Full & Default Power

GSM850 Ant0 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.01	33.09	33.03	34.00	24.01	24.09	24.03	25.00
GPRS 1 Tx slot	32.95	33.01	32.92	34.00	23.95	24.01	23.92	25.00
GPRS 2 Tx slots	29.98	30.11	30.03	31.00	23.98	24.11	24.03	25.00
GPRS 3 Tx slots	28.22	28.37	28.28	29.20	23.96	24.11	24.02	24.94
GPRS 4 Tx slots	27.02	27.08	26.96	28.00	24.02	24.08	23.96	25.00
EDGE 1 Tx slot	27.00	27.15	27.02	28.00	18.00	18.15	18.02	19.00
EDGE 2 Tx slots	23.85	24.01	23.90	25.00	17.85	18.01	17.90	19.00
EDGE 3 Tx slots	21.74	21.81	21.69	23.20	17.48	17.55	17.43	18.94
EDGE 4 Tx slots	20.68	20.75	20.64	22.00	17.68	17.75	17.64	19.00

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	23.99	24.10	24.06	25.00
3GPP Rel 99	RMC 12.2Kbps	24.11	24.14	24.09	25.00
3GPP Rel 6	HSDPA Subtest-1	23.09	23.19	23.12	24.00
3GPP Rel 6	HSDPA Subtest-2	23.15	23.09	23.12	24.00
3GPP Rel 6	HSDPA Subtest-3	22.56	22.65	22.59	23.50
3GPP Rel 6	HSDPA Subtest-4	22.58	22.66	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.11	23.13	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.16	23.13	23.15	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.60	22.67	22.63	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.60	22.65	22.60	23.50
3GPP Rel 6	HSUPA Subtest-1	23.07	23.12	23.04	24.00
3GPP Rel 6	HSUPA Subtest-2	21.07	21.16	21.08	22.00
3GPP Rel 6	HSUPA Subtest-3	22.15	22.17	22.05	23.00
3GPP Rel 6	HSUPA Subtest-4	21.15	21.19	21.06	22.00
3GPP Rel 6	HSUPA Subtest-5	23.09	23.09	23.04	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.63	20.68	20.54	21.50

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	25.08	25.15	25.11	25.7	0
10	QPSK	1	25	25.05	25.11	25.09		
10	QPSK	1	49	25.00	25.12	25.04		
10	QPSK	25	0	24.05	24.19	24.06	24.7	1
10	QPSK	25	12	24.08	24.07	24.10		
10	QPSK	25	25	24.00	24.14	24.07		
10	QPSK	50	0	24.11	24.17	24.16		
10	16QAM	1	0	24.04	24.14	24.10	24.7	1
10	16QAM	1	25	24.11	24.08	24.10		
10	16QAM	1	49	23.98	24.07	24.01		
10	16QAM	25	0	23.04	23.21	23.09	23.7	2
10	16QAM	25	12	23.08	23.12	23.13		
10	16QAM	25	25	22.97	23.13	23.12		
10	16QAM	50	0	23.13	23.18	23.19		
10	64QAM	1	0	23.05	23.20	23.14	23.7	2
10	64QAM	1	25	23.11	23.04	23.06		
10	64QAM	1	49	22.95	23.11	23.05		
10	64QAM	25	0	22.06	22.23	22.06	22.7	3
10	64QAM	25	12	22.06	22.11	22.10		
10	64QAM	25	25	22.04	22.12	22.06		
10	64QAM	50	0	22.06	22.22	22.20		
10	256QAM	1	0	20.11	20.19	20.07	20.7	5
10	256QAM	1	25	20.06	20.07	20.12		
10	256QAM	1	49	20.02	20.18	20.06		
10	256QAM	25	0	20.16	20.22	20.18	20.7	5
10	256QAM	25	12	20.02	20.18	20.09		
10	256QAM	25	25	20.07	20.12	20.12		
10	256QAM	50	0	19.98	20.09	19.99		
Channel				20425	20525	20625	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.05	25.11	25.04	25.7	0
5	QPSK	1	12	24.97	25.05	25.07		
5	QPSK	1	24	24.93	25.04	24.98		
5	QPSK	12	0	23.93	24.09	23.99	24.7	1
5	QPSK	12	7	23.96	24.00	24.04		
5	QPSK	12	13	23.97	24.08	24.01		
5	QPSK	25	0	24.02	24.10	24.13		
5	16QAM	1	0	24.00	24.02	24.04	24.7	1
5	16QAM	1	12	24.04	23.97	24.06		
5	16QAM	1	24	23.90	23.96	23.96		
5	16QAM	12	0	22.92	23.17	23.01	23.7	2
5	16QAM	12	7	23.04	22.99	23.06		
5	16QAM	12	13	22.93	23.05	23.06		
5	16QAM	25	0	23.05	23.13	23.06		
5	64QAM	1	0	22.96	23.09	23.08	23.7	2
5	64QAM	1	12	23.08	23.00	22.98		
5	64QAM	1	24	22.84	23.06	22.94		
5	64QAM	12	0	21.92	22.11	21.99	22.7	3
5	64QAM	12	7	21.95	22.00	21.96		
5	64QAM	12	13	21.99	22.01	21.94		
5	64QAM	25	0	21.99	22.17	22.11		
5	256QAM	1	0	20.06	20.06	20.02	20.7	5
5	256QAM	1	12	19.98	20.01	20.06		
5	256QAM	1	24	19.96	20.09	19.95		
5	256QAM	12	0	20.07	20.19	20.15	20.7	5
5	256QAM	12	7	19.98	20.13	20.01		
5	256QAM	12	13	19.99	20.10	20.02		
5	256QAM	25	0	19.93	20.06	19.96		
Channel				20415	20525	20635	Tune-up limit	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.97	25.03	25.02	25.7	0
3	QPSK	1	8	24.95	25.09	24.96		
3	QPSK	1	14	24.88	25.10	24.91		
3	QPSK	8	0	23.94	24.12	23.96	24.7	1
3	QPSK	8	4	23.98	23.95	23.97		
3	QPSK	8	7	23.87	24.05	23.98		
3	QPSK	15	0	23.98	24.05	24.07		
3	16QAM	1	0	23.96	24.05	24.04	24.7	1
3	16QAM	1	8	24.02	23.96	24.03		
3	16QAM	1	14	23.88	24.01	23.94		
3	16QAM	8	0	22.93	23.19	23.00	23.7	2
3	16QAM	8	4	23.03	23.09	22.99		
3	16QAM	8	7	22.94	23.10	23.04		
3	16QAM	15	0	23.00	23.13	23.08		
3	64QAM	1	0	22.92	23.11	23.10	23.7	2
3	64QAM	1	8	23.00	22.98	22.95		
3	64QAM	1	14	22.90	23.01	23.03		
3	64QAM	8	0	21.94	22.11	22.01	22.7	3
3	64QAM	8	4	22.01	21.98	22.04		
3	64QAM	8	7	21.96	22.00	22.02		
3	64QAM	15	0	22.03	22.12	22.12		
3	256QAM	1	0	20.00	20.09	19.93	20.7	5
3	256QAM	1	8	19.93	19.98	20.04		
3	256QAM	1	14	19.94	20.10	19.95		
3	256QAM	8	0	20.08	20.14	20.05	20.7	5
3	256QAM	8	4	19.96	20.12	19.96		
3	256QAM	8	7	19.94	20.01	20.05		
3	256QAM	15	0	19.85	20.04	19.90		
Channel				20407	20525	20643	Tune-up limit	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.97	25.11	25.08	25.7	0
1.4	QPSK	1	3	24.96	25.01	25.01		
1.4	QPSK	1	5	24.97	25.02	24.99		
1.4	QPSK	3	0	24.84	25.03	25.02		
1.4	QPSK	3	1	24.82	24.97	24.89		
1.4	QPSK	3	3	24.84	24.94	24.87		
1.4	QPSK	6	0	24.04	24.13	24.04	24.7	1
1.4	16QAM	1	0	24.00	24.00	23.99	24.7	1
1.4	16QAM	1	3	24.03	24.04	23.96		
1.4	16QAM	1	5	23.90	23.95	23.98		
1.4	16QAM	3	0	23.96	24.08	23.91		
1.4	16QAM	3	1	23.95	23.86	23.92		
1.4	16QAM	3	3	23.93	23.98	23.85		
1.4	16QAM	6	0	23.02	23.12	23.05	23.7	2
1.4	64QAM	1	0	22.92	23.01	23.01	23.7	2
1.4	64QAM	1	3	23.08	22.97	23.02		
1.4	64QAM	1	5	22.93	23.01	23.03		
1.4	64QAM	3	0	22.98	23.10	22.97		
1.4	64QAM	3	1	22.78	22.97	22.92		
1.4	64QAM	3	3	22.96	22.87	22.92		
1.4	64QAM	6	0	21.97	22.14	22.12	22.7	3
1.4	256QAM	1	0	19.98	20.09	20.04	20.7	5
1.4	256QAM	1	3	19.94	19.95	20.06		
1.4	256QAM	1	5	19.92	20.09	19.92		
1.4	256QAM	3	0	20.03	20.20	20.05		
1.4	256QAM	3	1	19.89	20.09	20.01		
1.4	256QAM	3	3	19.97	20.08	19.99		
1.4	256QAM	6	0	19.84	20.05	19.87	20.7	5

Band 26 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	25.04	25.19	25.14	25.7	0
15	QPSK	1	37	25.05	25.15	25.14		
15	QPSK	1	74	24.96	25.10	25.02		
15	QPSK	36	0	24.00	24.23	24.01	24.7	1
15	QPSK	36	20	24.03	24.11	24.10		
15	QPSK	36	39	24.06	24.19	24.13		
15	QPSK	75	0	24.11	24.20	24.17		
15	16QAM	1	0	24.02	24.17	24.13	24.7	1
15	16QAM	1	37	24.07	24.11	24.16		
15	16QAM	1	74	23.99	24.07	24.05		
15	16QAM	36	0	23.04	23.27	23.15	23.7	2
15	16QAM	36	20	23.10	23.07	23.13		
15	16QAM	36	39	23.00	23.13	23.17		
15	16QAM	75	0	23.11	23.16	23.15		
15	64QAM	1	0	23.06	23.27	23.10	23.7	2
15	64QAM	1	37	23.11	23.02	23.02		
15	64QAM	1	74	22.93	23.06	23.08		
15	64QAM	36	0	22.12	22.24	22.04	22.7	3
15	64QAM	36	20	22.11	22.18	22.13		
15	64QAM	36	39	22.07	22.11	22.08		
15	64QAM	75	0	22.05	22.23	22.21		
15	256QAM	1	0	20.11	20.15	20.03	20.7	5
15	256QAM	1	37	20.10	20.07	20.10		
15	256QAM	1	74	20.05	20.22	20.03		
15	256QAM	36	0	20.11	20.27	20.17	20.7	5
15	256QAM	36	20	20.00	20.15	20.15		
15	256QAM	36	39	20.13	20.14	20.15		
15	256QAM	75	0	20.02	20.08	20.05		
Channel				26740	26865	26990	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.92	25.10	25.10	25.7	0
10	QPSK	1	25	25.02	25.11	25.09		
10	QPSK	1	49	24.83	25.00	24.89		
10	QPSK	25	0	23.90	24.18	23.89	24.7	1
10	QPSK	25	12	23.99	24.06	24.00		
10	QPSK	25	25	23.93	24.16	24.10		
10	QPSK	50	0	24.08	24.15	24.06		
10	16QAM	1	0	23.89	24.14	24.05	24.7	1
10	16QAM	1	25	23.95	23.98	24.08		
10	16QAM	1	49	23.92	24.04	23.95		
10	16QAM	25	0	23.01	23.20	23.07	23.7	2
10	16QAM	25	12	23.05	23.01	23.07		
10	16QAM	25	25	22.87	23.07	23.05		
10	16QAM	50	0	22.99	23.07	23.09		
10	64QAM	1	0	22.95	23.21	23.07	23.7	2
10	64QAM	1	25	22.98	22.93	22.90		
10	64QAM	1	49	22.81	22.97	22.97		
10	64QAM	25	0	22.07	22.16	22.02	22.7	3
10	64QAM	25	12	22.03	22.16	22.04		
10	64QAM	25	25	22.02	22.08	22.03		
10	64QAM	50	0	21.96	22.12	22.08		
10	256QAM	1	0	20.02	20.03	19.97	20.7	5
10	256QAM	1	25	19.98	20.03	20.01		
10	256QAM	1	49	19.94	20.16	19.96		
10	256QAM	25	0	20.04	20.17	20.03	20.7	5
10	256QAM	25	12	19.97	20.11	20.06		
10	256QAM	25	25	20.00	20.07	20.06		
10	256QAM	50	0	19.99	19.96	20.00		
Channel				26715	26865	27015	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.95	25.17	25.09	25.7	0
5	QPSK	1	12	24.97	25.12	25.09		
5	QPSK	1	24	24.92	25.04	24.89		
5	QPSK	12	0	23.87	24.18	23.98	24.7	1
5	QPSK	12	7	23.90	24.01	24.08		
5	QPSK	12	13	23.95	24.15	24.10		
5	QPSK	25	0	24.01	24.09	24.12		
5	16QAM	1	0	23.88	24.07	24.05	24.7	1
5	16QAM	1	12	23.97	24.05	24.14		
5	16QAM	1	24	23.95	24.03	24.00		
5	16QAM	12	0	22.91	23.16	23.11	23.7	2
5	16QAM	12	7	22.99	23.00	23.10		
5	16QAM	12	13	22.94	23.10	23.12		
5	16QAM	25	0	23.04	23.08	23.02		
5	64QAM	1	0	23.03	23.14	23.02	23.7	2
5	64QAM	1	12	23.05	22.88	22.97		
5	64QAM	1	24	22.80	23.01	22.94		
5	64QAM	12	0	21.99	22.22	22.00	22.7	3
5	64QAM	12	7	22.06	22.04	22.07		
5	64QAM	12	13	22.02	22.08	21.97		
5	64QAM	25	0	21.99	22.20	22.13		
5	256QAM	1	0	20.00	20.04	20.00	20.7	5
5	256QAM	1	12	20.01	19.99	20.05		
5	256QAM	1	24	20.01	20.16	19.92		
5	256QAM	12	0	20.02	20.17	20.09	20.7	5
5	256QAM	12	7	19.92	20.09	20.08		
5	256QAM	12	13	20.03	20.07	20.11		
5	256QAM	25	0	19.89	20.00	19.99		
Channel				26705	26865	27025	Tune-up limit	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.97	25.06	25.08	25.7	0
3	QPSK	1	8	24.98	25.04	25.05		
3	QPSK	1	14	24.86	24.98	24.97		
3	QPSK	8	0	23.86	24.10	23.91	24.7	1
3	QPSK	8	4	23.91	24.05	24.08		
3	QPSK	8	7	23.98	24.09	24.04		
3	QPSK	15	0	24.09	24.13	24.04		
3	16QAM	1	0	23.97	24.11	24.08	24.7	1
3	16QAM	1	8	23.94	24.08	24.13		
3	16QAM	1	14	23.88	23.94	23.95		
3	16QAM	8	0	22.97	23.23	23.08	23.7	2
3	16QAM	8	4	23.08	22.95	23.06		
3	16QAM	8	7	22.92	23.03	23.13		
3	16QAM	15	0	23.09	23.06	23.11		
3	64QAM	1	0	22.98	23.20	23.02	23.7	2
3	64QAM	1	8	23.09	22.90	22.98		
3	64QAM	1	14	22.83	23.00	22.98		
3	64QAM	8	0	22.09	22.21	21.94	22.7	3
3	64QAM	8	4	22.03	22.13	22.09		
3	64QAM	8	7	21.96	21.99	22.01		
3	64QAM	15	0	21.98	22.14	22.16		
3	256QAM	1	0	19.99	20.04	19.93	20.7	5
3	256QAM	1	8	19.98	20.05	20.03		
3	256QAM	1	14	19.94	20.17	19.94		
3	256QAM	8	0	20.02	20.15	20.15	20.7	5
3	256QAM	8	4	19.97	20.11	20.04		
3	256QAM	8	7	20.06	20.12	20.12		
3	256QAM	15	0	19.94	20.05	19.96		
Channel				26697	26865	27033	Tune-up limit	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.84	25.05	24.96	25.7	0
1.4	QPSK	1	3	24.85	24.92	24.87		
1.4	QPSK	1	5	24.87	24.90	24.91		
1.4	QPSK	3	0	24.78	24.95	24.93		
1.4	QPSK	3	1	24.69	24.85	24.79		
1.4	QPSK	3	3	24.80	24.85	24.74		
1.4	QPSK	6	0	24.02	24.07	23.94	24.7	1
1.4	16QAM	1	0	23.93	23.89	23.95	24.7	1
1.4	16QAM	1	3	23.96	23.94	23.94		
1.4	16QAM	1	5	23.80	23.89	23.88		
1.4	16QAM	3	0	23.83	24.05	23.84		
1.4	16QAM	3	1	23.88	23.72	23.82		
1.4	16QAM	3	3	23.89	23.92	23.72		
1.4	16QAM	6	0	22.89	23.06	22.93	23.7	2
1.4	64QAM	1	0	22.88	22.97	22.98	23.7	2
1.4	64QAM	1	3	23.03	22.88	22.91		
1.4	64QAM	1	5	22.82	22.97	22.93		
1.4	64QAM	3	0	22.85	23.01	22.85		
1.4	64QAM	3	1	22.68	22.90	22.83		
1.4	64QAM	3	3	22.89	22.81	22.83		
1.4	64QAM	6	0	21.92	22.02	22.07	22.7	3
1.4	256QAM	1	0	19.86	19.98	19.94	20.7	5
1.4	256QAM	1	3	19.83	19.92	20.02		
1.4	256QAM	1	5	19.87	19.98	19.89		
1.4	256QAM	3	0	19.94	20.11	19.93		
1.4	256QAM	3	1	19.81	19.97	19.93		
1.4	256QAM	3	3	19.94	20.00	19.93		
1.4	256QAM	6	0	19.76	19.97	19.82	20.7	5

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	33.00	33.13	33.04	34.50	24.00	24.13	24.04	25.50
GPRS 1 Tx slot	32.94	33.05	32.93	34.50	23.94	24.05	23.93	25.50
GPRS 2 Tx slots	30.03	30.18	30.06	31.50	24.03	24.18	24.06	25.50
GPRS 3 Tx slots	28.36	28.45	28.37	29.70	24.10	24.19	24.11	25.44
GPRS 4 Tx slots	27.09	27.16	27.02	28.50	24.09	24.16	24.02	25.50
EDGE 1 Tx slot	26.91	26.95	26.90	28.50	17.91	17.95	17.90	19.50
EDGE 2 Tx slots	23.77	23.81	23.70	25.50	17.77	17.81	17.70	19.50
EDGE 3 Tx slots	21.98	22.02	21.92	23.70	17.72	17.76	17.66	19.44
EDGE 4 Tx slots	20.78	20.84	20.69	22.50	17.78	17.84	17.69	19.50

WCDMA V Ant1 Default

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.97	24.11	23.98	25.50
3GPP Rel 99	RMC 12.2Kbps	24.10	24.15	24.07	25.50
3GPP Rel 6	HSDPA Subtest-1	23.05	23.09	23.01	24.50
3GPP Rel 6	HSDPA Subtest-2	23.13	23.17	23.07	24.50
3GPP Rel 6	HSDPA Subtest-3	22.57	22.60	22.62	24.00
3GPP Rel 6	HSDPA Subtest-4	22.66	22.63	22.62	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.05	23.13	23.03	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.05	23.13	23.02	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.58	22.60	22.60	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.62	22.61	22.57	24.00
3GPP Rel 6	HSUPA Subtest-1	23.07	23.15	23.10	24.50
3GPP Rel 6	HSUPA Subtest-2	21.07	21.19	21.03	22.50
3GPP Rel 6	HSUPA Subtest-3	22.07	22.19	22.09	23.50
3GPP Rel 6	HSUPA Subtest-4	21.07	21.12	21.12	22.50
3GPP Rel 6	HSUPA Subtest-5	23.10	23.11	23.12	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.57	20.62	20.57	22.00

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	24.94	25.07	24.94	25.7	0
10	QPSK	1	25	24.81	25.03	24.83		
10	QPSK	1	49	24.90	25.02	24.83		
10	QPSK	25	0	23.93	24.09	23.95	24.7	1
10	QPSK	25	12	23.76	24.06	23.84		
10	QPSK	25	25	23.95	24.04	23.85		
10	QPSK	50	0	23.93	24.07	23.91		
10	16QAM	1	0	23.94	24.04	23.91	24.7	1
10	16QAM	1	25	23.81	24.03	23.79		
10	16QAM	1	49	23.91	24.08	23.80		
10	16QAM	25	0	22.96	23.15	22.99	23.7	2
10	16QAM	25	12	22.76	23.02	22.84		
10	16QAM	25	25	22.90	22.98	22.84		
10	16QAM	50	0	22.89	23.11	22.88		
10	64QAM	1	0	22.99	23.01	22.96	23.7	2
10	64QAM	1	25	22.76	22.97	22.75		
10	64QAM	1	49	22.88	23.09	22.81		
10	64QAM	25	0	21.95	22.11	21.95	22.7	3
10	64QAM	25	12	21.81	22.02	21.82		
10	64QAM	25	25	21.97	21.98	21.85		
10	64QAM	50	0	21.99	22.11	21.95		
10	256QAM	1	0	19.90	20.10	19.89	20.7	5
10	256QAM	1	25	19.77	20.07	19.83		
10	256QAM	1	49	19.91	19.98	19.86		
10	256QAM	25	0	19.94	20.09	19.97	20.7	5
10	256QAM	25	12	19.93	19.99	19.93		
10	256QAM	25	25	19.82	20.07	19.80		
10	256QAM	50	0	19.92	20.11	19.82		
Channel				20425	20525	20625	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.91	25.02	24.89	25.7	0
5	QPSK	1	12	24.70	24.97	24.78		
5	QPSK	1	24	24.78	24.99	24.72		
5	QPSK	12	0	23.79	23.98	23.90	24.7	1
5	QPSK	12	7	23.68	23.94	23.81		
5	QPSK	12	13	23.83	23.94	23.76		
5	QPSK	25	0	23.86	23.95	23.83		
5	16QAM	1	0	23.80	23.93	23.85	24.7	1
5	16QAM	1	12	23.74	24.00	23.65		
5	16QAM	1	24	23.78	24.04	23.73		
5	16QAM	12	0	22.88	23.06	22.89	23.7	2
5	16QAM	12	7	22.71	22.94	22.70		
5	16QAM	12	13	22.84	22.87	22.76		
5	16QAM	25	0	22.76	23.03	22.76		
5	64QAM	1	0	22.90	22.97	22.87	23.7	2
5	64QAM	1	12	22.67	22.85	22.63		
5	64QAM	1	24	22.83	22.97	22.75		
5	64QAM	12	0	21.86	22.08	21.86	22.7	3
5	64QAM	12	7	21.72	21.97	21.72		
5	64QAM	12	13	21.95	21.87	21.77		
5	64QAM	25	0	21.92	21.99	21.84		
5	256QAM	1	0	19.77	19.99	19.86	20.7	5
5	256QAM	1	12	19.75	19.98	19.80		
5	256QAM	1	24	19.80	19.96	19.81		
5	256QAM	12	0	19.85	20.00	19.83	20.7	5
5	256QAM	12	7	19.88	19.88	19.87		
5	256QAM	12	13	19.76	20.02	19.66		
5	256QAM	25	0	19.79	20.01	19.76		
Channel				20415	20525	20635	Tune-up limit	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.83	24.95	24.86	25.7	0
3	QPSK	1	8	24.76	24.99	24.72		
3	QPSK	1	14	24.81	24.99	24.79		
3	QPSK	8	0	23.90	23.95	23.88	24.7	1
3	QPSK	8	4	23.73	24.01	23.76		
3	QPSK	8	7	23.87	24.00	23.79		
3	QPSK	15	0	23.83	24.00	23.83		
3	16QAM	1	0	23.81	23.94	23.79	24.7	1
3	16QAM	1	8	23.79	23.94	23.73		
3	16QAM	1	14	23.85	23.94	23.76		
3	16QAM	8	0	22.83	23.03	22.94	23.7	2
3	16QAM	8	4	22.65	22.93	22.74		
3	16QAM	8	7	22.83	22.89	22.73		
3	16QAM	15	0	22.76	23.07	22.80		
3	64QAM	1	0	22.92	22.89	22.85	23.7	2
3	64QAM	1	8	22.67	22.95	22.66		
3	64QAM	1	14	22.83	23.03	22.75		
3	64QAM	8	0	21.87	22.06	21.88	22.7	3
3	64QAM	8	4	21.68	21.97	21.80		
3	64QAM	8	7	21.87	21.91	21.80		
3	64QAM	15	0	21.87	22.03	21.82		
3	256QAM	1	0	19.79	20.04	19.82	20.7	5
3	256QAM	1	8	19.70	19.93	19.74		
3	256QAM	1	14	19.81	19.88	19.82		
3	256QAM	8	0	19.86	19.97	19.93	20.7	5
3	256QAM	8	4	19.85	19.86	19.81		
3	256QAM	8	7	19.73	19.99	19.69		
3	256QAM	15	0	19.87	20.08	19.71		
Channel				20407	20525	20643	Tune-up limit	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.85	24.94	24.82	25.7	0
1.4	QPSK	1	3	24.77	24.91	24.77		
1.4	QPSK	1	5	24.82	24.88	24.81		
1.4	QPSK	3	0	24.75	24.91	24.79		
1.4	QPSK	3	1	24.70	24.83	24.69		
1.4	QPSK	3	3	24.70	24.81	24.71		
1.4	QPSK	6	0	23.84	23.99	23.87	24.7	1
1.4	16QAM	1	0	23.82	23.91	23.88	24.7	1
1.4	16QAM	1	3	23.78	23.93	23.73		
1.4	16QAM	1	5	23.83	24.02	23.67		
1.4	16QAM	3	0	23.72	23.93	23.76		
1.4	16QAM	3	1	23.69	23.87	23.77		
1.4	16QAM	3	3	23.76	23.79	23.69		
1.4	16QAM	6	0	22.80	23.02	22.78	23.7	2
1.4	64QAM	1	0	22.91	22.98	22.92	23.7	2
1.4	64QAM	1	3	22.68	22.87	22.69		
1.4	64QAM	1	5	22.80	23.02	22.72		
1.4	64QAM	3	0	22.74	22.96	22.71		
1.4	64QAM	3	1	22.87	22.77	22.88		
1.4	64QAM	3	3	22.60	22.75	22.55		
1.4	64QAM	6	0	21.93	22.04	21.81	22.7	3
1.4	256QAM	1	0	19.78	20.01	19.81	20.7	5
1.4	256QAM	1	3	19.72	20.03	19.81		
1.4	256QAM	1	5	19.77	19.91	19.79		
1.4	256QAM	3	0	19.83	20.03	19.94		
1.4	256QAM	3	1	19.85	19.94	19.81		
1.4	256QAM	3	3	19.72	19.98	19.66		
1.4	256QAM	6	0	19.90	19.98	19.71	20.7	5

Band 26 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.93	25.09	24.93	25.7	0
15	QPSK	1	37	24.90	25.04	24.85		
15	QPSK	1	74	24.88	25.02	24.86		
15	QPSK	36	0	23.95	24.14	23.96	24.7	1
15	QPSK	36	20	23.77	24.06	23.82		
15	QPSK	36	39	24.01	24.10	23.87		
15	QPSK	75	0	23.92	24.12	23.89		
15	16QAM	1	0	23.95	24.05	23.92	24.7	1
15	16QAM	1	37	23.83	24.05	23.83		
15	16QAM	1	74	23.99	24.10	23.86		
15	16QAM	36	0	22.94	23.21	23.05	23.7	2
15	16QAM	36	20	22.74	23.04	22.85		
15	16QAM	36	39	22.95	23.03	22.85		
15	16QAM	75	0	22.98	23.12	22.87		
15	64QAM	1	0	22.99	23.10	22.97	23.7	2
15	64QAM	1	37	22.83	23.02	22.76		
15	64QAM	1	74	22.95	23.13	22.84		
15	64QAM	36	0	22.04	22.09	22.01	22.7	3
15	64QAM	36	20	21.84	21.99	21.84		
15	64QAM	36	39	22.04	21.96	21.84		
15	64QAM	75	0	22.01	22.19	22.02		
15	256QAM	1	0	19.99	20.13	19.96	20.7	5
15	256QAM	1	37	19.78	20.14	19.86		
15	256QAM	1	74	19.93	20.04	19.83		
15	256QAM	36	0	20.02	20.09	19.98	20.7	5
15	256QAM	36	20	19.92	20.06	20.02		
15	256QAM	36	39	19.80	20.11	19.77		
15	256QAM	75	0	19.97	20.16	19.84		
Channel				26740	26865	26990	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.86	25.07	24.85	25.7	0
10	QPSK	1	25	24.84	24.91	24.76		
10	QPSK	1	49	24.76	24.93	24.79		
10	QPSK	25	0	23.92	24.09	23.83	24.7	1
10	QPSK	25	12	23.66	23.95	23.79		
10	QPSK	25	25	23.98	24.07	23.84		
10	QPSK	50	0	23.84	23.99	23.77		
10	16QAM	1	0	23.88	23.97	23.87	24.7	1
10	16QAM	1	25	23.79	24.00	23.78		
10	16QAM	1	49	23.96	24.00	23.83		
10	16QAM	25	0	22.88	23.09	22.99	23.7	2
10	16QAM	25	12	22.61	22.92	22.71		
10	16QAM	25	25	22.86	22.95	22.78		
10	16QAM	50	0	22.92	23.08	22.74		
10	64QAM	1	0	22.90	23.06	22.88	23.7	2
10	64QAM	1	25	22.80	22.90	22.65		
10	64QAM	1	49	22.84	23.05	22.71		
10	64QAM	25	0	21.92	22.05	21.89	22.7	3
10	64QAM	25	12	21.74	21.92	21.77		
10	64QAM	25	25	21.98	21.83	21.71		
10	64QAM	50	0	21.95	22.13	21.91		
10	256QAM	1	0	19.90	20.07	19.82	20.7	5
10	256QAM	1	25	19.69	20.05	19.81		
10	256QAM	1	49	19.91	19.97	19.69		
10	256QAM	25	0	19.98	20.01	19.88	20.7	5
10	256QAM	25	12	19.79	20.03	19.97		
10	256QAM	25	25	19.72	20.03	19.64		
10	256QAM	50	0	19.86	20.05	19.71		
Channel				26715	26865	27015	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.86	25.06	24.87	25.7	0
5	QPSK	1	12	24.86	24.97	24.75		
5	QPSK	1	24	24.82	24.90	24.77		
5	QPSK	12	0	23.90	24.11	23.90	24.7	1
5	QPSK	12	7	23.67	24.00	23.68		
5	QPSK	12	13	23.97	24.03	23.82		
5	QPSK	25	0	23.85	24.09	23.80		
5	16QAM	1	0	23.85	23.94	23.89	24.7	1
5	16QAM	1	12	23.77	23.91	23.79		
5	16QAM	1	24	23.93	23.96	23.76		
5	16QAM	12	0	22.87	23.07	23.01	23.7	2
5	16QAM	12	7	22.65	22.90	22.79		
5	16QAM	12	13	22.86	22.90	22.78		
5	16QAM	25	0	22.89	23.05	22.78		
5	64QAM	1	0	22.93	23.05	22.84	23.7	2
5	64QAM	1	12	22.75	22.92	22.72		
5	64QAM	1	24	22.82	23.07	22.80		
5	64QAM	12	0	21.93	21.97	21.90	22.7	3
5	64QAM	12	7	21.76	21.90	21.71		
5	64QAM	12	13	22.00	21.87	21.74		
5	64QAM	25	0	21.91	22.06	21.97		
5	256QAM	1	0	19.94	20.03	19.84	20.7	5
5	256QAM	1	12	19.73	20.09	19.82		
5	256QAM	1	24	19.85	19.91	19.73		
5	256QAM	12	0	19.90	20.03	19.87	20.7	5
5	256QAM	12	7	19.84	19.92	19.98		
5	256QAM	12	13	19.68	20.00	19.73		
5	256QAM	25	0	19.89	20.04	19.73		
Channel				26705	26865	27025	Tune-up limit	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.89	25.01	24.82	25.7	0
3	QPSK	1	8	24.77	24.96	24.82		
3	QPSK	1	14	24.84	24.93	24.80		
3	QPSK	8	0	23.87	24.07	23.92	24.7	1
3	QPSK	8	4	23.72	23.98	23.75		
3	QPSK	8	7	23.95	24.03	23.73		
3	QPSK	15	0	23.79	24.09	23.78		
3	16QAM	1	0	23.93	23.99	23.80	24.7	1
3	16QAM	1	8	23.78	23.95	23.79		
3	16QAM	1	14	23.92	24.06	23.79		
3	16QAM	8	0	22.85	23.12	23.02	23.7	2
3	16QAM	8	4	22.66	22.93	22.74		
3	16QAM	8	7	22.90	22.89	22.74		
3	16QAM	15	0	22.88	23.01	22.85		
3	64QAM	1	0	22.92	23.01	22.84	23.7	2
3	64QAM	1	8	22.72	22.95	22.68		
3	64QAM	1	14	22.88	23.04	22.79		
3	64QAM	8	0	21.95	22.04	21.98	22.7	3
3	64QAM	8	4	21.81	21.88	21.80		
3	64QAM	8	7	21.94	21.84	21.81		
3	64QAM	15	0	21.92	22.10	21.89		
3	256QAM	1	0	19.92	20.11	19.89	20.7	5
3	256QAM	1	8	19.68	20.00	19.77		
3	256QAM	1	14	19.85	19.93	19.80		
3	256QAM	8	0	19.91	19.98	19.88	20.7	5
3	256QAM	8	4	19.84	20.01	19.93		
3	256QAM	8	7	19.66	20.02	19.66		
3	256QAM	15	0	19.89	20.05	19.81		
Channel				26697	26865	27033	Tune-up limit	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.71	24.81	24.72	25.7	0
1.4	QPSK	1	3	24.71	24.78	24.74		
1.4	QPSK	1	5	24.76	24.84	24.68		
1.4	QPSK	3	0	24.71	24.82	24.76		
1.4	QPSK	3	1	24.57	24.73	24.66		
1.4	QPSK	3	3	24.56	24.76	24.59		
1.4	QPSK	6	0	23.71	23.96	23.83	24.7	1
1.4	16QAM	1	0	23.70	23.87	23.77	24.7	1
1.4	16QAM	1	3	23.71	23.83	23.69		
1.4	16QAM	1	5	23.70	23.92	23.61		
1.4	16QAM	3	0	23.67	23.82	23.67		
1.4	16QAM	3	1	23.65	23.83	23.64		
1.4	16QAM	3	3	23.67	23.67	23.61		
1.4	16QAM	6	0	22.72	22.95	22.75	23.7	2
1.4	64QAM	1	0	22.88	22.83	22.87	23.7	2
1.4	64QAM	1	3	22.64	22.78	22.65		
1.4	64QAM	1	5	22.74	22.98	22.64		
1.4	64QAM	3	0	22.62	22.92	22.65		
1.4	64QAM	3	1	22.75	22.72	22.78		
1.4	64QAM	3	3	22.53	22.64	22.43		
1.4	64QAM	6	0	21.87	21.93	21.78	22.7	3
1.4	256QAM	1	0	19.67	19.98	19.70	20.7	5
1.4	256QAM	1	3	19.60	19.89	19.72		
1.4	256QAM	1	5	19.74	19.88	19.77		
1.4	256QAM	3	0	19.79	19.98	19.81		
1.4	256QAM	3	1	19.80	19.86	19.79		
1.4	256QAM	3	3	19.60	19.88	19.53		
1.4	256QAM	6	0	19.76	19.93	19.63	20.7	5

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	29.94	30.09	29.97	31.00	20.94	21.09	20.97	22.00
GPRS 1 Tx slot	29.96	30.01	29.86	31.00	20.96	21.01	20.86	22.00
GPRS 2 Tx slots	27.13	27.25	27.15	28.00	21.13	21.25	21.15	22.00
GPRS 3 Tx slots	25.32	25.47	25.38	26.20	21.06	21.21	21.12	21.94
GPRS 4 Tx slots	24.06	24.14	24.06	25.00	21.06	21.14	21.06	22.00
EDGE 1 Tx slot	26.11	26.15	26.09	27.00	17.11	17.15	17.09	18.00
EDGE 2 Tx slots	23.14	23.10	23.06	24.00	17.14	17.10	17.06	18.00
EDGE 3 Tx slots	21.31	21.40	21.30	22.20	17.05	17.14	17.04	17.94
EDGE 4 Tx slots	20.08	20.17	20.11	21.00	17.08	17.17	17.11	18.00

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	23.93	24.01	23.92	25.00	23.85	23.92	23.85	25.00
3GPP Rel 99	RMC 12.2Kbps	23.97	24.07	24.00	25.00	23.92	24.01	23.97	25.00
3GPP Rel 6	HSDPA Subtest-1	22.97	23.10	22.95	24.00	22.90	22.97	22.92	24.00
3GPP Rel 6	HSDPA Subtest-2	23.00	23.10	23.03	24.00	22.93	23.01	22.96	24.00
3GPP Rel 6	HSDPA Subtest-3	22.52	22.62	22.47	23.50	22.49	22.53	22.42	23.50
3GPP Rel 6	HSDPA Subtest-4	22.50	22.55	22.52	23.50	22.44	22.44	22.48	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.97	23.12	22.99	24.00	22.89	23.00	22.90	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.97	23.06	22.94	24.00	22.84	22.99	22.88	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.52	22.61	22.54	23.50	22.39	22.47	22.49	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.46	22.59	22.47	23.50	22.38	22.53	22.39	23.50
3GPP Rel 6	HSUPA Subtest-1	22.99	23.12	22.97	24.00	22.89	23.02	22.95	24.00
3GPP Rel 6	HSUPA Subtest-2	20.97	21.11	21.03	22.00	20.86	21.03	20.98	22.00
3GPP Rel 6	HSUPA Subtest-3	21.95	22.09	22.03	23.00	21.87	22.04	21.97	23.00
3GPP Rel 6	HSUPA Subtest-4	20.94	21.04	21.05	22.00	20.84	20.97	20.98	22.00
3GPP Rel 6	HSUPA Subtest-5	22.98	23.09	22.99	24.00	22.89	23.01	22.96	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.46	20.53	20.54	21.50	20.35	20.47	20.51	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	24.50	24.54	24.48	25.5	0
20	QPSK	1	49	24.45	24.51	24.43		
20	QPSK	1	99	24.39	24.47	24.42		
20	QPSK	50	0	23.48	23.58	23.44	24.5	1
20	QPSK	50	24	23.45	23.55	23.38		
20	QPSK	50	50	23.35	23.48	23.48		
20	QPSK	100	0	23.46	23.53	23.48		
20	16QAM	1	0	23.48	23.50	23.52	24.5	1
20	16QAM	1	49	23.47	23.51	23.45		
20	16QAM	1	99	23.41	23.51	23.37		
20	16QAM	50	0	22.48	22.54	22.48	23.5	2
20	16QAM	50	24	22.39	22.50	22.40		
20	16QAM	50	50	22.33	22.53	22.45		
20	16QAM	100	0	22.49	22.49	22.54		
20	64QAM	1	0	22.48	22.51	22.47	23.5	2
20	64QAM	1	49	22.52	22.56	22.50		
20	64QAM	1	99	22.44	22.55	22.42		
20	64QAM	50	0	21.46	21.61	21.45	22.5	3
20	64QAM	50	24	21.40	21.59	21.41		
20	64QAM	50	50	21.41	21.50	21.43		
20	64QAM	100	0	21.51	21.53	21.47		
20	256QAM	1	0	19.51	19.57	19.41	20.5	5
20	256QAM	1	49	19.44	19.49	19.36		
20	256QAM	1	99	19.30	19.43	19.54		
20	256QAM	50	0	19.49	19.57	19.50	20.5	5
20	256QAM	50	24	19.53	19.56	19.56		
20	256QAM	50	50	19.53	19.46	19.47		
20	256QAM	100	0	19.41	19.55	19.40		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	24.36	24.41	24.36	25.5	0
15	QPSK	1	37	24.38	24.42	24.39		
15	QPSK	1	74	24.32	24.42	24.33		
15	QPSK	36	0	23.40	23.49	23.33	24.5	1
15	QPSK	36	20	23.40	23.42	23.26		
15	QPSK	36	39	23.29	23.37	23.44		
15	QPSK	75	0	23.37	23.50	23.46		
15	16QAM	1	0	23.40	23.40	23.50	24.5	1
15	16QAM	1	37	23.34	23.43	23.32		
15	16QAM	1	74	23.34	23.41	23.31		
15	16QAM	36	0	22.39	22.46	22.35	23.5	2
15	16QAM	36	20	22.26	22.42	22.36		
15	16QAM	36	39	22.31	22.40	22.40		
15	16QAM	75	0	22.41	22.38	22.47		
15	64QAM	1	0	22.39	22.49	22.37	23.5	2
15	64QAM	1	37	22.49	22.45	22.40		
15	64QAM	1	74	22.39	22.46	22.31		
15	64QAM	36	0	21.38	21.48	21.41	22.5	3
15	64QAM	36	20	21.27	21.48	21.28		
15	64QAM	36	39	21.36	21.37	21.31		
15	64QAM	75	0	21.42	21.47	21.34		
15	256QAM	1	0	19.48	19.52	19.36	20.5	5
15	256QAM	1	37	19.41	19.26	19.26		
15	256QAM	1	74	19.18	19.35	19.50		
15	256QAM	36	0	19.43	19.48	19.43	20.5	5
15	256QAM	36	20	19.48	19.44	19.52		
15	256QAM	36	39	19.51	19.44	19.33		
15	256QAM	75	0	19.36	19.47	19.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.39	24.40	24.45	25.5	0
10	QPSK	1	25	24.38	24.45	24.34		
10	QPSK	1	49	24.25	24.43	24.40		
10	QPSK	25	0	23.43	23.56	23.36	24.5	1
10	QPSK	25	12	23.34	23.46	23.25		
10	QPSK	25	25	23.31	23.46	23.44		
10	QPSK	50	0	23.33	23.49	23.45		
10	16QAM	1	0	23.36	23.39	23.49	24.5	1
10	16QAM	1	25	23.44	23.45	23.33		
10	16QAM	1	49	23.37	23.44	23.24		
10	16QAM	25	0	22.43	22.50	22.39	23.5	2
10	16QAM	25	12	22.36	22.42	22.37		
10	16QAM	25	25	22.27	22.46	22.34		
10	16QAM	50	0	22.39	22.42	22.51		
10	64QAM	1	0	22.44	22.43	22.36	23.5	2
10	64QAM	1	25	22.46	22.43	22.44		
10	64QAM	1	49	22.32	22.42	22.30		
10	64QAM	25	0	21.36	21.55	21.32	22.5	3
10	64QAM	25	12	21.28	21.47	21.39		
10	64QAM	25	25	21.31	21.48	21.30		
10	64QAM	50	0	21.43	21.41	21.36		
10	256QAM	1	0	19.48	19.45	19.34	20.5	5
10	256QAM	1	25	19.38	19.44	19.31		
10	256QAM	1	49	19.19	19.29	19.49		
10	256QAM	25	0	19.43	19.55	19.44	20.5	5
10	256QAM	25	12	19.45	19.46	19.46		
10	256QAM	25	25	19.51	19.38	19.35		
10	256QAM	50	0	19.34	19.49	19.35		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.37	24.46	24.45	25.5	0
5	QPSK	1	12	24.39	24.44	24.36		
5	QPSK	1	24	24.32	24.43	24.29		
5	QPSK	12	0	23.43	23.48	23.39	24.5	1
5	QPSK	12	7	23.39	23.43	23.26		
5	QPSK	12	13	23.29	23.37	23.39		
5	QPSK	25	0	23.33	23.49	23.39		
5	16QAM	1	0	23.35	23.36	23.39	24.5	1
5	16QAM	1	12	23.35	23.49	23.34		
5	16QAM	1	24	23.30	23.41	23.32		
5	16QAM	12	0	22.46	22.45	22.43	23.5	2
5	16QAM	12	7	22.29	22.45	22.38		
5	16QAM	12	13	22.19	22.49	22.36		
5	16QAM	25	0	22.43	22.38	22.44		
5	64QAM	1	0	22.37	22.44	22.37	23.5	2
5	64QAM	1	12	22.45	22.42	22.36		
5	64QAM	1	24	22.34	22.46	22.39		
5	64QAM	12	0	21.35	21.50	21.39	22.5	3
5	64QAM	12	7	21.27	21.47	21.29		
5	64QAM	12	13	21.35	21.38	21.40		
5	64QAM	25	0	21.42	21.50	21.38		
5	256QAM	1	0	19.37	19.46	19.28	20.5	5
5	256QAM	1	12	19.38	19.38	19.32		
5	256QAM	1	24	19.25	19.36	19.48		
5	256QAM	12	0	19.36	19.50	19.41	20.5	5
5	256QAM	12	7	19.51	19.45	19.48		
5	256QAM	12	13	19.42	19.34	19.44		
5	256QAM	25	0	19.33	19.53	19.32		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.39	24.49	24.40	25.5	0
3	QPSK	1	8	24.35	24.42	24.31		
3	QPSK	1	14	24.25	24.45	24.32		
3	QPSK	8	0	23.38	23.53	23.33	24.5	1
3	QPSK	8	4	23.37	23.46	23.27		
3	QPSK	8	7	23.30	23.41	23.36		
3	QPSK	15	0	23.37	23.46	23.45		
3	16QAM	1	0	23.38	23.39	23.43	24.5	1
3	16QAM	1	8	23.41	23.45	23.40		
3	16QAM	1	14	23.27	23.41	23.35		
3	16QAM	8	0	22.38	22.43	22.35	23.5	2
3	16QAM	8	4	22.35	22.47	22.28		
3	16QAM	8	7	22.22	22.47	22.41		
3	16QAM	15	0	22.43	22.39	22.45		
3	64QAM	1	0	22.43	22.41	22.42	23.5	2
3	64QAM	1	8	22.41	22.46	22.39		
3	64QAM	1	14	22.31	22.43	22.35		
3	64QAM	8	0	21.37	21.48	21.41	22.5	3
3	64QAM	8	4	21.29	21.56	21.32		
3	64QAM	8	7	21.36	21.41	21.31		
3	64QAM	15	0	21.47	21.39	21.45		
3	256QAM	1	0	19.37	19.46	19.35	20.5	5
3	256QAM	1	8	19.34	19.45	19.26		
3	256QAM	1	14	19.19	19.36	19.44		
3	256QAM	8	0	19.40	19.48	19.43	20.5	5
3	256QAM	8	4	19.43	19.52	19.45		
3	256QAM	8	7	19.48	19.37	19.44		
3	256QAM	15	0	19.30	19.45	19.27		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.39	24.50	24.45	25.5	0
1.4	QPSK	1	3	24.42	24.46	24.38		
1.4	QPSK	1	5	24.28	24.43	24.37		
1.4	QPSK	3	0	24.34	24.44	24.33		
1.4	QPSK	3	1	24.28	24.42	24.32		
1.4	QPSK	3	3	24.23	24.30	24.34		
1.4	QPSK	6	0	23.42	23.50	23.44	24.5	1
1.4	16QAM	1	0	23.36	23.39	23.39	24.5	1
1.4	16QAM	1	3	23.42	23.48	23.40		
1.4	16QAM	1	5	23.39	23.41	23.32		
1.4	16QAM	3	0	23.36	23.47	23.31		
1.4	16QAM	3	1	23.24	23.27	23.31		
1.4	16QAM	3	3	23.34	23.43	23.35		
1.4	16QAM	6	0	22.41	22.47	22.44	23.5	2
1.4	64QAM	1	0	22.42	22.49	22.36	23.5	2
1.4	64QAM	1	3	22.45	22.44	22.39		
1.4	64QAM	1	5	22.38	22.44	22.38		
1.4	64QAM	3	0	22.27	22.44	22.35		
1.4	64QAM	3	1	22.35	22.39	22.34		
1.4	64QAM	3	3	22.36	22.34	22.35		
1.4	64QAM	6	0	21.47	21.42	21.44	22.5	3
1.4	256QAM	1	0	19.42	19.44	19.29	20.5	5
1.4	256QAM	1	3	19.37	19.42	19.33		
1.4	256QAM	1	5	19.26	19.39	19.51		
1.4	256QAM	3	0	19.39	19.51	19.41		
1.4	256QAM	3	1	19.45	19.47	19.52		
1.4	256QAM	3	3	19.47	19.40	19.37		
1.4	256QAM	6	0	19.28	19.50	19.33	20.5	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	24.98	25.04	24.95	25.7	0
20	QPSK	1	49	24.87	24.96	24.90		
20	QPSK	1	99	24.90	24.93	24.87		
20	QPSK	50	0	23.94	24.06	23.99	24.7	1
20	QPSK	50	24	23.83	23.94	23.92		
20	QPSK	50	50	23.93	23.88	23.86		
20	QPSK	100	0	23.96	24.03	24.00		
20	16QAM	1	0	23.94	24.00	23.93	24.7	1
20	16QAM	1	49	23.84	23.90	23.96		
20	16QAM	1	99	23.89	23.99	23.85		
20	16QAM	50	0	22.92	23.05	22.93	23.7	2
20	16QAM	50	24	22.82	22.89	22.93		
20	16QAM	50	50	22.94	22.82	22.87		
20	16QAM	100	0	22.93	23.07	22.98		
20	64QAM	1	0	22.97	23.05	22.92	23.7	2
20	64QAM	1	49	22.83	22.86	23.00		
20	64QAM	1	99	22.94	22.99	22.80		
20	64QAM	50	0	21.89	22.08	21.97	22.7	3
20	64QAM	50	24	21.86	21.99	21.91		
20	64QAM	50	50	21.93	21.83	21.87		
20	64QAM	100	0	21.94	22.07	21.99		
20	256QAM	1	0	19.93	20.02	20.04	20.7	5
20	256QAM	1	49	19.87	19.97	19.92		
20	256QAM	1	99	19.91	19.83	19.91		
20	256QAM	50	0	19.92	20.06	20.02	20.7	5
20	256QAM	50	24	19.92	19.95	19.88		
20	256QAM	50	50	19.86	19.87	19.96		
20	256QAM	100	0	19.93	20.01	19.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.86	24.96	24.92	25.7	0
15	QPSK	1	37	24.74	24.90	24.86		
15	QPSK	1	74	24.82	24.89	24.80		
15	QPSK	36	0	23.91	24.02	23.91	24.7	1
15	QPSK	36	20	23.78	23.90	23.83		
15	QPSK	36	39	23.82	23.79	23.78		
15	QPSK	75	0	23.87	23.90	23.97		
15	16QAM	1	0	23.81	23.90	23.84	24.7	1
15	16QAM	1	37	23.71	23.81	23.86		
15	16QAM	1	74	23.81	23.96	23.81		
15	16QAM	36	0	22.82	22.92	22.82	23.7	2
15	16QAM	36	20	22.80	22.79	22.80		
15	16QAM	36	39	22.88	22.76	22.81		
15	16QAM	75	0	22.90	23.02	22.88		
15	64QAM	1	0	22.84	22.97	22.83	23.7	2
15	64QAM	1	37	22.79	22.82	22.91		
15	64QAM	1	74	22.81	22.88	22.75		
15	64QAM	36	0	21.82	21.97	21.94	22.7	3
15	64QAM	36	20	21.72	21.86	21.85		
15	64QAM	36	39	21.80	21.78	21.81		
15	64QAM	75	0	21.89	22.04	21.90		
15	256QAM	1	0	19.87	19.97	19.93	20.7	5
15	256QAM	1	37	19.73	19.86	19.78		
15	256QAM	1	74	19.80	19.81	19.83		
15	256QAM	36	0	19.86	19.97	19.92	20.7	5
15	256QAM	36	20	19.80	19.87	19.77		
15	256QAM	36	39	19.79	19.75	19.87		
15	256QAM	75	0	19.86	19.90	19.75		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.95	24.96	24.87	25.7	0
10	QPSK	1	25	24.82	24.87	24.86		
10	QPSK	1	49	24.77	24.91	24.74		
10	QPSK	25	0	23.90	24.01	23.91	24.7	1
10	QPSK	25	13	23.71	23.82	23.82		
10	QPSK	25	25	23.83	23.77	23.75		
10	QPSK	50	0	23.88	23.95	23.97		
10	16QAM	1	0	23.88	23.90	23.86	24.7	1
10	16QAM	1	25	23.76	23.79	23.83		
10	16QAM	1	49	23.86	23.92	23.75		
10	16QAM	25	0	22.89	22.97	22.82	23.7	2
10	16QAM	25	12	22.78	22.76	22.86		
10	16QAM	25	25	22.91	22.76	22.84		
10	16QAM	50	0	22.80	22.95	22.87		
10	64QAM	1	0	22.90	23.00	22.89	23.7	2
10	64QAM	1	25	22.78	22.79	22.87		
10	64QAM	1	49	22.84	22.94	22.74		
10	64QAM	25	0	21.85	21.95	21.91	22.7	3
10	64QAM	25	12	21.84	21.85	21.81		
10	64QAM	25	25	21.80	21.80	21.80		
10	64QAM	50	0	21.84	21.94	21.90		
10	256QAM	1	0	19.82	19.95	19.91	20.7	5
10	256QAM	1	25	19.74	19.93	19.86		
10	256QAM	1	49	19.81	19.81	19.77		
10	256QAM	25	0	19.81	19.98	19.89	20.7	5
10	256QAM	25	12	19.89	19.88	19.80		
10	256QAM	25	25	19.75	19.83	19.83		
10	256QAM	50	0	19.84	19.98	19.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.93	25.01	24.89	25.7	0
5	QPSK	1	12	24.76	24.93	24.82		
5	QPSK	1	24	24.80	24.88	24.81		
5	QPSK	12	0	23.90	23.97	23.85	24.7	1
5	QPSK	12	7	23.69	23.88	23.80		
5	QPSK	12	13	23.84	23.85	23.83		
5	QPSK	25	0	23.93	23.98	23.95		
5	16QAM	1	0	23.87	23.96	23.87	24.7	1
5	16QAM	1	12	23.72	23.78	23.83		
5	16QAM	1	24	23.80	23.86	23.73		
5	16QAM	12	0	22.79	22.93	22.86	23.7	2
5	16QAM	12	7	22.78	22.86	22.91		
5	16QAM	12	13	22.86	22.72	22.82		
5	16QAM	25	0	22.90	23.04	22.90		
5	64QAM	1	0	22.91	22.99	22.83	23.7	2
5	64QAM	1	12	22.71	22.82	22.95		
5	64QAM	1	24	22.81	22.94	22.76		
5	64QAM	12	0	21.84	21.99	21.92	22.7	3
5	64QAM	12	7	21.81	21.87	21.79		
5	64QAM	12	13	21.80	21.81	21.83		
5	64QAM	25	0	21.90	21.96	21.91		
5	256QAM	1	0	19.80	19.95	19.98	20.7	5
5	256QAM	1	12	19.74	19.90	19.89		
5	256QAM	1	24	19.88	19.80	19.89		
5	256QAM	12	0	19.94	20.03	19.92	20.7	5
5	256QAM	12	7	19.90	19.91	19.75		
5	256QAM	12	13	19.83	19.79	19.86		
5	256QAM	25	0	19.86	19.91	19.81		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.88	24.96	24.91	25.7	0
3	QPSK	1	8	24.74	24.86	24.82		
3	QPSK	1	14	24.79	24.90	24.82		
3	QPSK	8	0	23.90	24.02	23.93	24.7	1
3	QPSK	8	4	23.80	23.90	23.84		
3	QPSK	8	7	23.84	23.79	23.81		
3	QPSK	15	0	23.89	23.99	23.95		
3	16QAM	1	0	23.86	23.89	23.87	24.7	1
3	16QAM	1	8	23.72	23.77	23.89		
3	16QAM	1	14	23.76	23.93	23.79		
3	16QAM	8	0	22.85	23.01	22.88	23.7	2
3	16QAM	8	4	22.75	22.79	22.84		
3	16QAM	8	7	22.85	22.75	22.73		
3	16QAM	15	0	22.83	23.01	22.91		
3	64QAM	1	0	22.91	22.96	22.88	23.7	2
3	64QAM	1	8	22.79	22.82	22.93		
3	64QAM	1	14	22.92	22.91	22.75		
3	64QAM	8	0	21.81	21.96	21.95	22.7	3
3	64QAM	8	4	21.82	21.85	21.87		
3	64QAM	8	7	21.83	21.71	21.81		
3	64QAM	15	0	21.88	21.98	21.88		
3	256QAM	1	0	19.85	19.99	19.95	20.7	5
3	256QAM	1	8	19.77	19.87	19.82		
3	256QAM	1	14	19.89	19.75	19.77		
3	256QAM	8	0	19.82	20.03	19.89	20.7	5
3	256QAM	8	4	19.90	19.90	19.82		
3	256QAM	8	7	19.82	19.78	19.89		
3	256QAM	15	0	19.89	19.92	19.70		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.87	25.00	24.85	25.7	0
1.4	QPSK	1	3	24.77	24.93	24.82		
1.4	QPSK	1	5	24.79	24.88	24.81		
1.4	QPSK	3	0	24.76	24.94	24.79		
1.4	QPSK	3	1	24.75	24.81	24.69		
1.4	QPSK	3	3	24.75	24.85	24.69		
1.4	QPSK	6	0	23.87	23.93	23.97	24.7	1
1.4	16QAM	1	0	23.81	23.94	23.81	24.7	1
1.4	16QAM	1	3	23.72	23.84	23.84		
1.4	16QAM	1	5	23.77	23.85	23.72		
1.4	16QAM	3	0	23.74	23.80	23.86		
1.4	16QAM	3	1	23.68	23.84	23.79		
1.4	16QAM	3	3	23.64	23.78	23.72		
1.4	16QAM	6	0	22.87	22.96	22.85	23.7	2
1.4	64QAM	1	0	22.86	22.94	22.86	23.7	2
1.4	64QAM	1	3	22.71	22.76	22.87		
1.4	64QAM	1	5	22.81	22.90	22.70		
1.4	64QAM	3	0	22.76	22.82	22.82		
1.4	64QAM	3	1	22.78	22.82	22.74		
1.4	64QAM	3	3	22.67	22.69	22.83		
1.4	64QAM	6	0	21.89	22.02	21.93	22.7	3
1.4	256QAM	1	0	19.82	19.89	19.96	20.7	5
1.4	256QAM	1	3	19.79	19.84	19.80		
1.4	256QAM	1	5	19.79	19.75	19.77		
1.4	256QAM	3	0	19.79	20.02	19.99		
1.4	256QAM	3	1	19.80	19.92	19.83		
1.4	256QAM	3	3	19.72	19.82	19.86		
1.4	256QAM	6	0	19.81	19.99	19.74	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	25.08	25.10	24.97	25.7	0
20	QPSK	1	49	24.97	25.05	24.93		
20	QPSK	1	99	25.02	25.01	24.90		
20	QPSK	50	0	24.05	24.13	23.94	24.7	1
20	QPSK	50	24	23.93	24.04	23.98		
20	QPSK	50	50	23.99	23.95	23.91		
20	QPSK	100	0	24.07	24.11	23.96		
20	16QAM	1	0	24.07	24.08	23.92	24.7	1
20	16QAM	1	49

Band 66 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.97	25.05	24.91		
20	QPSK	1	49	24.84	24.95	24.88	25.7	0
20	QPSK	1	99	24.94	24.94	24.87		
20	QPSK	50	0	23.95	24.08	23.87		
20	QPSK	50	24	23.81	23.97	23.85	24.7	1
20	QPSK	50	50	23.89	23.97	23.82		
20	QPSK	100	0	24.01	24.05	23.93		
20	16QAM	1	0	23.98	24.02	23.96		
20	16QAM	1	49	23.83	23.94	23.89	24.7	1
20	16QAM	1	99	23.96	23.97	23.88		
20	16QAM	50	0	22.91	23.07	22.81		
20	16QAM	50	24	22.79	22.99	22.89	23.7	2
20	16QAM	50	50	22.93	22.93	22.77		
20	16QAM	100	0	23.01	23.04	22.92		
20	64QAM	1	0	22.93	23.05	22.99		
20	64QAM	1	49	22.84	22.97	22.91	23.7	2
20	64QAM	1	99	22.96	22.99	22.86		
20	64QAM	50	0	22.01	22.08	21.92		
20	64QAM	50	24	21.84	21.99	21.85	22.7	3
20	64QAM	50	50	21.93	21.92	21.79		
20	64QAM	100	0	21.98	22.01	21.96		
20	256QAM	1	0	19.93	19.99	19.88		
20	256QAM	1	49	19.78	19.98	19.83	20.7	5
20	256QAM	1	99	19.90	20.00	19.87		
20	256QAM	50	0	20.06	19.99	19.93		
20	256QAM	50	24	19.94	20.03	20.00	20.7	5
20	256QAM	50	50	19.88	19.90	19.83		
20	256QAM	100	0	19.94	19.91	19.91		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.87	24.88	24.88		
15	QPSK	1	37	24.82	24.90	24.81	25.7	0
15	QPSK	1	74	24.83	24.90	24.74		
15	QPSK	36	0	23.83	23.95	23.84		
15	QPSK	36	20	23.72	23.94	23.83	24.7	1
15	QPSK	36	39	23.78	23.94	23.70		
15	QPSK	75	0	23.99	23.97	23.85		
15	16QAM	1	0	23.91	23.90	23.83		
15	16QAM	1	37	23.72	23.89	23.86	24.7	1
15	16QAM	1	74	23.83	23.87	23.86		
15	16QAM	36	0	22.83	23.00	22.70		
15	16QAM	36	20	22.66	22.93	22.86	23.7	2
15	16QAM	36	39	22.86	22.79	22.65		
15	16QAM	75	0	22.93	22.99	22.84		
15	64QAM	1	0	22.89	22.91	22.90		
15	64QAM	1	37	22.71	22.88	22.82	23.7	2
15	64QAM	1	74	22.90	22.91	22.74		
15	64QAM	36	0	21.95	21.99	21.82		
15	64QAM	36	20	21.73	21.95	21.82	22.7	3
15	64QAM	36	39	21.81	21.81	21.71		
15	64QAM	75	0	21.89	21.88	21.82		
15	256QAM	1	0	19.82	19.95	19.78		
15	256QAM	1	37	19.69	19.92	19.74	20.7	5
15	256QAM	1	74	19.84	19.86	19.84		
15	256QAM	36	0	20.00	19.92	19.81		
15	256QAM	36	20	19.90	19.94	19.89	20.7	5
15	256QAM	36	39	19.83	19.78	19.77		
15	256QAM	75	0	19.89	19.84	19.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.92	24.97	24.87		
10	QPSK	1	25	24.79	24.90	24.82	25.7	0
10	QPSK	1	49	24.87	24.90	24.78		
10	QPSK	25	0	23.90	23.89	23.78		
10	QPSK	25	12	23.69	23.91	23.75	24.7	1
10	QPSK	25	25	23.80	23.92	23.73		
10	QPSK	50	0	23.95	24.00	23.88		
10	16QAM	1	0	23.90	23.89	23.93		
10	16QAM	1	25	23.72	23.87	23.76	24.7	1
10	16QAM	1	49	23.89	23.93	23.81		
10	16QAM	25	0	22.89	23.00	22.72		
10	16QAM	25	12	22.66	22.95	22.76	23.7	2
10	16QAM	25	25	22.85	22.81	22.70		
10	16QAM	50	0	22.90	22.95	22.83		
10	64QAM	1	0	22.84	22.94	22.97		
10	64QAM	1	25	22.73	22.88	22.82	23.7	2
10	64QAM	1	49	22.92	22.92	22.78		
10	64QAM	25	0	21.88	21.99	21.83		
10	64QAM	25	12	21.76	21.93	21.74	22.7	3
10	64QAM	25	25	21.85	21.83	21.71		
10	64QAM	50	0	21.86	21.90	21.94		
10	256QAM	1	0	19.81	19.94	19.74		
10	256QAM	1	25	19.70	19.95	19.76	20.7	5
10	256QAM	1	49	19.87	19.91	19.77		
10	256QAM	25	0	19.94	19.95	19.87		
10	256QAM	25	12	19.83	19.97	19.98	20.7	5
10	256QAM	25	25	19.79	19.86	19.80		
10	256QAM	50	0	19.87	19.88	19.77		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.84	24.98	24.80		
5	QPSK	1	12	24.71	24.86	24.81	25.7	0
5	QPSK	1	24	24.89	24.87	24.78		
5	QPSK	12	0	23.93	23.93	23.80		
5	QPSK	12	7	23.68	23.95	23.78	24.7	1
5	QPSK	12	13	23.80	23.87	23.73		
5	QPSK	25	0	23.92	23.93	23.85		
5	16QAM	1	0	23.86	23.94	23.90		
5	16QAM	1	12	23.71	23.92	23.77	24.7	1
5	16QAM	1	24	23.85	23.85	23.80		
5	16QAM	12	0	22.87	23.03	22.77		
5	16QAM	12	7	22.72	22.96	22.82	23.7	2
5	16QAM	12	13	22.83	22.88	22.69		
5	16QAM	25	0	22.90	22.97	22.81		
5	64QAM	1	0	22.87	22.92	22.95		
5	64QAM	1	12	22.77	22.95	22.88	23.7	2
5	64QAM	1	24	22.83	22.88	22.76		
5	64QAM	12	0	21.89	21.94	21.86		
5	64QAM	12	7	21.74	21.89	21.75	22.7	3
5	64QAM	12	13	21.87	21.82	21.73		
5	64QAM	25	0	21.91	21.94	21.92		
5	256QAM	1	0	19.89	19.93	19.81		
5	256QAM	1	12	19.67	19.88	19.76	20.7	5
5	256QAM	1	24	19.88	19.93	19.84		
5	256QAM	12	0	19.97	19.97	19.83		
5	256QAM	12	7	19.90	19.98	19.89	20.7	5
5	256QAM	12	13	19.79	19.82	19.74		
5	256QAM	25	0	19.82	19.85	19.80		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.89	24.89	24.85		
3	QPSK	1	8	24.75	24.82	24.75	25.7	0
3	QPSK	1	14	24.86	24.90	24.83		
3	QPSK	8	0	23.85	23.96	23.80		
3	QPSK	8	4	23.70	23.89	23.78	24.7	1
3	QPSK	8	7	23.77	23.90	23.74		
3	QPSK	15	0	23.94	23.98	23.87		
3	16QAM	1	0	23.95	23.93	23.86		
3	16QAM	1	8	23.73	23.80	23.86	24.7	1
3	16QAM	1	14	23.90	23.91	23.78		
3	16QAM	8	0	22.89	22.99	22.71		
3	16QAM	8	4	22.69	22.90	22.87	23.7	2
3	16QAM	8	7	22.86	22.89	22.73		
3	16QAM	15	0	22.87	22.95	22.82		
3	64QAM	1	0	22.87	22.97	22.86		
3	64QAM	1	8	22.76	22.90	22.86	23.7	2
3	64QAM	1	14	22.92	22.96	22.72		
3	64QAM	8	0	21.92	21.97	21.88		
3	64QAM	8	4	21.73	21.94	21.73	22.7	3
3	64QAM	8	7	21.85	21.82	21.75		
3	64QAM	15	0	21.89	21.91	21.84		
3	256QAM	1	0	19.86	19.92	19.86		
3	256QAM	1	8	19.66	19.92	19.70	20.7	5
3	256QAM	1	14	19.81	19.97	19.83		
3	256QAM	8	0	19.94	19.94	19.90		
3	256QAM	8	4	19.88	19.92	19.92	20.7	5
3	256QAM	8	7	19.83	19.85	19.77		
3	256QAM	15	0	19.90	19.83	19.89		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.89	24.97	24.77		
1.4	QPSK	1	3	24.82	24.82	24.85		
1.4	QPSK	1	5	24.80	24.85	24.78	25.7	0
1.4	QPSK	3	0	24.79	24.90	24.69		
1.4	QPSK	3	1	24.72	24.75	24.71		
1.4	QPSK	3	3	24.77	24.72	24.72		
1.4	QPSK	6	0	23.95	23.95	23.85	24.7	1
1.4	16QAM	1	0	23.88	23.95	23.89		
1.4	16QAM	1	3	23.74	23.90	23.79		
1.4	16QAM	1	5	23.89	23.84	23.84	24.7	1
1.4	16QAM	3	0	23.89	23.85	23.72		
1.4	16QAM	3	1	23.85	23.92	23.79		
1.4	16QAM	3	3	23.63	23.80	23.73		
1.4	16QAM	6	0	22.98	22.98	22.78	23.7	2
1.4	64QAM	1	0	22.88	22.92	22.95		
1.4	64QAM	1	3	22.72	22.93	22.88		
1.4	64QAM	1	5	22.89	22.91	22.81	23.7	2
1.4	64QAM	3	0	22.91	22.95	22.66		
1.4	64QAM	3	1	22.78	22.83	22.86		
1.4	64QAM	3	3	22.69	22.89	22.82		
1.4	64QAM	6	0	21.85	21.93	21.83	22.7	3
1.4	256QAM	1	0	19.90	19.89	19.82		
1.4	256QAM	1	3	19.73	19.90	19.73		
1.4	256QAM	1	5	19.77	19.92	19.80	20.7	5
1.4	256QAM	3	0	19.94	19.93	19.88		
1.4	256QAM	3	1	19.81	19.92	19.87		
1.4	256QAM	3	3	19.85	19.79	19.73		
1.4	256QAM	6	0	19.90	19.88	19.80	20.7	5

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	24.88	24.94	24.85	25.7	0
20	QPSK	1	49	24.78	24.92	24.72		
20	QPSK	1	99	24.78	24.89	24.73		
20	QPSK	50	0	23.85	23.96	23.80	24.7	1
20	QPSK	50	24	23.84	23.92	23.70		
20	QPSK	50	50	23.80	23.88	23.74		
20	QPSK	100	0	23.91	23.94	23.81		
20	16QAM	1	0	23.91	23.92	23.88	24.7	1
20	16QAM	1	49	23.73	23.88	23.72		
20	16QAM	1	99	23.82	23.87	23.71		
20	16QAM	50	0	22.83	23.00	22.74	23.7	2
20	16QAM	50	24	22.89	22.95	22.68		
20	16QAM	50	50	22.85	22.85	22.75		
20	16QAM	100	0	22.92	23.00	22.83		
20	64QAM	1	0	22.86	22.90	22.91	23.7	2
20	64QAM	1	49	22.73	22.93	22.72		
20	64QAM	1	99	22.87	22.92	22.76		
20	64QAM	50	0	21.84	21.91	21.78	22.7	3
20	64QAM	50	24	21.83	21.97	21.70		
20	64QAM	50	50	21.84	21.88	21.69		
20	64QAM	100	0	21.90	21.92	21.78		
20	256QAM	1	0	19.84	19.95	19.80	20.7	5
20	256QAM	1	49	19.89	19.87	19.76		
20	256QAM	1	99	19.78	19.87	19.70		
20	256QAM	50	0	19.92	19.89	19.83	20.7	5
20	256QAM	50	24	19.96	19.96	19.93		
20	256QAM	50	50	19.72	19.83	19.68		
20	256QAM	100	0	19.78	19.88	19.71		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.80	24.90	24.82	25.7	0
15	QPSK	1	37	24.67	24.79	24.61		
15	QPSK	1	74	24.65	24.83	24.66		
15	QPSK	36	0	23.77	23.87	23.74	24.7	1
15	QPSK	36	20	23.78	23.81	23.61		
15	QPSK	36	39	23.76	23.77	23.62		
15	QPSK	75	0	23.82	23.86	23.78		
15	16QAM	1	0	23.79	23.86	23.82	24.7	1
15	16QAM	1	37	23.68	23.84	23.62		
15	16QAM	1	74	23.74	23.83	23.66		
15	16QAM	36	0	22.75	22.92	22.67	23.7	2
15	16QAM	36	20	22.76	22.82	22.62		
15	16QAM	36	39	22.75	22.78	22.69		
15	16QAM	75	0	22.82	22.96	22.78		
15	64QAM	1	0	22.76	22.86	22.81	23.7	2
15	64QAM	1	37	22.65	22.80	22.59		
15	64QAM	1	74	22.74	22.81	22.70		
15	64QAM	36	0	21.76	21.84	21.68	22.7	3
15	64QAM	36	20	21.73	21.88	21.58		
15	64QAM	36	39	21.76	21.76	21.67		
15	64QAM	75	0	21.84	21.89	21.75		
15	256QAM	1	0	19.78	19.87	19.69	20.7	5
15	256QAM	1	37	19.86	19.78	19.66		
15	256QAM	1	74	19.64	19.83	19.62		
15	256QAM	36	0	19.86	19.79	19.76	20.7	5
15	256QAM	36	20	19.92	19.87	19.89		
15	256QAM	36	39	19.64	19.78	19.55		
15	256QAM	75	0	19.67	19.84	19.67		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.84	24.85	24.79	25.7	0
10	QPSK	1	25	24.75	24.84	24.67		
10	QPSK	1	49	24.73	24.87	24.65		
10	QPSK	25	0	23.81	23.88	23.75	24.7	1
10	QPSK	25	12	23.71	23.89	23.57		
10	QPSK	25	25	23.75	23.76	23.64		
10	QPSK	50	0	23.87	23.86	23.76		
10	16QAM	1	0	23.79	23.89	23.82	24.7	1
10	16QAM	1	25	23.71	23.80	23.63		
10	16QAM	1	49	23.70	23.78	23.65		
10	16QAM	25	0	22.73	22.88	22.66	23.7	2
10	16QAM	25	12	22.79	22.85	22.65		
10	16QAM	25	25	22.72	22.81	22.64		
10	16QAM	50	0	22.82	22.97	22.69		
10	64QAM	1	0	22.73	22.85	22.78	23.7	2
10	64QAM	1	25	22.63	22.84	22.70		
10	64QAM	1	49	22.80	22.79	22.65		
10	64QAM	25	0	21.81	21.83	21.73	22.7	3
10	64QAM	25	12	21.76	21.93	21.56		
10	64QAM	25	25	21.77	21.79	21.62		
10	64QAM	50	0	21.76	21.84	21.69		
10	256QAM	1	0	19.76	19.81	19.69	20.7	5
10	256QAM	1	25	19.80	19.82	19.73		
10	256QAM	1	49	19.72	19.73	19.67		
10	256QAM	25	0	19.82	19.80	19.71	20.7	5
10	256QAM	25	12	19.87	19.85	19.84		
10	256QAM	25	25	19.59	19.71	19.65		
10	256QAM	50	0	19.76	19.79	19.68		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.80	24.81	24.77	25.7	0
5	QPSK	1	12	24.72	24.89	24.59		
5	QPSK	1	24	24.71	24.78	24.69		
5	QPSK	12	0	23.79	23.91	23.78	24.7	1
5	QPSK	12	7	23.81	23.90	23.66		
5	QPSK	12	13	23.76	23.86	23.72		
5	QPSK	25	0	23.85	23.82	23.69		
5	16QAM	1	0	23.85	23.86	23.77	24.7	1
5	16QAM	1	12	23.63	23.81	23.66		
5	16QAM	1	24	23.80	23.80	23.62		
5	16QAM	12	0	22.80	22.89	22.69	23.7	2
5	16QAM	12	7	22.77	22.82	22.63		
5	16QAM	12	13	22.75	22.72	22.64		
5	16QAM	25	0	22.79	22.89	22.70		
5	64QAM	1	0	22.81	22.87	22.80	23.7	2
5	64QAM	1	12	22.59	22.90	22.64		
5	64QAM	1	24	22.74	22.86	22.73		
5	64QAM	12	0	21.80	21.84	21.68	22.7	3
5	64QAM	12	7	21.78	21.85	21.56		
5	64QAM	12	13	21.72	21.80	21.56		
5	64QAM	25	0	21.80	21.84	21.75		
5	256QAM	1	0	19.71	19.88	19.77	20.7	5
5	256QAM	1	12	19.85	19.84	19.69		
5	256QAM	1	24	19.69	19.83	19.59		
5	256QAM	12	0	19.83	19.87	19.79	20.7	5
5	256QAM	12	7	19.84	19.89	19.87		
5	256QAM	12	13	19.61	19.80	19.57		
5	256QAM	25	0	19.65	19.79	19.68		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.91	24.89	24.96	24.87	24.94	25.7	0
20	QPSK	1	49	24.80	24.78	24.93	24.73	24.85		
20	QPSK	1	99	24.81	24.80	24.92	24.76	24.89		
20	QPSK	50	0	23.91	23.86	24.00	23.90	23.88	24.7	1
20	QPSK	50	24	23.81	23.77	23.97	23.70	23.82		
20	QPSK	50	50	23.84	23.76	23.90	23.75	23.92		
20	QPSK	100	0	23.89	23.93	23.98	23.87	23.96		
20	16QAM	1	0	23.94	23.94	23.95	23.86	23.92	24.7	1
20	16QAM	1	49	23.75	23.83	23.94	23.73	23.82		
20	16QAM	1	99	23.78	23.83	23.92	23.77	23.91		
20	16QAM	50	0	22.92	22.89	23.01	22.95	22.83	23.7	2
20	16QAM	50	24	22.77	22.81	22.92	22.68	22.83		
20	16QAM	50	50	22.90	22.75	22.87	22.78	22.94		
20	16QAM	100	0	22.90	22.96	22.96	22.86	22.96		
20	64QAM	1	0	22.96	22.92	22.95	22.92	22.89	23.7	2
20	64QAM	1	49	22.79	22.80	22.92	22.77	22.76		
20	64QAM	1	99	22.80	22.88	22.88	22.72	22.93		
20	64QAM	50	0	21.89	21.86	22.05	21.88	21.86	22.7	3
20	64QAM	50	24	21.87	21.76	22.01	21.69	21.76		
20	64QAM	50	50	21.85	21.75	21.88	21.73	21.88		
20	64QAM	100	0	21.83	21.97	21.99	21.93	21.95		
20	256QAM	1	0	19.96	19.86	20.04	19.88	19.83	20.7	5
20	256QAM	1	49	19.87	19.81	19.99	19.74	19.88		
20	256QAM	1	99	19.80	19.76	19.88	19.76	19.86		
20	256QAM	50	0	19.87	19.93	19.92	19.86	19.97	20.7	5
20	256QAM	50	24	19.94	19.89	19.92	19.84	19.92		
20	256QAM	50	50	19.77	19.80	19.93	19.71	19.80		
20	256QAM	100	0	19.74	19.88	19.89	19.82	19.88		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.87	24.79	24.93	24.79	24.90	25.70	0
15	QPSK	1	37	24.67	24.64	24.86	24.59	24.81		
15	QPSK	1	74	24.77	24.68	24.88	24.70	24.80		
15	QPSK	36	0	23.85	23.77	23.98	23.82	23.81	24.7	1
15	QPSK	36	20	23.77	23.64	23.93	23.67	23.69		
15	QPSK	36	39	23.79	23.63	23.86	23.62	23.86		
15	QPSK	75	0	23.77	23.84	23.92	23.84	23.82		
15	16QAM	1	0	23.91	23.83	23.88	23.76	23.86	24.7	1
15	16QAM	1	37	23.64	23.73	23.89	23.65	23.71		
15	16QAM	1	74	23.71	23.76	23.90	23.66	23.78		
15	16QAM	36	0	22.81	22.85	22.91	22.92	22.75	23.7	2
15	16QAM	36	20	22.67	22.74	22.86	22.62	22.75		
15	16QAM	36	39	22.77	22.65	22.78	22.71	22.88		
15	16QAM	75	0	22.86	22.90	22.94	22.78	22.89		
15	64QAM	1	0	22.90	22.84	22.84	22.90	22.83	23.7	2
15	64QAM	1	37	22.71	22.76	22.85	22.68	22.62		
15	64QAM	1	74	22.70	22.76	22.80	22.60	22.88		
15	64QAM	36	0	21.81	21.75	21.99	21.84	21.80	22.7	3
15	64QAM	36	20	21.74	21.68	21.97	21.63	21.65		
15	64QAM	36	39	21.78	21.69	21.77	21.71	21.78		
15	64QAM	75	0	21.76	21.84	21.85	21.83	21.83		
15	256QAM	1	0	19.85	19.78	19.94	19.85	19.70	20.7	5
15	256QAM	1	37	19.74	19.69	19.94	19.61	19.77		
15	256QAM	1	74	19.73	19.63	19.79	19.63	19.78		
15	256QAM	36	0	19.75	19.88	19.89	19.79	19.84	20.7	5
15	256QAM	36	20	19.87	19.76	19.88	19.76	19.87		
15	256QAM	36	39	19.72	19.71	19.86	19.63	19.71		
15	256QAM	75	0	19.70	19.81	19.76	19.68	19.82		
Channel				39700	40150	40620	41090	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.77	24.84	24.83	24.82	24.86	25.70	0
10	QPSK	1	25	24.77	24.64	24.90	24.64	24.76		
10	QPSK	1	49	24.78	24.70	24.80	24.70	24.85		
10	QPSK	25	0	23.79	23.76	23.88	23.82	23.76	24.7	1
10	QPSK	25	12	23.71	23.67	23.88	23.67	23.79		
10	QPSK	25	25	23.76	23.65	23.79	23.68	23.86		
10	QPSK	50	0	23.82	23.91	23.90	23.73	23.82		
10	16QAM	1	0	23.91	23.81	23.84	23.73	23.79	24.7	1
10	16QAM	1	25	23.62	23.76	23.90	23.60	23.73		
10	16QAM	1	49	23.70	23.76	23.83	23.71	23.85		
10	16QAM	25	0	22.79	22.85	22.91	22.85	22.74	23.7	2
10	16QAM	25	12	22.69	22.75	22.82	22.55	22.75		
10	16QAM	25	25	22.87	22.70	22.78	22.74	22.82		
10	16QAM	50	0	22.83	22.93	22.90	22.74	22.87		
10	64QAM	1	0	22.84	22.85	22.91	22.82	22.81	23.7	2
10	64QAM	1	25	22.76	22.76	22.81	22.73	22.64		
10	64QAM	1	49	22.73	22.77	22.81	22.66	22.80		
10	64QAM	25	0	21.77	21.73	22.02	21.84	21.77	22.7	3
10	64QAM	25	12	21.83	21.65	21.91	21.67	21.64		
10	64QAM	25	25	21.74	21.72	21.78	21.63	21.80		
10	64QAM	50	0	21.73	21.87	21.89	21.84	21.85		
10	256QAM	1	0	19.84	19.72	20.00	19.86	19.78	20.7	5
10	256QAM	1	25	19.84	19.78	19.93	19.62	19.77		
10	256QAM	1	49	19.69	19.65	19.81	19.73	19.75		
10	256QAM	25	0	19.82	19.87	19.81	19.80	19.92	20.7	5
10	256QAM	25	12	19.81	19.79	19.88	19.82	19.80		
10	256QAM	25	25	19.67	19.70	19.81	19.60	19.66		
10	256QAM	50	0	19.62	19.74	19.79	19.80	19.82		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.77	24.82	24.92	24.85	24.89	25.70	0
5	QPSK	1	12	24.70	24.66	24.82	24.69	24.81		
5	QPSK	1	24	24.78	24.77	24.82	24.70	24.80		
5	QPSK	12	0	23.87	23.82	23.91	23.78	23.78	24.7	1
5	QPSK	12	7	23.70	23.64	23.88	23.65	23.70		
5	QPSK	12	13	23.72	23.65	23.84	23.70	23.88		
5	QPSK	25	0	23.83	23.83	23.95	23.79	23.88		
5	16QAM	1	0	23.82	23.87	23.84	23.77	23.86	24.7	1
5	16QAM	1	12	23.71	23.76	23.89	23.71	23.68		
5	16QAM	1	24	23.68	23.74	23.85	23.73	23.81		
5	16QAM	12	0	22.79	22.77	22.96	22.90	22.70	23.7	2
5	16QAM	12	7	22.66	22.68	22.86	22.58	22.70		
5	16QAM	12	13	22.78	22.73	22.78	22.67	22.88		
5	16QAM	25	0	22.86	22.92	22.85	22.72	22.93		
5	64QAM	1	0	22.90	22.89	22.84	22.85	22.86	23.7	2
5	64QAM	1	12	22.68	22.73	22.90	22.66	22.65		
5	64QAM	1	24	22.71	22.79	22.84	22.61	22.84		
5	64QAM	12	0	21.84	21.83	21.99	21.74	21.77	22.7	3
5	64QAM	12	7	21.79	21.67	21.98	21.67	21.71		
5	64QAM	12	13	21.73	21.71	21.76	21.68	21.74		
5	64QAM	25	0	21.74	21.92	21.96	21.83	21.84		
5	256QAM	1	0	19.83	19.73	19.97	19.83	19.75	20.7	5
5	256QAM	1	12	19.74	19.73	19.88	19.68	19.83		
5	256QAM	1	24	19.74	19.70	19.75	19.71	19.72		
5	256QAM	12	0	19.84	19.90	19.86	19.83	19.89	20.7	5
5	256QAM	12	7	19.91	19.79	19.85	19.76	19.84		
5	256QAM	12	13	19.70	19.72	19.84	19.58	19.67		
5	256QAM	25	0	19.62	19.78	19.86	19.69	19.79		

Band 2 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.10	24.15	24.12	25.5	0
20	QPSK	1	49	24.07	24.13	24.06		
20	QPSK	1	99	23.97	24.11	24.08		
20	QPSK	50	0	23.06	23.19	23.07	24.5	1
20	QPSK	50	24	23.07	23.13	23.07		
20	QPSK	50	50	22.96	23.16	23.13		
20	QPSK	100	0	23.08	23.16	23.11		
20	16QAM	1	0	23.07	23.16	23.10	24.5	1
20	16QAM	1	49	23.13	23.09	23.04		
20	16QAM	1	99	22.98	23.16	23.04		
20	16QAM	50	0	22.02	22.23	22.06	23.5	2
20	16QAM	50	24	22.05	22.09	22.12		
20	16QAM	50	50	22.00	22.12	22.08		
20	16QAM	100	0	22.14	22.20	22.15		
20	64QAM	1	0	22.09	22.11	22.09	23.5	2
20	64QAM	1	49	22.07	22.09	22.03		
20	64QAM	1	99	21.99	22.16	22.05		
20	64QAM	50	0	21.01	21.16	21.12	22.5	3
20	64QAM	50	24	21.04	21.09	21.12		
20	64QAM	50	50	20.96	21.20	21.17		
20	64QAM	100	0	21.07	21.14	21.13		
20	256QAM	1	0	19.06	19.24	19.09	20.5	5
20	256QAM	1	49	19.08	19.16	19.13		
20	256QAM	1	99	18.95	19.11	19.09		
20	256QAM	50	0	19.11	19.10	19.07	20.5	5
20	256QAM	50	24	19.12	19.18	19.12		
20	256QAM	50	50	19.15	19.14	18.98		
20	256QAM	100	0	19.02	19.19	19.03		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.01	24.13	24.10	25.5	0
15	QPSK	1	37	23.96	24.01	23.95		
15	QPSK	1	74	23.84	23.97	23.98		
15	QPSK	36	0	22.93	23.16	23.03	24.5	1
15	QPSK	36	20	22.99	23.07	22.94		
15	QPSK	36	39	22.83	23.03	23.08		
15	QPSK	75	0	23.02	23.12	23.03		
15	16QAM	1	0	22.97	23.02	23.07	24.5	1
15	16QAM	1	37	23.06	23.05	23.00		
15	16QAM	1	74	22.84	23.10	22.96		
15	16QAM	36	0	21.96	22.20	22.00	23.5	2
15	16QAM	36	20	22.02	21.96	22.08		
15	16QAM	36	39	21.90	22.08	21.98		
15	16QAM	75	0	22.11	22.12	22.02		
15	64QAM	1	0	22.07	22.07	22.04	23.5	2
15	64QAM	1	37	22.04	21.99	21.98		
15	64QAM	1	74	21.89	22.03	21.96		
15	64QAM	36	0	20.88	21.06	20.99	22.5	3
15	64QAM	36	20	20.97	21.03	21.00		
15	64QAM	36	39	20.89	21.17	21.09		
15	64QAM	75	0	20.94	21.08	21.07		
15	256QAM	1	0	19.02	19.14	19.02	20.5	5
15	256QAM	1	37	18.99	19.04	19.07		
15	256QAM	1	74	18.91	19.04	19.01		
15	256QAM	36	0	19.03	18.99	18.95	20.5	5
15	256QAM	36	20	19.06	19.04	19.07		
15	256QAM	36	39	19.13	19.07	18.87		
15	256QAM	75	0	18.92	19.08	18.99		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.03	24.04	24.00	25.5	0
10	QPSK	1	25	24.01	24.06	24.00		
10	QPSK	1	49	23.93	24.02	24.00		
10	QPSK	25	0	23.01	23.11	22.97	24.5	1
10	QPSK	25	12	23.03	23.03	23.01		
10	QPSK	25	25	22.94	23.09	23.00		
10	QPSK	50	0	23.01	23.05	22.97		
10	16QAM	1	0	22.98	23.10	23.02	24.5	1
10	16QAM	1	25	23.06	22.99	22.97		
10	16QAM	1	49	22.85	23.09	22.99		
10	16QAM	25	0	21.91	22.20	22.01	23.5	2
10	16QAM	25	12	21.95	22.01	22.06		
10	16QAM	25	25	21.97	22.07	21.96		
10	16QAM	50	0	22.02	22.16	22.04		
10	64QAM	1	0	21.95	22.09	21.97	23.5	2
10	64QAM	1	25	22.02	22.04	21.92		
10	64QAM	1	49	21.86	22.12	21.93		
10	64QAM	25	0	20.96	21.14	21.07	22.5	3
10	64QAM	25	12	20.98	21.04	21.06		
10	64QAM	25	25	20.88	21.07	21.07		
10	64QAM	50	0	21.05	21.00	21.00		
10	256QAM	1	0	19.00	19.15	18.97	20.5	5
10	256QAM	1	25	19.01	19.04	19.09		
10	256QAM	1	49	18.82	19.06	18.95		
10	256QAM	25	0	19.09	19.03	18.93	20.5	5
10	256QAM	25	12	18.99	19.14	19.06		
10	256QAM	25	25	19.05	19.06	18.92		
10	256QAM	50	0	18.99	19.10	18.96		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.06	24.13	24.02	25.5	0
5	QPSK	1	12	23.94	24.00	23.98		
5	QPSK	1	24	23.89	24.00	24.03		
5	QPSK	12	0	22.92	23.13	22.96	24.5	1
5	QPSK	12	7	22.99	23.10	23.02		
5	QPSK	12	13	22.92	23.04	23.04		
5	QPSK	25	0	22.97	23.10	23.06		
5	16QAM	1	0	22.94	23.10	23.03	24.5	1
5	16QAM	1	12	23.03	23.02	22.91		
5	16QAM	1	24	22.88	23.07	22.94		
5	16QAM	12	0	21.99	22.10	22.01	23.5	2
5	16QAM	12	7	21.97	22.04	22.07		
5	16QAM	12	13	21.92	22.05	21.94		
5	16QAM	25	0	22.09	22.06	22.07		
5	64QAM	1	0	21.97	22.00	21.98	23.5	2
5	64QAM	1	12	21.98	22.06	21.92		
5	64QAM	1	24	21.91	22.02	22.00		
5	64QAM	12	0	20.96	21.10	21.05	22.5	3
5	64QAM	12	7	20.93	21.07	21.08		
5	64QAM	12	13	20.88	21.06	21.06		
5	64QAM	25	0	20.95	21.07	21.06		
5	256QAM	1	0	18.99	19.19	18.96	20.5	5
5	256QAM	1	12	18.96	19.05	19.07		
5	256QAM	1	24	18.90	19.01	18.96		
5	256QAM	12	0	19.05	19.02	18.96	20.5	5
5	256QAM	12	7	19.01	19.06	19.07		
5	256QAM	12	13	19.04	19.10	18.86		
5	256QAM	25	0	18.90	19.15	19.00		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.07	24.02	24.06	25.5	0
3	QPSK	1	8	23.94	24.04	23.97		
3	QPSK	1	14	23.92	24.01	24.02		
3	QPSK	8	0	22.97	23.12	23.00	24.5	1
3	QPSK	8	4	23.03	23.08	23.03		
3	QPSK	8	7	22.87	23.07	23.06		
3	QPSK	15	0	22.97	23.06	23.00		
3	16QAM	1	0	23.01	23.05	23.07	24.5	1
3	16QAM	1	8	23.11	23.07	22.96		
3	16QAM	1	14	22.85	23.04	22.94		
3	16QAM	8	0	21.89	22.12	21.94	23.5	2
3	16QAM	8	4	21.95	22.01	22.04		
3	16QAM	8	7	21.98	22.02	21.95		
3	16QAM	15	0	22.11	22.18	22.07		
3	64QAM	1	0	22.00	22.00	21.95	23.5	2
3	64QAM	1	8	21.97	21.95	21.92		
3	64QAM	1	14	21.85	22.13	22.01		
3	64QAM	8	0	20.94	21.10	21.08	22.5	3
3	64QAM	8	4	20.93	20.97	21.08		
3	64QAM	8	7	20.92	21.09	21.06		
3	64QAM	15	0	20.93	21.05	20.99		
3	256QAM	1	0	18.96	19.13	19.01	20.5	5
3	256QAM	1	8	19.04	19.06	19.08		
3	256QAM	1	14	18.88	19.04	19.00		
3	256QAM	8	0	19.08	19.02	18.99	20.5	5
3	256QAM	8	4	19.08	19.13	19.09		
3	256QAM	8	7	19.03	19.04	18.85		
3	256QAM	15	0	18.90	19.11	18.90		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.97	24.04	24.06	25.5	0
1.4	QPSK	1	3	23.95	24.09	23.99		
1.4	QPSK	1	5	23.93	23.99	23.98		
1.4	QPSK	3	0	23.93	23.91	23.96		
1.4	QPSK	3	1	23.93	23.99	23.85		
1.4	QPSK	3	3	23.91	23.91	23.91		
1.4	QPSK	6	0	22.97	23.03	23.03	24.5	1
1.4	16QAM	1	0	22.98	23.14	22.97	24.5	1
1.4	16QAM	1	3	23.05	22.98	22.93		
1.4	16QAM	1	5	22.95	23.10	23.01		
1.4	16QAM	3	0	22.83	23.00	23.00		
1.4	16QAM	3	1	22.91	23.11	22.85		
1.4	16QAM	3	3	22.94	22.95	22.81		
1.4	16QAM	6	0	22.02	22.10	22.02	23.5	2
1.4	64QAM	1	0	21.99	22.08	21.97	23.5	2
1.4	64QAM	1	3	21.93	22.01	21.98		
1.4	64QAM	1	5	21.88	22.13	21.95		
1.4	64QAM	3	0	21.97	22.04	21.99		
1.4	64QAM	3	1	21.88	22.01	21.87		
1.4	64QAM	3	3	21.88	21.95	21.93		
1.4	64QAM	6	0	21.03	21.06	21.02	22.5	3
1.4	256QAM	1	0	18.99	19.20	19.01	20.5	5
1.4	256QAM	1	3	19.06	19.03	19.00		
1.4	256QAM	1	5	18.84	19.09	19.04		
1.4	256QAM	3	0	18.99	19.07	19.02		
1.4	256QAM	3	1	19.02	19.12	19.03		
1.4	256QAM	3	3	19.04	19.08	18.86		
1.4	256QAM	6	0	18.96	19.09	18.96	20.5	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.00	24.10	24.08	25.5	0
20	QPSK	1	49	23.86	24.08	24.04		
20	QPSK	1	99	23.95	24.07	24.03		
20	QPSK	50	0	22.97	23.14	23.10	24.5	1
20	QPSK	50	24	22.85	23.12	23.00		
20	QPSK	50	50	22.99	23.10	23.05		
20	QPSK	100	0	23.01	23.09	23.03		
20	16QAM	1	0	22.95	23.08	23.04	24.5	1
20	16QAM	1	49	22.83	23.03	23.00		
20	16QAM	1	99	22.98	23.08	23.03		
20	16QAM	50	0	22.00	22.16	22.15	23.5	2
20	16QAM	50	24	21.87	22.10	21.98		
20	16QAM	50	50	21.96	22.08	21.99		
20	16QAM	100	0	21.96	22.11	22.01		
20	64QAM	1	0	21.97	22.05	22.00	23.5	2
20	64QAM	1	49	21.88	22.08	22.02		
20	64QAM	1	99	22.03	22.09	21.99		
20	64QAM	50	0	21.02	21.10	21.07	22.5	3
20	64QAM	50	24	20.82	21.13	20.98		
20	64QAM	50	50	20.94	21.08	21.07		
20	64QAM	100	0	21.03	21.15	21.03		
20	256QAM	1	0	18.96	19.19	19.06	20.5	5
20	256QAM	1	49	18.88	19.13	19.00		
20	256QAM	1	99	18.93	19.11	19.01		
20	256QAM	50	0	19.01	19.15	19.06	20.5	5
20	256QAM	50	24	19.01	19.05	19.06		
20	256QAM	50	50	18.82	19.00	18.95		
20	256QAM	100	0	18.95	19.03	19.06		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.95	24.05	23.99	25.5	0
15	QPSK	1	37	23.79	24.02	23.91		
15	QPSK	1	74	23.89	23.96	23.94		
15	QPSK	36	0	22.91	23.04	23.01	24.5	1
15	QPSK	36	20	22.81	23.00	22.95		
15	QPSK	36	39	22.88	22.97	22.95		
15	QPSK	75	0	22.87	23.03	22.89		
15	16QAM	1	0	22.86	23.00	22.97	24.5	1
15	16QAM	1	37	22.75	22.97	22.97		
15	16QAM	1	74	22.94	23.03	23.00		
15	16QAM	36	0	21.97	22.07	22.06	23.5	2
15	16QAM	36	20	21.83	21.99	21.87		
15	16QAM	36	39	21.93	21.97	21.91		
15	16QAM	75	0	21.84	22.07	21.98		
15	64QAM	1	0	21.91	21.92	21.95	23.5	2
15	64QAM	1	37	21.82	21.94	21.92		
15	64QAM	1	74	21.98	21.97	21.94		
15	64QAM	36	0	20.95	21.06	20.99	22.5	3
15	64QAM	36	20	20.75	21.02	20.94		
15	64QAM	36	39	20.91	20.94	21.00		
15	64QAM	75	0	20.98	21.08	20.93		
15	256QAM	1	0	18.91	19.14	18.99	20.5	5
15	256QAM	1	37	18.76	19.05	18.95		
15	256QAM	1	74	18.79	19.00	18.89		
15	256QAM	36	0	18.93	19.12	18.92	20.5	5
15	256QAM	36	20	18.99	19.01	19.04		
15	256QAM	36	39	18.80	18.98	18.81		
15	256QAM	75	0	18.89	18.93	18.97		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.97	24.05	23.98	25.5	0
10	QPSK	1	25	23.76	24.04	23.98		
10	QPSK	1	49	23.89	23.93	23.97		
10	QPSK	25	0	22.93	23.11	23.00	24.5	1
10	QPSK	25	12	22.83	23.03	22.96		
10	QPSK	25	25	22.96	23.02	22.96		
10	QPSK	50	0	22.97	22.97	22.94		
10	16QAM	1	0	22.93	22.98	22.91	24.5	1
10	16QAM	1	25	22.74	22.92	22.95		
10	16QAM	1	49	22.91	23.03	22.91		
10	16QAM	25	0	21.96	22.02	22.03	23.5	2
10	16QAM	25	12	21.80	22.03	21.91		
10	16QAM	25	25	21.90	22.02	21.89		
10	16QAM	50	0	21.91	22.00	21.93		
10	64QAM	1	0	21.94	22.02	21.97	23.5	2
10	64QAM	1	25	21.82	22.02	21.96		
10	64QAM	1	49	22.00	22.04	21.93		
10	64QAM	25	0	20.90	20.98	20.97	22.5	3
10	64QAM	25	12	20.70	21.09	20.95		
10	64QAM	25	25	20.83	21.05	20.95		
10	64QAM	50	0	20.95	21.10	20.90		
10	256QAM	1	0	18.91	19.10	18.97	20.5	5
10	256QAM	1	25	18.81	19.01	18.92		
10	256QAM	1	49	18.86	18.98	18.95		
10	256QAM	25	0	18.90	19.07	18.94	20.5	5
10	256QAM	25	12	18.96	19.02	19.02		
10	256QAM	25	25	18.72	18.96	18.81		
10	256QAM	50	0	18.84	18.98	18.98		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.92	24.07	23.99	25.5	0
5	QPSK	1	12	23.80	24.05	23.94		
5	QPSK	1	24	23.91	23.95	24.00		
5	QPSK	12	0	22.84	23.08	23.04	24.5	1
5	QPSK	12	7	22.78	23.04	22.97		
5	QPSK	12	13	22.89	23.03	22.92		
5	QPSK	25	0	22.93	22.96	22.91		
5	16QAM	1	0	22.85	23.04	22.94	24.5	1
5	16QAM	1	12	22.71	23.00	22.95		
5	16QAM	1	24	22.88	22.94	22.95		
5	16QAM	12	0	21.93	22.10	22.11	23.5	2
5	16QAM	12	7	21.81	21.96	21.89		
5	16QAM	12	13	21.91	21.96	21.93		
5	16QAM	25	0	21.89	22.06	21.89		
5	64QAM	1	0	21.90	21.98	21.97	23.5	2
5	64QAM	1	12	21.79	22.06	21.99		
5	64QAM	1	24	21.99	22.01	21.96		
5	64QAM	12	0	20.97	21.06	20.96	22.5	3
5	64QAM	12	7	20.78	21.01	20.87		
5	64QAM	12	13	20.81	21.06	20.96		
5	64QAM	25	0	20.99	21.10	20.90		
5	256QAM	1	0	18.90	19.06	18.97	20.5	5
5	256QAM	1	12	18.75	19.00	18.91		
5	256QAM	1	24	18.81	19.05	18.98		
5	256QAM	12	0	18.92	19.11	19.02	20.5	5
5	256QAM	12	7	18.90	19.03	18.94		
5	256QAM	12	13	18.78	18.94	18.90		
5	256QAM	25	0	18.89	18.99	18.98		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.12	24.17	24.09	25.5	0
20	QPSK	1	49	24.04	24.11	23.96		
20	QPSK	1	99	24.04	24.10	23.99		
20	QPSK	50	0	23.10	23.21	23.11	24.5	1
20	QPSK	50	24	22.98	23.11	23.01		
20	QPSK	50	50	23.02	23.08	22.95		
20	QPSK	100	0	23.15	23.20	23.11		
20	16QAM	1	0	23.07	23.16	23.15	24.5	1
20	16QAM	1	49	23.01	23.11	23.00		
20	16QAM	1	99	23.04	23.06	23.01		
20	16QAM	50	0	22.11	22.16	22.11	23.5	2
20	16QAM	50	24	22.01	22.12	21.96		
20	16QAM	50	50	22.03	22.08	21.92		
20	16QAM	100	0	22.13	22.18	22.10		
20	64QAM	1	0	22.10	22.13	22.18	23.5	2
20	64QAM	1	49	21.97	22.13	22.01		
20	64QAM	1	99	22.08	22.05	22.02		
20	64QAM	50	0	21.06	21.21	21.12	22.5	3
20	64QAM	50	24	20.96	21.06	21.06		
20	64QAM	50	50	21.00	21.10	20.95		
20	64QAM	100	0	21.15	21.20	21.14		
20	256QAM	1	0	19.05	19.17	19.15	20.5	5
20	256QAM	1	49	19.02	19.12	19.01		
20	256QAM	1	99	19.05	19.13	18.89		
20	256QAM	50	0	19.18	19.21	19.15	20.5	5
20	256QAM	50	24	19.05	19.12	19.09		
20	256QAM	50	50	18.97	19.11	18.97		
20	256QAM	100	0	19.10	19.06	19.00		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.99	24.13	24.05	25.5	0
15	QPSK	1	37	23.93	24.04	23.94		
15	QPSK	1	74	23.97	24.00	23.94		
15	QPSK	36	0	23.07	23.10	23.02	24.5	1
15	QPSK	36	20	22.89	22.97	22.94		
15	QPSK	36	39	22.94	22.98	22.85		
15	QPSK	75	0	23.12	23.17	23.05		
15	16QAM	1	0	22.95	23.14	23.02	24.5	1
15	16QAM	1	37	22.98	23.03	22.89		
15	16QAM	1	74	22.95	23.01	22.94		
15	16QAM	36	0	22.00	22.04	21.98	23.5	2
15	16QAM	36	20	21.96	22.02	21.89		
15	16QAM	36	39	21.94	21.97	21.88		
15	16QAM	75	0	22.02	22.08	22.00		
15	64QAM	1	0	22.01	22.01	22.16	23.5	2
15	64QAM	1	37	21.92	22.00	21.96		
15	64QAM	1	74	21.99	21.98	21.96		
15	64QAM	36	0	20.94	21.10	21.10	22.5	3
15	64QAM	36	20	20.84	20.99	20.93		
15	64QAM	36	39	20.96	20.99	20.86		
15	64QAM	75	0	21.05	21.13	21.09		
15	256QAM	1	0	18.96	19.09	19.03	20.5	5
15	256QAM	1	37	18.94	19.00	18.90		
15	256QAM	1	74	18.97	19.10	18.81		
15	256QAM	36	0	19.07	19.13	19.03	20.5	5
15	256QAM	36	20	18.92	19.00	18.96		
15	256QAM	36	39	18.92	19.09	18.84		
15	256QAM	75	0	19.00	18.97	18.90		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.01	24.04	23.99	25.5	0
10	QPSK	1	25	23.98	23.99	23.87		
10	QPSK	1	49	23.94	24.06	23.89		
10	QPSK	25	0	22.97	23.17	22.99	24.5	1
10	QPSK	25	12	22.87	23.08	22.88		
10	QPSK	25	25	22.94	23.02	22.87		
10	QPSK	50	0	23.13	23.18	23.09		
10	16QAM	1	0	22.98	23.06	23.10	24.5	1
10	16QAM	1	25	22.94	22.99	22.86		
10	16QAM	1	49	22.91	22.99	22.95		
10	16QAM	25	0	22.07	22.03	21.97	23.5	2
10	16QAM	25	12	21.95	22.09	21.94		
10	16QAM	25	25	21.90	22.01	21.90		
10	16QAM	50	0	22.07	22.15	21.99		
10	64QAM	1	0	22.06	22.03	22.12	23.5	2
10	64QAM	1	25	21.92	22.10	21.93		
10	64QAM	1	49	21.99	21.99	21.97		
10	64QAM	25	0	21.01	21.15	21.01	22.5	3
10	64QAM	25	12	20.88	21.02	20.92		
10	64QAM	25	25	20.88	21.04	20.89		
10	64QAM	50	0	21.07	21.16	21.07		
10	256QAM	1	0	18.93	19.12	19.10	20.5	5
10	256QAM	1	25	18.94	19.08	18.96		
10	256QAM	1	49	18.96	19.10	18.83		
10	256QAM	25	0	19.13	19.07	19.11	20.5	5
10	256QAM	25	12	18.94	19.08	19.01		
10	256QAM	25	25	18.90	19.00	18.86		
10	256QAM	50	0	18.97	18.92	18.89		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.01	24.05	24.07	25.5	0
5	QPSK	1	12	23.96	23.99	23.85		
5	QPSK	1	24	24.00	24.00	23.96		
5	QPSK	12	0	23.03	23.07	22.98	24.5	1
5	QPSK	12	7	22.90	23.00	22.98		
5	QPSK	12	13	22.89	22.99	22.90		
5	QPSK	25	0	23.03	23.17	22.97		
5	16QAM	1	0	23.05	23.07	23.03	24.5	1
5	16QAM	1	12	22.98	23.06	22.90		
5	16QAM	1	24	23.01	23.04	22.88		
5	16QAM	12	0	21.98	22.13	22.06	23.5	2
5	16QAM	12	7	21.98	22.06	21.85		
5	16QAM	12	13	21.93	22.00	21.81		
5	16QAM	25	0	22.08	22.10	21.98		
5	64QAM	1	0	22.00	22.04	22.10	23.5	2
5	64QAM	1	12	21.84	22.04	21.92		
5	64QAM	1	24	21.97	21.94	21.97		
5	64QAM	12	0	21.03	21.14	21.07	22.5	3
5	64QAM	12	7	20.90	21.00	21.01		
5	64QAM	12	13	20.98	20.99	20.87		
5	64QAM	25	0	21.12	21.12	21.05		
5	256QAM	1	0	18.93	19.07	19.07	20.5	5
5	256QAM	1	12	18.89	19.05	18.88		
5	256QAM	1	24	19.01	18.99	18.84		
5	256QAM	12	0	19.14	19.18	19.09	20.5	5
5	256QAM	12	7	18.93	19.06	19.01		
5	256QAM	12	13	18.94	18.99	18.94		
5	256QAM	25	0	19.06	18.96	18.95		

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	23.99	24.11	24.24	24.02	23.97	25.5	0
20	QPSK	1	49	23.93	24.08	24.11	23.99	23.92		
20	QPSK	1	99	23.87	24.04	24.09	23.91	23.85		
20	QPSK	50	0	23.03	23.10	23.22	23.03	22.99	24.5	1
20	QPSK	50	24	22.97	23.05	23.16	22.96	22.98		
20	QPSK	50	50	22.82	23.07	23.13	22.92	22.90		
20	QPSK	100	0	22.98	23.11	23.21	23.07	22.92		
20	16QAM	1	0	22.93	23.06	23.14	23.00	22.93	24.5	1
20	16QAM	1	49	22.90	23.10	23.13	23.02	22.88		
20	16QAM	1	99	22.91	23.05	23.08	22.94	22.82		
20	16QAM	50	0	22.06	22.07	22.19	22.08	22.01	23.5	2
20	16QAM	50	24	21.97	22.02	22.16	21.92	22.00		
20	16QAM	50	50	21.78	22.06	22.11	21.92	21.95		
20	16QAM	100	0	21.96	22.08	22.13	22.11	21.86		
20	64QAM	1	0	21.89	22.10	22.09	21.99	21.94	23.5	2
20	64QAM	1	49	21.92	22.06	22.07	22.06	21.84		
20	64QAM	1	99	21.92	22.04	22.06	21.96	21.81		
20	64QAM	50	0	21.08	21.08	21.12	21.00	20.97	22.5	3
20	64QAM	50	24	20.99	21.01	21.20	20.91	21.00		
20	64QAM	50	50	20.82	21.08	21.07	20.96	20.89		
20	64QAM	100	0	21.02	21.13	21.19	21.09	20.87		
20	256QAM	1	0	19.07	19.08	19.19	18.98	19.03	20.5	5
20	256QAM	1	49	18.98	19.06	19.15	19.00	18.98		
20	256QAM	1	99	18.81	19.12	19.09	18.88	18.92		
20	256QAM	50	0	19.01	19.15	19.16	19.04	18.90	20.5	5
20	256QAM	50	24	18.96	19.11	19.12	19.04	18.93		
20	256QAM	50	50	18.87	19.09	19.12	19.05	18.92		
20	256QAM	100	0	18.88	19.03	19.13	18.94	18.82		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.89	24.01	24.09	23.99	23.89	25.50	0
15	QPSK	1	37	23.81	24.03	24.04	23.89	23.87		
15	QPSK	1	74	23.74	23.91	24.05	23.83	23.77		
15	QPSK	36	0	23.00	22.96	23.05	22.93	22.93	24.5	1
15	QPSK	36	20	22.90	22.92	23.02	22.85	22.92		
15	QPSK	36	39	22.74	22.93	23.08	22.79	22.87		
15	QPSK	75	0	22.91	23.02	23.09	23.04	22.86		
15	16QAM	1	0	22.88	22.97	23.02	22.89	22.90	24.5	1
15	16QAM	1	37	22.86	23.03	23.08	22.94	22.79		
15	16QAM	1	74	22.81	22.97	22.94	22.87	22.74		
15	16QAM	36	0	22.04	21.99	22.15	22.03	21.88	23.5	2
15	16QAM	36	20	21.91	21.95	22.13	21.80	21.88		
15	16QAM	36	39	21.64	21.93	22.06	21.83	21.89		
15	16QAM	75	0	21.84	21.96	22.00	22.08	21.76		
15	64QAM	1	0	21.78	21.97	22.04	21.97	21.84	23.5	2
15	64QAM	1	37	21.82	21.99	21.94	21.92	21.72		
15	64QAM	1	74	21.88	21.90	21.98	21.88	21.75		
15	64QAM	36	0	21.02	21.02	21.09	20.92	20.90	22.5	3
15	64QAM	36	20	20.88	20.93	21.10	20.83	20.88		
15	64QAM	36	39	20.70	20.98	21.00	20.91	20.81		
15	64QAM	75	0	20.89	21.10	21.10	21.00	20.78		
15	256QAM	1	0	19.02	19.00	19.13	18.95	18.97	20.5	5
15	256QAM	1	37	18.93	18.92	19.10	18.91	18.86		
15	256QAM	1	74	18.71	19.01	18.98	18.80	18.88		
15	256QAM	36	0	18.87	19.08	19.11	18.93	18.84	20.5	5
15	256QAM	36	20	18.90	19.09	19.08	18.98	18.80		
15	256QAM	36	39	18.73	19.01	19.04	19.02	18.84		
15	256QAM	75	0	18.85	18.99	19.03	18.89	18.76		
Channel				39700	40150	40600	41050	41500	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.88	24.03	24.11	23.94	23.92	25.50	0
10	QPSK	1	25	23.83	23.95	24.03	23.86	23.85		
10	QPSK	1	49	23.82	24.00	24.01	23.77	23.72		
10	QPSK	25	0	22.96	23.04	23.05	23.01	22.88	24.5	1
10	QPSK	25	12	22.83	22.98	23.12	22.85	22.94		
10	QPSK	25	25	22.68	23.01	23.01	22.79	22.78		
10	QPSK	50	0	22.96	23.08	23.09	22.97	22.90		
10	16QAM	1	0	22.84	22.98	23.09	22.92	22.81	24.5	1
10	16QAM	1	25	22.86	23.07	23.03	23.06	22.76		
10	16QAM	1	49	22.81	22.99	22.99	22.84	22.73		
10	16QAM	25	0	22.03	21.97	22.16	22.04	21.89	23.5	2
10	16QAM	25	12	21.88	21.96	22.06	21.81	21.87		
10	16QAM	25	25	21.69	21.93	22.07	21.87	21.89		
10	16QAM	50	0	21.86	22.02	22.10	22.02	21.73	23.5	2
10	64QAM	1	0	21.76	21.96	22.03	21.96	21.91		
10	64QAM	1	25	21.86	21.96	22.03	21.98	21.77		
10	64QAM	1	49	21.80	21.90	21.95	21.84	21.72		
10	64QAM	25	0	21.04	20.96	21.02	20.90	20.93	22.5	3
10	64QAM	25	12	20.88	20.92	21.07	20.87	20.91		
10	64QAM	25	25	20.78	20.95	21.05	20.83	20.80		
10	64QAM	50	0	20.94	21.00	21.16	21.00	20.79		
10	256QAM	1	0	18.97	19.02	19.13	18.94	18.90	20.5	5
10	256QAM	1	25	18.92	18.94	19.10	18.96	18.91		
10	256QAM	1	49	18.72	18.98	18.96	18.86	18.86		
10	256QAM	25	0	18.98	19.03	19.08	19.02	18.87	20.5	5
10	256QAM	25	12	18.84	19.09	19.07	19.00	18.86		
10	256QAM	25	25	18.77	18.95	19.00	18.94	18.82		
10	256QAM	50	0	18.85	18.98	18.99	18.80	18.72		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.93	24.05	24.06	23.93	23.91	25.50	0
5	QPSK	1	12	23.87	24.02	24.01	23.93	23.86		
5	QPSK	1	24	23.80	24.01	24.06	23.87	23.83		
5	QPSK	12	0	22.98	23.08	23.06	22.95	22.88	24.5	1
5	QPSK	12	7	22.94	22.91	23.04	22.89	22.84		
5	QPSK	12	13	22.77	23.03	23.08	22.83	22.76		
5	QPSK	25	0	22.85	22.97	23.07	22.85	22.78		
5	16QAM	1	0	22.89	22.98	23.03	22.97	22.82	24.5	1
5	16QAM	1	12	22.82	22.99	23.11	22.98	22.84		
5	16QAM	1	24	22.78	22.94	22.98	22.85	22.76		
5	16QAM	12	0	21.97	21.94	22.15	22.01	21.95	23.5	2
5	16QAM	12	7	21.90	21.92	22.07	21.89	21.95		
5	16QAM	12	13	21.72	22.00	21.99	21.80	21.90		
5	16QAM	25	0	21.82	22.02	22.09	22.01	21.84		
5	64QAM	1	0	21.85	21.98	21.97	21.90	21.80	23.5	2
5	64QAM	1	12	21.87	21.94	21.95	21.98	21.71		
5	64QAM	1	24	21.82	21.94	22.04	21.83	21.78		
5	64QAM	12	0	21.01	20.96	21.07	20.89	20.89	22.5	3
5	64QAM	12	7	20.95	20.88	21.09	20.88	20.90		
5	64QAM	12	13	20.73	21.03	20.94	20.86	20.82		
5	64QAM	25	0	20.98	21.03	21.06	21.05	20.84		
5	256QAM	1	0	19.00	18.98	19.15	18.94	18.97	20.5	5
5	256QAM	1	12	18.84	18.99	19.12	18.95	18.84		
5	256QAM	1	24	18.70	19.10	19.05	18.85	18.90		
5	256QAM	12	0	18.87	19.06	19.02	18.90	18.87	20.5	5
5	256QAM	12	7	18.89	19.00	19.00	18.95	18.84		
5	256QAM	12	13	18.85	19.06	19.08	18.95	18.86		
5	256QAM	25	0	18.74	18.99	19.09	18.84	18.72		

GSM1900 Ant4 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.21	30.31	30.19	32.00	21.21	21.31	21.19	23.00
GPRS 1 Tx slot	30.17	30.29	30.15	32.00	21.17	21.29	21.15	23.00
GPRS 2 Tx slots	27.24	27.32	27.19	29.00	21.24	21.32	21.19	23.00
GPRS 3 Tx slots	25.49	25.59	25.49	27.20	21.23	21.33	21.23	22.94
GPRS 4 Tx slots	24.20	24.25	24.11	26.00	21.20	21.25	21.11	23.00
EDGE 1 Tx slot	25.79	25.91	25.78	27.50	16.79	16.91	16.78	18.50
EDGE 2 Tx slots	22.84	22.96	22.82	24.50	16.84	16.96	16.82	18.50
EDGE 3 Tx slots	21.04	21.08	20.97	22.70	16.78	16.82	16.71	18.44
EDGE 4 Tx slots	19.74	19.85	19.75	21.50	16.74	16.85	16.75	18.50

WCDMA II Ant4 Default

WCDMA IV Ant4 Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.18	24.25	24.24	25.70	24.24	24.35	24.26	25.70
3GPP Rel 99	RMC 12.2Kbps	24.24	24.31	24.27	25.70	24.27	24.37	24.28	25.70
3GPP Rel 6	HSDPA Subtest-1	23.18	23.25	23.23	24.70	23.23	23.35	23.28	24.70
3GPP Rel 6	HSDPA Subtest-2	23.26	23.32	23.27	24.70	23.32	23.39	23.27	24.70
3GPP Rel 6	HSDPA Subtest-3	22.80	22.79	22.73	24.20	22.84	22.85	22.77	24.20
3GPP Rel 6	HSDPA Subtest-4	22.76	22.83	22.72	24.20	22.78	22.86	22.82	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.21	23.26	23.27	24.70	23.22	23.26	23.27	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.20	23.34	23.22	24.70	23.23	23.44	23.29	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	22.76	22.83	22.74	24.20	22.77	22.94	22.82	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	22.70	22.86	22.74	24.20	22.81	22.85	22.74	24.20
3GPP Rel 6	HSUPA Subtest-1	23.20	23.33	23.30	24.70	23.22	23.40	23.39	24.70
3GPP Rel 6	HSUPA Subtest-2	21.23	21.33	21.32	22.70	21.30	21.43	21.34	22.70
3GPP Rel 6	HSUPA Subtest-3	22.23	22.31	22.21	23.70	22.30	22.39	22.22	23.70
3GPP Rel 6	HSUPA Subtest-4	21.23	21.28	21.22	22.70	21.23	21.33	21.25	22.70
3GPP Rel 6	HSUPA Subtest-5	23.23	23.25	23.28	24.70	23.23	23.29	23.33	24.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.75	20.78	20.76	22.20	20.76	20.88	20.83	22.20

Band 2 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.40	24.45	24.38	25.5	0
20	QPSK	1	49	24.31	24.41	24.27		
20	QPSK	1	99	24.37	24.38	24.35		
20	QPSK	50	0	23.40	23.46	23.42	24.5	1
20	QPSK	50	24	23.32	23.36	23.23		
20	QPSK	50	50	23.32	23.40	23.36		
20	QPSK	100	0	23.41	23.43	23.35		
20	16QAM	1	0	23.39	23.40	23.35	24.5	1
20	16QAM	1	49	23.33	23.36	23.22		
20	16QAM	1	99	23.35	23.35	23.33		
20	16QAM	50	0	22.46	22.43	22.45	23.5	2
20	16QAM	50	24	22.34	22.39	22.27		
20	16QAM	50	50	22.34	22.38	22.36		
20	16QAM	100	0	22.45	22.47	22.35		
20	64QAM	1	0	22.41	22.42	22.31	23.5	2
20	64QAM	1	49	22.33	22.31	22.17		
20	64QAM	1	99	22.39	22.38	22.34		
20	64QAM	50	0	21.35	21.47	21.47	22.5	3
20	64QAM	50	24	21.28	21.33	21.25		
20	64QAM	50	50	21.29	21.39	21.30		
20	64QAM	100	0	21.36	21.40	21.33		
20	256QAM	1	0	19.43	19.46	19.45	20.5	5
20	256QAM	1	49	19.28	19.35	19.28		
20	256QAM	1	99	19.29	19.36	19.31		
20	256QAM	50	0	19.35	19.39	19.35	20.5	5
20	256QAM	50	24	19.45	19.41	19.37		
20	256QAM	50	50	19.39	19.35	19.25		
20	256QAM	100	0	19.40	19.35	19.30		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.28	24.40	24.33	25.5	0
15	QPSK	1	37	24.19	24.32	24.16		
15	QPSK	1	74	24.29	24.32	24.24		
15	QPSK	36	0	23.35	23.37	23.32	24.5	1
15	QPSK	36	20	23.19	23.29	23.15		
15	QPSK	36	39	23.25	23.31	23.27		
15	QPSK	75	0	23.27	23.37	23.28		
15	16QAM	1	0	23.30	23.28	23.25	24.5	1
15	16QAM	1	37	23.26	23.23	23.20		
15	16QAM	1	74	23.22	23.32	23.27		
15	16QAM	36	0	22.36	22.30	22.35	23.5	2
15	16QAM	36	20	22.27	22.32	22.16		
15	16QAM	36	39	22.22	22.31	22.23		
15	16QAM	75	0	22.35	22.40	22.22		
15	64QAM	1	0	22.39	22.32	22.21	23.5	2
15	64QAM	1	37	22.24	22.18	22.15		
15	64QAM	1	74	22.28	22.30	22.25		
15	64QAM	36	0	21.22	21.44	21.42	22.5	3
15	64QAM	36	20	21.17	21.20	21.14		
15	64QAM	36	39	21.20	21.30	21.24		
15	64QAM	75	0	21.25	21.33	21.23		
15	256QAM	1	0	19.38	19.37	19.35	20.5	5
15	256QAM	1	37	19.20	19.28	19.26		
15	256QAM	1	74	19.20	19.30	19.22		
15	256QAM	36	0	19.28	19.31	19.30	20.5	5
15	256QAM	36	20	19.35	19.39	19.27		
15	256QAM	36	39	19.33	19.26	19.21		
15	256QAM	75	0	19.38	19.32	19.20		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.38	24.35	24.36	25.5	0
10	QPSK	1	25	24.29	24.29	24.20		
10	QPSK	1	49	24.27	24.33	24.24		
10	QPSK	25	0	23.33	23.38	23.32	24.5	1
10	QPSK	25	12	23.27	23.24	23.10		
10	QPSK	25	25	23.23	23.38	23.33		
10	QPSK	50	0	23.27	23.38	23.23		
10	16QAM	1	0	23.28	23.29	23.27	24.5	1
10	16QAM	1	25	23.24	23.22	23.17		
10	16QAM	1	49	23.24	23.26	23.19		
10	16QAM	25	0	22.41	22.30	22.35	23.5	2
10	16QAM	25	12	22.24	22.36	22.18		
10	16QAM	25	25	22.24	22.27	22.27		
10	16QAM	50	0	22.38	22.36	22.32		
10	64QAM	1	0	22.32	22.31	22.19	23.5	2
10	64QAM	1	25	22.20	22.26	22.09		
10	64QAM	1	49	22.35	22.25	22.25		
10	64QAM	25	0	21.25	21.44	21.36	22.5	3
10	64QAM	25	12	21.23	21.30	21.11		
10	64QAM	25	25	21.17	21.33	21.16		
10	64QAM	50	0	21.25	21.27	21.28		
10	256QAM	1	0	19.40	19.42	19.42	20.5	5
10	256QAM	1	25	19.20	19.26	19.21		
10	256QAM	1	49	19.16	19.25	19.25		
10	256QAM	25	0	19.29	19.31	19.24	20.5	5
10	256QAM	25	12	19.37	19.32	19.26		
10	256QAM	25	25	19.35	19.32	19.16		
10	256QAM	50	0	19.26	19.23	19.25		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.33	24.34	24.31	25.5	0
5	QPSK	1	12	24.17	24.30	24.20		
5	QPSK	1	24	24.27	24.29	24.24		
5	QPSK	12	0	23.38	23.39	23.32	24.5	1
5	QPSK	12	7	23.29	23.29	23.18		
5	QPSK	12	13	23.30	23.38	23.25		
5	QPSK	25	0	23.33	23.31	23.23		
5	16QAM	1	0	23.35	23.36	23.30	24.5	1
5	16QAM	1	12	23.25	23.33	23.19		
5	16QAM	1	24	23.30	23.26	23.19		
5	16QAM	12	0	22.37	22.30	22.43	23.5	2
5	16QAM	12	7	22.28	22.32	22.23		
5	16QAM	12	13	22.23	22.27	22.30		
5	16QAM	25	0	22.32	22.44	22.22		
5	64QAM	1	0	22.29	22.37	22.24	23.5	2
5	64QAM	1	12	22.21	22.21	22.08		
5	64QAM	1	24	22.33	22.34	22.28		
5	64QAM	12	0	21.31	21.39	21.37	22.5	3
5	64QAM	12	7	21.15	21.26	21.14		
5	64QAM	12	13	21.26	21.32	21.20		
5	64QAM	25	0	21.25	21.26	21.24		
5	256QAM	1	0	19.40	19.36	19.37	20.5	5
5	256QAM	1	12	19.17	19.24	19.25		
5	256QAM	1	24	19.21	19.24	19.20		
5	256QAM	12	0	19.23	19.33	19.25	20.5	5
5	256QAM	12	7	19.36	19.31	19.26		
5	256QAM	12	13	19.30	19.29	19.21		
5	256QAM	25	0	19.30	19.30	19.18		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.27	24.37	24.34	25.5	0
3	QPSK	1	8	24.18	24.36	24.18		
3	QPSK	1	14	24.27	24.27	24.23		
3	QPSK	8	0	23.29	23.39	23.35	24.5	1
3	QPSK	8	4	23.28	23.22	23.18		
3	QPSK	8	7	23.27	23.35	23.28		
3	QPSK	15	0	23.39	23.31	23.26		
3	16QAM	1	0	23.29	23.34	23.27	24.5	1
3	16QAM	1	8	23.20	23.31	23.19		
3	16QAM	1	14	23.32	23.23	23.24		
3	16QAM	8	0	22.33	22.31	22.33	23.5	2
3	16QAM	8	4	22.22	22.31	22.19		
3	16QAM	8	7	22.23	22.33	22.30		
3	16QAM	15	0	22.38	22.38	22.22		
3	64QAM	1	0	22.29	22.32	22.28	23.5	2
3	64QAM	1	8	22.29	22.18	22.04		
3	64QAM	1	14	22.26	22.32	22.31		
3	64QAM	8	0	21.25	21.33	21.34	22.5	3
3	64QAM	8	4	21.24	21.27	21.14		
3	64QAM	8	7	21.21	21.27	21.24		
3	64QAM	15	0	21.28	21.29	21.28		
3	256QAM	1	0	19.34	19.33	19.39	20.5	5
3	256QAM	1	8	19.15	19.26	19.16		
3	256QAM	1	14	19.18	19.34	19.22		
3	256QAM	8	0	19.23	19.32	19.21	20.5	5
3	256QAM	8	4	19.35	19.35	19.35		
3	256QAM	8	7	19.34	19.30	19.19		
3	256QAM	15	0	19.32	19.30	19.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.36	24.40	24.28	25.5	0
1.4	QPSK	1	3	24.18	24.27	24.15		
1.4	QPSK	1	5	24.33	24.35	24.24		
1.4	QPSK	3	0	24.32	24.30	24.17		
1.4	QPSK	3	1	24.12	24.14	24.07		
1.4	QPSK	3	3	24.21	24.31	24.15		
1.4	QPSK	6	0	23.29	23.35	23.27	24.5	1
1.4	16QAM	1	0	23.28	23.36	23.33	24.5	1
1.4	16QAM	1	3	23.27	23.22	23.10		
1.4	16QAM	1	5	23.30	23.29	23.30		
1.4	16QAM	3	0	23.23	23.33	23.15		
1.4	16QAM	3	1	23.25	23.34	23.20		
1.4	16QAM	3	3	23.21	23.11	23.08		
1.4	16QAM	6	0	22.33	22.41	22.22	23.5	2
1.4	64QAM	1	0	22.38	22.40	22.22	23.5	2
1.4	64QAM	1	3	22.24	22.18	22.13		
1.4	64QAM	1	5	22.36	22.32	22.30		
1.4	64QAM	3	0	22.29	22.38	22.09		
1.4	64QAM	3	1	22.30	22.34	22.19		
1.4	64QAM	3	3	22.15	22.11	22.08		
1.4	64QAM	6	0	21.26	21.35	21.20	22.5	3
1.4	256QAM	1	0	19.36	19.41	19.34	20.5	5
1.4	256QAM	1	3	19.14	19.25	19.15		
1.4	256QAM	1	5	19.22	19.33	19.25		
1.4	256QAM	3	0	19.28	19.29	19.23		
1.4	256QAM	3	1	19.38	19.32	19.26		
1.4	256QAM	3	3	19.30	19.28	19.19		
1.4	256QAM	6	0	19.34	19.25	19.20	20.5	5

Band 4 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	25.01	25.11	25.06	25.7	0
20	QPSK	1	49	24.92	25.06	25.03		
20	QPSK	1	99	24.96	25.01	24.99		
20	QPSK	50	0	23.95	24.15	24.09	24.7	1
20	QPSK	50	24	23.92	24.07	24.03		
20	QPSK	50	50	23.99	24.05	23.96		
20	QPSK	100	0	23.95	24.14	24.04		
20	16QAM	1	0	24.06	24.13	24.04	24.7	1
20	16QAM	1	49	23.91	24.01	24.09		
20	16QAM	1	99	23.94	23.98	24.04		
20	16QAM	50	0	22.90	23.12	23.03	23.7	2
20	16QAM	50	24	22.92	23.02	23.04		
20	16QAM	50	50	22.94	23.10	22.97		
20	16QAM	100	0	23.00	23.13	23.03		
20	64QAM	1	0	23.01	23.16	23.07	23.7	2
20	64QAM	1	49	22.86	23.06	23.09		
20	64QAM	1	99	22.93	22.95	23.07		
20	64QAM	50	0	21.92	22.14	22.04	22.7	3
20	64QAM	50	24	21.87	22.12	22.03		
20	64QAM	50	50	22.05	21.99	22.00		
20	64QAM	100	0	21.94	22.16	22.06		
20	256QAM	1	0	19.99	20.13	20.04	20.7	5
20	256QAM	1	49	19.94	20.08	19.99		
20	256QAM	1	99	20.02	20.06	19.95		
20	256QAM	50	0	20.01	20.14	20.03	20.7	5
20	256QAM	50	24	20.11	20.16	20.00		
20	256QAM	50	50	19.95	19.98	20.11		
20	256QAM	100	0	19.94	19.92	20.06		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.98	25.05	25.01	25.7	0
15	QPSK	1	37	24.89	24.98	24.97		
15	QPSK	1	74	24.91	24.89	24.87		
15	QPSK	36	0	23.81	24.11	24.06	24.7	1
15	QPSK	36	20	23.84	23.99	23.99		
15	QPSK	36	39	23.91	24.03	23.89		
15	QPSK	75	0	23.82	24.05	23.93		
15	16QAM	1	0	23.98	24.06	23.98	24.7	1
15	16QAM	1	37	23.86	23.90	23.97		
15	16QAM	1	74	23.88	23.85	23.98		
15	16QAM	36	0	22.84	23.03	23.00	23.7	2
15	16QAM	36	20	22.83	22.91	22.97		
15	16QAM	36	39	22.89	22.98	22.86		
15	16QAM	75	0	22.96	23.10	22.96		
15	64QAM	1	0	22.92	23.08	23.03	23.7	2
15	64QAM	1	37	22.76	22.95	23.04		
15	64QAM	1	74	22.90	22.83	22.94		
15	64QAM	36	0	21.89	22.03	22.02	22.7	3
15	64QAM	36	20	21.78	22.04	21.99		
15	64QAM	36	39	21.94	21.89	21.87		
15	64QAM	75	0	21.92	22.13	22.04		
15	256QAM	1	0	19.90	20.01	19.92	20.7	5
15	256QAM	1	37	19.81	19.98	19.90		
15	256QAM	1	74	19.96	19.94	19.85		
15	256QAM	36	0	19.97	20.01	20.01	20.7	5
15	256QAM	36	20	20.03	20.06	19.91		
15	256QAM	36	39	19.86	19.95	19.97		
15	256QAM	75	0	19.86	19.82	20.03		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.90	24.99	25.03	25.7	0
10	QPSK	1	25	24.79	24.95	24.92		
10	QPSK	1	49	24.90	24.96	24.89		
10	QPSK	25	0	23.88	24.04	24.03	24.7	1
10	QPSK	25	12	23.84	24.00	23.95		
10	QPSK	25	25	23.93	23.92	23.91		
10	QPSK	50	0	23.83	24.01	23.92		
10	16QAM	1	0	23.93	24.02	23.94	24.7	1
10	16QAM	1	25	23.81	23.94	24.06		
10	16QAM	1	49	23.91	23.96	24.00		
10	16QAM	25	0	22.83	23.07	22.91	23.7	2
10	16QAM	25	12	22.79	22.89	22.91		
10	16QAM	25	25	22.85	23.02	22.83		
10	16QAM	50	0	22.91	23.05	22.93		
10	64QAM	1	0	22.92	23.10	22.98	23.7	2
10	64QAM	1	25	22.73	22.99	23.02		
10	64QAM	1	49	22.86	22.86	23.03		
10	64QAM	25	0	21.88	22.03	22.00	22.7	3
10	64QAM	25	12	21.79	22.00	21.96		
10	64QAM	25	25	21.99	21.95	21.93		
10	64QAM	50	0	21.85	22.06	22.01	20.7	5
10	256QAM	1	0	19.87	20.07	19.93		
10	256QAM	1	25	19.86	20.04	19.96		
10	256QAM	1	49	19.99	20.04	19.92		
10	256QAM	25	0	19.95	20.11	19.99	20.7	5
10	256QAM	25	12	20.09	20.08	19.96		
10	256QAM	25	25	19.84	19.89	20.02		
10	256QAM	50	0	19.81	19.89	20.04		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.98	25.01	25.03	25.7	0
5	QPSK	1	12	24.80	24.98	24.98		
5	QPSK	1	24	24.88	24.91	24.93		
5	QPSK	12	0	23.87	24.06	24.06	24.7	1
5	QPSK	12	7	23.80	23.94	24.01		
5	QPSK	12	13	23.91	23.95	23.87		
5	QPSK	25	0	23.91	24.02	23.91		
5	16QAM	1	0	23.99	24.06	24.02	24.7	1
5	16QAM	1	12	23.86	23.87	24.05		
5	16QAM	1	24	23.83	23.92	23.91		
5	16QAM	12	0	22.78	22.98	22.91	23.7	2
5	16QAM	12	7	22.81	22.91	22.94		
5	16QAM	12	13	22.84	23.01	22.94		
5	16QAM	25	0	22.88	23.02	22.98		
5	64QAM	1	0	22.95	23.07	23.04	23.7	2
5	64QAM	1	12	22.73	22.95	23.04		
5	64QAM	1	24	22.90	22.88	23.05		
5	64QAM	12	0	21.84	22.08	21.95	22.7	3
5	64QAM	12	7	21.77	22.07	22.01		
5	64QAM	12	13	21.92	21.95	21.87		
5	64QAM	25	0	21.83	22.04	22.01		
5	256QAM	1	0	19.94	20.06	19.94	20.7	5
5	256QAM	1	12	19.84	19.95	19.88		
5	256QAM	1	24	19.94	19.99	19.82		
5	256QAM	12	0	19.87	20.07	19.95	20.7	5
5	256QAM	12	7	19.99	20.12	19.92		
5	256QAM	12	13	19.92	19.91	20.01		
5	256QAM	25	0	19.81	19.87	19.99		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.88	25.04	24.99	25.7	0
3	QPSK	1	8	24.82	25.03	24.90		
3	QPSK	1	14	24.89	24.90	24.86		
3	QPSK	8	0	23.87	24.10	24.03	24.7	1
3	QPSK	8	4	23.79	23.94	23.98		
3	QPSK	8	7	23.96	23.97	23.89		
3	QPSK	15	0	23.81	24.03	23.90		
3	16QAM	1	0	23.95	24.06	24.00	24.7	1
3	16QAM	1	8	23.84	23.92	23.98		
3	16QAM	1	14	23.84	23.85	24.00		
3	16QAM	8	0	22.85	23.05	22.97	23.7	2
3	16QAM	8	4	22.89	22.97	22.95		
3	16QAM	8	7	22.88	23.00	22.92		
3	16QAM	15	0	22.93	23.03	22.98		
3	64QAM	1	0	22.89	23.07	22.95	23.7	2
3	64QAM	1	8	22.81	22.94	23.03		
3	64QAM	1	14	22.82	22.81	22.98		
3	64QAM	8	0	21.83	22.09	22.00	22.7	3
3	64QAM	8	4	21.79	22.09	21.95		
3	64QAM	8	7	22.00	21.85	21.91		
3	64QAM	15	0	21.82	22.12	22.03		
3	256QAM	1	0	19.92	20.09	19.92	20.7	5
3	256QAM	1	8	19.87	20.06	19.88		
3	256QAM	1	14	19.94	19.98	19.87		
3	256QAM	8	0	19.97	20.03	19.99	20.7	5
3	256QAM	8	4	20.02	20.04	19.89		
3	256QAM	8	7	19.82	19.87	20.09		
3	256QAM	15	0	19.87	19.82	20.03		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.91	25.05	25.01	25.7	0
1.4	QPSK	1	3	24.84	24.99	24.99		
1.4	QPSK	1	5	24.89	24.92	24.85		
1.4	QPSK	3	0	24.79	25.00	24.94		
1.4	QPSK	3	1	24.78	24.95	24.94		
1.4	QPSK	3	3	24.75	24.87	24.79		
1.4	QPSK	6	0	23.82	24.08	23.97	24.7	1
1.4	16QAM	1	0	23.96	24.04	23.91	24.7	1
1.4	16QAM	1	3	23.84	23.87	24.06		
1.4	16QAM	1	5	23.86	23.92	23.99		
1.4	16QAM	3	0	23.70	23.98	23.87		
1.4	16QAM	3	1	23.90	24.01	23.86		
1.4	16QAM	3	3	23.78	23.82	24.01		
1.4	16QAM	6	0	22.97	23.06	22.92	23.7	2
1.4	64QAM	1	0	22.95	23.06	22.99	23.7	2
1.4	64QAM	1	3	22.83	22.96	23.07		
1.4	64QAM	1	5	22.87	22.87	23.04		
1.4	64QAM	3	0	22.90	22.94	22.79		
1.4	64QAM	3	1	22.91	22.99	22.86		
1.4	64QAM	3	3	22.74	22.94	22.94		
1.4	64QAM	6	0	21.84	22.08	21.92	22.7	3
1.4	256QAM	1	0	19.91	20.00	19.92	20.7	5
1.4	256QAM	1	3	19.91	19.99	19.89		
1.4	256QAM	1	5	19.89	19.94	19.89		
1.4	256QAM	3	0	19.80	20.11	19.96		
1.4	256QAM	3	1	20.08	20.02	19.91		
1.4	256QAM	3	3	19.84	19.95	19.98		
1.4	256QAM	6	0	19.81	19.86	19.98	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	25.06	25.14	25.07	25.7	0
20	QPSK	1	49	24.98	25.11	25.00		
20	QPSK	1	99	25.01	25.10	24.93		
20	QPSK	50	0	24.09	24.17	24.12	24.7	1
20	QPSK	50	24	24.02	24.11	24.01		
20	QPSK	50	50	23.98	24.14	23.98		
20	QPSK	100	0	24.11	24.15	24.08		
20	16QAM	1	0	24.04	24.14	24.01	24.7	1
20	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	25.01	25.15	24.98		
20	QPSK	1	49	24.90	25.00	24.85	25.7	0
20	QPSK	1	99	24.95	24.98	24.89		
20	QPSK	50	0	23.95	24.20	23.97		
20	QPSK	50	24	23.90	24.02	23.87	24.7	1
20	QPSK	50	50	23.91	23.92	23.87		
20	QPSK	100	0	24.06	24.16	23.96		
20	16QAM	1	0	23.96	24.06	23.99		
20	16QAM	1	49	23.88	23.94	23.89	24.7	1
20	16QAM	1	99	23.94	24.03	23.89		
20	16QAM	50	0	22.96	23.07	22.99		
20	16QAM	50	24	22.87	23.03	22.86	23.7	2
20	16QAM	50	50	22.92	22.95	22.91		
20	16QAM	100	0	23.03	23.04	22.96		
20	64QAM	1	0	22.96	23.09	23.04		
20	64QAM	1	49	22.88	22.91	22.84	23.7	2
20	64QAM	1	99	23.00	23.01	22.84		
20	64QAM	50	0	21.98	22.10	22.02		
20	64QAM	50	24	21.90	22.05	21.92	22.7	3
20	64QAM	50	50	21.94	21.90	21.90		
20	64QAM	100	0	22.03	22.13	21.92		
20	256QAM	1	0	19.97	20.06	20.02		
20	256QAM	1	49	19.89	20.02	19.88	20.7	5
20	256QAM	1	99	19.92	19.95	19.83		
20	256QAM	50	0	20.02	20.06	19.96		
20	256QAM	50	24	19.95	20.01	19.98	20.7	5
20	256QAM	50	50	19.87	19.98	19.92		
20	256QAM	100	0	19.99	20.00	19.94		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.98	24.96	24.89		
15	QPSK	1	37	24.81	24.96	24.81	25.7	0
15	QPSK	1	74	24.85	24.95	24.78		
15	QPSK	36	0	23.82	24.03	23.92		
15	QPSK	36	20	23.79	23.94	23.77	24.7	1
15	QPSK	36	39	23.88	23.85	23.77		
15	QPSK	75	0	24.02	23.99	23.86		
15	16QAM	1	0	23.92	23.93	23.86		
15	16QAM	1	37	23.80	23.81	23.87	24.7	1
15	16QAM	1	74	23.89	23.97	23.86		
15	16QAM	36	0	22.82	22.93	22.94		
15	16QAM	36	20	22.79	22.97	22.81	23.7	2
15	16QAM	36	39	22.85	22.87	22.83		
15	16QAM	75	0	22.98	22.92	22.94		
15	64QAM	1	0	22.89	22.95	23.00		
15	64QAM	1	37	22.85	22.88	22.75	23.7	2
15	64QAM	1	74	22.87	22.96	22.73		
15	64QAM	36	0	21.89	22.02	21.94		
15	64QAM	36	20	21.77	22.02	21.89	22.7	3
15	64QAM	36	39	21.85	21.83	21.80		
15	64QAM	75	0	21.98	22.08	21.87		
15	256QAM	1	0	19.94	20.03	19.93		
15	256QAM	1	37	19.77	19.94	19.79	20.7	5
15	256QAM	1	74	19.87	19.90	19.75		
15	256QAM	36	0	19.89	20.01	19.84		
15	256QAM	36	20	19.83	19.95	19.91	20.7	5
15	256QAM	36	39	19.83	19.88	19.88		
15	256QAM	75	0	19.91	19.91	19.92		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.99	25.01	24.95		
10	QPSK	1	25	24.85	24.90	24.81	25.7	0
10	QPSK	1	49	24.82	24.88	24.85		
10	QPSK	25	0	23.83	24.08	23.84		
10	QPSK	25	12	23.86	24.00	23.76	24.7	1
10	QPSK	25	25	23.87	23.79	23.82		
10	QPSK	50	0	24.00	23.98	23.89		
10	16QAM	1	0	23.85	23.98	23.93		
10	16QAM	1	25	23.81	23.87	23.75	24.7	1
10	16QAM	1	49	23.82	23.92	23.86		
10	16QAM	25	0	22.85	23.05	22.87		
10	16QAM	25	12	22.84	22.95	22.80	23.7	2
10	16QAM	25	25	22.81	22.84	22.83		
10	16QAM	50	0	22.94	22.96	22.91		
10	64QAM	1	0	22.89	23.01	22.93		
10	64QAM	1	25	22.77	22.80	22.75	23.7	2
10	64QAM	1	49	22.97	22.93	22.78		
10	64QAM	25	0	21.96	22.02	21.88		
10	64QAM	25	12	21.81	21.96	21.86	22.7	3
10	64QAM	25	25	21.91	21.81	21.81		
10	64QAM	50	0	21.98	22.06	21.90		
10	256QAM	1	0	19.87	20.03	19.94		
10	256QAM	1	25	19.79	19.92	19.75	20.7	5
10	256QAM	1	49	19.85	19.93	19.79		
10	256QAM	25	0	19.98	19.93	19.90		
10	256QAM	25	12	19.87	19.97	19.87	20.7	5
10	256QAM	25	25	19.81	19.87	19.81		
10	256QAM	50	0	19.87	19.86	19.89		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.98	24.95	24.96		
5	QPSK	1	12	24.83	24.98	24.73	25.7	0
5	QPSK	1	24	24.82	24.87	24.79		
5	QPSK	12	0	23.88	24.01	23.83		
5	QPSK	12	7	23.79	24.00	23.84	24.7	1
5	QPSK	12	13	23.78	23.82	23.82		
5	QPSK	25	0	24.00	23.99	23.85		
5	16QAM	1	0	23.82	23.95	23.85		
5	16QAM	1	12	23.86	23.82	23.83	24.7	1
5	16QAM	1	24	23.84	23.91	23.86		
5	16QAM	12	0	22.92	23.03	22.88		
5	16QAM	12	7	22.78	22.94	22.81	23.7	2
5	16QAM	12	13	22.83	22.87	22.84		
5	16QAM	25	0	22.99	22.91	22.89		
5	64QAM	1	0	22.89	22.99	22.99		
5	64QAM	1	12	22.77	22.82	22.72	23.7	2
5	64QAM	1	24	22.86	22.94	22.81		
5	64QAM	12	0	21.85	22.06	21.93		
5	64QAM	12	7	21.85	21.96	21.85	22.7	3
5	64QAM	12	13	21.82	21.86	21.81		
5	64QAM	25	0	21.99	22.00	21.81		
5	256QAM	1	0	19.88	20.02	19.98		
5	256QAM	1	12	19.81	19.99	19.85	20.7	5
5	256QAM	1	24	19.81	19.88	19.69		
5	256QAM	12	0	19.96	19.97	19.89		
5	256QAM	12	7	19.81	19.87	19.86	20.7	5
5	256QAM	12	13	19.80	19.86	19.86		
5	256QAM	25	0	19.87	19.92	19.83		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.90	25.03	24.85		
3	QPSK	1	8	24.76	24.87	24.78	25.7	0
3	QPSK	1	14	24.82	24.92	24.77		
3	QPSK	8	0	23.82	23.97	23.91		
3	QPSK	8	4	23.77	23.90	23.74	24.7	1
3	QPSK	8	7	23.85	23.82	23.75		
3	QPSK	15	0	23.97	24.03	23.87		
3	16QAM	1	0	23.88	24.04	23.90		
3	16QAM	1	8	23.85	23.85	23.82	24.7	1
3	16QAM	1	14	23.87	23.97	23.78		
3	16QAM	8	0	22.82	23.05	22.94		
3	16QAM	8	4	22.74	22.97	22.75	23.7	2
3	16QAM	8	7	22.86	22.93	22.78		
3	16QAM	15	0	22.97	22.94	22.93		
3	64QAM	1	0	22.84	23.06	22.98		
3	64QAM	1	8	22.75	22.78	22.75	23.7	2
3	64QAM	1	14	22.90	22.92	22.77		
3	64QAM	8	0	21.93	22.05	21.90		
3	64QAM	8	4	21.78	22.01	21.80	22.7	3
3	64QAM	8	7	21.87	21.87	21.84		
3	64QAM	15	0	21.93	22.10	21.83		
3	256QAM	1	0	19.93	19.92	19.90		
3	256QAM	1	8	19.86	19.98	19.85	20.7	5
3	256QAM	1	14	19.85	19.88	19.78		
3	256QAM	8	0	19.94	19.93	19.91		
3	256QAM	8	4	19.89	19.88	19.93	20.7	5
3	256QAM	8	7	19.74	19.92	19.88		
3	256QAM	15	0	19.88	19.93	19.86		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.91	25.02	24.84		
1.4	QPSK	1	3	24.79	24.89	24.72		
1.4	QPSK	1	5	24.84	24.88	24.81	25.7	0
1.4	QPSK	3	0	23.85	24.00	23.88		
1.4	QPSK	3	1	23.84	23.95	23.77		
1.4	QPSK	3	3	23.87	23.80	23.83		
1.4	QPSK	6	0	23.96	24.04	23.86	24.7	1
1.4	16QAM	1	0	23.82	23.93	23.85		
1.4	16QAM	1	3	23.79	23.87	23.84		
1.4	16QAM	1	5	23.87	23.94	23.84	24.7	1
1.4	16QAM	3	0	22.92	22.93	22.88		
1.4	16QAM	3	1	22.81	22.89	22.80		
1.4	16QAM	3	3	22.88	22.90	22.81		
1.4	16QAM	6	0	22.96	23.00	22.85	23.7	2
1.4	64QAM	1	0	22.86	22.99	23.02		
1.4	64QAM	1	3	22.77	22.88	22.80		
1.4	64QAM	1	5	22.86	22.93	22.70	23.7	2
1.4	64QAM	3	0	21.94	21.99	21.96		
1.4	64QAM	3	1	21.83	22.01	21.88		
1.4	64QAM	3	3	21.85	21.80	21.86		
1.4	64QAM	6	0	21.90	22.04	21.90	22.7	3
1.4	256QAM	1	0	19.89	20.03	20.00		
1.4	256QAM	1	3	19.85	19.91	19.85		
1.4	256QAM	1	5	19.83	19.84	19.72	20.7	5
1.4	256QAM	3	0	19.90	20.02	19.89		
1.4	256QAM	3	1	19.81	19.94	19.86		
1.4	256QAM	3	3	19.75	19.95	19.82		
1.4	256QAM	6	0	19.86	19.89	19.89	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	25.02	25.06	24.99	25.7	0
20	QPSK	1	49	24.96	24.99	24.91		
20	QPSK	1	99	24.91	24.97	24.92		
20	QPSK	50	0	24.00	24.09	23.97	24.7	1
20	QPSK	50	24	23.93	24.05	23.90		
20	QPSK	50	50	23.89	23.97	23.94		
20	QPSK	100	0	24.06	24.08	24.02		
20	16QAM	1	0	24.05	24.03	24.05	24.7	1
20	16QAM	1	49	23.92	24.01	23.94		
20	16QAM	1	99	23.89	23.97	23.96		
20	16QAM	50	0	22.94	23.06	22.96	23.7	2
20	16QAM	50	24	22.92	23.06	22.96		
20	16QAM	50	50	22.88	23.00	22.94		
20	16QAM	100	0	23.00	23.13	23.01		
20	64QAM	1	0	23.01	23.02	23.00	23.7	2
20	64QAM	1	49	22.91	22.96	22.96		
20	64QAM	1	99	22.93	22.93	22.96		
20	64QAM	50	0	22.00	22.13	21.93	22.7	3
20	64QAM	50	24	21.98	22.05	21.84		
20	64QAM	50	50	21.85	22.00	21.90		
20	64QAM	100	0	22.02	22.10	21.98		
20	256QAM	1	0	19.98	20.07	20.02	20.7	5
20	256QAM	1	49	19.94	20.09	19.95		
20	256QAM	1	99	19.88	19.95	19.93		
20	256QAM	50	0	20.07	20.09	20.02	20.7	5
20	256QAM	50	24	20.06	20.09	20.09		
20	256QAM	50	50	19.97	20.04	19.94		
20	256QAM	100	0	19.88	19.94	19.90		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.97	25.00	24.91	25.7	0
15	QPSK	1	37	24.87	24.91	24.81		
15	QPSK	1	74	24.86	24.95	24.85		
15	QPSK	36	0	23.92	23.97	23.94	24.7	1
15	QPSK	36	20	23.84	23.91	23.84		
15	QPSK	36	39	23.78	23.87	23.86		
15	QPSK	75	0	23.99	24.00	23.95		
15	16QAM	1	0	24.01	23.94	23.99	24.7	1
15	16QAM	1	37	23.88	23.98	23.83		
15	16QAM	1	74	23.79	23.92	23.94		
15	16QAM	36	0	22.87	22.96	22.92	23.7	2
15	16QAM	36	20	22.79	22.97	22.93		
15	16QAM	36	39	22.81	22.95	22.81		
15	16QAM	75	0	22.93	23.00	22.93		
15	64QAM	1	0	22.91	22.91	22.98	23.7	2
15	64QAM	1	37	22.83	22.83	22.87		
15	64QAM	1	74	22.85	22.86	22.93		
15	64QAM	36	0	21.86	22.01	21.88	22.7	3
15	64QAM	36	20	21.96	21.94	21.73		
15	64QAM	36	39	21.76	21.90	21.87		
15	64QAM	75	0	21.92	22.06	21.92		
15	256QAM	1	0	19.91	20.05	19.91	20.7	5
15	256QAM	1	37	19.85	19.96	19.84		
15	256QAM	1	74	19.85	19.86	19.85		
15	256QAM	36	0	20.04	19.96	19.99	20.7	5
15	256QAM	36	20	19.99	20.02	20.01		
15	256QAM	36	39	19.84	20.01	19.82		
15	256QAM	75	0	19.85	19.88	19.80		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.92	24.96	24.85	25.7	0
10	QPSK	1	25	24.89	24.90	24.80		
10	QPSK	1	49	24.87	24.93	24.85		
10	QPSK	25	0	23.88	24.02	23.83	24.7	1
10	QPSK	25	12	23.82	23.92	23.80		
10	QPSK	25	25	23.83	23.89	23.89		
10	QPSK	50	0	24.00	24.02	23.90		
10	16QAM	1	0	23.93	23.93	24.01	24.7	1
10	16QAM	1	25	23.89	23.89	23.90		
10	16QAM	1	49	23.83	23.90	23.94		
10	16QAM	25	0	22.86	22.92	22.87	23.7	2
10	16QAM	25	12	22.85	22.94	22.85		
10	16QAM	25	25	22.76	22.88	22.81		
10	16QAM	50	0	22.93	23.00	22.89		
10	64QAM	1	0	22.91	22.90	22.96	23.7	2
10	64QAM	1	25	22.87	22.89	22.91		
10	64QAM	1	49	22.89	22.89	22.84		
10	64QAM	25	0	21.89	22.05	21.84	22.7	3
10	64QAM	25	12	21.86	21.92	21.80		
10	64QAM	25	25	21.77	21.92	21.84		
10	64QAM	50	0	21.92	21.99	21.95		
10	256QAM	1	0	19.89	19.98	19.96	20.7	5
10	256QAM	1	25	19.82	19.95	19.88		
10	256QAM	1	49	19.77	19.82	19.90		
10	256QAM	25	0	20.00	20.00	19.90	20.7	5
10	256QAM	25	12	19.94	19.98	20.03		
10	256QAM	25	25	19.93	19.93	19.94		
10	256QAM	50	0	19.86	19.82	19.81		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.92	24.94	24.90	25.7	0
5	QPSK	1	12	24.85	24.90	24.79		
5	QPSK	1	24	24.81	24.85	24.79		
5	QPSK	12	0	23.87	24.02	23.92	24.7	1
5	QPSK	12	7	23.91	23.91	23.84		
5	QPSK	12	13	23.77	23.85	23.82		
5	QPSK	25	0	24.04	23.95	23.94		
5	16QAM	1	0	23.96	23.90	23.93	24.7	1
5	16QAM	1	12	23.84	23.94	23.81		
5	16QAM	1	24	23.78	23.94	23.92		
5	16QAM	12	0	22.81	23.00	22.85	23.7	2
5	16QAM	12	7	22.81	22.93	22.84		
5	16QAM	12	13	22.78	22.88	22.81		
5	16QAM	25	0	22.92	23.02	22.91		
5	64QAM	1	0	22.97	22.89	22.97	23.7	2
5	64QAM	1	12	22.77	22.84	22.83		
5	64QAM	1	24	22.90	22.89	22.83		
5	64QAM	12	0	21.89	22.00	21.80	22.7	3
5	64QAM	12	7	21.85	22.03	21.75		
5	64QAM	12	13	21.74	21.98	21.82		
5	64QAM	25	0	21.92	22.07	21.87		
5	256QAM	1	0	19.85	19.96	19.91	20.7	5
5	256QAM	1	12	19.85	19.97	19.89		
5	256QAM	1	24	19.85	19.87	19.88		
5	256QAM	12	0	19.99	19.97	19.99	20.7	5
5	256QAM	12	7	20.04	20.00	20.01		
5	256QAM	12	13	19.94	19.97	19.87		
5	256QAM	25	0	19.75	19.85	19.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.99	25.08	25.13	25.08	25.05	25.7	0
20	QPSK	1	49	24.92	25.00	25.11	25.04	24.97		
20	QPSK	1	99	24.96	25.04	25.08	25.02	24.92		
20	QPSK	50	0	24.03	24.05	24.16	24.02	24.06	24.7	1
20	QPSK	50	24	23.97	24.03	24.15	24.06	24.01		
20	QPSK	50	50	24.00	24.03	24.09	23.97	23.91		
20	QPSK	100	0	23.98	24.08	24.13	24.10	24.07		
20	16QAM	1	0	24.02	24.04	24.12	24.11	24.02	24.7	1
20	16QAM	1	49	23.95	23.97	24.07	24.04	24.03		
20	16QAM	1	99	23.93	24.02	24.11	23.98	23.88		
20	16QAM	50	0	23.08	23.04	23.10	23.01	23.07	23.7	2
20	16QAM	50	24	22.99	23.05	23.20	23.10	22.97		
20	16QAM	50	50	22.98	23.00	23.04	22.98	22.91		
20	16QAM	100	0	22.94	23.05	23.08	23.08	23.09		
20	64QAM	1	0	23.08	23.08	23.18	23.09	23.03	23.7	2
20	64QAM	1	49	22.99	22.99	23.04	23.07	23.01		
20	64QAM	1	99	22.96	23.03	23.09	23.00	22.92		
20	64QAM	50	0	22.05	22.06	22.11	21.99	22.08	22.7	3
20	64QAM	50	24	21.98	22.02	22.21	22.04	22.05		
20	64QAM	50	50	21.97	22.03	22.14	21.98	21.88		
20	64QAM	100	0	22.02	22.06	22.15	22.15	22.06		
20	256QAM	1	0	20.03	19.99	20.15	20.08	20.08	20.7	5
20	256QAM	1	49	19.93	20.06	20.13	20.04	20.04		
20	256QAM	1	99	20.04	19.99	20.08	20.02	19.90		
20	256QAM	50	0	20.02	20.06	20.08	20.05	20.04	20.7	5
20	256QAM	50	24	20.00	20.01	20.15	20.08	19.97		
20	256QAM	50	50	19.99	19.99	20.04	20.04	19.98		
20	256QAM	100	0	19.88	20.06	20.15	20.01	19.86		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.94	25.01	25.02	24.99	24.95	25.70	0
15	QPSK	1	37	24.88	24.87	25.09	25.00	24.92		
15	QPSK	1	74	24.91	24.92	25.00	24.92	24.81		
15	QPSK	36	0	23.95	23.99	24.11	23.93	23.99	24.7	1
15	QPSK	36	20	23.86	23.97	24.13	23.93	23.99		
15	QPSK	36	39	23.91	23.97	24.03	23.91	23.85		
15	QPSK	75	0	23.89	23.99	24.00	24.07	23.97		
15	16QAM	1	0	23.90	24.01	24.00	23.97	23.99	24.7	1
15	16QAM	1	37	23.82	23.84	23.98	23.92	23.90		
15	16QAM	1	74	23.79	23.90	24.08	23.95	23.75		
15	16QAM	36	0	23.01	23.00	22.97	22.88	22.93	23.7	2
15	16QAM	36	20	22.92	22.98	23.18	22.99	22.89		
15	16QAM	36	39	22.96	22.98	22.97	22.89	22.83		
15	16QAM	75	0	22.80	23.00	23.06	22.99	23.00		
15	64QAM	1	0	23.04	22.95	23.13	23.04	22.90	23.7	2
15	64QAM	1	37	22.91	22.87	22.91	22.99	22.89		
15	64QAM	1	74	22.85	22.92	23.04	22.88	22.88		
15	64QAM	36	0	22.00	21.96	21.99	21.85	22.02	22.7	3
15	64QAM	36	20	21.88	21.93	22.15	21.99	21.95		
15	64QAM	36	39	21.91	21.98	22.09	21.94	21.79		
15	64QAM	75	0	21.99	21.98	22.13	22.09	21.93		
15	256QAM	1	0	19.91	19.92	20.10	20.00	19.96	20.7	5
15	256QAM	1	37	19.80	20.02	20.09	19.91	19.92		
15	256QAM	1	74	19.94	19.96	19.95	19.93	19.85		
15	256QAM	36	0	19.89	19.98	20.06	19.97	20.00	20.7	5
15	256QAM	36	20	19.92	19.90	20.05	20.04	19.95		
15	256QAM	36	39	19.89	19.94	19.96	19.92	19.85		
15	256QAM	75	0	19.85	19.94	20.04	19.88	19.83		
Channel				39700	40150	40600	41050	41500	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.96	25.00	25.00	25.06	24.95	25.70	0
10	QPSK	1	25	24.88	24.90	24.98	24.98	24.88		
10	QPSK	1	49	24.86	24.98	25.01	24.92	24.84		
10	QPSK	25	0	23.92	23.91	24.03	23.99	23.96	24.7	1
10	QPSK	25	12	23.94	23.92	24.13	24.04	23.91		
10	QPSK	25	25	23.91	23.92	24.02	23.84	23.78		
10	QPSK	50	0	23.94	24.03	24.07	23.99	24.03		
10	16QAM	1	0	23.96	23.98	24.00	24.00	23.90	24.7	1
10	16QAM	1	25	23.85	23.84	24.00	23.94	23.95		
10	16QAM	1	49	23.86	23.94	24.02	23.96	23.86		
10	16QAM	25	0	23.04	22.94	23.00	22.96	22.99	23.7	2
10	16QAM	25	12	22.90	22.91	23.11	22.97	22.92		
10	16QAM	25	25	22.92	22.89	22.96	22.95	22.80		
10	16QAM	50	0	22.83	23.00	23.03	23.06	22.95		
10	64QAM	1	0	23.00	22.98	23.09	23.04	23.01	23.7	2
10	64QAM	1	25	22.93	22.86	22.98	22.94	22.97		
10	64QAM	1	49	22.83	22.91	23.04	22.91	22.82		
10	64QAM	25	0	21.94	22.00	22.00	21.88	21.97	22.7	3
10	64QAM	25	12	21.95	21.95	22.12	21.90	21.97		
10	64QAM	25	25	21.92	21.99	22.10	21.86	21.85		
10	64QAM	50	0	21.99	22.00	22.12	22.02	22.00		
10	256QAM	1	0	19.99	19.96	20.11	20.05	20.06	20.7	5
10	256QAM	1	25	19.81	19.98	20.08	19.97	19.97		
10	256QAM	1	49	19.93	19.87	19.97	19.90	19.86		
10	256QAM	25	0	19.98	19.98	19.99	19.95	19.93	20.7	5
10	256QAM	25	12	19.97	19.97	20.03	20.05	19.94		
10	256QAM	25	25	19.92	19.91	20.01	19.92	19.95		
10	256QAM	50	0	19.82	19.98	20.05	19.98	19.81		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.94	24.98	25.06	25.01	24.98	25.70	0
5	QPSK	1	12	24.85	24.87	25.02	24.94	24.90		
5	QPSK	1	24	24.89	24.95	25.03	24.91	24.81		
5	QPSK	12	0	23.90	23.95	24.14	23.90	23.94	24.7	1
5	QPSK	12	7	23.95	23.91	24.10	24.04	23.92		
5	QPSK	12	13	23.88	23.94	24.00	23.84	23.83		
5	QPSK	25	0	23.89	24.00	24.04	24.04	23.95		
5	16QAM	1	0	23.97	24.02	24.05	23.98	23.97	24.7	1
5	16QAM	1	12	23.90	23.91	24.01	23.98	24.00		
5	16QAM	1	24	23.82	23.94	24.07	23.87	23.75		
5	16QAM	12	0	22.94	22.98	23.05	22.98	23.00	23.7	2
5	16QAM	12	7	22.90	22.93	23.07	23.07	22.94		
5	16QAM	12	13	22.92	22.95	22.93	22.89	22.80		
5	16QAM	25	0	22.89	23.00	23.00	22.99	22.96		
5	64QAM	1	0	23.03	22.97	23.05	23.03	23.01	23.7	2
5	64QAM	1	12	22.96	22.94	22.93	22.98	22.93		
5	64QAM	1	24	22.87	22.92	22.97	22.95	22.88		
5	64QAM	12	0	21.99	22.00	21.98	21.96	22.01	22.7	3
5	64QAM	12	7	21.85	21.91	22.11	21.94	21.93		
5	64QAM	12	13	21.88	21.93	22.01	21.88	21.85		
5	64QAM	25	0	21.95	21.92	22.10	22.05	21.95		
5	256QAM	1	0	19.94	19.91	20.03	20.02	20.00	20.7	5
5	256QAM	1	12	19.84	20.03	20.05	19.93	19.94		
5	256QAM	1	24	19.96	19.95	19.95	19.95	19.83		
5	256QAM	12	0	19.95	20.01	20.01	19.99	19.99	20.7	5
5	256QAM	12	7	19.86	19.90	20.08	19.99	19.95		
5	256QAM	12	13	19.89	19.93	20.00	19.97	19.89		
5	256QAM	25	0	19.74	19.94	20.08	19.90	19.83		

Band 2 Ant5 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	22.30	22.40	22.33		
20	QPSK	1	49	22.26	22.35	22.19	24	0
20	QPSK	1	99	22.25	22.33	22.20		
20	QPSK	50	0	21.29	21.41	21.39		
20	QPSK	50	24	21.21	21.36	21.24	23	1
20	QPSK	50	50	21.21	21.31	21.16		
20	QPSK	100	0	21.30	21.38	21.30		
20	16QAM	1	0	21.30	21.37	21.33		
20	16QAM	1	49	21.26	21.32	21.25	23	1
20	16QAM	1	99	21.19	21.30	21.16		
20	16QAM	50	0	20.27	20.46	20.42		
20	16QAM	50	24	20.19	20.31	20.19	22	2
20	16QAM	50	50	20.21	20.30	20.21		
20	16QAM	100	0	20.32	20.37	20.27		
20	64QAM	1	0	20.29	20.43	20.31		
20	64QAM	1	49	20.22	20.27	20.26	22	2
20	64QAM	1	99	20.16	20.33	20.10		
20	64QAM	50	0	19.25	19.46	19.39		
20	64QAM	50	24	19.21	19.39	19.26	21	3
20	64QAM	50	50	19.24	19.34	19.18		
20	64QAM	100	0	19.34	19.40	19.25		
20	256QAM	1	0	17.27	17.38	17.42		
20	256QAM	1	49	17.24	17.33	17.30	19	5
20	256QAM	1	99	17.18	17.35	17.14		
20	256QAM	50	0	17.34	17.39	17.34		
20	256QAM	50	24	17.27	17.32	17.29	19	5
20	256QAM	50	50	17.26	17.35	17.22		
20	256QAM	100	0	17.15	17.34	17.15		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	22.26	22.33	22.29		
15	QPSK	1	37	22.17	22.33	22.12	24	0
15	QPSK	1	74	22.18	22.20	22.13		
15	QPSK	36	0	21.26	21.36	21.25		
15	QPSK	36	20	21.16	21.34	21.18	23	1
15	QPSK	36	39	21.07	21.22	21.12		
15	QPSK	75	0	21.23	21.25	21.28		
15	16QAM	1	0	21.23	21.28	21.25		
15	16QAM	1	37	21.18	21.23	21.14	23	1
15	16QAM	1	74	21.07	21.21	21.14		
15	16QAM	36	0	20.23	20.36	20.34		
15	16QAM	36	20	20.11	20.23	20.15	22	2
15	16QAM	36	39	20.16	20.23	20.17		
15	16QAM	75	0	20.31	20.19	20.19		
15	64QAM	1	0	20.18	20.33	20.27		
15	64QAM	1	37	20.17	20.15	20.22	22	2
15	64QAM	1	74	20.05	20.28	20.00		
15	64QAM	36	0	19.21	19.39	19.26		
15	64QAM	36	20	19.15	19.28	19.22	21	3
15	64QAM	36	39	19.18	19.23	19.09		
15	64QAM	75	0	19.26	19.35	19.13		
15	256QAM	1	0	17.15	17.25	17.30		
15	256QAM	1	37	17.19	17.27	17.27	19	5
15	256QAM	1	74	17.06	17.27	17.08		
15	256QAM	36	0	17.21	17.29	17.31		
15	256QAM	36	20	17.21	17.27	17.26	19	5
15	256QAM	36	39	17.21	17.25	17.17		
15	256QAM	75	0	17.03	17.25	17.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.17	22.29	22.30		
10	QPSK	1	25	22.21	22.31	22.06	24	0
10	QPSK	1	49	22.20	22.24	22.08		
10	QPSK	25	0	21.26	21.27	21.26		
10	QPSK	25	12	21.08	21.27	21.20	23	1
10	QPSK	25	25	21.15	21.21	21.03		
10	QPSK	50	0	21.23	21.34	21.20		
10	16QAM	1	0	21.22	21.34	21.30		
10	16QAM	1	25	21.21	21.28	21.11	23	1
10	16QAM	1	49	21.14	21.17	21.04		
10	16QAM	25	0	20.13	20.34	20.31		
10	16QAM	25	12	20.08	20.27	20.13	22	2
10	16QAM	25	25	20.10	20.16	20.17		
10	16QAM	50	0	20.25	20.24	20.18		
10	64QAM	1	0	20.21	20.40	20.18		
10	64QAM	1	25	20.16	20.18	20.23	22	2
10	64QAM	1	49	20.03	20.23	20.07		
10	64QAM	25	0	19.12	19.36	19.28		
10	64QAM	25	12	19.07	19.35	19.16	21	3
10	64QAM	25	25	19.21	19.23	19.08		
10	64QAM	50	0	19.24	19.34	19.13		
10	256QAM	1	0	17.18	17.32	17.28		
10	256QAM	1	25	17.20	17.30	17.19	19	5
10	256QAM	1	49	17.11	17.23	17.11		
10	256QAM	25	0	17.31	17.29	17.27		
10	256QAM	25	12	17.18	17.28	17.25	19	5
10	256QAM	25	25	17.20	17.25	17.08		
10	256QAM	50	0	17.04	17.31	17.12		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.26	22.33	22.25		
5	QPSK	1	12	22.15	22.32	22.13	24	0
5	QPSK	1	24	22.19	22.22	22.13		
5	QPSK	12	0	21.26	21.27	21.28		
5	QPSK	12	7	21.15	21.33	21.11	23	1
5	QPSK	12	13	21.15	21.23	21.06		
5	QPSK	25	0	21.18	21.34	21.27		
5	16QAM	1	0	21.25	21.32	21.22		
5	16QAM	1	12	21.13	21.19	21.19	23	1
5	16QAM	1	24	21.13	21.25	21.10		
5	16QAM	12	0	20.24	20.34	20.38		
5	16QAM	12	7	20.05	20.26	20.14	22	2
5	16QAM	12	13	20.13	20.19	20.08		
5	16QAM	25	0	20.22	20.26	20.22		
5	64QAM	1	0	20.26	20.30	20.20		
5	64QAM	1	12	20.20	20.22	20.22	22	2
5	64QAM	1	24	20.09	20.21	20.04		
5	64QAM	12	0	19.14	19.38	19.30		
5	64QAM	12	7	19.08	19.33	19.19	21	3
5	64QAM	12	13	19.18	19.29	19.11		
5	64QAM	25	0	19.32	19.26	19.16		
5	256QAM	1	0	17.25	17.29	17.36		
5	256QAM	1	12	17.16	17.24	17.24	19	5
5	256QAM	1	24	17.08	17.30	17.08		
5	256QAM	12	0	17.28	17.34	17.30		
5	256QAM	12	7	17.19	17.29	17.19	19	5
5	256QAM	12	13	17.18	17.22	17.16		
5	256QAM	25	0	17.04	17.23	17.02		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.22	22.34	22.25		
3	QPSK	1	8	22.23	22.21	22.14	24	0
3	QPSK	1	14	22.11	22.20	22.11		
3	QPSK	8	0	21.21	21.28	21.29		
3	QPSK	8	4	21.07	21.33	21.10	23	1
3	QPSK	8	7	21.14	21.25	21.11		
3	QPSK	15	0	21.22	21.26	21.25		
3	16QAM	1	0	21.22	21.24	21.27		
3	16QAM	1	8	21.21	21.23	21.16	23	1
3	16QAM	1	14	21.07	21.17	21.04		
3	16QAM	8	0	20.23	20.43	20.30		
3	16QAM	8	4	20.09	20.28	20.17	22	2
3	16QAM	8	7	20.13	20.27	20.14		
3	16QAM	15	0	20.26	20.24	20.14		
3	64QAM	1	0	20.22	20.40	20.25		
3	64QAM	1	8	20.19	20.24	20.17	22	2
3	64QAM	1	14	20.04	20.29	19.97		
3	64QAM	8	0	19.15	19.44	19.26		
3	64QAM	8	4	19.08	19.33	19.15	21	3
3	64QAM	8	7	19.19	19.29	19.07		
3	64QAM	15	0	19.24	19.28	19.14		
3	256QAM	1	0	17.14	17.26	17.29		
3	256QAM	1	8	17.18	17.31	17.18	19	5
3	256QAM	1	14	17.07	17.25	17.03		
3	256QAM	8	0	17.29	17.27	17.21		
3	256QAM	8	4	17.24	17.20	17.17	19	5
3	256QAM	8	7	17.15	17.32	17.10		
3	256QAM	15	0	17.06	17.24	17.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.25	22.35	22.27		
1.4	QPSK	1	3	22.24	22.26	22.09		
1.4	QPSK	1	5	22.18	22.22	22.17	24	0
1.4	QPSK	3	0	22.14	22.25	22.22		
1.4	QPSK	3	1	22.14	22.19	22.02		
1.4	QPSK	3	3	22.16	22.14	22.13		
1.4	QPSK	6	0	21.28	21.29	21.17	23	1
1.4	16QAM	1	0	21.23	21.27	21.28		
1.4	16QAM	1	3	21.23	21.25	21.15		
1.4	16QAM	1	5	21.16	21.23	21.05	23	1
1.4	16QAM	3	0	21.21	21.22	21.03		
1.4	16QAM	3	1	21.15	21.16	21.19		
1.4	16QAM	3	3	21.15	21.22	21.04		
1.4	16QAM	6	0	20.25	20.28	20.16	22	2
1.4	64QAM	1	0	20.19	20.35	20.25		
1.4	64QAM	1	3	20.11	20.25	20.14		
1.4	64QAM	1	5	20.10	20.27	20.05	22	2
1.4	64QAM	3	0	20.13	20.19	20.03		
1.4	64QAM	3	1	20.10	20.24	20.16		
1.4	64QAM	3	3	20.07	20.15	20.06		
1.4	64QAM	6	0	19.23	19.31	19.16	21	3
1.4	256QAM	1	0	17.19	17.25	17.30		
1.4	256QAM	1	3	17.22	17.28	17.18		
1.4	256QAM	1	5	17.16	17.30	17.01	19	5
1.4	256QAM	3	0	17.24	17.29	17.30		
1.4	256QAM	3	1	17.15	17.26	17.19		
1.4	256QAM	3	3	17.13	17.29	17.16		
1.4	256QAM	6	0	17.08	17.20	17.07	19	5

Band 4 Ant5 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	23.01	23.07	22.98		
20	QPSK	1	49	22.94	23.03	22.92	24.5	0
20	QPSK	1	99	22.88	22.98	22.94		
20	QPSK	50	0	21.98	22.12	21.98		
20	QPSK	50	24	21.94	22.04	21.97	23.5	1
20	QPSK	50	50	21.88	21.96	21.90		
20	QPSK	100	0	21.99	22.08	22.00		
20	16QAM	1	0	21.98	22.05	22.02		
20	16QAM	1	49	22.00	22.05	21.89	23.5	1
20	16QAM	1	99	21.92	22.01	21.94		
20	16QAM	50	0	20.95	21.14	20.98		
20	16QAM	50	24	20.99	21.02	21.03	22.5	2
20	16QAM	50	50	20.90	20.96	20.95		
20	16QAM	100	0	20.96	21.12	21.02		
20	64QAM	1	0	20.97	21.10	21.07		
20	64QAM	1	49	21.02	21.09	20.91	22.5	2
20	64QAM	1	99	20.91	21.04	20.89		
20	64QAM	50	0	20.00	20.13	20.04		
20	64QAM	50	24	19.89	20.07	19.95	21.5	3
20	64QAM	50	50	19.91	19.98	19.87		
20	64QAM	100	0	19.96	20.09	19.97		
20	256QAM	1	0	17.99	18.12	17.94		
20	256QAM	1	49	17.98	18.01	17.92	19.5	5
20	256QAM	1	99	17.90	17.96	17.95		
20	256QAM	50	0	17.98	18.06	18.04		
20	256QAM	50	24	18.02	18.07	18.03	19.5	5
20	256QAM	50	50	18.02	18.10	17.89		
20	256QAM	100	0	17.96	18.06	17.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.93	23.05	22.85		
15	QPSK	1	37	22.82	22.98	22.79	24.5	0
15	QPSK	1	74	22.78	22.91	22.89		
15	QPSK	36	0	21.90	22.06	21.86		
15	QPSK	36	20	21.86	21.93	21.86	23.5	1
15	QPSK	36	39	21.84	21.84	21.77		
15	QPSK	75	0	21.93	22.03	21.93		
15	16QAM	1	0	21.94	21.93	22.00		
15	16QAM	1	37	21.90	21.95	21.76	23.5	1
15	16QAM	1	74	21.83	21.96	21.88		
15	16QAM	36	0	20.81	21.04	20.95		
15	16QAM	36	20	20.86	20.94	20.94	22.5	2
15	16QAM	36	39	20.87	20.84	20.82		
15	16QAM	75	0	20.92	21.08	20.91		
15	64QAM	1	0	20.91	21.07	21.03		
15	64QAM	1	37	21.00	21.01	20.79	22.5	2
15	64QAM	1	74	20.86	20.98	20.77		
15	64QAM	36	0	19.88	20.09	19.92		
15	64QAM	36	20	19.80	20.00	19.90	21.5	3
15	64QAM	36	39	19.78	19.95	19.73		
15	64QAM	75	0	19.87	19.98	19.87		
15	256QAM	1	0	17.97	18.09	17.81		
15	256QAM	1	37	17.94	17.97	17.87	19.5	5
15	256QAM	1	74	17.82	17.88	17.91		
15	256QAM	36	0	17.89	18.01	17.91		
15	256QAM	36	20	17.94	17.98	18.00	19.5	5
15	256QAM	36	39	17.99	18.07	17.85		
15	256QAM	75	0	17.83	17.94	17.93		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.88	23.01	22.94		
10	QPSK	1	25	22.87	22.95	22.89	24.5	0
10	QPSK	1	49	22.75	22.89	22.82		
10	QPSK	25	0	21.84	22.04	21.93		
10	QPSK	25	12	21.80	21.99	21.87	23.5	1
10	QPSK	25	25	21.78	21.85	21.80		
10	QPSK	50	0	21.93	21.99	21.91		
10	16QAM	1	0	21.95	22.02	21.95		
10	16QAM	1	25	21.97	22.01	21.83	23.5	1
10	16QAM	1	49	21.80	21.95	21.90		
10	16QAM	25	0	20.88	21.07	20.90		
10	16QAM	25	12	20.97	20.89	20.96	22.5	2
10	16QAM	25	25	20.79	20.82	20.91		
10	16QAM	50	0	20.84	21.00	20.89		
10	64QAM	1	0	20.84	21.06	21.05		
10	64QAM	1	25	20.98	21.03	20.81	22.5	2
10	64QAM	1	49	20.85	20.95	20.77		
10	64QAM	25	0	19.91	20.00	19.98		
10	64QAM	25	12	19.86	19.95	19.91	21.5	3
10	64QAM	25	25	19.78	19.91	19.84		
10	64QAM	50	0	19.93	19.98	19.89		
10	256QAM	1	0	17.96	18.06	17.83		
10	256QAM	1	25	17.93	17.91	17.82	19.5	5
10	256QAM	1	49	17.80	17.85	17.81		
10	256QAM	25	0	17.93	17.95	17.96		
10	256QAM	25	12	17.98	18.05	17.89	19.5	5
10	256QAM	25	25	17.92	18.02	17.83		
10	256QAM	50	0	17.65	17.97	17.93		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.94	23.03	22.91		
5	QPSK	1	12	22.90	22.91	22.89	24.5	0
5	QPSK	1	24	22.79	22.90	22.90		
5	QPSK	12	0	21.86	22.04	21.87		
5	QPSK	12	7	21.85	21.97	21.92	23.5	1
5	QPSK	12	13	21.82	21.88	21.77		
5	QPSK	25	0	21.90	22.00	21.89		
5	16QAM	1	0	21.91	22.03	21.92		
5	16QAM	1	12	21.88	22.03	21.84	23.5	1
5	16QAM	1	24	21.80	21.98	21.82		
5	16QAM	12	0	20.92	21.08	20.86		
5	16QAM	12	7	20.96	20.98	20.94	22.5	2
5	16QAM	12	13	20.84	20.91	20.81		
5	16QAM	25	0	20.86	21.06	20.97		
5	64QAM	1	0	20.88	20.97	21.00		
5	64QAM	1	12	20.89	21.06	20.78	22.5	2
5	64QAM	1	24	20.84	20.98	20.77		
5	64QAM	12	0	19.95	20.01	19.91		
5	64QAM	12	7	19.86	20.01	19.84	21.5	3
5	64QAM	12	13	19.78	19.86	19.78		
5	64QAM	25	0	19.89	19.97	19.94		
5	256QAM	1	0	17.89	18.05	17.84		
5	256QAM	1	12	17.93	17.96	17.85	19.5	5
5	256QAM	1	24	17.77	17.84	17.90		
5	256QAM	12	0	17.86	17.98	17.90		
5	256QAM	12	7	17.98	17.97	17.91	19.5	5
5	256QAM	12	13	17.96	18.00	17.77		
5	256QAM	25	0	17.84	17.96	17.86		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.95	22.95	22.85		
3	QPSK	1	8	22.90	22.98	22.85	24.5	0
3	QPSK	1	14	22.79	22.89	22.90		
3	QPSK	8	0	21.90	21.98	21.84		
3	QPSK	8	4	21.82	22.00	21.86	23.5	1
3	QPSK	8	7	21.75	21.89	21.77		
3	QPSK	15	0	21.88	21.96	21.96		
3	16QAM	1	0	21.88	21.93	21.96		
3	16QAM	1	8	21.97	21.97	21.86	23.5	1
3	16QAM	1	14	21.81	21.95	21.88		
3	16QAM	8	0	20.87	21.02	20.96		
3	16QAM	8	4	20.90	20.89	20.91	22.5	2
3	16QAM	8	7	20.86	20.87	20.81		
3	16QAM	15	0	20.86	21.01	20.95		
3	64QAM	1	0	20.90	20.96	21.05		
3	64QAM	1	8	20.90	21.00	20.85	22.5	2
3	64QAM	1	14	20.80	21.00	20.82		
3	64QAM	8	0	19.94	20.01	20.01		
3	64QAM	8	4	19.79	20.03	19.87	21.5	3
3	64QAM	8	7	19.86	19.86	19.74		
3	64QAM	15	0	19.86	19.97	19.84		
3	256QAM	1	0	17.93	17.98	17.91		
3	256QAM	1	8	17.96	17.93	17.81	19.5	5
3	256QAM	1	14	17.78	17.89	17.90		
3	256QAM	8	0	17.93	17.97	18.01		
3	256QAM	8	4	17.90	18.03	18.00	19.5	5
3	256QAM	8	7	17.92	18.02	17.77		
3	256QAM	15	0	17.88	17.93	17.89		
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	22.86		
1.4	QPSK	1	3	22.81	22.90	22.88		
1.4	QPSK	1	5	22.74	22.85	22.83	24.5	0
1.4	QPSK	3	0	22.76	23.00	22.74		
1.4	QPSK	3	1	22.73	22.88	22.76		
1.4	QPSK	3	3	22.62	22.73	22.79		
1.4	QPSK	6	0	21.88	21.99	21.98	23.5	1
1.4	16QAM	1	0	21.96	21.93	21.92		
1.4	16QAM	1	3	21.90	21.93	21.77		
1.4	16QAM	1	5	21.84	21.98	21.81	23.5	1
1.4	16QAM	3	0	21.75	21.96	21.86		
1.4	16QAM	3	1	21.91	21.81	21.87		
1.4	16QAM	3	3	21.84	21.85	21.68		
1.4	16QAM	6	0	20.84	21.01	20.91	22.5	2
1.4	64QAM	1	0	20.95	21.03	20.98		
1.4	64QAM	1	3	20.90	21.02	20.84		
1.4	64QAM	1	5	20.79	20.96	20.81	22.5	2
1.4	64QAM	3	0	20.76	20.99	20.89		
1.4	64QAM	3	1	20.82	20.92	20.89		
1.4	64QAM	3	3	20.80	20.97	20.80		
1.4	64QAM	6	0	19.92	19.97	19.93	21.5	3
1.4	256QAM	1	0	17.95	18.01	17.84		
1.4	256QAM	1	3	17.94	17.91	17.86		
1.4	256QAM	1	5	17.77	17.85	17.82	19.5	5
1.4	256QAM	3	0	17.92	18.04	18.01		
1.4	256QAM	3	1	17.98	17.96	17.94		
1.4	256QAM	3	3	18.00	18.05	17.79		
1.4	256QAM	6	0	17.86	18.00	17.83	19.5	5

Band 7 Ant5 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	22.45	22.48	22.41		
20	QPSK	1	49	22.39	22.39	22.38	24	0
20	QPSK	1	99	22.35	22.37	22.34		
20	QPSK	50	0	21.44	21.54	21.42		
20	QPSK	50	24	21.40	21.34	21.40	23	1
20	QPSK	50	50	21.35	21.40	21.32		
20	QPSK	100	0	21.49	21.52	21.37		
20	16QAM	1	0	21.40	21.51	21.41		
20	16QAM	1	49	21.33	21.36	21.33	23	1
20	16QAM	1	99	21.34	21.38	21.32		
20	16QAM	50	0	20.49	20.60	20.39		

Band 66 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.08	23.12	23.05	24.5	0
20	QPSK	1	49	22.98	23.10	23.01		
20	QPSK	1	99	22.96	23.07	22.95		
20	QPSK	50	0	22.05	22.13	22.06	23.5	1
20	QPSK	50	24	21.93	22.12	22.05		
20	QPSK	50	50	22.00	22.01	21.91		
20	QPSK	100	0	22.09	22.12	22.10		
20	16QAM	1	0	22.09	22.11	22.01	23.5	1
20	16QAM	1	49	21.98	22.07	21.97		
20	16QAM	1	99	22.02	22.02	21.93		
20	16QAM	50	0	21.09	21.18	21.00	22.5	2
20	16QAM	50	24	20.95	21.08	21.00		
20	16QAM	50	50	21.02	21.05	20.95		
20	16QAM	100	0	21.05	21.12	21.05		
20	64QAM	1	0	21.04	21.16	20.95	22.5	2
20	64QAM	1	49	20.98	21.07	21.00		
20	64QAM	1	99	20.99	21.07	20.96		
20	64QAM	50	0	20.08	20.14	20.01	21.5	3
20	64QAM	50	24	19.98	20.08	20.10		
20	64QAM	50	50	19.96	20.02	19.89		
20	64QAM	100	0	20.09	20.16	20.08		
20	256QAM	1	0	18.10	18.16	18.11	19.5	5
20	256QAM	1	49	17.91	18.09	18.01		
20	256QAM	1	99	17.96	18.06	17.95		
20	256QAM	50	0	18.07	18.13	18.11	19.5	5
20	256QAM	50	24	18.11	18.05	18.07		
20	256QAM	50	50	18.02	18.05	17.94		
20	256QAM	100	0	18.01	18.00	17.97		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.95	23.06	22.99	24.5	0
15	QPSK	1	37	22.86	23.03	22.98		
15	QPSK	1	74	22.88	22.95	22.89		
15	QPSK	36	0	21.97	22.02	21.96	23.5	1
15	QPSK	36	20	21.86	21.99	22.00		
15	QPSK	36	39	21.92	21.92	21.88		
15	QPSK	75	0	21.99	22.01	21.97		
15	16QAM	1	0	21.97	22.07	21.97	23.5	1
15	16QAM	1	37	21.87	21.98	21.89		
15	16QAM	1	74	21.94	21.96	21.81		
15	16QAM	36	0	21.02	21.13	20.93	22.5	2
15	16QAM	36	20	20.83	21.00	20.97		
15	16QAM	36	39	20.96	20.92	20.91		
15	16QAM	75	0	20.95	21.01	20.98		
15	64QAM	1	0	20.91	21.11	20.86	22.5	2
15	64QAM	1	37	20.90	20.99	20.96		
15	64QAM	1	74	20.95	20.94	20.94		
15	64QAM	36	0	20.03	20.08	19.94	21.5	3
15	64QAM	36	20	19.90	20.03	20.02		
15	64QAM	36	39	19.83	19.93	19.82		
15	64QAM	75	0	20.07	20.06	20.03		
15	256QAM	1	0	17.99	18.06	18.06	19.5	5
15	256QAM	1	37	17.80	17.95	17.87		
15	256QAM	1	74	17.92	17.98	17.93		
15	256QAM	36	0	18.04	18.04	18.05	19.5	5
15	256QAM	36	20	18.04	17.95	17.99		
15	256QAM	36	39	17.97	17.93	17.91		
15	256QAM	75	0	17.89	17.89	17.93		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.02	23.03	22.97	24.5	0
10	QPSK	1	25	22.96	23.06	22.94		
10	QPSK	1	49	22.88	23.04	22.84		
10	QPSK	25	0	21.91	22.06	22.02	23.5	1
10	QPSK	25	12	21.86	22.08	22.01		
10	QPSK	25	25	21.91	21.97	21.82		
10	QPSK	50	0	22.06	22.09	22.04		
10	16QAM	1	0	22.00	21.99	21.94	23.5	1
10	16QAM	1	25	21.90	21.96	21.92		
10	16QAM	1	49	21.89	21.96	21.79		
10	16QAM	25	0	20.98	21.07	20.93	22.5	2
10	16QAM	25	12	20.90	21.01	20.91		
10	16QAM	25	25	20.93	20.97	20.96		
10	16QAM	50	0	20.98	21.08	20.93		
10	64QAM	1	0	20.94	21.13	20.83	22.5	2
10	64QAM	1	25	20.84	20.94	20.86		
10	64QAM	1	49	20.95	21.05	20.85		
10	64QAM	25	0	20.02	20.11	19.89	21.5	3
10	64QAM	25	12	19.87	20.02	19.98		
10	64QAM	25	25	19.84	19.91	19.76		
10	64QAM	50	0	20.00	20.13	19.99		
10	256QAM	1	0	18.04	18.10	18.07	19.5	5
10	256QAM	1	25	17.85	18.04	17.90		
10	256QAM	1	49	17.92	17.98	17.83		
10	256QAM	25	0	17.96	18.10	18.05	19.5	5
10	256QAM	25	12	18.04	17.95	17.94		
10	256QAM	25	25	17.94	17.94	17.80		
10	256QAM	50	0	17.89	17.95	17.88		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.01	23.00	22.95	24.5	0
5	QPSK	1	12	22.86	23.01	22.99		
5	QPSK	1	24	22.93	22.94	22.87		
5	QPSK	12	0	21.95	22.06	21.97	23.5	1
5	QPSK	12	7	21.84	21.99	21.99		
5	QPSK	12	13	21.90	21.88	21.85		
5	QPSK	25	0	22.03	22.09	22.01		
5	16QAM	1	0	21.97	22.01	21.97	23.5	1
5	16QAM	1	12	21.92	21.96	21.91		
5	16QAM	1	24	21.90	21.98	21.90		
5	16QAM	12	0	21.01	21.15	20.91	22.5	2
5	16QAM	12	7	20.90	20.95	20.89		
5	16QAM	12	13	20.97	20.92	20.86		
5	16QAM	25	0	21.02	21.02	20.99		
5	64QAM	1	0	20.98	21.07	20.81	22.5	2
5	64QAM	1	12	20.90	20.95	20.88		
5	64QAM	1	24	20.97	21.03	20.94		
5	64QAM	12	0	20.03	20.02	19.95	21.5	3
5	64QAM	12	7	19.94	20.04	20.01		
5	64QAM	12	13	19.91	19.88	19.79		
5	64QAM	25	0	20.03	20.03	20.00		
5	256QAM	1	0	18.00	18.12	18.09	19.5	5
5	256QAM	1	12	17.83	18.03	17.89		
5	256QAM	1	24	17.86	18.01	17.85		
5	256QAM	12	0	17.94	18.01	18.05	19.5	5
5	256QAM	12	7	18.03	17.95	18.04		
5	256QAM	12	13	17.98	17.97	17.81		
5	256QAM	25	0	17.98	17.94	17.92		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.01	22.98	23.00	24.5	0
3	QPSK	1	8	22.93	23.02	22.89		
3	QPSK	1	14	22.89	22.95	22.92		
3	QPSK	8	0	21.97	22.05	21.99	23.5	1
3	QPSK	8	4	21.90	22.05	21.95		
3	QPSK	8	7	21.92	21.90	21.78		
3	QPSK	15	0	22.02	21.99	22.03		
3	16QAM	1	0	22.04	22.04	21.95	23.5	1
3	16QAM	1	8	21.91	21.94	21.85		
3	16QAM	1	14	21.96	21.90	21.88		
3	16QAM	8	0	21.01	21.12	20.89	22.5	2
3	16QAM	8	4	20.87	21.05	20.97		
3	16QAM	8	7	20.98	21.00	20.87		
3	16QAM	15	0	20.99	21.04	20.96		
3	64QAM	1	0	20.93	21.09	20.85	22.5	2
3	64QAM	1	8	20.96	20.93	20.86		
3	64QAM	1	14	20.96	20.93	20.87		
3	64QAM	8	0	20.05	20.07	19.97	21.5	3
3	64QAM	8	4	19.95	20.06	19.98		
3	64QAM	8	7	19.90	19.92	19.78		
3	64QAM	15	0	19.99	20.07	20.02		
3	256QAM	1	0	18.01	18.11	18.07	19.5	5
3	256QAM	1	8	17.88	17.98	17.98		
3	256QAM	1	14	17.92	17.94	17.93		
3	256QAM	8	0	18.03	18.08	18.05	19.5	5
3	256QAM	8	4	18.08	17.95	18.03		
3	256QAM	8	7	17.95	17.99	17.83		
3	256QAM	15	0	17.88	17.94	17.89		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.99	23.10	22.98	24.5	0
1.4	QPSK	1	3	22.90	23.00	22.93		
1.4	QPSK	1	5	22.93	23.05	22.92		
1.4	QPSK	3	0	22.91	23.06	22.89		
1.4	QPSK	3	1	22.78	22.89	22.84		
1.4	QPSK	3	3	22.80	22.94	22.83		
1.4	QPSK	6	0	22.00	21.99	22.03	23.5	1
1.4	16QAM	1	0	21.96	22.05	21.94	23.5	1
1.4	16QAM	1	3	21.95	21.99	21.89		
1.4	16QAM	1	5	21.88	21.98	21.90		
1.4	16QAM	3	0	21.97	21.94	21.99		
1.4	16QAM	3	1	21.87	22.00	21.87		
1.4	16QAM	3	3	21.87	21.91	21.85		
1.4	16QAM	6	0	20.97	21.02	20.98	22.5	2
1.4	64QAM	1	0	21.01	21.13	20.87	22.5	2
1.4	64QAM	1	3	20.94	20.96	20.89		
1.4	64QAM	1	5	20.91	21.01	20.91		
1.4	64QAM	3	0	20.89	20.97	20.91		
1.4	64QAM	3	1	20.90	21.00	20.76		
1.4	64QAM	3	3	20.92	20.84	20.87		
1.4	64QAM	6	0	20.01	20.08	19.98	21.5	3
1.4	256QAM	1	0	18.04	18.08	18.04	19.5	5
1.4	256QAM	1	3	17.80	18.00	17.90		
1.4	256QAM	1	5	17.92	18.03	17.86		
1.4	256QAM	3	0	17.93	18.02	18.06		
1.4	256QAM	3	1	18.07	17.94	17.98		
1.4	256QAM	3	3	17.99	17.98	17.86		
1.4	256QAM	6	0	17.97	17.96	17.95	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	22.22	22.27	22.21	23.5	0
20	QPSK	1	49	22.08	22.24	22.18		
20	QPSK	1	99	22.18	22.21	22.09		
20	QPSK	50	0	21.21	21.30	21.22	22.5	1
20	QPSK	50	24	21.04	21.20	21.14		
20	QPSK	50	50	21.14	21.25	21.05		
20	QPSK	100	0	21.25	21.26	21.19		
20	16QAM	1	0	21.19	21.25	21.21	22.5	1
20	16QAM	1	49	21.02	21.20	21.14		
20	16QAM	1	99	21.20	21.24	21.12		
20	16QAM	50	0	20.25	20.34	20.21	21.5	2
20	16QAM	50	24	20.05	20.19	20.09		
20	16QAM	50	50	20.14	20.24	20.08		
20	16QAM	100	0	20.23	20.22	20.22		
20	64QAM	1	0	20.17	20.27	20.22	21.5	2
20	64QAM	1	49	20.01	20.21	20.18		
20	64QAM	1	99	20.19	20.18	20.10		
20	64QAM	50	0	19.19	19.33	19.21	20.5	3
20	64QAM	50	24	19.07	19.24	19.18		
20	64QAM	50	50	19.12	19.23	19.03		
20	64QAM	100	0	19.20	19.29	19.17		
20	256QAM	1	0	17.26	17.34	17.26	18.5	5
20	256QAM	1	49	17.00	17.19	17.18		
20	256QAM	1	99	17.10	17.29	17.05		
20	256QAM	50	0	17.29	17.30	17.21	18.5	5
20	256QAM	50	24	17.20	17.26	17.21		
20	256QAM	50	50	17.01	17.23	17.11		
20	256QAM	100	0	17.14	17.29	17.18		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.12	22.19	22.10	23.5	0
15	QPSK	1	37	22.04	22.20	22.05		
15	QPSK	1	74	22.15	22.12	22.02		
15	QPSK	36	0	21.12	21.23	21.08	22.5	1
15	QPSK	36	20	20.91	21.12	21.03		
15	QPSK	36	39	21.07	21.18	20.96		
15	QPSK	75	0	21.17	21.17	21.12		
15	16QAM	1	0	21.16	21.16	21.17	22.5	1
15	16QAM	1	37	20.88	21.10	21.04		
15	16QAM	1	74	21.17	21.10	20.99		
15	16QAM	36	0	20.21	20.23	20.12	21.5	2
15	16QAM	36	20	20.00	20.07	19.96		
15	16QAM	36	39	20.06	20.18	19.98		
15	16QAM	75	0	20.18	20.18	20.10		
15	64QAM	1	0	20.13	20.20	20.09	21.5	2
15	64QAM	1	37	19.89	20.18	20.11		
15	64QAM	1	74	20.16	20.10	19.99		
15	64QAM	36	0	19.17	19.30	19.13	20.5	3
15	64QAM	36	20	19.00	19.18	19.11		
15	64QAM	36	39	19.05	19.19	18.98		
15	64QAM	75	0	19.12	19.25	19.09		
15	256QAM	1	0	17.22	17.30	17.24	18.5	5
15	256QAM	1	37	16.96	17.12	17.05		
15	256QAM	1	74	17.05	17.16	16.98		
15	256QAM	36	0	17.17	17.20	17.17	18.5	5
15	256QAM	36	20	17.09	17.16	17.17		
15	256QAM	36	39	16.90	17.16	17.09		
15	256QAM	75	0	17.07	17.21	17.15		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.08	22.16	22.13	23.5	0
10	QPSK	1	25	21.94	22.16	22.15		
10	QPSK	1	49	22.13	22.15	22.03		
10	QPSK	25	0	21.10	21.25	21.10	22.5	1
10	QPSK	25	12	20.92	21.08	21.08		
10	QPSK	25	25	21.01	21.21	20.96		
10	QPSK	50	0	21.22	21.19	21.10		
10	16QAM	1	0	21.13	21.15	21.13	22.5	1
10	16QAM	1	25	20.93	21.12	21.08		
10	16QAM	1	49	21.15	21.21	21.09		
10	16QAM	25	0	20.22	20.28	20.09	21.5	2
10	16QAM	25	12	20.02	20.11	20.00		
10	16QAM	25	25	20.10	20.17	20.02		
10	16QAM	50	0	20.13	20.11	20.12		
10	64QAM	1	0	20.04	20.18	20.16	21.5	2
10	64QAM	1	25	19.87	20.13	20.16		
10	64QAM	1	49	20.05	20.13	19.99		
10	64QAM	25	0	19.12	19.29	19.14	20.5	3
10	64QAM	25	12	19.05	19.16	19.16		
10	64QAM	25	25	19.00	19.10	18.94		
10	64QAM	50	0	19.07	19.18	19.08		
10	256QAM	1	0	17.21	17.26	17.14	18.5	5
10	256QAM	1	25	16.91	17.06	17.08		
10	256QAM	1	49	17.07	17.23	16.98		
10	256QAM	25	0	17.16	17.18	17.19	18.5	5
10	256QAM	25	12	17.09	17.17	17.15		
10	256QAM	25	25	16.95	17.11	17.00		
10	256QAM	50	0	17.11	17.18	17.11		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.13	22.15	22.07	23.5	0
5	QPSK	1	12	21.99	22.19	22.08		
5	QPSK	1	24	22.06	22.08	22.06		
5	QPSK	12	0	21.16	21.20	21.09	22.5	1
5	QPSK	12	7	20.97	21.10	21.07		
5	QPSK	12	13	21.04	21.19	20.92		
5	QPSK	25	0	21.18	21.23	21.08		
5	16QAM	1	0	21.15	21.14	21.13	22.5	1
5	16QAM	1	12	20.93	21.09	21.03		
5	16QAM	1	24	21.14	21.21	21.06		
5	16QAM	12	0	20.22	20.23	20.13	21.5	2
5	16QAM	12	7	19.95	20.14	20.03		
5	16QAM	12	13	20.02	20.21	19.99		
5	16QAM	25	0	20.10	20.17	20.16		
5	64QAM	1	0	20.05	20.20	20.10	21.5	2
5	64QAM	1	12	19.88	20.16	20.13		
5	64QAM	1	24	20.16	20.06	20.04		
5	64QAM	12	0	19.13	19.24	19.08	20.5	3
5	64QAM	12	7	19.02	19.21	19.10		
5	64QAM	12	13	19.03	19.20	18.92		
5	64QAM	25	0	19.07	19.20	19.13		
5	256QAM	1	0	17.17	17.29	17.19	18.5	5
5	256QAM	1	12	16.94	17.11	17.12		
5	256QAM	1	24	17.05	17.18	16.93		
5	256QAM	12	0	17.23	17.23	17.16	18.5	5
5	256QAM	12	7	17.16	17.20	17.10		
5	256QAM	12	13	16.89	17.11	17.02		
5	256QAM	25	0	17.04	17.25	17.14		

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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	22.02	22.07	22.32	22.10	21.95	23.5	0
20	QPSK	1	49	21.91	22.03	22.08	22.08	21.84		
20	QPSK	1	99	21.90	21.98	22.06	22.02	21.91		
20	QPSK	50	0	21.03	21.07	21.33	21.09	20.99	22.5	1
20	QPSK	50	24	20.88	21.05	21.11	21.09	20.81		
20	QPSK	50	50	20.93	20.95	21.08	20.98	20.88		
20	QPSK	100	0	20.97	21.07	21.29	21.05	20.93		
20	16QAM	1	0	21.05	21.06	21.06	21.05	20.94	22.5	1
20	16QAM	1	49	20.85	21.07	21.03	21.05	20.83		
20	16QAM	1	99	20.93	20.93	21.09	21.08	20.94		
20	16QAM	50	0	20.08	20.05	20.21	20.14	20.04	21.5	2
20	16QAM	50	24	19.83	20.09	20.13	20.06	19.86		
20	16QAM	50	50	19.89	19.96	20.03	20.02	19.88		
20	16QAM	100	0	19.97	20.11	20.12	20.06	19.96		
20	64QAM	1	0	20.06	20.06	20.09	20.08	19.95	21.5	2
20	64QAM	1	49	19.80	20.11	20.01	20.00	19.87		
20	64QAM	1	99	19.93	19.94	20.04	20.14	19.93		
20	64QAM	50	0	19.02	19.05	19.18	19.12	18.96	20.5	3
20	64QAM	50	24	18.94	19.07	19.14	19.04	18.84		
20	64QAM	50	50	18.97	18.94	19.13	19.02	18.86		
20	64QAM	100	0	19.03	19.05	19.16	19.03	18.97		
20	256QAM	1	0	17.02	17.07	17.23	17.07	16.99	18.5	5
20	256QAM	1	49	16.89	17.01	17.13	17.15	16.80		
20	256QAM	1	99	16.91	16.99	17.12	16.94	16.82		
20	256QAM	50	0	16.94	17.09	17.06	17.06	16.98	18.5	5
20	256QAM	50	24	17.09	17.09	17.10	17.08	16.96		
20	256QAM	50	50	16.82	17.12	17.02	16.99	16.85		
20	256QAM	100	0	16.97	16.95	17.08	17.07	16.98		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.95	21.95	22.08	21.98	21.83	23.50	0
15	QPSK	1	37	21.84	22.00	22.05	22.01	21.73		
15	QPSK	1	74	21.78	21.91	21.98	21.95	21.82		
15	QPSK	36	0	20.97	20.98	21.08	21.00	20.93	22.5	1
15	QPSK	36	20	20.81	21.00	21.02	21.06	20.74		
15	QPSK	36	39	20.90	20.88	20.96	20.86	20.78		
15	QPSK	75	0	20.88	20.96	21.01	20.94	20.81		
15	16QAM	1	0	21.03	21.03	20.95	21.00	20.88	22.5	1
15	16QAM	1	37	20.82	20.98	20.90	20.98	20.73		
15	16QAM	1	74	20.82	20.83	21.02	20.99	20.83		
15	16QAM	36	0	19.95	19.98	20.14	20.05	20.01	21.5	2
15	16QAM	36	20	19.70	20.04	20.01	19.97	19.75		
15	16QAM	36	39	19.87	19.86	19.94	19.93	19.76		
15	16QAM	75	0	19.86	20.06	20.07	20.04	19.88		
15	64QAM	1	0	19.92	19.94	19.99	19.96	19.86	21.5	2
15	64QAM	1	37	19.78	20.04	19.92	19.89	19.83		
15	64QAM	1	74	19.82	19.84	20.01	20.10	19.87		
15	64QAM	36	0	18.99	18.94	19.13	19.06	18.93	20.5	3
15	64QAM	36	20	18.81	19.00	19.01	18.92	18.79		
15	64QAM	36	39	18.93	18.90	19.04	18.91	18.78		
15	64QAM	75	0	18.93	18.92	19.09	19.01	18.84		
15	256QAM	1	0	17.00	16.97	17.10	17.02	16.94	18.5	5
15	256QAM	1	37	16.85	16.87	17.04	17.08	16.76		
15	256QAM	1	74	16.83	16.95	17.08	16.83	16.76		
15	256QAM	36	0	16.91	17.03	17.02	17.00	16.93	18.5	5
15	256QAM	36	20	16.98	17.05	17.02	16.97	16.88		
15	256QAM	36	39	16.76	17.06	16.97	16.96	16.72		
15	256QAM	75	0	16.94	16.91	16.99	16.99	16.93		
Channel				39700	40150	40600	41050	41500	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.88	22.01	22.06	21.98	21.89	23.50	0
10	QPSK	1	25	21.86	21.96	21.99	21.99	21.81		
10	QPSK	1	49	21.83	21.88	21.97	21.89	21.85		
10	QPSK	25	0	20.90	21.03	21.05	21.01	20.95	22.5	1
10	QPSK	25	12	20.76	21.01	21.05	20.96	20.77		
10	QPSK	25	25	20.80	20.82	20.98	20.87	20.74		
10	QPSK	50	0	20.85	21.01	21.08	20.97	20.85		
10	16QAM	1	0	20.93	20.98	21.00	20.94	20.85	22.5	1
10	16QAM	1	25	20.73	21.03	20.92	20.94	20.72		
10	16QAM	1	49	20.83	20.87	21.02	21.04	20.88		
10	16QAM	25	0	20.00	19.94	20.12	20.08	19.92	21.5	2
10	16QAM	25	12	19.81	19.96	20.10	19.92	19.78		
10	16QAM	25	25	19.86	19.85	19.93	19.96	19.78		
10	16QAM	50	0	19.86	20.06	20.00	20.03	19.89	21.5	2
10	64QAM	1	0	20.04	19.99	20.01	20.02	19.90		
10	64QAM	1	25	19.73	20.07	19.94	19.92	19.83		
10	64QAM	1	49	19.83	19.89	19.98	20.08	19.80		
10	64QAM	25	0	18.92	18.92	19.09	19.05	18.89	20.5	3
10	64QAM	25	12	18.82	19.02	19.06	18.98	18.72		
10	64QAM	25	25	18.85	18.85	19.09	18.96	18.81		
10	64QAM	50	0	18.92	19.02	19.06	18.95	18.94		
10	256QAM	1	0	16.88	16.98	17.19	17.00	16.95	18.5	5
10	256QAM	1	25	16.75	16.96	17.08	17.04	16.77		
10	256QAM	1	49	16.81	16.89	17.08	16.91	16.79		
10	256QAM	25	0	16.85	16.96	16.98	16.94	16.86	18.5	5
10	256QAM	25	12	17.00	17.00	17.00	16.99	16.87		
10	256QAM	25	25	16.79	17.09	16.98	16.96	16.72		
10	256QAM	50	0	16.84	16.91	17.06	16.94	16.92		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.91	22.05	22.03	21.99	21.87	23.50	0
5	QPSK	1	12	21.81	21.96	21.95	22.05	21.75		
5	QPSK	1	24	21.85	21.85	22.02	21.89	21.87		
5	QPSK	12	0	20.91	21.05	21.04	20.98	20.89	22.5	1
5	QPSK	12	7	20.83	21.00	21.08	20.98	20.74		
5	QPSK	12	13	20.87	20.83	20.98	20.95	20.78		
5	QPSK	25	0	20.94	20.99	20.97	20.95	20.86		
5	16QAM	1	0	20.96	20.94	20.93	20.96	20.83	22.5	1
5	16QAM	1	12	20.79	20.95	20.97	20.96	20.71		
5	16QAM	1	24	20.81	20.83	20.96	20.97	20.87		
5	16QAM	12	0	19.95	19.98	20.14	20.10	19.95	21.5	2
5	16QAM	12	7	19.70	20.01	20.08	20.01	19.81		
5	16QAM	12	13	19.85	19.82	19.90	19.91	19.79		
5	16QAM	25	0	19.84	20.03	20.10	20.00	19.91	21.5	2
5	64QAM	1	0	20.02	19.94	19.99	20.04	19.91		
5	64QAM	1	12	19.73	20.03	19.93	19.93	19.84		
5	64QAM	1	24	19.82	19.83	19.92	20.04	19.88		
5	64QAM	12	0	18.94	18.94	19.13	19.05	18.91	20.5	3
5	64QAM	12	7	18.80	19.05	19.07	18.94	18.81		
5	64QAM	12	13	18.91	18.88	19.01	18.97	18.79		
5	64QAM	25	0	18.98	19.00	19.11	18.99	18.91		
5	256QAM	1	0	16.89	17.04	17.17	16.98	16.91	18.5	5
5	256QAM	1	12	16.78	16.89	17.09	17.03	16.73		
5	256QAM	1	24	16.81	16.88	17.07	16.90	16.78		
5	256QAM	12	0	16.86	17.03	17.02	17.02	16.85	18.5	5
5	256QAM	12	7	17.00	16.97	16.97	17.02	16.83		
5	256QAM	12	13	16.77	17.01	16.96	16.88	16.73		
5	256QAM	25	0	16.94	16.87	16.99	17.05	16.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	25.06	25.12	25.10	25.7	0
20	QPSK	1	49	24.94	25.09	24.99		
20	QPSK	1	99	24.99	25.08	25.03		
20	QPSK	50	0	24.07	24.16	24.05	24.7	1
20	QPSK	50	24	23.96	24.11	23.94		
20	QPSK	50	50	23.99	24.11	24.00		
20	QPSK	100	0	24.06	24.12	24.05		
20	16QAM	1	0	24.12	24.11	24.09	24.7	1
20	16QAM	1	49	23.98	24.09	23.97		
20	16QAM	1	99	23.93	24.04	24.03		
20	16QAM	50	0	23.13	23.16	23.06	23.7	2
20	16QAM	50	24	22.99	23.11	22.90		
20	16QAM	50	50	23.00	23.07	23.05		
20	16QAM	100	0	23.09	23.07	23.09		
20	64QAM	1	0	23.10	23.12	23.12	23.7	2
20	64QAM	1	49	22.92	23.08	23.02		
20	64QAM	1	99	22.93	23.05	23.02		
20	64QAM	50	0	22.11	22.12	22.07	22.7	3
20	64QAM	50	24	22.00	22.13	21.95		
20	64QAM	50	50	21.95	22.12	22.04		
20	64QAM	100	0	22.04	22.15	22.07		
20	256QAM	1	0	20.13	20.16	20.06	20.7	5
20	256QAM	1	49	19.91	20.17	19.96		
20	256QAM	1	99	19.94	20.12	20.00		
20	256QAM	50	0	20.02	20.07	20.09	20.7	5
20	256QAM	50	24	20.06	20.06	20.08		
20	256QAM	50	50	20.00	20.13	19.94		
20	256QAM	100	0	19.96	19.98	20.04		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	25.01	25.10	25.03	25.7	0
15	QPSK	1	37	24.83	25.01	24.96		
15	QPSK	1	74	24.96	24.97	24.95		
15	QPSK	36	0	23.94	24.06	23.93	24.7	1
15	QPSK	36	20	23.88	23.98	23.92		
15	QPSK	36	39	23.86	24.00	23.95		
15	QPSK	75	0	23.93	24.09	24.01		
15	16QAM	1	0	24.10	24.07	24.07	24.7	1
15	16QAM	1	37	23.94	23.97	23.89		
15	16QAM	1	74	23.86	23.92	23.97		
15	16QAM	36	0	23.01	23.08	22.96	23.7	2
15	16QAM	36	20	22.87	23.01	22.87		
15	16QAM	36	39	22.92	23.00	22.97		
15	16QAM	75	0	23.06	23.03	22.96		
15	64QAM	1	0	23.05	23.05	23.08	23.7	2
15	64QAM	1	37	22.80	23.02	23.00		
15	64QAM	1	74	22.88	22.96	22.93		
15	64QAM	36	0	22.05	22.07	22.02	22.7	3
15	64QAM	36	20	21.88	22.00	21.85		
15	64QAM	36	39	21.84	22.06	21.96		
15	64QAM	75	0	22.01	22.03	22.04		
15	256QAM	1	0	20.01	20.03	19.96	20.7	5
15	256QAM	1	37	19.80	20.13	19.93		
15	256QAM	1	74	19.82	20.07	19.97		
15	256QAM	36	0	19.93	20.03	20.06	20.7	5
15	256QAM	36	20	19.96	19.94	19.99		
15	256QAM	36	39	19.93	20.06	19.82		
15	256QAM	75	0	19.87	19.92	20.01		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.97	25.02	24.99	25.7	0
10	QPSK	1	25	24.82	25.06	24.93		
10	QPSK	1	49	24.88	24.94	24.93		
10	QPSK	25	0	23.97	24.04	23.95	24.7	1
10	QPSK	25	12	23.93	24.08	23.87		
10	QPSK	25	25	23.85	24.02	23.92		
10	QPSK	50	0	23.98	24.06	23.91		
10	16QAM	1	0	24.00	24.03	23.99	24.7	1
10	16QAM	1	25	23.86	23.96	23.94		
10	16QAM	1	49	23.86	24.00	23.97		
10	16QAM	25	0	23.05	23.07	23.01	23.7	2
10	16QAM	25	12	22.86	23.07	22.87		
10	16QAM	25	25	22.87	22.96	23.01		
10	16QAM	50	0	22.99	22.94	23.02		
10	64QAM	1	0	23.05	23.00	23.03	23.7	2
10	64QAM	1	25	22.79	23.02	22.96		
10	64QAM	1	49	22.89	22.94	22.89		
10	64QAM	25	0	22.09	22.04	21.97	22.7	3
10	64QAM	25	12	21.88	22.02	21.92		
10	64QAM	25	25	21.83	22.05	21.93		
10	64QAM	50	0	21.93	22.09	21.99		
10	256QAM	1	0	20.10	20.11	19.98	20.7	5
10	256QAM	1	25	19.88	20.04	19.85		
10	256QAM	1	49	19.84	20.07	19.88		
10	256QAM	25	0	19.96	20.05	19.97	20.7	5
10	256QAM	25	12	19.92	20.02	19.94		
10	256QAM	25	25	19.91	20.08	19.81		
10	256QAM	50	0	19.83	19.92	19.92		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.98	25.07	25.00	25.7	0
5	QPSK	1	12	24.91	25.01	24.97		
5	QPSK	1	24	24.91	25.02	24.93		
5	QPSK	12	0	23.98	24.02	24.00	24.7	1
5	QPSK	12	7	23.87	24.05	23.80		
5	QPSK	12	13	23.88	24.04	23.93		
5	QPSK	25	0	24.01	24.02	24.02		
5	16QAM	1	0	24.00	24.06	24.06	24.7	1
5	16QAM	1	12	23.85	24.01	23.87		
5	16QAM	1	24	23.86	23.93	24.00		
5	16QAM	12	0	23.10	23.10	23.03	23.7	2
5	16QAM	12	7	22.97	23.05	22.79		
5	16QAM	12	13	22.97	22.98	22.94		
5	16QAM	25	0	23.06	23.02	23.06		
5	64QAM	1	0	23.02	22.98	23.02	23.7	2
5	64QAM	1	12	22.85	23.03	22.99		
5	64QAM	1	24	22.90	22.94	22.97		
5	64QAM	12	0	21.99	21.99	21.98	22.7	3
5	64QAM	12	7	21.93	22.01	21.91		
5	64QAM	12	13	21.91	21.98	21.95		
5	64QAM	25	0	21.93	22.06	21.99		
5	256QAM	1	0	20.04	20.09	19.99	20.7	5
5	256QAM	1	12	19.85	20.08	19.85		
5	256QAM	1	24	19.83	20.06	19.92		
5	256QAM	12	0	19.96	19.99	19.99	20.7	5
5	256QAM	12	7	20.03	20.02	20.06		
5	256QAM	12	13	19.88	20.01	19.81		
5	256QAM	25	0	19.86	19.86	19.95		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	25.13	25.17	25.15	25.08	25.7	0
20	QPSK	1	49	25.02	25.14	25.08	24.96		
20	QPSK	1	99	25.08	25.12	25.11	24.99		
20	QPSK	50	0	24.11	24.18	24.16	24.02	24.7	1
20	QPSK	50	24	24.05	24.17	24.09	24.01		
20	QPSK	50	50	24.12	24.09	24.07	24.04		
20	QPSK	100	0	24.07	24.16	24.12	24.11		
20	16QAM	1	0	24.16	24.16	24.15	24.05	24.7	1
20	16QAM	1	49	24.02	24.09	24.03	24.01		
20	16QAM	1	99	24.12	24.07	24.08	24.01		
20	16QAM	50	0	23.16	23.16	23.22	23.01	23.7	2
20	16QAM	50	24	23.04	23.12	23.09	22.97		
20	16QAM	50	50	23.08	23.11	23.05	23.00		
20	16QAM	100	0	23.06	23.19	23.07	23.13		
20	64QAM	1	0	23.13	23.11	23.10	23.03	23.7	2
20	64QAM	1	49	22.98	23.14	22.99	23.03		
20	64QAM	1	99	23.10	23.08	23.13	22.98		
20	64QAM	50	0	22.13	22.18	22.12	22.04	22.7	3
20	64QAM	50	24	22.02	22.16	22.10	21.96		
20	64QAM	50	50	22.11	22.12	22.12	22.06		
20	64QAM	100	0	22.04	22.12	22.06	22.16		
20	256QAM	1	0	20.06	20.18	20.22	20.06	20.7	5
20	256QAM	1	49	20.03	20.14	20.10	20.05		
20	256QAM	1	99	20.12	20.13	20.11	20.00		
20	256QAM	50	0	20.10	20.20	20.07	20.10	20.7	5
20	256QAM	50	24	20.16	20.21	20.10	20.10		
20	256QAM	50	50	20.07	20.07	20.06	20.06		
20	256QAM	100	0	20.17	20.05	20.08	19.99		
Channel				55315	55820	56180	56865	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	25.05	25.12	25.03	24.94	25.7	0
15	QPSK	1	37	24.93	25.12	25.03	24.92		
15	QPSK	1	74	25.02	24.99	25.06	24.88		
15	QPSK	36	0	23.98	24.15	24.12	23.94	24.7	1
15	QPSK	36	20	23.91	24.08	24.04	23.99		
15	QPSK	36	39	24.00	23.97	23.94	23.98		
15	QPSK	75	0	24.04	24.07	24.07	24.07		
15	16QAM	1	0	24.02	24.02	24.07	23.95	24.7	1
15	16QAM	1	37	23.89	23.96	23.92	23.96		
15	16QAM	1	74	24.09	23.99	24.01	23.89		
15	16QAM	36	0	23.05	23.05	23.12	22.98	23.7	2
15	16QAM	36	20	22.91	23.05	22.95	22.90		
15	16QAM	36	39	23.04	22.97	23.03	22.88		
15	16QAM	75	0	23.02	23.09	22.97	22.99		
15	64QAM	1	0	23.05	22.97	23.03	23.00	23.7	2
15	64QAM	1	37	22.94	23.01	22.86	22.94		
15	64QAM	1	74	23.04	23.02	23.08	22.94		
15	64QAM	36	0	21.99	22.15	22.03	21.92	22.7	3
15	64QAM	36	20	21.98	22.02	22.00	21.91		
15	64QAM	36	39	22.05	22.05	22.07	22.01		
15	64QAM	75	0	21.93	22.02	21.98	22.13		
15	256QAM	1	0	19.95	20.13	20.20	20.01	20.7	5
15	256QAM	1	37	19.92	20.08	20.00	20.01		
15	256QAM	1	74	20.09	20.02	20.08	19.88		
15	256QAM	36	0	19.98	20.09	20.00	20.02	20.7	5
15	256QAM	36	20	20.03	20.12	20.01	20.08		
15	256QAM	36	39	20.00	19.98	19.93	19.98		
15	256QAM	75	0	20.12	20.03	20.06	19.91		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	25.03	25.07	25.02	25.04	25.7	0
10	QPSK	1	25	24.95	25.01	24.96	24.89		
10	QPSK	1	49	25.06	25.04	25.07	24.90		
10	QPSK	25	0	24.03	24.10	24.07	23.90	24.7	1
10	QPSK	25	12	23.97	24.11	24.02	23.92		
10	QPSK	25	25	24.04	24.03	23.93	23.90		
10	QPSK	50	0	23.95	24.09	24.02	24.09		
10	16QAM	1	0	24.08	24.06	24.04	23.96	24.7	1
10	16QAM	1	25	23.89	24.05	23.94	23.96		
10	16QAM	1	49	24.05	24.01	24.00	23.97		
10	16QAM	25	0	23.13	23.07	23.16	22.88	23.7	2
10	16QAM	25	12	23.01	23.00	22.95	22.90		
10	16QAM	25	25	23.06	23.04	22.97	22.98		
10	16QAM	50	0	22.99	23.09	23.03	23.04		
10	64QAM	1	0	23.02	23.08	23.04	22.93	23.7	2
10	64QAM	1	25	22.94	23.05	22.86	22.98		
10	64QAM	1	49	23.08	23.04	23.03	22.89		
10	64QAM	25	0	22.08	22.10	22.04	22.01	22.7	3
10	64QAM	25	12	21.96	22.14	21.98	21.93		
10	64QAM	25	25	21.98	22.06	22.09	21.96		
10	64QAM	50	0	22.01	22.05	22.02	22.13		
10	256QAM	1	0	20.02	20.08	20.19	20.00	20.7	5
10	256QAM	1	25	19.93	20.12	19.97	20.00		
10	256QAM	1	49	20.06	20.09	20.05	19.94		
10	256QAM	25	0	19.99	20.14	19.98	20.06	20.7	5
10	256QAM	25	12	20.11	20.16	20.01	20.07		
10	256QAM	25	25	20.05	19.97	19.98	19.98		
10	256QAM	50	0	20.04	19.97	20.01	19.91		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	25.09	25.05	25.13	24.97	25.7	0
5	QPSK	1	12	24.90	25.09	25.05	24.92		
5	QPSK	1	24	24.99	25.04	25.08	24.95		
5	QPSK	12	0	23.98	24.08	24.08	23.93	24.7	1
5	QPSK	12	7	23.92	24.04	23.96	23.94		
5	QPSK	12	13	24.10	24.02	23.95	23.99		
5	QPSK	25	0	23.93	24.08	24.04	23.98		
5	16QAM	1	0	24.06	24.06	24.05	23.93	24.7	1
5	16QAM	1	12	23.98	23.99	23.99	23.87		
5	16QAM	1	24	24.07	23.98	23.99	23.90		
5	16QAM	12	0	23.05	23.07	23.12	22.94	23.7	2
5	16QAM	12	7	22.91	23.05	23.03	22.89		
5	16QAM	12	13	22.97	23.03	23.03	22.87		
5	16QAM	25	0	23.02	23.16	23.02	23.04		
5	64QAM	1	0	23.10	23.04	22.98	22.91	23.7	2
5	64QAM	1	12	22.86	23.08	22.92	22.92		
5	64QAM	1	24	22.96	23.02	23.06	22.87		
5	64QAM	12	0	22.05	22.05	22.04	21.97	22.7	3
5	64QAM	12	7	21.92	22.06	22.04	21.84		
5	64QAM	12	13	22.01	22.01	21.99	22.02		
5	64QAM	25	0	21.99	22.04	22.01	22.11		
5	256QAM	1	0	20.02	20.12	20.19	20.02	20.7	5
5	256QAM	1	12	19.96	20.09	19.96	19.94		
5	256QAM	1	24	20.04	20.08	20.06	19.92		
5	256QAM	12	0	20.02	20.13	20.01	20.00	20.7	5
5	256QAM	12	7	20.08	20.12	20.08	19.99		
5	256QAM	12	13	20.03	20.04	19.95	19.97		
5	256QAM	25	0	20.07	19.97	20.04	19.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.13	24.17	24.10	25.5	0
20	QPSK	1	49	24.04	24.13	24.00		
20	QPSK	1	99	24.03	24.10	24.06		
20	QPSK	50	0	23.10	23.15	23.13	24.5	1
20	QPSK	50	24	23.09	23.14	23.00		
20	QPSK	50	50	23.05	23.13	23.07		
20	QPSK	100	0	23.12	23.13	23.07		
20	16QAM	1	0	23.15	23.14	23.13	24.5	1
20	16QAM	1	49	23.08	23.14	23.04		
20	16QAM	1	99	23.04	23.13	23.01		
20	16QAM	50	0	22.08	22.19	22.07	23.5	2
20	16QAM	50	24	22.08	22.17	22.05		
20	16QAM	50	50	22.10	22.15	22.02		
20	16QAM	100	0	22.07	22.14	22.10		
20	64QAM	1	0	22.10	22.17	22.13	23.5	2
20	64QAM	1	49	22.10	22.14	22.04		
20	64QAM	1	99	22.00	22.18	22.03		
20	64QAM	50	0	21.05	21.20	21.12	22.5	3
20	64QAM	50	24	21.04	21.17	20.98		
20	64QAM	50	50	21.06	21.16	21.02		
20	64QAM	100	0	21.16	21.15	21.06		
20	256QAM	1	0	19.14	19.18	19.15	20.5	5
20	256QAM	1	49	19.13	19.15	18.97		
20	256QAM	1	99	19.05	19.12	19.04		
20	256QAM	50	0	19.06	19.09	19.03	20.5	5
20	256QAM	50	24	19.19	19.16	19.15		
20	256QAM	50	50	19.13	19.09	19.02		
20	256QAM	100	0	19.08	19.12	19.00		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.04	24.07	24.08	25.5	0
15	QPSK	1	37	23.91	24.10	23.94		
15	QPSK	1	74	23.94	24.02	23.97		
15	QPSK	36	0	23.07	23.11	23.01	24.5	1
15	QPSK	36	20	23.02	23.02	22.93		
15	QPSK	36	39	22.99	23.10	22.95		
15	QPSK	75	0	23.05	23.01	22.97		
15	16QAM	1	0	23.10	23.10	22.99	24.5	1
15	16QAM	1	37	23.03	23.06	23.00		
15	16QAM	1	74	22.99	23.09	22.88		
15	16QAM	36	0	22.01	22.15	21.95	23.5	2
15	16QAM	36	20	22.04	22.15	21.92		
15	16QAM	36	39	21.99	22.09	21.94		
15	16QAM	75	0	21.95	22.03	21.98		
15	64QAM	1	0	22.04	22.11	21.99	23.5	2
15	64QAM	1	37	22.03	22.04	22.01		
15	64QAM	1	74	21.87	22.06	21.96		
15	64QAM	36	0	20.97	21.09	21.06	22.5	3
15	64QAM	36	20	21.02	21.06	20.91		
15	64QAM	36	39	21.01	21.04	20.93		
15	64QAM	75	0	21.07	21.07	21.00		
15	256QAM	1	0	19.11	19.12	19.02	20.5	5
15	256QAM	1	37	19.00	19.12	18.95		
15	256QAM	1	74	18.99	19.03	18.91		
15	256QAM	36	0	18.99	18.98	18.95	20.5	5
15	256QAM	36	20	19.13	19.08	19.04		
15	256QAM	36	39	19.01	19.00	18.97		
15	256QAM	75	0	19.02	19.05	18.96		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.04	24.04	24.06	25.5	0
10	QPSK	1	25	23.95	24.09	23.96		
10	QPSK	1	49	23.93	23.99	23.95		
10	QPSK	25	0	23.05	23.12	23.04	24.5	1
10	QPSK	25	12	23.03	23.00	22.96		
10	QPSK	25	25	22.91	22.99	22.97		
10	QPSK	50	0	23.06	23.01	22.98		
10	16QAM	1	0	23.02	23.10	23.06	24.5	1
10	16QAM	1	25	22.94	23.02	22.97		
10	16QAM	1	49	22.91	23.02	22.92		
10	16QAM	25	0	22.05	22.10	21.93	23.5	2
10	16QAM	25	12	22.00	22.03	22.02		
10	16QAM	25	25	22.05	22.12	21.89		
10	16QAM	50	0	22.03	22.06	22.05		
10	64QAM	1	0	22.03	22.09	22.03	23.5	2
10	64QAM	1	25	21.98	22.04	21.95		
10	64QAM	1	49	21.87	22.06	21.91		
10	64QAM	25	0	20.94	21.13	21.03	22.5	3
10	64QAM	25	12	20.92	21.09	20.92		
10	64QAM	25	25	21.02	21.05	20.91		
10	64QAM	50	0	21.13	21.07	21.00		
10	256QAM	1	0	19.00	19.08	19.13	20.5	5
10	256QAM	1	25	19.00	19.08	18.91		
10	256QAM	1	49	18.95	19.00	18.96		
10	256QAM	25	0	18.92	19.03	18.91	20.5	5
10	256QAM	25	12	19.12	19.10	19.03		
10	256QAM	25	25	19.06	19.03	18.89		
10	256QAM	50	0	19.01	19.07	18.94		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.04	24.13	24.04	25.5	0
5	QPSK	1	12	23.97	24.03	23.89		
5	QPSK	1	24	23.91	24.00	23.99		
5	QPSK	12	0	23.04	23.07	23.08	24.5	1
5	QPSK	12	7	22.99	23.05	22.97		
5	QPSK	12	13	23.02	23.10	23.04		
5	QPSK	25	0	23.00	23.05	22.99		
5	16QAM	1	0	23.13	23.02	23.01	24.5	1
5	16QAM	1	12	23.05	23.11	22.99		
5	16QAM	1	24	22.91	23.07	22.90		
5	16QAM	12	0	21.96	22.17	22.02	23.5	2
5	16QAM	12	7	21.95	22.11	21.94		
5	16QAM	12	13	22.04	22.05	21.93		
5	16QAM	25	0	22.01	22.00	22.01		
5	64QAM	1	0	22.08	22.14	22.06	23.5	2
5	64QAM	1	12	21.96	22.08	21.97		
5	64QAM	1	24	21.95	22.08	22.00		
5	64QAM	12	0	20.97	21.13	21.01	22.5	3
5	64QAM	12	7	20.98	21.06	20.91		
5	64QAM	12	13	21.00	21.10	20.95		
5	64QAM	25	0	21.14	21.03	20.93		
5	256QAM	1	0	19.10	19.08	19.11	20.5	5
5	256QAM	1	12	19.09	19.08	18.84		
5	256QAM	1	24	18.96	18.98	18.94		
5	256QAM	12	0	18.93	18.95	18.95	20.5	5
5	256QAM	12	7	19.09	19.09	19.02		
5	256QAM	12	13	19.08	18.96	18.93		
5	256QAM	25	0	18.95	19.01	18.92		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	24.08	24.12	24.06	24.05	25.5	0
20	QPSK	1	49	23.97	24.10	23.97	24.03		
20	QPSK	1	99	24.06	24.06	24.02	24.03		
20	QPSK	50	0	23.04	23.14	23.04	23.04	24.5	1
20	QPSK	50	24	22.98	23.12	22.91	23.03		
20	QPSK	50	50	23.08	23.06	23.04	23.01		
20	QPSK	100	0	23.07	23.12	23.01	23.11		
20	16QAM	1	0	23.08	23.11	23.07	23.04	24.5	1
20	16QAM	1	49	23.01	23.09	23.03	23.09		
20	16QAM	1	99	23.07	23.12	23.05	23.03		
20	16QAM	50	0	22.04	22.11	21.98	22.02	23.5	2
20	16QAM	50	24	21.94	22.16	21.93	22.06		
20	16QAM	50	50	22.04	22.02	22.05	22.06		
20	16QAM	100	0	22.04	22.11	21.95	22.13		
20	64QAM	1	0	22.08	22.15	22.10	22.03	23.5	2
20	64QAM	1	49	21.98	22.04	22.06	22.13		
20	64QAM	1	99	22.06	22.13	22.03	22.07		
20	64QAM	50	0	21.09	21.16	21.00	21.10	22.5	3
20	64QAM	50	24	20.93	21.12	20.95	21.09		
20	64QAM	50	50	21.10	21.02	20.99	21.07		
20	64QAM	100	0	21.09	21.17	20.97	21.11		
20	256QAM	1	0	19.04	19.17	19.07	18.99	20.5	5
20	256QAM	1	49	18.99	19.16	18.85	18.98		
20	256QAM	1	99	19.04	19.03	19.00	18.98		
20	256QAM	50	0	19.08	19.11	19.02	19.17	20.5	5
20	256QAM	50	24	19.06	19.10	19.10	19.03		
20	256QAM	50	50	19.00	19.06	19.01	19.12		
20	256QAM	100	0	19.08	19.12	19.10	19.05		
Channel				55315	55820	56160	56865	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.96	24.02	23.97	23.95	25.5	0
15	QPSK	1	37	23.83	24.01	23.84	23.89		
15	QPSK	1	74	23.93	23.95	23.89	23.89		
15	QPSK	36	0	22.96	23.11	22.94	22.93	24.5	1
15	QPSK	36	20	22.93	22.98	22.85	22.91		
15	QPSK	36	39	23.03	22.92	22.93	22.89		
15	QPSK	75	0	22.97	23.06	22.94	23.04		
15	16QAM	1	0	22.94	23.08	22.97	22.92	24.5	1
15	16QAM	1	37	22.98	23.06	22.92	23.01		
15	16QAM	1	74	22.98	23.05	22.94	22.93		
15	16QAM	36	0	21.92	22.03	21.90	21.89	23.5	2
15	16QAM	36	20	21.89	22.09	21.89	22.01		
15	16QAM	36	39	22.02	21.99	21.95	21.93		
15	16QAM	75	0	21.94	22.00	21.84	22.09		
15	64QAM	1	0	21.97	22.07	22.07	21.98	23.5	2
15	64QAM	1	37	21.89	21.92	22.03	22.09		
15	64QAM	1	74	21.96	22.06	21.96	22.03		
15	64QAM	36	0	21.00	21.03	20.89	20.98	22.5	3
15	64QAM	36	20	20.90	20.98	20.87	20.99		
15	64QAM	36	39	21.00	20.92	20.95	21.04		
15	64QAM	75	0	20.97	21.10	20.85	21.05		
15	256QAM	1	0	18.95	19.14	18.94	18.88	20.5	5
15	256QAM	1	37	18.87	19.11	18.73	18.94		
15	256QAM	1	74	18.98	19.01	18.87	18.91		
15	256QAM	36	0	19.00	19.00	18.96	19.07	20.5	5
15	256QAM	36	20	18.95	18.98	19.00	18.90		
15	256QAM	36	39	18.97	18.97	18.93	19.08		
15	256QAM	75	0	18.97	19.06	18.98	19.02		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.99	24.08	24.01	23.95	25.5	0
10	QPSK	1	25	23.83	24.00	23.92	23.90		
10	QPSK	1	49	23.96	23.94	23.95	23.95		
10	QPSK	25	0	22.91	23.05	22.96	22.92	24.5	1
10	QPSK	25	12	22.94	23.00	22.84	22.93		
10	QPSK	25	25	22.99	23.03	22.99	22.98		
10	QPSK	50	0	22.98	23.08	22.87	23.06		
10	16QAM	1	0	23.00	23.05	23.04	22.99	24.5	1
10	16QAM	1	25	22.90	23.00	22.90	23.03		
10	16QAM	1	49	22.96	23.08	22.93	22.91		
10	16QAM	25	0	21.97	22.09	21.89	21.89	23.5	2
10	16QAM	25	12	21.85	22.10	21.83	22.03		
10	16QAM	25	25	21.96	21.94	21.98	21.94		
10	16QAM	50	0	22.01	22.09	21.93	22.07		
10	64QAM	1	0	21.95	22.01	22.05	21.91	23.5	2
10	64QAM	1	25	21.85	21.98	22.02	22.07		
10	64QAM	1	49	21.93	22.01	22.01	22.00		
10	64QAM	25	0	21.04	21.12	20.95	21.03	22.5	3
10	64QAM	25	12	20.84	21.00	20.88	21.03		
10	64QAM	25	25	21.04	20.91	20.92	21.02		
10	64QAM	50	0	20.99	21.06	20.84	21.02		
10	256QAM	1	0	18.91	19.14	19.02	18.88	20.5	5
10	256QAM	1	25	18.86	19.04	18.81	18.95		
10	256QAM	1	49	19.01	18.94	18.91	18.87		
10	256QAM	25	0	19.04	19.00	18.91	19.07	20.5	5
10	256QAM	25	12	18.98	19.06	18.98	18.97		
10	256QAM	25	25	18.94	18.97	18.94	19.06		
10	256QAM	50	0	19.04	19.10	18.98	18.98		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	24.05	24.06	24.04	24.02	25.5	0
5	QPSK	1	12	23.84	24.01	23.83	24.01		
5	QPSK	1	24	23.97	23.99	23.89	23.90		
5	QPSK	12	0	22.98	23.08	22.98	23.00	24.5	1
5	QPSK	12	7	22.91	23.08	22.82	22.97		
5	QPSK	12	13	23.02	23.00	22.92	22.93		
5	QPSK	25	0	23.05	22.99	22.95	23.00		
5	16QAM	1	0	22.97	23.00	23.00	23.01	24.5	1
5	16QAM	1	12	22.89	23.01	22.95	22.98		
5	16QAM	1	24	22.99	23.08	22.99	22.90		
5	16QAM	12	0	21.93	22.03	21.86	21.91	23.5	2
5	16QAM	12	7	21.86	22.03	21.86	21.98		
5	16QAM	12	13	21.98	21.94	21.93	22.02		
5	16QAM	25	0	21.96	22.01	21.89	22.08		
5	64QAM	1	0	22.01	22.07	21.98	21.92	23.5	2
5	64QAM	1	12	21.87	21.95	21.92	22.08		
5	64QAM	1	24	21.94	22.03	21.89	21.96		
5	64QAM	12	0	21.00	21.08	20.88	20.98	22.5	3
5	64QAM	12	7	20.86	21.02	20.83	21.00		
5	64QAM	12	13	21.07	20.98	20.92	21.01		
5	64QAM	25	0	21.01	21.11	20.89	21.04		
5	256QAM	1	0	18.90	19.06	19.04	18.93	20.5	5
5	256QAM	1	12	18.86	19.06	18.82	18.85		
5	256QAM	1	24	18.95	18.91	18.97	18.87		
5	256QAM	12	0	18.99	18.97	18.91	19.06	20.5	5
5	256QAM	12	7	18.96	19.07	19.06	18.98		
5	256QAM	12	13	18.90	19.00	18.98	19.08		
5	256QAM	25	0	19.05	19.08	19.07	18.93		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.28	23.32	23.26	25	0
20	QPSK	1	49	23.16	23.25	23.21		
20	QPSK	1	99	23.18	23.24	23.17		
20	QPSK	50	0	22.23	22.35	22.21	24	1
20	QPSK	50	24	22.13	22.26	22.18		
20	QPSK	50	50	22.13	22.22	22.16		
20	QPSK	100	0	22.26	22.31	22.22		
20	16QAM	1	0	22.32	22.33	22.21	24	1
20	16QAM	1	49	22.16	22.29	22.25		
20	16QAM	1	99	22.20	22.29	22.19		
20	16QAM	50	0	21.24	21.37	21.17	23	2
20	16QAM	50	24	21.14	21.25	21.14		
20	16QAM	50	50	21.09	21.25	21.11		
20	16QAM	100	0	21.22	21.28	21.18		
20	64QAM	1	0	21.38	21.30	21.27	23	2
20	64QAM	1	49	21.19	21.32	21.23		
20	64QAM	1	99	21.22	21.26	21.17		
20	64QAM	50	0	20.27	20.39	20.26	22	3
20	64QAM	50	24	20.15	20.30	20.23		
20	64QAM	50	50	20.10	20.23	20.21		
20	64QAM	100	0	20.21	20.31	20.19		
20	256QAM	1	0	18.24	18.33	18.25	20	5
20	256QAM	1	49	18.13	18.26	18.22		
20	256QAM	1	99	18.13	18.16	18.22		
20	256QAM	50	0	18.32	18.37	18.21	20	5
20	256QAM	50	24	18.35	18.32	18.17		
20	256QAM	50	50	18.14	18.25	18.26		
20	256QAM	100	0	18.24	18.27	18.19		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.21	23.29	23.17	25	0
15	QPSK	1	37	23.12	23.13	23.09		
15	QPSK	1	74	23.06	23.14	23.08		
15	QPSK	36	0	22.09	22.29	22.11	24	1
15	QPSK	36	20	22.05	22.20	22.14		
15	QPSK	36	39	22.03	22.15	22.09		
15	QPSK	75	0	22.20	22.24	22.10		
15	16QAM	1	0	22.22	22.21	22.14	24	1
15	16QAM	1	37	22.02	22.26	22.11		
15	16QAM	1	74	22.14	22.20	22.12		
15	16QAM	36	0	21.11	21.27	21.12	23	2
15	16QAM	36	20	21.05	21.14	21.02		
15	16QAM	36	39	20.98	21.20	21.03		
15	16QAM	75	0	21.19	21.19	21.10		
15	64QAM	1	0	21.30	21.27	21.23	23	2
15	64QAM	1	37	21.13	21.24	21.15		
15	64QAM	1	74	21.09	21.16	21.10		
15	64QAM	36	0	20.15	20.35	20.13	22	3
15	64QAM	36	20	20.11	20.16	20.11		
15	64QAM	36	39	20.03	20.20	20.18		
15	64QAM	75	0	20.14	20.18	20.07		
15	256QAM	1	0	18.12	18.29	18.19	20	5
15	256QAM	1	37	18.03	18.19	18.16		
15	256QAM	1	74	18.05	18.07	18.14		
15	256QAM	36	0	18.26	18.28	18.14	20	5
15	256QAM	36	20	18.23	18.23	18.07		
15	256QAM	36	39	18.05	18.19	18.19		
15	256QAM	75	0	18.10	18.19	18.16		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.22	23.22	23.14	25	0
10	QPSK	1	25	23.06	23.21	23.10		
10	QPSK	1	49	23.15	23.16	23.03		
10	QPSK	25	0	22.10	22.21	22.18	24	1
10	QPSK	25	12	22.09	22.23	22.05		
10	QPSK	25	25	22.10	22.18	22.09		
10	QPSK	50	0	22.19	22.26	22.20		
10	16QAM	1	0	22.22	22.22	22.07	24	1
10	16QAM	1	25	22.12	22.18	22.12		
10	16QAM	1	49	22.09	22.17	22.14		
10	16QAM	25	0	21.15	21.28	21.14	23	2
10	16QAM	25	12	21.11	21.14	21.07		
10	16QAM	25	25	20.99	21.18	21.03		
10	16QAM	50	0	21.20	21.25	21.16		
10	64QAM	1	0	21.32	21.24	21.20	23	2
10	64QAM	1	25	21.09	21.23	21.10		
10	64QAM	1	49	21.12	21.15	21.05		
10	64QAM	25	0	20.22	20.33	20.15	22	3
10	64QAM	25	12	20.04	20.17	20.12		
10	64QAM	25	25	20.01	20.18	20.15		
10	64QAM	50	0	20.19	20.24	20.16		
10	256QAM	1	0	18.16	18.30	18.23	20	5
10	256QAM	1	25	18.02	18.13	18.19		
10	256QAM	1	49	18.00	18.12	18.09		
10	256QAM	25	0	18.25	18.25	18.18	20	5
10	256QAM	25	12	18.22	18.28	18.13		
10	256QAM	25	25	18.07	18.18	18.24		
10	256QAM	50	0	18.19	18.14	18.12		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.25	23.29	23.21	25	0
5	QPSK	1	12	23.05	23.14	23.08		
5	QPSK	1	24	23.14	23.16	23.04		
5	QPSK	12	0	22.20	22.26	22.18	24	1
5	QPSK	12	7	21.99	22.15	22.08		
5	QPSK	12	13	22.02	22.11	22.08		
5	QPSK	25	0	22.19	22.20	22.14		
5	16QAM	1	0	22.28	22.27	22.19	24	1
5	16QAM	1	12	22.10	22.24	22.23		
5	16QAM	1	24	22.11	22.20	22.15		
5	16QAM	12	0	21.12	21.28	21.04	23	2
5	16QAM	12	7	21.09	21.19	21.05		
5	16QAM	12	13	21.02	21.22	21.04		
5	16QAM	25	0	21.14	21.18	21.16		
5	64QAM	1	0	21.30	21.18	21.14	23	2
5	64QAM	1	12	21.08	21.19	21.15		
5	64QAM	1	24	21.10	21.24	21.05		
5	64QAM	12	0	20.22	20.30	20.21	22	3
5	64QAM	12	7	20.02	20.18	20.10		
5	64QAM	12	13	20.04	20.21	20.17		
5	64QAM	25	0	20.14	20.28	20.15		
5	256QAM	1	0	18.13	18.23	18.19	20	5
5	256QAM	1	12	18.09	18.23	18.13		
5	256QAM	1	24	18.07	18.13	18.12		
5	256QAM	12	0	18.26	18.35	18.15	20	5
5	256QAM	12	7	18.33	18.19	18.04		
5	256QAM	12	13	18.00	18.15	18.19		
5	256QAM	25	0	18.15	18.18	18.07		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.25	23.27	23.19	23.22	25	0
20	QPSK	1	49	23.16	23.24	23.16	23.08		
20	QPSK	1	99	23.21	23.21	23.14	23.15		
20	QPSK	50	0	22.30	22.32	22.16	22.19	24	1
20	QPSK	50	24	22.12	22.29	22.19	22.07		
20	QPSK	50	50	22.23	22.24	22.12	22.21		
20	QPSK	100	0	22.22	22.30	22.17	22.21		
20	16QAM	1	0	22.29	22.29	22.24	22.28	24	1
20	16QAM	1	49	22.17	22.24	22.16	22.10		
20	16QAM	1	99	22.26	22.23	22.09	22.17		
20	16QAM	50	0	21.31	21.33	21.13	21.24	23	2
20	16QAM	50	24	21.17	21.32	21.14	21.07		
20	16QAM	50	50	21.24	21.27	21.13	21.23		
20	16QAM	100	0	21.18	21.29	21.20	21.15		
20	64QAM	1	0	21.27	21.24	21.23	21.25	23	2
20	64QAM	1	49	21.22	21.21	21.21	21.13		
20	64QAM	1	99	21.25	21.20	21.03	21.11		
20	64QAM	50	0	20.31	20.28	20.17	20.23	22	3
20	64QAM	50	24	20.11	20.30	20.17	20.05		
20	64QAM	50	50	20.18	20.23	20.17	20.21		
20	64QAM	100	0	20.26	20.24	20.17	20.21		
20	256QAM	1	0	18.27	18.30	18.11	18.24	20	5
20	256QAM	1	49	18.16	18.25	18.14	18.13		
20	256QAM	1	99	18.22	18.18	18.15	18.19		
20	256QAM	50	0	18.28	18.33	18.11	18.22	20	5
20	256QAM	50	24	18.24	18.28	18.21	18.33		
20	256QAM	50	50	18.13	18.24	18.19	18.05		
20	256QAM	100	0	18.26	18.21	18.06	18.11		
Channel				55315	55820	56160	56665	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.19	23.21	23.09	23.19	25	0
15	QPSK	1	37	23.07	23.11	23.13	23.07		
15	QPSK	1	74	23.11	23.15	23.08	23.04		
15	QPSK	36	0	22.19	22.22	22.12	22.06	24	1
15	QPSK	36	20	22.08	22.16	22.06	22.16		
15	QPSK	36	39	22.11	22.14	22.07	22.18		
15	QPSK	75	0	22.18	22.26	22.10	22.12		
15	16QAM	1	0	22.25	22.17	22.17	22.15	24	1
15	16QAM	1	37	22.11	22.10	22.11	22.17		
15	16QAM	1	74	22.21	22.12	22.06	22.09		
15	16QAM	36	0	21.19	21.30	21.01	21.15	23	2
15	16QAM	36	20	21.11	21.19	21.07	21.05		
15	16QAM	36	39	21.18	21.20	21.01	21.16		
15	16QAM	75	0	21.10	21.22	21.10	21.05		
15	64QAM	1	0	21.19	21.15	21.16	21.12	23	2
15	64QAM	1	37	21.17	21.10	21.09	21.09		
15	64QAM	1	74	21.16	21.16	21.16	21.01		
15	64QAM	36	0	20.26	20.25	20.04	20.18	22	3
15	64QAM	36	20	20.06	20.21	20.13	20.01		
15	64QAM	36	39	20.15	20.13	20.06	20.18		
15	64QAM	75	0	20.16	20.16	20.10	20.10		
15	256QAM	1	0	18.21	18.16	18.04	18.19	20	5
15	256QAM	1	37	18.04	18.21	18.06	18.06		
15	256QAM	1	74	18.11	18.05	18.07	18.07		
15	256QAM	36	0	18.25	18.24	18.08	18.16	20	5
15	256QAM	36	20	18.18	18.25	18.14	18.28		
15	256QAM	36	39	18.02	18.13	18.15	18.25		
15	256QAM	75	0	18.13	18.18	18.03	18.13		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.18	23.16	23.09	23.12	25	0
10	QPSK	1	25	23.03	23.18	23.02	23.09		
10	QPSK	1	49	23.08	23.09	23.12	23.12		
10	QPSK	25	0	22.27	22.19	22.05	22.13	24	1
10	QPSK	25	12	22.02	22.23	22.12	22.05		
10	QPSK	25	25	22.15	22.17	22.02	22.08		
10	QPSK	50	0	22.13	22.17	22.12	22.09		
10	16QAM	1	0	22.27	22.25	22.15	22.23	24	1
10	16QAM	1	25	22.08	22.15	22.06	22.04		
10	16QAM	1	49	22.18	22.16	22.00	22.14		
10	16QAM	25	0	21.18	21.25	21.10	21.19	23	2
10	16QAM	25	12	21.05	21.25	21.04	21.02		
10	16QAM	25	25	21.19	21.22	21.02	21.15		
10	16QAM	50	0	21.15	21.22	21.16	21.05		
10	64QAM	1	0	21.14	21.12	21.10	21.21	23	2
10	64QAM	1	25	21.19	21.11	21.08	21.04		
10	64QAM	1	49	21.20	21.07	21.20	21.02		
10	64QAM	25	0	20.23	20.20	20.07	20.15	22	3
10	64QAM	25	12	20.04	20.27	20.11	20.03		
10	64QAM	25	25	20.09	20.19	20.13	20.18		
10	64QAM	50	0	20.18	20.10	20.11	20.15		
10	256QAM	1	0	18.25	18.23	18.06	18.22	20	5
10	256QAM	1	25	18.09	18.22	18.06	18.07		
10	256QAM	1	49	18.16	18.06	18.07	18.08		
10	256QAM	25	0	18.19	18.27	18.03	18.14	20	5
10	256QAM	25	12	18.20	18.18	18.13	18.26		
10	256QAM	25	25	18.05	18.10	18.13	18.20		
10	256QAM	50	0	18.23	18.18	18.03	18.05		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.20	23.25	23.17	23.16	25	0
5	QPSK	1	12	23.06	23.16	23.04	23.06		
5	QPSK	1	24	23.15	23.15	23.06	23.03		
5	QPSK	12	0	22.18	22.27	22.05	22.14	24	1
5	QPSK	12	7	22.09	22.16	22.14	22.01		
5	QPSK	12	13	22.14	22.15	22.04	22.15		
5	QPSK	25	0	22.19	22.22	22.04	22.18		
5	16QAM	1	0	22.25	22.24	22.22	22.15	24	1
5	16QAM	1	12	22.09	22.16	22.03	22.05		
5	16QAM	1	24	22.14	22.14	22.03	22.06		
5	16QAM	12	0	21.18	21.25	21.03	21.22	23	2
5	16QAM	12	7	21.06	21.24	21.07	21.24		
5	16QAM	12	13	21.17	21.18	21.07	21.20		
5	16QAM	25	0	21.15	21.17	21.10	21.06		
5	64QAM	1	0	21.23	21.18	21.11	21.18	23	2
5	64QAM	1	12	21.20	21.18	21.13	21.01		
5	64QAM	1	24	21.12	21.14	21.11	21.04		
5	64QAM	12	0	20.23	20.19	20.14	20.12	22	3
5	64QAM	12	7	20.01	20.24	20.12	20.03		
5	64QAM	12	13	20.11	20.17	20.12	20.16		
5	64QAM	25	0	20.13	20.15	20.14	20.08		
5	256QAM	1	0	18.18	18.19	18.07	18.18	20	5
5	256QAM	1	12	18.07	18.16	18.06	18.04		
5	256QAM	1	24	18.08	18.16	18.06	18.15		
5	256QAM	12	0	18.15	18.24	18.04	18.17	20	5
5	256QAM	12	7	18.15	18.16	18.12	18.20		
5	256QAM	12	13	18.01	18.13	18.10	18.12		
5	256QAM	25	0	18.14	18.12	18.15	18.04		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.11	23.14	23.07	24.5	0
20	QPSK	1	49	23.08	23.12	22.99		
20	QPSK	1	99	23.07	23.10	22.98		
20	QPSK	50	0	22.10	22.19	22.04	23.5	1
20	QPSK	50	24	22.09	22.15	21.99		
20	QPSK	50	50	22.09	22.05	22.03		
20	QPSK	100	0	22.10	22.18	22.07		
20	16QAM	1	0	22.11	22.11	22.05	23.5	1
20	16QAM	1	49	22.03	22.12	21.94		
20	16QAM	1	99	22.13	22.14	22.01		
20	16QAM	50	0	21.14	21.13	21.00	22.5	2
20	16QAM	50	24	21.13	21.11	20.94		
20	16QAM	50	50	21.04	21.02	21.02		
20	16QAM	100	0	21.11	21.14	21.04		
20	64QAM	1	0	21.14	21.09	21.06	22.5	2
20	64QAM	1	49	21.07	21.09	20.94		
20	64QAM	1	99	21.07	21.19	20.97		
20	64QAM	50	0	20.14	20.22	20.06	21.5	3
20	64QAM	50	24	20.09	20.09	20.03		
20	64QAM	50	50	20.15	20.02	20.03		
20	64QAM	100	0	20.05	20.16	20.05		
20	256QAM	1	0	18.14	18.15	18.00	19.5	5
20	256QAM	1	49	18.10	18.10	18.01		
20	256QAM	1	99	18.04	18.05	18.08		
20	256QAM	50	0	18.15	18.22	18.01	19.5	5
20	256QAM	50	24	18.11	18.05	18.00		
20	256QAM	50	50	18.08	18.15	17.98		
20	256QAM	100	0	18.11	18.11	18.00		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.01	23.09	23.05	24.5	0
15	QPSK	1	37	23.05	22.98	22.93		
15	QPSK	1	74	23.02	22.96	22.90		
15	QPSK	36	0	22.03	22.16	21.96	23.5	1
15	QPSK	36	20	22.03	22.10	21.95		
15	QPSK	36	39	22.00	21.95	21.90		
15	QPSK	75	0	22.08	22.04	21.99		
15	16QAM	1	0	21.98	21.98	22.00	23.5	1
15	16QAM	1	37	21.91	21.98	21.81		
15	16QAM	1	74	22.06	22.11	21.89		
15	16QAM	36	0	21.01	21.08	20.89	22.5	2
15	16QAM	36	20	21.09	21.07	20.83		
15	16QAM	36	39	20.94	20.94	20.99		
15	16QAM	75	0	20.99	21.05	20.91		
15	64QAM	1	0	21.09	20.98	21.01	22.5	2
15	64QAM	1	37	20.98	21.01	20.81		
15	64QAM	1	74	21.05	21.10	20.89		
15	64QAM	36	0	20.04	20.17	19.99	21.5	3
15	64QAM	36	20	20.02	19.99	19.98		
15	64QAM	36	39	20.03	19.88	19.90		
15	64QAM	75	0	19.97	20.11	19.93		
15	256QAM	1	0	18.02	18.06	17.97	19.5	5
15	256QAM	1	37	17.96	18.05	17.90		
15	256QAM	1	74	17.98	17.97	17.98		
15	256QAM	36	0	18.06	18.10	17.88	19.5	5
15	256QAM	36	20	18.07	17.92	17.92		
15	256QAM	36	39	18.00	18.08	17.92		
15	256QAM	75	0	18.08	18.07	17.97		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.04	23.07	23.01	24.5	0
10	QPSK	1	25	22.94	23.02	22.94		
10	QPSK	1	49	23.04	23.04	22.94		
10	QPSK	25	0	22.00	22.08	21.97	23.5	1
10	QPSK	25	12	22.02	22.08	21.96		
10	QPSK	25	25	22.04	22.02	21.98		
10	QPSK	50	0	22.08	22.09	22.01		
10	16QAM	1	0	22.07	22.09	21.98	23.5	1
10	16QAM	1	25	21.92	21.99	21.88		
10	16QAM	1	49	22.02	22.11	21.90		
10	16QAM	25	0	21.04	21.09	20.92	22.5	2
10	16QAM	25	12	20.99	21.01	20.82		
10	16QAM	25	25	20.94	20.88	20.91		
10	16QAM	50	0	21.08	21.05	20.92		
10	64QAM	1	0	21.05	21.04	20.94	22.5	2
10	64QAM	1	25	20.99	21.05	20.91		
10	64QAM	1	49	21.04	21.16	20.89		
10	64QAM	25	0	20.11	20.12	19.97	21.5	3
10	64QAM	25	12	20.04	19.98	19.89		
10	64QAM	25	25	20.04	19.95	19.94		
10	64QAM	50	0	20.02	20.09	19.95		
10	256QAM	1	0	18.08	18.09	17.97	19.5	5
10	256QAM	1	25	18.01	18.05	17.89		
10	256QAM	1	49	17.97	17.92	18.05		
10	256QAM	25	0	18.08	18.16	17.89	19.5	5
10	256QAM	25	12	18.04	17.96	17.98		
10	256QAM	25	25	18.02	18.01	17.94		
10	256QAM	50	0	18.08	17.97	17.97		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.03	23.03	22.96	24.5	0
5	QPSK	1	12	23.05	22.98	22.95		
5	QPSK	1	24	22.97	22.98	22.90		
5	QPSK	12	0	22.07	22.11	21.91	23.5	1
5	QPSK	12	7	21.98	22.07	21.87		
5	QPSK	12	13	21.99	21.93	22.00		
5	QPSK	25	0	22.05	22.09	21.95		
5	16QAM	1	0	22.09	22.03	22.01	23.5	1
5	16QAM	1	12	21.94	22.07	21.86		
5	16QAM	1	24	22.00	22.06	21.92		
5	16QAM	12	0	21.11	21.01	20.93	22.5	2
5	16QAM	12	7	21.04	21.03	20.80		
5	16QAM	12	13	21.00	20.99	20.97		
5	16QAM	25	0	21.05	21.06	20.96		
5	64QAM	1	0	21.05	20.98	20.99	22.5	2
5	64QAM	1	12	20.96	21.00	20.81		
5	64QAM	1	24	20.98	21.15	20.94		
5	64QAM	12	0	20.09	20.17	20.01	21.5	3
5	64QAM	12	7	19.99	20.03	19.90		
5	64QAM	12	13	20.02	19.92	19.99		
5	64QAM	25	0	20.00	20.09	20.01		
5	256QAM	1	0	18.04	18.03	17.91	19.5	5
5	256QAM	1	12	18.00	18.07	17.98		
5	256QAM	1	24	17.97	18.01	17.95		
5	256QAM	12	0	18.04	18.13	17.98	19.5	5
5	256QAM	12	7	18.00	17.98	17.93		
5	256QAM	12	13	18.06	18.05	17.94		
5	256QAM	25	0	18.08	18.05	17.90		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.08	23.11	23.10	23.02	24.5	0
20	QPSK	1	49	23.06	23.06	23.05	22.93		
20	QPSK	1	99	22.95	23.05	23.02	22.94		
20	QPSK	50	0	22.07	22.15	22.05	21.97	23.5	1
20	QPSK	50	24	22.04	22.06	22.03	21.96		
20	QPSK	50	50	22.00	22.02	22.04	21.92		
20	QPSK	100	0	22.12	22.14	22.07	22.06		
20	16QAM	1	0	22.09	22.07	22.08	22.01	23.5	1
20	16QAM	1	49	22.01	22.02	22.09	21.89		
20	16QAM	1	99	21.92	22.00	21.97	21.95		
20	16QAM	50	0	21.03	21.12	21.04	20.93	22.5	2
20	16QAM	50	24	21.07	21.11	21.00	20.93		
20	16QAM	50	50	20.94	20.96	21.03	20.93		
20	16QAM	100	0	21.12	21.11	21.07	21.11		
20	64QAM	1	0	21.11	21.03	21.06	21.06	22.5	2
20	64QAM	1	49	20.97	20.97	21.11	20.83		
20	64QAM	1	99	20.93	21.01	21.02	20.92		
20	64QAM	50	0	20.09	20.18	20.02	19.95	21.5	3
20	64QAM	50	24	20.09	20.10	20.00	19.96		
20	64QAM	50	50	20.00	20.00	20.04	19.91		
20	64QAM	100	0	20.18	20.16	20.08	20.10		
20	256QAM	1	0	18.08	18.18	18.07	17.93	19.5	5
20	256QAM	1	49	18.01	18.02	18.06	17.90		
20	256QAM	1	99	18.04	18.08	18.06	17.93		
20	256QAM	50	0	18.15	18.09	18.06	18.00	19.5	5
20	256QAM	50	24	18.08	18.10	18.06	17.97		
20	256QAM	50	50	18.01	17.98	18.13	17.94		
20	256QAM	100	0	17.90	18.00	17.94	17.96		
Channel				55315	55820	56160	56865	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.01	23.06	22.96	22.92	24.5	0
15	QPSK	1	37	23.00	23.04	22.91	22.90		
15	QPSK	1	74	22.87	22.99	22.90	22.83		
15	QPSK	36	0	22.05	22.10	21.93	21.86	23.5	1
15	QPSK	36	20	21.99	21.99	21.91	21.93		
15	QPSK	36	39	21.91	21.93	21.90	21.78		
15	QPSK	75	0	22.00	22.10	21.95	21.94		
15	16QAM	1	0	22.05	21.99	21.96	21.88	23.5	1
15	16QAM	1	37	21.93	21.97	22.05	21.79		
15	16QAM	1	74	21.82	21.88	21.91	21.81		
15	16QAM	36	0	20.94	21.03	21.01	20.83	22.5	2
15	16QAM	36	20	20.97	21.03	20.92	20.81		
15	16QAM	36	39	20.85	20.87	20.94	20.81		
15	16QAM	75	0	21.09	21.05	20.94	20.99		
15	64QAM	1	0	21.01	20.93	21.03	21.04	22.5	2
15	64QAM	1	37	20.93	20.90	20.99	20.78		
15	64QAM	1	74	20.89	20.99	20.91	20.81		
15	64QAM	36	0	19.99	20.16	19.96	19.82	21.5	3
15	64QAM	36	20	20.04	20.00	19.98	19.89		
15	64QAM	36	39	19.94	19.88	19.93	19.77		
15	64QAM	75	0	20.14	20.03	19.95	19.96		
15	256QAM	1	0	18.00	18.10	17.97	17.85	19.5	5
15	256QAM	1	37	17.95	17.90	17.97	17.79		
15	256QAM	1	74	18.01	18.03	18.04	17.85		
15	256QAM	36	0	18.12	18.03	17.96	17.94	19.5	5
15	256QAM	36	20	17.94	17.97	17.94	17.84		
15	256QAM	36	39	17.95	17.95	18.07	17.84		
15	256QAM	75	0	17.85	17.87	17.86	17.83		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.94	23.00	23.03	22.93	24.5	0
10	QPSK	1	25	22.95	22.92	23.01	22.82		
10	QPSK	1	49	22.90	22.94	22.90	22.82		
10	QPSK	25	0	21.95	22.03	22.01	21.86	23.5	1
10	QPSK	25	12	22.00	21.98	21.91	21.84		
10	QPSK	25	25	21.97	21.98	21.90	21.87		
10	QPSK	50	0	22.04	22.11	21.99	22.03		
10	16QAM	1	0	22.05	21.96	22.05	21.97	23.5	1
10	16QAM	1	25	21.99	21.98	22.07	21.84		
10	16QAM	1	49	21.82	21.88	21.92	21.91		
10	16QAM	25	0	20.91	20.98	21.02	20.88	22.5	2
10	16QAM	25	12	21.04	21.04	20.89	20.83		
10	16QAM	25	25	20.86	20.93	20.96	20.90		
10	16QAM	50	0	21.09	21.05	21.05	20.99		
10	64QAM	1	0	21.04	20.97	20.96	20.97	22.5	2
10	64QAM	1	25	20.89	20.93	21.08	20.73		
10	64QAM	1	49	20.89	20.94	20.90	20.87		
10	64QAM	25	0	19.97	20.10	19.92	19.83	21.5	3
10	64QAM	25	12	20.05	20.08	19.90	19.87		
10	64QAM	25	25	19.90	19.89	19.98	19.88		
10	64QAM	50	0	20.04	20.09	20.04	20.05		
10	256QAM	1	0	17.94	18.06	17.96	17.89	19.5	5
10	256QAM	1	25	17.95	17.96	18.01	17.77		
10	256QAM	1	49	17.99	17.98	17.95	17.90		
10	256QAM	25	0	18.09	18.06	18.02	17.90	19.5	5
10	256QAM	25	12	17.95	17.96	18.04	17.84		
10	256QAM	25	25	17.96	17.86	18.04	17.80		
10	256QAM	50	0	17.85	17.94	17.84	17.85		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.97	23.07	23.05	22.96	24.5	0
5	QPSK	1	12	22.95	22.93	23.01	22.82		
5	QPSK	1	24	22.85	22.95	22.94	22.81		
5	QPSK	12	0	22.05	22.10	22.00	21.86	23.5	1
5	QPSK	12	7	22.02	21.96	21.96	21.84		
5	QPSK	12	13	21.89	21.95	21.99	21.82		
5	QPSK	25	0	22.04	22.02	22.01	22.03		
5	16QAM	1	0	21.97	21.97	21.99	21.87	23.5	1
5	16QAM	1	12	21.91	21.97	22.02	21.82		
5	16QAM	1	24	21.84	21.95	21.84	21.87		
5	16QAM	12	0	20.97	21.07	21.02	20.81	22.5	2
5	16QAM	12	7	21.04	21.02	20.94	20.81		
5	16QAM	12	13	20.90	20.83	20.89	20.80		
5	16QAM	25	0	21.02	21.02	20.98	21.01		
5	64QAM	1	0	21.02	20.96	20.93	20.94	22.5	2
5	64QAM	1	12	20.88	20.88	20.97	20.72		
5	64QAM	1	24	20.83	20.90	20.90	20.78		
5	64QAM	12	0	20.02	20.06	19.91	19.93	21.5	3
5	64QAM	12	7	20.04	20.02	19.93	19.86		
5	64QAM	12	13	19.86	19.96	20.01	19.83		
5	64QAM	25	0	20.11	20.05	19.97	19.98		
5	256QAM	1	0	18.06	18.09	18.01	17.82	19.5	5
5	256QAM	1	12	17.93	17.89	17.95	17.86		
5	256QAM	1	24	17.99	18.06	17.97	17.88		
5	256QAM	12	0	18.06	18.04	18.02	17.93	19.5	5
5	256QAM	12	7	17.98	17.96	18.02	17.90		
5	256QAM	12	13	17.88	17.93	18.01	17.81		
5	256QAM	25	0	17.85	17.87	17.84	17.93		

Reduced Power Mode for ECI1

GSM850 Ant0 ECI1

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	33.01	33.09	33.03	34.00	24.01	24.09	24.03	25.00
GPRS 1 Tx slot	32.95	33.01	32.92	34.00	23.95	24.01	23.92	25.00
GPRS 2 Tx slots	29.98	30.11	30.03	31.00	23.98	24.11	24.03	25.00
GPRS 3 Tx slots	28.22	28.37	28.28	29.20	23.96	24.11	24.02	24.94
GPRS 4 Tx slots	27.02	27.08	26.96	28.00	24.02	24.08	23.96	25.00
EDGE 1 Tx slot	27.00	27.15	27.02	28.00	18.00	18.15	18.02	19.00
EDGE 2 Tx slots	23.85	24.01	23.90	25.00	17.85	18.01	17.90	19.00
EDGE 3 Tx slots	21.74	21.81	21.69	23.20	17.48	17.55	17.43	18.94
EDGE 4 Tx slots	20.68	20.75	20.64	22.00	17.68	17.75	17.64	19.00

WCDMA V Ant0 ECI1

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	23.99	24.10	24.06	25.00
3GPP Rel 99	RMC 12.2Kbps	24.11	24.14	24.09	25.00
3GPP Rel 6	HSDPA Subtest-1	23.09	23.19	23.12	24.00
3GPP Rel 6	HSDPA Subtest-2	23.15	23.09	23.12	24.00
3GPP Rel 6	HSDPA Subtest-3	22.56	22.65	22.59	23.50
3GPP Rel 6	HSDPA Subtest-4	22.58	22.66	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.11	23.13	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.16	23.13	23.15	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.60	22.67	22.63	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.60	22.65	22.60	23.50
3GPP Rel 6	HSUPA Subtest-1	23.07	23.12	23.04	24.00
3GPP Rel 6	HSUPA Subtest-2	21.07	21.16	21.08	22.00
3GPP Rel 6	HSUPA Subtest-3	22.15	22.17	22.05	23.00
3GPP Rel 6	HSUPA Subtest-4	21.15	21.19	21.06	22.00
3GPP Rel 6	HSUPA Subtest-5	23.09	23.09	23.04	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.63	20.68	20.54	21.50

Band 5 Ant0 ECI1

BW [MHz]	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	25.08	25.15	25.11	25.7	0
10	QPSK	1	25	25.05	25.11	25.09		
10	QPSK	1	49	25.00	25.12	25.04		
10	QPSK	25	0	24.05	24.19	24.06	24.7	1
10	QPSK	25	12	24.08	24.07	24.10		
10	QPSK	25	25	24.00	24.14	24.07		
10	QPSK	50	0	24.11	24.17	24.16		
10	16QAM	1	0	24.04	24.14	24.10	24.7	1
10	16QAM	1	25	24.11	24.08	24.10		
10	16QAM	1	49	23.98	24.07	24.01		
10	16QAM	25	0	23.04	23.21	23.09	23.7	2
10	16QAM	25	12	23.08	23.12	23.13		
10	16QAM	25	25	22.97	23.13	23.12		
10	16QAM	50	0	23.13	23.18	23.19		
10	64QAM	1	0	23.05	23.20	23.14	23.7	2
10	64QAM	1	25	23.11	23.04	23.06		
10	64QAM	1	49	22.95	23.11	23.05		
10	64QAM	25	0	22.06	22.23	22.06	22.7	3
10	64QAM	25	12	22.06	22.11	22.10		
10	64QAM	25	25	22.04	22.12	22.06		
10	64QAM	50	0	22.06	22.22	22.20		
10	256QAM	1	0	20.11	20.19	20.07	20.7	5
10	256QAM	1	25	20.06	20.07	20.12		
10	256QAM	1	49	20.02	20.18	20.06		
10	256QAM	25	0	20.16	20.22	20.18	20.7	5
10	256QAM	25	12	20.02	20.18	20.09		
10	256QAM	25	25	20.07	20.12	20.12		
10	256QAM	50	0	19.98	20.09	19.99		
Channel				20425	20525	20625	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.05	25.11	25.04	25.7	0
5	QPSK	1	12	24.97	25.05	25.07		
5	QPSK	1	24	24.93	25.04	24.98		
5	QPSK	12	0	23.93	24.09	23.99	24.7	1
5	QPSK	12	7	23.96	24.00	24.04		
5	QPSK	12	13	23.97	24.08	24.01		
5	QPSK	25	0	24.02	24.10	24.13		
5	16QAM	1	0	24.00	24.02	24.04	24.7	1
5	16QAM	1	12	24.04	23.97	24.06		
5	16QAM	1	24	23.90	23.96	23.96		
5	16QAM	12	0	22.92	23.17	23.01	23.7	2
5	16QAM	12	7	23.04	22.99	23.06		
5	16QAM	12	13	22.93	23.05	23.06		
5	16QAM	25	0	23.05	23.13	23.06		
5	64QAM	1	0	22.96	23.09	23.08	23.7	2
5	64QAM	1	12	23.08	23.00	22.98		
5	64QAM	1	24	22.84	23.06	22.94		
5	64QAM	12	0	21.92	22.11	21.99	22.7	3
5	64QAM	12	7	21.95	22.00	21.96		
5	64QAM	12	13	21.99	22.01	21.94		
5	64QAM	25	0	21.99	22.17	22.11		
5	256QAM	1	0	20.06	20.06	20.02	20.7	5
5	256QAM	1	12	19.98	20.01	20.06		
5	256QAM	1	24	19.96	20.09	19.95		
5	256QAM	12	0	20.07	20.19	20.15	20.7	5
5	256QAM	12	7	19.98	20.13	20.01		
5	256QAM	12	13	19.99	20.10	20.02		
5	256QAM	25	0	19.93	20.06	19.96		
Channel				20415	20525	20635	Tune-up limit	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.97	25.03	25.02	25.7	0
3	QPSK	1	8	24.95	25.09	24.96		
3	QPSK	1	14	24.88	25.10	24.91		
3	QPSK	8	0	23.94	24.12	23.96	24.7	1
3	QPSK	8	4	23.98	23.95	23.97		
3	QPSK	8	7	23.87	24.05	23.98		
3	QPSK	15	0	23.98	24.05	24.07		
3	16QAM	1	0	23.96	24.05	24.04	24.7	1
3	16QAM	1	8	24.02	23.96	24.03		
3	16QAM	1	14	23.88	24.01	23.94		
3	16QAM	8	0	22.93	23.19	23.00	23.7	2
3	16QAM	8	4	23.03	23.09	22.99		
3	16QAM	8	7	22.94	23.10	23.04		
3	16QAM	15	0	23.00	23.13	23.08		
3	64QAM	1	0	22.92	23.11	23.10	23.7	2
3	64QAM	1	8	23.00	22.98	22.95		
3	64QAM	1	14	22.90	23.01	23.03		
3	64QAM	8	0	21.94	22.11	22.01	22.7	3
3	64QAM	8	4	22.01	21.98	22.04		
3	64QAM	8	7	21.96	22.00	22.02		
3	64QAM	15	0	22.03	22.12	22.12		
3	256QAM	1	0	20.00	20.09	19.93	20.7	5
3	256QAM	1	8	19.93	19.98	20.04		
3	256QAM	1	14	19.94	20.10	19.95		
3	256QAM	8	0	20.08	20.14	20.05	20.7	5
3	256QAM	8	4	19.96	20.12	19.96		
3	256QAM	8	7	19.94	20.01	20.05		
3	256QAM	15	0	19.85	20.04	19.90		
Channel				20407	20525	20643	Tune-up limit	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.97	25.11	25.08	25.7	0
1.4	QPSK	1	3	24.96	25.01	25.01		
1.4	QPSK	1	5	24.97	25.02	24.99		
1.4	QPSK	3	0	24.84	25.03	25.02		
1.4	QPSK	3	1	24.82	24.97	24.89		
1.4	QPSK	3	3	24.84	24.94	24.87		
1.4	QPSK	6	0	24.04	24.13	24.04	24.7	1
1.4	16QAM	1	0	24.00	24.00	23.99	24.7	1
1.4	16QAM	1	3	24.03	24.04	23.96		
1.4	16QAM	1	5	23.90	23.95	23.98		
1.4	16QAM	3	0	23.96	24.08	23.91		
1.4	16QAM	3	1	23.95	23.86	23.92		
1.4	16QAM	3	3	23.93	23.98	23.85		
1.4	16QAM	6	0	23.02	23.12	23.05	23.7	2
1.4	64QAM	1	0	22.92	23.01	22.91	23.7	2
1.4	64QAM	1	3	23.08	22.97	23.02		
1.4	64QAM	1	5	22.93	23.01	23.03		
1.4	64QAM	3	0	22.98	23.10	22.97		
1.4	64QAM	3	1	22.78	22.97	22.92		
1.4	64QAM	3	3	22.96	22.87	22.92		
1.4	64QAM	6	0	21.97	22.14	22.12	22.7	3
1.4	256QAM	1	0	19.98	20.09	20.04	20.7	5
1.4	256QAM	1	3	19.94	19.95	20.06		
1.4	256QAM	1	5	19.92	20.09	19.92		
1.4	256QAM	3	0	20.03	20.20	20.05		
1.4	256QAM	3	1	19.89	20.09	20.01		
1.4	256QAM	3	3	19.97	20.08	19.99		
1.4	256QAM	6	0	19.84	20.05	19.87	20.7	5

Band 26 Ant0 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	25.04	25.19	25.14	25.7	0
15	QPSK	1	37	25.05	25.15	25.14		
15	QPSK	1	74	24.96	25.10	25.02		
15	QPSK	36	0	24.00	24.23	24.01	24.7	1
15	QPSK	36	20	24.03	24.11	24.10		
15	QPSK	36	39	24.06	24.19	24.13		
15	QPSK	75	0	24.11	24.20	24.17		
15	16QAM	1	0	24.02	24.17	24.13	24.7	1
15	16QAM	1	37	24.07	24.11	24.16		
15	16QAM	1	74	23.99	24.07	24.05		
15	16QAM	36	0	23.04	23.27	23.15	23.7	2
15	16QAM	36	20	23.10	23.07	23.13		
15	16QAM	36	39	23.00	23.13	23.17		
15	16QAM	75	0	23.11	23.16	23.15		
15	64QAM	1	0	23.06	23.27	23.10	23.7	2
15	64QAM	1	37	23.11	23.02	23.02		
15	64QAM	1	74	22.93	23.06	23.08		
15	64QAM	36	0	22.12	22.24	22.04	22.7	3
15	64QAM	36	20	22.11	22.18	22.13		
15	64QAM	36	39	22.07	22.11	22.08		
15	64QAM	75	0	22.05	22.23	22.21		
15	256QAM	1	0	20.11	20.15	20.03	20.7	5
15	256QAM	1	37	20.10	20.07	20.10		
15	256QAM	1	74	20.05	20.22	20.03		
15	256QAM	36	0	20.11	20.27	20.17	20.7	5
15	256QAM	36	20	20.00	20.15	20.15		
15	256QAM	36	39	20.13	20.14	20.15		
15	256QAM	75	0	20.02	20.08	20.05		
Channel				26740	26865	26990	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.92	25.10	25.10	25.7	0
10	QPSK	1	25	25.02	25.11	25.09		
10	QPSK	1	49	24.83	25.00	24.89		
10	QPSK	25	0	23.90	24.18	23.89	24.7	1
10	QPSK	25	12	23.99	24.06	24.00		
10	QPSK	25	25	23.93	24.16	24.10		
10	QPSK	50	0	24.08	24.15	24.06		
10	16QAM	1	0	23.89	24.14	24.05	24.7	1
10	16QAM	1	25	23.95	23.98	24.08		
10	16QAM	1	49	23.92	24.04	23.95		
10	16QAM	25	0	23.01	23.20	23.07	23.7	2
10	16QAM	25	12	23.05	23.01	23.07		
10	16QAM	25	25	22.87	23.07	23.05		
10	16QAM	50	0	22.99	23.07	23.09		
10	64QAM	1	0	22.95	23.21	23.07	23.7	2
10	64QAM	1	25	22.98	22.93	22.90		
10	64QAM	1	49	22.81	22.97	22.97		
10	64QAM	25	0	22.07	22.16	22.02	22.7	3
10	64QAM	25	12	22.03	22.16	22.04		
10	64QAM	25	25	22.02	22.08	22.03		
10	64QAM	50	0	21.96	22.12	22.08		
10	256QAM	1	0	20.02	20.03	19.97	20.7	5
10	256QAM	1	25	19.98	20.03	20.01		
10	256QAM	1	49	19.94	20.16	19.96		
10	256QAM	25	0	20.04	20.17	20.03	20.7	5
10	256QAM	25	12	19.97	20.11	20.06		
10	256QAM	25	25	20.00	20.07	20.06		
10	256QAM	50	0	19.99	19.96	20.00		
Channel				26715	26865	27015	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.95	25.17	25.09	25.7	0
5	QPSK	1	12	24.97	25.12	25.09		
5	QPSK	1	24	24.92	25.04	24.89		
5	QPSK	12	0	23.87	24.18	23.98	24.7	1
5	QPSK	12	7	23.90	24.01	24.08		
5	QPSK	12	13	23.95	24.15	24.10		
5	QPSK	25	0	24.01	24.09	24.12		
5	16QAM	1	0	23.88	24.07	24.05	24.7	1
5	16QAM	1	12	23.97	24.05	24.14		
5	16QAM	1	24	23.95	24.03	24.00		
5	16QAM	12	0	22.91	23.16	23.11	23.7	2
5	16QAM	12	7	22.99	23.00	23.10		
5	16QAM	12	13	22.94	23.10	23.12		
5	16QAM	25	0	23.04	23.08	23.02		
5	64QAM	1	0	23.03	23.14	23.02	23.7	2
5	64QAM	1	12	23.05	22.88	22.97		
5	64QAM	1	24	22.80	23.01	22.94		
5	64QAM	12	0	21.99	22.22	22.00	22.7	3
5	64QAM	12	7	22.06	22.04	22.07		
5	64QAM	12	13	22.02	22.08	21.97		
5	64QAM	25	0	21.99	22.20	22.13		
5	256QAM	1	0	20.00	20.04	20.00	20.7	5
5	256QAM	1	12	20.01	19.99	20.05		
5	256QAM	1	24	20.01	20.16	19.92		
5	256QAM	12	0	20.02	20.17	20.09	20.7	5
5	256QAM	12	7	19.92	20.09	20.08		
5	256QAM	12	13	20.03	20.07	20.11		
5	256QAM	25	0	19.89	20.00	19.99		
Channel				26705	26865	27025	Tune-up limit	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.97	25.06	25.08	25.7	0
3	QPSK	1	8	24.98	25.04	25.05		
3	QPSK	1	14	24.86	24.98	24.97		
3	QPSK	8	0	23.86	24.10	23.91	24.7	1
3	QPSK	8	4	23.91	24.05	24.08		
3	QPSK	8	7	23.98	24.09	24.04		
3	QPSK	15	0	24.09	24.13	24.04		
3	16QAM	1	0	23.97	24.11	24.08	24.7	1
3	16QAM	1	8	23.94	24.08	24.13		
3	16QAM	1	14	23.88	23.94	23.95		
3	16QAM	8	0	22.97	23.23	23.08	23.7	2
3	16QAM	8	4	23.08	22.95	23.06		
3	16QAM	8	7	22.92	23.03	23.13		
3	16QAM	15	0	23.09	23.06	23.11		
3	64QAM	1	0	22.98	23.20	23.02	23.7	2
3	64QAM	1	8	23.09	22.90	22.98		
3	64QAM	1	14	22.83	23.00	22.98		
3	64QAM	8	0	22.09	22.21	21.94	22.7	3
3	64QAM	8	4	22.03	22.13	22.09		
3	64QAM	8	7	21.96	21.99	22.01		
3	64QAM	15	0	21.98	22.14	22.16		
3	256QAM	1	0	19.99	20.04	19.93	20.7	5
3	256QAM	1	8	19.98	20.05	20.03		
3	256QAM	1	14	19.94	20.17	19.94		
3	256QAM	8	0	20.02	20.15	20.15	20.7	5
3	256QAM	8	4	19.97	20.11	20.04		
3	256QAM	8	7	20.06	20.12	20.12		
3	256QAM	15	0	19.94	20.05	19.96		
Channel				26697	26865	27033	Tune-up limit	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.84	25.05	24.96	25.7	0
1.4	QPSK	1	3	24.85	24.92	24.87		
1.4	QPSK	1	5	24.87	24.90	24.91		
1.4	QPSK	3	0	24.78	24.95	24.93		
1.4	QPSK	3	1	24.69	24.85	24.79		
1.4	QPSK	3	3	24.80	24.85	24.74		
1.4	QPSK	6	0	24.02	24.07	23.94	24.7	1
1.4	16QAM	1	0	23.93	23.89	23.95	24.7	1
1.4	16QAM	1	3	23.96	23.94	23.94		
1.4	16QAM	1	5	23.80	23.89	23.88		
1.4	16QAM	3	0	23.83	24.05	23.84		
1.4	16QAM	3	1	23.88	23.72	23.82		
1.4	16QAM	3	3	23.89	23.92	23.72		
1.4	16QAM	6	0	22.89	23.06	22.93	23.7	2
1.4	64QAM	1	0	22.88	22.97	22.98	23.7	2
1.4	64QAM	1	3	23.03	22.88	22.91		
1.4	64QAM	1	5	22.82	22.97	22.93		
1.4	64QAM	3	0	22.85	23.01	22.85		
1.4	64QAM	3	1	22.68	22.90	22.83		
1.4	64QAM	3	3	22.89	22.81	22.83		
1.4	64QAM	6	0	21.92	22.02	22.07	22.7	3
1.4	256QAM	1	0	19.86	19.98	19.94	20.7	5
1.4	256QAM	1	3	19.83	19.92	20.02		
1.4	256QAM	1	5	19.87	19.98	19.89		
1.4	256QAM	3	0	19.94	20.11	19.93		
1.4	256QAM	3	1	19.81	19.97	19.93		
1.4	256QAM	3	3	19.94	20.00	19.93		
1.4	256QAM	6	0	19.76	19.97	19.82	20.7	5

GSM850 Ant1 ECI1

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	30.65	30.56	32.00	21.54	21.65	21.56	23.00
GPRS 1 Tx slot	30.48	30.52	30.38	32.00	21.48	21.52	21.38	23.00
GPRS 2 Tx slots	27.52	27.64	27.51	29.00	21.52	21.64	21.51	23.00
GPRS 3 Tx slots	25.82	25.97	25.83	27.20	21.56	21.71	21.57	22.94
GPRS 4 Tx slots	24.58	24.61	24.50	26.00	21.58	21.61	21.50	23.00
EDGE 1 Tx slot	24.35	24.40	24.42	26.00	15.35	15.40	15.42	17.00
EDGE 2 Tx slots	21.33	21.28	21.24	23.00	15.33	15.28	15.24	17.00
EDGE 3 Tx slots	19.49	19.50	19.39	21.20	15.23	15.24	15.13	16.94
EDGE 4 Tx slots	18.30	18.29	18.18	20.00	15.30	15.29	15.18	17.00

WCDMA V Ant1 ECI1

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	20.95	21.14	21.01	22.50
3GPP Rel 99	RMC 12.2Kbps	21.14	21.19	21.11	22.50
3GPP Rel 6	HSDPA Subtest-1	20.09	20.12	20.07	21.50
3GPP Rel 6	HSDPA Subtest-2	20.15	20.12	20.02	21.50
3GPP Rel 6	HSDPA Subtest-3	19.58	19.62	19.64	21.00
3GPP Rel 6	HSDPA Subtest-4	19.61	19.69	19.60	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	20.04	20.07	20.04	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	20.11	20.12	19.99	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.58	19.62	19.61	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.63	19.57	19.52	21.00
3GPP Rel 6	HSUPA Subtest-1	20.08	20.21	20.14	21.50
3GPP Rel 6	HSUPA Subtest-2	18.12	18.15	18.09	19.50
3GPP Rel 6	HSUPA Subtest-3	19.10	19.19	19.10	20.50
3GPP Rel 6	HSUPA Subtest-4	18.04	18.06	18.07	19.50
3GPP Rel 6	HSUPA Subtest-5	20.05	20.16	20.10	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.55	17.60	17.57	19.00

Band 5 Ant1 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.50	22.53	22.43	23.2	0
10	QPSK	1	25	22.25	22.52	22.29		
10	QPSK	1	49	22.36	22.46	22.29		
10	QPSK	25	0	22.37	22.52	22.33	23.2	0
10	QPSK	25	12	22.17	22.45	22.25		
10	QPSK	25	25	22.29	22.45	22.18		
10	QPSK	50	0	22.42	22.51	22.36		
10	16QAM	1	0	22.46	22.48	22.32	23.2	0
10	16QAM	1	25	22.18	22.46	22.18		
10	16QAM	1	49	22.26	22.47	22.19		
10	16QAM	25	0	22.39	22.43	22.33	23.2	0
10	16QAM	25	12	22.17	22.48	22.19		
10	16QAM	25	25	22.34	22.46	22.16		
10	16QAM	50	0	22.24	22.42	22.25		
10	64QAM	1	0	22.10	22.32	22.14	23.2	0
10	64QAM	1	25	22.26	22.41	22.15		
10	64QAM	1	49	22.28	22.37	22.26		
10	64QAM	25	0	21.96	22.07	21.95	22.7	0.5
10	64QAM	25	12	21.70	22.01	21.79		
10	64QAM	25	25	21.86	22.09	21.82		
10	64QAM	50	0	21.84	22.04	21.84		
10	256QAM	1	0	20.01	20.02	19.97	20.7	2.5
10	256QAM	1	25	19.71	19.97	19.83		
10	256QAM	1	49	19.86	20.05	19.81		
10	256QAM	25	0	19.90	20.06	19.79	20.7	2.5
10	256QAM	25	12	19.73	19.93	19.79		
10	256QAM	25	25	19.78	19.98	19.68		
10	256QAM	50	0	19.91	20.07	19.83		
Channel				20425	20525	20625	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.42	22.50	22.39	23.2	0
5	QPSK	1	12	22.11	22.48	22.16		
5	QPSK	1	24	22.27	22.46	22.26		
5	QPSK	12	0	22.24	22.43	22.23	23.2	0
5	QPSK	12	7	22.15	22.36	22.18		
5	QPSK	12	13	22.19	22.42	22.14		
5	QPSK	25	0	22.29	22.42	22.27		
5	16QAM	1	0	22.38	22.44	22.20	23.2	0
5	16QAM	1	12	22.05	22.44	22.15		
5	16QAM	1	24	22.21	22.33	22.12		
5	16QAM	12	0	22.30	22.36	22.21	23.2	0
5	16QAM	12	7	22.08	22.44	22.14		
5	16QAM	12	13	22.21	22.41	22.13		
5	16QAM	25	0	22.17	22.40	22.15		
5	64QAM	1	0	21.97	22.23	22.01	23.2	0
5	64QAM	1	12	22.20	22.32	22.13		
5	64QAM	1	24	22.19	22.25	22.13		
5	64QAM	12	0	21.88	21.95	21.84	22.7	0.5
5	64QAM	12	7	21.59	21.89	21.67		
5	64QAM	12	13	21.81	22.05	21.78		
5	64QAM	25	0	21.73	21.99	21.80		
5	256QAM	1	0	19.90	19.92	19.86	20.7	2.5
5	256QAM	1	12	19.58	19.90	19.77		
5	256QAM	1	24	19.75	19.99	19.72		
5	256QAM	12	0	19.85	20.03	19.72	20.7	2.5
5	256QAM	12	7	19.62	19.88	19.66		
5	256QAM	12	13	19.71	19.92	19.62		
5	256QAM	25	0	19.84	20.00	19.81		
Channel				20415	20525	20635	Tune-up limit	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.38	22.44	22.35	23.2	0
3	QPSK	1	8	22.16	22.47	22.26		
3	QPSK	1	14	22.31	22.48	22.17		
3	QPSK	8	0	22.25	22.39	22.28	23.2	0
3	QPSK	8	4	22.06	22.39	22.18		
3	QPSK	8	7	22.16	22.40	22.14		
3	QPSK	15	0	22.30	22.48	22.30		
3	16QAM	1	0	22.38	22.43	22.21	23.2	0
3	16QAM	1	8	22.07	22.33	22.07		
3	16QAM	1	14	22.16	22.36	22.08		
3	16QAM	8	0	22.32	22.32	22.23	23.2	0
3	16QAM	8	4	22.12	22.37	22.12		
3	16QAM	8	7	22.21	22.34	22.10		
3	16QAM	15	0	22.19	22.28	22.13		
3	64QAM	1	0	22.04	22.29	22.11	23.2	0
3	64QAM	1	8	22.15	22.31	22.11		
3	64QAM	1	14	22.20	22.33	22.24		
3	64QAM	8	0	21.90	22.00	21.86	22.7	0.5
3	64QAM	8	4	21.60	21.88	21.70		
3	64QAM	8	7	21.81	22.04	21.72		
3	64QAM	15	0	21.77	21.98	21.76		
3	256QAM	1	0	19.97	19.96	19.86	20.7	2.5
3	256QAM	1	8	19.63	19.89	19.77		
3	256QAM	1	14	19.81	19.94	19.79		
3	256QAM	8	0	19.79	19.96	19.76	20.7	2.5
3	256QAM	8	4	19.65	19.94	19.72		
3	256QAM	8	7	19.74	19.87	19.55		
3	256QAM	15	0	19.88	19.97	19.73		
Channel				20407	20525	20643	Tune-up limit	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.42	22.49	22.37	23.2	0
1.4	QPSK	1	3	22.21	22.48	22.23		
1.4	QPSK	1	5	22.31	22.43	22.25		
1.4	QPSK	3	0	22.27	22.46	22.20		
1.4	QPSK	3	1	22.05	22.34	22.15		
1.4	QPSK	3	3	22.27	22.43	22.12		
1.4	QPSK	6	0	22.32	22.49	22.27	23.2	0
1.4	16QAM	1	0	22.37	22.34	22.25	23.2	0
1.4	16QAM	1	3	22.06	22.40	22.08		
1.4	16QAM	1	5	22.18	22.45	22.06		
1.4	16QAM	3	0	22.36	22.30	22.29		
1.4	16QAM	3	1	22.12	22.36	22.05		
1.4	16QAM	3	3	22.26	22.40	22.13		
1.4	16QAM	6	0	22.11	22.34	22.12	23.2	0
1.4	64QAM	1	0	22.07	22.25	22.01	23.2	0
1.4	64QAM	1	3	22.17	22.29	22.11		
1.4	64QAM	1	5	22.22	22.28	22.17		
1.4	64QAM	3	0	21.96	22.17	21.95		
1.4	64QAM	3	1	22.14	22.16	22.08		
1.4	64QAM	3	3	22.14	22.24	22.13		
1.4	64QAM	6	0	21.72	21.96	21.76	22.7	0.5
1.4	256QAM	1	0	19.89	19.97	19.88	20.7	2.5
1.4	256QAM	1	3	19.64	19.90	19.76		
1.4	256QAM	1	5	19.79	20.01	19.71		
1.4	256QAM	3	0	19.79	19.97	19.69		
1.4	256QAM	3	1	19.63	19.80	19.66		
1.4	256QAM	3	3	19.71	19.86	19.64		
1.4	256QAM	6	0	19.86	20.01	19.74	20.7	2.5

Band 26 Ant1 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.96	22.10	21.95	22.7	0
15	QPSK	1	37	21.87	22.02	21.87		
15	QPSK	1	74	21.90	21.98	21.82		
15	QPSK	36	0	21.87	22.05	21.93	22.7	0
15	QPSK	36	20	21.79	21.98	21.80		
15	QPSK	36	39	21.83	21.86	21.69		
15	QPSK	75	0	21.94	22.02	21.87		
15	16QAM	1	0	21.89	22.02	21.90	22.7	0
15	16QAM	1	37	21.79	21.96	21.81		
15	16QAM	1	74	21.84	21.92	21.71		
15	16QAM	36	0	21.86	21.96	21.93	22.7	0
15	16QAM	36	20	21.74	21.89	21.74		
15	16QAM	36	39	21.83	21.85	21.79		
15	16QAM	75	0	21.78	21.95	21.83		
15	64QAM	1	0	21.73	21.86	21.77	22.7	0
15	64QAM	1	37	21.73	21.80	21.55		
15	64QAM	1	74	21.84	21.89	21.78		
15	64QAM	36	0	21.88	21.97	21.85	22.7	0
15	64QAM	36	20	21.74	21.99	21.77		
15	64QAM	36	39	21.77	21.95	21.75		
15	64QAM	75	0	21.82	21.95	21.83		
15	256QAM	1	0	19.91	20.05	19.91	20.7	2
15	256QAM	1	37	19.81	20.07	19.83		
15	256QAM	1	74	19.95	19.94	19.80		
15	256QAM	36	0	19.92	20.08	19.88	20.7	2
15	256QAM	36	20	19.75	19.93	19.74		
15	256QAM	36	39	19.87	19.90	19.71		
15	256QAM	75	0	19.94	20.06	19.88		
Channel				26740	26865	26990	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.83	22.08	21.85	22.7	0
10	QPSK	1	25	21.80	21.89	21.76		
10	QPSK	1	49	21.83	21.88	21.70		
10	QPSK	25	0	21.83	21.91	21.87	22.7	0
10	QPSK	25	12	21.75	21.90	21.77		
10	QPSK	25	25	21.75	21.75	21.59		
10	QPSK	50	0	21.84	21.90	21.75		
10	16QAM	1	0	21.78	21.99	21.86	22.7	0
10	16QAM	1	25	21.69	21.83	21.73		
10	16QAM	1	49	21.81	21.87	21.65		
10	16QAM	25	0	21.76	21.90	21.84	22.7	0
10	16QAM	25	12	21.70	21.84	21.71		
10	16QAM	25	25	21.70	21.73	21.69		
10	16QAM	50	0	21.72	21.92	21.77		
10	64QAM	1	0	21.67	21.84	21.68	22.7	0
10	64QAM	1	25	21.61	21.69	21.42		
10	64QAM	1	49	21.80	21.85	21.71		
10	64QAM	25	0	21.75	21.90	21.72	22.7	0
10	64QAM	25	12	21.70	21.88	21.69		
10	64QAM	25	25	21.72	21.90	21.69		
10	64QAM	50	0	21.74	21.90	21.77		
10	256QAM	1	0	19.84	20.00	19.83	20.7	2
10	256QAM	1	25	19.68	19.94	19.71		
10	256QAM	1	49	19.88	19.85	19.70		
10	256QAM	25	0	19.82	20.01	19.78	20.7	2
10	256QAM	25	12	19.61	19.91	19.61		
10	256QAM	25	25	19.82	19.77	19.61		
10	256QAM	50	0	19.83	19.94	19.78		
Channel				26715	26865	27015	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.87	22.04	21.84	22.7	0
5	QPSK	1	12	21.83	21.91	21.83		
5	QPSK	1	24	21.77	21.90	21.76		
5	QPSK	12	0	21.83	21.97	21.81	22.7	0
5	QPSK	12	7	21.70	21.91	21.68		
5	QPSK	12	13	21.70	21.84	21.64		
5	QPSK	25	0	21.83	21.88	21.82		
5	16QAM	1	0	21.83	21.97	21.79	22.7	0
5	16QAM	1	12	21.76	21.86	21.76		
5	16QAM	1	24	21.75	21.84	21.66		
5	16QAM	12	0	21.78	21.84	21.82	22.7	0
5	16QAM	12	7	21.64	21.77	21.64		
5	16QAM	12	13	21.69	21.76	21.74		
5	16QAM	25	0	21.72	21.93	21.76		
5	64QAM	1	0	21.61	21.76	21.66	22.7	0
5	64QAM	1	12	21.59	21.68	21.42		
5	64QAM	1	24	21.76	21.77	21.76		
5	64QAM	12	0	21.65	21.89	21.78	22.7	0
5	64QAM	12	7	21.67	21.95	21.66		
5	64QAM	12	13	21.72	21.82	21.72		
5	64QAM	25	0	21.71	21.85	21.71		
5	256QAM	1	0	19.85	19.97	19.80	20.7	2
5	256QAM	1	12	19.78	20.00	19.69		
5	256QAM	1	24	19.85	19.83	19.70		
5	256QAM	12	0	19.88	20.02	19.78	20.7	2
5	256QAM	12	7	19.63	19.91	19.68		
5	256QAM	12	13	19.84	19.87	19.64		
5	256QAM	25	0	19.86	20.01	19.78		
Channel				26705	26865	27025	Tune-up limit	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.92	22.00	21.87	22.7	0
3	QPSK	1	8	21.74	21.92	21.75		
3	QPSK	1	14	21.80	21.89	21.74		
3	QPSK	8	0	21.80	22.03	21.87	22.7	0
3	QPSK	8	4	21.75	21.96	21.78		
3	QPSK	8	7	21.69	21.75	21.62		
3	QPSK	15	0	21.91	21.90	21.85		
3	16QAM	1	0	21.79	21.94	21.79	22.7	0
3	16QAM	1	8	21.75	21.89	21.68		
3	16QAM	1	14	21.79	21.86	21.58		
3	16QAM	8	0	21.78	21.86	21.81	22.7	0
3	16QAM	8	4	21.68	21.83	21.65		
3	16QAM	8	7	21.75	21.71	21.70		
3	16QAM	15	0	21.65	21.92	21.72		
3	64QAM	1	0	21.60	21.75	21.67	22.7	0
3	64QAM	1	8	21.59	21.77	21.46		
3	64QAM	1	14	21.79	21.82	21.69		
3	64QAM	8	0	21.86	21.84	21.75	22.7	0
3	64QAM	8	4	21.62	21.97	21.68		
3	64QAM	8	7	21.68	21.90	21.63		
3	64QAM	15	0	21.76	21.89	21.73		
3	256QAM	1	0	19.83	20.01	19.83	20.7	2
3	256QAM	1	8	19.68	19.97	19.76		
3	256QAM	1	14	19.81	19.90	19.73		
3	256QAM	8	0	19.90	19.94	19.83	20.7	2
3	256QAM	8	4	19.63	19.84	19.67		
3	256QAM	8	7	19.85	19.85	19.68		
3	256QAM	15	0	19.89	19.96	19.84		
Channel				26697	26865	27033	Tune-up limit	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.90	22.07	21.90	22.7	0
1.4	QPSK	1	3	21.74	21.95	21.79		
1.4	QPSK	1	5	21.79	21.87	21.68		
1.4	QPSK	3	0	21.80	21.92	21.80		
1.4	QPSK	3	1	21.71	21.94	21.71		
1.4	QPSK	3	3	21.71	21.76	21.66		
1.4	QPSK	6	0	21.85	22.00	21.78	22.7	0
1.4	16QAM	1	0	21.75	21.99	21.79	22.7	0
1.4	16QAM	1	3	21.67	21.84	21.74		
1.4	16QAM	1	5	21.71	21.90	21.61		
1.4	16QAM	3	0	21.77	21.88	21.90		
1.4	16QAM	3	1	21.70	21.86	21.64		
1.4	16QAM	3	3	21.70	21.74	21.73		
1.4	16QAM	6	0	21.65	21.93	21.76	22.7	0
1.4	64QAM	1	0	21.71	21.72	21.67	22.7	0
1.4	64QAM	1	3	21.70	21.69	21.51		
1.4	64QAM	1	5	21.78	21.86	21.69		
1.4	64QAM	3	0	21.76	21.95	21.82		
1.4	64QAM	3	1	21.68	21.95	21.72		
1.4	64QAM	3	3	21.64	21.85	21.64		
1.4	64QAM	6	0	21.72	21.87	21.73	22.7	0
1.4	256QAM	1	0	19.80	19.92	19.82	20.7	2
1.4	256QAM	1	3	19.67	20.04	19.78		
1.4	256QAM	1	5	19.87	19.88	19.75		
1.4	256QAM	3	0	19.83	20.06	19.82		
1.4	256QAM	3	1	19.70	19.84	19.69		
1.4	256QAM	3	3	19.81	19.81	19.67		
1.4	256QAM	6	0	19.82	20.01	19.78	20.7	2

GSM1900 Ant2 ECI1

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	29.94	30.09	29.97	31.00	20.94	21.09	20.97	22.00
GPRS 1 Tx slot	29.96	30.01	29.86	31.00	20.96	21.01	20.86	22.00
GPRS 2 Tx slots	27.13	27.25	27.15	28.00	21.13	21.25	21.15	22.00
GPRS 3 Tx slots	25.32	25.47	25.38	26.20	21.06	21.21	21.12	21.94
GPRS 4 Tx slots	24.06	24.14	24.06	25.00	21.06	21.14	21.06	22.00
EDGE 1 Tx slot	26.11	26.15	26.09	27.00	17.11	17.15	17.09	18.00
EDGE 2 Tx slots	23.14	23.10	23.06	24.00	17.14	17.10	17.06	18.00
EDGE 3 Tx slots	21.31	21.40	21.30	22.20	17.05	17.14	17.04	17.94
EDGE 4 Tx slots	20.08	20.17	20.11	21.00	17.08	17.17	17.11	18.00

WCDMA II Ant2 ECI1

WCDMA IV Ant2 ECI1

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.93	24.01	23.92	25.00	23.85	23.92	23.85	25.00
3GPP Rel 99	RMC 12.2Kbps	23.97	24.07	24.00	25.00	23.92	24.01	23.97	25.00
3GPP Rel 6	HSDPA Subtest-1	22.97	23.10	22.95	24.00	22.90	22.97	22.92	24.00
3GPP Rel 6	HSDPA Subtest-2	23.00	23.10	23.03	24.00	22.93	23.01	22.96	24.00
3GPP Rel 6	HSDPA Subtest-3	22.52	22.62	22.47	23.50	22.49	22.53	22.42	23.50
3GPP Rel 6	HSDPA Subtest-4	22.50	22.55	22.52	23.50	22.44	22.44	22.48	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.97	23.12	22.99	24.00	22.89	23.00	22.90	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.97	23.06	22.94	24.00	22.84	22.99	22.88	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.52	22.61	22.54	23.50	22.39	22.47	22.49	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.46	22.59	22.47	23.50	22.38	22.53	22.39	23.50
3GPP Rel 6	HSUPA Subtest-1	22.99	23.12	22.97	24.00	22.89	23.02	22.95	24.00
3GPP Rel 6	HSUPA Subtest-2	20.97	21.11	21.03	22.00	20.86	21.03	20.98	22.00
3GPP Rel 6	HSUPA Subtest-3	21.95	22.09	22.03	23.00	21.87	22.04	21.97	23.00
3GPP Rel 6	HSUPA Subtest-4	20.94	21.04	21.05	22.00	20.84	20.97	20.98	22.00
3GPP Rel 6	HSUPA Subtest-5	22.98	23.09	22.99	24.00	22.89	23.01	22.96	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.46	20.53	20.54	21.50	20.35	20.47	20.51	21.50

Band 2 Ant2 ECI1

BW [MHz]	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	24.50	24.54	24.48		
20	QPSK	1	49	24.45	24.51	24.43	25.5	0
20	QPSK	50	0	24.39	24.47	24.42		
20	QPSK	50	24	23.48	23.58	23.44		
20	QPSK	50	24	23.45	23.55	23.38	24.5	1
20	QPSK	50	50	23.35	23.48	23.48		
20	QPSK	100	0	23.46	23.53	23.48		
20	16QAM	1	0	23.48	23.50	23.52		
20	16QAM	1	49	23.47	23.51	23.45	24.5	1
20	16QAM	1	99	23.41	23.51	23.37		
20	16QAM	50	0	22.48	22.54	22.48		
20	16QAM	50	24	22.39	22.50	22.40	23.5	2
20	16QAM	50	50	22.33	22.53	22.45		
20	16QAM	100	0	22.49	22.49	22.54		
20	64QAM	1	0	22.48	22.51	22.47		
20	64QAM	1	49	22.52	22.56	22.50	23.5	2
20	64QAM	1	99	22.44	22.55	22.42		
20	64QAM	50	0	21.46	21.61	21.45		
20	64QAM	50	24	21.40	21.59	21.41	22.5	3
20	64QAM	50	50	21.41	21.50	21.43		
20	64QAM	100	0	21.51	21.53	21.47		
20	256QAM	1	0	19.51	19.57	19.41		
20	256QAM	1	49	19.44	19.49	19.36	20.5	5
20	256QAM	1	99	19.30	19.43	19.54		
20	256QAM	50	0	19.49	19.57	19.50		
20	256QAM	50	24	19.53	19.56	19.56	20.5	5
20	256QAM	50	50	19.53	19.49	19.47		
20	256QAM	100	0	19.41	19.55	19.40		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.36	24.41	24.36		
15	QPSK	1	37	24.38	24.42	24.39	25.5	0
15	QPSK	1	74	24.32	24.42	24.33		
15	QPSK	36	0	23.40	23.49	23.33		
15	QPSK	36	20	23.40	23.42	23.26	24.5	1
15	QPSK	36	39	23.29	23.37	23.44		
15	QPSK	75	0	23.37	23.50	23.46		
15	16QAM	1	0	23.40	23.40	23.50		
15	16QAM	1	37	23.34	23.43	23.32	24.5	1
15	16QAM	1	74	23.34	23.41	23.31		
15	16QAM	36	0	22.39	22.46	22.35		
15	16QAM	36	20	22.26	22.42	22.36	23.5	2
15	16QAM	36	39	22.31	22.40	22.40		
15	16QAM	75	0	22.41	22.38	22.47		
15	64QAM	1	0	22.39	22.49	22.37		
15	64QAM	1	37	22.49	22.45	22.40	23.5	2
15	64QAM	1	74	22.39	22.46	22.31		
15	64QAM	36	0	21.38	21.48	21.41		
15	64QAM	36	20	21.27	21.41	21.28	22.5	3
15	64QAM	36	39	21.36	21.37	21.31		
15	64QAM	75	0	21.42	21.47	21.34		
15	256QAM	1	0	19.48	19.52	19.36		
15	256QAM	1	37	19.41	19.40	19.26	20.5	5
15	256QAM	1	74	19.18	19.35	19.50		
15	256QAM	36	0	19.43	19.48	19.43		
15	256QAM	36	20	19.48	19.44	19.52	20.5	5
15	256QAM	36	39	19.51	19.44	19.33		
15	256QAM	75	0	19.36	19.47	19.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.39	24.40	24.45		
10	QPSK	1	25	24.38	24.45	24.34	25.5	0
10	QPSK	1	49	24.25	24.43	24.40		
10	QPSK	25	0	23.43	23.56	23.36		
10	QPSK	25	12	23.34	23.46	23.25	24.5	1
10	QPSK	25	25	23.31	23.43	23.44		
10	QPSK	50	0	23.33	23.49	23.45		
10	16QAM	1	0	23.36	23.39	23.49		
10	16QAM	1	25	23.44	23.45	23.33	24.5	1
10	16QAM	1	49	23.37	23.44	23.24		
10	16QAM	25	0	22.43	22.50	22.39		
10	16QAM	25	12	22.36	22.42	22.37	23.5	2
10	16QAM	25	25	22.27	22.46	22.34		
10	16QAM	50	0	22.39	22.42	22.51		
10	64QAM	1	0	22.44	22.43	22.36		
10	64QAM	1	25	22.46	22.43	22.44	23.5	2
10	64QAM	1	49	22.32	22.42	22.30		
10	64QAM	25	0	21.36	21.55	21.32		
10	64QAM	25	12	21.28	21.47	21.39	22.5	3
10	64QAM	25	25	21.31	21.48	21.30		
10	64QAM	50	0	21.43	21.41	21.36		
10	256QAM	1	0	19.48	19.45	19.34		
10	256QAM	1	25	19.38	19.44	19.31	20.5	5
10	256QAM	1	49	19.19	19.29	19.49		
10	256QAM	25	0	19.43	19.55	19.44		
10	256QAM	25	12	19.45	19.46	19.46	20.5	5
10	256QAM	25	25	19.51	19.38	19.35		
10	256QAM	50	0	19.34	19.49	19.35		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.37	24.46	24.45		
5	QPSK	1	12	24.39	24.44	24.36	25.5	0
5	QPSK	1	24	24.32	24.43	24.29		
5	QPSK	12	0	23.43	23.48	23.39		
5	QPSK	12	7	23.39	23.43	23.26	24.5	1
5	QPSK	12	13	23.29	23.37	23.39		
5	QPSK	25	0	23.33	23.49	23.39		
5	16QAM	1	0	23.35	23.36	23.39		
5	16QAM	1	12	23.35	23.49	23.34	24.5	1
5	16QAM	1	24	23.30	23.41	23.32		
5	16QAM	12	0	22.46	22.45	22.43		
5	16QAM	12	7	22.29	22.45	22.38	23.5	2
5	16QAM	12	13	22.19	22.49	22.36		
5	16QAM	25	0	22.43	22.38	22.44		
5	64QAM	1	0	22.37	22.44	22.37		
5	64QAM	1	12	22.45	22.42	22.36	23.5	2
5	64QAM	1	24	22.34	22.46	22.28		
5	64QAM	12	0	21.35	21.50	21.39		
5	64QAM	12	7	21.27	21.47	21.29	22.5	3
5	64QAM	12	13	21.35	21.38	21.40		
5	64QAM	25	0	21.42	21.50	21.38		
5	256QAM	1	0	19.37	19.46	19.28		
5	256QAM	1	12	19.38	19.38	19.32	20.5	5
5	256QAM	1	24	19.25	19.36	19.48		
5	256QAM	12	0	19.36	19.50	19.41		
5	256QAM	12	7	19.51	19.45	19.48	20.5	5
5	256QAM	12	13	19.42	19.34	19.44		
5	256QAM	25	0	19.33	19.53	19.32		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.39	24.49	24.40		
3	QPSK	1	8	24.35	24.42	24.31	25.5	0
3	QPSK	1	14	24.25	24.45	24.32		
3	QPSK	8	0	23.38	23.53	23.33		
3	QPSK	8	4	23.37	23.46	23.27	24.5	1
3	QPSK	8	7	23.30	23.41	23.36		
3	QPSK	15	0	23.37	23.46	23.45		
3	16QAM	1	0	23.38	23.39	23.43		
3	16QAM	1	8	23.41	23.45	23.40	24.5	1
3	16QAM	1	14	23.27	23.41	23.35		
3	16QAM	8	0	22.38	22.43	22.35		
3	16QAM	8	4	22.35	22.47	22.28	23.5	2
3	16QAM	8	7	22.22	22.47	22.41		
3	16QAM	15	0	22.43	22.39	22.45		
3	64QAM	1	0	22.43	22.41	22.42		
3	64QAM	1	8	22.41	22.46	22.39	23.5	2
3	64QAM	1	14	22.31	22.43	22.35		
3	64QAM	8	0	21.37	21.48	21.41		
3	64QAM	8	4	21.29	21.56	21.32	22.5	3
3	64QAM	8	7	21.36	21.41	21.31		
3	64QAM	15	0	21.47	21.39	21.45		
3	256QAM	1	0	19.37	19.46	19.35		
3	256QAM	1	8	19.34	19.45	19.26	20.5	5
3	256QAM	1	14	19.19	19.36	19.46		
3	256QAM	8	0	19.40	19.48	19.43		
3	256QAM	8	4	19.43	19.52	19.45	20.5	5
3	256QAM	8	7	19.48	19.37	19.44		
3	256QAM	15	0	19.30	19.45	19.27		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.39	24.50	24.45		
1.4	QPSK	1	3	24.42	24.46	24.38		
1.4	QPSK	1	5	24.28	24.43	24.37	25.5	0
1.4	QPSK	3	0	24.34	24.44	24.33		
1.4	QPSK	3	1	24.28	24.42	24.32		
1.4	QPSK	3	3	24.23	24.30	24.34		
1.4	QPSK	6	0	23.42	23.50	23.44	24.5	1
1.4	16QAM	1	0	23.36	23.39	23.39		
1.4	16QAM	1	3	23.42	23.48	23.40		
1.4	16QAM	1	5	23.39	23.41	23.32	24.5	1
1.4	16QAM	3	0	23.36	23.47	23.31		
1.4	16QAM	3	1	23.24	23.27	23.31		
1.4	16QAM	3	3	23.34	23.43	23.35		
1.4	16QAM	6	0	22.41	22.47	22.44	23.5	2
1.4	64QAM	1	0	22.42	22.49	22.36		
1.4	64QAM	1	3	22.45	22.44	22.39		
1.4	64QAM	1	5	22.38	22.44	22.38	23.5	2
1.4	64QAM	3	0	22.27	22.44	22.35		
1.4	64QAM	3	1	22.35	22.39	22.34		
1.4	64QAM	3	3	22.36	22.34	22.35		
1.4	64QAM	6	0	21.47	21.42	21.44	22.5	3
1.4	256QAM	1	0	19.42	19.44	19.29		
1.4	256QAM	1	3	19.37	19.42	19.33		
1.4	256QAM	1	5	19.26	19.39	19.51	20.5	5
1.4	256QAM	3	0	19.39	19.51	19.41		
1.4	256QAM	3	1	19.45	19.47	19.52		
1.4	256QAM	3	3	19.47	19.40	19.37		
1.4	256QAM	6	0	19.28	19.50	19.33	20.5	5

Band 4 Ant2 ECI1

BW [MHz]	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	24.98	25.04	24.95		
20	QPSK	1	49	24.87	24.96	24.90	25.7	0
20	QPSK	50	0	24.90	24.92	24.93		
20	QPSK	50	24	23.94	24.06	23.99		
20	QPSK	50	24	23.83	23.94	23.92	24.7	1
20	QPSK	50	50	23.93	23.88	23.86		
20	QPSK	100	0	23.96	24.03	24.00		
20	16QAM	1	0	23.94	24.00	23.93		
20	16QAM	1	49	23.84	23.90	23.96	24.7	1
20	16QAM	1	99	23.89	23.99	23.85		
20	16QAM	50	0	22.92	23.05	22.93		
20	16QAM	50	24	22.82	22.89	22.93	23.7	2
20	16QAM	50	50	22.94	22.82	22.87		
20	16QAM	100	0	22.93	23.07	22.98		
20	64QAM	1	0	22.97	23.05	22.92		
20	64QAM	1	49	22.83	22.86	23.00	23.7	2
20	64QAM	1	99	22.94	22.99	22.80		
20	64QAM	50	0	21.89	22.08	21.97		
20	64QAM	50	24	21.86	21.99	21.91	22.7	3
20	64QAM	50	50	21.93	21.83	21.87		
20	64QAM	100	0	21.94	22.07	21.99		
20	256QAM	1	0	19.93	20.02	20.04		
20	256QAM	1	49	19.87	19.97	19.92	20.7	5
20	256QAM	1	99	19.91	19.83	19.91		
20	256QAM	50	0	19.92	20.06	20.02		
20	256QAM	50	24	19.92	19.95	19.88	20.7	5
20	256QAM	50	50	19.86	19.99	19.96		
20	256QAM	100	0	19.93	20.01	19.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.86	24.96	24.92		
15	QPSK	1	37	24.74	24.90	24.86	25.7	0
15	QPSK	1	74	24.82	24.89	24.80		
15	QPSK	36	0	23.91	24.02	23.91		
15	QPSK	36	20	23.78	23.90	23.83	24.7	1
15	QPSK	36	39	23.82	23.79	23.78		
15	QPSK	75	0	23.87	23.90	23.97		
15	16QAM	1	0	23.81	23.90	23.84		
15	16QAM	1	37	23.71	23.81	23.86	24.7	1
15	16QAM	1	74	23.81	23.82	23.81		
15	16QAM	36	0	22.82	22.92	22.82		
15	16QAM	36	20	22.80	22.79	22.80	23.7	2
15	16QAM	36	39	22.88	22.76	22.81		
15	16QAM	75	0	22.90	23.02	22.88		
15	64QAM	1	0	22.84	22.97	22.83		
15	64QAM	1	37	22.79	22.82	22.91	23.7	2
15	64QAM	1	74	22.81	22.88	22.75		
15	64QAM	36	0	21.82	21.97	21.94		
15	64QAM	36	20	21.72	21.90	21.85	22.7	3
15	64QAM	36	39	21.80	21.78	21.81		
15	64QAM	75	0	21.89	22.04	21.90		
15	256QAM	1	0	19.87	19.97	19.93		
15	256QAM	1	37	19.78	19.86	19.78	20.7	5
15	256QAM	1	74	19.80	19.81	19.83		
15	256QAM	36	0	19.86	19.97	19.92		
15	256QAM	36	20	19.80	19.87	19.77	20.7	5
15	256QAM	36	39	19.79	19.79	19.87		
15	256QAM	75	0	19.86	19.90	19.75		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.95	24.96	24.87		
10	QPSK	1	25	24.82	24.87	24.86	25.7	0
10	QPSK	1	49	24.77	24.91	24.74		
10	QPSK	25	0	23.90	24.01	23.91		
10	QPSK	25	12	23.71	23.82	23.82	24.7	1
10	QPSK	25	25	23.83	23.77	23.75		
10	QPSK	50	0	23.88	23.95	23.97		
10	16QAM	1	0	23.88	23.90	23.86		
10	16QAM	1	25	23.76	23.79	23.83	24.7	1
10	16QAM	1	49	23.86	23.92	23.75		
10	16QAM	25	0	22.89	22.97	22.82		
10	16QAM	25	12	22.78	22.76	22.86	23.7	2
10	16QAM	25	25	22.91	22.76	22.84		
10	16QAM	50	0	22.80	22.95	22.87		
10	64QAM	1	0	22.90	23.00	22.89		
10	64QAM	1	25	22.78	22.79	22.87	23.7	2
10	64QAM	1	49	22.84	22.94	22.74		
10	64QAM	25	0	21.85	21.95	21.91		
10	64QAM	25	12	21.84	21.85	21.81	22.7	3
10	64QAM	25	25	21.80	21.80	21.80		
10	64QAM	50	0	21.84	21.94	21.90		
10	256QAM	1	0	19.82	19.95	19.91		
10	256QAM	1	25	19.74	19.93	19.86	20.7	5
10	256QAM	1	49	19.81	19.81	19.77		
10	256QAM	25	0	19.81	19.98	19.89		
10	256QAM	25	12	19.85	19.85	19.80	20.7	5
10	256QAM	25	25	19.75	19.83	19.83		
10	256QAM	50	0	19.84	19.98	19.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.93	25.01	24.89		
5	QPSK	1	12	24.76	24.93	24.82	25.7	0
5	QPSK	1	24	24.80	24.88	24.81		
5	QPSK	12	0	23.90	23.97	23.85		
5	QPSK	12	7	23.69	23.88	23.80	24.7	1
5	QPSK	12	13	23.84	23.85	23.83		
5	QPSK	25	0	23.93	23.98	23.95		
5	16QAM	1	0	23.87	23.96	23.87		
5	16QAM	1	12	24.72	23.78	23.83	24.7	1
5	16QAM	1	24	23.80	23.86	23.73		
5	16QAM	12	0	22.79	22.93	22.86		
5	16QAM	12	7	22.78	22.86	22.91		
5	16QAM	12	13	22.86	22.72	22.82	23.7	2
5	16QAM	25	0	22.90	23.04	22.90		
5	64QAM	1	0	22.91	22.99	22.83		
5	64QAM	1	12	22.71	22.82	22.95	23.7	2
5	64QAM	1	24	22.81	22.94	22.76		
5	64QAM	12	0	21.84	21.99	21.92		
5	64QAM	12	7	21.81	21.87	21.94	22.7	3
5	64QAM	12	13	21.80	21.81	21.83		
5	64QAM	25	0	21.90	21.98	21.91		
5	256QAM	1	0	19.80	19.95	19.98		
5	256QAM	1	12	19.74	19.90	19.89	20.7	5
5	256QAM	1	24	19.88	19.80	19.89		
5	256QAM	12	0	19.92	20.03	19.92		
5	256QAM	12	7	19.90	19.91	19.75	20.7	5
5	256QAM	12	13	19.83	19.79	19.86		
5	256QAM	25	0	19.86	19.91	19.81		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.88	24.96	24.91		
3	QPSK	1	8	24.74	24.86	24.82	25.7	0
3	QPSK	1	14	24.79	24.90	24.82		
3	QPSK	8	0	23.90	24.02	23.93		
3	QPSK	8	4	23.80	23.90	23.84	24.7	1
3	QPSK	8	7	23.84	23.79	23.81		
3	QPSK	15	0	23.89	23.99	23.95		
3	16QAM	1	0	23.86	23.89	23.87		
3	16QAM	1	8	23.72	23.77	23.89	24.7	1
3	16QAM	1	14	23.76	23.93	23.79		
3	16QAM	8	0	22.85	23.01	22.88		
3	16QAM	8	4	22.75	22.79	22.84	23.7	2
3	16QAM	8	7	22.85	22.75	22.73		
3	16QAM	15	0	22.83	23.01	22.91		
3	64QAM	1	0	22.91	22.96	22.88		
3	64QAM	1	8	22.79	22.82	22.93	23.7	2
3	64QAM	1	14	22.92	22.91	22.75		
3	64QAM	8	0	21.81	21.96	21.95		
3	64QAM	8	4	21.82	21.85	21.87	22.7	3
3	64QAM	8	7	21.83	21.71	21.81		
3	64QAM	15	0	21.88	21.98	21.88		
3	256QAM	1	0	19.85	19.99	19.95		
3	256QAM	1	8	19.77	19.87	19.82	20.7	5
3	256QAM	1	14	19.89	19.75	19.77		
3	256QAM	8	0	19.82	20.03	19.89		
3	256QAM	8	4	19.90	19.90	19.82	20.7	5
3	256QAM	8	7	19.82	19.78	19.89		
3	256QAM	15	0	19.89	19.92	19.70		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.87	25.00	24.85		
1.4	QPSK	1	3	24.77	24.93	24.82		
1.4	QPSK	1	5	24.79	24.88	24.81	25.7	0
1.4	QPSK	3	0	24.76	24.94	24.79		
1.4	QPSK	3	1	24.75	24.81	24.69		
1.4	QPSK	3	3	24.75	24.85	24.69		
1.4	QPSK	6	0	23.87	23.93	23.97	24.7	1
1.4	16QAM	1	0	23.81	23.94	23.81		
1.4	16QAM	1	3	23.72	23.84	23.84		
1.4	16QAM	1	5	23.77	23.85	23.72	24.7	1
1.4	16QAM	3	0	23.74	23.80	23.86		
1.4	16QAM	3	1	23.68	23.84	23.79		
1.4	16QAM	3	3	23.64	23.78	23.72		
1.4	16QAM	6	0	22.87	22.96	22.85	23.7	2
1.4	64QAM	1	0	22.86	22.94	22.86		
1.4	64QAM	1	3	22.71	22.76	22.87		
1.4	64QAM	1	5	22.81	22.90	22.70	23.7	2
1.4	64QAM	3	0	22.76	22.82	22.82		
1.4	64QAM	3	1	22.78	22.82	22.74		
1.4	64QAM	3	3	22.67	22.72	22.83		
1.4	64QAM	6	0	21.89	22.02	21.93	22.7	3
1.4	256QAM	1	0	19.82	19.89	19.96		
1.4	256QAM	1	3	19.79	19.84	19.80		
1.4	256QAM	1	5	19.79	19.75	19.77	20.7	5
1.4	256QAM	3	0	19.79	20.02	19.99		
1.4	256QAM	3	1	19.80	19.92	19.83		
1.4	256QAM	3	3	19.72	19.82	19.86		
1.4	256QAM	6	0	19.81	19.99	19.74	20.7	5

Band 7 Ant2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	25.08	25.10	24.97		
20	QPSK	1	49	24.97	25.05	24.93	25.7	0
20	QPSK	50	0	23.11	23.09	22.89		
20	QPSK	50	0	24.05	24.13	23.94		
20	QPSK	50	24	23.93	24.04	23.98	24.7	1
20	QPSK	50	50	23.99	23.95	23.91		
20	QPSK	100	0	24.07	24.11	23.96		
20	16QAM	1	0	24.07	24.08	23.92		
20	16QAM	1	49

Band 38 Ant2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.88	24.94	24.85	25.7	0
20	QPSK	1	49	24.78	24.92	24.72		
20	QPSK	1	99	24.78	24.89	24.73		
20	QPSK	50	0	23.85	23.96	23.80	24.7	1
20	QPSK	50	24	23.84	23.92	23.70		
20	QPSK	50	50	23.80	23.88	23.74		
20	QPSK	100	0	23.91	23.94	23.81		
20	16QAM	1	0	23.91	23.92	23.88	24.7	1
20	16QAM	1	49	23.73	23.88	23.72		
20	16QAM	1	99	23.82	23.87	23.71		
20	16QAM	50	0	22.83	23.00	22.74	23.7	2
20	16QAM	50	24	22.89	22.95	22.68		
20	16QAM	50	50	22.85	22.85	22.75		
20	16QAM	100	0	22.92	23.00	22.83		
20	64QAM	1	0	22.86	22.90	22.91	23.7	2
20	64QAM	1	49	22.73	22.93	22.72		
20	64QAM	1	99	22.87	22.92	22.76		
20	64QAM	50	0	21.84	21.91	21.78	22.7	3
20	64QAM	50	24	21.83	21.97	21.70		
20	64QAM	50	50	21.84	21.88	21.69		
20	64QAM	100	0	21.90	21.92	21.78		
20	256QAM	1	0	19.84	19.95	19.80	20.7	5
20	256QAM	1	49	19.89	19.87	19.76		
20	256QAM	1	99	19.78	19.87	19.70		
20	256QAM	50	0	19.92	19.89	19.83	20.7	5
20	256QAM	50	24	19.96	19.96	19.93		
20	256QAM	50	50	19.72	19.83	19.68		
20	256QAM	100	0	19.78	19.88	19.71		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.80	24.90	24.82	25.7	0
15	QPSK	1	37	24.67	24.79	24.61		
15	QPSK	1	74	24.65	24.83	24.66		
15	QPSK	36	0	23.77	23.87	23.74	24.7	1
15	QPSK	36	20	23.78	23.81	23.61		
15	QPSK	36	39	23.76	23.77	23.62		
15	QPSK	75	0	23.82	23.86	23.78		
15	16QAM	1	0	23.79	23.86	23.82	24.7	1
15	16QAM	1	37	23.68	23.84	23.62		
15	16QAM	1	74	23.74	23.83	23.66		
15	16QAM	36	0	22.75	22.92	22.67	23.7	2
15	16QAM	36	20	22.76	22.82	22.62		
15	16QAM	36	39	22.75	22.78	22.69		
15	16QAM	75	0	22.82	22.96	22.78		
15	64QAM	1	0	22.76	22.86	22.81	23.7	2
15	64QAM	1	37	22.65	22.80	22.59		
15	64QAM	1	74	22.74	22.81	22.70		
15	64QAM	36	0	21.76	21.84	21.68	22.7	3
15	64QAM	36	20	21.73	21.88	21.58		
15	64QAM	36	39	21.76	21.76	21.67		
15	64QAM	75	0	21.84	21.89	21.75		
15	256QAM	1	0	19.78	19.87	19.69	20.7	5
15	256QAM	1	37	19.86	19.78	19.66		
15	256QAM	1	74	19.64	19.83	19.62		
15	256QAM	36	0	19.86	19.79	19.76	20.7	5
15	256QAM	36	20	19.92	19.87	19.89		
15	256QAM	36	39	19.64	19.78	19.55		
15	256QAM	75	0	19.67	19.84	19.67		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.84	24.85	24.79	25.7	0
10	QPSK	1	25	24.75	24.84	24.67		
10	QPSK	1	49	24.73	24.87	24.65		
10	QPSK	25	0	23.81	23.88	23.75	24.7	1
10	QPSK	25	12	23.71	23.89	23.57		
10	QPSK	25	25	23.75	23.76	23.64		
10	QPSK	50	0	23.87	23.86	23.76		
10	16QAM	1	0	23.79	23.89	23.82	24.7	1
10	16QAM	1	25	23.71	23.80	23.63		
10	16QAM	1	49	23.70	23.78	23.65		
10	16QAM	25	0	22.73	22.88	22.66	23.7	2
10	16QAM	25	12	22.79	22.85	22.65		
10	16QAM	25	25	22.72	22.81	22.64		
10	16QAM	50	0	22.82	22.97	22.69		
10	64QAM	1	0	22.73	22.85	22.78	23.7	2
10	64QAM	1	25	22.63	22.84	22.70		
10	64QAM	1	49	22.80	22.79	22.65		
10	64QAM	25	0	21.81	21.83	21.73	22.7	3
10	64QAM	25	12	21.76	21.93	21.56		
10	64QAM	25	25	21.77	21.79	21.62		
10	64QAM	50	0	21.76	21.84	21.69		
10	256QAM	1	0	19.76	19.81	19.69	20.7	5
10	256QAM	1	25	19.80	19.82	19.73		
10	256QAM	1	49	19.72	19.73	19.67		
10	256QAM	25	0	19.82	19.80	19.71	20.7	5
10	256QAM	25	12	19.87	19.85	19.84		
10	256QAM	25	25	19.59	19.71	19.65		
10	256QAM	50	0	19.76	19.79	19.68		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.80	24.81	24.77	25.7	0
5	QPSK	1	12	24.72	24.89	24.59		
5	QPSK	1	24	24.71	24.78	24.69		
5	QPSK	12	0	23.79	23.91	23.78	24.7	1
5	QPSK	12	7	23.81	23.90	23.66		
5	QPSK	12	13	23.76	23.86	23.72		
5	QPSK	25	0	23.85	23.82	23.69		
5	16QAM	1	0	23.85	23.86	23.77	24.7	1
5	16QAM	1	12	23.63	23.81	23.66		
5	16QAM	1	24	23.80	23.80	23.62		
5	16QAM	12	0	22.80	22.89	22.69	23.7	2
5	16QAM	12	7	22.77	22.82	22.63		
5	16QAM	12	13	22.75	22.72	22.64		
5	16QAM	25	0	22.79	22.89	22.70		
5	64QAM	1	0	22.81	22.87	22.80	23.7	2
5	64QAM	1	12	22.59	22.90	22.64		
5	64QAM	1	24	22.74	22.86	22.73		
5	64QAM	12	0	21.80	21.84	21.68	22.7	3
5	64QAM	12	7	21.78	21.85	21.56		
5	64QAM	12	13	21.72	21.80	21.56		
5	64QAM	25	0	21.80	21.84	21.75		
5	256QAM	1	0	19.71	19.88	19.77	20.7	5
5	256QAM	1	12	19.85	19.84	19.69		
5	256QAM	1	24	19.69	19.83	19.59		
5	256QAM	12	0	19.83	19.87	19.79	20.7	5
5	256QAM	12	7	19.84	19.89	19.87		
5	256QAM	12	13	19.61	19.80	19.57		
5	256QAM	25	0	19.65	19.79	19.68		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.91	24.89	24.96	24.87	24.94	25.7	0
20	QPSK	1	49	24.80	24.78	24.93	24.73	24.85		
20	QPSK	1	99	24.81	24.80	24.92	24.76	24.89		
20	QPSK	50	0	23.91	23.86	24.00	23.90	23.88	24.7	1
20	QPSK	50	24	23.81	23.77	23.97	23.70	23.82		
20	QPSK	50	50	23.84	23.76	23.90	23.75	23.92		
20	QPSK	100	0	23.89	23.93	23.98	23.87	23.96		
20	16QAM	1	0	23.94	23.94	23.95	23.86	23.92	24.7	1
20	16QAM	1	49	23.75	23.83	23.94	23.73	23.82		
20	16QAM	1	99	23.78	23.83	23.92	23.77	23.91		
20	16QAM	50	0	22.92	22.89	23.01	22.95	22.83	23.7	2
20	16QAM	50	24	22.77	22.81	22.92	22.68	22.83		
20	16QAM	50	50	22.90	22.75	22.87	22.78	22.94		
20	16QAM	100	0	22.90	22.96	22.96	22.86	22.96		
20	64QAM	1	0	22.96	22.92	22.95	22.92	22.89	23.7	2
20	64QAM	1	49	22.79	22.80	22.92	22.77	22.76		
20	64QAM	1	99	22.80	22.88	22.88	22.72	22.93		
20	64QAM	50	0	21.89	21.86	22.05	21.88	21.86	22.7	3
20	64QAM	50	24	21.87	21.76	22.01	21.69	21.76		
20	64QAM	50	50	21.85	21.75	21.88	21.73	21.88		
20	64QAM	100	0	21.83	21.97	21.99	21.93	21.95		
20	256QAM	1	0	19.96	19.86	20.04	19.88	19.83	20.7	5
20	256QAM	1	49	19.87	19.81	19.99	19.74	19.88		
20	256QAM	1	99	19.80	19.76	19.88	19.76	19.86		
20	256QAM	50	0	19.87	19.93	19.92	19.86	19.97	20.7	5
20	256QAM	50	24	19.94	19.89	19.92	19.84	19.92		
20	256QAM	50	50	19.77	19.80	19.93	19.71	19.80		
20	256QAM	100	0	19.74	19.88	19.89	19.82	19.88		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.87	24.79	24.93	24.79	24.90	25.70	0
15	QPSK	1	37	24.67	24.64	24.86	24.59	24.81		
15	QPSK	1	74	24.77	24.68	24.88	24.70	24.80		
15	QPSK	36	0	23.85	23.77	23.98	23.82	23.81	24.7	1
15	QPSK	36	20	23.77	23.64	23.93	23.67	23.69		
15	QPSK	36	39	23.79	23.63	23.86	23.62	23.86		
15	QPSK	75	0	23.77	23.84	23.92	23.84	23.82		
15	16QAM	1	0	23.91	23.83	23.88	23.76	23.86	24.7	1
15	16QAM	1	37	23.64	23.73	23.89	23.65	23.71		
15	16QAM	1	74	23.71	23.76	23.90	23.66	23.78		
15	16QAM	36	0	22.81	22.85	22.91	22.92	22.75	23.7	2
15	16QAM	36	20	22.67	22.74	22.86	22.62	22.75		
15	16QAM	36	39	22.77	22.65	22.78	22.71	22.88		
15	16QAM	75	0	22.86	22.90	22.94	22.78	22.89		
15	64QAM	1	0	22.90	22.84	22.84	22.90	22.83	23.7	2
15	64QAM	1	37	22.71	22.76	22.85	22.68	22.62		
15	64QAM	1	74	22.70	22.76	22.80	22.60	22.88		
15	64QAM	36	0	21.81	21.75	21.99	21.84	21.80	22.7	3
15	64QAM	36	20	21.74	21.68	21.97	21.63	21.65		
15	64QAM	36	39	21.78	21.69	21.77	21.71	21.78		
15	64QAM	75	0	21.76	21.84	21.85	21.83	21.83		
15	256QAM	1	0	19.85	19.78	19.94	19.85	19.70	20.7	5
15	256QAM	1	37	19.74	19.69	19.94	19.61	19.77		
15	256QAM	1	74	19.73	19.63	19.79	19.63	19.78		
15	256QAM	36	0	19.75	19.88	19.89	19.79	19.84	20.7	5
15	256QAM	36	20	19.87	19.76	19.88	19.76	19.87		
15	256QAM	36	39	19.72	19.71	19.86	19.63	19.71		
15	256QAM	75	0	19.70	19.81	19.76	19.68	19.82		
Channel				39700	40150	40620	41090	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.77	24.84	24.83	24.82	24.86	25.70	0
10	QPSK	1	25	24.77	24.64	24.90	24.64	24.76		
10	QPSK	1	49	24.78	24.70	24.80	24.70	24.85		
10	QPSK	25	0	23.79	23.76	23.88	23.82	23.76	24.7	1
10	QPSK	25	12	23.71	23.67	23.88	23.67	23.79		
10	QPSK	25	25	23.76	23.65	23.79	23.68	23.86		
10	QPSK	50	0	23.82	23.91	23.90	23.73	23.82		
10	16QAM	1	0	23.91	23.81	23.84	23.73	23.79	24.7	1
10	16QAM	1	25	23.62	23.76	23.90	23.60	23.73		
10	16QAM	1	49	23.70	23.76	23.83	23.71	23.85		
10	16QAM	25	0	22.79	22.85	22.91	22.85	22.74	23.7	2
10	16QAM	25	12	22.69	22.75	22.82	22.55	22.75		
10	16QAM	25	25	22.87	22.70	22.78	22.74	22.82		
10	16QAM	50	0	22.83	22.93	22.90	22.74	22.87		
10	64QAM	1	0	22.84	22.85	22.91	22.82	22.81	23.7	2
10	64QAM	1	25	22.76	22.76	22.81	22.73	22.64		
10	64QAM	1	49	22.73	22.77	22.81	22.66	22.80		
10	64QAM	25	0	21.77	21.73	22.02	21.84	21.77	22.7	3
10	64QAM	25	12	21.83	21.65	21.91	21.67	21.64		
10	64QAM	25	25	21.74	21.72	21.78	21.63	21.80		
10	64QAM	50	0	21.73	21.87	21.89	21.84	21.85		
10	256QAM	1	0	19.84	19.72	20.00	19.86	19.78	20.7	5
10	256QAM	1	25	19.84	19.78	19.93	19.62	19.77		
10	256QAM	1	49	19.69	19.65	19.81	19.73	19.75		
10	256QAM	25	0	19.82	19.87	19.81	19.80	19.92	20.7	5
10	256QAM	25	12	19.81	19.79	19.88	19.82	19.80		
10	256QAM	25	25	19.67	19.70	19.81	19.60	19.66		
10	256QAM	50	0	19.62	19.74	19.79	19.80	19.82		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.77	24.82	24.92	24.85	24.89	25.70	0
5	QPSK	1	12	24.70	24.66	24.82	24.69	24.81		
5	QPSK	1	24	24.78	24.77	24.82	24.70	24.80		
5	QPSK	12	0	23.87	23.82	23.91	23.78	23.78	24.7	1
5	QPSK	12	7	23.70	23.64	23.88	23.65	23.70		
5	QPSK	12	13	23.72	23.65	23.84	23.70	23.88		
5	QPSK	25	0	23.83	23.83	23.95	23.72	23.88		
5	16QAM	1	0	23.82	23.87	23.84	23.77	23.86	24.7	1
5	16QAM	1	12	23.71	23.76	23.89	23.71	23.68		
5	16QAM	1	24	23.68	23.74	23.85	23.73	23.81		
5	16QAM	12	0	22.79	22.77	22.96	22.90	22.70	23.7	2
5	16QAM	12	7	22.66	22.68	22.86	22.58	22.70		
5	16QAM	12	13	22.78	22.73	22.78	22.67	22.88		
5	16QAM	25	0	22.86	22.92	22.85	22.72	22.93		
5	64QAM	1	0	22.90	22.89	22.84	22.85	22.86	23.7	2
5	64QAM	1	12	22.68	22.73	22.90	22.66	22.65		
5	64QAM	1	24	22.71	22.79	22.84	22.61	22.84		
5	64QAM	12	0	21.84	21.83	21.99	21.74	21.77	22.7	3
5	64QAM	12	7	21.79	21.67	21.98	21.67	21.71		
5	64QAM	12	13	21.73	21.71	21.76	21.68	21.74		
5	64QAM	25	0	21.74	21.92	21.96	21.83	21.84		
5	256QAM	1	0	19.83	19.73	19.97	19.83	19.75	20.7	5
5	256QAM	1	12	19.74	19.73	19.88	19.68	19.83		
5	256QAM	1	24	19.74	19.70	19.75	19.71	19.72		
5	256QAM	12	0	19.84	19.90	19.86	19.83	19.89	20.7	5
5	256QAM	12	7	19.91	19.79	19.85	19.76	19.84		
5	256QAM	12	13	19.70	19.72	19.84	19.58	19.67		
5	256QAM	25	0	19.62	19.78	19.86	19.69	19.79		

Band 2 Ant3 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.56	16.70	16.68		
20	QPSK	1	49	16.54	16.63	16.50	18	0
20	QPSK	1	99	16.46	16.58	16.53		
20	QPSK	50	0	16.53	16.67	16.64		
20	QPSK	50	24	16.50	16.59	16.43	18	0
20	QPSK	50	50	16.41	16.46	16.48		
20	QPSK	100	0	16.49	16.66	16.56		
20	16QAM	1	0	16.52	16.65	16.58		
20	16QAM	1	49	16.48	16.53	16.40	18	0
20	16QAM	1	99	16.40	16.47	16.49		
20	16QAM	50	0	16.42	16.57	16.65		
20	16QAM	50	24	16.43	16.59	16.39	18	0
20	16QAM	50	50	16.34	16.49	16.49		
20	16QAM	100	0	16.39	16.55	16.50		
20	64QAM	1	0	16.47	16.47	16.31		
20	64QAM	1	49	16.28	16.37	16.35	18	0
20	64QAM	1	99	16.42	16.60	16.44		
20	64QAM	50	0	16.44	16.60	16.54		
20	64QAM	50	24	16.47	16.55	16.40	18	0
20	64QAM	50	50	16.33	16.48	16.48		
20	64QAM	100	0	16.50	16.62	16.61		
20	256QAM	1	0	16.49	16.56	16.62		
20	256QAM	1	49	16.46	16.58	16.37	18	0
20	256QAM	1	99	16.40	16.46	16.45		
20	256QAM	50	0	16.46	16.59	16.53		
20	256QAM	50	24	16.37	16.51	16.34	18	0
20	256QAM	50	50	16.32	16.39	16.35		
20	256QAM	100	0	16.38	16.58	16.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.53	16.66	16.59		
15	QPSK	1	37	16.41	16.61	16.48	18	0
15	QPSK	1	74	16.39	16.45	16.49		
15	QPSK	36	0	16.49	16.57	16.57		
15	QPSK	36	20	16.41	16.54	16.39	18	0
15	QPSK	36	39	16.27	16.42	16.35		
15	QPSK	75	0	16.43	16.52	16.46		
15	16QAM	1	0	16.49	16.53	16.50		
15	16QAM	1	37	16.43	16.45	16.28	18	0
15	16QAM	1	74	16.36	16.33	16.40		
15	16QAM	36	0	16.34	16.49	16.63		
15	16QAM	36	20	16.30	16.49	16.36	18	0
15	16QAM	36	39	16.21	16.39	16.46		
15	16QAM	75	0	16.31	16.45	16.36		
15	64QAM	1	0	16.39	16.36	16.28		
15	64QAM	1	37	16.25	16.24	16.23	18	0
15	64QAM	1	74	16.28	16.54	16.39		
15	64QAM	36	0	16.31	16.52	16.52		
15	64QAM	36	20	16.44	16.48	16.32	18	0
15	64QAM	36	39	16.25	16.44	16.41		
15	64QAM	75	0	16.45	16.49	16.58		
15	256QAM	1	0	16.44	16.49	16.52		
15	256QAM	1	37	16.36	16.53	16.24	18	0
15	256QAM	1	74	16.29	16.39	16.38		
15	256QAM	36	0	16.37	16.49	16.40		
15	256QAM	36	20	16.25	16.42	16.30	18	0
15	256QAM	36	39	16.19	16.32	16.26		
15	256QAM	75	0	16.26	16.48	16.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.51	16.60	16.63		
10	QPSK	1	25	16.43	16.59	16.45	18	0
10	QPSK	1	49	16.41	16.49	16.45		
10	QPSK	25	0	16.51	16.63	16.60		
10	QPSK	25	12	16.38	16.53	16.34	18	0
10	QPSK	25	25	16.31	16.32	16.45		
10	QPSK	50	0	16.43	16.53	16.44		
10	16QAM	1	0	16.43	16.61	16.46		
10	16QAM	1	25	16.40	16.45	16.30	18	0
10	16QAM	1	49	16.36	16.44	16.38		
10	16QAM	25	0	16.39	16.44	16.62		
10	16QAM	25	12	16.41	16.57	16.31	18	0
10	16QAM	25	25	16.23	16.36	16.36		
10	16QAM	50	0	16.31	16.43	16.42		
10	64QAM	1	0	16.42	16.43	16.19		
10	64QAM	1	25	16.15	16.24	16.31	18	0
10	64QAM	1	49	16.29	16.48	16.37		
10	64QAM	25	0	16.37	16.56	16.41		
10	64QAM	25	12	16.44	16.49	16.37	18	0
10	64QAM	25	25	16.30	16.36	16.40		
10	64QAM	50	0	16.46	16.58	16.56		
10	256QAM	1	0	16.37	16.47	16.55		
10	256QAM	1	25	16.39	16.53	16.28	18	0
10	256QAM	1	49	16.31	16.34	16.34		
10	256QAM	25	0	16.33	16.48	16.46		
10	256QAM	25	12	16.34	16.44	16.31	18	0
10	256QAM	25	25	16.27	16.28	16.26		
10	256QAM	50	0	16.25	16.45	16.36		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.50	16.68	16.58		
5	QPSK	1	12	16.43	16.50	16.40	18	0
5	QPSK	1	24	16.38	16.50	16.44		
5	QPSK	12	0	16.43	16.56	16.59		
5	QPSK	12	7	16.40	16.48	16.31	18	0
5	QPSK	12	13	16.31	16.41	16.42		
5	QPSK	25	0	16.36	16.58	16.44		
5	16QAM	1	0	16.39	16.61	16.45		
5	16QAM	1	12	16.41	16.39	16.36	18	0
5	16QAM	1	24	16.26	16.38	16.37		
5	16QAM	12	0	16.38	16.48	16.58		
5	16QAM	12	7	16.38	16.48	16.31	18	0
5	16QAM	12	13	16.31	16.39	16.45		
5	16QAM	25	0	16.32	16.51	16.36		
5	64QAM	1	0	16.43	16.41	16.24		
5	64QAM	1	12	16.20	16.24	16.26	18	0
5	64QAM	1	24	16.39	16.49	16.33		
5	64QAM	12	0	16.35	16.52	16.48		
5	64QAM	12	7	16.41	16.43	16.38	18	0
5	64QAM	12	13	16.23	16.44	16.34		
5	64QAM	25	0	16.46	16.51	16.49		
5	256QAM	1	0	16.46	16.45	16.52		
5	256QAM	1	12	16.35	16.50	16.28	18	0
5	256QAM	1	24	16.26	16.37	16.35		
5	256QAM	12	0	16.41	16.50	16.41		
5	256QAM	12	7	16.27	16.46	16.31	18	0
5	256QAM	12	13	16.19	16.32	16.32		
5	256QAM	25	0	16.35	16.48	16.44		
Channel				18615	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.54	16.58	16.63		
3	QPSK	1	8	16.44	16.58	16.46	18	0
3	QPSK	1	14	16.37	16.47	16.43		
3	QPSK	8	0	16.51	16.65	16.51		
3	QPSK	8	4	16.39	16.49	16.34	18	0
3	QPSK	8	7	16.29	16.34	16.42		
3	QPSK	15	0	16.41	16.58	16.49		
3	16QAM	1	0	16.42	16.56	16.51		
3	16QAM	1	8	16.43	16.40	16.26	18	0
3	16QAM	1	14	16.32	16.36	16.43		
3	16QAM	8	0	16.30	16.44	16.63		
3	16QAM	8	4	16.29	16.51	16.28	18	0
3	16QAM	8	7	16.22	16.41	16.47		
3	16QAM	15	0	16.26	16.45	16.48		
3	64QAM	1	0	16.37	16.45	16.25		
3	64QAM	1	8	16.25	16.25	16.27	18	0
3	64QAM	1	14	16.31	16.48	16.33		
3	64QAM	8	0	16.33	16.48	16.48		
3	64QAM	8	4	16.36	16.51	16.36	18	0
3	64QAM	8	7	16.26	16.43	16.36		
3	64QAM	15	0	16.45	16.54	16.57		
3	256QAM	1	0	16.35	16.50	16.51		
3	256QAM	1	8	16.44	16.51	16.34	18	0
3	256QAM	1	14	16.29	16.35	16.38		
3	256QAM	8	0	16.35	16.57	16.42		
3	256QAM	8	4	16.34	16.46	16.25	18	0
3	256QAM	8	7	16.23	16.34	16.28		
3	256QAM	15	0	16.35	16.45	16.39		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.45	16.63	16.58		
1.4	QPSK	1	3	16.47	16.49	16.38	18	0
1.4	QPSK	1	5	16.37	16.51	16.49		
1.4	QPSK	3	0	16.45	16.63	16.62		
1.4	QPSK	3	1	16.37	16.57	16.35		
1.4	QPSK	3	3	16.32	16.35	16.40		
1.4	QPSK	6	0	16.36	16.58	16.46	18	0
1.4	16QAM	1	0	16.45	16.63	16.50		
1.4	16QAM	1	3	16.43	16.42	16.36		
1.4	16QAM	1	5	16.35	16.43	16.40	18	0
1.4	16QAM	3	0	16.28	16.44	16.52		
1.4	16QAM	3	1	16.29	16.56	16.30		
1.4	16QAM	3	3	16.30	16.45	16.47		
1.4	16QAM	6	0	16.36	16.51	16.43	18	0
1.4	64QAM	1	0	16.34	16.43	16.24		
1.4	64QAM	1	3	16.26	16.35	16.32		
1.4	64QAM	1	5	16.34	16.51	16.34	18	0
1.4	64QAM	3	0	16.33	16.49	16.49		
1.4	64QAM	3	1	16.36	16.41	16.27		
1.4	64QAM	3	3	16.19	16.37	16.45		
1.4	64QAM	6	0	16.41	16.57	16.57	18	0
1.4	256QAM	1	0	16.42	16.45	16.52		
1.4	256QAM	1	3	16.42	16.56	16.34		
1.4	256QAM	1	5	16.36	16.41	16.42	18	0
1.4	256QAM	3	0	16.38	16.53	16.48		
1.4	256QAM	3	1	16.30	16.46	16.25		
1.4	256QAM	3	3	16.20	16.26	16.30		
1.4	256QAM	6	0	16.31	16.49	16.46	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.58	18.66	18.62		
20	QPSK	1	49	18.35	18.54	18.50	20	0
20	QPSK	1	99	18.44	18.62	18.49		
20	QPSK	50	0	18.48	18.64	18.53		
20	QPSK	50	24	18.26	18.46	18.44	20	0
20	QPSK	50	50	18.36	18.53	18.40		
20	QPSK	100	0	18.46	18.63	18.52		
20	16QAM	1	0	18.44	18.60	18.48		
20	16QAM	1	49	18.25	18.47	18.43	20	0
20	16QAM	1	99	18.39	18.60	18.44		
20	16QAM	50	0	18.48	18.57	18.51		
20	16QAM	50	24	18.32	18.49	18.42	20	0
20	16QAM	50	50	18.35	18.59	18.43		
20	16QAM	100	0	18.45	18.53	18.49		
20	64QAM	1	0	18.21	18.43	18.32		
20	64QAM	1	49	18.28	18.40	18.27	20	0
20	64QAM	1	99	18.33	18.53	18.42		
20	64QAM	50	0	18.49	18.56	18.49		
20	64QAM	50	24	18.25	18.48	18.40	20	0
20	64QAM	50	50	18.34	18.54	18.40		
20	64QAM	100	0	18.34	18.52	18.46		
20	256QAM	1	0	18.50	18.55	18.48		
20	256QAM	1	49	18.28	18.40	18.40	20	0
20	256QAM	1	99	18.30	18.51	18.44		
20	256QAM	50	0	18.38	18.61	18.41		
20	256QAM	50	24	18.22	18.39	18.40	20	0
20	256QAM	50	50	18.29	18.49	18.35		
20	256QAM	100	0	18.35	18.54	18.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.50	18.60	18.50		
15	QPSK	1	37	18.22	18.43	18.46	20	0
15	QPSK	1	74	18.38	18.56	18.39		
15	QPSK	36	0	18.37	18.51	18.43		
15	QPSK	36	20	18.23	18.35	18.39	20	0
15	QPSK	36	39	18.25	18.42	18.26		
15	QPSK	75	0	18.42	18.59	18.44		
15	16QAM	1	0	18.35	18.46	18.35		
15	16QAM	1	37	18.16	18.39	18.36	20	0
15	16QAM	1	74	18.35	18.48	18.37		
15	16QAM	36	0	18.45	18.44	18.47		
15	16QAM	36	20	18.26	18.47	18.34	20	0
15	16QAM	36	39	18.28	18.50	18.40		
15	16QAM	75	0	18.41	18.43	18.36		
15	64QAM	1	0	18.10	18.40	18.21		
15	64QAM	1	37	18.26	18.33	18.18	20	0
15	64QAM	1	74	18.26	18.51	18.31		
15	64QAM	36	0	18.38	18.48	18.38		
15	64QAM	36	20	18.17	18.44	18.33	20	0
15	64QAM	36	39	18.23	18.44	18.27		
15	64QAM	75	0	18.24	18.45	18.37		
15	256QAM	1	0	18.46	18.43	18.39		
15	256QAM	1	37	18.23	18.31	18.28	20	0
15	256QAM	1	74	18.22	18.39	18.33		
15	256QAM	36	0	18.29	18.48	18.36		
15	256QAM	36	20	18.18	18.32	18.35	20	0
15	256QAM	36	39	18.21	18.44	18.24		
15	256QAM	75	0	18.24	18.49	18.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.45	18.52	18.55		
10	QPSK	1	25	18.31	18.43	18.45	20	0
10	QPSK	1	49	18.39	18.58	18.42		
10	QPSK	25	0	18.34	18.50	18.39		
10	QPSK	25	12	18.21	18.36	18.33	20	0
10	QPSK	25	25	18.25	18.44	18.30		
10	QPSK	50	0	18.38	18.60	18.44		
10	16QAM	1	0	18.30	18.49	18.39		
10	16QAM	1	25	18.16	18.36	18.35	20	0
10	16QAM	1	49	18.35	18.54	18.30		
10	16QAM	25	0	18.40	18.51	18.49		
10	16QAM	25	12	18.19	18.42	18.35	20	0
10	16QAM	25	25	18.23	18.48	18.36		
10	16QAM	50	0	18.36	18.49	18.45		
10	64QAM	1	0	18.18	18.38	18.22		
10	64QAM	1	25	18.21	18.34	18.19	20	0
10	64QAM	1	49	18.27	18.44	18.36		
10	64QAM	25	0	18.42	18.50	18.43		
10	64QAM	25	12	18.15	18.45	18.34	20	0
10	64QAM	25	25	18.28	18.49	18.36		
10	64QAM	50	0	18.30	18.43	18.41		
10	256QAM	1	0	18.40	18.52	18.44		
10	256QAM	1	25	18.20	18.27	18.26	20	0
10	256QAM	1	49	18.26	18.48	18.32		
10	256QAM	25	0	18.25	18.56	18.37		
10	256QAM	25	12	18.20	18.27	18.28	20	0
10	256QAM	25	25	18.26	18.44	18.33		
10	256QAM	50	0	18.27	18.42	18.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.55	18.53	18.51		
5	QPSK	1	12	18.23	18.43	18.45	20	0
5	QPSK	1	24	18.35	18.55	18.42		
5	QPSK	12	0	18.34	18.56	18.49		
5	QPSK	12	7	18.24	18.37	18.32	20	0
5	QPSK	12	13	18.32	18.43	18.38		
5	QPSK	25	0	18.41	18.57	18.45		
5	16QAM	1	0	18.40	18.50	18.43		
5	16QAM	1	12	18.12	18.40	18.34	20	0
5	16QAM	1	24	18.31	18.49	18.37		
5	16QAM	12	0	18.36	18.54	18.49		
5	16QAM	12	7	18.22	18.36	18.37	20	0
5	16QAM	12	13	18.21	18.52	18.38		
5	16QAM	25	0	18.38	18.42	18.41		
5	64QAM	1	0	18.13	18.34	18.19		
5	64QAM	1	12	18.22	18.37	18.18	20	0
5	64QAM	1	24	18.23	18.50	18.36		
5	64QAM	12	0	18.37	18.49	18.45		
5	64QAM	12	7	18.21	18.41	18.29	20	0
5	64QAM	12	13	18.21	18.44	18.35		
5	64QAM	25	0	18.22	18.42	18.35		
5	256QAM	1	0	18.37	18.47	18.43		
5	256QAM	1	12	18.16	18.34	18.33	20	0
5	256QAM	1	24	18.24	18.45	18.36		
5	256QAM	12	0	18.27	18.50	18.34		
5	256QAM	12	7	18.08	18.28	18.28	20	0
5	256QAM	12	13	18.23	18.46	18.29		
5	256QAM	25	0	18.22	18.42	18.35		

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BW [MHz]	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	19.10	19.17	19.05	20.5	0
20	QPSK	1	49	19.01	19.13	18.90		
20	QPSK	1	99	18.93	19.07	18.89		
20	QPSK	50	0	19.09	19.16	18.98	20.5	0
20	QPSK	50	24	18.90	19.07	18.86		
20	QPSK	50	50	18.86	19.06	18.88		
20	QPSK	100	0	19.07	19.11	19.10		
20	16QAM	1	0	19.05	19.07	18.98	20.5	0
20	16QAM	1	49	18.92	19.07	18.83		
20	16QAM	1	99	18.87	18.98	18.82		
20	16QAM	50	0	18.96	19.07	18.89	20.5	0
20	16QAM	50	24	18.86	19.04	18.74		
20	16QAM	50	50	18.77	19.02	18.75		
20	16QAM	100	0	18.94	18.97	19.03		
20	64QAM	1	0	18.99	19.07	18.92	20.5	0
20	64QAM	1	49	18.97	19.07	18.88		
20	64QAM	1	99	18.87	18.93	18.86		
20	64QAM	50	0	19.02	19.14	18.93	20.5	0
20	64QAM	50	24	18.79	18.94	18.84		
20	64QAM	50	50	18.77	19.04	18.80		
20	64QAM	100	0	19.01	19.01	19.00		
20	256QAM	1	0	19.02	19.08	19.02	20.5	0
20	256QAM	1	49	18.92	19.05	18.80		
20	256QAM	1	99	18.88	18.97	18.87		
20	256QAM	50	0	18.99	19.04	18.91	20.5	0
20	256QAM	50	24	18.80	18.96	18.82		
20	256QAM	50	50	18.78	18.92	18.84		
20	256QAM	100	0	18.98	19.05	18.97		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.03	19.06	18.98	20.5	0
15	QPSK	1	37	18.91	19.02	18.86		
15	QPSK	1	74	18.91	18.96	18.86		
15	QPSK	36	0	19.03	19.13	18.92	20.5	0
15	QPSK	36	20	18.86	19.04	18.77		
15	QPSK	36	39	18.76	18.97	18.78		
15	QPSK	75	0	18.98	19.01	18.99		
15	16QAM	1	0	18.94	19.04	18.91	20.5	0
15	16QAM	1	37	18.80	18.96	18.71		
15	16QAM	1	74	18.85	18.92	18.71		
15	16QAM	36	0	18.91	19.00	18.94	20.5	0
15	16QAM	36	20	18.75	18.99	18.71		
15	16QAM	36	39	18.68	18.99	18.72		
15	16QAM	75	0	18.88	18.91	18.92		
15	64QAM	1	0	18.92	19.02	18.84	20.5	0
15	64QAM	1	37	18.91	18.94	18.84		
15	64QAM	1	74	18.83	18.88	18.83		
15	64QAM	36	0	18.94	19.06	18.86	20.5	0
15	64QAM	36	20	18.68	18.91	18.76		
15	64QAM	36	39	18.67	18.91	18.67		
15	64QAM	75	0	18.97	18.97	18.98		
15	256QAM	1	0	18.92	19.01	18.89	20.5	0
15	256QAM	1	37	18.85	18.94	18.72		
15	256QAM	1	74	18.83	18.84	18.78		
15	256QAM	36	0	18.94	18.95	18.79	20.5	0
15	256QAM	36	20	18.74	18.90	18.78		
15	256QAM	36	39	18.72	18.78	18.81		
15	256QAM	75	0	18.93	18.93	18.84		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.06	19.07	18.94	20.5	0
10	QPSK	1	25	18.88	19.11	18.84		
10	QPSK	1	49	18.90	18.93	18.80		
10	QPSK	25	0	19.00	19.13	18.89	20.5	0
10	QPSK	25	12	18.86	19.01	18.82		
10	QPSK	25	25	18.76	18.95	18.82		
10	QPSK	50	0	18.97	18.98	18.99		
10	16QAM	1	0	18.93	19.00	18.89	20.5	0
10	16QAM	1	25	18.86	19.05	18.89		
10	16QAM	1	49	18.74	18.91	18.74		
10	16QAM	25	0	18.84	19.00	18.80	20.5	0
10	16QAM	25	12	18.83	18.97	18.72		
10	16QAM	25	25	18.65	18.99	18.72		
10	16QAM	50	0	18.84	18.89	18.91		
10	64QAM	1	0	18.93	18.96	18.78	20.5	0
10	64QAM	1	25	18.91	19.02	18.83		
10	64QAM	1	49	18.75	18.80	18.81		
10	64QAM	25	0	18.97	19.04	18.82	20.5	0
10	64QAM	25	12	18.73	18.84	18.73		
10	64QAM	25	25	18.74	19.01	18.74		
10	64QAM	50	0	18.96	18.96	18.98		
10	256QAM	1	0	18.94	18.99	18.89	20.5	0
10	256QAM	1	25	18.87	18.99	18.74		
10	256QAM	1	49	18.84	18.91	18.78		
10	256QAM	25	0	18.95	18.95	18.79	20.5	0
10	256QAM	25	12	18.77	18.93	18.74		
10	256QAM	25	25	18.75	18.87	18.71		
10	256QAM	50	0	18.94	18.92	18.94		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.03	19.09	18.91	20.5	0
5	QPSK	1	12	18.96	19.09	18.84		
5	QPSK	1	24	18.79	18.94	18.82		
5	QPSK	12	0	19.06	19.10	18.89	20.5	0
5	QPSK	12	7	18.77	18.99	18.78		
5	QPSK	12	13	18.80	18.98	18.74		
5	QPSK	25	0	18.94	19.07	19.01		
5	16QAM	1	0	18.94	18.98	18.85	20.5	0
5	16QAM	1	12	18.87	19.04	18.78		
5	16QAM	1	24	18.79	18.90	18.74		
5	16QAM	12	0	18.87	18.94	18.85	20.5	0
5	16QAM	12	7	18.75	18.95	18.67		
5	16QAM	12	13	18.73	18.90	18.63		
5	16QAM	25	0	18.88	18.90	19.01		
5	64QAM	1	0	18.92	19.05	18.80	20.5	0
5	64QAM	1	12	18.89	19.04	18.76		
5	64QAM	1	24	18.84	18.82	18.74		
5	64QAM	12	0	18.89	19.07	18.91	20.5	0
5	64QAM	12	7	18.76	18.90	18.79		
5	64QAM	12	13	18.65	18.98	18.67		
5	64QAM	25	0	18.96	18.97	18.90		
5	256QAM	1	0	18.96	18.98	18.90	20.5	0
5	256QAM	1	12	18.84	19.03	18.68		
5	256QAM	1	24	18.75	18.85	18.82		
5	256QAM	12	0	18.87	18.94	18.78	20.5	0
5	256QAM	12	7	18.75	18.90	18.79		
5	256QAM	12	13	18.67	18.79	18.71		
5	256QAM	25	0	18.87	19.02	18.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.03	19.09	19.20	19.01	19.15	20.5	0
20	QPSK	1	49	19.01	19.05	19.03	18.98	18.95		
20	QPSK	1	99	18.89	19.06	19.08	18.81	18.77		
20	QPSK	50	0	19.06	19.15	19.17	18.96	19.00	20.5	0
20	QPSK	50	24	18.96	18.95	18.94	18.93	18.81		
20	QPSK	50	50	18.74	18.98	18.99	18.71	18.72		
20	QPSK	100	0	18.97	19.07	19.08	18.86	19.11		
20	16QAM	1	0	19.07	18.98	19.14	19.02	19.13	20.5	0
20	16QAM	1	49	18.88	18.92	18.98	18.92	18.95		
20	16QAM	1	99	18.81	18.98	18.94	18.72	18.71		
20	16QAM	50	0	19.00	19.05	19.16	18.90	19.04	20.5	0
20	16QAM	50	24	18.85	19.07	18.92	18.90	18.75		
20	16QAM	50	50	18.72	19.00	18.99	18.80	18.70		
20	16QAM	100	0	19.02	19.05	19.02	18.93	18.92		
20	64QAM	1	0	18.78	18.87	18.89	18.84	18.78	20.5	0
20	64QAM	1	49	18.77	18.93	18.83	18.65	18.61		
20	64QAM	1	99	18.88	19.04	19.08	18.72	19.09		
20	64QAM	50	0	18.97	19.07	19.05	18.94	18.99	20.5	0
20	64QAM	50	24	18.97	19.08	18.96	18.99	18.80		
20	64QAM	50	50	18.95	18.96	19.05	18.75	18.69		
20	64QAM	100	0	18.96	19.02	19.12	18.91	18.94		
20	256QAM	1	0	19.02	19.05	19.01	18.91	19.05	20.5	0
20	256QAM	1	49	18.84	19.05	18.99	19.01	18.91		
20	256QAM	1	99	18.74	18.97	18.97	18.74	18.73		
20	256QAM	50	0	18.93	19.01	19.00	18.88	18.88	20.5	0
20	256QAM	50	24	18.85	18.93	18.84	18.88	18.79		
20	256QAM	50	50	18.64	18.88	18.88	18.71	18.70		
20	256QAM	100	0	18.96	18.97	19.07	18.83	19.01		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.02	19.04	19.01	18.86	19.14	20.50	0
15	QPSK	1	37	18.83	18.96	19.02	18.89	18.72		
15	QPSK	1	74	18.76	18.94	18.92	18.75	18.69		
15	QPSK	36	0	18.97	19.02	18.95	18.88	18.96	20.5	0
15	QPSK	36	20	18.83	18.76	18.98	18.76	18.71		
15	QPSK	36	39	18.72	18.95	18.94	18.59	18.75		
15	QPSK	75	0	18.94	18.94	19.04	18.78	19.05		
15	16QAM	1	0	18.91	18.84	19.05	18.90	18.99	20.5	0
15	16QAM	1	37	18.82	18.90	18.90	18.82	18.82		
15	16QAM	1	74	18.77	18.91	18.92	18.58	18.70		
15	16QAM	36	0	18.88	19.02	18.98	18.87	18.95	20.5	0
15	16QAM	36	20	18.79	18.96	18.85	18.73	18.67		
15	16QAM	36	39	18.64	18.87	18.95	18.58	18.66		
15	16QAM	75	0	18.89	19.00	19.00	18.80	18.73		
15	64QAM	1	0	18.74	18.79	18.82	18.84	18.66	20.5	0
15	64QAM	1	37	18.60	18.82	18.76	18.56	18.51		
15	64QAM	1	74	18.77	18.94	18.96	18.63	19.00		
15	64QAM	36	0	18.88	19.00	18.92	18.85	18.99	20.5	0
15	64QAM	36	20	18.86	19.02	18.92	18.91	18.69		
15	64QAM	36	39	18.77	18.75	18.89	18.61	18.59		
15	64QAM	75	0	18.88	18.95	19.05	18.70	18.86		
15	256QAM	1	0	18.92	18.90	18.92	18.82	18.89	20.5	0
15	256QAM	1	37	18.82	18.95	18.92	18.97	18.80		
15	256QAM	1	74	18.66	18.85	18.82	18.66	18.67		
15	256QAM	36	0	18.87	18.99	18.95	18.83	18.84	20.5	0
15	256QAM	36	20	18.80	18.88	18.76	18.77	18.77		
15	256QAM	36	39	18.65	18.81	18.87	18.63	18.69		
15	256QAM	75	0	18.92	18.92	19.10	18.65	18.94		
Channel				39700	40150	40600	41050	41500	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.02	19.04	19.09	18.96	19.04	20.50	0
10	QPSK	1	25	18.88	19.03	18.92	18.93	18.94		
10	QPSK	1	49	18.75	18.90	18.96	18.86	18.69		
10	QPSK	25	0	18.92	18.97	19.11	18.80	18.90	20.5	0
10	QPSK	25	12	18.78	18.84	18.92	18.89	18.67		
10	QPSK	25	25	18.78	18.95	18.93	18.72	18.60		
10	QPSK	50	0	18.88	18.99	19.06	18.73	18.95		
10	16QAM	1	0	18.91	18.93	19.09	18.96	19.01	20.5	0
10	16QAM	1	25	18.89	18.96	18.88	18.82	18.87		
10	16QAM	1	49	18.73	18.99	18.83	18.56	18.68		
10	16QAM	25	0	18.91	18.92	19.04	18.83	18.96	20.5	0
10	16QAM	25	12	18.84	18.99	18.88	18.85	18.65		
10	16QAM	25	25	18.71	18.90	18.89	18.64	18.68		
10	16QAM	50	0	18.89	19.04	18.92	18.82	18.85		
10	64QAM	1	0	18.78	18.70	18.86	18.85	18.71	20.5	0
10	64QAM	1	25	18.72	18.91	18.88	18.61	18.52		
10	64QAM	1	49	18.87	19.03	18.93	18.63	18.93		
10	64QAM	25	0	18.89	19.00	19.07	18.81	18.88	20.5	0
10	64QAM	25	12	18.91	18.96	18.83	18.84	18.75		
10	64QAM	25	25	18.83	18.83	19.01	18.62	18.58		
10	64QAM	50	0	18.77	18.90	19.07	18.74	18.88		
10	256QAM	1	0	19.06	18.94	19.03	18.85	18.86	20.5	0
10	256QAM	1	25	18.83	18.98	18.91	18.93	18.78		
10	256QAM	1	49	18.67	18.83	18.81	18.66	18.57		
10	256QAM	25	0	18.97	18.97	18.96	18.82	18.94	20.5	0
10	256QAM	25	12	18.76	18.75	18.81	18.77	18.74		
10	256QAM	25	25	18.56	18.84	18.84	18.58	18.68		
10	256QAM	50	0	18.84	18.96	19.02	18.72	18.99		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.99	19.03	19.06	18.87	18.95	20.50	0
5	QPSK	1	12	18.90	18.99	18.99	18.88	18.73		
5	QPSK	1	24	18.81	19.06	18.98	18.76	18.69		
5	QPSK	12	0	18.90	19.03	19.00	18.85	18.96	20.5	0
5	QPSK	12	7	18.77	18.80	18.90	18.88	18.82		
5	QPSK	12	13	18.72	18.92	18.91	18.67	18.67		
5	QPSK	25	0	18.95	19.09	18.92	18.91	19.10		
5	16QAM	1	0	19.00	18.87	18.98	18.92	19.10	20.5	0
5	16QAM	1	12	18.73	18.87	18.91	18.74	18.79		
5	16QAM	1	24	18.68	19.00	18.84	18.67	18.67		
5	16QAM	12	0	18.98	19.01	19.02	18.80	18.95	20.5	0
5	16QAM	12	7	18.88	19.02	18.86	18.88	18.69		
5	16QAM	12	13	18.62	18.87	18.82	18.69	18.66		
5	16QAM	25	0	18.86	18.93	18.97	18.74	18.81		
5	64QAM	1	0	18.77	18.75	18.89	18.81	18.78	20.5	0
5	64QAM	1	12	18.66	18.95	18.79	18.56	18.54		
5	64QAM	1	24	18.78	18.95	18.96	18.56	19.03		
5	64QAM	12	0	18.90	18.98	18.90	18.89	18.87	20.5	0
5	64QAM	12	7	18.81	18.94	18.90	18.89	18.66		
5	64QAM	12	13	18.80	18.86	18.90	18.54	18.56		
5	64QAM	25	0	18.79	18.88	18.98	18.76	18.79		
5	256QAM	1	0	19.03	18.99	18.92	18.83	18.86	20.5	0
5	256QAM	1	12	18.73	18.94	18.90	18.81	18.81		
5	256QAM	1	24	18.69	18.94	18.89	18.68	18.61		
5	256QAM	12	0	18.89	18.91	18.99	18.84	18.82	20.5	0
5	256QAM	12	7	18.78	18.74	18.80	18.74	18.65		
5	256QAM	12	13	18.62	18.77	18.92	18.60	18.53		
5	256QAM	25	0	18.78	18.97	18.98	18.68	18.93		

GSM1900 Ant4 ECI1

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.75	26.75	26.66	28.50	17.75	17.75	17.66	19.50
GPRS 1 Tx slot	26.73	26.74	26.63	28.50	17.73	17.74	17.63	19.50
GPRS 2 Tx slots	23.72	23.77	23.73	25.50	17.72	17.77	17.73	19.50
GPRS 3 Tx slots	21.98	22.13	21.98	23.70	17.72	17.87	17.72	19.44
GPRS 4 Tx slots	20.70	20.79	20.60	22.50	17.70	17.79	17.60	19.50
EDGE 1 Tx slot	25.79	25.91	25.78	27.50	16.79	16.91	16.78	18.50
EDGE 2 Tx slots	22.84	22.96	22.82	24.50	16.84	16.96	16.82	18.50
EDGE 3 Tx slots	21.04	21.08	20.97	22.70	16.78	16.82	16.71	18.44
EDGE 4 Tx slots	19.74	19.85	19.75	21.50	16.74	16.85	16.75	18.50

WCDMA II Ant4 ECI1

WCDMA IV Ant4 ECI1

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.14	17.23	17.22	18.70	17.22	17.29	17.31	18.70
3GPP Rel 99	RMC 12.2Kbps	17.30	17.35	17.32	18.70	17.27	17.32	17.24	18.70
3GPP Rel 6	HSDPA Subtest-1	16.14	16.31	16.23	17.70	16.22	16.39	16.29	17.70
3GPP Rel 6	HSDPA Subtest-2	16.22	16.32	16.29	17.70	16.37	16.43	16.25	17.70
3GPP Rel 6	HSDPA Subtest-3	15.85	15.75	15.70	17.20	15.88	15.91	15.83	17.20
3GPP Rel 6	HSDPA Subtest-4	15.78	15.87	15.75	17.20	15.73	15.82	15.78	17.20
3GPP Rel 8	DC-HSDPA Subtest-1	16.24	16.25	16.27	17.70	16.22	16.21	16.25	17.70
3GPP Rel 8	DC-HSDPA Subtest-2	16.24	16.36	16.27	17.70	16.19	16.46	16.25	17.70
3GPP Rel 8	DC-HSDPA Subtest-3	15.76	15.78	15.76	17.20	15.81	15.99	15.77	17.20
3GPP Rel 8	DC-HSDPA Subtest-4	15.74	15.87	15.71	17.20	15.79	15.80	15.75	17.20
3GPP Rel 6	HSUPA Subtest-1	16.24	16.35	16.35	17.70	16.27	16.42	16.42	17.70
3GPP Rel 6	HSUPA Subtest-2	14.28	14.36	14.31	15.70	14.28	14.45	14.29	15.70
3GPP Rel 6	HSUPA Subtest-3	15.29	15.30	15.26	16.70	15.32	15.45	15.22	16.70
3GPP Rel 6	HSUPA Subtest-4	14.26	14.31	14.16	15.70	14.22	14.30	14.21	15.70
3GPP Rel 6	HSUPA Subtest-5	16.19	16.24	16.27	17.70	16.24	16.25	16.31	17.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.75	13.72	13.79	15.20	13.70	13.83	13.83	15.20

Band 2 Ant4 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.90	17.93	17.83		
20	QPSK	1	49	17.80	17.86	17.82	19	0
20	QPSK	1	99	17.84	17.83	17.83		
20	QPSK	50	0	17.87	17.88	17.79		
20	QPSK	50	24	17.78	17.74	17.76	19	0
20	QPSK	50	50	17.77	17.81	17.71		
20	QPSK	100	0	17.81	17.85	17.79		
20	16QAM	1	0	17.84	17.84	17.78		
20	16QAM	1	49	17.68	17.79	17.79	19	0
20	16QAM	1	99	17.76	17.75	17.75		
20	16QAM	50	0	17.80	17.83	17.71		
20	16QAM	50	24	17.71	17.79	17.71	19	0
20	16QAM	50	50	17.77	17.70	17.72		
20	16QAM	100	0	17.78	17.85	17.69		
20	64QAM	1	0	17.72	17.86	17.63		
20	64QAM	1	49	17.65	17.70	17.62	19	0
20	64QAM	1	99	17.68	17.80	17.69		
20	64QAM	50	0	17.77	17.80	17.77		
20	64QAM	50	24	17.68	17.74	17.78	19	0
20	64QAM	50	50	17.75	17.78	17.70		
20	64QAM	100	0	17.83	17.83	17.76		
20	256QAM	1	0	17.85	17.79	17.79		
20	256QAM	1	49	17.67	17.84	17.74	19	0
20	256QAM	1	99	17.74	17.78	17.74		
20	256QAM	50	0	17.77	17.82	17.73		
20	256QAM	50	24	17.73	17.71	17.68	19	0
20	256QAM	50	50	17.70	17.71	17.68		
20	256QAM	100	0	17.67	17.81	17.75		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.87	17.89	17.80		
15	QPSK	1	37	17.77	17.76	17.69	19	0
15	QPSK	1	74	17.79	17.72	17.77		
15	QPSK	36	0	17.84	17.85	17.74		
15	QPSK	36	20	17.75	17.70	17.69	19	0
15	QPSK	36	39	17.74	17.69	17.66		
15	QPSK	75	0	17.74	17.80	17.66		
15	16QAM	1	0	17.78	17.79	17.76		
15	16QAM	1	37	17.63	17.67	17.66	19	0
15	16QAM	1	74	17.69	17.64	17.70		
15	16QAM	36	0	17.72	17.69	17.67		
15	16QAM	36	20	17.67	17.69	17.68	19	0
15	16QAM	36	39	17.65	17.58	17.67		
15	16QAM	75	0	17.69	17.77	17.60		
15	64QAM	1	0	17.59	17.62	17.57		
15	64QAM	1	37	17.59	17.68	17.56	19	0
15	64QAM	1	74	17.56	17.68	17.64		
15	64QAM	36	0	17.64	17.72	17.64		
15	64QAM	36	20	17.56	17.63	17.74	19	0
15	64QAM	36	39	17.62	17.75	17.58		
15	64QAM	75	0	17.71	17.73	17.67		
15	256QAM	1	0	17.77	17.67	17.70		
15	256QAM	1	37	17.57	17.81	17.65	19	0
15	256QAM	1	74	17.70	17.70	17.66		
15	256QAM	36	0	17.73	17.73	17.60		
15	256QAM	36	20	17.67	17.59	17.62	19	0
15	256QAM	36	39	17.64	17.69	17.59		
15	256QAM	75	0	17.55	17.78	17.71		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.82	17.83	17.78		
10	QPSK	1	25	17.67	17.75	17.75	19	0
10	QPSK	1	49	17.75	17.82	17.70		
10	QPSK	25	0	17.84	17.78	17.68		
10	QPSK	25	12	17.68	17.61	17.66	19	0
10	QPSK	25	25	17.66	17.77	17.66		
10	QPSK	50	0	17.70	17.77	17.70		
10	16QAM	1	0	17.72	17.71	17.74		
10	16QAM	1	25	17.64	17.73	17.71	19	0
10	16QAM	1	49	17.70	17.73	17.65		
10	16QAM	25	0	17.71	17.70	17.61		
10	16QAM	25	12	17.68	17.71	17.60	19	0
10	16QAM	25	25	17.66	17.67	17.58		
10	16QAM	50	0	17.75	17.82	17.58		
10	64QAM	1	0	17.66	17.54	17.56		
10	64QAM	1	25	17.57	17.67	17.54	19	0
10	64QAM	1	49	17.57	17.78	17.59		
10	64QAM	25	0	17.67	17.66	17.60		
10	64QAM	25	12	17.66	17.71	17.74	19	0
10	64QAM	25	25	17.69	17.68	17.57		
10	64QAM	50	0	17.72	17.69	17.68		
10	256QAM	1	0	17.78	17.76	17.69		
10	256QAM	1	25	17.57	17.79	17.65	19	0
10	256QAM	1	49	17.67	17.69	17.63		
10	256QAM	25	0	17.73	17.78	17.70		
10	256QAM	25	12	17.64	17.60	17.55	19	0
10	256QAM	25	25	17.67	17.59	17.53		
10	256QAM	50	0	17.58	17.70	17.62		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.79	17.88	17.72		
5	QPSK	1	12	17.68	17.83	17.73	19	0
5	QPSK	1	24	17.71	17.71	17.81		
5	QPSK	12	0	17.84	17.81	17.75		
5	QPSK	12	7	17.72	17.65	17.64	19	0
5	QPSK	12	13	17.64	17.73	17.60		
5	QPSK	25	0	17.78	17.82	17.73		
5	16QAM	1	0	17.77	17.76	17.69		
5	16QAM	1	12	17.62	17.67	17.72	19	0
5	16QAM	1	24	17.63	17.69	17.69		
5	16QAM	12	0	17.77	17.71	17.68		
5	16QAM	12	7	17.59	17.76	17.60	19	0
5	16QAM	12	13	17.69	17.60	17.65		
5	16QAM	25	0	17.72	17.82	17.59		
5	64QAM	1	0	17.64	17.60	17.59		
5	64QAM	1	12	17.62	17.57	17.50	19	0
5	64QAM	1	24	17.62	17.68	17.64		
5	64QAM	12	0	17.71	17.70	17.64		
5	64QAM	12	7	17.55	17.64	17.69	19	0
5	64QAM	12	13	17.65	17.69	17.58		
5	64QAM	25	0	17.74	17.76	17.71		
5	256QAM	1	0	17.80	17.65	17.69		
5	256QAM	1	12	17.54	17.78	17.69	19	0
5	256QAM	1	24	17.74	17.71	17.71		
5	256QAM	12	0	17.74	17.75	17.68		
5	256QAM	12	7	17.64	17.59	17.59	19	0
5	256QAM	12	13	17.64	17.61	17.51		
5	256QAM	25	0	17.54	17.68	17.68		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.86	17.87	17.80		
3	QPSK	1	8	17.75	17.79	17.75	19	0
3	QPSK	1	14	17.77	17.75	17.75		
3	QPSK	8	0	17.83	17.79	17.69		
3	QPSK	8	4	17.72	17.68	17.69	19	0
3	QPSK	8	7	17.64	17.76	17.66		
3	QPSK	15	0	17.73	17.78	17.71		
3	16QAM	1	0	17.70	17.72	17.65		
3	16QAM	1	8	17.60	17.66	17.74	19	0
3	16QAM	1	14	17.68	17.65	17.66		
3	16QAM	8	0	17.69	17.70	17.63		
3	16QAM	8	4	17.59	17.72	17.65	19	0
3	16QAM	8	7	17.64	17.61	17.70		
3	16QAM	15	0	17.65	17.74	17.58		
3	64QAM	1	0	17.61	17.55	17.60		
3	64QAM	1	8	17.57	17.59	17.48	19	0
3	64QAM	1	14	17.58	17.69	17.59		
3	64QAM	8	0	17.71	17.78	17.72		
3	64QAM	8	4	17.58	17.61	17.74	19	0
3	64QAM	8	7	17.69	17.74	17.67		
3	64QAM	15	0	17.79	17.76	17.72		
3	256QAM	1	0	17.74	17.73	17.69		
3	256QAM	1	8	17.59	17.74	17.63	19	0
3	256QAM	1	14	17.66	17.74	17.62		
3	256QAM	8	0	17.64	17.75	17.66		
3	256QAM	8	4	17.64	17.61	17.65	19	0
3	256QAM	8	7	17.65	17.64	17.52		
3	256QAM	15	0	17.63	17.74	17.71		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.81	17.80	17.78		
1.4	QPSK	1	3	17.76	17.76	17.72		
1.4	QPSK	1	5	17.76	17.79	17.80	19	0
1.4	QPSK	3	0	17.78	17.77	17.72		
1.4	QPSK	3	1	17.70	17.71	17.68		
1.4	QPSK	3	3	17.67	17.71	17.62		
1.4	QPSK	6	0	17.67	17.74	17.70	19	0
1.4	16QAM	1	0	17.76	17.75	17.67		
1.4	16QAM	1	3	17.59	17.71	17.73		
1.4	16QAM	1	5	17.71	17.69	17.73	19	0
1.4	16QAM	3	0	17.70	17.70	17.62		
1.4	16QAM	3	1	17.65	17.69	17.63		
1.4	16QAM	3	3	17.68	17.62	17.64		
1.4	16QAM	6	0	17.74	17.82	17.61	19	0
1.4	64QAM	1	0	17.65	17.56	17.51		
1.4	64QAM	1	3	17.62	17.65	17.50		
1.4	64QAM	1	5	17.58	17.74	17.58	19	0
1.4	64QAM	3	0	17.67	17.71	17.63		
1.4	64QAM	3	1	17.62	17.69	17.73		
1.4	64QAM	3	3	17.70	17.65	17.59		
1.4	64QAM	6	0	17.70	17.78	17.71	19	0
1.4	256QAM	1	0	17.76	17.71	17.66		
1.4	256QAM	1	3	17.54	17.77	17.63		
1.4	256QAM	1	5	17.72	17.68	17.65	19	0
1.4	256QAM	3	0	17.73	17.79	17.65		
1.4	256QAM	3	1	17.60	17.58	17.64		
1.4	256QAM	3	3	17.61	17.69	17.46		
1.4	256QAM	6	0	17.58	17.69	17.66	19	0

Band 4 Ant4 ECI1

BW [MHz]	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	18.05	18.12	18.08		
20	QPSK	1	49	17.90	18.08	18.06	18.7	0
20	QPSK	1	99	17.93	18.02	17.97		
20	QPSK	50	0	17.98	18.09	18.02		
20	QPSK	50	24	17.82	18.01	17.94	18.7	0
20	QPSK	50	50	17.84	17.98	17.92		
20	QPSK	100	0	17.96	18.05	17.95		
20	16QAM	1	0	17.97	18.01	18.06		
20	16QAM	1	49	17.80	17.97	18.00	18.7	0
20	16QAM	1	99	17.80	17.98	17.83		
20	16QAM	50	0	17.93	18.05	18.00		
20	16QAM	50	24	17.77	17.92	17.87	18.7	0
20	16QAM	50	50	17.79	17.88	17.82		
20	16QAM	100	0	17.87	17.99	17.84		
20	64QAM	1	0	17.96	18.00	18.00		
20	64QAM	1	49	17.86	17.97	17.97	18.7	0
20	64QAM	1	99	17.90	17.96	17.92		
20	64QAM	50	0	17.93	17.98	17.98		
20	64QAM	50	24	17.79	17.97	17.89	18.7	0
20	64QAM	50	50	17.73	17.88	17.86		
20	64QAM	100	0	17.93	17.92	17.91		
20	256QAM	1	0	17.96	18.00	18.04		
20	256QAM	1	49	17.80	17.98	17.93	18.7	0
20	256QAM	1	99	17.86	17.95	17.86		
20	256QAM	50	0	17.91	18.07	17.88		
20	256QAM	50	24	17.70	17.88	17.82	18.7	0
20	256QAM	50	50	17.74	17.84	17.84		
20	256QAM	100	0	17.84	18.02	17.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.91	18.08	18.03		
15	QPSK	1	37	17.84	18.04	17.93	18.7	0
15	QPSK	1	74	17.89	17.97	17.91		
15	QPSK	36	0	17.95	18.04	18.00		
15	QPSK	36	20	17.74	17.88	17.88	18.7	0
15	QPSK	36	39	17.67	17.96	17.82		
15	QPSK	75	0	17.93	17.92	17.81		
15	16QAM	1	0	17.93	17.93	17.97		
15	16QAM	1	37	17.67	17.91	17.87	18.7	0
15	16QAM	1	74	17.67	17.95	17.73		
15	16QAM	36	0	17.79	17.94	17.97		
15	16QAM	36	20	17.68	17.86	17.78	18.7	0
15	16QAM	36	39	17.67	17.82	17.79		
15	16QAM	75	0	17.76	17.91	17.81		
15	64QAM	1	0	17.93	17.90	17.92		
15	64QAM	1	37	17.77	17.90	17.94	18.7	0
15	64QAM	1	74	17.76	17.87	17.79		
15	64QAM	36	0	17.89	17.86	17.94		
15	64QAM	36	20	17.67	17.87	17.70	18.7	0
15	64QAM	36	39	17.70	17.77	17.83		
15	64QAM	75	0	17.81	17.85	17.88		
15	256QAM	1	0	17.92	17.89	17.93		
15	256QAM	1	37	17.81	17.83	17.81	18.7	0
15	256QAM	1	74	17.73	17.92	17.81		
15	256QAM	36	0	17.85	18.04	17.79		
15	256QAM	36	20	17.63	17.84	17.73	18.7	0
15	256QAM	36	39	17.67	17.87	17.81		
15	256QAM	75	0	17.77	17.89	17.83		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.99	17.97	17.97		
10	QPSK	1	25	17.81	17.95	17.95	18.7	0
10	QPSK	1	49	17.87	17.91	17.91		
10	QPSK	25	0	17.85	18.06	17.89		
10	QPSK	25	12	17.76	17.91	17.88	18.7	0
10	QPSK	25	25	17.72	17.91	17.89		
10	QPSK	50	0	17.85	17.92	17.82		
10	16QAM	1	0	17.88	17.93	18.00		
10	16QAM	1	25	17.72	17.93	17.97	18.7	0
10	16QAM	1	49	17.74	17.74	17.74		
10	16QAM	25	0	17.81	17.97	17.91		
10	16QAM	25	12	17.71	17.81	17.80	18.7	0
10	16QAM	25	25	17.73	17.80	17.73		
10	16QAM	50	0	17.74	17.93	17.75		
10	64QAM	1	0	17.93	17.87	17.87		
10	64QAM	1	25	17.75	17.88	17.94	18.7	0
10	64QAM	1	49	17.80	17.90	17.86		
10	64QAM	25	0	17.84	17.86	17.85		
10	64QAM	25	12	17.75	17.95	17.77	18.7	0
10	64QAM	25	25	17.65	17.76	17.73		
10	64QAM	50	0	17.85	17.88	17.81		
10	256QAM	1	0	17.93	17.96	17.95		
10	256QAM	1	25	17.73	17.91	17.86	18.7	0
10	256QAM	1	49	17.78	17.82	17.73		
10	256QAM	25	0	17.84	18.04	17.81		
10	256QAM	25	12	17.74	17.84	17.74	18.7	0
10	256QAM	25	25	17.65	17.80	17.80		
10	256QAM	50	0	17.75	17.99	17.76		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.02	18.03	17.96		
5	QPSK	1	12	17.87	17.96	17.95	18.7	0
5	QPSK	1	24	17.81	17.88	17.92		
5	QPSK	12	0	17.90	18.07	17.92		
5	QPSK	12	7	17.73	17.92	17.91	18.7	0
5	QPSK	12	13	17.76	17.96	17.80		
5	QPSK	25	0	17.91	17.92	17.88		
5	16QAM	1	0	17.84	17.89	17.99		
5	16QAM	1	12	17.68	17.93	17.97	18.7	0
5	16QAM	1	24	17.70	17.87	17.71		
5	16QAM	12	0	17.83	17.99	17.89		
5	16QAM	12	7	17.70	17.84	17.79	18.7	0
5	16QAM	12	13	17.75	17.75	17.77		
5	16QAM	25	0	17.75	17.96	17.81		
5	64QAM	1	0	17.84	17.93	17.94		
5	64QAM	1	12	17.77	17.91	17.84	18.7	0
5	64QAM	1	24	17.86	17.93	17.81		
5	64QAM	12	0	17.82	17.95	17.91		
5	64QAM	12	7	17.75	17.93	17.74	18.7	0
5	64QAM	12	13	17.69	17.78	17.79		
5	64QAM	25	0	17.88	17.85	17.86		
5	256QAM	1	0	17.87	17.98	18.01		
5	256QAM	1	12	17.71	17.89	17.86	18.7	0
5	256QAM	1	24	17.79	17.91	17.81		
5	256QAM	12	0	17.80	17.96	17.79		
5	256QAM	12	7	17.63	17.85	17.75	18.7	0
5	256QAM	12	13	17.62	17.81	17.70		
5	256QAM	25	0	17.70	17.99	17.73		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.93	18.01	17.96		
3	QPSK	1	8	17.86	17.94	18.01	18.7	0
3	QPSK	1	14	17.85	17.91	17.94		
3	QPSK	8	0	17.88	18.00	17.97		
3	QPSK	8	4	17.70	17.94	17.82	18.7	0
3	QPSK	8	7	17.74	17.87	17.89		
3	QPSK	15	0	17.90	17.93	17.81		
3	16QAM	1	0	17.85	17.94	17.97		
3	16QAM	1	8	17.68	17.93	17.93	18.7	0
3	16QAM	1	14	17.77	17.94	17.71		
3	16QAM	8	0	17.87	18.03	17.93		
3	16QAM	8	4	17.68	17.84	17.73	18.7	0
3	16QAM	8	7	17.72	17.78	17.75		
3	16QAM	15	0	17.84	17.93	17.79		
3	64QAM	1	0	17.92	17.95	17.89		
3	64QAM	1	8	17.80	17.85	17.94	18.7	0
3	64QAM	1	14	17.85	17.88	17.80		
3	64QAM	8	0	17.90	17.91	17.93		
3	64QAM	8	4	17.65	17.86	17.76	18.7	0
3	64QAM	8	7	17.60	17.75	17.82		
3	64QAM	15	0	17.80	17.86	17.87		
3	256QAM	1	0	17.91	17.94	17.96		
3	256QAM	1	8	17.75	17.88	17.86	18.7	0
3	256QAM	1	14	17.77	17.81	17.75		
3	256QAM	8	0	17.87	18.02	17.80		
3	256QAM	8	4	17.67	17.76	17.68	18.7	0
3	256QAM	8	7	17.64	17.71	17.78		
3	256QAM	15	0	17.97	17.78	17.79		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.00	18.10	17.98		
1.4	QPSK	1	3	17.81	17.94	17.94	18.7	0
1.4	QPSK	1	5	17.79	17.93	17.83		
1.4	QPSK	3	0	17.89	18.01	17.95		
1.4	QPSK	3	1	17.77	17.96	17.81		
1.4	QPSK	3	3	17.75	17.92	17.90		
1.4	QPSK	6	0	17.86	18.00	17.84	18.7	0
1.4	16QAM	1	0	17.89	17.91	17.97		
1.4	16QAM	1	3	17.72	17.89	17.93	18.7	0
1.4	16QAM	1	5	17.74	17.95	17.77		
1.4	16QAM	3	0	17.86	17.91	17.86		
1.4	16QAM	3	1	17.72	17.86	17.75		
1.4	16QAM	3	3	17.76	17.77	17.68		
1.4	16QAM	6	0	17.82	17.92	17.76	18.7	0
1.4	64QAM	1	0	17.91	17.94	17.97		
1.4	64QAM	1	3	17.74	17.87	17.86	18.7	0
1.4	64QAM	1	5	17.76	17.87	17.82		
1.4	64QAM	3	0	17.90	17.87	17.85		
1.4	64QAM	3	1	17.65	17.85	17.76		
1.4	64QAM	3	3	17.77	17.83	17.83		
1.4	64QAM	6	0	17.90	17.80	17.78	18.7	0
1.4	256QAM	1	0	18.03	17.94	18.00		
1.4	256QAM	1	3	17.67	17.89	17.82	18.7	0
1.4	256QAM	1	5	17.76	17.87	17.80		
1.4	256QAM	3	0	17.88	17.99	17.86		
1.4	256QAM	3	1	17.66	17.79	17.75		
1.4	256QAM	3	3	17.58	17.82	17.80		
1.4	256QAM	6	0	17.71	17.95	17.81	18.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.60	16.72	16.65		
20	QPSK	1	49	16.53	16.59	16.50	17.2	0
20	QPSK	1	99	16.57	16.65	16.49		
20	QPSK	50	0	16.46	16.69	16.52		
20	QPSK	50	24	16.49	16.54	16.50	17.2	0
20	QPSK	50	50	16.45	16.55	16.29		
20	QPSK	100	0	16.54	16.68	16.47		
20	16QAM	1	0	16.51	16.52	16.54		
20	16QAM	1	49	16.33	16.50	16.52	17.2	0
20	16QAM	1	99	16.42	16.67	16.27		
20	16QAM	50	0	16.41	16

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.04	17.07	17.01	17.7	0
20	QPSK	1	49	16.95	16.97	17.03		
20	QPSK	1	99	16.96	16.94	16.86		
20	QPSK	50	0	16.88	16.94	16.91	17.7	0
20	QPSK	50	24	16.91	16.95	16.90		
20	QPSK	50	50	16.84	16.96	16.80		
20	QPSK	100	0	16.96	16.92	16.96		
20	16QAM	1	0	16.90	16.94	16.95	17.7	0
20	16QAM	1	49	16.91	16.90	16.82		
20	16QAM	1	99	16.78	16.95	16.82		
20	16QAM	50	0	16.92	16.96	16.79	17.7	0
20	16QAM	50	24	16.75	16.81	16.87		
20	16QAM	50	50	16.72	16.89	16.73		
20	16QAM	100	0	16.76	16.76	16.86		
20	64QAM	1	0	16.91	17.03	16.94	17.7	0
20	64QAM	1	49	16.93	17.01	16.86		
20	64QAM	1	99	16.87	16.92	16.82		
20	64QAM	50	0	16.77	16.82	16.84	17.7	0
20	64QAM	50	24	16.84	16.82	16.81		
20	64QAM	50	50	16.78	16.86	16.73		
20	64QAM	100	0	16.79	16.84	16.94		
20	256QAM	1	0	16.90	17.00	16.91	17.7	0
20	256QAM	1	49	16.93	16.98	16.85		
20	256QAM	1	99	16.91	16.90	16.80		
20	256QAM	50	0	16.88	16.93	16.83	17.7	0
20	256QAM	50	24	16.87	16.85	16.82		
20	256QAM	50	50	16.77	16.81	16.71		
20	256QAM	100	0	16.80	16.93	16.95		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.96	16.94	16.90	17.7	0
15	QPSK	1	37	16.85	16.84	16.97		
15	QPSK	1	74	16.83	16.80	16.81		
15	QPSK	36	0	16.85	16.82	16.79	17.7	0
15	QPSK	36	20	16.80	16.87	16.82		
15	QPSK	36	39	16.77	16.82	16.67		
15	QPSK	75	0	16.87	16.83	16.90		
15	16QAM	1	0	16.84	16.89	16.89	17.7	0
15	16QAM	1	37	16.85	16.87	16.70		
15	16QAM	1	74	16.72	16.90	16.70		
15	16QAM	36	0	16.82	16.84	16.68	17.7	0
15	16QAM	36	20	16.70	16.70	16.81		
15	16QAM	36	39	16.65	16.80	16.66		
15	16QAM	75	0	16.72	16.63	16.73		
15	64QAM	1	0	16.86	16.99	16.87	17.7	0
15	64QAM	1	37	16.82	16.91	16.76		
15	64QAM	1	74	16.83	16.81	16.71		
15	64QAM	36	0	16.75	16.79	16.73	17.7	0
15	64QAM	36	20	16.74	16.73	16.77		
15	64QAM	36	39	16.73	16.79	16.67		
15	64QAM	75	0	16.73	16.76	16.83		
15	256QAM	1	0	16.85	16.90	16.81	17.7	0
15	256QAM	1	37	16.84	16.85	16.71		
15	256QAM	1	74	16.85	16.86	16.76		
15	256QAM	36	0	16.76	16.82	16.80	17.7	0
15	256QAM	36	20	16.79	16.75	16.79		
15	256QAM	36	39	16.67	16.71	16.61		
15	256QAM	75	0	16.77	16.85	16.92		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.99	16.94	16.97	17.7	0
10	QPSK	1	25	16.82	16.93	16.98		
10	QPSK	1	49	16.91	16.91	16.72		
10	QPSK	25	0	16.78	16.88	16.85	17.7	0
10	QPSK	25	12	16.88	16.90	16.82		
10	QPSK	25	25	16.72	16.88	16.73		
10	QPSK	50	0	16.84	16.86	16.88		
10	16QAM	1	0	16.84	16.88	16.90	17.7	0
10	16QAM	1	25	16.85	16.80	16.68		
10	16QAM	1	49	16.70	16.91	16.77		
10	16QAM	25	0	16.83	16.89	16.69	17.7	0
10	16QAM	25	12	16.62	16.74	16.76		
10	16QAM	25	25	16.63	16.76	16.69		
10	16QAM	50	0	16.63	16.71	16.81		
10	64QAM	1	0	16.78	16.93	16.86	17.7	0
10	64QAM	1	25	16.79	16.95	16.76		
10	64QAM	1	49	16.78	16.78	16.78		
10	64QAM	25	0	16.66	16.78	16.81	17.7	0
10	64QAM	25	12	16.79	16.73	16.77		
10	64QAM	25	25	16.66	16.73	16.61		
10	64QAM	50	0	16.67	16.75	16.84		
10	256QAM	1	0	16.87	16.92	16.81	17.7	0
10	256QAM	1	25	16.85	16.85	16.83		
10	256QAM	1	49	16.84	16.87	16.76		
10	256QAM	25	0	16.84	16.88	16.77	17.7	0
10	256QAM	25	12	16.82	16.79	16.77		
10	256QAM	25	25	16.71	16.69	16.67		
10	256QAM	50	0	16.76	16.87	16.92		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.95	16.97	16.98	17.7	0
5	QPSK	1	12	16.90	16.93	16.91		
5	QPSK	1	24	16.89	16.89	16.81		
5	QPSK	12	0	16.79	16.88	16.81	17.7	0
5	QPSK	12	7	16.88	16.82	16.82		
5	QPSK	12	13	16.79	16.87	16.77		
5	QPSK	25	0	16.83	16.83	16.89		
5	16QAM	1	0	16.87	16.82	16.83	17.7	0
5	16QAM	1	12	16.87	16.80	16.71		
5	16QAM	1	24	16.64	16.85	16.72		
5	16QAM	12	0	16.84	16.93	16.70	17.7	0
5	16QAM	12	7	16.61	16.71	16.83		
5	16QAM	12	13	16.61	16.87	16.61		
5	16QAM	25	0	16.68	16.69	16.78		
5	64QAM	1	0	16.80	16.98	16.91	17.7	0
5	64QAM	1	12	16.87	16.89	16.83		
5	64QAM	1	24	16.83	16.87	16.70		
5	64QAM	12	0	16.67	16.72	16.80	17.7	0
5	64QAM	12	7	16.77	16.77	16.76		
5	64QAM	12	13	16.72	16.77	16.62		
5	64QAM	25	0	16.72	16.81	16.90		
5	256QAM	1	0	16.84	16.87	16.84	17.7	0
5	256QAM	1	12	16.84	16.89	16.83		
5	256QAM	1	24	16.83	16.80	16.76		
5	256QAM	12	0	16.74	16.86	16.80	17.7	0
5	256QAM	12	7	16.81	16.76	16.70		
5	256QAM	12	13	16.63	16.77	16.66		
5	256QAM	25	0	16.74	16.81	16.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.98	17.11	17.18	17.12	17.05	17.7	0
20	QPSK	1	49	16.86	17.07	17.09	17.05	16.93		
20	QPSK	1	99	16.93	17.05	17.09	17.04	16.90		
20	QPSK	50	0	16.91	17.13	17.17	17.01	16.94	17.7	0
20	QPSK	50	24	16.77	16.91	16.96	16.93	16.97		
20	QPSK	50	50	16.81	16.96	17.00	16.92	16.94		
20	QPSK	100	0	16.90	17.01	17.13	17.02	16.96		
20	16QAM	1	0	16.90	17.12	17.00	16.97	16.86	17.7	0
20	16QAM	1	49	16.76	17.05	17.01	16.98	16.88		
20	16QAM	1	99	16.79	17.03	16.99	16.96	16.84		
20	16QAM	50	0	16.76	17.10	17.04	17.03	16.78	17.7	0
20	16QAM	50	24	16.66	16.94	16.93	16.88	16.88		
20	16QAM	50	50	16.79	16.93	16.90	16.91	16.79		
20	16QAM	100	0	16.82	16.96	16.99	16.95	16.94		
20	64QAM	1	0	16.91	17.06	17.07	17.05	17.02	17.7	0
20	64QAM	1	49	16.78	17.00	16.93	16.92	16.81		
20	64QAM	1	99	16.86	16.97	17.10	16.95	16.84		
20	64QAM	50	0	16.88	17.03	16.99	16.99	16.73	17.7	0
20	64QAM	50	24	16.61	16.81	16.89	16.99	16.88		
20	64QAM	50	50	16.79	17.00	16.91	16.79	16.86		
20	64QAM	100	0	16.92	16.93	17.04	16.95	16.84		
20	256QAM	1	0	16.89	17.05	17.08	16.96	16.97	17.7	0
20	256QAM	1	49	16.77	16.98	16.93	17.01	16.82		
20	256QAM	1	99	16.77	17.03	16.93	16.99	16.93		
20	256QAM	50	0	16.86	17.01	16.99	16.93	16.82	17.7	0
20	256QAM	50	24	16.66	16.86	16.83	16.94	16.74		
20	256QAM	50	50	16.77	16.84	16.89	16.85	16.85		
20	256QAM	100	0	16.85	16.98	17.03	16.91	16.84		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.96	17.04	17.12	17.02	16.95	17.70	0
15	QPSK	1	37	16.82	17.04	17.01	16.97	16.83		
15	QPSK	1	74	16.89	17.02	17.05	17.02	16.87		
15	QPSK	36	0	16.78	17.02	17.07	16.88	16.85	17.7	0
15	QPSK	36	20	16.68	16.82	16.92	16.84	16.84		
15	QPSK	36	39	16.71	16.91	16.89	16.82	16.81		
15	QPSK	75	0	16.79	16.97	17.01	16.97	16.85		
15	16QAM	1	0	16.85	17.05	16.96	16.84	16.76	17.7	0
15	16QAM	1	37	16.65	16.99	16.87	16.93	16.76		
15	16QAM	1	74	16.74	16.99	16.96	16.84	16.81		
15	16QAM	36	0	16.74	17.03	16.97	16.89	16.66	17.7	0
15	16QAM	36	20	16.57	16.86	16.81	16.78	16.76		
15	16QAM	36	39	16.71	16.85	16.80	16.85	16.66		
15	16QAM	75	0	16.80	16.89	16.94	16.87	16.85		
15	64QAM	1	0	16.88	16.93	16.93	16.97	16.88	17.7	0
15	64QAM	1	37	16.76	16.91	16.88	16.83	16.71		
15	64QAM	1	74	16.73	16.89	17.05	16.87	16.80		
15	64QAM	36	0	16.83	16.89	16.95	16.96	16.63	17.7	0
15	64QAM	36	20	16.48	16.69	16.82	16.87	16.78		
15	64QAM	36	39	16.68	16.97	16.89	16.73	16.81		
15	64QAM	75	0	16.84	16.79	16.92	16.81	16.75		
15	256QAM	1	0	16.83	16.93	17.04	16.83	16.83	17.7	0
15	256QAM	1	37	16.69	16.94	16.83	16.94	16.69		
15	256QAM	1	74	16.69	16.95	16.79	16.96	16.84		
15	256QAM	36	0	16.83	16.98	16.89	16.84	16.77	17.7	0
15	256QAM	36	20	16.62	16.75	16.73	16.84	16.63		
15	256QAM	36	39	16.73	16.73	16.87	16.77	16.74		
15	256QAM	75	0	16.73	16.87	16.95	16.78	16.71		
Channel				39700	40150	40600	41050	41500	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.89	17.08	17.15	16.99	17.01	17.70	0
10	QPSK	1	25	16.79	16.96	16.97	17.00	16.84		
10	QPSK	1	49	16.86	16.98	16.96	17.02	16.80		
10	QPSK	25	0	16.81	17.08	17.14	16.95	16.85	17.7	0
10	QPSK	25	12	16.67	16.80	16.89	16.82	16.90		
10	QPSK	25	25	16.73	16.84	16.95	16.88	16.82		
10	QPSK	50	0	16.83	16.91	16.99	16.98	16.87		
10	16QAM	1	0	16.85	17.00	16.95	16.85	16.74	17.7	0
10	16QAM	1	25	16.70	16.97	16.92	16.91	16.76		
10	16QAM	1	49	16.74	16.96	16.92	16.82	16.75		
10	16QAM	25	0	16.72	16.97	16.96	16.95	16.69	17.7	0
10	16QAM	25	12	16.54	16.85	16.89	16.83	16.77		
10	16QAM	25	25	16.70	16.84	16.79	16.77	16.66		
10	16QAM	50	0	16.78	16.87	16.97	16.82	16.83		
10	64QAM	1	0	16.86	16.97	16.94	16.91	16.89	17.7	0
10	64QAM	1	25	16.66	16.93	16.81	16.89	16.72		
10	64QAM	1	49	16.83	16.94	17.01	16.81	16.80		
10	64QAM	25	0	16.80	17.00	16.95	16.97	16.70	17.7	0
10	64QAM	25	12	16.57	16.69	16.84	16.91	16.75		
10	64QAM	25	25	16.70	16.87	16.86	16.72	16.77		
10	64QAM	50	0	16.85	16.90	16.97	16.82	16.70		
10	256QAM	1	0	16.85	17.03	17.00	16.87	16.84	17.7	0
10	256QAM	1	25	16.67	16.88	16.79	16.93	16.73		
10	256QAM	1	49	16.74	16.99	16.82	16.95	16.90		
10	256QAM	25	0	16.83	16.90	16.89	16.83	16.79	17.7	0
10	256QAM	25	12	16.55	16.84	16.72	16.91	16.63		
10	256QAM	25	25	16.63	16.75	16.84	16.83	16.78		
10	256QAM	50	0	16.77	16.89	16.97	16.80	16.73		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.94	17.09	17.08	17.01	16.92	17.70	0
5	QPSK	1	12	16.80	16.94	17.01	16.94	16.82		
5	QPSK	1	24	16.85	16.93	16.99	17.02	16.80		
5	QPSK	12	0	16.82	17.03	17.15	16.88	16.80	17.7	0
5	QPSK	12	7	16.66	16.87	16.84	16.86	16.91		
5	QPSK	12	13	16.75	16.88	16.87	16.85	16.87		
5	QPSK	25	0	16.84	16.97	17.00	16.85	16.90		
5	16QAM	1	0	16.84	17.05	16.97	16.91	16.77	17.7	0
5	16QAM	1	12	16.73	16.95	16.94	16.94	16.82		
5	16QAM	1	24	16.73	16.90	16.86	16.90	16.80		
5	16QAM	12	0	16.68	17.02	16.92	16.89	16.65	17.7	0
5	16QAM	12	7	16.58	16.87	16.81	16.78	16.80		
5	16QAM	12	13	16.70	16.82	16.80	16.81	16.74		
5	16QAM	25	0	16.70	16.88	16.89	16.88	16.90		
5	64QAM	1	0	16.84	16.96	16.97	16.98	16.94	17.7	0
5	64QAM	1	12	16.74	16.94	16.86	16.83	16.76		
5	64QAM	1	24	16.73	16.94	16.97	16.81	16.73		
5	64QAM	12	0	16.82	16.97	16.85	16.88	16.66	17.7	0
5	64QAM	12	7	16.55	16.70	16.81	16.90	16.86		
5	64QAM	12	13	16.75	16.98	16.79	16.75	16.81		
5	64QAM	25	0	16.82	16.82	16.97	16.88	16.82		
5	256QAM	1	0	16.87	16.95	16.98	16.93	16.91	17.7	0
5	256QAM	1	12	16.74	16.89	16.87	16.92	16.74		
5	256QAM	1	24	16.71	17.00	16.85	16.97	16.85		
5	256QAM	12	0	16.76	16.94	16.94	16.81	16.75	17.7	0
5	256QAM	12	7	16.56	16.73	16.78	16.91	16.68		
5	256QAM	12	13	16.67	16.71	16.83	16.74	16.77		
5	256QAM	25	0	16.80	16.91	17.00	16.85	16.77		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.87	17.94	17.82		
20	QPSK	1	49	17.69	17.88	17.65	19.5	0
20	QPSK	50	0	17.76	17.79	17.73		
20	QPSK	50	0	17.76	17.87	17.77		
20	QPSK	50	24	17.62	17.82	17.64	19.5	0
20	QPSK	50	50	17.64	17.80	17.70		
20	QPSK	100	0	17.80	17.81	17.80		
20	16QAM	1	0	17.65	17.72	17.77		
20	16QAM	1	49	17.63	17.70	17.66	19.5	0
20	16QAM	1	99	17.73	17.74	17.63		
20	16QAM	50	0	17.58	17.79	17.62		
20	16QAM	50	24	17.45	17.78	17.50	19.5	0
20	16QAM	50	50	17.55	17.61	17.52		
20	16QAM	100	0	17.66	17.67	17.78		
20	64QAM	1	0	17.70	17.80	17.77		
20	64QAM	1	49	17.63	17.82	17.56	19.5	0
20	64QAM	1	99	17.60	17.81	17.62		
20	64QAM	50	0	17.74	17.79	17.65		
20	64QAM	50	24	17.48	17.84	17.41	19.5	0
20	64QAM	50	50	17.56	17.62	17.61		
20	64QAM	100	0	17.65	17.66	17.79		
20	256QAM	1	0	17.36	17.38	17.37		
20	256QAM	1	49	17.27	17.36	17.17	19	0.5
20	256QAM	1	99	17.25	17.27	17.21		
20	256QAM	50	0	17.31	17.39	17.24		
20	256QAM	50	24	17.14	17.35	17.05	19	0.5
20	256QAM	50	50	17.27	17.12	17.12		
20	256QAM	100	0	17.24	17.36	17.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.82	17.82	17.78		
15	QPSK	1	37	17.55	17.77	17.54	19.5	0
15	QPSK	1	74	17.73	17.71	17.64		
15	QPSK	36	0	17.73	17.78	17.75		
15	QPSK	36	20	17.49	17.76	17.50	19.5	0
15	QPSK	36	39	17.52	17.75	17.64		
15	QPSK	75	0	17.70	17.78	17.69		
15	16QAM	1	0	17.56	17.64	17.64		
15	16QAM	1	37	17.50	17.66	17.58	19.5	0
15	16QAM	1	74	17.71	17.72	17.60		
15	16QAM	36	0	17.48	17.73	17.54		
15	16QAM	36	20	17.39	17.75	17.48	19.5	0
15	16QAM	36	39	17.51	17.52	17.44		
15	16QAM	75	0	17.63	17.59	17.68		
15	64QAM	1	0	17.68	17.69	17.64		
15	64QAM	1	37	17.57	17.71	17.42	19.5	0
15	64QAM	1	74	17.49	17.68	17.50		
15	64QAM	36	0	17.71	17.75	17.52		
15	64QAM	36	20	17.35	17.73	17.37	19.5	0
15	64QAM	36	39	17.46	17.59	17.49		
15	64QAM	75	0	17.63	17.56	17.65		
15	256QAM	1	0	17.29	17.36	17.27		
15	256QAM	1	37	17.24	17.28	17.14	19	0.5
15	256QAM	1	74	17.21	17.20	17.18		
15	256QAM	36	0	17.27	17.37	17.20		
15	256QAM	36	20	17.08	17.31	17.01	19	0.5
15	256QAM	36	39	17.09	17.20	16.99		
15	256QAM	75	0	17.15	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.84	17.81	17.78		
10	QPSK	1	25	17.56	17.77	17.51	19.5	0
10	QPSK	1	49	17.72	17.71	17.64		
10	QPSK	25	0	17.69	17.82	17.72		
10	QPSK	25	12	17.52	17.77	17.52	19.5	0
10	QPSK	25	25	17.58	17.70	17.62		
10	QPSK	50	0	17.68	17.79	17.66		
10	16QAM	1	0	17.56	17.60	17.74		
10	16QAM	1	25	17.51	17.65	17.57	19.5	0
10	16QAM	1	49	17.71	17.67	17.50		
10	16QAM	25	0	17.50	17.69	17.49		
10	16QAM	25	12	17.35	17.74	17.41	19.5	0
10	16QAM	25	25	17.44	17.51	17.49		
10	16QAM	50	0	17.60	17.58	17.69		
10	64QAM	1	0	17.63	17.75	17.71		
10	64QAM	1	25	17.52	17.75	17.47	19.5	0
10	64QAM	1	49	17.54	17.72	17.51		
10	64QAM	25	0	17.69	17.72	17.56		
10	64QAM	25	12	17.39	17.72	17.34	19.5	0
10	64QAM	25	25	17.45	17.59	17.54		
10	64QAM	50	0	17.61	17.58	17.73		
10	256QAM	1	0	17.30	17.33	17.23		
10	256QAM	1	25	17.21	17.27	17.05	19	0.5
10	256QAM	1	49	17.21	17.22	17.09		
10	256QAM	25	0	17.22	17.30	17.10		
10	256QAM	25	12	17.09	17.26	16.92	19	0.5
10	256QAM	25	25	17.05	17.19	17.00		
10	256QAM	50	0	17.12	17.33	17.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.78	17.87	17.76		
5	QPSK	1	12	17.66	17.85	17.55	19.5	0
5	QPSK	1	24	17.62	17.74	17.61		
5	QPSK	12	0	17.69	17.73	17.65		
5	QPSK	12	7	17.59	17.69	17.50	19.5	0
5	QPSK	12	13	17.58	17.75	17.59		
5	QPSK	25	0	17.68	17.73	17.75		
5	16QAM	1	0	17.59	17.64	17.70		
5	16QAM	1	12	17.55	17.65	17.62	19.5	0
5	16QAM	1	24	17.60	17.62	17.52		
5	16QAM	12	0	17.47	17.65	17.51		
5	16QAM	12	7	17.36	17.75	17.45	19.5	0
5	16QAM	12	13	17.47	17.54	17.39		
5	16QAM	25	0	17.54	17.62	17.65		
5	64QAM	1	0	17.58	17.74	17.65		
5	64QAM	1	12	17.51	17.76	17.49	19.5	0
5	64QAM	1	24	17.53	17.74	17.48		
5	64QAM	12	0	17.65	17.76	17.54		
5	64QAM	12	7	17.36	17.72	17.31	19.5	0
5	64QAM	12	13	17.52	17.53	17.53		
5	64QAM	25	0	17.55	17.52	17.69		
5	256QAM	1	0	17.33	17.27	17.30		
5	256QAM	1	12	17.17	17.28	17.13	19	0.5
5	256QAM	1	24	17.16	17.19	17.10		
5	256QAM	12	0	17.27	17.26	17.20		
5	256QAM	12	7	17.01	17.32	16.94	19	0.5
5	256QAM	12	13	17.03	17.17	17.08		
5	256QAM	25	0	17.22	17.32	17.26		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.74	17.87	17.74		
3	QPSK	1	8	17.64	17.80	17.59	19.5	0
3	QPSK	1	14	17.67	17.72	17.62		
3	QPSK	8	0	17.65	17.75	17.75		
3	QPSK	8	4	17.52	17.77	17.56	19.5	0
3	QPSK	8	7	17.56	17.75	17.63		
3	QPSK	15	0	17.70	17.70	17.67		
3	16QAM	1	0	17.57	17.64	17.70		
3	16QAM	1	8	17.59	17.66	17.63	19.5	0
3	16QAM	1	14	17.65	17.63	17.60		
3	16QAM	8	0	17.49	17.72	17.54		
3	16QAM	8	4	17.35	17.70	17.39	19.5	0
3	16QAM	8	7	17.44	17.47	17.50		
3	16QAM	15	0	17.55	17.54	17.68		
3	64QAM	1	0	17.63	17.78	17.66		
3	64QAM	1	8	17.57	17.75	17.49	19.5	0
3	64QAM	1	14	17.47	17.70	17.57		
3	64QAM	8	0	17.63	17.72	17.54		
3	64QAM	8	4	17.35	17.77	17.38	19.5	0
3	64QAM	8	7	17.51	17.58	17.58		
3	64QAM	15	0	17.52	17.56	17.76		
3	256QAM	1	0	17.30	17.33	17.29		
3	256QAM	1	8	17.17	17.25	17.06	19	0.5
3	256QAM	1	14	17.19	17.21	17.09		
3	256QAM	8	0	17.20	17.34	17.20		
3	256QAM	8	4	17.05	17.24	16.93	19	0.5
3	256QAM	8	7	17.07	17.20	17.02		
3	256QAM	15	0	17.20	17.31	17.30		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.79	17.83	17.75		
1.4	QPSK	1	3	17.65	17.81	17.59	19.5	0
1.4	QPSK	1	5	17.63	17.67	17.62		
1.4	QPSK	3	0	17.62	17.85	17.65		
1.4	QPSK	3	1	17.57	17.80	17.62		
1.4	QPSK	3	3	17.58	17.74	17.62		
1.4	QPSK	6	0	17.71	17.75	17.73	19.5	0
1.4	16QAM	1	0	17.62	17.62	17.73		
1.4	16QAM	1	3	17.58	17.57	17.55		
1.4	16QAM	1	5	17.61	17.70	17.54	19.5	0
1.4	16QAM	3	0	17.48	17.65	17.48		
1.4	16QAM	3	1	17.43	17.68	17.47		
1.4	16QAM	3	3	17.41	17.55	17.48		
1.4	16QAM	6	0	17.62	17.59	17.65	19.5	0
1.4	64QAM	1	0	17.64	17.68	17.68		
1.4	64QAM	1	3	17.55	17.68	17.48		
1.4	64QAM	1	5	17.48	17.76	17.51	19.5	0
1.4	64QAM	3	0	17.65	17.75	17.58		
1.4	64QAM	3	1	17.36	17.77	17.39		
1.4	64QAM	3	3	17.48	17.50	17.59		
1.4	64QAM	6	0	17.56	17.61	17.66	19.5	0
1.4	256QAM	1	0	17.28	17.28	17.29		
1.4	256QAM	1	3	17.16	17.25	17.05		
1.4	256QAM	1	5	17.16	17.21	17.12	19	0.5
1.4	256QAM	3	0	17.22	17.35	17.15		
1.4	256QAM	3	1	17.05	17.26	16.94		
1.4	256QAM	3	3	17.00	17.24	17.07		
1.4	256QAM	6	0	17.12	17.33	17.29	19	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.51	19.56	19.50		
20	QPSK	1	49	19.45	19.50	19.42	21	0
20	QPSK	50	0	19.38	19.46	19.46		
20	QPSK	50	0	19.46	19.49	19.40		
20	QPSK	50	24	19.42	19.47	19.37	21	0
20	QPSK	50	50	19.31	19.31	19.34		
20	QPSK	100	0	19.37	19.46	19.39		
20	16QAM	1	0	19.39	19.46	19.37		
20	16QAM	1	49	19.31	19.40	19.36	21	0
20	16QAM	1	99	19.36	19.40	19.41		
20	16QAM	50	0	19.36	19.44	19.42		
20	16QAM	50	24	19.36	19.45	19.37	21	0
20	16QAM	50	50	19.32	19.38	19.43		
20	16QAM	100	0	19.34	19.43	19.34		
20	64QAM	1	0	19.29	19.41	19.24		
20	64QAM	1	49	19.22	19.21	19.28	21	0
20	64QAM	1	99	19.30	19.32	19.26		
20	64QAM	50	0	19.39	19.48	19.37		
20	64QAM	50	24	19.43	19.48	19.36	21	0
20	64QAM	50	50	19.26	19.34	19.40		
20	64QAM	100	0	19.42	19.44	19.34		
20	256QAM	1	0	17.96	18.04	17.95		
20	256QAM	1	49	17.96	18.01	17.87	19.5	1.5
20	256QAM	1	99	17.84	17.90	17.95		
20	256QAM	50	0	17.90	18.04	17.86		
20	256QAM	50	24	17.94	17.94	17.82	19.5	1.5
20	256QAM	50	50	17.87	17.86	17.79		
20	256QAM	100	0	17.83	17.94	17.90		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.39	19.46	19.47		
15	QPSK	1	37	19.34	19.36	19.35	21	0
15	QPSK	1	74	19.32	19.38	19.39		
15	QPSK	36	0	19.33	19.45	19.28		
15	QPSK	36	20	19.28	19.36	19.25	21	0
15	QPSK	36	39	19.27	19.21	19.22		
15	QPSK	75	0	19.33	19.42	19.34		
15	16QAM	1	0	19.35	19.34	19.29		
15	16QAM	1	37	19.26	19.35	19.23	21	0
15	16QAM	1	74	19.33	19.39	19.29		
15	16QAM	36	0	19.32	19.33	19.30		
15	16QAM	36	20	19.34	19.32	19.23	21	0
15	16QAM	36	39	19.20	19.27	19.33		
15	16QAM	75	0	19.28	19.38	19.21		
15	64QAM	1	0	19.19	19.35	19.15		
15	64QAM	1	37	19.19	19.11	19.20	21	0
15	64QAM	1	74	19.22	19.19	19.20		
15	64QAM	36	0	19.27	19.44	19.34		
15	64QAM	36	20	19.41	19.25	19.25	21	0
15	64QAM	36	39	19.14	19.21	19.32		
15	64QAM	75	0	19.38	19.36	19.26		
15	256QAM	1	0	17.83	17.95	17.92		
15	256QAM	1	37	17.86	17.87	17.83	19.5	1.5
15	256QAM	1	74	17.75	17.79	17.83		
15	256QAM	36	0	17.78	17.97	17.77		
15	256QAM	36	20	17.88	17.84	17.76	19.5	1.5
15	256QAM	36	39	17.75	17.81	17.86		
15	256QAM	75	0	17.73	17.81	17.78		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.46	19.45	19.41		
10	QPSK	1	25	19.41	19.36	19.37	21	0
10	QPSK	1	49	19.24	19.37	19.38		
10	QPSK	25	0	19.41	19.36	19.31		
10	QPSK	25	12	19.35	19.35	19.32	21	0
10	QPSK	25	25	19.28	19.24	19.23		
10	QPSK	50	0	19.33	19.35	19.29		
10	16QAM	1	0	19.37	19.33	19.27		
10	16QAM	1	25	19.27	19.35	19.29	21	0
10	16QAM	1	49	19.26	19.28	19.28		
10	16QAM	25	0	19.34	19.37	19.39		
10	16QAM	25	12	19.29	19.41	19.28	21	0
10	16QAM	25	25	19.23	19.32	19.30		
10	16QAM	50	0	19.21	19.32	19.25		
10	64QAM	1	0	19.21	19.32	19.20		
10	64QAM	1	25	19.10	19.10	19.14	21	0
10	64QAM	1	49	19.28	19.26	19.13		
10	64QAM	25	0	19.36	19.37	19.31		
10	64QAM	25	12	19.41	19.38	19.29	21	0
10	64QAM	25	25	19.23	19.23	19.36		
10	64QAM	50	0	19.38	19.35	19.24		
10	256QAM	1	0	17.82	17.99	17.83		
10	256QAM	1	25	17.87	17.92	17.74	19.5	1.5
10	256QAM	1	49	17.77	17.80	17.88		
10	256QAM	25	0	17.79	17.94	17.79		
10	256QAM	25	12	17.87	17.81	17.79	19.5	1.5
10	256QAM	25	25	17.80	17.72	17.75		
10	256QAM	50	0	17.72	17.82	17.81		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.42	19.46	19.44		
5	QPSK	1	12	19.42	19.47	19.38	21	0
5	QPSK	1	24	19.30	19.39	19.39		
5	QPSK	12	0	19.40	19.45	19.28		
5	QPSK	12	7	19.34	19.38	19.26	21	0
5	QPSK	12	13	19.26	19.18	19.22		
5	QPSK	25	0	19.35	19.40	19.27		
5	16QAM	1	0	19.34	19.38	19.31		
5	16QAM	1	12	19.25	19.31	19.26	21	0
5	16QAM	1	24	19.24	19.36	19.37		
5	16QAM	12	0	19.25	19.40	19.32		
5	16QAM	12	7	19.23	19.43	19.29	21	0
5	16QAM	12	13	19.25	19.29	19.29		
5	16QAM	25	0	19.22	19.40	19.26		
5	64QAM	1	0	19.23	19.35	19.17		
5	64QAM	1	12	19.10	19.10	19.24	21	0
5	64QAM	1	24	19.16	19.30	19.22		
5	64QAM	12	0	19.34	19.38	19.26		
5	64QAM	12	7	19.34	19.43	19.24	21	0
5	64QAM	12	13	19.16	19.24	19.37		
5	64QAM	25	0	19.29	19.37	19.25		
5	256QAM	1	0	17.83	18.01	17.81		
5	256QAM	1	12	17.86	17.93	17.77	19.5	1.5
5	256QAM	1	24	17.72	17.83	17.93		
5	256QAM	12	0	17.78	17.92	17.72		
5	256QAM	12	7	17.87	17.90	17.69	19.5	1.5
5	256QAM	12	13	17.81	17.80	17.66		
5	256QAM	25	0	17.77	17.86	17.85		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.44	19.42	19.44		
3	QPSK	1	8	19.41	19.41	19.40	21	0
3	QPSK	1	14	19.35	19.38	19.33		
3	QPSK	8	0	19.40	19.42	19.29		
3	QPSK	8	4	19.31	19.43	19.28	21	0
3	QPSK	8	7	19.28	19.23	19.27		
3	QPSK	15	0	19.26	19.33	19.27		
3	16QAM	1	0	19.36	19.44	19.32		
3	16QAM	1	8	19.25	19.33	19.26	21	0
3	16QAM	1	14	19.28	19.28	19.29		
3	16QAM	8	0	19.31	19.37	19.36		
3	16QAM	8	4	19.22	19.42	19.25	21	0
3	16QAM	8	7	19.24	19.29	19.35		
3	16QAM	15	0	19.23	19.41	19.24		
3	64QAM	1	0	19.20	19.31	19.19		
3	64QAM	1	8	19.11	19.11	19.17	21	0
3	64QAM	1	14	19.27	19.30	19.20		
3	64QAM	8	0	19.31	19.45	19.33		
3	64QAM	8	4	19.36	19.46	19.26	21	0
3	64QAM	8	7	19.18	19.31	19.34		
3	64QAM	15	0	19.34	19.32	19.21		
3	256QAM	1	0	17.86	17.99	17.84		
3	256QAM	1	8	17.89	17.96	17.80	19.5	1.5
3	256QAM	1	14	17.72	17.78	17.92		
3	256QAM	8	0	17.87	18.00	17.72		
3	256QAM	8	4	17.91	17.81	17.76	19.5	1.5
3	256QAM	8	7	17.81	17.81	17.70		
3	256QAM	15	0	17.77	17.90	17.78		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.45	19.48	19.37		
1.4	QPSK	1	3	19.42	19.43	19.32	21	0
1.4	QPSK	1	5	19.34	19.35	19.34		
1.4	QPSK	3	0	19.41	19.44	19.31		
1.4	QPSK	3	1	19.34	19.36	19.24		
1.4	QPSK	3	3	19.19	19.22	19.30		
1.4	QPSK	6	0	19.30	19.41	19.25	21	0
1.4	16QAM	1	0	19.32	19.43	19.26		
1.4	16QAM	1	3	19.29	19.33	19.29		
1.4	16QAM	1	5	19.26	19.32	19.38	21	0
1.4	16QAM	3	0	19.29	19.37	19.30		
1.4	16QAM	3	1	19.34	19.35	19.28		
1.4	16QAM	3	3	19.22	19.34	19.39		
1.4	16QAM	6	0	19.29	19.30	19.29	21	0
1.4	64QAM	1	0	19.21	19.28	19.21		
1.4	64QAM	1	3	19.13	19.13	19.25		
1.4	64QAM	1	5	19.24	19.29	19.23	21	0
1.4	64QAM	3	0	19.30	19.35	19.30		
1.4	64QAM	3	1	19.38	19.37	19.23		
1.4	64QAM	3	3	19.20	19.27	19.36		
1.4	64QAM	6	0	19.29	19.32	19.25	21	0
1.4	256QAM	1	0	17.89	17.97	17.92		
1.4	256QAM	1	3	17.84	17.87	17.83		
1.4	256QAM	1	5	17.74	17.79	17.85	19.5	1.5
1.4	256QAM	3	0	17.82	17.94	17.82		
1.4	256QAM	3	1	17.82	17.85	17.70		
1.4	256QAM	3	3	17.77	17.83	17.72		
1.4	256QAM	6	0	17.70	17.83	17.77	19.5	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.93	19.97	19.94		
20	QPSK	1	49	19.84	19.84	19.84	21.5	0
20	QPSK	1	99	19.86	19.87	19.86		
20	QPSK	50	0	19.88	19.94	19.88		
20	QPSK	50	24	19.72	19.77	19.79	21.5	0
20	QPSK	50	50	19.79	19.77	19.81		
20	QPSK	100	0	19.84	19.93	19.81		
20	16QAM	1	0	19.83	19.95	19.82		
20	16QAM	1	49	19.72	19.71	19.71	21.5	0
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	22.22	22.27	22.21	23.5	0
20	QPSK	1	49	22.08	22.24	22.18		
20	QPSK	1	99	22.18	22.21	22.09		
20	QPSK	50	0	21.21	21.30	21.22	22.5	1
20	QPSK	50	24	21.04	21.20	21.14		
20	QPSK	50	50	21.14	21.25	21.05		
20	QPSK	100	0	21.25	21.26	21.19		
20	16QAM	1	0	21.19	21.25	21.21	22.5	1
20	16QAM	1	49	21.02	21.20	21.14		
20	16QAM	1	99	21.20	21.24	21.12		
20	16QAM	50	0	20.25	20.34	20.21	21.5	2
20	16QAM	50	24	20.05	20.19	20.09		
20	16QAM	50	50	20.14	20.24	20.08		
20	16QAM	100	0	20.23	20.22	20.22		
20	64QAM	1	0	20.17	20.27	20.22	21.5	2
20	64QAM	1	49	20.01	20.21	20.18		
20	64QAM	1	99	20.19	20.18	20.10		
20	64QAM	50	0	19.19	19.33	19.21	20.5	3
20	64QAM	50	24	19.07	19.24	19.18		
20	64QAM	50	50	19.12	19.23	19.03		
20	64QAM	100	0	19.20	19.29	19.17		
20	256QAM	1	0	17.26	17.34	17.26	18.5	5
20	256QAM	1	49	17.00	17.19	17.18		
20	256QAM	1	99	17.10	17.29	17.05		
20	256QAM	50	0	17.29	17.30	17.21	18.5	5
20	256QAM	50	24	17.20	17.26	17.21		
20	256QAM	50	50	17.01	17.23	17.11		
20	256QAM	100	0	17.14	17.29	17.18		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.12	22.19	22.10	23.5	0
15	QPSK	1	37	22.04	22.20	22.05		
15	QPSK	1	74	22.15	22.12	22.02		
15	QPSK	36	0	21.12	21.23	21.08	22.5	1
15	QPSK	36	20	20.91	21.12	21.03		
15	QPSK	36	39	21.07	21.18	20.96		
15	QPSK	75	0	21.17	21.17	21.12		
15	16QAM	1	0	21.16	21.16	21.17	22.5	1
15	16QAM	1	37	20.88	21.10	21.04		
15	16QAM	1	74	21.17	21.10	20.99		
15	16QAM	36	0	20.21	20.23	20.12	21.5	2
15	16QAM	36	20	20.00	20.07	19.96		
15	16QAM	36	39	20.06	20.18	19.98		
15	16QAM	75	0	20.18	20.18	20.10		
15	64QAM	1	0	20.13	20.20	20.09	21.5	2
15	64QAM	1	37	19.89	20.18	20.11		
15	64QAM	1	74	20.16	20.10	19.99		
15	64QAM	36	0	19.17	19.30	19.13	20.5	3
15	64QAM	36	20	19.00	19.18	19.11		
15	64QAM	36	39	19.05	19.19	18.98		
15	64QAM	75	0	19.12	19.25	19.09		
15	256QAM	1	0	17.22	17.30	17.24	18.5	5
15	256QAM	1	37	16.96	17.12	17.05		
15	256QAM	1	74	17.05	17.16	16.98		
15	256QAM	36	0	17.17	17.20	17.17	18.5	5
15	256QAM	36	20	17.09	17.16	17.17		
15	256QAM	36	39	16.90	17.16	17.09		
15	256QAM	75	0	17.07	17.21	17.15		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.08	22.16	22.13	23.5	0
10	QPSK	1	25	21.94	22.16	22.15		
10	QPSK	1	49	22.13	22.15	22.03		
10	QPSK	25	0	21.10	21.25	21.10	22.5	1
10	QPSK	25	12	20.92	21.08	21.08		
10	QPSK	25	25	21.01	21.21	20.96		
10	QPSK	50	0	21.22	21.19	21.10		
10	16QAM	1	0	21.13	21.15	21.13	22.5	1
10	16QAM	1	25	20.93	21.12	21.08		
10	16QAM	1	49	21.15	21.21	21.09		
10	16QAM	25	0	20.22	20.28	20.09	21.5	2
10	16QAM	25	12	20.02	20.11	20.00		
10	16QAM	25	25	20.10	20.17	20.02		
10	16QAM	50	0	20.13	20.11	20.12		
10	64QAM	1	0	20.04	20.18	20.16	21.5	2
10	64QAM	1	25	19.87	20.13	20.16		
10	64QAM	1	49	20.05	20.13	19.99		
10	64QAM	25	0	19.12	19.29	19.14	20.5	3
10	64QAM	25	12	19.05	19.16	19.16		
10	64QAM	25	25	19.00	19.10	18.94		
10	64QAM	50	0	19.07	19.18	19.08		
10	256QAM	1	0	17.21	17.26	17.14	18.5	5
10	256QAM	1	25	16.91	17.06	17.08		
10	256QAM	1	49	17.07	17.23	16.98		
10	256QAM	25	0	17.16	17.18	17.19	18.5	5
10	256QAM	25	12	17.09	17.17	17.15		
10	256QAM	25	25	16.95	17.11	17.00		
10	256QAM	50	0	17.11	17.18	17.11		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.13	22.15	22.07	23.5	0
5	QPSK	1	12	21.99	22.19	22.08		
5	QPSK	1	24	22.06	22.08	22.06		
5	QPSK	12	0	21.16	21.20	21.09	22.5	1
5	QPSK	12	7	20.97	21.10	21.07		
5	QPSK	12	13	21.04	21.19	20.92		
5	QPSK	25	0	21.18	21.23	21.08		
5	16QAM	1	0	21.15	21.14	21.13	22.5	1
5	16QAM	1	12	20.93	21.09	21.03		
5	16QAM	1	24	21.14	21.21	21.06		
5	16QAM	12	0	20.22	20.23	20.13	21.5	2
5	16QAM	12	7	19.95	20.14	20.03		
5	16QAM	12	13	20.02	20.21	19.99		
5	16QAM	25	0	20.10	20.17	20.16		
5	64QAM	1	0	20.05	20.20	20.10	21.5	2
5	64QAM	1	12	19.88	20.16	20.13		
5	64QAM	1	24	20.16	20.06	20.04		
5	64QAM	12	0	19.13	19.24	19.08	20.5	3
5	64QAM	12	7	19.02	19.21	19.10		
5	64QAM	12	13	19.03	19.20	18.92		
5	64QAM	25	0	19.07	19.20	19.13		
5	256QAM	1	0	17.17	17.29	17.19	18.5	5
5	256QAM	1	12	16.94	17.11	17.12		
5	256QAM	1	24	17.05	17.18	16.93		
5	256QAM	12	0	17.23	17.23	17.16	18.5	5
5	256QAM	12	7	17.16	17.20	17.10		
5	256QAM	12	13	16.89	17.11	17.02		
5	256QAM	25	0	17.04	17.25	17.14		

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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	18.53	18.53	18.61	18.54	18.52	20	0
20	QPSK	1	49	18.50	18.49	18.56	18.57	18.26		
20	QPSK	1	99	18.37	18.52	18.58	18.50	18.32		
20	QPSK	50	0	18.52	18.52	18.59	18.49	18.43	20	0
20	QPSK	50	24	18.39	18.33	18.46	18.46	18.31		
20	QPSK	50	50	18.25	18.46	18.51	18.48	18.29		
20	QPSK	100	0	18.43	18.54	18.57	18.48	18.42		
20	16QAM	1	0	18.42	18.41	18.55	18.44	18.44	20	0
20	16QAM	1	49	18.47	18.38	18.48	18.50	18.16		
20	16QAM	1	99	18.31	18.49	18.47	18.47	18.21		
20	16QAM	50	0	18.43	18.40	18.46	18.44	18.32	20	0
20	16QAM	50	24	18.29	18.21	18.33	18.37	18.26		
20	16QAM	50	50	18.23	18.40	18.44	18.35	18.15		
20	16QAM	100	0	18.37	18.51	18.48	18.42	18.31		
20	64QAM	1	0	18.41	18.47	18.56	18.40	18.38	20	0
20	64QAM	1	49	18.41	18.40	18.54	18.44	18.13		
20	64QAM	1	99	18.24	18.48	18.53	18.46	18.19		
20	64QAM	50	0	18.44	18.44	18.57	18.43	18.29	20	0
20	64QAM	50	24	18.27	18.25	18.37	18.37	18.26		
20	64QAM	50	50	18.16	18.39	18.45	18.35	18.15		
20	64QAM	100	0	18.38	18.50	18.49	18.40	18.38		
20	256QAM	1	0	17.11	17.09	17.11	17.09	17.05	18.5	1.5
20	256QAM	1	49	16.92	16.96	17.11	17.04	16.82		
20	256QAM	1	99	16.80	17.09	17.06	16.97	16.91		
20	256QAM	50	0	16.98	17.04	17.03	16.90	17.00	18.5	1.5
20	256QAM	50	24	16.88	16.87	16.94	17.02	16.77		
20	256QAM	50	50	16.76	16.94	17.01	16.96	16.77		
20	256QAM	100	0	16.95	16.96	17.03	17.05	17.00		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.42	18.44	18.53	18.43	18.38	20.00	0
15	QPSK	1	37	18.39	18.44	18.49	18.49	18.17		
15	QPSK	1	74	18.35	18.47	18.49	18.46	18.27		
15	QPSK	36	0	18.40	18.46	18.49	18.42	18.33	20	0
15	QPSK	36	20	18.25	18.20	18.41	18.42	18.17		
15	QPSK	36	39	18.19	18.39	18.40	18.41	18.15		
15	QPSK	75	0	18.32	18.46	18.54	18.44	18.40		
15	16QAM	1	0	18.39	18.27	18.53	18.38	18.32	20	0
15	16QAM	1	37	18.45	18.25	18.37	18.37	18.06		
15	16QAM	1	74	18.25	18.46	18.37	18.38	18.16		
15	16QAM	36	0	18.33	18.28	18.35	18.32	18.25	20	0
15	16QAM	36	20	18.15	18.19	18.26	18.25	18.16		
15	16QAM	36	39	18.14	18.36	18.31	18.32	18.03		
15	16QAM	75	0	18.33	18.45	18.44	18.36	18.25		
15	64QAM	1	0	18.32	18.37	18.44	18.34	18.25	20	0
15	64QAM	1	37	18.28	18.32	18.50	18.40	18.02		
15	64QAM	1	74	18.11	18.38	18.45	18.34	18.14		
15	64QAM	36	0	18.38	18.37	18.44	18.33	18.19	20	0
15	64QAM	36	20	18.15	18.18	18.33	18.23	18.22		
15	64QAM	36	39	18.06	18.33	18.35	18.26	18.07		
15	64QAM	75	0	18.29	18.46	18.35	18.35	18.33		
15	256QAM	1	0	17.06	16.97	17.00	16.96	16.94	18.5	1.5
15	256QAM	1	37	16.85	16.83	17.02	16.99	16.78		
15	256QAM	1	74	16.78	17.01	17.03	16.93	16.87		
15	256QAM	36	0	16.88	17.00	16.90	16.84	16.88	18.5	1.5
15	256QAM	36	20	16.78	16.79	16.84	16.91	16.71		
15	256QAM	36	39	16.73	16.82	16.94	16.82	16.68		
15	256QAM	75	0	16.82	16.88	16.98	16.95	16.89		
Channel				39700	40150	40600	41050	41500	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.48	18.45	18.57	18.41	18.41	20.00	0
10	QPSK	1	25	18.41	18.46	18.51	18.54	18.21		
10	QPSK	1	49	18.27	18.46	18.44	18.43	18.22		
10	QPSK	25	0	18.49	18.43	18.46	18.45	18.36	20	0
10	QPSK	25	12	18.29	18.29	18.41	18.32	18.26		
10	QPSK	25	25	18.17	18.43	18.39	18.45	18.21		
10	QPSK	50	0	18.33	18.41	18.48	18.42	18.33		
10	16QAM	1	0	18.38	18.34	18.43	18.41	18.33	20	0
10	16QAM	1	25	18.36	18.28	18.43	18.37	18.09		
10	16QAM	1	49	18.23	18.45	18.38	18.36	18.17		
10	16QAM	25	0	18.40	18.29	18.32	18.35	18.29	20	0
10	16QAM	25	12	18.15	18.07	18.22	18.34	18.14		
10	16QAM	25	25	18.10	18.37	18.35	18.22	18.02		
10	16QAM	50	0	18.30	18.44	18.40	18.30	18.29		
10	64QAM	1	0	18.33	18.39	18.43	18.28	18.30	20	0
10	64QAM	1	25	18.31	18.33	18.41	18.41	18.04		
10	64QAM	1	49	18.19	18.45	18.42	18.32	18.16		
10	64QAM	25	0	18.32	18.31	18.49	18.36	18.20	20	0
10	64QAM	25	12	18.24	18.20	18.26	18.30	18.13		
10	64QAM	25	25	18.11	18.29	18.36	18.26	18.06		
10	64QAM	50	0	18.26	18.42	18.45	18.35	18.33		
10	256QAM	1	0	17.08	17.05	17.03	17.00	17.00	18.5	1.5
10	256QAM	1	25	16.83	16.93	17.08	16.99	16.70		
10	256QAM	1	49	16.72	16.98	16.99	16.84	16.82		
10	256QAM	25	0	16.87	17.00	16.95	16.81	16.94	18.5	1.5
10	256QAM	25	12	16.82	16.83	16.89	16.96	16.70		
10	256QAM	25	25	16.68	16.90	16.96	16.83	16.71		
10	256QAM	50	0	16.87	16.93	16.99	16.99	16.91		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.46	18.42	18.52	18.49	18.43	20.00	0
5	QPSK	1	12	18.41	18.43	18.42	18.44	18.17		
5	QPSK	1	24	18.26	18.39	18.56	18.37	18.25		
5	QPSK	12	0	18.47	18.41	18.48	18.46	18.34	20	0
5	QPSK	12	7	18.36	18.24	18.36	18.39	18.25		
5	QPSK	12	13	18.13	18.34	18.47	18.38	18.25		
5	QPSK	25	0	18.39	18.52	18.48	18.38	18.32		
5	16QAM	1	0	18.35	18.35	18.49	18.39	18.33	20	0
5	16QAM	1	12	18.34	18.36	18.35	18.44	18.04		
5	16QAM	1	24	18.27	18.40	18.37	18.34	18.08		
5	16QAM	12	0	18.40	18.33	18.41	18.40	18.21	20	0
5	16QAM	12	7	18.19	18.14	18.31	18.25	18.22		
5	16QAM	12	13	18.10	18.30	18.41	18.27	18.06		
5	16QAM	25	0	18.31	18.40	18.45	18.33	18.18		
5	64QAM	1	0	18.36	18.40	18.52	18.37	18.25	20	0
5	64QAM	1	12	18.34	18.31	18.47	18.31	18.08		
5	64QAM	1	24	18.20	18.39	18.49	18.36	18.14		
5	64QAM	12	0	18.42	18.31	18.51	18.31	18.20	20	0
5	64QAM	12	7	18.18	18.14	18.28	18.32	18.22		
5	64QAM	12	13	18.14	18.29	18.36	18.22	18.10		
5	64QAM	25	0	18.30	18.39	18.45	18.29	18.25		
5	256QAM	1	0	16.98	17.01	16.98	16.95	16.99	18.5	1.5
5	256QAM	1	12	16.85	16.83	17.04	16.93	16.76		
5	256QAM	1	24	16.76	17.07	16.95	16.84	16.79		
5	256QAM	12	0	16.93	17.02	16.96	16.78	16.88	18.5	1.5
5	256QAM	12	7	16.84	16.77	16.80	16.90	16.66		
5	256QAM	12	13	16.68	16.82	16.94	16.88	16.67		
5	256QAM	25	0	16.86	16.92	16.90	16.95	16.92		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.14	20.18	20.14	20.7	0
20	QPSK	1	49	19.93	20.16	19.94		
20	QPSK	1	99	19.94	19.98	19.92		
20	QPSK	50	0	19.98	20.16	19.99	20.7	0
20	QPSK	50	24	19.83	19.99	19.93		
20	QPSK	50	50	19.91	20.06	19.94		
20	QPSK	100	0	20.05	20.14	20.08		
20	16QAM	1	0	20.04	20.12	20.04	20.7	0
20	16QAM	1	49	19.86	20.09	19.89		
20	16QAM	1	99	19.96	19.97	19.90		
20	16QAM	50	0	20.00	19.95	19.91	20.7	0
20	16QAM	50	24	19.77	19.85	19.91		
20	16QAM	50	50	19.80	20.03	19.94		
20	16QAM	100	0	19.97	20.01	19.90		
20	64QAM	1	0	20.00	20.06	20.09	20.7	0
20	64QAM	1	49	19.85	20.05	19.90		
20	64QAM	1	99	19.92	19.95	19.88		
20	64QAM	50	0	19.93	20.06	19.97	20.7	0
20	64QAM	50	24	19.70	19.97	19.89		
20	64QAM	50	50	19.82	19.93	19.91		
20	64QAM	100	0	19.90	20.07	19.87		
20	256QAM	1	0	20.08	20.08	20.05	20.7	0
20	256QAM	1	49	19.81	20.06	19.94		
20	256QAM	1	99	19.92	19.96	19.91		
20	256QAM	50	0	19.88	19.97	19.92	20.7	0
20	256QAM	50	24	19.76	20.00	19.88		
20	256QAM	50	50	19.80	19.98	19.95		
20	256QAM	100	0	19.99	20.09	19.87		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.03	20.07	20.01	20.7	0
15	QPSK	1	37	19.81	20.09	19.81		
15	QPSK	1	74	19.90	19.96	19.85		
15	QPSK	36	0	19.90	20.08	19.92	20.7	0
15	QPSK	36	20	19.76	19.93	19.90		
15	QPSK	36	39	19.81	19.95	19.83		
15	QPSK	75	0	20.03	20.03	20.02		
15	16QAM	1	0	19.91	20.07	19.95	20.7	0
15	16QAM	1	37	19.78	19.96	19.81		
15	16QAM	1	74	19.83	19.87	19.83		
15	16QAM	36	0	19.97	19.91	19.87	20.7	0
15	16QAM	36	20	19.75	19.81	19.82		
15	16QAM	36	39	19.71	19.92	19.85		
15	16QAM	75	0	19.84	19.93	19.85		
15	64QAM	1	0	19.90	20.03	20.05	20.7	0
15	64QAM	1	37	19.75	20.01	19.85		
15	64QAM	1	74	19.81	19.84	19.74		
15	64QAM	36	0	19.89	19.94	19.86	20.7	0
15	64QAM	36	20	19.62	19.94	19.81		
15	64QAM	36	39	19.71	19.91	19.87		
15	64QAM	75	0	19.81	20.02	19.81		
15	256QAM	1	0	19.98	19.96	19.94	20.7	0
15	256QAM	1	37	19.70	20.03	19.82		
15	256QAM	1	74	19.88	19.90	19.83		
15	256QAM	36	0	19.79	19.95	19.84	20.7	0
15	256QAM	36	20	19.66	19.95	19.84		
15	256QAM	36	39	19.70	19.94	19.92		
15	256QAM	75	0	19.90	19.97	19.79		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.03	20.15	20.06	20.7	0
10	QPSK	1	25	19.84	20.02	19.82		
10	QPSK	1	49	19.90	19.96	19.86		
10	QPSK	25	0	19.90	20.08	19.92	20.7	0
10	QPSK	25	12	19.72	19.85	19.84		
10	QPSK	25	25	19.79	19.96	19.84		
10	QPSK	50	0	19.94	20.03	19.96		
10	16QAM	1	0	19.97	20.02	19.97	20.7	0
10	16QAM	1	25	19.81	19.98	19.83		
10	16QAM	1	49	19.86	19.93	19.78		
10	16QAM	25	0	19.90	19.87	19.80	20.7	0
10	16QAM	25	12	19.69	19.77	19.88		
10	16QAM	25	25	19.77	20.00	19.88		
10	16QAM	50	0	19.86	19.88	19.78		
10	64QAM	1	0	19.93	19.99	19.98	20.7	0
10	64QAM	1	25	19.79	19.92	19.80		
10	64QAM	1	49	19.89	19.89	19.74		
10	64QAM	25	0	19.85	19.97	19.93	20.7	0
10	64QAM	25	12	19.57	19.95	19.79		
10	64QAM	25	25	19.70	19.88	19.82		
10	64QAM	50	0	19.77	19.94	19.74		
10	256QAM	1	0	20.03	20.01	19.95	20.7	0
10	256QAM	1	25	19.68	19.97	19.91		
10	256QAM	1	49	19.82	19.91	19.84		
10	256QAM	25	0	19.81	19.93	19.86	20.7	0
10	256QAM	25	12	19.73	19.97	19.82		
10	256QAM	25	25	19.67	19.85	19.86		
10	256QAM	50	0	19.96	19.96	19.83		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.08	20.10	20.03	20.7	0
5	QPSK	1	12	19.83	20.11	19.85		
5	QPSK	1	24	19.88	19.93	19.82		
5	QPSK	12	0	19.95	20.10	19.90	20.7	0
5	QPSK	12	7	19.76	19.91	19.90		
5	QPSK	12	13	19.87	19.98	19.91		
5	QPSK	25	0	19.99	20.10	20.02		
5	16QAM	1	0	19.92	20.07	19.98	20.7	0
5	16QAM	1	12	19.76	20.00	19.80		
5	16QAM	1	24	19.82	19.92	19.87		
5	16QAM	12	0	19.95	19.86	19.79	20.7	0
5	16QAM	12	7	19.68	19.72	19.78		
5	16QAM	12	13	19.70	20.00	19.84		
5	16QAM	25	0	19.85	19.98	19.86		
5	64QAM	1	0	19.90	19.94	19.96	20.7	0
5	64QAM	1	12	19.74	19.93	19.83		
5	64QAM	1	24	19.87	19.90	19.74		
5	64QAM	12	0	19.82	19.95	19.90	20.7	0
5	64QAM	12	7	19.65	19.87	19.78		
5	64QAM	12	13	19.75	19.85	19.84		
5	64QAM	25	0	19.77	19.98	19.80		
5	256QAM	1	0	20.00	19.97	19.97	20.7	0
5	256QAM	1	12	19.71	19.95	19.88		
5	256QAM	1	24	19.89	19.86	19.84		
5	256QAM	12	0	19.75	19.86	19.80	20.7	0
5	256QAM	12	7	19.70	19.92	19.85		
5	256QAM	12	13	19.67	19.86	19.82		
5	256QAM	25	0	19.88	19.99	19.73		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.12	18.18	18.14	18.10	18.7	0
20	QPSK	1	49	17.98	18.14	18.11	17.99		
20	QPSK	1	99	18.03	18.12	18.13	17.92		
20	QPSK	50	0	17.94	18.16	18.08	17.97	18.7	0
20	QPSK	50	24	17.87	17.98	18.00	17.78		
20	QPSK	50	50	18.01	18.03	18.05	17.81		
20	QPSK	100	0	17.96	18.14	18.01	18.01		
20	16QAM	1	0	17.96	18.04	18.08	18.03	18.7	0
20	16QAM	1	49	17.95	18.03	17.96	17.94		
20	16QAM	1	99	18.07	18.06	18.05	17.80		
20	16QAM	50	0	17.96	18.01	18.06	17.89	18.7	0
20	16QAM	50	24	17.80	17.82	17.84	17.71		
20	16QAM	50	50	17.88	18.07	17.94	17.76		
20	16QAM	100	0	18.00	18.10	17.97	17.85		
20	64QAM	1	0	17.93	18.09	18.01	17.96	18.7	0
20	64QAM	1	49	17.94	18.10	17.99	17.78		
20	64QAM	1	99	17.94	17.96	18.06	17.82		
20	64QAM	50	0	17.97	18.04	18.04	17.89	18.7	0
20	64QAM	50	24	17.81	17.87	17.91	17.80		
20	64QAM	50	50	17.93	17.96	17.95	17.77		
20	64QAM	100	0	17.92	18.08	17.95	17.85		
20	256QAM	1	0	17.94	18.06	18.09	17.89	18.7	0
20	256QAM	1	49	17.92	18.09	17.89	17.87		
20	256QAM	1	99	17.96	18.04	18.06	17.86		
20	256QAM	50	0	17.95	18.10	18.07	17.94	18.7	0
20	256QAM	50	24	17.79	17.95	17.95	17.81		
20	256QAM	50	50	17.93	17.94	17.94	17.78		
20	256QAM	100	0	17.89	18.04	17.94	17.81		
Channel				55315	55820	56160	56865	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.09	18.15	18.04	18.03	18.7	0
15	QPSK	1	37	17.85	18.10	17.99	17.95		
15	QPSK	1	74	17.93	18.07	18.08	17.83		
15	QPSK	36	0	17.91	18.07	18.02	17.94	18.7	0
15	QPSK	36	20	17.85	17.90	17.93	17.69		
15	QPSK	36	39	17.87	17.91	18.01	17.77		
15	QPSK	75	0	17.92	18.09	17.95	17.96		
15	16QAM	1	0	17.84	17.94	18.03	17.97	18.7	0
15	16QAM	1	37	17.88	17.93	17.88	17.88		
15	16QAM	1	74	18.05	18.04	17.93	17.66		
15	16QAM	36	0	17.84	17.94	18.03	17.81	18.7	0
15	16QAM	36	20	17.74	17.75	17.74	17.57		
15	16QAM	36	39	17.81	18.03	17.87	17.66		
15	16QAM	75	0	17.90	18.01	17.84	17.73		
15	64QAM	1	0	17.81	18.00	17.91	17.82	18.7	0
15	64QAM	1	37	17.86	18.00	17.92	17.64		
15	64QAM	1	74	17.83	17.86	17.97	17.79		
15	64QAM	36	0	17.89	17.97	18.01	17.83	18.7	0
15	64QAM	36	20	17.71	17.77	17.80	17.71		
15	64QAM	36	39	17.90	17.88	17.90	17.66		
15	64QAM	75	0	17.85	18.06	17.87	17.77		
15	256QAM	1	0	17.86	17.92	17.98	17.80	18.7	0
15	256QAM	1	37	17.87	18.05	17.80	17.85		
15	256QAM	1	74	17.91	17.92	18.03	17.74		
15	256QAM	36	0	17.82	18.06	18.01	17.80	18.7	0
15	256QAM	36	20	17.76	17.83	17.82	17.79		
15	256QAM	36	39	17.88	17.83	17.90	17.65		
15	256QAM	75	0	17.81	17.99	17.88	17.79		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.04	18.14	18.04	17.99	18.7	0
10	QPSK	1	25	17.96	18.01	18.00	17.86		
10	QPSK	1	49	17.94	18.10	18.07	17.88		
10	QPSK	25	0	17.92	18.03	18.02	17.91	18.7	0
10	QPSK	25	12	17.73	17.95	17.90	17.74		
10	QPSK	25	25	17.96	18.01	17.97	17.71		
10	QPSK	50	0	17.86	18.05	17.89	17.95		
10	16QAM	1	0	17.93	17.95	18.01	17.93	18.7	0
10	16QAM	1	25	17.89	17.93	17.94	17.82		
10	16QAM	1	49	18.03	17.97	18.02	17.73		
10	16QAM	25	0	17.85	17.95	17.94	17.75	18.7	0
10	16QAM	25	12	17.68	17.70	17.71	17.67		
10	16QAM	25	25	17.75	17.97	17.89	17.66		
10	16QAM	50	0	17.86	18.01	17.90	17.77		
10	64QAM	1	0	17.85	17.99	17.99	17.91	18.7	0
10	64QAM	1	25	17.82	17.98	17.94	17.73		
10	64QAM	1	49	17.81	17.85	18.02	17.78		
10	64QAM	25	0	17.84	18.02	17.93	17.81	18.7	0
10	64QAM	25	12	17.72	17.74	17.84	17.74		
10	64QAM	25	25	17.87	17.94	17.83	17.70		
10	64QAM	50	0	17.89	17.97	17.84	17.74		
10	256QAM	1	0	17.89	17.95	18.04	17.78	18.7	0
10	256QAM	1	25	17.82	18.05	17.75	17.80		
10	256QAM	1	49	17.92	17.91	18.04	17.73		
10	256QAM	25	0	17.85	18.08	18.05	17.89	18.7	0
10	256QAM	25	12	17.72	17.88	17.85	17.75		
10	256QAM	25	25	17.83	17.81	17.81	17.69		
10	256QAM	50	0	17.86	17.94	17.80	17.73		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.00	18.08	18.06	18.05	18.7	0
5	QPSK	1	12	17.87	18.01	18.02	17.91		
5	QPSK	1	24	17.99	18.04	18.08	17.81		
5	QPSK	12	0	17.88	18.03	18.00	17.90	18.7	0
5	QPSK	12	7	17.76	17.85	17.94	17.72		
5	QPSK	12	13	17.92	17.97	18.00	17.75		
5	QPSK	25	0	17.85	18.02	17.98	17.89		
5	16QAM	1	0	17.84	17.97	18.05	17.99	18.7	0
5	16QAM	1	12	17.89	17.96	17.82	17.92		
5	16QAM	1	24	17.96	18.01	17.98	17.69		
5	16QAM	12	0	17.92	17.89	17.92	17.81	18.7	0
5	16QAM	12	7	17.77	17.69	17.82	17.58		
5	16QAM	12	13	17.78	17.94	17.80	17.65		
5	16QAM	25	0	17.91	18.02	17.83	17.74		
5	64QAM	1	0	17.80	18.07	17.87	17.87	18.7	0
5	64QAM	1	12	17.88	17.99	17.89	17.65		
5	64QAM	1	24	17.84	17.93	17.94	17.79		
5	64QAM	12	0	17.92	17.91	17.99	17.81	18.7	0
5	64QAM	12	7	17.73	17.79	17.79	17.72		
5	64QAM	12	13	17.89	17.87	17.88	17.74		
5	64QAM	25	0	17.87	17.97	17.85	17.79		
5	256QAM	1	0	17.81	17.93	18.04	17.85	18.7	0
5	256QAM	1	12	17.79	17.98	17.81	17.82		
5	256QAM	1	24	17.86	17.96	17.97	17.81		
5	256QAM	12	0	17.91	17.99	17.98	17.86	18.7	0
5	256QAM	12	7	17.75	17.90	17.88	17.68		
5	256QAM	12	13	17.90	17.83	17.84	17.68		
5	256QAM	25	0	17.77	17.95	17.90	17.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.21	19.22	19.09	20.5	0
20	QPSK	1	49	18.96	19.10	18.97		
20	QPSK	1	99	19.04	19.09	19.02		
20	QPSK	50	0	19.15	19.20	19.02	20.5	0
20	QPSK	50	24	18.97	18.97	18.86		
20	QPSK	50	50	18.93	19.08	18.99		
20	QPSK	100	0	19.06	19.12	19.03		
20	16QAM	1	0	19.00	19.04	19.03	20.5	0
20	16QAM	1	49	18.88	19.11	18.96		
20	16QAM	1	99	18.92	18.99	18.95		
20	16QAM	50	0	19.02	19.07	18.97	20.5	0
20	16QAM	50	24	18.83	18.95	18.84		
20	16QAM	50	50	18.85	18.95	18.87		
20	16QAM	100	0	19.04	19.11	19.00		
20	64QAM	1	0	19.06	19.14	19.04	20.5	0
20	64QAM	1	49	18.92	18.96	18.89		
20	64QAM	1	99	18.90	19.08	18.93		
20	64QAM	50	0	19.01	19.05	18.91	20.5	0
20	64QAM	50	24	18.84	18.83	18.90		
20	64QAM	50	50	18.88	19.03	18.95		
20	64QAM	100	0	19.07	19.03	18.96		
20	256QAM	1	0	19.07	19.08	18.99	20.5	0
20	256QAM	1	49	18.98	19.09	18.88		
20	256QAM	1	99	18.90	19.00	19.02		
20	256QAM	50	0	19.04	19.09	18.83	20.5	0
20	256QAM	50	24	18.74	18.91	18.72		
20	256QAM	50	50	18.91	19.03	18.83		
20	256QAM	100	0	19.01	19.09	19.04		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.18	19.13	19.05	20.5	0
15	QPSK	1	37	18.84	19.07	18.91		
15	QPSK	1	74	18.96	18.97	18.91		
15	QPSK	36	0	19.09	19.08	18.95	20.5	0
15	QPSK	36	20	18.87	18.84	18.82		
15	QPSK	36	39	18.79	18.99	18.89		
15	QPSK	75	0	18.93	18.99	18.94		
15	16QAM	1	0	18.87	18.92	18.93	20.5	0
15	16QAM	1	37	18.78	19.08	18.86		
15	16QAM	1	74	18.80	18.96	18.86		
15	16QAM	36	0	18.91	18.93	18.89	20.5	0
15	16QAM	36	20	18.78	18.82	18.71		
15	16QAM	36	39	18.71	18.88	18.81		
15	16QAM	75	0	18.93	19.03	18.93		
15	64QAM	1	0	18.92	19.06	18.90	20.5	0
15	64QAM	1	37	18.87	18.83	18.83		
15	64QAM	1	74	18.81	18.96	18.81		
15	64QAM	36	0	18.98	19.00	18.78	20.5	0
15	64QAM	36	20	18.75	18.78	18.84		
15	64QAM	36	39	18.83	18.89	18.90		
15	64QAM	75	0	19.00	18.92	18.93		
15	256QAM	1	0	19.00	18.94	18.90	20.5	0
15	256QAM	1	37	18.88	18.97	18.76		
15	256QAM	1	74	18.80	18.87	18.92		
15	256QAM	36	0	18.94	18.99	18.74	20.5	0
15	256QAM	36	20	18.72	18.88	18.60		
15	256QAM	36	39	18.87	18.93	18.70		
15	256QAM	75	0	18.88	18.99	19.01		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.11	19.13	19.05	20.5	0
10	QPSK	1	25	18.94	19.01	18.91		
10	QPSK	1	49	18.90	18.95	18.89		
10	QPSK	25	0	19.06	19.13	18.95	20.5	0
10	QPSK	25	12	18.95	18.86	18.77		
10	QPSK	25	25	18.84	19.05	18.97		
10	QPSK	50	0	19.04	19.04	18.95		
10	16QAM	1	0	18.96	18.94	18.98	20.5	0
10	16QAM	1	25	18.78	18.98	18.86		
10	16QAM	1	49	18.81	18.86	18.87		
10	16QAM	25	0	18.96	19.00	18.91	20.5	0
10	16QAM	25	12	18.79	18.86	18.77		
10	16QAM	25	25	18.80	18.84	18.75		
10	16QAM	50	0	19.02	19.01	18.93		
10	64QAM	1	0	18.92	19.08	18.91	20.5	0
10	64QAM	1	25	18.90	18.85	18.83		
10	64QAM	1	49	18.86	18.94	18.91		
10	64QAM	25	0	18.92	18.94	18.89	20.5	0
10	64QAM	25	12	18.79	18.77	18.80		
10	64QAM	25	25	18.85	18.95	18.93		
10	64QAM	50	0	18.95	18.90	18.87		
10	256QAM	1	0	18.97	18.98	18.88	20.5	0
10	256QAM	1	25	18.89	19.05	18.83		
10	256QAM	1	49	18.78	18.97	18.96		
10	256QAM	25	0	18.96	18.96	18.77	20.5	0
10	256QAM	25	12	18.66	18.77	18.66		
10	256QAM	25	25	18.79	18.91	18.72		
10	256QAM	50	0	18.89	18.97	18.97		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.18	19.18	19.03	20.5	0
5	QPSK	1	12	18.84	19.06	18.93		
5	QPSK	1	24	18.92	19.03	18.93		
5	QPSK	12	0	19.08	19.14	18.97	20.5	0
5	QPSK	12	7	18.88	18.92	18.83		
5	QPSK	12	13	18.88	19.06	18.85		
5	QPSK	25	0	18.95	19.04	18.93		
5	16QAM	1	0	18.86	18.93	18.91	20.5	0
5	16QAM	1	12	18.79	18.99	18.83		
5	16QAM	1	24	18.82	18.85	18.90		
5	16QAM	12	0	18.91	18.94	18.83	20.5	0
5	16QAM	12	7	18.71	18.89	18.71		
5	16QAM	12	13	18.79	18.83	18.80		
5	16QAM	25	0	18.92	19.02	18.90		
5	64QAM	1	0	19.00	19.06	18.94	20.5	0
5	64QAM	1	12	18.83	18.88	18.79		
5	64QAM	1	24	18.77	18.98	18.82		
5	64QAM	12	0	18.90	18.91	18.87	20.5	0
5	64QAM	12	7	18.70	18.69	18.86		
5	64QAM	12	13	18.76	18.90	18.82		
5	64QAM	25	0	19.02	18.91	18.94		
5	256QAM	1	0	18.99	18.98	18.91	20.5	0
5	256QAM	1	12	18.93	19.04	18.79		
5	256QAM	1	24	18.81	18.95	18.91		
5	256QAM	12	0	18.98	18.99	18.71	20.5	0
5	256QAM	12	7	18.70	18.80	18.61		
5	256QAM	12	13	18.87	18.90	18.78		
5	256QAM	25	0	18.92	19.01	19.00		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.07	17.20	17.08	17.06	18.5	0
20	QPSK	1	49	17.05	17.09	16.92	16.95		
20	QPSK	1	99	17.07	17.13	17.09	17.09		
20	QPSK	50	0	16.98	17.15	16.95	17.02	18.5	0
20	QPSK	50	24	16.94	16.96	16.93	16.91		
20	QPSK	50	50	16.85	17.00	16.92	17.04		
20	QPSK	100	0	17.04	17.10	16.89	16.90		
20	16QAM	1	0	17.00	17.07	16.99	16.97	18.5	0
20	16QAM	1	49	16.91	16.97	16.91	16.91		
20	16QAM	1	99	17.03	17.05	16.98	16.89		
20	16QAM	50	0	16.93	17.06	16.91	17.04	18.5	0
20	16QAM	50	24	16.87	16.83	16.70	16.80		
20	16QAM	50	50	16.81	16.90	16.84	16.87		
20	16QAM	100	0	16.81	17.08	16.86	16.91		
20	64QAM	1	0	16.98	17.00	16.95	17.03	18.5	0
20	64QAM	1	49	16.94	16.99	16.89	16.81		
20	64QAM	1	99	17.00	17.04	17.00	16.94		
20	64QAM	50	0	16.93	17.09	16.95	16.88	18.5	0
20	64QAM	50	24	16.80	16.91	16.79	16.92		
20	64QAM	50	50	16.87	16.95	16.96	16.88		
20	64QAM	100	0	16.81	17.05	16.84	16.78		
20	256QAM	1	0	16.91	17.04	16.95	17.05	18.5	0
20	256QAM	1	49	16.82	16.99	16.79	16.85		
20	256QAM	1	99	16.96	17.00	17.06	17.02		
20	256QAM	50	0	16.86	17.02	16.98	16.93	18.5	0
20	256QAM	50	24	16.92	16.85	16.79	16.85		
20	256QAM	50	50	16.80	16.91	16.75	16.92		
20	256QAM	100	0	16.87	17.10	16.88	16.87		
Channel				55315	55820	56160	56665	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.94	17.10	17.03	16.94	18.5	0
15	QPSK	1	37	16.97	17.04	16.83	16.88		
15	QPSK	1	74	17.01	17.07	16.98	16.99		
15	QPSK	36	0	16.92	17.10	16.92	16.92	18.5	0
15	QPSK	36	20	16.90	16.90	16.90	16.78		
15	QPSK	36	39	16.79	16.96	16.88	16.93		
15	QPSK	75	0	16.97	17.06	16.86	16.87		
15	16QAM	1	0	16.89	17.02	16.92	16.87	18.5	0
15	16QAM	1	37	16.80	16.84	16.87	16.79		
15	16QAM	1	74	16.98	16.94	16.86	16.86		
15	16QAM	36	0	16.89	16.97	16.84	17.01	18.5	0
15	16QAM	36	20	16.83	16.69	16.64	16.71		
15	16QAM	36	39	16.71	16.78	16.75	16.80		
15	16QAM	75	0	16.69	17.01	16.75	16.77		
15	64QAM	1	0	16.87	16.87	16.82	16.93	18.5	0
15	64QAM	1	37	16.81	16.92	16.87	16.68		
15	64QAM	1	74	16.93	16.92	16.98	16.86		
15	64QAM	36	0	16.89	17.04	16.92	16.75	18.5	0
15	64QAM	36	20	16.76	16.88	16.71	16.86		
15	64QAM	36	39	16.79	16.89	16.92	16.83		
15	64QAM	75	0	16.75	17.01	16.73	16.65		
15	256QAM	1	0	16.81	17.01	16.83	16.97	18.5	0
15	256QAM	1	37	16.70	16.95	16.76	16.71		
15	256QAM	1	74	16.86	16.87	16.94	16.96		
15	256QAM	36	0	16.84	16.99	16.89	16.85	18.5	0
15	256QAM	36	20	16.86	16.71	16.75	16.75		
15	256QAM	36	39	16.75	16.88	16.69	16.89		
15	256QAM	75	0	16.74	17.04	16.83	16.74		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.93	17.16	16.97	16.94	18.5	0
10	QPSK	1	25	16.94	17.04	16.82	16.87		
10	QPSK	1	49	17.03	17.06	16.96	17.01		
10	QPSK	25	0	16.87	17.03	16.83	16.99	18.5	0
10	QPSK	25	12	16.86	16.93	16.84	16.80		
10	QPSK	25	25	16.73	16.94	16.83	17.02		
10	QPSK	50	0	16.95	17.05	16.83	16.79		
10	16QAM	1	0	16.88	16.96	16.86	16.91	18.5	0
10	16QAM	1	25	16.88	16.84	16.87	16.78		
10	16QAM	1	49	16.91	16.94	16.91	16.85		
10	16QAM	25	0	16.91	17.01	16.86	16.94	18.5	0
10	16QAM	25	12	16.84	16.78	16.59	16.74		
10	16QAM	25	25	16.68	16.85	16.74	16.78		
10	16QAM	50	0	16.76	16.98	16.77	16.86		
10	64QAM	1	0	16.96	16.96	16.84	16.94	18.5	0
10	64QAM	1	25	16.92	16.89	16.84	16.72		
10	64QAM	1	49	16.87	16.91	16.88	16.85		
10	64QAM	25	0	16.88	16.98	16.90	16.85	18.5	0
10	64QAM	25	12	16.69	16.86	16.70	16.85		
10	64QAM	25	25	16.74	16.86	16.85	16.79		
10	64QAM	50	0	16.78	16.93	16.81	16.72		
10	256QAM	1	0	16.83	16.96	16.84	17.01	18.5	0
10	256QAM	1	25	16.79	16.92	16.73	16.77		
10	256QAM	1	49	16.89	16.90	16.97	16.98		
10	256QAM	25	0	16.81	16.96	16.96	16.88	18.5	0
10	256QAM	25	12	16.86	16.73	16.66	16.82		
10	256QAM	25	25	16.76	16.87	16.67	16.88		
10	256QAM	50	0	16.82	17.03	16.74	16.78		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.97	17.12	16.98	17.02	18.5	0
5	QPSK	1	12	16.94	17.05	16.85	16.90		
5	QPSK	1	24	17.00	17.02	16.97	16.96		
5	QPSK	12	0	16.91	17.13	16.88	16.94	18.5	0
5	QPSK	12	7	16.90	16.94	16.90	16.78		
5	QPSK	12	13	16.74	16.88	16.79	16.94		
5	QPSK	25	0	16.93	17.02	16.84	16.87		
5	16QAM	1	0	16.87	16.97	16.97	16.85	18.5	0
5	16QAM	1	12	16.79	16.91	16.84	16.80		
5	16QAM	1	24	16.90	17.01	16.93	16.83		
5	16QAM	12	0	16.81	16.96	16.82	17.00	18.5	0
5	16QAM	12	7	16.80	16.71	16.59	16.73		
5	16QAM	12	13	16.71	16.84	16.77	16.85		
5	16QAM	25	0	16.70	17.05	16.77	16.84		
5	64QAM	1	0	16.90	16.87	16.82	16.98	18.5	0
5	64QAM	1	12	16.89	16.85	16.82	16.76		
5	64QAM	1	24	16.88	16.95	16.92	16.82		
5	64QAM	12	0	16.85	17.02	16.87	16.76	18.5	0
5	64QAM	12	7	16.75	16.89	16.73	16.79		
5	64QAM	12	13	16.77	16.84	16.87	16.84		
5	64QAM	25	0	16.72	16.98	16.78	16.71		
5	256QAM	1	0	16.85	16.94	16.84	16.91	18.5	0
5	256QAM	1	12	16.76	16.86	16.75	16.79		
5	256QAM	1	24	16.90	16.94	17.00	16.94		
5	256QAM	12	0	16.77	16.91	16.88	16.88	18.5	0
5	256QAM	12	7	16.87	16.79	16.70	16.82		
5	256QAM	12	13	16.67	16.83	16.67	16.89		
5	256QAM	25	0	16.83	16.98	16.85	16.83		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.79	19.87	19.83	21.5	0
20	QPSK	1	49	19.66	19.69	19.75		
20	QPSK	1	99	19.67	19.79	19.69		
20	QPSK	50	0	19.72	19.82	19.73	21.5	0
20	QPSK	50	24	19.59	19.64	19.63		
20	QPSK	50	50	19.55	19.67	19.59		
20	QPSK	100	0	19.67	19.80	19.73		
20	16QAM	1	0	19.67	19.78	19.75	21.5	0
20	16QAM	1	49	19.62	19.56	19.67		
20	16QAM	1	99	19.55	19.72	19.67		
20	16QAM	50	0	19.70	19.71	19.70	21.5	0
20	16QAM	50	24	19.54	19.52	19.59		
20	16QAM	50	50	19.51	19.58	19.46		
20	16QAM	100	0	19.56	19.66	19.70		
20	64QAM	1	0	19.71	19.74	19.79	21.5	0
20	64QAM	1	49	19.54	19.59	19.61		
20	64QAM	1	99	19.54	19.67	19.64		
20	64QAM	50	0	19.64	19.73	19.62	21.5	0
20	64QAM	50	24	19.57	19.54	19.57		
20	64QAM	50	50	19.52	19.58	19.49		
20	64QAM	100	0	19.63	19.75	19.61		
20	256QAM	1	0	18.27	18.36	18.32	20	1.5
20	256QAM	1	49	18.20	18.22	18.26		
20	256QAM	1	99	18.14	18.25	18.14		
20	256QAM	50	0	18.28	18.32	18.17	20	1.5
20	256QAM	50	24	18.10	18.11	18.12		
20	256QAM	50	50	18.05	18.23	18.09		
20	256QAM	100	0	18.14	18.35	18.28		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.65	19.83	19.72	21.5	0
15	QPSK	1	37	19.53	19.62	19.70		
15	QPSK	1	74	19.61	19.67	19.65		
15	QPSK	36	0	19.64	19.69	19.70	21.5	0
15	QPSK	36	20	19.57	19.52	19.56		
15	QPSK	36	39	19.42	19.63	19.55		
15	QPSK	75	0	19.54	19.70	19.69		
15	16QAM	1	0	19.64	19.68	19.71	21.5	0
15	16QAM	1	37	19.59	19.42	19.60		
15	16QAM	1	74	19.45	19.61	19.63		
15	16QAM	36	0	19.68	19.65	19.59	21.5	0
15	16QAM	36	20	19.47	19.43	19.49		
15	16QAM	36	39	19.37	19.46	19.36		
15	16QAM	75	0	19.49	19.56	19.59		
15	64QAM	1	0	19.60	19.69	19.72	21.5	0
15	64QAM	1	37	19.46	19.48	19.54		
15	64QAM	1	74	19.49	19.55	19.61		
15	64QAM	36	0	19.57	19.66	19.59	21.5	0
15	64QAM	36	20	19.52	19.49	19.52		
15	64QAM	36	39	19.50	19.52	19.38		
15	64QAM	75	0	19.57	19.63	19.51		
15	256QAM	1	0	18.16	18.30	18.30	20	1.5
15	256QAM	1	37	18.13	18.18	18.16		
15	256QAM	1	74	18.09	18.12	18.11		
15	256QAM	36	0	18.18	18.22	18.07	20	1.5
15	256QAM	36	20	17.98	18.04	18.00		
15	256QAM	36	39	18.03	18.18	18.00		
15	256QAM	75	0	18.01	18.30	18.17		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.68	19.83	19.75	21.5	0
10	QPSK	1	25	19.60	19.60	19.66		
10	QPSK	1	49	19.63	19.73	19.62		
10	QPSK	25	0	19.58	19.70	19.67	21.5	0
10	QPSK	25	12	19.56	19.59	19.51		
10	QPSK	25	25	19.43	19.56	19.47		
10	QPSK	50	0	19.54	19.69	19.62		
10	16QAM	1	0	19.64	19.68	19.64	21.5	0
10	16QAM	1	25	19.54	19.42	19.60		
10	16QAM	1	49	19.42	19.68	19.54		
10	16QAM	25	0	19.59	19.69	19.58	21.5	0
10	16QAM	25	12	19.52	19.47	19.50		
10	16QAM	25	25	19.41	19.47	19.33		
10	16QAM	50	0	19.45	19.60	19.63		
10	64QAM	1	0	19.63	19.70	19.67	21.5	0
10	64QAM	1	25	19.52	19.51	19.58		
10	64QAM	1	49	19.50	19.64	19.61		
10	64QAM	25	0	19.56	19.65	19.49	21.5	0
10	64QAM	25	12	19.48	19.40	19.47		
10	64QAM	25	25	19.46	19.55	19.47		
10	64QAM	50	0	19.53	19.69	19.56		
10	256QAM	1	0	18.20	18.30	18.27	20	1.5
10	256QAM	1	25	18.14	18.10	18.19		
10	256QAM	1	49	18.10	18.21	18.01		
10	256QAM	25	0	18.19	18.26	18.09	20	1.5
10	256QAM	25	12	18.04	18.01	18.04		
10	256QAM	25	25	18.00	18.20	17.99		
10	256QAM	50	0	18.03	18.30	18.25		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.72	19.73	19.79	21.5	0
5	QPSK	1	12	19.59	19.60	19.71		
5	QPSK	1	24	19.62	19.69	19.67		
5	QPSK	12	0	19.68	19.78	19.67	21.5	0
5	QPSK	12	7	19.52	19.59	19.56		
5	QPSK	12	13	19.51	19.55	19.49		
5	QPSK	25	0	19.64	19.75	19.67		
5	16QAM	1	0	19.61	19.70	19.72	21.5	0
5	16QAM	1	12	19.52	19.50	19.56		
5	16QAM	1	24	19.49	19.70	19.57		
5	16QAM	12	0	19.64	19.66	19.61	21.5	0
5	16QAM	12	7	19.44	19.39	19.53		
5	16QAM	12	13	19.49	19.45	19.39		
5	16QAM	25	0	19.44	19.56	19.68		
5	64QAM	1	0	19.66	19.63	19.76	21.5	0
5	64QAM	1	12	19.42	19.54	19.55		
5	64QAM	1	24	19.51	19.64	19.55		
5	64QAM	12	0	19.50	19.64	19.58	21.5	0
5	64QAM	12	7	19.45	19.46	19.51		
5	64QAM	12	13	19.41	19.51	19.36		
5	64QAM	25	0	19.57	19.67	19.57		
5	256QAM	1	0	18.22	18.30	18.22	20	1.5
5	256QAM	1	12	18.11	18.09	18.19		
5	256QAM	1	24	18.04	18.12	18.10		
5	256QAM	12	0	18.16	18.28	18.08	20	1.5
5	256QAM	12	7	18.02	18.07	18.08		
5	256QAM	12	13	17.94	18.10	17.98		
5	256QAM	25	0	18.01	18.32	18.22		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.52	19.56	19.46	19.48	21	0
20	QPSK	1	49	19.43	19.38	19.40	19.21		
20	QPSK	1	99	19.49	19.48	19.27	19.40		
20	QPSK	50	0	19.47	19.53	19.41	19.31	21	0
20	QPSK	50	24	19.37	19.33	19.45	19.16		
20	QPSK	50	50	19.34	19.26	19.27	19.25		
20	QPSK	100	0	19.38	19.49	19.30	19.37		
20	16QAM	1	0	19.44	19.44	19.44	19.41	21	0
20	16QAM	1	49	19.33	19.28	19.37	19.12		
20	16QAM	1	99	19.37	19.39	19.22	19.27		
20	16QAM	50	0	19.42	19.47	19.37	19.20	21	0
20	16QAM	50	24	19.30	19.28	19.40	19.05		
20	16QAM	50	50	19.20	19.12	19.24	19.12		
20	16QAM	100	0	19.28	19.43	19.20	19.31		
20	64QAM	1	0	19.45	19.45	19.35	19.37	21	0
20	64QAM	1	49	19.32	19.32	19.32	19.15		
20	64QAM	1	99	19.41	19.42	19.25	19.28		
20	64QAM	50	0	19.35	19.44	19.29	19.20	21	0
20	64QAM	50	24	19.34	19.24	19.42	19.07		
20	64QAM	50	50	19.22	19.17	19.15	19.19		
20	64QAM	100	0	19.31	19.35	19.23	19.34		
20	256QAM	1	0	18.55	18.54	18.46	18.47	20	1
20	256QAM	1	49	18.41	18.33	18.39	18.16		
20	256QAM	1	99	18.49	18.53	18.30	18.34		
20	256QAM	50	0	18.52	18.47	18.47	18.31	20	1
20	256QAM	50	24	18.36	18.29	18.41	18.12		
20	256QAM	50	50	18.28	18.26	18.25	18.23		
20	256QAM	100	0	18.42	18.52	18.35	18.34		
Channel				55315	55820	56160	56665	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.39	19.49	19.35	19.36	21	0
15	QPSK	1	37	19.33	19.24	19.36	19.13		
15	QPSK	1	74	19.43	19.44	19.19	19.28		
15	QPSK	36	0	19.45	19.49	19.36	19.26	21	0
15	QPSK	36	20	19.26	19.22	19.32	19.09		
15	QPSK	36	39	19.30	19.17	19.18	19.13		
15	QPSK	75	0	19.31	19.44	19.17	19.26		
15	16QAM	1	0	19.42	19.32	19.37	19.37	21	0
15	16QAM	1	37	19.31	19.19	19.23	19.07		
15	16QAM	1	74	19.26	19.29	19.16	19.14		
15	16QAM	36	0	19.40	19.33	19.23	19.18	21	0
15	16QAM	36	20	19.16	19.23	19.32	19.02		
15	16QAM	36	39	19.08	19.08	19.13	19.05		
15	16QAM	75	0	19.24	19.30	19.09	19.18		
15	64QAM	1	0	19.36	19.33	19.30	19.25	21	0
15	64QAM	1	37	19.29	19.29	19.19	19.12		
15	64QAM	1	74	19.33	19.33	19.22	19.15		
15	64QAM	36	0	19.30	19.31	19.22	19.15	21	0
15	64QAM	36	20	19.23	19.11	19.40	19.08		
15	64QAM	36	39	19.08	19.08	19.04	19.10		
15	64QAM	75	0	19.27	19.24	19.16	19.22		
15	256QAM	1	0	18.43	18.50	18.40	18.38	20	1
15	256QAM	1	37	18.35	18.22	18.35	18.02		
15	256QAM	1	74	18.37	18.50	18.23	18.21		
15	256QAM	36	0	18.40	18.45	18.34	18.22	20	1
15	256QAM	36	20	18.32	18.27	18.28	18.05		
15	256QAM	36	39	18.20	18.13	18.21	18.20		
15	256QAM	75	0	18.31	18.42	18.23	18.31		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.47	19.44	19.41	19.35	21	0
10	QPSK	1	25	19.40	19.32	19.30	19.16		
10	QPSK	1	49	19.35	19.35	19.21	19.34		
10	QPSK	25	0	19.44	19.47	19.32	19.24	21	0
10	QPSK	25	12	19.34	19.29	19.40	19.09		
10	QPSK	25	25	19.30	19.18	19.15	19.14		
10	QPSK	50	0	19.26	19.43	19.26	19.25		
10	16QAM	1	0	19.34	19.38	19.37	19.30	21	0
10	16QAM	1	25	19.29	19.22	19.32	19.00		
10	16QAM	1	49	19.29	19.28	19.10	19.20		
10	16QAM	25	0	19.37	19.35	19.30	19.17	21	0
10	16QAM	25	12	19.22	19.25	19.36	19.22		
10	16QAM	25	25	19.16	19.03	19.10	19.04		
10	16QAM	50	0	19.22	19.32	19.13	19.17		
10	64QAM	1	0	19.38	19.35	19.22	19.33	21	0
10	64QAM	1	25	19.29	19.21	19.28	19.11		
10	64QAM	1	49	19.34	19.36	19.18	19.15		
10	64QAM	25	0	19.25	19.42	19.21	19.11	21	0
10	64QAM	25	12	19.26	19.22	19.32	19.00		
10	64QAM	25	25	19.20	19.13	19.12	19.15		
10	64QAM	50	0	19.28	19.24	19.16	19.29		
10	256QAM	1	0	18.43	18.43	18.42	18.36	20	1
10	256QAM	1	25	18.34	18.22	18.33	18.07		
10	256QAM	1	49	18.38	18.40	18.20	18.31		
10	256QAM	25	0	18.42	18.42	18.36	18.23	20	1
10	256QAM	25	12	18.28	18.17	18.29	18.03		
10	256QAM	25	25	18.17	18.12	18.21	18.20		
10	256QAM	50	0	18.37	18.49	18.31	18.31		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.47	19.53	19.43	19.36	21	0
5	QPSK	1	12	19.39	19.31	19.27	19.11		
5	QPSK	1	24	19.43	19.38	19.21	19.36		
5	QPSK	12	0	19.39	19.46	19.30	19.19	21	0
5	QPSK	12	7	19.29	19.28	19.35	19.06		
5	QPSK	12	13	19.27	19.19	19.22	19.20		
5	QPSK	25	0	19.26	19.42	19.20	19.24		
5	16QAM	1	0	19.31	19.37	19.32	19.32	21	0
5	16QAM	1	12	19.22	19.19	19.24	19.01		
5	16QAM	1	24	19.25	19.34	19.12	19.17		
5	16QAM	12	0	19.38	19.40	19.33	19.12	21	0
5	16QAM	12	7	19.22	19.22	19.37	19.22		
5	16QAM	12	13	19.07	19.04	19.19	19.08		
5	16QAM	25	0	19.17	19.37	19.14	19.23		
5	64QAM	1	0	19.31	19.34	19.27	19.25	21	0
5	64QAM	1	12	19.29	19.23	19.24	19.05		
5	64QAM	1	24	19.35	19.37	19.14	19.15		
5	64QAM	12	0	19.27	19.38	19.21	19.10	21	0
5	64QAM	12	7	19.22	19.12	19.28	19.02		
5	64QAM	12	13	19.12	19.05	19.13	19.12		
5	64QAM	25	0	19.18	19.25	19.16	19.23		
5	256QAM	1	0	18.47	18.48	18.44	18.42	20	1
5	256QAM	1	12	18.37	18.31	18.27	18.06		
5	256QAM	1	24	18.46	18.42	18.19	18.30		
5	256QAM	12	0	18.43	18.37	18.44	18.26	20	1
5	256QAM	12	7	18.33	18.20	18.32	18.05		
5	256QAM	12	13	18.20	18.16	18.19	18.10		
5	256QAM	25	0	18.39	18.44	18.32	18.29		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.11	23.14	23.07	24.5	0
20	QPSK	1	49	23.08	23.12	22.99		
20	QPSK	1	99	23.07	23.10	22.98		
20	QPSK	50	0	22.10	22.19	22.04	23.5	1
20	QPSK	50	24	22.09	22.15	21.99		
20	QPSK	50	50	22.09	22.05	22.03		
20	QPSK	100	0	22.10	22.18	22.07		
20	16QAM	1	0	22.11	22.11	22.05	23.5	1
20	16QAM	1	49	22.03	22.12	21.94		
20	16QAM	1	99	22.13	22.14	22.01		
20	16QAM	50	0	21.14	21.13	21.00	22.5	2
20	16QAM	50	24	21.13	21.11	20.94		
20	16QAM	50	50	21.04	21.02	21.02		
20	16QAM	100	0	21.11	21.14	21.04		
20	64QAM	1	0	21.14	21.09	21.06	22.5	2
20	64QAM	1	49	21.07	21.09	20.94		
20	64QAM	1	99	21.07	21.19	20.97		
20	64QAM	50	0	20.14	20.22	20.06	21.5	3
20	64QAM	50	24	20.09	20.09	20.03		
20	64QAM	50	50	20.15	20.02	20.03		
20	64QAM	100	0	20.05	20.16	20.05		
20	256QAM	1	0	18.14	18.15	18.00	19.5	5
20	256QAM	1	49	18.10	18.10	18.01		
20	256QAM	1	99	18.04	18.05	18.08		
20	256QAM	50	0	18.15	18.22	18.01	19.5	5
20	256QAM	50	24	18.11	18.05	18.00		
20	256QAM	50	50	18.08	18.15	17.98		
20	256QAM	100	0	18.11	18.11	18.00		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.01	23.09	23.05	24.5	0
15	QPSK	1	37	23.05	22.98	22.93		
15	QPSK	1	74	23.02	22.96	22.90		
15	QPSK	36	0	22.03	22.16	21.96	23.5	1
15	QPSK	36	20	22.03	22.10	21.95		
15	QPSK	36	39	22.00	21.95	21.90		
15	QPSK	75	0	22.08	22.04	21.99		
15	16QAM	1	0	21.98	21.98	22.00	23.5	1
15	16QAM	1	37	21.91	21.98	21.81		
15	16QAM	1	74	22.06	22.11	21.89		
15	16QAM	36	0	21.01	21.08	20.89	22.5	2
15	16QAM	36	20	21.09	21.07	20.83		
15	16QAM	36	39	20.94	20.94	20.99		
15	16QAM	75	0	20.99	21.05	20.91		
15	64QAM	1	0	21.09	20.98	21.01	22.5	2
15	64QAM	1	37	20.98	21.01	20.81		
15	64QAM	1	74	21.05	21.10	20.89		
15	64QAM	36	0	20.04	20.17	19.99	21.5	3
15	64QAM	36	20	20.02	19.99	19.98		
15	64QAM	36	39	20.03	19.88	19.90		
15	64QAM	75	0	19.97	20.11	19.93		
15	256QAM	1	0	18.02	18.06	17.97	19.5	5
15	256QAM	1	37	17.96	18.05	17.90		
15	256QAM	1	74	17.98	17.97	17.98		
15	256QAM	36	0	18.06	18.10	17.88	19.5	5
15	256QAM	36	20	18.07	17.92	17.92		
15	256QAM	36	39	18.00	18.08	17.92		
15	256QAM	75	0	18.08	18.07	17.97		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.04	23.07	23.01	24.5	0
10	QPSK	1	25	22.94	23.02	22.94		
10	QPSK	1	49	23.04	23.04	22.94		
10	QPSK	25	0	22.00	22.08	21.97	23.5	1
10	QPSK	25	12	22.02	22.08	21.96		
10	QPSK	25	25	22.04	22.02	21.98		
10	QPSK	50	0	22.08	22.09	22.01		
10	16QAM	1	0	22.07	22.09	21.98	23.5	1
10	16QAM	1	25	21.92	21.99	21.88		
10	16QAM	1	49	22.02	22.11	21.90		
10	16QAM	25	0	21.04	21.09	20.92	22.5	2
10	16QAM	25	12	20.99	21.01	20.82		
10	16QAM	25	25	20.94	20.88	20.91		
10	16QAM	50	0	21.08	21.05	20.92		
10	64QAM	1	0	21.05	21.04	20.94	22.5	2
10	64QAM	1	25	20.99	21.05	20.91		
10	64QAM	1	49	21.04	21.16	20.89		
10	64QAM	25	0	20.11	20.12	19.97	21.5	3
10	64QAM	25	12	20.04	19.98	19.89		
10	64QAM	25	25	20.04	19.95	19.94		
10	64QAM	50	0	20.02	20.09	19.95		
10	256QAM	1	0	18.08	18.09	17.97	19.5	5
10	256QAM	1	25	18.01	18.05	17.89		
10	256QAM	1	49	17.97	17.92	18.05		
10	256QAM	25	0	18.08	18.16	17.89	19.5	5
10	256QAM	25	12	18.04	17.96	17.98		
10	256QAM	25	25	18.02	18.01	17.94		
10	256QAM	50	0	18.08	17.97	17.97		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.03	23.03	22.96	24.5	0
5	QPSK	1	12	23.05	22.98	22.95		
5	QPSK	1	24	22.97	22.98	22.90		
5	QPSK	12	0	22.07	22.11	21.91	23.5	1
5	QPSK	12	7	21.98	22.07	21.87		
5	QPSK	12	13	21.99	21.93	22.00		
5	QPSK	25	0	22.05	22.09	21.95		
5	16QAM	1	0	22.09	22.03	22.01	23.5	1
5	16QAM	1	12	21.94	22.07	21.86		
5	16QAM	1	24	22.00	22.06	21.92		
5	16QAM	12	0	21.11	21.01	20.93	22.5	2
5	16QAM	12	7	21.04	21.03	20.80		
5	16QAM	12	13	21.00	20.99	20.97		
5	16QAM	25	0	21.05	21.06	20.96		
5	64QAM	1	0	21.05	20.98	20.99	22.5	2
5	64QAM	1	12	20.96	21.00	20.81		
5	64QAM	1	24	20.98	21.15	20.94		
5	64QAM	12	0	20.09	20.17	20.01	21.5	3
5	64QAM	12	7	19.99	20.03	19.90		
5	64QAM	12	13	20.02	19.92	19.99		
5	64QAM	25	0	20.00	20.09	20.01		
5	256QAM	1	0	18.04	18.03	17.91	19.5	5
5	256QAM	1	12	18.00	18.07	17.98		
5	256QAM	1	24	17.97	18.01	17.95		
5	256QAM	12	0	18.04	18.13	17.98	19.5	5
5	256QAM	12	7	18.00	17.98	17.93		
5	256QAM	12	13	18.06	18.05	17.94		
5	256QAM	25	0	18.08	18.05	17.90		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.08	23.11	23.10	23.02	24.5	0
20	QPSK	1	49	23.06	23.06	23.05	22.93		
20	QPSK	1	99	22.95	23.05	23.02	22.94		
20	QPSK	50	0	22.07	22.15	22.05	21.97	23.5	1
20	QPSK	50	24	22.04	22.06	22.03	21.96		
20	QPSK	50	50	22.00	22.02	22.04	21.92		
20	QPSK	100	0	22.12	22.14	22.07	22.06		
20	16QAM	1	0	22.09	22.07	22.08	22.01	23.5	1
20	16QAM	1	49	22.01	22.02	22.09	21.89		
20	16QAM	1	99	21.92	22.00	21.97	21.95		
20	16QAM	50	0	21.03	21.12	21.04	20.93	22.5	2
20	16QAM	50	24	21.07	21.11	21.00	20.93		
20	16QAM	50	50	20.94	20.96	21.03	20.93		
20	16QAM	100	0	21.12	21.11	21.07	21.11		
20	64QAM	1	0	21.11	21.03	21.06	21.06	22.5	2
20	64QAM	1	49	20.97	20.97	21.11	20.83		
20	64QAM	1	99	20.93	21.01	21.02	20.92		
20	64QAM	50	0	20.09	20.18	20.02	19.95	21.5	3
20	64QAM	50	24	20.09	20.10	20.00	19.96		
20	64QAM	50	50	20.00	20.00	20.04	19.91		
20	64QAM	100	0	20.18	20.16	20.08	20.10		
20	256QAM	1	0	18.08	18.18	18.07	17.93	19.5	5
20	256QAM	1	49	18.01	18.02	18.06	17.90		
20	256QAM	1	99	18.04	18.08	18.06	17.93		
20	256QAM	50	0	18.15	18.09	18.06	18.00	19.5	5
20	256QAM	50	24	18.08	18.10	18.06	17.97		
20	256QAM	50	50	18.01	17.98	18.13	17.94		
20	256QAM	100	0	17.90	18.00	17.94	17.96		
Channel				55315	55820	56160	56865	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.01	23.06	22.96	22.92	24.5	0
15	QPSK	1	37	23.00	23.04	22.91	22.90		
15	QPSK	1	74	22.87	22.99	22.90	22.83		
15	QPSK	36	0	22.05	22.10	21.93	21.86	23.5	1
15	QPSK	36	20	21.99	21.99	21.91	21.93		
15	QPSK	36	39	21.91	21.93	21.90	21.78		
15	QPSK	75	0	22.00	22.10	21.95	21.94		
15	16QAM	1	0	22.05	21.99	21.96	21.88	23.5	1
15	16QAM	1	37	21.93	21.97	22.05	21.79		
15	16QAM	1	74	21.82	21.88	21.91	21.81		
15	16QAM	36	0	20.94	21.03	21.01	20.83	22.5	2
15	16QAM	36	20	20.97	21.03	20.92	20.81		
15	16QAM	36	39	20.85	20.87	20.94	20.81		
15	16QAM	75	0	21.09	21.05	20.94	20.99		
15	64QAM	1	0	21.01	20.93	21.03	21.04	22.5	2
15	64QAM	1	37	20.93	20.90	20.99	20.78		
15	64QAM	1	74	20.89	20.99	20.91	20.81		
15	64QAM	36	0	19.99	20.16	19.96	19.82	21.5	3
15	64QAM	36	20	20.04	20.00	19.98	19.89		
15	64QAM	36	39	19.94	19.88	19.93	19.77		
15	64QAM	75	0	20.14	20.03	19.95	19.96		
15	256QAM	1	0	18.00	18.10	17.97	17.85	19.5	5
15	256QAM	1	37	17.95	17.90	17.97	17.79		
15	256QAM	1	74	18.01	18.03	18.04	17.85		
15	256QAM	36	0	18.12	18.03	17.96	17.94	19.5	5
15	256QAM	36	20	17.94	17.97	17.94	17.84		
15	256QAM	36	39	17.95	17.95	18.07	17.84		
15	256QAM	75	0	17.85	17.87	17.86	17.83		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.94	23.00	23.03	22.93	24.5	0
10	QPSK	1	25	22.95	22.92	23.01	22.82		
10	QPSK	1	49	22.90	22.94	22.90	22.82		
10	QPSK	25	0	21.95	22.03	22.01	21.86	23.5	1
10	QPSK	25	12	22.00	21.98	21.91	21.84		
10	QPSK	25	25	21.97	21.98	21.90	21.87		
10	QPSK	50	0	22.04	22.11	21.99	22.03		
10	16QAM	1	0	22.05	21.96	22.05	21.97	23.5	1
10	16QAM	1	25	21.99	21.98	22.07	21.84		
10	16QAM	1	49	21.82	21.88	21.92	21.91		
10	16QAM	25	0	20.91	20.98	21.02	20.88	22.5	2
10	16QAM	25	12	21.04	21.04	20.89	20.83		
10	16QAM	25	25	20.86	20.93	20.96	20.90		
10	16QAM	50	0	21.09	21.05	21.05	20.99		
10	64QAM	1	0	21.04	20.97	20.96	20.97	22.5	2
10	64QAM	1	25	20.89	20.93	21.08	20.73		
10	64QAM	1	49	20.89	20.94	20.90	20.87		
10	64QAM	25	0	19.97	20.10	19.92	19.83	21.5	3
10	64QAM	25	12	20.05	20.08	19.90	19.87		
10	64QAM	25	25	19.90	19.89	19.98	19.88		
10	64QAM	50	0	20.04	20.09	20.04	20.05		
10	256QAM	1	0	17.94	18.06	17.96	17.89	19.5	5
10	256QAM	1	25	17.95	17.96	18.01	17.77		
10	256QAM	1	49	17.99	17.98	17.95	17.90		
10	256QAM	25	0	18.09	18.06	18.02	17.90	19.5	5
10	256QAM	25	12	17.95	17.96	18.04	17.84		
10	256QAM	25	25	17.96	17.86	18.04	17.80		
10	256QAM	50	0	17.85	17.94	17.84	17.85		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.97	23.07	23.05	22.96	24.5	0
5	QPSK	1	12	22.95	22.93	23.01	22.82		
5	QPSK	1	24	22.85	22.95	22.94	22.81		
5	QPSK	12	0	22.05	22.10	22.00	21.86	23.5	1
5	QPSK	12	7	22.02	21.96	21.96	21.84		
5	QPSK	12	13	21.89	21.95	21.99	21.82		
5	QPSK	25	0	22.04	22.02	22.01	22.03		
5	16QAM	1	0	21.97	21.97	21.99	21.87	23.5	1
5	16QAM	1	12	21.91	21.97	22.02	21.82		
5	16QAM	1	24	21.84	21.95	21.84	21.87		
5	16QAM	12	0	20.97	21.07	21.02	20.81	22.5	2
5	16QAM	12	7	21.04	21.02	20.94	20.81		
5	16QAM	12	13	20.90	20.83	20.89	20.80		
5	16QAM	25	0	21.02	21.02	20.98	21.01		
5	64QAM	1	0	21.02	20.96	20.93	20.94	22.5	2
5	64QAM	1	12	20.88	20.88	20.97	20.72		
5	64QAM	1	24	20.83	20.90	20.90	20.78		
5	64QAM	12	0	20.02	20.06	19.91	19.93	21.5	3
5	64QAM	12	7	20.04	20.02	19.93	19.86		
5	64QAM	12	13	19.86	19.96	20.01	19.83		
5	64QAM	25	0	20.11	20.05	19.97	19.98		
5	256QAM	1	0	18.06	18.09	18.01	17.82	19.5	5
5	256QAM	1	12	17.93	17.89	17.95	17.86		
5	256QAM	1	24	17.99	18.06	17.97	17.88		
5	256QAM	12	0	18.06	18.04	18.02	17.93	19.5	5
5	256QAM	12	7	17.98	17.96	18.02	17.90		
5	256QAM	12	13	17.88	17.93	18.01	17.81		
5	256QAM	25	0	17.85	17.87	17.84	17.93		

Reduced Power Mode for ECI3

GSM850 Ant0 ECI3

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	33.01	33.09	33.03	34.00	24.01	24.09	24.03	25.00
GPRS 1 Tx slot	32.95	33.01	32.92	34.00	23.95	24.01	23.92	25.00
GPRS 2 Tx slots	29.98	30.11	30.03	31.00	23.98	24.11	24.03	25.00
GPRS 3 Tx slots	28.22	28.37	28.28	29.20	23.96	24.11	24.02	24.94
GPRS 4 Tx slots	27.02	27.08	26.96	28.00	24.02	24.08	23.96	25.00
EDGE 1 Tx slot	27.00	27.15	27.02	28.00	18.00	18.15	18.02	19.00
EDGE 2 Tx slots	23.85	24.01	23.90	25.00	17.85	18.01	17.90	19.00
EDGE 3 Tx slots	21.74	21.81	21.69	23.20	17.48	17.55	17.43	18.94
EDGE 4 Tx slots	20.68	20.75	20.64	22.00	17.68	17.75	17.64	19.00

WCDMA V Ant0 ECI3

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	23.99	24.10	24.06	25.00
3GPP Rel 99	RMC 12.2Kbps	24.11	24.14	24.09	25.00
3GPP Rel 6	HSDPA Subtest-1	23.09	23.19	23.12	24.00
3GPP Rel 6	HSDPA Subtest-2	23.15	23.09	23.12	24.00
3GPP Rel 6	HSDPA Subtest-3	22.56	22.65	22.59	23.50
3GPP Rel 6	HSDPA Subtest-4	22.58	22.66	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.11	23.13	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.16	23.13	23.15	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.60	22.67	22.63	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.60	22.65	22.60	23.50
3GPP Rel 6	HSUPA Subtest-1	23.07	23.12	23.04	24.00
3GPP Rel 6	HSUPA Subtest-2	21.07	21.16	21.08	22.00
3GPP Rel 6	HSUPA Subtest-3	22.15	22.17	22.05	23.00
3GPP Rel 6	HSUPA Subtest-4	21.15	21.19	21.06	22.00
3GPP Rel 6	HSUPA Subtest-5	23.09	23.09	23.04	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.63	20.68	20.54	21.50

Band 5 Ant0 ECI3

BW [MHz]	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	25.08	25.15	25.11	25.7	0
10	QPSK	1	25	25.05	25.11	25.09		
10	QPSK	1	49	25.00	25.12	25.04		
10	QPSK	25	0	24.05	24.19	24.06	24.7	1
10	QPSK	25	12	24.08	24.07	24.10		
10	QPSK	25	25	24.00	24.14	24.07		
10	QPSK	50	0	24.11	24.17	24.16		
10	16QAM	1	0	24.04	24.14	24.10	24.7	1
10	16QAM	1	25	24.11	24.08	24.10		
10	16QAM	1	49	23.98	24.07	24.01		
10	16QAM	25	0	23.04	23.21	23.09	23.7	2
10	16QAM	25	12	23.08	23.12	23.13		
10	16QAM	25	25	22.97	23.13	23.12		
10	16QAM	50	0	23.13	23.18	23.19		
10	64QAM	1	0	23.05	23.20	23.14	23.7	2
10	64QAM	1	25	23.11	23.04	23.06		
10	64QAM	1	49	22.95	23.11	23.05		
10	64QAM	25	0	22.06	22.23	22.06	22.7	3
10	64QAM	25	12	22.06	22.11	22.10		
10	64QAM	25	25	22.04	22.12	22.06		
10	64QAM	50	0	22.06	22.22	22.20		
10	256QAM	1	0	20.11	20.19	20.07	20.7	5
10	256QAM	1	25	20.06	20.07	20.12		
10	256QAM	1	49	20.02	20.18	20.06		
10	256QAM	25	0	20.16	20.22	20.18	20.7	5
10	256QAM	25	12	20.02	20.18	20.09		
10	256QAM	25	25	20.07	20.12	20.12		
10	256QAM	50	0	19.98	20.09	19.99		
Channel				20425	20525	20625	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.05	25.11	25.04	25.7	0
5	QPSK	1	12	24.97	25.05	25.07		
5	QPSK	1	24	24.93	25.04	24.98		
5	QPSK	12	0	23.93	24.09	23.99	24.7	1
5	QPSK	12	7	23.96	24.00	24.04		
5	QPSK	12	13	23.97	24.08	24.01		
5	QPSK	25	0	24.02	24.10	24.13		
5	16QAM	1	0	24.00	24.02	24.04	24.7	1
5	16QAM	1	12	24.04	23.97	24.06		
5	16QAM	1	24	23.90	23.96	23.96		
5	16QAM	12	0	22.92	23.17	23.01	23.7	2
5	16QAM	12	7	23.04	22.99	23.06		
5	16QAM	12	13	22.93	23.05	23.06		
5	16QAM	25	0	23.05	23.13	23.06		
5	64QAM	1	0	22.96	23.09	23.08	23.7	2
5	64QAM	1	12	23.08	23.00	22.98		
5	64QAM	1	24	22.84	23.06	22.94		
5	64QAM	12	0	21.92	22.11	21.99	22.7	3
5	64QAM	12	7	21.95	22.00	21.96		
5	64QAM	12	13	21.99	22.01	21.94		
5	64QAM	25	0	21.99	22.17	22.11		
5	256QAM	1	0	20.06	20.06	20.02	20.7	5
5	256QAM	1	12	19.98	20.01	20.06		
5	256QAM	1	24	19.96	20.09	19.95		
5	256QAM	12	0	20.07	20.19	20.15	20.7	5
5	256QAM	12	7	19.98	20.13	20.01		
5	256QAM	12	13	19.99	20.10	20.02		
5	256QAM	25	0	19.93	20.06	19.96		
Channel				20415	20525	20635	Tune-up limit	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.97	25.03	25.02	25.7	0
3	QPSK	1	8	24.95	25.09	24.96		
3	QPSK	1	14	24.88	25.10	24.91		
3	QPSK	8	0	23.94	24.12	23.96	24.7	1
3	QPSK	8	4	23.98	23.95	23.97		
3	QPSK	8	7	23.87	24.05	23.98		
3	QPSK	15	0	23.98	24.05	24.07		
3	16QAM	1	0	23.96	24.05	24.04	24.7	1
3	16QAM	1	8	24.02	23.96	24.03		
3	16QAM	1	14	23.88	24.01	23.94		
3	16QAM	8	0	22.93	23.19	23.00	23.7	2
3	16QAM	8	4	23.03	23.09	22.99		
3	16QAM	8	7	22.94	23.10	23.04		
3	16QAM	15	0	23.00	23.13	23.08		
3	64QAM	1	0	22.92	23.11	23.10	23.7	2
3	64QAM	1	8	23.00	22.98	22.95		
3	64QAM	1	14	22.90	23.01	23.03		
3	64QAM	8	0	21.94	22.11	22.01	22.7	3
3	64QAM	8	4	22.01	21.98	22.04		
3	64QAM	8	7	21.96	22.00	22.02		
3	64QAM	15	0	22.03	22.12	22.12		
3	256QAM	1	0	20.00	20.09	19.93	20.7	5
3	256QAM	1	8	19.93	19.98	20.04		
3	256QAM	1	14	19.94	20.10	19.95		
3	256QAM	8	0	20.08	20.14	20.05	20.7	5
3	256QAM	8	4	19.96	20.12	19.96		
3	256QAM	8	7	19.94	20.01	20.05		
3	256QAM	15	0	19.85	20.04	19.90		
Channel				20407	20525	20643	Tune-up limit	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.97	25.11	25.08	25.7	0
1.4	QPSK	1	3	24.96	25.01	25.01		
1.4	QPSK	1	5	24.97	25.02	24.99		
1.4	QPSK	3	0	24.84	25.03	25.02		
1.4	QPSK	3	1	24.82	24.97	24.89		
1.4	QPSK	3	3	24.84	24.94	24.87		
1.4	QPSK	6	0	24.04	24.13	24.04	24.7	1
1.4	16QAM	1	0	24.00	24.00	23.99	24.7	1
1.4	16QAM	1	3	24.03	24.04	23.96		
1.4	16QAM	1	5	23.90	23.95	23.98		
1.4	16QAM	3	0	23.96	24.08	23.91		
1.4	16QAM	3	1	23.95	23.86	23.92		
1.4	16QAM	3	3	23.93	23.98	23.85		
1.4	16QAM	6	0	23.02	23.12	23.05	23.7	2
1.4	64QAM	1	0	22.92	23.10	23.01	23.7	2
1.4	64QAM	1	3	23.08	22.97	23.02		
1.4	64QAM	1	5	22.93	23.01	23.03		
1.4	64QAM	3	0	22.98	23.10	22.97		
1.4	64QAM	3	1	22.78	22.97	22.92		
1.4	64QAM	3	3	22.96	22.87	22.92		
1.4	64QAM	6	0	21.97	22.14	22.12	22.7	3
1.4	256QAM	1	0	19.98	20.09	20.04	20.7	5
1.4	256QAM	1	3	19.94	19.95	20.06		
1.4	256QAM	1	5	19.92	20.09	19.92		
1.4	256QAM	3	0	20.03	20.20	20.05		
1.4	256QAM	3	1	19.89	20.09	20.01		
1.4	256QAM	3	3	19.97	20.08	19.99		
1.4	256QAM	6	0	19.84	20.05	19.87	20.7	5

Band 26 Ant0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	25.04	25.19	25.14	25.7	0
15	QPSK	1	37	25.05	25.15	25.14		
15	QPSK	1	74	24.96	25.10	25.02		
15	QPSK	36	0	24.00	24.23	24.01	24.7	1
15	QPSK	36	20	24.03	24.11	24.10		
15	QPSK	36	39	24.06	24.19	24.13		
15	QPSK	75	0	24.11	24.20	24.17		
15	16QAM	1	0	24.02	24.17	24.13	24.7	1
15	16QAM	1	37	24.07	24.11	24.16		
15	16QAM	1	74	23.99	24.07	24.05		
15	16QAM	36	0	23.04	23.27	23.15	23.7	2
15	16QAM	36	20	23.10	23.07	23.13		
15	16QAM	36	39	23.00	23.13	23.17		
15	16QAM	75	0	23.11	23.16	23.15		
15	64QAM	1	0	23.06	23.27	23.10	23.7	2
15	64QAM	1	37	23.11	23.02	23.02		
15	64QAM	1	74	22.93	23.06	23.08		
15	64QAM	36	0	22.12	22.24	22.04	22.7	3
15	64QAM	36	20	22.11	22.18	22.13		
15	64QAM	36	39	22.07	22.11	22.08		
15	64QAM	75	0	22.05	22.23	22.21		
15	256QAM	1	0	20.11	20.15	20.03	20.7	5
15	256QAM	1	37	20.10	20.07	20.10		
15	256QAM	1	74	20.05	20.22	20.03		
15	256QAM	36	0	20.11	20.27	20.17	20.7	5
15	256QAM	36	20	20.00	20.15	20.15		
15	256QAM	36	39	20.13	20.14	20.15		
15	256QAM	75	0	20.02	20.08	20.05		
Channel				26740	26865	26990	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.92	25.10	25.10	25.7	0
10	QPSK	1	25	25.02	25.11	25.09		
10	QPSK	1	49	24.83	25.00	24.89		
10	QPSK	25	0	23.90	24.18	23.89	24.7	1
10	QPSK	25	12	23.99	24.06	24.00		
10	QPSK	25	25	23.93	24.16	24.10		
10	QPSK	50	0	24.08	24.15	24.06		
10	16QAM	1	0	23.89	24.14	24.05	24.7	1
10	16QAM	1	25	23.95	23.98	24.08		
10	16QAM	1	49	23.92	24.04	23.95		
10	16QAM	25	0	23.01	23.20	23.07	23.7	2
10	16QAM	25	12	23.05	23.01	23.07		
10	16QAM	25	25	22.87	23.07	23.05		
10	16QAM	50	0	22.99	23.07	23.09		
10	64QAM	1	0	22.95	23.21	23.07	23.7	2
10	64QAM	1	25	22.98	22.93	22.90		
10	64QAM	1	49	22.81	22.97	22.97		
10	64QAM	25	0	22.07	22.16	22.02	22.7	3
10	64QAM	25	12	22.03	22.16	22.04		
10	64QAM	25	25	22.02	22.08	22.03		
10	64QAM	50	0	21.96	22.12	22.08		
10	256QAM	1	0	20.02	20.03	19.97	20.7	5
10	256QAM	1	25	19.98	20.03	20.01		
10	256QAM	1	49	19.94	20.16	19.96		
10	256QAM	25	0	20.04	20.17	20.03	20.7	5
10	256QAM	25	12	19.97	20.11	20.06		
10	256QAM	25	25	20.00	20.07	20.06		
10	256QAM	50	0	19.99	19.96	20.00		
Channel				26715	26865	27015	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.95	25.17	25.09	25.7	0
5	QPSK	1	12	24.97	25.12	25.09		
5	QPSK	1	24	24.92	25.04	24.89		
5	QPSK	12	0	23.87	24.18	23.98	24.7	1
5	QPSK	12	7	23.90	24.01	24.08		
5	QPSK	12	13	23.95	24.15	24.10		
5	QPSK	25	0	24.01	24.09	24.12		
5	16QAM	1	0	23.88	24.07	24.05	24.7	1
5	16QAM	1	12	23.97	24.05	24.14		
5	16QAM	1	24	23.95	24.03	24.00		
5	16QAM	12	0	22.91	23.16	23.11	23.7	2
5	16QAM	12	7	22.99	23.00	23.10		
5	16QAM	12	13	22.94	23.10	23.12		
5	16QAM	25	0	23.04	23.08	23.02		
5	64QAM	1	0	23.03	23.14	23.02	23.7	2
5	64QAM	1	12	23.05	22.88	22.97		
5	64QAM	1	24	22.80	23.01	22.94		
5	64QAM	12	0	21.99	22.22	22.00	22.7	3
5	64QAM	12	7	22.06	22.04	22.07		
5	64QAM	12	13	22.02	22.08	21.97		
5	64QAM	25	0	21.99	22.20	22.13		
5	256QAM	1	0	20.00	20.04	20.00	20.7	5
5	256QAM	1	12	20.01	19.99	20.05		
5	256QAM	1	24	20.01	20.16	19.92		
5	256QAM	12	0	20.02	20.17	20.09	20.7	5
5	256QAM	12	7	19.92	20.09	20.08		
5	256QAM	12	13	20.03	20.07	20.11		
5	256QAM	25	0	19.89	20.00	19.99		
Channel				26705	26865	27025	Tune-up limit	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.97	25.06	25.08	25.7	0
3	QPSK	1	8	24.98	25.04	25.05		
3	QPSK	1	14	24.86	24.98	24.97		
3	QPSK	8	0	23.86	24.10	23.91	24.7	1
3	QPSK	8	4	23.91	24.05	24.08		
3	QPSK	8	7	23.98	24.09	24.04		
3	QPSK	15	0	24.09	24.13	24.04		
3	16QAM	1	0	23.97	24.11	24.08	24.7	1
3	16QAM	1	8	23.94	24.08	24.13		
3	16QAM	1	14	23.88	23.94	23.95		
3	16QAM	8	0	22.97	23.23	23.08	23.7	2
3	16QAM	8	4	23.08	22.95	23.06		
3	16QAM	8	7	22.92	23.03	23.13		
3	16QAM	15	0	23.09	23.06	23.11		
3	64QAM	1	0	22.98	23.20	23.02	23.7	2
3	64QAM	1	8	23.09	22.90	22.98		
3	64QAM	1	14	22.83	23.00	22.98		
3	64QAM	8	0	22.09	22.21	21.94	22.7	3
3	64QAM	8	4	22.03	22.13	22.09		
3	64QAM	8	7	21.96	21.99	22.01		
3	64QAM	15	0	21.98	22.14	22.16		
3	256QAM	1	0	19.99	20.04	19.93	20.7	5
3	256QAM	1	8	19.98	20.05	20.03		
3	256QAM	1	14	19.94	20.17	19.94		
3	256QAM	8	0	20.02	20.15	20.15	20.7	5
3	256QAM	8	4	19.97	20.11	20.04		
3	256QAM	8	7	20.06	20.12	20.12		
3	256QAM	15	0	19.94	20.05	19.96		
Channel				26697	26865	27033	Tune-up limit	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.84	25.05	24.96	25.7	0
1.4	QPSK	1	3	24.85	24.92	24.87		
1.4	QPSK	1	5	24.87	24.90	24.91		
1.4	QPSK	3	0	24.78	24.95	24.93		
1.4	QPSK	3	1	24.69	24.85	24.79		
1.4	QPSK	3	3	24.80	24.85	24.74		
1.4	QPSK	6	0	24.02	24.07	23.94	24.7	1
1.4	16QAM	1	0	23.93	23.89	23.95	24.7	1
1.4	16QAM	1	3	23.96	23.94	23.94		
1.4	16QAM	1	5	23.80	23.89	23.88		
1.4	16QAM	3	0	23.83	24.05	23.84		
1.4	16QAM	3	1	23.88	23.72	23.82		
1.4	16QAM	3	3	23.89	23.92	23.72		
1.4	16QAM	6	0	22.89	23.06	22.93	23.7	2
1.4	64QAM	1	0	22.88	22.97	22.98	23.7	2
1.4	64QAM	1	3	23.03	22.88	22.91		
1.4	64QAM	1	5	22.82	22.97	22.93		
1.4	64QAM	3	0	22.85	23.01	22.85		
1.4	64QAM	3	1	22.68	22.90	22.83		
1.4	64QAM	3	3	22.89	22.81	22.83		
1.4	64QAM	6	0	21.92	22.02	22.07	22.7	3
1.4	256QAM	1	0	19.86	19.98	19.94	20.7	5
1.4	256QAM	1	3	19.83	19.92	20.02		
1.4	256QAM	1	5	19.87	19.98	19.89		
1.4	256QAM	3	0	19.94	20.11	19.93		
1.4	256QAM	3	1	19.81	19.97	19.93		
1.4	256QAM	3	3	19.94	20.00	19.93		
1.4	256QAM	6	0	19.76	19.97	19.82	20.7	5

GSM850 Ant1 ECI3

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	33.00	33.13	33.04	34.50	24.00	24.13	24.04	25.50
GPRS 1 Tx slot	32.94	33.05	32.93	34.50	23.94	24.05	23.93	25.50
GPRS 2 Tx slots	30.03	30.18	30.06	31.50	24.03	24.18	24.06	25.50
GPRS 3 Tx slots	28.36	28.45	28.37	29.70	24.10	24.19	24.11	25.44
GPRS 4 Tx slots	27.09	27.16	27.02	28.50	24.09	24.16	24.02	25.50
EDGE 1 Tx slot	26.91	26.95	26.90	28.50	17.91	17.95	17.90	19.50
EDGE 2 Tx slots	23.77	23.81	23.70	25.50	17.77	17.81	17.70	19.50
EDGE 3 Tx slots	21.98	22.02	21.92	23.70	17.72	17.76	17.66	19.44
EDGE 4 Tx slots	20.78	20.84	20.69	22.50	17.78	17.84	17.69	19.50

WCDMA V Ant1 ECI3

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	20.95	21.14	21.01	22.50
3GPP Rel 99	RMC 12.2Kbps	21.14	21.19	21.11	22.50
3GPP Rel 6	HSDPA Subtest-1	20.09	20.12	20.07	21.50
3GPP Rel 6	HSDPA Subtest-2	20.15	20.12	20.02	21.50
3GPP Rel 6	HSDPA Subtest-3	19.58	19.62	19.64	21.00
3GPP Rel 6	HSDPA Subtest-4	19.61	19.69	19.60	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	20.04	20.07	20.04	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	20.11	20.12	19.99	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.58	19.62	19.61	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.63	19.57	19.52	21.00
3GPP Rel 6	HSUPA Subtest-1	20.08	20.21	20.14	21.50
3GPP Rel 6	HSUPA Subtest-2	18.12	18.15	18.09	19.50
3GPP Rel 6	HSUPA Subtest-3	19.10	19.19	19.10	20.50
3GPP Rel 6	HSUPA Subtest-4	18.04	18.06	18.07	19.50
3GPP Rel 6	HSUPA Subtest-5	20.05	20.16	20.10	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.55	17.60	17.57	19.00

Band 5 Ant1 ECI3

BW [MHz]	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	21.48	21.62	21.37	22.2	0
10	QPSK	1	25	21.35	21.48	21.33		
10	QPSK	1	49	21.42	21.52	21.32		
10	QPSK	25	0	21.38	21.55	21.28	22.2	0
10	QPSK	25	12	21.18	21.45	21.27		
10	QPSK	25	25	21.21	21.52	21.30		
10	QPSK	50	0	21.27	21.52	21.29		
10	16QAM	1	0	21.36	21.50	21.35	22.2	0
10	16QAM	1	25	21.22	21.43	21.28		
10	16QAM	1	49	21.30	21.43	21.23		
10	16QAM	25	0	21.26	21.44	21.25	22.2	0
10	16QAM	25	12	21.15	21.33	21.15		
10	16QAM	25	25	21.08	21.47	21.23		
10	16QAM	50	0	21.21	21.47	21.20		
10	64QAM	1	0	21.40	21.49	21.33	22.2	0
10	64QAM	1	25	21.31	21.38	21.27		
10	64QAM	1	49	21.29	21.42	21.22		
10	64QAM	25	0	21.36	21.45	21.25	22.2	0
10	64QAM	25	12	21.16	21.42	21.20		
10	64QAM	25	25	21.18	21.41	21.16		
10	64QAM	50	0	21.18	21.40	21.19		
10	256QAM	1	0	19.96	20.12	19.86	20.7	1.5
10	256QAM	1	25	19.85	20.01	19.86		
10	256QAM	1	49	19.94	19.98	19.87		
10	256QAM	25	0	19.87	20.01	19.73	20.7	1.5
10	256QAM	25	12	19.70	19.91	19.72		
10	256QAM	25	25	19.71	20.01	19.86		
10	256QAM	50	0	19.83	20.00	19.75		
Channel				20425	20525	20625	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.42	21.59	21.31	22.2	0
5	QPSK	1	12	21.30	21.45	21.25		
5	QPSK	1	24	21.34	21.39	21.23		
5	QPSK	12	0	21.31	21.50	21.22	22.2	0
5	QPSK	12	7	21.06	21.32	21.20		
5	QPSK	12	13	21.12	21.39	21.17		
5	QPSK	25	0	21.24	21.40	21.23		
5	16QAM	1	0	21.25	21.38	21.32	22.2	0
5	16QAM	1	12	21.17	21.35	21.22		
5	16QAM	1	24	21.18	21.37	21.21		
5	16QAM	12	0	21.21	21.39	21.11	22.2	0
5	16QAM	12	7	21.12	21.22	21.12		
5	16QAM	12	13	20.95	21.39	21.11		
5	16QAM	25	0	21.10	21.44	21.09		
5	64QAM	1	0	21.38	21.39	21.22	22.2	0
5	64QAM	1	12	21.20	21.27	21.16		
5	64QAM	1	24	21.20	21.39	21.14		
5	64QAM	12	0	21.28	21.42	21.22	22.2	0
5	64QAM	12	7	21.04	21.40	21.09		
5	64QAM	12	13	21.08	21.37	21.09		
5	64QAM	25	0	21.05	21.28	21.10		
5	256QAM	1	0	19.87	19.98	19.83	20.7	1.5
5	256QAM	1	12	19.73	19.95	19.83		
5	256QAM	1	24	19.81	19.87	19.80		
5	256QAM	12	0	19.75	19.93	19.70	20.7	1.5
5	256QAM	12	7	19.64	19.87	19.60		
5	256QAM	12	13	19.61	19.92	19.77		
5	256QAM	25	0	19.80	19.90	19.71		
Channel				20415	20525	20635	Tune-up limit	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.35	21.59	21.34	22.2	0
3	QPSK	1	8	21.26	21.44	21.24		
3	QPSK	1	14	21.28	21.49	21.29		
3	QPSK	8	0	21.35	21.45	21.23	22.2	0
3	QPSK	8	4	21.07	21.40	21.25		
3	QPSK	8	7	21.15	21.42	21.18		
3	QPSK	15	0	21.22	21.49	21.18		
3	16QAM	1	0	21.32	21.36	21.31	22.2	0
3	16QAM	1	8	21.16	21.36	21.24		
3	16QAM	1	14	21.26	21.30	21.18		
3	16QAM	8	0	21.19	21.40	21.12	22.2	0
3	16QAM	8	4	21.08	21.28	21.08		
3	16QAM	8	7	20.96	21.44	21.14		
3	16QAM	15	0	21.11	21.39	21.15		
3	64QAM	1	0	21.34	21.35	21.25	22.2	0
3	64QAM	1	8	21.23	21.30	21.20		
3	64QAM	1	14	21.19	21.36	21.13		
3	64QAM	8	0	21.28	21.33	21.19	22.2	0
3	64QAM	8	4	21.10	21.39	21.08		
3	64QAM	8	7	21.14	21.32	21.05		
3	64QAM	15	0	21.09	21.31	21.15		
3	256QAM	1	0	19.84	20.02	19.72	20.7	1.5
3	256QAM	1	8	19.82	19.96	19.72		
3	256QAM	1	14	19.91	19.94	19.83		
3	256QAM	8	0	19.81	19.91	19.66	20.7	1.5
3	256QAM	8	4	19.59	19.82	19.61		
3	256QAM	8	7	19.65	19.94	19.77		
3	256QAM	15	0	19.72	19.96	19.68		
Channel				20407	20525	20643	Tune-up limit	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.39	21.59	21.30	22.2	0
1.4	QPSK	1	3	21.29	21.42	21.25		
1.4	QPSK	1	5	21.33	21.47	21.19		
1.4	QPSK	3	0	21.31	21.45	21.23		
1.4	QPSK	3	1	21.09	21.31	21.24		
1.4	QPSK	3	3	21.08	21.46	21.22		
1.4	QPSK	6	0	21.22	21.39	21.22	22.2	0
1.4	16QAM	1	0	21.23	21.44	21.24	22.2	0
1.4	16QAM	1	3	21.09	21.29	21.24		
1.4	16QAM	1	5	21.19	21.32	21.18		
1.4	16QAM	3	0	21.13	21.34	21.12		
1.4	16QAM	3	1	21.03	21.28	21.08		
1.4	16QAM	3	3	21.05	21.38	21.18		
1.4	16QAM	6	0	21.15	21.43	21.18	22.2	0
1.4	64QAM	1	0	21.32	21.46	21.25	22.2	0
1.4	64QAM	1	3	21.28	21.31	21.17		
1.4	64QAM	1	5	21.22	21.37	21.17		
1.4	64QAM	3	0	21.34	21.40	21.18		
1.4	64QAM	3	1	21.02	21.38	21.14		
1.4	64QAM	3	3	21.14	21.38	21.09		
1.4	64QAM	6	0	21.10	21.28	21.15	22.2	0
1.4	256QAM	1	0	19.90	20.03	19.76	20.7	1.5
1.4	256QAM	1	3	19.72	19.90	19.84		
1.4	256QAM	1	5	19.92	19.89	19.78		
1.4	256QAM	3	0	19.84	19.90	19.59		
1.4	256QAM	3	1	19.62	19.82	19.65		
1.4	256QAM	3	3	19.68	19.94	19.74		
1.4	256QAM	6	0	19.69	19.90	19.70	20.7	1.5

Band 26 Ant1 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.90	24.07	23.89	24.7	0
15	QPSK	1	37	23.94	24.00	23.81		
15	QPSK	1	74	23.91	23.99	23.82		
15	QPSK	36	0	23.82	24.04	23.75	24.7	0
15	QPSK	36	20	23.81	23.97	23.74		
15	QPSK	36	39	23.78	23.96	23.75		
15	QPSK	75	0	23.77	24.03	23.83		
15	16QAM	1	0	23.85	23.96	23.81	24.7	0
15	16QAM	1	37	23.84	23.92	23.74		
15	16QAM	1	74	23.88	23.93	23.72		
15	16QAM	36	0	22.92	23.07	22.88	23.7	1
15	16QAM	36	20	23.00	23.05	22.83		
15	16QAM	36	39	22.91	23.02	22.85		
15	16QAM	75	0	22.83	23.05	22.79		
15	64QAM	1	0	22.79	22.96	22.77	23.7	1
15	64QAM	1	37	22.75	22.94	22.78		
15	64QAM	1	74	22.80	23.01	22.88		
15	64QAM	36	0	21.94	22.09	21.91	22.7	2
15	64QAM	36	20	21.94	21.99	21.79		
15	64QAM	36	39	21.88	22.02	21.84		
15	64QAM	75	0	21.80	21.99	21.70		
15	256QAM	1	0	19.93	20.08	19.86	20.7	4
15	256QAM	1	37	19.88	19.96	19.86		
15	256QAM	1	74	19.88	20.00	19.85		
15	256QAM	36	0	19.79	20.06	19.77	20.7	4
15	256QAM	36	20	19.80	19.92	19.68		
15	256QAM	36	39	19.75	19.96	19.76		
15	256QAM	75	0	19.74	20.07	19.80		
Channel				26740	26865	26990	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.85	24.01	23.84	24.7	0
10	QPSK	1	25	23.88	23.96	23.71		
10	QPSK	1	49	23.88	23.87	23.75		
10	QPSK	25	0	23.79	23.95	23.71	24.7	0
10	QPSK	25	12	23.78	23.87	23.67		
10	QPSK	25	25	23.66	23.87	23.62		
10	QPSK	50	0	23.74	24.00	23.80		
10	16QAM	1	0	23.75	23.87	23.77	24.7	0
10	16QAM	1	25	23.78	23.83	23.71		
10	16QAM	1	49	23.82	23.84	23.66		
10	16QAM	25	0	22.84	22.96	22.79	23.7	1
10	16QAM	25	12	22.93	22.96	22.72		
10	16QAM	25	25	22.85	22.93	22.78		
10	16QAM	50	0	22.72	22.92	22.76		
10	64QAM	1	0	22.68	22.86	22.74	23.7	1
10	64QAM	1	25	22.73	22.82	22.66		
10	64QAM	1	49	22.66	22.96	22.78		
10	64QAM	25	0	21.84	21.95	21.87	22.7	2
10	64QAM	25	12	21.80	21.86	21.77		
10	64QAM	25	25	21.78	21.89	21.71		
10	64QAM	50	0	21.70	21.97	21.64		
10	256QAM	1	0	19.85	20.02	19.83	20.7	4
10	256QAM	1	25	19.79	19.92	19.78		
10	256QAM	1	49	19.77	19.96	19.82		
10	256QAM	25	0	19.76	19.96	19.68	20.7	4
10	256QAM	25	12	19.67	19.79	19.57		
10	256QAM	25	25	19.67	19.87	19.69		
10	256QAM	50	0	19.62	20.01	19.73		
Channel				26715	26865	27015	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.84	23.99	23.84	24.7	0
5	QPSK	1	12	23.81	23.94	23.68		
5	QPSK	1	24	23.88	23.94	23.79		
5	QPSK	12	0	23.72	23.96	23.73	24.7	0
5	QPSK	12	7	23.69	23.92	23.67		
5	QPSK	12	13	23.68	23.93	23.65		
5	QPSK	25	0	23.70	23.89	23.72		
5	16QAM	1	0	23.71	23.94	23.74	24.7	0
5	16QAM	1	12	23.80	23.88	23.62		
5	16QAM	1	24	23.75	23.83	23.58		
5	16QAM	12	0	22.88	22.98	22.75	23.7	1
5	16QAM	12	7	22.88	22.91	22.78		
5	16QAM	12	13	22.83	22.94	22.81		
5	16QAM	25	0	22.72	22.98	22.70		
5	64QAM	1	0	22.77	22.86	22.73	23.7	1
5	64QAM	1	12	22.68	22.83	22.69		
5	64QAM	1	24	22.76	22.88	22.74		
5	64QAM	12	0	21.82	21.98	21.83	22.7	2
5	64QAM	12	7	21.89	21.96	21.73		
5	64QAM	12	13	21.77	21.93	21.75		
5	64QAM	25	0	21.75	21.90	21.58		
5	256QAM	1	0	19.80	20.02	19.84	20.7	4
5	256QAM	1	12	19.84	19.88	19.78		
5	256QAM	1	24	19.78	19.87	19.82		
5	256QAM	12	0	19.67	19.95	19.69	20.7	4
5	256QAM	12	7	19.77	19.87	19.62		
5	256QAM	12	13	19.69	19.87	19.65		
5	256QAM	25	0	19.65	20.01	19.67		
Channel				26705	26865	27025	Tune-up limit	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.79	23.99	23.83	24.7	0
3	QPSK	1	8	23.91	23.92	23.76		
3	QPSK	1	14	23.81	23.93	23.79		
3	QPSK	8	0	23.69	23.92	23.61	24.7	0
3	QPSK	8	4	23.73	23.85	23.72		
3	QPSK	8	7	23.67	23.92	23.69		
3	QPSK	15	0	23.68	23.96	23.79		
3	16QAM	1	0	23.80	23.88	23.69	24.7	0
3	16QAM	1	8	23.77	23.88	23.61		
3	16QAM	1	14	23.77	23.79	23.59		
3	16QAM	8	0	22.81	23.00	22.80	23.7	1
3	16QAM	8	4	22.92	22.99	22.79		
3	16QAM	8	7	22.89	22.99	22.74		
3	16QAM	15	0	22.77	22.99	22.89		
3	64QAM	1	0	22.68	22.84	22.64	23.7	1
3	64QAM	1	8	22.65	22.83	22.72		
3	64QAM	1	14	22.71	22.93	22.82		
3	64QAM	8	0	21.85	21.97	21.78	22.7	2
3	64QAM	8	4	21.81	21.96	21.66		
3	64QAM	8	7	21.78	21.97	21.78		
3	64QAM	15	0	21.75	21.94	21.66		
3	256QAM	1	0	19.91	19.96	19.82	20.7	4
3	256QAM	1	8	19.86	19.93	19.75		
3	256QAM	1	14	19.75	19.88	19.72		
3	256QAM	8	0	19.76	19.97	19.68	20.7	4
3	256QAM	8	4	19.76	19.79	19.64		
3	256QAM	8	7	19.69	19.82	19.63		
3	256QAM	15	0	19.70	19.98	19.74		
Channel				26697	26865	27033	Tune-up limit	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.78	23.98	23.76	24.7	0
1.4	QPSK	1	3	23.82	23.90	23.68		
1.4	QPSK	1	5	23.86	23.93	23.76		
1.4	QPSK	3	0	23.75	23.96	23.71		
1.4	QPSK	3	1	23.73	23.86	23.65		
1.4	QPSK	3	3	23.71	23.91	23.67		
1.4	QPSK	6	0	23.75	23.94	23.73	24.7	0
1.4	16QAM	1	0	23.77	23.91	23.69	24.7	0
1.4	16QAM	1	3	23.71	23.80	23.66		
1.4	16QAM	1	5	23.82	23.81	23.66		
1.4	16QAM	3	0	22.82	23.04	22.79		
1.4	16QAM	3	1	22.91	22.99	22.69		
1.4	16QAM	3	3	22.82	22.99	22.72		
1.4	16QAM	6	0	22.80	22.91	22.68	23.7	1
1.4	64QAM	1	0	22.73	22.93	22.66	23.7	1
1.4	64QAM	1	3	22.70	22.83	22.75		
1.4	64QAM	1	5	22.72	22.92	22.80		
1.4	64QAM	3	0	21.85	22.00	21.77		
1.4	64QAM	3	1	21.89	21.86	21.89		
1.4	64QAM	3	3	21.80	21.94	21.71		
1.4	64QAM	6	0	21.69	21.87	21.67	22.7	2
1.4	256QAM	1	0	19.90	20.01	19.74	20.7	4
1.4	256QAM	1	3	19.78	19.89	19.78		
1.4	256QAM	1	5	19.76	19.87	19.76		
1.4	256QAM	3	0	19.75	19.99	19.69		
1.4	256QAM	3	1	19.69	19.82	19.58		
1.4	256QAM	3	3	19.70	19.89	19.68		
1.4	256QAM	6	0	19.69	19.97	19.70	20.7	4

GSM1900 Ant2 ECI3

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.92	28.09	27.96	29.00	18.92	19.09	18.96	20.00
GPRS 1 Tx slot	27.96	27.95	27.91	29.00	18.96	18.95	18.91	20.00
GPRS 2 Tx slots	25.11	25.19	25.18	26.00	19.11	19.19	19.18	20.00
GPRS 3 Tx slots	23.35	23.42	23.36	24.20	19.09	19.16	19.10	19.94
GPRS 4 Tx slots	22.07	22.12	22.06	23.00	19.07	19.12	19.06	20.00
EDGE 1 Tx slot	26.11	26.15	26.09	27.00	17.11	17.15	17.09	18.00
EDGE 2 Tx slots	23.14	23.10	23.06	24.00	17.14	17.10	17.06	18.00
EDGE 3 Tx slots	21.31	21.40	21.30	22.20	17.05	17.14	17.04	17.94
EDGE 4 Tx slots	20.08	20.17	20.11	21.00	17.08	17.17	17.11	18.00

WCDMA II Ant2 ECI3 / WCDMA IV Ant2 ECI3

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.94	20.95	20.91	22.00	22.83	22.92	22.82	24.00
3GPP Rel 99	RMC 12.2Kbps	21.01	21.03	20.97	22.00	22.92	23.02	22.94	24.00
3GPP Rel 6	HSDPA Subtest-1	19.99	20.13	20.00	21.00	21.86	22.02	21.92	23.00
3GPP Rel 6	HSDPA Subtest-2	20.03	20.09	19.98	21.00	21.92	21.95	21.92	23.00
3GPP Rel 6	HSDPA Subtest-3	19.56	19.65	19.53	20.50	21.45	21.58	21.41	22.50
3GPP Rel 6	HSDPA Subtest-4	19.44	19.58	19.55	20.50	21.44	21.43	21.47	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.01	20.17	19.98	21.00	21.86	21.99	21.95	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.97	20.05	19.89	21.00	21.84	22.03	21.83	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.51	19.55	19.50	20.50	21.45	21.44	21.50	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.46	19.65	19.51	20.50	21.39	21.58	21.34	22.50
3GPP Rel 6	HSUPA Subtest-1	19.93	20.13	19.93	21.00	21.91	22.01	21.98	23.00
3GPP Rel 6	HSUPA Subtest-2	17.97	18.08	18.01	19.00	19.89	20.01	20.00	21.00
3GPP Rel 6	HSUPA Subtest-3	18.90	19.07	19.04	20.00	20.91	21.06	20.93	22.00
3GPP Rel 6	HSUPA Subtest-4	17.95	18.09	18.05	19.00	19.82	19.96	19.97	21.00
3GPP Rel 6	HSUPA Subtest-5	20.01	20.13	20.02	21.00	21.94	22.04	21.92	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.42	17.50	17.50	18.50	19.39	19.50	19.45	20.50

Band 2 Ant2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.04	21.13	20.98		
20	QPSK	1	49	20.93	20.99	21.00	22	0
20	QPSK	50	0	20.98	21.05	21.03		
20	QPSK	50	0	20.92	21.09	20.92		
20	QPSK	50	24	20.86	20.94	20.87	22	0
20	QPSK	50	50	20.82	20.95	20.88		
20	QPSK	100	0	20.88	21.02	20.94		
20	16QAM	1	0	20.92	21.02	20.88		
20	16QAM	1	49	20.80	20.86	20.88	22	0
20	16QAM	1	99	20.88	21.00	20.97		
20	16QAM	50	0	20.79	21.07	20.82		
20	16QAM	50	24	20.79	20.91	20.75	22	0
20	16QAM	50	50	20.73	20.87	20.80		
20	16QAM	100	0	20.83	20.98	20.84		
20	64QAM	1	0	21.02	21.01	20.92		
20	64QAM	1	49	20.84	20.97	20.93	22	0
20	64QAM	1	99	20.89	20.95	20.90		
20	64QAM	50	0	20.80	21.03	20.79		
20	64QAM	50	24	20.77	20.81	20.77	22	0
20	64QAM	50	50	20.74	20.91	20.77		
20	64QAM	100	0	20.83	20.91	20.86		
20	256QAM	1	0	19.55	19.64	19.51		
20	256QAM	1	49	19.38	19.50	19.54	20.5	1.5
20	256QAM	1	99	19.50	19.61	19.51		
20	256QAM	50	0	19.43	19.62	19.47		
20	256QAM	50	24	19.41	19.41	19.41	20.5	1.5
20	256QAM	50	50	19.26	19.51	19.35		
20	256QAM	100	0	19.37	19.49	19.44		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.95	20.99	20.86		
15	QPSK	1	37	20.87	20.93	20.86	22	0
15	QPSK	1	74	20.86	20.97	20.93		
15	QPSK	36	0	20.80	21.07	20.89		
15	QPSK	36	20	20.84	20.90	20.76	22	0
15	QPSK	36	39	20.68	20.85	20.83		
15	QPSK	75	0	20.80	20.97	20.88		
15	16QAM	1	0	20.83	20.91	20.77		
15	16QAM	1	37	20.72	20.81	20.79	22	0
15	16QAM	1	74	20.80	20.88	20.84		
15	16QAM	36	0	20.66	21.04	20.78		
15	16QAM	36	20	20.69	20.83	20.72	22	0
15	16QAM	36	39	20.60	20.76	20.75		
15	16QAM	75	0	20.81	20.86	20.72		
15	64QAM	1	0	20.99	20.89	20.90		
15	64QAM	1	37	20.82	20.92	20.86	22	0
15	64QAM	1	74	20.82	20.88	20.84		
15	64QAM	36	0	20.72	20.91	20.67		
15	64QAM	36	20	20.71	20.77	20.68	22	0
15	64QAM	36	39	20.62	20.79	20.72		
15	64QAM	75	0	20.74	20.79	20.78		
15	256QAM	1	0	19.44	19.60	19.37		
15	256QAM	1	37	19.25	19.47	19.51	20.5	1.5
15	256QAM	1	74	19.43	19.50	19.46		
15	256QAM	36	0	19.40	19.56	19.44		
15	256QAM	36	20	19.36	19.34	19.32	20.5	1.5
15	256QAM	36	39	19.23	19.43	19.30		
15	256QAM	75	0	19.33	19.42	19.35		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.91	21.10	20.96		
10	QPSK	1	25	20.87	20.89	20.93	22	0
10	QPSK	1	49	20.93	21.00	20.94		
10	QPSK	25	0	20.80	20.97	20.79		
10	QPSK	25	12	20.77	20.91	20.78	22	0
10	QPSK	25	25	20.69	20.82	20.80		
10	QPSK	50	0	20.85	20.90	20.89		
10	16QAM	1	0	20.85	20.93	20.85		
10	16QAM	1	25	20.70	20.76	20.81	22	0
10	16QAM	1	49	20.82	20.97	20.86		
10	16QAM	25	0	20.72	21.03	20.70		
10	16QAM	25	12	20.76	20.82	20.67	22	0
10	16QAM	25	25	20.68	20.83	20.75		
10	16QAM	50	0	20.73	20.86	20.70		
10	64QAM	1	0	20.97	20.90	20.89		
10	64QAM	1	25	20.78	20.86	20.90	22	0
10	64QAM	1	49	20.82	20.84	20.84		
10	64QAM	25	0	20.76	20.95	20.76		
10	64QAM	25	12	20.64	20.77	20.68	22	0
10	64QAM	25	25	20.64	20.84	20.75		
10	64QAM	50	0	20.70	20.83	20.81		
10	256QAM	1	0	19.46	19.54	19.38		
10	256QAM	1	25	19.29	19.46	19.42	20.5	1.5
10	256QAM	1	49	19.39	19.53	19.40		
10	256QAM	25	0	19.31	19.51	19.35		
10	256QAM	25	12	19.35	19.35	19.28	20.5	1.5
10	256QAM	25	25	19.16	19.40	19.21		
10	256QAM	50	0	19.27	19.39	19.31		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.01	21.04	20.93		
5	QPSK	1	12	20.86	20.89	20.87	22	0
5	QPSK	1	24	20.87	20.91	20.92		
5	QPSK	12	0	20.88	21.00	20.84		
5	QPSK	12	7	20.82	20.87	20.75	22	0
5	QPSK	12	13	20.68	20.86	20.77		
5	QPSK	25	0	20.82	20.89	20.91		
5	16QAM	1	0	20.86	20.91	20.81		
5	16QAM	1	12	20.67	20.76	20.79	22	0
5	16QAM	1	24	20.78	20.94	20.93		
5	16QAM	12	0	20.68	21.04	20.75		
5	16QAM	12	7	20.77	20.86	20.65	22	0
5	16QAM	12	13	20.69	20.79	20.66		
5	16QAM	25	0	20.78	20.84	20.74		
5	64QAM	1	0	20.90	20.97	20.86		
5	64QAM	1	12	20.73	20.90	20.84	22	0
5	64QAM	1	24	20.78	20.93	20.86		
5	64QAM	12	0	20.73	20.94	20.74		
5	64QAM	12	7	20.66	20.71	20.68	22	0
5	64QAM	12	13	20.69	20.86	20.64		
5	64QAM	25	0	20.76	20.79	20.75		
5	256QAM	1	0	19.47	19.54	19.40		
5	256QAM	1	12	19.33	19.37	19.42	20.5	1.5
5	256QAM	1	24	19.39	19.51	19.47		
5	256QAM	12	0	19.34	19.55	19.45		
5	256QAM	12	7	19.35	19.27	19.39	20.5	1.5
5	256QAM	12	13	19.22	19.37	19.28		
5	256QAM	25	0	19.29	19.43	19.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.95	21.05	20.94		
3	QPSK	1	8	20.86	20.89	20.93	22	0
3	QPSK	1	14	20.96	20.94	20.96		
3	QPSK	8	0	20.86	20.98	20.84		
3	QPSK	8	4	20.79	20.87	20.84	22	0
3	QPSK	8	7	20.69	20.86	20.76		
3	QPSK	15	0	20.80	20.95	20.83		
3	16QAM	1	0	20.80	20.91	20.77		
3	16QAM	1	8	20.74	20.75	20.82	22	0
3	16QAM	1	14	20.81	20.86	20.91		
3	16QAM	8	0	20.70	20.98	20.69		
3	16QAM	8	4	20.70	20.78	20.69	22	0
3	16QAM	8	7	20.63	20.85	20.73		
3	16QAM	15	0	20.79	20.88	20.71		
3	64QAM	1	0	21.00	20.94	20.88		
3	64QAM	1	8	20.78	20.89	20.89	22	0
3	64QAM	1	14	20.83	20.84	20.84		
3	64QAM	8	0	20.77	20.98	20.74		
3	64QAM	8	4	20.64	20.70	20.69	22	0
3	64QAM	8	7	20.70	20.85	20.66		
3	64QAM	15	0	20.74	20.80	20.72		
3	256QAM	1	0	19.50	19.52	19.38		
3	256QAM	1	8	19.28	19.40	19.44	20.5	1.5
3	256QAM	1	14	19.40	19.56	19.47		
3	256QAM	8	0	19.39	19.53	19.41		
3	256QAM	8	4	19.29	19.29	19.29	20.5	1.5
3	256QAM	8	7	19.12	19.48	19.21		
3	256QAM	15	0	19.33	19.37	19.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.94	21.06	20.86		
1.4	QPSK	1	3	20.82	20.96	20.87		
1.4	QPSK	1	5	20.88	21.00	21.00	22	0
1.4	QPSK	3	0	20.85	21.06	20.85		
1.4	QPSK	3	1	20.82	20.87	20.77		
1.4	QPSK	3	3	20.70	20.89	20.78		
1.4	QPSK	6	0	20.76	20.97	20.84	22	0
1.4	16QAM	1	0	20.81	20.94	20.80		
1.4	16QAM	1	3	20.78	20.75	20.85		
1.4	16QAM	1	5	20.77	20.90	20.86	22	0
1.4	16QAM	3	0	20.72	20.97	20.80		
1.4	16QAM	3	1	20.75	20.87	20.67		
1.4	16QAM	3	3	20.67	20.84	20.70		
1.4	16QAM	6	0	20.77	20.96	20.75	22	0
1.4	64QAM	1	0	20.93	20.95	20.82		
1.4	64QAM	1	3	20.72	20.90	20.87		
1.4	64QAM	1	5	20.84	20.90	20.88	22	0
1.4	64QAM	3	0	20.69	20.97	20.71		
1.4	64QAM	3	1	20.74	20.69	20.64		
1.4	64QAM	3	3	20.70	20.83	20.65		
1.4	64QAM	6	0	20.72	20.86	20.76	22	0
1.4	256QAM	1	0	19.52	19.59	19.45		
1.4	256QAM	1	3	19.26	19.39	19.48		
1.4	256QAM	1	5	19.42	19.57	19.38	20.5	1.5
1.4	256QAM	3	0	19.36	19.56	19.40		
1.4	256QAM	3	1	19.35	19.33	19.35		
1.4	256QAM	3	3	19.17	19.39	19.25		
1.4	256QAM	6	0	19.30	19.36	19.40	20.5	1.5

Band 4 Ant2 ECI3

BW [MHz]	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	23.50	23.56	23.50		
20	QPSK	1	49	23.40	23.50	23.37	24.2	0
20	QPSK	50	0	23.37	23.46	23.40		
20	QPSK	50	0	23.47	23.51	23.43		
20	QPSK	50	24	23.38	23.44	23.32	24.2	0
20	QPSK	50	50	23.32	23.43	23.38		
20	QPSK	100	0	23.40	23.50	23.40		
20	16QAM	1	0	23.41	23.49	23.45		
20	16QAM	1	49	23.35	23.47	23.31	24.2	0
20	16QAM	1	99	23.24	23.41	23.26		
20	16QAM	50	0	23.04	23.00	23.01		
20	16QAM	50	24	22.84	23.00	22.89	23.7	0.5
20	16QAM	50	50	22.90	23.01	22.90		
20	16QAM	100	0	23.03	23.07	22.93		
20	64QAM	1	0	22.93	22.97	22.77		
20	64QAM	1	49	22.88	22.88	22.84	23.7	0.5
20	64QAM	1	99	22.92	22.99	22.91		
20	64QAM	50	0	21.99	22.04	22.01		
20	64QAM	50	24	21.89	22.02	21.82	22.7	1.5
20	64QAM	50	50	21.88	21.96	21.86		
20	64QAM	100	0	21.91	22.00	21.87		
20	256QAM	1	0	19.97	20.05	20.03		
20	256QAM	1	49	19.84	20.06	19.87	20.7	3.5
20	256QAM	1	99	19.84	19.92	19.94		
20	256QAM	50	0	20.01	20.06	19.97		
20	256QAM	50	24	19.91	19.97	19.86	20.7	3.5
20	256QAM	50	50	19.87	19.95	19.82		
20	256QAM	100	0	19.86	19.96	19.90		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.48	23.50	23.42		
15	QPSK	1	37	23.37	23.40	23.31	24.2	0
15	QPSK	1	74	23.35	23.37	23.35		
15	QPSK	36	0	23.42	23.49	23.35		
15	QPSK	36	20	23.32	23.36	23.24	24.2	0
15	QPSK	36	39	23.18	23.30	23.29		
15	QPSK	75	0	23.32	23.40	23.35		
15	16QAM	1	0	23.28	23.37	23.40		
15	16QAM	1	37	23.32	23.33	23.29	24.2	0
15	16QAM	1	74	23.03	23.29	23.17		
15	16QAM	36	0	23.01	22.90	22.93		
15	16QAM	36	20	22.77	22.97	22.83	23.7	0.5
15	16QAM	36	39	22.79	22.89	22.86		
15	16QAM	75	0	22.92	22.99	22.93		
15	64QAM	1	0	22.91	22.91	22.67		
15	64QAM	1	37	22.74	22.84	22.74	23.7	0.5
15	64QAM	1	74	22.81	22.86	22.80		
15	64QAM	36	0	21.90	21.95	21.98		
15	64QAM	36	20	21.78	21.83	21.72	22.7	1.5
15	64QAM	36	39	21.75	21.84	21.80		
15	64QAM	75	0	21.82	21.92	21.74		
15	256QAM	1	0	19.94	20.00	19.95		
15	256QAM	1	37	19.78	19.82	19.76	20.7	3.5
15	256QAM	1	74	19.75	19.85	19.88		
15	256QAM	36	0	19.92	19.93	19.95		
15	256QAM	36	20	19.88	19.88	19.72	20.7	3.5
15	256QAM	36	39	19.73	19.91	19.71		
15	256QAM	75	0	19.74	19.83	19.80		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.41	23.44	23.47		
10	QPSK	1	25	23.31	23.46	23.25	24.2	0
10	QPSK	1	49	23.29	23.41	23.32		
10	QPSK	25	0	23.38	23.38	23.39		
10	QPSK	25	12	23.34	23.37	23.27	24.2	0
10	QPSK	25	25	23.28	23.38	23.30		
10	QPSK	50	0	23.29	23.38	23.35		
10	16QAM	1	0	23.28	23.45	23.36		
10	16QAM	1	25	23.31	23.35	23.20	24.2	0
10	16QAM	1	49	23.17	23.36	23.22		
10	16QAM	25	0	22.97	22.87	22.96		
10	16QAM	25	12	22.77	22.92	22.82	23.7	0.5
10	16QAM	25	25	22.77	22.98	22.77		
10	16QAM	50	0	23.00	22.97	22.83		
10	64QAM	1	0	22.82	22.92	22.64		
10	64QAM	1	25	22.76	22.79	22.74	23.7	0.5
10	64QAM	1	49	22.86	22.87	22.87		
10	64QAM	25	0	21.87	21.97	21.91		
10	64QAM	25	12	21.85	21.98	21.77	22.7	1.5
10	64QAM	25	25	21.80	21.85	21.78		
10	64QAM	50	0	21.85	21.95	21.79		
10	256QAM	1	0	19.85	20.01	19.97		
10	256QAM	1	25	19.72	19.93	19.80	20.7	3.5
10	256QAM	1	49	19.80	19.83	19.92		
10	256QAM	25	0	19.90	20.01	19.91		
10	256QAM	25	12	19.85	19.84	19.75	20.7	3.5
10	256QAM	25	25	19.76	19.81	19.80		
10	256QAM	50	0	19.84	19.82	19.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.46	23.48	23.44		
5	QPSK	1	12	23.33	23.36	23.31	24.2	0
5	QPSK	1	24	23.24	23.36	23.27		
5	QPSK	12	0	23.44	23.45	23.29		
5	QPSK	12	7	23.25	23.35	23.20	24.2	0
5	QPSK	12	13	23.28	23.39	23.32		
5	QPSK	25	0	23.36	23.42	23.33		
5	16QAM	1	0	23.37	23.37	23.40		
5	16QAM	1	12	23.28	23.35	23.23	24.2	0
5	16QAM	1	24	23.18	23.38	23.16		
5	16QAM	12	0	22.96	22.93	22.91		
5	16QAM	12	7	22.80	22.95	22.84	23.7	0.5
5	16QAM	12	13	22.86	22.92	22.78		
5	16QAM	25	0	22.90	22.96	22.89		
5	64QAM	1	0	22.88	22.86	22.72		
5	64QAM	1	12	22.77	22.76	22.78	23.7	0.5
5	64QAM	1	24	22.90	22.88	22.81		
5	64QAM	12	0	21.87	21.99	21.93		
5	64QAM	12	7	21.76	21.89	21.75	22.7	1.5
5	64QAM	12	13	21.77	21.82	21.80		
5	64QAM	25	0	21.83	21.88	21.74		
5	256QAM	1	0	19.85	19.92	19.94		
5	256QAM	1	12	19.76	20.03	19.74	20.7	3.5
5	256QAM	1	24	19.75	19.84	19.84		
5	256QAM	12	0	19.95	19.96	19.89		
5	256QAM	12	7	19.78	19.85	19.79	20.7	3.5
5	256QAM	12	13	19.83	19.93	19.74		
5	256QAM	25	0	19.81	19.83	19.84		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.39	23.43	23.38		
3	QPSK	1	8	23.29	23.42	23.35	24.2	0
3	QPSK	1	14	23.30	23.42	23.34		
3	QPSK	8	0	23.35	23.42	23.37		
3	QPSK	8	4	23.33	23.33	23.26	24.2	0
3	QPSK	8	7	23.20	23.30	23.33		
3	QPSK	15	0	23.37	23.41	23.34		
3	16QAM	1	0	23.37	23.36	23.32		
3	16QAM	1	8	23.32	23.41	23.26	24.2	0
3	16QAM	1	14	23.21	23.29	23.13		
3	16QAM	8	0	22.96	22.91	22.93		
3	16QAM	8	4	22.79	22.91	22.83	23.7	0.5
3	16QAM	8	7	22.76	22.87	22.77		
3	16QAM	15	0	22.97	22.95	22.82		
3	64QAM	1	0	22.85	22.93	22.65		
3	64QAM	1	8	22.85	22.75	22.71	23.7	0.5
3	64QAM	1	14	22.84	22.90	22.81		
3	64QAM	8	0	21.89	21.99	21.89		
3	64QAM	8	4	21.76	21.99	21.76	22.7	1.5
3	64QAM	8	7	21.81	21.88	21.80		
3	64QAM	15	0	21.88	21.88	21.83		
3	256QAM	1	0	19.90	19.93	19.97		
3	256QAM	1	8	19.79	19.97	19.83	20.7	3.5
3	256QAM	1	14	19.75	19.83	19.88		
3	256QAM	8	0	19.96	19.95	19.84		
3	256QAM	8	4	19.89	19.91	19.75	20.7	3.5
3	256QAM	8	7	19.84	19.81	19.75		
3	256QAM	15	0	19.75	19.86	19.86		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.47	23.52	23.44		
1.4	QPSK	1	3	23.31	23.40	23.31		
1.4	QPSK	1	5	23.29	23.37	23.37	24.2	0
1.4	QPSK	3	0	23.36	23.47	23.32		
1.4	QPSK	3	1	23.35	23.32	23.25		
1.4	QPSK	3	3	23.23	23.37	23.29		
1.4	QPSK	6	0	23.27	23.38	23.31	24.2	0
1.4	16QAM	1	0	23.28	23.45	23.41		
1.4	16QAM	1	3	23.33	23.34	23.20		
1.4	16QAM	1	5	23.15	23.33	23.14	24.2	0
1.4	16QAM	3	0	23.23	23.40	23.37		
1.4	16QAM	3	1	23.20	23.25	23.07		
1.4	16QAM	3	3	23.09	23.19	23.10		
1.4	16QAM	6	0	22.89	22.98	22.83	24.2	0
1.4	64QAM	1	0	22.79	22.94	22.72		
1.4	64QAM	1	3	22.75	22.82	22.74		
1.4	64QAM	1	5	22.89	22.96	22.78	24.2	0
1.4	64QAM	3	0	22.83	22.84	22.72		
1.4	64QAM	3	1	22.70	22.80	22.68		
1.4	64QAM	3	3	22.69	22.72	22.64		
1.4	64QAM	6	0	21.84	21.97	21.76	24.2	0
1.4	256QAM	1	0	19.95	19.98	19.90		
1.4	256QAM	1	3	19.76	20.04	19.75		
1.4	256QAM	1	5	19.79	19.89	19.82	22.7	1.5
1.4	256QAM	3	0	19.91	19.96	19.92		
1.4	256QAM	3	1	19.80	19.90	19.72		
1.4	256QAM	3	3	19.80	19.90	19.74		
1.4	256QAM	6	0	19.72	19.89	19.84	22.7	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.14	21.16	21.11		
20	QPSK	1	49	20.97	21.00	20.90	21.7	0
20	QPSK	1	99	21.06	21.03	20.94		
20	QPSK	50	0	21.08	21.12	21.07		
20	QPSK	50	24	20.91	20.88	20.87	21.7	0
20	QPSK	50	50	20.94	21.01	20.82		
20	QPSK	100	0	21.05	21.08	20.98		
20	16QAM	1	0	21.06	21.06	21.07		
20	16QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.83	21.00	20.86	21.7	0
20	QPSK	1	49	20.80	20.97	20.80		
20	QPSK	1	99	20.83	20.87	20.67		
20	QPSK	50	0	20.76	20.95	20.81	21.7	0
20	QPSK	50	24	20.75	20.92	20.63		
20	QPSK	50	50	20.64	20.88	20.66		
20	QPSK	100	0	20.89	20.86	20.74		
20	16QAM	1	0	20.75	20.87	20.80	21.7	0
20	16QAM	1	49	20.69	20.95	20.71		
20	16QAM	1	99	20.80	20.78	20.54		
20	16QAM	50	0	20.67	20.87	20.68	21.7	0
20	16QAM	50	24	20.64	20.89	20.61		
20	16QAM	50	50	20.52	20.81	20.57		
20	16QAM	100	0	20.86	20.75	20.63		
20	64QAM	1	0	20.77	20.86	20.80	21.7	0
20	64QAM	1	49	20.74	20.87	20.75		
20	64QAM	1	99	20.79	20.85	20.65		
20	64QAM	50	0	20.74	20.90	20.73	21.7	0
20	64QAM	50	24	20.63	20.85	20.49		
20	64QAM	50	50	20.53	20.86	20.53		
20	64QAM	100	0	20.81	20.78	20.70		
20	256QAM	1	0	19.80	19.97	19.84	20.7	1
20	256QAM	1	49	19.84	20.01	19.82		
20	256QAM	1	99	19.78	19.83	19.61		
20	256QAM	50	0	19.78	20.00	19.80	20.7	1
20	256QAM	50	24	19.76	19.93	19.67		
20	256QAM	50	50	19.60	19.83	19.64		
20	256QAM	100	0	19.94	19.90	19.71		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.73	20.95	20.81	21.7	0
15	QPSK	1	37	20.74	20.88	20.67		
15	QPSK	1	74	20.76	20.74	20.54		
15	QPSK	36	0	20.71	20.88	20.67	21.7	0
15	QPSK	36	20	20.65	20.90	20.49		
15	QPSK	36	39	20.57	20.74	20.64		
15	QPSK	75	0	20.80	20.77	20.64		
15	16QAM	1	0	20.66	20.73	20.75	21.7	0
15	16QAM	1	37	20.65	20.92	20.67		
15	16QAM	1	74	20.74	20.64	20.48		
15	16QAM	36	0	20.58	20.79	20.55	21.7	0
15	16QAM	36	20	20.53	20.79	20.49		
15	16QAM	36	39	20.39	20.67	20.47		
15	16QAM	75	0	20.82	20.70	20.51		
15	64QAM	1	0	20.67	20.79	20.72	21.7	0
15	64QAM	1	37	20.68	20.75	20.67		
15	64QAM	1	74	20.67	20.76	20.55		
15	64QAM	36	0	20.71	20.78	20.63	21.7	0
15	64QAM	36	20	20.49	20.77	20.44		
15	64QAM	36	39	20.47	20.73	20.41		
15	64QAM	75	0	20.74	20.69	20.56		
15	256QAM	1	0	19.68	19.83	19.75	20.7	1
15	256QAM	1	37	19.75	19.92	19.79		
15	256QAM	1	74	19.70	19.79	19.56		
15	256QAM	36	0	19.73	19.94	19.73	20.7	1
15	256QAM	36	20	19.64	19.87	19.57		
15	256QAM	36	39	19.47	19.80	19.54		
15	256QAM	75	0	19.85	19.80	19.62		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.80	20.90	20.75	21.7	0
10	QPSK	1	25	20.68	20.84	20.69		
10	QPSK	1	49	20.75	20.73	20.58		
10	QPSK	25	0	20.65	20.92	20.70	21.7	0
10	QPSK	25	12	20.72	20.84	20.52		
10	QPSK	25	25	20.53	20.76	20.53		
10	QPSK	50	0	20.83	20.72	20.66		
10	16QAM	1	0	20.70	20.75	20.76	21.7	0
10	16QAM	1	25	20.64	20.84	20.66		
10	16QAM	1	49	20.67	20.64	20.41		
10	16QAM	25	0	20.59	20.76	20.60	21.7	0
10	16QAM	25	12	20.53	20.86	20.55		
10	16QAM	25	25	20.49	20.74	20.45		
10	16QAM	50	0	20.75	20.66	20.55		
10	64QAM	1	0	20.72	20.76	20.66	21.7	0
10	64QAM	1	25	20.68	20.84	20.68		
10	64QAM	1	49	20.72	20.73	20.58		
10	64QAM	25	0	20.63	20.83	20.65	21.7	0
10	64QAM	25	12	20.53	20.72	20.46		
10	64QAM	25	25	20.47	20.74	20.40		
10	64QAM	50	0	20.75	20.69	20.60		
10	256QAM	1	0	19.75	19.88	19.81	20.7	1
10	256QAM	1	25	19.71	19.95	19.74		
10	256QAM	1	49	19.74	19.74	19.56		
10	256QAM	25	0	19.66	19.91	19.69	20.7	1
10	256QAM	25	12	19.69	19.90	19.53		
10	256QAM	25	25	19.50	19.80	19.56		
10	256QAM	50	0	19.86	19.77	19.61		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.71	20.89	20.80	21.7	0
5	QPSK	1	12	20.70	20.93	20.76		
5	QPSK	1	24	20.81	20.77	20.53		
5	QPSK	12	0	20.69	20.86	20.69	21.7	0
5	QPSK	12	7	20.67	20.89	20.55		
5	QPSK	12	13	20.58	20.81	20.62		
5	QPSK	25	0	20.80	20.76	20.70		
5	16QAM	1	0	20.69	20.83	20.75	21.7	0
5	16QAM	1	12	20.62	20.86	20.65		
5	16QAM	1	24	20.74	20.67	20.51		
5	16QAM	12	0	20.63	20.84	20.65	21.7	0
5	16QAM	12	7	20.53	20.86	20.54		
5	16QAM	12	13	20.39	20.79	20.43		
5	16QAM	25	0	20.76	20.70	20.49		
5	64QAM	1	0	20.71	20.72	20.68	21.7	0
5	64QAM	1	12	20.67	20.77	20.65		
5	64QAM	1	24	20.69	20.77	20.56		
5	64QAM	12	0	20.60	20.86	20.70	21.7	0
5	64QAM	12	7	20.50	20.78	20.46		
5	64QAM	12	13	20.47	20.83	20.50		
5	64QAM	25	0	20.70	20.74	20.66		
5	256QAM	1	0	19.78	19.86	19.73	20.7	1
5	256QAM	1	12	19.79	19.99	19.78		
5	256QAM	1	24	19.71	19.69	19.51		
5	256QAM	12	0	19.75	19.92	19.71	20.7	1
5	256QAM	12	7	19.67	19.82	19.55		
5	256QAM	12	13	19.57	19.78	19.57		
5	256QAM	25	0	19.89	19.88	19.63		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.86	20.91	21.01	20.75	20.92	21.7	0
20	QPSK	1	49	20.79	20.75	20.90	20.67	20.89		
20	QPSK	1	99	20.75	20.86	20.95	20.80	20.92		
20	QPSK	50	0	20.87	20.82	20.97	20.73	20.85	21.7	0
20	QPSK	50	24	20.80	20.69	20.81	20.65	20.79		
20	QPSK	50	50	20.68	20.77	20.92	20.79	20.81		
20	QPSK	100	0	20.84	20.86	20.94	20.75	20.82		
20	16QAM	1	0	20.75	20.83	20.94	20.61	20.82	21.7	0
20	16QAM	1	49	20.72	20.71	20.88	20.54	20.80		
20	16QAM	1	99	20.65	20.80	20.86	20.67	20.86		
20	16QAM	50	0	20.82	20.80	20.93	20.67	20.74	21.7	0
20	16QAM	50	24	20.69	20.56	20.75	20.53	20.67		
20	16QAM	50	50	20.55	20.66	20.86	20.69	20.77		
20	16QAM	100	0	20.70	20.82	20.80	20.63	20.76		
20	64QAM	1	0	20.82	20.77	20.93	20.67	20.78	21.7	0
20	64QAM	1	49	20.75	20.61	20.76	20.64	20.80		
20	64QAM	1	99	20.70	20.74	20.84	20.68	20.87		
20	64QAM	50	0	20.76	20.71	20.84	20.67	20.74	21.7	0
20	64QAM	50	24	20.70	20.55	20.76	20.60	20.71		
20	64QAM	50	50	20.56	20.71	20.87	20.66	20.73		
20	64QAM	100	0	20.77	20.82	20.85	20.66	20.68		
20	256QAM	1	0	19.91	19.86	19.96	19.70	19.88	20.7	1
20	256QAM	1	49	19.77	19.81	19.88	19.63	19.84		
20	256QAM	1	99	19.69	19.80	19.97	19.84	19.93		
20	256QAM	50	0	19.84	19.76	19.99	19.76	19.89	20.7	1
20	256QAM	50	24	19.81	19.64	19.80	19.66	19.77		
20	256QAM	50	50	19.65	19.73	19.91	19.80	19.79		
20	256QAM	100	0	19.83	19.82	19.98	19.75	19.85		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.80	20.89	20.95	20.62	20.81	21.70	0
15	QPSK	1	37	20.65	20.63	20.85	20.59	20.80		
15	QPSK	1	74	20.71	20.80	20.87	20.68	20.83		
15	QPSK	36	0	20.80	20.78	20.94	20.60	20.81	21.7	0
15	QPSK	36	20	20.69	20.66	20.68	20.60	20.74		
15	QPSK	36	39	20.61	20.71	20.83	20.67	20.76		
15	QPSK	75	0	20.79	20.77	20.81	20.69	20.69		
15	16QAM	1	0	20.62	20.72	20.84	20.55	20.77	21.7	0
15	16QAM	1	37	20.62	20.58	20.83	20.41	20.75		
15	16QAM	1	74	20.52	20.72	20.78	20.55	20.80		
15	16QAM	36	0	20.74	20.72	20.83	20.57	20.70	21.7	0
15	16QAM	36	20	20.56	20.43	20.64	20.49	20.59		
15	16QAM	36	39	20.49	20.57	20.76	20.65	20.75		
15	16QAM	75	0	20.58	20.78	20.75	20.54	20.63		
15	64QAM	1	0	20.71	20.69	20.84	20.62	20.71	21.7	0
15	64QAM	1	37	20.69	20.48	20.73	20.57	20.71		
15	64QAM	1	74	20.63	20.69	20.73	20.66	20.77		
15	64QAM	36	0	20.63	20.60	20.72	20.59	20.61	21.7	0
15	64QAM	36	20	20.65	20.49	20.63	20.49	20.60		
15	64QAM	36	39	20.45	20.67	20.77	20.61	20.60		
15	64QAM	75	0	20.71	20.70	20.73	20.64	20.64		
15	256QAM	1	0	19.79	19.74	19.92	19.59	19.81	20.7	1
15	256QAM	1	37	19.67	19.76	19.83	19.54	19.71		
15	256QAM	1	74	19.58	19.71	19.95	19.74	19.82		
15	256QAM	36	0	19.79	19.66	19.89	19.71	19.83	20.7	1
15	256QAM	36	20	19.69	19.56	19.76	19.55	19.70		
15	256QAM	36	39	19.61	19.59	19.86	19.71	19.75		
15	256QAM	75	0	19.72	19.76	19.94	19.62	19.80		
Channel				39700	40150	40600	41050	41500	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.83	20.78	20.92	20.62	20.90	21.70	0
10	QPSK	1	25	20.75	20.61	20.85	20.62	20.84		
10	QPSK	1	49	20.70	20.79	20.90	20.74	20.81		
10	QPSK	25	0	20.77	20.72	20.87	20.66	20.82	21.7	0
10	QPSK	25	12	20.74	20.58	20.76	20.59	20.67		
10	QPSK	25	25	20.60	20.71	20.85	20.69	20.68		
10	QPSK	50	0	20.80	20.73	20.82	20.65	20.77		
10	16QAM	1	0	20.67	20.77	20.87	20.55	20.69	21.7	0
10	16QAM	1	25	20.68	20.64	20.79	20.45	20.78		
10	16QAM	1	49	20.54	20.72	20.75	20.60	20.78		
10	16QAM	25	0	20.77	20.69	20.90	20.63	20.60	21.7	0
10	16QAM	25	12	20.58	20.47	20.67	20.47	20.54		
10	16QAM	25	25	20.43	20.58	20.83	20.55	20.66		
10	16QAM	50	0	20.67	20.78	20.67	20.59	20.63		
10	64QAM	1	0	20.77	20.68	20.88	20.60	20.72	21.7	0
10	64QAM	1	25	20.61	20.49	20.65	20.59	20.75		
10	64QAM	1	49	20.66	20.71	20.74	20.59	20.79		
10	64QAM	25	0	20.70	20.59	20.81	20.62	20.65	21.7	0
10	64QAM	25	12	20.59	20.45	20.69	20.48	20.68		
10	64QAM	25	25	20.46	20.68	20.74	20.59	20.69		
10	64QAM	50	0	20.75	20.73	20.76	20.52	20.63		
10	256QAM	1	0	19.86	19.81	19.92	19.68	19.84	20.7	1
10	256QAM	1	25	19.70	19.68	19.81	19.57	19.72		
10	256QAM	1	49	19.64	19.76	19.86	19.80	19.84		
10	256QAM	25	0	19.75	19.72	19.92	19.64	19.77	20.7	1
10	256QAM	25	12	19.68	19.53	19.74	19.62	19.71		
10	256QAM	25	25	19.61	19.67	19.83	19.71	19.76		
10	256QAM	50	0	19.75	19.78	19.86	19.64	19.75		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.78	20.85	20.91	20.68	20.89	21.70	0
5	QPSK	1	12	20.73	20.64	20.82	20.57	20.79		
5	QPSK	1	24	20.62	20.74	20.91	20.77	20.89		
5	QPSK	12	0	20.82	20.71	20.91	20.70	20.78	21.7	0
5	QPSK	12	7	20.72	20.57	20.78	20.54	20.71		
5	QPSK	12	13	20.59	20.74	20.86	20.73	20.78		
5	QPSK	25	0	20.73	20.77	20.93	20.69	20.70		
5	16QAM	1	0	20.67	20.77	20.90	20.55	20.71	21.7	0
5	16QAM	1	12	20.68	20.65	20.82	20.40	20.69		
5	16QAM	1	24	20.55	20.75	20.73	20.54	20.80		
5	16QAM	12	0	20.75	20.67	20.80	20.65	20.65	21.7	0
5	16QAM	12	7	20.67	20.52	20.65	20.41	20.56		
5	16QAM	12	13	20.52	20.53	20.81	20.62	20.68		
5	16QAM	25	0	20.57	20.77	20.77	20.58	20.73	21.7	0
5	64QAM	1	0	20.68	20.71	20.90	20.55	20.75		
5	64QAM	1	12	20.65	20.51	20.66	20.50	20.73		
5	64QAM	1	24	20.64	20.61	20.75	20.55	20.81		
5	64QAM	12	0	20.73	20.57	20.79	20.62	20.68	21.7	0
5	64QAM	12	7	20.57	20.52	20.72	20.56	20.68		
5	64QAM	12	13	20.42	20.63	20.84	20.58	20.59		
5	64QAM	25	0	20.69	20.75	20.72	20.61	20.58		
5	256QAM	1	0	19.87	19.75	19.83	19.65	19.80	20.7	1
5	256QAM	1	12	19.84	19.72	19.77	19.52	19.75		
5	256QAM	1	24	19.57	19.77	19.86	19.76	19.85		
5	256QAM	12	0	19.74	19.65	19.88	19.63	19.77	20.7	1
5	256QAM	12	7	19.74	19.59	19.74	19.62	19.65		
5	256QAM	12	13	19.62	19.59	19.89	19.76	19.69		
5	256QAM	25	0	19.79	19.74	19.96	19.67	19.83		

Band 2 Ant3 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.13	21.19	21.09	22.5	0
20	QPSK	1	49	21.11	21.17	21.08		
20	QPSK	1	99	20.92	21.14	21.10		
20	QPSK	50	0	21.11	21.15	21.06	22.5	0
20	QPSK	50	24	21.07	21.13	21.01		
20	QPSK	50	50	20.84	21.09	21.01		
20	QPSK	100	0	21.08	21.13	21.00		
20	16QAM	1	0	21.07	21.11	21.02	22.5	0
20	16QAM	1	49	21.09	21.05	20.96		
20	16QAM	1	99	20.79	21.09	20.98		
20	16QAM	50	0	21.04	21.05	21.01	22.5	0
20	16QAM	50	24	20.95	21.09	20.88		
20	16QAM	50	50	20.71	21.03	20.89		
20	16QAM	100	0	20.90	21.00	20.88		
20	64QAM	1	0	21.08	21.12	20.99	22.5	0
20	64QAM	1	49	20.98	21.15	21.05		
20	64QAM	1	99	20.81	21.09	20.99		
20	64QAM	50	0	21.06	21.11	20.99	22.5	0
20	64QAM	50	24	21.01	21.09	20.97		
20	64QAM	50	50	20.71	20.99	20.95		
20	64QAM	100	0	20.97	21.00	20.92		
20	256QAM	1	0	19.13	19.23	19.10	20.5	2
20	256QAM	1	49	19.12	19.15	19.03		
20	256QAM	1	99	18.93	19.11	19.15		
20	256QAM	50	0	19.06	19.20	19.01	20.5	2
20	256QAM	50	24	19.05	19.08	19.05		
20	256QAM	50	50	18.82	19.13	18.97		
20	256QAM	100	0	18.97	19.14	19.04		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.07	21.06	21.04	22.5	0
15	QPSK	1	37	21.00	21.09	20.95		
15	QPSK	1	74	20.80	21.12	21.05		
15	QPSK	36	0	21.03	21.09	21.04	22.5	0
15	QPSK	36	20	20.94	21.00	20.96		
15	QPSK	36	39	20.71	20.98	20.96		
15	QPSK	75	0	20.89	21.01	20.97		
15	16QAM	1	0	20.98	21.03	20.95	22.5	0
15	16QAM	1	37	21.04	20.95	20.91		
15	16QAM	1	74	20.70	21.06	20.89		
15	16QAM	36	0	20.90	20.98	20.89	22.5	0
15	16QAM	36	20	20.91	21.00	20.84		
15	16QAM	36	39	20.68	20.95	20.80		
15	16QAM	75	0	20.83	20.87	20.86		
15	64QAM	1	0	21.00	20.98	20.91	22.5	0
15	64QAM	1	37	20.93	21.04	20.97		
15	64QAM	1	74	20.75	21.03	20.91		
15	64QAM	36	0	20.92	21.05	20.95	22.5	0
15	64QAM	36	20	20.91	20.99	20.86		
15	64QAM	36	39	20.63	20.92	20.81		
15	64QAM	75	0	20.92	20.97	20.82		
15	256QAM	1	0	19.03	19.18	19.01	20.5	2
15	256QAM	1	37	18.99	19.01	18.92		
15	256QAM	1	74	18.86	18.97	19.11		
15	256QAM	36	0	18.96	19.11	18.88	20.5	2
15	256QAM	36	20	18.92	19.05	18.92		
15	256QAM	36	39	18.74	19.10	18.92		
15	256QAM	75	0	18.89	19.04	18.90		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.07	21.09	20.95	22.5	0
10	QPSK	1	25	21.04	21.07	21.00		
10	QPSK	1	49	20.90	21.06	21.03		
10	QPSK	25	0	21.05	21.09	20.93	22.5	0
10	QPSK	25	12	20.96	21.00	20.93		
10	QPSK	25	25	20.77	20.95	20.92		
10	QPSK	50	0	20.97	21.06	20.93		
10	16QAM	1	0	21.05	21.08	20.92	22.5	0
10	16QAM	1	25	21.01	21.00	20.93		
10	16QAM	1	49	20.74	21.02	20.94		
10	16QAM	25	0	20.97	21.00	20.95	22.5	0
10	16QAM	25	12	20.87	20.98	20.78		
10	16QAM	25	25	20.61	20.97	20.84		
10	16QAM	50	0	20.78	20.92	20.77		
10	64QAM	1	0	21.01	21.05	20.86	22.5	0
10	64QAM	1	25	20.89	21.01	21.01		
10	64QAM	1	49	20.70	21.01	20.88		
10	64QAM	25	0	21.02	20.99	20.91	22.5	0
10	64QAM	25	12	20.88	21.00	20.95		
10	64QAM	25	25	20.69	20.94	20.92		
10	64QAM	50	0	20.95	20.89	20.80		
10	256QAM	1	0	19.03	19.17	18.99	20.5	2
10	256QAM	1	25	19.03	19.09	18.91		
10	256QAM	1	49	18.86	19.07	19.10		
10	256QAM	25	0	18.97	19.17	18.92	20.5	2
10	256QAM	25	12	19.00	18.98	18.98		
10	256QAM	25	25	18.68	19.11	18.88		
10	256QAM	50	0	18.87	19.06	18.93		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.09	21.10	20.99	22.5	0
5	QPSK	1	12	20.99	21.11	20.97		
5	QPSK	1	24	20.82	21.04	20.99		
5	QPSK	12	0	21.02	21.03	21.01	22.5	0
5	QPSK	12	7	20.98	21.08	20.97		
5	QPSK	12	13	20.70	21.00	20.90		
5	QPSK	25	0	20.87	21.10	20.87		
5	16QAM	1	0	21.05	21.08	20.90	22.5	0
5	16QAM	1	12	21.00	20.98	20.83		
5	16QAM	1	24	20.76	21.04	20.90		
5	16QAM	12	0	20.90	21.00	20.95	22.5	0
5	16QAM	12	7	20.89	20.96	20.75		
5	16QAM	12	13	20.65	20.92	20.80		
5	16QAM	25	0	20.86	20.90	20.76		
5	64QAM	1	0	20.97	21.02	20.93	22.5	0
5	64QAM	1	12	20.95	21.12	20.97		
5	64QAM	1	24	20.78	21.07	20.88		
5	64QAM	12	0	20.94	20.98	20.92	22.5	0
5	64QAM	12	7	20.97	20.99	20.91		
5	64QAM	12	13	20.68	20.94	20.85		
5	64QAM	25	0	20.93	20.93	20.89		
5	256QAM	1	0	19.08	19.21	19.04	20.5	2
5	256QAM	1	12	19.05	19.11	18.97		
5	256QAM	1	24	18.91	18.98	19.09		
5	256QAM	12	0	19.03	19.06	18.91	20.5	2
5	256QAM	12	7	18.93	18.95	18.94		
5	256QAM	12	13	18.69	19.02	18.90		
5	256QAM	25	0	18.89	19.01	18.96		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.05	21.16	21.03	22.5	0
3	QPSK	1	8	21.05	21.06	21.05		
3	QPSK	1	14	20.81	21.10	21.00		
3	QPSK	8	0	21.02	21.09	20.99	22.5	0
3	QPSK	8	4	21.00	21.01	20.89		
3	QPSK	8	7	20.82	21.03	20.91		
3	QPSK	15	0	20.89	21.07	20.94		
3	16QAM	1	0	20.98	21.04	20.91	22.5	0
3	16QAM	1	8	20.98	20.98	20.83		
3	16QAM	1	14	20.71	21.05	20.85		
3	16QAM	8	0	20.91	21.01	20.94	22.5	0
3	16QAM	8	4	20.92	20.96	20.76		
3	16QAM	8	7	20.62	20.92	20.83		
3	16QAM	15	0	20.80	20.97	20.77		
3	64QAM	1	0	21.03	21.10	20.93	22.5	0
3	64QAM	1	8	20.85	21.13	20.94		
3	64QAM	1	14	20.79	20.96	20.86		
3	64QAM	8	0	20.96	21.02	20.97	22.5	0
3	64QAM	8	4	20.91	21.02	20.87		
3	64QAM	8	7	20.60	20.90	20.88		
3	64QAM	15	0	20.91	20.91	20.79		
3	256QAM	1	0	19.06	19.12	19.04	20.5	2
3	256QAM	1	8	18.98	19.02	18.90		
3	256QAM	1	14	18.87	19.08	19.12		
3	256QAM	8	0	19.02	19.06	18.96	20.5	2
3	256QAM	8	4	19.00	19.02	18.94		
3	256QAM	8	7	18.72	19.03	18.86		
3	256QAM	15	0	18.86	19.04	18.90		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.03	21.08	20.97	22.5	0
1.4	QPSK	1	3	20.97	21.14	21.03		
1.4	QPSK	1	5	20.85	21.11	20.98		
1.4	QPSK	3	0	21.03	21.06	21.02		
1.4	QPSK	3	1	21.05	21.06	20.93		
1.4	QPSK	3	3	20.79	21.01	20.93		
1.4	QPSK	6	0	20.91	21.09	20.91	22.5	0
1.4	16QAM	1	0	21.00	21.07	20.91	22.5	0
1.4	16QAM	1	3	21.07	21.02	20.85		
1.4	16QAM	1	5	20.69	20.98	20.92		
1.4	16QAM	3	0	20.93	20.93	20.96		
1.4	16QAM	3	1	20.84	21.06	20.80		
1.4	16QAM	3	3	20.67	20.93	20.86		
1.4	16QAM	6	0	20.78	20.96	20.84	22.5	0
1.4	64QAM	1	0	21.05	21.04	20.92	22.5	0
1.4	64QAM	1	3	20.92	21.05	20.94		
1.4	64QAM	1	5	20.73	20.95	20.88		
1.4	64QAM	3	0	21.03	20.99	20.93		
1.4	64QAM	3	1	20.87	21.01	20.90		
1.4	64QAM	3	3	20.64	20.88	20.92		
1.4	64QAM	6	0	20.86	20.86	20.86	22.5	0
1.4	256QAM	1	0	19.01	19.14	19.06	20.5	2
1.4	256QAM	1	3	19.08	19.09	18.93		
1.4	256QAM	1	5	18.81	19.02	19.03		
1.4	256QAM	3	0	18.94	19.06	18.97		
1.4	256QAM	3	1	18.93	18.95	18.95		
1.4	256QAM	3	3	18.77	19.01	18.88		
1.4	256QAM	6	0	18.86	19.10	19.01	20.5	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.52	19.66	19.62	21	0
20	QPSK	1	49	19.33	19.61	19.59		
20	QPSK	1	99	19.47	19.61	19.58		
20	QPSK	50	0	19.48	19.63	19.59	21	0
20	QPSK	50	24	19.19	19.54	19.51		
20	QPSK	50	50	19.42	19.51	19.49		
20	QPSK	100	0	19.49	19.62	19.57		
20	16QAM	1	0	19.39	19.61	19.51	21	0
20	16QAM	1	49	19.23	19.49	19.53		
20	16QAM	1	99	19.40	19.57	19.46		
20	16QAM	50	0	19.37	19.51	19.55	21	0
20	16QAM	50	24	19.14	19.50	19.49		
20	16QAM	50	50	19.29	19.40	19.37		
20	16QAM	100	0	19.45	19.54	19.49		
20	64QAM	1	0	19.47	19.58	19.53	21	0
20	64QAM	1	49	19.24	19.48	19.56		
20	64QAM	1	99	19.34	19.51	19.45		
20	64QAM	50	0	19.44	19.59	19.49	21	0
20	64QAM	50	24	19.08	19.46	19.44		
20	64QAM	50	50	19.37	19.39	19.44		
20	64QAM	100	0	19.41	19.53	19.46		
20	256QAM	1	0	18.98	19.21	19.08	20.5	0.5
20	256QAM	1	49	18.79	19.13	19.12		
20	256QAM	1	99	18.99	19.15	19.14		
20	256QAM	50	0	18.95	19.11	19.04	20.5	0.5
20	256QAM	50	24	18.64	19.03	19.03		
20	256QAM	50	50	18.94	18.96	19.01		
20	256QAM	100	0	19.01	19.11	19.01		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.41	19.53	19.60	21	0
15	QPSK	1	37	19.20	19.53	19.55		
15	QPSK	1	74	19.41	19.51	19.48		
15	QPSK	36	0	19.44	19.57	19.47	21	0
15	QPSK	36	20	19.06	19.46	19.49		
15	QPSK	36	39	19.32	19.45	19.42		
15	QPSK	75	0	19.37	19.53	19.51		
15	16QAM	1	0	19.28	19.53	19.47	21	0
15	16QAM	1	37	19.10	19.40	19.41		
15	16QAM	1	74	19.31	19.45	19.34		
15	16QAM	36	0	19.30	19.45	19.48	21	0
15	16QAM	36	20	19.10	19.42	19.41		
15	16QAM	36	39	19.24	19.36	19.28		
15	16QAM	75	0	19.32	19.50	19.44		
15	64QAM	1	0	19.33	19.53	19.43	21	0
15	64QAM	1	37	19.14	19.36	19.50		
15	64QAM	1	74	19.26	19.37	19.36		
15	64QAM	36	0	19.40	19.48	19.43	21	0
15	64QAM	36	20	19.04	19.41	19.37		
15	64QAM	36	39	19.34	19.32	19.37		
15	64QAM	75	0	19.30	19.44	19.34		
15	256QAM	1	0	18.95	19.09	19.01	20.5	0.5
15	256QAM	1	37	18.69	19.11	19.03		
15	256QAM	1	74	18.91	19.02	19.06		
15	256QAM	36	0	18.89	19.05	18.90	20.5	0.5
15	256QAM	36	20	18.52	18.97	18.98		
15	256QAM	36	39	18.81	18.98	18.90		
15	256QAM	75	0	18.88	18.97	18.89		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.48	19.60	19.56	21	0
10	QPSK	1	25	19.24	19.53	19.46		
10	QPSK	1	49	19.35	19.54	19.46		
10	QPSK	25	0	19.43	19.52	19.52	21	0
10	QPSK	25	12	19.07	19.44	19.38		
10	QPSK	25	25	19.36	19.44	19.43		
10	QPSK	50	0	19.38	19.51	19.47		
10	16QAM	1	0	19.31	19.50	19.46	21	0
10	16QAM	1	25	19.14	19.43	19.44		
10	16QAM	1	49	19.31	19.48	19.40		
10	16QAM	25	0	19.25	19.40	19.45	21	0
10	16QAM	25	12	19.11	19.42	19.39		
10	16QAM	25	25	19.21	19.29	19.30		
10	16QAM	50	0	19.34	19.41	19.39		
10	64QAM	1	0	19.34	19.53	19.40	21	0
10	64QAM	1	25	19.15	19.41	19.45		
10	64QAM	1	49	19.30	19.38	19.38		
10	64QAM	25	0	19.41	19.53	19.45	21	0
10	64QAM	25	12	19.05	19.41	19.40		
10	64QAM	25	25	19.24	19.34	19.35		
10	64QAM	50	0	19.34	19.50	19.36		
10	256QAM	1	0	18.96	19.18	19.05	20.5	0.5
10	256QAM	1	25	18.74	19.00	19.08		
10	256QAM	1	49	18.91	19.06	19.11		
10	256QAM	25	0	18.93	18.99	18.94	20.5	0.5
10	256QAM	25	12	19.08	18.98	18.94		
10	256QAM	25	25	18.84	18.89	18.94		
10	256QAM	50	0	18.97	19.05	18.97		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.44	19.64	19.49	21	0
5	QPSK	1	12	19.21	19.52	19.57		
5	QPSK	1	24	19.42	19.57	19.51		
5	QPSK	12	0	19.35	19.59	19.50	21	0
5	QPSK	12	7	19.05	19.41	19.38		
5	QPSK	12	13	19.34	19.48	19.46		
5	QPSK	25	0	19.39	19.49	19.44		
5	16QAM	1	0	19.27	19.57	19.44	21	0
5	16QAM	1	12	19.16	19.39	19.45		
5	16QAM	1	24	19.35	19.54	19.35		
5	16QAM	12	0	19.24	19.38	19.44	21	0
5	16QAM	12	7	19.08	19.48	19.41		
5	16QAM	12	13	19.20	19.33	19.23		
5	16QAM	25	0	19.31	19.41	19.45		
5	64QAM	1	0	19.42	19.43	19.41	21	0
5	64QAM	1	12	19.15	19.45	19.53		
5	64QAM	1	24	19.24	19.43	19.33		
5	64QAM	12	0	19.40	19.54	19.45	21	0
5	64QAM	12	7	19.05	19.38	19.36		
5	64QAM	12	13	19.29	19.29	19.32		
5	64QAM	25	0	19.38	19.47	19.34		
5	256QAM	1	0	18.93	19.12	19.05	20.5	0.5
5	256QAM	1	12	18.71	19.08	19.06		
5	256QAM	1	24	18.88	19.02	19.03		
5	256QAM	12	0	18.81	18.98	18.97	20.5	0.5
5	256QAM	12	7	18.54	18.99	18.91		
5	256QAM	12	13	18.82	18.90	18.98		
5	256QAM	25	0	18.88	18.98	18.88		

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BW [MHz]	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	19.15	19.19	19.15	20.5	0
20	QPSK	1	49	19.07	19.09	18.98		
20	QPSK	1	99	19.04	19.08	19.02		
20	QPSK	50	0	19.10	19.15	18.97	20.5	0
20	QPSK	50	24	18.92	18.98	18.94		
20	QPSK	50	50	19.02	19.06	18.97		
20	QPSK	100	0	19.10	19.10	19.06		
20	16QAM	1	0	19.01	19.12	19.12	20.5	0
20	16QAM	1	49	19.00	18.99	18.88		
20	16QAM	1	99	19.01	18.95	18.93		
20	16QAM	50	0	19.00	19.02	18.87	20.5	0
20	16QAM	50	24	18.87	18.92	18.89		
20	16QAM	50	50	18.92	18.93	18.90		
20	16QAM	100	0	19.00	18.99	19.01		
20	64QAM	1	0	19.02	19.12	19.07	20.5	0
20	64QAM	1	49	18.95	18.97	18.93		
20	64QAM	1	99	18.96	18.96	19.00		
20	64QAM	50	0	19.03	19.02	18.90	20.5	0
20	64QAM	50	24	18.88	18.88	18.90		
20	64QAM	50	50	18.92	19.03	18.86		
20	64QAM	100	0	18.96	19.05	18.97		
20	256QAM	1	0	19.02	19.07	19.09	20.5	0
20	256QAM	1	49	18.94	18.95	18.88		
20	256QAM	1	99	18.96	19.02	18.94		
20	256QAM	50	0	19.06	19.10	18.90	20.5	0
20	256QAM	50	24	18.80	18.86	18.83		
20	256QAM	50	50	18.89	18.92	18.88		
20	256QAM	100	0	19.07	19.07	18.95		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.05	19.15	19.05	20.5	0
15	QPSK	1	37	19.01	19.00	18.87		
15	QPSK	1	74	18.95	19.04	18.97		
15	QPSK	36	0	19.05	19.03	18.87	20.5	0
15	QPSK	36	20	18.89	18.87	18.83		
15	QPSK	36	39	18.90	18.93	18.88		
15	QPSK	75	0	19.01	19.01	18.95		
15	16QAM	1	0	18.95	19.07	19.00	20.5	0
15	16QAM	1	37	18.86	18.91	18.80		
15	16QAM	1	74	18.93	18.84	18.88		
15	16QAM	36	0	18.93	18.90	18.76	20.5	0
15	16QAM	36	20	18.79	18.89	18.82		
15	16QAM	36	39	18.87	18.82	18.81		
15	16QAM	75	0	18.89	18.89	18.99		
15	64QAM	1	0	18.91	19.03	19.00	20.5	0
15	64QAM	1	37	18.90	18.86	18.81		
15	64QAM	1	74	18.82	18.85	18.96		
15	64QAM	36	0	19.01	18.94	18.81	20.5	0
15	64QAM	36	20	18.78	18.81	18.80		
15	64QAM	36	39	18.83	18.93	18.75		
15	64QAM	75	0	18.89	19.02	18.89		
15	256QAM	1	0	18.94	19.00	19.05	20.5	0
15	256QAM	1	37	18.83	18.90	18.76		
15	256QAM	1	74	18.85	18.98	18.85		
15	256QAM	36	0	19.02	19.01	18.76	20.5	0
15	256QAM	36	20	18.73	18.80	18.72		
15	256QAM	36	39	18.86	18.81	18.81		
15	256QAM	75	0	19.01	19.04	18.83		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.08	19.16	19.08	20.5	0
10	QPSK	1	25	19.00	19.07	18.88		
10	QPSK	1	49	18.94	18.95	18.94		
10	QPSK	25	0	19.00	19.02	18.94	20.5	0
10	QPSK	25	12	18.83	18.95	18.81		
10	QPSK	25	25	18.99	19.00	18.91		
10	QPSK	50	0	19.07	19.01	18.95		
10	16QAM	1	0	18.87	19.07	19.04	20.5	0
10	16QAM	1	25	18.94	18.85	18.77		
10	16QAM	1	49	18.95	18.88	18.84		
10	16QAM	25	0	18.93	18.92	18.85	20.5	0
10	16QAM	25	12	18.83	18.85	18.80		
10	16QAM	25	25	18.85	18.88	18.82		
10	16QAM	50	0	18.96	18.97	18.87		
10	64QAM	1	0	18.99	19.03	18.95	20.5	0
10	64QAM	1	25	18.83	18.83	18.80		
10	64QAM	1	49	18.93	18.92	18.90		
10	64QAM	25	0	18.98	18.91	18.81	20.5	0
10	64QAM	25	12	18.82	18.79	18.80		
10	64QAM	25	25	18.79	18.97	18.81		
10	64QAM	50	0	18.90	18.92	18.90		
10	256QAM	1	0	18.99	18.97	19.04	20.5	0
10	256QAM	1	25	18.84	18.93	18.79		
10	256QAM	1	49	18.90	18.91	18.83		
10	256QAM	25	0	18.93	19.00	18.87	20.5	0
10	256QAM	25	12	18.67	18.78	18.76		
10	256QAM	25	25	18.83	18.88	18.85		
10	256QAM	50	0	18.94	19.05	18.89		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.12	19.09	19.11	20.5	0
5	QPSK	1	12	18.94	18.98	18.93		
5	QPSK	1	24	18.98	18.98	18.94		
5	QPSK	12	0	19.04	19.10	18.87	20.5	0
5	QPSK	12	7	18.87	18.89	18.87		
5	QPSK	12	13	18.91	19.01	18.90		
5	QPSK	25	0	18.98	19.06	19.03		
5	16QAM	1	0	18.92	19.03	18.98	20.5	0
5	16QAM	1	12	18.87	18.93	18.76		
5	16QAM	1	24	18.88	18.88	18.81		
5	16QAM	12	0	18.92	18.98	18.85	20.5	0
5	16QAM	12	7	18.80	18.81	18.83		
5	16QAM	12	13	18.90	18.86	18.79		
5	16QAM	25	0	18.95	18.87	18.90		
5	64QAM	1	0	18.88	19.06	19.01	20.5	0
5	64QAM	1	12	18.91	18.91	18.82		
5	64QAM	1	24	18.88	18.86	18.87		
5	64QAM	12	0	18.97	18.88	18.85	20.5	0
5	64QAM	12	7	18.85	18.85	18.83		
5	64QAM	12	13	18.87	18.99	18.74		
5	64QAM	25	0	18.86	18.92	18.85		
5	256QAM	1	0	18.93	18.98	19.00	20.5	0
5	256QAM	1	12	18.81	18.86	18.77		
5	256QAM	1	24	18.92	18.95	18.87		
5	256QAM	12	0	18.98	18.98	18.85	20.5	0
5	256QAM	12	7	18.70	18.72	18.76		
5	256QAM	12	13	18.82	18.84	18.83		
5	256QAM	25	0	18.98	18.95	18.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.53	20.58	20.65	20.50	20.56	22	0
20	QPSK	1	49	20.43	20.47	20.60	20.41	20.45		
20	QPSK	1	99	20.47	20.46	20.63	20.45	20.46		
20	QPSK	50	0	20.43	20.52	20.62	20.39	20.42	22	0
20	QPSK	50	24	20.43	20.49	20.58	20.46	20.48		
20	QPSK	50	50	20.46	20.50	20.52	20.42	20.53		
20	QPSK	100	0	20.46	20.53	20.61	20.38	20.44		
20	16QAM	1	0	20.44	20.52	20.57	20.42	20.44	22	0
20	16QAM	1	49	20.30	20.39	20.55	20.28	20.37		
20	16QAM	1	99	20.44	20.44	20.57	20.41	20.41		
20	16QAM	50	0	20.39	20.44	20.56	20.33	20.33	22	0
20	16QAM	50	24	20.38	20.45	20.53	20.37	20.36		
20	16QAM	50	50	20.35	20.38	20.49	20.38	20.39		
20	16QAM	100	0	20.41	20.41	20.54	20.26	20.31		
20	64QAM	1	0	20.48	20.50	20.58	20.41	20.54	22	0
20	64QAM	1	49	20.36	20.40	20.48	20.34	20.38		
20	64QAM	1	99	20.33	20.42	20.54	20.31	20.35		
20	64QAM	50	0	20.39	20.47	20.58	20.30	20.34	22	0
20	64QAM	50	24	20.41	20.38	20.53	20.40	20.46		
20	64QAM	50	50	20.33	20.44	20.39	20.36	20.49		
20	64QAM	100	0	20.42	20.47	20.49	20.30	20.35		
20	256QAM	1	0	19.01	19.05	19.20	19.00	19.04	20.5	1.5
20	256QAM	1	49	18.89	18.94	19.10	18.87	18.91		
20	256QAM	1	99	18.98	19.02	19.18	18.99	18.92		
20	256QAM	50	0	18.93	19.06	19.13	18.93	18.87	20.5	1.5
20	256QAM	50	24	18.88	18.95	19.09	19.00	18.94		
20	256QAM	50	50	18.97	19.04	19.04	18.95	18.99		
20	256QAM	100	0	18.98	19.00	19.15	18.94	18.90		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.45	20.45	20.56	20.41	20.54	22.00	0
15	QPSK	1	37	20.34	20.39	20.52	20.36	20.32		
15	QPSK	1	74	20.39	20.42	20.53	20.33	20.43		
15	QPSK	36	0	20.32	20.46	20.51	20.27	20.35	22	0
15	QPSK	36	20	20.39	20.39	20.52	20.39	20.38		
15	QPSK	36	39	20.41	20.44	20.48	20.40	20.40		
15	QPSK	75	0	20.35	20.48	20.49	20.25	20.35		
15	16QAM	1	0	20.36	20.45	20.47	20.38	20.33	22	0
15	16QAM	1	37	20.16	20.25	20.49	20.22	20.26		
15	16QAM	1	74	20.40	20.41	20.44	20.33	20.31		
15	16QAM	36	0	20.26	20.33	20.43	20.28	20.21	22	0
15	16QAM	36	20	20.34	20.42	20.46	20.29	20.23		
15	16QAM	36	39	20.22	20.29	20.42	20.24	20.36		
15	16QAM	75	0	20.28	20.34	20.46	20.23	20.17		
15	64QAM	1	0	20.41	20.43	20.48	20.30	20.50	22	0
15	64QAM	1	37	20.23	20.29	20.36	20.31	20.36		
15	64QAM	1	74	20.29	20.37	20.49	20.20	20.26		
15	64QAM	36	0	20.32	20.35	20.50	20.22	20.25	22	0
15	64QAM	36	20	20.38	20.27	20.42	20.34	20.41		
15	64QAM	36	39	20.28	20.34	20.34	20.22	20.39		
15	64QAM	75	0	20.28	20.44	20.42	20.18	20.22		
15	256QAM	1	0	18.92	18.96	19.16	18.88	18.92	20.5	1.5
15	256QAM	1	37	18.80	18.89	18.99	18.77	18.85		
15	256QAM	1	74	18.87	18.97	19.12	18.92	18.83		
15	256QAM	36	0	18.79	18.93	19.05	18.90	18.76	20.5	1.5
15	256QAM	36	20	18.77	18.89	19.01	18.86	18.87		
15	256QAM	36	39	18.92	18.91	18.98	18.83	18.91		
15	256QAM	75	0	18.89	18.94	19.10	18.82	18.86		
Channel				39700	40150	40600	41050	41500	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.51	20.49	20.60	20.42	20.53	22.00	0
10	QPSK	1	25	20.29	20.39	20.50	20.27	20.32		
10	QPSK	1	49	20.42	20.41	20.54	20.42	20.41		
10	QPSK	25	0	20.41	20.41	20.50	20.25	20.31	22	0
10	QPSK	25	12	20.36	20.41	20.48	20.42	20.35		
10	QPSK	25	25	20.43	20.45	20.40	20.40	20.44		
10	QPSK	50	0	20.42	20.50	20.51	20.31	20.38		
10	16QAM	1	0	20.41	20.48	20.52	20.32	20.40	22	0
10	16QAM	1	25	20.20	20.29	20.44	20.21	20.25		
10	16QAM	1	49	20.36	20.40	20.47	20.31	20.31		
10	16QAM	25	0	20.34	20.40	20.53	20.25	20.21	22	0
10	16QAM	25	12	20.26	20.42	20.47	20.31	20.28		
10	16QAM	25	25	20.26	20.28	20.41	20.30	20.34		
10	16QAM	50	0	20.37	20.37	20.49	20.22	20.28		
10	64QAM	1	0	20.41	20.44	20.48	20.35	20.40	22	0
10	64QAM	1	25	20.33	20.37	20.35	20.27	20.32		
10	64QAM	1	49	20.30	20.30	20.49	20.24	20.29		
10	64QAM	25	0	20.27	20.42	20.53	20.21	20.26	22	0
10	64QAM	25	12	20.34	20.31	20.41	20.36	20.36		
10	64QAM	25	25	20.25	20.33	20.32	20.24	20.36		
10	64QAM	50	0	20.40	20.35	20.39	20.16	20.29		
10	256QAM	1	0	18.95	18.93	19.17	18.87	18.94	20.5	1.5
10	256QAM	1	25	18.80	18.82	19.03	18.78	18.81		
10	256QAM	1	49	18.90	18.92	19.09	18.88	18.80		
10	256QAM	25	0	18.83	18.99	19.04	18.88	18.76	20.5	1.5
10	256QAM	25	12	18.82	18.82	19.06	18.90	18.81		
10	256QAM	25	25	18.86	18.93	18.94	18.93	18.97		
10	256QAM	50	0	18.92	18.93	19.09	18.83	18.83		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.42	20.45	20.62	20.37	20.53	22.00	0
5	QPSK	1	12	20.41	20.43	20.50	20.36	20.35		
5	QPSK	1	24	20.37	20.34	20.57	20.36	20.32		
5	QPSK	12	0	20.31	20.39	20.48	20.32	20.35	22	0
5	QPSK	12	7	20.40	20.36	20.44	20.42	20.37		
5	QPSK	12	13	20.43	20.43	20.38	20.28	20.46		
5	QPSK	25	0	20.42	20.49	20.50	20.31	20.40		
5	16QAM	1	0	20.40	20.39	20.49	20.32	20.40	22	0
5	16QAM	1	12	20.22	20.35	20.50	20.16	20.33		
5	16QAM	1	24	20.33	20.38	20.54	20.36	20.29		
5	16QAM	12	0	20.30	20.36	20.46	20.27	20.28	22	0
5	16QAM	12	7	20.28	20.37	20.47	20.28	20.32		
5	16QAM	12	13	20.25	20.32	20.45	20.35	20.28		
5	16QAM	25	0	20.37	20.38	20.49	20.21	20.22		
5	64QAM	1	0	20.38	20.45	20.55	20.35	20.44	22	0
5	64QAM	1	12	20.23	20.29	20.35	20.24	20.34		
5	64QAM	1	24	20.22	20.35	20.47	20.18	20.25		
5	64QAM	12	0	20.33	20.39	20.46	20.20	20.26	22	0
5	64QAM	12	7	20.37	20.25	20.43	20.36	20.32		
5	64QAM	12	13	20.21	20.34	20.28	20.27	20.45		
5	64QAM	25	0	20.37	20.33	20.39	20.25	20.29		
5	256QAM	1	0	18.97	18.93	19.09	18.96	18.92	20.5	1.5
5	256QAM	1	12	18.76	18.83	18.96	18.81	18.81		
5	256QAM	1	24	18.87	18.93	19.16	18.95	18.84		
5	256QAM	12	0	18.85	18.97	19.06	18.79	18.80	20.5	1.5
5	256QAM	12	7	18.79	18.82	18.99	18.93	18.91		
5	256QAM	12	13	18.92	18.91	18.93	18.90	18.94		
5	256QAM	25	0	18.90	18.93	19.04	18.81	18.84		

GSM1900 Ant4 ECI3

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.21	28.36	28.21	30.00	19.21	19.36	19.21	21.00
GPRS 1 Tx slot	28.22	28.35	28.09	30.00	19.22	19.35	19.09	21.00
GPRS 2 Tx slots	25.26	25.26	25.22	27.00	19.26	19.26	19.22	21.00
GPRS 3 Tx slots	23.54	23.63	23.51	25.20	19.28	19.37	19.25	20.94
GPRS 4 Tx slots	22.20	22.27	22.11	24.00	19.20	19.27	19.11	21.00
EDGE 1 Tx slot	25.79	25.91	25.78	27.50	16.79	16.91	16.78	18.50
EDGE 2 Tx slots	22.84	22.96	22.82	24.50	16.84	16.96	16.82	18.50
EDGE 3 Tx slots	21.04	21.08	20.97	22.70	16.78	16.82	16.71	18.44
EDGE 4 Tx slots	19.74	19.85	19.75	21.50	16.74	16.85	16.75	18.50

WCDMA II Ant4 ECI3

WCDMA IV Ant4 ECI3

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	22.23	22.21	22.24	23.70	22.29	22.37	22.25	23.70
3GPP Rel 99	RMC 12.2Kbps	22.27	22.32	22.29	23.70	22.33	22.40	22.32	23.70
3GPP Rel 6	HSDPA Subtest-1	21.17	21.28	21.20	22.70	21.19	21.36	21.29	22.70
3GPP Rel 6	HSDPA Subtest-2	21.29	21.29	21.30	22.70	21.27	21.36	21.23	22.70
3GPP Rel 6	HSDPA Subtest-3	20.74	20.83	20.76	22.20	20.84	20.90	20.78	22.20
3GPP Rel 6	HSDPA Subtest-4	20.74	20.77	20.72	22.20	20.83	20.87	20.86	22.20
3GPP Rel 8	DC-HSDPA Subtest-1	21.23	21.28	21.32	22.70	21.23	21.28	21.31	22.70
3GPP Rel 8	DC-HSDPA Subtest-2	21.14	21.35	21.27	22.70	21.25	21.46	21.24	22.70
3GPP Rel 8	DC-HSDPA Subtest-3	20.80	20.80	20.79	22.20	20.79	20.93	20.80	22.20
3GPP Rel 8	DC-HSDPA Subtest-4	20.66	20.92	20.70	22.20	20.77	20.90	20.75	22.20
3GPP Rel 6	HSUPA Subtest-1	21.25	21.38	21.33	22.70	21.16	21.44	21.34	22.70
3GPP Rel 6	HSUPA Subtest-2	19.28	19.37	19.26	20.70	19.33	19.44	19.37	20.70
3GPP Rel 6	HSUPA Subtest-3	20.24	20.32	20.23	21.70	20.36	20.37	20.23	21.70
3GPP Rel 6	HSUPA Subtest-4	19.26	19.24	19.17	20.70	19.20	19.31	19.27	20.70
3GPP Rel 6	HSUPA Subtest-5	21.19	21.19	21.31	22.70	21.28	21.30	21.29	22.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.73	18.74	18.76	20.20	18.76	18.89	18.85	20.20

Band 2 Ant4 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.91	22.97	22.89		
20	QPSK	1	49	22.79	22.86	22.81	24	0
20	QPSK	1	99	22.91	22.91	22.86		
20	QPSK	50	0	22.87	22.94	22.84		
20	QPSK	50	24	22.66	22.77	22.70	24	0
20	QPSK	50	50	22.86	22.85	22.75		
20	QPSK	100	0	22.85	22.91	22.80		
20	16QAM	1	0	22.79	22.87	22.85		
20	16QAM	1	49	22.67	22.80	22.77	24	0
20	16QAM	1	99	22.83	22.84	22.81		
20	16QAM	50	0	22.47	22.44	22.37		
20	16QAM	50	24	22.25	22.37	22.25	23.5	0.5
20	16QAM	50	50	22.41	22.40	22.33		
20	16QAM	100	0	22.43	22.45	22.36		
20	64QAM	1	0	22.19	22.22	22.25		
20	64QAM	1	49	22.31	22.39	22.20	23.5	0.5
20	64QAM	1	99	22.38	22.36	22.33		
20	64QAM	50	0	21.36	21.49	21.37		
20	64QAM	50	24	21.27	21.37	21.26	22.5	1.5
20	64QAM	50	50	21.37	21.46	21.35		
20	64QAM	100	0	21.33	21.40	21.31		
20	256QAM	1	0	19.35	19.42	19.39		
20	256QAM	1	49	19.30	19.30	19.35	20.5	3.5
20	256QAM	1	99	19.36	19.37	19.39		
20	256QAM	50	0	19.41	19.45	19.32		
20	256QAM	50	24	19.14	19.29	19.17	20.5	3.5
20	256QAM	50	50	19.36	19.32	19.30		
20	256QAM	100	0	19.33	19.43	19.32		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.86	22.93	22.76		
15	QPSK	1	37	22.76	22.74	22.74	24	0
15	QPSK	1	74	22.82	22.88	22.82		
15	QPSK	36	0	22.79	22.90	22.79		
15	QPSK	36	20	22.60	22.69	22.63	24	0
15	QPSK	36	39	22.75	22.75	22.66		
15	QPSK	75	0	22.75	22.88	22.74		
15	16QAM	1	0	22.67	22.82	22.71		
15	16QAM	1	37	22.64	22.75	22.69	24	0
15	16QAM	1	74	22.78	22.77	22.74		
15	16QAM	36	0	22.44	22.38	22.31		
15	16QAM	36	20	22.15	22.23	22.22	23.5	0.5
15	16QAM	36	39	22.32	22.33	22.20		
15	16QAM	75	0	22.36	22.43	22.33		
15	64QAM	1	0	22.07	22.08	22.12		
15	64QAM	1	37	22.24	22.36	22.17	23.5	0.5
15	64QAM	1	74	22.29	22.33	22.30		
15	64QAM	36	0	21.30	21.37	21.30		
15	64QAM	36	20	21.16	21.33	21.16	22.5	1.5
15	64QAM	36	39	21.29	21.37	21.30		
15	64QAM	75	0	21.28	21.32	21.29		
15	256QAM	1	0	19.22	19.37	19.33		
15	256QAM	1	37	19.22	19.24	19.27	20.5	3.5
15	256QAM	1	74	19.30	19.34	19.35		
15	256QAM	36	0	19.35	19.33	19.19		
15	256QAM	36	20	19.10	19.19	19.05	20.5	3.5
15	256QAM	36	39	19.33	19.19	19.19		
15	256QAM	75	0	19.25	19.32	19.20		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.80	22.89	22.79		
10	QPSK	1	25	22.75	22.79	22.69	24	0
10	QPSK	1	49	22.78	22.81	22.83		
10	QPSK	25	0	22.81	22.91	22.81		
10	QPSK	25	12	22.59	22.70	22.57	24	0
10	QPSK	25	25	22.73	22.78	22.64		
10	QPSK	50	0	22.73	22.87	22.69		
10	16QAM	1	0	22.76	22.74	22.79		
10	16QAM	1	25	22.59	22.67	22.67	24	0
10	16QAM	1	49	22.71	22.73	22.68		
10	16QAM	25	0	22.36	22.35	22.34		
10	16QAM	25	12	22.22	22.31	22.19	23.5	0.5
10	16QAM	25	25	22.30	22.29	22.22		
10	16QAM	50	0	22.32	22.39	22.27		
10	64QAM	1	0	22.09	22.15	22.23		
10	64QAM	1	25	22.19	22.25	22.14	23.5	0.5
10	64QAM	1	49	22.33	22.25	22.28		
10	64QAM	25	0	21.31	21.43	21.29		
10	64QAM	25	12	21.18	21.24	21.23	22.5	1.5
10	64QAM	25	25	21.24	21.42	21.26		
10	64QAM	50	0	21.26	21.30	21.19		
10	256QAM	1	0	19.22	19.38	19.31		
10	256QAM	1	25	19.18	19.23	19.28	20.5	3.5
10	256QAM	1	49	19.27	19.35	19.36		
10	256QAM	25	0	19.36	19.39	19.23		
10	256QAM	25	12	19.06	19.27	19.10	20.5	3.5
10	256QAM	25	25	19.27	19.23	19.17		
10	256QAM	50	0	19.27	19.31	19.26		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.82	22.89	22.81		
5	QPSK	1	12	22.71	22.75	22.74	24	0
5	QPSK	1	24	22.87	22.82	22.82		
5	QPSK	12	0	22.83	22.81	22.77		
5	QPSK	12	7	22.59	22.72	22.62	24	0
5	QPSK	12	13	22.78	22.81	22.66		
5	QPSK	25	0	22.77	22.79	22.75		
5	16QAM	1	0	22.66	22.77	22.78		
5	16QAM	1	12	22.58	22.68	22.66	24	0
5	16QAM	1	24	22.74	22.76	22.77		
5	16QAM	12	0	22.45	22.32	22.34		
5	16QAM	12	7	22.22	22.32	22.21	23.5	0.5
5	16QAM	12	13	22.36	22.27	22.23		
5	16QAM	25	0	22.30	22.32	22.23		
5	64QAM	1	0	22.08	22.17	22.13		
5	64QAM	1	12	22.26	22.30	22.13	23.5	0.5
5	64QAM	1	24	22.27	22.26	22.23		
5	64QAM	12	0	21.30	21.46	21.25		
5	64QAM	12	7	21.24	21.31	21.16	22.5	1.5
5	64QAM	12	13	21.32	21.34	21.31		
5	64QAM	25	0	21.24	21.35	21.19		
5	256QAM	1	0	19.28	19.29	19.33		
5	256QAM	1	12	19.27	19.20	19.24	20.5	3.5
5	256QAM	1	24	19.29	19.32	19.34		
5	256QAM	12	0	19.33	19.37	19.23		
5	256QAM	12	7	19.01	19.26	19.08	20.5	3.5
5	256QAM	12	13	19.25	19.19	19.18		
5	256QAM	25	0	19.21	19.33	19.27		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.89	22.94	22.80		
3	QPSK	1	8	22.74	22.77	22.73	24	0
3	QPSK	1	14	22.81	22.81	22.78		
3	QPSK	8	0	22.76	22.88	22.78		
3	QPSK	8	4	22.53	22.71	22.57	24	0
3	QPSK	8	7	22.80	22.79	22.72		
3	QPSK	15	0	22.79	22.82	22.73		
3	16QAM	1	0	22.71	22.75	22.73		
3	16QAM	1	8	22.57	22.69	22.68	24	0
3	16QAM	1	14	22.80	22.75	22.72		
3	16QAM	8	0	22.43	22.33	22.25		
3	16QAM	8	4	22.15	22.29	22.17	23.5	0.5
3	16QAM	8	7	22.30	22.26	22.23		
3	16QAM	15	0	22.32	22.32	22.27		
3	64QAM	1	0	22.07	22.14	22.14		
3	64QAM	1	8	22.27	22.30	22.18	23.5	0.5
3	64QAM	1	14	22.32	22.27	22.26		
3	64QAM	8	0	21.34	21.40	21.33		
3	64QAM	8	4	21.16	21.24	21.14	22.5	1.5
3	64QAM	8	7	21.29	21.41	21.30		
3	64QAM	15	0	21.24	21.35	21.24		
3	256QAM	1	0	19.31	19.38	19.33		
3	256QAM	1	8	19.19	19.23	19.31	20.5	3.5
3	256QAM	1	14	19.33	19.28	19.35		
3	256QAM	8	0	19.28	19.32	19.25		
3	256QAM	8	4	19.00	19.19	19.14	20.5	3.5
3	256QAM	8	7	19.33	19.22	19.22		
3	256QAM	15	0	19.24	19.38	19.23		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.81	22.92	22.83		
1.4	QPSK	1	3	22.72	22.74	22.71		
1.4	QPSK	1	5	22.78	22.81	22.84	24	0
1.4	QPSK	3	0	22.80	22.88	22.76		
1.4	QPSK	3	1	22.60	22.74	22.67		
1.4	QPSK	3	3	22.79	22.80	22.64		
1.4	QPSK	6	0	22.82	22.79	22.75	24	0
1.4	16QAM	1	0	22.67	22.78	22.72		
1.4	16QAM	1	3	22.64	22.70	22.72		
1.4	16QAM	1	5	22.71	22.81	22.74	24	0
1.4	16QAM	3	0	22.35	22.37	22.30		
1.4	16QAM	3	1	22.20	22.28	22.21		
1.4	16QAM	3	3	22.36	22.27	22.21		
1.4	16QAM	6	0	22.39	22.31	22.32	23.5	0.5
1.4	64QAM	1	0	22.13	22.19	22.15		
1.4	64QAM	1	3	22.20	22.36	22.12		
1.4	64QAM	1	5	22.30	22.30	22.29	23.5	0.5
1.4	64QAM	3	0	21.32	21.39	21.30		
1.4	64QAM	3	1	21.20	21.28	21.18		
1.4	64QAM	3	3	21.27	21.33	21.26		
1.4	64QAM	6	0	21.28	21.28	21.25	22.5	1.5
1.4	256QAM	1	0	19.28	19.35	19.28		
1.4	256QAM	1	3	19.22	19.21	19.25		
1.4	256QAM	1	5	19.22	19.26	19.31	20.5	3.5
1.4	256QAM	3	0	19.27	19.32	19.26		
1.4	256QAM	3	1	19.09	19.22	19.10		
1.4	256QAM	3	3	19.29	19.27	19.21		
1.4	256QAM	6	0	19.22	19.38	19.23	20.5	3.5

Band 3 Ant4 ECI3

BW [MHz]	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	22.53	22.61	22.58		
20	QPSK	1	49	22.51	22.60	22.52	23.2	0
20	QPSK	1	99	22.50	22.49	22.49		
20	QPSK	50	0	22.43	22.58	22.49		
20	QPSK	50	24	22.44	22.49	22.46	23.2	0
20	QPSK	50	50	22.42	22.47	22.38		
20	QPSK	100	0	22.47	22.57	22.47		
20	16QAM	1	0	22.41	22.56	22.47		
20	16QAM	1	49	22.39	22.51	22.45	23.2	0
20	16QAM	1	99	22.38	22.45	22.42		
20	16QAM	50	0	22.30	22.47	22.36		
20	16QAM	50	24	22.34	22.40	22.36	23.2	0
20	16QAM	50	50	22.33	22.38	22.28		
20	16QAM	100	0	22.42	22.45	22.37		
20	64QAM	1	0	22.43	22.55	22.50		
20	64QAM	1	49	22.45	22.49	22.45	23.2	0
20	64QAM	1	99	22.45	22.37	22.40		
20	64QAM	50	0	21.97	22.15	22.06		
20	64QAM	50	24	22.04	22.15	22.03	22.7	0.5
20	64QAM	50	50	21.98	22.03	22.04		
20	64QAM	100	0	21.91	22.05	21.93		
20	256QAM	1	0	20.04	20.15	20.08		
20	256QAM	1	49	19.98	20.04	20.02	20.7	2.5
20	256QAM	1	99	19.97	20.03	19.97		
20	256QAM	50	0	19.89	20.10	19.99		
20	256QAM	50	24	19.96	19.94	19.97	20.7	2.5
20	256QAM	50	50	19.90	20.00	19.94		
20	256QAM	100	0	19.95	20.10	19.95		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.45	22.50	22.51		
15	QPSK	1	37	22.39	22.46	22.47	23.2	0
15	QPSK	1	74	22.46	22.41	22.38		
15	QPSK	36	0	22.30	22.49	22.47		
15	QPSK	36	20	22.40	22.38	22.41	23.2	0
15	QPSK	36	39	22.35	22.41	22.32		
15	QPSK	75	0	22.39	22.44	22.44		
15	16QAM	1	0	22.34	22.46	22.39		
15	16QAM	1	37	22.28	22.40	22.35	23.2	0
15	16QAM	1	74	22.31	22.37	22.29		
15	16QAM	36	0	22.24	22.42	22.30		
15	16QAM	36	20	22.21	22.33	22.30	23.2	0
15	16QAM	36	39	22.26	22.29	22.16		
15	16QAM	75	0	22.33	22.33	22.34		
15	64QAM	1	0	22.31	22.44	22.45		
15	64QAM	1	37	22.43	22.45	22.39	23.2	0
15	64QAM	1	74	22.40	22.24	22.38		
15	64QAM	36	0	21.89	22.04	21.95		
15	64QAM	36	20	21.93	22.04	21.96	22.7	0.5
15	64QAM	36	39	21.94	21.98	21.98		
15	64QAM	75	0	21.89	21.98	21.80		
15	256QAM	1	0	19.97	20.08	20.05		
15	256QAM	1	37	19.92	19.94	19.97	20.7	2.5
15	256QAM	1	74	19.94	19.90	19.90		
15	256QAM	36	0	19.87	19.97	19.89		
15	256QAM	36	20	19.94	19.92	19.92	20.7	2.5
15	256QAM	36	39	19.85	19.95	19.80		
15	256QAM	75	0	19.90	20.08	19.83		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.47	22.53	22.54		
10	QPSK	1	25	22.43	22.54	22.39	23.2	0
10	QPSK	1	49	22.48	22.43	22.38		
10	QPSK	25	0	22.36	22.52	22.38		
10	QPSK	25	12	22.35	22.40	22.36	23.2	0
10	QPSK	25	25	22.34	22.43	22.31		
10	QPSK	50	0	22.40	22.49	22.45		
10	16QAM	1	0	22.32	22.53	22.35		
10	16QAM	1	25	22.32	22.46	22.42	23.2	0
10	16QAM	1	49	22.32	22.32	22.32		
10	16QAM	25	0	22.17	22.34	22.30		
10	16QAM	25	12	22.28	22.27	22.23	23.2	0
10	16QAM	25	25	22.24	22.27	22.26		
10	16QAM	50	0	22.32	22.39	22.23		
10	64QAM	1	0	22.32	22.51	22.47		
10	64QAM	1	25	22.35	22.38	22.37	23.2	0
10	64QAM	1	49	22.36	22.29	22.27		
10	64QAM	25	0	21.90	22.12	21.96		
10	64QAM	25	12	21.90	22.05	21.95	22.7	0.5
10	64QAM	25	25	21.87	21.89	21.99		
10	64QAM	50	0	21.78	21.99	21.89		
10	256QAM	1	0	19.98	20.12	20.06		
10	256QAM	1	25	19.94	19.94	19.88	20.7	2.5
10	256QAM	1	49	19.91	20.00	19.92		
10	256QAM	25	0	19.85	19.99	19.89		
10	256QAM	25	12	19.93	19.94	19.93	20.7	2.5
10	256QAM	25	25	19.79	19.88	19.80		
10	256QAM	50	0	19.84	20.01	19.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.50	22.51	22.48		
5	QPSK	1	12	22.42	22.48	22.45	23.2	0
5	QPSK	1	24	22.45	22.37	22.40		
5	QPSK	12	0	22.36	22.50	22.42		
5	QPSK	12	7	22.34	22.42	22.39	23.2	0
5	QPSK	12	13	22.37	22.34	22.31		
5	QPSK	25	0	22.42	22.51	22.41		
5	16QAM	1	0	22.32	22.45	22.37		
5	16QAM	1	12	22.29	22.44	22.35	23.2	0
5	16QAM	1	24	22.31	22.41	22.30		
5	16QAM	12	0	22.23	22.37	22.30		
5	16QAM	12	7	22.23	22.32	22.33	23.2	0
5	16QAM	12	13	22.19	22.32	22.16		
5	16QAM	25	0	22.30	22.38	22.24		
5	64QAM	1	0	22.31	22.52	22.41		
5	64QAM	1	12	22.34	22.39	22.34	23.2	0
5	64QAM	1	24	22.33	22.26	22.30		
5	64QAM	12	0	21.89	22.07	21.94		
5	64QAM	12	7	21.99	22.12	21.90	22.7	0.5
5	64QAM	12	13	21.88	21.98	22.00		
5	64QAM	25	0	21.85	21.99	21.79		
5	256QAM	1	0	20.02	20.10	19.97		
5	256QAM	1	12	19.95	19.91	19.97	20.7	2.5
5	256QAM	1	24	19.92	19.95	19.97		
5	256QAM	12	0	19.85	19.99	19.91		
5	256QAM	12	7	19.83	19.90	19.93	20.7	2.5
5	256QAM	12	13	19.80	19.94	19.86		
5	256QAM	25	0	19.85	19.97	19.92		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.41	22.56	22.47		
3	QPSK	1	8	22.39	22.58	22.42	23.2	0
3	QPSK	1	14	22.40	22.46	22.45		
3	QPSK	8	0	22.31	22.42	22.44		
3	QPSK	8	4	22.33	22.39	22.37	23.2	0
3	QPSK	8	7	22.29	22.41	22.29		
3	QPSK	15	0	22.45	22.55	22.38		
3	16QAM	1	0	22.31	22.43	22.36		
3	16QAM	1	8	22.31	22.47	22.43	23.2	0
3	16QAM	1	14	22.31	22.32	22.38		
3	16QAM	8	0	22.26	22.40	22.24		
3	16QAM	8	4	22.21	22.32	22.28	23.2	0
3	16QAM	8	7	22.21	22.31	22.25		
3	16QAM	15	0	22.37	22.42	22.29		
3	64QAM	1	0	22.37	22.47	22.39		
3	64QAM	1	8	22.32	22.39	22.34	23.2	0
3	64QAM	1	14	22.35	22.29	22.36		
3	64QAM	8	0	21.94	22.03	21.98		
3	64QAM	8	4	21.99	22.06	21.98	22.7	0.5
3	64QAM	8	7	21.86	22.00	21.98		
3	64QAM	15	0	21.79	21.97	21.86		
3	256QAM	1	0	19.96	20.03	20.01		
3	256QAM	1	8	19.92	19.94	19.96	20.7	2.5
3	256QAM	1	14	19.96	19.97	19.91		
3	256QAM	8	0	19.81	19.98	19.90		
3	256QAM	8	4	19.92	19.81	19.84	20.7	2.5
3	256QAM	8	7	19.80	19.96	19.82		
3	256QAM	15	0	19.84	20.02	19.90		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.43	22.48	22.47		
1.4	QPSK	1	3	22.43	22.47	22.49		
1.4	QPSK	1	5	22.46	22.40	22.45	23.2	0
1.4	QPSK	3	0	22.30	22.54	22.37		
1.4	QPSK	3	1	22.31	22.43	22.37		
1.4	QPSK	3	3	22.38	22.40	22.35		
1.4	QPSK	6	0	22.39	22.50	22.42	23.2	0
1.4	16QAM	1	0	22.35	22.51	22.43		
1.4	16QAM	1	3	22.26	22.38	22.35		
1.4	16QAM	1	5	22.27	22.35	22.36	23.2	0
1.4	16QAM	3	0	22.18	22.40	22.27		
1.4	16QAM	3	1	22.30	22.35	22.31		
1.4	16QAM	3	3	22.22	22.34	22.21		
1.4	16QAM	6	0	22.37	22.41	22.24	23.2	0
1.4	64QAM	1	0	22.30	22.50	22.44		
1.4	64QAM	1	3	22.35	22.38	22.37		
1.4	64QAM	1	5	22.33	22.30	22.27	23.2	0
1.4	64QAM	3	0	22.27	22.46	22.30		
1.4	64QAM	3	1	22.31	22.25	22.23		
1.4	64QAM	3	3	22.32	22.32	22.20		
1.4	64QAM	6	0	21.87	21.97	21.80	22.7	0.5
1.4	256QAM	1	0	19.90	20.01	19.96		
1.4	256QAM	1	3	19.85	19.99	19.93		
1.4	256QAM	1	5	19.84	19.90	19.94	20.7	2.5
1.4	256QAM	3	0	19.86	20.05	19.86		
1.4	256QAM	3	1	19.93	19.82	19.89		
1.4	256QAM	3	3	19.78	19.90	19.81		
1.4	256QAM	6	0	19.86	20.02	19.82	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.11	20.13	20.08		
20	QPSK	1	49	19.93	20.07	20.00	20.7	0
20	QPSK	1	99	20.04	20.05	19.99		
20	QPSK	50	0	19.98	20.09	19.99		
20	QPSK	50	24	19.82	19.95	19.88	20.7	0
20	QPSK	50	50	19.95	20.01	19.87		
20	QPSK	100	0	20.00	20.06	20.00		

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BW [MHz]	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	21.54	21.56	21.47	22.2	0
20	QPSK	1	49	21.44	21.53	21.52		
20	QPSK	1	99	21.38	21.48	21.38		
20	QPSK	50	0	21.46	21.52	21.46	22.2	0
20	QPSK	50	24	21.32	21.36	21.46		
20	QPSK	50	50	21.38	21.31	21.24		
20	QPSK	100	0	21.45	21.48	21.41		
20	16QAM	1	0	21.42	21.47	21.36	22.2	0
20	16QAM	1	49	21.41	21.43	21.40		
20	16QAM	1	99	21.33	21.41	21.26		
20	16QAM	50	0	21.44	21.45	21.43	22.2	0
20	16QAM	50	24	21.18	21.29	21.39		
20	16QAM	50	50	21.35	21.28	21.21		
20	16QAM	100	0	21.38	21.36	21.29		
20	64QAM	1	0	21.45	21.47	21.35	22.2	0
20	64QAM	1	49	21.30	21.39	21.45		
20	64QAM	1	99	21.29	21.43	21.32		
20	64QAM	50	0	21.43	21.48	21.42	22.2	0
20	64QAM	50	24	21.27	21.29	21.41		
20	64QAM	50	50	21.35	21.28	21.20		
20	64QAM	100	0	21.39	21.35	21.33		
20	256QAM	1	0	19.98	20.02	19.92	20.7	1.5
20	256QAM	1	49	19.91	19.98	20.05		
20	256QAM	1	99	19.91	19.96	19.93		
20	256QAM	50	0	20.01	20.06	19.96	20.7	1.5
20	256QAM	50	24	19.82	19.86	19.96		
20	256QAM	50	50	19.83	19.78	19.68		
20	256QAM	100	0	19.97	19.99	19.91		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.43	21.46	21.36	22.2	0
15	QPSK	1	37	21.36	21.48	21.47		
15	QPSK	1	74	21.29	21.38	21.26		
15	QPSK	36	0	21.34	21.42	21.43	22.2	0
15	QPSK	36	20	21.24	21.26	21.40		
15	QPSK	36	39	21.28	21.24	21.17		
15	QPSK	75	0	21.40	21.41	21.29		
15	16QAM	1	0	21.29	21.42	21.33	22.2	0
15	16QAM	1	37	21.33	21.31	21.37		
15	16QAM	1	74	21.25	21.34	21.15		
15	16QAM	36	0	21.31	21.33	21.33	22.2	0
15	16QAM	36	20	21.13	21.20	21.27		
15	16QAM	36	39	21.29	21.26	21.10		
15	16QAM	75	0	21.34	21.24	21.25		
15	64QAM	1	0	21.33	21.39	21.27	22.2	0
15	64QAM	1	37	21.21	21.31	21.37		
15	64QAM	1	74	21.18	21.31	21.21		
15	64QAM	36	0	21.32	21.46	21.33	22.2	0
15	64QAM	36	20	21.21	21.27	21.30		
15	64QAM	36	39	21.27	21.16	21.09		
15	64QAM	75	0	21.35	21.28	21.24		
15	256QAM	1	0	19.93	19.96	19.80	20.7	1.5
15	256QAM	1	37	19.86	19.95	20.01		
15	256QAM	1	74	19.88	19.93	19.90		
15	256QAM	36	0	19.88	20.02	19.88	20.7	1.5
15	256QAM	36	20	19.74	19.78	19.91		
15	256QAM	36	39	19.74	19.66	19.57		
15	256QAM	75	0	19.92	19.91	19.85		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.49	21.46	21.43	22.2	0
10	QPSK	1	25	21.33	21.42	21.45		
10	QPSK	1	49	21.32	21.41	21.31		
10	QPSK	25	0	21.41	21.38	21.33	22.2	0
10	QPSK	25	12	21.22	21.31	21.33		
10	QPSK	25	25	21.31	21.27	21.12		
10	QPSK	50	0	21.33	21.43	21.30		
10	16QAM	1	0	21.30	21.36	21.28	22.2	0
10	16QAM	1	25	21.33	21.35	21.35		
10	16QAM	1	49	21.26	21.31	21.18		
10	16QAM	25	0	21.32	21.41	21.34	22.2	0
10	16QAM	25	12	21.07	21.23	21.30		
10	16QAM	25	25	21.29	21.20	21.15		
10	16QAM	50	0	21.24	21.30	21.23		
10	64QAM	1	0	21.40	21.41	21.29	22.2	0
10	64QAM	1	25	21.16	21.25	21.33		
10	64QAM	1	49	21.22	21.36	21.22		
10	64QAM	25	0	21.32	21.40	21.30	22.2	0
10	64QAM	25	12	21.14	21.19	21.28		
10	64QAM	25	25	21.26	21.18	21.14		
10	64QAM	50	0	21.30	21.31	21.23		
10	256QAM	1	0	19.89	19.97	19.79	20.7	1.5
10	256QAM	1	25	19.83	19.90	19.94		
10	256QAM	1	49	19.88	19.92	19.83		
10	256QAM	25	0	19.93	19.94	19.88	20.7	1.5
10	256QAM	25	12	19.78	19.75	19.84		
10	256QAM	25	25	19.72	19.71	19.65		
10	256QAM	50	0	19.84	19.94	19.87		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.51	21.51	21.35	22.2	0
5	QPSK	1	12	21.38	21.51	21.45		
5	QPSK	1	24	21.26	21.37	21.29		
5	QPSK	12	0	21.40	21.45	21.40	22.2	0
5	QPSK	12	7	21.21	21.34	21.37		
5	QPSK	12	13	21.30	21.27	21.21		
5	QPSK	25	0	21.40	21.43	21.29		
5	16QAM	1	0	21.33	21.34	21.24	22.2	0
5	16QAM	1	12	21.38	21.34	21.31		
5	16QAM	1	24	21.28	21.35	21.16		
5	16QAM	12	0	21.35	21.41	21.40	22.2	0
5	16QAM	12	7	21.06	21.20	21.26		
5	16QAM	12	13	21.21	21.20	21.13		
5	16QAM	25	0	21.29	21.24	21.27		
5	64QAM	1	0	21.35	21.37	21.32	22.2	0
5	64QAM	1	12	21.26	21.28	21.42		
5	64QAM	1	24	21.19	21.35	21.24		
5	64QAM	12	0	21.32	21.44	21.35	22.2	0
5	64QAM	12	7	21.20	21.17	21.33		
5	64QAM	12	13	21.26	21.16	21.13		
5	64QAM	25	0	21.26	21.29	21.24		
5	256QAM	1	0	19.87	19.99	19.88	20.7	1.5
5	256QAM	1	12	19.82	19.95	20.00		
5	256QAM	1	24	19.82	19.88	19.91		
5	256QAM	12	0	19.89	20.00	19.83	20.7	1.5
5	256QAM	12	7	19.78	19.74	19.88		
5	256QAM	12	13	19.71	19.65	19.57		
5	256QAM	25	0	19.91	19.85	19.79		

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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	20.54	20.65	20.73	20.62	20.51	21.2	0
20	QPSK	1	49	20.40	20.49	20.66	20.44	20.45		
20	QPSK	1	99	20.50	20.48	20.60	20.47	20.44		
20	QPSK	50	0	20.46	20.53	20.66	20.60	20.56	21.2	0
20	QPSK	50	24	20.22	20.44	20.56	20.42	20.38		
20	QPSK	50	50	20.30	20.47	20.51	20.46	20.34		
20	QPSK	100	0	20.52	20.62	20.63	20.48	20.40		
20	16QAM	1	0	20.47	20.57	20.59	20.55	20.39	21.2	0
20	16QAM	1	49	20.37	20.45	20.58	20.31	20.37		
20	16QAM	1	99	20.40	20.39	20.53	20.43	20.36		
20	16QAM	50	0	20.33	20.49	20.58	20.48	20.48	21.2	0
20	16QAM	50	24	20.09	20.42	20.52	20.35	20.30		
20	16QAM	50	50	20.28	20.43	20.42	20.40	20.24		
20	16QAM	100	0	20.47	20.52	20.60	20.36	20.29		
20	64QAM	1	0	20.45	20.59	20.64	20.51	20.48	21.2	0
20	64QAM	1	49	20.37	20.37	20.53	20.39	20.38		
20	64QAM	1	99	20.45	20.36	20.55	20.39	20.42		
20	64QAM	50	0	20.37	20.40	20.61	20.50	20.52	21.2	0
20	64QAM	50	24	20.19	20.40	20.45	20.39	20.26		
20	64QAM	50	50	20.25	20.35	20.43	20.41	20.25		
20	64QAM	100	0	20.43	20.60	20.51	20.42	20.30		
20	256QAM	1	0	19.92	20.11	20.10	20.09	19.96	20.7	0.5
20	256QAM	1	49	19.83	19.86	20.12	19.82	19.84		
20	256QAM	1	99	19.91	19.95	19.98	19.89	19.81		
20	256QAM	50	0	19.92	19.97	20.09	20.05	19.96	20.7	0.5
20	256QAM	50	24	19.66	19.88	20.00	19.81	19.80		
20	256QAM	50	50	19.68	19.85	19.88	19.89	19.71		
20	256QAM	100	0	19.95	20.08	20.08	19.91	19.81		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.45	20.62	20.62	20.56	20.43	21.20	0
15	QPSK	1	37	20.27	20.40	20.56	20.31	20.32		
15	QPSK	1	74	20.44	20.37	20.46	20.38	20.41		
15	QPSK	36	0	20.33	20.42	20.60	20.47	20.52	21.2	0
15	QPSK	36	20	20.11	20.30	20.54	20.38	20.25		
15	QPSK	36	39	20.28	20.41	20.40	20.43	20.32		
15	QPSK	75	0	20.42	20.49	20.56	20.38	20.31		
15	16QAM	1	0	20.41	20.49	20.50	20.52	20.32	21.2	0
15	16QAM	1	37	20.24	20.39	20.54	20.25	20.34		
15	16QAM	1	74	20.31	20.29	20.41	20.38	20.28		
15	16QAM	36	0	20.21	20.45	20.55	20.42	20.36	21.2	0
15	16QAM	36	20	20.00	20.32	20.44	20.25	20.20		
15	16QAM	36	39	20.22	20.40	20.40	20.28	20.21		
15	16QAM	75	0	20.41	20.43	20.51	20.22	20.26		
15	64QAM	1	0	20.39	20.51	20.54	20.41	20.35	21.2	0
15	64QAM	1	37	20.32	20.31	20.50	20.32	20.34		
15	64QAM	1	74	20.40	20.32	20.45	20.30	20.30		
15	64QAM	36	0	20.24	20.26	20.54	20.42	20.43	21.2	0
15	64QAM	36	20	20.07	20.32	20.32	20.31	20.20		
15	64QAM	36	39	20.12	20.22	20.35	20.31	20.23		
15	64QAM	75	0	20.39	20.57	20.44	20.33	20.23		
15	256QAM	1	0	19.93	20.12	20.05	20.10	19.93	20.7	0.5
15	256QAM	1	37	19.83	19.87	20.09	19.78	19.87		
15	256QAM	1	74	19.89	19.98	19.95	19.85	19.78		
15	256QAM	36	0	19.87	20.01	20.13	20.03	19.95	20.7	0.5
15	256QAM	36	20	19.63	19.83	20.00	19.87	19.83		
15	256QAM	36	39	19.67	19.90	19.93	19.91	19.75		
15	256QAM	75	0	19.91	20.03	20.12	19.95	19.82		
Channel				39700	40150	40600	41050	41500	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.51	20.56	20.68	20.57	20.46	21.20	0
10	QPSK	1	25	20.35	20.36	20.63	20.33	20.38		
10	QPSK	1	49	20.39	20.40	20.48	20.39	20.37		
10	QPSK	25	0	20.37	20.50	20.59	20.53	20.42	21.2	0
10	QPSK	25	12	20.17	20.36	20.53	20.30	20.25		
10	QPSK	25	25	20.26	20.33	20.46	20.35	20.23		
10	QPSK	50	0	20.43	20.52	20.55	20.40	20.29		
10	16QAM	1	0	20.44	20.51	20.55	20.47	20.25	21.2	0
10	16QAM	1	25	20.33	20.40	20.52	20.18	20.35		
10	16QAM	1	49	20.34	20.31	20.41	20.29	20.27		
10	16QAM	25	0	20.30	20.42	20.45	20.44	20.40	21.2	0
10	16QAM	25	12	20.02	20.39	20.49	20.23	20.24		
10	16QAM	25	25	20.21	20.39	20.38	20.28	20.17		
10	16QAM	50	0	20.40	20.39	20.55	20.29	20.24		
10	64QAM	1	0	20.42	20.53	20.58	20.42	20.44	21.2	0
10	64QAM	1	25	20.30	20.23	20.48	20.35	20.29		
10	64QAM	1	49	20.31	20.25	20.48	20.34	20.33		
10	64QAM	25	0	20.29	20.32	20.47	20.44	20.40	21.2	0
10	64QAM	25	12	20.13	20.31	20.41	20.36	20.15		
10	64QAM	25	25	20.14	20.32	20.36	20.32	20.22		
10	64QAM	50	0	20.37	20.47	20.44	20.33	20.19		
10	256QAM	1	0	19.92	20.13	20.09	20.14	20.01	20.7	0.5
10	256QAM	1	25	19.82	19.90	20.18	19.86	19.81		
10	256QAM	1	49	19.93	19.90	20.03	19.84	19.79		
10	256QAM	25	0	19.90	19.95	20.05	20.03	19.92	20.7	0.5
10	256QAM	25	12	19.60	19.86	19.98	19.86	19.85		
10	256QAM	25	25	19.70	19.84	19.85	19.86	19.69		
10	256QAM	50	0	19.93	20.14	20.10	19.92	19.86		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.52	20.59	20.66	20.57	20.46	21.20	0
5	QPSK	1	12	20.37	20.42	20.58	20.39	20.41		
5	QPSK	1	24	20.40	20.46	20.52	20.39	20.38		
5	QPSK	12	0	20.41	20.48	20.61	20.54	20.53	21.2	0
5	QPSK	12	7	20.14	20.33	20.54	20.36	20.28		
5	QPSK	12	13	20.19	20.33	20.42	20.34	20.24		
5	QPSK	25	0	20.46	20.60	20.54	20.41	20.29		
5	16QAM	1	0	20.39	20.46	20.48	20.44	20.33	21.2	0
5	16QAM	1	12	20.28	20.38	20.47	20.25	20.23		
5	16QAM	1	24	20.28	20.35	20.41	20.37	20.30		
5	16QAM	12	0	20.24	20.43	20.51	20.37	20.43	21.2	0
5	16QAM	12	7	19.96	20.38	20.41	20.25	20.27		
5	16QAM	12	13	20.22	20.31	20.36	20.32	20.15		
5	16QAM	25	0	20.42	20.48	20.52	20.31	20.20		
5	64QAM	1	0	20.35	20.50	20.52	20.44	20.40	21.2	0
5	64QAM	1	12	20.26	20.24	20.39	20.28	20.31		
5	64QAM	1	24	20.32	20.26	20.46	20.37	20.29		
5	64QAM	12	0	20.28	20.30	20.48	20.44	20.45	21.2	0
5	64QAM	12	7	20.12	20.33	20.40	20.26	20.13		
5	64QAM	12	13	20.14	20.26	20.38	20.38	20.20		
5	64QAM	25	0	20.34	20.50	20.41	20.36	20.20		
5	256QAM	1	0	19.87	20.05	20.15	20.06	19.93	20.7	0.5
5	256QAM	1	12	19.83	19.89	20.11	19.86	19.83		
5	256QAM	1	24	19.94	19.91	20.02	19.86	19.84		
5	256QAM	12	0	19.90	19.92	20.06	19.99	20.00	20.7	0.5
5	256QAM	12	7	19.65	19.88	19.94	19.81	19.80		
5	256QAM	12	13	19.65	19.88	19.94	19.91	19.71		
5	256QAM	25	0	19.90	20.06	20.09	19.94	19.77		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.30	22.40	22.33		
20	QPSK	1	49	22.26	22.35	22.19	24	0
20	QPSK	50	0	22.25	22.33	22.20		
20	QPSK	50	0	21.29	21.41	21.39		
20	QPSK	50	24	21.21	21.36	21.24	23	1
20	QPSK	50	50	21.21	21.31	21.16		
20	QPSK	100	0	21.30	21.38	21.30		
20	16QAM	1	0	21.30	21.37	21.33		
20	16QAM	1	49	21.26	21.32	21.25	23	1
20	16QAM	1	99	21.19	21.30	21.16		
20	16QAM	50	0	20.27	20.46	20.42		
20	16QAM	50	24	20.19	20.31	20.19	22	2
20	16QAM	50	50	20.21	20.30	20.21		
20	16QAM	100	0	20.32	20.37	20.27		
20	64QAM	1	0	20.29	20.43	20.31		
20	64QAM	1	49	20.22	20.27	20.26	22	2
20	64QAM	1	99	20.16	20.33	20.10		
20	64QAM	50	0	19.25	19.46	19.39		
20	64QAM	50	24	19.21	19.39	19.26	21	3
20	64QAM	50	50	19.24	19.34	19.18		
20	64QAM	100	0	19.34	19.40	19.25		
20	256QAM	1	0	17.27	17.38	17.42		
20	256QAM	1	49	17.24	17.33	17.30	19	5
20	256QAM	1	99	17.18	17.35	17.14		
20	256QAM	50	0	17.34	17.39	17.34		
20	256QAM	50	24	17.27	17.32	17.29	19	5
20	256QAM	50	50	17.26	17.35	17.22		
20	256QAM	100	0	17.15	17.34	17.15		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.26	22.33	22.29		
15	QPSK	1	37	22.17	22.33	22.12	24	0
15	QPSK	1	74	22.18	22.20	22.13		
15	QPSK	36	0	21.26	21.36	21.25		
15	QPSK	36	20	21.16	21.34	21.18	23	1
15	QPSK	36	39	21.07	21.22	21.12		
15	QPSK	75	0	21.23	21.25	21.28		
15	16QAM	1	0	21.23	21.28	21.25		
15	16QAM	1	37	21.18	21.23	21.14	23	1
15	16QAM	1	74	21.07	21.21	21.14		
15	16QAM	36	0	20.23	20.36	20.34		
15	16QAM	36	20	20.11	20.23	20.15	22	2
15	16QAM	36	39	20.16	20.23	20.17		
15	16QAM	75	0	20.19	20.31	20.19		
15	64QAM	1	0	20.18	20.33	20.27		
15	64QAM	1	37	20.17	20.15	20.22	22	2
15	64QAM	1	74	20.05	20.28	20.00		
15	64QAM	36	0	19.21	19.39	19.26		
15	64QAM	36	20	19.15	19.28	19.22	21	3
15	64QAM	36	39	19.18	19.23	19.09		
15	64QAM	75	0	19.26	19.35	19.13		
15	256QAM	1	0	17.15	17.25	17.30		
15	256QAM	1	37	17.19	17.29	17.27	19	5
15	256QAM	1	74	17.06	17.27	17.08		
15	256QAM	36	0	17.21	17.29	17.31		
15	256QAM	36	20	17.21	17.27	17.26	19	5
15	256QAM	36	39	17.21	17.25	17.17		
15	256QAM	75	0	17.03	17.25	17.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.17	22.19	22.30		
10	QPSK	1	25	22.21	22.31	22.06	24	0
10	QPSK	1	49	22.20	22.24	22.08		
10	QPSK	25	0	21.26	21.27	21.26		
10	QPSK	25	12	21.08	21.27	21.20	23	1
10	QPSK	25	25	21.15	21.21	21.03		
10	QPSK	50	0	21.23	21.34	21.20		
10	16QAM	1	0	21.22	21.34	21.30		
10	16QAM	1	25	21.21	21.28	21.11	23	1
10	16QAM	1	49	21.14	21.17	21.08		
10	16QAM	25	0	20.13	20.34	20.31		
10	16QAM	25	12	20.08	20.27	20.13	22	2
10	16QAM	25	25	20.10	20.16	20.17		
10	16QAM	50	0	20.25	20.24	20.18		
10	64QAM	1	0	20.21	20.40	20.18		
10	64QAM	1	25	20.16	20.18	20.23	22	2
10	64QAM	1	49	20.03	20.23	20.07		
10	64QAM	25	0	19.12	19.36	19.28		
10	64QAM	25	12	19.07	19.35	19.16	21	3
10	64QAM	25	25	19.21	19.23	19.08		
10	64QAM	50	0	19.24	19.34	19.13		
10	256QAM	1	0	17.18	17.32	17.28		
10	256QAM	1	25	17.20	17.30	17.19	19	5
10	256QAM	1	49	17.11	17.23	17.11		
10	256QAM	25	0	17.31	17.29	17.27		
10	256QAM	25	12	17.18	17.28	17.25	19	5
10	256QAM	25	25	17.20	17.25	17.08		
10	256QAM	50	0	17.04	17.31	17.12		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.26	22.33	22.25		
5	QPSK	1	12	22.15	22.32	22.13	24	0
5	QPSK	1	24	22.19	22.22	22.13		
5	QPSK	12	0	21.26	21.27	21.28		
5	QPSK	12	7	21.15	21.33	21.11	23	1
5	QPSK	12	13	21.15	21.23	21.06		
5	QPSK	25	0	21.18	21.34	21.27		
5	16QAM	1	0	21.25	21.32	21.22		
5	16QAM	1	12	21.13	21.19	21.19	23	1
5	16QAM	1	24	21.13	21.25	21.10		
5	16QAM	12	0	20.24	20.34	20.38		
5	16QAM	12	7	20.05	20.26	20.14	22	2
5	16QAM	12	13	20.13	20.19	20.08		
5	16QAM	25	0	20.22	20.26	20.22		
5	64QAM	1	0	20.26	20.30	20.20		
5	64QAM	1	12	20.20	20.22	20.22	22	2
5	64QAM	1	24	20.09	20.21	20.04		
5	64QAM	12	0	19.14	19.38	19.30		
5	64QAM	12	7	19.08	19.33	19.19	21	3
5	64QAM	12	13	19.18	19.29	19.11		
5	64QAM	25	0	19.32	19.26	19.16		
5	256QAM	1	0	17.25	17.29	17.36		
5	256QAM	1	12	17.16	17.24	17.24	19	5
5	256QAM	1	24	17.08	17.30	17.08		
5	256QAM	12	0	17.28	17.34	17.30		
5	256QAM	12	7	17.19	17.29	17.19	19	5
5	256QAM	12	13	17.18	17.22	17.16		
5	256QAM	25	0	17.04	17.23	17.02		
Channel				18615	18700	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.22	22.34	22.25		
3	QPSK	1	8	22.23	22.21	22.14	24	0
3	QPSK	1	14	22.11	22.20	22.11		
3	QPSK	8	0	21.21	21.28	21.29		
3	QPSK	8	4	21.07	21.33	21.10	23	1
3	QPSK	8	7	21.14	21.25	21.11		
3	QPSK	15	0	21.22	21.26	21.25		
3	16QAM	1	0	21.22	21.24	21.27		
3	16QAM	1	8	21.21	21.23	21.16	23	1
3	16QAM	1	14	21.07	21.17	21.04		
3	16QAM	8	0	20.23	20.43	20.30		
3	16QAM	8	4	20.09	20.28	20.17	22	2
3	16QAM	8	7	20.13	20.27	20.14		
3	16QAM	15	0	20.26	20.24	20.14		
3	64QAM	1	0	20.22	20.40	20.25		
3	64QAM	1	8	20.19	20.24	20.17	22	2
3	64QAM	1	14	20.04	20.29	19.97		
3	64QAM	8	0	19.15	19.44	19.26		
3	64QAM	8	4	19.08	19.33	19.15	21	3
3	64QAM	8	7	19.19	19.29	19.07		
3	64QAM	15	0	19.24	19.28	19.14		
3	256QAM	1	0	17.14	17.26	17.29		
3	256QAM	1	8	17.18	17.31	17.18	19	5
3	256QAM	1	14	17.07	17.25	17.03		
3	256QAM	8	0	17.29	17.27	17.21		
3	256QAM	8	4	17.24	17.20	17.17	19	5
3	256QAM	8	7	17.15	17.32	17.10		
3	256QAM	15	0	17.06	17.24	17.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.25	22.35	22.27		
1.4	QPSK	1	3	22.24	22.26	22.09		
1.4	QPSK	1	5	22.18	22.22	22.17	24	0
1.4	QPSK	3	0	22.14	22.25	22.22		
1.4	QPSK	3	1	22.14	22.19	22.02		
1.4	QPSK	3	3	22.16	22.14	22.13		
1.4	QPSK	6	0	21.28	21.29	21.17	23	1
1.4	16QAM	1	0	21.23	21.27	21.28		
1.4	16QAM	1	3	21.23	21.25	21.15		
1.4	16QAM	1	5	21.16	21.23	21.05	23	1
1.4	16QAM	3	0	21.21	21.22	21.03		
1.4	16QAM	3	1	21.15	21.16	21.19		
1.4	16QAM	3	3	21.15	21.22	21.04		
1.4	16QAM	6	0	20.25	20.28	20.16	22	2
1.4	64QAM	1	0	20.19	20.35	20.25		
1.4	64QAM	1	3	20.11	20.25	20.14		
1.4	64QAM	1	5	20.10	20.27	20.05	22	2
1.4	64QAM	3	0	20.13	20.19	20.03		
1.4	64QAM	3	1	20.10	20.24	20.16		
1.4	64QAM	3	3	20.07	20.15	20.06		
1.4	64QAM	6	0	19.23	19.31	19.16	21	3
1.4	256QAM	1	0	17.19	17.25	17.30		
1.4	256QAM	1	3	17.22	17.28	17.18		
1.4	256QAM	1	5	17.16	17.30	17.01	19	5
1.4	256QAM	3	0	17.24	17.29	17.30		
1.4	256QAM	3	1	17.15	17.26	17.19		
1.4	256QAM	3	3	17.13	17.29	17.16		
1.4	256QAM	6	0	17.08	17.20	17.07	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.06	22.07	22.03		
20	QPSK	1	49	21.91	22.01	21.92	23.5	0
20	QPSK	1	99	21.86	21.97	21.94		
20	QPSK	50	0	21.96	22.04	21.99		
20	QPSK	50	24	21.86	21.87	21.81	23.5	0
20	QPSK	50	50	21.82	21.87	21.82		
20	QPSK	100	0	21.92	22.03	21.97		
20	16QAM	1	0	21.93	22.00	21.98		
20	16QAM	1	49	21.77	21.96	21.82	23.5	0
20	16QAM	1	99	21.71	21.89	21.91		
20	16QAM	50	0	21.02	21.07	21.00		
20	16QAM	50	24	20.88	20.96	20.90	22.5	1
20	16QAM	50	50	20.87	21.01	20.91		
20	16QAM	100	0	20.92	21.01	21.03		
20	64QAM	1	0	20.91	20.88	20.76		
20	64QAM	1	49	20.82	20.82	20.88	22.5	1
20	64QAM	1	99	20.91	21.04	20.93		
20	64QAM	50	0	20.01	20.03	19.98		
20	64QAM	50	24	19.89	20.06	19.93	21.5	2
20	64QAM	50	50	19.89	19.92	19.97		
20	64QAM	100	0	19.94	20.08	19.94		
20	256QAM	1	0	18.02	18.11	18.02		
20	256QAM	1	49	17.85	17.96	17.86	19.5	4
20	256QAM	1	99	17.84	17.97	17.88		
20	256QAM	50	0	17.94	18.01	17.99		
20	256QAM	50	24	17.84	17.84	17.84	19.5	4
20	256QAM	50	50	17.76	17.88	17.87		
20	256QAM	100	0	17.99	18.05	17.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.96	22.01	21.98		
15	QPSK	1	37	21.85	21.95	21.93	23.5	0
15	QPSK	1	74	21.72	21.89	21.86		
15	QPSK	36	0	21.82	21.99	21.87		
15	QPSK	36	20	21.74	21.80	21.68	23.5	0
15	QPSK	36	39	21.78	21.82	21.72		
15	QPSK	75	0	21.90	21.93	21.84		
15	16QAM	1	0	21.88	21.96	21.85		
15	16QAM	1	37	21.64	21.88	21.70	23.5	0
15	16QAM	1	74	22.05	21.78	21.88		
15	16QAM	36	0	20.96	20.96	20.88		
15	16QAM	36	20	20.85	20.89	20.77	22.5	1
15	16QAM	36	39	20.84	20.89	20.87		
15	16QAM	75	0	20.82	20.90	20.93		
15	64QAM	1	0	20.78	20.79	20.69		
15	64QAM	1	37	20.80	20.76	20.85	22.5	1
15	64QAM	1	74	20.79	20.99	20.86		
15	64QAM	36	0	19.98	19.93	19.94		
15	64QAM	36	20	19.79	19.92	19.88	21.5	2
15	64QAM	36	39	19.78	19.80	19.84		
15	64QAM	75	0	19.83	20.06	19.84		
15	256QAM	1	0	17.91	18.00	17.89		
15	256QAM	1	37	17.74	17.86	17.74	19.5	4
15	256QAM	1	74	17.76	17.86	17.84		
15	256QAM	36	0	17.85	17.93	17.92		
15	256QAM	36	20	17.74	17.80	17.79	19.5	4
15	256QAM	36	39	17.62	17.72	17.80		
15	256QAM	75	0	17.90	17.92	17.89		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.92	22.03	21.98		
10	QPSK	1	25	21.85	21.89	21.80	23.5	0
10	QPSK	1	49	21.78	21.85	21.87		
10	QPSK	25	0	21.92	21.91	21.92		
10	QPSK	25	12	21.75	21.75	21.75	23.5	0
10	QPSK	25	25	21.69	21.80	21.69		
10	QPSK	50	0	21.83	21.96	21.91		
10	16QAM	1	0	21.91	21.94	21.93		
10	16QAM	1	25	21.72	21.83	21.72	23.5	0
10	16QAM	1	49	21.58	21.81	21.83		
10	16QAM	25	0	20.93	20.95	20.92		
10	16QAM	25	12	20.78	20.84	20.79	22.5	1
10	16QAM	25	25	20.85	20.95	20.79		
10	16QAM	50	0	20.79	20.88	20.97		
10	64QAM	1	0	20.82	20.83	20.68		
10	64QAM	1	25	20.70	20.70	20.84	22.5	1
10	64QAM	1	49	20.84	20.98	20.86		
10	64QAM	25	0	19.96	19.97	19.91		
10	64QAM	25	12	19.85	19.94	19.83	21.5	2
10	64QAM	25	25	19.83	19.81	19.89		
10	64QAM	50	0	19.83	19.97	19.92		
10	256QAM	1	0	17.99	18.00	17.99		
10	256QAM	1	25	17.76	17.91	17.82	19.5	4
10	256QAM	1	49	17.76	17.89	17.84		
10	256QAM	25	0	17.91	17.89	17.90		
10	256QAM	25	12	17.80	17.97	17.81	19.5	4
10	256QAM	25	25	17.64	17.84	17.80		
10	256QAM	50	0	17.86	17.97	17.79		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.95	21.98	21.93		
5	QPSK	1	12	21.80	21.90	21.80	23.5	0
5	QPSK	1	24	21.76	21.89	21.83		
5	QPSK	12	0	21.92	22.02	21.86		
5	QPSK	12	7	21.82	21.82	21.75	23.5	0
5	QPSK	12	13	21.79	21.73	21.75		
5	QPSK	25	0	21.91	21.91	21.90		
5	16QAM	1	0	21.87	21.97	21.93		
5	16QAM	1	12	21.72	21.87	21.78	23.5	0
5	16QAM	1	24	21.58	21.81	21.88		
5	16QAM	12	0	20.91	20.97	20.90		
5	16QAM	12	7	20.83	20.87	20.78	22.5	1
5	16QAM	12	13	20.80	20.95	20.87		
5	16QAM	25	0	20.85	20.99	20.91		
5	64QAM	1	0	20.77	20.83	20.65		
5	64QAM	1	12	20.70	20.79	20.85	22.5	1
5	64QAM	1	24	20.77	20.98	20.87		
5	64QAM	12	0	19.96	19.97	19.92		
5	64QAM	12	7	19.85	19.95	19.89	21.5	2
5	64QAM	12	13	19.82	19.79	19.89		
5	64QAM	25	0	19.89	19.95	19.82		
5	256QAM	1	0	18.00	18.03	17.96		
5	256QAM	1	12	17.80	17.86	17.75	19.5	4
5	256QAM	1	24	17.73	17.90	17.81		
5	256QAM	12	0	17.92	17.98	17.96		
5	256QAM	12	7	17.80	17.82	17.77	19.5	4
5	256QAM	12	13	17.63	17.84	17.79		
5	256QAM	25	0	17.88	17.99	17.86		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.00	21.93	21.94		
3	QPSK	1	8	21.80	21.96	21.82	23.5	0
3	QPSK	1	14	21.72	21.93	21.83		
3	QPSK	8	0	21.92	21.97	21.96		
3	QPSK	8	4	21.81	21.76	21.68	23.5	0
3	QPSK	8	7	21.77	21.79	21.71		
3	QPSK	15	0	21.87	21.96	21.88		
3	16QAM	1	0	21.80	21.92	21.85		
3	16QAM	1	8	21.65	21.92	21.78	23.5	0
3	16QAM	1	14	21.67	21.87	21.81		
3	16QAM	8	0	20.91	21.03	20.97		
3	16QAM	8	4	20.81	20.94	20.80	22.5	1
3	16QAM	8	7	20.82	20.98	20.82		
3	16QAM	15	0	20.86	20.92	20.98		
3	64QAM	1	0	20.87	20.76	20.63		
3	64QAM	1	8	20.79	20.77	20.85	22.5	1
3	64QAM	1	14	20.87	20.97	20.85		
3	64QAM	8	0	19.90	20.01	19.84		
3	64QAM	8	4	19.80	19.93	19.89	21.5	2
3	64QAM	8	7	19.80	19.79	19.93		
3	64QAM	15	0	19.91	20.02	19.81		
3	256QAM	1	0	17.98	17.98	17.90		
3	256QAM	1	8	17.73	17.82	17.78	19.5	4
3	256QAM	1	14	17.73	17.90	17.78		
3	256QAM	8	0	17.85	17.96	17.92		
3	256QAM	8	4	17.73	17.75	17.73	19.5	4
3	256QAM	8	7	17.69	17.77	17.79		
3	256QAM	15	0	17.90	17.97	17.84		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.98	21.98	21.93		
1.4	QPSK	1	3	21.77	21.97	21.88		
1.4	QPSK	1	5	21.82	21.94	21.82	23.5	0
1.4	QPSK	3	0	21.86	21.95	21.88		
1.4	QPSK	3	1	21.76	21.73	21.73		
1.4	QPSK	3	3	21.73	21.84	21.75		
1.4	QPSK	6	0	21.83	21.94	21.87	23.5	0
1.4	16QAM	1	0	21.82	21.95	21.95		
1.4	16QAM	1	3	21.71	21.83	21.80		
1.4	16QAM	1	5	21.66	21.75	21.81	23.5	0
1.4	16QAM	3	0	21.71	21.81	21.82		
1.4	16QAM	3	1	21.67	21.77	21.88		
1.4	16QAM	3	3	21.58	21.67	21.77		
1.4	16QAM	6	0	20.88	20.95	21.00	22.5	1
1.4	64QAM	1	0	20.81	20.84	20.63		
1.4	64QAM	1	3	20.74	20.71	20.86		
1.4	64QAM	1	5	20.83	20.94	20.81	22.5	1
1.4	64QAM	3	0	20.83	20.88	20.91		
1.4	64QAM	3	1	20.78	20.81	20.90		
1.4	64QAM	3	3	20.61	20.66	20.76		
1.4	64QAM	6	0	19.85	20.00	19.87	21.5	2
1.4	256QAM	1	0	17.95	18.03	17.88		
1.4	256QAM	1	3	17.81	17.88	17.78		
1.4	256QAM	1	5	17.75	17.85	17.78	19.5	4
1.4	256QAM	3	0	17.91	17.96	17.86		
1.4	256QAM	3	1	17.73	17.79	17.70		
1.4	256QAM	3	3	17.71	17.79	17.75		
1.4	256QAM	6	0	17.89	17.91	17.81	19.5	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.93	19.97	19.94		
20	QPSK	1	49	19.84	19.84	19.84	21.5	0
20	QPSK	1	99	19.86	19.87	19.86		
20	QPSK	50	0	19.88	19.94	19.88		
20	QPSK	50	24	19.72	19.77	19.79	21.5	0
20	QPSK	50	50	19.79	19.77	19.81		
20	QPSK	100	0	19.84	19.93	19.81		
20	16QAM	1	0	19.83	19.95	19.82		
20	16QAM	1	49	19.72	19.71	19.71	21.5	0
20	16QAM	1	99	19.74	19.75	19.72		
20	16QAM	50	0	19.79	19

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.22	22.27	22.21	23.5	0
20	QPSK	1	49	22.08	22.24	22.18		
20	QPSK	1	99	22.18	22.21	22.09		
20	QPSK	50	0	21.21	21.30	21.22	22.5	1
20	QPSK	50	24	21.04	21.20	21.14		
20	QPSK	50	50	21.14	21.25	21.05		
20	QPSK	100	0	21.25	21.26	21.19		
20	16QAM	1	0	21.19	21.25	21.21	22.5	1
20	16QAM	1	49	21.02	21.20	21.14		
20	16QAM	1	99	21.20	21.24	21.12		
20	16QAM	50	0	20.25	20.34	20.21	21.5	2
20	16QAM	50	24	20.05	20.19	20.09		
20	16QAM	50	50	20.14	20.24	20.08		
20	16QAM	100	0	20.23	20.22	20.22		
20	64QAM	1	0	20.17	20.27	20.22	21.5	2
20	64QAM	1	49	20.01	20.21	20.18		
20	64QAM	1	99	20.19	20.18	20.10		
20	64QAM	50	0	19.19	19.33	19.21	20.5	3
20	64QAM	50	24	19.07	19.24	19.18		
20	64QAM	50	50	19.12	19.23	19.03		
20	64QAM	100	0	19.20	19.29	19.17		
20	256QAM	1	0	17.26	17.34	17.26	18.5	5
20	256QAM	1	49	17.00	17.19	17.18		
20	256QAM	1	99	17.10	17.29	17.05		
20	256QAM	50	0	17.29	17.30	17.21	18.5	5
20	256QAM	50	24	17.20	17.26	17.21		
20	256QAM	50	50	17.01	17.23	17.11		
20	256QAM	100	0	17.14	17.29	17.18		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.12	22.19	22.10	23.5	0
15	QPSK	1	37	22.04	22.20	22.05		
15	QPSK	1	74	22.15	22.12	22.02		
15	QPSK	36	0	21.12	21.23	21.08	22.5	1
15	QPSK	36	20	20.91	21.12	21.03		
15	QPSK	36	39	21.07	21.18	20.96		
15	QPSK	75	0	21.17	21.17	21.12		
15	16QAM	1	0	21.16	21.16	21.17	22.5	1
15	16QAM	1	37	20.88	21.10	21.04		
15	16QAM	1	74	21.17	21.10	20.99		
15	16QAM	36	0	20.21	20.23	20.12	21.5	2
15	16QAM	36	20	20.00	20.07	19.96		
15	16QAM	36	39	20.06	20.18	19.98		
15	16QAM	75	0	20.18	20.18	20.10		
15	64QAM	1	0	20.13	20.20	20.09	21.5	2
15	64QAM	1	37	19.89	20.18	20.11		
15	64QAM	1	74	20.16	20.10	19.99		
15	64QAM	36	0	19.17	19.30	19.13	20.5	3
15	64QAM	36	20	19.00	19.18	19.11		
15	64QAM	36	39	19.05	19.19	18.98		
15	64QAM	75	0	19.12	19.25	19.09		
15	256QAM	1	0	17.22	17.30	17.24	18.5	5
15	256QAM	1	37	16.96	17.12	17.05		
15	256QAM	1	74	17.05	17.16	16.98		
15	256QAM	36	0	17.17	17.20	17.17	18.5	5
15	256QAM	36	20	17.09	17.16	17.17		
15	256QAM	36	39	16.90	17.16	17.09		
15	256QAM	75	0	17.07	17.21	17.15		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.08	22.16	22.13	23.5	0
10	QPSK	1	25	21.94	22.16	22.15		
10	QPSK	1	49	22.13	22.15	22.03		
10	QPSK	25	0	21.10	21.25	21.10	22.5	1
10	QPSK	25	12	20.92	21.08	21.08		
10	QPSK	25	25	21.01	21.21	20.96		
10	QPSK	50	0	21.22	21.19	21.10		
10	16QAM	1	0	21.13	21.15	21.13	22.5	1
10	16QAM	1	25	20.93	21.12	21.08		
10	16QAM	1	49	21.15	21.21	21.09		
10	16QAM	25	0	20.22	20.28	20.09	21.5	2
10	16QAM	25	12	20.02	20.11	20.00		
10	16QAM	25	25	20.10	20.17	20.02		
10	16QAM	50	0	20.13	20.11	20.12		
10	64QAM	1	0	20.04	20.18	20.16	21.5	2
10	64QAM	1	25	19.87	20.13	20.16		
10	64QAM	1	49	20.05	20.13	19.99		
10	64QAM	25	0	19.12	19.29	19.14	20.5	3
10	64QAM	25	12	19.05	19.16	19.16		
10	64QAM	25	25	19.00	19.10	18.94		
10	64QAM	50	0	19.07	19.18	19.08		
10	256QAM	1	0	17.21	17.26	17.14	18.5	5
10	256QAM	1	25	16.91	17.06	17.08		
10	256QAM	1	49	17.07	17.23	16.98		
10	256QAM	25	0	17.16	17.18	17.19	18.5	5
10	256QAM	25	12	17.09	17.17	17.15		
10	256QAM	25	25	16.95	17.11	17.00		
10	256QAM	50	0	17.11	17.18	17.11		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.13	22.15	22.07	23.5	0
5	QPSK	1	12	21.99	22.19	22.08		
5	QPSK	1	24	22.06	22.08	22.06		
5	QPSK	12	0	21.16	21.20	21.09	22.5	1
5	QPSK	12	7	20.97	21.10	21.07		
5	QPSK	12	13	21.04	21.19	20.92		
5	QPSK	25	0	21.18	21.23	21.08		
5	16QAM	1	0	21.15	21.14	21.13	22.5	1
5	16QAM	1	12	20.93	21.09	21.03		
5	16QAM	1	24	21.14	21.21	21.06		
5	16QAM	12	0	20.22	20.23	20.13	21.5	2
5	16QAM	12	7	19.95	20.14	20.03		
5	16QAM	12	13	20.02	20.21	19.99		
5	16QAM	25	0	20.10	20.17	20.16		
5	64QAM	1	0	20.05	20.20	20.10	21.5	2
5	64QAM	1	12	19.88	20.16	20.13		
5	64QAM	1	24	20.16	20.06	20.04		
5	64QAM	12	0	19.13	19.24	19.08	20.5	3
5	64QAM	12	7	19.02	19.21	19.10		
5	64QAM	12	13	19.03	19.20	18.92		
5	64QAM	25	0	19.07	19.20	19.13		
5	256QAM	1	0	17.17	17.29	17.19	18.5	5
5	256QAM	1	12	16.94	17.11	17.12		
5	256QAM	1	24	17.05	17.18	16.93		
5	256QAM	12	0	17.23	17.23	17.16	18.5	5
5	256QAM	12	7	17.16	17.20	17.10		
5	256QAM	12	13	16.89	17.11	17.02		
5	256QAM	25	0	17.04	17.25	17.14		

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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	20.65	20.66	20.71	20.64	20.69	22	0
20	QPSK	1	49	20.61	20.62	20.57	20.60	20.67		
20	QPSK	1	99	20.59	20.52	20.69	20.54	20.65		
20	QPSK	50	0	20.61	20.60	20.69	20.55	20.64	22	0
20	QPSK	50	24	20.53	20.60	20.59	20.53	20.56		
20	QPSK	50	50	20.52	20.61	20.64	20.55	20.62		
20	QPSK	100	0	20.54	20.60	20.64	20.50	20.63		
20	16QAM	1	0	20.61	20.52	20.60	20.60	20.66	22	0
20	16QAM	1	49	20.58	20.51	20.51	20.54	20.59		
20	16QAM	1	99	20.48	20.48	20.60	20.47	20.59		
20	16QAM	50	0	20.12	20.17	20.24	20.19	20.24	21.5	0.5
20	16QAM	50	24	20.11	20.17	20.02	20.13	20.23		
20	16QAM	50	50	20.04	19.99	20.16	20.05	20.17		
20	16QAM	100	0	20.06	20.07	20.22	20.10	20.11		
20	64QAM	1	0	20.03	20.08	20.09	20.01	20.07	21.5	0.5
20	64QAM	1	49	19.97	20.07	20.14	20.02	20.12		
20	64QAM	1	99	19.99	20.09	20.18	19.99	20.16		
20	64QAM	50	0	19.20	19.18	19.24	19.11	19.15	20.5	1.5
20	64QAM	50	24	19.14	19.12	19.13	19.15	19.19		
20	64QAM	50	50	19.04	19.05	19.22	19.07	19.10		
20	64QAM	100	0	19.10	19.13	19.25	19.09	19.18		
20	256QAM	1	0	17.14	17.13	17.16	17.18	17.20	18.5	3.5
20	256QAM	1	49	17.06	17.11	17.09	17.15	17.12		
20	256QAM	1	99	17.03	16.97	17.17	17.09	17.20		
20	256QAM	50	0	17.06	17.06	17.19	17.02	17.18	18.5	3.5
20	256QAM	50	24	17.07	17.09	17.07	17.08	17.01		
20	256QAM	50	50	17.03	17.17	17.12	17.10	17.06		
20	256QAM	100	0	16.98	17.13	17.10	16.99	17.12		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.53	20.54	20.57	20.51	20.62	22.00	0
15	QPSK	1	37	20.57	20.58	20.53	20.48	20.61		
15	QPSK	1	74	20.57	20.45	20.62	20.51	20.61		
15	QPSK	36	0	20.49	20.56	20.64	20.48	20.58	22	0
15	QPSK	36	20	20.45	20.47	20.48	20.51	20.47		
15	QPSK	36	39	20.39	20.55	20.58	20.51	20.50		
15	QPSK	75	0	20.51	20.48	20.50	20.36	20.56		
15	16QAM	1	0	20.52	20.40	20.57	20.48	20.60	22	0
15	16QAM	1	37	20.51	20.47	20.38	20.50	20.54		
15	16QAM	1	74	20.35	20.36	20.54	20.33	20.47		
15	16QAM	36	0	20.09	20.03	20.13	20.13	20.17	21.5	0.5
15	16QAM	36	20	19.98	20.12	19.92	20.10	20.12		
15	16QAM	36	39	19.96	19.95	20.12	20.01	20.13		
15	16QAM	75	0	19.92	19.97	20.20	20.04	20.03		
15	64QAM	1	0	19.93	20.02	20.05	19.95	19.95	21.5	0.5
15	64QAM	1	37	19.93	19.99	20.05	19.95	20.07		
15	64QAM	1	74	19.93	20.00	20.05	19.97	20.05		
15	64QAM	36	0	19.09	19.04	19.14	19.02	19.05	20.5	1.5
15	64QAM	36	20	19.01	18.98	19.11	19.05	19.11		
15	64QAM	36	39	18.91	18.91	19.18	18.93	19.06		
15	64QAM	75	0	19.05	19.08	19.21	19.03	19.12		
15	256QAM	1	0	17.12	17.10	17.12	17.10	17.07	18.5	3.5
15	256QAM	1	37	16.94	17.02	17.00	17.09	17.03		
15	256QAM	1	74	16.99	16.90	17.13	17.03	17.13		
15	256QAM	36	0	17.02	17.01	17.06	16.93	17.05	18.5	3.5
15	256QAM	36	20	17.00	17.06	16.99	17.00	16.89		
15	256QAM	36	39	17.01	17.13	17.04	16.98	16.96		
15	256QAM	75	0	16.84	17.09	16.99	16.96	17.02		
Channel				39700	40150	40599	41050	41500	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.63	20.60	20.66	20.61	20.60	22.00	0
10	QPSK	1	25	20.55	20.57	20.46	20.53	20.64		
10	QPSK	1	49	20.54	20.39	20.64	20.48	20.55		
10	QPSK	25	0	20.58	20.49	20.57	20.45	20.54	22	0
10	QPSK	25	12	20.40	20.56	20.48	20.45	20.51		
10	QPSK	25	25	20.47	20.52	20.57	20.46	20.59		
10	QPSK	50	0	20.40	20.54	20.53	20.40	20.51		
10	16QAM	1	0	20.51	20.49	20.51	20.51	20.58	22	0
10	16QAM	1	25	20.46	20.39	20.38	20.46	20.53		
10	16QAM	1	49	20.34	20.40	20.58	20.37	20.54		
10	16QAM	25	0	20.10	20.06	20.11	20.09	20.12	21.5	0.5
10	16QAM	25	12	20.02	20.13	19.98	20.06	20.17		
10	16QAM	25	25	19.94	19.85	20.11	20.02	20.07		
10	16QAM	50	0	20.03	20.04	20.19	19.99	20.04		
10	64QAM	1	0	19.99	20.05	19.98	19.92	19.95	21.5	0.5
10	64QAM	1	25	19.86	19.99	20.03	19.91	20.01		
10	64QAM	1	49	19.97	19.98	20.10	19.93	20.12		
10	64QAM	25	0	19.15	19.12	19.12	19.02	19.05	20.5	1.5
10	64QAM	25	12	19.11	19.04	19.01	19.04	19.06		
10	64QAM	25	25	18.97	18.92	19.08	19.00	19.08		
10	64QAM	50	0	18.98	18.99	19.23	19.06	19.07		
10	256QAM	1	0	17.04	17.05	17.10	17.14	17.09	18.5	3.5
10	256QAM	1	25	16.95	17.07	16.97	17.03	17.08		
10	256QAM	1	49	16.96	16.94	17.08	16.96	17.12		
10	256QAM	25	0	16.94	17.00	17.06	17.00	17.10	18.5	3.5
10	256QAM	25	12	16.93	17.03	16.98	17.03	16.96		
10	256QAM	25	25	16.95	17.12	16.98	17.06	16.97		
10	256QAM	50	0	16.88	17.01	17.08	16.87	17.06		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.59	20.53	20.65	20.59	20.55	22.00	0
5	QPSK	1	12	20.58	20.59	20.52	20.57	20.61		
5	QPSK	1	24	20.51	20.50	20.58	20.44	20.59		
5	QPSK	12	0	20.56	20.51	20.60	20.50	20.52	22	0
5	QPSK	12	7	20.43	20.58	20.56	20.41	20.53		
5	QPSK	12	13	20.50	20.56	20.59	20.46	20.50		
5	QPSK	25	0	20.47	20.55	20.61	20.44	20.56		
5	16QAM	1	0	20.54	20.48	20.49	20.48	20.60	22	0
5	16QAM	1	12	20.47	20.41	20.42	20.45	20.48		
5	16QAM	1	24	20.34	20.40	20.51	20.39	20.54		
5	16QAM	12	0	20.05	20.07	20.16	20.10	20.13	21.5	0.5
5	16QAM	12	7	20.06	20.13	19.92	20.01	20.09		
5	16QAM	12	13	19.94	19.90	20.10	20.00	20.05		
5	16QAM	25	0	19.93	20.05	20.09	20.03	20.09		
5	64QAM	1	0	20.01	19.99	19.98	19.87	19.98	21.5	0.5
5	64QAM	1	12	19.94	20.04	20.05	19.92	20.04		
5	64QAM	1	24	19.93	20.04	20.14	19.92	20.10		
5	64QAM	12	0	19.16	19.10	19.18	19.04	19.03	20.5	1.5
5	64QAM	12	7	19.09	19.09	19.03	19.02	19.06		
5	64QAM	12	13	18.99	18.93	19.10	19.03	19.04		
5	64QAM	25	0	19.06	19.10	19.22	18.97	19.15		
5	256QAM	1	0	17.10	17.01	17.10	17.05	17.09	18.5	3.5
5	256QAM	1	12	16.95	17.00	16.97	17.05	17.09		
5	256QAM	1	24	16.92	16.87	17.04	17.03	17.09		
5	256QAM	12	0	17.01	16.94	17.09	16.92	17.08	18.5	3.5
5	256QAM	12	7	17.04	17.04	16.93	16.97	16.91		
5	256QAM	12	13	16.93	17.07	17.00	16.99	17.02		
5	256QAM	25	0	16.87	17.07	16.99	16.92	17.09		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.60	19.63	19.62	20.2	0
20	QPSK	1	49	19.46	19.59	19.49		
20	QPSK	1	99	19.54	19.61	19.53		
20	QPSK	50	0	19.50	19.61	19.56	20.2	0
20	QPSK	50	24	19.34	19.47	19.41		
20	QPSK	50	50	19.47	19.49	19.47		
20	QPSK	100	0	19.50	19.59	19.58		
20	16QAM	1	0	19.52	19.55	19.55	20.2	0
20	16QAM	1	49	19.32	19.55	19.44		
20	16QAM	1	99	19.48	19.49	19.50		
20	16QAM	50	0	19.38	19.48	19.50	20.2	0
20	16QAM	50	24	19.28	19.43	19.35		
20	16QAM	50	50	19.35	19.44	19.38		
20	16QAM	100	0	19.38	19.56	19.55		
20	64QAM	1	0	19.53	19.54	19.57	20.2	0
20	64QAM	1	49	19.43	19.45	19.45		
20	64QAM	1	99	19.46	19.49	19.49		
20	64QAM	50	0	19.47	19.54	19.51	20.2	0
20	64QAM	50	24	19.31	19.33	19.33		
20	64QAM	50	50	19.44	19.43	19.41		
20	64QAM	100	0	19.37	19.49	19.50		
20	256QAM	1	0	19.55	19.54	19.51	20.2	0
20	256QAM	1	49	19.32	19.47	19.40		
20	256QAM	1	99	19.49	19.59	19.39		
20	256QAM	50	0	19.36	19.53	19.50	20.2	0
20	256QAM	50	24	19.23	19.39	19.27		
20	256QAM	50	50	19.34	19.45	19.39		
20	256QAM	100	0	19.41	19.49	19.46		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.57	19.51	19.52	20.2	0
15	QPSK	1	37	19.43	19.53	19.40		
15	QPSK	1	74	19.46	19.51	19.42		
15	QPSK	36	0	19.47	19.51	19.51	20.2	0
15	QPSK	36	20	19.31	19.40	19.30		
15	QPSK	36	39	19.45	19.39	19.36		
15	QPSK	75	0	19.43	19.56	19.54		
15	16QAM	1	0	19.48	19.49	19.49	20.2	0
15	16QAM	1	37	19.18	19.48	19.39		
15	16QAM	1	74	19.43	19.41	19.38		
15	16QAM	36	0	19.33	19.41	19.38	20.2	0
15	16QAM	36	20	19.15	19.41	19.29		
15	16QAM	36	39	19.22	19.41	19.29		
15	16QAM	75	0	19.32	19.45	19.47		
15	64QAM	1	0	19.43	19.44	19.47	20.2	0
15	64QAM	1	37	19.40	19.36	19.32		
15	64QAM	1	74	19.33	19.39	19.44		
15	64QAM	36	0	19.42	19.51	19.46	20.2	0
15	64QAM	36	20	19.25	19.19	19.23		
15	64QAM	36	39	19.41	19.40	19.30		
15	64QAM	75	0	19.34	19.35	19.40		
15	256QAM	1	0	19.43	19.43	19.40	20.2	0
15	256QAM	1	37	19.21	19.38	19.34		
15	256QAM	1	74	19.46	19.55	19.29		
15	256QAM	36	0	19.26	19.50	19.45	20.2	0
15	256QAM	36	20	19.16	19.33	19.23		
15	256QAM	36	39	19.27	19.37	19.35		
15	256QAM	75	0	19.28	19.36	19.34		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.46	19.51	19.50	20.2	0
10	QPSK	1	25	19.33	19.50	19.39		
10	QPSK	1	49	19.46	19.55	19.41		
10	QPSK	25	0	19.45	19.58	19.50	20.2	0
10	QPSK	25	12	19.25	19.40	19.34		
10	QPSK	25	25	19.40	19.38	19.42		
10	QPSK	50	0	19.47	19.54	19.46		
10	16QAM	1	0	19.41	19.47	19.44	20.2	0
10	16QAM	1	25	19.25	19.45	19.40		
10	16QAM	1	49	19.46	19.41	19.48		
10	16QAM	25	0	19.31	19.40	19.46	20.2	0
10	16QAM	25	12	19.26	19.39	19.23		
10	16QAM	25	25	19.22	19.37	19.24		
10	16QAM	50	0	19.28	19.43	19.49		
10	64QAM	1	0	19.47	19.43	19.44	20.2	0
10	64QAM	1	25	19.32	19.32	19.31		
10	64QAM	1	49	19.41	19.44	19.36		
10	64QAM	25	0	19.35	19.41	19.42	20.2	0
10	64QAM	25	12	19.18	19.29	19.24		
10	64QAM	25	25	19.31	19.40	19.34		
10	64QAM	50	0	19.29	19.37	19.41		
10	256QAM	1	0	19.45	19.46	19.44	20.2	0
10	256QAM	1	25	19.20	19.42	19.29		
10	256QAM	1	49	19.42	19.49	19.37		
10	256QAM	25	0	19.30	19.48	19.39	20.2	0
10	256QAM	25	12	19.20	19.29	19.16		
10	256QAM	25	25	19.27	19.32	19.33		
10	256QAM	50	0	19.35	19.38	19.35		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.54	19.50	19.52	20.2	0
5	QPSK	1	12	19.42	19.49	19.46		
5	QPSK	1	24	19.45	19.54	19.48		
5	QPSK	12	0	19.44	19.51	19.52	20.2	0
5	QPSK	12	7	19.23	19.41	19.33		
5	QPSK	12	13	19.35	19.36	19.44		
5	QPSK	25	0	19.39	19.49	19.52		
5	16QAM	1	0	19.42	19.45	19.46	20.2	0
5	16QAM	1	12	19.26	19.53	19.39		
5	16QAM	1	24	19.45	19.42	19.44		
5	16QAM	12	0	19.26	19.40	19.42	20.2	0
5	16QAM	12	7	19.26	19.40	19.27		
5	16QAM	12	13	19.31	19.32	19.28		
5	16QAM	25	0	19.28	19.51	19.52		
5	64QAM	1	0	19.41	19.48	19.54	20.2	0
5	64QAM	1	12	19.40	19.33	19.34		
5	64QAM	1	24	19.41	19.45	19.44		
5	64QAM	12	0	19.45	19.46	19.48	20.2	0
5	64QAM	12	7	19.17	19.21	19.19		
5	64QAM	12	13	19.30	19.30	19.32		
5	64QAM	25	0	19.29	19.37	19.47		
5	256QAM	1	0	19.47	19.43	19.47	20.2	0
5	256QAM	1	12	19.22	19.42	19.27		
5	256QAM	1	24	19.36	19.46	19.30		
5	256QAM	12	0	19.27	19.49	19.41	20.2	0
5	256QAM	12	7	19.14	19.28	19.15		
5	256QAM	12	13	19.29	19.35	19.33		
5	256QAM	25	0	19.36	19.36	19.41		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.62	20.70	20.66	20.54	21.2	0
20	QPSK	1	49	20.51	20.66	20.58	20.45		
20	QPSK	1	99	20.60	20.65	20.60	20.44		
20	QPSK	50	0	20.52	20.67	20.62	20.46	21.2	0
20	QPSK	50	24	20.37	20.55	20.45	20.37		
20	QPSK	50	50	20.51	20.60	20.50	20.36		
20	QPSK	100	0	20.60	20.65	20.56	20.42		
20	16QAM	1	0	20.58	20.62	20.54	20.44	21.2	0
20	16QAM	1	49	20.46	20.52	20.45	20.34		
20	16QAM	1	99	20.53	20.58	20.48	20.40		
20	16QAM	50	0	20.44	20.54	20.60	20.40	21.2	0
20	16QAM	50	24	20.23	20.42	20.43	20.24		
20	16QAM	50	50	20.41	20.57	20.43	20.32		
20	16QAM	100	0	20.52	20.60	20.48	20.40		
20	64QAM	1	0	20.52	20.64	20.57	20.47	21.2	0
20	64QAM	1	49	20.45	20.53	20.54	20.32		
20	64QAM	1	99	20.55	20.63	20.54	20.32		
20	64QAM	50	0	20.48	20.58	20.55	20.36	21.2	0
20	64QAM	50	24	20.32	20.41	20.43	20.29		
20	64QAM	50	50	20.42	20.52	20.44	20.34		
20	64QAM	100	0	20.58	20.61	20.52	20.38		
20	256QAM	1	0	20.12	20.15	20.19	19.99	20.7	0.5
20	256QAM	1	49	20.03	20.16	20.04	19.93		
20	256QAM	1	99	20.08	20.20	20.16	19.89		
20	256QAM	50	0	20.01	20.17	20.07	19.97	20.7	0.5
20	256QAM	50	24	19.84	20.06	19.92	19.82		
20	256QAM	50	50	20.03	20.11	20.04	19.80		
20	256QAM	100	0	20.07	20.13	20.09	19.95		
Channel				55315	55820	56160	56665	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.50	20.63	20.54	20.40	21.2	0
15	QPSK	1	37	20.44	20.58	20.50	20.31		
15	QPSK	1	74	20.46	20.55	20.46	20.36		
15	QPSK	36	0	20.47	20.63	20.57	20.43	21.2	0
15	QPSK	36	20	20.32	20.48	20.38	20.31		
15	QPSK	36	39	20.42	20.50	20.44	20.33		
15	QPSK	75	0	20.48	20.51	20.47	20.35		
15	16QAM	1	0	20.46	20.56	20.50	20.30	21.2	0
15	16QAM	1	37	20.43	20.42	20.33	20.24		
15	16QAM	1	74	20.48	20.45	20.39	20.28		
15	16QAM	36	0	20.41	20.43	20.48	20.29	21.2	0
15	16QAM	36	20	20.10	20.30	20.37	20.16		
15	16QAM	36	39	20.35	20.51	20.34	20.21		
15	16QAM	75	0	20.39	20.48	20.41	20.35		
15	64QAM	1	0	20.45	20.53	20.48	20.44	21.2	0
15	64QAM	1	37	20.35	20.47	20.41	20.22		
15	64QAM	1	74	20.44	20.52	20.48	20.24		
15	64QAM	36	0	20.39	20.56	20.44	20.26	21.2	0
15	64QAM	36	20	20.29	20.33	20.39	20.21		
15	64QAM	36	39	20.35	20.41	20.38	20.22		
15	64QAM	75	0	20.55	20.47	20.44	20.30		
15	256QAM	1	0	20.10	20.10	20.15	19.97	20.7	0.5
15	256QAM	1	37	19.95	20.03	19.99	19.88		
15	256QAM	1	74	19.99	20.12	20.13	19.79		
15	256QAM	36	0	19.95	20.13	19.94	19.89	20.7	0.5
15	256QAM	36	20	19.71	19.95	19.82	19.75		
15	256QAM	36	39	19.95	19.99	19.98	19.68		
15	256QAM	75	0	19.95	20.09	19.96	19.81		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.54	20.62	20.61	20.43	21.2	0
10	QPSK	1	25	20.38	20.62	20.46	20.41		
10	QPSK	1	49	20.50	20.60	20.51	20.33		
10	QPSK	25	0	20.46	20.61	20.53	20.39	21.2	0
10	QPSK	25	12	20.23	20.45	20.42	20.35		
10	QPSK	25	25	20.46	20.54	20.43	20.27		
10	QPSK	50	0	20.48	20.61	20.49	20.34		
10	16QAM	1	0	20.51	20.58	20.50	20.31	21.2	0
10	16QAM	1	25	20.41	20.40	20.37	20.28		
10	16QAM	1	49	20.41	20.46	20.40	20.31		
10	16QAM	25	0	20.30	20.48	20.47	20.32	21.2	0
10	16QAM	25	12	20.16	20.34	20.40	20.15		
10	16QAM	25	25	20.30	20.43	20.39	20.20		
10	16QAM	50	0	20.39	20.55	20.44	20.32		
10	64QAM	1	0	20.40	20.60	20.49	20.35	21.2	0
10	64QAM	1	25	20.32	20.47	20.41	20.28		
10	64QAM	1	49	20.44	20.54	20.40	20.19		
10	64QAM	25	0	20.41	20.52	20.42	20.33	21.2	0
10	64QAM	25	12	20.30	20.36	20.38	20.22		
10	64QAM	25	25	20.33	20.48	20.34	20.22		
10	64QAM	50	0	20.45	20.56	20.43	20.33		
10	256QAM	1	0	20.05	20.07	20.16	19.93	20.7	0.5
10	256QAM	1	25	19.96	20.03	19.98	19.87		
10	256QAM	1	49	19.94	20.12	20.10	19.82		
10	256QAM	25	0	19.97	20.11	19.93	19.85	20.7	0.5
10	256QAM	25	12	19.71	19.94	19.84	19.69		
10	256QAM	25	25	19.99	20.03	19.96	19.73		
10	256QAM	50	0	19.96	20.11	20.05	19.86		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.50	20.60	20.57	20.48	21.2	0
5	QPSK	1	12	20.45	20.62	20.49	20.37		
5	QPSK	1	24	20.55	20.60	20.54	20.32		
5	QPSK	12	0	20.45	20.60	20.52	20.44	21.2	0
5	QPSK	12	7	20.27	20.47	20.42	20.34		
5	QPSK	12	13	20.42	20.53	20.36	20.31		
5	QPSK	25	0	20.54	20.57	20.51	20.35		
5	16QAM	1	0	20.46	20.52	20.43	20.38	21.2	0
5	16QAM	1	12	20.42	20.49	20.39	20.28		
5	16QAM	1	24	20.48	20.46	20.42	20.27		
5	16QAM	12	0	20.40	20.48	20.52	20.37	21.2	0
5	16QAM	12	7	20.15	20.38	20.34	20.20		
5	16QAM	12	13	20.28	20.50	20.40	20.23		
5	16QAM	25	0	20.43	20.50	20.43	20.26		
5	64QAM	1	0	20.49	20.53	20.45	20.33	21.2	0
5	64QAM	1	12	20.37	20.47	20.43	20.19		
5	64QAM	1	24	20.43	20.55	20.42	20.23		
5	64QAM	12	0	20.46	20.53	20.41	20.31	21.2	0
5	64QAM	12	7	20.24	20.37	20.39	20.19		
5	64QAM	12	13	20.33	20.48	20.41	20.21		
5	64QAM	25	0	20.48	20.56	20.41	20.24		
5	256QAM	1	0	20.00	20.03	20.06	19.92	20.7	0.5
5	256QAM	1	12	19.96	20.02	19.97	19.89		
5	256QAM	1	24	20.05	20.12	20.02	19.81		
5	256QAM	12	0	19.98	20.07	19.94	19.88	20.7	0.5
5	256QAM	12	7	19.78	19.99	19.82	19.76		
5	256QAM	12	13	19.99	20.08	19.92	19.70		
5	256QAM	25	0	19.97	20.05	19.96	19.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.15	20.16	20.10	21.5	0
20	QPSK	1	49	19.99	20.13	20.02		
20	QPSK	1	99	20.07	20.08	20.07		
20	QPSK	50	0	20.08	20.12	20.06	21.5	0
20	QPSK	50	24	19.85	20.04	19.97		
20	QPSK	50	50	20.00	20.01	20.02		
20	QPSK	100	0	20.08	20.09	20.02		
20	16QAM	1	0	20.04	20.06	20.06	21.5	0
20	16QAM	1	49	19.95	20.03	19.97		
20	16QAM	1	99	20.02	19.97	19.97		
20	16QAM	50	0	20.01	20.01	20.03	21.5	0
20	16QAM	50	24	19.76	20.00	19.90		
20	16QAM	50	50	19.86	19.87	19.90		
20	16QAM	100	0	20.05	20.00	19.89		
20	64QAM	1	0	20.07	20.08	20.00	21.5	0
20	64QAM	1	49	19.91	20.09	19.98		
20	64QAM	1	99	20.05	19.94	20.05		
20	64QAM	50	0	19.95	20.07	20.01	21.5	0
20	64QAM	50	24	19.82	19.98	19.87		
20	64QAM	50	50	19.88	19.94	20.00		
20	64QAM	100	0	19.97	20.07	19.97		
20	256QAM	1	0	19.18	19.19	19.13	20.5	1
20	256QAM	1	49	19.03	19.09	18.98		
20	256QAM	1	99	19.10	19.09	19.10		
20	256QAM	50	0	19.08	19.18	19.09	20.5	1
20	256QAM	50	24	18.84	19.03	18.97		
20	256QAM	50	50	19.06	19.06	19.02		
20	256QAM	100	0	19.11	19.05	19.07		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.03	20.14	20.06	21.5	0
15	QPSK	1	37	19.89	19.99	19.89		
15	QPSK	1	74	19.96	19.96	19.97		
15	QPSK	36	0	20.02	19.99	19.93	21.5	0
15	QPSK	36	20	19.73	19.94	19.95		
15	QPSK	36	39	19.97	19.97	19.89		
15	QPSK	75	0	20.01	19.96	19.92		
15	16QAM	1	0	19.98	20.00	19.96	21.5	0
15	16QAM	1	37	19.90	20.01	19.89		
15	16QAM	1	74	19.93	19.91	19.88		
15	16QAM	36	0	19.93	19.96	19.91	21.5	0
15	16QAM	36	20	19.73	19.96	19.81		
15	16QAM	36	39	19.75	19.78	19.80		
15	16QAM	75	0	19.94	19.89	19.87		
15	64QAM	1	0	19.97	20.03	19.94	21.5	0
15	64QAM	1	37	19.80	20.04	19.89		
15	64QAM	1	74	19.96	19.88	19.91		
15	64QAM	36	0	19.86	19.95	19.96	21.5	0
15	64QAM	36	20	19.78	19.93	19.74		
15	64QAM	36	39	19.84	19.83	19.94		
15	64QAM	75	0	19.91	19.98	19.88		
15	256QAM	1	0	19.06	19.12	19.00	20.5	1
15	256QAM	1	37	18.95	19.06	18.93		
15	256QAM	1	74	18.97	19.03	18.99		
15	256QAM	36	0	19.02	19.10	19.00	20.5	1
15	256QAM	36	20	18.74	18.95	18.92		
15	256QAM	36	39	19.00	18.93	18.93		
15	256QAM	75	0	19.05	18.98	18.97		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.10	20.12	20.03	21.5	0
10	QPSK	1	25	19.85	20.10	19.98		
10	QPSK	1	49	19.93	20.01	19.97		
10	QPSK	25	0	19.99	20.01	19.98	21.5	0
10	QPSK	25	12	19.75	19.92	19.87		
10	QPSK	25	25	19.89	19.91	19.93		
10	QPSK	50	0	19.97	20.01	19.95		
10	16QAM	1	0	19.92	20.00	19.92	21.5	0
10	16QAM	1	25	19.88	20.01	19.93		
10	16QAM	1	49	19.93	19.90	19.85		
10	16QAM	25	0	19.89	19.90	19.94	21.5	0
10	16QAM	25	12	19.72	19.98	19.77		
10	16QAM	25	25	19.72	19.74	19.78		
10	16QAM	50	0	19.93	19.91	19.80		
10	64QAM	1	0	20.03	19.94	19.98	21.5	0
10	64QAM	1	25	19.80	20.07	19.89		
10	64QAM	1	49	19.96	19.85	19.98		
10	64QAM	25	0	19.90	20.04	19.87	21.5	0
10	64QAM	25	12	19.75	19.86	19.75		
10	64QAM	25	25	19.84	19.89	19.95		
10	64QAM	50	0	19.86	20.04	19.87		
10	256QAM	1	0	19.08	19.10	19.01	20.5	1
10	256QAM	1	25	18.95	18.96	18.92		
10	256QAM	1	49	19.06	19.03	19.04		
10	256QAM	25	0	19.03	19.09	19.03	20.5	1
10	256QAM	25	12	18.77	18.96	18.86		
10	256QAM	25	25	19.01	19.00	18.89		
10	256QAM	50	0	19.04	18.91	19.01		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.12	20.05	19.98	21.5	0
5	QPSK	1	12	19.96	20.11	19.89		
5	QPSK	1	24	19.98	20.02	19.99		
5	QPSK	12	0	20.03	20.00	20.01	21.5	0
5	QPSK	12	7	19.71	19.98	19.85		
5	QPSK	12	13	19.95	19.91	19.94		
5	QPSK	25	0	19.97	20.01	19.93		
5	16QAM	1	0	19.90	20.02	19.96	21.5	0
5	16QAM	1	12	19.82	19.97	19.84		
5	16QAM	1	24	19.94	19.93	19.87		
5	16QAM	12	0	19.95	19.99	19.89	21.5	0
5	16QAM	12	7	19.70	19.86	19.78		
5	16QAM	12	13	19.79	19.80	19.87		
5	16QAM	25	0	19.93	19.89	19.84		
5	64QAM	1	0	20.00	20.03	19.96	21.5	0
5	64QAM	1	12	19.80	20.02	19.85		
5	64QAM	1	24	20.03	19.91	19.94		
5	64QAM	12	0	19.91	20.02	19.96	21.5	0
5	64QAM	12	7	19.79	19.93	19.76		
5	64QAM	12	13	19.79	19.90	19.97		
5	64QAM	25	0	19.88	19.96	19.87		
5	256QAM	1	0	19.07	19.06	19.08	20.5	1
5	256QAM	1	12	18.99	19.01	18.90		
5	256QAM	1	24	18.99	18.98	18.97		
5	256QAM	12	0	18.98	19.08	18.96	20.5	1
5	256QAM	12	7	18.80	18.97	18.90		
5	256QAM	12	13	18.93	18.93	18.94		
5	256QAM	25	0	19.03	18.98	19.04		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.06	20.17	20.11	20.08	21.5	0
20	QPSK	1	49	20.02	20.13	19.97	20.08		
20	QPSK	1	99	20.00	20.12	20.06	20.08		
20	QPSK	50	0	20.01	20.14	20.07	19.95	21.5	0
20	QPSK	50	24	19.96	20.09	19.85	19.97		
20	QPSK	50	50	19.91	20.03	20.01	20.04		
20	QPSK	100	0	19.99	20.10	20.05	19.94		
20	16QAM	1	0	20.00	20.09	19.97	20.01	21.5	0
20	16QAM	1	49	19.97	20.08	19.89	20.02		
20	16QAM	1	99	19.98	20.09	19.99	20.06		
20	16QAM	50	0	19.93	20.08	19.98	19.89	21.5	0
20	16QAM	50	24	19.92	20.05	19.71	19.89		
20	16QAM	50	50	19.85	19.94	19.92	19.97		
20	16QAM	100	0	19.89	20.03	19.98	19.91		
20	64QAM	1	0	20.04	20.06	19.99	19.99	21.5	0
20	64QAM	1	49	20.00	20.01	19.95	20.03		
20	64QAM	1	99	19.96	20.01	19.93	19.98		
20	64QAM	50	0	19.89	20.07	20.01	19.88	21.5	0
20	64QAM	50	24	19.90	19.98	19.74	19.87		
20	64QAM	50	50	19.82	19.94	19.98	19.90		
20	64QAM	100	0	19.92	20.01	20.02	19.84		
20	256QAM	1	0	19.08	19.15	19.13	19.10	20.5	1
20	256QAM	1	49	19.01	19.09	19.02	19.13		
20	256QAM	1	99	19.03	19.13	19.01	19.02		
20	256QAM	50	0	19.06	19.14	19.12	18.96	20.5	1
20	256QAM	50	24	18.96	19.09	18.87	18.99		
20	256QAM	50	50	18.94	19.00	19.00	19.00		
20	256QAM	100	0	18.99	19.12	19.10	18.99		
Channel				55315	55820	56160	56665	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.98	20.10	20.08	19.95	21.5	0
15	QPSK	1	37	19.97	20.07	19.88	19.97		
15	QPSK	1	74	19.90	20.01	19.97	19.95		
15	QPSK	36	0	19.98	20.02	20.04	19.91	21.5	0
15	QPSK	36	20	19.93	20.01	19.82	19.85		
15	QPSK	36	39	19.82	19.96	19.99	20.00		
15	QPSK	75	0	19.90	20.07	19.98	19.91		
15	16QAM	1	0	19.95	20.00	19.84	19.93	21.5	0
15	16QAM	1	37	19.92	19.98	19.84	19.89		
15	16QAM	1	74	19.96	20.06	19.88	19.96		
15	16QAM	36	0	19.90	20.00	19.93	19.78	21.5	0
15	16QAM	36	20	19.83	20.03	19.62	19.84		
15	16QAM	36	39	19.81	19.86	19.89	19.87		
15	16QAM	75	0	19.85	19.94	19.86	19.85		
15	64QAM	1	0	19.96	20.04	19.95	19.92	21.5	0
15	64QAM	1	37	19.86	19.94	19.85	19.94		
15	64QAM	1	74	19.86	19.92	19.81	19.91		
15	64QAM	36	0	19.78	19.96	19.90	19.79	21.5	0
15	64QAM	36	20	19.84	19.95	19.64	19.80		
15	64QAM	36	39	19.70	19.91	19.86	19.78		
15	64QAM	75	0	19.83	19.92	19.95	19.74		
15	256QAM	1	0	19.04	19.04	19.09	18.99	20.5	1
15	256QAM	1	37	18.96	19.04	18.89	19.02		
15	256QAM	1	74	18.93	19.03	18.89	18.97		
15	256QAM	36	0	18.99	19.11	19.06	18.92	20.5	1
15	256QAM	36	20	18.93	18.98	18.85	18.96		
15	256QAM	36	39	18.85	18.89	18.92	18.96		
15	256QAM	75	0	18.87	19.04	19.03	18.92		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.96	20.13	19.97	20.03	21.5	0
10	QPSK	1	25	19.98	20.05	19.91	19.98		
10	QPSK	1	49	19.94	20.07	19.95	19.96		
10	QPSK	25	0	19.87	20.00	20.00	19.82	21.5	0
10	QPSK	25	12	19.93	20.04	19.74	19.92		
10	QPSK	25	25	19.82	19.93	19.95	20.02		
10	QPSK	50	0	19.91	20.02	19.99	19.83		
10	16QAM	1	0	19.97	20.02	19.84	19.90	21.5	0
10	16QAM	1	25	19.90	19.97	19.85	19.97		
10	16QAM	1	49	19.86	20.05	19.90	19.92		
10	16QAM	25	0	19.80	19.95	19.89	19.85	21.5	0
10	16QAM	25	12	19.78	20.00	19.66	19.82		
10	16QAM	25	25	19.81	19.88	19.81	19.89		
10	16QAM	50	0	19.79	19.92	19.91	19.78		
10	64QAM	1	0	19.92	19.98	19.89	19.93	21.5	0
10	64QAM	1	25	19.92	19.91	19.87	19.96		
10	64QAM	1	49	19.91	19.95	19.81	19.92		
10	64QAM	25	0	19.81	20.03	19.97	19.84	21.5	0
10	64QAM	25	12	19.78	19.87	19.62	19.74		
10	64QAM	25	25	19.69	19.88	19.94	19.87		
10	64QAM	50	0	19.78	19.93	19.90	19.74		
10	256QAM	1	0	19.03	19.09	19.09	19.05	20.5	1
10	256QAM	1	25	18.93	19.00	19.00	19.07		
10	256QAM	1	49	18.93	19.07	18.87	18.91		
10	256QAM	25	0	18.97	19.07	19.01	18.87	20.5	1
10	256QAM	25	12	18.92	18.97	18.78	18.87		
10	256QAM	25	25	18.90	18.91	18.91	18.90		
10	256QAM	50	0	18.91	19.00	19.00	18.96		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.98	20.13	20.03	20.00	21.5	0
5	QPSK	1	12	19.93	20.01	19.86	20.02		
5	QPSK	1	24	19.87	20.00	19.99	19.99		
5	QPSK	12	0	19.92	20.08	20.00	19.90	21.5	0
5	QPSK	12	7	19.93	20.05	19.79	19.89		
5	QPSK	12	13	19.86	19.95	19.98	20.02		
5	QPSK	25	0	19.91	20.08	19.99	19.82		
5	16QAM	1	0	19.94	19.95	19.84	19.94	21.5	0
5	16QAM	1	12	19.88	20.03	19.75	19.98		
5	16QAM	1	24	19.90	19.97	19.92	20.01		
5	16QAM	12	0	19.86	20.01	19.90	19.83	21.5	0
5	16QAM	12	7	19.86	19.97	19.57	19.85		
5	16QAM	12	13	19.81	19.91	19.78	19.84		
5	16QAM	25	0	19.80	19.91	19.90	19.82		
5	64QAM	1	0	19.96	19.95	19.88	19.96	21.5	0
5	64QAM	1	12	19.89	19.91	19.91	19.93		
5	64QAM	1	24	19.83	19.92	19.89	19.92		
5	64QAM	12	0	19.76	19.97	19.89	19.75	21.5	0
5	64QAM	12	7	19.88	19.91	19.63	19.80		
5	64QAM	12	13	19.75	19.87	19.89	19.79		
5	64QAM	25	0	19.81	19.87	19.90	19.72		
5	256QAM	1	0	18.95	19.11	19.00	19.07	20.5	1
5	256QAM	1	12	18.90	18.96	18.93	19.05		
5	256QAM	1	24	18.95	19.04	18.97	18.95		
5	256QAM	12	0	18.96	19.01	18.99	18.83	20.5	1
5	256QAM	12	7	18.86	18.96	18.83	18.87		
5	256QAM	12	13	18.84	18.89	18.89	18.90		
5	256QAM	25	0	18.86	19.01	19.04	18.92		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.31	20.34	20.28	22	0
20	QPSK	1	49	20.16	20.22	20.16		
20	QPSK	1	99	20.21	20.25	20.20		
20	QPSK	50	0	20.18	20.29	20.18	22	0
20	QPSK	50	24	20.02	20.20	20.09		
20	QPSK	50	50	20.17	20.14	20.16		
20	QPSK	100	0	20.21	20.27	20.24		
20	16QAM	1	0	20.19	20.25	20.23	22	0
20	16QAM	1	49	20.09	20.14	20.04		
20	16QAM	1	99	20.08	20.19	20.14		
20	16QAM	50	0	20.09	20.22	20.13	22	0
20	16QAM	50	24	19.98	20.14	20.05		
20	16QAM	50	50	20.09	20.00	20.07		
20	16QAM	100	0	20.09	20.21	20.13		
20	64QAM	1	0	20.21	20.24	20.25	22	0
20	64QAM	1	49	20.03	20.17	20.09		
20	64QAM	1	99	20.09	20.12	20.14		
20	64QAM	50	0	20.10	20.26	20.14	22	0
20	64QAM	50	24	19.94	20.15	19.99		
20	64QAM	50	50	20.12	20.04	20.02		
20	64QAM	100	0	20.12	20.13	20.11		
20	256QAM	1	0	18.31	18.30	18.23	20	2
20	256QAM	1	49	18.14	18.16	18.14		
20	256QAM	1	99	18.26	18.30	18.18		
20	256QAM	50	0	18.20	18.33	18.16	20	2
20	256QAM	50	24	18.07	18.19	18.13		
20	256QAM	50	50	18.23	18.17	18.16		
20	256QAM	100	0	18.20	18.26	18.20		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.28	20.23	20.22	22	0
15	QPSK	1	37	20.12	20.08	20.09		
15	QPSK	1	74	20.17	20.22	20.08		
15	QPSK	36	0	20.08	20.21	20.11	22	0
15	QPSK	36	20	19.99	20.13	20.01		
15	QPSK	36	39	20.10	20.12	20.07		
15	QPSK	75	0	20.12	20.25	20.22		
15	16QAM	1	0	20.16	20.19	20.13	22	0
15	16QAM	1	37	19.99	20.08	19.96		
15	16QAM	1	74	20.04	20.11	20.07		
15	16QAM	36	0	20.02	20.12	20.03	22	0
15	16QAM	36	20	19.91	20.11	19.99		
15	16QAM	36	39	20.02	19.95	19.97		
15	16QAM	75	0	20.05	20.15	20.10		
15	64QAM	1	0	20.17	20.19	20.12	22	0
15	64QAM	1	37	19.91	20.08	20.07		
15	64QAM	1	74	20.00	20.10	20.10		
15	64QAM	36	0	19.96	20.20	20.03	22	0
15	64QAM	36	20	19.91	20.05	19.94		
15	64QAM	36	39	19.98	19.95	19.92		
15	64QAM	75	0	20.06	20.06	19.97		
15	256QAM	1	0	18.25	18.21	18.12	20	2
15	256QAM	1	37	18.03	18.07	18.11		
15	256QAM	1	74	18.23	18.26	18.11		
15	256QAM	36	0	18.09	18.31	18.04	20	2
15	256QAM	36	20	17.98	18.15	18.01		
15	256QAM	36	39	18.13	18.05	18.11		
15	256QAM	75	0	18.11	18.24	18.10		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.20	20.27	20.22	22	0
10	QPSK	1	25	20.04	20.19	20.08		
10	QPSK	1	49	20.14	20.15	20.10		
10	QPSK	25	0	20.10	20.26	20.15	22	0
10	QPSK	25	12	19.99	20.09	19.97		
10	QPSK	25	25	20.06	20.00	20.11		
10	QPSK	50	0	20.15	20.14	20.19		
10	16QAM	1	0	20.16	20.17	20.11	22	0
10	16QAM	1	25	20.06	20.06	19.96		
10	16QAM	1	49	20.02	20.13	20.10		
10	16QAM	25	0	20.05	20.18	20.00	22	0
10	16QAM	25	12	19.84	20.10	19.94		
10	16QAM	25	25	20.06	19.90	20.05		
10	16QAM	50	0	19.96	20.14	20.02		
10	64QAM	1	0	20.19	20.12	20.11	22	0
10	64QAM	1	25	19.97	20.13	20.02		
10	64QAM	1	49	19.97	20.10	20.00		
10	64QAM	25	0	20.02	20.21	20.11	22	0
10	64QAM	25	12	19.82	20.09	19.86		
10	64QAM	25	25	20.02	19.95	19.95		
10	64QAM	50	0	20.09	20.06	20.07		
10	256QAM	1	0	18.25	18.23	18.17	20	2
10	256QAM	1	25	18.11	18.07	18.11		
10	256QAM	1	49	18.13	18.17	18.09		
10	256QAM	25	0	18.10	18.22	18.10	20	2
10	256QAM	25	12	18.00	18.15	18.10		
10	256QAM	25	25	18.15	18.05	18.06		
10	256QAM	50	0	18.17	18.21	18.15		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.19	20.31	20.25	22	0
5	QPSK	1	12	20.04	20.14	20.03		
5	QPSK	1	24	20.15	20.16	20.10		
5	QPSK	12	0	20.08	20.19	20.09	22	0
5	QPSK	12	7	19.95	20.14	20.02		
5	QPSK	12	13	20.11	20.00	20.10		
5	QPSK	25	0	20.07	20.24	20.12		
5	16QAM	1	0	20.13	20.19	20.16	22	0
5	16QAM	1	12	20.05	20.07	19.98		
5	16QAM	1	24	19.99	20.07	20.11		
5	16QAM	12	0	20.06	20.18	20.07	22	0
5	16QAM	12	7	19.95	20.10	19.92		
5	16QAM	12	13	20.01	19.92	19.97		
5	16QAM	25	0	20.05	20.13	20.07		
5	64QAM	1	0	20.14	20.11	20.18	22	0
5	64QAM	1	12	19.98	20.06	19.95		
5	64QAM	1	24	20.04	20.08	20.06		
5	64QAM	12	0	19.97	20.23	20.01	22	0
5	64QAM	12	7	19.87	20.05	19.95		
5	64QAM	12	13	20.02	19.98	19.93		
5	64QAM	25	0	19.99	19.99	20.01		
5	256QAM	1	0	18.28	18.21	18.14	20	2
5	256QAM	1	12	18.07	18.08	18.08		
5	256QAM	1	24	18.19	18.18	18.15		
5	256QAM	12	0	18.13	18.25	18.09	20	2
5	256QAM	12	7	18.03	18.12	18.11		
5	256QAM	12	13	18.09	18.11	18.06		
5	256QAM	25	0	18.12	18.18	18.08		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.23	21.35	21.18	21.29	23	0
20	QPSK	1	49	21.15	21.30	21.21	21.19		
20	QPSK	1	99	21.32	21.19	21.28	21.18		
20	QPSK	50	0	21.17	21.30	21.15	21.16	23	0
20	QPSK	50	24	21.24	21.19	21.19	21.12		
20	QPSK	50	50	21.15	21.23	21.11	21.14		
20	QPSK	100	0	21.24	21.27	21.10	21.19		
20	16QAM	1	0	21.12	21.26	21.11	21.22	23	0
20	16QAM	1	49	21.08	21.22	21.08	21.11		
20	16QAM	1	99	21.22	21.16	21.17	21.09		
20	16QAM	50	0	21.10	21.18	21.06	21.11	23	0
20	16QAM	50	24	21.14	21.10	21.06	21.04		
20	16QAM	50	50	21.07	21.16	21.08	21.01		
20	16QAM	100	0	21.19	21.16	21.06	21.16		
20	64QAM	1	0	21.15	21.23	21.15	21.27	23	0
20	64QAM	1	49	21.03	21.18	21.16	21.09		
20	64QAM	1	99	21.26	21.10	21.24	21.10		
20	64QAM	50	0	20.20	20.32	20.20	20.28	22	1
20	64QAM	50	24	20.13	20.30	20.24	20.16		
20	64QAM	50	50	20.27	20.14	20.24	20.22		
20	64QAM	100	0	20.19	20.31	20.12	20.12		
20	256QAM	1	0	18.27	18.32	18.14	18.25	20	3
20	256QAM	1	49	18.12	18.26	18.21	18.15		
20	256QAM	1	99	18.26	18.18	18.29	18.13		
20	256QAM	50	0	18.20	18.26	18.17	18.11	20	3
20	256QAM	50	24	18.27	18.17	18.18	18.09		
20	256QAM	50	50	18.13	18.26	18.07	18.12		
20	256QAM	100	0	18.18	18.25	18.08	18.14		
Channel				55315	55820	56160	56865	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.16	21.34	21.19	21.26	23	0
15	QPSK	1	37	21.15	21.21	21.17	21.11		
15	QPSK	1	74	21.27	21.16	21.29	21.10		
15	QPSK	36	0	21.10	21.26	21.09	21.06	23	0
15	QPSK	36	20	21.24	21.10	21.15	21.06		
15	QPSK	36	39	21.09	21.22	21.10	21.11		
15	QPSK	75	0	21.16	21.20	21.02	21.11		
15	16QAM	1	0	21.06	21.17	21.08	21.20	23	0
15	16QAM	1	37	21.00	21.21	21.02	21.08		
15	16QAM	1	74	21.13	21.14	21.18	21.09		
15	16QAM	36	0	21.10	21.09	21.13	21.04	23	0
15	16QAM	36	20	21.14	21.06	21.06	21.02		
15	16QAM	36	39	21.04	21.15	21.09	21.15		
15	16QAM	75	0	21.18	21.17	21.01	21.13		
15	64QAM	1	0	21.11	21.16	21.15	21.23	23	0
15	64QAM	1	37	21.23	21.14	21.15	21.05		
15	64QAM	1	74	21.23	21.06	21.14	21.04		
15	64QAM	36	0	20.11	20.24	20.18	20.25	22	1
15	64QAM	36	20	20.03	20.30	20.17	20.09		
15	64QAM	36	39	20.17	20.04	20.18	20.22		
15	64QAM	75	0	20.18	20.29	20.08	20.12		
15	256QAM	1	0	18.21	18.22	18.15	18.20	20	3
15	256QAM	1	37	18.08	18.21	18.20	18.09		
15	256QAM	1	74	18.17	18.16	18.29	18.15		
15	256QAM	36	0	18.12	18.19	18.11	18.07	20	3
15	256QAM	36	20	18.21	18.14	18.14	18.01		
15	256QAM	36	39	18.11	18.19	18.02	18.03		
15	256QAM	75	0	18.18	18.17	18.01	18.11		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.24	21.27	21.17	21.24	23	0
10	QPSK	1	25	21.09	21.24	21.20	21.11		
10	QPSK	1	49	21.31	21.18	21.28	21.09		
10	QPSK	25	0	21.15	21.21	21.15	21.16	23	0
10	QPSK	25	12	21.24	21.18	21.12	21.13		
10	QPSK	25	25	21.13	21.16	21.12	21.05		
10	QPSK	50	0	21.23	21.25	21.00	21.13		
10	16QAM	1	0	21.07	21.21	21.12	21.17	23	0
10	16QAM	1	25	21.01	21.13	21.01	21.04		
10	16QAM	1	49	21.16	21.12	21.17	21.11		
10	16QAM	25	0	21.02	21.19	21.03	21.03	23	0
10	16QAM	25	12	21.14	21.04	21.19	21.11		
10	16QAM	25	25	21.07	21.11	21.00	21.00		
10	16QAM	50	0	21.19	21.18	21.05	21.06		
10	64QAM	1	0	21.13	21.25	21.06	21.28	23	0
10	64QAM	1	25	21.02	21.13	21.07	21.04		
10	64QAM	1	49	21.25	21.03	21.23	21.10		
10	64QAM	25	0	20.10	20.33	20.22	20.21	22	1
10	64QAM	25	12	20.12	20.31	20.18	20.15		
10	64QAM	25	25	20.19	20.11	20.17	20.18		
10	64QAM	50	0	20.20	20.32	20.12	20.13		
10	256QAM	1	0	18.28	18.32	18.07	18.21	20	3
10	256QAM	1	25	18.11	18.23	18.19	18.13		
10	256QAM	1	49	18.28	18.08	18.30	18.08		
10	256QAM	25	0	18.20	18.16	18.11	18.03	20	3
10	256QAM	25	12	18.28	18.09	18.11	18.09		
10	256QAM	25	25	18.07	18.18	18.11	18.12		
10	256QAM	50	0	18.14	18.26	18.06	18.08		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.24	21.32	21.18	21.28	23	0
5	QPSK	1	12	21.07	21.22	21.14	21.12		
5	QPSK	1	24	21.25	21.15	21.29	21.16		
5	QPSK	12	0	21.09	21.28	21.10	21.17	23	0
5	QPSK	12	7	21.18	21.15	21.09	21.08		
5	QPSK	12	13	21.09	21.18	21.10	21.12		
5	QPSK	25	0	21.16	21.18	21.03	21.11		
5	16QAM	1	0	21.08	21.26	21.02	21.23	23	0
5	16QAM	1	12	21.06	21.14	21.00	21.04		
5	16QAM	1	24	21.19	21.12	21.16	21.02		
5	16QAM	12	0	21.00	21.19	21.15	21.13	23	0
5	16QAM	12	7	21.15	21.05	21.02	21.04		
5	16QAM	12	13	21.08	21.16	21.01	21.13		
5	16QAM	25	0	21.11	21.12	21.00	21.12		
5	64QAM	1	0	21.15	21.16	21.16	21.23	23	0
5	64QAM	1	12	21.00	21.19	21.09	21.03		
5	64QAM	1	24	21.19	21.01	21.20	21.05		
5	64QAM	12	0	20.21	20.27	20.19	20.27	22	1
5	64QAM	12	7	20.04	20.25	20.19	20.09		
5	64QAM	12	13	20.24	20.07	20.26	20.12		
5	64QAM	25	0	20.19	20.28	20.07	20.06		
5	256QAM	1	0	18.21	18.22	18.12	18.18	20	3
5	256QAM	1	12	18.08	18.18	18.23	18.13		
5	256QAM	1	24	18.17	18.13	18.28	18.07		
5	256QAM	12	0	18.15	18.25	18.08	18.02	20	3
5	256QAM	12	7	18.26	18.13	18.18	18.01		
5	256QAM	12	13	18.09	18.23	18.03	18.07		
5	256QAM	25	0	18.18	18.22	18.00	18.13		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.62	17.69	17.67	19	0
20	QPSK	1	49	17.54	17.62	17.49		
20	QPSK	1	99	17.54	17.62	17.51		
20	QPSK	50	0	17.49	17.66	17.57	19	0
20	QPSK	50	24	17.48	17.52	17.38		
20	QPSK	50	50	17.40	17.49	17.39		
20	QPSK	100	0	17.54	17.65	17.54		
20	16QAM	1	0	17.50	17.64	17.63	19	0
20	16QAM	1	49	17.47	17.50	17.47		
20	16QAM	1	99	17.49	17.56	17.38		
20	16QAM	50	0	17.46	17.52	17.49	19	0
20	16QAM	50	24	17.36	17.43	17.31		
20	16QAM	50	50	17.35	17.35	17.36		
20	16QAM	100	0	17.43	17.55	17.40		
20	64QAM	1	0	17.59	17.63	17.63	19	0
20	64QAM	1	49	17.52	17.54	17.43		
20	64QAM	1	99	17.51	17.60	17.42		
20	64QAM	50	0	17.38	17.52	17.49	19	0
20	64QAM	50	24	17.42	17.46	17.36		
20	64QAM	50	50	17.35	17.42	17.28		
20	64QAM	100	0	17.48	17.55	17.50		
20	256QAM	1	0	17.48	17.61	17.58	19	0
20	256QAM	1	49	17.48	17.49	17.43		
20	256QAM	1	99	17.41	17.53	17.37		
20	256QAM	50	0	17.44	17.60	17.53	19	0
20	256QAM	50	24	17.42	17.40	17.27		
20	256QAM	50	50	17.33	17.43	17.34		
20	256QAM	100	0	17.44	17.53	17.51		
Channel				42165	42590	43015	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.50	17.64	17.63	19	0
15	QPSK	1	37	17.47	17.55	17.41		
15	QPSK	1	74	17.44	17.55	17.37		
15	QPSK	36	0	17.38	17.60	17.51	19	0
15	QPSK	36	20	17.39	17.47	17.33		
15	QPSK	36	39	17.31	17.39	17.34		
15	QPSK	75	0	17.42	17.60	17.46		
15	16QAM	1	0	17.43	17.51	17.52	19	0
15	16QAM	1	37	17.39	17.40	17.45		
15	16QAM	1	74	17.37	17.44	17.28		
15	16QAM	36	0	17.41	17.42	17.39	19	0
15	16QAM	36	20	17.29	17.33	17.20		
15	16QAM	36	39	17.22	17.33	17.31		
15	16QAM	75	0	17.30	17.50	17.36		
15	64QAM	1	0	17.46	17.60	17.60	19	0
15	64QAM	1	37	17.47	17.48	17.38		
15	64QAM	1	74	17.48	17.46	17.28		
15	64QAM	36	0	17.25	17.43	17.39	19	0
15	64QAM	36	20	17.33	17.40	17.22		
15	64QAM	36	39	17.27	17.30	17.26		
15	64QAM	75	0	17.40	17.51	17.44		
15	256QAM	1	0	17.42	17.48	17.48	19	0
15	256QAM	1	37	17.35	17.36	17.37		
15	256QAM	1	74	17.27	17.51	17.29		
15	256QAM	36	0	17.42	17.51	17.44	19	0
15	256QAM	36	20	17.33	17.27	17.13		
15	256QAM	36	39	17.29	17.38	17.26		
15	256QAM	75	0	17.42	17.44	17.39		
Channel				42140	42590	43040	Tune-up limit	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.57	17.65	17.57	19	0
10	QPSK	1	25	17.51	17.59	17.43		
10	QPSK	1	49	17.50	17.51	17.41		
10	QPSK	25	0	17.44	17.58	17.47	19	0
10	QPSK	25	12	17.45	17.39	17.33		
10	QPSK	25	25	17.33	17.44	17.32		
10	QPSK	50	0	17.46	17.52	17.44		
10	16QAM	1	0	17.41	17.52	17.57	19	0
10	16QAM	1	25	17.38	17.42	17.43		
10	16QAM	1	49	17.37	17.43	17.36		
10	16QAM	25	0	17.42	17.43	17.40	19	0
10	16QAM	25	12	17.33	17.38	17.23		
10	16QAM	25	25	17.27	17.24	17.26		
10	16QAM	50	0	17.40	17.50	17.34		
10	64QAM	1	0	17.56	17.54	17.59	19	0
10	64QAM	1	25	17.40	17.45	17.34		
10	64QAM	1	49	17.45	17.49	17.31		
10	64QAM	25	0	17.34	17.45	17.39	19	0
10	64QAM	25	12	17.32	17.35	17.30		
10	64QAM	25	25	17.32	17.29	17.17		
10	64QAM	50	0	17.42	17.48	17.44		
10	256QAM	1	0	17.46	17.55	17.51	19	0
10	256QAM	1	25	17.42	17.46	17.40		
10	256QAM	1	49	17.34	17.48	17.27		
10	256QAM	25	0	17.33	17.58	17.45	19	0
10	256QAM	25	12	17.39	17.29	17.22		
10	256QAM	25	25	17.27	17.30	17.21		
10	256QAM	50	0	17.41	17.49	17.47		
Channel				42115	42590	43065	Tune-up limit	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.60	17.59	17.65	19	0
5	QPSK	1	12	17.52	17.51	17.44		
5	QPSK	1	24	17.44	17.59	17.49		
5	QPSK	12	0	17.36	17.53	17.48	19	0
5	QPSK	12	7	17.46	17.47	17.25		
5	QPSK	12	13	17.33	17.39	17.33		
5	QPSK	25	0	17.51	17.60	17.41		
5	16QAM	1	0	17.46	17.56	17.52	19	0
5	16QAM	1	12	17.39	17.46	17.45		
5	16QAM	1	24	17.40	17.44	17.24		
5	16QAM	12	0	17.41	17.43	17.42	19	0
5	16QAM	12	7	17.24	17.40	17.19		
5	16QAM	12	13	17.29	17.22	17.28		
5	16QAM	25	0	17.36	17.42	17.33		
5	64QAM	1	0	17.49	17.52	17.58	19	0
5	64QAM	1	12	17.49	17.48	17.30		
5	64QAM	1	24	17.40	17.47	17.34		
5	64QAM	12	0	17.30	17.48	17.45	19	0
5	64QAM	12	7	17.36	17.39	17.23		
5	64QAM	12	13	17.22	17.36	17.16		
5	64QAM	25	0	17.39	17.43	17.40		
5	256QAM	1	0	17.46	17.59	17.45	19	0
5	256QAM	1	12	17.42	17.37	17.41		
5	256QAM	1	24	17.29	17.45	17.24		
5	256QAM	12	0	17.33	17.54	17.39	19	0
5	256QAM	12	7	17.32	17.29	17.18		
5	256QAM	12	13	17.25	17.38	17.27		
5	256QAM	25	0	17.37	17.45	17.45		

Band 48 Ant9 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.06	19.13	19.12	19.07	20.5	0
20	QPSK	1	49	19.04	19.05	19.08	18.94		
20	QPSK	1	99	18.95	19.01	19.04	18.94		
20	QPSK	50	0	18.95	19.10	19.02	19.04	20.5	0
20	QPSK	50	24	19.01	18.97	19.02	18.89		
20	QPSK	50	50	18.91	18.93	18.90	18.89		
20	QPSK	100	0	18.93	19.08	19.07	19.01		
20	16QAM	1	0	19.00	19.03	19.03	18.96	20.5	0
20	16QAM	1	49	18.94	19.00	18.99	18.84		
20	16QAM	1	99	18.84	18.87	18.99	18.89		
20	16QAM	50	0	18.93	19.00	18.88	19.00	20.5	0
20	16QAM	50	24	18.94	18.88	18.96	18.77		
20	16QAM	50	50	18.82	18.81	18.84	18.78		
20	16QAM	100	0	18.81	19.03	18.96	18.96		
20	64QAM	1	0	18.99	19.06	19.04	19.04	20.5	0
20	64QAM	1	49	18.91	19.01	19.05	18.89		
20	64QAM	1	99	18.90	18.95	19.02	18.88		
20	64QAM	50	0	18.92	19.06	18.97	18.92	20.5	0
20	64QAM	50	24	18.90	18.84	18.93	18.85		
20	64QAM	50	50	18.81	18.84	18.78	18.80		
20	64QAM	100	0	18.86	19.04	18.94	18.87		
20	256QAM	1	0	18.06	18.10	18.10	18.05	19.5	1
20	256QAM	1	49	18.02	18.01	18.06	17.95		
20	256QAM	1	99	18.00	17.95	18.09	17.98		
20	256QAM	50	0	17.94	18.13	18.07	18.01	19.5	1
20	256QAM	50	24	17.98	18.00	18.04	17.89		
20	256QAM	50	50	17.86	17.89	17.96	17.88		
20	256QAM	100	0	17.87	18.11	18.01	17.98		
Channel				55315	55820	56160	56665	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.02	19.03	19.06	19.04	20.5	0
15	QPSK	1	37	18.97	18.97	19.01	18.86		
15	QPSK	1	74	18.87	18.98	18.95	18.82		
15	QPSK	36	0	18.91	19.04	18.93	18.95	20.5	0
15	QPSK	36	20	18.88	18.94	19.00	18.83		
15	QPSK	36	39	18.77	18.90	18.82	18.75		
15	QPSK	75	0	18.82	19.01	19.04	18.97		
15	16QAM	1	0	18.95	18.93	18.96	18.91	20.5	0
15	16QAM	1	37	18.82	18.92	18.86	18.71		
15	16QAM	1	74	18.72	18.84	18.95	18.76		
15	16QAM	36	0	18.87	18.89	18.75	18.92	20.5	0
15	16QAM	36	20	18.91	18.77	18.90	18.71		
15	16QAM	36	39	18.74	18.72	18.77	18.73		
15	16QAM	75	0	18.69	19.01	18.83	18.87		
15	64QAM	1	0	18.92	18.93	18.91	18.91	20.5	0
15	64QAM	1	37	18.82	18.91	18.92	18.87		
15	64QAM	1	74	18.83	18.93	18.95	18.80		
15	64QAM	36	0	18.86	19.01	18.86	18.83	20.5	0
15	64QAM	36	20	18.85	18.75	18.82	18.83		
15	64QAM	36	39	18.75	18.82	18.74	18.70		
15	64QAM	75	0	18.74	18.91	18.89	18.82		
15	256QAM	1	0	17.93	18.01	18.05	17.98	19.5	1
15	256QAM	1	37	17.97	17.96	17.98	17.82		
15	256QAM	1	74	17.94	17.82	18.00	17.90		
15	256QAM	36	0	17.80	18.03	18.02	17.87	19.5	1
15	256QAM	36	20	17.84	17.89	18.01	17.83		
15	256QAM	36	39	17.84	17.76	17.92	17.82		
15	256QAM	75	0	17.79	17.99	17.87	17.88		
Channel				55290	55815	56165	56690	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.02	19.10	19.05	19.02	20.5	0
10	QPSK	1	25	18.91	18.95	18.99	18.90		
10	QPSK	1	49	18.90	18.88	19.02	18.88		
10	QPSK	25	0	18.90	19.06	18.93	18.99	20.5	0
10	QPSK	25	12	18.95	18.86	18.94	18.81		
10	QPSK	25	25	18.78	18.86	18.86	18.84		
10	QPSK	50	0	18.84	18.99	18.99	18.92		
10	16QAM	1	0	18.93	18.91	18.96	18.91	20.5	0
10	16QAM	1	25	18.91	18.86	18.94	18.79		
10	16QAM	1	49	18.72	18.83	18.86	18.84		
10	16QAM	25	0	18.90	18.86	18.77	18.89	20.5	0
10	16QAM	25	12	18.81	18.77	18.89	18.72		
10	16QAM	25	25	18.68	18.75	18.80	18.89		
10	16QAM	50	0	18.67	18.96	18.94	18.88		
10	64QAM	1	0	18.93	19.00	18.94	18.91	20.5	0
10	64QAM	1	25	18.83	18.93	18.99	18.81		
10	64QAM	1	49	18.81	18.92	18.89	18.77		
10	64QAM	25	0	18.81	19.02	18.87	18.87	20.5	0
10	64QAM	25	12	18.87	18.74	18.89	18.72		
10	64QAM	25	25	18.68	18.72	18.74	18.69		
10	64QAM	50	0	18.72	18.95	18.89	18.82		
10	256QAM	1	0	18.03	18.02	18.04	17.96	19.5	1
10	256QAM	1	25	17.96	17.90	17.96	17.91		
10	256QAM	1	49	17.94	17.83	17.97	17.94		
10	256QAM	25	0	17.82	18.10	18.01	17.90	19.5	1
10	256QAM	25	12	17.86	17.94	17.96	17.83		
10	256QAM	25	25	17.73	17.82	17.85	17.85		
10	256QAM	50	0	17.75	18.04	17.91	17.95		
Channel				55265	55810	56170	56715	Tune-up limit	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.03	19.01	19.10	18.96	20.5	0
5	QPSK	1	12	18.98	19.02	18.95	18.80		
5	QPSK	1	24	18.83	18.94	18.95	18.92		
5	QPSK	12	0	18.93	19.07	18.90	18.93	20.5	0
5	QPSK	12	7	18.96	18.92	18.93	18.75		
5	QPSK	12	13	18.86	18.84	18.80	18.84		
5	QPSK	25	0	18.88	18.98	19.01	18.91		
5	16QAM	1	0	18.93	18.90	18.98	18.88	20.5	0
5	16QAM	1	12	18.89	18.97	18.93	18.75		
5	16QAM	1	24	18.80	18.78	18.92	18.78		
5	16QAM	12	0	18.90	18.93	18.77	18.95	20.5	0
5	16QAM	12	7	18.80	18.85	18.87	18.71		
5	16QAM	12	13	18.74	18.70	18.80	18.75		
5	16QAM	25	0	18.78	18.99	18.87	18.90		
5	64QAM	1	0	18.91	18.93	18.93	18.92	20.5	0
5	64QAM	1	12	18.80	18.88	18.95	18.81		
5	64QAM	1	24	18.82	18.86	18.89	18.82		
5	64QAM	12	0	18.80	18.94	18.92	18.84	20.5	0
5	64QAM	12	7	18.83	18.75	18.83	18.80		
5	64QAM	12	13	18.78	18.75	18.73	18.75		
5	64QAM	25	0	18.84	18.91	18.92	18.73		
5	256QAM	1	0	17.99	18.03	17.97	17.98	19.5	1
5	256QAM	1	12	17.96	17.89	17.95	17.86		
5	256QAM	1	24	17.90	17.92	18.06	17.93		
5	256QAM	12	0	17.91	18.06	17.95	17.92	19.5	1
5	256QAM	12	7	17.96	17.97	17.90	17.87		
5	256QAM	12	13	17.74	17.75	17.88	17.83		
5	256QAM	25	0	17.80	17.99	17.91	17.95		

Reduced Power Mode for ECI4

GSM850 Ant0 ECI4

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	33.01	33.09	33.03	34.00	24.01	24.09	24.03	25.00
GPRS 1 Tx slot	32.95	33.01	32.92	34.00	23.95	24.01	23.92	25.00
GPRS 2 Tx slots	29.98	30.11	30.03	31.00	23.98	24.11	24.03	25.00
GPRS 3 Tx slots	28.22	28.37	28.28	29.20	23.96	24.11	24.02	24.94
GPRS 4 Tx slots	27.02	27.08	26.96	28.00	24.02	24.08	23.96	25.00
EDGE 1 Tx slot	27.00	27.15	27.02	28.00	18.00	18.15	18.02	19.00
EDGE 2 Tx slots	23.85	24.01	23.90	25.00	17.85	18.01	17.90	19.00
EDGE 3 Tx slots	21.74	21.81	21.69	23.20	17.48	17.55	17.43	18.94
EDGE 4 Tx slots	20.68	20.75	20.64	22.00	17.68	17.75	17.64	19.00

WCDMA V Ant0 ECI4

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	23.99	24.10	24.06	25.00
3GPP Rel 99	RMC 12.2Kbps	24.11	24.14	24.09	25.00
3GPP Rel 6	HSDPA Subtest-1	23.09	23.19	23.12	24.00
3GPP Rel 6	HSDPA Subtest-2	23.15	23.09	23.12	24.00
3GPP Rel 6	HSDPA Subtest-3	22.56	22.65	22.59	23.50
3GPP Rel 6	HSDPA Subtest-4	22.58	22.66	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.11	23.13	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.16	23.13	23.15	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.60	22.67	22.63	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.60	22.65	22.60	23.50
3GPP Rel 6	HSUPA Subtest-1	23.07	23.12	23.04	24.00
3GPP Rel 6	HSUPA Subtest-2	21.07	21.16	21.08	22.00
3GPP Rel 6	HSUPA Subtest-3	22.15	22.17	22.05	23.00
3GPP Rel 6	HSUPA Subtest-4	21.15	21.19	21.06	22.00
3GPP Rel 6	HSUPA Subtest-5	23.09	23.09	23.04	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.63	20.68	20.54	21.50

Band 5 Ant0 ECI4

BW [MHz]	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	25.08	25.15	25.11	25.7	0
10	QPSK	1	25	25.05	25.11	25.09		
10	QPSK	1	49	25.00	25.12	25.04		
10	QPSK	25	0	24.05	24.19	24.06	24.7	1
10	QPSK	25	12	24.08	24.07	24.10		
10	QPSK	25	25	24.00	24.14	24.07		
10	QPSK	50	0	24.11	24.17	24.16		
10	16QAM	1	0	24.04	24.14	24.10	24.7	1
10	16QAM	1	25	24.11	24.08	24.10		
10	16QAM	1	49	23.98	24.07	24.01		
10	16QAM	25	0	23.04	23.21	23.09	23.7	2
10	16QAM	25	12	23.08	23.12	23.13		
10	16QAM	25	25	22.97	23.13	23.12		
10	16QAM	50	0	23.13	23.18	23.19		
10	64QAM	1	0	23.05	23.20	23.14	23.7	2
10	64QAM	1	25	23.11	23.04	23.06		
10	64QAM	1	49	22.95	23.11	23.05		
10	64QAM	25	0	22.06	22.23	22.06	22.7	3
10	64QAM	25	12	22.06	22.11	22.10		
10	64QAM	25	25	22.04	22.12	22.06		
10	64QAM	50	0	22.06	22.22	22.20		
10	256QAM	1	0	20.11	20.19	20.07	20.7	5
10	256QAM	1	25	20.06	20.07	20.12		
10	256QAM	1	49	20.02	20.18	20.06		
10	256QAM	25	0	20.16	20.22	20.18	20.7	5
10	256QAM	25	12	20.02	20.18	20.09		
10	256QAM	25	25	20.07	20.12	20.12		
10	256QAM	50	0	19.98	20.09	19.99		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.05	25.11	25.04	25.7	0
5	QPSK	1	12	24.97	25.05	25.07		
5	QPSK	1	24	24.93	25.04	24.98		
5	QPSK	12	0	23.93	24.09	23.99	24.7	1
5	QPSK	12	7	23.96	24.00	24.04		
5	QPSK	12	13	23.97	24.08	24.01		
5	QPSK	25	0	24.02	24.10	24.13		
5	16QAM	1	0	24.00	24.02	24.04	24.7	1
5	16QAM	1	12	24.04	23.97	24.06		
5	16QAM	1	24	23.90	23.96	23.96		
5	16QAM	12	0	22.92	23.17	23.01	23.7	2
5	16QAM	12	7	23.04	22.99	23.06		
5	16QAM	12	13	22.93	23.05	23.06		
5	16QAM	25	0	23.05	23.13	23.06		
5	64QAM	1	0	22.96	23.09	23.08	23.7	2
5	64QAM	1	12	23.08	23.00	22.98		
5	64QAM	1	24	22.84	23.06	22.94		
5	64QAM	12	0	21.92	22.11	21.99	22.7	3
5	64QAM	12	7	21.95	22.00	21.96		
5	64QAM	12	13	21.99	22.01	21.94		
5	64QAM	25	0	21.99	22.17	22.11		
5	256QAM	1	0	20.06	20.06	20.02	20.7	5
5	256QAM	1	12	19.98	20.01	20.06		
5	256QAM	1	24	19.96	20.09	19.95		
5	256QAM	12	0	20.07	20.19	20.15	20.7	5
5	256QAM	12	7	19.98	20.13	20.01		
5	256QAM	12	13	19.99	20.10	20.02		
5	256QAM	25	0	19.93	20.06	19.96		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.97	25.03	25.02	25.7	0
3	QPSK	1	8	24.95	25.09	24.96		
3	QPSK	1	14	24.88	25.10	24.91		
3	QPSK	8	0	23.94	24.12	23.96	24.7	1
3	QPSK	8	4	23.98	23.95	23.97		
3	QPSK	8	7	23.87	24.05	23.98		
3	QPSK	15	0	23.98	24.05	24.07		
3	16QAM	1	0	23.96	24.05	24.04	24.7	1
3	16QAM	1	8	24.02	23.96	24.03		
3	16QAM	1	14	23.88	24.01	23.94		
3	16QAM	8	0	22.93	23.19	23.00	23.7	2
3	16QAM	8	4	23.03	23.09	22.99		
3	16QAM	8	7	22.94	23.10	23.04		
3	16QAM	15	0	23.00	23.13	23.08		
3	64QAM	1	0	22.92	23.11	23.10	23.7	2
3	64QAM	1	8	23.00	22.98	22.95		
3	64QAM	1	14	22.90	23.01	23.03		
3	64QAM	8	0	21.94	22.11	22.01	22.7	3
3	64QAM	8	4	22.01	21.98	22.04		
3	64QAM	8	7	21.96	22.00	22.02		
3	64QAM	15	0	22.03	22.12	22.12		
3	256QAM	1	0	20.00	20.09	19.93	20.7	5
3	256QAM	1	8	19.93	19.98	20.04		
3	256QAM	1	14	19.94	20.10	19.95		
3	256QAM	8	0	20.08	20.14	20.05	20.7	5
3	256QAM	8	4	19.96	20.12	19.96		
3	256QAM	8	7	19.94	20.01	20.05		
3	256QAM	15	0	19.85	20.04	19.90		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.97	25.11	25.08	25.7	0
1.4	QPSK	1	3	24.96	25.01	25.01		
1.4	QPSK	1	5	24.97	25.02	24.99		
1.4	QPSK	3	0	24.84	25.03	25.02		
1.4	QPSK	3	1	24.82	24.97	24.89		
1.4	QPSK	3	3	24.84	24.94	24.87		
1.4	QPSK	6	0	24.04	24.13	24.04	24.7	1
1.4	16QAM	1	0	24.00	24.00	23.99	24.7	1
1.4	16QAM	1	3	24.03	24.04	23.96		
1.4	16QAM	1	5	23.90	23.95	23.98		
1.4	16QAM	3	0	23.96	24.08	23.91		
1.4	16QAM	3	1	23.95	23.86	23.92		
1.4	16QAM	3	3	23.93	23.98	23.85		
1.4	16QAM	6	0	23.02	23.12	23.05	23.7	2
1.4	64QAM	1	0	22.92	23.10	23.01	23.7	2
1.4	64QAM	1	3	23.08	22.97	23.02		
1.4	64QAM	1	5	22.93	23.01	23.03		
1.4	64QAM	3	0	22.98	23.10	22.97		
1.4	64QAM	3	1	22.78	22.97	22.92		
1.4	64QAM	3	3	22.96	22.87	22.92		
1.4	64QAM	6	0	21.97	22.14	22.12	22.7	3
1.4	256QAM	1	0	19.98	20.09	20.04	20.7	5
1.4	256QAM	1	3	19.94	19.95	20.06		
1.4	256QAM	1	5	19.92	20.09	19.92		
1.4	256QAM	3	0	20.03	20.20	20.05		
1.4	256QAM	3	1	19.89	20.09	20.01		
1.4	256QAM	3	3	19.97	20.08	19.99		
1.4	256QAM	6	0	19.84	20.05	19.87	20.7	5

Band 26 Ant0 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	25.04	25.19	25.14	25.7	0
15	QPSK	1	37	25.05	25.15	25.14		
15	QPSK	1	74	24.96	25.10	25.02		
15	QPSK	36	0	24.00	24.23	24.01	24.7	1
15	QPSK	36	20	24.03	24.11	24.10		
15	QPSK	36	39	24.06	24.19	24.13		
15	QPSK	75	0	24.11	24.20	24.17		
15	16QAM	1	0	24.02	24.17	24.13	24.7	1
15	16QAM	1	37	24.07	24.11	24.16		
15	16QAM	1	74	23.99	24.07	24.05		
15	16QAM	36	0	23.04	23.27	23.15	23.7	2
15	16QAM	36	20	23.10	23.07	23.13		
15	16QAM	36	39	23.00	23.13	23.17		
15	16QAM	75	0	23.11	23.16	23.15		
15	64QAM	1	0	23.06	23.27	23.10	23.7	2
15	64QAM	1	37	23.11	23.02	23.02		
15	64QAM	1	74	22.93	23.06	23.08		
15	64QAM	36	0	22.12	22.24	22.04	22.7	3
15	64QAM	36	20	22.11	22.18	22.13		
15	64QAM	36	39	22.07	22.11	22.08		
15	64QAM	75	0	22.05	22.23	22.21		
15	256QAM	1	0	20.11	20.15	20.03	20.7	5
15	256QAM	1	37	20.10	20.07	20.10		
15	256QAM	1	74	20.05	20.22	20.03		
15	256QAM	36	0	20.11	20.27	20.17	20.7	5
15	256QAM	36	20	20.00	20.15	20.15		
15	256QAM	36	39	20.13	20.14	20.15		
15	256QAM	75	0	20.02	20.08	20.05		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.92	25.10	25.10	25.7	0
10	QPSK	1	25	25.02	25.11	25.09		
10	QPSK	1	49	24.83	25.00	24.89		
10	QPSK	25	0	23.90	24.18	23.89	24.7	1
10	QPSK	25	12	23.99	24.06	24.00		
10	QPSK	25	25	23.93	24.16	24.10		
10	QPSK	50	0	24.08	24.15	24.06		
10	16QAM	1	0	23.89	24.14	24.05	24.7	1
10	16QAM	1	25	23.95	23.98	24.08		
10	16QAM	1	49	23.92	24.04	23.95		
10	16QAM	25	0	23.01	23.20	23.07	23.7	2
10	16QAM	25	12	23.05	23.01	23.07		
10	16QAM	25	25	22.87	23.07	23.05		
10	16QAM	50	0	22.99	23.07	23.09		
10	64QAM	1	0	22.95	23.21	23.07	23.7	2
10	64QAM	1	25	22.98	22.93	22.90		
10	64QAM	1	49	22.81	22.97	22.97		
10	64QAM	25	0	22.07	22.16	22.02	22.7	3
10	64QAM	25	12	22.03	22.16	22.04		
10	64QAM	25	25	22.02	22.08	22.03		
10	64QAM	50	0	21.96	22.12	22.08		
10	256QAM	1	0	20.02	20.03	19.97	20.7	5
10	256QAM	1	25	19.98	20.03	20.01		
10	256QAM	1	49	19.94	20.16	19.96		
10	256QAM	25	0	20.04	20.17	20.03	20.7	5
10	256QAM	25	12	19.97	20.11	20.06		
10	256QAM	25	25	20.00	20.07	20.06		
10	256QAM	50	0	19.99	19.96	20.00		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.95	25.17	25.09	25.7	0
5	QPSK	1	12	24.97	25.12	25.09		
5	QPSK	1	24	24.92	25.04	24.89		
5	QPSK	12	0	23.87	24.18	23.98	24.7	1
5	QPSK	12	7	23.90	24.01	24.08		
5	QPSK	12	13	23.95	24.15	24.10		
5	QPSK	25	0	24.01	24.09	24.12		
5	16QAM	1	0	23.88	24.07	24.05	24.7	1
5	16QAM	1	12	23.97	24.06	24.14		
5	16QAM	1	24	23.95	24.03	24.00		
5	16QAM	12	0	22.91	23.16	23.11	23.7	2
5	16QAM	12	7	22.99	23.00	23.10		
5	16QAM	12	13	22.94	23.10	23.12		
5	16QAM	25	0	23.04	23.08	23.02		
5	64QAM	1	0	23.03	23.14	23.02	23.7	2
5	64QAM	1	12	23.05	22.88	22.97		
5	64QAM	1	24	22.80	23.01	22.94		
5	64QAM	12	0	21.99	22.22	22.00	22.7	3
5	64QAM	12	7	22.06	22.04	22.07		
5	64QAM	12	13	22.02	22.08	21.97		
5	64QAM	25	0	21.99	22.20	22.13		
5	256QAM	1	0	20.00	20.04	20.00	20.7	5
5	256QAM	1	12	20.01	19.99	20.05		
5	256QAM	1	24	20.01	20.16	19.92		
5	256QAM	12	0	20.02	20.17	20.09	20.7	5
5	256QAM	12	7	19.92	20.09	20.08		
5	256QAM	12	13	20.03	20.07	20.11		
5	256QAM	25	0	19.89	20.00	19.99		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.97	25.06	25.08	25.7	0
3	QPSK	1	8	24.98	25.04	25.05		
3	QPSK	1	14	24.86	24.98	24.97		
3	QPSK	8	0	23.86	24.10	23.91	24.7	1
3	QPSK	8	4	23.91	24.05	24.08		
3	QPSK	8	7	23.98	24.09	24.04		
3	QPSK	15	0	24.09	24.13	24.04		
3	16QAM	1	0	23.97	24.11	24.08	24.7	1
3	16QAM	1	8	23.94	24.08	24.13		
3	16QAM	1	14	23.88	23.94	23.95		
3	16QAM	8	0	22.97	23.23	23.08	23.7	2
3	16QAM	8	4	23.08	22.95	23.06		
3	16QAM	8	7	22.92	23.03	23.13		
3	16QAM	15	0	23.09	23.06	23.11		
3	64QAM	1	0	22.98	23.20	23.02	23.7	2
3	64QAM	1	8	23.09	22.90	22.98		
3	64QAM	1	14	22.83	23.00	22.98		
3	64QAM	8	0	22.09	22.21	21.94	22.7	3
3	64QAM	8	4	22.03	22.13	22.09		
3	64QAM	8	7	21.96	21.99	22.01		
3	64QAM	15	0	21.98	22.14	22.16		
3	256QAM	1	0	19.99	20.04	19.93	20.7	5
3	256QAM	1	8	19.98	20.05	20.03		
3	256QAM	1	14	19.94	20.17	19.94		
3	256QAM	8	0	20.02	20.15	20.15	20.7	5
3	256QAM	8	4	19.97	20.11	20.04		
3	256QAM	8	7	20.06	20.12	20.12		
3	256QAM	15	0	19.94	20.05	19.96		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.84	25.05	24.96	25.7	0
1.4	QPSK	1	3	24.85	24.92	24.87		
1.4	QPSK	1	5	24.87	24.90	24.91		
1.4	QPSK	3	0	24.78	24.95	24.93		
1.4	QPSK	3	1	24.69	24.85	24.79		
1.4	QPSK	3	3	24.80	24.85	24.74		
1.4	QPSK	6	0	24.02	24.07	23.94	24.7	1
1.4	16QAM	1	0	23.93	23.89	23.95	24.7	1
1.4	16QAM	1	3	23.96	23.94	23.94		
1.4	16QAM	1	5	23.80	23.89	23.88		
1.4	16QAM	3	0	23.83	24.05	23.84		
1.4	16QAM	3	1	23.88	23.72	23.82		
1.4	16QAM	3	3	23.89	23.92	23.72		
1.4	16QAM	6	0	22.89	23.06	22.93	23.7	2
1.4	64QAM	1	0	22.88	22.97	22.98	23.7	2
1.4	64QAM	1	3	23.03	22.88	22.91		
1.4	64QAM	1	5	22.82	22.97	22.93		
1.4	64QAM	3	0	22.85	23.01	22.85		
1.4	64QAM	3	1	22.68	22.90	22.83		
1.4	64QAM	3	3	22.89	22.81	22.83		
1.4	64QAM	6	0	21.92	22.02	22.07	22.7	3
1.4	256QAM	1	0	19.86	19.98	19.94	20.7	5
1.4	256QAM	1	3	19.83	19.92	20.02		
1.4	256QAM	1	5	19.87	19.98	19.89		
1.4	256QAM	3	0	19.94	20.11	19.93		
1.4	256QAM	3	1	19.81	19.97	19.93		
1.4	256QAM	3	3	19.94	20.00	19.93		
1.4	256QAM	6	0	19.76	19.97	19.82	20.7	5

GSM850 Ant1 ECI4

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	33.00	33.13	33.04	34.50	24.00	24.13	24.04	25.50
GPRS 1 Tx slot	32.94	33.05	32.93	34.50	23.94	24.05	23.93	25.50
GPRS 2 Tx slots	30.03	30.18	30.06	31.50	24.03	24.18	24.06	25.50
GPRS 3 Tx slots	28.36	28.45	28.37	29.70	24.10	24.19	24.11	25.44
GPRS 4 Tx slots	27.09	27.16	27.02	28.50	24.09	24.16	24.02	25.50
EDGE 1 Tx slot	26.91	26.95	26.90	28.50	17.91	17.95	17.90	19.50
EDGE 2 Tx slots	23.77	23.81	23.70	25.50	17.77	17.81	17.70	19.50
EDGE 3 Tx slots	21.98	22.02	21.92	23.70	17.72	17.76	17.66	19.44
EDGE 4 Tx slots	20.78	20.84	20.69	22.50	17.78	17.84	17.69	19.50

WCDMA V Ant1 ECI4

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	20.95	21.14	21.01	22.50
3GPP Rel 99	RMC 12.2Kbps	21.14	21.19	21.11	22.50
3GPP Rel 6	HSDPA Subtest-1	20.09	20.12	20.07	21.50
3GPP Rel 6	HSDPA Subtest-2	20.15	20.12	20.02	21.50
3GPP Rel 6	HSDPA Subtest-3	19.58	19.62	19.64	21.00
3GPP Rel 6	HSDPA Subtest-4	19.61	19.69	19.60	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	20.04	20.07	20.04	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	20.11	20.12	19.99	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.58	19.62	19.61	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.63	19.57	19.52	21.00
3GPP Rel 6	HSUPA Subtest-1	20.08	20.21	20.14	21.50
3GPP Rel 6	HSUPA Subtest-2	18.12	18.15	18.09	19.50
3GPP Rel 6	HSUPA Subtest-3	19.10	19.19	19.10	20.50
3GPP Rel 6	HSUPA Subtest-4	18.04	18.06	18.07	19.50
3GPP Rel 6	HSUPA Subtest-5	20.05	20.16	20.10	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.55	17.60	17.57	19.00

Band 5 Ant1 ECI4

BW [MHz]	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	21.48	21.62	21.37	22.2	0
10	QPSK	1	25	21.35	21.48	21.33		
10	QPSK	1	49	21.42	21.52	21.32		
10	QPSK	25	0	21.38	21.55	21.28	22.2	0
10	QPSK	25	12	21.18	21.45	21.27		
10	QPSK	25	25	21.21	21.52	21.30		
10	QPSK	50	0	21.27	21.52	21.29		
10	16QAM	1	0	21.36	21.50	21.35	22.2	0
10	16QAM	1	25	21.22	21.43	21.28		
10	16QAM	1	49	21.30	21.43	21.23		
10	16QAM	25	0	21.26	21.44	21.25	22.2	0
10	16QAM	25	12	21.15	21.33	21.15		
10	16QAM	25	25	21.08	21.47	21.23		
10	16QAM	50	0	21.21	21.47	21.20		
10	64QAM	1	0	21.40	21.49	21.33	22.2	0
10	64QAM	1	25	21.31	21.38	21.27		
10	64QAM	1	49	21.29	21.42	21.22		
10	64QAM	25	0	21.36	21.45	21.25	22.2	0
10	64QAM	25	12	21.16	21.42	21.20		
10	64QAM	25	25	21.18	21.41	21.16		
10	64QAM	50	0	21.18	21.40	21.19		
10	256QAM	1	0	19.96	20.12	19.86	20.7	1.5
10	256QAM	1	25	19.85	20.01	19.86		
10	256QAM	1	49	19.94	19.98	19.87		
10	256QAM	25	0	19.87	20.01	19.73	20.7	1.5
10	256QAM	25	12	19.70	19.91	19.72		
10	256QAM	25	25	19.71	20.01	19.86		
10	256QAM	50	0	19.83	20.00	19.75		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.42	21.59	21.31	22.2	0
5	QPSK	1	12	21.30	21.45	21.25		
5	QPSK	1	24	21.34	21.39	21.23		
5	QPSK	12	0	21.31	21.50	21.22	22.2	0
5	QPSK	12	7	21.06	21.32	21.20		
5	QPSK	12	13	21.12	21.39	21.17		
5	QPSK	25	0	21.24	21.40	21.23		
5	16QAM	1	0	21.25	21.38	21.32	22.2	0
5	16QAM	1	12	21.17	21.35	21.22		
5	16QAM	1	24	21.18	21.37	21.21		
5	16QAM	12	0	21.21	21.39	21.11	22.2	0
5	16QAM	12	7	21.12	21.22	21.12		
5	16QAM	12	13	20.95	21.39	21.11		
5	16QAM	25	0	21.10	21.44	21.09		
5	64QAM	1	0	21.38	21.39	21.22	22.2	0
5	64QAM	1	12	21.20	21.27	21.16		
5	64QAM	1	24	21.20	21.39	21.14		
5	64QAM	12	0	21.28	21.42	21.22	22.2	0
5	64QAM	12	7	21.04	21.40	21.09		
5	64QAM	12	13	21.08	21.37	21.09		
5	64QAM	25	0	21.05	21.28	21.10		
5	256QAM	1	0	19.87	19.98	19.83	20.7	1.5
5	256QAM	1	12	19.73	19.95	19.83		
5	256QAM	1	24	19.81	19.87	19.80		
5	256QAM	12	0	19.75	19.93	19.70	20.7	1.5
5	256QAM	12	7	19.64	19.87	19.60		
5	256QAM	12	13	19.61	19.92	19.77		
5	256QAM	25	0	19.80	19.90	19.71		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.35	21.59	21.34	22.2	0
3	QPSK	1	8	21.26	21.44	21.24		
3	QPSK	1	14	21.28	21.49	21.29		
3	QPSK	8	0	21.35	21.45	21.23	22.2	0
3	QPSK	8	4	21.07	21.40	21.25		
3	QPSK	8	7	21.15	21.42	21.18		
3	QPSK	15	0	21.22	21.49	21.18		
3	16QAM	1	0	21.32	21.36	21.31	22.2	0
3	16QAM	1	8	21.16	21.36	21.24		
3	16QAM	1	14	21.26	21.30	21.18		
3	16QAM	8	0	21.19	21.40	21.12	22.2	0
3	16QAM	8	4	21.08	21.28	21.08		
3	16QAM	8	7	20.96	21.44	21.14		
3	16QAM	15	0	21.11	21.39	21.15		
3	64QAM	1	0	21.34	21.35	21.25	22.2	0
3	64QAM	1	8	21.23	21.30	21.20		
3	64QAM	1	14	21.19	21.36	21.13		
3	64QAM	8	0	21.28	21.33	21.19	22.2	0
3	64QAM	8	4	21.10	21.39	21.08		
3	64QAM	8	7	21.14	21.32	21.05		
3	64QAM	15	0	21.09	21.31	21.15		
3	256QAM	1	0	19.84	20.02	19.72	20.7	1.5
3	256QAM	1	8	19.82	19.96	19.72		
3	256QAM	1	14	19.91	19.94	19.83		
3	256QAM	8	0	19.81	19.91	19.66	20.7	1.5
3	256QAM	8	4	19.59	19.82	19.61		
3	256QAM	8	7	19.65	19.94	19.77		
3	256QAM	15	0	19.72	19.96	19.68		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.39	21.59	21.30	22.2	0
1.4	QPSK	1	3	21.29	21.42	21.25		
1.4	QPSK	1	5	21.33	21.47	21.19		
1.4	QPSK	3	0	21.31	21.45	21.23		
1.4	QPSK	3	1	21.09	21.31	21.24		
1.4	QPSK	3	3	21.08	21.46	21.22		
1.4	QPSK	6	0	21.22	21.39	21.22	22.2	0
1.4	16QAM	1	0	21.23	21.44	21.24	22.2	0
1.4	16QAM	1	3	21.09	21.29	21.24		
1.4	16QAM	1	5	21.19	21.32	21.18		
1.4	16QAM	3	0	21.13	21.34	21.12		
1.4	16QAM	3	1	21.03	21.28	21.08		
1.4	16QAM	3	3	21.05	21.38	21.18		
1.4	16QAM	6	0	21.15	21.43	21.18	22.2	0
1.4	64QAM	1	0	21.32	21.46	21.25	22.2	0
1.4	64QAM	1	3	21.28	21.31	21.17		
1.4	64QAM	1	5	21.22	21.37	21.17		
1.4	64QAM	3	0	21.34	21.40	21.18		
1.4	64QAM	3	1	21.02	21.38	21.14		
1.4	64QAM	3	3	21.14	21.38	21.09		
1.4	64QAM	6	0	21.10	21.28	21.15	22.2	0
1.4	256QAM	1	0	19.90	20.03	19.76	20.7	1.5
1.4	256QAM	1	3	19.72	19.90	19.84		
1.4	256QAM	1	5	19.92	19.89	19.78		
1.4	256QAM	3	0	19.84	19.90	19.59		
1.4	256QAM	3	1	19.62	19.82	19.65		
1.4	256QAM	3	3	19.68	19.94	19.74		
1.4	256QAM	6	0	19.69	19.90	19.70	20.7	1.5

Band 26 Ant1 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.90	24.07	23.89	24.7	0
15	QPSK	1	37	23.94	24.00	23.81		
15	QPSK	1	74	23.91	23.99	23.82		
15	QPSK	36	0	23.82	24.04	23.75	24.7	0
15	QPSK	36	20	23.81	23.97	23.74		
15	QPSK	36	39	23.78	23.96	23.75		
15	QPSK	75	0	23.77	24.03	23.83		
15	16QAM	1	0	23.85	23.96	23.81	24.7	0
15	16QAM	1	37	23.84	23.92	23.74		
15	16QAM	1	74	23.88	23.93	23.72		
15	16QAM	36	0	22.92	23.07	22.88	23.7	1
15	16QAM	36	20	23.00	23.05	22.83		
15	16QAM	36	39	22.91	23.02	22.85		
15	16QAM	75	0	22.83	23.05	22.79		
15	64QAM	1	0	22.79	22.96	22.77	23.7	1
15	64QAM	1	37	22.75	22.94	22.78		
15	64QAM	1	74	22.80	23.01	22.88		
15	64QAM	36	0	21.94	22.09	21.91	22.7	2
15	64QAM	36	20	21.94	21.99	21.79		
15	64QAM	36	39	21.88	22.02	21.84		
15	64QAM	75	0	21.80	21.99	21.70		
15	256QAM	1	0	19.93	20.08	19.86	20.7	4
15	256QAM	1	37	19.88	19.96	19.86		
15	256QAM	1	74	19.88	20.00	19.85		
15	256QAM	36	0	19.79	20.06	19.77	20.7	4
15	256QAM	36	20	19.80	19.92	19.68		
15	256QAM	36	39	19.75	19.96	19.76		
15	256QAM	75	0	19.74	20.07	19.80		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.85	24.01	23.84	24.7	0
10	QPSK	1	25	23.88	23.96	23.71		
10	QPSK	1	49	23.88	23.87	23.75		
10	QPSK	25	0	23.79	23.95	23.71	24.7	0
10	QPSK	25	12	23.78	23.87	23.67		
10	QPSK	25	25	23.66	23.87	23.62		
10	QPSK	50	0	23.74	24.00	23.80		
10	16QAM	1	0	23.75	23.87	23.77	24.7	0
10	16QAM	1	25	23.78	23.83	23.71		
10	16QAM	1	49	23.82	23.84	23.66		
10	16QAM	25	0	22.84	22.96	22.79	23.7	1
10	16QAM	25	12	22.93	22.96	22.72		
10	16QAM	25	25	22.85	22.93	22.78		
10	16QAM	50	0	22.72	22.92	22.76		
10	64QAM	1	0	22.68	22.86	22.74	23.7	1
10	64QAM	1	25	22.73	22.82	22.66		
10	64QAM	1	49	22.66	22.96	22.78		
10	64QAM	25	0	21.84	21.95	21.87	22.7	2
10	64QAM	25	12	21.80	21.86	21.77		
10	64QAM	25	25	21.78	21.89	21.71		
10	64QAM	50	0	21.70	21.97	21.64		
10	256QAM	1	0	19.85	20.02	19.83	20.7	4
10	256QAM	1	25	19.79	19.92	19.78		
10	256QAM	1	49	19.77	19.96	19.82		
10	256QAM	25	0	19.76	19.96	19.68	20.7	4
10	256QAM	25	12	19.67	19.79	19.57		
10	256QAM	25	25	19.67	19.87	19.69		
10	256QAM	50	0	19.62	20.01	19.73		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.84	23.99	23.84	24.7	0
5	QPSK	1	12	23.81	23.94	23.68		
5	QPSK	1	24	23.88	23.94	23.79		
5	QPSK	12	0	23.72	23.96	23.73	24.7	0
5	QPSK	12	7	23.69	23.92	23.67		
5	QPSK	12	13	23.68	23.93	23.65		
5	QPSK	25	0	23.70	23.89	23.72		
5	16QAM	1	0	23.71	23.94	23.74	24.7	0
5	16QAM	1	12	23.80	23.88	23.62		
5	16QAM	1	24	23.75	23.83	23.58		
5	16QAM	12	0	22.88	22.98	22.75	23.7	1
5	16QAM	12	7	22.88	22.91	22.78		
5	16QAM	12	13	22.83	22.94	22.81		
5	16QAM	25	0	22.72	22.98	22.70		
5	64QAM	1	0	22.77	22.86	22.73	23.7	1
5	64QAM	1	12	22.68	22.83	22.69		
5	64QAM	1	24	22.76	22.88	22.74		
5	64QAM	12	0	21.82	21.98	21.83	22.7	2
5	64QAM	12	7	21.89	21.96	21.73		
5	64QAM	12	13	21.77	21.93	21.75		
5	64QAM	25	0	21.75	21.90	21.58		
5	256QAM	1	0	19.80	20.02	19.84	20.7	4
5	256QAM	1	12	19.84	19.88	19.76		
5	256QAM	1	24	19.78	19.87	19.82		
5	256QAM	12	0	19.67	19.95	19.69	20.7	4
5	256QAM	12	7	19.77	19.87	19.62		
5	256QAM	12	13	19.69	19.87	19.65		
5	256QAM	25	0	19.65	20.01	19.67		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.79	23.99	23.83	24.7	0
3	QPSK	1	8	23.91	23.92	23.76		
3	QPSK	1	14	23.81	23.93	23.79		
3	QPSK	8	0	23.69	23.92	23.61	24.7	0
3	QPSK	8	4	23.73	23.85	23.72		
3	QPSK	8	7	23.67	23.92	23.69		
3	QPSK	15	0	23.68	23.96	23.79		
3	16QAM	1	0	23.80	23.88	23.69	24.7	0
3	16QAM	1	8	23.77	23.88	23.61		
3	16QAM	1	14	23.77	23.79	23.59		
3	16QAM	8	0	22.81	23.00	22.80	23.7	1
3	16QAM	8	4	22.92	22.99	22.79		
3	16QAM	8	7	22.89	22.99	22.74		
3	16QAM	15	0	22.77	22.99	22.69		
3	64QAM	1	0	22.68	22.84	22.64	23.7	1
3	64QAM	1	8	22.65	22.83	22.72		
3	64QAM	1	14	22.71	22.93	22.82		
3	64QAM	8	0	21.85	21.97	21.78	22.7	2
3	64QAM	8	4	21.81	21.96	21.66		
3	64QAM	8	7	21.78	21.97	21.78		
3	64QAM	15	0	21.75	21.94	21.66		
3	256QAM	1	0	19.91	19.96	19.82	20.7	4
3	256QAM	1	8	19.86	19.93	19.75		
3	256QAM	1	14	19.75	19.88	19.72		
3	256QAM	8	0	19.76	19.97	19.68	20.7	4
3	256QAM	8	4	19.76	19.79	19.64		
3	256QAM	8	7	19.69	19.82	19.63		
3	256QAM	15	0	19.70	19.98	19.74		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.78	23.98	23.76	24.7	0
1.4	QPSK	1	3	23.82	23.90	23.68		
1.4	QPSK	1	5	23.86	23.93	23.76		
1.4	QPSK	3	0	23.75	23.96	23.71		
1.4	QPSK	3	1	23.73	23.86	23.65		
1.4	QPSK	3	3	23.71	23.91	23.67		
1.4	QPSK	6	0	23.75	23.94	23.73	24.7	0
1.4	16QAM	1	0	23.77	23.91	23.69	24.7	0
1.4	16QAM	1	3	23.71	23.80	23.66		
1.4	16QAM	1	5	23.82	23.81	23.66		
1.4	16QAM	3	0	22.82	23.04	22.79		
1.4	16QAM	3	1	22.91	22.99	22.69		
1.4	16QAM	3	3	22.82	22.99	22.72		
1.4	16QAM	6	0	22.80	22.91	22.68	23.7	1
1.4	64QAM	1	0	22.73	22.93	22.66	23.7	1
1.4	64QAM	1	3	22.70	22.83	22.75		
1.4	64QAM	1	5	22.72	22.92	22.80		
1.4	64QAM	3	0	21.85	22.00	21.77		
1.4	64QAM	3	1	21.89	21.86	21.69		
1.4	64QAM	3	3	21.80	21.94	21.71		
1.4	64QAM	6	0	21.69	21.87	21.67	22.7	2
1.4	256QAM	1	0	19.90	20.01	19.74	20.7	4
1.4	256QAM	1	3	19.78	19.89	19.78		
1.4	256QAM	1	5	19.76	19.87	19.76		
1.4	256QAM	3	0	19.75	19.99	19.69		
1.4	256QAM	3	1	19.69	19.82	19.58		
1.4	256QAM	3	3	19.70	19.89	19.68		
1.4	256QAM	6	0	19.69	19.97	19.70	20.7	4

GSM1900 Ant2 ECI4

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.92	28.09	27.96	29.00	18.92	19.09	18.96	20.00
GPRS 1 Tx slot	27.96	27.95	27.91	29.00	18.96	18.95	18.91	20.00
GPRS 2 Tx slots	25.11	25.19	25.18	26.00	19.11	19.19	19.18	20.00
GPRS 3 Tx slots	23.35	23.42	23.36	24.20	19.09	19.16	19.10	19.94
GPRS 4 Tx slots	22.07	22.12	22.06	23.00	19.07	19.12	19.06	20.00
EDGE 1 Tx slot	26.11	26.15	26.09	27.00	17.11	17.15	17.09	18.00
EDGE 2 Tx slots	23.14	23.10	23.06	24.00	17.14	17.10	17.06	18.00
EDGE 3 Tx slots	21.31	21.40	21.30	22.20	17.05	17.14	17.04	17.94
EDGE 4 Tx slots	20.08	20.17	20.11	21.00	17.08	17.17	17.11	18.00

WCDMA II Ant2 ECI4 / WCDMA IV Ant2 ECI4

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.94	20.95	20.91	22.00	22.83	22.92	22.82	24.00
3GPP Rel 99	RMC 12.2Kbps	21.01	21.03	20.97	22.00	22.92	23.02	22.94	24.00
3GPP Rel 6	HSDPA Subtest-1	19.99	20.13	20.00	21.00	21.86	22.02	21.92	23.00
3GPP Rel 6	HSDPA Subtest-2	20.03	20.09	19.98	21.00	21.92	21.95	21.92	23.00
3GPP Rel 6	HSDPA Subtest-3	19.56	19.65	19.53	20.50	21.45	21.58	21.41	22.50
3GPP Rel 6	HSDPA Subtest-4	19.44	19.58	19.55	20.50	21.44	21.43	21.47	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.01	20.17	19.98	21.00	21.86	21.99	21.95	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.97	20.05	19.89	21.00	21.84	22.03	21.83	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.51	19.55	19.50	20.50	21.45	21.44	21.50	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.46	19.65	19.51	20.50	21.39	21.58	21.34	22.50
3GPP Rel 6	HSUPA Subtest-1	19.93	20.13	19.93	21.00	21.91	22.01	21.98	23.00
3GPP Rel 6	HSUPA Subtest-2	17.97	18.08	18.01	19.00	19.89	20.01	20.00	21.00
3GPP Rel 6	HSUPA Subtest-3	18.90	19.07	19.04	20.00	20.91	21.06	20.93	22.00
3GPP Rel 6	HSUPA Subtest-4	17.95	18.09	18.05	19.00	19.82	19.96	19.97	21.00
3GPP Rel 6	HSUPA Subtest-5	20.01	20.13	20.02	21.00	21.94	22.04	21.92	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.42	17.50	17.50	18.50	19.39	19.50	19.45	20.50

Band 2 Ant2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	21.04	21.13	20.98		
20	QPSK	1	49	20.93	20.99	21.00	22	0
20	QPSK	1	99	20.98	21.05	21.03		
20	QPSK	50	0	20.92	21.09	20.92		
20	QPSK	50	24	20.86	20.94	20.87	22	0
20	QPSK	50	50	20.82	20.95	20.88		
20	QPSK	100	0	20.88	21.02	20.94		
20	16QAM	1	0	20.92	21.02	20.88		
20	16QAM	1	49	20.80	20.86	20.88	22	0
20	16QAM	1	99	20.88	21.00	20.97		
20	16QAM	50	0	20.79	21.07	20.82		
20	16QAM	50	24	20.79	20.91	20.75	22	0
20	16QAM	50	50	20.73	20.87	20.80		
20	16QAM	100	0	20.83	20.98	20.84		
20	64QAM	1	0	21.02	21.01	20.92		
20	64QAM	1	49	20.84	20.97	20.93	22	0
20	64QAM	1	99	20.89	20.95	20.90		
20	64QAM	50	0	20.80	21.03	20.79		
20	64QAM	50	24	20.77	20.81	20.77	22	0
20	64QAM	50	50	20.74	20.91	20.77		
20	64QAM	100	0	20.83	20.91	20.86		
20	256QAM	1	0	19.55	19.64	19.51		
20	256QAM	1	49	19.38	19.50	19.54	20.5	1.5
20	256QAM	1	99	19.50	19.61	19.51		
20	256QAM	50	0	19.43	19.62	19.47		
20	256QAM	50	24	19.41	19.41	19.41	20.5	1.5
20	256QAM	50	50	19.26	19.51	19.35		
20	256QAM	100	0	19.37	19.49	19.44		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.95	20.99	20.86		
15	QPSK	1	37	20.87	20.93	20.86	22	0
15	QPSK	1	74	20.86	20.97	20.93		
15	QPSK	36	0	20.80	21.07	20.89		
15	QPSK	36	20	20.84	20.90	20.76	22	0
15	QPSK	36	39	20.66	20.85	20.83		
15	QPSK	75	0	20.80	20.97	20.88		
15	16QAM	1	0	20.83	20.91	20.77		
15	16QAM	1	37	20.72	20.81	20.79	22	0
15	16QAM	1	74	20.80	20.85	20.84		
15	16QAM	36	0	20.66	21.04	20.78		
15	16QAM	36	20	20.69	20.83	20.72	22	0
15	16QAM	36	39	20.60	20.76	20.75		
15	16QAM	75	0	20.81	20.86	20.72		
15	64QAM	1	0	20.99	20.89	20.90		
15	64QAM	1	37	20.82	20.92	20.86	22	0
15	64QAM	1	74	20.82	20.88	20.84		
15	64QAM	36	0	20.72	20.91	20.67		
15	64QAM	36	20	20.71	20.77	20.68	22	0
15	64QAM	36	39	20.62	20.79	20.72		
15	64QAM	75	0	20.74	20.79	20.78		
15	256QAM	1	0	19.44	19.60	19.37		
15	256QAM	1	37	19.25	19.47	19.51	20.5	1.5
15	256QAM	1	74	19.43	19.50	19.46		
15	256QAM	36	0	19.40	19.56	19.44		
15	256QAM	36	20	19.36	19.34	19.32	20.5	1.5
15	256QAM	36	39	19.23	19.43	19.30		
15	256QAM	75	0	19.33	19.42	19.35		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.95	21.10	20.95		
10	QPSK	1	25	20.87	20.89	20.93	22	0
10	QPSK	1	49	20.93	21.00	20.94		
10	QPSK	25	0	20.80	20.97	20.79		
10	QPSK	25	12	20.77	20.91	20.78	22	0
10	QPSK	25	25	20.69	20.82	20.80		
10	QPSK	50	0	20.85	20.90	20.89		
10	16QAM	1	0	20.85	20.93	20.85		
10	16QAM	1	25	20.70	20.76	20.81	22	0
10	16QAM	1	49	20.82	20.97	20.95		
10	16QAM	25	0	20.72	21.03	20.70		
10	16QAM	25	12	20.76	20.82	20.67	22	0
10	16QAM	25	25	20.68	20.83	20.75		
10	16QAM	50	0	20.73	20.86	20.70		
10	64QAM	1	0	20.97	20.90	20.89		
10	64QAM	1	25	20.78	20.86	20.90	22	0
10	64QAM	1	49	20.82	20.84	20.84		
10	64QAM	25	0	20.76	20.95	20.76		
10	64QAM	25	12	20.64	20.77	20.68	22	0
10	64QAM	25	25	20.64	20.84	20.75		
10	64QAM	50	0	20.70	20.83	20.81		
10	256QAM	1	0	19.46	19.54	19.38		
10	256QAM	1	25	19.29	19.46	19.42	20.5	1.5
10	256QAM	1	49	19.39	19.53	19.40		
10	256QAM	25	0	19.31	19.51	19.35		
10	256QAM	25	12	19.36	19.35	19.28	20.5	1.5
10	256QAM	25	25	19.16	19.40	19.21		
10	256QAM	50	0	19.27	19.39	19.31		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.01	21.04	20.93		
5	QPSK	1	12	20.86	20.89	20.87	22	0
5	QPSK	1	24	20.87	20.91	20.92		
5	QPSK	12	0	20.88	21.00	20.84		
5	QPSK	12	7	20.82	20.87	20.75	22	0
5	QPSK	12	13	20.68	20.86	20.77		
5	QPSK	25	0	20.82	20.89	20.91		
5	16QAM	1	0	20.86	20.91	20.81		
5	16QAM	1	12	20.67	20.76	20.79	22	0
5	16QAM	1	24	20.78	20.94	20.93		
5	16QAM	12	0	20.68	21.04	20.75		
5	16QAM	12	7	20.77	20.86	20.65	22	0
5	16QAM	12	13	20.69	20.76	20.66		
5	16QAM	25	0	20.78	20.84	20.74		
5	64QAM	1	0	20.90	20.97	20.86		
5	64QAM	1	12	20.73	20.90	20.84	22	0
5	64QAM	1	24	20.78	20.93	20.86		
5	64QAM	12	0	20.73	20.94	20.74		
5	64QAM	12	7	20.66	20.71	20.68	22	0
5	64QAM	12	13	20.69	20.86	20.64		
5	64QAM	25	0	20.76	20.75	20.75		
5	256QAM	1	0	19.47	19.54	19.40		
5	256QAM	1	12	19.33	19.37	19.42	20.5	1.5
5	256QAM	1	24	19.39	19.51	19.47		
5	256QAM	12	0	19.34	19.55	19.45		
5	256QAM	12	7	19.35	19.27	19.39	20.5	1.5
5	256QAM	12	13	19.22	19.37	19.28		
5	256QAM	25	0	19.29	19.43	19.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.95	21.05	20.94		
3	QPSK	1	8	20.86	20.89	20.93	22	0
3	QPSK	1	14	20.96	20.94	20.96		
3	QPSK	8	0	20.86	20.98	20.84		
3	QPSK	8	4	20.79	20.87	20.84	22	0
3	QPSK	8	7	20.69	20.86	20.76		
3	QPSK	15	0	20.80	20.95	20.83		
3	16QAM	1	0	20.80	20.91	20.77		
3	16QAM	1	8	20.74	20.75	20.82	22	0
3	16QAM	1	14	20.81	20.86	20.91		
3	16QAM	8	0	20.70	20.98	20.69		
3	16QAM	8	4	20.70	20.78	20.69	22	0
3	16QAM	8	7	20.63	20.85	20.73		
3	16QAM	15	0	20.79	20.88	20.71		
3	64QAM	1	0	21.00	20.94	20.88		
3	64QAM	1	8	20.78	20.89	20.80	22	0
3	64QAM	1	14	20.83	20.84	20.84		
3	64QAM	8	0	20.77	20.98	20.74		
3	64QAM	8	4	20.64	20.70	20.69	22	0
3	64QAM	8	7	20.70	20.85	20.66		
3	64QAM	15	0	20.74	20.80	20.72		
3	256QAM	1	0	19.50	19.52	19.38		
3	256QAM	1	8	19.28	19.40	19.44	20.5	1.5
3	256QAM	1	14	19.40	19.56	19.47		
3	256QAM	8	0	19.39	19.53	19.41		
3	256QAM	8	4	19.30	19.29	19.29	20.5	1.5
3	256QAM	8	7	19.12	19.48	19.21		
3	256QAM	15	0	19.33	19.37	19.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.94	21.06	20.86		
1.4	QPSK	1	3	20.82	20.96	20.87		
1.4	QPSK	1	5	20.88	21.00	21.00	22	0
1.4	QPSK	3	0	20.85	21.06	20.85		
1.4	QPSK	3	1	20.82	20.87	20.77		
1.4	QPSK	3	3	20.70	20.89	20.78		
1.4	QPSK	6	0	20.76	20.97	20.84	22	0
1.4	16QAM	1	0	20.81	20.94	20.80		
1.4	16QAM	1	3	20.78	20.75	20.85		
1.4	16QAM	1	5	20.77	20.90	20.86	22	0
1.4	16QAM	3	0	20.72	20.97	20.80		
1.4	16QAM	3	1	20.75	20.87	20.67		
1.4	16QAM	3	3	20.67	20.84	20.70		
1.4	16QAM	6	0	20.77	20.96	20.75	22	0
1.4	64QAM	1	0	20.93	20.95	20.82		
1.4	64QAM	1	3	20.72	20.90	20.87		
1.4	64QAM	1	5	20.84	20.90	20.88	22	0
1.4	64QAM	3	0	20.69	20.97	20.71		
1.4	64QAM	3	1	20.74	20.69	20.84		
1.4	64QAM	3	3	20.70	20.83	20.65		
1.4	64QAM	6	0	20.72	20.86	20.76	22	0
1.4	256QAM	1	0	19.52	19.59	19.45		
1.4	256QAM	1	3	19.28	19.39	19.48		
1.4	256QAM	1	5	19.42	19.57	19.38	20.5	1.5
1.4	256QAM	3	0	19.36	19.56	19.40		
1.4	256QAM	3	1	19.35	19.33	19.35		
1.4	256QAM	3	3	19.17	19.39	19.25		
1.4	256QAM	6	0	19.30	19.36	19.40	20.5	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.50	23.56	23.50		
20	QPSK	1	49	23.40	23.50	23.37	24.2	0
20	QPSK	1	99	23.37	23.46	23.40		
20	QPSK	50	0	23.47	23.51	23.43		
20	QPSK	50	24	23.38	23.44	23.32	24.2	0
20	QPSK	50	50	23.32	23.43	23.38		
20	QPSK	100	0	23.40	23.50	23.40		
20	16QAM	1	0	23.41	23.49	23.45		
20	16QAM	1	49	23.35	23.47	23.31	24.2	0
20	16QAM	1	99	23.24	23.41	23.26		
20	16QAM	50	0	23.04	23.00	23.01		
20	16QAM	50	24	22.84	23.00	22.89	23.7	0.5
20	16QAM	50	50	22.90	23.01	22.90		
20	16QAM	100	0	23.03	23.07	22.93		
20	64QAM	1	0	22.93	22.97	22.77		
20	64QAM	1	49	22.88	22.88	22.84	23.7	0.5
20	64QAM	1	99	22.92	22.99	22.91		
20	64QAM	50	0	21.99	22.04	22.01		
20	64QAM	50	24	21.89	22.02	21.82	22.7	1.5
20	64QAM	50	50	21.88	21.96	21.86		
20	64QAM	100	0	21.91	22.00	21.87		
20	256QAM	1	0	19.97	20.05	20.03		
20	256QAM	1	49	19.84	20.06	19.87	20.7	3.5
20	256QAM	1	99	19.84	19.92	19.94		
20	256QAM	50	0	20.01	20.06	19.97		
20	256QAM	50	24	19.91	19.97	19.86	20.7	3.5
20	256QAM	50	50	19.81	19.95	19.92		
20	256QAM	100	0	19.86	19.96	19.90		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.48	23.50	23.42		
15	QPSK	1	37	23.35	23.40	23.31	24.2	0
15	QPSK	1	74	23.35	23.37	23.35		
15	QPSK	36	0	23.42	23.49	23.35		
15	QPSK	36	20	23.32	23.36	23.24	24.2	0
15	QPSK	36	39	23.18	23.30	23.29		
15	QPSK	75	0	23.32	23.40	23.35		
15	16QAM	1	0	23.28	23.37	23.40		
15	16QAM	1	37	23.32	23.33	23.29	24.2	0
15	16QAM	1	74	23.21	23.39	23.17		
15	16QAM	36	0	23.01	22.90	22.93		
15	16QAM	36	20	22.77	22.97	22.83	23.7	0.5
15	16QAM	36	39	22.79	22.89	22.86		
15	16QAM	75	0	23.00	22.99	22.80		
15	64QAM	1	0	22.91	22.91	22.67		
15	64QAM	1	37	22.74	22.84	22.74	23.7	0.5
15	64QAM	1	74	22.81	22.86	22.80		
15	64QAM	36	0	21.90	21.95	21.98		
15	64QAM	36	20	21.77	21.88	21.72	22.7	1.5
15	64QAM	36	39	21.75	21.84	21.80		
15	64QAM	75	0	21.82	21.92	21.74		
15	256QAM	1	0	19.94	20.00	19.95		
15	256QAM	1	37	19.78	19.92	19.76	20.7	3.5
15	256QAM	1	74	19.75	19.85	19.88		
15	256QAM	36	0	19.92	19.93	19.95		
15	256QAM	36	20	19.88	19.88	19.72	20.7	3.5
15	256QAM	36	39	19.73	19.91	19.71		
15	256QAM	75	0	19.74	19.83	19.80		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.44	23.47	23.47		
10	QPSK	1	25	23.31	23.46	23.25	24.2	0
10	QPSK	1	49	23.29	23.41	23.32		
10	QPSK	25	0	23.38	23.38	23.39		
10	QPSK	25	12	23.34	23.37	23.27	24.2	0
10	QPSK	25	25	23.28	23.38	23.30		
10	QPSK	50	0	23.29	23.38	23.35		
10	16QAM	1	0	23.28	23.45	23.36		
10	16QAM	1	25	23.31	23.35	23.20	24.2	0
10	16QAM	1	49	23.31	23.30	23.22		
10	16QAM	25	0	22.97	22.87	22.96		
10	16QAM	25	12	22.77	22.92	22.82	23.7	0.5
10	16QAM	25	25	22.77	22.98	22.77		
10	16QAM	50	0	22.92	22.97	22.83		
10	64QAM	1	0	22.82	22.92	22.64		
10	64QAM	1	25	22.76	22.79	22.74	23.7	0.5
10	64QAM	1	49	22.66	22.87	22.87		
10	64QAM	25	0	21.97	21.97	21.91		
10	64QAM	25	12	21.85	21.98	21.77	22.7	1.5
10	64QAM	25	25	21.80	21.85	21.78		
10	64QAM	50	0	21.85	21.95	21.79		
10	256QAM	1	0	19.95	20.01	19.97		
10	256QAM	1	25	19.72	19.93	19.80	20.7	3.5
10	256QAM	1	49	19.80	19.83	19.92		
10	256QAM	25	0	19.90	20.01	19.91		
10	256QAM	25	12	19.74	19.84	19.75	20.7	3.5
10	256QAM	25	25	19.76	19.81	19.80		
10	256QAM	50	0	19.84	19.82	19.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.46	23.48	23.44		
5	QPSK	1	12	23.33	23.36	23.31	24.2	0
5	QPSK	1	24	23.24	23.36	23.27		
5	QPSK	12	0	23.44	23.45	23.29		
5	QPSK	12	7	23.28	23.35	23.20	24.2	0
5	QPSK	12	13	23.28	23.39	23.32		
5	QPSK	25	0	23.36	23.42	23.33		
5	16QAM	1	0	23.37	23.37	23.40		
5	16QAM	1	12	23.28	23.35	23.23	24.2	0
5	16QAM	1	24	23.18	23.38	23.16		
5	16QAM	12	0	22.96	22.93	22.91		
5	16QAM	12	7	22.80	22.95	22.84	23.7	0.5
5	16QAM	12	13	22.80	22.93	22.78		
5	16QAM	25	0	22.90	22.96	22.89		
5	64QAM	1	0	22.88	22.86	22.72		
5	64QAM	1	12	22.77	22.76	22.78	23.7	0.5
5	64QAM	1	24	22.70	22.88	22.81		
5	64QAM	12	0	21.87	21.99	21.93		
5	64QAM	12	7	21.76	21.89	21.75	22.7	1.5
5	64QAM	12	13	21.77	21.82	21.80		
5	64QAM	25	0	21.85	21.88	21.74		
5	256QAM	1	0	19.85	19.92	19.94		
5	256QAM	1	12	19.76	20.03	19.74	20.7	3.5
5	256QAM	1	24	19.75	19.84	19.84		
5	256QAM	12	0	19.83	19.94	19.75		
5	256QAM	12	7	19.78	19.85	19.79	20.7	3.5
5	256QAM	12	13	19.83	19.93	19.74		
5	256QAM	25	0	19.81	19.83	19.84		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.39	23.43	23.38		
3	QPSK	1	8	23.29	23.42	23.35	24.2	0
3	QPSK	1	14	23.30	23.42	23.34		
3	QPSK	8	0	23.32	23.42	23.37		
3	QPSK	8	4	23.33	23.33	23.26	24.2	0
3	QPSK	8	7	23.20	23.30	23.33		
3	QPSK	15	0	23.37	23.41	23.34		
3	16QAM	1	0	23.36	23.36	23.32		
3	16QAM	1	8	23.32	23.41	23.26	24.2	0
3	16QAM	1	14	23.21	23.29	23.13		
3	16QAM	8	0	22.96	22.91	22.93		
3	16QAM	8	4	22.76	22.91	22.83	23.7	0.5
3	16QAM	8	7	22.76	22.87	22.77		
3	16QAM	15	0	22.97	22.95	22.82		
3	64QAM	1	0	22.85	22.93	22.65		
3	64QAM	1	8	22.85	22.75	22.71	23.7	0.5
3	64QAM	1	14	22.84	22.90	22.81		
3	64QAM	8	0	21.89	21.99	21.89		
3	64QAM	8	4	21.76	21.99	21.76	22.7	1.5
3	64QAM	8	7	21.81	21.88	21.80		
3	64QAM	15	0	21.88	21.88	21.83		
3	256QAM	1	0	19.90	19.93	19.97		
3	256QAM	1	8	19.79	19.97	19.83	20.7	3.5
3	256QAM	1	14	19.76	19.83	19.88		
3	256QAM	8	0	19.96	19.95	19.84		
3	256QAM	8	4	19.89	19.91	19.75	20.7	3.5
3	256QAM	8	7	19.84	19.81	19.75		
3	256QAM	15	0	19.75	19.86	19.85		
Channel				19907	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.47	23.52	23.44		
1.4	QPSK	1	3	23.31	23.40	23.31		
1.4	QPSK	1	5	23.29	23.37	23.37	24.2	0
1.4	QPSK	3	0	23.36	23.47	23.32		
1.4	QPSK	3	1	23.35	23.32	23.25		
1.4	QPSK	3	3	23.23	23.37	23.29		
1.4	QPSK	6	0	23.27	23.38	23.31	24.2	0
1.4	16QAM	1	0	23.28	23.45	23.41		
1.4	16QAM	1	3	23.33	23.34	23.20		
1.4	16QAM	1	5	23.15	23.33	23.14	24.2	0
1.4	16QAM	3	0	23.23	23.40	23.37		
1.4	16QAM	3	1	23.20	23.25	23.07		
1.4	16QAM	3	3	23.09	23.19	23.10		
1.4	16QAM	6	0	22.89	22.98	22.83	24.2	0
1.4	64QAM	1	0	22.79	22.94	22.72		
1.4	64QAM	1	3	22.75	22.80	22.74		
1.4	64QAM	1	5	22.89	22.96	22.78	24.2	0
1.4	64QAM	3	0	22.83	22.84	22.72		
1.4	64QAM	3	1	22.70	22.80	22.68		
1.4	64QAM	3	3	22.69	22.76	22.64		
1.4	64QAM	6	0	21.84	21.97	21.76	24.2	0
1.4	256QAM	1	0	19.95	19.98	19.90		
1.4	256QAM	1	3	19.76	20.04	19.75		
1.4	256QAM	1	5	19.79	19.89	19.82	22.7	1.5
1.4	256QAM	3	0	19.91	19.96	19.92		
1.4	256QAM	3	1	19.80	19.90	19.72		
1.4	256QAM	3	3	19.80	19.90	19.74		
1.4	256QAM	6	0	19.72	19.89	19.84	22.7	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.14	21.16	21.11		
20	QPSK	1	49	20.97	21.00	20.90	21.7	0
20	QPSK	1	99	21.05	21.02	21.05		
20	QPSK	50	0	21.08	21.12	21.07		
20	QPSK	50	24	20.91	20.88	20.87	21.7	0
20	QPSK	50	50	20.94	21.01	20.82		
20	QPSK	100	0	21.06	21.08	20.98		
20	16QAM	1	0	21.06	21.06	21.07		
20	16QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.83	21.00	20.86	21.7	0
20	QPSK	1	49	20.80	20.97	20.80		
20	QPSK	1	99	20.83	20.87	20.67		
20	QPSK	50	0	20.76	20.95	20.81	21.7	0
20	QPSK	50	24	20.75	20.92	20.63		
20	QPSK	50	50	20.64	20.88	20.66		
20	QPSK	100	0	20.89	20.86	20.74		
20	16QAM	1	0	20.75	20.87	20.80	21.7	0
20	16QAM	1	49	20.69	20.95	20.71		
20	16QAM	1	99	20.80	20.78	20.54		
20	16QAM	50	0	20.67	20.87	20.68	21.7	0
20	16QAM	50	24	20.64	20.89	20.61		
20	16QAM	50	50	20.52	20.81	20.57		
20	16QAM	100	0	20.86	20.75	20.63		
20	64QAM	1	0	20.77	20.86	20.80	21.7	0
20	64QAM	1	49	20.74	20.87	20.75		
20	64QAM	1	99	20.79	20.85	20.65		
20	64QAM	50	0	20.74	20.90	20.73	21.7	0
20	64QAM	50	24	20.63	20.85	20.49		
20	64QAM	50	50	20.53	20.86	20.53		
20	64QAM	100	0	20.81	20.78	20.70		
20	256QAM	1	0	19.80	19.97	19.84	20.7	1
20	256QAM	1	49	19.84	20.01	19.82		
20	256QAM	1	99	19.78	19.83	19.61		
20	256QAM	50	0	19.78	20.00	19.80	20.7	1
20	256QAM	50	24	19.76	19.93	19.67		
20	256QAM	50	50	19.60	19.83	19.64		
20	256QAM	100	0	19.94	19.90	19.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.73	20.95	20.81	21.7	0
15	QPSK	1	37	20.74	20.88	20.67		
15	QPSK	1	74	20.76	20.74	20.54		
15	QPSK	36	0	20.71	20.88	20.67	21.7	0
15	QPSK	36	20	20.65	20.90	20.49		
15	QPSK	36	39	20.57	20.74	20.64		
15	QPSK	75	0	20.80	20.77	20.64		
15	16QAM	1	0	20.66	20.73	20.75	21.7	0
15	16QAM	1	37	20.65	20.92	20.67		
15	16QAM	1	74	20.74	20.64	20.48		
15	16QAM	36	0	20.58	20.79	20.55	21.7	0
15	16QAM	36	20	20.53	20.79	20.49		
15	16QAM	36	39	20.39	20.67	20.47		
15	16QAM	75	0	20.82	20.70	20.51		
15	64QAM	1	0	20.67	20.79	20.72	21.7	0
15	64QAM	1	37	20.68	20.75	20.67		
15	64QAM	1	74	20.67	20.76	20.55		
15	64QAM	36	0	20.71	20.78	20.63	21.7	0
15	64QAM	36	20	20.49	20.77	20.44		
15	64QAM	36	39	20.47	20.73	20.41		
15	64QAM	75	0	20.74	20.69	20.56		
15	256QAM	1	0	19.68	19.83	19.75	20.7	1
15	256QAM	1	37	19.75	19.92	19.79		
15	256QAM	1	74	19.70	19.79	19.56		
15	256QAM	36	0	19.73	19.94	19.73	20.7	1
15	256QAM	36	20	19.64	19.87	19.57		
15	256QAM	36	39	19.47	19.80	19.54		
15	256QAM	75	0	19.85	19.80	19.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.80	20.90	20.75	21.7	0
10	QPSK	1	25	20.68	20.84	20.69		
10	QPSK	1	49	20.75	20.73	20.58		
10	QPSK	25	0	20.65	20.92	20.70	21.7	0
10	QPSK	25	12	20.72	20.84	20.52		
10	QPSK	25	25	20.53	20.76	20.53		
10	QPSK	50	0	20.83	20.72	20.66		
10	16QAM	1	0	20.70	20.75	20.76	21.7	0
10	16QAM	1	25	20.64	20.84	20.66		
10	16QAM	1	49	20.67	20.64	20.41		
10	16QAM	25	0	20.59	20.76	20.60	21.7	0
10	16QAM	25	12	20.53	20.86	20.55		
10	16QAM	25	25	20.49	20.74	20.45		
10	16QAM	50	0	20.75	20.66	20.55		
10	64QAM	1	0	20.72	20.76	20.66	21.7	0
10	64QAM	1	25	20.68	20.84	20.68		
10	64QAM	1	49	20.72	20.73	20.58		
10	64QAM	25	0	20.63	20.83	20.65	21.7	0
10	64QAM	25	12	20.53	20.72	20.46		
10	64QAM	25	25	20.47	20.74	20.40		
10	64QAM	50	0	20.75	20.69	20.60		
10	256QAM	1	0	19.75	19.88	19.81	20.7	1
10	256QAM	1	25	19.71	19.95	19.74		
10	256QAM	1	49	19.74	19.74	19.56		
10	256QAM	25	0	19.66	19.91	19.69	20.7	1
10	256QAM	25	12	19.69	19.90	19.53		
10	256QAM	25	25	19.50	19.80	19.56		
10	256QAM	50	0	19.86	19.77	19.61		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.71	20.89	20.80	21.7	0
5	QPSK	1	12	20.70	20.93	20.76		
5	QPSK	1	24	20.81	20.77	20.53		
5	QPSK	12	0	20.69	20.86	20.69	21.7	0
5	QPSK	12	7	20.67	20.89	20.55		
5	QPSK	12	13	20.58	20.81	20.62		
5	QPSK	25	0	20.80	20.76	20.70		
5	16QAM	1	0	20.69	20.83	20.75	21.7	0
5	16QAM	1	12	20.62	20.86	20.65		
5	16QAM	1	24	20.74	20.67	20.51		
5	16QAM	12	0	20.63	20.84	20.65	21.7	0
5	16QAM	12	7	20.53	20.86	20.54		
5	16QAM	12	13	20.39	20.79	20.43		
5	16QAM	25	0	20.76	20.70	20.49		
5	64QAM	1	0	20.71	20.72	20.68	21.7	0
5	64QAM	1	12	20.67	20.77	20.65		
5	64QAM	1	24	20.69	20.77	20.56		
5	64QAM	12	0	20.60	20.86	20.70	21.7	0
5	64QAM	12	7	20.50	20.78	20.46		
5	64QAM	12	13	20.47	20.83	20.50		
5	64QAM	25	0	20.70	20.74	20.66		
5	256QAM	1	0	19.78	19.86	19.73	20.7	1
5	256QAM	1	12	19.79	19.99	19.78		
5	256QAM	1	24	19.71	19.69	19.51		
5	256QAM	12	0	19.75	19.92	19.71	20.7	1
5	256QAM	12	7	19.67	19.82	19.55		
5	256QAM	12	13	19.57	19.78	19.57		
5	256QAM	25	0	19.89	19.88	19.63		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.86	20.91	21.01	20.75	20.92	21.7	0
20	QPSK	1	49	20.79	20.75	20.90	20.67	20.89		
20	QPSK	1	99	20.75	20.86	20.95	20.80	20.92		
20	QPSK	50	0	20.87	20.82	20.97	20.73	20.85	21.7	0
20	QPSK	50	24	20.80	20.69	20.81	20.65	20.79		
20	QPSK	50	50	20.68	20.77	20.92	20.79	20.81		
20	QPSK	100	0	20.84	20.86	20.94	20.75	20.82		
20	16QAM	1	0	20.75	20.83	20.94	20.61	20.82	21.7	0
20	16QAM	1	49	20.72	20.71	20.88	20.54	20.80		
20	16QAM	1	99	20.65	20.80	20.86	20.67	20.86		
20	16QAM	50	0	20.82	20.80	20.93	20.67	20.74	21.7	0
20	16QAM	50	24	20.69	20.56	20.75	20.53	20.67		
20	16QAM	50	50	20.55	20.66	20.86	20.69	20.77		
20	16QAM	100	0	20.70	20.82	20.80	20.63	20.76		
20	64QAM	1	0	20.82	20.77	20.93	20.67	20.78	21.7	0
20	64QAM	1	49	20.75	20.61	20.76	20.64	20.80		
20	64QAM	1	99	20.70	20.74	20.84	20.68	20.87		
20	64QAM	50	0	20.76	20.71	20.84	20.67	20.74	21.7	0
20	64QAM	50	24	20.70	20.55	20.76	20.60	20.71		
20	64QAM	50	50	20.56	20.71	20.87	20.66	20.73		
20	64QAM	100	0	20.77	20.82	20.85	20.66	20.68		
20	256QAM	1	0	19.91	19.86	19.96	19.70	19.88	20.7	1
20	256QAM	1	49	19.77	19.81	19.88	19.63	19.84		
20	256QAM	1	99	19.69	19.80	19.97	19.84	19.93		
20	256QAM	50	0	19.84	19.76	19.99	19.76	19.89	20.7	1
20	256QAM	50	24	19.81	19.64	19.80	19.66	19.77		
20	256QAM	50	50	19.65	19.73	19.91	19.80	19.79		
20	256QAM	100	0	19.83	19.82	19.98	19.75	19.85		
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	20.80	20.89	20.95	20.62	20.81	21.70	0
15	QPSK	1	37	20.65	20.63	20.85	20.59	20.80		
15	QPSK	1	74	20.71	20.80	20.87	20.68	20.83		
15	QPSK	36	0	20.80	20.78	20.94	20.60	20.81	21.7	0
15	QPSK	36	20	20.69	20.66	20.68	20.60	20.74		
15	QPSK	36	39	20.61	20.71	20.83	20.67	20.76		
15	QPSK	75	0	20.79	20.77	20.81	20.69	20.69		
15	16QAM	1	0	20.62	20.72	20.84	20.55	20.77	21.7	0
15	16QAM	1	37	20.62	20.58	20.83	20.41	20.75		
15	16QAM	1	74	20.52	20.72	20.78	20.55	20.80		
15	16QAM	36	0	20.74	20.72	20.83	20.57	20.70	21.7	0
15	16QAM	36	20	20.56	20.43	20.64	20.49	20.59		
15	16QAM	36	39	20.49	20.57	20.76	20.65	20.75		
15	16QAM	75	0	20.58	20.78	20.75	20.54	20.63		
15	64QAM	1	0	20.71	20.69	20.84	20.62	20.71	21.7	0
15	64QAM	1	37	20.69	20.48	20.73	20.57	20.71		
15	64QAM	1	74	20.63	20.69	20.73	20.66	20.77		
15	64QAM	36	0	20.63	20.60	20.72	20.59	20.61	21.7	0
15	64QAM	36	20	20.65	20.49	20.63	20.49	20.60		
15	64QAM	36	39	20.45	20.67	20.77	20.61	20.60		
15	64QAM	75	0	20.71	20.70	20.73	20.64	20.64		
15	256QAM	1	0	19.79	19.74	19.92	19.59	19.81	20.7	1
15	256QAM	1	37	19.67	19.76	19.83	19.54	19.71		
15	256QAM	1	74	19.58	19.71	19.95	19.74	19.82		
15	256QAM	36	0	19.79	19.66	19.89	19.71	19.83	20.7	1
15	256QAM	36	20	19.69	19.56	19.76	19.55	19.70		
15	256QAM	36	39	19.61	19.59	19.86	19.71	19.75		
15	256QAM	75	0	19.72	19.76	19.94	19.62	19.80		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.83	20.78	20.92	20.62	20.90	21.70	0
10	QPSK	1	25	20.75	20.61	20.85	20.62	20.84		
10	QPSK	1	49	20.70	20.79	20.90	20.74	20.81		
10	QPSK	25	0	20.77	20.72	20.87	20.66	20.82	21.7	0
10	QPSK	25	12	20.74	20.58	20.76	20.59	20.67		
10	QPSK	25	25	20.60	20.71	20.85	20.69	20.68		
10	QPSK	50	0	20.80	20.73	20.82	20.65	20.77		
10	16QAM	1	0	20.67	20.77	20.87	20.55	20.69	21.7	0
10	16QAM	1	25	20.68	20.64	20.79	20.45	20.78		
10	16QAM	1	49	20.54	20.72	20.75	20.60	20.78		
10	16QAM	25	0	20.77	20.69	20.90	20.63	20.60	21.7	0
10	16QAM	25	12	20.58	20.47	20.67	20.47	20.54		
10	16QAM	25	25	20.43	20.58	20.83	20.55	20.66		
10	16QAM	50	0	20.67	20.78	20.67	20.59	20.63		
10	64QAM	1	0	20.77	20.68	20.88	20.60	20.72	21.7	0
10	64QAM	1	25	20.61	20.49	20.65	20.59	20.75		
10	64QAM	1	49	20.66	20.71	20.74	20.59	20.79		
10	64QAM	25	0	20.70	20.59	20.81	20.62	20.65	21.7	0
10	64QAM	25	12	20.59	20.45	20.69	20.48	20.68		
10	64QAM	25	25	20.46	20.68	20.74	20.59	20.69		
10	64QAM	50	0	20.75	20.73	20.76	20.52	20.63		
10	256QAM	1	0	19.86	19.81	19.92	19.68	19.84	20.7	1
10	256QAM	1	25	19.70	19.68	19.81	19.57	19.72		
10	256QAM	1	49	19.64	19.76	19.86	19.80	19.84		
10	256QAM	25	0	19.75	19.72	19.92	19.64	19.77	20.7	1
10	256QAM	25	12	19.68	19.53	19.74	19.62	19.71		
10	256QAM	25	25	19.61	19.67	19.83	19.71	19.76		
10	256QAM	50	0	19.75	19.78	19.86	19.64	19.75		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.78	20.85	20.91	20.68	20.89	21.70	0
5	QPSK	1	12	20.73	20.64	20.82	20.57	20.79		
5	QPSK	1	24	20.62	20.74	20.91	20.77	20.89		
5	QPSK	12	0	20.82	20.71	20.91	20.70	20.78	21.7	0
5	QPSK	12	7	20.72	20.57	20.78	20.54	20.71		
5	QPSK	12	13	20.59	20.74	20.86	20.73	20.78		
5	QPSK	25	0	20.73	20.77	20.90	20.69	20.70		
5	16QAM	1	0	20.67	20.77	20.90	20.55	20.71	21.7	0
5	16QAM	1	12	20.68	20.65	20.82	20.40	20.69		
5	16QAM	1	24	20.55	20.75	20.73	20.54	20.80		
5	16QAM	12	0	20.75	20.67	20.80	20.65	20.65	21.7	0
5	16QAM	12	7	20.67	20.52	20.65	20.41	20.56		
5	16QAM	12	13	20.52	20.53	20.81	20.62	20.68		
5	16QAM	25	0	20.57	20.77	20.77	20.58	20.73		
5	64QAM	1	0	20.68	20.71	20.90	20.55	20.75	21.7	0
5	64QAM	1	12	20.65	20.51	20.66	20.50	20.73		
5	64QAM	1	24	20.64	20.61	20.75	20.55	20.81		
5	64QAM	12	0	20.73	20.57	20.79	20.62	20.68	21.7	0
5	64QAM	12	7	20.57	20.52	20.72	20.56	20.68		
5	64QAM	12	13	20.42	20.63	20.84	20.58	20.59		
5	64QAM	25	0	20.69	20.75	20.72	20.61	20.58		
5	256QAM	1	0	19.87	19.75	19.83	19.65	19.80	20.7	1
5	256QAM	1	12	19.64	19.72	19.77	19.52	19.75		
5	256QAM	1	24	19.57	19.77	19.86	19.76	19.85		
5	256QAM	12	0	19.74	19.65	19.88	19.63	19.77	20.7	1
5	256QAM	12	7	19.74	19.59	19.74	19.62	19.65		
5	256QAM	12	13	19.62	19.59	19.89	19.76	19.69		
5	256QAM	25	0	19.79	19.74	19.96	19.67	19.83		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.13	21.19	21.09		
20	QPSK	1	49	21.11	21.17	21.08	22.5	0
20	QPSK	1	99	20.92	21.14	21.10		
20	QPSK	50	0	21.11	21.15	21.06		
20	QPSK	50	24	21.07	21.13	21.01	22.5	0
20	QPSK	50	50	20.84	21.09	21.01		
20	QPSK	100	0	21.00	21.13	21.00		
20	16QAM	1	0	21.07	21.11	21.02		
20	16QAM	1	49	21.09	21.05	20.96	22.5	0
20	16QAM	1	99	20.79	21.09	20.96		
20	16QAM	50	0	21.04	21.05	21.01		
20	16QAM	50	24	20.95	21.09	20.88	22.5	0
20	16QAM	50	50	20.71	21.03	20.89		
20	16QAM	100	0	20.90	21.00	20.88		
20	64QAM	1	0	21.08	21.12	20.99		
20	64QAM	1	49	20.98	21.15	21.05	22.5	0
20	64QAM	1	99	20.81	21.09	20.99		
20	64QAM	50	0	21.06	21.11	20.99		
20	64QAM	50	24	21.01	21.09	20.97	22.5	0
20	64QAM	50	50	20.71	20.99	20.95		
20	64QAM	100	0	20.97	21.00	20.92		
20	256QAM	1	0	19.13	19.23	19.10		
20	256QAM	1	49	19.12	19.15	19.03	20.5	2
20	256QAM	1	99	18.93	19.11	19.15		
20	256QAM	50	0	19.06	19.20	19.01		
20	256QAM	50	24	19.05	19.08	19.05	20.5	2
20	256QAM	50	50	18.82	19.13	18.97		
20	256QAM	100	0	18.97	19.14	19.04		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.07	21.06	21.04		
15	QPSK	1	37	21.00	21.09	20.95	22.5	0
15	QPSK	1	74	20.80	21.12	21.05		
15	QPSK	36	0	21.03	21.09	21.04		
15	QPSK	36	20	20.94	21.00	20.96	22.5	0
15	QPSK	36	39	20.71	20.98	20.96		
15	QPSK	75	0	20.89	21.01	20.97		
15	16QAM	1	0	20.98	21.03	20.95		
15	16QAM	1	37	21.04	20.95	20.91	22.5	0
15	16QAM	1	74	20.70	21.06	20.89		
15	16QAM	36	0	20.90	20.98	20.89		
15	16QAM	36	20	20.91	21.00	20.84	22.5	0
15	16QAM	36	39	20.68	20.95	20.80		
15	16QAM	75	0	20.83	20.87	20.86		
15	64QAM	1	0	21.00	20.98	20.91		
15	64QAM	1	37	20.93	21.04	20.97	22.5	0
15	64QAM	1	74	20.75	21.03	20.91		
15	64QAM	36	0	20.92	21.05	20.95		
15	64QAM	36	20	20.91	20.99	20.86	22.5	0
15	64QAM	36	39	20.63	20.92	20.81		
15	64QAM	75	0	20.92	20.97	20.82		
15	256QAM	1	0	19.03	19.18	19.01		
15	256QAM	1	37	18.99	19.01	18.92	20.5	2
15	256QAM	1	74	18.86	18.97	19.11		
15	256QAM	36	0	18.96	19.11	18.88		
15	256QAM	36	20	18.92	19.05	18.92	20.5	2
15	256QAM	36	39	18.74	19.10	18.92		
15	256QAM	75	0	18.89	19.04	18.90		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.07	21.09	20.95		
10	QPSK	1	25	21.04	21.07	21.00	22.5	0
10	QPSK	1	49	20.90	21.06	21.03		
10	QPSK	25	0	21.05	21.09	20.93		
10	QPSK	25	12	20.96	21.00	20.93	22.5	0
10	QPSK	25	25	20.77	20.95	20.92		
10	QPSK	50	0	20.97	21.06	20.93		
10	16QAM	1	0	21.05	21.08	20.92		
10	16QAM	1	25	21.01	21.00	20.93	22.5	0
10	16QAM	1	49	20.74	21.02	20.94		
10	16QAM	25	0	20.97	21.00	20.95		
10	16QAM	25	12	20.87	20.98	20.78	22.5	0
10	16QAM	25	25	20.61	20.97	20.84		
10	16QAM	50	0	20.78	20.92	20.77		
10	64QAM	1	0	21.01	21.05	20.86		
10	64QAM	1	25	20.89	21.01	21.01	22.5	0
10	64QAM	1	49	20.70	21.01	20.88		
10	64QAM	25	0	21.02	20.99	20.91		
10	64QAM	25	12	20.88	21.00	20.95	22.5	0
10	64QAM	25	25	20.69	20.94	20.92		
10	64QAM	50	0	20.95	20.89	20.80		
10	256QAM	1	0	19.03	19.17	18.99		
10	256QAM	1	25	19.03	19.09	18.91	20.5	2
10	256QAM	1	49	18.86	19.07	19.10		
10	256QAM	25	0	18.97	19.17	18.92		
10	256QAM	25	12	19.00	18.88	18.98	20.5	2
10	256QAM	25	25	18.68	19.11	18.88		
10	256QAM	50	0	18.87	19.06	18.93		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.09	21.10	20.99		
5	QPSK	1	12	20.99	21.11	20.97	22.5	0
5	QPSK	1	24	20.82	21.04	20.99		
5	QPSK	12	0	21.02	21.03	21.01		
5	QPSK	12	7	20.98	21.08	20.97	22.5	0
5	QPSK	12	13	20.70	21.00	20.90		
5	QPSK	25	0	20.87	21.10	20.87		
5	16QAM	1	0	21.05	21.08	20.90		
5	16QAM	1	12	21.00	20.98	20.83	22.5	0
5	16QAM	1	24	20.76	21.04	20.90		
5	16QAM	12	0	20.90	21.00	20.95		
5	16QAM	12	7	20.89	20.96	20.75	22.5	0
5	16QAM	12	13	20.65	20.92	20.80		
5	16QAM	25	0	20.86	20.90	20.76		
5	64QAM	1	0	20.97	21.02	20.93		
5	64QAM	1	12	20.95	21.12	20.97	22.5	0
5	64QAM	1	24	20.78	21.07	20.88		
5	64QAM	12	0	20.94	20.98	20.92		
5	64QAM	12	7	20.97	20.99	20.91	22.5	0
5	64QAM	12	13	20.68	20.94	20.85		
5	64QAM	25	0	20.93	20.93	20.89		
5	256QAM	1	0	19.08	19.21	19.04		
5	256QAM	1	12	19.05	19.11	18.97	20.5	2
5	256QAM	1	24	18.91	18.98	19.09		
5	256QAM	12	0	19.03	19.06	18.91		
5	256QAM	12	7	18.93	18.95	18.94	20.5	2
5	256QAM	12	13	18.69	19.02	18.90		
5	256QAM	25	0	18.89	19.01	18.96		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.05	21.16	21.03		
3	QPSK	1	8	21.05	21.06	21.05	22.5	0
3	QPSK	1	14	20.81	21.10	21.00		
3	QPSK	8	0	21.02	21.09	20.99		
3	QPSK	8	4	21.00	21.01	20.89	22.5	0
3	QPSK	8	7	20.82	21.03	20.91		
3	QPSK	15	0	20.89	21.07	20.94		
3	16QAM	1	0	20.98	21.04	20.91		
3	16QAM	1	8	20.98	20.98	20.83	22.5	0
3	16QAM	1	14	20.71	21.05	20.85		
3	16QAM	8	0	20.91	21.01	20.94		
3	16QAM	8	4	20.92	20.96	20.76	22.5	0
3	16QAM	8	7	20.62	20.92	20.83		
3	16QAM	15	0	20.80	20.97	20.77		
3	64QAM	1	0	21.03	21.10	20.93		
3	64QAM	1	8	20.85	21.13	20.94	22.5	0
3	64QAM	1	14	20.79	20.96	20.86		
3	64QAM	8	0	20.96	21.02	20.97		
3	64QAM	8	4	20.91	21.02	20.87	22.5	0
3	64QAM	8	7	20.60	20.90	20.88		
3	64QAM	15	0	20.91	20.91	20.79		
3	256QAM	1	0	19.06	19.12	19.04		
3	256QAM	1	8	18.98	19.02	18.90	20.5	2
3	256QAM	1	14	18.87	19.08	19.12		
3	256QAM	8	0	19.02	19.06	18.96		
3	256QAM	8	4	19.00	19.02	18.94	20.5	2
3	256QAM	8	7	18.72	19.03	18.86		
3	256QAM	15	0	18.86	19.04	18.90		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.03	21.08	20.97		
1.4	QPSK	1	3	20.97	21.14	21.03		
1.4	QPSK	1	5	20.85	21.11	20.98	22.5	0
1.4	QPSK	3	0	21.03	21.06	21.02		
1.4	QPSK	3	1	21.05	21.06	20.93		
1.4	QPSK	3	3	20.79	21.01	20.93		
1.4	QPSK	6	0	20.91	21.09	20.91	22.5	0
1.4	16QAM	1	0	21.00	21.07	20.91		
1.4	16QAM	1	3	21.07	21.02	20.85		
1.4	16QAM	1	5	20.69	20.98	20.92	22.5	0
1.4	16QAM	3	0	20.93	20.93	20.96		
1.4	16QAM	3	1	20.84	21.06	20.80		
1.4	16QAM	3	3	20.67	20.93	20.86		
1.4	16QAM	6	0	20.78	20.96	20.84	22.5	0
1.4	64QAM	1	0	21.05	21.04	20.92		
1.4	64QAM	1	3	20.92	21.05	20.94		
1.4	64QAM	1	5	20.73	20.95	20.88	22.5	0
1.4	64QAM	3	0	21.03	20.99	20.93		
1.4	64QAM	3	1	20.87	21.01	20.90		
1.4	64QAM	3	3	20.64	20.88	20.92		
1.4	64QAM	6	0	20.86	20.86	20.86	22.5	0
1.4	256QAM	1	0	19.01	19.14	19.06		
1.4	256QAM	1	3	19.08	19.09	18.93		
1.4	256QAM	1	5	18.81	19.02	19.03	20.5	2
1.4	256QAM	3	0	18.94	19.06	18.97		
1.4	256QAM	3	1	18.93	18.95	18.95		
1.4	256QAM	3	3	18.77	19.01	18.88		
1.4	256QAM	6	0	18.86	19.10	19.01	20.5	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.52	19.66	19.62		
20	QPSK	1	49	19.33	19.61	19.59	21	0
20	QPSK	1	99	19.47	19.61	19.58		
20	QPSK	50	0	19.48	19.63	19.59		
20	QPSK	50	24	19.19	19.54	19.51	21	0
20	QPSK	50	50	19.42	19.51	19.49		
20	QPSK	100	0	19.49	19.62	19.57		
20	16QAM	1	0	19.39	19.61	19.51		
20	16QAM	1	49	19.23	19.49	19.53	21	0
20	16QAM	1	99	19.40	19.57	19.46		
20	16QAM	50	0	19.37	19.51	19.55		
20	16QAM	50	24	19.14	19.50	19.49	21	0
20	16QAM	50	50	19.29	19.40	19.37		
20	16QAM	100	0	19.45	19.54	19.49		
20	64QAM	1	0	19.47	19.56	19.53		
20	64QAM	1	49	19.24	19.48	19.56	21	0
20	64QAM	1	99	19.34	19.51	19.45		
20	64QAM	50	0	19.44	19.59	19.49		
20	64QAM	50	24	19.08	19.46	19.44	21	0
20	64QAM	50	50	19.37	19.39	19.44		
20	64QAM	100	0	19.41	19.53	19.46		
20	256QAM	1	0	18.98	19.21	19.08		
20	256QAM	1	49	18.79	19.13	19.12	20.5	0.5
20	256QAM	1	99	18.99	19.15	19.14		
20	256QAM	50	0	18.95	19.11	19.04		
20	256QAM	50	24	18.64	19.03	19.03	20.5	0.5
20	256QAM	50	50	18.94	18.96	19.01		
20	256QAM	100	0	19.01	19.11	19.01		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.41	19.53	19.60		
15	QPSK	1	37	19.20	19.53	19.55	21	0
15	QPSK	1	74	19.41	19.51	19.48		
15	QPSK	36	0	19.44	19.57	19.47		
15	QPSK	36	20	19.06	19.46	19.49	21	0
15	QPSK	36	39	19.32	19.45	19.42		
15	QPSK	75	0	19.37	19.53	19.51		
15	16QAM	1	0	19.28	19.53	19.47		
15	16QAM	1	37	19.10	19.40	19.41	21	0
15	16QAM	1	74	19.31	19.45	19.34		
15	16QAM	36	0	19.30	19.45	19.48		
15	16QAM	36	20	19.10	19.42	19.41	21	0
15	16QAM	36	39	19.24	19.36	19.28		
15	16QAM	75	0	19.32	19.50	19.44		
15	64QAM	1	0	19.33	19.53	19.43		
15	64QAM	1	37	19.14	19.36	19.50	21	0
15	64QAM	1	74	19.26	19.37	19.36		
15	64QAM	36	0	19.40	19.48	19.43		
15	64QAM	36	20	19.04	19.41	19.37	21	0
15	64QAM	36	39	19.34	19.32	19.37		
15	64QAM	75	0	19.30	19.44	19.34		
15	256QAM	1	0	18.95	19.09	19.01		
15	256QAM	1	37	18.69	19.11	19.03	20.5	0.5
15	256QAM	1	74	18.91	19.02	19.06		
15	256QAM	36	0	18.89	19.05	18.90		
15	256QAM	36	20	18.52	18.97	18.98	20.5	0.5
15	256QAM	36	39	18.86	18.86	18.90		
15	256QAM	75	0	18.88	18.97	18.89		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.48	19.60	19.56		
10	QPSK	1	25	19.24	19.53	19.46	21	0
10	QPSK	1	49	19.35	19.54	19.46		
10	QPSK	25	0	19.43	19.52	19.52		
10	QPSK	25	12	19.07	19.44	19.38	21	0
10	QPSK	25	25	19.36	19.44	19.43		
10	QPSK	50	0	19.38	19.51	19.47		
10	16QAM	1	0	19.31	19.50	19.46		
10	16QAM	1	25	19.14	19.43	19.44	21	0
10	16QAM	1	49	19.31	19.48	19.40		
10	16QAM	25	0	19.25	19.40	19.45		
10	16QAM	25	12	19.11	19.42	19.39	21	0
10	16QAM	25	25	19.21	19.29	19.30		
10	16QAM	50	0	19.34	19.41	19.39		
10	64QAM	1	0	19.34	19.53	19.40		
10	64QAM	1	25	19.15	19.41	19.45	21	0
10	64QAM	1	49	19.30	19.38	19.38		
10	64QAM	25	0	19.41	19.53	19.45		
10	64QAM	25	12	19.05	19.41	19.40	21	0
10	64QAM	25	25	19.24	19.34	19.35		
10	64QAM	50	0	19.34	19.50	19.36		
10	256QAM	1	0	18.96	19.18	19.05		
10	256QAM	1	25	18.74	19.00	19.08	20.5	0.5
10	256QAM	1	49	18.91	19.06	19.11		
10	256QAM	25	0	18.93	18.99	18.94		
10	256QAM	25	12	18.68	18.98	18.94	20.5	0.5
10	256QAM	25	25	18.84	18.89	18.94		
10	256QAM	50	0	18.97	19.05	18.97		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.44	19.64	19.49		
5	QPSK	1	12	19.21	19.52	19.57	21	0
5	QPSK	1	24	19.42	19.57	19.51		
5	QPSK	12	0	19.35	19.59	19.50		
5	QPSK	12	7	19.05	19.41	19.38	21	0
5	QPSK	12	13	19.34	19.48	19.46		
5	QPSK	25	0	19.39	19.49	19.44		
5	16QAM	1	0	19.27	19.57	19.44		
5	16QAM	1	12	19.16	19.39	19.45	21	0
5	16QAM	1	24	19.35	19.54	19.35		
5	16QAM	12	0	19.24	19.38	19.44		
5	16QAM	12	7	19.08	19.48	19.41	21	0
5	16QAM	12	13	19.20	19.33	19.23		
5	16QAM	25	0	19.31	19.41	19.45		
5	64QAM	1	0	19.42	19.43	19.41		
5	64QAM	1	12	19.15	19.45	19.53	21	0
5	64QAM	1	24	19.24	19.43	19.33		
5	64QAM	12	0	19.40	19.54	19.45		
5	64QAM	12	7	19.05	19.38	19.36	21	0
5	64QAM	12	13	19.29	19.29	19.32		
5	64QAM	25	0	19.38	19.47	19.34		
5	256QAM	1	0	18.93	19.12	19.05		
5	256QAM	1	12	18.71	19.08	19.06	20.5	0.5
5	256QAM	1	24	18.88	19.02	19.03		
5	256QAM	12	0	18.81	18.98	18.97		
5	256QAM	12	7	18.54	18.99	18.91	20.5	0.5
5	256QAM	12	13	18.82	18.90	18.98		
5	256QAM	25	0	18.88	18.98	18.88		

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BW [MHz]	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	19.15	19.19	19.15	20.5	0
20	QPSK	1	49	19.07	19.09	18.98		
20	QPSK	1	99	19.04	19.08	19.02		
20	QPSK	50	0	19.10	19.15	18.97	20.5	0
20	QPSK	50	24	18.92	18.98	18.94		
20	QPSK	50	50	19.02	19.06	18.97		
20	QPSK	100	0	19.10	19.10	19.06		
20	16QAM	1	0	19.01	19.12	19.12	20.5	0
20	16QAM	1	49	19.00	18.99	18.88		
20	16QAM	1	99	19.01	18.95	18.93		
20	16QAM	50	0	19.00	19.02	18.87	20.5	0
20	16QAM	50	24	18.87	18.92	18.89		
20	16QAM	50	50	18.92	18.93	18.90		
20	16QAM	100	0	19.00	18.99	19.01		
20	64QAM	1	0	19.02	19.12	19.07	20.5	0
20	64QAM	1	49	18.95	18.97	18.93		
20	64QAM	1	99	18.96	18.96	19.00		
20	64QAM	50	0	19.03	19.02	18.90	20.5	0
20	64QAM	50	24	18.88	18.88	18.90		
20	64QAM	50	50	18.92	19.03	18.86		
20	64QAM	100	0	18.96	19.05	18.97		
20	256QAM	1	0	19.02	19.07	19.09	20.5	0
20	256QAM	1	49	18.94	18.95	18.88		
20	256QAM	1	99	18.96	19.02	18.94		
20	256QAM	50	0	19.06	19.10	18.90	20.5	0
20	256QAM	50	24	18.80	18.86	18.83		
20	256QAM	50	50	18.89	18.92	18.88		
20	256QAM	100	0	19.07	19.07	18.95		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.05	19.15	19.05	20.5	0
15	QPSK	1	37	19.01	19.00	18.87		
15	QPSK	1	74	18.95	19.04	18.97		
15	QPSK	36	0	19.05	19.03	18.87	20.5	0
15	QPSK	36	20	18.89	18.87	18.83		
15	QPSK	36	39	18.90	18.93	18.88		
15	QPSK	75	0	19.01	19.01	18.95		
15	16QAM	1	0	18.95	19.07	19.00	20.5	0
15	16QAM	1	37	18.86	18.91	18.80		
15	16QAM	1	74	18.93	18.84	18.88		
15	16QAM	36	0	18.93	18.90	18.76	20.5	0
15	16QAM	36	20	18.79	18.89	18.82		
15	16QAM	36	39	18.87	18.82	18.81		
15	16QAM	75	0	18.89	18.89	18.99		
15	64QAM	1	0	18.91	19.03	19.00	20.5	0
15	64QAM	1	37	18.90	18.86	18.81		
15	64QAM	1	74	18.82	18.85	18.96		
15	64QAM	36	0	19.01	18.94	18.81	20.5	0
15	64QAM	36	20	18.78	18.81	18.80		
15	64QAM	36	39	18.83	18.93	18.75		
15	64QAM	75	0	18.89	19.02	18.89		
15	256QAM	1	0	18.94	19.00	19.05	20.5	0
15	256QAM	1	37	18.83	18.90	18.76		
15	256QAM	1	74	18.85	18.98	18.85		
15	256QAM	36	0	19.02	19.01	18.76	20.5	0
15	256QAM	36	20	18.73	18.80	18.72		
15	256QAM	36	39	18.86	18.81	18.81		
15	256QAM	75	0	19.01	19.04	18.83		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.08	19.16	19.08	20.5	0
10	QPSK	1	25	19.00	19.07	18.88		
10	QPSK	1	49	18.94	18.95	18.94		
10	QPSK	25	0	19.00	19.02	18.94	20.5	0
10	QPSK	25	12	18.83	18.95	18.81		
10	QPSK	25	25	18.99	19.00	18.91		
10	QPSK	50	0	19.07	19.01	18.95		
10	16QAM	1	0	18.87	19.07	19.04	20.5	0
10	16QAM	1	25	18.94	18.85	18.77		
10	16QAM	1	49	18.95	18.88	18.84		
10	16QAM	25	0	18.93	18.92	18.85	20.5	0
10	16QAM	25	12	18.83	18.85	18.80		
10	16QAM	25	25	18.85	18.88	18.82		
10	16QAM	50	0	18.96	18.97	18.87		
10	64QAM	1	0	18.99	19.03	18.95	20.5	0
10	64QAM	1	25	18.83	18.83	18.80		
10	64QAM	1	49	18.93	18.92	18.90		
10	64QAM	25	0	18.98	18.91	18.81	20.5	0
10	64QAM	25	12	18.82	18.79	18.80		
10	64QAM	25	25	18.79	18.97	18.81		
10	64QAM	50	0	18.90	18.92	18.90		
10	256QAM	1	0	18.99	18.97	19.04	20.5	0
10	256QAM	1	25	18.84	18.93	18.79		
10	256QAM	1	49	18.90	18.91	18.83		
10	256QAM	25	0	18.93	19.00	18.87	20.5	0
10	256QAM	25	12	18.67	18.78	18.76		
10	256QAM	25	25	18.83	18.88	18.85		
10	256QAM	50	0	18.94	19.05	18.89		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.12	19.09	19.11	20.5	0
5	QPSK	1	12	18.94	18.98	18.93		
5	QPSK	1	24	18.98	18.98	18.94		
5	QPSK	12	0	19.04	19.10	18.87	20.5	0
5	QPSK	12	7	18.87	18.89	18.87		
5	QPSK	12	13	18.91	19.01	18.90		
5	QPSK	25	0	18.98	19.06	19.03		
5	16QAM	1	0	18.92	19.03	18.98	20.5	0
5	16QAM	1	12	18.87	18.93	18.76		
5	16QAM	1	24	18.88	18.88	18.81		
5	16QAM	12	0	18.92	18.98	18.85	20.5	0
5	16QAM	12	7	18.80	18.81	18.83		
5	16QAM	12	13	18.90	18.86	18.79		
5	16QAM	25	0	18.95	18.87	18.90		
5	64QAM	1	0	18.88	19.06	19.01	20.5	0
5	64QAM	1	12	18.91	18.91	18.82		
5	64QAM	1	24	18.88	18.86	18.87		
5	64QAM	12	0	18.97	18.88	18.85	20.5	0
5	64QAM	12	7	18.85	18.85	18.83		
5	64QAM	12	13	18.87	18.99	18.74		
5	64QAM	25	0	18.86	18.92	18.85		
5	256QAM	1	0	18.93	18.98	19.00	20.5	0
5	256QAM	1	12	18.81	18.86	18.77		
5	256QAM	1	24	18.92	18.95	18.87		
5	256QAM	12	0	18.98	18.98	18.85	20.5	0
5	256QAM	12	7	18.70	18.72	18.76		
5	256QAM	12	13	18.82	18.84	18.83		
5	256QAM	25	0	18.98	18.95	18.82		

Band 41 Ant3 ECI4

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	20.53	20.58	20.65	20.50	20.56	22	0
20	QPSK	1	49	20.43	20.47	20.60	20.41	20.45		
20	QPSK	1	99	20.47	20.46	20.63	20.45	20.46		
20	QPSK	50	0	20.43	20.52	20.62	20.39	20.42	22	0
20	QPSK	50	24	20.43	20.49	20.58	20.46	20.48		
20	QPSK	50	50	20.46	20.50	20.52	20.42	20.53		
20	QPSK	100	0	20.46	20.53	20.61	20.38	20.44		
20	16QAM	1	0	20.44	20.52	20.57	20.42	20.44	22	0
20	16QAM	1	49	20.30	20.39	20.55	20.28	20.37		
20	16QAM	1	99	20.44	20.44	20.57	20.41	20.41		
20	16QAM	50	0	20.39	20.44	20.56	20.33	20.33	22	0
20	16QAM	50	24	20.38	20.45	20.53	20.37	20.36		
20	16QAM	50	50	20.35	20.38	20.49	20.38	20.39		
20	16QAM	100	0	20.41	20.41	20.54	20.26	20.31		
20	64QAM	1	0	20.48	20.50	20.58	20.41	20.54	22	0
20	64QAM	1	49	20.36	20.40	20.48	20.34	20.38		
20	64QAM	1	99	20.33	20.42	20.54	20.31	20.35		
20	64QAM	50	0	20.39	20.47	20.58	20.30	20.34	22	0
20	64QAM	50	24	20.41	20.38	20.53	20.40	20.46		
20	64QAM	50	50	20.33	20.44	20.39	20.36	20.49		
20	64QAM	100	0	20.42	20.47	20.49	20.30	20.35		
20	256QAM	1	0	19.01	19.05	19.20	19.00	19.04	20.5	1.5
20	256QAM	1	49	18.89	18.94	19.10	18.87	18.91		
20	256QAM	1	99	18.98	19.02	19.18	18.99	18.92		
20	256QAM	50	0	18.93	19.06	19.13	18.93	18.87	20.5	1.5
20	256QAM	50	24	18.88	18.95	19.09	19.00	18.94		
20	256QAM	50	50	18.97	19.04	19.04	18.95	18.99		
20	256QAM	100	0	18.98	19.00	19.15	18.94	18.90		
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	20.45	20.45	20.56	20.41	20.54	22.00	0
15	QPSK	1	37	20.34	20.39	20.52	20.36	20.32		
15	QPSK	1	74	20.39	20.42	20.53	20.33	20.43		
15	QPSK	36	0	20.32	20.46	20.51	20.27	20.35	22	0
15	QPSK	36	20	20.39	20.39	20.52	20.39	20.38		
15	QPSK	36	39	20.41	20.44	20.48	20.40	20.40		
15	QPSK	75	0	20.35	20.48	20.49	20.25	20.35		
15	16QAM	1	0	20.36	20.45	20.47	20.38	20.33	22	0
15	16QAM	1	37	20.16	20.25	20.49	20.22	20.26		
15	16QAM	1	74	20.40	20.41	20.44	20.33	20.31		
15	16QAM	36	0	20.26	20.33	20.43	20.28	20.21	22	0
15	16QAM	36	20	20.34	20.42	20.46	20.29	20.23		
15	16QAM	36	39	20.22	20.29	20.42	20.24	20.36		
15	16QAM	75	0	20.28	20.34	20.46	20.23	20.17		
15	64QAM	1	0	20.41	20.43	20.48	20.30	20.50	22	0
15	64QAM	1	37	20.23	20.29	20.36	20.31	20.36		
15	64QAM	1	74	20.29	20.37	20.49	20.20	20.26		
15	64QAM	36	0	20.32	20.35	20.50	20.22	20.25	22	0
15	64QAM	36	20	20.38	20.27	20.42	20.34	20.41		
15	64QAM	36	39	20.28	20.34	20.34	20.22	20.39		
15	64QAM	75	0	20.28	20.44	20.42	20.18	20.22		
15	256QAM	1	0	18.92	18.96	19.16	18.88	18.92	20.5	1.5
15	256QAM	1	37	18.80	18.89	18.99	18.77	18.85		
15	256QAM	1	74	18.87	18.97	19.12	18.92	18.83		
15	256QAM	36	0	18.79	18.93	19.05	18.90	18.76	20.5	1.5
15	256QAM	36	20	18.77	18.89	19.01	18.86	18.87		
15	256QAM	36	39	18.92	18.91	18.98	18.83	18.91		
15	256QAM	75	0	18.89	18.94	19.10	18.82	18.86		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.51	20.49	20.60	20.42	20.53	22.00	0
10	QPSK	1	25	20.29	20.39	20.50	20.27	20.32		
10	QPSK	1	49	20.42	20.41	20.54	20.42	20.41		
10	QPSK	25	0	20.41	20.41	20.50	20.25	20.31	22	0
10	QPSK	25	12	20.36	20.41	20.48	20.42	20.35		
10	QPSK	25	25	20.43	20.45	20.40	20.40	20.44		
10	QPSK	50	0	20.42	20.50	20.51	20.31	20.38		
10	16QAM	1	0	20.41	20.48	20.52	20.32	20.40	22	0
10	16QAM	1	25	20.20	20.29	20.44	20.21	20.25		
10	16QAM	1	49	20.36	20.40	20.47	20.31	20.31		
10	16QAM	25	0	20.34	20.40	20.53	20.25	20.21	22	0
10	16QAM	25	12	20.26	20.42	20.47	20.31	20.28		
10	16QAM	25	25	20.26	20.28	20.41	20.30	20.34		
10	16QAM	50	0	20.37	20.37	20.49	20.22	20.28		
10	64QAM	1	0	20.41	20.44	20.48	20.35	20.40	22	0
10	64QAM	1	25	20.33	20.37	20.35	20.27	20.32		
10	64QAM	1	49	20.30	20.30	20.49	20.24	20.29		
10	64QAM	25	0	20.27	20.42	20.53	20.21	20.26	22	0
10	64QAM	25	12	20.34	20.31	20.41	20.36	20.36		
10	64QAM	25	25	20.25	20.33	20.32	20.24	20.36		
10	64QAM	50	0	20.40	20.35	20.39	20.16	20.29		
10	256QAM	1	0	18.95	18.93	19.17	18.87	18.94	20.5	1.5
10	256QAM	1	25	18.80	18.82	19.03	18.78	18.81		
10	256QAM	1	49	18.90	18.92	19.09	18.88	18.80		
10	256QAM	25	0	18.83	18.99	19.04	18.88	18.76	20.5	1.5
10	256QAM	25	12	18.82	18.82	19.06	18.90	18.81		
10	256QAM	25	25	18.86	18.93	18.94	18.93	18.97		
10	256QAM	50	0	18.92	18.93	19.09	18.83	18.83		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.42	20.45	20.62	20.37	20.53	22.00	0
5	QPSK	1	12	20.41	20.43	20.50	20.36	20.35		
5	QPSK	1	24	20.37	20.34	20.57	20.36	20.32		
5	QPSK	12	0	20.31	20.39	20.48	20.32	20.35	22	0
5	QPSK	12	7	20.40	20.36	20.44	20.42	20.37		
5	QPSK	12	13	20.43	20.43	20.38	20.28	20.46		
5	QPSK	25	0	20.42	20.49	20.50	20.31	20.40		
5	16QAM	1	0	20.40	20.39	20.49	20.32	20.40	22	0
5	16QAM	1	12	20.22	20.35	20.50	20.16	20.33		
5	16QAM	1	24	20.33	20.38	20.54	20.36	20.29		
5	16QAM	12	0	20.30	20.36	20.46	20.27	20.28	22	0
5	16QAM	12	7	20.28	20.37	20.47	20.28	20.32		
5	16QAM	12	13	20.25	20.32	20.45	20.35	20.28		
5	16QAM	25	0	20.37	20.38	20.49	20.21	20.22		
5	64QAM	1	0	20.38	20.45	20.55	20.35	20.44	22	0
5	64QAM	1	12	20.23	20.29	20.35	20.24	20.34		
5	64QAM	1	24	20.22	20.35	20.47	20.18	20.25		
5	64QAM	12	0	20.33	20.39	20.46	20.20	20.26	22	0
5	64QAM	12	7	20.37	20.25	20.43	20.36	20.32		
5	64QAM	12	13	20.21	20.34	20.28	20.27	20.45		
5	64QAM	25	0	20.37	20.33	20.39	20.25	20.29		
5	256QAM	1	0	18.97	18.93	19.09	18.96	18.92	20.5	1.5
5	256QAM	1	12	18.76	18.83	18.96	18.81	18.81		
5	256QAM	1	24	18.87	18.93	19.16	18.95	18.84		
5	256QAM	12	0	18.85	18.97	19.06	18.79	18.80	20.5	1.5
5	256QAM	12	7	18.79	18.82	18.99	18.93	18.91		
5	256QAM	12	13	18.92	18.91	18.93	18.90	18.94		
5	256QAM	25	0	18.90	18.93	19.04	18.81	18.84		

GSM1900 Ant4 ECI4

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	30.21	30.31	30.19	32.00	21.21	21.31	21.19	23.00
GPRS 1 Tx slot	30.17	30.29	30.15	32.00	21.17	21.29	21.15	23.00
GPRS 2 Tx slots	27.24	27.32	27.19	29.00	21.24	21.32	21.19	23.00
GPRS 3 Tx slots	25.49	25.59	25.49	27.20	21.23	21.33	21.23	22.94
GPRS 4 Tx slots	24.20	24.25	24.11	26.00	21.20	21.25	21.11	23.00
EDGE 1 Tx slot	25.79	25.91	25.78	27.50	16.79	16.91	16.78	18.50
EDGE 2 Tx slots	22.84	22.96	22.82	24.50	16.84	16.96	16.82	18.50
EDGE 3 Tx slots	21.04	21.08	20.97	22.70	16.78	16.82	16.71	18.44
EDGE 4 Tx slots	19.74	19.85	19.75	21.50	16.74	16.85	16.75	18.50

WCDMA II Ant4 ECI4 / WCDMA IV Ant4 ECI4

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	24.18	24.25	24.24	25.70	24.24	24.35	24.26	25.70
3GPP Rel 99	RMC 12.2Kbps	24.24	24.31	24.27	25.70	24.27	24.37	24.28	25.70
3GPP Rel 6	HSDPA Subtest-1	23.18	23.25	23.23	24.70	23.23	23.35	23.28	24.70
3GPP Rel 6	HSDPA Subtest-2	23.26	23.32	23.27	24.70	23.32	23.39	23.27	24.70
3GPP Rel 6	HSDPA Subtest-3	22.80	22.79	22.73	24.20	22.84	22.85	22.77	24.20
3GPP Rel 6	HSDPA Subtest-4	22.76	22.83	22.72	24.20	22.78	22.86	22.82	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.21	23.26	23.27	24.70	23.22	23.26	23.27	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.20	23.34	23.22	24.70	23.23	23.44	23.29	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	22.76	22.83	22.74	24.20	22.77	22.94	22.82	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	22.70	22.86	22.74	24.20	22.81	22.85	22.74	24.20
3GPP Rel 6	HSUPA Subtest-1	23.20	23.33	23.30	24.70	23.22	23.40	23.39	24.70
3GPP Rel 6	HSUPA Subtest-2	21.23	21.33	21.32	22.70	21.30	21.43	21.34	22.70
3GPP Rel 6	HSUPA Subtest-3	22.23	22.31	22.21	23.70	22.30	22.39	22.22	23.70
3GPP Rel 6	HSUPA Subtest-4	21.23	21.28	21.22	22.70	21.23	21.33	21.25	22.70
3GPP Rel 6	HSUPA Subtest-5	23.23	23.25	23.28	24.70	23.23	23.29	23.33	24.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.75	20.78	20.76	22.20	20.76	20.88	20.83	22.20

Band 2 Ant4 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	24.40	24.45	24.38	25.5	0
20	QPSK	1	49	24.31	24.41	24.27		
20	QPSK	1	99	24.37	24.39	24.36		
20	QPSK	50	0	23.40	23.46	23.42	24.5	1
20	QPSK	50	24	23.32	23.36	23.23		
20	QPSK	50	50	23.32	23.40	23.36		
20	QPSK	100	0	23.41	23.43	23.35		
20	16QAM	1	0	23.39	23.40	23.35	24.5	1
20	16QAM	1	49	23.33	23.36	23.22		
20	16QAM	1	99	23.35	23.35	23.33		
20	16QAM	50	0	22.46	22.43	22.46	23.5	2
20	16QAM	50	24	22.34	22.39	22.27		
20	16QAM	50	50	22.34	22.38	22.36		
20	16QAM	100	0	22.45	22.47	22.35		
20	64QAM	1	0	22.41	22.42	22.31	23.5	2
20	64QAM	1	49	22.33	22.31	22.17		
20	64QAM	1	99	22.39	22.38	22.34		
20	64QAM	50	0	21.35	21.47	21.47	22.5	3
20	64QAM	50	24	21.28	21.33	21.25		
20	64QAM	50	50	21.29	21.39	21.30		
20	64QAM	100	0	21.36	21.40	21.33		
20	256QAM	1	0	19.43	19.46	19.45	20.5	5
20	256QAM	1	49	19.28	19.35	19.28		
20	256QAM	1	99	19.29	19.36	19.31		
20	256QAM	50	0	19.35	19.39	19.35	20.5	5
20	256QAM	50	24	19.45	19.41	19.37		
20	256QAM	50	50	19.39	19.35	19.25		
20	256QAM	100	0	19.40	19.35	19.30		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.28	24.40	24.33	25.5	0
15	QPSK	1	37	24.19	24.32	24.16		
15	QPSK	1	74	24.29	24.32	24.24		
15	QPSK	36	0	23.35	23.37	23.32	24.5	1
15	QPSK	36	20	23.19	23.29	23.15		
15	QPSK	36	39	23.25	23.31	23.27		
15	QPSK	75	0	23.27	23.37	23.28		
15	16QAM	1	0	23.30	23.28	23.25	24.5	1
15	16QAM	1	37	23.26	23.23	23.20		
15	16QAM	1	74	23.22	23.32	23.27		
15	16QAM	36	0	22.36	22.30	22.35	23.5	2
15	16QAM	36	20	22.27	22.32	22.16		
15	16QAM	36	39	22.22	22.31	22.23		
15	16QAM	75	0	22.36	22.40	22.22		
15	64QAM	1	0	22.39	22.32	22.21	23.5	2
15	64QAM	1	37	22.24	22.18	22.15		
15	64QAM	1	74	22.28	22.30	22.25		
15	64QAM	36	0	21.22	21.44	21.42	22.5	3
15	64QAM	36	20	21.17	21.20	21.14		
15	64QAM	36	39	21.20	21.30	21.24		
15	64QAM	75	0	21.25	21.33	21.23		
15	256QAM	1	0	19.38	19.37	19.35	20.5	5
15	256QAM	1	37	19.20	19.28	19.26		
15	256QAM	1	74	19.20	19.30	19.22		
15	256QAM	36	0	19.28	19.31	19.30	20.5	5
15	256QAM	36	20	19.35	19.39	19.27		
15	256QAM	36	39	19.33	19.26	19.21		
15	256QAM	75	0	19.38	19.32	19.20		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.38	24.35	24.36	25.5	0
10	QPSK	1	25	24.29	24.29	24.20		
10	QPSK	1	49	24.27	24.33	24.24		
10	QPSK	25	0	23.33	23.36	23.32	24.5	1
10	QPSK	25	12	23.27	23.24	23.10		
10	QPSK	25	25	23.23	23.38	23.33		
10	QPSK	50	0	23.27	23.38	23.23		
10	16QAM	1	0	23.28	23.29	23.27	24.5	1
10	16QAM	1	25	23.24	23.22	23.17		
10	16QAM	1	49	23.24	23.26	23.19		
10	16QAM	25	0	22.41	22.30	22.35	23.5	2
10	16QAM	25	12	22.24	22.36	22.18		
10	16QAM	25	25	22.24	22.27	22.27		
10	16QAM	50	0	22.38	22.36	22.32		
10	64QAM	1	0	22.32	22.31	22.19	23.5	2
10	64QAM	1	25	22.20	22.26	22.09		
10	64QAM	1	49	22.35	22.25	22.25		
10	64QAM	25	0	21.25	21.44	21.36	22.5	3
10	64QAM	25	12	21.23	21.30	21.11		
10	64QAM	25	25	21.17	21.33	21.16		
10	64QAM	50	0	21.25	21.27	21.28		
10	256QAM	1	0	19.40	19.42	19.42	20.5	5
10	256QAM	1	25	19.20	19.26	19.21		
10	256QAM	1	49	19.16	19.25	19.25		
10	256QAM	25	0	19.29	19.31	19.24	20.5	5
10	256QAM	25	12	19.37	19.30	19.26		
10	256QAM	25	25	19.35	19.32	19.16		
10	256QAM	50	0	19.26	19.23	19.25		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.33	24.34	24.31	25.5	0
5	QPSK	1	12	24.17	24.30	24.20		
5	QPSK	1	24	24.27	24.29	24.24		
5	QPSK	12	0	23.38	23.39	23.32	24.5	1
5	QPSK	12	7	23.29	23.29	23.18		
5	QPSK	12	13	23.30	23.38	23.25		
5	QPSK	25	0	23.33	23.31	23.23		
5	16QAM	1	0	23.35	23.36	23.30	24.5	1
5	16QAM	1	12	23.25	23.33	23.19		
5	16QAM	1	24	23.30	23.26	23.19		
5	16QAM	12	0	22.37	22.30	22.43	23.5	2
5	16QAM	12	7	22.28	22.32	22.23		
5	16QAM	12	13	22.33	22.27	22.30		
5	16QAM	25	0	22.32	22.44	22.22		
5	64QAM	1	0	22.29	22.37	22.24	23.5	2
5	64QAM	1	12	22.21	22.21	22.08		
5	64QAM	1	24	22.33	22.34	22.28		
5	64QAM	12	0	21.31	21.39	21.37	22.5	3
5	64QAM	12	7	21.15	21.26	21.14		
5	64QAM	12	13	21.26	21.32	21.20		
5	64QAM	25	0	21.25	21.26	21.24		
5	256QAM	1	0	19.40	19.36	19.37	20.5	5
5	256QAM	1	12	19.17	19.24	19.25		
5	256QAM	1	24	19.21	19.24	19.20		
5	256QAM	12	0	19.23	19.33	19.25	20.5	5
5	256QAM	12	7	19.36	19.31	19.26		
5	256QAM	12	13	19.30	19.29	19.21		
5	256QAM	25	0	19.30	19.30	19.18		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.27	24.37	24.34	25.5	0
3	QPSK	1	8	24.18	24.36	24.18		
3	QPSK	1	14	24.27	24.27	24.23		
3	QPSK	8	0	23.29	23.39	23.35	24.5	1
3	QPSK	8	4	23.28	23.22	23.18		
3	QPSK	8	7	23.27	23.35	23.28		
3	QPSK	15	0	23.39	23.31	23.26		
3	16QAM	1	0	23.29	23.34	23.27	24.5	1
3	16QAM	1	8	23.20	23.31	23.19		
3	16QAM	1	14	23.32	23.23	23.24		
3	16QAM	8	0	22.33	22.31	22.33	23.5	2
3	16QAM	8	4	22.22	22.31	22.19		
3	16QAM	8	7	22.23	22.33	22.30		
3	16QAM	15	0	22.38	22.38	22.22		
3	64QAM	1	0	22.29	22.32	22.28	23.5	2
3	64QAM	1	8	22.29	22.16	22.04		
3	64QAM	1	14	22.26	22.32	22.31		
3	64QAM	8	0	21.25	21.33	21.34	22.5	3
3	64QAM	8	4	21.24	21.27	21.14		
3	64QAM	8	7	21.21	21.27	21.24		
3	64QAM	15	0	21.28	21.29	21.28		
3	256QAM	1	0	19.34	19.33	19.39	20.5	5
3	256QAM	1	8	19.15	19.26	19.16		
3	256QAM	1	14	19.18	19.34	19.22		
3	256QAM	8	0	19.23	19.32	19.21	20.5	5
3	256QAM	8	4	19.35	19.35	19.35		
3	256QAM	8	7	19.34	19.30	19.19		
3	256QAM	15	0	19.30	19.30	19.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.36	24.40	24.28	25.5	0
1.4	QPSK	1	3	24.18	24.27	24.15		
1.4	QPSK	1	5	24.33	24.35	24.24		
1.4	QPSK	3	0	24.32	24.30	24.17		
1.4	QPSK	3	1	24.12	24.14	24.07		
1.4	QPSK	3	3	24.21	24.31	24.15		
1.4	QPSK	6	0	23.29	23.35	23.27	24.5	1
1.4	16QAM	1	0	23.28	23.36	23.33	24.5	1
1.4	16QAM	1	3	23.27	23.22	23.10		
1.4	16QAM	1	5	23.30	23.29	23.30		
1.4	16QAM	3	0	23.23	23.33	23.15		
1.4	16QAM	3	1	23.25	23.34	23.20		
1.4	16QAM	3	3	23.21	23.11	23.08		
1.4	16QAM	6	0	22.33	22.41	22.22	23.5	2
1.4	64QAM	1	0	22.38	22.40	22.22	23.5	2
1.4	64QAM	1	3	22.24	22.16	22.13		
1.4	64QAM	1	5	22.36	22.32	22.30		
1.4	64QAM	3	0	22.29	22.38	22.09		
1.4	64QAM	3	1	22.30	22.34	22.19		
1.4	64QAM	3	3	22.15	22.11	22.08		
1.4	64QAM	6	0	21.26	21.35	21.20	22.5	3
1.4	256QAM	1	0	19.36	19.41	19.34	20.5	5
1.4	256QAM	1	3	19.14	19.25	19.15		
1.4	256QAM	1	5	19.22	19.33	19.25		
1.4	256QAM	3	0	19.28	19.29	19.23		
1.4	256QAM	3	1	19.38	19.32	19.26		
1.4	256QAM	3	3	19.30	19.28	19.19		
1.4	256QAM	6	0	19.34	19.25	19.20	20.5	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	25.01	25.11	25.06	25.7	0
20	QPSK	1	49	24.92	25.06	25.03		
20	QPSK	1	99	24.99	25.07	24.99		
20	QPSK	50	0	23.95	24.15	24.09	24.7	1
20	QPSK	50	24	23.92	24.07	24.03		
20	QPSK	50	50	23.99	24.05	23.96		
20	QPSK	100	0	23.91	24.14	24.04		
20	16QAM	1	0	24.06	24.13	24.04	24.7	1
20	16QAM	1	49	23.91	24.01	24.09		
20	16QAM	1	99	23.94	23.98	24.04		
20	16QAM	50	0	22.90	23.12	23.03	23.7	2
20	16QAM	50	24	22.92	23.02	23.04		
20	16QAM	50	50	22.94	23.10	22.97		
20	16QAM	100	0	23.00	23.13	23.03		
20	64QAM	1	0	23.01	23.16	23.07	23.7	2
20	64QAM	1	49	22.86	23.06	23.09		
20	64QAM	1	99	22.93	22.95	23.07		
20	64QAM	50	0	21.92	22.14	22.04	22.7	3
20	64QAM	50	24	21.97	22.12	22.03		
20	64QAM	50	50	22.05	21.99	22.00		
20	64QAM	100	0	21.94	22.16	22.06		
20	256QAM	1	0	19.99	20.13	20.04	20.7	5
20	256QAM	1	49	19.94	20.06	19.99		
20	256QAM	1	99	20.02	20.06	19.95		
20	256QAM	50	0	20.01	20.14	20.03	20.7	5
20	256QAM	50	24	20.11	20.16	20.00		
20	256QAM	50	50	19.95	19.98	20.11		
20	256QAM	100	0	19.94	19.92	20.06		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.98	25.05	25.01	25.7	0
15	QPSK	1	37	24.89	24.96	24.93		
15	QPSK	1	74	24.91	24.89	24.87		
15	QPSK	36	0	23.81	24.11	24.06	24.7	1
15	QPSK	36	20	23.84	23.99	23.99		
15	QPSK	36	39	23.91	24.03	23.89		
15	QPSK	75	0	23.82	24.05	23.93		
15	16QAM	1	0	23.98	24.06	23.98	24.7	1
15	16QAM	1	37	23.86	23.90	23.97		
15	16QAM	1	74	23.88	23.85	23.98		
15	16QAM	36	0	22.84	23.03	23.00	23.7	2
15	16QAM	36	20	22.83	22.91	22.97		
15	16QAM	36	39	22.89	22.98	22.86		
15	16QAM	75	0	22.90	23.10	22.96		
15	64QAM	1	0	22.92	23.08	23.03	23.7	2
15	64QAM	1	37	22.76	22.95	23.04		
15	64QAM	1	74	22.90	22.83	22.94		
15	64QAM	36	0	21.89	22.03	22.02	22.7	3
15	64QAM	36	20	21.78	22.04	21.99		
15	64QAM	36	39	21.94	21.89	21.87		
15	64QAM	75	0	21.92	22.13	22.04		
15	256QAM	1	0	19.90	20.01	19.92	20.7	5
15	256QAM	1	37	19.81	19.98	19.90		
15	256QAM	1	74	19.96	19.94	19.85		
15	256QAM	36	0	19.97	20.01	20.01	20.7	5
15	256QAM	36	20	20.03	20.06	19.91		
15	256QAM	36	39	19.86	19.96	19.97		
15	256QAM	75	0	19.86	19.82	20.03		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.90	24.95	25.03	25.7	0
10	QPSK	1	25	24.79	24.95	24.92		
10	QPSK	1	49	24.90	24.96	24.89		
10	QPSK	25	0	23.88	24.04	24.03	24.7	1
10	QPSK	25	12	23.84	24.00	23.95		
10	QPSK	25	25	23.91	24.05	23.91		
10	QPSK	50	0	23.83	24.01	23.92		
10	16QAM	1	0	23.93	24.02	23.94	24.7	1
10	16QAM	1	25	23.81	23.94	24.06		
10	16QAM	1	49	23.91	23.96	24.00		
10	16QAM	25	0	22.83	23.07	22.91	23.7	2
10	16QAM	25	12	22.79	22.89	22.91		
10	16QAM	25	25	22.85	23.02	22.83		
10	16QAM	50	0	22.91	23.05	22.93		
10	64QAM	1	0	22.92	23.10	22.98	23.7	2
10	64QAM	1	25	22.73	22.99	23.02		
10	64QAM	1	49	22.86	22.86	23.03		
10	64QAM	25	0	21.88	22.03	22.00	22.7	3
10	64QAM	25	12	21.79	22.00	21.96		
10	64QAM	25	25	21.99	21.95	21.93		
10	64QAM	50	0	21.85	22.06	22.01		
10	256QAM	1	0	19.87	20.07	19.93	20.7	5
10	256QAM	1	25	19.86	20.04	19.96		
10	256QAM	1	49	19.99	20.04	19.92		
10	256QAM	25	0	19.95	20.11	19.99	20.7	5
10	256QAM	25	12	20.00	20.08	19.96		
10	256QAM	25	25	19.84	19.89	20.02		
10	256QAM	50	0	19.81	19.89	20.04		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.98	25.01	25.03	25.7	0
5	QPSK	1	12	24.80	24.98	24.98		
5	QPSK	1	24	24.88	24.91	24.93		
5	QPSK	12	0	23.87	24.06	24.06	24.7	1
5	QPSK	12	7	23.80	23.94	24.01		
5	QPSK	12	13	23.91	23.95	23.87		
5	QPSK	25	0	23.91	24.02	23.91		
5	16QAM	1	0	23.99	24.06	24.02	24.7	1
5	16QAM	1	12	23.80	23.97	24.05		
5	16QAM	1	24	23.83	23.92	23.91		
5	16QAM	12	0	22.78	22.98	22.91	23.7	2
5	16QAM	12	7	22.81	22.91	22.94		
5	16QAM	12	13	22.83	22.91	22.94		
5	16QAM	25	0	22.88	23.02	22.98		
5	64QAM	1	0	22.95	23.07	23.04	23.7	2
5	64QAM	1	12	22.73	22.95	23.04		
5	64QAM	1	24	22.80	23.05	22.93		
5	64QAM	12	0	21.84	22.08	21.95	22.7	3
5	64QAM	12	7	21.77	22.07	22.01		
5	64QAM	12	13	21.92	21.95	21.87		
5	64QAM	25	0	21.83	22.04	22.01		
5	256QAM	1	0	19.94	20.06	19.94	20.7	5
5	256QAM	1	12	19.84	19.95	19.88		
5	256QAM	1	24	19.94	19.99	19.82		
5	256QAM	12	0	19.87	20.07	19.95	20.7	5
5	256QAM	12	7	19.99	20.12	19.92		
5	256QAM	12	13	19.92	19.91	20.01		
5	256QAM	25	0	19.81	19.87	19.99		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.88	25.04	24.99	25.7	0
3	QPSK	1	8	24.82	25.03	24.90		
3	QPSK	1	14	24.89	24.90	24.86		
3	QPSK	8	0	23.87	24.10	24.03	24.7	1
3	QPSK	8	4	23.79	23.94	23.98		
3	QPSK	8	7	23.96	23.97	23.89		
3	QPSK	15	0	23.81	24.03	23.90		
3	16QAM	1	0	23.95	24.06	24.00	24.7	1
3	16QAM	1	8	23.84	23.92	23.98		
3	16QAM	1	14	23.84	23.85	24.00		
3	16QAM	8	0	22.85	23.05	22.97	23.7	2
3	16QAM	8	4	22.89	22.97	22.95		
3	16QAM	8	7	22.88	23.00	22.92		
3	16QAM	15	0	22.93	23.03	22.98		
3	64QAM	1	0	22.89	23.07	22.95	23.7	2
3	64QAM	1	8	22.81	22.96	23.03		
3	64QAM	1	14	22.82	22.81	22.98		
3	64QAM	8	0	21.83	22.09	22.00	22.7	3
3	64QAM	8	4	21.79	22.09	21.95		
3	64QAM	8	7	22.00	21.85	21.91		
3	64QAM	15	0	21.82	22.12	22.03		
3	256QAM	1	0	19.92	20.09	19.92	20.7	5
3	256QAM	1	8	19.87	20.06	19.88		
3	256QAM	1	14	19.94	19.98	19.87		
3	256QAM	8	0	19.97	20.03	19.99	20.7	5
3	256QAM	8	4	20.02	20.04	19.89		
3	256QAM	8	7	19.82	19.87	20.09		
3	256QAM	15	0	19.97	19.82	20.03		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.91	25.05	25.01	25.7	0
1.4	QPSK	1	3	24.84	24.99	24.99		
1.4	QPSK	1	5	24.89	24.92	24.85		
1.4	QPSK	3	0	24.79	25.00	24.94		
1.4	QPSK	3	1	24.78	24.95	24.94		
1.4	QPSK	3	3	24.75	24.87	24.79		
1.4	QPSK	6	0	23.82	24.08	23.97	24.7	1
1.4	16QAM	1	0	23.96	24.04	23.91	24.7	1
1.4	16QAM	1	3	23.84	23.87	24.06		
1.4	16QAM	1	5	23.86	23.92	23.99		
1.4	16QAM	3	0	23.70	23.98	23.87		
1.4	16QAM	3	1	23.90	24.01	23.86		
1.4	16QAM	3	3	23.78	23.82	24.01		
1.4	16QAM	6	0	22.97	23.06	22.92	23.7	2
1.4	64QAM	1	0	22.95	23.06	22.99	23.7	2
1.4	64QAM	1	3	22.83	22.96	23.07		
1.4	64QAM	1	5	22.87	22.87	23.04		
1.4	64QAM	3	0	22.90	22.94	22.79		
1.4	64QAM	3	1	22.91	22.99	22.86		
1.4	64QAM	3	3	22.79	22.94	22.94		
1.4	64QAM	6	0	21.84	22.08	21.92	22.7	3
1.4	256QAM	1	0	19.91	20.00	19.92	20.7	5
1.4	256QAM	1	3	19.91	19.99	19.89		
1.4	256QAM	1	5	19.89	19.94	19.89		
1.4	256QAM	3	0	19.89	20.11	19.96		
1.4	256QAM	3	1	20.08	20.02	19.91		
1.4	256QAM	3	3	19.84	19.95	19.98		
1.4	256QAM	6	0	19.81	19.86	19.98	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	25.06	25.14	25.07	25.7	0
20	QPSK	1	49	24.98	25.11	25.00		
20	QPSK	1	99	25.01	25.10	24.98		
20	QPSK	50	0	24.09	24.17	24.12	24.7	1
20	QPSK	50	24	24.02	24.11	24.01		
20	QPSK	50	50	23.98	24.14	23.98		
20	QPSK	100	0	24.11	24.15	24.08		
20	16QAM	1	0	24.04	24.14	24.01	24.7	1
20	16QAM

Band 38 Ant4 ECI4

BW [MHz]	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	25.02	25.06	24.99	25.7	0
20	QPSK	1	49	24.96	24.99	24.91		
20	QPSK	1	99	24.91	24.97	24.92		
20	QPSK	50	0	24.00	24.09	23.97	24.7	1
20	QPSK	50	24	23.93	24.05	23.90		
20	QPSK	50	50	23.89	23.97	23.94		
20	QPSK	100	0	24.06	24.08	24.02		
20	16QAM	1	0	24.05	24.03	24.05	24.7	1
20	16QAM	1	49	23.92	24.01	23.94		
20	16QAM	1	99	23.89	23.97	23.96		
20	16QAM	50	0	22.94	23.06	22.96	23.7	2
20	16QAM	50	24	22.92	23.06	22.96		
20	16QAM	50	50	22.88	23.00	22.94		
20	16QAM	100	0	23.00	23.13	23.01		
20	64QAM	1	0	23.01	23.02	23.00	23.7	2
20	64QAM	1	49	22.91	22.96	22.96		
20	64QAM	1	99	22.93	22.93	22.96		
20	64QAM	50	0	22.00	22.13	21.93	22.7	3
20	64QAM	50	24	21.98	22.05	21.84		
20	64QAM	50	50	21.85	22.00	21.90		
20	64QAM	100	0	22.02	22.10	21.98		
20	256QAM	1	0	19.98	20.07	20.02	20.7	5
20	256QAM	1	49	19.94	20.09	19.95		
20	256QAM	1	99	19.88	19.95	19.93		
20	256QAM	50	0	20.07	20.09	20.02	20.7	5
20	256QAM	50	24	20.06	20.09	20.09		
20	256QAM	50	50	19.97	20.04	19.94		
20	256QAM	100	0	19.88	19.94	19.90		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.97	25.00	24.91	25.7	0
15	QPSK	1	37	24.87	24.91	24.81		
15	QPSK	1	74	24.86	24.95	24.85		
15	QPSK	36	0	23.92	23.97	23.94	24.7	1
15	QPSK	36	20	23.84	23.91	23.84		
15	QPSK	36	39	23.78	23.87	23.86		
15	QPSK	75	0	23.99	24.00	23.95		
15	16QAM	1	0	24.01	23.94	23.99	24.7	1
15	16QAM	1	37	23.88	23.98	23.83		
15	16QAM	1	74	23.79	23.92	23.94		
15	16QAM	36	0	22.87	22.96	22.92	23.7	2
15	16QAM	36	20	22.79	22.97	22.93		
15	16QAM	36	39	22.81	22.95	22.81		
15	16QAM	75	0	22.93	23.00	22.93		
15	64QAM	1	0	22.91	22.91	22.98	23.7	2
15	64QAM	1	37	22.83	22.83	22.87		
15	64QAM	1	74	22.85	22.86	22.93		
15	64QAM	36	0	21.86	22.01	21.88	22.7	3
15	64QAM	36	20	21.96	21.94	21.73		
15	64QAM	36	39	21.76	21.90	21.87		
15	64QAM	75	0	21.92	22.06	21.92		
15	256QAM	1	0	19.91	20.05	19.91	20.7	5
15	256QAM	1	37	19.85	19.96	19.84		
15	256QAM	1	74	19.85	19.86	19.85		
15	256QAM	36	0	20.04	19.96	19.99	20.7	5
15	256QAM	36	20	19.99	20.02	20.01		
15	256QAM	36	39	19.84	20.01	19.82		
15	256QAM	75	0	19.85	19.88	19.80		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.92	24.96	24.85	25.7	0
10	QPSK	1	25	24.89	24.90	24.80		
10	QPSK	1	49	24.87	24.93	24.85		
10	QPSK	25	0	23.88	24.02	23.83	24.7	1
10	QPSK	25	12	23.82	23.92	23.80		
10	QPSK	25	25	23.83	23.89	23.89		
10	QPSK	50	0	24.00	24.02	23.90		
10	16QAM	1	0	23.93	23.93	24.01	24.7	1
10	16QAM	1	25	23.89	23.89	23.90		
10	16QAM	1	49	23.83	23.90	23.94		
10	16QAM	25	0	22.86	22.92	22.87	23.7	2
10	16QAM	25	12	22.85	22.94	22.85		
10	16QAM	25	25	22.76	22.88	22.81		
10	16QAM	50	0	22.93	23.00	22.89		
10	64QAM	1	0	22.91	22.90	22.96	23.7	2
10	64QAM	1	25	22.87	22.89	22.91		
10	64QAM	1	49	22.89	22.89	22.84		
10	64QAM	25	0	21.89	22.05	21.84	22.7	3
10	64QAM	25	12	21.86	21.92	21.80		
10	64QAM	25	25	21.77	21.92	21.84		
10	64QAM	50	0	21.92	21.99	21.95		
10	256QAM	1	0	19.89	19.98	19.96	20.7	5
10	256QAM	1	25	19.82	19.95	19.88		
10	256QAM	1	49	19.77	19.82	19.90		
10	256QAM	25	0	20.00	20.00	19.90	20.7	5
10	256QAM	25	12	19.94	19.98	20.03		
10	256QAM	25	25	19.93	19.93	19.84		
10	256QAM	50	0	19.86	19.82	19.81		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.92	24.94	24.90	25.7	0
5	QPSK	1	12	24.85	24.90	24.79		
5	QPSK	1	24	24.81	24.85	24.79		
5	QPSK	12	0	23.87	24.02	23.92	24.7	1
5	QPSK	12	7	23.91	23.91	23.84		
5	QPSK	12	13	23.77	23.85	23.82		
5	QPSK	25	0	24.04	23.95	23.94		
5	16QAM	1	0	23.96	23.90	23.93	24.7	1
5	16QAM	1	12	23.84	23.94	23.81		
5	16QAM	1	24	23.78	23.94	23.92		
5	16QAM	12	0	22.81	23.00	22.85	23.7	2
5	16QAM	12	7	22.81	22.93	22.84		
5	16QAM	12	13	22.78	22.88	22.81		
5	16QAM	25	0	22.92	23.02	22.91		
5	64QAM	1	0	22.97	22.89	22.87	23.7	2
5	64QAM	1	12	22.77	22.84	22.83		
5	64QAM	1	24	22.90	22.89	22.83		
5	64QAM	12	0	21.89	22.00	21.80	22.7	3
5	64QAM	12	7	21.85	22.03	21.75		
5	64QAM	12	13	21.74	21.98	21.82		
5	64QAM	25	0	21.92	22.07	21.87		
5	256QAM	1	0	19.85	19.96	19.91	20.7	5
5	256QAM	1	12	19.85	19.97	19.89		
5	256QAM	1	24	19.85	19.87	19.88		
5	256QAM	12	0	19.99	19.97	19.99	20.7	5
5	256QAM	12	7	20.04	20.00	20.01		
5	256QAM	12	13	19.94	19.97	19.87		
5	256QAM	25	0	19.75	19.85	19.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.99	25.08	25.13	25.08	25.05	25.7	0
20	QPSK	1	49	24.92	25.00	25.11	25.04	24.97		
20	QPSK	1	99	24.96	25.04	25.08	25.02	24.92		
20	QPSK	50	0	24.03	24.05	24.16	24.02	24.06	24.7	1
20	QPSK	50	24	23.97	24.03	24.15	24.06	24.01		
20	QPSK	50	50	24.00	24.03	24.09	23.97	23.91		
20	QPSK	100	0	23.98	24.08	24.13	24.10	24.07		
20	16QAM	1	0	24.02	24.04	24.12	24.11	24.02	24.7	1
20	16QAM	1	49	23.95	23.97	24.07	24.04	24.03		
20	16QAM	1	99	23.93	24.02	24.11	23.98	23.88		
20	16QAM	50	0	23.08	23.04	23.10	23.01	23.07	23.7	2
20	16QAM	50	24	22.99	23.05	23.20	23.10	22.97		
20	16QAM	50	50	22.98	23.00	23.04	22.98	22.91		
20	16QAM	100	0	22.94	23.05	23.08	23.08	23.09		
20	64QAM	1	0	23.08	23.08	23.18	23.09	23.03	23.7	2
20	64QAM	1	49	22.99	22.99	23.04	23.07	23.01		
20	64QAM	1	99	22.96	23.03	23.09	23.00	22.92		
20	64QAM	50	0	22.05	22.06	22.11	21.99	22.08	22.7	3
20	64QAM	50	24	21.98	22.02	22.21	22.04	22.05		
20	64QAM	50	50	21.97	22.03	22.14	21.98	21.88		
20	64QAM	100	0	22.02	22.06	22.15	22.15	22.06		
20	256QAM	1	0	20.03	19.99	20.15	20.08	20.08	20.7	5
20	256QAM	1	49	19.93	20.06	20.13	20.04	20.04		
20	256QAM	1	99	20.04	19.99	20.08	20.02	19.90		
20	256QAM	50	0	20.02	20.06	20.08	20.05	20.04	20.7	5
20	256QAM	50	24	20.00	20.01	20.15	20.08	19.97		
20	256QAM	50	50	19.99	19.99	20.04	20.04	19.98		
20	256QAM	100	0	19.88	20.06	20.15	20.01	19.86		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.94	25.01	25.02	24.99	24.95	25.70	0
15	QPSK	1	37	24.88	24.87	25.09	25.00	24.92		
15	QPSK	1	74	24.91	24.92	25.00	24.92	24.81		
15	QPSK	36	0	23.95	23.99	24.11	23.93	23.99	24.7	1
15	QPSK	36	20	23.86	23.97	24.13	23.93	23.99		
15	QPSK	36	39	23.91	23.97	24.03	23.91	23.85		
15	QPSK	75	0	23.89	23.99	24.00	24.07	23.97		
15	16QAM	1	0	23.90	24.01	24.00	23.97	23.99	24.7	1
15	16QAM	1	37	23.82	23.84	23.98	23.92	23.90		
15	16QAM	1	74	23.79	23.90	24.08	23.95	23.75		
15	16QAM	36	0	23.01	23.00	22.97	22.88	22.93	23.7	2
15	16QAM	36	20	22.92	22.98	23.18	22.99	22.89		
15	16QAM	36	39	22.96	22.98	22.97	22.89	22.83		
15	16QAM	75	0	22.80	23.00	23.06	22.99	23.00		
15	64QAM	1	0	23.04	22.95	23.13	23.04	22.90	23.7	2
15	64QAM	1	37	22.91	22.87	22.91	22.99	22.89		
15	64QAM	1	74	22.85	22.92	23.04	22.88	22.88		
15	64QAM	36	0	22.00	21.96	21.99	21.85	22.02	22.7	3
15	64QAM	36	20	21.88	21.93	22.15	21.99	21.95		
15	64QAM	36	39	21.91	21.98	22.09	21.94	21.79		
15	64QAM	75	0	21.99	21.98	22.13	22.09	21.93		
15	256QAM	1	0	19.91	19.92	20.10	20.00	19.96	20.7	5
15	256QAM	1	37	19.80	20.02	20.09	19.91	19.92		
15	256QAM	1	74	19.94	19.96	19.95	19.93	19.85		
15	256QAM	36	0	19.89	19.98	20.06	19.97	20.00	20.7	5
15	256QAM	36	20	19.92	19.90	20.05	20.04	19.95		
15	256QAM	36	39	19.89	19.94	19.96	19.92	19.85		
15	256QAM	75	0	19.85	19.94	20.04	19.88	19.83		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.96	25.00	25.00	25.06	24.95	25.70	0
10	QPSK	1	25	24.88	24.90	24.98	24.98	24.88		
10	QPSK	1	49	24.86	24.98	25.01	24.92	24.84		
10	QPSK	25	0	23.92	23.91	24.03	23.99	23.96	24.7	1
10	QPSK	25	12	23.94	23.92	24.13	24.04	23.91		
10	QPSK	25	25	23.91	23.92	24.02	23.84	23.78		
10	QPSK	50	0	23.94	24.03	24.07	23.99	24.03		
10	16QAM	1	0	23.96	23.98	24.00	24.00	23.90	24.7	1
10	16QAM	1	25	23.85	23.84	24.00	23.94	23.95		
10	16QAM	1	49	23.86	23.94	24.02	23.96	23.86		
10	16QAM	25	0	23.04	22.94	23.00	22.96	22.99	23.7	2
10	16QAM	25	12	22.90	22.91	23.11	22.97	22.92		
10	16QAM	25	25	22.92	22.89	22.96	22.95	22.80		
10	16QAM	50	0	22.83	23.00	23.03	23.06	22.95		
10	64QAM	1	0	23.00	22.98	23.09	23.04	23.01	23.7	2
10	64QAM	1	25	22.93	22.86	22.98	22.94	22.97		
10	64QAM	1	49	22.83	22.91	23.04	22.91	22.82		
10	64QAM	25	0	21.94	22.00	22.00	21.88	21.97	22.7	3
10	64QAM	25	12	21.95	21.95	22.12	21.90	21.97		
10	64QAM	25	25	21.92	21.99	22.10	21.86	21.85		
10	64QAM	50	0	21.99	22.00	22.12	22.02	22.00		
10	256QAM	1	0	19.99	19.96	20.11	20.05	20.06	20.7	5
10	256QAM	1	25	19.81	19.98	20.08	19.97	19.97		
10	256QAM	1	49	19.93	19.87	19.97	19.90	19.86		
10	256QAM	25	0	19.98	19.98	19.99	19.95	19.93	20.7	5
10	256QAM	25	12	19.97	19.97	20.03	20.05	19.94		
10	256QAM	25	25	19.92	19.91	20.01	19.92	19.95		
10	256QAM	50	0	19.82	19.98	20.05	19.98	19.81		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.94	24.98	25.06	25.01	24.98	25.70	0
5	QPSK	1	12	24.85	24.87	25.02	24.94	24.90		
5	QPSK	1	24	24.89	24.95	25.03	24.91	24.81		
5	QPSK	12	0	23.90	23.95	24.14	23.90	23.94	24.7	1
5	QPSK	12	7	23.95	23.91	24.10	24.04	23.92		
5	QPSK	12	13	23.88	23.94	24.00	23.84	23.83		
5	QPSK	25	0	23.89	24.00	24.04	24.08	23.95		
5	16QAM	1	0	23.97	24.02	24.05	23.98	23.97	24.7	1
5	16QAM	1	12	23.90	23.91	24.01	23.98	24.00		
5	16QAM	1	24	23.82	23.94	24.07	23.87	23.75		
5	16QAM	12	0	22.94	22.98	23.05	22.98	23.00	23.7	2
5	16QAM	12	7	22.90	22.93	23.07	23.07	22.94		
5	16QAM	12	13	22.92	22.95	22.93	22.89	22.80		
5	16QAM	25	0	22.89	23.00	23.00	22.99	22.96		
5	64QAM	1	0	23.03	22.97	23.05	23.03	23.01	23.7	2
5	64QAM	1	12	22.96	22.94	22.93	22.98	22.93		
5	64QAM	1	24	22.87	22.92	22.97	22.95	22.88		
5	64QAM	12	0	21.99	22.00	21.98	21.96	22.01	22.7	3
5	64QAM	12	7	21.85	21.91	22.11	21.94	21.93		
5	64QAM	12	13	21.88	21.93	22.01	21.88	21.85		
5	64QAM	25	0	21.95	21.92	22.10	22.05	21.95		
5	256QAM	1	0	19.94	19.91	20.03	20.02	20.00	20.7	5
5	256QAM	1	12	19.84	20.03	20.05	19.93	19.94		
5	256QAM	1	24	19.96	19.95	19.95	19.95	19.83		
5	256QAM	12	0	19.95	20.01	20.01	19.99	19.99	20.7	5
5	256QAM	12	7	19.86	19.90	20.08	19.99	19.95		
5	256QAM	12	13	19.89	19.93	20.00	19.97	19.89		
5	256QAM	25	0	19.74	19.94	20.08	19.90	19.83		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.30	22.40	22.33	24	0
20	QPSK	1	49	22.26	22.35	22.19		
20	QPSK	1	99	22.25	22.33	22.20		
20	QPSK	50	0	21.29	21.41	21.39	23	1
20	QPSK	50	24	21.21	21.36	21.24		
20	QPSK	50	50	21.21	21.31	21.16		
20	QPSK	100	0	21.30	21.38	21.30		
20	16QAM	1	0	21.30	21.37	21.33		
20	16QAM	1	49	21.26	21.32	21.25	23	1
20	16QAM	1	99	21.19	21.30	21.16		
20	16QAM	50	0	20.27	20.46	20.42		
20	16QAM	50	24	20.19	20.31	20.19	22	2
20	16QAM	50	50	20.21	20.30	20.21		
20	16QAM	100	0	20.32	20.37	20.27		
20	64QAM	1	0	20.29	20.43	20.31		
20	64QAM	1	49	20.22	20.27	20.26	22	2
20	64QAM	1	99	20.16	20.33	20.10		
20	64QAM	50	0	19.25	19.46	19.39		
20	64QAM	50	24	19.21	19.39	19.26	21	3
20	64QAM	50	50	19.24	19.34	19.18		
20	64QAM	100	0	19.34	19.40	19.25		
20	256QAM	1	0	17.27	17.38	17.42		
20	256QAM	1	49	17.24	17.33	17.30	19	5
20	256QAM	1	99	17.18	17.35	17.14		
20	256QAM	50	0	17.34	17.39	17.34		
20	256QAM	50	24	17.27	17.32	17.29	19	5
20	256QAM	50	50	17.26	17.35	17.22		
20	256QAM	100	0	17.15	17.34	17.15		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.26	22.33	22.29	24	0
15	QPSK	1	37	22.17	22.33	22.12		
15	QPSK	1	74	22.18	22.20	22.13		
15	QPSK	36	0	21.26	21.36	21.25	23	1
15	QPSK	36	20	21.16	21.34	21.18		
15	QPSK	36	39	21.07	21.22	21.12		
15	QPSK	75	0	21.23	21.25	21.28		
15	16QAM	1	0	21.23	21.28	21.25		
15	16QAM	1	37	21.18	21.23	21.14	23	1
15	16QAM	1	74	21.07	21.21	21.14		
15	16QAM	36	0	20.23	20.36	20.34		
15	16QAM	36	20	20.11	20.23	20.15	22	2
15	16QAM	36	39	20.16	20.23	20.17		
15	16QAM	75	0	20.19	20.31	20.19		
15	64QAM	1	0	20.18	20.33	20.27		
15	64QAM	1	37	20.17	20.15	20.22	22	2
15	64QAM	1	74	20.05	20.28	20.00		
15	64QAM	36	0	19.21	19.39	19.26		
15	64QAM	36	20	19.15	19.28	19.22	21	3
15	64QAM	36	39	19.18	19.23	19.09		
15	64QAM	75	0	19.26	19.35	19.13		
15	256QAM	1	0	17.15	17.25	17.30		
15	256QAM	1	37	17.19	17.29	17.27	19	5
15	256QAM	1	74	17.06	17.27	17.08		
15	256QAM	36	0	17.21	17.29	17.31		
15	256QAM	36	20	17.21	17.27	17.26	19	5
15	256QAM	36	39	17.21	17.25	17.17		
15	256QAM	75	0	17.03	17.25	17.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.17	22.29	22.30	24	0
10	QPSK	1	25	22.21	22.31	22.06		
10	QPSK	1	49	22.20	22.24	22.08		
10	QPSK	25	0	21.26	21.27	21.26	23	1
10	QPSK	25	12	21.08	21.27	21.20		
10	QPSK	25	25	21.15	21.21	21.03		
10	QPSK	50	0	21.23	21.34	21.20		
10	16QAM	1	0	21.22	21.34	21.30	23	1
10	16QAM	1	25	21.21	21.28	21.11		
10	16QAM	1	49	21.14	21.17	21.04		
10	16QAM	25	0	20.13	20.34	20.31	22	2
10	16QAM	25	12	20.08	20.27	20.13		
10	16QAM	25	25	20.10	20.16	20.17		
10	16QAM	50	0	20.25	20.24	20.18		
10	64QAM	1	0	20.21	20.40	20.18		
10	64QAM	1	25	20.16	20.18	20.23	22	2
10	64QAM	1	49	20.03	20.23	20.07		
10	64QAM	25	0	19.12	19.36	19.28		
10	64QAM	25	12	19.07	19.35	19.16	21	3
10	64QAM	25	25	19.21	19.23	19.08		
10	64QAM	50	0	19.24	19.34	19.13		
10	256QAM	1	0	17.18	17.32	17.28		
10	256QAM	1	25	17.20	17.30	17.19	19	5
10	256QAM	1	49	17.11	17.23	17.11		
10	256QAM	25	0	17.31	17.29	17.27		
10	256QAM	25	12	17.18	17.28	17.25	19	5
10	256QAM	25	25	17.20	17.25	17.08		
10	256QAM	50	0	17.04	17.31	17.12		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.26	22.33	22.25	24	0
5	QPSK	1	12	22.15	22.32	22.13		
5	QPSK	1	24	22.19	22.22	22.13		
5	QPSK	12	0	21.26	21.27	21.28	23	1
5	QPSK	12	7	21.15	21.33	21.11		
5	QPSK	12	13	21.15	21.23	21.06		
5	QPSK	25	0	21.18	21.34	21.27		
5	16QAM	1	0	21.25	21.32	21.22	23	1
5	16QAM	1	12	21.13	21.19	21.19		
5	16QAM	1	24	21.13	21.25	21.10		
5	16QAM	12	0	20.24	20.34	20.38	22	2
5	16QAM	12	7	20.05	20.26	20.14		
5	16QAM	12	13	20.13	20.19	20.08		
5	16QAM	25	0	20.22	20.26	20.22		
5	64QAM	1	0	20.26	20.30	20.20	22	2
5	64QAM	1	12	20.20	20.22	20.22		
5	64QAM	1	24	20.09	20.21	20.04		
5	64QAM	12	0	19.14	19.38	19.30	21	3
5	64QAM	12	7	19.08	19.33	19.19		
5	64QAM	12	13	19.18	19.29	19.11		
5	64QAM	25	0	19.32	19.26	19.16		
5	256QAM	1	0	17.25	17.29	17.36	19	5
5	256QAM	1	12	17.16	17.24	17.24		
5	256QAM	1	24	17.08	17.30	17.08		
5	256QAM	12	0	17.28	17.24	17.30	19	5
5	256QAM	12	7	17.19	17.29	17.19		
5	256QAM	12	13	17.18	17.22	17.16		
5	256QAM	25	0	17.04	17.23	17.02		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.22	22.34	22.25	24	0
3	QPSK	1	8	22.23	22.21	22.14		
3	QPSK	1	14	22.11	22.20	22.11		
3	QPSK	8	0	21.21	21.28	21.29	23	1
3	QPSK	8	4	21.07	21.33	21.10		
3	QPSK	8	7	21.14	21.25	21.11		
3	QPSK	15	0	21.22	21.26	21.25		
3	16QAM	1	0	21.22	21.24	21.27	23	1
3	16QAM	1	8	21.21	21.23	21.16		
3	16QAM	1	14	21.07	21.17	21.04		
3	16QAM	8	0	20.23	20.43	20.30	22	2
3	16QAM	8	4	20.09	20.28	20.17		
3	16QAM	8	7	20.13	20.27	20.14		
3	16QAM	15	0	20.26	20.24	20.14		
3	64QAM	1	0	20.22	20.40	20.25	22	2
3	64QAM	1	8	20.19	20.24	20.17		
3	64QAM	1	14	20.04	20.29	19.97		
3	64QAM	8	0	19.15	19.44	19.26	21	3
3	64QAM	8	4	19.08	19.33	19.15		
3	64QAM	8	7	19.19	19.29	19.07		
3	64QAM	15	0	19.24	19.28	19.14		
3	256QAM	1	0	17.14	17.26	17.29	19	5
3	256QAM	1	8	17.18	17.31	17.18		
3	256QAM	1	14	17.07	17.25	17.03		
3	256QAM	8	0	17.29	17.27	17.21	19	5
3	256QAM	8	4	17.24	17.20	17.17		
3	256QAM	8	7	17.15	17.32	17.10		
3	256QAM	15	0	17.10	17.24	17.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.25	22.35	22.27	24	0
1.4	QPSK	1	3	22.24	22.26	22.09		
1.4	QPSK	1	5	22.18	22.22	22.17		
1.4	QPSK	3	0	22.14	22.25	22.22		
1.4	QPSK	3	1	22.14	22.19	22.02		
1.4	QPSK	3	3	22.16	22.14	22.13		
1.4	QPSK	6	0	21.26	21.29	21.17	23	1
1.4	16QAM	1	0	21.23	21.27	21.28	23	1
1.4	16QAM	1	3	21.23	21.25	21.15		
1.4	16QAM	1	5	21.16	21.23	21.05		
1.4	16QAM	3	0	21.21	21.22	21.03		
1.4	16QAM	3	1	21.15	21.16	21.19		
1.4	16QAM	3	3	21.15	21.22	21.04		
1.4	16QAM	6	0	20.25	20.28	20.16	22	2
1.4	64QAM	1	0	20.19	20.35	20.25	22	2
1.4	64QAM	1	3	20.11	20.25	20.14		
1.4	64QAM	1	5	20.10	20.27	20.05		
1.4	64QAM	3	0	20.13	20.19	20.03		
1.4	64QAM	3	1	20.10	20.24	20.16		
1.4	64QAM	3	3	20.07	20.15	20.06		
1.4	64QAM	6	0	19.23	19.31	19.16	21	3
1.4	256QAM	1	0	17.19	17.25	17.30	19	5
1.4	256QAM	1	3	17.22	17.28	17.18		
1.4	256QAM	1	5	17.16	17.30	17.01		
1.4	256QAM	3	0	17.24	17.29	17.30		
1.4	256QAM	3	1	17.15	17.26	17.19		
1.4	256QAM	3	3	17.13	17.29	17.16		
1.4	256QAM	6	0	17.08	17.20	17.07	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.06	22.07	22.03	23.5	0
20	QPSK	1	49	21.91	22.01	21.92		
20	QPSK	1	99	21.92	21.97	21.94		
20	QPSK	50	0	21.96	22.04	21.99	23.5	0
20	QPSK	50	24	21.86	21.87	21.81		
20	QPSK	50	50	21.82	21.87	21.82		
20	QPSK	100	0	21.90	22.03	21.97		
20	16QAM	1	0	21.93	22.00	21.98	23.5	0
20	16QAM	1	49	21.77	21.96	21.82		
20	16QAM	1	99	21.71	21.89	21.91		
20	16QAM	50	0	20.82	21.01	21.00	22.5	1
20	16QAM	50	24	20.88	20.96	20.90		
20	16QAM	50	50	20.87	21.01	20.91		
20	16QAM	100	0	20.92	21.01	21.03		
20	64QAM	1	0	20.91	20.88	20.76	22.5	1
20	64QAM	1	49	20.82	20.82	20.88		
20	64QAM	1	99	20.91	21.04	20.93		
20	64QAM	50	0	20.01	20.03	19.98	21.5	2
20	64QAM	50	24	19.89	20.06	19.93		
20	64QAM	50	50	19.89	19.92	19.97		
20	64QAM	100	0	19.94	20.08	19.94		
20	256QAM	1	0	18.02	18.11	18.02		
20	256QAM	1	49	17.85	17.96	17.86	19.5	4
20	256QAM	1	99	17.84	17.97	17.88		
20	256QAM	50	0	17.94	18.01	17.99	19.5	4
20	256QAM	50	24	17.84	17.84	17.84		
20	256QAM	50	50	17.76	17.86	17.87		
20	256QAM	100	0	17.99	18.05	17.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.96	22.01	21.98	23.5	0
15	QPSK	1	37	21.85	21.95	21.85		
15	QPSK	1	74	21.72	21.89	21.86		
15	QPSK	36	0	21.82	21.99	21.87	23.5	0
15	QPSK	36	20	21.74	21.80	21.68		
15	QPSK	36	39	21.78	21.82	21.72		
15	QPSK	75	0	21.90	21.93	21.84		
15	16QAM	1	0	21.88	21.96	21.85	23.5	0
15	16QAM	1	37	21.64	21.88	21.70		
15	16QAM	1	74	21.65	21.73	21.88		
15	16QAM	36	0	20.96	20.96	20.88	22.5	1
15	16QAM	36	20	20.85	20.89	20.77		
15	16QAM	36	39	20.84	20.89	20.87		
15	16QAM	75	0	20.82	20.90	20.93		
15	64QAM	1	0	20.78	20.79	20.69	22.5	1
15	64QAM	1	37	20.80	20.76	20.85		
15	64QAM	1	74	20.79	20.99	20.86		
15	64QAM	36	0	19.98	19.93	19.94	21.5	2
15	64QAM	36	20	19.92	19.92	19.88		
15	64QAM	36	39	19.78	19.80	19.84		
15	64QAM	75	0	19.83	20.06	19.84		
15	256QAM	1	0	17.91	18.00	17.89	19.5	4
15	256QAM	1	37	17.73	17.84	17.74		
15	256QAM	1	74	17.76	17.86	17.84		
15	256QAM	36	0	17.85	17.93	17.92	19.5	4
15	256QAM	36	20	17.74	17.80	17.79		
15	256QAM	36	39	17.62	17.76	17.85		
15	256QAM	75	0	17.90	17.92	17.89		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.02	22.02	21.98	23.5	0
10	QPSK	1	25	21.85	21.89	21.80		
10	QPSK	1	49	21.78	21.85	21.87		
10	QPSK	25	0	21.92	21.91	21.92	23.5	0
10	QPSK	25	12	21.75	21.75	21.75		
10	QPSK	25	25	21.69	21.80	21.69		
10	QPSK	50	0	21.83	21.96	21.91		
10	16QAM	1	0	21.91	21.94	21.93	23.5	0
10	16QAM	1	25	21.72	21.83	21.72		
10	16QAM	1	49	21.58	21.81	21.83		
10	16QAM	25	0	20.93	20.95	20.92	22.5	1
10	16QAM	25	12	20.78	20.84	20.79		
10	16QAM	25	25	20.85	20.95	20.79		
10	16QAM	50	0	20.79	20.88	20.97		
10	64QAM	1	0	20.82	20.83	20.68	22.5	1
10	64QAM	1	25	20.70	20.70	20.84		
10	64QAM	1	49	20.84	20.98	20.86		
10	64QAM	25	0	19.96	19.97	19.91	21.5	2
10	64QAM	25	12	19.85	19.94	19.83		
10	64QAM	25	25	19.83	19.81	19.89		
10	64QAM	50	0	19.83	19.97	19.92		
10	256QAM	1	0	17.73	17.90	17.99	19.5	4
10	256QAM	1	25	17.76	17.91	17.82		
10	256QAM	1	49	17.76	17.89	17.84		
10	256QAM	25	0	17.91	17.89	17.90	19.5	4
10	256QAM	25	12	17.80	17.79	17.81		
10	256QAM	25	25	17.64	17.84	17.80		
10	256QAM	50	0	17.86	17.97	17.79		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.95	21.98	21.93	23.5	0
5	QPSK	1	12	21.80	21.90	21.80		
5	QPSK	1	24	21.76	21.89	21.83		
5	QPSK	12	0	21.92	22.02	21.86	23.5	0
5	QPSK	12	7	21.82	21.82	21.75		
5	QPSK	12	13	21.79	21.73	21.75		
5	QPSK	25	0	21.91	21.91	21.90		
5	16QAM	1	0	21.87	21.97	21.93	23.5	0
5	16QAM	1	12	21.72	21.87	21.78		
5	16QAM	1	24	21.58	21.81	21.88		
5	16QAM	12	0	20.91	20.97	20.90	22.5	1
5	16QAM	12	7	20.83	20.87	20.78		
5	16QAM	12	13	20.80	20.95	20.87		
5	16QAM	25	0	20.85	20.99	20.91		
5	64QAM	1	0	20.77	20.83	20.65	22.5	1
5	64QAM	1	12	20.70	20.79	20.85		
5	64QAM	1	24	20.77	20.98	20.87		
5	64QAM	12	0	19.96	19.97	19.92	21.5	2
5	64QAM	12	7	19.85	19.95	19.89		
5	64QAM	12	13	19.82	19.79	19.89		
5	64QAM	25	0	19.85	19.95	19.82		
5	256QAM	1	0	18.00	18.03	17.96	19.5	4
5	256QAM	1	12	17.80	17.86	17.75		
5	256QAM	1	24	17.73	17.90	17.81		
5	256QAM	12	0	17.92	17.96	17.96	19.5	4
5	256QAM	12	7	17.80	17.82	17.77		
5	256QAM	12	13	17.63	17.84	17.79		
5	256QAM	25	0	17.88	17.99	17.86		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.00	21.93	21.94	23.5	0
3	QPSK	1	8	21.80	21.96	21.82		
3	QPSK	1	14	21.72	21.93	21.83		
3	QPSK	8	0	21.82	21.97	21.96	23.5	0
3	QPSK	8	4	21.81	21.76	21.68		
3	QPSK	8	7	21.77	21.79	21.71		
3	QPSK	15	0	21.87	21.96	21.88		
3	16QAM	1	0	21.92	21.92	21.85	23.5	0
3	16QAM	1	8	21.65	21.92	21.78		
3	16QAM	1	14	21.67	21.87	21.81		
3	16QAM	8	0	20.91	21.03	20.97	22.5	1
3	16QAM	8	4	20.81	20.94	20.80		
3	16QAM	8	7	20.82	20.98	20.82		
3	16QAM	15	0	20.86	20.92	20.98		
3	64QAM	1	0	20.87	20.76	20.63	22.5	1
3	64QAM	1	8	20.79	20.77	20.85		
3	64QAM	1	14	20.87	20.97	20.85		
3	64QAM	8	0	19.90	20.01	19.84	21.5	2
3	64QAM	8	4	19.80	19.93	19.89		
3	64QAM	8	7	19.80	19.79	19.93		
3	64QAM	15	0	19.91	20.02	19.81		
3	256QAM	1	0	17.98	17.98	17.90	19.5	4
3	256QAM	1	8	17.73	17.82	17.78		
3	256QAM	1	14	17.73	17.90	17.79		
3	256QAM	8	0	17.85	17.96	17.92	19.5	4
3	256QAM	8	4	17.73	17.75	17.73		
3	256QAM	8	7	17.69	17.77	17.79		
3	256QAM	15	0	17.90	17.97	17.84		
Channel				20057	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.98	21.98	21.93	23.5	0
1.4	QPSK	1	3	21.77	21.97	21.88		
1.4	QPSK	1	5	21.82	21.94	21.82		
1.4	QPSK	3	0	21.86	21.95	21.88		
1.4	QPSK	3	1	21.76	21.73	21.73		
1.4	QPSK	3	3	21.73	21.84	21.75		
1.4	QPSK	6	0	21.83	21.94	21.87	23.5	0
1.4	16QAM	1	0	21.82	21.95	21.95	23.5	0
1.4	16QAM	1	3	21.71	21.83	21.80		
1.4	16QAM	1	5	21.66	21.75	21.81		
1.4	16QAM	3	0	21.71	21.81	21.82		
1.4	16QAM	3	1	21.67	21.77	21.68		
1.4	16QAM	3	3	21.58	21.67	21.77		
1.4	16QAM	6	0	20.88	20.95	21.00	22.5	1
1.4	64QAM	1	0	20.81	20.84	20.63	22.5	1
1.4	64QAM	1	3	20.74	20.71	20.86		
1.4	64QAM	1	5	20.83	20.94	20.81		
1.4	64QAM	3	0	20.83	20.88	20.91		
1.4	64QAM	3	1	20.78	20.81	20.50		
1.4	64QAM	3	3	20.61	20.66	20.76		
1.4	64QAM	6	0	19.85	20.00	19.87	21.5	2
1.4	256QAM	1	0	17.95	18.03	17.88	19.5	4
1.4	256QAM	1	3	17.81	17.88	17.78		
1.4	256QAM	1	5	17.75	17.85	17.78		
1.4	256QAM	3	0	17.91	17.96	17.86		
1.4	256QAM	3	1	17.73	17.79	17.70		
1.4	256QAM	3	3	17.71	17.79	17.75		
1.4	256QAM	6	0	17.89	17.91	17.81	19.5	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.93	19.97	19.94	21.5	0
20	QPSK	1	49	19.84	19.84	19.84		
20	QPSK	1	99	19.86	19.87	19.85		
20	QPSK	50	0	19.88	19.94	19.88	21.5	0
20	QPSK	50	24	19.72	19.77	19.79		
20	QPSK	50	50	19.79	19.77	19.81		
20	QPSK	100	0	19.84	19.93	19.81		
20	16QAM	1	0	19.83	19.95	19.82	21.5	0
20	16QAM	1	49	19.72	19.71	19.71		
20	16QAM	1	99	19.74	19.75	19.72		
20	16QAM	50	0	19.79	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.22	22.27	22.21	23.5	0
20	QPSK	1	49	22.08	22.24	22.18		
20	QPSK	1	99	22.18	22.21	22.09		
20	QPSK	50	0	21.21	21.30	21.22	22.5	1
20	QPSK	50	24	21.04	21.20	21.14		
20	QPSK	50	50	21.14	21.25	21.05		
20	QPSK	100	0	21.25	21.26	21.19		
20	16QAM	1	0	21.19	21.25	21.21	22.5	1
20	16QAM	1	49	21.02	21.20	21.14		
20	16QAM	1	99	21.20	21.24	21.12		
20	16QAM	50	0	20.25	20.34	20.21	21.5	2
20	16QAM	50	24	20.05	20.19	20.09		
20	16QAM	50	50	20.14	20.24	20.08		
20	16QAM	100	0	20.23	20.22	20.22		
20	64QAM	1	0	20.17	20.27	20.22	21.5	2
20	64QAM	1	49	20.01	20.21	20.18		
20	64QAM	1	99	20.19	20.18	20.10		
20	64QAM	50	0	19.19	19.33	19.21	20.5	3
20	64QAM	50	24	19.07	19.24	19.18		
20	64QAM	50	50	19.12	19.23	19.03		
20	64QAM	100	0	19.20	19.29	19.17		
20	256QAM	1	0	17.26	17.34	17.26	18.5	5
20	256QAM	1	49	17.00	17.19	17.18		
20	256QAM	1	99	17.10	17.29	17.05		
20	256QAM	50	0	17.29	17.30	17.21	18.5	5
20	256QAM	50	24	17.20	17.26	17.21		
20	256QAM	50	50	17.01	17.23	17.11		
20	256QAM	100	0	17.14	17.29	17.18		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.12	22.19	22.10	23.5	0
15	QPSK	1	37	22.04	22.20	22.05		
15	QPSK	1	74	22.15	22.12	22.02		
15	QPSK	36	0	21.12	21.23	21.08	22.5	1
15	QPSK	36	20	20.91	21.12	21.03		
15	QPSK	36	39	21.07	21.18	20.96		
15	QPSK	75	0	21.17	21.17	21.12		
15	16QAM	1	0	21.16	21.16	21.17	22.5	1
15	16QAM	1	37	20.88	21.10	21.04		
15	16QAM	1	74	21.17	21.10	20.99		
15	16QAM	36	0	20.21	20.23	20.12	21.5	2
15	16QAM	36	20	20.00	20.07	19.96		
15	16QAM	36	39	20.06	20.18	19.98		
15	16QAM	75	0	20.18	20.18	20.10		
15	64QAM	1	0	20.13	20.20	20.09	21.5	2
15	64QAM	1	37	19.89	20.18	20.11		
15	64QAM	1	74	20.16	20.10	19.99		
15	64QAM	36	0	19.17	19.30	19.13	20.5	3
15	64QAM	36	20	19.00	19.18	19.11		
15	64QAM	36	39	19.05	19.19	18.98		
15	64QAM	75	0	19.12	19.25	19.09		
15	256QAM	1	0	17.22	17.30	17.24	18.5	5
15	256QAM	1	37	16.96	17.12	17.05		
15	256QAM	1	74	17.05	17.16	16.98		
15	256QAM	36	0	17.17	17.20	17.17	18.5	5
15	256QAM	36	20	17.09	17.16	17.17		
15	256QAM	36	39	16.90	17.16	17.09		
15	256QAM	75	0	17.07	17.21	17.15		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.08	22.16	22.13	23.5	0
10	QPSK	1	25	21.94	22.16	22.15		
10	QPSK	1	49	22.13	22.15	22.03		
10	QPSK	25	0	21.10	21.25	21.10	22.5	1
10	QPSK	25	12	20.92	21.08	21.08		
10	QPSK	25	25	21.01	21.21	20.96		
10	QPSK	50	0	21.22	21.19	21.10		
10	16QAM	1	0	21.13	21.15	21.13	22.5	1
10	16QAM	1	25	20.93	21.12	21.08		
10	16QAM	1	49	21.15	21.21	21.09		
10	16QAM	25	0	20.22	20.28	20.09	21.5	2
10	16QAM	25	12	20.02	20.11	20.00		
10	16QAM	25	25	20.10	20.17	20.02		
10	16QAM	50	0	20.13	20.11	20.12		
10	64QAM	1	0	20.04	20.18	20.16	21.5	2
10	64QAM	1	25	19.87	20.13	20.16		
10	64QAM	1	49	20.05	20.13	19.99		
10	64QAM	25	0	19.12	19.29	19.14	20.5	3
10	64QAM	25	12	19.05	19.16	19.16		
10	64QAM	25	25	19.00	19.10	18.94		
10	64QAM	50	0	19.07	19.18	19.08		
10	256QAM	1	0	17.21	17.26	17.14	18.5	5
10	256QAM	1	25	16.91	17.06	17.08		
10	256QAM	1	49	17.07	17.23	16.98		
10	256QAM	25	0	17.16	17.18	17.19	18.5	5
10	256QAM	25	12	17.09	17.17	17.15		
10	256QAM	25	25	16.95	17.11	17.00		
10	256QAM	50	0	17.11	17.18	17.11		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.13	22.15	22.07	23.5	0
5	QPSK	1	12	21.99	22.19	22.08		
5	QPSK	1	24	22.06	22.08	22.06		
5	QPSK	12	0	21.16	21.20	21.09	22.5	1
5	QPSK	12	7	20.97	21.10	21.07		
5	QPSK	12	13	21.04	21.19	20.92		
5	QPSK	25	0	21.18	21.23	21.08		
5	16QAM	1	0	21.15	21.14	21.13	22.5	1
5	16QAM	1	12	20.93	21.09	21.03		
5	16QAM	1	24	21.14	21.21	21.06		
5	16QAM	12	0	20.22	20.23	20.13	21.5	2
5	16QAM	12	7	19.95	20.14	20.03		
5	16QAM	12	13	20.02	20.21	19.99		
5	16QAM	25	0	20.10	20.17	20.16		
5	64QAM	1	0	20.05	20.20	20.10	21.5	2
5	64QAM	1	12	19.88	20.16	20.13		
5	64QAM	1	24	20.16	20.06	20.04		
5	64QAM	12	0	19.13	19.24	19.08	20.5	3
5	64QAM	12	7	19.02	19.21	19.10		
5	64QAM	12	13	19.03	19.20	18.92		
5	64QAM	25	0	19.07	19.20	19.13		
5	256QAM	1	0	17.17	17.29	17.19	18.5	5
5	256QAM	1	12	16.94	17.11	17.12		
5	256QAM	1	24	17.05	17.18	16.93		
5	256QAM	12	0	17.23	17.23	17.16	18.5	5
5	256QAM	12	7	17.16	17.20	17.10		
5	256QAM	12	13	16.89	17.11	17.02		
5	256QAM	25	0	17.04	17.25	17.14		

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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	20.65	20.66	20.71	20.64	20.69	22	0
20	QPSK	1	49	20.61	20.62	20.57	20.60	20.67		
20	QPSK	1	99	20.59	20.52	20.69	20.54	20.65		
20	QPSK	50	0	20.61	20.60	20.69	20.55	20.64	22	0
20	QPSK	50	24	20.53	20.60	20.59	20.53	20.56		
20	QPSK	50	50	20.52	20.61	20.64	20.55	20.62		
20	QPSK	100	0	20.54	20.60	20.64	20.50	20.63		
20	16QAM	1	0	20.61	20.52	20.60	20.60	20.66	22	0
20	16QAM	1	49	20.58	20.51	20.51	20.54	20.59		
20	16QAM	1	99	20.48	20.48	20.60	20.47	20.59		
20	16QAM	50	0	20.12	20.17	20.24	20.19	20.24	21.5	0.5
20	16QAM	50	24	20.11	20.17	20.02	20.13	20.23		
20	16QAM	50	50	20.04	19.99	20.16	20.05	20.17		
20	16QAM	100	0	20.06	20.07	20.22	20.10	20.11		
20	64QAM	1	0	20.03	20.08	20.09	20.01	20.07	21.5	0.5
20	64QAM	1	49	19.97	20.07	20.14	20.02	20.12		
20	64QAM	1	99	19.99	20.09	20.18	19.99	20.16		
20	64QAM	50	0	19.20	19.18	19.24	19.11	19.15	20.5	1.5
20	64QAM	50	24	19.14	19.12	19.13	19.15	19.19		
20	64QAM	50	50	19.04	19.05	19.22	19.07	19.10		
20	64QAM	100	0	19.10	19.13	19.25	19.09	19.18		
20	256QAM	1	0	17.14	17.13	17.16	17.18	17.20	18.5	3.5
20	256QAM	1	49	17.06	17.11	17.09	17.15	17.12		
20	256QAM	1	99	17.03	16.97	17.17	17.09	17.20		
20	256QAM	50	0	17.06	17.06	17.19	17.02	17.18	18.5	3.5
20	256QAM	50	24	17.07	17.09	17.07	17.08	17.01		
20	256QAM	50	50	17.03	17.17	17.12	17.10	17.06		
20	256QAM	100	0	16.98	17.13	17.10	16.99	17.12		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.53	20.54	20.57	20.51	20.62	22.00	0
15	QPSK	1	37	20.57	20.58	20.53	20.48	20.61		
15	QPSK	1	74	20.57	20.45	20.62	20.51	20.61		
15	QPSK	36	0	20.49	20.56	20.64	20.48	20.58	22	0
15	QPSK	36	20	20.45	20.47	20.48	20.51	20.47		
15	QPSK	36	39	20.39	20.55	20.58	20.51	20.50		
15	QPSK	75	0	20.51	20.48	20.50	20.36	20.56		
15	16QAM	1	0	20.52	20.40	20.57	20.48	20.60	22	0
15	16QAM	1	37	20.51	20.47	20.38	20.50	20.54		
15	16QAM	1	74	20.35	20.36	20.54	20.33	20.47		
15	16QAM	36	0	20.09	20.03	20.13	20.13	20.17	21.5	0.5
15	16QAM	36	20	19.98	20.12	19.92	20.10	20.12		
15	16QAM	36	39	19.96	19.95	20.12	20.01	20.13		
15	16QAM	75	0	19.92	19.97	20.20	20.04	20.03		
15	64QAM	1	0	19.93	20.02	20.05	19.95	19.95	21.5	0.5
15	64QAM	1	37	19.93	19.99	20.05	19.95	20.07		
15	64QAM	1	74	19.93	20.00	20.05	19.97	20.05		
15	64QAM	36	0	19.09	19.04	19.14	19.02	19.05	20.5	1.5
15	64QAM	36	20	19.01	18.98	19.11	19.05	19.11		
15	64QAM	36	39	18.91	18.91	19.18	18.93	19.06		
15	64QAM	75	0	19.05	19.08	19.21	19.03	19.12		
15	256QAM	1	0	17.12	17.10	17.12	17.10	17.07	18.5	3.5
15	256QAM	1	37	16.94	17.02	17.00	17.09	17.03		
15	256QAM	1	74	16.99	16.90	17.13	17.03	17.13		
15	256QAM	36	0	17.02	17.01	17.06	16.93	17.05	18.5	3.5
15	256QAM	36	20	17.00	17.06	16.99	17.00	16.89		
15	256QAM	36	39	17.01	17.13	17.04	16.98	16.96		
15	256QAM	75	0	16.84	17.09	16.99	16.96	17.02		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.63	20.60	20.66	20.61	20.60	22.00	0
10	QPSK	1	25	20.55	20.57	20.46	20.53	20.64		
10	QPSK	1	49	20.54	20.39	20.64	20.48	20.55		
10	QPSK	25	0	20.58	20.49	20.57	20.45	20.54	22	0
10	QPSK	25	12	20.40	20.56	20.48	20.45	20.51		
10	QPSK	25	25	20.47	20.52	20.57	20.46	20.59		
10	QPSK	50	0	20.40	20.54	20.53	20.40	20.51		
10	16QAM	1	0	20.51	20.49	20.51	20.51	20.58	22	0
10	16QAM	1	25	20.46	20.39	20.38	20.46	20.53		
10	16QAM	1	49	20.34	20.40	20.58	20.37	20.54		
10	16QAM	25	0	20.10	20.06	20.11	20.09	20.12	21.5	0.5
10	16QAM	25	12	20.02	20.13	19.98	20.06	20.17		
10	16QAM	25	25	19.94	19.85	20.11	20.02	20.07		
10	16QAM	50	0	20.03	20.04	20.19	19.99	20.04		
10	64QAM	1	0	19.99	20.05	19.98	19.92	19.95	21.5	0.5
10	64QAM	1	25	19.86	19.99	20.03	19.91	20.01		
10	64QAM	1	49	19.97	19.98	20.10	19.93	20.12		
10	64QAM	25	0	19.15	19.12	19.12	19.02	19.05	20.5	1.5
10	64QAM	25	12	19.11	19.04	19.01	19.04	19.06		
10	64QAM	25	25	18.97	18.92	19.08	19.00	19.08		
10	64QAM	50	0	18.98	18.99	19.23	19.06	19.07		
10	256QAM	1	0	17.04	17.05	17.10	17.14	17.09	18.5	3.5
10	256QAM	1	25	16.95	17.07	16.97	17.03	17.08		
10	256QAM	1	49	16.96	16.94	17.08	16.96	17.12		
10	256QAM	25	0	16.94	17.00	17.06	17.00	17.10	18.5	3.5
10	256QAM	25	12	16.93	17.03	16.98	17.03	16.96		
10	256QAM	25	25	16.95	17.12	16.98	17.06	16.97		
10	256QAM	50	0	16.88	17.01	17.08	16.87	17.06		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.59	20.53	20.65	20.59	20.55	22.00	0
5	QPSK	1	12	20.58	20.59	20.52	20.57	20.61		
5	QPSK	1	24	20.51	20.50	20.58	20.44	20.59		
5	QPSK	12	0	20.56	20.51	20.60	20.50	20.52	22	0
5	QPSK	12	7	20.43	20.58	20.56	20.41	20.53		
5	QPSK	12	13	20.50	20.56	20.59	20.46	20.50		
5	QPSK	25	0	20.47	20.55	20.61	20.44	20.56		
5	16QAM	1	0	20.54	20.48	20.49	20.48	20.60	22	0
5	16QAM	1	12	20.47	20.41	20.42	20.45	20.48		
5	16QAM	1	24	20.34	20.40	20.51	20.39	20.54		
5	16QAM	12	0	20.05	20.07	20.16	20.10	20.13	21.5	0.5
5	16QAM	12	7	20.06	20.13	19.92	20.01	20.09		
5	16QAM	12	13	19.94	19.90	20.10	20.00	20.05		
5	16QAM	25	0	19.93	20.05	20.09	20.03	20.09		
5	64QAM	1	0	20.01	19.99	19.98	19.87	19.98	21.5	0.5
5	64QAM	1	12	19.94	20.04	20.05	19.92	20.04		
5	64QAM	1	24	19.93	20.04	20.14	19.92	20.10		
5	64QAM	12	0	19.16	19.10	19.18	19.04	19.03	20.5	1.5
5	64QAM	12	7	19.09	18.99	19.03	19.02	19.06		
5	64QAM	12	13	18.99	18.93	19.10	19.03	19.04		
5	64QAM	25	0	19.06	19.10	19.22	18.97	19.15		
5	256QAM	1	0	17.10	17.01	17.10	17.05	17.09	18.5	3.5
5	256QAM	1	12	16.95	17.00	16.97	17.05	17.09		
5	256QAM	1	24	16.92	16.87	17.04	17.03	17.09		
5	256QAM	12	0	17.01	16.94	17.09	16.92	17.08	18.5	3.5
5	256QAM	12	7	17.04	17.04	16.93	16.97	16.91		
5	256QAM	12	13	16.93	17.07	17.00	16.99	17.02		
5	256QAM	25	0	16.87	17.07	16.99	16.92	17.09		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	25.06	25.12	25.10	25.7	0
20	QPSK	1	49	24.94	25.09	24.99		
20	QPSK	1	99	24.99	25.08	25.03		
20	QPSK	50	0	24.07	24.16	24.05	24.7	1
20	QPSK	50	24	23.96	24.11	23.94		
20	QPSK	50	50	23.99	24.11	24.00		
20	QPSK	100	0	24.06	24.12	24.05		
20	16QAM	1	0	24.12	24.11	24.09	24.7	1
20	16QAM	1	49	23.98	24.09	23.97		
20	16QAM	1	99	23.93	24.04	24.03		
20	16QAM	50	0	23.13	23.16	23.06	23.7	2
20	16QAM	50	24	22.99	23.11	22.90		
20	16QAM	50	50	23.00	23.07	23.05		
20	16QAM	100	0	23.09	23.07	23.09		
20	64QAM	1	0	23.10	23.12	23.12	23.7	2
20	64QAM	1	49	22.92	23.08	23.02		
20	64QAM	1	99	22.93	23.05	23.02		
20	64QAM	50	0	22.11	22.12	22.07	22.7	3
20	64QAM	50	24	22.00	22.13	21.95		
20	64QAM	50	50	21.95	22.12	22.04		
20	64QAM	100	0	22.04	22.15	22.07		
20	256QAM	1	0	20.13	20.16	20.06	20.7	5
20	256QAM	1	49	19.91	20.17	19.96		
20	256QAM	1	99	19.94	20.12	20.00		
20	256QAM	50	0	20.02	20.07	20.09	20.7	5
20	256QAM	50	24	20.06	20.06	20.08		
20	256QAM	50	50	20.00	20.13	19.94		
20	256QAM	100	0	19.96	19.98	20.04		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	25.01	25.10	25.03	25.7	0
15	QPSK	1	37	24.83	25.01	24.96		
15	QPSK	1	74	24.96	24.97	24.95		
15	QPSK	36	0	23.94	24.06	23.93	24.7	1
15	QPSK	36	20	23.88	23.98	23.92		
15	QPSK	36	39	23.86	24.00	23.95		
15	QPSK	75	0	23.93	24.09	24.01		
15	16QAM	1	0	24.10	24.07	24.07	24.7	1
15	16QAM	1	37	23.94	23.97	23.89		
15	16QAM	1	74	23.86	23.92	23.97		
15	16QAM	36	0	23.01	23.08	22.96	23.7	2
15	16QAM	36	20	22.87	23.01	22.87		
15	16QAM	36	39	22.92	23.00	22.97		
15	16QAM	75	0	23.06	23.03	22.96		
15	64QAM	1	0	23.05	23.05	23.08	23.7	2
15	64QAM	1	37	22.80	23.02	23.00		
15	64QAM	1	74	22.88	22.96	22.93		
15	64QAM	36	0	22.05	22.07	22.02	22.7	3
15	64QAM	36	20	21.88	22.00	21.85		
15	64QAM	36	39	21.84	22.06	21.96		
15	64QAM	75	0	22.01	22.03	22.04		
15	256QAM	1	0	20.01	20.03	19.96	20.7	5
15	256QAM	1	37	19.80	20.13	19.93		
15	256QAM	1	74	19.82	20.07	19.97		
15	256QAM	36	0	19.93	20.03	20.06	20.7	5
15	256QAM	36	20	19.96	19.94	19.99		
15	256QAM	36	39	19.93	20.06	19.82		
15	256QAM	75	0	19.87	19.92	20.01		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.97	25.02	24.99	25.7	0
10	QPSK	1	25	24.82	25.06	24.93		
10	QPSK	1	49	24.88	24.94	24.93		
10	QPSK	25	0	23.97	24.04	23.95	24.7	1
10	QPSK	25	12	23.93	24.08	23.87		
10	QPSK	25	25	23.85	24.02	23.92		
10	QPSK	50	0	23.98	24.06	23.91		
10	16QAM	1	0	24.00	24.03	23.99	24.7	1
10	16QAM	1	25	23.86	23.96	23.94		
10	16QAM	1	49	23.86	24.00	23.97		
10	16QAM	25	0	23.05	23.07	23.01	23.7	2
10	16QAM	25	12	22.86	23.07	22.87		
10	16QAM	25	25	22.87	22.96	23.01		
10	16QAM	50	0	22.99	22.94	23.02		
10	64QAM	1	0	23.05	23.00	23.03	23.7	2
10	64QAM	1	25	22.79	23.02	22.96		
10	64QAM	1	49	22.89	22.94	22.89		
10	64QAM	25	0	22.09	22.04	21.97	22.7	3
10	64QAM	25	12	21.88	22.02	21.92		
10	64QAM	25	25	21.83	22.05	21.93		
10	64QAM	50	0	21.93	22.09	21.99		
10	256QAM	1	0	20.10	20.11	19.98	20.7	5
10	256QAM	1	25	19.88	20.04	19.85		
10	256QAM	1	49	19.84	20.07	19.88		
10	256QAM	25	0	19.96	20.05	19.97	20.7	5
10	256QAM	25	12	19.92	20.02	19.94		
10	256QAM	25	25	19.91	20.08	19.81		
10	256QAM	50	0	19.83	19.92	19.92		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.98	25.07	25.00	25.7	0
5	QPSK	1	12	24.91	25.01	24.97		
5	QPSK	1	24	24.91	25.02	24.93		
5	QPSK	12	0	23.98	24.02	24.00	24.7	1
5	QPSK	12	7	23.87	24.05	23.80		
5	QPSK	12	13	23.88	24.04	23.93		
5	QPSK	25	0	24.01	24.02	24.02		
5	16QAM	1	0	24.00	24.06	24.06	24.7	1
5	16QAM	1	12	23.85	24.01	23.87		
5	16QAM	1	24	23.86	23.93	24.00		
5	16QAM	12	0	23.10	23.10	23.03	23.7	2
5	16QAM	12	7	22.97	23.05	22.79		
5	16QAM	12	13	22.97	22.98	22.94		
5	16QAM	25	0	23.06	23.02	23.06		
5	64QAM	1	0	23.02	22.98	23.02	23.7	2
5	64QAM	1	12	22.85	23.03	22.99		
5	64QAM	1	24	22.90	22.94	22.97		
5	64QAM	12	0	21.99	21.99	21.98	22.7	3
5	64QAM	12	7	21.93	22.01	21.91		
5	64QAM	12	13	21.91	21.98	21.95		
5	64QAM	25	0	21.93	22.06	21.99		
5	256QAM	1	0	20.04	20.09	19.99	20.7	5
5	256QAM	1	12	19.85	20.08	19.85		
5	256QAM	1	24	19.83	20.06	19.92		
5	256QAM	12	0	19.96	19.99	19.99	20.7	5
5	256QAM	12	7	20.03	20.02	20.06		
5	256QAM	12	13	19.88	20.01	19.81		
5	256QAM	25	0	19.86	19.86	19.95		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	25.13	25.17	25.15	25.08	25.7	0
20	QPSK	1	49	25.02	25.14	25.08	24.96		
20	QPSK	1	99	25.08	25.12	25.11	24.99		
20	QPSK	50	0	24.11	24.18	24.16	24.02	24.7	1
20	QPSK	50	24	24.05	24.17	24.09	24.01		
20	QPSK	50	50	24.12	24.09	24.07	24.04		
20	QPSK	100	0	24.07	24.16	24.12	24.11		
20	16QAM	1	0	24.16	24.16	24.15	24.05	24.7	1
20	16QAM	1	49	24.02	24.09	24.03	24.01		
20	16QAM	1	99	24.12	24.07	24.08	24.01		
20	16QAM	50	0	23.16	23.16	23.22	23.01	23.7	2
20	16QAM	50	24	23.04	23.12	23.09	22.97		
20	16QAM	50	50	23.08	23.11	23.05	23.00		
20	16QAM	100	0	23.06	23.19	23.07	23.13		
20	64QAM	1	0	23.13	23.11	23.10	23.03	23.7	2
20	64QAM	1	49	22.98	23.14	22.99	23.03		
20	64QAM	1	99	23.10	23.08	23.13	22.98		
20	64QAM	50	0	22.13	22.18	22.12	22.04	22.7	3
20	64QAM	50	24	22.02	22.16	22.10	21.96		
20	64QAM	50	50	22.11	22.12	22.12	22.06		
20	64QAM	100	0	22.04	22.12	22.06	22.16		
20	256QAM	1	0	20.06	20.18	20.22	20.06	20.7	5
20	256QAM	1	49	20.03	20.14	20.10	20.05		
20	256QAM	1	99	20.12	20.13	20.11	20.00		
20	256QAM	50	0	20.10	20.20	20.07	20.10	20.7	5
20	256QAM	50	24	20.16	20.21	20.10	20.10		
20	256QAM	50	50	20.07	20.07	20.06	20.06		
20	256QAM	100	0	20.17	20.05	20.08	19.99		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	25.05	25.12	25.03	24.94	25.7	0
15	QPSK	1	37	24.93	25.12	25.03	24.92		
15	QPSK	1	74	25.02	24.99	25.06	24.88		
15	QPSK	36	0	23.98	24.15	24.12	23.94	24.7	1
15	QPSK	36	20	23.91	24.08	24.04	23.99		
15	QPSK	36	39	24.00	23.97	23.94	23.98		
15	QPSK	75	0	24.04	24.07	24.07	24.07		
15	16QAM	1	0	24.02	24.02	24.07	23.95	24.7	1
15	16QAM	1	37	23.89	23.96	23.92	23.96		
15	16QAM	1	74	24.09	23.99	24.01	23.89		
15	16QAM	36	0	23.05	23.05	23.12	22.98	23.7	2
15	16QAM	36	20	22.91	23.05	22.95	22.90		
15	16QAM	36	39	23.04	22.97	23.03	22.88		
15	16QAM	75	0	23.02	23.09	22.97	22.99		
15	64QAM	1	0	23.05	22.97	23.03	23.00	23.7	2
15	64QAM	1	37	22.94	23.01	22.86	22.94		
15	64QAM	1	74	23.04	23.02	23.08	22.94		
15	64QAM	36	0	21.99	22.15	22.03	21.92	22.7	3
15	64QAM	36	20	21.98	22.02	22.00	21.91		
15	64QAM	36	39	22.05	22.05	22.07	22.01		
15	64QAM	75	0	21.93	22.02	21.98	22.13		
15	256QAM	1	0	19.95	20.13	20.20	20.01	20.7	5
15	256QAM	1	37	19.92	20.08	20.00	20.01		
15	256QAM	1	74	20.09	20.02	20.08	19.88		
15	256QAM	36	0	19.98	20.09	20.00	20.02	20.7	5
15	256QAM	36	20	20.03	20.12	20.01	20.08		
15	256QAM	36	39	20.00	19.98	19.93	19.98		
15	256QAM	75	0	20.12	20.03	20.06	19.91		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	25.03	25.07	25.02	25.04	25.7	0
10	QPSK	1	25	24.95	25.01	24.96	24.89		
10	QPSK	1	49	25.06	25.04	25.07	24.90		
10	QPSK	25	0	24.03	24.10	24.07	23.90	24.7	1
10	QPSK	25	12	23.97	24.11	24.02	23.92		
10	QPSK	25	25	24.04	24.03	23.93	23.90		
10	QPSK	50	0	23.95	24.09	24.02	24.09		
10	16QAM	1	0	24.08	24.06	24.04	23.96	24.7	1
10	16QAM	1	25	23.89	24.05	23.94	23.96		
10	16QAM	1	49	24.05	24.01	24.00	23.97		
10	16QAM	25	0	23.13	23.07	23.16	22.88	23.7	2
10	16QAM	25	12	23.01	23.00	22.95	22.90		
10	16QAM	25	25	23.06	23.04	22.97	22.98		
10	16QAM	50	0	22.99	23.09	23.03	23.04		
10	64QAM	1	0	23.02	23.08	23.04	22.93	23.7	2
10	64QAM	1	25	22.94	23.05	22.86	22.98		
10	64QAM	1	49	23.08	23.04	23.03	22.89		
10	64QAM	25	0	22.08	22.10	22.04	22.01	22.7	3
10	64QAM	25	12	21.96	22.14	21.98	21.93		
10	64QAM	25	25	21.98	22.06	22.09	21.96		
10	64QAM	50	0	22.01	22.05	22.02	22.13		
10	256QAM	1	0	20.02	20.08	20.19	20.00	20.7	5
10	256QAM	1	25	19.93	20.12	19.97	20.00		
10	256QAM	1	49	20.06	20.09	20.05	19.94		
10	256QAM	25	0	19.99	20.14	19.98	20.06	20.7	5
10	256QAM	25	12	20.11	20.16	20.01	20.07		
10	256QAM	25	25	20.05	19.97	19.98	19.98		
10	256QAM	50	0	20.04	19.97	20.01	19.91		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	25.09	25.05	25.13	24.97	25.7	0
5	QPSK	1	12	24.90	25.09	25.05	24.92		
5	QPSK	1	24	24.99	25.04	25.08	24.95		
5	QPSK	12	0	23.98	24.08	24.08	23.93	24.7	1
5	QPSK	12	7	23.92	24.04	23.96	23.94		
5	QPSK	12	13	24.10	24.02	23.95	23.99		
5	QPSK	25	0	23.93	24.08	24.04	23.98		
5	16QAM	1	0	24.06	24.06	24.05	23.93	24.7	1
5	16QAM	1	12	23.98	23.99	23.99	23.87		
5	16QAM	1	24	24.07	23.98	23.99	23.90		
5	16QAM	12	0	23.05	23.07	23.12	22.94	23.7	2
5	16QAM	12	7	22.91	23.05	23.03	22.89		
5	16QAM	12	13	22.97	23.03	23.03	22.87		
5	16QAM	25	0	23.02	23.16	23.02	23.04		
5	64QAM	1	0	23.10	23.04	22.98	22.91	23.7	2
5	64QAM	1	12	22.86	23.08	22.92	22.92		
5	64QAM	1	24	22.96	23.02	23.06	22.87		
5	64QAM	12	0	22.05	22.05	22.04	21.97	22.7	3
5	64QAM	12	7	21.92	22.06	22.04	21.84		
5	64QAM	12	13	22.01	22.01	21.99	22.02		
5	64QAM	25	0	21.99	22.04	22.01	22.11		
5	256QAM	1	0	20.02	20.12	20.19	20.02	20.7	5
5	256QAM	1	12	19.96	20.09	19.96	19.94		
5	256QAM	1	24	20.04	20.08	20.06	19.92		
5	256QAM	12	0	20.02	20.13	20.01	20.00	20.7	5
5	256QAM	12	7	20.08	20.12	20.08	19.99		
5	256QAM	12	13	20.03	20.04	19.95	19.97		
5	256QAM	25	0	20.07	19.97	20.04	19.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.13	24.17	24.10	25.5	0
20	QPSK	1	49	24.04	24.13	24.00		
20	QPSK	1	99	24.03	24.10	24.06		
20	QPSK	50	0	23.10	23.15	23.13	24.5	1
20	QPSK	50	24	23.09	23.14	23.00		
20	QPSK	50	50	23.05	23.13	23.07		
20	QPSK	100	0	23.12	23.13	23.07		
20	16QAM	1	0	23.15	23.14	23.13	24.5	1
20	16QAM	1	49	23.08	23.14	23.04		
20	16QAM	1	99	23.04	23.13	23.01		
20	16QAM	50	0	22.08	22.19	22.07	23.5	2
20	16QAM	50	24	22.08	22.17	22.05		
20	16QAM	50	50	22.10	22.15	22.02		
20	16QAM	100	0	22.07	22.14	22.10		
20	64QAM	1	0	22.10	22.17	22.13	23.5	2
20	64QAM	1	49	22.10	22.14	22.04		
20	64QAM	1	99	22.00	22.18	22.03		
20	64QAM	50	0	21.05	21.20	21.12	22.5	3
20	64QAM	50	24	21.04	21.17	20.98		
20	64QAM	50	50	21.06	21.16	21.02		
20	64QAM	100	0	21.16	21.15	21.06		
20	256QAM	1	0	19.14	19.18	19.15	20.5	5
20	256QAM	1	49	19.13	19.15	18.97		
20	256QAM	1	99	19.05	19.12	19.04		
20	256QAM	50	0	19.06	19.09	19.03	20.5	5
20	256QAM	50	24	19.19	19.16	19.15		
20	256QAM	50	50	19.13	19.09	19.02		
20	256QAM	100	0	19.08	19.12	19.00		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.04	24.07	24.08	25.5	0
15	QPSK	1	37	23.91	24.10	23.94		
15	QPSK	1	74	23.94	24.02	23.97		
15	QPSK	36	0	23.07	23.11	23.01	24.5	1
15	QPSK	36	20	23.02	23.02	22.93		
15	QPSK	36	39	22.99	23.10	22.95		
15	QPSK	75	0	23.05	23.01	22.97		
15	16QAM	1	0	23.10	23.10	22.99	24.5	1
15	16QAM	1	37	23.03	23.06	23.00		
15	16QAM	1	74	22.99	23.09	22.88		
15	16QAM	36	0	22.01	22.15	21.95	23.5	2
15	16QAM	36	20	22.04	22.15	21.92		
15	16QAM	36	39	21.99	22.09	21.94		
15	16QAM	75	0	21.95	22.03	21.98		
15	64QAM	1	0	22.04	22.11	21.99	23.5	2
15	64QAM	1	37	22.03	22.04	22.01		
15	64QAM	1	74	21.87	22.06	21.96		
15	64QAM	36	0	20.97	21.09	21.06	22.5	3
15	64QAM	36	20	21.02	21.06	20.91		
15	64QAM	36	39	21.01	21.04	20.93		
15	64QAM	75	0	21.07	21.07	21.00		
15	256QAM	1	0	19.11	19.12	19.02	20.5	5
15	256QAM	1	37	19.00	19.12	18.95		
15	256QAM	1	74	18.99	19.03	18.91		
15	256QAM	36	0	18.99	18.98	18.95	20.5	5
15	256QAM	36	20	19.13	19.08	19.04		
15	256QAM	36	39	19.01	19.00	18.97		
15	256QAM	75	0	19.02	19.05	18.96		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.04	24.04	24.06	25.5	0
10	QPSK	1	25	23.95	24.09	23.96		
10	QPSK	1	49	23.93	23.99	23.95		
10	QPSK	25	0	23.05	23.12	23.04	24.5	1
10	QPSK	25	12	23.03	23.00	22.96		
10	QPSK	25	25	22.91	22.99	22.97		
10	QPSK	50	0	23.06	23.01	22.98		
10	16QAM	1	0	23.02	23.10	23.06	24.5	1
10	16QAM	1	25	22.94	23.02	22.97		
10	16QAM	1	49	22.91	23.02	22.92		
10	16QAM	25	0	22.05	22.10	21.93	23.5	2
10	16QAM	25	12	22.00	22.03	22.02		
10	16QAM	25	25	22.05	22.12	21.89		
10	16QAM	50	0	22.03	22.06	22.05		
10	64QAM	1	0	22.03	22.09	22.03	23.5	2
10	64QAM	1	25	21.98	22.04	21.95		
10	64QAM	1	49	21.87	22.06	21.91		
10	64QAM	25	0	20.94	21.13	21.03	22.5	3
10	64QAM	25	12	20.92	21.09	20.92		
10	64QAM	25	25	21.02	21.05	20.91		
10	64QAM	50	0	21.13	21.07	21.00		
10	256QAM	1	0	19.00	19.08	19.13	20.5	5
10	256QAM	1	25	19.00	19.08	18.91		
10	256QAM	1	49	18.95	19.00	18.96		
10	256QAM	25	0	18.92	19.03	18.91	20.5	5
10	256QAM	25	12	19.12	19.10	19.03		
10	256QAM	25	25	19.06	19.03	18.89		
10	256QAM	50	0	19.01	19.07	18.94		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.04	24.13	24.04	25.5	0
5	QPSK	1	12	23.97	24.03	23.89		
5	QPSK	1	24	23.91	24.00	23.99		
5	QPSK	12	0	23.04	23.07	23.08	24.5	1
5	QPSK	12	7	22.99	23.05	22.97		
5	QPSK	12	13	23.02	23.10	23.04		
5	QPSK	25	0	23.00	23.05	22.99		
5	16QAM	1	0	23.13	23.02	23.01	24.5	1
5	16QAM	1	12	23.05	23.11	22.99		
5	16QAM	1	24	22.91	23.07	22.90		
5	16QAM	12	0	21.96	22.17	22.02	23.5	2
5	16QAM	12	7	21.95	22.11	21.94		
5	16QAM	12	13	22.04	22.05	21.93		
5	16QAM	25	0	22.01	22.00	22.01		
5	64QAM	1	0	22.08	22.14	22.06	23.5	2
5	64QAM	1	12	21.96	22.08	21.97		
5	64QAM	1	24	21.95	22.08	22.00		
5	64QAM	12	0	20.97	21.13	21.01	22.5	3
5	64QAM	12	7	20.98	21.06	20.91		
5	64QAM	12	13	21.00	21.10	20.95		
5	64QAM	25	0	21.14	21.03	20.93		
5	256QAM	1	0	19.10	19.08	19.11	20.5	5
5	256QAM	1	12	19.09	19.08	18.84		
5	256QAM	1	24	18.96	18.98	18.94		
5	256QAM	12	0	18.93	18.95	18.95	20.5	5
5	256QAM	12	7	19.09	19.09	19.02		
5	256QAM	12	13	19.08	18.96	18.93		
5	256QAM	25	0	18.95	19.01	18.92		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	24.08	24.12	24.06	24.05	25.5	0
20	QPSK	1	49	23.97	24.10	23.97	24.03		
20	QPSK	1	99	24.06	24.06	24.02	24.03		
20	QPSK	50	0	23.04	23.14	23.04	23.04	24.5	1
20	QPSK	50	24	22.98	23.12	22.91	23.03		
20	QPSK	50	50	23.08	23.06	23.04	23.01		
20	QPSK	100	0	23.07	23.12	23.01	23.11		
20	16QAM	1	0	23.08	23.11	23.07	23.04	24.5	1
20	16QAM	1	49	23.01	23.09	23.03	23.09		
20	16QAM	1	99	23.07	23.12	23.05	23.03		
20	16QAM	50	0	22.04	22.11	21.98	22.02	23.5	2
20	16QAM	50	24	21.94	22.16	21.93	22.06		
20	16QAM	50	50	22.04	22.02	22.05	22.06		
20	16QAM	100	0	22.04	22.11	21.95	22.13		
20	64QAM	1	0	22.08	22.15	22.10	22.03	23.5	2
20	64QAM	1	49	21.98	22.04	22.06	22.13		
20	64QAM	1	99	22.06	22.13	22.03	22.07		
20	64QAM	50	0	21.09	21.16	21.00	21.10	22.5	3
20	64QAM	50	24	20.93	21.12	20.95	21.09		
20	64QAM	50	50	21.10	21.02	20.99	21.07		
20	64QAM	100	0	21.09	21.17	20.97	21.11		
20	256QAM	1	0	19.04	19.17	19.07	18.99	20.5	5
20	256QAM	1	49	18.99	19.16	18.85	18.98		
20	256QAM	1	99	19.04	19.03	19.00	18.98		
20	256QAM	50	0	19.08	19.11	19.02	19.17	20.5	5
20	256QAM	50	24	19.06	19.10	19.10	19.03		
20	256QAM	50	50	19.00	19.06	19.01	19.12		
20	256QAM	100	0	19.08	19.12	19.10	19.05		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.96	24.02	23.97	23.95	25.5	0
15	QPSK	1	37	23.83	24.01	23.84	23.89		
15	QPSK	1	74	23.93	23.95	23.89	23.89		
15	QPSK	36	0	22.96	23.11	22.94	22.93	24.5	1
15	QPSK	36	20	22.93	22.98	22.85	22.91		
15	QPSK	36	39	23.03	22.92	22.93	22.89		
15	QPSK	75	0	22.97	23.06	22.94	23.04		
15	16QAM	1	0	22.94	23.08	22.97	22.92	24.5	1
15	16QAM	1	37	22.98	23.06	22.92	23.01		
15	16QAM	1	74	22.98	23.05	22.94	22.93		
15	16QAM	36	0	21.92	22.03	21.90	21.89	23.5	2
15	16QAM	36	20	21.89	22.09	21.89	22.01		
15	16QAM	36	39	22.02	21.99	21.95	21.93		
15	16QAM	75	0	21.94	22.00	21.84	22.09		
15	64QAM	1	0	21.97	22.07	22.07	21.98	23.5	2
15	64QAM	1	37	21.89	21.92	22.03	22.09		
15	64QAM	1	74	21.96	22.06	21.96	22.03		
15	64QAM	36	0	21.00	21.03	20.89	20.98	22.5	3
15	64QAM	36	20	20.90	20.98	20.87	20.99		
15	64QAM	36	39	21.00	20.92	20.95	21.04		
15	64QAM	75	0	20.97	21.10	20.85	21.05		
15	256QAM	1	0	18.95	19.14	18.94	18.88	20.5	5
15	256QAM	1	37	18.87	19.11	18.73	18.94		
15	256QAM	1	74	18.98	19.01	18.87	18.91		
15	256QAM	36	0	19.00	19.00	18.96	19.07	20.5	5
15	256QAM	36	20	18.95	18.98	19.00	18.90		
15	256QAM	36	39	18.97	18.97	18.93	19.08		
15	256QAM	75	0	18.97	19.06	18.98	19.02		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.99	24.08	24.01	23.95	25.5	0
10	QPSK	1	25	23.83	24.00	23.92	23.90		
10	QPSK	1	49	23.96	23.94	23.95	23.95		
10	QPSK	25	0	22.91	23.05	22.96	22.92	24.5	1
10	QPSK	25	12	22.94	23.00	22.84	22.93		
10	QPSK	25	25	22.99	23.03	22.99	22.98		
10	QPSK	50	0	22.98	23.08	22.87	23.06		
10	16QAM	1	0	23.00	23.05	23.04	22.99	24.5	1
10	16QAM	1	25	22.90	23.00	22.90	23.03		
10	16QAM	1	49	22.96	23.08	22.93	22.91		
10	16QAM	25	0	21.97	22.09	21.89	21.89	23.5	2
10	16QAM	25	12	21.85	22.10	21.83	22.03		
10	16QAM	25	25	21.96	21.94	21.98	21.94		
10	16QAM	50	0	22.01	22.09	21.93	22.07		
10	64QAM	1	0	21.95	22.01	22.05	21.91	23.5	2
10	64QAM	1	25	21.85	21.98	22.02	22.07		
10	64QAM	1	49	21.93	22.01	22.01	22.00		
10	64QAM	25	0	21.04	21.12	20.95	21.03	22.5	3
10	64QAM	25	12	20.84	21.00	20.88	21.03		
10	64QAM	25	25	21.04	20.91	20.92	21.02		
10	64QAM	50	0	20.99	21.06	20.84	21.02		
10	256QAM	1	0	18.91	19.14	19.02	18.88	20.5	5
10	256QAM	1	25	18.86	19.04	18.81	18.95		
10	256QAM	1	49	19.01	18.94	18.91	18.87		
10	256QAM	25	0	19.04	19.00	18.91	19.07	20.5	5
10	256QAM	25	12	18.98	19.06	18.98	18.97		
10	256QAM	25	25	18.94	18.97	18.94	19.06		
10	256QAM	50	0	19.04	19.10	18.98	18.98		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	24.05	24.05	24.04	24.02	25.5	0
5	QPSK	1	12	23.84	24.01	23.83	24.01		
5	QPSK	1	24	23.97	23.99	23.89	23.90		
5	QPSK	12	0	22.98	23.08	22.98	23.00	24.5	1
5	QPSK	12	7	22.91	23.08	22.82	22.97		
5	QPSK	12	13	23.02	23.00	22.92	22.93		
5	QPSK	25	0	23.05	22.99	22.95	23.00		
5	16QAM	1	0	22.97	23.00	23.00	23.01	24.5	1
5	16QAM	1	12	22.89	23.01	22.95	22.98		
5	16QAM	1	24	22.99	23.08	22.99	22.90		
5	16QAM	12	0	21.93	22.03	21.86	21.91	23.5	2
5	16QAM	12	7	21.86	22.03	21.86	21.98		
5	16QAM	12	13	21.98	21.94	21.93	22.02		
5	16QAM	25	0	21.96	22.01	21.89	22.08		
5	64QAM	1	0	22.01	22.07	21.98	21.92	23.5	2
5	64QAM	1	12	21.87	21.95	21.92	22.08		
5	64QAM	1	24	21.94	22.03	21.89	21.96		
5	64QAM	12	0	21.00	21.08	20.88	20.98	22.5	3
5	64QAM	12	7	20.86	21.02	20.83	21.00		
5	64QAM	12	13	21.07	20.98	20.92	21.01		
5	64QAM	25	0	21.01	21.11	20.89	21.04		
5	256QAM	1	0	18.90	19.06	19.04	18.93	20.5	5
5	256QAM	1	12	18.86	19.06	18.82	18.85		
5	256QAM	1	24	18.95	18.91	18.97	18.87		
5	256QAM	12	0	18.99	18.97	18.91	19.06	20.5	5
5	256QAM	12	7	18.96	19.07	19.06	18.98		
5	256QAM	12	13	18.90	19.00	18.98	19.08		
5	256QAM	25	0	19.05	19.08	19.07	18.93		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.31	20.34	20.28		
20	QPSK	1	49	20.16	20.22	20.16	22	0
20	QPSK	1	99	20.21	20.25	20.20		
20	QPSK	50	0	20.18	20.29	20.18		
20	QPSK	50	24	20.02	20.20	20.09	22	0
20	QPSK	50	50	20.17	20.14	20.16		
20	QPSK	100	0	20.21	20.27	20.24		
20	16QAM	1	0	20.19	20.25	20.23		
20	16QAM	1	49	20.09	20.14	20.04	22	0
20	16QAM	1	99	20.08	20.19	20.14		
20	16QAM	50	0	20.09	20.22	20.13		
20	16QAM	50	24	19.98	20.14	20.05	22	0
20	16QAM	50	50	20.09	20.00	20.07		
20	16QAM	100	0	20.09	20.21	20.13		
20	64QAM	1	0	20.21	20.24	20.25		
20	64QAM	1	49	20.03	20.17	20.09	22	0
20	64QAM	1	99	20.09	20.12	20.14		
20	64QAM	50	0	20.10	20.26	20.14		
20	64QAM	50	24	19.94	20.15	19.99	22	0
20	64QAM	50	50	20.12	20.04	20.02		
20	64QAM	100	0	20.12	20.13	20.11		
20	256QAM	1	0	18.31	18.30	18.23		
20	256QAM	1	49	18.14	18.16	18.14	20	2
20	256QAM	1	99	18.26	18.30	18.18		
20	256QAM	50	0	18.20	18.33	18.16		
20	256QAM	50	24	18.07	18.19	18.13	20	2
20	256QAM	50	50	18.23	18.17	18.16		
20	256QAM	100	0	18.20	18.26	18.20		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.28	20.23	20.22		
15	QPSK	1	37	20.12	20.08	20.09	22	0
15	QPSK	1	74	20.17	20.22	20.08		
15	QPSK	36	0	20.08	20.21	20.11		
15	QPSK	36	20	19.99	20.13	20.01	22	0
15	QPSK	36	39	20.10	20.12	20.07		
15	QPSK	75	0	20.12	20.25	20.22		
15	16QAM	1	0	20.16	20.19	20.13		
15	16QAM	1	37	19.99	20.08	19.96	22	0
15	16QAM	1	74	20.04	20.11	20.07		
15	16QAM	36	0	20.02	20.12	20.03		
15	16QAM	36	20	19.91	20.11	19.99	22	0
15	16QAM	36	39	20.02	19.95	19.97		
15	16QAM	75	0	20.05	20.15	20.10		
15	64QAM	1	0	20.17	20.19	20.12		
15	64QAM	1	37	19.91	20.08	20.07	22	0
15	64QAM	1	74	20.00	20.10	20.10		
15	64QAM	36	0	19.96	20.20	20.03		
15	64QAM	36	20	19.91	20.05	19.94	22	0
15	64QAM	36	39	19.98	19.95	19.92		
15	64QAM	75	0	20.06	20.06	19.97		
15	256QAM	1	0	18.25	18.21	18.12		
15	256QAM	1	37	18.03	18.07	18.11	20	2
15	256QAM	1	74	18.23	18.26	18.11		
15	256QAM	36	0	18.09	18.31	18.04		
15	256QAM	36	20	17.98	18.15	18.01	20	2
15	256QAM	36	39	18.13	18.05	18.11		
15	256QAM	75	0	18.11	18.24	18.10		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.20	20.27	20.22		
10	QPSK	1	25	20.04	20.19	20.08	22	0
10	QPSK	1	49	20.14	20.15	20.10		
10	QPSK	25	0	20.10	20.26	20.15		
10	QPSK	25	12	19.99	20.09	19.97	22	0
10	QPSK	25	25	20.06	20.00	20.11		
10	QPSK	50	0	20.15	20.14	20.19		
10	16QAM	1	0	20.16	20.17	20.11		
10	16QAM	1	25	20.06	20.06	19.96	22	0
10	16QAM	1	49	20.02	20.13	20.10		
10	16QAM	25	0	20.05	20.18	20.00		
10	16QAM	25	12	19.84	20.10	19.94	22	0
10	16QAM	25	25	20.06	19.90	20.05		
10	16QAM	50	0	19.96	20.14	20.02		
10	64QAM	1	0	20.19	20.12	20.11		
10	64QAM	1	25	19.97	20.13	20.02	22	0
10	64QAM	1	49	19.97	20.10	20.00		
10	64QAM	25	0	20.02	20.21	20.11		
10	64QAM	25	12	19.82	20.09	19.86	22	0
10	64QAM	25	25	20.02	19.95	19.95		
10	64QAM	50	0	20.09	20.06	20.07		
10	256QAM	1	0	18.25	18.23	18.17		
10	256QAM	1	25	18.11	18.07	18.11	20	2
10	256QAM	1	49	18.13	18.17	18.09		
10	256QAM	25	0	18.10	18.22	18.10		
10	256QAM	25	12	18.00	18.15	18.10	20	2
10	256QAM	25	25	18.15	18.05	18.06		
10	256QAM	50	0	18.17	18.21	18.15		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.19	20.31	20.25		
5	QPSK	1	12	20.04	20.14	20.03	22	0
5	QPSK	1	24	20.15	20.16	20.10		
5	QPSK	12	0	20.08	20.19	20.09		
5	QPSK	12	7	19.95	20.14	20.02	22	0
5	QPSK	12	13	20.11	20.00	20.10		
5	QPSK	25	0	20.07	20.24	20.12		
5	16QAM	1	0	20.13	20.19	20.16		
5	16QAM	1	12	20.05	20.07	19.98	22	0
5	16QAM	1	24	19.99	20.07	20.11		
5	16QAM	12	0	20.06	20.18	20.07		
5	16QAM	12	7	19.95	20.10	19.92	22	0
5	16QAM	12	13	20.01	19.92	19.97		
5	16QAM	25	0	20.05	20.13	20.07		
5	64QAM	1	0	20.14	20.11	20.18		
5	64QAM	1	12	19.98	20.06	19.95	22	0
5	64QAM	1	24	20.04	20.08	20.06		
5	64QAM	12	0	19.97	20.23	20.01		
5	64QAM	12	7	19.87	20.05	19.95	22	0
5	64QAM	12	13	20.02	19.98	19.93		
5	64QAM	25	0	19.99	19.99	20.01		
5	256QAM	1	0	18.28	18.21	18.14		
5	256QAM	1	12	18.07	18.08	18.08	20	2
5	256QAM	1	24	18.19	18.18	18.15		
5	256QAM	12	0	18.13	18.25	18.09		
5	256QAM	12	7	18.03	18.12	18.11	20	2
5	256QAM	12	13	18.09	18.11	18.06		
5	256QAM	25	0	18.12	18.18	18.08		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.23	21.35	21.18	21.29		
20	QPSK	1	49	21.15	21.30	21.21	21.19	23	0
20	QPSK	1	99	21.32	21.19	21.28	21.18		
20	QPSK	50	0	21.17	21.30	21.15	21.16		
20	QPSK	50	24	21.24	21.19	21.19	21.12	23	0
20	QPSK	50	50	21.15	21.23	21.11	21.14		
20	QPSK	100	0	21.24	21.27	21.10	21.19		
20	16QAM	1	0	21.12	21.26	21.11	21.22		
20	16QAM	1	49	21.08	21.22	21.08	21.11	23	0
20	16QAM	1	99	21.22	21.16	21.17	21.09		
20	16QAM	50	0	21.10	21.18	21.06	21.11		
20	16QAM	50	24	21.14	21.10	21.06	21.04	23	0
20	16QAM	50	50	21.07	21.16	21.08	21.01		
20	16QAM	100	0	21.19	21.16	21.06	21.16		
20	64QAM	1	0	21.15	21.23	21.15	21.27		
20	64QAM	1	49	21.03	21.18	21.16	21.09	23	0
20	64QAM	1	99	21.26	21.10	21.24	21.10		
20	64QAM	50	0	20.20	20.32	20.20	20.28		
20	64QAM	50	24	20.13	20.30	20.24	20.16	22	1
20	64QAM	50	50	20.27	20.14	20.24	20.22		
20	64QAM	100	0	20.19	20.31	20.12	20.12		
20	256QAM	1	0	18.27	18.32	18.14	18.25		
20	256QAM	1	49	18.12	18.26	18.21	18.15	20	3
20	256QAM	1	99	18.26	18.18	18.29	18.13		
20	256QAM	50	0	18.20	18.26	18.17	18.11		
20	256QAM	50	24	18.27	18.17	18.18	18.09	20	3
20	256QAM	50	50	18.13	18.26	18.07	18.12		
20	256QAM	100	0	18.18	18.25	18.08	18.14		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.16	21.34	21.19	21.26		
15	QPSK	1	37	21.15	21.21	21.17	21.11	23	0
15	QPSK	1	74	21.27	21.16	21.29	21.10		
15	QPSK	36	0	21.10	21.26	21.09	21.06		
15	QPSK	36	20	21.24	21.10	21.15	21.06	23	0
15	QPSK	36	39	21.09	21.22	21.10	21.11		
15	QPSK	75	0	21.16	21.20	21.02	21.11		
15	16QAM	1	0	21.06	21.17	21.08	21.20		
15	16QAM	1	37	21.00	21.21	21.02	21.08	23	0
15	16QAM	1	74	21.13	21.14	21.18	21.09		
15	16QAM	36	0	21.10	21.09	21.13	21.04		
15	16QAM	36	20	21.14	21.06	21.06	21.02	23	0
15	16QAM	36	39	21.04	21.15	21.09	21.15		
15	16QAM	75	0	21.18	21.17	21.01	21.13		
15	64QAM	1	0	21.11	21.16	21.15	21.23		
15	64QAM	1	37	21.23	21.14	21.15	21.05	23	0
15	64QAM	1	74	21.23	21.06	21.14	21.04		
15	64QAM	36	0	20.11	20.24	20.18	20.25		
15	64QAM	36	20	20.03	20.30	20.17	20.09	22	1
15	64QAM	36	39	20.17	20.04	20.18	20.22		
15	64QAM	75	0	20.18	20.29	20.08	20.12		
15	256QAM	1	0	18.21	18.22	18.15	18.20		
15	256QAM	1	37	18.08	18.21	18.20	18.09	20	3
15	256QAM	1	74	18.17	18.16	18.29	18.15		
15	256QAM	36	0	18.12	18.19	18.11	18.07		
15	256QAM	36	20	18.21	18.14	18.14	18.01	20	3
15	256QAM	36	39	18.11	18.19	18.02	18.03		
15	256QAM	75	0	18.18	18.17	18.01	18.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.24	21.27	21.17	21.24		
10	QPSK	1	25	21.09	21.24	21.20	21.11	23	0
10	QPSK	1	49	21.31	21.18	21.28	21.09		
10	QPSK	25	0	21.15	21.21	21.15	21.16		
10	QPSK	25	12	21.24	21.18	21.12	21.13	23	0
10	QPSK	25	25	21.13	21.16	21.12	21.05		
10	QPSK	50	0	21.23	21.25	21.00	21.13		
10	16QAM	1	0	21.07	21.21	21.12	21.17		
10	16QAM	1	25	21.01	21.13	21.01	21.04	23	0
10	16QAM	1	49	21.16	21.12	21.17	21.11		
10	16QAM	25	0	21.02	21.19	21.03	21.03		
10	16QAM	25	12	21.14	21.04	21.19	21.11	23	0
10	16QAM	25	25	21.07	21.11	21.00	21.00		
10	16QAM	50	0	21.19	21.18	21.05	21.06		
10	64QAM	1	0	21.13	21.25	21.06	21.28		
10	64QAM	1	25	21.02	21.13	21.07	21.04	23	0
10	64QAM	1	49	21.25	21.03	21.23	21.10		
10	64QAM	25	0	20.10	20.33	20.22	20.21		
10	64QAM	25	12	20.12	20.31	20.18	20.15	22	1
10	64QAM	25	25	20.19	20.11	20.17	20.18		
10	64QAM	50	0	20.20	20.32	20.12	20.13		
10	256QAM	1	0	18.28	18.32	18.07	18.21		
10	256QAM	1	25	18.11	18.23	18.19	18.13	20	3
10	256QAM	1	49	18.28	18.08	18.30	18.08		
10	256QAM	25	0	18.20	18.16	18.11	18.03		
10	256QAM	25	12	18.28	18.09	18.11	18.09	20	3
10	256QAM	25	25	18.07	18.18	18.11	18.12		
10	256QAM	50	0	18.14	18.26	18.06	18.08		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.24	21.32	21.18	21.28		
5	QPSK	1	12	21.07	21.22	21.14	21.12	23	0
5	QPSK	1	24	21.25	21.15	21.29	21.16		
5	QPSK	12	0	21.09	21.28	21.10	21.17		
5	QPSK	12	7	21.18	21.15	21.09	21.08	23	0
5	QPSK	12	13	21.09	21.18	21.10	21.12		
5	QPSK	25	0	21.16	21.18	21.03	21.11		
5	16QAM	1	0	21.08	21.26	21.02	21.23		
5	16QAM	1	12	21.06	21.14	21.00	21.04	23	0
5	16QAM	1	24	21.19	21.12	21.16	21.02		
5	16QAM	12	0	21.00	21.19	21.15	21.13		
5	16QAM	12	7	21.15	21.05	21.02	21.04	23	0
5	16QAM	12	13	21.08	21.16	21.01	21.13		
5	16QAM	25	0	21.11	21.12	21.00	21.12		
5	64QAM	1	0	21.15	21.16	21.16	21.23		
5	64QAM	1	12	21.00	21.19	21.09	21.03	23	0
5	64QAM	1	24	21.19	21.01	21.20	21.05		
5	64QAM	12	0	20.21	20.27	20.19	20.27		
5	64QAM	12	7	20.04	20.25	20.19	20.09	22	1
5	64QAM	12	13	20.24	20.07	20.26	20.12		
5	64QAM	25	0	20.19	20.28	20.07	20.06		
5	256QAM	1	0	18.21	18.22	18.12	18.18		
5	256QAM	1	12	18.08	18.18	18.23	18.13	20	3
5	256QAM	1	24	18.17	18.13	18.28	18.07		
5	256QAM	12	0	18.15	18.25	18.08	18.02		
5	256QAM	12	7	18.26	18.13	18.18	18.01	20	3
5	256QAM	12	13	18.09	18.23	18.03	18.07		
5	256QAM	25	0	18.18	18.22	18.00	18.13		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.62	17.69	17.67		
20	QPSK	1	49	17.54	17.62	17.49	19	0
20	QPSK	1	99	17.54	17.62	17.51		
20	QPSK	50	0	17.49	17.66	17.57		
20	QPSK	50	24	17.48	17.52	17.38	19	0
20	QPSK	50	50	17.40	17.49	17.39		
20	QPSK	100	0	17.54	17.65	17.54		
20	16QAM	1	0	17.50	17.64	17.63		
20	16QAM	1	49	17.47	17.50	17.47	19	0
20	16QAM	1	99	17.49	17.56	17.38		
20	16QAM	50	0	17.46	17.52	17.49		
20	16QAM	50	24	17.36	17.43	17.31	19	0
20	16QAM	50	50	17.35	17.35	17.36		
20	16QAM	100	0	17.43	17.55	17.40		
20	64QAM	1	0	17.59	17.63	17.63		
20	64QAM	1	49	17.52	17.54	17.43	19	0
20	64QAM	1	99	17.51	17.60	17.42		
20	64QAM	50	0	17.38	17.52	17.49		
20	64QAM	50	24	17.42	17.46	17.36	19	0
20	64QAM	50	50	17.35	17.42	17.28		
20	64QAM	100	0	17.48	17.55	17.50		
20	256QAM	1	0	17.48	17.61	17.58		
20	256QAM	1	49	17.48	17.49	17.43	19	0
20	256QAM	1	99	17.41	17.53	17.37		
20	256QAM	50	0	17.44	17.60	17.53		
20	256QAM	50	24	17.42	17.40	17.27	19	0
20	256QAM	50	50	17.33	17.43	17.34		
20	256QAM	100	0	17.44	17.53	17.51		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.50	17.64	17.63		
15	QPSK	1	37	17.47	17.55	17.41	19	0
15	QPSK	1	74	17.44	17.55	17.37		
15	QPSK	36	0	17.38	17.60	17.51		
15	QPSK	36	20	17.39	17.47	17.33	19	0
15	QPSK	36	39	17.31	17.39	17.34		
15	QPSK	75	0	17.42	17.60	17.46		
15	16QAM	1	0	17.43	17.51	17.52		
15	16QAM	1	37	17.39	17.40	17.45	19	0
15	16QAM	1	74	17.37	17.44	17.28		
15	16QAM	36	0	17.41	17.42	17.39		
15	16QAM	36	20	17.29	17.33	17.20	19	0
15	16QAM	36	39	17.22	17.33	17.31		
15	16QAM	75	0	17.30	17.50	17.36		
15	64QAM	1	0	17.46	17.60	17.60		
15	64QAM	1	37	17.47	17.48	17.38	19	0
15	64QAM	1	74	17.48	17.46	17.28		
15	64QAM	36	0	17.25	17.43	17.39		
15	64QAM	36	20	17.33	17.40	17.22	19	0
15	64QAM	36	39	17.27	17.30	17.26		
15	64QAM	75	0	17.40	17.51	17.44		
15	256QAM	1	0	17.42	17.48	17.48		
15	256QAM	1	37	17.35	17.36	17.37	19	0
15	256QAM	1	74	17.27	17.51	17.29		
15	256QAM	36	0	17.42	17.51	17.44		
15	256QAM	36	20	17.33	17.27	17.13	19	0
15	256QAM	36	39	17.29	17.38	17.26		
15	256QAM	75	0	17.42	17.44	17.39		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.57	17.65	17.57		
10	QPSK	1	25	17.51	17.59	17.43	19	0
10	QPSK	1	49	17.50	17.51	17.41		
10	QPSK	25	0	17.44	17.58	17.47		
10	QPSK	25	12	17.45	17.39	17.33	19	0
10	QPSK	25	25	17.33	17.44	17.32		
10	QPSK	50	0	17.46	17.52	17.44		
10	16QAM	1	0	17.41	17.52	17.57		
10	16QAM	1	25	17.38	17.42	17.43	19	0
10	16QAM	1	49	17.37	17.43	17.36		
10	16QAM	25	0	17.42	17.43	17.40		
10	16QAM	25	12	17.33	17.38	17.23	19	0
10	16QAM	25	25	17.27	17.24	17.26		
10	16QAM	50	0	17.40	17.50	17.34		
10	64QAM	1	0	17.56	17.54	17.59		
10	64QAM	1	25	17.40	17.45	17.34	19	0
10	64QAM	1	49	17.45	17.49	17.31		
10	64QAM	25	0	17.34	17.45	17.39		
10	64QAM	25	12	17.32	17.35	17.30	19	0
10	64QAM	25	25	17.32	17.29	17.17		
10	64QAM	50	0	17.42	17.48	17.44		
10	256QAM	1	0	17.46	17.55	17.51		
10	256QAM	1	25	17.42	17.46	17.40	19	0
10	256QAM	1	49	17.34	17.48	17.27		
10	256QAM	25	0	17.33	17.58	17.45		
10	256QAM	25	12	17.39	17.29	17.22	19	0
10	256QAM	25	25	17.27	17.30	17.21		
10	256QAM	50	0	17.41	17.49	17.47		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.60	17.59	17.65		
5	QPSK	1	12	17.52	17.51	17.44	19	0
5	QPSK	1	24	17.44	17.59	17.49		
5	QPSK	12	0	17.36	17.53	17.48		
5	QPSK	12	7	17.46	17.47	17.25	19	0
5	QPSK	12	13	17.33	17.39	17.33		
5	QPSK	25	0	17.51	17.60	17.41		
5	16QAM	1	0	17.46	17.56	17.52		
5	16QAM	1	12	17.39	17.46	17.45	19	0
5	16QAM	1	24	17.40	17.44	17.24		
5	16QAM	12	0	17.41	17.43	17.42		
5	16QAM	12	7	17.24	17.40	17.19	19	0
5	16QAM	12	13	17.29	17.22	17.28		
5	16QAM	25	0	17.36	17.42	17.33		
5	64QAM	1	0	17.49	17.52	17.58		
5	64QAM	1	12	17.49	17.48	17.30	19	0
5	64QAM	1	24	17.40	17.47	17.34		
5	64QAM	12	0	17.30	17.48	17.45		
5	64QAM	12	7	17.36	17.39	17.23	19	0
5	64QAM	12	13	17.22	17.36	17.16		
5	64QAM	25	0	17.39	17.43	17.40		
5	256QAM	1	0	17.46	17.59	17.45		
5	256QAM	1	12	17.42	17.37	17.41	19	0
5	256QAM	1	24	17.29	17.45	17.24		
5	256QAM	12	0	17.33	17.54	17.39		
5	256QAM	12	7	17.32	17.29	17.18	19	0
5	256QAM	12	13	17.25	17.38	17.27		
5	256QAM	25	0	17.37	17.45	17.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.06	19.13	19.12	19.07		
20	QPSK	1	49	19.04	19.05	19.08	18.94	20.5	0
20	QPSK	1	99	18.95	19.01	19.04	18.94		
20	QPSK	50	0	18.95	19.10	19.02	19.04		
20	QPSK	50	24	19.01	18.97	19.02	18.89	20.5	0
20	QPSK	50	50	18.91	18.93	18.90	18.89		
20	QPSK	100	0	18.93	19.08	19.07	19.01		
20	16QAM	1	0	19.00	19.03	19.03	18.96		
20	16QAM	1	49	18.94	19.00	18.99	18.84	20.5	0
20	16QAM	1	99	18.84	18.87	18.99	18.89		
20	16QAM	50	0	18.93	19.00	18.88	19.00		
20	16QAM	50	24	18.94	18.88	18.96	18.77	20.5	0
20	16QAM	50	50	18.82	18.81	18.84	18.78		
20	16QAM	100	0	18.81	19.03	18.96	18.96		
20	64QAM	1	0	18.99	19.06	19.04	19.04		
20	64QAM	1	49	18.91	19.01	19.05	18.89	20.5	0
20	64QAM	1	99	18.90	18.95	19.02	18.88		
20	64QAM	50	0	18.92	19.06	18.97	18.92		
20	64QAM	50	24	18.90	18.84	18.93	18.85	20.5	0
20	64QAM	50	50	18.81	18.84	18.78	18.80		
20	64QAM	100	0	18.86	19.04	18.94	18.87		
20	256QAM	1	0	18.06	18.10	18.10	18.05		
20	256QAM	1	49	18.02	18.01	18.06	17.95	19.5	1
20	256QAM	1	99	18.00	17.95	18.09	17.98		
20	256QAM	50	0	17.94	18.13	18.07	18.01		
20	256QAM	50	24	17.98	18.00	18.04	17.89	19.5	1
20	256QAM	50	50	17.86	17.89	17.96	17.88		
20	256QAM	100	0	17.87	18.11	18.01	17.98		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.02	19.03	19.06	19.04		
15	QPSK	1	37	18.97	18.97	19.01	18.86	20.5	0
15	QPSK	1	74	18.87	18.98	18.95	18.82		
15	QPSK	36	0	18.91	19.04	18.93	18.95		
15	QPSK	36	20	18.88	18.94	19.00	18.83	20.5	0
15	QPSK	36	39	18.77	18.90	18.82	18.75		
15	QPSK	75	0	18.82	19.01	19.04	18.97		
15	16QAM	1	0	18.95	18.93	18.96	18.91		
15	16QAM	1	37	18.82	18.92	18.86	18.71	20.5	0
15	16QAM	1	74	18.72	18.84	18.95	18.76		
15	16QAM	36	0	18.87	18.89	18.75	18.92		
15	16QAM	36	20	18.91	18.77	18.90	18.71	20.5	0
15	16QAM	36	39	18.74	18.72	18.77	18.73		
15	16QAM	75	0	18.69	19.01	18.83	18.87		
15	64QAM	1	0	18.92	18.93	18.91	18.91		
15	64QAM	1	37	18.82	18.91	18.92	18.87	20.5	0
15	64QAM	1	74	18.83	18.93	18.95	18.80		
15	64QAM	36	0	18.86	19.01	18.86	18.83		
15	64QAM	36	20	18.85	18.75	18.82	18.83	20.5	0
15	64QAM	36	39	18.75	18.82	18.74	18.70		
15	64QAM	75	0	18.74	18.91	18.89	18.82		
15	256QAM	1	0	17.93	18.01	18.05	17.98		
15	256QAM	1	37	17.97	17.96	17.98	17.82	19.5	1
15	256QAM	1	74	17.94	17.82	18.00	17.90		
15	256QAM	36	0	17.80	18.03	18.02	17.87		
15	256QAM	36	20	17.84	17.89	18.01	17.83	19.5	1
15	256QAM	36	39	17.84	17.76	17.92	17.82		
15	256QAM	75	0	17.79	17.99	17.87	17.88		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.02	19.10	19.05	19.02		
10	QPSK	1	25	18.91	18.95	18.99	18.90	20.5	0
10	QPSK	1	49	18.90	18.88	19.02	18.88		
10	QPSK	25	0	18.90	19.06	18.93	18.99		
10	QPSK	25	12	18.95	18.86	18.94	18.81	20.5	0
10	QPSK	25	25	18.78	18.86	18.86	18.84		
10	QPSK	50	0	18.84	18.99	18.99	18.92		
10	16QAM	1	0	18.93	18.91	18.96	18.91		
10	16QAM	1	25	18.91	18.86	18.94	18.79	20.5	0
10	16QAM	1	49	18.72	18.83	18.86	18.84		
10	16QAM	25	0	18.90	18.86	18.77	18.89		
10	16QAM	25	12	18.81	18.77	18.89	18.72	20.5	0
10	16QAM	25	25	18.68	18.75	18.80	18.69		
10	16QAM	50	0	18.67	18.96	18.94	18.88		
10	64QAM	1	0	18.93	19.00	18.94	18.91		
10	64QAM	1	25	18.83	18.93	18.99	18.81	20.5	0
10	64QAM	1	49	18.81	18.92	18.89	18.77		
10	64QAM	25	0	18.81	19.02	18.87	18.87		
10	64QAM	25	12	18.87	18.74	18.89	18.72	20.5	0
10	64QAM	25	25	18.68	18.72	18.74	18.69		
10	64QAM	50	0	18.72	18.95	18.89	18.82		
10	256QAM	1	0	18.03	18.02	18.04	17.96		
10	256QAM	1	25	17.96	17.90	17.96	17.91	19.5	1
10	256QAM	1	49	17.94	17.83	17.97	17.94		
10	256QAM	25	0	17.82	18.10	18.01	17.90		
10	256QAM	25	12	17.86	17.94	17.96	17.83	19.5	1
10	256QAM	25	25	17.73	17.82	17.85	17.85		
10	256QAM	50	0	17.75	18.04	17.91	17.95		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.03	19.01	19.10	18.96		
5	QPSK	1	12	18.98	19.02	18.95	18.80	20.5	0
5	QPSK	1	24	18.83	18.94	18.95	18.92		
5	QPSK	12	0	18.93	19.07	18.90	18.93		
5	QPSK	12	7	18.96	18.92	18.93	18.75	20.5	0
5	QPSK	12	13	18.86	18.84	18.80	18.84		
5	QPSK	25	0	18.88	18.98	19.01	18.91		
5	16QAM	1	0	18.93	18.90	18.98	18.88		
5	16QAM	1	12	18.89	18.97	18.93	18.75	20.5	0
5	16QAM	1	24	18.80	18.78	18.92	18.78		
5	16QAM	12	0	18.90	18.93	18.77	18.95		
5	16QAM	12	7	18.80	18.85	18.87	18.71	20.5	0
5	16QAM	12	13	18.74	18.70	18.80	18.75		
5	16QAM	25	0	18.78	18.99	18.87	18.90		
5	64QAM	1	0	18.91	18.93	18.93	18.92		
5	64QAM	1	12	18.80	18.88	18.95	18.81	20.5	0
5	64QAM	1	24	18.82	18.86	18.89	18.82		
5	64QAM	12	0	18.80	18.94	18.92	18.84		
5	64QAM	12	7	18.83	18.75	18.83	18.80	20.5	0
5	64QAM	12	13	18.78	18.75	18.73	18.75		
5	64QAM	25	0	18.84	18.91	18.92	18.73		
5	256QAM	1	0	17.99	18.03	17.97	17.98		
5	256QAM	1	12	17.96	17.89	17.95	17.86	19.5	1
5	256QAM	1	24	17.90	17.92	18.06	17.93		
5	256QAM	12	0	17.91	18.06	17.95	17.92		
5	256QAM	12	7	17.96	17.97	17.90	17.87	19.5	1
5	256QAM	12	13	17.74	17.75	17.88	17.83		
5	256QAM	25	0	17.80	17.99	17.91	17.95		

Reduced Power Mode for ECI5

GSM850 Ant0 ECI5

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	33.01	33.09	33.03	34.00	24.01	24.09	24.03	25.00
GPRS 1 Tx slot	32.95	33.01	32.92	34.00	23.95	24.01	23.92	25.00
GPRS 2 Tx slots	29.98	30.11	30.03	31.00	23.98	24.11	24.03	25.00
GPRS 3 Tx slots	28.22	28.37	28.28	29.20	23.96	24.11	24.02	24.94
GPRS 4 Tx slots	27.02	27.08	26.96	28.00	24.02	24.08	23.96	25.00
EDGE 1 Tx slot	27.00	27.15	27.02	28.00	18.00	18.15	18.02	19.00
EDGE 2 Tx slots	23.85	24.01	23.90	25.00	17.85	18.01	17.90	19.00
EDGE 3 Tx slots	21.74	21.81	21.69	23.20	17.48	17.55	17.43	18.94
EDGE 4 Tx slots	20.68	20.75	20.64	22.00	17.68	17.75	17.64	19.00

WCDMA V Ant0 ECI5

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	23.99	24.10	24.06	25.00
3GPP Rel 99	RMC 12.2Kbps	24.11	24.14	24.09	25.00
3GPP Rel 6	HSDPA Subtest-1	23.09	23.19	23.12	24.00
3GPP Rel 6	HSDPA Subtest-2	23.15	23.09	23.12	24.00
3GPP Rel 6	HSDPA Subtest-3	22.56	22.65	22.59	23.50
3GPP Rel 6	HSDPA Subtest-4	22.58	22.66	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.11	23.13	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.16	23.13	23.15	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.60	22.67	22.63	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.60	22.65	22.60	23.50
3GPP Rel 6	HSUPA Subtest-1	23.07	23.12	23.04	24.00
3GPP Rel 6	HSUPA Subtest-2	21.07	21.16	21.08	22.00
3GPP Rel 6	HSUPA Subtest-3	22.15	22.17	22.05	23.00
3GPP Rel 6	HSUPA Subtest-4	21.15	21.19	21.06	22.00
3GPP Rel 6	HSUPA Subtest-5	23.09	23.09	23.04	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.63	20.68	20.54	21.50

Band 5 Ant0 ECI5

BW [MHz]	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	25.08	25.15	25.11	25.7	0
10	QPSK	1	25	25.05	25.11	25.09		
10	QPSK	1	49	25.00	25.12	25.04		
10	QPSK	25	0	24.05	24.19	24.06	24.7	1
10	QPSK	25	12	24.08	24.07	24.10		
10	QPSK	25	25	24.00	24.14	24.07		
10	QPSK	50	0	24.11	24.17	24.16		
10	16QAM	1	0	24.04	24.14	24.10	24.7	1
10	16QAM	1	25	24.11	24.08	24.10		
10	16QAM	1	49	23.98	24.07	24.01		
10	16QAM	25	0	23.04	23.21	23.09	23.7	2
10	16QAM	25	12	23.08	23.12	23.13		
10	16QAM	25	25	22.97	23.13	23.12		
10	16QAM	50	0	23.13	23.18	23.19		
10	64QAM	1	0	23.05	23.20	23.14	23.7	2
10	64QAM	1	25	23.11	23.04	23.06		
10	64QAM	1	49	22.95	23.11	23.05		
10	64QAM	25	0	22.06	22.23	22.06	22.7	3
10	64QAM	25	12	22.06	22.11	22.10		
10	64QAM	25	25	22.04	22.12	22.06		
10	64QAM	50	0	22.06	22.22	22.20		
10	256QAM	1	0	20.11	20.19	20.07	20.7	5
10	256QAM	1	25	20.06	20.07	20.12		
10	256QAM	1	49	20.02	20.18	20.06		
10	256QAM	25	0	20.16	20.22	20.18	20.7	5
10	256QAM	25	12	20.02	20.18	20.09		
10	256QAM	25	25	20.07	20.12	20.12		
10	256QAM	50	0	19.98	20.09	19.99		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.05	25.11	25.04	25.7	0
5	QPSK	1	12	24.97	25.05	25.07		
5	QPSK	1	24	24.93	25.04	24.98		
5	QPSK	12	0	23.93	24.09	23.99	24.7	1
5	QPSK	12	7	23.96	24.00	24.04		
5	QPSK	12	13	23.97	24.08	24.01		
5	QPSK	25	0	24.02	24.10	24.13		
5	16QAM	1	0	24.00	24.02	24.04	24.7	1
5	16QAM	1	12	24.04	23.97	24.06		
5	16QAM	1	24	23.90	23.96	23.96		
5	16QAM	12	0	22.92	23.17	23.01	23.7	2
5	16QAM	12	7	23.04	22.99	23.06		
5	16QAM	12	13	22.93	23.05	23.06		
5	16QAM	25	0	23.05	23.13	23.06		
5	64QAM	1	0	22.96	23.09	23.08	23.7	2
5	64QAM	1	12	23.08	23.00	22.98		
5	64QAM	1	24	22.84	23.06	22.94		
5	64QAM	12	0	21.92	22.11	21.99	22.7	3
5	64QAM	12	7	21.95	22.00	21.96		
5	64QAM	12	13	21.99	22.01	21.94		
5	64QAM	25	0	21.99	22.17	22.11		
5	256QAM	1	0	20.06	20.06	20.02	20.7	5
5	256QAM	1	12	19.98	20.01	20.06		
5	256QAM	1	24	19.96	20.09	19.95		
5	256QAM	12	0	20.07	20.19	20.15	20.7	5
5	256QAM	12	7	19.98	20.13	20.01		
5	256QAM	12	13	19.99	20.10	20.02		
5	256QAM	25	0	19.93	20.06	19.96		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.97	25.03	25.02	25.7	0
3	QPSK	1	8	24.95	25.09	24.96		
3	QPSK	1	14	24.88	25.10	24.91		
3	QPSK	8	0	23.94	24.12	23.96	24.7	1
3	QPSK	8	4	23.98	23.95	23.97		
3	QPSK	8	7	23.87	24.05	23.98		
3	QPSK	15	0	23.98	24.05	24.07		
3	16QAM	1	0	23.96	24.05	24.04	24.7	1
3	16QAM	1	8	24.02	23.96	24.03		
3	16QAM	1	14	23.88	24.01	23.94		
3	16QAM	8	0	22.93	23.19	23.00	23.7	2
3	16QAM	8	4	23.03	23.09	22.99		
3	16QAM	8	7	22.94	23.10	23.04		
3	16QAM	15	0	23.00	23.13	23.08		
3	64QAM	1	0	22.92	23.11	23.10	23.7	2
3	64QAM	1	8	23.00	22.98	22.95		
3	64QAM	1	14	22.90	23.01	23.03		
3	64QAM	8	0	21.94	22.11	22.01	22.7	3
3	64QAM	8	4	22.01	21.98	22.04		
3	64QAM	8	7	21.96	22.00	22.02		
3	64QAM	15	0	22.03	22.12	22.12		
3	256QAM	1	0	20.00	20.09	19.93	20.7	5
3	256QAM	1	8	19.93	19.98	20.04		
3	256QAM	1	14	19.94	20.10	19.95		
3	256QAM	8	0	20.08	20.14	20.05	20.7	5
3	256QAM	8	4	19.96	20.12	19.96		
3	256QAM	8	7	19.94	20.01	20.05		
3	256QAM	15	0	19.85	20.04	19.90		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.97	25.11	25.08	25.7	0
1.4	QPSK	1	3	24.96	25.01	25.01		
1.4	QPSK	1	5	24.97	25.02	24.99		
1.4	QPSK	3	0	24.84	25.03	25.02		
1.4	QPSK	3	1	24.82	24.97	24.89		
1.4	QPSK	3	3	24.84	24.94	24.87		
1.4	QPSK	6	0	24.04	24.13	24.04	24.7	1
1.4	16QAM	1	0	24.00	24.00	23.99	24.7	1
1.4	16QAM	1	3	24.03	24.04	23.96		
1.4	16QAM	1	5	23.90	23.95	23.98		
1.4	16QAM	3	0	23.96	24.08	23.91		
1.4	16QAM	3	1	23.95	23.86	23.92		
1.4	16QAM	3	3	23.93	23.98	23.85		
1.4	16QAM	6	0	23.02	23.12	23.05	23.7	2
1.4	64QAM	1	0	22.92	23.10	23.01	23.7	2
1.4	64QAM	1	3	23.08	22.97	23.02		
1.4	64QAM	1	5	22.93	23.01	23.03		
1.4	64QAM	3	0	22.98	23.10	22.97		
1.4	64QAM	3	1	22.78	22.97	22.92		
1.4	64QAM	3	3	22.96	22.87	22.92		
1.4	64QAM	6	0	21.97	22.14	22.12	22.7	3
1.4	256QAM	1	0	19.98	20.09	20.04	20.7	5
1.4	256QAM	1	3	19.94	19.95	20.06		
1.4	256QAM	1	5	19.92	20.09	19.92		
1.4	256QAM	3	0	20.03	20.20	20.05		
1.4	256QAM	3	1	19.89	20.09	20.01		
1.4	256QAM	3	3	19.97	20.08	19.99		
1.4	256QAM	6	0	19.84	20.05	19.87	20.7	5

Band 26 Ant0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	25.04	25.19	25.14	25.7	0
15	QPSK	1	37	25.05	25.15	25.14		
15	QPSK	1	74	24.96	25.10	25.02		
15	QPSK	36	0	24.00	24.23	24.01	24.7	1
15	QPSK	36	20	24.03	24.11	24.10		
15	QPSK	36	39	24.06	24.19	24.13		
15	QPSK	75	0	24.11	24.20	24.17		
15	16QAM	1	0	24.02	24.17	24.13	24.7	1
15	16QAM	1	37	24.07	24.11	24.16		
15	16QAM	1	74	23.99	24.07	24.05		
15	16QAM	36	0	23.04	23.27	23.15	23.7	2
15	16QAM	36	20	23.10	23.07	23.13		
15	16QAM	36	39	23.00	23.13	23.17		
15	16QAM	75	0	23.11	23.16	23.15		
15	64QAM	1	0	23.06	23.27	23.10	23.7	2
15	64QAM	1	37	23.11	23.02	23.02		
15	64QAM	1	74	22.93	23.06	23.08		
15	64QAM	36	0	22.12	22.24	22.04	22.7	3
15	64QAM	36	20	22.11	22.18	22.13		
15	64QAM	36	39	22.07	22.11	22.08		
15	64QAM	75	0	22.05	22.23	22.21		
15	256QAM	1	0	20.11	20.15	20.03	20.7	5
15	256QAM	1	37	20.10	20.07	20.10		
15	256QAM	1	74	20.05	20.22	20.03		
15	256QAM	36	0	20.11	20.27	20.17	20.7	5
15	256QAM	36	20	20.00	20.15	20.15		
15	256QAM	36	39	20.13	20.14	20.15		
15	256QAM	75	0	20.02	20.08	20.05		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.92	25.10	25.10	25.7	0
10	QPSK	1	25	25.02	25.11	25.09		
10	QPSK	1	49	24.83	25.00	24.89		
10	QPSK	25	0	23.90	24.18	23.89	24.7	1
10	QPSK	25	12	23.99	24.06	24.00		
10	QPSK	25	25	23.93	24.16	24.10		
10	QPSK	50	0	24.08	24.15	24.06		
10	16QAM	1	0	23.89	24.14	24.05	24.7	1
10	16QAM	1	25	23.95	23.98	24.08		
10	16QAM	1	49	23.92	24.04	23.95		
10	16QAM	25	0	23.01	23.20	23.07	23.7	2
10	16QAM	25	12	23.05	23.01	23.07		
10	16QAM	25	25	22.87	23.07	23.05		
10	16QAM	50	0	22.99	23.07	23.09		
10	64QAM	1	0	22.95	23.21	23.07	23.7	2
10	64QAM	1	25	22.98	22.93	22.90		
10	64QAM	1	49	22.81	22.97	22.97		
10	64QAM	25	0	22.07	22.16	22.02	22.7	3
10	64QAM	25	12	22.03	22.16	22.04		
10	64QAM	25	25	22.02	22.08	22.03		
10	64QAM	50	0	21.96	22.12	22.08		
10	256QAM	1	0	20.02	20.03	19.97	20.7	5
10	256QAM	1	25	19.98	20.03	20.01		
10	256QAM	1	49	19.94	20.16	19.96		
10	256QAM	25	0	20.04	20.17	20.03	20.7	5
10	256QAM	25	12	19.97	20.11	20.06		
10	256QAM	25	25	20.00	20.07	20.06		
10	256QAM	50	0	19.99	19.96	20.00		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.95	25.17	25.09	25.7	0
5	QPSK	1	12	24.97	25.12	25.09		
5	QPSK	1	24	24.92	25.04	24.89		
5	QPSK	12	0	23.87	24.18	23.98	24.7	1
5	QPSK	12	7	23.90	24.01	24.08		
5	QPSK	12	13	23.95	24.15	24.10		
5	QPSK	25	0	24.01	24.09	24.12		
5	16QAM	1	0	23.88	24.07	24.05	24.7	1
5	16QAM	1	12	23.97	24.05	24.14		
5	16QAM	1	24	23.95	24.03	24.00		
5	16QAM	12	0	22.91	23.16	23.11	23.7	2
5	16QAM	12	7	22.99	23.00	23.10		
5	16QAM	12	13	22.94	23.10	23.12		
5	16QAM	25	0	23.04	23.08	23.02		
5	64QAM	1	0	23.03	23.14	23.02	23.7	2
5	64QAM	1	12	23.05	22.88	22.97		
5	64QAM	1	24	22.80	23.01	22.94		
5	64QAM	12	0	21.99	22.22	22.00	22.7	3
5	64QAM	12	7	22.06	22.04	22.07		
5	64QAM	12	13	22.02	22.08	21.97		
5	64QAM	25	0	21.99	22.20	22.13		
5	256QAM	1	0	20.00	20.04	20.00	20.7	5
5	256QAM	1	12	20.01	19.99	20.05		
5	256QAM	1	24	20.01	20.16	19.92		
5	256QAM	12	0	20.02	20.17	20.09	20.7	5
5	256QAM	12	7	19.92	20.09	20.08		
5	256QAM	12	13	20.03	20.07	20.11		
5	256QAM	25	0	19.89	20.00	19.99		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.97	25.06	25.08	25.7	0
3	QPSK	1	8	24.98	25.04	25.05		
3	QPSK	1	14	24.86	24.98	24.97		
3	QPSK	8	0	23.86	24.10	23.91	24.7	1
3	QPSK	8	4	23.91	24.05	24.08		
3	QPSK	8	7	23.98	24.09	24.04		
3	QPSK	15	0	24.09	24.13	24.04		
3	16QAM	1	0	23.97	24.11	24.08	24.7	1
3	16QAM	1	8	23.94	24.08	24.13		
3	16QAM	1	14	23.88	23.94	23.95		
3	16QAM	8	0	22.97	23.23	23.08	23.7	2
3	16QAM	8	4	23.08	22.95	23.06		
3	16QAM	8	7	22.92	23.03	23.13		
3	16QAM	15	0	23.09	23.06	23.11		
3	64QAM	1	0	22.98	23.20	23.02	23.7	2
3	64QAM	1	8	23.09	22.90	22.98		
3	64QAM	1	14	22.83	23.00	22.98		
3	64QAM	8	0	22.09	22.21	21.94	22.7	3
3	64QAM	8	4	22.03	22.13	22.09		
3	64QAM	8	7	21.96	21.99	22.01		
3	64QAM	15	0	21.98	22.14	22.16		
3	256QAM	1	0	19.99	20.04	19.93	20.7	5
3	256QAM	1	8	19.98	20.05	20.03		
3	256QAM	1	14	19.94	20.17	19.94		
3	256QAM	8	0	20.02	20.15	20.15	20.7	5
3	256QAM	8	4	19.97	20.11	20.04		
3	256QAM	8	7	20.06	20.12	20.12		
3	256QAM	15	0	19.94	20.05	19.96		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.84	25.05	24.96	25.7	0
1.4	QPSK	1	3	24.85	24.92	24.87		
1.4	QPSK	1	5	24.87	24.90	24.91		
1.4	QPSK	3	0	24.78	24.95	24.93		
1.4	QPSK	3	1	24.69	24.85	24.79		
1.4	QPSK	3	3	24.80	24.85	24.74		
1.4	QPSK	6	0	24.02	24.07	23.94	24.7	1
1.4	16QAM	1	0	23.93	23.89	23.95	24.7	1
1.4	16QAM	1	3	23.96	23.94	23.94		
1.4	16QAM	1	5	23.80	23.89	23.88		
1.4	16QAM	3	0	23.83	24.05	23.84		
1.4	16QAM	3	1	23.88	23.72	23.82		
1.4	16QAM	3	3	23.89	23.92	23.72		
1.4	16QAM	6	0	22.89	23.06	22.93	23.7	2
1.4	64QAM	1	0	22.88	22.97	22.98	23.7	2
1.4	64QAM	1	3	23.03	22.88	22.91		
1.4	64QAM	1	5	22.82	22.97	22.93		
1.4	64QAM	3	0	22.85	23.01	22.85		
1.4	64QAM	3	1	22.68	22.90	22.83		
1.4	64QAM	3	3	22.89	22.81	22.83		
1.4	64QAM	6	0	21.92	22.02	22.07	22.7	3
1.4	256QAM	1	0	19.86	19.98	19.94	20.7	5
1.4	256QAM	1	3	19.83	19.92	20.02		
1.4	256QAM	1	5	19.87	19.98	19.89		
1.4	256QAM	3	0	19.94	20.11	19.93		
1.4	256QAM	3	1	19.81	19.97	19.93		
1.4	256QAM	3	3	19.94	20.00	19.93		
1.4	256QAM	6	0	19.76	19.97	19.82	20.7	5

GSM850 Ant1 ECI5

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	30.65	30.56	32.00	21.54	21.65	21.56	23.00
GPRS 1 Tx slot	30.48	30.52	30.38	32.00	21.48	21.52	21.38	23.00
GPRS 2 Tx slots	27.52	27.64	27.51	29.00	21.52	21.64	21.51	23.00
GPRS 3 Tx slots	25.82	25.97	25.83	27.20	21.56	21.71	21.57	22.94
GPRS 4 Tx slots	24.58	24.61	24.50	26.00	21.58	21.61	21.50	23.00
EDGE 1 Tx slot	24.35	24.40	24.42	26.00	15.35	15.40	15.42	17.00
EDGE 2 Tx slots	21.33	21.28	21.24	23.00	15.33	15.28	15.24	17.00
EDGE 3 Tx slots	19.49	19.50	19.39	21.20	15.23	15.24	15.13	16.94
EDGE 4 Tx slots	18.30	18.29	18.18	20.00	15.30	15.29	15.18	17.00

WCDMA V Ant1 ECI5

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	20.95	21.14	21.01	22.50
3GPP Rel 99	RMC 12.2Kbps	21.14	21.19	21.11	22.50
3GPP Rel 6	HSDPA Subtest-1	20.09	20.12	20.07	21.50
3GPP Rel 6	HSDPA Subtest-2	20.15	20.12	20.02	21.50
3GPP Rel 6	HSDPA Subtest-3	19.58	19.62	19.64	21.00
3GPP Rel 6	HSDPA Subtest-4	19.61	19.69	19.60	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	20.04	20.07	20.04	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	20.11	20.12	19.99	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.58	19.62	19.61	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.63	19.57	19.52	21.00
3GPP Rel 6	HSUPA Subtest-1	20.08	20.21	20.14	21.50
3GPP Rel 6	HSUPA Subtest-2	18.12	18.15	18.09	19.50
3GPP Rel 6	HSUPA Subtest-3	19.10	19.19	19.10	20.50
3GPP Rel 6	HSUPA Subtest-4	18.04	18.06	18.07	19.50
3GPP Rel 6	HSUPA Subtest-5	20.05	20.16	20.10	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.55	17.60	17.57	19.00

Band 5 Ant1 ECI5

BW [MHz]	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	21.48	21.62	21.37	22.2	0
10	QPSK	1	25	21.35	21.48	21.33		
10	QPSK	1	49	21.42	21.52	21.32		
10	QPSK	25	0	21.38	21.55	21.28	22.2	0
10	QPSK	25	12	21.18	21.45	21.27		
10	QPSK	25	25	21.21	21.52	21.30		
10	QPSK	50	0	21.27	21.52	21.29		
10	16QAM	1	0	21.36	21.50	21.35	22.2	0
10	16QAM	1	25	21.22	21.43	21.28		
10	16QAM	1	49	21.30	21.43	21.23		
10	16QAM	25	0	21.26	21.44	21.25	22.2	0
10	16QAM	25	12	21.15	21.33	21.15		
10	16QAM	25	25	21.08	21.47	21.23		
10	16QAM	50	0	21.21	21.47	21.20		
10	64QAM	1	0	21.40	21.49	21.33	22.2	0
10	64QAM	1	25	21.31	21.38	21.27		
10	64QAM	1	49	21.29	21.42	21.22		
10	64QAM	25	0	21.36	21.45	21.25	22.2	0
10	64QAM	25	12	21.16	21.42	21.20		
10	64QAM	25	25	21.18	21.41	21.16		
10	64QAM	50	0	21.18	21.40	21.19		
10	256QAM	1	0	19.96	20.12	19.86	20.7	1.5
10	256QAM	1	25	19.85	20.01	19.86		
10	256QAM	1	49	19.94	19.98	19.87		
10	256QAM	25	0	19.87	20.01	19.73	20.7	1.5
10	256QAM	25	12	19.70	19.91	19.72		
10	256QAM	25	25	19.71	20.01	19.86		
10	256QAM	50	0	19.83	20.00	19.75		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.42	21.59	21.31	22.2	0
5	QPSK	1	12	21.30	21.45	21.25		
5	QPSK	1	24	21.34	21.39	21.23		
5	QPSK	12	0	21.31	21.50	21.22	22.2	0
5	QPSK	12	7	21.06	21.32	21.20		
5	QPSK	12	13	21.12	21.39	21.17		
5	QPSK	25	0	21.24	21.40	21.23		
5	16QAM	1	0	21.25	21.38	21.32	22.2	0
5	16QAM	1	12	21.17	21.35	21.22		
5	16QAM	1	24	21.18	21.37	21.21		
5	16QAM	12	0	21.21	21.39	21.11	22.2	0
5	16QAM	12	7	21.12	21.22	21.12		
5	16QAM	12	13	20.95	21.39	21.11		
5	16QAM	25	0	21.10	21.44	21.09		
5	64QAM	1	0	21.38	21.39	21.22	22.2	0
5	64QAM	1	12	21.20	21.27	21.16		
5	64QAM	1	24	21.20	21.39	21.14		
5	64QAM	12	0	21.28	21.42	21.22	22.2	0
5	64QAM	12	7	21.04	21.40	21.09		
5	64QAM	12	13	21.08	21.37	21.09		
5	64QAM	25	0	21.05	21.28	21.10		
5	256QAM	1	0	19.87	19.98	19.83	20.7	1.5
5	256QAM	1	12	19.73	19.95	19.83		
5	256QAM	1	24	19.81	19.87	19.80		
5	256QAM	12	0	19.75	19.93	19.70	20.7	1.5
5	256QAM	12	7	19.64	19.87	19.60		
5	256QAM	12	13	19.61	19.92	19.77		
5	256QAM	25	0	19.80	19.90	19.71		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.35	21.59	21.34	22.2	0
3	QPSK	1	8	21.26	21.44	21.24		
3	QPSK	1	14	21.28	21.49	21.29		
3	QPSK	8	0	21.35	21.45	21.23	22.2	0
3	QPSK	8	4	21.07	21.40	21.25		
3	QPSK	8	7	21.15	21.42	21.18		
3	QPSK	15	0	21.22	21.49	21.18		
3	16QAM	1	0	21.32	21.36	21.31	22.2	0
3	16QAM	1	8	21.16	21.36	21.24		
3	16QAM	1	14	21.26	21.30	21.18		
3	16QAM	8	0	21.19	21.40	21.12	22.2	0
3	16QAM	8	4	21.08	21.28	21.08		
3	16QAM	8	7	20.96	21.44	21.14		
3	16QAM	15	0	21.11	21.39	21.15		
3	64QAM	1	0	21.34	21.35	21.25	22.2	0
3	64QAM	1	8	21.23	21.30	21.20		
3	64QAM	1	14	21.19	21.36	21.13		
3	64QAM	8	0	21.28	21.33	21.19	22.2	0
3	64QAM	8	4	21.10	21.39	21.08		
3	64QAM	8	7	21.14	21.32	21.05		
3	64QAM	15	0	21.09	21.31	21.15		
3	256QAM	1	0	19.84	20.02	19.72	20.7	1.5
3	256QAM	1	8	19.82	19.96	19.72		
3	256QAM	1	14	19.91	19.94	19.83		
3	256QAM	8	0	19.81	19.91	19.66	20.7	1.5
3	256QAM	8	4	19.59	19.82	19.61		
3	256QAM	8	7	19.65	19.94	19.77		
3	256QAM	15	0	19.72	19.96	19.68		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.39	21.59	21.30	22.2	0
1.4	QPSK	1	3	21.29	21.42	21.25		
1.4	QPSK	1	5	21.33	21.47	21.19		
1.4	QPSK	3	0	21.31	21.45	21.23		
1.4	QPSK	3	1	21.09	21.31	21.24		
1.4	QPSK	3	3	21.08	21.46	21.22		
1.4	QPSK	6	0	21.22	21.39	21.22	22.2	0
1.4	16QAM	1	0	21.23	21.44	21.24	22.2	0
1.4	16QAM	1	3	21.09	21.29	21.24		
1.4	16QAM	1	5	21.19	21.32	21.18		
1.4	16QAM	3	0	21.13	21.34	21.12		
1.4	16QAM	3	1	21.03	21.28	21.08		
1.4	16QAM	3	3	21.05	21.38	21.18		
1.4	16QAM	6	0	21.15	21.43	21.18	22.2	0
1.4	64QAM	1	0	21.32	21.46	21.25	22.2	0
1.4	64QAM	1	3	21.28	21.31	21.17		
1.4	64QAM	1	5	21.22	21.37	21.17		
1.4	64QAM	3	0	21.34	21.40	21.18		
1.4	64QAM	3	1	21.02	21.38	21.14		
1.4	64QAM	3	3	21.14	21.38	21.09		
1.4	64QAM	6	0	21.10	21.28	21.15	22.2	0
1.4	256QAM	1	0	19.90	20.03	19.76	20.7	1.5
1.4	256QAM	1	3	19.72	19.90	19.84		
1.4	256QAM	1	5	19.92	19.89	19.78		
1.4	256QAM	3	0	19.84	19.90	19.59		
1.4	256QAM	3	1	19.62	19.82	19.65		
1.4	256QAM	3	3	19.68	19.94	19.74		
1.4	256QAM	6	0	19.69	19.90	19.70	20.7	1.5

Band 26 Ant1 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.96	22.10	21.95	22.7	0
15	QPSK	1	37	21.87	22.02	21.87		
15	QPSK	1	74	21.90	21.98	21.82		
15	QPSK	36	0	21.87	22.05	21.93	22.7	0
15	QPSK	36	20	21.79	21.98	21.80		
15	QPSK	36	39	21.83	21.86	21.69		
15	QPSK	75	0	21.94	22.02	21.87		
15	16QAM	1	0	21.89	22.02	21.90	22.7	0
15	16QAM	1	37	21.79	21.96	21.81		
15	16QAM	1	74	21.84	21.92	21.71		
15	16QAM	36	0	21.86	21.96	21.93	22.7	0
15	16QAM	36	20	21.74	21.89	21.74		
15	16QAM	36	39	21.83	21.85	21.79		
15	16QAM	75	0	21.78	21.95	21.83		
15	64QAM	1	0	21.73	21.86	21.77	22.7	0
15	64QAM	1	37	21.73	21.80	21.55		
15	64QAM	1	74	21.84	21.89	21.78		
15	64QAM	36	0	21.88	21.97	21.85	22.7	0
15	64QAM	36	20	21.74	21.99	21.77		
15	64QAM	36	39	21.77	21.95	21.75		
15	64QAM	75	0	21.82	21.95	21.83		
15	256QAM	1	0	19.91	20.05	19.91	20.7	2
15	256QAM	1	37	19.81	20.07	19.83		
15	256QAM	1	74	19.95	19.94	19.80		
15	256QAM	36	0	19.92	20.08	19.88	20.7	2
15	256QAM	36	20	19.75	19.93	19.74		
15	256QAM	36	39	19.87	19.90	19.71		
15	256QAM	75	0	19.94	20.06	19.88		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.83	22.08	21.85	22.7	0
10	QPSK	1	25	21.80	21.89	21.76		
10	QPSK	1	49	21.83	21.88	21.70		
10	QPSK	25	0	21.83	21.93	21.87	22.7	0
10	QPSK	25	12	21.75	21.90	21.77		
10	QPSK	25	25	21.75	21.75	21.59		
10	QPSK	50	0	21.84	21.90	21.75		
10	16QAM	1	0	21.78	21.99	21.86	22.7	0
10	16QAM	1	25	21.69	21.83	21.73		
10	16QAM	1	49	21.81	21.87	21.65		
10	16QAM	25	0	21.76	21.90	21.84	22.7	0
10	16QAM	25	12	21.70	21.84	21.71		
10	16QAM	25	25	21.70	21.73	21.69		
10	16QAM	50	0	21.72	21.92	21.77		
10	64QAM	1	0	21.67	21.84	21.68	22.7	0
10	64QAM	1	25	21.61	21.69	21.42		
10	64QAM	1	49	21.80	21.85	21.71		
10	64QAM	25	0	21.75	21.90	21.72	22.7	0
10	64QAM	25	12	21.70	21.88	21.69		
10	64QAM	25	25	21.72	21.90	21.69		
10	64QAM	50	0	21.74	21.90	21.77		
10	256QAM	1	0	19.84	20.00	19.83	20.7	2
10	256QAM	1	25	19.68	19.94	19.71		
10	256QAM	1	49	19.88	19.85	19.70		
10	256QAM	25	0	19.82	20.01	19.78	20.7	2
10	256QAM	25	12	19.61	19.91	19.61		
10	256QAM	25	25	19.82	19.77	19.61		
10	256QAM	50	0	19.83	19.94	19.78		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.87	22.04	21.84	22.7	0
5	QPSK	1	12	21.83	21.91	21.83		
5	QPSK	1	24	21.77	21.90	21.76		
5	QPSK	12	0	21.83	21.97	21.81	22.7	0
5	QPSK	12	7	21.70	21.91	21.68		
5	QPSK	12	13	21.70	21.84	21.64		
5	QPSK	25	0	21.83	21.88	21.82		
5	16QAM	1	0	21.83	21.97	21.79	22.7	0
5	16QAM	1	12	21.76	21.86	21.76		
5	16QAM	1	24	21.75	21.84	21.66		
5	16QAM	12	0	21.78	21.84	21.82	22.7	0
5	16QAM	12	7	21.64	21.77	21.64		
5	16QAM	12	13	21.69	21.76	21.74		
5	16QAM	25	0	21.72	21.93	21.76		
5	64QAM	1	0	21.61	21.76	21.66	22.7	0
5	64QAM	1	12	21.59	21.68	21.42		
5	64QAM	1	24	21.76	21.77	21.76		
5	64QAM	12	0	21.85	21.89	21.78	22.7	0
5	64QAM	12	7	21.67	21.95	21.66		
5	64QAM	12	13	21.72	21.82	21.72		
5	64QAM	25	0	21.71	21.85	21.71		
5	256QAM	1	0	19.85	19.97	19.80	20.7	2
5	256QAM	1	12	19.78	20.00	19.69		
5	256QAM	1	24	19.85	19.83	19.70		
5	256QAM	12	0	19.88	20.02	19.78	20.7	2
5	256QAM	12	7	19.63	19.91	19.68		
5	256QAM	12	13	19.84	19.87	19.64		
5	256QAM	25	0	19.86	20.01	19.78		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.92	22.00	21.87	22.7	0
3	QPSK	1	8	21.74	21.92	21.75		
3	QPSK	1	14	21.80	21.89	21.74		
3	QPSK	8	0	21.80	22.03	21.87	22.7	0
3	QPSK	8	4	21.75	21.96	21.78		
3	QPSK	8	7	21.69	21.75	21.62		
3	QPSK	15	0	21.91	21.90	21.85		
3	16QAM	1	0	21.79	21.94	21.79	22.7	0
3	16QAM	1	8	21.75	21.89	21.68		
3	16QAM	1	14	21.79	21.86	21.58		
3	16QAM	8	0	21.78	21.86	21.81	22.7	0
3	16QAM	8	4	21.68	21.83	21.65		
3	16QAM	8	7	21.75	21.71	21.70		
3	16QAM	15	0	21.65	21.92	21.72		
3	64QAM	1	0	21.60	21.75	21.67	22.7	0
3	64QAM	1	8	21.59	21.77	21.46		
3	64QAM	1	14	21.79	21.82	21.69		
3	64QAM	8	0	21.86	21.84	21.75	22.7	0
3	64QAM	8	4	21.62	21.97	21.68		
3	64QAM	8	7	21.68	21.90	21.63		
3	64QAM	15	0	21.76	21.89	21.73		
3	256QAM	1	0	19.83	20.01	19.83	20.7	2
3	256QAM	1	8	19.68	19.97	19.76		
3	256QAM	1	14	19.81	19.90	19.73		
3	256QAM	8	0	19.90	19.94	19.83	20.7	2
3	256QAM	8	4	19.63	19.84	19.67		
3	256QAM	8	7	19.85	19.85	19.68		
3	256QAM	15	0	19.89	19.96	19.84		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.90	22.07	21.90	22.7	0
1.4	QPSK	1	3	21.74	21.95	21.79		
1.4	QPSK	1	5	21.79	21.87	21.68		
1.4	QPSK	3	0	21.80	21.92	21.80		
1.4	QPSK	3	1	21.71	21.94	21.71		
1.4	QPSK	3	3	21.71	21.76	21.66		
1.4	QPSK	6	0	21.85	22.00	21.78	22.7	0
1.4	16QAM	1	0	21.75	21.99	21.79	22.7	0
1.4	16QAM	1	3	21.67	21.84	21.74		
1.4	16QAM	1	5	21.71	21.90	21.61		
1.4	16QAM	3	0	21.77	21.88	21.90		
1.4	16QAM	3	1	21.70	21.86	21.64		
1.4	16QAM	3	3	21.70	21.74	21.73		
1.4	16QAM	6	0	21.65	21.93	21.76	22.7	0
1.4	64QAM	1	0	21.71	21.72	21.67	22.7	0
1.4	64QAM	1	3	21.70	21.69	21.51		
1.4	64QAM	1	5	21.78	21.86	21.69		
1.4	64QAM	3	0	21.76	21.95	21.82		
1.4	64QAM	3	1	21.68	21.95	21.72		
1.4	64QAM	3	3	21.64	21.85	21.64		
1.4	64QAM	6	0	21.72	21.87	21.73	22.7	0
1.4	256QAM	1	0	19.80	19.92	19.82	20.7	2
1.4	256QAM	1	3	19.67	20.04	19.78		
1.4	256QAM	1	5	19.87	19.88	19.75		
1.4	256QAM	3	0	19.83	20.06	19.82		
1.4	256QAM	3	1	19.70	19.84	19.69		
1.4	256QAM	3	3	19.81	19.81	19.67		
1.4	256QAM	6	0	19.82	20.01	19.78	20.7	2

GSM1900 Ant2 ECI5

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.92	28.09	27.96	29.00	18.92	19.09	18.96	20.00
GPRS 1 Tx slot	27.96	27.95	27.91	29.00	18.96	18.95	18.91	20.00
GPRS 2 Tx slots	25.11	25.19	25.18	26.00	19.11	19.19	19.18	20.00
GPRS 3 Tx slots	23.35	23.42	23.36	24.20	19.09	19.16	19.10	19.94
GPRS 4 Tx slots	22.07	22.12	22.06	23.00	19.07	19.12	19.06	20.00
EDGE 1 Tx slot	26.11	26.15	26.09	27.00	17.11	17.15	17.09	18.00
EDGE 2 Tx slots	23.14	23.10	23.06	24.00	17.14	17.10	17.06	18.00
EDGE 3 Tx slots	21.31	21.40	21.30	22.20	17.05	17.14	17.04	17.94
EDGE 4 Tx slots	20.08	20.17	20.11	21.00	17.08	17.17	17.11	18.00

WCDMA II Ant2 ECI5 WCDMA IV Ant2 ECI5

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.45	20.51	20.47	21.50	22.29	22.48	22.37	23.50
3GPP Rel 99	RMC 12.2Kbps	20.53	20.57	20.54	21.50	22.40	22.49	22.44	23.50
3GPP Rel 6	HSDPA Subtest-1	19.46	19.57	19.44	20.50	21.35	21.44	21.48	22.50
3GPP Rel 6	HSDPA Subtest-2	19.47	19.61	19.48	20.50	21.43	21.53	21.48	22.50
3GPP Rel 6	HSDPA Subtest-3	18.99	19.08	19.00	20.00	20.93	21.03	20.93	22.00
3GPP Rel 6	HSDPA Subtest-4	18.99	19.10	19.04	20.00	21.00	20.94	20.93	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.47	19.68	19.48	20.50	21.34	21.46	21.42	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	19.49	19.50	19.44	20.50	21.29	21.46	21.35	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	18.97	19.16	18.99	20.00	20.88	20.96	20.98	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.00	19.09	18.95	20.00	20.88	21.04	20.84	22.00
3GPP Rel 6	HSUPA Subtest-1	19.43	19.62	19.50	20.50	21.36	21.51	21.45	22.50
3GPP Rel 6	HSUPA Subtest-2	17.47	17.59	17.51	18.50	19.39	19.55	19.46	20.50
3GPP Rel 6	HSUPA Subtest-3	18.42	18.59	18.56	19.50	20.37	20.55	20.42	21.50
3GPP Rel 6	HSUPA Subtest-4	17.44	17.56	17.56	18.50	19.33	19.45	19.47	20.50
3GPP Rel 6	HSUPA Subtest-5	19.46	19.59	19.50	20.50	21.34	21.55	21.49	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.98	17.09	17.07	18.00	18.81	18.91	18.96	20.00

Band 2 Ant2 ECI5

BW [MHz]	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	20.53	20.54	20.52		
20	QPSK	1	49	20.40	20.49	20.44	21.5	0
20	QPSK	1	99	20.39	20.49	20.41		
20	QPSK	50	0	20.40	20.50	20.48		
20	QPSK	50	24	20.30	20.42	20.36	21.5	0
20	QPSK	50	50	20.30	20.37	20.28		
20	QPSK	100	0	20.47	20.49	20.47		
20	16QAM	1	0	20.40	20.46	20.41		
20	16QAM	1	49	20.31	20.39	20.34	21.5	0
20	16QAM	1	99	20.31	20.43	20.27		
20	16QAM	50	0	20.37	20.42	20.36		
20	16QAM	50	24	20.20	20.33	20.30	21.5	0
20	16QAM	50	50	20.22	20.31	20.19		
20	16QAM	100	0	20.34	20.43	20.44		
20	64QAM	1	0	20.44	20.45	20.49		
20	64QAM	1	49	20.36	20.38	20.34	21.5	0
20	64QAM	1	99	20.35	20.41	20.38		
20	64QAM	50	0	20.32	20.41	20.45		
20	64QAM	50	24	20.22	20.31	20.31	21.5	0
20	64QAM	50	50	20.16	20.24	20.25		
20	64QAM	100	0	20.33	20.42	20.40		
20	256QAM	1	0	19.48	19.56	19.54		
20	256QAM	1	49	19.39	19.51	19.43	20.5	1
20	256QAM	1	99	19.34	19.53	19.36		
20	256QAM	50	0	19.40	19.49	19.44		
20	256QAM	50	24	19.27	19.41	19.42	20.5	1
20	256QAM	50	50	19.33	19.32	19.23		
20	256QAM	100	0	19.43	19.44	19.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.50	20.40	20.41		
15	QPSK	1	37	20.34	20.41	20.39	21.5	0
15	QPSK	1	74	20.31	20.38	20.32		
15	QPSK	36	0	20.36	20.37	20.34		
15	QPSK	36	20	20.20	20.28	20.28	21.5	0
15	QPSK	36	39	20.26	20.32	20.14		
15	QPSK	75	0	20.33	20.46	20.44		
15	16QAM	1	0	20.27	20.38	20.39		
15	16QAM	1	37	20.22	20.36	20.27	21.5	0
15	16QAM	1	74	20.19	20.35	20.19		
15	16QAM	36	0	20.25	20.39	20.24		
15	16QAM	36	20	20.11	20.31	20.26	21.5	0
15	16QAM	36	39	20.12	20.29	20.06		
15	16QAM	75	0	20.24	20.37	20.42		
15	64QAM	1	0	20.42	20.37	20.39		
15	64QAM	1	37	20.26	20.28	20.30	21.5	0
15	64QAM	1	74	20.30	20.35	20.32		
15	64QAM	36	0	20.19	20.33	20.40		
15	64QAM	36	20	20.08	20.28	20.20	21.5	0
15	64QAM	36	39	20.02	20.15	20.14		
15	64QAM	75	0	20.22	20.34	20.36		
15	256QAM	1	0	19.43	19.49	19.49		
15	256QAM	1	37	19.29	19.40	19.38	20.5	1
15	256QAM	1	74	19.31	19.43	19.25		
15	256QAM	36	0	19.35	19.40	19.36		
15	256QAM	36	20	19.23	19.27	19.32	20.5	1
15	256QAM	36	39	19.27	19.26	19.21		
15	256QAM	75	0	19.31	19.35	19.45		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.45	20.43	20.40		
10	QPSK	1	25	20.36	20.45	20.41	21.5	0
10	QPSK	1	49	20.29	20.37	20.36		
10	QPSK	25	0	20.26	20.45	20.36		
10	QPSK	25	12	20.27	20.37	20.26	21.5	0
10	QPSK	25	25	20.18	20.24	20.22		
10	QPSK	50	0	20.38	20.40	20.40		
10	16QAM	1	0	20.36	20.35	20.38		
10	16QAM	1	25	20.25	20.32	20.27	21.5	0
10	16QAM	1	49	20.17	20.32	20.24		
10	16QAM	25	0	20.34	20.39	20.24		
10	16QAM	25	12	20.08	20.20	20.17	21.5	0
10	16QAM	25	25	20.10	20.21	20.08		
10	16QAM	50	0	20.24	20.32	20.31		
10	64QAM	1	0	20.36	20.40	20.38		
10	64QAM	1	25	20.23	20.35	20.28	21.5	0
10	64QAM	1	49	20.25	20.34	20.34		
10	64QAM	25	0	20.25	20.28	20.36		
10	64QAM	25	12	20.18	20.20	20.24	21.5	0
10	64QAM	25	25	20.12	20.19	20.17		
10	64QAM	50	0	20.28	20.34	20.29		
10	256QAM	1	0	19.36	19.48	19.48		
10	256QAM	1	25	19.29	19.45	19.40	20.5	1
10	256QAM	1	49	19.27	19.49	19.27		
10	256QAM	25	0	19.36	19.36	19.31		
10	256QAM	25	12	19.21	19.34	19.25	20.5	1
10	256QAM	25	25	19.24	19.30	19.13		
10	256QAM	50	0	19.29	19.38	19.40		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.39	20.50	20.47		
5	QPSK	1	12	20.35	20.37	20.35	21.5	0
5	QPSK	1	24	20.34	20.41	20.29		
5	QPSK	12	0	20.36	20.40	20.40		
5	QPSK	12	7	20.18	20.28	20.31	21.5	0
5	QPSK	12	13	20.23	20.29	20.19		
5	QPSK	25	0	20.40	20.47	20.36		
5	16QAM	1	0	20.37	20.44	20.37		
5	16QAM	1	12	20.19	20.30	20.25	21.5	0
5	16QAM	1	24	20.24	20.34	20.22		
5	16QAM	12	0	20.30	20.32	20.27		
5	16QAM	12	7	20.15	20.27	20.23	21.5	0
5	16QAM	12	13	20.18	20.26	20.07		
5	16QAM	25	0	20.29	20.35	20.36		
5	64QAM	1	0	20.33	20.35	20.36		
5	64QAM	1	12	20.25	20.30	20.29	21.5	0
5	64QAM	1	24	20.24	20.29	20.34		
5	64QAM	12	0	20.19	20.30	20.31		
5	64QAM	12	7	20.19	20.28	20.21	21.5	0
5	64QAM	12	13	20.04	20.20	20.20		
5	64QAM	25	0	20.26	20.28	20.28		
5	256QAM	1	0	19.45	19.45	19.47		
5	256QAM	1	12	19.31	19.44	19.37	20.5	1
5	256QAM	1	24	19.21	19.42	19.28		
5	256QAM	12	0	19.34	19.41	19.37		
5	256QAM	12	7	19.24	19.35	19.32	20.5	1
5	256QAM	12	13	19.23	19.26	19.16		
5	256QAM	25	0	19.29	19.30	19.37		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.48	20.46	20.43		
3	QPSK	1	8	20.28	20.39	20.36	21.5	0
3	QPSK	1	14	20.34	20.43	20.32		
3	QPSK	8	0	20.30	20.41	20.36		
3	QPSK	8	4	20.16	20.30	20.28	21.5	0
3	QPSK	8	7	20.16	20.31	20.23		
3	QPSK	15	0	20.44	20.40	20.37		
3	16QAM	1	0	20.38	20.39	20.29		
3	16QAM	1	8	20.26	20.25	20.31	21.5	0
3	16QAM	1	14	20.27	20.32	20.21		
3	16QAM	8	0	20.34	20.34	20.32		
3	16QAM	8	4	20.17	20.28	20.21	21.5	0
3	16QAM	8	7	20.10	20.22	20.13		
3	16QAM	15	0	20.21	20.31	20.32		
3	64QAM	1	0	20.36	20.40	20.39		
3	64QAM	1	8	20.32	20.29	20.32	21.5	0
3	64QAM	1	14	20.25	20.34	20.35		
3	64QAM	8	0	20.19	20.33	20.36		
3	64QAM	8	4	20.13	20.19	20.25	21.5	0
3	64QAM	8	7	20.07	20.15	20.18		
3	64QAM	15	0	20.30	20.40	20.32		
3	256QAM	1	0	19.35	19.45	19.42		
3	256QAM	1	8	19.30	19.45	19.30	20.5	1
3	256QAM	1	14	19.22	19.41	19.32		
3	256QAM	8	0	19.28	19.40	19.40		
3	256QAM	8	4	19.24	19.38	19.28	20.5	1
3	256QAM	8	7	19.25	19.30	19.16		
3	256QAM	15	0	19.30	19.46	19.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.50	20.43	20.44		
1.4	QPSK	1	3	20.37	20.42	20.34		
1.4	QPSK	1	5	20.36	20.43	20.37	21.5	0
1.4	QPSK	3	0	20.29	20.39	20.42		
1.4	QPSK	3	1	20.18	20.35	20.29		
1.4	QPSK	3	3	20.18	20.28	20.14		
1.4	QPSK	6	0	20.37	20.36	20.44	21.5	0
1.4	16QAM	1	0	20.36	20.33	20.30		
1.4	16QAM	1	3	20.24	20.33	20.23		
1.4	16QAM	1	5	20.22	20.32	20.15	21.5	0
1.4	16QAM	3	0	20.32	20.28	20.34		
1.4	16QAM	3	1	20.15	20.30	20.23		
1.4	16QAM	3	3	20.16	20.23	20.10		
1.4	16QAM	6	0	20.31	20.36	20.41	21.5	0
1.4	64QAM	1	0	20.41	20.39	20.42		
1.4	64QAM	1	3	20.32	20.32	20.29		
1.4	64QAM	1	5	20.32	20.28	20.33	21.5	0
1.4	64QAM	3	0	20.23	20.38	20.38		
1.4	64QAM	3	1	20.17	20.18	20.17		
1.4	64QAM	3	3	20.04	20.16	20.13		
1.4	64QAM	6	0	20.31	20.34	20.30	21.5	0
1.4	256QAM	1	0	19.41	19.49	19.44		
1.4	256QAM	1	3	19.35	19.44	19.32		
1.4	256QAM	1	5	19.24	19.46	19.23	20.5	1
1.4	256QAM	3	0	19.31	19.44	19.36		
1.4	256QAM	3	1	19.13	19.39	19.35		
1.4	256QAM	3	3	19.24	19.25	19.19		
1.4	256QAM	6	0	19.37	19.39	19.42	20.5	1

Band 4 Ant2 ECI5

BW [MHz]	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	23.50	23.56	23.50		
20	QPSK	1	49	23.40	23.50	23.37	24.2	0
20	QPSK	1	99	23.37	23.46	23.40		
20	QPSK	50	0	23.47	23.51	23.43		
20	QPSK	50	24	23.38	23.44	23.32	24.2	0
20	QPSK	50	50	23.32	23.43	23.38		
20	QPSK	100	0	23.40	23.50	23.40		
20	16QAM	1	0	23.41	23.49	23.45		
20	16QAM	1	49	23.35	23.47	23.31	24.2	0
20	16QAM	1	99	23.24	23.41	23.26		
20	16QAM	50	0	23.04	23.00	23.01		
20	16QAM	50	24	22.84	23.00	22.89	23.7	0.5
20	16QAM	50	50	22.90	23.01	22.90		
20	16QAM	100	0	23.03	23.07	22.93		
20	64QAM	1	0	22.93	22.97	22.77		
20	64QAM	1	49	22.88	22.88	22.84	23.7	0.5
20	64QAM	1	99	22.92	22.99	22.91		
20	64QAM	50	0	21.99	22.04	22.01		
20	64QAM	50	24	21.89	22.05	21.82	22.7	1.5
20	64QAM	50	50	21.88	21.96	21.86		
20	64QAM	100	0	21.91	22.00	21.87		
20	256QAM	1	0	19.97	20.05	20.03		
20	256QAM	1	49	19.84	20.06	19.87	20.7	3.5
20	256QAM	1	99	19.84	19.92	19.94		
20	256QAM	50	0	20.01	20.06	19.97		
20	256QAM	50	24	19.91	19.97	19.86	20.7	3.5
20	256QAM	50	50	19.97	19.93	19.92		
20	256QAM	100	0	19.86	19.96	19.90		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.48	23.50	23.42		
15	QPSK	1	37	23.41	23.40	23.31	24.2	0
15	QPSK	1	74	23.35	23.37	23.35		
15	QPSK	36	0	23.42	23.49	23.35		
15	QPSK	36	20	23.32	23.36	23.24	24.2	0
15	QPSK	36	39	23.29	23.30	23.29		
15	QPSK	75	0	23.32	23.40	23.35		
15	16QAM	1	0	23.28	23.37	23.40		
15	16QAM	1	37	23.32	23.33	23.29	24.2	0
15	16QAM	1	74	23.19	23.39	23.17		
15	16QAM	36	0	23.01	22.90	22.93		
15	16QAM	36	20	22.77	22.97	22.83	23.7	0.5
15	16QAM	36	39	22.79	22.89	22.86		
15	16QAM	75	0	22.92	22.99	22.80		
15	64QAM	1	0	22.91	22.91	22.67		
15	64QAM	1	37	22.74	22.84	22.74	23.7	0.5
15	64QAM	1	74	22.81	22.86	22.80		
15	64QAM	36	0	21.90	21.95	21.98		
15	64QAM	36	20	21.88	22.01	21.72	22.7	1.5
15	64QAM	36	39	21.75	21.84	21.80		
15	64QAM	75	0	21.82	21.92	21.74		
15	256QAM	1	0	19.94	20.00	19.95		
15	256QAM	1	37	19.84	19.92	19.76	20.7	3.5
15	256QAM	1	74	19.75	19.85	19.88		
15	256QAM	36	0	19.92	19.93	19.95		
15	256QAM	36	20	19.88	19.88	19.72	20.7	3.5
15	256QAM	36	39	19.73	19.91	19.71		
15	256QAM	75	0	19.74	19.83	19.80		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.47	23.47	23.47		
10	QPSK	1	25	23.31	23.46	23.25	24.2	0
10	QPSK	1	49	23.29	23.41	23.32		
10	QPSK	25	0	23.38	23.38	23.39		
10	QPSK	25	12	23.34	23.37	23.27	24.2	0
10	QPSK	25	25	23.28	23.38	23.30		
10	QPSK	50	0	23.29	23.38	23.35		
10	16QAM	1	0	23.28	23.45	23.36		
10	16QAM	1	25	23.31	23.35	23.20	24.2	0
10	16QAM	1	49	23.17	23.30	23.22		
10	16QAM	25	0	22.97	22.87	22.96		
10	16QAM	25	12	22.77	22.92	22.82	23.7	0.5
10	16QAM	25	25	22.77	22.98	22.77		
10	16QAM	50	0	23.00	22.97	22.83		
10	64QAM	1	0	22.82	22.92	22.64		
10	64QAM	1	25	22.76	22.79	22.74	23.7	0.5
10	64QAM	1	49	22.86	22.87	22.87		
10	64QAM	25	0	21.98	21.97	21.91		
10	64QAM	25	12	21.85	21.98	21.77	22.7	1.5
10	64QAM	25	25	21.80	21.85	21.78		
10	64QAM	50	0	21.85	21.95	21.79		
10	256QAM	1	0	19.85	20.01	19.97		
10	256QAM	1	25	19.72	19.93	19.80	20.7	3.5
10	256QAM	1	49	19.80	19.83	19.92		
10	256QAM	25	0	19.90	20.01	19.91		
10	256QAM	25	12	19.83	19.94	19.75	20.7	3.5
10	256QAM	25	25	19.76	19.81	19.80		
10	256QAM	50	0	19.84	19.82	19.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710	1732.5	1755		
5	QPSK	1	0	23.46	23.48	23.44		
5	QPSK	1	12	23.33	23.36	23.31	24.2	0
5	QPSK	1	24	23.24	23.36	23.27		
5	QPSK	12	0	23.44	23.45	23.29		
5	QPSK	12	7	23.29	23.35	23.20	24.2	0
5	QPSK	12	13	23.28	23.39	23.32		
5	QPSK	25	0	23.36	23.42	23.33		
5	16QAM	1	0	23.37	23.37	23.40		
5	16QAM	1	12	23.18	23.35	23.23	24.2	0
5	16QAM	1	24	23.18	23.38	23.16		
5	16QAM	12	0	22.96	22.93	22.91		
5	16QAM	12	7	22.80	22.95	22.84	23.7	0.5
5	16QAM	12	13	22.78	22.93	22.78		
5	16QAM	25	0	22.90	22.96	22.89		
5	64QAM	1	0	22.88	22.86	22.72		
5	64QAM	1	12	22.77	22.76	22.78	23.7	0.5
5	64QAM	1	24	22.77	22.88	22.81		
5	64QAM	12	0	21.87	21.99	21.93		
5	64QAM	12	7	21.76	21.89	21.75	22.7	1.5
5	64QAM	12	13	21.77	21.82	21.80		
5	64QAM	25	0	21.83	21.96	21.74		
5	256QAM	1	0	19.85	19.92	19.94		
5	256QAM	1	12	19.76	20.03	19.74	20.7	3.5
5	256QAM	1	24	19.75	19.84	19.84		
5	256QAM	12	0	19.83	19.89	19.89		
5	256QAM	12	7	19.78	19.85	19.79	20.7	3.5
5	256QAM	12	13	19.83	19.93	19.74		
5	256QAM	25	0	19.81	19.83	19.84		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.39	23.43	23.38		
3	QPSK	1	8	23.29	23.42	23.35	24.2	0
3	QPSK	1	14	23.30	23.42	23.34		
3	QPSK	8	0	23.29	23.42	23.37		
3	QPSK	8	4	23.33	23.33	23.26	24.2	0
3	QPSK	8	7	23.20	23.30	23.33		
3	QPSK	15	0	23.37	23.41	23.34		
3	16QAM	1	0	23.36	23.36	23.32		
3	16QAM	1	8	23.32	23.41	23.26	24.2	0
3	16QAM	1	14	23.21	23.29	23.13		
3	16QAM	8	0	22.96	22.91	22.93		
3	16QAM	8	4	22.79	22.91	22.83	23.7	0.5
3	16QAM	8	7	22.76	22.87	22.77		
3	16QAM	15	0	22.97	22.95	22.82		
3	64QAM	1	0	22.85	22.93	22.65		
3	64QAM	1	8	22.80	22.75	22.71	23.7	0.5
3	64QAM	1	14	22.84	22.90	22.81		
3	64QAM	8	0	21.89	21.99	21.89		
3	64QAM	8	4	21.76	21.99	21.76	22.7	1.5
3	64QAM	8	7	21.87	21.88	21.80		
3	64QAM	15	0	21.88	21.88	21.83		
3	256QAM	1	0	19.90	19.93	19.97		
3	256QAM	1	8	19.79	19.97	19.83	20.7	3.5
3	256QAM	1	14	19.75	19.83	19.88		
3	256QAM	8	0	19.96	19.95	19.84		
3	256QAM	8	4	19.89	19.91	19.75	20.7	3.5
3	256QAM	8	7	19.84	19.81	19.75		
3	256QAM	15	0	19.75	19.86	19.85		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.47	23.52	23.44		
1.4	QPSK	1	3	23.31	23.40	23.31		
1.4	QPSK	1	5	23.29	23.37	23.37	24.2	0
1.4	QPSK	3	0	23.36	23.47	23.32		
1.4	QPSK	3	1	23.35	23.32	23.25		
1.4	QPSK	3	3	23.23	23.37	23.29		
1.4	QPSK	6	0	23.27	23.38	23.31	24.2	0
1.4	16QAM	1	0	23.28	23.45	23.41		
1.4	16QAM	1	3	23.33	23.34	23.20		
1.4	16QAM	1	5	23.15	23.33	23.14	24.2	0
1.4	16QAM	3	0	23.23	23.40	23.37		
1.4	16QAM	3	1	23.20	23.25	23.07		
1.4	16QAM	3	3	23.09	23.19	23.10		
1.4	16QAM	6	0	22.89	22.98	22.83	24.2	0
1.4	64QAM	1	0	22.79	22.94	22.72		
1.4	64QAM	1	3	22.75	22.80	22.74		
1.4	64QAM	1	5	22.89	22.96	22.78	24.2	0
1.4	64QAM	3	0	22.83	22.84	22.72		
1.4	64QAM	3	1	22.70	22.80	22.68		
1.4	64QAM	3	3	22.69	22.76	22.64		
1.4	64QAM	6	0	21.84	21.97	21.76	24.2	0
1.4	256QAM	1	0	19.95	19.98	19.90		
1.4	256QAM	1	3	19.76	20.04	19.75		
1.4	256QAM	1	5	19.79	19.89	19.82	23.2	1
1.4	256QAM	3	0	19.91	19.96	19.92		
1.4	256QAM	3	1	19.80	19.90	19.72		
1.4	256QAM	3	3	19.80	19.90	19.74		
1.4	256QAM	6	0	19.72	19.89	19.84	23.2	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.14	21.16	21.11		
20	QPSK	1	49	20.97	21.00	20.90	21.7	0
20	QPSK	1	99	20.96	21.02	20.94		
20	QPSK	50	0	21.08	21.12	21.07		
20	QPSK	50	24	20.91	20.88	20.87	21.7	0
20	QPSK	50	50	20.94	21.01	20.82		
20	QPSK	100	0	21.05	21.08	20.98		
20	16QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.83	21.00	20.86	21.7	0
20	QPSK	1	49	20.80	20.97	20.80		
20	QPSK	1	99	20.83	20.87	20.67		
20	QPSK	50	0	20.76	20.95	20.81	21.7	0
20	QPSK	50	24	20.75	20.92	20.63		
20	QPSK	50	50	20.64	20.88	20.66		
20	QPSK	100	0	20.89	20.86	20.74		
20	16QAM	1	0	20.75	20.87	20.80	21.7	0
20	16QAM	1	49	20.69	20.95	20.71		
20	16QAM	1	99	20.80	20.78	20.54		
20	16QAM	50	0	20.67	20.87	20.68	21.7	0
20	16QAM	50	24	20.64	20.89	20.61		
20	16QAM	50	50	20.52	20.81	20.57		
20	16QAM	100	0	20.86	20.75	20.63		
20	64QAM	1	0	20.77	20.86	20.80	21.7	0
20	64QAM	1	49	20.74	20.87	20.75		
20	64QAM	1	99	20.79	20.85	20.65		
20	64QAM	50	0	20.74	20.90	20.73	21.7	0
20	64QAM	50	24	20.63	20.85	20.49		
20	64QAM	50	50	20.53	20.86	20.53		
20	64QAM	100	0	20.81	20.78	20.70		
20	256QAM	1	0	19.80	19.97	19.84	20.7	1
20	256QAM	1	49	19.84	20.01	19.82		
20	256QAM	1	99	19.78	19.83	19.61		
20	256QAM	50	0	19.78	20.00	19.80	20.7	1
20	256QAM	50	24	19.76	19.93	19.67		
20	256QAM	50	50	19.60	19.83	19.64		
20	256QAM	100	0	19.94	19.90	19.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.73	20.95	20.81	21.7	0
15	QPSK	1	37	20.74	20.88	20.67		
15	QPSK	1	74	20.76	20.74	20.54		
15	QPSK	36	0	20.71	20.88	20.67	21.7	0
15	QPSK	36	20	20.65	20.90	20.49		
15	QPSK	36	39	20.57	20.74	20.64		
15	QPSK	75	0	20.80	20.77	20.64		
15	16QAM	1	0	20.66	20.73	20.75	21.7	0
15	16QAM	1	37	20.65	20.92	20.67		
15	16QAM	1	74	20.74	20.64	20.48		
15	16QAM	36	0	20.58	20.79	20.55	21.7	0
15	16QAM	36	20	20.53	20.79	20.49		
15	16QAM	36	39	20.39	20.67	20.47		
15	16QAM	75	0	20.82	20.70	20.51		
15	64QAM	1	0	20.67	20.79	20.72	21.7	0
15	64QAM	1	37	20.68	20.75	20.67		
15	64QAM	1	74	20.67	20.76	20.55		
15	64QAM	36	0	20.71	20.78	20.63	21.7	0
15	64QAM	36	20	20.49	20.77	20.44		
15	64QAM	36	39	20.47	20.73	20.41		
15	64QAM	75	0	20.74	20.69	20.56		
15	256QAM	1	0	19.68	19.83	19.75	20.7	1
15	256QAM	1	37	19.75	19.92	19.79		
15	256QAM	1	74	19.70	19.79	19.56		
15	256QAM	36	0	19.73	19.94	19.73	20.7	1
15	256QAM	36	20	19.64	19.87	19.57		
15	256QAM	36	39	19.47	19.80	19.54		
15	256QAM	75	0	19.85	19.80	19.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.80	20.90	20.75	21.7	0
10	QPSK	1	25	20.68	20.84	20.69		
10	QPSK	1	49	20.75	20.73	20.58		
10	QPSK	25	0	20.65	20.92	20.70	21.7	0
10	QPSK	25	12	20.72	20.84	20.52		
10	QPSK	25	25	20.53	20.76	20.53		
10	QPSK	50	0	20.83	20.72	20.66		
10	16QAM	1	0	20.70	20.75	20.76	21.7	0
10	16QAM	1	25	20.64	20.84	20.66		
10	16QAM	1	49	20.67	20.64	20.41		
10	16QAM	25	0	20.59	20.76	20.60	21.7	0
10	16QAM	25	12	20.53	20.86	20.55		
10	16QAM	25	25	20.49	20.74	20.45		
10	16QAM	50	0	20.75	20.66	20.55		
10	64QAM	1	0	20.72	20.76	20.66	21.7	0
10	64QAM	1	25	20.68	20.84	20.68		
10	64QAM	1	49	20.72	20.73	20.58		
10	64QAM	25	0	20.63	20.83	20.65	21.7	0
10	64QAM	25	12	20.53	20.72	20.46		
10	64QAM	25	25	20.47	20.74	20.40		
10	64QAM	50	0	20.75	20.69	20.60		
10	256QAM	1	0	19.75	19.88	19.81	20.7	1
10	256QAM	1	25	19.71	19.95	19.74		
10	256QAM	1	49	19.74	19.74	19.56		
10	256QAM	25	0	19.66	19.91	19.69	20.7	1
10	256QAM	25	12	19.69	19.90	19.53		
10	256QAM	25	25	19.50	19.80	19.56		
10	256QAM	50	0	19.86	19.77	19.61		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.71	20.89	20.80	21.7	0
5	QPSK	1	12	20.70	20.93	20.76		
5	QPSK	1	24	20.81	20.77	20.53		
5	QPSK	12	0	20.69	20.86	20.69	21.7	0
5	QPSK	12	7	20.67	20.89	20.55		
5	QPSK	12	13	20.58	20.81	20.62		
5	QPSK	25	0	20.80	20.76	20.70		
5	16QAM	1	0	20.69	20.83	20.75	21.7	0
5	16QAM	1	12	20.62	20.86	20.65		
5	16QAM	1	24	20.74	20.67	20.51		
5	16QAM	12	0	20.63	20.84	20.65	21.7	0
5	16QAM	12	7	20.53	20.86	20.54		
5	16QAM	12	13	20.39	20.79	20.43		
5	16QAM	25	0	20.76	20.70	20.49		
5	64QAM	1	0	20.71	20.72	20.68	21.7	0
5	64QAM	1	12	20.67	20.77	20.65		
5	64QAM	1	24	20.69	20.77	20.56		
5	64QAM	12	0	20.60	20.86	20.70	21.7	0
5	64QAM	12	7	20.50	20.78	20.46		
5	64QAM	12	13	20.47	20.83	20.50		
5	64QAM	25	0	20.70	20.74	20.66		
5	256QAM	1	0	19.78	19.86	19.73	20.7	1
5	256QAM	1	12	19.79	19.99	19.78		
5	256QAM	1	24	19.71	19.69	19.51		
5	256QAM	12	0	19.75	19.92	19.71	20.7	1
5	256QAM	12	7	19.67	19.82	19.55		
5	256QAM	12	13	19.57	19.78	19.57		
5	256QAM	25	0	19.89	19.88	19.63		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.86	20.91	21.01	20.75	20.92	21.7	0
20	QPSK	1	49	20.79	20.75	20.90	20.67	20.89		
20	QPSK	1	99	20.75	20.86	20.95	20.80	20.92		
20	QPSK	50	0	20.87	20.82	20.97	20.73	20.85	21.7	0
20	QPSK	50	24	20.80	20.69	20.81	20.65	20.79		
20	QPSK	50	50	20.68	20.77	20.92	20.79	20.81		
20	QPSK	100	0	20.84	20.86	20.94	20.75	20.82		
20	16QAM	1	0	20.75	20.83	20.94	20.61	20.82	21.7	0
20	16QAM	1	49	20.72	20.71	20.88	20.54	20.80		
20	16QAM	1	99	20.65	20.80	20.86	20.67	20.86		
20	16QAM	50	0	20.82	20.80	20.93	20.67	20.74	21.7	0
20	16QAM	50	24	20.69	20.56	20.75	20.53	20.67		
20	16QAM	50	50	20.55	20.66	20.86	20.69	20.77		
20	16QAM	100	0	20.70	20.82	20.80	20.63	20.76		
20	64QAM	1	0	20.82	20.77	20.93	20.67	20.78	21.7	0
20	64QAM	1	49	20.75	20.61	20.76	20.64	20.80		
20	64QAM	1	99	20.70	20.74	20.84	20.68	20.87		
20	64QAM	50	0	20.76	20.71	20.84	20.67	20.74	21.7	0
20	64QAM	50	24	20.70	20.55	20.76	20.60	20.71		
20	64QAM	50	50	20.56	20.71	20.87	20.66	20.73		
20	64QAM	100	0	20.77	20.82	20.85	20.66	20.68		
20	256QAM	1	0	19.91	19.86	19.96	19.70	19.88	20.7	1
20	256QAM	1	49	19.77	19.81	19.88	19.63	19.84		
20	256QAM	1	99	19.69	19.80	19.97	19.84	19.93		
20	256QAM	50	0	19.84	19.76	19.99	19.76	19.89	20.7	1
20	256QAM	50	24	19.81	19.64	19.80	19.66	19.77		
20	256QAM	50	50	19.65	19.73	19.91	19.80	19.79		
20	256QAM	100	0	19.83	19.82	19.98	19.75	19.85		
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	20.80	20.89	20.95	20.62	20.81	21.70	0
15	QPSK	1	37	20.65	20.63	20.85	20.59	20.80		
15	QPSK	1	74	20.71	20.80	20.87	20.68	20.83		
15	QPSK	36	0	20.80	20.78	20.94	20.60	20.81	21.7	0
15	QPSK	36	20	20.69	20.66	20.68	20.60	20.74		
15	QPSK	36	39	20.61	20.71	20.83	20.67	20.76		
15	QPSK	75	0	20.79	20.77	20.81	20.69	20.69		
15	16QAM	1	0	20.62	20.72	20.84	20.55	20.77	21.7	0
15	16QAM	1	37	20.62	20.58	20.83	20.41	20.75		
15	16QAM	1	74	20.52	20.72	20.78	20.55	20.80		
15	16QAM	36	0	20.74	20.72	20.83	20.57	20.70	21.7	0
15	16QAM	36	20	20.56	20.43	20.64	20.49	20.59		
15	16QAM	36	39	20.49	20.57	20.76	20.65	20.75		
15	16QAM	75	0	20.58	20.78	20.75	20.54	20.63		
15	64QAM	1	0	20.71	20.69	20.84	20.62	20.71	21.7	0
15	64QAM	1	37	20.69	20.48	20.73	20.57	20.71		
15	64QAM	1	74	20.63	20.69	20.73	20.66	20.77		
15	64QAM	36	0	20.63	20.60	20.72	20.59	20.61	21.7	0
15	64QAM	36	20	20.65	20.49	20.63	20.49	20.60		
15	64QAM	36	39	20.45	20.67	20.77	20.61	20.60		
15	64QAM	75	0	20.71	20.70	20.73	20.64	20.64		
15	256QAM	1	0	19.79	19.74	19.92	19.59	19.81	20.7	1
15	256QAM	1	37	19.67	19.76	19.83	19.54	19.71		
15	256QAM	1	74	19.58	19.71	19.95	19.74	19.82		
15	256QAM	36	0	19.79	19.66	19.89	19.71	19.83	20.7	1
15	256QAM	36	20	19.69	19.56	19.76	19.55	19.70		
15	256QAM	36	39	19.61	19.59	19.86	19.71	19.75		
15	256QAM	75	0	19.72	19.76	19.94	19.62	19.80		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.83	20.78	20.92	20.62	20.90	21.70	0
10	QPSK	1	25	20.75	20.61	20.85	20.62	20.84		
10	QPSK	1	49	20.70	20.79	20.90	20.74	20.81		
10	QPSK	25	0	20.77	20.72	20.87	20.66	20.82	21.7	0
10	QPSK	25	12	20.74	20.58	20.76	20.59	20.67		
10	QPSK	25	25	20.60	20.71	20.85	20.69	20.68		
10	QPSK	50	0	20.80	20.73	20.82	20.65	20.77		
10	16QAM	1	0	20.67	20.77	20.87	20.55	20.69	21.7	0
10	16QAM	1	25	20.68	20.64	20.79	20.45	20.78		
10	16QAM	1	49	20.54	20.72	20.75	20.60	20.78		
10	16QAM	25	0	20.77	20.69	20.90	20.63	20.60	21.7	0
10	16QAM	25	12	20.58	20.47	20.67	20.47	20.54		
10	16QAM	25	25	20.43	20.58	20.83	20.55	20.66		
10	16QAM	50	0	20.67	20.78	20.67	20.59	20.63		
10	64QAM	1	0	20.77	20.68	20.88	20.60	20.72	21.7	0
10	64QAM	1	25	20.61	20.49	20.65	20.59	20.75		
10	64QAM	1	49	20.66	20.71	20.74	20.59	20.79		
10	64QAM	25	0	20.70	20.59	20.81	20.62	20.65	21.7	0
10	64QAM	25	12	20.59	20.45	20.69	20.48	20.68		
10	64QAM	25	25	20.46	20.68	20.74	20.59	20.69		
10	64QAM	50	0	20.75	20.73	20.76	20.52	20.63		
10	256QAM	1	0	19.86	19.81	19.92	19.68	19.84	20.7	1
10	256QAM	1	25	19.70	19.68	19.81	19.57	19.72		
10	256QAM	1	49	19.64	19.76	19.86	19.80	19.84		
10	256QAM	25	0	19.75	19.72	19.92	19.64	19.77	20.7	1
10	256QAM	25	12	19.68	19.53	19.74	19.62	19.71		
10	256QAM	25	25	19.61	19.67	19.83	19.71	19.76		
10	256QAM	50	0	19.75	19.78	19.86	19.64	19.75		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.78	20.85	20.91	20.68	20.89	21.70	0
5	QPSK	1	12	20.73	20.64	20.82	20.57	20.79		
5	QPSK	1	24	20.62	20.74	20.91	20.77	20.89		
5	QPSK	12	0	20.82	20.71	20.91	20.70	20.78	21.7	0
5	QPSK	12	7	20.72	20.57	20.78	20.54	20.71		
5	QPSK	12	13	20.59	20.74	20.86	20.73	20.78		
5	QPSK	25	0	20.73	20.77	20.90	20.69	20.70		
5	16QAM	1	0	20.67	20.77	20.90	20.55	20.71	21.7	0
5	16QAM	1	12	20.68	20.65	20.82	20.40	20.69		
5	16QAM	1	24	20.55	20.75	20.73	20.54	20.80		
5	16QAM	12	0	20.75	20.67	20.80	20.65	20.65	21.7	0
5	16QAM	12	7	20.67	20.52	20.65	20.41	20.56		
5	16QAM	12	13	20.52	20.53	20.81	20.62	20.68		
5	16QAM	25	0	20.57	20.77	20.77	20.58	20.73		
5	64QAM	1	0	20.68	20.71	20.90	20.55	20.75	21.7	0
5	64QAM	1	12	20.65	20.51	20.66	20.50	20.73		
5	64QAM	1	24	20.64	20.61	20.75	20.55	20.81		
5	64QAM	12	0	20.73	20.57	20.79	20.62	20.68	21.7	0
5	64QAM	12	7	20.57	20.52	20.72	20.56	20.68		
5	64QAM	12	13	20.42	20.63	20.84	20.58	20.59		
5	64QAM	25	0	20.69	20.75	20.72	20.61	20.58		
5	256QAM	1	0	19.87	19.75	19.83	19.65	19.80	20.7	1
5	256QAM	1	12	19.64	19.72	19.77	19.52	19.75		
5	256QAM	1	24	19.57	19.77	19.86	19.76	19.85		
5	256QAM	12	0	19.74	19.65	19.88	19.63	19.77	20.7	1
5	256QAM	12	7	19.74	19.59	19.74	19.62	19.65		
5	256QAM	12	13	19.62	19.59	19.89	19.76	19.69		
5	256QAM	25	0	19.79	19.74	19.96	19.67	19.83		

Band 2 Ant3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.56	16.70	16.68	18	0
20	QPSK	1	49	16.54	16.63	16.50		
20	QPSK	1	99	16.45	16.58	16.53		
20	QPSK	50	0	16.53	16.67	16.64		
20	QPSK	50	24	16.50	16.59	16.43	18	0
20	QPSK	50	50	16.41	16.46	16.48		
20	QPSK	100	0	16.49	16.66	16.56		
20	16QAM	1	0	16.52	16.65	16.58	18	0
20	16QAM	1	49	16.48	16.53	16.40		
20	16QAM	1	99	16.40	16.47	16.49		
20	16QAM	50	0	16.42	16.57	16.65	18	0
20	16QAM	50	24	16.43	16.59	16.39		
20	16QAM	50	50	16.34	16.49	16.49		
20	16QAM	100	0	16.39	16.55	16.50		
20	64QAM	1	0	16.47	16.47	16.31	18	0
20	64QAM	1	49	16.28	16.37	16.35		
20	64QAM	1	99	16.42	16.60	16.44		
20	64QAM	50	0	16.44	16.60	16.54	18	0
20	64QAM	50	24	16.47	16.55	16.40		
20	64QAM	50	50	16.33	16.48	16.48		
20	64QAM	100	0	16.50	16.62	16.61		
20	256QAM	1	0	16.49	16.56	16.62	18	0
20	256QAM	1	49	16.46	16.58	16.37		
20	256QAM	1	99	16.40	16.46	16.45		
20	256QAM	50	0	16.46	16.59	16.53	18	0
20	256QAM	50	24	16.37	16.51	16.34		
20	256QAM	50	50	16.32	16.39	16.35		
20	256QAM	100	0	16.38	16.58	16.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.53	16.66	16.59	18	0
15	QPSK	1	37	16.41	16.61	16.48		
15	QPSK	1	74	16.39	16.45	16.49		
15	QPSK	36	0	16.49	16.57	16.57	18	0
15	QPSK	36	20	16.41	16.54	16.39		
15	QPSK	36	39	16.27	16.42	16.35		
15	QPSK	75	0	16.43	16.52	16.46		
15	16QAM	1	0	16.49	16.53	16.50	18	0
15	16QAM	1	37	16.43	16.45	16.28		
15	16QAM	1	74	16.36	16.33	16.40		
15	16QAM	36	0	16.34	16.49	16.63	18	0
15	16QAM	36	20	16.30	16.49	16.36		
15	16QAM	36	39	16.21	16.39	16.46		
15	16QAM	75	0	16.31	16.45	16.36		
15	64QAM	1	0	16.39	16.36	16.28	18	0
15	64QAM	1	37	16.25	16.24	16.23		
15	64QAM	1	74	16.28	16.54	16.39		
15	64QAM	36	0	16.31	16.52	16.52	18	0
15	64QAM	36	20	16.44	16.48	16.32		
15	64QAM	36	39	16.25	16.44	16.41		
15	64QAM	75	0	16.45	16.49	16.58		
15	256QAM	1	0	16.44	16.49	16.52	18	0
15	256QAM	1	37	16.36	16.53	16.24		
15	256QAM	1	74	16.29	16.39	16.38		
15	256QAM	36	0	16.37	16.49	16.40	18	0
15	256QAM	36	20	16.25	16.42	16.30		
15	256QAM	36	39	16.19	16.32	16.26		
15	256QAM	75	0	16.26	16.48	16.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.51	16.60	16.63	18	0
10	QPSK	1	25	16.43	16.59	16.45		
10	QPSK	1	49	16.41	16.49	16.45		
10	QPSK	25	0	16.51	16.63	16.60	18	0
10	QPSK	25	12	16.38	16.53	16.34		
10	QPSK	25	25	16.31	16.32	16.45		
10	QPSK	50	0	16.43	16.53	16.44		
10	16QAM	1	0	16.43	16.61	16.46	18	0
10	16QAM	1	25	16.40	16.45	16.30		
10	16QAM	1	49	16.36	16.44	16.38		
10	16QAM	25	0	16.39	16.44	16.62	18	0
10	16QAM	25	12	16.41	16.57	16.31		
10	16QAM	25	25	16.23	16.36	16.36		
10	16QAM	50	0	16.31	16.43	16.42		
10	64QAM	1	0	16.42	16.43	16.19	18	0
10	64QAM	1	25	16.15	16.24	16.31		
10	64QAM	1	49	16.29	16.48	16.37		
10	64QAM	25	0	16.37	16.56	16.41	18	0
10	64QAM	25	12	16.44	16.49	16.37		
10	64QAM	25	25	16.30	16.36	16.40		
10	64QAM	50	0	16.46	16.58	16.56		
10	256QAM	1	0	16.37	16.47	16.55	18	0
10	256QAM	1	25	16.39	16.53	16.28		
10	256QAM	1	49	16.31	16.34	16.34		
10	256QAM	25	0	16.33	16.48	16.46	18	0
10	256QAM	25	12	16.34	16.44	16.31		
10	256QAM	25	25	16.27	16.28	16.26		
10	256QAM	50	0	16.25	16.45	16.36		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.50	16.68	16.58	18	0
5	QPSK	1	12	16.43	16.50	16.40		
5	QPSK	1	24	16.38	16.50	16.44		
5	QPSK	12	0	16.43	16.56	16.59	18	0
5	QPSK	12	7	16.40	16.48	16.31		
5	QPSK	12	13	16.31	16.41	16.42		
5	QPSK	25	0	16.36	16.58	16.44		
5	16QAM	1	0	16.39	16.61	16.45	18	0
5	16QAM	1	12	16.41	16.39	16.36		
5	16QAM	1	24	16.26	16.38	16.37		
5	16QAM	12	0	16.38	16.48	16.58	18	0
5	16QAM	12	7	16.38	16.48	16.31		
5	16QAM	12	13	16.31	16.39	16.45		
5	16QAM	25	0	16.32	16.51	16.36		
5	64QAM	1	0	16.43	16.41	16.24	18	0
5	64QAM	1	12	16.20	16.24	16.26		
5	64QAM	1	24	16.39	16.49	16.33		
5	64QAM	12	0	16.35	16.52	16.48	18	0
5	64QAM	12	7	16.41	16.43	16.38		
5	64QAM	12	13	16.23	16.44	16.34		
5	64QAM	25	0	16.46	16.51	16.49		
5	256QAM	1	0	16.46	16.45	16.52	18	0
5	256QAM	1	12	16.35	16.50	16.28		
5	256QAM	1	24	16.26	16.37	16.35		
5	256QAM	12	0	16.41	16.50	16.41	18	0
5	256QAM	12	7	16.27	16.46	16.31		
5	256QAM	12	13	16.19	16.32	16.32		
5	256QAM	25	0	16.35	16.48	16.44		
Channel				18815	18900	18985	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.54	16.58	16.63	18	0
3	QPSK	1	8	16.44	16.58	16.46		
3	QPSK	1	14	16.37	16.47	16.43		
3	QPSK	8	0	16.51	16.66	16.51	18	0
3	QPSK	8	4	16.39	16.49	16.34		
3	QPSK	8	7	16.29	16.34	16.42		
3	QPSK	15	0	16.41	16.58	16.49		
3	16QAM	1	0	16.42	16.56	16.51	18	0
3	16QAM	1	8	16.43	16.40	16.26		
3	16QAM	1	14	16.32	16.36	16.43		
3	16QAM	8	0	16.30	16.44	16.63	18	0
3	16QAM	8	4	16.29	16.51	16.28		
3	16QAM	8	7	16.22	16.41	16.47		
3	16QAM	15	0	16.26	16.45	16.48		
3	64QAM	1	0	16.37	16.45	16.25	18	0
3	64QAM	1	8	16.25	16.25	16.27		
3	64QAM	1	14	16.31	16.48	16.33		
3	64QAM	8	0	16.33	16.48	16.48	18	0
3	64QAM	8	4	16.36	16.51	16.36		
3	64QAM	8	7	16.26	16.43	16.36		
3	64QAM	15	0	16.45	16.54	16.57		
3	256QAM	1	0	16.35	16.50	16.51	18	0
3	256QAM	1	8	16.44	16.51	16.34		
3	256QAM	1	14	16.29	16.35	16.38		
3	256QAM	8	0	16.35	16.57	16.42	18	0
3	256QAM	8	4	16.34	16.46	16.25		
3	256QAM	8	7	16.23	16.34	16.28		
3	256QAM	15	0	16.35	16.45	16.39		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.45	16.63	16.58	18	0
1.4	QPSK	1	3	16.47	16.49	16.38		
1.4	QPSK	1	5	16.37	16.51	16.49		
1.4	QPSK	3	0	16.45	16.63	16.62		
1.4	QPSK	3	1	16.37	16.57	16.35		
1.4	QPSK	3	3	16.32	16.35	16.40		
1.4	QPSK	6	0	16.36	16.58	16.46	18	0
1.4	16QAM	1	0	16.45	16.63	16.50	18	0
1.4	16QAM	1	3	16.43	16.42	16.36		
1.4	16QAM	1	5	16.35	16.43	16.40		
1.4	16QAM	3	0	16.28	16.44	16.52		
1.4	16QAM	3	1	16.29	16.56	16.30		
1.4	16QAM	3	3	16.30	16.45	16.47		
1.4	16QAM	6	0	16.36	16.51	16.43	18	0
1.4	64QAM	1	0	16.34	16.43	16.24	18	0
1.4	64QAM	1	3	16.26	16.35	16.32		
1.4	64QAM	1	5	16.34	16.51	16.34		
1.4	64QAM	3	0	16.33	16.49	16.49		
1.4	64QAM	3	1	16.36	16.41	16.27		
1.4	64QAM	3	3	16.19	16.37	16.45		
1.4	64QAM	6	0	16.41	16.57	16.57	18	0
1.4	256QAM	1	0	16.42	16.45	16.52	18	0
1.4	256QAM	1	3	16.42	16.56	16.34		
1.4	256QAM	1	5	16.36	16.41	16.42		
1.4	256QAM	3	0	16.38	16.53	16.48		
1.4	256QAM	3	1	16.30	16.46	16.25		
1.4	256QAM	3	3	16.20	16.26	16.30		
1.4	256QAM	6	0	16.31	16.49	16.46	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.58	18.66	18.62	20	0
20	QPSK	1	49	18.35	18.54	18.50		
20	QPSK	1	99	18.44	18.62	18.49		
20	QPSK	50	0	18.48	18.64	18.53		
20	QPSK	50	24	18.26	18.46	18.44	20	0
20	QPSK	50	50	18.36	18.53	18.40		
20	QPSK	100	0	18.46	18.63	18.52		
20	16QAM	1	0	18.44	18.60	18.48	20	0
20	16QAM	1	49	18.25	18.47	18.43		
20	16QAM	1	99	18.39	18.60	18.44		
20	16QAM	50	0	18.48	18.57	18.51	20	0
20	16QAM	50	24	18.32	18.49	18.42		
20	16QAM	50	50	18.35	18.59	18.43		
20	16QAM	100	0	18.45	18.53	18.49		
20	64QAM	1	0	18.21	18.43	18.32	20	0
20	64QAM	1	49	18.28	18.40	18.27		
20	64QAM	1	99	18.33	18.53	18.42		
20	64QAM	50	0	18.49	18.56	18.49	20	0
20	64QAM	50	24	18.25	18.48	18.40		
20	64QAM	50	50	18.34	18.54	18.40		
20	64QAM	100	0	18.34	18.52	18.46		
20	256QAM	1	0	18.50	18.55	18.48	20	0
20	256QAM	1	49	18.28	18.40	18.40		
20	256QAM	1	99	18.30	18.51	18.44		
20	256QAM	50	0	18.38	18.61	18.41	20	0
20	256QAM	50	24	18.22	18.39	18.40		
20	256QAM	50	50	18.29	18.49	18.35		
20	256QAM	100	0	18.35	18.54	18.47		
Channel				20625	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.50	18.60	18.50	20	0
15	QPSK	1	37	18.22	18.43	18.46		
15	QPSK	1	74	18.38	18.56	18.39		
15	QPSK	36	0	18.37	18.51	18.43	20	0
15	QPSK	36	20	18.23	18.35	18.39		
15	QPSK	36	39	18.25	18.42	18.26		
15	QPSK	75	0	18.42	18.59	18.44		
15	16QAM	1	0	18.35	18.46	18.35	20	0
15	16QAM	1	37	18.16	18.39	18.36		
15	16QAM	1	74	18.35	18.48	18.37		
15	16QAM	36	0	18.45	18.44	18.47	20	0
15	16QAM	36	20	18.26	18.47	18.34		
15	16QAM	36	39	18.28	18.50	18.40		
15	16QAM	75	0	18.41	18.43	18.36		
15	64QAM	1	0	18.10	18.40	18.21	20	0
15	64QAM	1	37	18.26	18.33	18.18		
15	64QAM	1	74	18.26	18.51	18.31		
15	64QAM	36	0	18.38	18.48	18.38	20	0
15	64QAM	36	20	18.17	18.44	18.33		
15	64QAM	36	39	18.23	18.44	18.27		
15	64QAM	75	0	18.24	18.45	18.37		
15	256QAM	1	0	18.46	18.43	18.39	20	0
15	256QAM	1	37	18.23	18.31	18.28		
15	256QAM	1	74	18.22	18.39	18.33		
15	256QAM	36	0	18.29	18.48	18.36	20	0
15	256QAM	36	20	18.18	18.32	18.35		
15	256QAM	36	39	18.42	18.42	18.24		
15	256QAM	75	0	18.24	18.49	18.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.45	18.52	18.55	20	0
10	QPSK	1	25	18.31	18.43	18.45		
10	QPSK	1	49	18.39	18.58	18.42		
10	QPSK	25	0	18.34	18.50	18.39	20	0
10	QPSK	25	12	18.21	18.36	18.33		
10	QPSK	25	25	18.25	18.44	18.30		
10	QPSK	50	0	18.38	18.60	18.44		
10	16QAM	1	0	18.30	18.49	18.39	20	0
10	16QAM	1	25	18.16	18.36	18.35		
10	16QAM	1	49	18.35	18.54	18.30		
10	16QAM	25	0	18.40	18.51	18.49	20	0
10	16QAM	25	12	18.19	18.42	18.35		
10	16QAM	25	25	18.23	18.48	18.36		
10	16QAM	50	0	18.36	18.49	18.45		
10	64QAM	1	0	18.18	18.38	18.22	20	0
10	64QAM	1	25	18.21	18.34	18.19		
10	64QAM	1	49	18.27	18.44	18.36		
10	64QAM	25	0	18.42	18.50	18.43	20	0
10	64QAM	25	12	18.15	18.45	18.34		
10	64QAM	25	25	18.28	18.49	18.36		
10	64QAM	50	0	18.30	18.43	18.41		
10	256QAM	1	0	18.40	18.52	18.44	20	0
10	256QAM	1	25	18.20	18.27	18.26		
10	256QAM	1	49	18.26	18.48	18.32		
10	256QAM	25	0	18.25	18.56	18.37	20	0
10	256QAM	25	12	18.20	18.27	18.28		
10	256QAM	25	25	18.26	18.44	18.33		
10	256QAM	50	0	18.27	18.42	18.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.55	18.53	18.51	20	0
5	QPSK	1	12	18.23	18.43	18.45		
5	QPSK	1	24	18.35	18.55	18.42		
5	QPSK	12	0	18.34	18.56	18.49	20	0
5	QPSK	12	7	18.24	18.37	18.32		
5	QPSK	12	13	18.32	18.43	18.38		
5	QPSK	25	0	18.41	18.57	18.45		
5	16QAM	1	0	18.40	18.50	18.43	20	0
5	16QAM	1	12	18.12	18.40	18.34		
5	16QAM	1	24	18.31	18.49	18.37		
5	16QAM	12	0	18.36	18.54	18.49	20	0
5	16QAM	12	7	18.22	18.36	18.37		
5	16QAM	12	13	18.21	18.52	18.38		
5	16QAM	25	0	18.38	18.42	18.41		
5	64QAM	1	0	18.13	18.34	18.19	20	0
5	64QAM	1	12	18.22	18.37	18.18		
5	64QAM	1	24	18.23	18.50	18.36		
5	64QAM	12	0	18.37	18.49	18.45	20	0
5	64QAM	12	7	18.21	18.41	18.29		
5	64QAM	12	13	18.21	18.44	18.35		
5	64QAM	25	0	18.22	18.42	18.35		
5	256QAM	1	0	18.37	18.47	18.43	20	0
5	256QAM	1	12	18.16	18.34	18.33		
5	256QAM	1	24	18.24	18.45	18.36		
5	256QAM	12	0	18.27	18.50	18.34	20	0
5	256QAM	12	7	18.08	18.28	18.28		
5	256QAM	12	13	18.23	18.46	18.29		
5	256QAM	25	0	18.22	18.42	18.35		

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BW [MHz]	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	19.10	19.17	19.05	20.5	0
20	QPSK	1	49	19.01	19.13	18.90		
20	QPSK	1	99	18.93	19.07	18.89		
20	QPSK	50	0	19.09	19.16	18.98	20.5	0
20	QPSK	50	24	18.90	19.07	18.86		
20	QPSK	50	50	18.86	19.06	18.88		
20	QPSK	100	0	19.07	19.11	19.10		
20	16QAM	1	0	19.05	19.07	18.98	20.5	0
20	16QAM	1	49	18.92	19.07	18.83		
20	16QAM	1	99	18.87	18.98	18.82		
20	16QAM	50	0	18.96	19.07	18.89	20.5	0
20	16QAM	50	24	18.86	19.04	18.74		
20	16QAM	50	50	18.77	19.02	18.75		
20	16QAM	100	0	18.94	18.97	19.03		
20	64QAM	1	0	18.99	19.07	18.92	20.5	0
20	64QAM	1	49	18.97	19.07	18.88		
20	64QAM	1	99	18.87	18.93	18.86		
20	64QAM	50	0	19.02	19.14	18.93	20.5	0
20	64QAM	50	24	18.79	18.94	18.84		
20	64QAM	50	50	18.77	19.04	18.80		
20	64QAM	100	0	19.01	19.01	19.00		
20	256QAM	1	0	19.02	19.08	19.02	20.5	0
20	256QAM	1	49	18.92	19.05	18.80		
20	256QAM	1	99	18.88	18.97	18.87		
20	256QAM	50	0	18.99	19.04	18.91	20.5	0
20	256QAM	50	24	18.80	18.96	18.82		
20	256QAM	50	50	18.78	18.92	18.84		
20	256QAM	100	0	18.98	19.05	18.97		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.03	19.06	18.98	20.5	0
15	QPSK	1	37	18.91	19.02	18.86		
15	QPSK	1	74	18.91	18.96	18.86		
15	QPSK	36	0	19.03	19.13	18.92	20.5	0
15	QPSK	36	20	18.86	19.04	18.77		
15	QPSK	36	39	18.76	18.97	18.78		
15	QPSK	75	0	18.98	19.01	18.99		
15	16QAM	1	0	18.94	19.04	18.91	20.5	0
15	16QAM	1	37	18.80	18.96	18.71		
15	16QAM	1	74	18.85	18.92	18.71		
15	16QAM	36	0	18.91	19.00	18.84	20.5	0
15	16QAM	36	20	18.75	18.99	18.71		
15	16QAM	36	39	18.68	18.99	18.72		
15	16QAM	75	0	18.88	18.91	18.92		
15	64QAM	1	0	18.92	19.02	18.84	20.5	0
15	64QAM	1	37	18.91	18.94	18.84		
15	64QAM	1	74	18.83	18.88	18.83		
15	64QAM	36	0	18.94	19.06	18.86	20.5	0
15	64QAM	36	20	18.68	18.91	18.76		
15	64QAM	36	39	18.67	18.91	18.67		
15	64QAM	75	0	18.97	18.97	18.98		
15	256QAM	1	0	18.92	19.01	18.89	20.5	0
15	256QAM	1	37	18.85	18.94	18.72		
15	256QAM	1	74	18.83	18.84	18.78		
15	256QAM	36	0	18.94	18.95	18.79	20.5	0
15	256QAM	36	20	18.74	18.90	18.78		
15	256QAM	36	39	18.72	18.78	18.81		
15	256QAM	75	0	18.93	18.93	18.84		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.06	19.07	18.94	20.5	0
10	QPSK	1	25	18.88	19.11	18.84		
10	QPSK	1	49	18.90	18.93	18.80		
10	QPSK	25	0	19.00	19.13	18.89	20.5	0
10	QPSK	25	12	18.86	19.01	18.82		
10	QPSK	25	25	18.76	18.95	18.82		
10	QPSK	50	0	18.97	18.98	18.99		
10	16QAM	1	0	18.93	19.00	18.89	20.5	0
10	16QAM	1	25	18.86	19.05	18.69		
10	16QAM	1	49	18.74	18.91	18.74		
10	16QAM	25	0	18.84	19.00	18.80	20.5	0
10	16QAM	25	12	18.83	18.97	18.72		
10	16QAM	25	25	18.65	18.99	18.72		
10	16QAM	50	0	18.84	18.89	18.91		
10	64QAM	1	0	18.96	18.96	18.78	20.5	0
10	64QAM	1	25	18.91	19.02	18.83		
10	64QAM	1	49	18.75	18.80	18.81		
10	64QAM	25	0	18.97	19.04	18.82	20.5	0
10	64QAM	25	12	18.73	18.84	18.73		
10	64QAM	25	25	18.74	19.01	18.74		
10	64QAM	50	0	18.96	18.96	18.98		
10	256QAM	1	0	18.94	18.99	18.89	20.5	0
10	256QAM	1	25	18.87	18.99	18.74		
10	256QAM	1	49	18.84	18.91	18.78		
10	256QAM	25	0	18.95	18.95	18.79	20.5	0
10	256QAM	25	12	18.77	18.93	18.74		
10	256QAM	25	25	18.75	18.87	18.71		
10	256QAM	50	0	18.94	18.92	18.94		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.03	19.09	18.91	20.5	0
5	QPSK	1	12	18.96	19.09	18.84		
5	QPSK	1	24	18.79	18.94	18.82		
5	QPSK	12	0	19.06	19.10	18.89	20.5	0
5	QPSK	12	7	18.77	18.99	18.78		
5	QPSK	12	13	18.80	18.98	18.74		
5	QPSK	25	0	18.94	19.07	19.01		
5	16QAM	1	0	18.94	18.98	18.85	20.5	0
5	16QAM	1	12	18.87	19.04	18.78		
5	16QAM	1	24	18.79	18.90	18.74		
5	16QAM	12	0	18.87	18.94	18.85	20.5	0
5	16QAM	12	7	18.75	18.95	18.67		
5	16QAM	12	13	18.73	18.90	18.63		
5	16QAM	25	0	18.88	18.90	19.01		
5	64QAM	1	0	18.92	19.05	18.80	20.5	0
5	64QAM	1	12	18.89	19.04	18.76		
5	64QAM	1	24	18.84	18.82	18.74		
5	64QAM	12	0	18.89	19.07	18.91	20.5	0
5	64QAM	12	7	18.76	18.90	18.79		
5	64QAM	12	13	18.65	18.98	18.67		
5	64QAM	25	0	18.96	18.97	18.90		
5	256QAM	1	0	18.96	18.98	18.90	20.5	0
5	256QAM	1	12	18.84	19.03	18.68		
5	256QAM	1	24	18.75	18.85	18.82		
5	256QAM	12	0	18.87	18.94	18.78	20.5	0
5	256QAM	12	7	18.75	18.90	18.79		
5	256QAM	12	13	18.67	18.79	18.71		
5	256QAM	25	0	18.87	19.02	18.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.03	19.09	19.20	19.01	19.15	20.5	0
20	QPSK	1	49	19.01	19.05	19.03	18.98	18.95		
20	QPSK	1	99	18.89	19.06	19.08	18.81	18.77		
20	QPSK	50	0	19.06	19.15	19.17	18.96	19.00	20.5	0
20	QPSK	50	24	18.96	18.95	18.94	18.93	18.81		
20	QPSK	50	50	18.74	18.98	18.99	18.71	18.72		
20	QPSK	100	0	18.97	19.07	19.08	18.86	19.11		
20	16QAM	1	0	19.07	18.98	19.14	19.02	19.13	20.5	0
20	16QAM	1	49	18.88	18.92	18.98	18.92	18.95		
20	16QAM	1	99	18.81	18.98	18.94	18.72	18.71		
20	16QAM	50	0	19.00	19.05	19.16	18.90	19.04	20.5	0
20	16QAM	50	24	18.85	19.07	18.92	18.90	18.75		
20	16QAM	50	50	18.72	19.00	18.99	18.80	18.70		
20	16QAM	100	0	19.02	19.05	19.02	18.93	18.92		
20	64QAM	1	0	18.78	18.87	18.89	18.84	18.78	20.5	0
20	64QAM	1	49	18.77	18.93	18.83	18.65	18.61		
20	64QAM	1	99	18.88	19.04	19.08	18.72	19.09		
20	64QAM	50	0	18.97	19.07	19.05	18.94	18.99	20.5	0
20	64QAM	50	24	18.97	19.08	18.96	18.99	18.80		
20	64QAM	50	50	18.95	18.96	19.05	18.75	18.69		
20	64QAM	100	0	18.96	19.02	19.12	18.91	18.94		
20	256QAM	1	0	19.02	19.05	19.01	18.91	19.05	20.5	0
20	256QAM	1	49	18.84	19.05	18.99	19.01	18.91		
20	256QAM	1	99	18.74	18.97	18.97	18.74	18.73		
20	256QAM	50	0	18.93	19.01	19.00	18.88	18.88	20.5	0
20	256QAM	50	24	18.85	18.93	18.84	18.88	18.79		
20	256QAM	50	50	18.64	18.88	18.88	18.71	18.70		
20	256QAM	100	0	18.96	18.97	19.07	18.83	19.01		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.02	19.04	19.01	18.86	19.14	20.50	0
15	QPSK	1	37	18.83	18.96	19.02	18.89	18.72		
15	QPSK	1	74	18.76	18.94	18.92	18.75	18.69		
15	QPSK	36	0	18.97	19.02	18.95	18.88	18.96	20.5	0
15	QPSK	36	20	18.83	18.76	18.98	18.76	18.71		
15	QPSK	36	39	18.72	18.95	18.94	18.59	18.75		
15	QPSK	75	0	18.94	18.94	19.04	18.78	19.05		
15	16QAM	1	0	18.91	18.84	19.05	18.90	18.99	20.5	0
15	16QAM	1	37	18.82	18.90	18.90	18.82	18.82		
15	16QAM	1	74	18.77	18.91	18.92	18.58	18.70		
15	16QAM	36	0	18.88	19.02	18.98	18.87	18.95	20.5	0
15	16QAM	36	20	18.79	18.96	18.85	18.73	18.67		
15	16QAM	36	39	18.64	18.87	18.95	18.58	18.66		
15	16QAM	75	0	18.89	19.00	19.00	18.80	18.73		
15	64QAM	1	0	18.74	18.79	18.82	18.84	18.66	20.5	0
15	64QAM	1	37	18.60	18.82	18.76	18.56	18.51		
15	64QAM	1	74	18.77	18.94	18.96	18.63	19.00		
15	64QAM	36	0	18.88	19.00	18.92	18.85	18.99	20.5	0
15	64QAM	36	20	18.86	19.02	18.92	18.91	18.69		
15	64QAM	36	39	18.77	18.75	18.89	18.61	18.59		
15	64QAM	75	0	18.88	18.95	19.05	18.70	18.86		
15	256QAM	1	0	18.92	18.90	18.92	18.82	18.89	20.5	0
15	256QAM	1	37	18.82	18.95	18.92	18.97	18.80		
15	256QAM	1	74	18.66	18.85	18.82	18.66	18.67		
15	256QAM	36	0	18.87	18.99	18.95	18.83	18.84	20.5	0
15	256QAM	36	20	18.80	18.88	18.76	18.77	18.77		
15	256QAM	36	39	18.65	18.81	18.87	18.63	18.69		
15	256QAM	75	0	18.92	18.92	19.10	18.65	18.94		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.02	19.04	19.09	18.96	19.04	20.50	0
10	QPSK	1	25	18.88	19.03	18.92	18.93	18.94		
10	QPSK	1	49	18.75	18.90	18.96	18.86	18.69		
10	QPSK	25	0	18.92	18.97	19.11	18.80	18.90	20.5	0
10	QPSK	25	12	18.78	18.84	18.92	18.89	18.67		
10	QPSK	25	25	18.78	18.95	18.93	18.72	18.60		
10	QPSK	50	0	18.88	18.99	19.06	18.73	18.95		
10	16QAM	1	0	18.91	18.93	19.09	18.96	19.01	20.5	0
10	16QAM	1	25	18.89	18.96	18.88	18.82	18.87		
10	16QAM	1	49	18.73	18.99	18.83	18.56	18.68		
10	16QAM	25	0	18.91	18.92	19.04	18.83	18.96	20.5	0
10	16QAM	25	12	18.84	18.99	18.88	18.85	18.65		
10	16QAM	25	25	18.71	18.90	18.89	18.64	18.68		
10	16QAM	50	0	18.89	19.04	18.92	18.82	18.85		
10	64QAM	1	0	18.78	18.70	18.86	18.85	18.71	20.5	0
10	64QAM	1	25	18.72	18.91	18.88	18.61	18.52		
10	64QAM	1	49	18.87	19.03	18.93	18.63	18.93		
10	64QAM	25	0	18.89	19.00	19.07	18.81	18.88	20.5	0
10	64QAM	25	12	18.91	18.96	18.83	18.84	18.75		
10	64QAM	25	25	18.83	18.83	19.01	18.62	18.58		
10	64QAM	50	0	18.77	18.90	19.07	18.74	18.88		
10	256QAM	1	0	19.06	18.94	19.03	18.85	18.86	20.5	0
10	256QAM	1	25	18.83	18.98	18.91	18.93	18.78		
10	256QAM	1	49	18.67	18.83	18.81	18.66	18.57		
10	256QAM	25	0	18.97	18.97	18.96	18.82	18.94	20.5	0
10	256QAM	25	12	18.76	18.75	18.81	18.77	18.74		
10	256QAM	25	25	18.56	18.84	18.84	18.58	18.68		
10	256QAM	50	0	18.84	18.96	19.02	18.72	18.99		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.99	19.03	19.06	18.87	18.95	20.50	0
5	QPSK	1	12	18.90	18.99	18.99	18.88	18.73		
5	QPSK	1	24	18.81	19.06	18.98	18.76	18.69		
5	QPSK	12	0	18.90	19.03	19.00	18.85	18.96	20.5	0
5	QPSK	12	7	18.77	18.80	18.90	18.88	18.82		
5	QPSK	12	13	18.72	18.92	18.91	18.67	18.67		
5	QPSK	25	0	18.95	19.09	18.92	18.75	19.10		
5	16QAM	1	0	19.00	18.87	18.98	18.92	19.10	20.5	0
5	16QAM	1	12	18.73	18.87	18.91	18.74	18.79		
5	16QAM	1	24	18.68	19.00	18.84	18.67	18.67		
5	16QAM	12	0	18.98	19.01	19.02	18.80	18.95	20.5	0
5	16QAM	12	7	18.88	19.02	18.86	18.88	18.69		
5	16QAM	12	13	18.62	18.87	18.82	18.69	18.66		
5	16QAM	25	0	18.86	18.93	18.97	18.74	18.81		
5	64QAM	1	0	18.77	18.75	18.89	18.81	18.78	20.5	0
5	64QAM	1	12	18.66	18.95	18.79	18.56	18.54		
5	64QAM	1	24	18.78	18.95	18.96	18.56	19.03		
5	64QAM	12	0	18.90	18.98	18.90	18.89	18.87	20.5	0
5	64QAM	12	7	18.81	18.94	18.90	18.89	18.66		
5	64QAM	12	13	18.80	18.86	18.90	18.54	18.56		
5	64QAM	25	0	18.79	18.88	18.98	18.76	18.79		
5	256QAM	1	0	19.03	18.99	18.92	18.83	18.86	20.5	0
5	256QAM	1	12	18.73	18.94	18.90	18.81	18.81		
5	256QAM	1	24	18.69	18.94	18.89	18.68	18.61		
5	256QAM	12	0	18.89	18.91	18.99	18.84	18.82	20.5	0
5	256QAM	12	7	18.78	18.74	18.80	18.74	18.65		
5	256QAM	12	13	18.62	18.77	18.92	18.60	18.53		
5	256QAM	25	0	18.78	18.97	18.98	18.68	18.93		

GSM1900 Ant4 ECI5

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.75	26.75	26.66	28.50	17.75	17.75	17.66	19.50
GPRS 1 Tx slot	26.73	26.74	26.63	28.50	17.73	17.74	17.63	19.50
GPRS 2 Tx slots	23.72	23.77	23.73	25.50	17.72	17.77	17.73	19.50
GPRS 3 Tx slots	21.98	22.13	21.98	23.70	17.72	17.87	17.72	19.44
GPRS 4 Tx slots	20.70	20.79	20.60	22.50	17.70	17.79	17.60	19.50
EDGE 1 Tx slot	25.79	25.91	25.78	27.50	16.79	16.91	16.78	18.50
EDGE 2 Tx slots	22.84	22.96	22.82	24.50	16.84	16.96	16.82	18.50
EDGE 3 Tx slots	21.04	21.08	20.97	22.70	16.78	16.82	16.71	18.44
EDGE 4 Tx slots	19.74	19.85	19.75	21.50	16.74	16.85	16.75	18.50

WCDMA II Ant4 ECI5 WCDMA IV Ant4 ECI5

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.14	17.23	17.22	18.70	17.22	17.29	17.31	18.70
3GPP Rel 99	RMC 12.2Kbps	17.30	17.35	17.32	18.70	17.27	17.32	17.24	18.70
3GPP Rel 6	HSDPA Subtest-1	16.14	16.31	16.23	17.70	16.22	16.39	16.29	17.70
3GPP Rel 6	HSDPA Subtest-2	16.22	16.32	16.29	17.70	16.37	16.43	16.25	17.70
3GPP Rel 6	HSDPA Subtest-3	15.85	15.75	15.70	17.20	15.88	15.91	15.83	17.20
3GPP Rel 6	HSDPA Subtest-4	15.78	15.87	15.75	17.20	15.73	15.82	15.78	17.20
3GPP Rel 8	DC-HSDPA Subtest-1	16.24	16.25	16.27	17.70	16.22	16.21	16.25	17.70
3GPP Rel 8	DC-HSDPA Subtest-2	16.24	16.36	16.27	17.70	16.19	16.46	16.25	17.70
3GPP Rel 8	DC-HSDPA Subtest-3	15.76	15.78	15.76	17.20	15.81	15.99	15.77	17.20
3GPP Rel 8	DC-HSDPA Subtest-4	15.74	15.87	15.71	17.20	15.79	15.80	15.75	17.20
3GPP Rel 6	HSUPA Subtest-1	16.24	16.35	16.35	17.70	16.27	16.42	16.42	17.70
3GPP Rel 6	HSUPA Subtest-2	14.28	14.36	14.31	15.70	14.28	14.45	14.29	15.70
3GPP Rel 6	HSUPA Subtest-3	15.29	15.30	15.26	16.70	15.32	15.45	15.22	16.70
3GPP Rel 6	HSUPA Subtest-4	14.26	14.31	14.16	15.70	14.22	14.30	14.21	15.70
3GPP Rel 6	HSUPA Subtest-5	16.19	16.24	16.27	17.70	16.24	16.25	16.31	17.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.75	13.72	13.79	15.20	13.70	13.83	13.83	15.20

Band 2 Ant4 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.90	17.93	17.83		
20	QPSK	1	49	17.80	17.86	17.82	19	0
20	QPSK	1	99	17.84	17.84	17.83		
20	QPSK	50	0	17.87	17.88	17.79		
20	QPSK	50	24	17.78	17.74	17.76	19	0
20	QPSK	50	50	17.77	17.81	17.71		
20	QPSK	100	0	17.81	17.80	17.79		
20	16QAM	1	0	17.84	17.84	17.78		
20	16QAM	1	49	17.68	17.79	17.79	19	0
20	16QAM	1	99	17.76	17.75	17.75		
20	16QAM	50	0	17.86	17.83	17.71		
20	16QAM	50	24	17.71	17.79	17.71	19	0
20	16QAM	50	50	17.77	17.70	17.72		
20	16QAM	100	0	17.78	17.85	17.69		
20	64QAM	1	0	17.72	17.66	17.63		
20	64QAM	1	49	17.65	17.70	17.62	19	0
20	64QAM	1	99	17.68	17.80	17.69		
20	64QAM	50	0	17.77	17.80	17.77		
20	64QAM	50	24	17.68	17.74	17.78	19	0
20	64QAM	50	50	17.75	17.78	17.70		
20	64QAM	100	0	17.83	17.83	17.76		
20	256QAM	1	0	17.85	17.79	17.79		
20	256QAM	1	49	17.67	17.84	17.74	19	0
20	256QAM	1	99	17.74	17.78	17.74		
20	256QAM	50	0	17.77	17.82	17.73		
20	256QAM	50	24	17.73	17.71	17.68	19	0
20	256QAM	50	50	17.70	17.71	17.58		
20	256QAM	100	0	17.67	17.81	17.75		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.87	17.89	17.80		
15	QPSK	1	37	17.77	17.76	17.69	19	0
15	QPSK	1	74	17.79	17.72	17.77		
15	QPSK	36	0	17.84	17.85	17.74		
15	QPSK	36	20	17.75	17.70	17.69	19	0
15	QPSK	36	39	17.74	17.66	17.66		
15	QPSK	75	0	17.74	17.80	17.66		
15	16QAM	1	0	17.78	17.79	17.76		
15	16QAM	1	37	17.63	17.67	17.66	19	0
15	16QAM	1	74	17.69	17.64	17.70		
15	16QAM	36	0	17.72	17.69	17.67		
15	16QAM	36	20	17.67	17.69	17.68	19	0
15	16QAM	36	39	17.65	17.58	17.67		
15	16QAM	75	0	17.69	17.77	17.60		
15	64QAM	1	0	17.59	17.62	17.57		
15	64QAM	1	37	17.59	17.68	17.56	19	0
15	64QAM	1	74	17.56	17.68	17.64		
15	64QAM	36	0	17.64	17.72	17.64		
15	64QAM	36	20	17.56	17.63	17.74	19	0
15	64QAM	36	39	17.62	17.75	17.58		
15	64QAM	75	0	17.71	17.73	17.67		
15	256QAM	1	0	17.77	17.67	17.70		
15	256QAM	1	37	17.57	17.61	17.65	19	0
15	256QAM	1	74	17.70	17.70	17.66		
15	256QAM	36	0	17.73	17.73	17.60		
15	256QAM	36	20	17.67	17.59	17.62	19	0
15	256QAM	36	39	17.64	17.69	17.50		
15	256QAM	75	0	17.55	17.78	17.71		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.82	17.83	17.75		
10	QPSK	1	25	17.67	17.75	17.75	19	0
10	QPSK	1	49	17.75	17.82	17.70		
10	QPSK	25	0	17.84	17.76	17.68		
10	QPSK	25	12	17.68	17.61	17.66	19	0
10	QPSK	25	25	17.66	17.78	17.66		
10	QPSK	50	0	17.70	17.77	17.70		
10	16QAM	1	0	17.72	17.71	17.74		
10	16QAM	1	25	17.64	17.73	17.71	19	0
10	16QAM	1	49	17.70	17.73	17.65		
10	16QAM	25	0	17.71	17.70	17.61		
10	16QAM	25	12	17.68	17.71	17.60	19	0
10	16QAM	25	25	17.66	17.67	17.58		
10	16QAM	50	0	17.75	17.82	17.58		
10	64QAM	1	0	17.66	17.54	17.56		
10	64QAM	1	25	17.57	17.67	17.54	19	0
10	64QAM	1	49	17.57	17.78	17.59		
10	64QAM	25	0	17.67	17.66	17.70		
10	64QAM	25	12	17.66	17.71	17.74	19	0
10	64QAM	25	25	17.69	17.68	17.57		
10	64QAM	50	0	17.72	17.69	17.68		
10	256QAM	1	0	17.78	17.76	17.69		
10	256QAM	1	25	17.57	17.79	17.65	19	0
10	256QAM	1	49	17.67	17.69	17.63		
10	256QAM	25	0	17.73	17.78	17.70		
10	256QAM	25	12	17.64	17.66	17.60	19	0
10	256QAM	25	25	17.67	17.59	17.53		
10	256QAM	50	0	17.58	17.70	17.62		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.79	17.88	17.72		
5	QPSK	1	12	17.68	17.83	17.73	19	0
5	QPSK	1	24	17.71	17.71	17.81		
5	QPSK	12	0	17.84	17.81	17.75		
5	QPSK	12	7	17.72	17.65	17.64	19	0
5	QPSK	12	13	17.64	17.73	17.60		
5	QPSK	25	0	17.78	17.82	17.73		
5	16QAM	1	0	17.77	17.76	17.69		
5	16QAM	1	12	17.62	17.67	17.72	19	0
5	16QAM	1	24	17.63	17.69	17.69		
5	16QAM	12	0	17.77	17.71	17.68		
5	16QAM	12	7	17.59	17.76	17.60	19	0
5	16QAM	12	13	17.69	17.66	17.60		
5	16QAM	25	0	17.72	17.82	17.59		
5	64QAM	1	0	17.64	17.60	17.59		
5	64QAM	1	12	17.62	17.57	17.50	19	0
5	64QAM	1	24	17.62	17.68	17.66		
5	64QAM	12	0	17.71	17.70	17.64		
5	64QAM	12	7	17.55	17.64	17.69	19	0
5	64QAM	12	13	17.65	17.69	17.58		
5	64QAM	25	0	17.74	17.65	17.66		
5	256QAM	1	0	17.80	17.65	17.69		
5	256QAM	1	12	17.54	17.78	17.69	19	0
5	256QAM	1	24	17.64	17.71	17.71		
5	256QAM	12	0	17.64	17.66	17.68		
5	256QAM	12	7	17.64	17.59	17.59	19	0
5	256QAM	12	13	17.64	17.61	17.51		
5	256QAM	25	0	17.54	17.68	17.68		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.86	17.87	17.80		
3	QPSK	1	8	17.75	17.79	17.75	19	0
3	QPSK	1	14	17.77	17.75	17.75		
3	QPSK	8	0	17.83	17.79	17.69		
3	QPSK	8	4	17.72	17.68	17.69	19	0
3	QPSK	8	7	17.64	17.76	17.66		
3	QPSK	15	0	17.73	17.78	17.71		
3	16QAM	1	0	17.70	17.72	17.65		
3	16QAM	1	8	17.60	17.66	17.74	19	0
3	16QAM	1	14	17.68	17.65	17.66		
3	16QAM	8	0	17.69	17.70	17.63		
3	16QAM	8	4	17.59	17.72	17.65	19	0
3	16QAM	8	7	17.64	17.61	17.70		
3	16QAM	15	0	17.65	17.74	17.58		
3	64QAM	1	0	17.61	17.55	17.60		
3	64QAM	1	8	17.57	17.59	17.48	19	0
3	64QAM	1	14	17.58	17.69	17.59		
3	64QAM	8	0	17.71	17.78	17.72		
3	64QAM	8	4	17.58	17.61	17.74	19	0
3	64QAM	8	7	17.69	17.74	17.67		
3	64QAM	15	0	17.79	17.76	17.72		
3	256QAM	1	0	17.74	17.73	17.69		
3	256QAM	1	8	17.59	17.74	17.63	19	0
3	256QAM	1	14	17.66	17.74	17.62		
3	256QAM	8	0	17.64	17.75	17.66		
3	256QAM	8	4	17.64	17.61	17.65	19	0
3	256QAM	8	7	17.65	17.64	17.52		
3	256QAM	15	0	17.63	17.74	17.71		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.81	17.80	17.78		
1.4	QPSK	1	3	17.76	17.76	17.72		
1.4	QPSK	1	5	17.76	17.79	17.80	19	0
1.4	QPSK	3	0	17.78	17.77	17.72		
1.4	QPSK	3	1	17.70	17.71	17.68		
1.4	QPSK	3	3	17.67	17.71	17.62		
1.4	QPSK	6	0	17.67	17.74	17.70	19	0
1.4	16QAM	1	0	17.76	17.75	17.67		
1.4	16QAM	1	3	17.59	17.71	17.73		
1.4	16QAM	1	5	17.71	17.69	17.73	19	0
1.4	16QAM	3	0	17.70	17.70	17.62		
1.4	16QAM	3	1	17.65	17.69	17.63		
1.4	16QAM	3	3	17.68	17.62	17.64		
1.4	16QAM	6	0	17.74	17.82	17.61	19	0
1.4	64QAM	1	0	17.65	17.56	17.51		
1.4	64QAM	1	3	17.62	17.65	17.50		
1.4	64QAM	1	5	17.58	17.74	17.58	19	0
1.4	64QAM	3	0	17.67	17.71	17.63		
1.4	64QAM	3	1	17.62	17.69	17.73		
1.4	64QAM	3	3	17.70	17.65	17.59		
1.4	64QAM	6	0	17.70	17.78	17.71	19	0
1.4	256QAM	1	0	17.76	17.71	17.66		
1.4	256QAM	1	3	17.54	17.77	17.63		
1.4	256QAM	1	5	17.72	17.68	17.65	19	0
1.4	256QAM	3	0	17.73	17.79	17.65		
1.4	256QAM	3	1	17.60	17.58	17.64		
1.4	256QAM	3	3	17.61	17.69	17.46		
1.4	256QAM	6	0	17.58	17.69	17.66	19	0

Band 4 Ant4 ECI5

BW [MHz]	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	18.05	18.12	18.08		
20	QPSK	1	49	17.90	18.08	18.06	18.7	0
20	QPSK	1	99	17.93	18.05	18.02		
20	QPSK	50	0	17.98	18.09	18.02		
20	QPSK	50	24	17.82	18.01	17.94	18.7	0
20	QPSK	50	50	17.84	17.98	17.92		
20	QPSK	100	0	17.92	18.05	17.95		
20	16QAM	1	0	17.97	18.01	18.06		
20	16QAM	1	49	17.80	17.97	18.00	18.7	0
20	16QAM	1	99	17.80	17.98	17.83		
20	16QAM	50	0	17.93	18.05	18.00		
20	16QAM	50	24	17.77	17.92	17.87	18.7	0
20	16QAM	50	50	17.79	17.88	17.82		
20	16QAM	100	0	17.87	17.99	17.84		
20	64QAM	1	0	17.94	18.00	18.00		
20	64QAM	1	49	17.96	17.97	17.97	18.7	0
20	64QAM	1	99	17.90	17.96	17.92		
20	64QAM	50	0	17.93	17.98	17.98		
20	64QAM	50	24	17.71	17.97	17.80	18.7	0
20	64QAM	50	50	17.73	17.88	17.86		
20	64QAM	100	0	17.93	17.92	17.91		
20	256QAM	1	0	17.96	18.00	18.04		
20	256QAM	1	49	17.80	17.96	17.93	18.7	0
20	256QAM	1	99	17.96	17.95	17.86		
20	256QAM	50	0	17.91	18.07	17.88		
20	256QAM	50	24	17.70	17.88	17.82	18.7	0
20	256QAM	50	50	17.74	17.84	17.84		
20	256QAM	100	0	17.84	18.02	17.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.91	18.08	18.03		
15	QPSK	1	37	17.94	18.04	17.93	18.7	0
15	QPSK	1	74	17.97	17.97	17.91		
15	QPSK	36	0	17.95	18.04	18.00		
15	QPSK	36	20	17.74	17.88	17.88	18.7	0
15	QPSK	36	39	17.76	17.85	17.82		
15	QPSK	75	0	17.93	17.92	17.81		
15	16QAM	1	0	17.93	17.93	17.97		
15	16QAM	1	37	17.67	17.91	17.87	18.7	0
15	16QAM	1	74	17.69	17.85	17.73		
15	16QAM	36	0	17.79	17.94	17.97		
15	16QAM	36	20	17.68	17.86	17.78	18.7	0
15	16QAM	36	39	17.67	17.82	17.79		
15	16QAM	75	0	17.76	17.91	17.76		
15	64QAM	1	0	17.93	17.90	17.92		
15	64QAM	1	37	17.77	17.90	17.94	18.7	0
15	64QAM	1	74	17.76	17.87	17.79		
15	64QAM	36	0	17.89	17.86	17.94		
15	64QAM	36	20	17.77	17.70	17.70	18.7	0
15	64QAM	36	39	17.70	17.77	17.83		
15	64QAM	75	0	17.81	17.85	17.88		
15	256QAM	1	0	17.92	17.89	17.93		
15	256QAM	1	37	17.88	17.81	17.81	18.7	0
15	256QAM	1	74	17.73	17.92	17.81		
15	256QAM	36	0	17.85	18.04	17.79		
15	256QAM	36	20	17.63	17.94	17.73	18.7	0
15	256QAM	36	39	17.77	17.77	17.81		
15	256QAM	75	0	17.77	17.89	17.83		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.82	17.93	17.97		
10	QPSK	1	25	17.81	17.95	17.95	18.7	0
10	QPSK	1	49	17.87	17.91	17.91		
10	QPSK	25	0	17.85	18.06	17.89		
10	QPSK	25	12	17.76	17.91	17.88	18.7	0
10	QPSK	25	25	17.77	17.91	17.89		
10	QPSK	50	0	17.85	17.92	17.82		
10	16QAM	1	0	17.88	17.93	18.00		
10	16QAM	1	25	17.72	17.93	17.97	18.7	0
10	16QAM	1	49	17.73	17.94	17.74		
10	16QAM	25	0	17.81	17.97	17.91		
10	16QAM	25	12	17.71	17.81	17.80	18.7	0
10	16QAM	25	25	17.73	17.80	17.73		
10	16QAM	50	0	17.93	17.93	17.75		
10	64QAM	1	0	17.93	17.87	17.87		
10	64QAM	1	25	17.75	17.88	17.94	18.7	0
10	64QAM	1	49	17.80	17.90	17.86		
10	64QAM	25	0	17.84	17.86	17.85		
10	64QAM	25	12	17.75	17.95	17.77	18.7	0
10	64QAM	25	25	17.65	17.76	17.73		
10	64QAM	50	0	17.85	17.88	17.81		
10	256QAM	1	0	17.96	17.96	17.95		
10	256QAM	1	25	17.73	17.91	17.86	18.7	0
10	256QAM	1	49	17.78	17.82	17.73		
10	256QAM	25	0	17.84	18.04	17.81		
10	256QAM	25	12	17.74	17.84	17.74	18.7	0
10	256QAM	25	25	17.65	17.80	17.80		
10	256QAM	50	0	17.75	17.99	17.76		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.02	18.03	17.96		
5	QPSK	1	12	17.87	17.96	17.95	18.7	0
5	QPSK	1	24	17.81	17.88	17.92		
5	QPSK	12	0	17.90	18.07	17.92		
5	QPSK	12	7	17.73	17.92	17.91	18.7	0
5	QPSK	12	13	17.76	17.96	17.80		
5	QPSK	25	0	17.91	17.92	17.88		
5	16QAM	1	0	17.84	17.89	17.99		
5	16QAM	1	12	17.74	17.93	17.97	18.7	0
5	16QAM	1	24	17.70	17.87	17.71		
5	16QAM	12	0	17.83	17.99	17.89		
5	16QAM	12	7	17.70	17.84	17.79	18.7	0
5	16QAM	12	13	17.69	17.85	17.77		
5	16QAM	25	0	17.75	17.96	17.81		
5	64QAM	1	0	17.84	17.93	17.94		
5	64QAM	1	12	17.77	17.91	17.84	18.7	0
5	64QAM	1	24	17.80	17.93	17.81		
5	64QAM	12	0	17.82	17.95	17.91		
5	64QAM	12	7	17.75	17.93	17.74	18.7	0
5	64QAM	12	13	17.69	17.78	17.79		
5	64QAM	25	0	17.85	17.85	17.86		
5	256QAM	1	0	17.87	17.98	18.01		
5	256QAM	1	12	17.71	17.89	17.86	18.7	0
5	256QAM	1	24	17.79	17.91	17.81		
5	256QAM	12	0	17.87	17.96	17.79		
5	256QAM	12	7	17.63	17.85	17.75	18.7	0
5	256QAM	12	13	17.62	17.81	17.70		
5	256QAM	25	0	17.70	17.99	17.73		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.93	18.01	17.96		
3	QPSK	1	8	17.86	17.94	18.01	18.7	0
3	QPSK	1	14	17.85	17.91	17.94		
3	QPSK	8	0	17.88	18.00	17.97		
3	QPSK	8	4	17.70	17.94	17.82	18.7	0
3	QPSK	8	7	17.74	17.87	17.89		
3	QPSK	15	0	17.90	17.93	17.81		
3	16QAM	1	0	17.94	17.94	17.97		
3	16QAM	1	8	17.68	17.93	17.93	18.7	0
3	16QAM	1	14	17.77	17.94	17.71		
3	16QAM	8	0	17.87	18.03	17.93		
3	16QAM	8	4	17.68	17.84	17.73	18.7	0
3	16QAM	8	7	17.72	17.78	17.75		
3	16QAM	15	0	17.84	17.93	17.79		
3	64QAM	1	0	17.92	17.95	17.89		
3	64QAM	1	8	17.77	17.85	17.94	18.7	0
3	64QAM	1	14	17.85	17.88	17.80		
3	64QAM	8	0	17.90	17.91	17.93		
3	64QAM	8	4	17.65	17.86	17.76	18.7	0
3	64QAM	8	7	17.75	17.75	17.82		
3	64QAM	15	0	17.80	17.86	17.87		
3	256QAM	1	0	17.91	17.94	17.96		
3	256QAM	1	8	17.75	17.88	17.86	18.7	0
3	256QAM	1	14	17.77	17.81	17.75		
3	256QAM	8	0	17.87	18.02	17.80		
3	256QAM	8	4	17.67	17.76	17.68	18.7	0
3	256QAM	8	7	17.64	17.71	17.78		
3	256QAM	15	0	17.81	17.97	17.78		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.00	18.10	17.98		
1.4	QPSK	1	3	17.81	17.94	17.94	18.7	0
1.4	QPSK	1	5	17.93	17.93	17.83		
1.4	QPSK	3	0	17.89	18.01	17.95		
1.4	QPSK	3	1	17.77	17.96	17.81		
1.4	QPSK	3	3	17.75	17.92	17.90		
1.4	QPSK	6	0	17.84	18.00	17.84	18.7	0
1.4	16QAM	1	0	17.89	17.91	17.97		
1.4	16QAM	1	3	17.72	17.89	17.93	18.7	0
1.4	16QAM	1	5	17.74	17.95	17.77		
1.4	16QAM	3	0	17.86	17.91	17.86		
1.4	16QAM	3	1	17.72	17.86	17.75		
1.4	16QAM	3	3	17.76	17.77	17.68		
1.4	16QAM	6	0	17.82	17.92	17.76	18.7	0
1.4	64QAM	1	0	17.91	17.94	17.97		
1.4	64QAM	1	3	17.74	17.85	17.86	18.7	0
1.4	64QAM	1	5	17.76	17.87	17.82		
1.4	64QAM	3	0	17.90	17.87	17.85		
1.4	64QAM	3	1	17.65	17.85	17.76	18.7	0
1.4	64QAM	3	3	17.68	17.79	17.83		
1.4	64QAM	6	0	17.90	17.80	17.78	18.7	0
1.4	256QAM	1	0	17.83	17.94	18.00		
1.4	256QAM	1	3	17.67	17.89	17.82	18.7	0
1.4	256QAM	1	5	17.88	17.97	17.86		
1.4	256QAM	3	0	17.88	17.99	17.86		
1.4	256QAM	3	1	17.66	17.79	17.75		
1.4	256QAM	3	3	17.58	17.82	17.80		
1.4	256QAM	6	0	17.71	17.95	17.81	18.7	0

Band 7 Ant4 ECI5

BW [MHz]	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	16.60	16.72	16.65		
20	QPSK	1	49	16.53	16.59	16.50	17.2	0
20	QPSK	1	99	16.57	16.56	16.40		
20	QPSK	50	0	16.46	16.69	16.52		
20	QPSK	50	24	16.49	16.54	16.50	17.2	0
20	QPSK	50	50	16.45	16.55	16.29		
20	QPSK	100	0	16.54	16.56	16.47		
20	16QAM	1	0	16.51	16.52	16.54		
20	16QAM	1	49	16.33	16.50	16.52	17.2	0
20	16QAM	1	99	16.42	16.67	16.27		
20	16QAM	50	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.04	17.07	17.01	17.7	0
20	QPSK	1	49	16.95	16.97	17.03		
20	QPSK	1	99	16.96	16.94	16.86		
20	QPSK	50	0	16.88	16.94	16.91	17.7	0
20	QPSK	50	24	16.91	16.95	16.90		
20	QPSK	50	50	16.84	16.96	16.80		
20	QPSK	100	0	16.96	16.92	16.96		
20	16QAM	1	0	16.90	16.94	16.95	17.7	0
20	16QAM	1	49	16.91	16.90	16.82		
20	16QAM	1	99	16.78	16.95	16.82		
20	16QAM	50	0	16.92	16.96	16.79	17.7	0
20	16QAM	50	24	16.75	16.81	16.87		
20	16QAM	50	50	16.72	16.89	16.73		
20	16QAM	100	0	16.76	16.76	16.86		
20	64QAM	1	0	16.91	17.03	16.94	17.7	0
20	64QAM	1	49	16.93	17.01	16.86		
20	64QAM	1	99	16.87	16.92	16.82		
20	64QAM	50	0	16.77	16.82	16.84	17.7	0
20	64QAM	50	24	16.84	16.82	16.81		
20	64QAM	50	50	16.78	16.86	16.73		
20	64QAM	100	0	16.79	16.84	16.94		
20	256QAM	1	0	16.90	17.00	16.91	17.7	0
20	256QAM	1	49	16.93	16.98	16.85		
20	256QAM	1	99	16.91	16.90	16.80		
20	256QAM	50	0	16.88	16.93	16.83	17.7	0
20	256QAM	50	24	16.87	16.85	16.82		
20	256QAM	50	50	16.77	16.81	16.71		
20	256QAM	100	0	16.80	16.93	16.95		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.96	16.94	16.90	17.7	0
15	QPSK	1	37	16.85	16.84	16.97		
15	QPSK	1	74	16.83	16.80	16.81		
15	QPSK	36	0	16.85	16.82	16.79	17.7	0
15	QPSK	36	20	16.80	16.87	16.82		
15	QPSK	36	39	16.77	16.82	16.67		
15	QPSK	75	0	16.87	16.83	16.90		
15	16QAM	1	0	16.84	16.89	16.89	17.7	0
15	16QAM	1	37	16.85	16.87	16.70		
15	16QAM	1	74	16.72	16.90	16.70		
15	16QAM	36	0	16.82	16.84	16.68	17.7	0
15	16QAM	36	20	16.70	16.70	16.81		
15	16QAM	36	39	16.65	16.80	16.66		
15	16QAM	75	0	16.72	16.63	16.73		
15	64QAM	1	0	16.86	16.99	16.87	17.7	0
15	64QAM	1	37	16.82	16.91	16.76		
15	64QAM	1	74	16.83	16.81	16.71		
15	64QAM	36	0	16.75	16.79	16.73	17.7	0
15	64QAM	36	20	16.74	16.73	16.77		
15	64QAM	36	39	16.73	16.79	16.67		
15	64QAM	75	0	16.73	16.76	16.83		
15	256QAM	1	0	16.85	16.90	16.81	17.7	0
15	256QAM	1	37	16.84	16.85	16.71		
15	256QAM	1	74	16.85	16.86	16.76		
15	256QAM	36	0	16.76	16.82	16.80	17.7	0
15	256QAM	36	20	16.79	16.75	16.79		
15	256QAM	36	39	16.67	16.71	16.61		
15	256QAM	75	0	16.77	16.85	16.92		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.99	16.94	16.97	17.7	0
10	QPSK	1	25	16.82	16.93	16.98		
10	QPSK	1	49	16.91	16.91	16.72		
10	QPSK	25	0	16.78	16.88	16.85	17.7	0
10	QPSK	25	12	16.88	16.90	16.82		
10	QPSK	25	25	16.72	16.88	16.73		
10	QPSK	50	0	16.84	16.86	16.88		
10	16QAM	1	0	16.84	16.88	16.90	17.7	0
10	16QAM	1	25	16.85	16.80	16.68		
10	16QAM	1	49	16.70	16.91	16.77		
10	16QAM	25	0	16.83	16.89	16.69	17.7	0
10	16QAM	25	12	16.62	16.74	16.76		
10	16QAM	25	25	16.63	16.76	16.69		
10	16QAM	50	0	16.63	16.71	16.81		
10	64QAM	1	0	16.78	16.93	16.86	17.7	0
10	64QAM	1	25	16.79	16.95	16.76		
10	64QAM	1	49	16.78	16.78	16.78		
10	64QAM	25	0	16.66	16.78	16.81	17.7	0
10	64QAM	25	12	16.79	16.73	16.77		
10	64QAM	25	25	16.66	16.73	16.61		
10	64QAM	50	0	16.67	16.75	16.84		
10	256QAM	1	0	16.87	16.92	16.81	17.7	0
10	256QAM	1	25	16.85	16.85	16.83		
10	256QAM	1	49	16.84	16.87	16.76		
10	256QAM	25	0	16.84	16.88	16.77	17.7	0
10	256QAM	25	12	16.82	16.79	16.77		
10	256QAM	25	25	16.71	16.69	16.67		
10	256QAM	50	0	16.76	16.87	16.92		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.95	16.97	16.98	17.7	0
5	QPSK	1	12	16.90	16.93	16.91		
5	QPSK	1	24	16.89	16.89	16.81		
5	QPSK	12	0	16.79	16.88	16.81	17.7	0
5	QPSK	12	7	16.88	16.82	16.82		
5	QPSK	12	13	16.79	16.87	16.77		
5	QPSK	25	0	16.83	16.83	16.89		
5	16QAM	1	0	16.87	16.82	16.83	17.7	0
5	16QAM	1	12	16.87	16.80	16.71		
5	16QAM	1	24	16.64	16.85	16.72		
5	16QAM	12	0	16.84	16.93	16.70	17.7	0
5	16QAM	12	7	16.61	16.71	16.83		
5	16QAM	12	13	16.61	16.87	16.61		
5	16QAM	25	0	16.68	16.69	16.78		
5	64QAM	1	0	16.80	16.98	16.91	17.7	0
5	64QAM	1	12	16.87	16.89	16.83		
5	64QAM	1	24	16.83	16.87	16.70		
5	64QAM	12	0	16.67	16.72	16.80	17.7	0
5	64QAM	12	7	16.77	16.77	16.76		
5	64QAM	12	13	16.72	16.77	16.62		
5	64QAM	25	0	16.72	16.81	16.90		
5	256QAM	1	0	16.84	16.87	16.84	17.7	0
5	256QAM	1	12	16.84	16.89	16.83		
5	256QAM	1	24	16.83	16.80	16.76		
5	256QAM	12	0	16.74	16.86	16.80	17.7	0
5	256QAM	12	7	16.81	16.76	16.70		
5	256QAM	12	13	16.63	16.77	16.66		
5	256QAM	25	0	16.74	16.81	16.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.98	17.11	17.18	17.12	17.05	17.7	0
20	QPSK	1	49	16.86	17.07	17.09	17.05	16.93		
20	QPSK	1	99	16.93	17.05	17.09	17.04	16.90		
20	QPSK	50	0	16.91	17.13	17.17	17.01	16.94	17.7	0
20	QPSK	50	24	16.77	16.91	16.96	16.93	16.97		
20	QPSK	50	50	16.81	16.96	17.00	16.92	16.94		
20	QPSK	100	0	16.90	17.01	17.13	17.02	16.96		
20	16QAM	1	0	16.90	17.12	17.00	16.97	16.86	17.7	0
20	16QAM	1	49	16.76	17.05	17.01	16.98	16.88		
20	16QAM	1	99	16.79	17.03	16.99	16.96	16.84		
20	16QAM	50	0	16.76	17.10	17.04	17.03	16.78	17.7	0
20	16QAM	50	24	16.66	16.94	16.93	16.88	16.88		
20	16QAM	50	50	16.79	16.93	16.90	16.91	16.79		
20	16QAM	100	0	16.82	16.96	16.99	16.95	16.94		
20	64QAM	1	0	16.91	17.06	17.07	17.05	17.02	17.7	0
20	64QAM	1	49	16.78	17.00	16.93	16.92	16.81		
20	64QAM	1	99	16.86	16.97	17.10	16.95	16.84		
20	64QAM	50	0	16.88	17.03	16.99	16.99	16.73	17.7	0
20	64QAM	50	24	16.61	16.81	16.89	16.99	16.88		
20	64QAM	50	50	16.79	17.00	16.91	16.79	16.86		
20	64QAM	100	0	16.92	16.93	17.04	16.95	16.84		
20	256QAM	1	0	16.89	17.05	17.08	16.96	16.97	17.7	0
20	256QAM	1	49	16.77	16.98	16.93	17.01	16.82		
20	256QAM	1	99	16.77	17.03	16.93	16.99	16.93		
20	256QAM	50	0	16.86	17.01	16.99	16.93	16.82	17.7	0
20	256QAM	50	24	16.66	16.86	16.83	16.94	16.74		
20	256QAM	50	50	16.77	16.84	16.89	16.85	16.85		
20	256QAM	100	0	16.85	16.98	17.03	16.91	16.84		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.96	17.04	17.12	17.02	16.95	17.70	0
15	QPSK	1	37	16.82	17.04	17.01	16.97	16.83		
15	QPSK	1	74	16.89	17.02	17.05	17.02	16.87		
15	QPSK	36	0	16.78	17.02	17.07	16.88	16.85	17.7	0
15	QPSK	36	20	16.68	16.82	16.92	16.84	16.84		
15	QPSK	36	39	16.71	16.91	16.89	16.82	16.81		
15	QPSK	75	0	16.79	16.97	17.01	16.97	16.85		
15	16QAM	1	0	16.85	17.05	16.96	16.84	16.76	17.7	0
15	16QAM	1	37	16.65	16.99	16.87	16.93	16.76		
15	16QAM	1	74	16.74	16.99	16.96	16.84	16.81		
15	16QAM	36	0	16.74	17.03	16.97	16.89	16.66	17.7	0
15	16QAM	36	20	16.57	16.86	16.81	16.78	16.76		
15	16QAM	36	39	16.71	16.85	16.80	16.85	16.66		
15	16QAM	75	0	16.80	16.89	16.94	16.87	16.85		
15	64QAM	1	0	16.88	16.93	16.93	16.97	16.88	17.7	0
15	64QAM	1	37	16.76	16.91	16.88	16.83	16.71		
15	64QAM	1	74	16.73	16.89	17.05	16.87	16.80		
15	64QAM	36	0	16.83	16.89	16.95	16.96	16.63	17.7	0
15	64QAM	36	20	16.48	16.69	16.82	16.87	16.78		
15	64QAM	36	39	16.68	16.97	16.89	16.73	16.81		
15	64QAM	75	0	16.84	16.79	16.92	16.81	16.75		
15	256QAM	1	0	16.83	16.93	17.04	16.83	16.83	17.7	0
15	256QAM	1	37	16.69	16.94	16.83	16.94	16.69		
15	256QAM	1	74	16.69	16.95	16.79	16.96	16.84		
15	256QAM	36	0	16.83	16.98	16.89	16.84	16.77	17.7	0
15	256QAM	36	20	16.62	16.75	16.73	16.84	16.63		
15	256QAM	36	39	16.73	16.73	16.87	16.77	16.74		
15	256QAM	75	0	16.73	16.87	16.95	16.78	16.71		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.89	17.08	17.15	16.99	17.01	17.70	0
10	QPSK	1	25	16.79	16.96	16.97	17.00	16.84		
10	QPSK	1	49	16.86	16.98	16.96	17.02	16.80		
10	QPSK	25	0	16.81	17.08	17.14	16.95	16.85	17.7	0
10	QPSK	25	12	16.67	16.80	16.89	16.82	16.90		
10	QPSK	25	25	16.73	16.84	16.95	16.88	16.82		
10	QPSK	50	0	16.83	16.91	16.99	16.98	16.87		
10	16QAM	1	0	16.85	17.00	16.95	16.85	16.74	17.7	0
10	16QAM	1	25	16.70	16.97	16.92	16.91	16.76		
10	16QAM	1	49	16.74	16.96	16.92	16.82	16.75		
10	16QAM	25	0	16.72	16.97	16.96	16.95	16.69	17.7	0
10	16QAM	25	12	16.54	16.85	16.89	16.83	16.77		
10	16QAM	25	25	16.70	16.84	16.79	16.77	16.66		
10	16QAM	50	0	16.78	16.87	16.97	16.82	16.83		
10	64QAM	1	0	16.86	16.97	16.94	16.91	16.89	17.7	0
10	64QAM	1	25	16.66	16.93	16.81	16.89	16.72		
10	64QAM	1	49	16.83	16.94	17.01	16.81	16.80		
10	64QAM	25	0	16.80	17.00	16.95	16.97	16.70	17.7	0
10	64QAM	25	12	16.57	16.69	16.84	16.91	16.75		
10	64QAM	25	25	16.70	16.87	16.86	16.72	16.77		
10	64QAM	50	0	16.85	16.90	16.97	16.82	16.70		
10	256QAM	1	0	16.85	17.03	17.00	16.87	16.84	17.7	0
10	256QAM	1	25	16.67	16.88	16.79	16.93	16.73		
10	256QAM	1	49	16.74	16.99	16.82	16.95	16.90		
10	256QAM	25	0	16.83	16.90	16.89	16.83	16.79	17.7	0
10	256QAM	25	12	16.55	16.84	16.72	16.91	16.63		
10	256QAM	25	25	16.63	16.75	16.84	16.83	16.78		
10	256QAM	50	0	16.77	16.89	16.97	16.80	16.73		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.94	17.09	17.08	17.01	16.92	17.70	0
5	QPSK	1	12	16.80	16.94	17.01	16.94	16.82		
5	QPSK	1	24	16.85	16.93	16.99	17.02	16.80		
5	QPSK	12	0	16.82	17.03	17.15	16.88	16.80	17.7	0
5	QPSK	12	7	16.66	16.87	16.84	16.86	16.91		
5	QPSK	12	13	16.75	16.88	16.87	16.85	16.87		
5	QPSK	25	0	16.84	16.97	17.00	16.93	16.90		
5	16QAM	1	0	16.84	17.05	16.97	16.91	16.77	17.7	0
5	16QAM	1	12	16.73	16.95	16.94	16.94	16.82		
5	16QAM	1	24	16.73	16.90	16.86	16.90	16.80		
5	16QAM	12	0	16.68	17.02	16.92	16.89	16.65	17.7	0
5	16QAM	12	7	16.58	16.87	16.81	16.78	16.80		
5	16QAM	12	13	16.70	16.82	16.80	16.81	16.74		
5	16QAM	25	0	16.70	16.88	16.89	16.88	16.90		
5	64QAM	1	0	16.84	16.96	16.97	16.98	16.94	17.7	0
5	64QAM	1	12	16.74	16.94	16.86	16.83	16.76		
5	64QAM	1	24	16.73	16.94	16.97	16.81	16.73		
5	64QAM	12	0	16.82	16.97	16.85	16.88	16.66	17.7	0
5	64QAM	12	7	16.55	16.70	16.81	16.90	16.86		
5	64QAM	12	13	16.75	16.98	16.79	16.75	16.81		
5	64QAM	25	0	16.82	16.82	16.97	16.88	16.82		
5	256QAM	1	0	16.87	16.95	16.98	16.93	16.91	17.7	0
5	256QAM	1	12	16.74	16.89	16.87	16.92	16.74		
5	256QAM	1	24	16.71	17.00	16.85	16.97	16.85		
5	256QAM	12	0	16.76	16.94	16.94	16.81	16.75	17.7	0
5	256QAM	12	7	16.56	16.73	16.78	16.91	16.68		
5	256QAM	12	13	16.67	16.71	16.83	16.74	16.77		
5	256QAM	25	0	16.80	16.91	17.00	16.85	16.77		

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BW [MHz]	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	17.87	17.94	17.82		
20	QPSK	1	49	17.69	17.88	17.65	19.5	0
20	QPSK	1	99	17.76	17.79	17.73		
20	QPSK	50	0	17.76	17.87	17.77		
20	QPSK	50	24	17.62	17.82	17.64	19.5	0
20	QPSK	50	50	17.64	17.80	17.70		
20	QPSK	100	0	17.80	17.91	17.80		
20	16QAM	1	0	17.65	17.72	17.77		
20	16QAM	1	49	17.63	17.70	17.66	19.5	0
20	16QAM	1	99	17.73	17.74	17.63		
20	16QAM	50	0	17.58	17.79	17.62		
20	16QAM	50	24	17.45	17.78	17.50	19.5	0
20	16QAM	50	50	17.55	17.61	17.52		
20	16QAM	100	0	17.66	17.67	17.78		
20	64QAM	1	0	17.70	17.92	17.77		
20	64QAM	1	49	17.63	17.82	17.56	19.5	0
20	64QAM	1	99	17.60	17.81	17.62		
20	64QAM	50	0	17.74	17.79	17.65		
20	64QAM	50	24	17.46	17.84	17.41	19.5	0
20	64QAM	50	50	17.56	17.62	17.61		
20	64QAM	100	0	17.65	17.66	17.79		
20	256QAM	1	0	17.36	17.38	17.37		
20	256QAM	1	49	17.27	17.36	17.17	19	0.5
20	256QAM	1	99	17.25	17.27	17.21		
20	256QAM	50	0	17.31	17.39	17.24		
20	256QAM	50	24	17.14	17.35	17.05	19	0.5
20	256QAM	50	50	17.12	17.27	17.12		
20	256QAM	100	0	17.24	17.36	17.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.82	17.82	17.78		
15	QPSK	1	37	17.65	17.77	17.54	19.5	0
15	QPSK	1	74	17.73	17.71	17.64		
15	QPSK	36	0	17.73	17.78	17.75		
15	QPSK	36	20	17.49	17.76	17.50	19.5	0
15	QPSK	36	39	17.52	17.75	17.64		
15	QPSK	75	0	17.70	17.78	17.69		
15	16QAM	1	0	17.56	17.64	17.64		
15	16QAM	1	37	17.50	17.66	17.58	19.5	0
15	16QAM	1	74	17.71	17.54	17.60		
15	16QAM	36	0	17.48	17.73	17.54		
15	16QAM	36	20	17.39	17.75	17.48	19.5	0
15	16QAM	36	39	17.51	17.52	17.44		
15	16QAM	75	0	17.63	17.69	17.68		
15	64QAM	1	0	17.68	17.69	17.64		
15	64QAM	1	37	17.57	17.71	17.42	19.5	0
15	64QAM	1	74	17.49	17.68	17.50		
15	64QAM	36	0	17.71	17.75	17.52		
15	64QAM	36	20	17.35	17.78	17.37	19.5	0
15	64QAM	36	39	17.46	17.59	17.49		
15	64QAM	75	0	17.63	17.56	17.65		
15	256QAM	1	0	17.29	17.36	17.27		
15	256QAM	1	37	17.24	17.28	17.14	19	0.5
15	256QAM	1	74	17.21	17.20	17.18		
15	256QAM	36	0	17.27	17.37	17.20		
15	256QAM	36	20	17.08	17.31	17.01	19	0.5
15	256QAM	36	39	17.09	17.20	16.99		
15	256QAM	75	0	17.15	17.23	17.25		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.84	17.81	17.78		
10	QPSK	1	25	17.56	17.77	17.51	19.5	0
10	QPSK	1	49	17.72	17.71	17.64		
10	QPSK	25	0	17.69	17.82	17.72		
10	QPSK	25	12	17.52	17.77	17.52	19.5	0
10	QPSK	25	25	17.58	17.70	17.62		
10	QPSK	50	0	17.68	17.79	17.66		
10	16QAM	1	0	17.56	17.60	17.74		
10	16QAM	1	25	17.51	17.65	17.57	19.5	0
10	16QAM	1	49	17.71	17.65	17.50		
10	16QAM	25	0	17.50	17.69	17.49		
10	16QAM	25	12	17.35	17.74	17.41	19.5	0
10	16QAM	25	25	17.44	17.51	17.49		
10	16QAM	50	0	17.60	17.58	17.69		
10	64QAM	1	0	17.63	17.75	17.71		
10	64QAM	1	25	17.52	17.75	17.47	19.5	0
10	64QAM	1	49	17.54	17.72	17.51		
10	64QAM	25	0	17.69	17.72	17.56		
10	64QAM	25	12	17.39	17.72	17.34	19.5	0
10	64QAM	25	25	17.45	17.59	17.54		
10	64QAM	50	0	17.61	17.58	17.73		
10	256QAM	1	0	17.30	17.37	17.23		
10	256QAM	1	25	17.21	17.27	17.05	19	0.5
10	256QAM	1	49	17.21	17.22	17.09		
10	256QAM	25	0	17.22	17.30	17.10		
10	256QAM	25	12	17.09	17.20	16.92	19	0.5
10	256QAM	25	25	17.05	17.19	17.00		
10	256QAM	50	0	17.12	17.33	17.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.78	17.87	17.76		
5	QPSK	1	12	17.66	17.85	17.55	19.5	0
5	QPSK	1	24	17.62	17.74	17.61		
5	QPSK	12	0	17.69	17.73	17.65		
5	QPSK	12	7	17.59	17.69	17.50	19.5	0
5	QPSK	12	13	17.58	17.75	17.59		
5	QPSK	25	0	17.68	17.73	17.75		
5	16QAM	1	0	17.59	17.64	17.70		
5	16QAM	1	12	17.56	17.65	17.62	19.5	0
5	16QAM	1	24	17.60	17.62	17.52		
5	16QAM	12	0	17.47	17.65	17.51		
5	16QAM	12	7	17.36	17.75	17.45	19.5	0
5	16QAM	12	13	17.47	17.74	17.39		
5	16QAM	25	0	17.54	17.62	17.65		
5	64QAM	1	0	17.58	17.74	17.65		
5	64QAM	1	12	17.51	17.76	17.49	19.5	0
5	64QAM	1	24	17.53	17.74	17.48		
5	64QAM	12	0	17.65	17.76	17.54		
5	64QAM	12	7	17.36	17.72	17.31	19.5	0
5	64QAM	12	13	17.52	17.53	17.53		
5	64QAM	25	0	17.55	17.57	17.69		
5	256QAM	1	0	17.33	17.27	17.30		
5	256QAM	1	12	17.17	17.28	17.13	19	0.5
5	256QAM	1	24	17.16	17.19	17.10		
5	256QAM	12	0	17.27	17.26	17.20		
5	256QAM	12	7	17.01	17.32	16.94	19	0.5
5	256QAM	12	13	17.03	17.17	17.08		
5	256QAM	25	0	17.22	17.32	17.26		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.74	17.87	17.74		
3	QPSK	1	8	17.64	17.80	17.59	19.5	0
3	QPSK	1	14	17.67	17.72	17.62		
3	QPSK	8	0	17.65	17.75	17.75		
3	QPSK	8	4	17.52	17.77	17.56	19.5	0
3	QPSK	8	7	17.56	17.75	17.63		
3	QPSK	15	0	17.70	17.70	17.67		
3	16QAM	1	0	17.57	17.74	17.70		
3	16QAM	1	8	17.59	17.66	17.63	19.5	0
3	16QAM	1	14	17.65	17.63	17.60		
3	16QAM	8	0	17.49	17.72	17.54		
3	16QAM	8	4	17.35	17.70	17.39	19.5	0
3	16QAM	8	7	17.44	17.47	17.50		
3	16QAM	15	0	17.55	17.54	17.68		
3	64QAM	1	0	17.63	17.78	17.66		
3	64QAM	1	8	17.57	17.75	17.49	19.5	0
3	64QAM	1	14	17.47	17.70	17.57		
3	64QAM	8	0	17.63	17.72	17.54		
3	64QAM	8	4	17.35	17.77	17.38	19.5	0
3	64QAM	8	7	17.51	17.58	17.58		
3	64QAM	15	0	17.52	17.56	17.76		
3	256QAM	1	0	17.30	17.33	17.29		
3	256QAM	1	8	17.17	17.25	17.06	19	0.5
3	256QAM	1	14	17.19	17.21	17.09		
3	256QAM	8	0	17.20	17.34	17.20		
3	256QAM	8	4	17.05	17.24	16.93	19	0.5
3	256QAM	8	7	17.07	17.20	17.02		
3	256QAM	15	0	17.26	17.31	17.30		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.79	17.83	17.75		
1.4	QPSK	1	3	17.65	17.81	17.59		
1.4	QPSK	1	5	17.63	17.67	17.62	19.5	0
1.4	QPSK	3	0	17.62	17.85	17.65		
1.4	QPSK	3	1	17.57	17.80	17.62		
1.4	QPSK	3	3	17.58	17.74	17.62		
1.4	QPSK	6	0	17.71	17.75	17.73	19.5	0
1.4	16QAM	1	0	17.62	17.62	17.73		
1.4	16QAM	1	3	17.58	17.57	17.55		
1.4	16QAM	1	5	17.61	17.70	17.54	19.5	0
1.4	16QAM	3	0	17.48	17.65	17.48		
1.4	16QAM	3	1	17.43	17.68	17.47		
1.4	16QAM	3	3	17.41	17.55	17.48		
1.4	16QAM	6	0	17.62	17.59	17.65	19.5	0
1.4	64QAM	1	0	17.64	17.68	17.68		
1.4	64QAM	1	3	17.55	17.68	17.48		
1.4	64QAM	1	5	17.48	17.76	17.51	19.5	0
1.4	64QAM	3	0	17.65	17.75	17.58		
1.4	64QAM	3	1	17.36	17.77	17.39		
1.4	64QAM	3	3	17.48	17.50	17.59		
1.4	64QAM	6	0	17.56	17.61	17.66	19.5	0
1.4	256QAM	1	0	17.28	17.28	17.29		
1.4	256QAM	1	3	17.16	17.25	17.05		
1.4	256QAM	1	5	17.16	17.21	17.12	19	0.5
1.4	256QAM	3	0	17.22	17.35	17.15		
1.4	256QAM	3	1	17.05	17.26	16.94		
1.4	256QAM	3	3	17.00	17.24	17.07		
1.4	256QAM	6	0	17.12	17.33	17.29	19	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.51	19.56	19.50		
20	QPSK	1	49	19.45	19.50	19.42	21	0
20	QPSK	1	99	19.38	19.45	19.40		
20	QPSK	50	0	19.46	19.49	19.40		
20	QPSK	50	24	19.42	19.47	19.37	21	0
20	QPSK	50	50	19.31	19.31	19.34		
20	QPSK	100	0	19.37	19.46	19.39		
20	16QAM	1	0	19.39	19.46	19.37		
20	16QAM	1	49	19.31	19.40	19.36	21	0
20	16QAM	1	99	19.36	19.40	19.41		
20	16QAM	50	0	19.33	19.44	19.42		
20	16QAM	50	24	19.36	19.45	19.37	21	0
20	16QAM	50	50	19.32	19.38	19.43		
20	16QAM	100	0	19.34	19.43	19.34		
20	64QAM	1	0	19.26	19.41	19.24		
20	64QAM	1	49	19.22	19.21	19.28	21	0
20	64QAM	1	99	19.30	19.32	19.26		
20	64QAM	50	0	19.39	19.48	19.37		
20	64QAM	50	24	19.43	19.48	19.36	21	0
20	64QAM	50	50	19.26	19.34	19.40		
20	64QAM	100	0	19.42	19.44	19.34		
20	256QAM	1	0	17.96	18.04	17.95		
20	256QAM	1	49	17.96	18.01	17.87	19.5	1.5
20	256QAM	1	99	17.84	17.90	17.95		
20	256QAM	50	0	17.90	18.04	17.86		
20	256QAM	50	24	17.94	17.94	17.82	19.5	1.5
20	256QAM	50	50	17.83	17.94	17.96		
20	256QAM	100	0	17.83	17.94	17.90		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.39	19.46	19.47		
15	QPSK	1	37	19.34	19.36	19.35	21	0
15	QPSK	1	74	19.32	19.38	19.39		
15	QPSK	36	0	19.33	19.45	19.28		
15	QPSK	36	20	19.28	19.36	19.25	21	0
15	QPSK	36	39	19.27	19.31	19.22		
15	QPSK	75	0	19.33	19.42	19.34		
15	16QAM	1	0	19.35	19.34	19.29	21	0
15	16QAM	1	37	19.26	19.35	19.23		
15	16QAM	1	74	19.33	19.35	19.29		
15	16QAM	36	0	19.32	19.33	19.30		
15	16QAM	36	20	19.34	19.32	19.23	21	0
15	16QAM	36	39	19.20	19.27	19.33		
15	16QAM	75	0	19.28	19.38	19.21		
15	64QAM	1	0	19.19	19.35	19.15		
15	64QAM	1	37	19.19	19.11	19.20	21	0
15	64QAM	1	74	19.22	19.19	19.20		
15	64QAM	36	0	19.27	19.44	19.34		
15	64QAM	36	20	19.19	19.25	19.25	21	0
15	64QAM	36	39	19.14	19.21	19.32		
15	64QAM	75	0	19.38	19.36	19.26		
15	256QAM	1	0	17.83	17.95	17.92		
15	256QAM	1	37	17.86	17.83	17.83	19.5	1.5
15	256QAM	1	74	17.75	17.79	17.83		
15	256QAM	36	0	17.78	17.97	17.77		
15	256QAM	36	20	17.86	17.84	17.76	19.5	1.5
15	256QAM	36	39	17.79	17.87	17.66		
15	256QAM	75	0	17.73	17.81	17.78		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.46	19.46	19.41		
10	QPSK	1	25	19.41	19.36	19.37	21	0
10	QPSK	1	49	19.24	19.37	19.38		
10	QPSK	25	0	19.41	19.36	19.31		
10	QPSK	25	12	19.35	19.35	19.32	21	0
10	QPSK	25	25	19.28	19.34	19.23		
10	QPSK	50	0	19.33	19.35	19.29		
10	16QAM	1	0	19.37	19.33	19.27		
10	16QAM	1	25	19.27	19.35	19.29	21	0
10	16QAM	1	49	19.26	19.28	19.28		
10	16QAM	25	0	19.34	19.37	19.39		
10	16QAM	25	12	19.29	19.41	19.28	21	0
10	16QAM	25	25	19.23	19.32	19.30		
10	16QAM	50	0	19.21	19.32	19.25		
10	64QAM	1	0	19.21	19.32	19.20		
10	64QAM	1	25	19.10	19.10	19.14	21	0
10	64QAM	1	49	19.28	19.26	19.13		
10	64QAM	25	0	19.26	19.37	19.31		
10	64QAM	25	12	19.41	19.38	19.29	21	0
10	64QAM	25	25	19.23	19.23	19.36		
10	64QAM	50	0	19.38	19.35	19.24		
10	256QAM	1	0	17.82	17.99	17.93		
10	256QAM	1	25	17.87	17.92	17.74	19.5	1.5
10	256QAM	1	49	17.77	17.80	17.88		
10	256QAM	25	0	17.79	17.94	17.79		
10	256QAM	25	12	17.80	17.87	17.79	19.5	1.5
10	256QAM	25	25	17.80	17.72	17.75		
10	256QAM	50	0	17.72	17.82	17.81		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.42	19.46	19.44		
5	QPSK	1	12	19.42	19.47	19.38	21	0
5	QPSK	1	24	19.30	19.39	19.39		
5	QPSK	12	0	19.40	19.45	19.28		
5	QPSK	12	7	19.36	19.38	19.26	21	0
5	QPSK	12	13	19.26	19.18	19.22		
5	QPSK	25	0	19.35	19.40	19.27		
5	16QAM	1	0	19.34	19.38	19.31		
5	16QAM	1	12	19.25	19.31	19.26	21	0
5	16QAM	1	24	19.24	19.36	19.37		
5	16QAM	12	0	19.25	19.40	19.32		
5	16QAM	12	7	19.23	19.43	19.29	21	0
5	16QAM	12	13	19.26	19.39	19.39		
5	16QAM	25	0	19.22	19.40	19.26		
5	64QAM	1	0	19.23	19.35	19.17		
5	64QAM	1	12	19.10	19.10	19.24	21	0
5	64QAM	1	24	19.24	19.30	19.22		
5	64QAM	12	0	19.34	19.38	19.26		
5	64QAM	12	7	19.34	19.43	19.24	21	0
5	64QAM	12	13	19.16	19.24	19.37		
5	64QAM	25	0	19.21	19.37	19.25		
5	256QAM	1	0	17.83	18.01	17.81		
5	256QAM	1	12	17.86	17.93	17.77	19.5	1.5
5	256QAM	1	24	17.72	17.83	17.93		
5	256QAM	12	0	17.90	17.92	17.74		
5	256QAM	12	7	17.87	17.90	17.69	19.5	1.5
5	256QAM	12	13	17.81	17.80	17.66		
5	256QAM	25	0	17.77	17.86	17.85		
Channel				20050	20175	20300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.44	19.42	19.44		
3	QPSK	1	8	19.41	19.41	19.40	21	0
3	QPSK	1	14	19.35	19.38	19.33		
3	QPSK	8	0	19.40	19.42	19.29		
3	QPSK	8	4	19.31	19.43	19.28	21	0
3	QPSK	8	7	19.28	19.23	19.27		
3	QPSK	15	0	19.26	19.33	19.27		
3	16QAM	1	0	19.31	19.44	19.32		
3	16QAM	1	8	19.25	19.33	19.26	21	0
3	16QAM	1	14	19.28	19.28	19.29		
3	16QAM	8	0	19.31	19.37	19.36		
3	16QAM	8	4	19.20	19.42	19.25	21	0
3	16QAM	8	7	19.24	19.29	19.35		
3	16QAM	15	0	19.23	19.41	19.24		
3	64QAM	1	0	19.20	19.31	19.19		
3	64QAM	1	8	19.11	19.11	19.17	21	0
3	64QAM	1	14	19.27	19.30	19.20		
3	64QAM	8	0	19.31	19.45	19.33		
3	64QAM	8	4	19.36	19.46	19.26	21	0
3	64QAM	8	7	19.18	19.31	19.34		
3	64QAM	15	0	19.34	19.32	19.21		
3	256QAM	1	0	17.86	17.99	17.84		
3	256QAM	1	8	17.89	17.96	17.80	19.5	1.5
3	256QAM	1	14	17.72	17.78	17.92		
3	256QAM	8	0	17.87	18.00	17.72		
3	256QAM	8	4	17.91	17.81	17.76	19.5	1.5
3	256QAM	8	7	17.81	17.81	17.70		
3	256QAM	15	0	17.77	17.90	17.78		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.45	19.48	19.37		
1.4	QPSK	1	3	19.42	19.43	19.32		
1.4	QPSK	1	5	19.34	19.35	19.34	21	0
1.4	QPSK	3	0	19.41	19.44	19.31		
1.4	QPSK	3	1	19.34	19.36	19.24		
1.4	QPSK	3	3	19.19	19.22	19.30		
1.4	QPSK	6	0	19.30	19.41	19.25	21	0
1.4	16QAM	1	0	19.32	19.43	19.26		
1.4	16QAM	1	3	19.29	19.33	19.29		
1.4	16QAM	1	5	19.26	19.32	19.38	21	0
1.4	16QAM	3	0	19.29	19.37	19.30		
1.4	16QAM	3	1	19.34	19.35	19.28		
1.4	16QAM	3	3	19.22	19.34	19.39		
1.4	16QAM	6	0	19.29	19.30	19.29	21	0
1.4	64QAM	1	0	19.21	19.28	19.21		
1.4	64QAM	1	3	19.13	19.13	19.25		
1.4	64QAM	1	5	19.24	19.29	19.23	21	0
1.4	64QAM	3	0	19.30	19.35	19.30		
1.4	64QAM	3	1	19.38	19.37	19.23		
1.4	64QAM	3	3	19.24	19.36	19.36		
1.4	64QAM	6	0	19.29	19.32	19.25	21	0
1.4	256QAM	1	0	17.89	17.97	17.92		
1.4	256QAM	1	3	17.84	17.87	17.83		
1.4	256QAM	1	5	17.74	17.79	17.85	20.5	0.5
1.4	256QAM	3	0	17.82	17.94	17.82		
1.4	256QAM	3	1	17.82	17.85	17.70		
1.4	256QAM	3	3	17.77	17.83	17.72		
1.4	256QAM	6	0	17.70	17.83	17.77	20.5	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.93	19.97	19.94		
20	QPSK	1	49	19.84	19.84	19.84	21.5	0
20	QPSK	1	99	19.86	19.87	19.85		
20	QPSK	50	0	19.88	19.94	19.88		
20	QPSK	50	24	19.72	19.77	19.79	21.5	0
20	QPSK	50	50	19.79	19.77	19.81		
20	QPSK	100	0	19.84	19.93	19.81		
20	16QAM	1	0	19.83	19.95	19.82		
20	16QAM	1	49	19.72	19.71	19.71	21.5	0
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	22.22	22.27	22.21	23.5	0
20	QPSK	1	49	22.08	22.24	22.18		
20	QPSK	1	99	22.18	22.21	22.09		
20	QPSK	50	0	21.21	21.30	21.22	22.5	1
20	QPSK	50	24	21.04	21.20	21.14		
20	QPSK	50	50	21.14	21.25	21.05		
20	QPSK	100	0	21.25	21.26	21.19		
20	16QAM	1	0	21.19	21.25	21.21	22.5	1
20	16QAM	1	49	21.02	21.20	21.14		
20	16QAM	1	99	21.20	21.24	21.12		
20	16QAM	50	0	20.25	20.34	20.21	21.5	2
20	16QAM	50	24	20.05	20.19	20.09		
20	16QAM	50	50	20.14	20.24	20.08		
20	16QAM	100	0	20.23	20.22	20.22		
20	64QAM	1	0	20.17	20.27	20.22	21.5	2
20	64QAM	1	49	20.01	20.21	20.18		
20	64QAM	1	99	20.19	20.18	20.10		
20	64QAM	50	0	19.19	19.33	19.21	20.5	3
20	64QAM	50	24	19.07	19.24	19.18		
20	64QAM	50	50	19.12	19.23	19.03		
20	64QAM	100	0	19.20	19.29	19.17		
20	256QAM	1	0	17.26	17.34	17.26	18.5	5
20	256QAM	1	49	17.00	17.19	17.18		
20	256QAM	1	99	17.10	17.29	17.05		
20	256QAM	50	0	17.29	17.30	17.21	18.5	5
20	256QAM	50	24	17.20	17.26	17.21		
20	256QAM	50	50	17.01	17.23	17.11		
20	256QAM	100	0	17.14	17.29	17.18		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.12	22.19	22.10	23.5	0
15	QPSK	1	37	22.04	22.20	22.05		
15	QPSK	1	74	22.15	22.12	22.02		
15	QPSK	36	0	21.12	21.23	21.08	22.5	1
15	QPSK	36	20	20.91	21.12	21.03		
15	QPSK	36	39	21.07	21.18	20.96		
15	QPSK	75	0	21.17	21.17	21.12		
15	16QAM	1	0	21.16	21.16	21.17	22.5	1
15	16QAM	1	37	20.88	21.10	21.04		
15	16QAM	1	74	21.17	21.10	20.99		
15	16QAM	36	0	20.21	20.23	20.12	21.5	2
15	16QAM	36	20	20.00	20.07	19.96		
15	16QAM	36	39	20.06	20.18	19.98		
15	16QAM	75	0	20.18	20.18	20.10		
15	64QAM	1	0	20.13	20.20	20.09	21.5	2
15	64QAM	1	37	19.89	20.18	20.11		
15	64QAM	1	74	20.16	20.10	19.99		
15	64QAM	36	0	19.17	19.30	19.13	20.5	3
15	64QAM	36	20	19.00	19.18	19.11		
15	64QAM	36	39	19.05	19.19	18.98		
15	64QAM	75	0	19.12	19.25	19.09		
15	256QAM	1	0	17.22	17.30	17.24	18.5	5
15	256QAM	1	37	16.96	17.12	17.05		
15	256QAM	1	74	17.05	17.16	16.98		
15	256QAM	36	0	17.17	17.20	17.17	18.5	5
15	256QAM	36	20	17.09	17.16	17.17		
15	256QAM	36	39	16.90	17.16	17.09		
15	256QAM	75	0	17.07	17.21	17.15		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.08	22.16	22.13	23.5	0
10	QPSK	1	25	21.94	22.16	22.15		
10	QPSK	1	49	22.13	22.15	22.03		
10	QPSK	25	0	21.10	21.25	21.10	22.5	1
10	QPSK	25	12	20.92	21.08	21.08		
10	QPSK	25	25	21.01	21.21	20.96		
10	QPSK	50	0	21.22	21.19	21.10		
10	16QAM	1	0	21.13	21.15	21.13	22.5	1
10	16QAM	1	25	20.93	21.12	21.08		
10	16QAM	1	49	21.15	21.21	21.09		
10	16QAM	25	0	20.22	20.28	20.09	21.5	2
10	16QAM	25	12	20.02	20.11	20.00		
10	16QAM	25	25	20.10	20.17	20.02		
10	16QAM	50	0	20.13	20.11	20.12		
10	64QAM	1	0	20.04	20.18	20.16	21.5	2
10	64QAM	1	25	19.87	20.13	20.16		
10	64QAM	1	49	20.05	20.13	19.99		
10	64QAM	25	0	19.12	19.29	19.14	20.5	3
10	64QAM	25	12	19.05	19.16	19.16		
10	64QAM	25	25	19.00	19.10	18.94		
10	64QAM	50	0	19.07	19.18	19.08		
10	256QAM	1	0	17.21	17.26	17.14	18.5	5
10	256QAM	1	25	16.91	17.06	17.08		
10	256QAM	1	49	17.07	17.23	16.98		
10	256QAM	25	0	17.16	17.18	17.19	18.5	5
10	256QAM	25	12	17.09	17.17	17.15		
10	256QAM	25	25	16.95	17.11	17.00		
10	256QAM	50	0	17.11	17.18	17.11		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.13	22.15	22.07	23.5	0
5	QPSK	1	12	21.99	22.19	22.08		
5	QPSK	1	24	22.06	22.08	22.06		
5	QPSK	12	0	21.16	21.20	21.09	22.5	1
5	QPSK	12	7	20.97	21.10	21.07		
5	QPSK	12	13	21.04	21.19	20.92		
5	QPSK	25	0	21.18	21.23	21.08		
5	16QAM	1	0	21.15	21.14	21.13	22.5	1
5	16QAM	1	12	20.93	21.09	21.03		
5	16QAM	1	24	21.14	21.21	21.06		
5	16QAM	12	0	20.22	20.23	20.13	21.5	2
5	16QAM	12	7	19.95	20.14	20.03		
5	16QAM	12	13	20.02	20.21	19.99		
5	16QAM	25	0	20.10	20.17	20.16		
5	64QAM	1	0	20.05	20.20	20.10	21.5	2
5	64QAM	1	12	19.88	20.16	20.13		
5	64QAM	1	24	20.16	20.06	20.04		
5	64QAM	12	0	19.13	19.24	19.08	20.5	3
5	64QAM	12	7	19.02	19.21	19.10		
5	64QAM	12	13	19.03	19.20	18.92		
5	64QAM	25	0	19.07	19.20	19.13		
5	256QAM	1	0	17.17	17.29	17.19	18.5	5
5	256QAM	1	12	16.94	17.11	17.12		
5	256QAM	1	24	17.05	17.18	16.93		
5	256QAM	12	0	17.23	17.23	17.16	18.5	5
5	256QAM	12	7	17.16	17.20	17.10		
5	256QAM	12	13	16.89	17.11	17.02		
5	256QAM	25	0	17.04	17.25	17.14		

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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	18.53	18.53	18.61	18.54	18.52	20	0
20	QPSK	1	49	18.50	18.49	18.56	18.57	18.26		
20	QPSK	1	99	18.37	18.52	18.58	18.50	18.32		
20	QPSK	50	0	18.52	18.52	18.59	18.49	18.43	20	0
20	QPSK	50	24	18.39	18.33	18.46	18.46	18.31		
20	QPSK	50	50	18.25	18.46	18.51	18.48	18.29		
20	QPSK	100	0	18.43	18.54	18.57	18.48	18.42		
20	16QAM	1	0	18.42	18.41	18.55	18.44	18.44	20	0
20	16QAM	1	49	18.47	18.38	18.48	18.50	18.16		
20	16QAM	1	99	18.31	18.49	18.47	18.47	18.21		
20	16QAM	50	0	18.43	18.40	18.46	18.44	18.32	20	0
20	16QAM	50	24	18.29	18.21	18.33	18.37	18.26		
20	16QAM	50	50	18.23	18.40	18.44	18.35	18.15		
20	16QAM	100	0	18.37	18.51	18.48	18.42	18.31		
20	64QAM	1	0	18.41	18.47	18.56	18.40	18.38	20	0
20	64QAM	1	49	18.41	18.40	18.54	18.44	18.13		
20	64QAM	1	99	18.24	18.48	18.53	18.46	18.19		
20	64QAM	50	0	18.44	18.44	18.57	18.43	18.29	20	0
20	64QAM	50	24	18.27	18.25	18.37	18.37	18.26		
20	64QAM	50	50	18.16	18.39	18.45	18.35	18.15		
20	64QAM	100	0	18.38	18.50	18.49	18.40	18.38		
20	256QAM	1	0	17.11	17.09	17.11	17.09	17.05	18.5	1.5
20	256QAM	1	49	16.92	16.96	17.11	17.04	16.82		
20	256QAM	1	99	16.80	17.09	17.06	16.97	16.91		
20	256QAM	50	0	16.98	17.04	17.03	16.90	17.00	18.5	1.5
20	256QAM	50	24	16.88	16.87	16.94	17.02	16.77		
20	256QAM	50	50	16.76	16.94	17.01	16.96	16.77		
20	256QAM	100	0	16.95	16.96	17.03	17.05	17.00		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.42	18.44	18.53	18.43	18.38	20.00	0
15	QPSK	1	37	18.39	18.44	18.49	18.49	18.17		
15	QPSK	1	74	18.35	18.47	18.49	18.46	18.27		
15	QPSK	36	0	18.40	18.46	18.49	18.42	18.33	20	0
15	QPSK	36	20	18.25	18.20	18.41	18.42	18.17		
15	QPSK	36	39	18.19	18.39	18.40	18.41	18.15		
15	QPSK	75	0	18.32	18.46	18.54	18.44	18.40		
15	16QAM	1	0	18.39	18.27	18.53	18.38	18.32	20	0
15	16QAM	1	37	18.45	18.25	18.37	18.37	18.06		
15	16QAM	1	74	18.25	18.46	18.37	18.38	18.16		
15	16QAM	36	0	18.33	18.28	18.35	18.32	18.25	20	0
15	16QAM	36	20	18.15	18.19	18.26	18.25	18.16		
15	16QAM	36	39	18.14	18.36	18.31	18.32	18.03		
15	16QAM	75	0	18.33	18.45	18.44	18.36	18.25		
15	64QAM	1	0	18.32	18.37	18.44	18.34	18.25	20	0
15	64QAM	1	37	18.28	18.32	18.50	18.40	18.02		
15	64QAM	1	74	18.11	18.38	18.45	18.34	18.14		
15	64QAM	36	0	18.38	18.37	18.44	18.33	18.19	20	0
15	64QAM	36	20	18.15	18.18	18.33	18.23	18.22		
15	64QAM	36	39	18.06	18.33	18.35	18.26	18.07		
15	64QAM	75	0	18.29	18.46	18.35	18.35	18.33		
15	256QAM	1	0	17.06	16.97	17.00	16.96	16.94	18.5	1.5
15	256QAM	1	37	16.85	16.83	17.02	16.99	16.78		
15	256QAM	1	74	16.78	17.01	17.03	16.93	16.87		
15	256QAM	36	0	16.88	17.00	16.90	16.84	16.88	18.5	1.5
15	256QAM	36	20	16.78	16.79	16.84	16.91	16.71		
15	256QAM	36	39	16.73	16.82	16.94	16.82	16.68		
15	256QAM	75	0	16.82	16.88	16.98	16.95	16.89		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.48	18.45	18.57	18.41	18.41	20.00	0
10	QPSK	1	25	18.41	18.46	18.51	18.54	18.21		
10	QPSK	1	49	18.27	18.46	18.44	18.43	18.22		
10	QPSK	25	0	18.49	18.43	18.46	18.45	18.36	20	0
10	QPSK	25	12	18.29	18.29	18.41	18.32	18.26		
10	QPSK	25	25	18.17	18.43	18.39	18.45	18.21		
10	QPSK	50	0	18.33	18.41	18.48	18.42	18.33		
10	16QAM	1	0	18.38	18.34	18.43	18.41	18.33	20	0
10	16QAM	1	25	18.36	18.28	18.43	18.37	18.09		
10	16QAM	1	49	18.23	18.45	18.38	18.36	18.17		
10	16QAM	25	0	18.40	18.29	18.32	18.35	18.29	20	0
10	16QAM	25	12	18.15	18.07	18.22	18.34	18.14		
10	16QAM	25	25	18.10	18.37	18.35	18.22	18.02		
10	16QAM	50	0	18.30	18.44	18.40	18.30	18.29		
10	64QAM	1	0	18.33	18.39	18.43	18.28	18.30	20	0
10	64QAM	1	25	18.31	18.33	18.41	18.41	18.04		
10	64QAM	1	49	18.19	18.45	18.42	18.32	18.16		
10	64QAM	25	0	18.32	18.31	18.49	18.36	18.20	20	0
10	64QAM	25	12	18.24	18.20	18.26	18.30	18.13		
10	64QAM	25	25	18.11	18.29	18.36	18.26	18.06		
10	64QAM	50	0	18.26	18.42	18.45	18.35	18.33		
10	256QAM	1	0	17.08	17.05	17.03	17.00	17.00	18.5	1.5
10	256QAM	1	25	16.83	16.93	17.08	16.99	16.70		
10	256QAM	1	49	16.72	16.98	16.99	16.84	16.82		
10	256QAM	25	0	16.87	17.00	16.95	16.81	16.94	18.5	1.5
10	256QAM	25	12	16.82	16.83	16.89	16.96	16.70		
10	256QAM	25	25	16.68	16.90	16.96	16.83	16.71		
10	256QAM	50	0	16.87	16.93	16.99	16.91	16.87		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.46	18.42	18.52	18.49	18.43	20.00	0
5	QPSK	1	12	18.41	18.43	18.42	18.44	18.17		
5	QPSK	1	24	18.26	18.39	18.56	18.37	18.25		
5	QPSK	12	0	18.47	18.41	18.48	18.46	18.34	20	0
5	QPSK	12	7	18.36	18.24	18.36	18.39	18.25		
5	QPSK	12	13	18.13	18.34	18.47	18.38	18.25		
5	QPSK	25	0	18.39	18.52	18.48	18.39	18.32		
5	16QAM	1	0	18.35	18.35	18.49	18.39	18.33	20	0
5	16QAM	1	12	18.34	18.36	18.35	18.44	18.04		
5	16QAM	1	24	18.27	18.40	18.37	18.34	18.08		
5	16QAM	12	0	18.40	18.33	18.41	18.40	18.21	20	0
5	16QAM	12	7	18.19	18.14	18.31	18.25	18.22		
5	16QAM	12	13	18.10	18.30	18.41	18.27	18.06		
5	16QAM	25	0	18.31	18.40	18.45	18.33	18.18		
5	64QAM	1	0	18.36	18.40	18.52	18.37	18.25	20	0
5	64QAM	1	12	18.34	18.31	18.47	18.31	18.08		
5	64QAM	1	24	18.20	18.39	18.49	18.36	18.14		
5	64QAM	12	0	18.42	18.31	18.51	18.31	18.20	20	0
5	64QAM	12	7	18.18	18.14	18.28	18.32	18.22		
5	64QAM	12	13	18.14	18.29	18.36	18.22	18.10		
5	64QAM	25	0	18.30	18.39	18.45	18.29	18.25		
5	256QAM	1	0	16.98	17.01	16.98	16.95	16.99	18.5	1.5
5	256QAM	1	12	16.85	16.83	17.04	16.93	16.76		
5	256QAM	1	24	16.76	17.07	16.95	16.84	16.79		
5	256QAM	12	0	16.93	17.02	16.96	16.78	16.88	18.5	1.5
5	256QAM	12	7	16.84	16.77	16.80	16.90	16.66		
5	256QAM	12	13	16.68	16.82	16.94	16.88	16.67		
5	256QAM	25	0	16.86	16.92	16.90	16.95	16.92		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.60	19.63	19.62	20.2	0
20	QPSK	1	49	19.46	19.59	19.49		
20	QPSK	1	99	19.54	19.61	19.53		
20	QPSK	50	0	19.50	19.61	19.56	20.2	0
20	QPSK	50	24	19.34	19.47	19.41		
20	QPSK	50	50	19.47	19.49	19.47		
20	QPSK	100	0	19.50	19.59	19.58		
20	16QAM	1	0	19.52	19.55	19.55	20.2	0
20	16QAM	1	49	19.32	19.55	19.44		
20	16QAM	1	99	19.48	19.49	19.50		
20	16QAM	50	0	19.38	19.48	19.50	20.2	0
20	16QAM	50	24	19.28	19.43	19.35		
20	16QAM	50	50	19.35	19.44	19.38		
20	16QAM	100	0	19.38	19.56	19.55		
20	64QAM	1	0	19.53	19.54	19.57	20.2	0
20	64QAM	1	49	19.43	19.45	19.45		
20	64QAM	1	99	19.46	19.49	19.49		
20	64QAM	50	0	19.47	19.54	19.51	20.2	0
20	64QAM	50	24	19.31	19.33	19.33		
20	64QAM	50	50	19.44	19.43	19.41		
20	64QAM	100	0	19.37	19.49	19.50		
20	256QAM	1	0	19.55	19.54	19.51	20.2	0
20	256QAM	1	49	19.32	19.47	19.40		
20	256QAM	1	99	19.49	19.59	19.39		
20	256QAM	50	0	19.36	19.53	19.50	20.2	0
20	256QAM	50	24	19.23	19.39	19.27		
20	256QAM	50	50	19.34	19.45	19.39		
20	256QAM	100	0	19.41	19.49	19.46		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.57	19.51	19.52	20.2	0
15	QPSK	1	37	19.43	19.53	19.40		
15	QPSK	1	74	19.46	19.51	19.42		
15	QPSK	36	0	19.47	19.51	19.51	20.2	0
15	QPSK	36	20	19.31	19.40	19.30		
15	QPSK	36	39	19.45	19.39	19.36		
15	QPSK	75	0	19.43	19.56	19.54		
15	16QAM	1	0	19.46	19.49	19.49	20.2	0
15	16QAM	1	37	19.18	19.48	19.39		
15	16QAM	1	74	19.43	19.41	19.38		
15	16QAM	36	0	19.33	19.41	19.38	20.2	0
15	16QAM	36	20	19.15	19.41	19.29		
15	16QAM	36	39	19.22	19.41	19.29		
15	16QAM	75	0	19.32	19.45	19.47		
15	64QAM	1	0	19.43	19.44	19.47	20.2	0
15	64QAM	1	37	19.40	19.36	19.32		
15	64QAM	1	74	19.33	19.39	19.44		
15	64QAM	36	0	19.42	19.51	19.46	20.2	0
15	64QAM	36	20	19.25	19.19	19.23		
15	64QAM	36	39	19.41	19.40	19.30		
15	64QAM	75	0	19.34	19.35	19.40		
15	256QAM	1	0	19.43	19.43	19.40	20.2	0
15	256QAM	1	37	19.21	19.38	19.34		
15	256QAM	1	74	19.46	19.55	19.29		
15	256QAM	36	0	19.26	19.50	19.45	20.2	0
15	256QAM	36	20	19.16	19.33	19.23		
15	256QAM	36	39	19.27	19.37	19.35		
15	256QAM	75	0	19.28	19.36	19.34		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.46	19.51	19.50	20.2	0
10	QPSK	1	25	19.33	19.50	19.39		
10	QPSK	1	49	19.46	19.55	19.41		
10	QPSK	25	0	19.45	19.58	19.50	20.2	0
10	QPSK	25	12	19.25	19.40	19.34		
10	QPSK	25	25	19.40	19.38	19.42		
10	QPSK	50	0	19.47	19.54	19.46		
10	16QAM	1	0	19.41	19.47	19.44	20.2	0
10	16QAM	1	25	19.25	19.45	19.40		
10	16QAM	1	49	19.46	19.41	19.48		
10	16QAM	25	0	19.31	19.40	19.46	20.2	0
10	16QAM	25	12	19.26	19.39	19.23		
10	16QAM	25	25	19.22	19.37	19.24		
10	16QAM	50	0	19.28	19.43	19.49		
10	64QAM	1	0	19.47	19.43	19.44	20.2	0
10	64QAM	1	25	19.32	19.32	19.31		
10	64QAM	1	49	19.41	19.44	19.36		
10	64QAM	25	0	19.35	19.41	19.42	20.2	0
10	64QAM	25	12	19.18	19.29	19.24		
10	64QAM	25	25	19.31	19.40	19.34		
10	64QAM	50	0	19.29	19.37	19.41		
10	256QAM	1	0	19.45	19.46	19.44	20.2	0
10	256QAM	1	25	19.20	19.42	19.29		
10	256QAM	1	49	19.42	19.49	19.37		
10	256QAM	25	0	19.30	19.48	19.39	20.2	0
10	256QAM	25	12	19.20	19.29	19.16		
10	256QAM	25	25	19.27	19.32	19.33		
10	256QAM	50	0	19.35	19.38	19.35		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.54	19.50	19.52	20.2	0
5	QPSK	1	12	19.42	19.49	19.46		
5	QPSK	1	24	19.45	19.54	19.48		
5	QPSK	12	0	19.44	19.51	19.52	20.2	0
5	QPSK	12	7	19.23	19.41	19.33		
5	QPSK	12	13	19.35	19.36	19.44		
5	QPSK	25	0	19.39	19.49	19.52		
5	16QAM	1	0	19.42	19.45	19.46	20.2	0
5	16QAM	1	12	19.26	19.53	19.39		
5	16QAM	1	24	19.45	19.42	19.44		
5	16QAM	12	0	19.26	19.40	19.42	20.2	0
5	16QAM	12	7	19.26	19.40	19.27		
5	16QAM	12	13	19.31	19.32	19.28		
5	16QAM	25	0	19.28	19.51	19.52		
5	64QAM	1	0	19.41	19.48	19.54	20.2	0
5	64QAM	1	12	19.40	19.33	19.34		
5	64QAM	1	24	19.41	19.45	19.44		
5	64QAM	12	0	19.45	19.46	19.48	20.2	0
5	64QAM	12	7	19.17	19.21	19.19		
5	64QAM	12	13	19.30	19.30	19.32		
5	64QAM	25	0	19.29	19.37	19.47		
5	256QAM	1	0	19.47	19.43	19.47	20.2	0
5	256QAM	1	12	19.22	19.42	19.27		
5	256QAM	1	24	19.36	19.46	19.30		
5	256QAM	12	0	19.27	19.49	19.41	20.2	0
5	256QAM	12	7	19.14	19.28	19.15		
5	256QAM	12	13	19.29	19.35	19.33		
5	256QAM	25	0	19.36	19.36	19.41		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.12	18.18	18.14	18.10	18.7	0
20	QPSK	1	49	17.98	18.14	18.11	17.99		
20	QPSK	1	99	18.03	18.12	18.13	17.92		
20	QPSK	50	0	17.94	18.16	18.08	17.97	18.7	0
20	QPSK	50	24	17.87	17.98	18.00	17.78		
20	QPSK	50	50	18.01	18.03	18.05	17.81		
20	QPSK	100	0	17.96	18.14	18.01	18.01		
20	16QAM	1	0	17.96	18.04	18.08	18.03	18.7	0
20	16QAM	1	49	17.95	18.03	17.96	17.94		
20	16QAM	1	99	18.07	18.06	18.05	17.80		
20	16QAM	50	0	17.96	18.01	18.06	17.89	18.7	0
20	16QAM	50	24	17.80	17.82	17.84	17.71		
20	16QAM	50	50	17.88	18.07	17.94	17.76		
20	16QAM	100	0	18.00	18.10	17.97	17.85		
20	64QAM	1	0	17.93	18.09	18.01	17.96	18.7	0
20	64QAM	1	49	17.94	18.10	17.99	17.78		
20	64QAM	1	99	17.94	17.96	18.06	17.82		
20	64QAM	50	0	17.97	18.04	18.04	17.89	18.7	0
20	64QAM	50	24	17.81	17.87	17.91	17.80		
20	64QAM	50	50	17.93	17.96	17.95	17.77		
20	64QAM	100	0	17.92	18.08	17.95	17.85		
20	256QAM	1	0	17.94	18.06	18.09	17.89	18.7	0
20	256QAM	1	49	17.92	18.09	17.89	17.87		
20	256QAM	1	99	17.96	18.04	18.06	17.86		
20	256QAM	50	0	17.95	18.10	18.07	17.94	18.7	0
20	256QAM	50	24	17.79	17.95	17.95	17.81		
20	256QAM	50	50	17.93	17.94	17.94	17.78		
20	256QAM	100	0	17.89	18.04	17.94	17.81		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.09	18.15	18.04	18.03	18.7	0
15	QPSK	1	37	17.85	18.10	17.99	17.95		
15	QPSK	1	74	17.93	18.07	18.08	17.83		
15	QPSK	36	0	17.91	18.07	18.02	17.94	18.7	0
15	QPSK	36	20	17.85	17.90	17.93	17.69		
15	QPSK	36	39	17.87	17.91	18.01	17.77		
15	QPSK	75	0	17.92	18.09	17.95	17.96		
15	16QAM	1	0	17.84	17.94	18.03	17.97	18.7	0
15	16QAM	1	37	17.88	17.93	17.88	17.88		
15	16QAM	1	74	18.05	18.04	17.93	17.66		
15	16QAM	36	0	17.84	17.94	18.03	17.81	18.7	0
15	16QAM	36	20	17.74	17.75	17.74	17.57		
15	16QAM	36	39	17.81	18.03	17.87	17.66		
15	16QAM	75	0	17.90	18.01	17.84	17.73		
15	64QAM	1	0	17.81	18.00	17.91	17.82	18.7	0
15	64QAM	1	37	17.86	18.00	17.92	17.64		
15	64QAM	1	74	17.83	17.86	17.97	17.79		
15	64QAM	36	0	17.89	17.97	18.01	17.83	18.7	0
15	64QAM	36	20	17.71	17.77	17.80	17.71		
15	64QAM	36	39	17.90	17.88	17.90	17.66		
15	64QAM	75	0	17.85	18.06	17.87	17.77		
15	256QAM	1	0	17.86	17.92	17.98	17.80	18.7	0
15	256QAM	1	37	17.87	18.05	17.80	17.85		
15	256QAM	1	74	17.91	17.92	18.03	17.74		
15	256QAM	36	0	17.82	18.06	18.01	17.80	18.7	0
15	256QAM	36	20	17.76	17.83	17.82	17.79		
15	256QAM	36	39	17.88	17.83	17.90	17.65		
15	256QAM	75	0	17.81	17.99	17.88	17.79		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.04	18.14	18.04	17.99	18.7	0
10	QPSK	1	25	17.96	18.01	18.00	17.86		
10	QPSK	1	49	17.94	18.10	18.07	17.88		
10	QPSK	25	0	17.92	18.03	18.02	17.91	18.7	0
10	QPSK	25	12	17.73	17.95	17.90	17.74		
10	QPSK	25	25	17.96	18.01	17.97	17.71		
10	QPSK	50	0	17.86	18.05	17.89	17.95		
10	16QAM	1	0	17.93	17.95	18.01	17.93	18.7	0
10	16QAM	1	25	17.89	17.93	17.94	17.82		
10	16QAM	1	49	18.03	17.97	18.02	17.73		
10	16QAM	25	0	17.85	17.95	17.94	17.75	18.7	0
10	16QAM	25	12	17.68	17.70	17.71	17.67		
10	16QAM	25	25	17.75	17.97	17.89	17.66		
10	16QAM	50	0	17.86	18.01	17.90	17.77		
10	64QAM	1	0	17.85	17.99	17.99	17.91	18.7	0
10	64QAM	1	25	17.82	17.98	17.94	17.73		
10	64QAM	1	49	17.81	17.85	18.02	17.78		
10	64QAM	25	0	17.84	18.02	17.93	17.81	18.7	0
10	64QAM	25	12	17.72	17.74	17.84	17.74		
10	64QAM	25	25	17.87	17.94	17.83	17.70		
10	64QAM	50	0	17.89	17.97	17.84	17.74		
10	256QAM	1	0	17.89	17.95	18.04	17.78	18.7	0
10	256QAM	1	25	17.82	18.05	17.75	17.80		
10	256QAM	1	49	17.92	17.91	18.04	17.73		
10	256QAM	25	0	17.85	18.08	18.05	17.89	18.7	0
10	256QAM	25	12	17.72	17.88	17.85	17.75		
10	256QAM	25	25	17.83	17.81	17.81	17.69		
10	256QAM	50	0	17.86	17.94	17.80	17.73		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.00	18.08	18.06	18.05	18.7	0
5	QPSK	1	12	17.87	18.01	18.02	17.91		
5	QPSK	1	24	17.99	18.04	18.08	17.81		
5	QPSK	12	0	17.88	18.03	18.00	17.90	18.7	0
5	QPSK	12	7	17.76	17.85	17.94	17.72		
5	QPSK	12	13	17.92	17.97	18.00	17.75		
5	QPSK	25	0	17.85	18.02	17.98	17.89		
5	16QAM	1	0	17.84	17.97	18.05	17.99	18.7	0
5	16QAM	1	12	17.89	17.96	17.82	17.92		
5	16QAM	1	24	17.96	18.01	17.98	17.69		
5	16QAM	12	0	17.92	17.89	17.92	17.81	18.7	0
5	16QAM	12	7	17.77	17.69	17.82	17.58		
5	16QAM	12	13	17.78	17.94	17.80	17.65		
5	16QAM	25	0	17.91	18.02	17.83	17.74		
5	64QAM	1	0	17.80	18.07	17.87	17.87	18.7	0
5	64QAM	1	12	17.88	17.99	17.89	17.65		
5	64QAM	1	24	17.84	17.93	17.94	17.79		
5	64QAM	12	0	17.92	17.91	17.99	17.81	18.7	0
5	64QAM	12	7	17.73	17.79	17.79	17.72		
5	64QAM	12	13	17.89	17.87	17.88	17.74		
5	64QAM	25	0	17.87	17.97	17.85	17.79		
5	256QAM	1	0	17.81	17.93	18.04	17.85	18.7	0
5	256QAM	1	12	17.79	17.98	17.81	17.82		
5	256QAM	1	24	17.86	17.96	17.97	17.81		
5	256QAM	12	0	17.91	17.99	17.98	17.86	18.7	0
5	256QAM	12	7	17.75	17.90	17.88	17.68		
5	256QAM	12	13	17.90	17.83	17.84	17.68		
5	256QAM	25	0	17.77	17.95	17.90	17.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.21	19.22	19.09	20.5	0
20	QPSK	1	49	18.96	19.10	18.97		
20	QPSK	1	99	19.04	19.09	19.02		
20	QPSK	50	0	19.15	19.20	19.02	20.5	0
20	QPSK	50	24	18.97	18.97	18.86		
20	QPSK	50	50	18.93	19.08	18.99		
20	QPSK	100	0	19.06	19.12	19.03		
20	16QAM	1	0	19.00	19.04	19.03	20.5	0
20	16QAM	1	49	18.88	19.11	18.96		
20	16QAM	1	99	18.92	18.99	18.95		
20	16QAM	50	0	19.02	19.07	18.97	20.5	0
20	16QAM	50	24	18.83	18.95	18.84		
20	16QAM	50	50	18.85	18.95	18.87		
20	16QAM	100	0	19.04	19.11	19.00		
20	64QAM	1	0	19.06	19.14	19.04	20.5	0
20	64QAM	1	49	18.92	18.96	18.89		
20	64QAM	1	99	18.90	19.08	18.93		
20	64QAM	50	0	19.01	19.05	18.91	20.5	0
20	64QAM	50	24	18.84	18.83	18.90		
20	64QAM	50	50	18.88	19.03	18.95		
20	64QAM	100	0	19.07	19.03	18.96		
20	256QAM	1	0	19.07	19.08	18.99	20.5	0
20	256QAM	1	49	18.98	19.09	18.88		
20	256QAM	1	99	18.90	19.00	19.02		
20	256QAM	50	0	19.04	19.09	18.83	20.5	0
20	256QAM	50	24	18.74	18.91	18.72		
20	256QAM	50	50	18.91	19.03	18.83		
20	256QAM	100	0	19.01	19.09	19.04		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.18	19.13	19.05	20.5	0
15	QPSK	1	37	18.84	19.07	18.91		
15	QPSK	1	74	18.96	18.97	18.91		
15	QPSK	36	0	19.09	19.08	18.95	20.5	0
15	QPSK	36	20	18.87	18.84	18.82		
15	QPSK	36	39	18.79	18.99	18.89		
15	QPSK	75	0	18.93	18.99	18.94		
15	16QAM	1	0	18.87	18.92	18.93	20.5	0
15	16QAM	1	37	18.78	19.08	18.86		
15	16QAM	1	74	18.80	18.96	18.86		
15	16QAM	36	0	18.91	18.93	18.89	20.5	0
15	16QAM	36	20	18.78	18.82	18.71		
15	16QAM	36	39	18.71	18.88	18.81		
15	16QAM	75	0	18.93	19.03	18.93		
15	64QAM	1	0	18.92	19.06	18.90	20.5	0
15	64QAM	1	37	18.87	18.83	18.83		
15	64QAM	1	74	18.81	18.96	18.81		
15	64QAM	36	0	18.98	19.00	18.78	20.5	0
15	64QAM	36	20	18.75	18.78	18.84		
15	64QAM	36	39	18.83	18.89	18.90		
15	64QAM	75	0	19.00	18.92	18.93		
15	256QAM	1	0	19.00	18.94	18.90	20.5	0
15	256QAM	1	37	18.88	18.97	18.76		
15	256QAM	1	74	18.80	18.87	18.92		
15	256QAM	36	0	18.94	18.99	18.74	20.5	0
15	256QAM	36	20	18.72	18.88	18.60		
15	256QAM	36	39	18.87	18.93	18.70		
15	256QAM	75	0	18.88	18.99	19.01		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.11	19.13	19.05	20.5	0
10	QPSK	1	25	18.94	19.01	18.91		
10	QPSK	1	49	18.90	18.95	18.89		
10	QPSK	25	0	19.06	19.13	18.95	20.5	0
10	QPSK	25	12	18.95	18.86	18.77		
10	QPSK	25	25	18.84	19.05	18.97		
10	QPSK	50	0	19.04	19.04	18.95		
10	16QAM	1	0	18.96	18.94	18.98	20.5	0
10	16QAM	1	25	18.78	18.98	18.86		
10	16QAM	1	49	18.81	18.86	18.87		
10	16QAM	25	0	18.96	19.00	18.91	20.5	0
10	16QAM	25	12	18.79	18.86	18.77		
10	16QAM	25	25	18.80	18.84	18.75		
10	16QAM	50	0	19.02	19.01	18.93		
10	64QAM	1	0	18.92	19.08	18.91	20.5	0
10	64QAM	1	25	18.90	18.85	18.83		
10	64QAM	1	49	18.86	18.94	18.91		
10	64QAM	25	0	18.92	18.94	18.89	20.5	0
10	64QAM	25	12	18.79	18.77	18.80		
10	64QAM	25	25	18.85	18.95	18.93		
10	64QAM	50	0	18.95	18.90	18.87		
10	256QAM	1	0	18.97	18.98	18.88	20.5	0
10	256QAM	1	25	18.89	19.05	18.83		
10	256QAM	1	49	18.78	18.97	18.96		
10	256QAM	25	0	18.96	18.96	18.77	20.5	0
10	256QAM	25	12	18.66	18.77	18.66		
10	256QAM	25	25	18.79	18.91	18.72		
10	256QAM	50	0	18.89	18.97	18.97		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.18	19.18	19.03	20.5	0
5	QPSK	1	12	18.84	19.06	18.93		
5	QPSK	1	24	18.92	19.03	18.93		
5	QPSK	12	0	19.08	19.14	18.97	20.5	0
5	QPSK	12	7	18.88	18.92	18.83		
5	QPSK	12	13	18.88	19.06	18.85		
5	QPSK	25	0	18.95	19.04	18.93		
5	16QAM	1	0	18.86	18.93	18.91	20.5	0
5	16QAM	1	12	18.79	18.99	18.83		
5	16QAM	1	24	18.82	18.85	18.90		
5	16QAM	12	0	18.91	18.94	18.83	20.5	0
5	16QAM	12	7	18.71	18.89	18.71		
5	16QAM	12	13	18.79	18.83	18.80		
5	16QAM	25	0	18.92	19.02	18.90		
5	64QAM	1	0	19.00	19.06	18.94	20.5	0
5	64QAM	1	12	18.83	18.88	18.79		
5	64QAM	1	24	18.77	18.98	18.82		
5	64QAM	12	0	18.90	18.91	18.87	20.5	0
5	64QAM	12	7	18.70	18.69	18.86		
5	64QAM	12	13	18.76	18.90	18.82		
5	64QAM	25	0	19.02	18.91	18.94		
5	256QAM	1	0	18.99	18.98	18.91	20.5	0
5	256QAM	1	12	18.93	19.04	18.79		
5	256QAM	1	24	18.81	18.95	18.91		
5	256QAM	12	0	18.98	18.99	18.71	20.5	0
5	256QAM	12	7	18.70	18.80	18.61		
5	256QAM	12	13	18.87	18.90	18.78		
5	256QAM	25	0	18.92	19.01	19.00		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.07	17.20	17.08	17.06	18.5	0
20	QPSK	1	49	17.05	17.09	16.92	16.95		
20	QPSK	1	99	17.07	17.13	17.09	17.09		
20	QPSK	50	0	16.98	17.15	16.95	17.02	18.5	0
20	QPSK	50	24	16.94	16.96	16.93	16.91		
20	QPSK	50	50	16.85	17.00	16.92	17.04		
20	QPSK	100	0	17.04	17.10	16.89	16.90		
20	16QAM	1	0	17.00	17.07	16.99	16.97	18.5	0
20	16QAM	1	49	16.91	16.97	16.91	16.91		
20	16QAM	1	99	17.03	17.05	16.98	16.89		
20	16QAM	50	0	16.93	17.06	16.91	17.04	18.5	0
20	16QAM	50	24	16.87	16.83	16.70	16.80		
20	16QAM	50	50	16.81	16.90	16.84	16.87		
20	16QAM	100	0	16.81	17.08	16.86	16.91		
20	64QAM	1	0	16.98	17.00	16.95	17.03	18.5	0
20	64QAM	1	49	16.94	16.99	16.89	16.81		
20	64QAM	1	99	17.00	17.04	17.00	16.94		
20	64QAM	50	0	16.93	17.09	16.95	16.88	18.5	0
20	64QAM	50	24	16.80	16.91	16.79	16.92		
20	64QAM	50	50	16.87	16.95	16.96	16.88		
20	64QAM	100	0	16.81	17.05	16.84	16.78		
20	256QAM	1	0	16.91	17.04	16.95	17.05	18.5	0
20	256QAM	1	49	16.82	16.99	16.79	16.85		
20	256QAM	1	99	16.96	17.00	17.06	17.02		
20	256QAM	50	0	16.86	17.02	16.98	16.93	18.5	0
20	256QAM	50	24	16.92	16.85	16.79	16.85		
20	256QAM	50	50	16.80	16.91	16.75	16.92		
20	256QAM	100	0	16.87	17.10	16.88	16.87		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.94	17.10	17.03	16.94	18.5	0
15	QPSK	1	37	16.97	17.04	16.83	16.88		
15	QPSK	1	74	17.01	17.07	16.98	16.99		
15	QPSK	36	0	16.92	17.10	16.92	16.92	18.5	0
15	QPSK	36	20	16.90	16.90	16.90	16.78		
15	QPSK	36	39	16.79	16.96	16.88	16.93		
15	QPSK	75	0	16.97	17.06	16.86	16.87		
15	16QAM	1	0	16.89	17.02	16.92	16.87	18.5	0
15	16QAM	1	37	16.80	16.84	16.87	16.79		
15	16QAM	1	74	16.98	16.94	16.86	16.86		
15	16QAM	36	0	16.89	16.97	16.84	17.01	18.5	0
15	16QAM	36	20	16.83	16.69	16.64	16.71		
15	16QAM	36	39	16.71	16.78	16.75	16.80		
15	16QAM	75	0	16.69	17.01	16.75	16.77		
15	64QAM	1	0	16.87	16.87	16.82	16.93	18.5	0
15	64QAM	1	37	16.81	16.92	16.87	16.68		
15	64QAM	1	74	16.93	16.92	16.98	16.86		
15	64QAM	36	0	16.89	17.04	16.92	16.75	18.5	0
15	64QAM	36	20	16.76	16.88	16.71	16.86		
15	64QAM	36	39	16.79	16.89	16.92	16.83		
15	64QAM	75	0	16.75	17.01	16.73	16.65		
15	256QAM	1	0	16.81	17.01	16.83	16.97	18.5	0
15	256QAM	1	37	16.70	16.95	16.76	16.71		
15	256QAM	1	74	16.86	16.87	16.94	16.96		
15	256QAM	36	0	16.84	16.99	16.89	16.85	18.5	0
15	256QAM	36	20	16.86	16.71	16.75	16.75		
15	256QAM	36	39	16.75	16.88	16.69	16.89		
15	256QAM	75	0	16.74	17.04	16.83	16.74		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.93	17.16	16.97	16.94	18.5	0
10	QPSK	1	25	16.94	17.04	16.82	16.87		
10	QPSK	1	49	17.03	17.06	16.96	17.01		
10	QPSK	25	0	16.87	17.03	16.83	16.99	18.5	0
10	QPSK	25	12	16.86	16.93	16.84	16.80		
10	QPSK	25	25	16.73	16.94	16.83	17.02		
10	QPSK	50	0	16.95	17.05	16.83	16.79		
10	16QAM	1	0	16.88	16.96	16.86	16.91	18.5	0
10	16QAM	1	25	16.88	16.84	16.87	16.78		
10	16QAM	1	49	16.91	16.94	16.91	16.85		
10	16QAM	25	0	16.91	17.01	16.86	16.94	18.5	0
10	16QAM	25	12	16.84	16.78	16.59	16.74		
10	16QAM	25	25	16.68	16.85	16.74	16.78		
10	16QAM	50	0	16.76	16.98	16.77	16.86		
10	64QAM	1	0	16.96	16.96	16.84	16.94	18.5	0
10	64QAM	1	25	16.92	16.89	16.84	16.72		
10	64QAM	1	49	16.87	16.91	16.88	16.85		
10	64QAM	25	0	16.88	16.98	16.90	16.85	18.5	0
10	64QAM	25	12	16.69	16.86	16.70	16.85		
10	64QAM	25	25	16.74	16.86	16.85	16.79		
10	64QAM	50	0	16.78	16.93	16.81	16.72		
10	256QAM	1	0	16.83	16.96	16.84	17.01	18.5	0
10	256QAM	1	25	16.79	16.92	16.73	16.77		
10	256QAM	1	49	16.89	16.90	16.97	16.98		
10	256QAM	25	0	16.81	16.96	16.96	16.88	18.5	0
10	256QAM	25	12	16.86	16.73	16.66	16.82		
10	256QAM	25	25	16.76	16.87	16.67	16.88		
10	256QAM	50	0	16.82	17.03	16.74	16.78		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.97	17.12	16.98	17.02	18.5	0
5	QPSK	1	12	16.94	17.05	16.85	16.90		
5	QPSK	1	24	17.00	17.02	16.97	16.96		
5	QPSK	12	0	16.91	17.13	16.88	16.94	18.5	0
5	QPSK	12	7	16.90	16.94	16.90	16.78		
5	QPSK	12	13	16.74	16.88	16.79	16.94		
5	QPSK	25	0	16.93	17.02	16.84	16.87		
5	16QAM	1	0	16.87	16.97	16.97	16.85	18.5	0
5	16QAM	1	12	16.79	16.91	16.84	16.80		
5	16QAM	1	24	16.90	17.01	16.93	16.83		
5	16QAM	12	0	16.81	16.96	16.82	17.00	18.5	0
5	16QAM	12	7	16.80	16.71	16.59	16.73		
5	16QAM	12	13	16.71	16.84	16.77	16.85		
5	16QAM	25	0	16.70	17.05	16.77	16.84		
5	64QAM	1	0	16.90	16.87	16.82	16.98	18.5	0
5	64QAM	1	12	16.89	16.85	16.82	16.76		
5	64QAM	1	24	16.88	16.95	16.92	16.82		
5	64QAM	12	0	16.85	17.02	16.87	16.76	18.5	0
5	64QAM	12	7	16.75	16.89	16.73	16.79		
5	64QAM	12	13	16.77	16.84	16.87	16.84		
5	64QAM	25	0	16.72	16.98	16.78	16.71		
5	256QAM	1	0	16.85	16.94	16.84	16.91	18.5	0
5	256QAM	1	12	16.76	16.86	16.75	16.79		
5	256QAM	1	24	16.90	16.94	17.00	16.94		
5	256QAM	12	0	16.77	16.91	16.88	16.88	18.5	0
5	256QAM	12	7	16.87	16.79	16.70	16.82		
5	256QAM	12	13	16.67	16.83	16.67	16.89		
5	256QAM	25	0	16.83	16.98	16.85	16.83		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.79	19.87	19.83	21.5	0
20	QPSK	1	49	19.66	19.69	19.75		
20	QPSK	1	99	19.67	19.79	19.69		
20	QPSK	50	0	19.72	19.82	19.73	21.5	0
20	QPSK	50	24	19.59	19.64	19.63		
20	QPSK	50	50	19.55	19.67	19.59		
20	QPSK	100	0	19.67	19.80	19.73		
20	16QAM	1	0	19.67	19.78	19.75	21.5	0
20	16QAM	1	49	19.62	19.56	19.67		
20	16QAM	1	99	19.55	19.72	19.67		
20	16QAM	50	0	19.70	19.71	19.70	21.5	0
20	16QAM	50	24	19.54	19.52	19.59		
20	16QAM	50	50	19.51	19.58	19.46		
20	16QAM	100	0	19.56	19.66	19.70		
20	64QAM	1	0	19.71	19.74	19.79	21.5	0
20	64QAM	1	49	19.54	19.59	19.61		
20	64QAM	1	99	19.54	19.67	19.64		
20	64QAM	50	0	19.64	19.73	19.62	21.5	0
20	64QAM	50	24	19.57	19.54	19.57		
20	64QAM	50	50	19.52	19.58	19.49		
20	64QAM	100	0	19.63	19.75	19.61		
20	256QAM	1	0	18.27	18.36	18.32	20	1.5
20	256QAM	1	49	18.20	18.22	18.26		
20	256QAM	1	99	18.14	18.25	18.14		
20	256QAM	50	0	18.28	18.32	18.17	20	1.5
20	256QAM	50	24	18.10	18.11	18.12		
20	256QAM	50	50	18.05	18.23	18.09		
20	256QAM	100	0	18.14	18.35	18.28		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.65	19.83	19.72	21.5	0
15	QPSK	1	37	19.53	19.62	19.70		
15	QPSK	1	74	19.61	19.67	19.65		
15	QPSK	36	0	19.64	19.69	19.70	21.5	0
15	QPSK	36	20	19.57	19.52	19.56		
15	QPSK	36	39	19.42	19.63	19.55		
15	QPSK	75	0	19.54	19.70	19.69		
15	16QAM	1	0	19.64	19.68	19.71	21.5	0
15	16QAM	1	37	19.59	19.42	19.60		
15	16QAM	1	74	19.45	19.61	19.63		
15	16QAM	36	0	19.68	19.65	19.59	21.5	0
15	16QAM	36	20	19.47	19.43	19.49		
15	16QAM	36	39	19.37	19.46	19.36		
15	16QAM	75	0	19.49	19.56	19.59		
15	64QAM	1	0	19.60	19.69	19.72	21.5	0
15	64QAM	1	37	19.46	19.48	19.54		
15	64QAM	1	74	19.49	19.55	19.61		
15	64QAM	36	0	19.57	19.66	19.59	21.5	0
15	64QAM	36	20	19.52	19.49	19.52		
15	64QAM	36	39	19.50	19.52	19.38		
15	64QAM	75	0	19.57	19.63	19.51		
15	256QAM	1	0	18.16	18.30	18.30	20	1.5
15	256QAM	1	37	18.13	18.18	18.16		
15	256QAM	1	74	18.09	18.12	18.11		
15	256QAM	36	0	18.18	18.22	18.07	20	1.5
15	256QAM	36	20	17.98	18.04	18.00		
15	256QAM	36	39	18.03	18.18	18.00		
15	256QAM	75	0	18.01	18.30	18.17		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.68	19.83	19.75	21.5	0
10	QPSK	1	25	19.60	19.60	19.66		
10	QPSK	1	49	19.63	19.73	19.62		
10	QPSK	25	0	19.58	19.70	19.67	21.5	0
10	QPSK	25	12	19.56	19.59	19.51		
10	QPSK	25	25	19.43	19.56	19.47		
10	QPSK	50	0	19.54	19.69	19.62		
10	16QAM	1	0	19.64	19.68	19.64	21.5	0
10	16QAM	1	25	19.54	19.42	19.60		
10	16QAM	1	49	19.42	19.68	19.54		
10	16QAM	25	0	19.59	19.69	19.58	21.5	0
10	16QAM	25	12	19.52	19.47	19.50		
10	16QAM	25	25	19.41	19.47	19.33		
10	16QAM	50	0	19.45	19.60	19.63		
10	64QAM	1	0	19.63	19.70	19.67	21.5	0
10	64QAM	1	25	19.52	19.51	19.58		
10	64QAM	1	49	19.50	19.64	19.61		
10	64QAM	25	0	19.56	19.65	19.49	21.5	0
10	64QAM	25	12	19.48	19.40	19.47		
10	64QAM	25	25	19.46	19.55	19.47		
10	64QAM	50	0	19.53	19.69	19.56		
10	256QAM	1	0	18.20	18.30	18.27	20	1.5
10	256QAM	1	25	18.14	18.10	18.19		
10	256QAM	1	49	18.10	18.21	18.01		
10	256QAM	25	0	18.19	18.26	18.09	20	1.5
10	256QAM	25	12	18.04	18.01	18.04		
10	256QAM	25	25	18.00	18.20	17.99		
10	256QAM	50	0	18.03	18.30	18.25		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.72	19.73	19.79	21.5	0
5	QPSK	1	12	19.59	19.60	19.71		
5	QPSK	1	24	19.62	19.69	19.67		
5	QPSK	12	0	19.68	19.78	19.67	21.5	0
5	QPSK	12	7	19.52	19.59	19.56		
5	QPSK	12	13	19.51	19.55	19.49		
5	QPSK	25	0	19.64	19.75	19.67		
5	16QAM	1	0	19.61	19.70	19.72	21.5	0
5	16QAM	1	12	19.52	19.50	19.56		
5	16QAM	1	24	19.49	19.70	19.57		
5	16QAM	12	0	19.64	19.66	19.61	21.5	0
5	16QAM	12	7	19.44	19.39	19.53		
5	16QAM	12	13	19.49	19.45	19.39		
5	16QAM	25	0	19.44	19.56	19.68		
5	64QAM	1	0	19.66	19.63	19.76	21.5	0
5	64QAM	1	12	19.42	19.54	19.55		
5	64QAM	1	24	19.51	19.64	19.55		
5	64QAM	12	0	19.50	19.64	19.58	21.5	0
5	64QAM	12	7	19.45	19.46	19.51		
5	64QAM	12	13	19.41	19.51	19.36		
5	64QAM	25	0	19.57	19.67	19.57		
5	256QAM	1	0	18.22	18.30	18.22	20	1.5
5	256QAM	1	12	18.11	18.09	18.19		
5	256QAM	1	24	18.04	18.12	18.10		
5	256QAM	12	0	18.16	18.28	18.08	20	1.5
5	256QAM	12	7	18.02	18.07	18.08		
5	256QAM	12	13	17.94	18.10	17.98		
5	256QAM	25	0	18.01	18.32	18.22		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.52	19.56	19.46	19.48	21	0
20	QPSK	1	49	19.43	19.38	19.40	19.21		
20	QPSK	1	99	19.49	19.48	19.27	19.40		
20	QPSK	50	0	19.47	19.53	19.41	19.31	21	0
20	QPSK	50	24	19.37	19.33	19.45	19.16		
20	QPSK	50	50	19.34	19.26	19.27	19.25		
20	QPSK	100	0	19.38	19.49	19.30	19.37		
20	16QAM	1	0	19.44	19.44	19.44	19.41	21	0
20	16QAM	1	49	19.33	19.28	19.37	19.12		
20	16QAM	1	99	19.37	19.39	19.22	19.27		
20	16QAM	50	0	19.42	19.47	19.37	19.20	21	0
20	16QAM	50	24	19.30	19.28	19.40	19.05		
20	16QAM	50	50	19.20	19.12	19.24	19.12		
20	16QAM	100	0	19.28	19.43	19.20	19.31		
20	64QAM	1	0	19.45	19.45	19.35	19.37	21	0
20	64QAM	1	49	19.32	19.32	19.32	19.15		
20	64QAM	1	99	19.41	19.42	19.25	19.28		
20	64QAM	50	0	19.35	19.44	19.29	19.20	21	0
20	64QAM	50	24	19.34	19.24	19.42	19.07		
20	64QAM	50	50	19.22	19.17	19.15	19.19		
20	64QAM	100	0	19.31	19.35	19.23	19.34		
20	256QAM	1	0	18.55	18.54	18.46	18.47	20	1
20	256QAM	1	49	18.41	18.33	18.39	18.16		
20	256QAM	1	99	18.49	18.53	18.30	18.34		
20	256QAM	50	0	18.52	18.47	18.47	18.31	20	1
20	256QAM	50	24	18.36	18.29	18.41	18.12		
20	256QAM	50	50	18.28	18.26	18.25	18.23		
20	256QAM	100	0	18.42	18.52	18.35	18.34		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.39	19.49	19.35	19.36	21	0
15	QPSK	1	37	19.33	19.24	19.36	19.13		
15	QPSK	1	74	19.43	19.44	19.19	19.28		
15	QPSK	36	0	19.45	19.49	19.36	19.26	21	0
15	QPSK	36	20	19.26	19.22	19.32	19.09		
15	QPSK	36	39	19.30	19.17	19.18	19.13		
15	QPSK	75	0	19.31	19.44	19.17	19.26		
15	16QAM	1	0	19.42	19.32	19.37	19.37	21	0
15	16QAM	1	37	19.31	19.19	19.23	19.07		
15	16QAM	1	74	19.26	19.29	19.16	19.14		
15	16QAM	36	0	19.40	19.33	19.23	19.18	21	0
15	16QAM	36	20	19.16	19.23	19.32	19.02		
15	16QAM	36	39	19.08	19.08	19.13	19.05		
15	16QAM	75	0	19.24	19.30	19.09	19.18		
15	64QAM	1	0	19.36	19.33	19.30	19.25	21	0
15	64QAM	1	37	19.29	19.29	19.19	19.12		
15	64QAM	1	74	19.33	19.33	19.22	19.15		
15	64QAM	36	0	19.30	19.31	19.22	19.15	21	0
15	64QAM	36	20	19.23	19.11	19.40	19.08		
15	64QAM	36	39	19.08	19.08	19.04	19.10		
15	64QAM	75	0	19.27	19.24	19.16	19.22		
15	256QAM	1	0	18.43	18.50	18.40	18.38	20	1
15	256QAM	1	37	18.35	18.22	18.35	18.02		
15	256QAM	1	74	18.37	18.50	18.23	18.21		
15	256QAM	36	0	18.40	18.45	18.34	18.22	20	1
15	256QAM	36	20	18.32	18.27	18.28	18.05		
15	256QAM	36	39	18.20	18.13	18.21	18.20		
15	256QAM	75	0	18.31	18.42	18.23	18.31		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.47	19.44	19.41	19.35	21	0
10	QPSK	1	25	19.40	19.32	19.30	19.16		
10	QPSK	1	49	19.35	19.35	19.21	19.34		
10	QPSK	25	0	19.44	19.47	19.32	19.24	21	0
10	QPSK	25	12	19.34	19.29	19.40	19.09		
10	QPSK	25	25	19.30	19.18	19.15	19.14		
10	QPSK	50	0	19.26	19.43	19.26	19.25		
10	16QAM	1	0	19.34	19.38	19.37	19.30	21	0
10	16QAM	1	25	19.29	19.22	19.32	19.00		
10	16QAM	1	49	19.29	19.28	19.10	19.20		
10	16QAM	25	0	19.37	19.35	19.30	19.17	21	0
10	16QAM	25	12	19.22	19.25	19.36	19.22		
10	16QAM	25	25	19.16	19.03	19.10	19.04		
10	16QAM	50	0	19.22	19.32	19.13	19.17		
10	64QAM	1	0	19.38	19.35	19.22	19.33	21	0
10	64QAM	1	25	19.29	19.21	19.28	19.11		
10	64QAM	1	49	19.34	19.36	19.18	19.15		
10	64QAM	25	0	19.25	19.42	19.21	19.11	21	0
10	64QAM	25	12	19.26	19.22	19.32	19.00		
10	64QAM	25	25	19.20	19.13	19.12	19.15		
10	64QAM	50	0	19.28	19.24	19.16	19.29		
10	256QAM	1	0	18.43	18.43	18.42	18.36	20	1
10	256QAM	1	25	18.34	18.22	18.33	18.07		
10	256QAM	1	49	18.38	18.40	18.20	18.31		
10	256QAM	25	0	18.42	18.42	18.36	18.23	20	1
10	256QAM	25	12	18.28	18.17	18.29	18.03		
10	256QAM	25	25	18.17	18.12	18.21	18.20		
10	256QAM	50	0	18.37	18.49	18.31	18.31		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.47	19.53	19.43	19.36	21	0
5	QPSK	1	12	19.39	19.31	19.27	19.11		
5	QPSK	1	24	19.43	19.38	19.21	19.36		
5	QPSK	12	0	19.39	19.46	19.30	19.19	21	0
5	QPSK	12	7	19.29	19.28	19.35	19.06		
5	QPSK	12	13	19.27	19.19	19.22	19.20		
5	QPSK	25	0	19.26	19.42	19.20	19.24		
5	16QAM	1	0	19.31	19.37	19.32	19.32	21	0
5	16QAM	1	12	19.22	19.19	19.24	19.01		
5	16QAM	1	24	19.25	19.34	19.12	19.17		
5	16QAM	12	0	19.38	19.40	19.33	19.12	21	0
5	16QAM	12	7	19.22	19.22	19.37	19.22		
5	16QAM	12	13	19.07	19.04	19.19	19.08		
5	16QAM	25	0	19.17	19.37	19.14	19.23		
5	64QAM	1	0	19.31	19.34	19.27	19.25	21	0
5	64QAM	1	12	19.29	19.23	19.24	19.05		
5	64QAM	1	24	19.35	19.37	19.14	19.15		
5	64QAM	12	0	19.27	19.38	19.21	19.10	21	0
5	64QAM	12	7	19.22	19.12	19.28	19.02		
5	64QAM	12	13	19.12	19.05	19.13	19.12		
5	64QAM	25	0	19.18	19.25	19.16	19.23		
5	256QAM	1	0	18.47	18.48	18.44	18.42	20	1
5	256QAM	1	12	18.37	18.31	18.27	18.06		
5	256QAM	1	24	18.46	18.42	18.19	18.30		
5	256QAM	12	0	18.43	18.37	18.44	18.26	20	1
5	256QAM	12	7	18.33	18.20	18.32	18.05		
5	256QAM	12	13	18.20	18.16	18.19	18.10		
5	256QAM	25	0	18.39	18.44	18.32	18.29		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.62	17.69	17.67		
20	QPSK	1	49	17.54	17.62	17.49	19	0
20	QPSK	1	99	17.54	17.62	17.51		
20	QPSK	50	0	17.49	17.66	17.57		
20	QPSK	50	24	17.48	17.52	17.38	19	0
20	QPSK	50	50	17.40	17.49	17.39		
20	QPSK	100	0	17.54	17.65	17.54		
20	16QAM	1	0	17.50	17.64	17.63		
20	16QAM	1	49	17.47	17.50	17.47	19	0
20	16QAM	1	99	17.49	17.56	17.38		
20	16QAM	50	0	17.46	17.52	17.49		
20	16QAM	50	24	17.36	17.43	17.31	19	0
20	16QAM	50	50	17.35	17.35	17.36		
20	16QAM	100	0	17.43	17.55	17.40		
20	64QAM	1	0	17.59	17.63	17.63		
20	64QAM	1	49	17.52	17.54	17.43	19	0
20	64QAM	1	99	17.51	17.60	17.42		
20	64QAM	50	0	17.38	17.52	17.49		
20	64QAM	50	24	17.42	17.46	17.36	19	0
20	64QAM	50	50	17.35	17.42	17.28		
20	64QAM	100	0	17.48	17.55	17.50		
20	256QAM	1	0	17.48	17.61	17.58		
20	256QAM	1	49	17.48	17.49	17.43	19	0
20	256QAM	1	99	17.41	17.53	17.37		
20	256QAM	50	0	17.44	17.60	17.53		
20	256QAM	50	24	17.42	17.40	17.27	19	0
20	256QAM	50	50	17.33	17.43	17.34		
20	256QAM	100	0	17.44	17.53	17.51		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.50	17.64	17.63		
15	QPSK	1	37	17.47	17.55	17.41	19	0
15	QPSK	1	74	17.44	17.55	17.37		
15	QPSK	36	0	17.38	17.60	17.51		
15	QPSK	36	20	17.39	17.47	17.33	19	0
15	QPSK	36	39	17.31	17.39	17.34		
15	QPSK	75	0	17.42	17.60	17.46		
15	16QAM	1	0	17.43	17.51	17.52		
15	16QAM	1	37	17.39	17.40	17.45	19	0
15	16QAM	1	74	17.37	17.44	17.28		
15	16QAM	36	0	17.41	17.42	17.39		
15	16QAM	36	20	17.29	17.33	17.20	19	0
15	16QAM	36	39	17.22	17.33	17.31		
15	16QAM	75	0	17.30	17.50	17.36		
15	64QAM	1	0	17.46	17.60	17.60		
15	64QAM	1	37	17.47	17.48	17.38	19	0
15	64QAM	1	74	17.48	17.46	17.28		
15	64QAM	36	0	17.25	17.43	17.39		
15	64QAM	36	20	17.33	17.40	17.22	19	0
15	64QAM	36	39	17.27	17.30	17.26		
15	64QAM	75	0	17.40	17.51	17.44		
15	256QAM	1	0	17.42	17.48	17.48		
15	256QAM	1	37	17.35	17.36	17.37	19	0
15	256QAM	1	74	17.27	17.51	17.29		
15	256QAM	36	0	17.42	17.51	17.44		
15	256QAM	36	20	17.33	17.27	17.13	19	0
15	256QAM	36	39	17.29	17.38	17.26		
15	256QAM	75	0	17.42	17.44	17.39		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.57	17.65	17.57		
10	QPSK	1	25	17.51	17.59	17.43	19	0
10	QPSK	1	49	17.50	17.51	17.41		
10	QPSK	25	0	17.44	17.58	17.47		
10	QPSK	25	12	17.45	17.39	17.33	19	0
10	QPSK	25	25	17.33	17.44	17.32		
10	QPSK	50	0	17.46	17.52	17.44		
10	16QAM	1	0	17.41	17.52	17.57		
10	16QAM	1	25	17.38	17.42	17.43	19	0
10	16QAM	1	49	17.37	17.43	17.36		
10	16QAM	25	0	17.42	17.43	17.40		
10	16QAM	25	12	17.33	17.38	17.23	19	0
10	16QAM	25	25	17.27	17.24	17.26		
10	16QAM	50	0	17.40	17.50	17.34		
10	64QAM	1	0	17.56	17.54	17.59		
10	64QAM	1	25	17.40	17.45	17.34	19	0
10	64QAM	1	49	17.45	17.49	17.31		
10	64QAM	25	0	17.34	17.45	17.39		
10	64QAM	25	12	17.32	17.35	17.30	19	0
10	64QAM	25	25	17.32	17.29	17.17		
10	64QAM	50	0	17.42	17.48	17.44		
10	256QAM	1	0	17.46	17.55	17.51		
10	256QAM	1	25	17.42	17.46	17.40	19	0
10	256QAM	1	49	17.34	17.48	17.27		
10	256QAM	25	0	17.33	17.58	17.45		
10	256QAM	25	12	17.39	17.29	17.22	19	0
10	256QAM	25	25	17.27	17.30	17.21		
10	256QAM	50	0	17.41	17.49	17.47		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.60	17.59	17.65		
5	QPSK	1	12	17.52	17.51	17.44	19	0
5	QPSK	1	24	17.44	17.59	17.49		
5	QPSK	12	0	17.36	17.53	17.48		
5	QPSK	12	7	17.46	17.47	17.25	19	0
5	QPSK	12	13	17.33	17.39	17.33		
5	QPSK	25	0	17.51	17.60	17.41		
5	16QAM	1	0	17.46	17.56	17.52		
5	16QAM	1	12	17.39	17.46	17.45	19	0
5	16QAM	1	24	17.40	17.44	17.24		
5	16QAM	12	0	17.41	17.43	17.42		
5	16QAM	12	7	17.24	17.40	17.19	19	0
5	16QAM	12	13	17.29	17.22	17.28		
5	16QAM	25	0	17.36	17.42	17.33		
5	64QAM	1	0	17.49	17.52	17.58		
5	64QAM	1	12	17.49	17.48	17.30	19	0
5	64QAM	1	24	17.40	17.47	17.34		
5	64QAM	12	0	17.30	17.48	17.45		
5	64QAM	12	7	17.36	17.39	17.23	19	0
5	64QAM	12	13	17.22	17.36	17.16		
5	64QAM	25	0	17.39	17.43	17.40		
5	256QAM	1	0	17.46	17.59	17.45		
5	256QAM	1	12	17.42	17.37	17.41	19	0
5	256QAM	1	24	17.29	17.45	17.24		
5	256QAM	12	0	17.33	17.54	17.39		
5	256QAM	12	7	17.32	17.29	17.18	19	0
5	256QAM	12	13	17.25	17.38	17.27		
5	256QAM	25	0	17.37	17.45	17.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.06	19.13	19.12	19.07		
20	QPSK	1	49	19.04	19.05	19.08	18.94	20.5	0
20	QPSK	1	99	18.95	19.01	19.04	18.94		
20	QPSK	50	0	18.95	19.10	19.02	19.04		
20	QPSK	50	24	19.01	18.97	19.02	18.89	20.5	0
20	QPSK	50	50	18.91	18.93	18.90	18.89		
20	QPSK	100	0	18.93	19.08	19.07	19.01		
20	16QAM	1	0	19.00	19.03	19.03	18.96		
20	16QAM	1	49	18.94	19.00	18.99	18.84	20.5	0
20	16QAM	1	99	18.84	18.87	18.99	18.89		
20	16QAM	50	0	18.93	19.00	18.88	19.00		
20	16QAM	50	24	18.94	18.88	18.96	18.77	20.5	0
20	16QAM	50	50	18.82	18.81	18.84	18.78		
20	16QAM	100	0	18.81	19.03	18.96	18.96		
20	64QAM	1	0	18.99	19.06	19.04	19.04		
20	64QAM	1	49	18.91	19.01	19.05	18.89	20.5	0
20	64QAM	1	99	18.90	18.95	19.02	18.88		
20	64QAM	50	0	18.92	19.06	18.97	18.92		
20	64QAM	50	24	18.90	18.84	18.93	18.85	20.5	0
20	64QAM	50	50	18.81	18.84	18.78	18.80		
20	64QAM	100	0	18.86	19.04	18.94	18.87		
20	256QAM	1	0	18.06	18.10	18.10	18.05		
20	256QAM	1	49	18.02	18.01	18.06	17.95	19.5	1
20	256QAM	1	99	18.00	17.95	18.09	17.98		
20	256QAM	50	0	17.94	18.13	18.07	18.01		
20	256QAM	50	24	17.98	18.00	18.04	17.89	19.5	1
20	256QAM	50	50	17.86	17.89	17.96	17.88		
20	256QAM	100	0	17.87	18.11	18.01	17.98		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.02	19.03	19.06	19.04		
15	QPSK	1	37	18.97	18.97	19.01	18.86	20.5	0
15	QPSK	1	74	18.87	18.98	18.95	18.82		
15	QPSK	36	0	18.91	19.04	18.93	18.95		
15	QPSK	36	20	18.88	18.94	19.00	18.83	20.5	0
15	QPSK	36	39	18.77	18.90	18.82	18.75		
15	QPSK	75	0	18.82	19.01	19.04	18.97		
15	16QAM	1	0	18.95	18.93	18.96	18.91		
15	16QAM	1	37	18.82	18.92	18.86	18.71	20.5	0
15	16QAM	1	74	18.72	18.84	18.95	18.76		
15	16QAM	36	0	18.87	18.89	18.75	18.92		
15	16QAM	36	20	18.91	18.77	18.90	18.71	20.5	0
15	16QAM	36	39	18.74	18.72	18.77	18.73		
15	16QAM	75	0	18.69	19.01	18.83	18.87		
15	64QAM	1	0	18.92	18.93	18.91	18.91		
15	64QAM	1	37	18.82	18.91	18.92	18.87	20.5	0
15	64QAM	1	74	18.83	18.93	18.95	18.80		
15	64QAM	36	0	18.86	19.01	18.86	18.83		
15	64QAM	36	20	18.85	18.75	18.82	18.83	20.5	0
15	64QAM	36	39	18.75	18.82	18.74	18.70		
15	64QAM	75	0	18.74	18.91	18.89	18.82		
15	256QAM	1	0	17.93	18.01	18.05	17.98		
15	256QAM	1	37	17.97	17.96	17.98	17.82	19.5	1
15	256QAM	1	74	17.94	17.82	18.00	17.90		
15	256QAM	36	0	17.80	18.03	18.02	17.87		
15	256QAM	36	20	17.84	17.89	18.01	17.83	19.5	1
15	256QAM	36	39	17.84	17.76	17.92	17.82		
15	256QAM	75	0	17.79	17.99	17.87	17.88		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.02	19.10	19.05	19.02		
10	QPSK	1	25	18.91	18.95	18.99	18.90	20.5	0
10	QPSK	1	49	18.90	18.88	19.02	18.88		
10	QPSK	25	0	18.90	19.06	18.93	18.99		
10	QPSK	25	12	18.95	18.86	18.94	18.81	20.5	0
10	QPSK	25	25	18.78	18.86	18.86	18.84		
10	QPSK	50	0	18.84	18.99	18.99	18.92		
10	16QAM	1	0	18.93	18.91	18.96	18.91		
10	16QAM	1	25	18.91	18.86	18.94	18.79	20.5	0
10	16QAM	1	49	18.72	18.83	18.86	18.84		
10	16QAM	25	0	18.90	18.86	18.77	18.89		
10	16QAM	25	12	18.81	18.77	18.89	18.72	20.5	0
10	16QAM	25	25	18.68	18.75	18.80	18.69		
10	16QAM	50	0	18.67	18.96	18.94	18.88		
10	64QAM	1	0	18.93	19.00	18.94	18.91		
10	64QAM	1	25	18.83	18.93	18.99	18.81	20.5	0
10	64QAM	1	49	18.81	18.92	18.89	18.77		
10	64QAM	25	0	18.81	19.02	18.87	18.87		
10	64QAM	25	12	18.87	18.74	18.89	18.72	20.5	0
10	64QAM	25	25	18.68	18.72	18.74	18.69		
10	64QAM	50	0	18.72	18.95	18.89	18.82		
10	256QAM	1	0	18.03	18.02	18.04	17.96		
10	256QAM	1	25	17.96	17.90	17.96	17.91	19.5	1
10	256QAM	1	49	17.94	17.83	17.97	17.94		
10	256QAM	25	0	17.82	18.10	18.01	17.90		
10	256QAM	25	12	17.86	17.94	17.96	17.83	19.5	1
10	256QAM	25	25	17.73	17.82	17.85	17.85		
10	256QAM	50	0	17.75	18.04	17.91	17.95		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.03	19.01	19.10	18.96		
5	QPSK	1	12	18.98	19.02	18.95	18.80	20.5	0
5	QPSK	1	24	18.83	18.94	18.95	18.92		
5	QPSK	12	0	18.93	19.07	18.90	18.93		
5	QPSK	12	7	18.96	18.92	18.93	18.75	20.5	0
5	QPSK	12	13	18.86	18.84	18.80	18.84		
5	QPSK	25	0	18.88	18.98	19.01	18.91		
5	16QAM	1	0	18.93	18.90	18.98	18.88		
5	16QAM	1	12	18.89	18.97	18.93	18.75	20.5	0
5	16QAM	1	24	18.80	18.78	18.92	18.78		
5	16QAM	12	0	18.90	18.93	18.77	18.95		
5	16QAM	12	7	18.80	18.85	18.87	18.71	20.5	0
5	16QAM	12	13	18.74	18.70	18.80	18.75		
5	16QAM	25	0	18.78	18.99	18.87	18.90		
5	64QAM	1	0	18.91	18.93	18.93	18.92		
5	64QAM	1	12	18.80	18.88	18.95	18.81	20.5	0
5	64QAM	1	24	18.82	18.86	18.89	18.82		
5	64QAM	12	0	18.80	18.94	18.92	18.84		
5	64QAM	12	7	18.83	18.75	18.83	18.80	20.5	0
5	64QAM	12	13	18.78	18.75	18.73	18.75		
5	64QAM	25	0	18.84	18.91	18.92	18.73		
5	256QAM	1	0	17.99	18.03	17.97	17.98		
5	256QAM	1	12	17.96	17.89	17.95	17.86	19.5	1
5	256QAM	1	24	17.90	17.92	18.06	17.93		
5	256QAM	12	0	17.91	18.06	17.95	17.92		
5	256QAM	12	7	17.96	17.97	17.90	17.87	19.5	1
5	256QAM	12	13	17.74	17.75	17.88	17.83		
5	256QAM	25	0	17.80	17.99	17.91	17.95		

Full & Default Power_Other PA

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	25.16	25.37	25.12		
10	QPSK	1	25	25.05	25.30	25.01	25.7	0
10	QPSK	1	49	25.13	25.26	25.02		
10	QPSK	25	0	24.12	24.41	24.10		
10	QPSK	25	12	23.99	24.27	24.02	24.7	1
10	QPSK	25	25	24.12	24.28	24.05		
10	QPSK	50	0	24.13	24.35	24.15		
10	16QAM	1	0	24.21	24.34	24.16		
10	16QAM	1	25	24.03	24.32	23.99	24.7	1
10	16QAM	1	49	24.16	24.25	23.97		
10	16QAM	25	0	23.17	23.35	23.07		
10	16QAM	25	12	23.02	23.33	22.97	23.7	2
10	16QAM	25	25	23.16	23.29	23.09		
10	16QAM	50	0	23.08	23.37	23.21		
10	64QAM	1	0	23.26	23.29	23.21		
10	64QAM	1	25	23.06	23.35	22.96	23.7	2
10	64QAM	1	49	23.18	23.20	23.00		
10	64QAM	25	0	22.09	22.45	22.09		
10	64QAM	25	12	22.02	22.25	22.07	22.7	3
10	64QAM	25	25	22.17	22.23	22.02		
10	64QAM	50	0	22.09	22.32	22.21		
10	256QAM	1	0	20.10	20.43	20.12		
10	256QAM	1	25	20.04	20.30	20.06	20.7	5
10	256QAM	1	49	20.13	20.23	20.09		
10	256QAM	25	0	20.19	20.40	20.11		
10	256QAM	25	12	20.22	20.32	20.15	20.7	5
10	256QAM	25	25	19.98	20.28	19.95		
10	256QAM	50	0	20.13	20.20	20.02		
Channel				20425	20525	20625	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.14	25.24	25.07		
5	QPSK	1	12	24.92	25.25	24.87	25.7	0
5	QPSK	1	24	25.00	25.21	24.97		
5	QPSK	12	0	24.03	24.38	23.96		
5	QPSK	12	7	23.86	24.19	23.91	24.7	1
5	QPSK	12	13	24.05	24.22	24.00		
5	QPSK	25	0	24.06	24.26	24.11		
5	16QAM	1	0	24.11	24.28	24.09		
5	16QAM	1	12	23.97	24.20	23.95	24.7	1
5	16QAM	1	24	24.10	24.21	23.92		
5	16QAM	12	0	23.03	23.28	22.94		
5	16QAM	12	7	22.93	23.22	22.92	23.7	2
5	16QAM	12	13	23.04	23.17	23.06		
5	16QAM	25	0	22.95	23.30	23.08		
5	64QAM	1	0	23.21	23.25	23.18		
5	64QAM	1	12	23.02	23.32	22.91	23.7	2
5	64QAM	1	24	23.06	23.17	22.92		
5	64QAM	12	0	22.07	22.35	22.05		
5	64QAM	12	7	21.97	22.14	21.95	22.7	3
5	64QAM	12	13	22.13	22.18	21.90		
5	64QAM	25	0	22.00	22.21	22.16		
5	256QAM	1	0	19.99	20.37	20.05		
5	256QAM	1	12	19.93	20.24	20.02	20.7	5
5	256QAM	1	24	20.08	20.11	20.02		
5	256QAM	12	0	20.05	20.35	19.98		
5	256QAM	12	7	20.12	20.29	20.09	20.7	5
5	256QAM	12	13	19.86	20.17	19.90		
5	256QAM	25	0	20.08	20.11	19.94		
Channel				20415	20525	20635	Tune-up limit	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.07	25.23	25.03		
3	QPSK	1	8	24.99	25.20	24.91	25.7	0
3	QPSK	1	14	25.05	25.17	24.88		
3	QPSK	8	0	24.07	24.33	24.02		
3	QPSK	8	4	23.91	24.14	23.94	24.7	1
3	QPSK	8	7	24.05	24.25	24.00		
3	QPSK	15	0	24.02	24.29	24.09		
3	16QAM	1	0	24.12	24.31	24.10		
3	16QAM	1	8	23.94	24.22	23.86	24.7	1
3	16QAM	1	14	24.09	24.13	23.94		
3	16QAM	8	0	23.12	23.23	22.97		
3	16QAM	8	4	22.92	23.30	22.85	23.7	2
3	16QAM	8	7	23.02	23.25	23.07		
3	16QAM	15	0	23.02	23.30	23.09		
3	64QAM	1	0	23.24	23.23	23.15		
3	64QAM	1	8	22.93	23.29	22.88	23.7	2
3	64QAM	1	14	23.05	23.16	22.97		
3	64QAM	8	0	21.95	22.38	22.05		
3	64QAM	8	4	21.97	22.15	21.98	22.7	3
3	64QAM	8	7	22.13	22.21	21.99		
3	64QAM	15	0	21.95	22.21	22.09		
3	256QAM	1	0	20.07	20.39	20.10		
3	256QAM	1	8	19.94	20.18	20.00	20.7	5
3	256QAM	1	14	20.07	20.12	19.96		
3	256QAM	8	0	20.16	20.27	20.05		
3	256QAM	8	4	20.11	20.24	20.01	20.7	5
3	256QAM	8	7	19.90	20.21	19.83		
3	256QAM	15	0	20.07	20.14	19.92		
Channel				20407	20525	20643	Tune-up limit	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.14	25.30	24.98		
1.4	QPSK	1	3	24.93	25.27	24.91		
1.4	QPSK	1	5	25.01	25.22	24.97	25.7	0
1.4	QPSK	3	0	25.03	25.25	24.91		
1.4	QPSK	3	1	24.80	25.14	24.88		
1.4	QPSK	3	3	24.93	25.13	24.93		
1.4	QPSK	6	0	24.07	24.30	24.02	24.7	1
1.4	16QAM	1	0	24.15	24.28	24.14		
1.4	16QAM	1	3	23.95	24.25	23.92		
1.4	16QAM	1	5	24.08	24.12	23.95	24.7	1
1.4	16QAM	3	0	24.01	24.22	24.00		
1.4	16QAM	3	1	24.01	24.18	24.02		
1.4	16QAM	3	3	23.92	24.22	23.87		
1.4	16QAM	6	0	23.02	23.34	23.17	23.7	2
1.4	64QAM	1	0	23.19	23.24	23.10		
1.4	64QAM	1	3	22.95	23.24	22.86		
1.4	64QAM	1	5	23.12	23.15	22.91	23.7	2
1.4	64QAM	3	0	22.96	23.27	23.15		
1.4	64QAM	3	1	23.12	23.13	23.04		
1.4	64QAM	3	3	22.88	23.14	22.80		
1.4	64QAM	6	0	21.97	22.25	22.10	22.7	3
1.4	256QAM	1	0	19.97	20.34	20.01		
1.4	256QAM	1	3	20.02	20.22	19.96		
1.4	256QAM	1	5	20.07	20.16	20.02	20.7	5
1.4	256QAM	3	0	20.14	20.33	19.98		
1.4	256QAM	3	1	20.14	20.27	20.12		
1.4	256QAM	3	3	19.94	20.20	19.85		
1.4	256QAM	6	0	20.00	20.12	19.94	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	25.31	25.33	25.26	25.7	0
10	QPSK	1	25	25.27	25.30	25.14		
10	QPSK	1	49	25.28	25.28	25.14		
10	QPSK	25	0	24.30	24.31	24.26	24.7	1
10	QPSK	25	12	24.25	24.28	24.18		
10	QPSK	25	25	24.28	24.30	24.18		
10	QPSK	50	0	24.26	24.30	24.26		
10	16QAM	1	0	24.32	24.27	24.27	24.7	1
10	16QAM	1	25	24.30	24.34	24.16		
10	16QAM	1	49	24.32	24.32	24.16		
10	16QAM	25	0	23.35	23.28	23.25	23.7	2
10	16QAM	25	12	23.24	23.26	23.20		
10	16QAM	25	25	23.32	23.36	23.13		
10	16QAM	50	0	23.21	23.35	23.29		
10	64QAM	1	0	23.36	23.26	23.26	23.7	2
10	64QAM	1	25	23.27	23.38	23.14		
10	64QAM	1	49	23.34	23.35	23.19		
10	64QAM	25	0	22.33	22.34	22.31	22.7	3
10	64QAM	25	12	22.24	22.25	22.22		
10	64QAM	25	25	22.26	22.33	22.24		
10	64QAM	50	0	22.31	22.35	22.29		
10	256QAM	1	0	20.24	20.34	20.29	20.7	5
10	256QAM	1	25	20.22	20.29	20.12		
10	256QAM	1	49	20.27	20.34	20.20		
10	256QAM	25	0	20.31	20.27	20.24	20.7	5
10	256QAM	25	12	20.36	20.27	20.28		
10	256QAM	25	25	20.28	20.38	20.16		
10	256QAM	50	0	20.30	20.30	20.20		
Channel				20425	20525	20625	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.21	25.20	25.21	25.7	0
5	QPSK	1	12	25.13	25.25	25.03		
5	QPSK	1	24	25.16	25.15	25.10		
5	QPSK	12	0	24.23	24.23	24.23	24.7	1
5	QPSK	12	7	24.21	24.26	24.13		
5	QPSK	12	13	24.23	24.24	24.10		
5	QPSK	25	0	24.22	24.19	24.13		
5	16QAM	1	0	24.29	24.18	24.14	24.7	1
5	16QAM	1	12	24.21	24.21	24.13		
5	16QAM	1	24	24.22	24.20	24.07		
5	16QAM	12	0	23.26	23.25	23.17	23.7	2
5	16QAM	12	7	23.14	23.17	23.14		
5	16QAM	12	13	23.27	23.29	23.10		
5	16QAM	25	0	23.11	23.21	23.23		
5	64QAM	1	0	23.25	23.12	23.19	23.7	2
5	64QAM	1	12	23.13	23.30	23.10		
5	64QAM	1	24	23.21	23.27	23.09		
5	64QAM	12	0	22.30	22.21	22.23	22.7	3
5	64QAM	12	7	22.12	22.13	22.20		
5	64QAM	12	13	22.19	22.25	22.14		
5	64QAM	25	0	22.25	22.26	22.20		
5	256QAM	1	0	20.17	20.30	20.16	20.7	5
5	256QAM	1	12	20.10	20.17	20.01		
5	256QAM	1	24	20.21	20.24	20.11		
5	256QAM	12	0	20.19	20.24	20.11	20.7	5
5	256QAM	12	7	20.28	20.24	20.25		
5	256QAM	12	13	20.25	20.29	20.14		
5	256QAM	25	0	20.20	20.20	20.07		
Channel				20415	20525	20635	Tune-up limit	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.18	25.29	25.18	25.7	0
3	QPSK	1	8	25.24	25.26	25.07		
3	QPSK	1	14	25.25	25.24	25.04		
3	QPSK	8	0	24.23	24.23	24.12	24.7	1
3	QPSK	8	4	24.17	24.15	24.16		
3	QPSK	8	7	24.23	24.23	24.09		
3	QPSK	15	0	24.17	24.23	24.18		
3	16QAM	1	0	24.28	24.19	24.18	24.7	1
3	16QAM	1	8	24.27	24.32	24.07		
3	16QAM	1	14	24.23	24.21	24.08		
3	16QAM	8	0	23.29	23.19	23.23	23.7	2
3	16QAM	8	4	23.11	23.21	23.17		
3	16QAM	8	7	23.24	23.32	23.03		
3	16QAM	15	0	23.19	23.30	23.26		
3	64QAM	1	0	23.28	23.16	23.16	23.7	2
3	64QAM	1	8	23.19	23.31	23.07		
3	64QAM	1	14	23.30	23.24	23.14		
3	64QAM	8	0	22.25	22.31	22.27	22.7	3
3	64QAM	8	4	22.15	22.17	22.13		
3	64QAM	8	7	22.17	22.26	22.16		
3	64QAM	15	0	22.24	22.32	22.19		
3	256QAM	1	0	20.17	20.31	20.26	20.7	5
3	256QAM	1	8	20.19	20.17	19.99		
3	256QAM	1	14	20.22	20.27	20.12		
3	256QAM	8	0	20.26	20.16	20.18	20.7	5
3	256QAM	8	4	20.29	20.15	20.22		
3	256QAM	8	7	20.16	20.28	20.08		
3	256QAM	15	0	20.24	20.21	20.15		
Channel				20407	20525	20643	Tune-up limit	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.29	25.24	25.22	25.7	0
1.4	QPSK	1	3	25.15	25.26	25.04		
1.4	QPSK	1	5	25.18	25.20	25.09		
1.4	QPSK	3	0	25.24	25.20	25.10		
1.4	QPSK	3	1	25.08	25.22	24.91		
1.4	QPSK	3	3	25.15	25.10	25.07		
1.4	QPSK	6	0	24.19	24.16	24.22	24.7	1
1.4	16QAM	1	0	24.24	24.16	24.14	24.7	1
1.4	16QAM	1	3	24.16	24.28	24.04		
1.4	16QAM	1	5	24.19	24.19	24.11		
1.4	16QAM	3	0	24.14	24.09	24.17		
1.4	16QAM	3	1	24.11	24.10	24.01		
1.4	16QAM	3	3	24.10	24.25	24.02		
1.4	16QAM	6	0	23.17	23.22	23.25	23.7	2
1.4	64QAM	1	0	23.32	23.13	23.17	23.7	2
1.4	64QAM	1	3	23.20	23.33	23.09		
1.4	64QAM	1	5	23.30	23.30	23.16		
1.4	64QAM	3	0	23.10	23.19	23.17		
1.4	64QAM	3	1	23.30	23.05	23.15		
1.4	64QAM	3	3	23.17	23.25	22.96		
1.4	64QAM	6	0	22.20	22.28	22.26	22.7	3
1.4	256QAM	1	0	20.16	20.31	20.23	20.7	5
1.4	256QAM	1	3	20.13	20.25	20.08		
1.4	256QAM	1	5	20.15	20.30	20.07		
1.4	256QAM	3	0	20.26	20.13	20.18		
1.4	256QAM	3	1	20.29	20.15	20.16		
1.4	256QAM	3	3	20.14	20.28	20.04		
1.4	256QAM	6	0	20.21	20.20	20.10	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	24.51	24.54	24.48	25.5	0
20	QPSK	1	49	24.39	24.49	24.42		
20	QPSK	1	99	24.47	24.47	24.46		
20	QPSK	50	0	23.48	23.58	23.54	24.5	1
20	QPSK	50	24	23.45	23.48	23.45		
20	QPSK	50	50	23.46	23.47	23.41		
20	QPSK	100	0	23.48	23.52	23.44		
20	16QAM	1	0	23.46	23.50	23.47	24.5	1
20	16QAM	1	49	23.36	23.52	23.40		
20	16QAM	1	99	23.42	23.49	23.49		
20	16QAM	50	0	22.44	22.58	22.50	23.5	2
20	16QAM	50	24	22.47	22.51	22.47		
20	16QAM	50	50	22.51	22.49	22.36		
20	16QAM	100	0	22.52	22.47	22.47		
20	64QAM	1	0	22.47	22.54	22.51	23.5	2
20	64QAM	1	49	22.35	22.51	22.36		
20	64QAM	1	99	22.46	22.54	22.48		
20	64QAM	50	0	21.46	21.61	21.50	22.5	3
20	64QAM	50	24	21.50	21.53	21.49		
20	64QAM	50	50	21.47	21.42	21.44		
20	64QAM	100	0	21.42	21.58	21.46		
20	256QAM	1	0	19.51	19.53	19.60	20.5	5
20	256QAM	1	49	19.40	19.52	19.44		
20	256QAM	1	99	19.45	19.43	19.35		
20	256QAM	50	0	19.53	19.54	19.39	20.5	5
20	256QAM	50	24	19.49	19.48	19.46		
20	256QAM	50	50	19.40	19.51	19.45		
20	256QAM	100	0	19.41	19.43	19.47		
Channel				20825	21100	21375	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.47	24.41	24.37	25.5	0
15	QPSK	1	37	24.29	24.42	24.39		
15	QPSK	1	74	24.39	24.33	24.34		
15	QPSK	36	0	23.34	23.48	23.45	24.5	1
15	QPSK	36	20	23.42	23.36	23.34		
15	QPSK	36	39	23.33	23.44	23.28		
15	QPSK	75	0	23.39	23.45	23.42		
15	16QAM	1	0	23.43	23.46	23.37	24.5	1
15	16QAM	1	37	23.32	23.44	23.27		
15	16QAM	1	74	23.40	23.43	23.39		
15	16QAM	36	0	22.40	22.48	22.45	23.5	2
15	16QAM	36	20	22.34	22.42	22.45		
15	16QAM	36	39	22.49	22.46	22.33		
15	16QAM	75	0	22.40	22.44	22.42		
15	64QAM	1	0	22.37	22.44	22.40	23.5	2
15	64QAM	1	37	22.26	22.46	22.28		
15	64QAM	1	74	22.43	22.46	22.38		
15	64QAM	36	0	21.33	21.54	21.44	22.5	3
15	64QAM	36	20	21.41	21.40	21.37		
15	64QAM	36	39	21.36	21.29	21.40		
15	64QAM	75	0	21.31	21.52	21.34		
15	256QAM	1	0	19.40	19.45	19.51	20.5	5
15	256QAM	1	37	19.28	19.48	19.42		
15	256QAM	1	74	19.39	19.30	19.22		
15	256QAM	36	0	19.39	19.42	19.26	20.5	5
15	256QAM	36	20	19.44	19.38	19.37		
15	256QAM	36	39	19.33	19.41	19.37		
15	256QAM	75	0	19.36	19.33	19.44		
Channel				20800	21100	21400	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.45	24.43	24.39	25.5	0
10	QPSK	1	25	24.32	24.43	24.39		
10	QPSK	1	49	24.41	24.44	24.43		
10	QPSK	25	0	23.38	23.54	23.52	24.5	1
10	QPSK	25	12	23.36	23.45	23.34		
10	QPSK	25	25	23.33	23.38	23.37		
10	QPSK	50	0	23.43	23.48	23.41		
10	16QAM	1	0	23.37	23.37	23.35	24.5	1
10	16QAM	1	25	23.25	23.42	23.33		
10	16QAM	1	49	23.35	23.39	23.40		
10	16QAM	25	0	22.40	22.53	22.45	23.5	2
10	16QAM	25	12	22.42	22.48	22.33		
10	16QAM	25	25	22.41	22.38	22.28		
10	16QAM	50	0	22.45	22.38	22.39		
10	64QAM	1	0	22.43	22.45	22.46	23.5	2
10	64QAM	1	25	22.31	22.44	22.24		
10	64QAM	1	49	22.36	22.45	22.36		
10	64QAM	25	0	21.33	21.51	21.44	22.5	3
10	64QAM	25	12	21.47	21.41	21.37		
10	64QAM	25	25	21.36	21.28	21.31		
10	64QAM	50	0	21.38	21.48	21.38		
10	256QAM	1	0	19.37	19.39	19.54	20.5	5
10	256QAM	1	25	19.30	19.40	19.30		
10	256QAM	1	49	19.32	19.35	19.22		
10	256QAM	25	0	19.47	19.44	19.31	20.5	5
10	256QAM	25	12	19.42	19.34	19.36		
10	256QAM	25	25	19.37	19.39	19.32		
10	256QAM	50	0	19.37	19.41	19.44		
Channel				20775	21100	21425	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.42	24.50	24.45	25.5	0
5	QPSK	1	12	24.32	24.44	24.29		
5	QPSK	1	24	24.43	24.41	24.33		
5	QPSK	12	0	23.35	23.51	23.47	24.5	1
5	QPSK	12	7	23.35	23.40	23.36		
5	QPSK	12	13	23.40	23.40	23.30		
5	QPSK	25	0	23.45	23.39	23.32		
5	16QAM	1	0	23.34	23.45	23.38	24.5	1
5	16QAM	1	12	23.34	23.44	23.29		
5	16QAM	1	24	23.28	23.38	23.42		
5	16QAM	12	0	22.34	22.54	22.41	23.5	2
5	16QAM	12	7	22.36	22.38	22.40		
5	16QAM	12	13	22.49	22.46	22.24		
5	16QAM	25	0	22.45	22.40	22.38		
5	64QAM	1	0	22.43	22.42	22.46	23.5	2
5	64QAM	1	12	22.24	22.40	22.34		
5	64QAM	1	24	22.39	22.47	22.45		
5	64QAM	12	0	21.38	21.56	21.42	22.5	3
5	64QAM	12	7	21.45	21.47	21.42		
5	64QAM	12	13	21.40	21.37	21.38		
5	64QAM	25	0	21.36	21.49	21.41		
5	256QAM	1	0	19.47	19.48	19.54	20.5	5
5	256QAM	1	12	19.26	19.42	19.31		
5	256QAM	1	24	19.33	19.32	19.23		
5	256QAM	12	0	19.47	19.45	19.34	20.5	5
5	256QAM	12	7	19.42	19.42	19.43		
5	256QAM	12	13	19.31	19.37	19.33		
5	256QAM	25	0	19.34	19.30	19.33		

Band 7 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.00	24.05	23.95	25.2	0
20	QPSK	1	49	23.89	23.96	23.86		
20	QPSK	1	99	23.87	23.97	23.85		
20	QPSK	50	0	23.06	23.09	22.93	24.2	1
20	QPSK	50	24	22.86	22.99	22.87		
20	QPSK	50	50	22.93	22.94	22.89		
20	QPSK	100	0	23.05	23.08	22.90		
20	16QAM	1	0	23.01	23.05	22.93	24.2	1
20	16QAM	1	49	22.87	22.91	22.83		
20	16QAM	1	99	22.85	22.97	22.91		
20	16QAM	50	0	22.07	22.07	21.89	23.2	2
20	16QAM	50	24	21.85	22.01	21.92		
20	16QAM	50	50	21.91	21.92	21.90		
20	16QAM	100	0	22.08	22.03	21.87		
20	64QAM	1	0	21.98	22.06	21.92	23.2	2
20	64QAM	1	49	21.92	21.93	21.80		
20	64QAM	1	99	21.82	21.96	21.87		
20	64QAM	50	0	21.11	21.05	20.95	22.2	3
20	64QAM	50	24	20.83	21.03	20.87		
20	64QAM	50	50	20.91	20.98	20.91		
20	64QAM	100	0	21.04	21.10	20.95		
20	256QAM	1	0	19.08	19.13	18.87	20.2	5
20	256QAM	1	49	18.88	19.03	18.86		
20	256QAM	1	99	18.94	18.88	18.94		
20	256QAM	50	0	19.07	19.11	18.87	20.2	5
20	256QAM	50	24	18.98	19.03	18.96		
20	256QAM	50	50	18.90	18.87	18.88		
20	256QAM	100	0	18.85	18.95	18.97		
Channel				20825	21100	21375	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.94	23.92	23.93	25.2	0
15	QPSK	1	37	23.77	23.90	23.74		
15	QPSK	1	74	23.81	23.83	23.74		
15	QPSK	36	0	22.99	23.02	22.81	24.2	1
15	QPSK	36	20	22.75	22.95	22.77		
15	QPSK	36	39	22.83	22.91	22.75		
15	QPSK	75	0	22.93	22.98	22.87		
15	16QAM	1	0	22.95	23.01	22.90	24.2	1
15	16QAM	1	37	22.83	22.79	22.73		
15	16QAM	1	74	22.82	22.87	22.84		
15	16QAM	36	0	21.98	21.96	21.77	23.2	2
15	16QAM	36	20	21.81	21.91	21.81		
15	16QAM	36	39	21.82	21.88	21.86		
15	16QAM	75	0	22.00	21.98	21.74		
15	64QAM	1	0	21.88	21.93	21.79	23.2	2
15	64QAM	1	37	21.88	21.89	21.68		
15	64QAM	1	74	21.73	21.83	21.78		
15	64QAM	36	0	21.04	20.94	20.88	22.2	3
15	64QAM	36	20	20.70	20.91	20.83		
15	64QAM	36	39	20.89	20.92	20.81		
15	64QAM	75	0	20.99	21.01	20.88		
15	256QAM	1	0	19.02	19.07	18.76	20.2	5
15	256QAM	1	37	18.79	18.93	18.77		
15	256QAM	1	74	18.81	18.80	18.84		
15	256QAM	36	0	19.05	19.02	18.76	20.2	5
15	256QAM	36	20	18.94	18.99	18.84		
15	256QAM	36	39	18.82	18.77	18.77		
15	256QAM	75	0	18.81	18.89	18.83		
Channel				20800	21100	21400	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.93	23.98	23.83	25.2	0
10	QPSK	1	25	23.84	23.87	23.84		
10	QPSK	1	49	23.77	23.93	23.78		
10	QPSK	25	0	23.03	22.98	22.87	24.2	1
10	QPSK	25	12	22.72	22.86	22.76		
10	QPSK	25	25	22.85	22.85	22.86		
10	QPSK	50	0	22.97	22.97	22.84		
10	16QAM	1	0	22.98	22.92	22.88	24.2	1
10	16QAM	1	25	22.77	22.85	22.70		
10	16QAM	1	49	22.82	22.85	22.77		
10	16QAM	25	0	21.99	22.02	21.83	23.2	2
10	16QAM	25	12	21.79	21.88	21.79		
10	16QAM	25	25	21.86	21.82	21.84		
10	16QAM	50	0	22.00	21.91	21.82		
10	64QAM	1	0	21.89	21.96	21.88	23.2	2
10	64QAM	1	25	21.88	21.84	21.75		
10	64QAM	1	49	21.74	21.87	21.81		
10	64QAM	25	0	21.06	20.92	20.85	22.2	3
10	64QAM	25	12	20.71	20.99	20.73		
10	64QAM	25	25	20.80	20.96	20.83		
10	64QAM	50	0	20.96	21.03	20.93		
10	256QAM	1	0	18.98	19.11	18.82	20.2	5
10	256QAM	1	25	18.79	18.89	18.81		
10	256QAM	1	49	18.89	18.81	18.84		
10	256QAM	25	0	19.04	19.01	18.76	20.2	5
10	256QAM	25	12	18.87	18.99	18.85		
10	256QAM	25	25	18.78	18.75	18.82		
10	256QAM	50	0	18.74	18.83	18.95		
Channel				20775	21100	21425	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.93	23.95	23.90	25.2	0
5	QPSK	1	12	23.79	23.91	23.77		
5	QPSK	1	24	23.73	23.91	23.82		
5	QPSK	12	0	22.93	22.95	22.83	24.2	1
5	QPSK	12	7	22.76	22.93	22.74		
5	QPSK	12	13	22.88	22.80	22.83		
5	QPSK	25	0	22.99	22.96	22.86		
5	16QAM	1	0	22.96	23.02	22.79	24.2	1
5	16QAM	1	12	22.83	22.79	22.76		
5	16QAM	1	24	22.77	22.85	22.78		
5	16QAM	12	0	21.98	22.01	21.77	23.2	2
5	16QAM	12	7	21.81	21.97	21.81		
5	16QAM	12	13	21.89	21.89	21.79		
5	16QAM	25	0	21.95	21.98	21.76		
5	64QAM	1	0	21.85	21.97	21.80	23.2	2
5	64QAM	1	12	21.89	21.82	21.73		
5	64QAM	1	24	21.74	21.92	21.84		
5	64QAM	12	0	21.05	21.02	20.93	22.2	3
5	64QAM	12	7	20.69	20.97	20.76		
5	64QAM	12	13	20.82	20.91	20.77		
5	64QAM	25	0	20.92	20.96	20.83		
5	256QAM	1	0	19.01	19.07	18.84	20.2	5
5	256QAM	1	12	18.83	18.91	18.78		
5	256QAM	1	24	18.91	18.82	18.85		
5	256QAM	12	0	19.01	19.00	18.78	20.2	5
5	256QAM	12	7	18.95	18.93	18.89		
5	256QAM	12	13	18.80	18.84	18.82		
5	256QAM	25	0	18.80	18.85	18.84		

Band 7 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	25.00	25.02	24.92	25.7	0
20	QPSK	1	49	24.88	24.95	24.83		
20	QPSK	1	99	24.93	24.92	24.83		
20	QPSK	50	0	24.01	24.08	23.95	24.7	1
20	QPSK	50	24	23.93	23.98	23.78		
20	QPSK	50	50	23.91	23.89	23.79		
20	QPSK	100	0	24.02	24.06	23.94		
20	16QAM	1	0	24.00	24.03	23.94	24.7	1
20	16QAM	1	49	23.90	23.90	23.81		
20	16QAM	1	99	23.98	23.97	23.83		
20	16QAM	50	0	23.02	23.11	23.01	23.7	2
20	16QAM	50	24	22.97	23.04	22.80		
20	16QAM	50	50	22.91	22.94	22.73		
20	16QAM	100	0	23.07	23.00	22.95		
20	64QAM	1	0	23.04	23.01	22.90	23.7	2
20	64QAM	1	49	22.91	22.92	22.81		
20	64QAM	1	99	23.02	23.00	22.82		
20	64QAM	50	0	21.99	22.03	21.94	22.7	3
20	64QAM	50	24	21.87	22.00	21.78		
20	64QAM	50	50	21.88	21.92	21.85		
20	64QAM	100	0	22.05	22.04	22.00		
20	256QAM	1	0	20.06	20.09	19.99	20.7	5
20	256QAM	1	49	19.96	19.95	19.76		
20	256QAM	1	99	19.85	19.83	19.84		
20	256QAM	50	0	19.96	20.06	19.90	20.7	5
20	256QAM	50	24	20.04	20.03	19.99		
20	256QAM	50	50	19.85	19.86	19.79		
20	256QAM	100	0	20.00	19.94	19.84		
Channel				20825	21100	21375	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.88	24.91	24.79	25.7	0
15	QPSK	1	37	24.74	24.88	24.78		
15	QPSK	1	74	24.87	24.85	24.70		
15	QPSK	36	0	23.94	24.04	23.81	24.7	1
15	QPSK	36	20	23.87	23.91	23.68		
15	QPSK	36	39	23.80	23.79	23.69		
15	QPSK	75	0	23.94	23.96	23.91		
15	16QAM	1	0	23.96	23.90	23.88	24.7	1
15	16QAM	1	37	23.87	23.85	23.70		
15	16QAM	1	74	23.84	23.90	23.75		
15	16QAM	36	0	22.94	23.02	22.94	23.7	2
15	16QAM	36	20	22.83	22.93	22.78		
15	16QAM	36	39	22.86	22.87	22.70		
15	16QAM	75	0	22.98	22.95	22.90		
15	64QAM	1	0	22.99	22.98	22.79	23.7	2
15	64QAM	1	37	22.80	22.80	22.74		
15	64QAM	1	74	22.92	22.98	22.71		
15	64QAM	36	0	21.90	21.92	21.82	22.7	3
15	64QAM	36	20	21.76	21.86	21.67		
15	64QAM	36	39	21.77	21.80	21.81		
15	64QAM	75	0	21.95	21.93	21.89		
15	256QAM	1	0	19.94	20.03	19.88	20.7	5
15	256QAM	1	37	19.88	19.82	19.71		
15	256QAM	1	74	19.71	19.79	19.81		
15	256QAM	36	0	19.86	20.03	19.79	20.7	5
15	256QAM	36	20	19.94	19.97	19.89		
15	256QAM	36	39	19.73	19.81	19.67		
15	256QAM	75	0	19.91	19.90	19.78		
Channel				20800	21100	21400	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.95	24.97	24.80	25.7	0
10	QPSK	1	25	24.78	24.82	24.79		
10	QPSK	1	49	24.90	24.86	24.72		
10	QPSK	25	0	23.89	23.99	23.92	24.7	1
10	QPSK	25	12	23.85	23.95	23.70		
10	QPSK	25	25	23.80	23.83	23.65		
10	QPSK	50	0	23.99	24.01	23.86		
10	16QAM	1	0	23.93	23.97	23.86	24.7	1
10	16QAM	1	25	23.82	23.78	23.72		
10	16QAM	1	49	23.89	23.95	23.80		
10	16QAM	25	0	22.98	23.09	22.93	23.7	2
10	16QAM	25	12	22.90	22.93	22.77		
10	16QAM	25	25	22.85	22.91	22.61		
10	16QAM	50	0	23.03	22.87	22.85		
10	64QAM	1	0	22.95	22.92	22.84	23.7	2
10	64QAM	1	25	22.78	22.89	22.69		
10	64QAM	1	49	22.91	22.87	22.74		
10	64QAM	25	0	21.87	21.95	21.91	22.7	3
10	64QAM	25	12	21.83	21.93	21.72		
10	64QAM	25	25	21.77	21.86	21.82		
10	64QAM	50	0	22.01	21.94	21.97		
10	256QAM	1	0	20.00	20.05	19.91	20.7	5
10	256QAM	1	25	19.87	19.88	19.69		
10	256QAM	1	49	19.77	19.79	19.78		
10	256QAM	25	0	19.89	19.99	19.86	20.7	5
10	256QAM	25	12	19.91	19.91	19.93		
10	256QAM	25	25	19.76	19.77	19.76		
10	256QAM	50	0	19.89	19.85	19.71		
Channel				20775	21100	21425	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.92	24.91	24.84	25.7	0
5	QPSK	1	12	24.83	24.85	24.76		
5	QPSK	1	24	24.86	24.85	24.75		
5	QPSK	12	0	23.96	23.98	23.86	24.7	1
5	QPSK	12	7	23.86	23.86	23.68		
5	QPSK	12	13	23.85	23.79	23.71		
5	QPSK	25	0	23.91	24.03	23.87		
5	16QAM	1	0	23.91	23.91	23.89	24.7	1
5	16QAM	1	12	23.86	23.85	23.73		
5	16QAM	1	24	23.94	23.84	23.76		
5	16QAM	12	0	22.99	23.00	22.88	23.7	2
5	16QAM	12	7	22.94	22.99	22.73		
5	16QAM	12	13	22.86	22.89	22.65		
5	16QAM	25	0	22.96	22.92	22.90		
5	64QAM	1	0	22.98	22.90	22.86	23.7	2
5	64QAM	1	12	22.78	22.81	22.78		
5	64QAM	1	24	22.91	22.93	22.73		
5	64QAM	12	0	21.90	21.95	21.87	22.7	3
5	64QAM	12	7	21.85	21.93	21.73		
5	64QAM	12	13	21.80	21.81	21.74		
5	64QAM	25	0	22.00	21.93	21.91		
5	256QAM	1	0	20.02	20.03	19.89	20.7	5
5	256QAM	1	12	19.83	19.84	19.70		
5	256QAM	1	24	19.74	19.76	19.73		
5	256QAM	12	0	19.86	20.00	19.82	20.7	5
5	256QAM	12	7	19.92	19.96	19.93		
5	256QAM	12	13	19.79	19.82	19.69		
5	256QAM	25	0	19.90	19.80	19.81		

Band 7 Ant5 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	22.17	22.22	22.12	23.5	0
20	QPSK	1	49	22.03	22.18	22.06		
20	QPSK	1	99	22.13	22.17	22.06		
20	QPSK	50	0	21.21	21.24	21.10	22.5	1
20	QPSK	50	24	20.99	21.14	21.10		
20	QPSK	50	50	21.18	21.11	21.06		
20	QPSK	100	0	21.17	21.20	21.17		
20	16QAM	1	0	21.16	21.17	21.14	22.5	1
20	16QAM	1	49	21.05	21.12	21.08		
20	16QAM	1	99	21.13	21.13	21.02		
20	16QAM	50	0	20.16	20.20	20.05	21.5	2
20	16QAM	50	24	20.01	20.11	20.16		
20	16QAM	50	50	20.17	20.10	20.05		
20	16QAM	100	0	20.15	20.16	20.20		
20	64QAM	1	0	20.19	20.19	20.10	21.5	2
20	64QAM	1	49	20.03	20.10	20.13		
20	64QAM	1	99	20.08	20.19	19.97		
20	64QAM	50	0	19.16	19.23	19.11	20.5	3
20	64QAM	50	24	18.96	19.09	19.15		
20	64QAM	50	50	19.17	19.08	19.12		
20	64QAM	100	0	19.17	19.26	19.18		
20	256QAM	1	0	17.25	17.22	17.08	18.5	5
20	256QAM	1	49	17.04	17.17	17.15		
20	256QAM	1	99	17.18	17.06	17.10		
20	256QAM	50	0	17.14	17.18	17.18	18.5	5
20	256QAM	50	24	17.13	17.22	17.14		
20	256QAM	50	50	17.09	17.10	17.11		
20	256QAM	100	0	17.11	17.19	16.98		
Channel				20825	21100	21375	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.13	22.13	22.07	23.5	0
15	QPSK	1	37	21.91	22.10	21.98		
15	QPSK	1	74	22.01	22.06	21.96		
15	QPSK	36	0	21.10	21.21	21.05	22.5	1
15	QPSK	36	20	20.86	21.11	21.03		
15	QPSK	36	39	21.13	21.07	21.04		
15	QPSK	75	0	21.10	21.09	21.08		
15	16QAM	1	0	21.02	21.08	21.05	22.5	1
15	16QAM	1	37	20.92	21.01	20.97		
15	16QAM	1	74	21.08	21.06	20.97		
15	16QAM	36	0	20.12	20.14	19.95	21.5	2
15	16QAM	36	20	19.87	19.99	20.08		
15	16QAM	36	39	20.04	19.97	19.92		
15	16QAM	75	0	20.07	20.12	20.09		
15	64QAM	1	0	20.14	20.12	19.98	21.5	2
15	64QAM	1	37	19.89	20.02	20.05		
15	64QAM	1	74	19.97	20.14	19.85		
15	64QAM	36	0	19.08	19.16	19.05	20.5	3
15	64QAM	36	20	18.90	19.02	19.09		
15	64QAM	36	39	19.09	19.06	19.05		
15	64QAM	75	0	19.05	19.17	19.15		
15	256QAM	1	0	17.17	17.08	17.05	18.5	5
15	256QAM	1	37	16.99	17.09	17.06		
15	256QAM	1	74	17.14	17.04	17.03		
15	256QAM	36	0	17.07	17.07	17.10	18.5	5
15	256QAM	36	20	17.04	17.08	17.03		
15	256QAM	36	39	16.99	16.99	17.05		
15	256QAM	75	0	17.06	17.14	16.88		
Channel				20800	21100	21400	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.11	22.16	22.00	23.5	0
10	QPSK	1	25	21.91	22.05	22.02		
10	QPSK	1	49	22.08	22.11	22.00		
10	QPSK	25	0	21.08	21.21	20.97	22.5	1
10	QPSK	25	12	20.89	21.09	20.97		
10	QPSK	25	25	21.08	21.06	20.98		
10	QPSK	50	0	21.12	21.14	21.04		
10	16QAM	1	0	21.08	21.05	21.05	22.5	1
10	16QAM	1	25	20.98	21.02	20.95		
10	16QAM	1	49	21.03	21.01	20.89		
10	16QAM	25	0	20.07	20.15	19.99	21.5	2
10	16QAM	25	12	19.97	20.01	20.05		
10	16QAM	25	25	20.07	19.99	19.96		
10	16QAM	50	0	20.04	20.12	20.07		
10	64QAM	1	0	20.10	20.15	19.99	21.5	2
10	64QAM	1	25	19.91	19.99	20.09		
10	64QAM	1	49	20.03	20.07	19.91		
10	64QAM	25	0	19.12	19.17	19.07	20.5	3
10	64QAM	25	12	18.87	18.97	19.07		
10	64QAM	25	25	19.13	19.02	18.99		
10	64QAM	50	0	19.05	19.20	19.10		
10	256QAM	1	0	17.13	17.12	16.96	18.5	5
10	256QAM	1	25	16.95	17.04	17.12		
10	256QAM	1	49	17.07	16.98	17.04		
10	256QAM	25	0	17.01	17.15	17.08	18.5	5
10	256QAM	25	12	17.02	17.17	17.09		
10	256QAM	25	25	17.00	16.98	17.07		
10	256QAM	50	0	17.00	17.06	16.95		
Channel				20775	21100	21425	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.04	22.19	22.04	23.5	0
5	QPSK	1	12	21.89	22.12	21.95		
5	QPSK	1	24	22.02	22.06	21.94		
5	QPSK	12	0	21.10	21.22	20.99	22.5	1
5	QPSK	12	7	20.91	21.08	21.01		
5	QPSK	12	13	21.07	21.01	20.94		
5	QPSK	25	0	21.06	21.17	21.05		
5	16QAM	1	0	21.02	21.05	21.06	22.5	1
5	16QAM	1	12	20.96	21.08	21.02		
5	16QAM	1	24	21.10	20.99	20.99		
5	16QAM	12	0	20.03	20.11	19.93	21.5	2
5	16QAM	12	7	19.98	20.09	20.05		
5	16QAM	12	13	20.13	20.07	19.94		
5	16QAM	25	0	20.05	20.13	20.10		
5	64QAM	1	0	20.07	20.09	20.05	21.5	2
5	64QAM	1	12	19.92	20.02	20.09		
5	64QAM	1	24	19.98	20.05	19.95		
5	64QAM	12	0	19.04	19.19	19.08	20.5	3
5	64QAM	12	7	18.88	18.95	19.03		
5	64QAM	12	13	19.03	19.01	19.03		
5	64QAM	25	0	19.14	19.15	19.12		
5	256QAM	1	0	17.15	17.12	16.95	18.5	5
5	256QAM	1	12	17.01	17.08	17.11		
5	256QAM	1	24	17.10	16.94	17.07		
5	256QAM	12	0	17.08	17.12	17.15	18.5	5
5	256QAM	12	7	17.01	17.10	17.08		
5	256QAM	12	13	17.00	16.99	17.09		
5	256QAM	25	0	17.07	17.07	16.93		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.28	24.33	24.21		
20	QPSK	1	49	24.25	24.27	24.10	25.5	0
20	QPSK	1	99	24.24	24.26	24.09		
20	QPSK	50	0	23.24	23.38	23.25		
20	QPSK	50	24	23.24	23.26	23.09	24.5	1
20	QPSK	50	50	23.22	23.21	23.13		
20	QPSK	100	0	23.29	23.34	23.21		
20	16QAM	1	0	23.23	23.33	23.21		
20	16QAM	1	49	23.22	23.26	23.08	24.5	1
20	16QAM	1	99	23.21	23.21	23.12		
20	16QAM	50	0	22.27	22.41	22.30		
20	16QAM	50	24	22.25	22.23	22.08	23.5	2
20	16QAM	50	50	22.16	22.25	22.10		
20	16QAM	100	0	22.29	22.35	22.17		
20	64QAM	1	0	22.27	22.28	22.21		
20	64QAM	1	49	22.19	22.30	22.04	23.5	2
20	64QAM	1	99	22.21	22.15	22.11		
20	64QAM	50	0	21.29	21.43	21.28		
20	64QAM	50	24	21.19	21.22	21.07	22.5	3
20	64QAM	50	50	21.26	21.25	21.18		
20	64QAM	100	0	21.30	21.32	21.15		
20	256QAM	1	0	19.29	19.38	19.23		
20	256QAM	1	49	19.22	19.25	19.06	20.5	5
20	256QAM	1	99	19.27	19.21	19.11		
20	256QAM	50	0	19.27	19.34	19.23		
20	256QAM	50	24	19.24	19.36	19.15	20.5	5
20	256QAM	50	50	19.16	19.26	19.06		
20	256QAM	100	0	19.26	19.27	19.16		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.18	24.22	24.13		
15	QPSK	1	37	24.23	24.22	24.06	25.5	0
15	QPSK	1	74	24.18	24.16	24.06		
15	QPSK	36	0	23.18	23.30	23.15		
15	QPSK	36	20	23.16	23.14	22.99	24.5	1
15	QPSK	36	39	23.20	23.15	23.04		
15	QPSK	75	0	23.24	23.20	23.15		
15	16QAM	1	0	23.12	23.23	23.11		
15	16QAM	1	37	23.10	23.15	23.05	24.5	1
15	16QAM	1	74	23.18	23.11	23.05		
15	16QAM	36	0	22.21	22.29	22.19		
15	16QAM	36	20	22.15	22.14	22.03	23.5	2
15	16QAM	36	39	22.09	22.19	22.00		
15	16QAM	75	0	22.19	22.24	22.10		
15	64QAM	1	0	22.14	22.22	22.09		
15	64QAM	1	37	22.06	22.23	22.00	23.5	2
15	64QAM	1	74	22.10	22.08	22.00		
15	64QAM	36	0	21.21	21.40	21.25		
15	64QAM	36	20	21.16	21.10	20.99	22.5	3
15	64QAM	36	39	21.16	21.21	21.12		
15	64QAM	75	0	21.25	21.27	21.04		
15	256QAM	1	0	19.22	19.25	19.10		
15	256QAM	1	37	19.09	19.15	19.03	20.5	5
15	256QAM	1	74	19.24	19.18	19.03		
15	256QAM	36	0	19.23	19.29	19.19		
15	256QAM	36	20	19.21	19.30	19.08	20.5	5
15	256QAM	36	39	19.08	19.13	18.95		
15	256QAM	75	0	19.18	19.19	19.12		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.18	24.25	24.07		
10	QPSK	1	25	24.14	24.16	24.07	25.5	0
10	QPSK	1	49	24.17	24.21	24.05		
10	QPSK	25	0	23.15	23.35	23.21		
10	QPSK	25	12	23.20	23.23	22.96	24.5	1
10	QPSK	25	25	23.19	23.08	23.02		
10	QPSK	50	0	23.25	23.26	23.13		
10	16QAM	1	0	23.10	23.28	23.09		
10	16QAM	1	25	23.10	23.13	22.98	24.5	1
10	16QAM	1	49	23.11	23.08	23.08		
10	16QAM	25	0	22.15	22.36	22.25		
10	16QAM	25	12	22.16	22.17	22.03	23.5	2
10	16QAM	25	25	22.08	22.15	22.04		
10	16QAM	50	0	22.22	22.26	22.13		
10	64QAM	1	0	22.15	22.17	22.19		
10	64QAM	1	25	22.13	22.25	21.98	23.5	2
10	64QAM	1	49	22.14	22.06	21.98		
10	64QAM	25	0	21.15	21.39	21.18		
10	64QAM	25	12	21.07	21.13	21.00	22.5	3
10	64QAM	25	25	21.13	21.18	21.15		
10	64QAM	50	0	21.16	21.20	21.05		
10	256QAM	1	0	19.24	19.33	19.21		
10	256QAM	1	25	19.09	19.19	18.93	20.5	5
10	256QAM	1	49	19.20	19.10	18.98		
10	256QAM	25	0	19.19	19.25	19.17		
10	256QAM	25	12	19.15	19.31	19.07	20.5	5
10	256QAM	25	25	19.06	19.16	18.98		
10	256QAM	50	0	19.22	19.21	19.07		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.24	24.25	24.16		
5	QPSK	1	12	24.15	24.25	24.02	25.5	0
5	QPSK	1	24	24.18	24.23	24.05		
5	QPSK	12	0	23.14	23.34	23.15		
5	QPSK	12	7	23.16	23.15	23.05	24.5	1
5	QPSK	12	13	23.12	23.08	23.03		
5	QPSK	25	0	23.24	23.23	23.09		
5	16QAM	1	0	23.10	23.20	23.18		
5	16QAM	1	12	23.08	23.14	22.96	24.5	1
5	16QAM	1	24	23.19	23.15	22.99		
5	16QAM	12	0	22.23	22.32	22.20		
5	16QAM	12	7	22.19	22.13	21.99	23.5	2
5	16QAM	12	13	22.04	22.13	21.97		
5	16QAM	25	0	22.25	22.28	22.09		
5	64QAM	1	0	22.17	22.18	22.19		
5	64QAM	1	12	22.16	22.20	21.95	23.5	2
5	64QAM	1	24	22.16	22.10	22.06		
5	64QAM	12	0	21.22	21.33	21.19		
5	64QAM	12	7	21.08	21.09	21.05	22.5	3
5	64QAM	12	13	21.22	21.21	21.15		
5	64QAM	25	0	21.26	21.20	21.09		
5	256QAM	1	0	19.17	19.27	19.11		
5	256QAM	1	12	19.12	19.11	18.96	20.5	5
5	256QAM	1	24	19.18	19.12	18.98		
5	256QAM	12	0	19.15	19.26	19.09		
5	256QAM	12	7	19.16	19.27	19.10	20.5	5
5	256QAM	12	13	19.11	19.20	18.97		
5	256QAM	25	0	19.21	19.16	19.07		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.42	24.48	24.55	24.45	24.53		
20	QPSK	1	49	24.30	24.39	24.47	24.37	24.51	25.5	0
20	QPSK	1	99	24.33	24.37	24.44	24.38	24.43		
20	QPSK	50	0	23.44	23.44	23.57	23.49	23.54		
20	QPSK	50	24	23.33	23.37	23.51	23.43	23.52	24.5	1
20	QPSK	50	50	23.33	23.37	23.39	23.42	23.40		
20	QPSK	100	0	23.42	23.48	23.56	23.44	23.55		
20	16QAM	1	0	23.38	23.52	23.51	23.45	23.54		
20	16QAM	1	49	23.31	23.41	23.53	23.33	23.55	24.5	1
20	16QAM	1	99	23.38	23.41	23.38	23.32	23.43		
20	16QAM	50	0	22.41	22.48	22.53	22.54	22.49		
20	16QAM	50	24	22.33	22.31	22.51	22.37	22.47	23.5	2
20	16QAM	50	50	22.27	22.34	22.36	22.40	22.42		
20	16QAM	100	0	22.46	22.47	22.53	22.46	22.54		
20	64QAM	1	0	22.35	22.54	22.52	22.51	22.57		
20	64QAM	1	49	22.33	22.36	22.50	22.32	22.60	23.5	2
20	64QAM	1	99	22.34	22.47	22.42	22.30	22.44		
20	64QAM	50	0	21.39	21.42	21.58	21.54	21.49		
20	64QAM	50	24	21.28	21.36	21.57	21.43	21.51	22.5	3
20	64QAM	50	50	21.27	21.36	21.38	21.39	21.39		
20	64QAM	100	0	21.44	21.43	21.52	21.50	21.59		
20	256QAM	1	0	19.43	19.50	19.56	19.52	19.53		
20	256QAM	1	49	19.31	19.35	19.50	19.39	19.56	20.5	5
20	256QAM	1	99	19.33	19.41	19.33	19.40	19.43		
20	256QAM	50	0	19.37	19.50	19.59	19.39	19.61		
20	256QAM	50	24	19.38	19.55	19.49	19.45	19.60	20.5	5
20	256QAM	50	50	19.35	19.35	19.53	19.28	19.50		
20	256QAM	100	0	19.34	19.45	19.37	19.37	19.41		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.38	24.45	24.48	24.35	24.41		
15	QPSK	1	37	24.27	24.26	24.34	24.35	24.40	25.5	0
15	QPSK	1	74	24.30	24.35	24.39	24.27	24.40		
15	QPSK	36	0	23.38	23.40	23.53	23.37	23.52		
15	QPSK	36	20	23.23	23.26	23.48	23.41	23.45	24.5	1
15	QPSK	36	39	23.22	23.31	23.29	23.33	23.28		
15	QPSK	75	0	23.28	23.34	23.54	23.34	23.41		
15	16QAM	1	0	23.27	23.40	23.49	23.43	23.50		
15	16QAM	1	37	23.28	23.30	23.50	23.31	23.46	24.5	1
15	16QAM	1	74	23.25	23.29	23.25	23.25	23.30		
15	16QAM	36	0	22.36	22.39	22.39	22.49	22.39		
15	16QAM	36	20	22.28	22.28	22.46	22.28	22.34	23.5	2
15	16QAM	36	39	22.15	22.24	22.27	22.29	22.37		
15	16QAM	75	0	22.41	22.39	22.50	22.44	22.42		
15	64QAM	1	0	22.32	22.52	22.40	22.49	22.44		
15	64QAM	1	37	22.29	22.30	22.38	22.25	22.54	23.5	2
15	64QAM	1	74	22.29	22.35	22.38	22.18	22.33		
15	64QAM	36	0	21.33	21.30	21.46	21.46	21.46		
15	64QAM	36	20	21.19	21.31	21.43	21.39	21.45	22.5	3
15	64QAM	36	39	21.24	21.30	21.35	21.37	21.36		
15	64QAM	75	0	21.39	21.34	21.39	21.38	21.51		
15	256QAM	1	0	19.36	19.47	19.47	19.44	19.46		
15	256QAM	1	37	19.19	19.21	19.39	19.27	19.45	20.5	5
15	256QAM	1	74	19.27	19.37	19.22	19.30	19.29		
15	256QAM	36	0	19.35	19.40	19.51	19.31	19.53		
15	256QAM	36	20	19.35	19.53	19.45	19.34	19.55	20.5	5
15	256QAM	36	39	19.23	19.27	19.41	19.21	19.40		
15	256QAM	75	0	19.25	19.39	19.33	19.33	19.30		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.34	24.44	24.44	24.42	24.49		
10	QPSK	1	25	24.25	24.36	24.41	24.27	24.46	25.5	0
10	QPSK	1	49	24.29	24.32	24.37	24.33	24.30		
10	QPSK	25	0	23.35	23.39	23.44	23.47	23.40		
10	QPSK	25	12	23.19	23.34	23.46	23.34	23.40	24.5	1
10	QPSK	25	25	23.30	23.26	23.30	23.38	23.29		
10	QPSK	50	0	23.38	23.44	23.47	23.31	23.48		
10	16QAM	1	0	23.28	23.38	23.46	23.39	23.51		
10	16QAM	1	25	23.19	23.28	23.46	23.23	23.51	24.5	1
10	16QAM	1	49	23.30	23.39	23.27	23.23	23.39		
10	16QAM	25	0	22.28	22.36	22.42	22.47	22.38		
10	16QAM	25	12	22.21	22.23	22.39	22.28	22.39	23.5	2
10	16QAM	25	25	22.18	22.30	22.27	22.31	22.35		
10	16QAM	50	0	22.34	22.44	22.42	22.36	22.45		
10	64QAM	1	0	22.31	22.44	22.44	22.45	22.53		
10	64QAM	1	25	22.21	22.30	22.39	22.24	22.51	23.5	2
10	64QAM	1	49	22.28	22.33	22.33	22.27	22.42		
10	64QAM	25	0	21.34	21.36	21.52	21.40	21.45		
10	64QAM	25	12	21.16	21.29	21.45	21.38	21.47	22.5	3
10	64QAM	25	25	21.22	21.27	21.30	21.29	21.36		
10	64QAM	50	0	21.40	21.39	21.46	21.40	21.53		
10	256QAM	1	0	19.30	19.45	19.50	19.44	19.41		
10	256QAM	1	25	19.20	19.31	19.37	19.28	19.43	20.5	5
10	256QAM	1	49	19.22	19.35	19.25	19.27	19.35		
10	256QAM	25	0	19.28	19.44	19.51	19.29	19.51		
10	256QAM	25	12	19.32	19.45	19.42	19.43	19.54	20.5	5
10	256QAM	25	25	19.28	19.27	19.40	19.24	19.46		
10	256QAM	50	0	19.31	19.31	19.30	19.30	19.29		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.38	24.44	24.53	24.36	24.47		
5	QPSK	1	12	24.18	24.31	24.41	24.34	24.49	25.5	0
5	QPSK	1	24	24.22	24.29	24.30	24.30	24.36		
5	QPSK	12	0	23.30	23.33	23.47	23.36	23.41		
5	QPSK	12	7	23.23	23.24	23.43	23.36	23.44	24.5	1
5	QPSK	12	13	23.20	23.23	23.30	23.28	23.27		
5	QPSK	25	0	23.31	23.42	23.53	23.33	23.46		
5	16QAM	1	0	23.25	23.46	23.41	23.39	23.49		
5	16QAM	1	12	23.18	23.35	23.39	23.20	23.45	24.5	1
5	16QAM	1	24	23.27	23.38	23.35	23.18	23.31		
5	16QAM	12	0	22.27	22.43	22.47	22.44	22.40		
5	16QAM	12	7	22.21	22.18	22.46	22.23	22.35	23.5	2
5	16QAM	12	13	22.21	22.31	22.24	22.35	22.35		
5	16QAM	25	0	22.41	22.43	22.41	22.32	22.48		
5	64QAM	1	0	22.21	22.42	22.47	22.39	22.50		
5	64QAM	1	12	22.26	22.31	22.46	22.29	22.53	23.5	2
5	64QAM	1	24	22.22	22.43	22.39	22.23	22.38		
5	64QAM	12	0	21.27	21.35	21.50	21.40	21.46		
5	64QAM	12	7	21.18	21.23	21.45	21.30	21.38	22.5	3
5	64QAM	12	13	21.18	21.28	21.33	21.36	21.35		
5	64QAM	25	0	21.40	21.32	21.50	21.40	21.46		
5	256QAM	1	0	19.35	19.39	19.53	19.43	19.42		
5	256QAM	1	12	19.18	19.32	19.38	19.32	19.51	20.5	5
5	256QAM	1	24	19.27	19.37	19.30	19.34	19.38		
5	256QAM	12	0	19.34	19.39	19.47	19.30	19.47		
5	256QAM	12	7	19.28	19.50	19.45	19.32	19.49	20.5	5
5	256QAM	12	13	19.31	19.28	19.47	19.17	19.40		
5	256QAM	25	0	19.21	19.33	19.29	19.31	19.37		

Band 38 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.70	23.72	23.68	25.2	0
20	QPSK	1	49	23.66	23.68	23.65		
20	QPSK	1	99	23.58	23.67	23.63		
20	QPSK	50	0	22.68	22.78	22.74	24.2	1
20	QPSK	50	24	22.60	22.69	22.64		
20	QPSK	50	50	22.54	22.72	22.60		
20	QPSK	100	0	22.73	22.74	22.72		
20	16QAM	1	0	22.72	22.72	22.66	24.2	1
20	16QAM	1	49	22.66	22.66	22.64		
20	16QAM	1	99	22.54	22.62	22.60		
20	16QAM	50	0	21.69	21.78	21.73	23.2	2
20	16QAM	50	24	21.55	21.74	21.65		
20	16QAM	50	50	21.53	21.74	21.54		
20	16QAM	100	0	21.68	21.76	21.75		
20	64QAM	1	0	21.70	21.72	21.64	23.2	2
20	64QAM	1	49	21.65	21.69	21.69		
20	64QAM	1	99	21.53	21.57	21.61		
20	64QAM	50	0	20.67	20.81	20.73	22.2	3
20	64QAM	50	24	20.58	20.69	20.60		
20	64QAM	50	50	20.50	20.78	20.60		
20	64QAM	100	0	20.73	20.74	20.71		
20	256QAM	1	0	18.71	18.73	18.75	20.2	5
20	256QAM	1	49	18.66	18.64	18.67		
20	256QAM	1	99	18.56	18.71	18.60		
20	256QAM	50	0	18.67	18.76	18.74	20.2	5
20	256QAM	50	24	18.69	18.72	18.65		
20	256QAM	50	50	18.64	18.66	18.60		
20	256QAM	100	0	18.56	18.67	18.59		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.59	23.59	23.65	25.2	0
15	QPSK	1	37	23.58	23.55	23.63		
15	QPSK	1	74	23.55	23.57	23.56		
15	QPSK	36	0	22.65	22.73	22.62	24.2	1
15	QPSK	36	20	22.58	22.62	22.56		
15	QPSK	36	39	22.50	22.58	22.55		
15	QPSK	75	0	22.61	22.67	22.68		
15	16QAM	1	0	22.63	22.62	22.55	24.2	1
15	16QAM	1	37	22.53	22.60	22.58		
15	16QAM	1	74	22.44	22.57	22.54		
15	16QAM	36	0	21.64	21.71	21.67	23.2	2
15	16QAM	36	20	21.52	21.67	21.52		
15	16QAM	36	39	21.44	21.67	21.41		
15	16QAM	75	0	21.65	21.71	21.68		
15	64QAM	1	0	21.61	21.68	21.57	23.2	2
15	64QAM	1	37	21.54	21.57	21.65		
15	64QAM	1	74	21.51	21.52	21.57		
15	64QAM	36	0	20.56	20.69	20.65	22.2	3
15	64QAM	36	20	20.44	20.58	20.52		
15	64QAM	36	39	20.42	20.65	20.51		
15	64QAM	75	0	20.71	20.71	20.69		
15	256QAM	1	0	18.65	18.67	18.73	20.2	5
15	256QAM	1	37	18.54	18.54	18.62		
15	256QAM	1	74	18.42	18.65	18.50		
15	256QAM	36	0	18.58	18.68	18.63	20.2	5
15	256QAM	36	20	18.58	18.65	18.63		
15	256QAM	36	39	18.52	18.56	18.47		
15	256QAM	75	0	18.46	18.54	18.45		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.63	23.60	23.58	25.2	0
10	QPSK	1	25	23.52	23.58	23.59		
10	QPSK	1	49	23.55	23.55	23.59		
10	QPSK	25	0	22.54	22.69	22.61	24.2	1
10	QPSK	25	12	22.53	22.61	22.57		
10	QPSK	25	25	22.43	22.61	22.50		
10	QPSK	50	0	22.71	22.62	22.69		
10	16QAM	1	0	22.64	22.61	22.57	24.2	1
10	16QAM	1	25	22.54	22.54	22.55		
10	16QAM	1	49	22.48	22.51	22.50		
10	16QAM	25	0	21.60	21.72	21.71	23.2	2
10	16QAM	25	12	21.51	21.67	21.53		
10	16QAM	25	25	21.44	21.68	21.43		
10	16QAM	50	0	21.66	21.73	21.63		
10	64QAM	1	0	21.63	21.67	21.52	23.2	2
10	64QAM	1	25	21.54	21.66	21.58		
10	64QAM	1	49	21.42	21.53	21.51		
10	64QAM	25	0	20.63	20.74	20.63	22.2	3
10	64QAM	25	12	20.48	20.61	20.57		
10	64QAM	25	25	20.43	20.75	20.53		
10	64QAM	50	0	20.66	20.68	20.67		
10	256QAM	1	0	18.67	18.63	18.62	20.2	5
10	256QAM	1	25	18.59	18.56	18.64		
10	256QAM	1	49	18.50	18.60	18.57		
10	256QAM	25	0	18.54	18.67	18.65	20.2	5
10	256QAM	25	12	18.56	18.66	18.53		
10	256QAM	25	25	18.56	18.60	18.58		
10	256QAM	50	0	18.52	18.62	18.51		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.57	23.63	23.65	25.2	0
5	QPSK	1	12	23.57	23.57	23.59		
5	QPSK	1	24	23.46	23.56	23.55		
5	QPSK	12	0	22.57	22.66	22.72	24.2	1
5	QPSK	12	7	22.57	22.60	22.54		
5	QPSK	12	13	22.50	22.59	22.52		
5	QPSK	25	0	22.63	22.68	22.63		
5	16QAM	1	0	22.61	22.59	22.62	24.2	1
5	16QAM	1	12	22.57	22.57	22.51		
5	16QAM	1	24	22.43	22.54	22.51		
5	16QAM	12	0	21.66	21.66	21.69	23.2	2
5	16QAM	12	7	21.49	21.72	21.59		
5	16QAM	12	13	21.45	21.61	21.40		
5	16QAM	25	0	21.64	21.72	21.62		
5	64QAM	1	0	21.68	21.66	21.52	23.2	2
5	64QAM	1	12	21.52	21.55	21.59		
5	64QAM	1	24	21.43	21.48	21.53		
5	64QAM	12	0	20.62	20.71	20.62	22.2	3
5	64QAM	12	7	20.48	20.65	20.54		
5	64QAM	12	13	20.37	20.70	20.54		
5	64QAM	25	0	20.69	20.69	20.61		
5	256QAM	1	0	18.65	18.65	18.63	20.2	5
5	256QAM	1	12	18.59	18.51	18.58		
5	256QAM	1	24	18.47	18.58	18.49		
5	256QAM	12	0	18.56	18.67	18.68	20.2	5
5	256QAM	12	7	18.65	18.67	18.60		
5	256QAM	12	13	18.54	18.58	18.51		
5	256QAM	25	0	18.51	18.56	18.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.91	24.03	24.07	23.96	23.99	25.7	0
20	QPSK	1	49	23.83	24.00	24.01	23.83	23.90		
20	QPSK	1	99	23.80	23.89	23.97	23.82	23.97		
20	QPSK	50	0	22.92	23.05	23.07	22.94	23.04	24.7	1
20	QPSK	50	24	22.78	23.05	22.96	22.85	22.94		
20	QPSK	50	50	22.79	22.85	22.95	22.86	22.98		
20	QPSK	100	0	22.87	23.01	23.04	22.91	23.01		
20	16QAM	1	0	22.94	23.01	23.02	23.02	23.00	24.7	1
20	16QAM	1	49	22.85	22.96	22.97	22.88	22.86		
20	16QAM	1	99	22.81	22.93	23.01	22.79	23.02		
20	16QAM	50	0	21.95	22.08	22.10	21.90	22.05	23.7	2
20	16QAM	50	24	21.76	22.00	21.98	21.90	21.96		
20	16QAM	50	50	21.75	21.81	21.94	21.83	22.00		
20	16QAM	100	0	21.85	21.99	22.00	21.90	21.96		
20	64QAM	1	0	21.94	22.01	22.07	22.02	22.04	23.7	2
20	64QAM	1	49	21.90	21.99	21.97	21.86	21.84		
20	64QAM	1	99	21.87	21.91	22.06	21.77	21.96		
20	64QAM	50	0	20.89	21.07	21.03	20.98	21.10	22.7	3
20	64QAM	50	24	20.80	21.05	20.91	20.86	20.95		
20	64QAM	50	50	20.74	20.90	20.92	20.89	20.93		
20	64QAM	100	0	20.85	21.01	21.05	20.92	20.95		
20	256QAM	1	0	18.94	19.05	19.01	18.94	19.06	20.7	5
20	256QAM	1	49	18.76	19.01	18.97	18.85	19.00		
20	256QAM	1	99	18.73	18.82	18.95	18.84	19.02		
20	256QAM	50	0	18.88	18.98	19.07	18.89	18.96	20.7	5
20	256QAM	50	24	18.99	19.07	18.98	19.06	18.97		
20	256QAM	50	50	18.88	18.97	18.91	18.92	18.81		
20	256QAM	100	0	18.81	18.97	19.05	18.85	19.02		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.81	23.97	23.99	23.85	23.88	25.70	0
15	QPSK	1	37	23.76	23.92	23.91	23.76	23.78		
15	QPSK	1	74	23.67	23.86	23.90	23.74	23.83		
15	QPSK	36	0	22.79	23.03	22.97	22.86	22.95	24.7	1
15	QPSK	36	20	22.71	22.94	22.84	22.73	22.85		
15	QPSK	36	39	22.72	22.81	22.84	22.76	22.85		
15	QPSK	75	0	22.75	22.92	23.00	22.77	22.88		
15	16QAM	1	0	22.81	22.89	22.91	22.99	22.95	24.7	1
15	16QAM	1	37	22.75	22.89	22.93	22.82	22.83		
15	16QAM	1	74	22.79	22.84	22.95	22.66	22.90		
15	16QAM	36	0	21.90	22.01	22.06	21.83	21.99	23.7	2
15	16QAM	36	20	21.63	21.90	21.93	21.86	21.84		
15	16QAM	36	39	21.70	21.77	21.91	21.69	21.96		
15	16QAM	75	0	21.80	21.96	21.96	21.79	21.85		
15	64QAM	1	0	21.91	21.98	22.00	21.88	21.96	23.7	2
15	64QAM	1	37	21.82	21.96	21.93	21.83	21.76		
15	64QAM	1	74	21.74	21.88	22.01	21.70	21.83		
15	64QAM	36	0	20.77	20.95	21.00	20.96	20.99	22.7	3
15	64QAM	36	20	20.74	20.99	20.85	20.72	20.85		
15	64QAM	36	39	20.65	20.84	20.88	20.81	20.85		
15	64QAM	75	0	20.77	20.95	20.99	20.80	20.89		
15	256QAM	1	0	18.84	18.99	18.88	18.88	18.96	20.7	5
15	256QAM	1	37	18.70	18.91	18.90	18.72	18.92		
15	256QAM	1	74	18.64	18.71	18.84	18.70	18.98		
15	256QAM	36	0	18.75	18.89	18.98	18.87	18.83	20.7	5
15	256QAM	36	20	18.86	18.95	18.84	19.04	18.84		
15	256QAM	36	39	18.76	18.93	18.88	18.81	18.69		
15	256QAM	75	0	18.70	18.95	19.02	18.78	18.96		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.78	23.99	23.93	23.88	23.93	25.70	0
10	QPSK	1	25	23.73	23.93	23.93	23.73	23.85		
10	QPSK	1	49	23.67	23.82	23.85	23.71	23.86		
10	QPSK	25	0	22.83	22.94	22.99	22.90	22.99	24.7	1
10	QPSK	25	12	22.71	22.94	22.92	22.80	22.83		
10	QPSK	25	25	22.71	22.75	22.89	22.79	22.85		
10	QPSK	50	0	22.84	22.89	22.98	22.86	22.91		
10	16QAM	1	0	22.88	22.97	22.92	22.93	22.96	24.7	1
10	16QAM	1	25	22.79	22.85	22.87	22.81	22.82		
10	16QAM	1	49	22.69	22.90	22.96	22.76	22.89		
10	16QAM	25	0	21.83	21.98	22.03	21.84	22.01	23.7	2
10	16QAM	25	12	21.68	21.96	21.90	21.81	21.94		
10	16QAM	25	25	21.63	21.74	21.88	21.78	21.90		
10	16QAM	50	0	21.72	21.91	21.89	21.82	21.92		
10	64QAM	1	0	21.81	21.95	21.94	22.00	21.94	23.7	2
10	64QAM	1	25	21.85	21.97	21.88	21.75	21.74		
10	64QAM	1	49	21.76	21.78	21.93	21.69	21.83		
10	64QAM	25	0	20.78	20.96	20.89	20.92	21.00	22.7	3
10	64QAM	25	12	20.67	21.01	20.82	20.82	20.84		
10	64QAM	25	25	20.65	20.80	20.82	20.84	20.90		
10	64QAM	50	0	20.77	20.90	21.03	20.84	20.82		
10	256QAM	1	0	18.85	18.99	18.99	18.80	18.97	20.7	5
10	256QAM	1	25	18.65	18.88	18.86	18.73	18.98		
10	256QAM	1	49	18.62	18.78	18.85	18.71	18.90		
10	256QAM	25	0	18.76	18.94	18.99	18.86	18.85	20.7	5
10	256QAM	25	12	18.86	19.03	18.95	18.96	18.94		
10	256QAM	25	25	18.80	18.87	18.83	18.86	18.77		
10	256QAM	50	0	18.70	18.85	18.93	18.83	18.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.81	23.98	23.96	23.83	23.86	25.70	0
5	QPSK	1	12	23.78	23.95	23.94	23.77	23.85		
5	QPSK	1	24	23.77	23.78	23.87	23.76	23.89		
5	QPSK	12	0	22.88	23.02	22.99	22.81	22.98	24.7	1
5	QPSK	12	7	22.73	23.02	22.86	22.75	22.82		
5	QPSK	12	13	22.72	22.75	22.91	22.82	22.91		
5	QPSK	25	0	22.84	22.92	22.96	22.83	22.95		
5	16QAM	1	0	22.86	22.93	22.93	22.98	22.91	24.7	1
5	16QAM	1	12	22.76	22.82	22.87	22.76	22.81		
5	16QAM	1	24	22.77	22.84	22.96	22.72	22.95		
5	16QAM	12	0	21.90	21.95	22.06	21.87	22.02	23.7	2
5	16QAM	12	7	21.69	21.93	21.85	21.88	21.88		
5	16QAM	12	13	21.72	21.73	21.84	21.73	21.94		
5	16QAM	25	0	21.79	21.88	21.97	21.80	21.85		
5	64QAM	1	0	21.90	21.89	21.94	21.98	21.94	23.7	2
5	64QAM	1	12	21.80	21.95	21.90	21.78	21.77		
5	64QAM	1	24	21.78	21.88	21.96	21.66	21.90		
5	64QAM	12	0	20.81	20.95	20.98	20.94	21.03	22.7	3
5	64QAM	12	7	20.76	21.03	20.77	20.80	20.91		
5	64QAM	12	13	20.69	20.83	20.89	20.83	20.90		
5	64QAM	25	0	20.74	20.99	20.92	20.87	20.91		
5	256QAM	1	0	18.81	19.00	18.95	18.89	18.98	20.7	5
5	256QAM	1	12	18.69	18.92	18.91	18.81	18.96		
5	256QAM	1	24	18.65	18.71	18.93	18.72	18.94		
5	256QAM	12	0	18.78	18.93	18.98	18.86	18.93	20.7	5
5	256QAM	12	7	18.86	18.98	18.85	18.93	18.84		
5	256QAM	12	13	18.77	18.87	18.89	18.85	18.77		
5	256QAM	25	0	18.71	18.84	18.99	18.72	18.95		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.81	24.85	24.81	25.7	0
20	QPSK	1	49	24.68	24.80	24.77		
20	QPSK	1	99	24.74	24.78	24.68		
20	QPSK	50	0	23.77	23.87	23.86	24.7	1
20	QPSK	50	24	23.72	23.85	23.81		
20	QPSK	50	50	23.69	23.73	23.66		
20	QPSK	100	0	23.82	23.85	23.79		
20	16QAM	1	0	23.82	23.83	23.78	24.7	1
20	16QAM	1	49	23.66	23.74	23.82		
20	16QAM	1	99	23.77	23.75	23.72		
20	16QAM	50	0	22.81	22.92	22.88	23.7	2
20	16QAM	50	24	22.72	22.81	22.86		
20	16QAM	50	50	22.71	22.70	22.68		
20	16QAM	100	0	22.79	22.82	22.85		
20	64QAM	1	0	22.83	22.81	22.73	23.7	2
20	64QAM	1	49	22.65	22.75	22.81		
20	64QAM	1	99	22.71	22.70	22.69		
20	64QAM	50	0	21.71	21.83	21.83	22.7	3
20	64QAM	50	24	21.66	21.90	21.77		
20	64QAM	50	50	21.63	21.68	21.71		
20	64QAM	100	0	21.83	21.90	21.80		
20	256QAM	1	0	19.72	19.89	19.83	20.7	5
20	256QAM	1	49	19.69	19.91	19.86		
20	256QAM	1	99	19.70	19.75	19.70		
20	256QAM	50	0	19.82	19.89	19.83	20.7	5
20	256QAM	50	24	19.83	19.78	19.76		
20	256QAM	50	50	19.62	19.77	19.86		
20	256QAM	100	0	19.77	19.73	19.74		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.74	24.75	24.71	25.7	0
15	QPSK	1	37	24.65	24.71	24.65		
15	QPSK	1	74	24.65	24.71	24.58		
15	QPSK	36	0	23.71	23.83	23.72	24.7	1
15	QPSK	36	20	23.60	23.72	23.77		
15	QPSK	36	39	23.56	23.66	23.55		
15	QPSK	75	0	23.79	23.80	23.65		
15	16QAM	1	0	23.76	23.74	23.75	24.7	1
15	16QAM	1	37	23.62	23.65	23.73		
15	16QAM	1	74	23.66	23.64	23.64		
15	16QAM	36	0	22.79	22.82	22.74	23.7	2
15	16QAM	36	20	22.64	22.68	22.77		
15	16QAM	36	39	22.61	22.68	22.61		
15	16QAM	75	0	22.75	22.79	22.75		
15	64QAM	1	0	22.80	22.73	22.62	23.7	2
15	64QAM	1	37	22.56	22.69	22.73		
15	64QAM	1	74	22.62	22.67	22.57		
15	64QAM	36	0	21.58	21.69	21.70	22.7	3
15	64QAM	36	20	21.58	21.78	21.74		
15	64QAM	36	39	21.50	21.64	21.61		
15	64QAM	75	0	21.73	21.80	21.68		
15	256QAM	1	0	19.58	19.77	19.72	20.7	5
15	256QAM	1	37	19.59	19.85	19.78		
15	256QAM	1	74	19.65	19.70	19.57		
15	256QAM	36	0	19.78	19.82	19.73	20.7	5
15	256QAM	36	20	19.79	19.66	19.69		
15	256QAM	36	39	19.57	19.74	19.72		
15	256QAM	75	0	19.66	19.64	19.62		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.79	24.72	24.74	25.7	0
10	QPSK	1	25	24.57	24.67	24.68		
10	QPSK	1	49	24.72	24.74	24.60		
10	QPSK	25	0	23.66	23.73	23.72	24.7	1
10	QPSK	25	12	23.68	23.77	23.76		
10	QPSK	25	25	23.60	23.69	23.62		
10	QPSK	50	0	23.69	23.82	23.70		
10	16QAM	1	0	23.76	23.71	23.65	24.7	1
10	16QAM	1	25	23.60	23.71	23.73		
10	16QAM	1	49	23.71	23.68	23.67		
10	16QAM	25	0	22.77	22.90	22.78	23.7	2
10	16QAM	25	12	22.70	22.75	22.78		
10	16QAM	25	25	22.65	22.66	22.56		
10	16QAM	50	0	22.73	22.78	22.81		
10	64QAM	1	0	22.80	22.79	22.65	23.7	2
10	64QAM	1	25	22.56	22.64	22.70		
10	64QAM	1	49	22.59	22.62	22.58		
10	64QAM	25	0	21.66	21.73	21.76	22.7	3
10	64QAM	25	12	21.60	21.87	21.72		
10	64QAM	25	25	21.61	21.65	21.62		
10	64QAM	50	0	21.71	21.80	21.73		
10	256QAM	1	0	19.63	19.82	19.72	20.7	5
10	256QAM	1	25	19.63	19.83	19.77		
10	256QAM	1	49	19.57	19.66	19.62		
10	256QAM	25	0	19.75	19.85	19.76	20.7	5
10	256QAM	25	12	19.75	19.69	19.72		
10	256QAM	25	25	19.60	19.64	19.73		
10	256QAM	50	0	19.66	19.68	19.66		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.71	24.72	24.75	25.7	0
5	QPSK	1	12	24.57	24.75	24.72		
5	QPSK	1	24	24.63	24.74	24.61		
5	QPSK	12	0	23.63	23.75	23.83	24.7	1
5	QPSK	12	7	23.67	23.83	23.68		
5	QPSK	12	13	23.65	23.60	23.63		
5	QPSK	25	0	23.69	23.79	23.71		
5	16QAM	1	0	23.79	23.74	23.68	24.7	1
5	16QAM	1	12	23.57	23.70	23.73		
5	16QAM	1	24	23.67	23.65	23.58		
5	16QAM	12	0	22.67	22.79	22.79	23.7	2
5	16QAM	12	7	22.64	22.68	22.81		
5	16QAM	12	13	22.59	22.60	22.55		
5	16QAM	25	0	22.67	22.70	22.76		
5	64QAM	1	0	22.70	22.71	22.66	23.7	2
5	64QAM	1	12	22.57	22.64	22.78		
5	64QAM	1	24	22.66	22.62	22.57		
5	64QAM	12	0	21.64	21.73	21.76	22.7	3
5	64QAM	12	7	21.62	21.78	21.75		
5	64QAM	12	13	21.59	21.64	21.63		
5	64QAM	25	0	21.76	21.83	21.76		
5	256QAM	1	0	19.69	19.79	19.79	20.7	5
5	256QAM	1	12	19.63	19.77	19.82		
5	256QAM	1	24	19.59	19.63	19.67		
5	256QAM	12	0	19.71	19.85	19.81	20.7	5
5	256QAM	12	7	19.81	19.74	19.70		
5	256QAM	12	13	19.50	19.64	19.81		
5	256QAM	25	0	19.73	19.60	19.64		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.81	24.78	24.85	24.76	24.77	25.7	0
20	QPSK	1	49	24.72	24.67	24.81	24.70	24.67		
20	QPSK	1	99	24.73	24.76	24.80	24.67	24.64		
20	QPSK	50	0	23.79	23.78	23.89	23.80	23.79	24.7	1
20	QPSK	50	24	23.69	23.69	23.78	23.66	23.63		
20	QPSK	50	50	23.74	23.74	23.82	23.66	23.67		
20	QPSK	100	0	23.84	23.80	23.86	23.70	23.72		
20	16QAM	1	0	23.83	23.78	23.83	23.81	23.75	24.7	1
20	16QAM	1	49	23.77	23.68	23.80	23.65	23.71		
20	16QAM	1	99	23.78	23.79	23.78	23.66	23.67		
20	16QAM	50	0	22.83	22.81	22.88	22.84	22.84	23.7	2
20	16QAM	50	24	22.65	22.74	22.76	22.61	22.63		
20	16QAM	50	50	22.71	22.70	22.81	22.67	22.62		
20	16QAM	100	0	22.79	22.86	22.80	22.68	22.75		
20	64QAM	1	0	22.82	22.75	22.80	22.76	22.73	23.7	2
20	64QAM	1	49	22.75	22.69	22.78	22.67	22.72		
20	64QAM	1	99	22.75	22.84	22.73	22.64	22.71		
20	64QAM	50	0	21.84	21.82	21.95	21.84	21.75	22.7	3
20	64QAM	50	24	21.68	21.69	21.78	21.66	21.63		
20	64QAM	50	50	21.76	21.69	21.79	21.65	21.67		
20	64QAM	100	0	21.88	21.82	21.91	21.64	21.70		
20	256QAM	1	0	19.79	19.79	19.86	19.85	19.74	20.7	5
20	256QAM	1	49	19.70	19.72	19.77	19.68	19.60		
20	256QAM	1	99	19.76	19.74	19.78	19.61	19.72		
20	256QAM	50	0	19.81	19.85	19.92	19.74	19.76	20.7	5
20	256QAM	50	24	19.78	19.74	19.88	19.83	19.70		
20	256QAM	50	50	19.83	19.65	19.84	19.64	19.67		
20	256QAM	100	0	19.82	19.79	19.79	19.70	19.69		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.69	24.67	24.81	24.68	24.73	25.70	0
15	QPSK	1	37	24.61	24.55	24.78	24.66	24.58		
15	QPSK	1	74	24.64	24.68	24.68	24.57	24.56		
15	QPSK	36	0	23.77	23.69	23.84	23.76	23.65	24.7	1
15	QPSK	36	20	23.64	23.64	23.72	23.56	23.49		
15	QPSK	36	39	23.63	23.68	23.72	23.55	23.54		
15	QPSK	75	0	23.81	23.73	23.83	23.60	23.63		
15	16QAM	1	0	23.74	23.74	23.70	23.72	23.64	24.7	1
15	16QAM	1	37	23.75	23.55	23.69	23.54	23.68		
15	16QAM	1	74	23.73	23.71	23.74	23.58	23.54		
15	16QAM	36	0	22.80	22.68	22.82	22.74	22.74	23.7	2
15	16QAM	36	20	22.56	22.63	22.69	22.52	22.52		
15	16QAM	36	39	22.65	22.67	22.69	22.60	22.49		
15	16QAM	75	0	22.75	22.73	22.74	22.63	22.65		
15	64QAM	1	0	22.71	22.65	22.71	22.71	22.61	23.7	2
15	64QAM	1	37	22.65	22.56	22.76	22.65	22.64		
15	64QAM	1	74	22.67	22.77	22.71	22.51	22.57		
15	64QAM	36	0	21.79	21.75	21.92	21.78	21.70	22.7	3
15	64QAM	36	20	21.57	21.65	21.65	21.54	21.50		
15	64QAM	36	39	21.69	21.58	21.73	21.56	21.60		
15	64QAM	75	0	21.77	21.75	21.85	21.60	21.59		
15	256QAM	1	0	19.68	19.72	19.78	19.74	19.66	20.7	5
15	256QAM	1	37	19.56	19.63	19.67	19.64	19.58		
15	256QAM	1	74	19.72	19.69	19.64	19.57	19.59		
15	256QAM	36	0	19.78	19.80	19.88	19.64	19.64	20.7	5
15	256QAM	36	20	19.69	19.67	19.81	19.76	19.63		
15	256QAM	36	39	19.70	19.55	19.79	19.52	19.60		
15	256QAM	75	0	19.75	19.75	19.68	19.68	19.59		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.73	24.68	24.80	24.67	24.65	25.70	0
10	QPSK	1	25	24.60	24.55	24.79	24.64	24.59		
10	QPSK	1	49	24.65	24.72	24.66	24.60	24.53		
10	QPSK	25	0	23.76	23.72	23.76	23.74	23.74	24.7	1
10	QPSK	25	12	23.62	23.60	23.70	23.63	23.50		
10	QPSK	25	25	23.67	23.69	23.79	23.58	23.57		
10	QPSK	50	0	23.73	23.67	23.75	23.65	23.64		
10	16QAM	1	0	23.80	23.72	23.77	23.68	23.64	24.7	1
10	16QAM	1	25	23.69	23.56	23.72	23.57	23.59		
10	16QAM	1	49	23.66	23.76	23.71	23.61	23.58		
10	16QAM	25	0	22.70	22.75	22.80	22.77	22.82	23.7	2
10	16QAM	25	12	22.59	22.61	22.69	22.49	22.51		
10	16QAM	25	25	22.63	22.59	22.68	22.54	22.49		
10	16QAM	50	0	22.77	22.79	22.73	22.65	22.69		
10	64QAM	1	0	22.69	22.69	22.67	22.67	22.62	23.7	2
10	64QAM	1	25	22.69	22.59	22.69	22.60	22.59		
10	64QAM	1	49	22.69	22.77	22.71	22.61	22.61		
10	64QAM	25	0	21.76	21.68	21.93	21.77	21.69	22.7	3
10	64QAM	25	12	21.64	21.56	21.75	21.57	21.54		
10	64QAM	25	25	21.72	21.56	21.72	21.59	21.59		
10	64QAM	50	0	21.83	21.68	21.81	21.56	21.57		
10	256QAM	1	0	19.68	19.67	19.75	19.75	19.69	20.7	5
10	256QAM	1	25	19.62	19.61	19.68	19.61	19.58		
10	256QAM	1	49	19.64	19.70	19.72	19.53	19.59		
10	256QAM	25	0	19.77	19.72	19.79	19.61	19.70	20.7	5
10	256QAM	25	12	19.72	19.71	19.82	19.72	19.59		
10	256QAM	25	25	19.75	19.61	19.73	19.60	19.57		
10	256QAM	50	0	19.74	19.67	19.66	19.59	19.66		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.73	24.65	24.78	24.63	24.70	25.70	0
5	QPSK	1	12	24.63	24.58	24.74	24.60	24.64		
5	QPSK	1	24	24.68	24.63	24.75	24.61	24.61		
5	QPSK	12	0	23.72	23.71	23.84	23.73	23.66	24.7	1
5	QPSK	12	7	23.62	23.62	23.74	23.61	23.55		
5	QPSK	12	13	23.60	23.70	23.75	23.62	23.56		
5	QPSK	25	0	23.79	23.66	23.80	23.56	23.64		
5	16QAM	1	0	23.71	23.75	23.77	23.70	23.72	24.7	1
5	16QAM	1	12	23.71	23.58	23.76	23.63	23.62		
5	16QAM	1	24	23.74	23.65	23.74	23.63	23.58		
5	16QAM	12	0	22.76	22.77	22.83	22.72	22.74	23.7	2
5	16QAM	12	7	22.56	22.67	22.73	22.55	22.52		
5	16QAM	12	13	22.57	22.58	22.75	22.54	22.48		
5	16QAM	25	0	22.68	22.83	22.66	22.64	22.66		
5	64QAM	1	0	22.76	22.61	22.70	22.72	22.70	23.7	2
5	64QAM	1	12	22.71	22.61	22.76	22.58	22.60		
5	64QAM	1	24	22.64	22.77	22.69	22.52	22.59		
5	64QAM	12	0	21.80	21.74	21.90	21.79	21.71	22.7	3
5	64QAM	12	7	21.55	21.56	21.76	21.53	21.54		
5	64QAM	12	13	21.65	21.63	21.71	21.54	21.62		
5	64QAM	25	0	21.79	21.70	21.86	21.55	21.59		
5	256QAM	1	0	19.75	19.68	19.83	19.76	19.65	20.7	5
5	256QAM	1	12	19.67	19.65	19.67	19.54	19.46		
5	256QAM	1	24	19.70	19.65	19.74	19.57	19.66		
5	256QAM	12	0	19.68	19.83	19.78	19.62	19.63	20.7	5
5	256QAM	12	7	19.67	19.65	19.77	19.78	19.68		
5	256QAM	12	13	19.70	19.60	19.73	19.60	19.57		
5	256QAM	25	0	19.69	19.68	19.66	19.67	19.61		

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BW [MHz]	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	22.21	22.24	22.18		
20	QPSK	1	49	22.09	22.21	22.12	23.5	0
20	QPSK	1	99	22.16	22.18	22.07		
20	QPSK	50	0	21.25	21.29	21.24		
20	QPSK	50	24	21.05	21.21	21.14	22.5	1
20	QPSK	50	50	21.11	21.20	21.05		
20	QPSK	100	0	21.21	21.26	21.16		
20	16QAM	1	0	21.17	21.25	21.19		
20	16QAM	1	49	21.14	21.26	21.07	22.5	1
20	16QAM	1	99	21.17	21.19	21.08		
20	16QAM	50	0	20.30	20.32	20.19		
20	16QAM	50	24	19.99	20.18	20.15	21.5	2
20	16QAM	50	50	20.14	20.25	20.00		
20	16QAM	100	0	20.21	20.23	20.11		
20	64QAM	1	0	20.18	20.29	20.17		
20	64QAM	1	49	20.20	20.22	20.10	21.5	2
20	64QAM	1	99	20.22	20.16	20.14		
20	64QAM	50	0	19.19	19.26	19.22		
20	64QAM	50	24	19.08	19.19	19.17	20.5	3
20	64QAM	50	50	19.14	19.18	19.00		
20	64QAM	100	0	19.23	19.24	19.12		
20	256QAM	1	0	17.28	17.32	17.22		
20	256QAM	1	49	17.08	17.16	17.20	18.5	5
20	256QAM	1	99	17.11	17.22	17.00		
20	256QAM	50	0	17.18	17.31	17.14		
20	256QAM	50	24	17.22	17.22	17.18	18.5	5
20	256QAM	50	50	17.19	17.31	17.13		
20	256QAM	100	0	17.20	17.18	17.06		
Channel				37825	38000	38175	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.17	22.18	22.13		
15	QPSK	1	37	21.96	22.08	22.00	23.5	0
15	QPSK	1	74	22.09	22.07	22.03		
15	QPSK	36	0	21.22	21.25	21.13		
15	QPSK	36	20	20.91	21.13	21.09	22.5	1
15	QPSK	36	39	21.03	21.13	20.92		
15	QPSK	75	0	21.11	21.16	21.08		
15	16QAM	1	0	21.04	21.12	21.13		
15	16QAM	1	37	21.11	21.13	21.02	22.5	1
15	16QAM	1	74	21.04	21.10	21.02		
15	16QAM	36	0	20.21	20.28	20.09		
15	16QAM	36	20	19.93	20.14	20.07	21.5	2
15	16QAM	36	39	20.07	20.21	19.94		
15	16QAM	75	0	20.14	20.10	19.99		
15	64QAM	1	0	20.05	20.22	20.06		
15	64QAM	1	37	20.17	20.18	20.02	21.5	2
15	64QAM	1	74	20.08	20.09	20.01		
15	64QAM	36	0	19.15	19.24	19.20		
15	64QAM	36	20	18.94	19.15	19.13	20.5	3
15	64QAM	36	39	19.04	19.08	18.87		
15	64QAM	75	0	19.11	19.15	19.04		
15	256QAM	1	0	17.19	17.20	17.16		
15	256QAM	1	37	16.97	17.07	17.13	18.5	5
15	256QAM	1	74	17.02	17.13	16.91		
15	256QAM	36	0	17.11	17.23	17.04		
15	256QAM	36	20	17.19	17.20	17.12	18.5	5
15	256QAM	36	39	17.10	17.20	16.99		
15	256QAM	75	0	17.09	17.09	17.00		
Channel				37800	38000	38200	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.07	22.16	22.15		
10	QPSK	1	25	22.06	22.08	22.09	23.5	0
10	QPSK	1	49	22.10	22.09	22.00		
10	QPSK	25	0	21.19	21.27	21.18		
10	QPSK	25	12	20.99	21.13	21.00	22.5	1
10	QPSK	25	25	21.02	21.11	20.95		
10	QPSK	50	0	21.11	21.18	21.02		
10	16QAM	1	0	21.10	21.17	21.15		
10	16QAM	1	25	21.05	21.20	21.04	22.5	1
10	16QAM	1	49	21.12	21.14	20.95		
10	16QAM	25	0	20.19	20.25	20.08		
10	16QAM	25	12	19.90	20.12	20.05	21.5	2
10	16QAM	25	25	20.07	20.12	19.97		
10	16QAM	50	0	20.18	20.14	19.97		
10	64QAM	1	0	20.14	20.24	20.05		
10	64QAM	1	25	20.12	20.14	20.03	21.5	2
10	64QAM	1	49	20.09	20.07	20.08		
10	64QAM	25	0	19.07	19.22	19.17		
10	64QAM	25	12	19.03	19.08	19.05	20.5	3
10	64QAM	25	25	19.01	19.11	18.89		
10	64QAM	50	0	19.15	19.13	19.03		
10	256QAM	1	0	17.26	17.23	17.16		
10	256QAM	1	25	17.05	17.05	17.13	18.5	5
10	256QAM	1	49	17.03	17.12	16.96		
10	256QAM	25	0	17.09	17.28	17.12		
10	256QAM	25	12	17.17	17.12	17.12	18.5	5
10	256QAM	25	25	17.16	17.29	17.07		
10	256QAM	50	0	17.10	17.05	17.00		
Channel				37775	38000	38225	Tune-up limit	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.16	22.18	22.11		
5	QPSK	1	12	21.95	22.17	22.01	23.5	0
5	QPSK	1	24	22.11	22.11	21.98		
5	QPSK	12	0	21.11	21.18	21.15		
5	QPSK	12	7	20.94	21.14	21.12	22.5	1
5	QPSK	12	13	20.97	21.15	21.00		
5	QPSK	25	0	21.09	21.15	21.14		
5	16QAM	1	0	21.11	21.12	21.15		
5	16QAM	1	12	21.08	21.24	20.97	22.5	1
5	16QAM	1	24	21.05	21.10	20.99		
5	16QAM	12	0	20.20	20.18	20.09		
5	16QAM	12	7	19.93	20.16	20.04	21.5	2
5	16QAM	12	13	20.00	20.13	19.89		
5	16QAM	25	0	20.14	20.17	20.03		
5	64QAM	1	0	20.10	20.25	20.13		
5	64QAM	1	12	20.12	20.18	20.02	21.5	2
5	64QAM	1	24	20.09	20.10	20.09		
5	64QAM	12	0	19.08	19.21	19.12		
5	64QAM	12	7	19.02	19.09	19.05	20.5	3
5	64QAM	12	13	19.04	19.11	18.88		
5	64QAM	25	0	19.18	19.16	18.98		
5	256QAM	1	0	17.23	17.25	17.14		
5	256QAM	1	12	17.04	17.08	17.06	18.5	5
5	256QAM	1	24	17.04	17.13	16.97		
5	256QAM	12	0	17.08	17.28	17.05		
5	256QAM	12	7	17.12	17.20	17.11	18.5	5
5	256QAM	12	13	17.13	17.28	17.03		
5	256QAM	25	0	17.15	17.05	16.98		

Band 41 Ant5 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	22.23	22.24	22.27	22.12	22.15		
20	QPSK	1	49	22.13	22.12	22.23	22.01	22.02	24	0
20	QPSK	1	99	22.21	22.14	22.19	22.03	22.09		
20	QPSK	50	0	21.18	21.22	21.28	21.16	21.10		
20	QPSK	50	24	21.17	21.10	21.24	21.05	21.04	23	1
20	QPSK	50	50	21.20	21.14	21.18	21.01	21.04		
20	QPSK	100	0	21.22	21.22	21.25	21.16	21.12		
20	16QAM	1	0	21.18	21.17	21.21	21.11	21.15		
20	16QAM	1	49	21.14	21.14	21.22	21.02	21.08	23	1
20	16QAM	1	99	21.20	21.18	21.18	21.07	21.12		
20	16QAM	50	0	20.18	20.23	20.25	20.19	20.16		
20	16QAM	50	24	20.21	20.10	20.22	20.01	20.03	22	2
20	16QAM	50	50	20.17	20.14	20.13	19.96	20.02		
20	16QAM	100	0	20.23	20.26	20.23	20.21	20.15		
20	64QAM	1	0	20.13	20.23	20.21	20.07	20.18		
20	64QAM	1	49	20.18	20.11	20.24	20.05	20.10	22	2
20	64QAM	1	99	20.22	20.23	20.15	20.08	20.07		
20	64QAM	50	0	19.18	19.22	19.29	19.21	19.07		
20	64QAM	50	24	19.18	19.12	19.24	19.02	18.99	21	3
20	64QAM	50	50	19.16	19.13	19.15	19.02	19.04		
20	64QAM	100	0	19.16	19.22	19.19	19.12	19.09		
20	256QAM	1	0	17.17	17.21	17.22	17.19	17.05		
20	256QAM	1	49	17.13	17.09	17.20	17.00	17.00	19	5
20	256QAM	1	99	17.26	17.15	17.13	16.96	17.09		
20	256QAM	50	0	17.22	17.19	17.26	17.19	17.14		
20	256QAM	50	24	17.21	17.25	17.22	17.07	17.20	19	5
20	256QAM	50	50	17.12	17.08	17.23	17.02	17.14		
20	256QAM	100	0	17.17	17.22	17.16	17.03	17.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.13	22.17	22.22	22.09	22.09		
15	QPSK	1	37	22.10	22.06	22.18	21.89	21.96	24.00	0
15	QPSK	1	74	22.08	22.06	22.10	21.99	22.06		
15	QPSK	36	0	21.06	21.13	21.24	21.14	21.02		
15	QPSK	36	20	21.15	21.07	21.14	20.99	21.01	23	1
15	QPSK	36	39	21.08	21.11	21.07	20.88	20.96		
15	QPSK	75	0	21.09	21.15	21.23	21.05	21.06		
15	16QAM	1	0	21.15	21.24	21.14	20.99	21.06		
15	16QAM	1	37	21.12	21.00	21.17	20.93	21.00	23	1
15	16QAM	1	74	21.09	21.09	21.13	20.95	21.01		
15	16QAM	36	0	20.05	20.17	20.22	20.16	20.03		
15	16QAM	36	20	20.09	20.06	20.19	19.92	19.92	22	2
15	16QAM	36	39	20.03	20.08	20.05	19.91	19.90		
15	16QAM	75	0	20.10	20.13	20.20	20.18	20.07		
15	64QAM	1	0	20.06	20.20	20.18	20.05	20.14		
15	64QAM	1	37	20.11	20.00	20.14	19.95	19.99	22	2
15	64QAM	1	74	20.12	20.09	20.09	20.06	20.01		
15	64QAM	36	0	19.08	19.08	19.24	19.12	18.98		
15	64QAM	36	20	19.07	19.03	19.15	18.99	18.95	21	3
15	64QAM	36	39	19.06	19.00	19.03	18.91	18.93		
15	64QAM	75	0	19.09	19.14	19.10	19.04	19.01		
15	256QAM	1	0	17.15	17.12	17.16	17.11	16.93		
15	256QAM	1	37	17.05	17.00	17.15	16.97	16.92	19	5
15	256QAM	1	74	17.22	17.07	17.08	16.93	16.99		
15	256QAM	36	0	17.13	17.08	17.18	17.07	17.08		
15	256QAM	36	20	17.12	17.23	17.18	17.04	17.16	19	5
15	256QAM	36	39	17.04	17.02	17.10	16.97	17.08		
15	256QAM	75	0	17.10	17.18	17.04	16.94	17.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.15	22.19	22.13	22.03	22.02		
10	QPSK	1	25	22.06	21.99	22.19	21.91	21.98	24.00	0
10	QPSK	1	49	22.15	22.12	22.13	21.94	22.06		
10	QPSK	25	0	21.11	21.10	21.17	21.11	21.00		
10	QPSK	25	12	21.08	21.06	21.10	21.01	20.99	23	1
10	QPSK	25	25	21.17	21.11	21.05	20.90	21.00		
10	QPSK	50	0	21.08	21.17	21.19	21.06	21.06		
10	16QAM	1	0	21.07	21.21	21.15	21.08	21.04		
10	16QAM	1	25	21.05	21.02	21.16	20.90	20.99	23	1
10	16QAM	1	49	21.14	21.09	21.13	21.00	21.09		
10	16QAM	25	0	20.16	20.16	20.19	20.15	20.03		
10	16QAM	25	12	20.15	20.02	20.16	19.94	19.95	22	2
10	16QAM	25	25	20.04	20.10	20.01	19.89	19.91		
10	16QAM	50	0	20.14	20.17	20.20	20.13	20.10		
10	64QAM	1	0	20.06	20.17	20.09	19.99	20.04		
10	64QAM	1	25	20.05	20.04	20.13	19.92	20.02	22	2
10	64QAM	1	49	20.10	20.10	20.01	19.96	19.96		
10	64QAM	25	0	19.06	19.08	19.23	19.10	18.96		
10	64QAM	25	12	19.06	19.06	19.12	18.97	18.90	21	3
10	64QAM	25	25	19.10	19.03	19.02	18.99	18.90		
10	64QAM	50	0	19.02	19.16	19.15	19.04	19.04		
10	256QAM	1	0	17.12	17.14	17.20	17.09	16.97		
10	256QAM	1	25	17.07	17.01	17.17	16.96	16.96	19	5
10	256QAM	1	49	17.22	17.13	17.08	16.84	17.05		
10	256QAM	25	0	17.19	17.07	17.23	17.07	17.05		
10	256QAM	25	12	17.11	17.17	17.15	17.02	17.09	19	5
10	256QAM	25	25	17.04	17.04	17.09	16.97	17.06		
10	256QAM	50	0	17.05	17.11	17.04	16.98	16.95		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.09	22.11	22.24	22.03	22.11		
5	QPSK	1	12	22.11	22.07	22.15	21.94	21.99	24.00	0
5	QPSK	1	24	22.14	22.00	22.15	21.92	22.06		
5	QPSK	12	0	21.11	21.08	21.19	21.07	21.02		
5	QPSK	12	7	21.10	20.97	21.13	20.94	20.97	23	1
5	QPSK	12	13	21.14	21.11	21.08	20.91	20.99		
5	QPSK	25	0	21.09	21.20	21.14	21.05	21.08		
5	16QAM	1	0	21.12	21.23	21.10	21.05	21.08		
5	16QAM	1	12	21.00	21.02	21.19	20.92	21.04	23	1
5	16QAM	1	24	21.09	21.05	21.16	21.01	21.00		
5	16QAM	12	0	20.12	20.16	20.13	20.16	20.08		
5	16QAM	12	7	20.15	20.02	20.19	19.91	19.90	22	2
5	16QAM	12	13	20.08	20.10	20.05	19.93	19.89		
5	16QAM	25	0	20.09	20.15	20.17	20.10	20.09		
5	64QAM	1	0	20.10	20.19	20.11	20.00	20.13		
5	64QAM	1	12	20.09	20.05	20.20	19.97	20.03	22	2
5	64QAM	1	24	20.17	20.14	20.05	20.01	20.03		
5	64QAM	12	0	19.08	19.13	19.17	19.09	18.94		
5	64QAM	12	7	19.16	19.00	19.18	19.00	18.94	21	3
5	64QAM	12	13	19.10	19.06	19.06	18.98	19.02		
5	64QAM	25	0	19.14	19.10	19.08	19.08	19.06		
5	256QAM	1	0	17.07	17.10	17.12	17.13	17.02		
5	256QAM	1	12	17.06	17.02	17.07	16.93	16.92	19	5
5	256QAM	1	24	17.18	17.03	17.07	16.91	17.05		
5	256QAM	12	0	17.11	17.07	17.19	17.12	17.07		
5	256QAM	12	7	17.08	17.19	17.17	17.05	17.07	19	5
5	256QAM	12	13	16.99	16.96	17.15	16.92	17.01		
5	256QAM	25	0	17.07	17.15	17.07	16.97	16.98		

Reduced Power Mode for ECI1_Other PA

Band 5 Ant0 ECI1

BW [MHz]	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	25.16	25.37	25.12	25.7	0
10	QPSK	1	25	25.05	25.30	25.01		
10	QPSK	1	49	25.13	25.26	25.02		
10	QPSK	25	0	24.12	24.41	24.10	24.7	1
10	QPSK	25	12	23.99	24.27	24.02		
10	QPSK	25	25	24.12	24.28	24.05		
10	QPSK	50	0	24.13	24.35	24.15		
10	16QAM	1	0	24.21	24.34	24.16	24.7	1
10	16QAM	1	25	24.03	24.32	23.99		
10	16QAM	1	49	24.16	24.25	23.97		
10	16QAM	25	0	23.17	23.35	23.07	23.7	2
10	16QAM	25	12	23.02	23.33	22.97		
10	16QAM	25	25	23.16	23.29	23.09		
10	16QAM	50	0	23.08	23.37	23.21		
10	64QAM	1	0	23.26	23.29	23.21	23.7	2
10	64QAM	1	25	23.06	23.35	22.96		
10	64QAM	1	49	23.18	23.20	23.00		
10	64QAM	25	0	22.09	22.45	22.09	22.7	3
10	64QAM	25	12	22.02	22.25	22.07		
10	64QAM	25	25	22.17	22.23	22.02		
10	64QAM	50	0	22.09	22.32	22.21		
10	256QAM	1	0	20.10	20.43	20.12	20.7	5
10	256QAM	1	25	20.04	20.30	20.06		
10	256QAM	1	49	20.13	20.23	20.09		
10	256QAM	25	0	20.19	20.40	20.11	20.7	5
10	256QAM	25	12	20.22	20.32	20.15		
10	256QAM	25	25	19.98	20.28	19.95		
10	256QAM	50	0	20.13	20.20	20.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.14	25.24	25.07	25.7	0
5	QPSK	1	12	24.92	25.25	24.87		
5	QPSK	1	24	25.00	25.21	24.97		
5	QPSK	12	0	24.03	24.38	23.96	24.7	1
5	QPSK	12	7	23.86	24.19	23.91		
5	QPSK	12	13	24.05	24.22	24.00		
5	QPSK	25	0	24.06	24.26	24.11		
5	16QAM	1	0	24.11	24.28	24.09	24.7	1
5	16QAM	1	12	23.97	24.20	23.95		
5	16QAM	1	24	24.10	24.21	23.92		
5	16QAM	12	0	23.03	23.28	22.94	23.7	2
5	16QAM	12	7	22.93	23.22	22.92		
5	16QAM	12	13	23.04	23.17	23.06		
5	16QAM	25	0	22.95	23.30	23.08		
5	64QAM	1	0	23.21	23.25	23.18	23.7	2
5	64QAM	1	12	23.02	23.32	22.91		
5	64QAM	1	24	23.06	23.17	22.92		
5	64QAM	12	0	22.07	22.35	22.05	22.7	3
5	64QAM	12	7	21.97	22.14	21.95		
5	64QAM	12	13	22.13	22.18	21.90		
5	64QAM	25	0	22.00	22.21	22.16		
5	256QAM	1	0	19.99	20.37	20.05	20.7	5
5	256QAM	1	12	19.93	20.24	20.02		
5	256QAM	1	24	20.08	20.11	20.02		
5	256QAM	12	0	20.05	20.35	19.98	20.7	5
5	256QAM	12	7	20.12	20.29	20.09		
5	256QAM	12	13	19.86	20.17	19.90		
5	256QAM	25	0	20.08	20.11	19.94		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.07	25.23	25.03	25.7	0
3	QPSK	1	8	24.99	25.20	24.91		
3	QPSK	1	14	25.05	25.17	24.88		
3	QPSK	8	0	24.07	24.33	24.02	24.7	1
3	QPSK	8	4	23.91	24.14	23.94		
3	QPSK	8	7	24.05	24.25	24.00		
3	QPSK	15	0	24.02	24.29	24.09		
3	16QAM	1	0	24.12	24.31	24.10	24.7	1
3	16QAM	1	8	23.94	24.22	23.86		
3	16QAM	1	14	24.09	24.13	23.94		
3	16QAM	8	0	23.12	23.23	22.97	23.7	2
3	16QAM	8	4	22.92	23.30	22.85		
3	16QAM	8	7	23.02	23.25	23.07		
3	16QAM	15	0	23.02	23.30	23.09		
3	64QAM	1	0	23.24	23.23	23.15	23.7	2
3	64QAM	1	8	22.93	23.29	22.88		
3	64QAM	1	14	23.05	23.16	22.97		
3	64QAM	8	0	21.95	22.38	22.05	22.7	3
3	64QAM	8	4	21.97	22.15	21.98		
3	64QAM	8	7	22.13	22.21	21.99		
3	64QAM	15	0	21.95	22.21	22.09		
3	256QAM	1	0	20.07	20.39	20.10	20.7	5
3	256QAM	1	8	19.94	20.18	20.00		
3	256QAM	1	14	20.07	20.12	19.96		
3	256QAM	8	0	20.16	20.27	20.05	20.7	5
3	256QAM	8	4	20.11	20.24	20.01		
3	256QAM	8	7	19.90	20.21	19.83		
3	256QAM	15	0	20.07	20.14	19.92		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.14	25.30	24.98	25.7	0
1.4	QPSK	1	3	24.93	25.27	24.91		
1.4	QPSK	1	5	25.01	25.22	24.97		
1.4	QPSK	3	0	25.03	25.25	24.91		
1.4	QPSK	3	1	24.80	25.14	24.88		
1.4	QPSK	3	3	24.93	25.13	24.93		
1.4	QPSK	6	0	24.07	24.30	24.02	24.7	1
1.4	16QAM	1	0	24.15	24.28	24.14	24.7	1
1.4	16QAM	1	3	23.95	24.25	23.92		
1.4	16QAM	1	5	24.08	24.12	23.95		
1.4	16QAM	3	0	24.01	24.22	24.00		
1.4	16QAM	3	1	24.01	24.18	24.02		
1.4	16QAM	3	3	23.92	24.22	23.87		
1.4	16QAM	6	0	23.02	23.34	23.17	23.7	2
1.4	64QAM	1	0	23.19	23.24	23.10	23.7	2
1.4	64QAM	1	3	22.95	23.24	22.86		
1.4	64QAM	1	5	23.12	23.15	22.91		
1.4	64QAM	3	0	22.96	23.27	23.15		
1.4	64QAM	3	1	23.12	23.13	23.04		
1.4	64QAM	3	3	22.88	23.14	22.80		
1.4	64QAM	6	0	21.97	22.25	22.10	22.7	3
1.4	256QAM	1	0	19.97	20.34	20.01	20.7	5
1.4	256QAM	1	3	20.02	20.22	19.96		
1.4	256QAM	1	5	20.07	20.16	20.02		
1.4	256QAM	3	0	20.14	20.33	19.98		
1.4	256QAM	3	1	20.14	20.27	20.12		
1.4	256QAM	3	3	19.94	20.20	19.85		
1.4	256QAM	6	0	20.00	20.12	19.94	20.7	5

Band 5 Ant1 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.80	22.85	22.74	23.2	0
10	QPSK	1	25	22.78	22.77	22.60		
10	QPSK	1	49	22.81	22.83	22.66		
10	QPSK	25	0	22.74	22.83	22.61	23.2	0
10	QPSK	25	12	22.66	22.71	22.49		
10	QPSK	25	25	22.71	22.73	22.57		
10	QPSK	50	0	22.68	22.82	22.67		
10	16QAM	1	0	22.66	22.78	22.70	23.2	0
10	16QAM	1	25	22.70	22.72	22.53		
10	16QAM	1	49	22.76	22.73	22.60		
10	16QAM	25	0	22.68	22.80	22.63	23.2	0
10	16QAM	25	12	22.69	22.73	22.51		
10	16QAM	25	25	22.67	22.80	22.55		
10	16QAM	50	0	22.67	22.74	22.52		
10	64QAM	1	0	22.57	22.65	22.46	23.2	0
10	64QAM	1	25	22.67	22.60	22.44		
10	64QAM	1	49	22.59	22.68	22.60		
10	64QAM	25	0	22.28	22.31	22.21	22.7	0.5
10	64QAM	25	12	22.22	22.29	22.06		
10	64QAM	25	25	22.28	22.28	22.11		
10	64QAM	50	0	22.20	22.27	22.09		
10	256QAM	1	0	20.30	20.33	20.19	20.7	2.5
10	256QAM	1	25	20.23	20.24	20.13		
10	256QAM	1	49	20.30	20.29	20.16		
10	256QAM	25	0	20.25	20.34	20.06	20.7	2.5
10	256QAM	25	12	20.21	20.23	19.96		
10	256QAM	25	25	20.17	20.27	20.02		
10	256QAM	50	0	20.12	20.32	20.19		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.67	22.76	22.69	23.2	0
5	QPSK	1	12	22.65	22.72	22.54		
5	QPSK	1	24	22.76	22.73	22.63		
5	QPSK	12	0	22.71	22.72	22.58	23.2	0
5	QPSK	12	7	22.59	22.65	22.40		
5	QPSK	12	13	22.61	22.63	22.55		
5	QPSK	25	0	22.61	22.70	22.58		
5	16QAM	1	0	22.63	22.72	22.68	23.2	0
5	16QAM	1	12	22.68	22.61	22.51		
5	16QAM	1	24	22.71	22.64	22.57		
5	16QAM	12	0	22.55	22.71	22.55	23.2	0
5	16QAM	12	7	22.64	22.70	22.46		
5	16QAM	12	13	22.55	22.74	22.51		
5	16QAM	25	0	22.63	22.61	22.48		
5	64QAM	1	0	22.52	22.56	22.35	23.2	0
5	64QAM	1	12	22.60	22.56	22.32		
5	64QAM	1	24	22.56	22.57	22.53		
5	64QAM	12	0	22.20	22.19	22.13	22.7	0.5
5	64QAM	12	7	22.12	22.23	21.95		
5	64QAM	12	13	22.16	22.19	22.09		
5	64QAM	25	0	22.07	22.14	21.99		
5	256QAM	1	0	20.16	20.30	20.12	20.7	2.5
5	256QAM	1	12	20.18	20.15	20.02		
5	256QAM	1	24	20.17	20.19	20.04		
5	256QAM	12	0	20.22	20.28	19.95	20.7	2.5
5	256QAM	12	7	20.09	20.16	19.93		
5	256QAM	12	13	20.15	20.16	19.98		
5	256QAM	25	0	20.00	20.23	20.12		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.76	22.77	22.69	23.2	0
3	QPSK	1	8	22.68	22.74	22.48		
3	QPSK	1	14	22.77	22.77	22.61		
3	QPSK	8	0	22.69	22.72	22.53	23.2	0
3	QPSK	8	4	22.52	22.67	22.43		
3	QPSK	8	7	22.62	22.71	22.51		
3	QPSK	15	0	22.64	22.70	22.56		
3	16QAM	1	0	22.53	22.68	22.59	23.2	0
3	16QAM	1	8	22.57	22.65	22.40		
3	16QAM	1	14	22.65	22.65	22.56		
3	16QAM	8	0	22.63	22.66	22.54	23.2	0
3	16QAM	8	4	22.62	22.70	22.47		
3	16QAM	8	7	22.58	22.70	22.49		
3	16QAM	15	0	22.65	22.72	22.44		
3	64QAM	1	0	22.52	22.54	22.33	23.2	0
3	64QAM	1	8	22.57	22.47	22.33		
3	64QAM	1	14	22.55	22.59	22.54		
3	64QAM	8	0	22.21	22.28	22.11	22.7	0.5
3	64QAM	8	4	22.09	22.16	21.98		
3	64QAM	8	7	22.15	22.17	22.05		
3	64QAM	15	0	22.16	22.15	22.02		
3	256QAM	1	0	20.23	20.19	20.08	20.7	2.5
3	256QAM	1	8	20.15	20.21	20.00		
3	256QAM	1	14	20.21	20.26	20.05		
3	256QAM	8	0	20.15	20.24	19.94	20.7	2.5
3	256QAM	8	4	20.11	20.16	19.82		
3	256QAM	8	7	20.13	20.17	19.91		
3	256QAM	15	0	20.01	20.21	20.10		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.66	22.78	22.64	23.2	0
1.4	QPSK	1	3	22.70	22.72	22.47		
1.4	QPSK	1	5	22.72	22.74	22.56		
1.4	QPSK	3	0	22.64	22.70	22.48		
1.4	QPSK	3	1	22.54	22.64	22.39		
1.4	QPSK	3	3	22.65	22.64	22.46		
1.4	QPSK	6	0	22.56	22.75	22.57	23.2	0
1.4	16QAM	1	0	22.53	22.75	22.57	23.2	0
1.4	16QAM	1	3	22.56	22.61	22.43		
1.4	16QAM	1	5	22.70	22.67	22.48		
1.4	16QAM	3	0	22.60	22.72	22.61		
1.4	16QAM	3	1	22.65	22.61	22.42		
1.4	16QAM	3	3	22.58	22.78	22.50		
1.4	16QAM	6	0	22.53	22.62	22.45	23.2	0
1.4	64QAM	1	0	22.44	22.54	22.42	23.2	0
1.4	64QAM	1	3	22.62	22.56	22.31		
1.4	64QAM	1	5	22.55	22.55	22.55		
1.4	64QAM	3	0	22.37	22.40	22.30		
1.4	64QAM	3	1	22.56	22.53	22.23		
1.4	64QAM	3	3	22.49	22.43	22.48		
1.4	64QAM	6	0	22.11	22.16	21.96	22.7	0.5
1.4	256QAM	1	0	20.25	20.27	20.06	20.7	2.5
1.4	256QAM	1	3	20.15	20.14	20.10		
1.4	256QAM	1	5	20.21	20.17	20.09		
1.4	256QAM	3	0	20.19	20.29	20.00		
1.4	256QAM	3	1	20.13	20.20	19.88		
1.4	256QAM	3	3	20.03	20.22	19.95		
1.4	256QAM	6	0	19.99	20.22	20.13	20.7	2.5

Band 7 Ant2 ECI1

BW [MHz]	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	24.51	24.54	24.48	25.5	0
20	QPSK	1	49	24.39	24.49	24.42		
20	QPSK	1	99	24.47	24.47	24.46		
20	QPSK	50	0	23.48	23.58	23.54	24.5	1
20	QPSK	50	24	23.45	23.48	23.45		
20	QPSK	50	50	23.46	23.47	23.41		
20	QPSK	100	0	23.48	23.52	23.44		
20	16QAM	1	0	23.46	23.50	23.47	24.5	1
20	16QAM	1	49	23.36	23.52	23.40		
20	16QAM	1	99	23.42	23.49	23.49		
20	16QAM	50	0	22.44	22.58	22.50	23.5	2
20	16QAM	50	24	22.47	22.51	22.47		
20	16QAM	50	50	22.51	22.49	22.36		
20	16QAM	100	0	22.52	22.47	22.47		
20	64QAM	1	0	22.47	22.54	22.51	23.5	2
20	64QAM	1	49	22.35	22.51	22.36		
20	64QAM	1	99	22.46	22.54	22.48		
20	64QAM	50	0	21.46	21.61	21.50	22.5	3
20	64QAM	50	24	21.50	21.53	21.49		
20	64QAM	50	50	21.47	21.42	21.44		
20	64QAM	100	0	21.42	21.58	21.46		
20	256QAM	1	0	19.51	19.53	19.60	20.5	5
20	256QAM	1	49	19.40	19.52	19.44		
20	256QAM	1	99	19.45	19.43	19.35		
20	256QAM	50	0	19.53	19.54	19.39	20.5	5
20	256QAM	50	24	19.49	19.48	19.46		
20	256QAM	50	50	19.40	19.51	19.45		
20	256QAM	100	0	19.41	19.43	19.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.47	24.41	24.37	25.5	0
15	QPSK	1	37	24.29	24.42	24.39		
15	QPSK	1	74	24.39	24.33	24.34		
15	QPSK	36	0	23.34	23.48	23.45	24.5	1
15	QPSK	36	20	23.42	23.36	23.34		
15	QPSK	36	39	23.33	23.44	23.28		
15	QPSK	75	0	23.39	23.45	23.42		
15	16QAM	1	0	23.43	23.46	23.37	24.5	1
15	16QAM	1	37	23.32	23.44	23.27		
15	16QAM	1	74	23.40	23.43	23.39		
15	16QAM	36	0	22.40	22.48	22.45	23.5	2
15	16QAM	36	20	22.34	22.42	22.45		
15	16QAM	36	39	22.49	22.46	22.33		
15	16QAM	75	0	22.40	22.44	22.42		
15	64QAM	1	0	22.37	22.44	22.40	23.5	2
15	64QAM	1	37	22.26	22.46	22.28		
15	64QAM	1	74	22.43	22.46	22.38		
15	64QAM	36	0	21.33	21.54	21.44	22.5	3
15	64QAM	36	20	21.41	21.40	21.37		
15	64QAM	36	39	21.36	21.29	21.40		
15	64QAM	75	0	21.31	21.52	21.34		
15	256QAM	1	0	19.40	19.45	19.51	20.5	5
15	256QAM	1	37	19.28	19.48	19.42		
15	256QAM	1	74	19.39	19.30	19.22		
15	256QAM	36	0	19.39	19.42	19.26	20.5	5
15	256QAM	36	20	19.44	19.38	19.37		
15	256QAM	36	39	19.33	19.41	19.37		
15	256QAM	75	0	19.36	19.33	19.44		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.45	24.43	24.39	25.5	0
10	QPSK	1	25	24.32	24.43	24.39		
10	QPSK	1	49	24.41	24.44	24.43		
10	QPSK	25	0	23.38	23.54	23.52	24.5	1
10	QPSK	25	12	23.36	23.45	23.34		
10	QPSK	25	25	23.33	23.38	23.37		
10	QPSK	50	0	23.43	23.48	23.41		
10	16QAM	1	0	23.37	23.37	23.35	24.5	1
10	16QAM	1	25	23.25	23.42	23.33		
10	16QAM	1	49	23.35	23.39	23.40		
10	16QAM	25	0	22.40	22.53	22.45	23.5	2
10	16QAM	25	12	22.42	22.48	22.33		
10	16QAM	25	25	22.41	22.38	22.28		
10	16QAM	50	0	22.45	22.38	22.39		
10	64QAM	1	0	22.43	22.45	22.46	23.5	2
10	64QAM	1	25	22.31	22.44	22.24		
10	64QAM	1	49	22.36	22.45	22.36		
10	64QAM	25	0	21.33	21.51	21.44	22.5	3
10	64QAM	25	12	21.47	21.41	21.37		
10	64QAM	25	25	21.36	21.28	21.31		
10	64QAM	50	0	21.38	21.48	21.38		
10	256QAM	1	0	19.37	19.39	19.54	20.5	5
10	256QAM	1	25	19.30	19.40	19.30		
10	256QAM	1	49	19.32	19.35	19.22		
10	256QAM	25	0	19.47	19.44	19.31	20.5	5
10	256QAM	25	12	19.42	19.34	19.36		
10	256QAM	25	25	19.37	19.39	19.32		
10	256QAM	50	0	19.37	19.41	19.44		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.42	24.50	24.45	25.5	0
5	QPSK	1	12	24.32	24.44	24.29		
5	QPSK	1	24	24.43	24.41	24.33		
5	QPSK	12	0	23.35	23.51	23.47	24.5	1
5	QPSK	12	7	23.35	23.40	23.36		
5	QPSK	12	13	23.40	23.40	23.30		
5	QPSK	25	0	23.45	23.39	23.32		
5	16QAM	1	0	23.34	23.45	23.38	24.5	1
5	16QAM	1	12	23.34	23.44	23.29		
5	16QAM	1	24	23.28	23.38	23.42		
5	16QAM	12	0	22.34	22.54	22.41	23.5	2
5	16QAM	12	7	22.36	22.38	22.40		
5	16QAM	12	13	22.49	22.46	22.24		
5	16QAM	25	0	22.45	22.40	22.38		
5	64QAM	1	0	22.43	22.42	22.46	23.5	2
5	64QAM	1	12	22.24	22.40	22.34		
5	64QAM	1	24	22.39	22.47	22.45		
5	64QAM	12	0	21.38	21.56	21.42	22.5	3
5	64QAM	12	7	21.45	21.47	21.42		
5	64QAM	12	13	21.40	21.37	21.38		
5	64QAM	25	0	21.36	21.49	21.41		
5	256QAM	1	0	19.47	19.48	19.54	20.5	5
5	256QAM	1	12	19.26	19.42	19.31		
5	256QAM	1	24	19.33	19.32	19.23		
5	256QAM	12	0	19.47	19.45	19.34	20.5	5
5	256QAM	12	7	19.42	19.42	19.43		
5	256QAM	12	13	19.31	19.37	19.33		
5	256QAM	25	0	19.34	19.30	19.33		

Band 7 Ant3 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.52	18.57	18.51	19.7	0
20	QPSK	1	49	18.45	18.47	18.36		
20	QPSK	1	99	18.39	18.42	18.34		
20	QPSK	50	0	18.41	18.52	18.48	19.7	0
20	QPSK	50	24	18.34	18.37	18.34		
20	QPSK	50	50	18.37	18.31	18.23		
20	QPSK	100	0	18.45	18.51	18.42		
20	16QAM	1	0	18.50	18.47	18.38	19.7	0
20	16QAM	1	49	18.37	18.33	18.23		
20	16QAM	1	99	18.27	18.38	18.28		
20	16QAM	50	0	18.41	18.46	18.38	19.7	0
20	16QAM	50	24	18.41	18.37	18.25		
20	16QAM	50	50	18.28	18.36	18.29		
20	16QAM	100	0	18.28	18.49	18.38		
20	64QAM	1	0	18.28	18.32	18.28	19.7	0
20	64QAM	1	49	18.33	18.18	18.21		
20	64QAM	1	99	18.42	18.48	18.37		
20	64QAM	50	0	18.38	18.44	18.48	19.7	0
20	64QAM	50	24	18.35	18.40	18.27		
20	64QAM	50	50	18.29	18.40	18.26		
20	64QAM	100	0	18.28	18.48	18.37		
20	256QAM	1	0	18.40	18.43	18.40	19.7	0
20	256QAM	1	49	18.38	18.43	18.26		
20	256QAM	1	99	18.36	18.31	18.21		
20	256QAM	50	0	18.34	18.42	18.44	19.7	0
20	256QAM	50	24	18.28	18.35	18.31		
20	256QAM	50	50	18.26	18.20	18.19		
20	256QAM	100	0	18.37	18.49	18.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.47	18.44	18.45	19.7	0
15	QPSK	1	37	18.37	18.43	18.28		
15	QPSK	1	74	18.32	18.33	18.21		
15	QPSK	36	0	18.29	18.40	18.46	19.7	0
15	QPSK	36	20	18.24	18.33	18.29		
15	QPSK	36	39	18.31	18.25	18.16		
15	QPSK	75	0	18.37	18.43	18.37		
15	16QAM	1	0	18.45	18.36	18.34	19.7	0
15	16QAM	1	37	18.24	18.27	18.20		
15	16QAM	1	74	18.15	18.32	18.26		
15	16QAM	36	0	18.35	18.36	18.32	19.7	0
15	16QAM	36	20	18.32	18.35	18.16		
15	16QAM	36	39	18.17	18.25	18.24		
15	16QAM	75	0	18.15	18.44	18.27		
15	64QAM	1	0	18.22	18.29	18.18	19.7	0
15	64QAM	1	37	18.26	18.09	18.12		
15	64QAM	1	74	18.33	18.39	18.34		
15	64QAM	36	0	18.25	18.33	18.38	19.7	0
15	64QAM	36	20	18.30	18.36	18.15		
15	64QAM	36	39	18.27	18.37	18.22		
15	64QAM	75	0	18.16	18.44	18.31		
15	256QAM	1	0	18.28	18.36	18.35	19.7	0
15	256QAM	1	37	18.36	18.35	18.23		
15	256QAM	1	74	18.24	18.28	18.13		
15	256QAM	36	0	18.22	18.36	18.38	19.7	0
15	256QAM	36	20	18.15	18.23	18.28		
15	256QAM	36	39	18.22	18.17	18.09		
15	256QAM	75	0	18.29	18.38	18.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.39	18.49	18.45	19.7	0
10	QPSK	1	25	18.35	18.33	18.25		
10	QPSK	1	49	18.29	18.36	18.30		
10	QPSK	25	0	18.35	18.46	18.42	19.7	0
10	QPSK	25	12	18.23	18.27	18.29		
10	QPSK	25	25	18.29	18.25	18.18		
10	QPSK	50	0	18.39	18.48	18.34		
10	16QAM	1	0	18.37	18.35	18.27	19.7	0
10	16QAM	1	25	18.27	18.24	18.20		
10	16QAM	1	49	18.21	18.28	18.18		
10	16QAM	25	0	18.34	18.36	18.32	19.7	0
10	16QAM	25	12	18.28	18.28	18.20		
10	16QAM	25	25	18.16	18.26	18.22		
10	16QAM	50	0	18.23	18.41	18.31		
10	64QAM	1	0	18.15	18.25	18.17	19.7	0
10	64QAM	1	25	18.27	18.08	18.17		
10	64QAM	1	49	18.34	18.45	18.29		
10	64QAM	25	0	18.32	18.40	18.40	19.7	0
10	64QAM	25	12	18.22	18.35	18.25		
10	64QAM	25	25	18.21	18.29	18.15		
10	64QAM	50	0	18.15	18.35	18.27		
10	256QAM	1	0	18.31	18.36	18.33	19.7	0
10	256QAM	1	25	18.27	18.31	18.17		
10	256QAM	1	49	18.24	18.25	18.13		
10	256QAM	25	0	18.25	18.32	18.34	19.7	0
10	256QAM	25	12	18.18	18.32	18.23		
10	256QAM	25	25	18.14	18.13	18.12		
10	256QAM	50	0	18.33	18.43	18.18		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.43	18.43	18.42	19.7	0
5	QPSK	1	12	18.32	18.41	18.23		
5	QPSK	1	24	18.36	18.37	18.20		
5	QPSK	12	0	18.38	18.44	18.38	19.7	0
5	QPSK	12	7	18.22	18.31	18.22		
5	QPSK	12	13	18.33	18.17	18.20		
5	QPSK	25	0	18.34	18.41	18.34		
5	16QAM	1	0	18.40	18.42	18.31	19.7	0
5	16QAM	1	12	18.34	18.31	18.20		
5	16QAM	1	24	18.14	18.29	18.26		
5	16QAM	12	0	18.37	18.33	18.25	19.7	0
5	16QAM	12	7	18.34	18.31	18.13		
5	16QAM	12	13	18.18	18.33	18.21		
5	16QAM	25	0	18.22	18.37	18.34		
5	64QAM	1	0	18.17	18.19	18.16	19.7	0
5	64QAM	1	12	18.30	18.15	18.08		
5	64QAM	1	24	18.31	18.43	18.31		
5	64QAM	12	0	18.35	18.30	18.40	19.7	0
5	64QAM	12	7	18.28	18.27	18.17		
5	64QAM	12	13	18.16	18.36	18.23		
5	64QAM	25	0	18.25	18.43	18.26		
5	256QAM	1	0	18.38	18.38	18.30	19.7	0
5	256QAM	1	12	18.33	18.39	18.22		
5	256QAM	1	24	18.29	18.22	18.12		
5	256QAM	12	0	18.27	18.37	18.34	19.7	0
5	256QAM	12	7	18.17	18.21	18.23		
5	256QAM	12	13	18.20	18.13	18.10		
5	256QAM	25	0	18.34	18.36	18.21		

Band 7 Ant4 ECI1

BW [MHz]	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	16.52	16.55	16.46	17.2	0
20	QPSK	1	49	16.40	16.39	16.31		
20	QPSK	1	99	16.33	16.42	16.41		
20	QPSK	50	0	16.40	16.50	16.34	17.2	0
20	QPSK	50	24	16.40	16.37	16.33		
20	QPSK	50	50	16.38	16.42	16.25		
20	QPSK	100	0	16.43	16.48	16.39		
20	16QAM	1	0	16.46	16.41	16.31	17.2	0
20	16QAM	1	49	16.34	16.21	16.24		
20	16QAM	1	99	16.42	16.31	16.23		
20	16QAM	50	0	16.29	16.40	16.28	17.2	0
20	16QAM	50	24	16.42	16.15	16.26		
20	16QAM	50	50	16.18	16.28	16.22		
20	16QAM	100	0	16.33	16.36	16.23		
20	64QAM	1	0	16.35	16.43	16.31	17.2	0
20	64QAM	1	49	16.27	16.09	16.18		
20	64QAM	1	99	16.24	16.30	16.23		
20	64QAM	50	0	16.31	16.33	16.30	17.2	0
20	64QAM	50	24	16.36	16.34	16.22		
20	64QAM	50	50	16.25	16.24	16.22		
20	64QAM	100	0	16.31	16.30	16.39		
20	256QAM	1	0	16.32	16.38	16.37	17.2	0
20	256QAM	1	49	16.34	16.19	16.23		
20	256QAM	1	99	16.34	16.29	16.10		
20	256QAM	50	0	16.29	16.45	16.25	17.2	0
20	256QAM	50	24	16.31	16.27	16.29		
20	256QAM	50	50	16.21	16.14	16.10		
20	256QAM	100	0	16.32	16.21	16.27		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.47	16.42	16.39	17.2	0
15	QPSK	1	37	16.28	16.31	16.19		
15	QPSK	1	74	16.19	16.33	16.36		
15	QPSK	36	0	16.37	16.45	16.24	17.2	0
15	QPSK	36	20	16.28	16.30	16.30		
15	QPSK	36	39	16.28	16.33	16.22		
15	QPSK	75	0	16.35	16.44	16.26		
15	16QAM	1	0	16.36	16.37	16.23	17.2	0
15	16QAM	1	37	16.24	16.15	16.20		
15	16QAM	1	74	16.29	16.29	16.13		
15	16QAM	36	0	16.22	16.32	16.16	17.2	0
15	16QAM	36	20	16.33	16.07	16.12		
15	16QAM	36	39	16.09	16.21	16.18		
15	16QAM	75	0	16.26	16.32	16.17		
15	64QAM	1	0	16.28	16.32	16.19	17.2	0
15	64QAM	1	37	16.24	15.98	16.10		
15	64QAM	1	74	16.20	16.24	16.19		
15	64QAM	36	0	16.28	16.22	16.22	17.2	0
15	64QAM	36	20	16.24	16.26	16.18		
15	64QAM	36	39	16.21	16.17	16.17		
15	64QAM	75	0	16.20	16.20	16.30		
15	256QAM	1	0	16.20	16.31	16.30	17.2	0
15	256QAM	1	37	16.29	16.10	16.20		
15	256QAM	1	74	16.32	16.25	16.05		
15	256QAM	36	0	16.20	16.42	16.20	17.2	0
15	256QAM	36	20	16.17	16.21	16.18		
15	256QAM	36	39	16.13	16.11	16.04		
15	256QAM	75	0	16.22	16.15	16.18		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.38	16.47	16.40	17.2	0
10	QPSK	1	25	16.34	16.34	16.27		
10	QPSK	1	49	16.20	16.40	16.35		
10	QPSK	25	0	16.27	16.38	16.27	17.2	0
10	QPSK	25	12	16.29	16.28	16.28		
10	QPSK	25	25	16.31	16.36	16.21		
10	QPSK	50	0	16.37	16.44	16.27		
10	16QAM	1	0	16.42	16.34	16.19	17.2	0
10	16QAM	1	25	16.31	16.07	16.20		
10	16QAM	1	49	16.28	16.21	16.16		
10	16QAM	25	0	16.22	16.28	16.23	17.2	0
10	16QAM	25	12	16.28	16.03	16.20		
10	16QAM	25	25	16.06	16.23	16.19		
10	16QAM	50	0	16.23	16.23	16.13		
10	64QAM	1	0	16.23	16.33	16.23	17.2	0
10	64QAM	1	25	16.15	15.98	16.11		
10	64QAM	1	49	16.20	16.27	16.16		
10	64QAM	25	0	16.28	16.24	16.27	17.2	0
10	64QAM	25	12	16.25	16.29	16.12		
10	64QAM	25	25	16.15	16.18	16.16		
10	64QAM	50	0	16.22	16.21	16.30		
10	256QAM	1	0	16.26	16.30	16.25	17.2	0
10	256QAM	1	25	16.22	16.12	16.10		
10	256QAM	1	49	16.22	16.22	16.02		
10	256QAM	25	0	16.21	16.32	16.22	17.2	0
10	256QAM	25	12	16.21	16.25	16.19		
10	256QAM	25	25	16.17	16.03	15.96		
10	256QAM	50	0	16.20	16.08	16.14		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.47	16.49	16.41	17.2	0
5	QPSK	1	12	16.30	16.27	16.21		
5	QPSK	1	24	16.24	16.34	16.28		
5	QPSK	12	0	16.30	16.48	16.29	17.2	0
5	QPSK	12	7	16.34	16.32	16.24		
5	QPSK	12	13	16.32	16.29	16.22		
5	QPSK	25	0	16.31	16.40	16.36		
5	16QAM	1	0	16.34	16.36	16.18	17.2	0
5	16QAM	1	12	16.28	16.15	16.18		
5	16QAM	1	24	16.29	16.19	16.15		
5	16QAM	12	0	16.15	16.35	16.26	17.2	0
5	16QAM	12	7	16.36	16.04	16.17		
5	16QAM	12	13	16.15	16.21	16.15		
5	16QAM	25	0	16.27	16.28	16.16		
5	64QAM	1	0	16.32	16.32	16.24	17.2	0
5	64QAM	1	12	16.18	16.05	16.10		
5	64QAM	1	24	16.13	16.23	16.14		
5	64QAM	12	0	16.26	16.19	16.26	17.2	0
5	64QAM	12	7	16.33	16.31	16.18		
5	64QAM	12	13	16.13	16.21	16.18		
5	64QAM	25	0	16.20	16.25	16.33		
5	256QAM	1	0	16.28	16.28	16.31	17.2	0
5	256QAM	1	12	16.30	16.15	16.13		
5	256QAM	1	24	16.28	16.25	15.97		
5	256QAM	12	0	16.26	16.31	16.11	17.2	0
5	256QAM	12	7	16.22	16.22	16.21		
5	256QAM	12	13	16.08	16.09	16.03		
5	256QAM	25	0	16.30	16.11	16.25		

Band 7 Ant5 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.65	19.75	19.60		
20	QPSK	1	49	19.54	19.71	19.53	21	0
20	QPSK	1	99	19.64	19.73	19.59		
20	QPSK	50	0	19.62	19.73	19.50		
20	QPSK	50	24	19.43	19.61	19.42	21	0
20	QPSK	50	50	19.55	19.63	19.50		
20	QPSK	100	0	19.53	19.71	19.54		
20	16QAM	1	0	19.55	19.68	19.57		
20	16QAM	1	49	19.51	19.61	19.50	21	0
20	16QAM	1	99	19.62	19.65	19.46		
20	16QAM	50	0	19.63	19.65	19.47		
20	16QAM	50	24	19.47	19.62	19.41	21	0
20	16QAM	50	50	19.61	19.69	19.48		
20	16QAM	100	0	19.51	19.62	19.48		
20	64QAM	1	0	19.38	19.53	19.34		
20	64QAM	1	49	19.51	19.50	19.44	21	0
20	64QAM	1	99	19.45	19.64	19.49		
20	64QAM	50	0	19.15	19.21	19.09		
20	64QAM	50	24	19.00	19.26	19.06	20.5	0.5
20	64QAM	50	50	19.14	19.24	19.08		
20	64QAM	100	0	19.12	19.17	18.99		
20	256QAM	1	0	17.20	17.30	17.12		
20	256QAM	1	49	17.07	17.18	16.97	18.5	2.5
20	256QAM	1	99	17.18	17.20	17.06		
20	256QAM	50	0	17.13	17.21	16.99		
20	256QAM	50	24	16.88	17.12	16.89	18.5	2.5
20	256QAM	50	50	17.05	17.11	16.97		
20	256QAM	100	0	17.00	17.23	17.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.56	19.62	19.46		
15	QPSK	1	37	19.41	19.61	19.47	21	0
15	QPSK	1	74	19.51	19.68	19.51		
15	QPSK	36	0	19.53	19.70	19.40		
15	QPSK	36	20	19.37	19.50	19.38	21	0
15	QPSK	36	39	19.42	19.60	19.48		
15	QPSK	75	0	19.41	19.58	19.46		
15	16QAM	1	0	19.43	19.61	19.45		
15	16QAM	1	37	19.40	19.57	19.39	21	0
15	16QAM	1	74	19.50	19.56	19.34		
15	16QAM	36	0	19.59	19.53	19.33		
15	16QAM	36	20	19.36	19.53	19.27	21	0
15	16QAM	36	39	19.55	19.60	19.37		
15	16QAM	75	0	19.41	19.51	19.40		
15	64QAM	1	0	19.30	19.40	19.24		
15	64QAM	1	37	19.48	19.38	19.42	21	0
15	64QAM	1	74	19.41	19.52	19.46		
15	64QAM	36	0	19.08	19.11	18.97		
15	64QAM	36	20	18.87	19.16	18.99	20.5	0.5
15	64QAM	36	39	19.00	19.14	18.98		
15	64QAM	75	0	19.07	19.10	18.87		
15	256QAM	1	0	17.12	17.19	16.99		
15	256QAM	1	37	17.02	17.06	16.90	18.5	2.5
15	256QAM	1	74	17.08	17.18	17.00		
15	256QAM	36	0	17.02	17.14	16.96		
15	256QAM	36	20	16.82	17.09	16.81	18.5	2.5
15	256QAM	36	39	16.98	17.03	16.89		
15	256QAM	75	0	16.97	17.11	17.00		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.54	19.67	19.51		
10	QPSK	1	25	19.47	19.65	19.43	21	0
10	QPSK	1	49	19.61	19.64	19.52		
10	QPSK	25	0	19.50	19.64	19.40		
10	QPSK	25	12	19.32	19.48	19.34	21	0
10	QPSK	25	25	19.47	19.58	19.41		
10	QPSK	50	0	19.46	19.64	19.46		
10	16QAM	1	0	19.52	19.58	19.47		
10	16QAM	1	25	19.46	19.57	19.38	21	0
10	16QAM	1	49	19.57	19.55	19.40		
10	16QAM	25	0	19.55	19.55	19.42		
10	16QAM	25	12	19.36	19.52	19.34	21	0
10	16QAM	25	25	19.55	19.61	19.34		
10	16QAM	50	0	19.39	19.50	19.37		
10	64QAM	1	0	19.35	19.45	19.25		
10	64QAM	1	25	19.38	19.38	19.37	21	0
10	64QAM	1	49	19.37	19.58	19.42		
10	64QAM	25	0	19.09	19.11	18.98		
10	64QAM	25	12	18.91	19.22	18.94	20.5	0.5
10	64QAM	25	25	19.03	19.20	18.98		
10	64QAM	50	0	19.06	19.12	18.90		
10	256QAM	1	0	17.09	17.17	17.06		
10	256QAM	1	25	17.02	17.15	16.92	18.5	2.5
10	256QAM	1	49	17.14	17.14	16.99		
10	256QAM	25	0	17.09	17.09	16.92		
10	256QAM	25	12	16.77	17.06	16.80	18.5	2.5
10	256QAM	25	25	16.96	16.98	16.91		
10	256QAM	50	0	16.90	17.15	16.99		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.59	19.68	19.52		
5	QPSK	1	12	19.40	19.64	19.50	21	0
5	QPSK	1	24	19.58	19.69	19.50		
5	QPSK	12	0	19.58	19.61	19.47		
5	QPSK	12	7	19.37	19.54	19.40	21	0
5	QPSK	12	13	19.47	19.57	19.44		
5	QPSK	25	0	19.43	19.61	19.51		
5	16QAM	1	0	19.46	19.57	19.51		
5	16QAM	1	12	19.41	19.49	19.44	21	0
5	16QAM	1	24	19.50	19.59	19.43		
5	16QAM	12	0	19.54	19.52	19.40		
5	16QAM	12	7	19.38	19.56	19.33	21	0
5	16QAM	12	13	19.56	19.66	19.42		
5	16QAM	25	0	19.38	19.59	19.44		
5	64QAM	1	0	19.32	19.40	19.30		
5	64QAM	1	12	19.42	19.37	19.35	21	0
5	64QAM	1	24	19.32	19.54	19.41		
5	64QAM	12	0	19.09	19.11	19.02		
5	64QAM	12	7	18.97	19.19	18.97	20.5	0.5
5	64QAM	12	13	19.11	19.20	18.97		
5	64QAM	25	0	19.09	19.13	18.96		
5	256QAM	1	0	17.07	17.24	17.02		
5	256QAM	1	12	17.01	17.11	16.83	18.5	2.5
5	256QAM	1	24	17.13	17.12	17.04		
5	256QAM	12	0	17.02	17.09	16.95		
5	256QAM	12	7	16.85	17.00	16.75	18.5	2.5
5	256QAM	12	13	16.93	17.01	16.90		
5	256QAM	25	0	16.86	17.16	17.01		

Band 38 Ant2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.28	24.33	24.21	25.5	0
20	QPSK	1	49	24.25	24.27	24.10		
20	QPSK	1	99	24.24	24.26	24.09		
20	QPSK	50	0	23.24	23.38	23.25	24.5	1
20	QPSK	50	24	23.24	23.26	23.09		
20	QPSK	50	50	23.22	23.21	23.13		
20	QPSK	100	0	23.29	23.34	23.21		
20	16QAM	1	0	23.23	23.33	23.21	24.5	1
20	16QAM	1	49	23.22	23.26	23.08		
20	16QAM	1	99	23.21	23.21	23.12		
20	16QAM	50	0	22.27	22.41	22.30	23.5	2
20	16QAM	50	24	22.25	22.23	22.08		
20	16QAM	50	50	22.16	22.25	22.10		
20	16QAM	100	0	22.29	22.35	22.17		
20	64QAM	1	0	22.27	22.28	22.21	23.5	2
20	64QAM	1	49	22.19	22.30	22.04		
20	64QAM	1	99	22.21	22.15	22.11		
20	64QAM	50	0	21.29	21.43	21.28	22.5	3
20	64QAM	50	24	21.19	21.22	21.07		
20	64QAM	50	50	21.26	21.25	21.18		
20	64QAM	100	0	21.30	21.32	21.15		
20	256QAM	1	0	19.29	19.38	19.23	20.5	5
20	256QAM	1	49	19.22	19.25	19.06		
20	256QAM	1	99	19.27	19.21	19.11		
20	256QAM	50	0	19.27	19.34	19.23	20.5	5
20	256QAM	50	24	19.24	19.36	19.15		
20	256QAM	50	50	19.16	19.26	19.06		
20	256QAM	100	0	19.26	19.27	19.16		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.18	24.22	24.13	25.5	0
15	QPSK	1	37	24.23	24.22	24.06		
15	QPSK	1	74	24.18	24.16	24.06		
15	QPSK	36	0	23.18	23.30	23.15	24.5	1
15	QPSK	36	20	23.16	23.14	22.99		
15	QPSK	36	39	23.20	23.15	23.04		
15	QPSK	75	0	23.24	23.20	23.15		
15	16QAM	1	0	23.12	23.23	23.11	24.5	1
15	16QAM	1	37	23.10	23.15	23.05		
15	16QAM	1	74	23.18	23.11	23.05		
15	16QAM	36	0	22.21	22.29	22.19	23.5	2
15	16QAM	36	20	22.15	22.14	22.03		
15	16QAM	36	39	22.09	22.19	22.00		
15	16QAM	75	0	22.19	22.24	22.10		
15	64QAM	1	0	22.14	22.22	22.09	23.5	2
15	64QAM	1	37	22.06	22.23	22.00		
15	64QAM	1	74	22.10	22.08	22.00		
15	64QAM	36	0	21.21	21.40	21.25	22.5	3
15	64QAM	36	20	21.16	21.10	20.99		
15	64QAM	36	39	21.16	21.21	21.12		
15	64QAM	75	0	21.25	21.27	21.04		
15	256QAM	1	0	19.22	19.25	19.10	20.5	5
15	256QAM	1	37	19.09	19.15	19.03		
15	256QAM	1	74	19.24	19.18	19.03		
15	256QAM	36	0	19.23	19.29	19.19	20.5	5
15	256QAM	36	20	19.21	19.30	19.08		
15	256QAM	36	39	19.08	19.13	18.95		
15	256QAM	75	0	19.18	19.19	19.12		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.18	24.25	24.07	25.5	0
10	QPSK	1	25	24.14	24.16	24.07		
10	QPSK	1	49	24.17	24.21	24.05		
10	QPSK	25	0	23.15	23.35	23.21	24.5	1
10	QPSK	25	12	23.20	23.23	22.96		
10	QPSK	25	25	23.19	23.08	23.02		
10	QPSK	50	0	23.25	23.26	23.13		
10	16QAM	1	0	23.10	23.28	23.09	24.5	1
10	16QAM	1	25	23.10	23.13	22.98		
10	16QAM	1	49	23.11	23.08	23.08		
10	16QAM	25	0	22.15	22.36	22.25	23.5	2
10	16QAM	25	12	22.16	22.17	22.03		
10	16QAM	25	25	22.08	22.15	22.04		
10	16QAM	50	0	22.22	22.26	22.13		
10	64QAM	1	0	22.15	22.17	22.19	23.5	2
10	64QAM	1	25	22.13	22.25	21.98		
10	64QAM	1	49	22.14	22.06	21.98		
10	64QAM	25	0	21.15	21.39	21.18	22.5	3
10	64QAM	25	12	21.07	21.13	21.00		
10	64QAM	25	25	21.13	21.18	21.15		
10	64QAM	50	0	21.16	21.20	21.05		
10	256QAM	1	0	19.24	19.33	19.21	20.5	5
10	256QAM	1	25	19.09	19.19	18.93		
10	256QAM	1	49	19.20	19.10	18.98		
10	256QAM	25	0	19.19	19.25	19.17	20.5	5
10	256QAM	25	12	19.15	19.31	19.07		
10	256QAM	25	25	19.06	19.16	18.98		
10	256QAM	50	0	19.22	19.21	19.07		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.24	24.25	24.16	25.5	0
5	QPSK	1	12	24.15	24.25	24.02		
5	QPSK	1	24	24.18	24.23	24.05		
5	QPSK	12	0	23.14	23.34	23.15	24.5	1
5	QPSK	12	7	23.16	23.15	23.05		
5	QPSK	12	13	23.12	23.08	23.03		
5	QPSK	25	0	23.24	23.23	23.09		
5	16QAM	1	0	23.10	23.20	23.18	24.5	1
5	16QAM	1	12	23.08	23.14	22.96		
5	16QAM	1	24	23.19	23.15	22.99		
5	16QAM	12	0	22.23	22.32	22.20	23.5	2
5	16QAM	12	7	22.19	22.13	21.99		
5	16QAM	12	13	22.04	22.13	21.97		
5	16QAM	25	0	22.25	22.28	22.09		
5	64QAM	1	0	22.17	22.18	22.19	23.5	2
5	64QAM	1	12	22.16	22.20	21.95		
5	64QAM	1	24	22.16	22.10	22.06		
5	64QAM	12	0	21.22	21.33	21.19	22.5	3
5	64QAM	12	7	21.08	21.09	21.05		
5	64QAM	12	13	21.22	21.21	21.15		
5	64QAM	25	0	21.26	21.20	21.09		
5	256QAM	1	0	19.17	19.27	19.11	20.5	5
5	256QAM	1	12	19.12	19.11	18.96		
5	256QAM	1	24	19.18	19.12	18.98		
5	256QAM	12	0	19.15	19.26	19.09	20.5	5
5	256QAM	12	7	19.16	19.27	19.10		
5	256QAM	12	13	19.11	19.20	18.97		
5	256QAM	25	0	19.21	19.16	19.07		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.42	24.48	24.55	24.45	24.53	25.5	0
20	QPSK	1	49	24.30	24.39	24.47	24.37	24.51		
20	QPSK	1	99	24.33	24.37	24.44	24.38	24.43		
20	QPSK	50	0	23.44	23.44	23.57	23.49	23.54	24.5	1
20	QPSK	50	24	23.33	23.37	23.51	23.43	23.52		
20	QPSK	50	50	23.33	23.37	23.39	23.42	23.40		
20	QPSK	100	0	23.42	23.48	23.56	23.44	23.55		
20	16QAM	1	0	23.38	23.52	23.51	23.45	23.54	24.5	1
20	16QAM	1	49	23.31	23.41	23.53	23.33	23.55		
20	16QAM	1	99	23.38	23.41	23.38	23.32	23.43		
20	16QAM	50	0	22.41	22.48	22.53	22.54	22.49	23.5	2
20	16QAM	50	24	22.33	22.31	22.51	22.37	22.47		
20	16QAM	50	50	22.27	22.34	22.36	22.40	22.42		
20	16QAM	100	0	22.46	22.47	22.53	22.46	22.54		
20	64QAM	1	0	22.35	22.54	22.52	22.51	22.57	23.5	2
20	64QAM	1	49	22.33	22.36	22.50	22.32	22.60		
20	64QAM	1	99	22.34	22.47	22.42	22.30	22.44		
20	64QAM	50	0	21.39	21.42	21.58	21.54	21.49	22.5	3
20	64QAM	50	24	21.28	21.36	21.57	21.43	21.51		
20	64QAM	50	50	21.27	21.36	21.38	21.39	21.39		
20	64QAM	100	0	21.44	21.43	21.52	21.50	21.59		
20	256QAM	1	0	19.43	19.50	19.56	19.52	19.53	20.5	5
20	256QAM	1	49	19.31	19.35	19.50	19.39	19.56		
20	256QAM	1	99	19.33	19.41	19.33	19.40	19.43		
20	256QAM	50	0	19.37	19.50	19.59	19.39	19.61	20.5	5
20	256QAM	50	24	19.38	19.55	19.49	19.45	19.60		
20	256QAM	50	50	19.35	19.35	19.53	19.28	19.50		
20	256QAM	100	0	19.34	19.45	19.37	19.37	19.41		
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	24.38	24.45	24.48	24.35	24.41	25.5	0
15	QPSK	1	37	24.27	24.26	24.34	24.35	24.40		
15	QPSK	1	74	24.30	24.35	24.39	24.27	24.40		
15	QPSK	36	0	23.38	23.40	23.53	23.37	23.52	24.5	1
15	QPSK	36	20	23.23	23.26	23.48	23.41	23.45		
15	QPSK	36	39	23.22	23.31	23.29	23.33	23.28		
15	QPSK	75	0	23.28	23.34	23.54	23.34	23.41		
15	16QAM	1	0	23.27	23.40	23.49	23.43	23.50	24.5	1
15	16QAM	1	37	23.28	23.30	23.50	23.31	23.46		
15	16QAM	1	74	23.25	23.29	23.25	23.25	23.30		
15	16QAM	36	0	22.36	22.39	22.39	22.49	22.39	23.5	2
15	16QAM	36	20	22.28	22.28	22.46	22.28	22.34		
15	16QAM	36	39	22.15	22.24	22.27	22.29	22.37		
15	16QAM	75	0	22.41	22.39	22.50	22.44	22.42		
15	64QAM	1	0	22.32	22.52	22.40	22.49	22.44	23.5	2
15	64QAM	1	37	22.29	22.30	22.38	22.25	22.54		
15	64QAM	1	74	22.29	22.35	22.38	22.18	22.33		
15	64QAM	36	0	21.33	21.30	21.46	21.46	21.46	22.5	3
15	64QAM	36	20	21.19	21.31	21.43	21.39	21.45		
15	64QAM	36	39	21.24	21.30	21.35	21.37	21.36		
15	64QAM	75	0	21.39	21.34	21.39	21.38	21.51		
15	256QAM	1	0	19.36	19.47	19.47	19.44	19.46	20.5	5
15	256QAM	1	37	19.19	19.21	19.39	19.27	19.45		
15	256QAM	1	74	19.27	19.37	19.22	19.30	19.29		
15	256QAM	36	0	19.35	19.40	19.51	19.31	19.53	20.5	5
15	256QAM	36	20	19.35	19.53	19.45	19.34	19.55		
15	256QAM	36	39	19.23	19.27	19.41	19.21	19.40		
15	256QAM	75	0	19.25	19.39	19.33	19.33	19.30		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.34	24.44	24.44	24.42	24.49	25.5	0
10	QPSK	1	25	24.25	24.36	24.41	24.27	24.46		
10	QPSK	1	49	24.29	24.32	24.37	24.33	24.30		
10	QPSK	25	0	23.35	23.39	23.44	23.47	23.40	24.5	1
10	QPSK	25	12	23.19	23.34	23.46	23.34	23.40		
10	QPSK	25	25	23.30	23.26	23.30	23.38	23.29		
10	QPSK	50	0	23.38	23.44	23.47	23.31	23.48		
10	16QAM	1	0	23.28	23.38	23.46	23.39	23.51	24.5	1
10	16QAM	1	25	23.19	23.28	23.46	23.23	23.51		
10	16QAM	1	49	23.30	23.39	23.27	23.23	23.39		
10	16QAM	25	0	22.28	22.36	22.42	22.47	22.38	23.5	2
10	16QAM	25	12	22.21	22.23	22.39	22.28	22.39		
10	16QAM	25	25	22.18	22.30	22.27	22.31	22.35		
10	16QAM	50	0	22.34	22.44	22.42	22.36	22.45		
10	64QAM	1	0	22.31	22.44	22.44	22.45	22.53	23.5	2
10	64QAM	1	25	22.21	22.30	22.39	22.24	22.51		
10	64QAM	1	49	22.28	22.33	22.33	22.27	22.42		
10	64QAM	25	0	21.34	21.36	21.52	21.40	21.45	22.5	3
10	64QAM	25	12	21.16	21.29	21.45	21.38	21.47		
10	64QAM	25	25	21.22	21.27	21.30	21.29	21.36		
10	64QAM	50	0	21.40	21.39	21.46	21.40	21.53		
10	256QAM	1	0	19.30	19.45	19.50	19.44	19.41	20.5	5
10	256QAM	1	25	19.20	19.31	19.37	19.28	19.43		
10	256QAM	1	49	19.22	19.35	19.25	19.27	19.35		
10	256QAM	25	0	19.28	19.44	19.51	19.29	19.51	20.5	5
10	256QAM	25	12	19.32	19.45	19.42	19.43	19.54		
10	256QAM	25	25	19.28	19.27	19.40	19.24	19.46		
10	256QAM	50	0	19.31	19.31	19.30	19.30	19.29		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.38	24.44	24.53	24.36	24.47	25.5	0
5	QPSK	1	12	24.18	24.31	24.41	24.34	24.49		
5	QPSK	1	24	24.22	24.29	24.30	24.30	24.36		
5	QPSK	12	0	23.30	23.33	23.47	23.36	23.41	24.5	1
5	QPSK	12	7	23.23	23.24	23.43	23.36	23.44		
5	QPSK	12	13	23.20	23.23	23.30	23.28	23.27		
5	QPSK	25	0	23.31	23.42	23.53	23.33	23.46		
5	16QAM	1	0	23.25	23.46	23.41	23.39	23.49	24.5	1
5	16QAM	1	12	23.18	23.35	23.39	23.20	23.45		
5	16QAM	1	24	23.27	23.38	23.35	23.18	23.31		
5	16QAM	12	0	22.27	22.43	22.47	22.44	22.40	23.5	2
5	16QAM	12	7	22.21	22.18	22.46	22.23	22.35		
5	16QAM	12	13	22.21	22.31	22.24	22.35	22.35		
5	16QAM	25	0	22.41	22.43	22.41	22.32	22.48		
5	64QAM	1	0	22.21	22.42	22.47	22.39	22.50	23.5	2
5	64QAM	1	12	22.26	22.31	22.46	22.29	22.53		
5	64QAM	1	24	22.22	22.43	22.39	22.23	22.38		
5	64QAM	12	0	21.27	21.35	21.50	21.40	21.46	22.5	3
5	64QAM	12	7	21.18	21.23	21.45	21.30	21.38		
5	64QAM	12	13	21.18	21.28	21.33	21.36	21.35		
5	64QAM	25	0	21.40	21.32	21.50	21.40	21.46		
5	256QAM	1	0	19.35	19.39	19.53	19.43	19.42	20.5	5
5	256QAM	1	12	19.18	19.32	19.38	19.32	19.51		
5	256QAM	1	24	19.27	19.37	19.30	19.34	19.38		
5	256QAM	12	0	19.34	19.39	19.47	19.30	19.47	20.5	5
5	256QAM	12	7	19.28	19.50	19.45	19.32	19.49		
5	256QAM	12	13	19.31	19.28	19.47	19.17	19.40		
5	256QAM	25	0	19.21	19.33	19.29	19.31	19.37		

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BW [MHz]	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	18.66	18.69	18.65	20.2	0
20	QPSK	1	49	18.70	18.71	18.68		
20	QPSK	1	99	18.61	18.70	18.65		
20	QPSK	50	0	18.53	18.66	18.63	20.2	0
20	QPSK	50	24	18.65	18.65	18.63		
20	QPSK	50	50	18.53	18.67	18.62		
20	QPSK	100	0	18.59	18.63	18.56		
20	16QAM	1	0	18.61	18.63	18.54	20.2	0
20	16QAM	1	49	18.66	18.58	18.54		
20	16QAM	1	99	18.53	18.57	18.56		
20	16QAM	50	0	18.58	18.56	18.62	20.2	0
20	16QAM	50	24	18.65	18.60	18.63		
20	16QAM	50	50	18.54	18.57	18.55		
20	16QAM	100	0	18.49	18.56	18.54		
20	64QAM	1	0	18.53	18.55	18.51	20.2	0
20	64QAM	1	49	18.42	18.64	18.55		
20	64QAM	1	99	18.50	18.53	18.44		
20	64QAM	50	0	18.56	18.57	18.58	20.2	0
20	64QAM	50	24	18.64	18.61	18.65		
20	64QAM	50	50	18.47	18.66	18.62		
20	64QAM	100	0	18.44	18.56	18.54		
20	256QAM	1	0	18.51	18.64	18.58	20.2	0
20	256QAM	1	49	18.53	18.54	18.57		
20	256QAM	1	99	18.55	18.58	18.60		
20	256QAM	50	0	18.52	18.59	18.53	20.2	0
20	256QAM	50	24	18.53	18.63	18.56		
20	256QAM	50	50	18.59	18.57	18.53		
20	256QAM	100	0	18.57	18.53	18.50		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.51	18.63	18.59	20.2	0
15	QPSK	1	37	18.57	18.54	18.52		
15	QPSK	1	74	18.59	18.60	18.52		
15	QPSK	36	0	18.61	18.65	18.60	20.2	0
15	QPSK	36	20	18.55	18.58	18.50		
15	QPSK	36	39	18.56	18.56	18.51		
15	QPSK	75	0	18.57	18.62	18.58		
15	16QAM	1	0	18.52	18.60	18.51	20.2	0
15	16QAM	1	37	18.51	18.56	18.50		
15	16QAM	1	74	18.50	18.57	18.58		
15	16QAM	36	0	18.58	18.60	18.51	20.2	0
15	16QAM	36	20	18.56	18.65	18.50		
15	16QAM	36	39	18.51	18.64	18.50		
15	16QAM	75	0	18.57	18.58	18.53		
15	64QAM	1	0	18.59	18.55	18.50	20.2	0
15	64QAM	1	37	18.59	18.55	18.53		
15	64QAM	1	74	18.51	18.60	18.54		
15	64QAM	36	0	18.55	18.55	18.59	20.2	0
15	64QAM	36	20	18.55	18.54	18.56		
15	64QAM	36	39	18.54	18.64	18.59		
15	64QAM	75	0	18.62	18.58	18.59		
15	256QAM	1	0	18.57	18.57	18.51	20.2	0
15	256QAM	1	37	18.51	18.59	18.56		
15	256QAM	1	74	18.57	18.61	18.56		
15	256QAM	36	0	18.57	18.57	18.61	20.2	0
15	256QAM	36	20	18.61	18.60	18.56		
15	256QAM	36	39	18.61	18.61	18.59		
15	256QAM	75	0	18.60	18.61	18.59		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.58	18.61	18.57	20.2	0
10	QPSK	1	25	18.51	18.64	18.52		
10	QPSK	1	49	18.51	18.55	18.59		
10	QPSK	25	0	18.58	18.55	18.49	20.2	0
10	QPSK	25	12	18.57	18.54	18.53		
10	QPSK	25	25	18.52	18.62	18.53		
10	QPSK	50	0	18.50	18.63	18.55		
10	16QAM	1	0	18.54	18.63	18.58	20.2	0
10	16QAM	1	25	18.53	18.57	18.57		
10	16QAM	1	49	18.58	18.58	18.56		
10	16QAM	25	0	18.55	18.65	18.54	20.2	0
10	16QAM	25	12	18.55	18.55	18.52		
10	16QAM	25	25	18.55	18.59	18.51		
10	16QAM	50	0	18.57	18.54	18.59		
10	64QAM	1	0	18.51	18.56	18.60	20.2	0
10	64QAM	1	25	18.51	18.64	18.59		
10	64QAM	1	49	18.50	18.61	18.50		
10	64QAM	25	0	18.54	18.63	18.61	20.2	0
10	64QAM	25	12	18.59	18.61	18.53		
10	64QAM	25	25	18.57	18.64	18.57		
10	64QAM	50	0	18.57	18.54	18.50		
10	256QAM	1	0	18.58	18.55	18.61	20.2	0
10	256QAM	1	25	18.53	18.57	18.50		
10	256QAM	1	49	18.61	18.60	18.54		
10	256QAM	25	0	18.52	18.56	18.58	20.2	0
10	256QAM	25	12	18.60	18.62	18.52		
10	256QAM	25	25	18.61	18.58	18.57		
10	256QAM	50	0	18.56	18.59	18.54		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.62	18.59	18.54	20.2	0
5	QPSK	1	12	18.58	18.57	18.52		
5	QPSK	1	24	18.54	18.65	18.58		
5	QPSK	12	0	18.53	18.63	18.55	20.2	0
5	QPSK	12	7	18.52	18.56	18.56		
5	QPSK	12	13	18.52	18.55	18.55		
5	QPSK	25	0	18.55	18.61	18.55		
5	16QAM	1	0	18.56	18.65	18.55	20.2	0
5	16QAM	1	12	18.50	18.60	18.58		
5	16QAM	1	24	18.61	18.56	18.53		
5	16QAM	12	0	18.53	18.59	18.61	20.2	0
5	16QAM	12	7	18.52	18.62	18.54		
5	16QAM	12	13	18.50	18.54	18.52		
5	16QAM	25	0	18.59	18.56	18.53		
5	64QAM	1	0	18.59	18.61	18.59	20.2	0
5	64QAM	1	12	18.60	18.59	18.60		
5	64QAM	1	24	18.61	18.58	18.54		
5	64QAM	12	0	18.57	18.57	18.61	20.2	0
5	64QAM	12	7	18.56	18.63	18.61		
5	64QAM	12	13	18.52	18.62	18.56		
5	64QAM	25	0	18.57	18.55	18.57		
5	256QAM	1	0	18.59	18.58	18.57	20.2	0
5	256QAM	1	12	18.60	18.63	18.54		
5	256QAM	1	24	18.62	18.63	18.49		
5	256QAM	12	0	18.61	18.57	18.50	20.2	0
5	256QAM	12	7	18.59	18.58	18.54		
5	256QAM	12	13	18.54	18.59	18.52		
5	256QAM	25	0	18.54	18.60	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	18.86	19.07	19.08	19.02	18.98	20.7	0
20	QPSK	1	49	18.79	18.94	18.98	18.79	18.92		
20	QPSK	1	99	18.81	18.85	18.93	18.82	18.98		
20	QPSK	50	0	18.75	18.98	19.05	18.90	18.91	20.7	0
20	QPSK	50	24	18.70	18.88	18.88	18.75	18.85		
20	QPSK	50	50	18.67	18.81	18.90	18.71	18.94		
20	QPSK	100	0	18.80	19.02	19.03	18.92	18.88		
20	16QAM	1	0	18.82	19.05	19.01	18.97	18.96	20.7	0
20	16QAM	1	49	18.76	18.89	18.87	18.69	18.87		
20	16QAM	1	99	18.76	18.74	18.84	18.73	18.93		
20	16QAM	50	0	18.63	18.86	18.99	18.82	18.88	20.7	0
20	16QAM	50	24	18.66	18.76	18.79	18.72	18.80		
20	16QAM	50	50	18.56	18.73	18.77	18.58	18.90		
20	16QAM	100	0	18.68	18.94	18.96	18.81	18.81		
20	64QAM	1	0	18.75	18.95	18.94	18.86	18.93	20.7	0
20	64QAM	1	49	18.71	18.87	18.76	18.55	18.79		
20	64QAM	1	99	18.63	18.65	18.75	18.61	18.80		
20	64QAM	50	0	18.69	18.95	19.01	18.85	18.85	20.7	0
20	64QAM	50	24	18.63	18.74	18.74	18.64	18.81		
20	64QAM	50	50	18.55	18.72	18.78	18.61	18.90		
20	64QAM	100	0	18.71	18.91	18.96	18.83	18.77		
20	256QAM	1	0	18.76	18.97	18.98	18.92	18.88	20.7	0
20	256QAM	1	49	18.76	18.97	18.98	18.92	18.88		
20	256QAM	1	99	18.76	18.97	18.98	18.92	18.88		
20	256QAM	50	0	18.76	18.97	18.98	18.92	18.88	20.7	0
20	256QAM	50	24	18.76	18.97	18.98	18.92	18.88		
20	256QAM	50	50	18.76	18.97	18.98	18.92	18.88		
20	256QAM	100	0	18.76	18.97	18.98	18.92	18.88		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.81	19.00	18.97	18.94	18.87	20.70	0
15	QPSK	1	37	18.68	18.89	18.88	18.69	18.86		
15	QPSK	1	74	18.74	18.78	18.86	18.71	18.90		
15	QPSK	36	0	18.68	18.83	18.90	18.83	18.83	20.7	0
15	QPSK	36	20	18.62	18.77	18.79	18.63	18.73		
15	QPSK	36	39	18.59	18.70	18.83	18.62	18.89		
15	QPSK	75	0	18.68	18.94	18.97	18.82	18.76		
15	16QAM	1	0	18.72	18.97	18.93	18.90	18.88	20.7	0
15	16QAM	1	37	18.65	18.77	18.73	18.64	18.81		
15	16QAM	1	74	18.69	18.65	18.69	18.68	18.86		
15	16QAM	36	0	18.54	18.79	18.93	18.74	18.75	20.7	0
15	16QAM	36	20	18.57	18.63	18.67	18.65	18.67		
15	16QAM	36	39	18.51	18.65	18.68	18.45	18.77		
15	16QAM	75	0	18.52	18.79	18.89	18.70	18.67		
15	64QAM	1	0	18.65	18.85	18.85	18.75	18.85	20.7	0
15	64QAM	1	37	18.61	18.73	18.66	18.47	18.71		
15	64QAM	1	74	18.51	18.58	18.59	18.49	18.67		
15	64QAM	36	0	18.55	18.79	18.93	18.71	18.80	20.7	0
15	64QAM	36	20	18.52	18.64	18.64	18.57	18.71		
15	64QAM	36	39	18.46	18.56	18.63	18.46	18.81		
15	64QAM	75	0	18.67	18.85	18.90	18.69	18.72		
15	256QAM	1	0	18.63	18.86	18.88	18.80	18.80	20.7	0
15	256QAM	1	37	18.69	18.87	18.84	18.77	18.83		
15	256QAM	1	74	18.61	18.82	18.88	18.85	18.73		
15	256QAM	36	0	18.66	18.82	18.91	18.77	18.74	20.7	0
15	256QAM	36	20	18.63	18.87	18.93	18.81	18.81		
15	256QAM	36	39	18.60	18.82	18.82	18.76	18.78		
15	256QAM	75	0	18.71	18.84	18.87	18.79	18.76		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.70	18.91	18.92	18.94	18.88	20.70	0
10	QPSK	1	25	18.66	18.88	18.82	18.73	18.84		
10	QPSK	1	49	18.65	18.74	18.86	18.73	18.87		
10	QPSK	25	0	18.60	18.85	18.89	18.85	18.86	20.7	0
10	QPSK	25	12	18.58	18.74	18.83	18.68	18.71		
10	QPSK	25	25	18.59	18.67	18.80	18.61	18.81		
10	QPSK	50	0	18.71	18.98	18.95	18.83	18.84		
10	16QAM	1	0	18.72	18.90	18.87	18.90	18.83	20.7	0
10	16QAM	1	25	18.70	18.76	18.81	18.54	18.73		
10	16QAM	1	49	18.61	18.68	18.79	18.68	18.83		
10	16QAM	25	0	18.50	18.78	18.85	18.76	18.73	20.7	0
10	16QAM	25	12	18.56	18.61	18.67	18.66	18.68		
10	16QAM	25	25	18.46	18.65	18.70	18.46	18.75		
10	16QAM	50	0	18.57	18.83	18.82	18.73	18.75		
10	64QAM	1	0	18.61	18.84	18.88	18.76	18.81	20.7	0
10	64QAM	1	25	18.65	18.71	18.70	18.39	18.69		
10	64QAM	1	49	18.57	18.55	18.64	18.49	18.71		
10	64QAM	25	0	18.64	18.84	18.87	18.74	18.70	20.7	0
10	64QAM	25	12	18.49	18.67	18.60	18.54	18.66		
10	64QAM	25	25	18.45	18.57	18.71	18.47	18.84		
10	64QAM	50	0	18.64	18.78	18.87	18.68	18.66		
10	256QAM	1	0	18.67	18.85	18.82	18.78	18.80	20.7	0
10	256QAM	1	25	18.71	18.84	18.91	18.84	18.77		
10	256QAM	1	49	18.70	18.85	18.85	18.78	18.78		
10	256QAM	25	0	18.65	18.90	18.88	18.77	18.82	20.7	0
10	256QAM	25	12	18.69	18.85	18.88	18.82	18.74		
10	256QAM	25	25	18.70	18.82	18.92	18.76	18.76		
10	256QAM	50	0	18.61	18.82	18.82	18.82	18.77		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.75	18.94	19.04	18.97	18.88	20.70	0
5	QPSK	1	12	18.74	18.81	18.86	18.68	18.78		
5	QPSK	1	24	18.75	18.76	18.86	18.71	18.91		
5	QPSK	12	0	18.70	18.89	18.93	18.82	18.81	20.7	0
5	QPSK	12	7	18.58	18.78	18.74	18.69	18.80		
5	QPSK	12	13	18.60	18.76	18.81	18.60	18.81		
5	QPSK	25	0	18.73	18.87	18.88	18.79	18.73		
5	16QAM	1	0	18.77	18.97	18.92	18.92	18.88	20.7	0
5	16QAM	1	12	18.63	18.77	18.81	18.63	18.81		
5	16QAM	1	24	18.61	18.60	18.80	18.67	18.77		
5	16QAM	12	0	18.50	18.80	18.85	18.75	18.78	20.7	0
5	16QAM	12	7	18.55	18.67	18.66	18.58	18.65		
5	16QAM	12	13	18.44	18.68	18.61	18.47	18.76		
5	16QAM	25	0	18.54	18.81	18.82	18.77	18.67		
5	64QAM	1	0	18.60	18.81	18.84	18.81	18.82	20.7	0
5	64QAM	1	12	18.65	18.81	18.63	18.40	18.67		
5	64QAM	1	24	18.47	18.50	18.60	18.48	18.76		
5	64QAM	12	0	18.56	18.83	18.89	18.73	18.76	20.7	0
5	64QAM	12	7	18.58	18.68	18.66	18.48	18.76		
5	64QAM	12	13	18.50	18.68	18.72	18.55	18.79		
5	64QAM	25	0	18.61	18.77	18.84	18.77	18.62		
5	256QAM	1	0	18.70	18.88	18.86	18.80	18.77	20.7	0
5	256QAM	1	12	18.65	18.91	18.90	18.84	18.75		
5	256QAM	1	24	18.70	18.83	18.90	18.88	18.77		
5	256QAM	12	0	18.67	18.90	18.85	18.85	18.76	20.7	0
5	256QAM	12	7	18.68	18.90	18.84	18.80	18.82		
5	256QAM	12	13	18.63	18.92	18.83	18.83	18.84		
5	256QAM	25	0	18.69	18.81	18.91	18.82	18.79		

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BW [MHz]	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	18.74	18.95	18.90	19.7	0
20	QPSK	1	49	18.78	18.86	18.80		
20	QPSK	1	99	18.82	18.75	18.73		
20	QPSK	50	0	18.62	18.92	18.75	19.7	0
20	QPSK	50	24	18.71	18.81	18.69		
20	QPSK	50	50	18.75	18.75	18.73		
20	QPSK	100	0	18.63	18.89	18.82		
20	16QAM	1	0	18.62	18.78	18.70	19.7	0
20	16QAM	1	49	18.68	18.77	18.61		
20	16QAM	1	99	18.69	18.78	18.71		
20	16QAM	50	0	18.57	18.75	18.68	19.7	0
20	16QAM	50	24	18.56	18.81	18.59		
20	16QAM	50	50	18.60	18.64	18.57		
20	16QAM	100	0	18.51	18.85	18.61		
20	64QAM	1	0	18.57	18.58	18.70	19.7	0
20	64QAM	1	49	18.51	18.66	18.62		
20	64QAM	1	99	18.58	18.53	18.54		
20	64QAM	50	0	18.51	18.76	18.69	19.7	0
20	64QAM	50	24	18.66	18.80	18.64		
20	64QAM	50	50	18.73	18.60	18.68		
20	64QAM	100	0	18.60	18.74	18.69		
20	256QAM	1	0	18.53	18.75	18.75	19.7	0
20	256QAM	1	49	18.56	18.64	18.64		
20	256QAM	1	99	18.77	18.54	18.57		
20	256QAM	50	0	18.63	18.80	18.78	19.7	0
20	256QAM	50	24	18.58	18.78	18.64		
20	256QAM	50	50	18.61	18.78	18.58		
20	256QAM	100	0	18.63	18.63	18.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.61	18.82	18.79	19.7	0
15	QPSK	1	37	18.63	18.80	18.76		
15	QPSK	1	74	18.74	18.64	18.63		
15	QPSK	36	0	18.53	18.84	18.66	19.7	0
15	QPSK	36	20	18.63	18.66	18.54		
15	QPSK	36	39	18.60	18.60	18.66		
15	QPSK	75	0	18.53	18.84	18.76		
15	16QAM	1	0	18.57	18.70	18.55	19.7	0
15	16QAM	1	37	18.60	18.72	18.54		
15	16QAM	1	74	18.53	18.70	18.66		
15	16QAM	36	0	18.44	18.71	18.61	19.7	0
15	16QAM	36	20	18.50	18.70	18.45		
15	16QAM	36	39	18.50	18.49	18.52		
15	16QAM	75	0	18.39	18.78	18.56		
15	64QAM	1	0	18.42	18.45	18.63	19.7	0
15	64QAM	1	37	18.40	18.57	18.56		
15	64QAM	1	74	18.50	18.41	18.38		
15	64QAM	36	0	18.42	18.70	18.56	19.7	0
15	64QAM	36	20	18.55	18.67	18.60		
15	64QAM	36	39	18.64	18.46	18.64		
15	64QAM	75	0	18.47	18.60	18.55		
15	256QAM	1	0	18.45	18.60	18.71	19.7	0
15	256QAM	1	37	18.50	18.55	18.50		
15	256QAM	1	74	18.65	18.43	18.48		
15	256QAM	36	0	18.54	18.66	18.66	19.7	0
15	256QAM	36	20	18.43	18.67	18.53		
15	256QAM	36	39	18.55	18.74	18.53		
15	256QAM	75	0	18.56	18.58	18.43		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.63	18.90	18.76	19.7	0
10	QPSK	1	25	18.74	18.71	18.71		
10	QPSK	1	49	18.76	18.65	18.61		
10	QPSK	25	0	18.53	18.84	18.71	19.7	0
10	QPSK	25	12	18.58	18.71	18.55		
10	QPSK	25	25	18.61	18.66	18.62		
10	QPSK	50	0	18.47	18.85	18.73		
10	16QAM	1	0	18.55	18.67	18.61	19.7	0
10	16QAM	1	25	18.62	18.64	18.46		
10	16QAM	1	49	18.55	18.68	18.61		
10	16QAM	25	0	18.42	18.69	18.62	19.7	0
10	16QAM	25	12	18.41	18.65	18.54		
10	16QAM	25	25	18.54	18.48	18.57		
10	16QAM	50	0	18.44	18.73	18.53		
10	64QAM	1	0	18.42	18.50	18.60	19.7	0
10	64QAM	1	25	18.40	18.51	18.57		
10	64QAM	1	49	18.50	18.46	18.48		
10	64QAM	25	0	18.46	18.68	18.54	19.7	0
10	64QAM	25	12	18.60	18.75	18.59		
10	64QAM	25	25	18.60	18.49	18.54		
10	64QAM	50	0	18.51	18.58	18.56		
10	256QAM	1	0	18.39	18.60	18.61	19.7	0
10	256QAM	1	25	18.46	18.52	18.53		
10	256QAM	1	49	18.67	18.40	18.44		
10	256QAM	25	0	18.51	18.66	18.63	19.7	0
10	256QAM	25	12	18.54	18.71	18.55		
10	256QAM	25	25	18.45	18.72	18.53		
10	256QAM	50	0	18.56	18.59	18.51		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.60	18.83	18.80	19.7	0
5	QPSK	1	12	18.70	18.79	18.72		
5	QPSK	1	24	18.78	18.59	18.69		
5	QPSK	12	0	18.53	18.79	18.61	19.7	0
5	QPSK	12	7	18.57	18.70	18.63		
5	QPSK	12	13	18.65	18.61	18.61		
5	QPSK	25	0	18.49	18.75	18.72		
5	16QAM	1	0	18.54	18.64	18.57	19.7	0
5	16QAM	1	12	18.56	18.71	18.45		
5	16QAM	1	24	18.60	18.71	18.63		
5	16QAM	12	0	18.43	18.68	18.53	19.7	0
5	16QAM	12	7	18.50	18.75	18.50		
5	16QAM	12	13	18.48	18.54	18.52		
5	16QAM	25	0	18.36	18.78	18.50		
5	64QAM	1	0	18.44	18.45	18.63	19.7	0
5	64QAM	1	12	18.38	18.57	18.57		
5	64QAM	1	24	18.53	18.44	18.42		
5	64QAM	12	0	18.35	18.68	18.55	19.7	0
5	64QAM	12	7	18.57	18.72	18.53		
5	64QAM	12	13	18.60	18.47	18.54		
5	64QAM	25	0	18.47	18.70	18.57		
5	256QAM	1	0	18.38	18.65	18.65	19.7	0
5	256QAM	1	12	18.42	18.50	18.51		
5	256QAM	1	24	18.71	18.40	18.48		
5	256QAM	12	0	18.49	18.72	18.68	19.7	0
5	256QAM	12	7	18.47	18.68	18.53		
5	256QAM	12	13	18.52	18.67	18.49		
5	256QAM	25	0	18.58	18.50	18.49		

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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	18.75	18.78	18.87	18.69	18.77	19.7	0
20	QPSK	1	49	18.68	18.70	18.77	18.71	18.67		
20	QPSK	1	99	18.75	18.74	18.72	18.69	18.61		
20	QPSK	50	0	18.71	18.70	18.76	18.69	18.61	19.7	0
20	QPSK	50	24	18.65	18.61	18.74	18.66	18.63		
20	QPSK	50	50	18.73	18.66	18.79	18.52	18.54		
20	QPSK	100	0	18.66	18.68	18.80	18.64	18.66		
20	16QAM	1	0	18.60	18.71	18.79	18.56	18.69	19.7	0
20	16QAM	1	49	18.63	18.72	18.77	18.72	18.55		
20	16QAM	1	99	18.64	18.61	18.78	18.64	18.49		
20	16QAM	50	0	18.54	18.59	18.72	18.59	18.55	19.7	0
20	16QAM	50	24	18.55	18.56	18.63	18.62	18.49		
20	16QAM	50	50	18.70	18.61	18.62	18.46	18.52		
20	16QAM	100	0	18.61	18.67	18.75	18.61	18.66		
20	64QAM	1	0	18.57	18.68	18.77	18.51	18.58	19.7	0
20	64QAM	1	49	18.46	18.64	18.52	18.59	18.56		
20	64QAM	1	99	18.66	18.58	18.60	18.58	18.44		
20	64QAM	50	0	18.68	18.61	18.72	18.58	18.57	19.7	0
20	64QAM	50	24	18.63	18.50	18.66	18.55	18.45		
20	64QAM	50	50	18.70	18.49	18.72	18.55	18.50		
20	64QAM	100	0	18.65	18.61	18.74	18.51	18.63		
20	256QAM	1	0	18.65	18.54	18.61	18.55	18.63	19.7	0
20	256QAM	1	49	18.60	18.51	18.58	18.67	18.52		
20	256QAM	1	99	18.65	18.60	18.71	18.54	18.54		
20	256QAM	50	0	18.59	18.63	18.74	18.57	18.55	19.7	0
20	256QAM	50	24	18.50	18.71	18.73	18.50	18.55		
20	256QAM	50	50	18.50	18.53	18.62	18.56	18.50		
20	256QAM	100	0	18.62	18.50	18.66	18.46	18.40		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.61	18.69	18.73	18.54	18.73	19.70	0
15	QPSK	1	37	18.54	18.55	18.71	18.59	18.60		
15	QPSK	1	74	18.60	18.62	18.62	18.63	18.57		
15	QPSK	36	0	18.65	18.56	18.62	18.62	18.53	19.7	0
15	QPSK	36	20	18.50	18.56	18.63	18.51	18.54		
15	QPSK	36	39	18.60	18.51	18.71	18.47	18.47		
15	QPSK	75	0	18.52	18.61	18.70	18.59	18.51		
15	16QAM	1	0	18.47	18.55	18.70	18.42	18.59	19.7	0
15	16QAM	1	37	18.54	18.61	18.70	18.56	18.44		
15	16QAM	1	74	18.57	18.51	18.73	18.56	18.42		
15	16QAM	36	0	18.50	18.51	18.56	18.47	18.40	19.7	0
15	16QAM	36	20	18.48	18.45	18.55	18.49	18.44		
15	16QAM	36	39	18.62	18.48	18.55	18.38	18.47		
15	16QAM	75	0	18.54	18.54	18.70	18.48	18.54		
15	64QAM	1	0	18.48	18.56	18.70	18.45	18.43	19.7	0
15	64QAM	1	37	18.41	18.59	18.37	18.51	18.44		
15	64QAM	1	74	18.58	18.49	18.48	18.54	18.36		
15	64QAM	36	0	18.61	18.52	18.56	18.49	18.50	19.7	0
15	64QAM	36	20	18.53	18.36	18.53	18.47	18.36		
15	64QAM	36	39	18.55	18.41	18.66	18.44	18.41		
15	64QAM	75	0	18.51	18.55	18.67	18.36	18.48		
15	256QAM	1	0	18.60	18.41	18.46	18.42	18.57	19.7	0
15	256QAM	1	37	18.47	18.38	18.42	18.57	18.48		
15	256QAM	1	74	18.57	18.45	18.60	18.44	18.39		
15	256QAM	36	0	18.45	18.56	18.58	18.42	18.42	19.7	0
15	256QAM	36	20	18.38	18.56	18.63	18.40	18.39		
15	256QAM	36	39	18.34	18.44	18.50	18.46	18.42		
15	256QAM	75	0	18.57	18.45	18.62	18.30	18.30		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.60	18.65	18.75	18.64	18.66	19.70	0
10	QPSK	1	25	18.62	18.63	18.65	18.61	18.63		
10	QPSK	1	49	18.61	18.59	18.63	18.60	18.51		
10	QPSK	25	0	18.56	18.55	18.67	18.56	18.56	19.7	0
10	QPSK	25	12	18.60	18.45	18.67	18.61	18.50		
10	QPSK	25	25	18.63	18.56	18.73	18.45	18.48		
10	QPSK	50	0	18.54	18.53	18.71	18.57	18.58		
10	16QAM	1	0	18.56	18.58	18.73	18.42	18.56	19.7	0
10	16QAM	1	25	18.48	18.67	18.72	18.63	18.48		
10	16QAM	1	49	18.56	18.51	18.64	18.60	18.35		
10	16QAM	25	0	18.46	18.50	18.59	18.52	18.43	19.7	0
10	16QAM	25	12	18.44	18.50	18.54	18.49	18.39		
10	16QAM	25	25	18.56	18.47	18.53	18.39	18.40		
10	16QAM	50	0	18.48	18.58	18.60	18.47	18.62		
10	64QAM	1	0	18.44	18.58	18.70	18.43	18.49	19.7	0
10	64QAM	1	25	18.41	18.51	18.40	18.52	18.44		
10	64QAM	1	49	18.54	18.53	18.45	18.44	18.32		
10	64QAM	25	0	18.63	18.52	18.63	18.53	18.46	19.7	0
10	64QAM	25	12	18.55	18.44	18.61	18.45	18.40		
10	64QAM	25	25	18.60	18.40	18.60	18.47	18.35		
10	64QAM	50	0	18.60	18.52	18.59	18.38	18.56		
10	256QAM	1	0	18.52	18.47	18.52	18.47	18.56	19.7	0
10	256QAM	1	25	18.52	18.41	18.46	18.58	18.43		
10	256QAM	1	49	18.55	18.47	18.61	18.50	18.49		
10	256QAM	25	0	18.53	18.53	18.59	18.46	18.44	19.7	0
10	256QAM	25	12	18.41	18.62	18.68	18.38	18.47		
10	256QAM	25	25	18.39	18.44	18.56	18.49	18.43		
10	256QAM	50	0	18.57	18.46	18.57	18.35	18.32		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.62	18.64	18.80	18.53	18.70	19.70	0
5	QPSK	1	12	18.58	18.55	18.73	18.58	18.63		
5	QPSK	1	24	18.64	18.68	18.68	18.54	18.50		
5	QPSK	12	0	18.58	18.59	18.63	18.58	18.45	19.7	0
5	QPSK	12	7	18.53	18.50	18.68	18.62	18.55		
5	QPSK	12	13	18.68	18.56	18.75	18.37	18.39		
5	QPSK	25	0	18.60	18.57	18.71	18.55	18.54		
5	16QAM	1	0	18.46	18.60	18.66	18.50	18.63	19.7	0
5	16QAM	1	12	18.57	18.66	18.62	18.65	18.41		
5	16QAM	1	24	18.51	18.47	18.67	18.59	18.42		
5	16QAM	12	0	18.49	18.48	18.59	18.53	18.50	19.7	0
5	16QAM	12	7	18.43	18.46	18.57	18.51	18.37		
5	16QAM	12	13	18.56	18.46	18.50	18.30	18.36		
5	16QAM	25	0	18.53	18.58	18.62	18.57	18.58		
5	64QAM	1	0	18.46	18.62	18.68	18.36	18.47	19.7	0
5	64QAM	1	12	18.33	18.53	18.37	18.43	18.43		
5	64QAM	1	24	18.59	18.53	18.44	18.46	18.30		
5	64QAM	12	0	18.64	18.57	18.62	18.51	18.48	19.7	0
5	64QAM	12	7	18.48	18.39	18.57	18.50	18.32		
5	64QAM	12	13	18.59	18.44	18.65	18.46	18.40		
5	64QAM	25	0	18.59	18.51	18.68	18.43	18.53		
5	256QAM	1	0	18.60	18.40	18.53	18.40	18.58	19.7	0
5	256QAM	1	12	18.47	18.37	18.48	18.63	18.39		
5	256QAM	1	24	18.52	18.50	18.61	18.44	18.46		
5	256QAM	12	0	18.53	18.57	18.66	18.51	18.46	19.7	0
5	256QAM	12	7	18.37	18.62	18.64	18.35	18.49		
5	256QAM	12	13	18.40	18.46	18.47	18.45	18.37		
5	256QAM	25	0	18.51	18.46	18.54	18.37	18.29		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.21	22.24	22.18	23.5	0
20	QPSK	1	49	22.09	22.21	22.12		
20	QPSK	1	99	22.16	22.18	22.07		
20	QPSK	50	0	21.25	21.29	21.24	22.5	1
20	QPSK	50	24	21.05	21.21	21.14		
20	QPSK	50	50	21.11	21.20	21.05		
20	QPSK	100	0	21.21	21.26	21.16		
20	16QAM	1	0	21.17	21.25	21.19	22.5	1
20	16QAM	1	49	21.14	21.26	21.07		
20	16QAM	1	99	21.17	21.19	21.08		
20	16QAM	50	0	20.30	20.32	20.19	21.5	2
20	16QAM	50	24	19.99	20.18	20.15		
20	16QAM	50	50	20.14	20.25	20.00		
20	16QAM	100	0	20.21	20.23	20.11		
20	64QAM	1	0	20.18	20.29	20.17	21.5	2
20	64QAM	1	49	20.20	20.22	20.10		
20	64QAM	1	99	20.22	20.16	20.14		
20	64QAM	50	0	19.19	19.26	19.22	20.5	3
20	64QAM	50	24	19.08	19.19	19.17		
20	64QAM	50	50	19.14	19.18	19.00		
20	64QAM	100	0	19.23	19.24	19.12		
20	256QAM	1	0	17.28	17.32	17.22	18.5	5
20	256QAM	1	49	17.08	17.16	17.20		
20	256QAM	1	99	17.11	17.22	17.00		
20	256QAM	50	0	17.18	17.31	17.14	18.5	5
20	256QAM	50	24	17.22	17.22	17.18		
20	256QAM	50	50	17.19	17.31	17.13		
20	256QAM	100	0	17.20	17.18	17.06		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.17	22.18	22.13	23.5	0
15	QPSK	1	37	21.96	22.08	22.00		
15	QPSK	1	74	22.09	22.07	22.03		
15	QPSK	36	0	21.22	21.25	21.13	22.5	1
15	QPSK	36	20	20.91	21.13	21.09		
15	QPSK	36	39	21.03	21.13	20.92		
15	QPSK	75	0	21.11	21.16	21.08		
15	16QAM	1	0	21.04	21.12	21.13	22.5	1
15	16QAM	1	37	21.11	21.13	21.02		
15	16QAM	1	74	21.04	21.10	21.02		
15	16QAM	36	0	20.21	20.28	20.09	21.5	2
15	16QAM	36	20	19.93	20.14	20.07		
15	16QAM	36	39	20.07	20.21	19.94		
15	16QAM	75	0	20.14	20.10	19.99		
15	64QAM	1	0	20.05	20.22	20.06	21.5	2
15	64QAM	1	37	20.17	20.18	20.02		
15	64QAM	1	74	20.08	20.09	20.01		
15	64QAM	36	0	19.15	19.24	19.20	20.5	3
15	64QAM	36	20	18.94	19.15	19.13		
15	64QAM	36	39	19.04	19.08	18.87		
15	64QAM	75	0	19.11	19.15	19.04		
15	256QAM	1	0	17.19	17.20	17.16	18.5	5
15	256QAM	1	37	16.97	17.07	17.13		
15	256QAM	1	74	17.02	17.13	16.91		
15	256QAM	36	0	17.11	17.23	17.04	18.5	5
15	256QAM	36	20	17.19	17.20	17.12		
15	256QAM	36	39	17.10	17.20	16.99		
15	256QAM	75	0	17.09	17.09	17.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.07	22.16	22.15	23.5	0
10	QPSK	1	25	22.06	22.08	22.09		
10	QPSK	1	49	22.10	22.09	22.00		
10	QPSK	25	0	21.19	21.27	21.18	22.5	1
10	QPSK	25	12	20.99	21.13	21.00		
10	QPSK	25	25	21.02	21.11	20.95		
10	QPSK	50	0	21.11	21.18	21.02		
10	16QAM	1	0	21.10	21.17	21.15	22.5	1
10	16QAM	1	25	21.05	21.20	21.04		
10	16QAM	1	49	21.12	21.14	20.95		
10	16QAM	25	0	20.19	20.25	20.08	21.5	2
10	16QAM	25	12	19.90	20.12	20.05		
10	16QAM	25	25	20.07	20.12	19.97		
10	16QAM	50	0	20.18	20.14	19.97		
10	64QAM	1	0	20.14	20.24	20.05	21.5	2
10	64QAM	1	25	20.12	20.14	20.03		
10	64QAM	1	49	20.09	20.07	20.08		
10	64QAM	25	0	19.07	19.22	19.17	20.5	3
10	64QAM	25	12	19.03	19.08	19.05		
10	64QAM	25	25	19.01	19.11	18.89		
10	64QAM	50	0	19.15	19.13	19.03		
10	256QAM	1	0	17.26	17.23	17.16	18.5	5
10	256QAM	1	25	17.05	17.05	17.13		
10	256QAM	1	49	17.03	17.12	16.96		
10	256QAM	25	0	17.09	17.28	17.12	18.5	5
10	256QAM	25	12	17.17	17.12	17.12		
10	256QAM	25	25	17.16	17.29	17.07		
10	256QAM	50	0	17.10	17.05	17.00		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.16	22.18	22.11	23.5	0
5	QPSK	1	12	21.95	22.17	22.01		
5	QPSK	1	24	22.11	22.11	21.98		
5	QPSK	12	0	21.11	21.18	21.15	22.5	1
5	QPSK	12	7	20.94	21.14	21.12		
5	QPSK	12	13	20.97	21.15	21.00		
5	QPSK	25	0	21.09	21.15	21.14		
5	16QAM	1	0	21.11	21.12	21.15	22.5	1
5	16QAM	1	12	21.08	21.24	20.97		
5	16QAM	1	24	21.05	21.10	20.99		
5	16QAM	12	0	20.20	20.18	20.09	21.5	2
5	16QAM	12	7	19.93	20.16	20.04		
5	16QAM	12	13	20.00	20.13	19.89		
5	16QAM	25	0	20.14	20.17	20.03		
5	64QAM	1	0	20.10	20.25	20.13	21.5	2
5	64QAM	1	12	20.12	20.18	20.02		
5	64QAM	1	24	20.09	20.10	20.09		
5	64QAM	12	0	19.08	19.21	19.12	20.5	3
5	64QAM	12	7	19.02	19.09	19.05		
5	64QAM	12	13	19.04	19.11	18.88		
5	64QAM	25	0	19.18	19.16	18.98		
5	256QAM	1	0	17.23	17.25	17.14	18.5	5
5	256QAM	1	12	17.04	17.08	17.06		
5	256QAM	1	24	17.04	17.13	16.97		
5	256QAM	12	0	17.08	17.28	17.05	18.5	5
5	256QAM	12	7	17.12	17.20	17.11		
5	256QAM	12	13	17.13	17.28	17.03		
5	256QAM	25	0	17.15	17.05	16.98		

Band 41 Ant5 ECI1

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	20.63	20.77	20.84	20.62	20.62	22.5	0
20	QPSK	1	49	20.68	20.67	20.89	20.54	20.68		
20	QPSK	1	99	20.70	20.66	20.88	20.52	20.72		
20	QPSK	50	0	20.67	20.70	20.82	20.73	20.63	22.5	0
20	QPSK	50	24	20.63	20.71	20.87	20.63	20.72		
20	QPSK	50	50	20.60	20.67	20.84	20.55	20.61		
20	QPSK	100	0	20.61	20.69	20.82	20.64	20.69		
20	16QAM	1	0	20.60	20.67	20.87	20.58	20.69	22.5	0
20	16QAM	1	49	20.63	20.66	20.88	20.63	20.67		
20	16QAM	1	99	20.66	20.68	20.84	20.55	20.67		
20	16QAM	50	0	20.14	20.21	20.33	20.08	20.17	22	0.5
20	16QAM	50	24	20.14	20.21	20.33	20.08	20.17		
20	16QAM	50	50	20.14	20.21	20.33	20.08	20.17		
20	16QAM	100	0	20.14	20.21	20.33	20.08	20.17		
20	64QAM	1	0	20.14	20.21	20.33	20.08	20.17	22	0.5
20	64QAM	1	49	20.14	20.21	20.33	20.08	20.17		
20	64QAM	1	99	20.14	20.21	20.33	20.08	20.17		
20	64QAM	50	0	19.09	19.30	19.33	19.17	19.09	21	1.5
20	64QAM	50	24	19.15	19.24	19.32	19.09	19.16		
20	64QAM	50	50	19.14	19.22	19.32	19.13	19.17		
20	64QAM	100	0	19.18	19.26	19.32	19.06	19.18		
20	256QAM	1	0	17.07	17.29	17.39	17.11	17.14	19	3.5
20	256QAM	1	49	17.14	17.23	17.34	17.15	17.07		
20	256QAM	1	99	17.08	17.21	17.29	17.18	17.10		
20	256QAM	50	0	17.12	17.29	17.39	17.14	17.13	19	3.5
20	256QAM	50	24	17.09	17.33	17.38	17.15	17.12		
20	256QAM	50	50	17.08	17.25	17.30	17.14	17.13		
20	256QAM	100	0	17.11	17.25	17.28	17.09	17.13		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.52	20.68	20.69	20.49	20.54	22.50	0
15	QPSK	1	37	20.58	20.52	20.80	20.47	20.55		
15	QPSK	1	74	20.56	20.55	20.84	20.40	20.61		
15	QPSK	36	0	20.59	20.58	20.69	20.42	20.58	22.5	0
15	QPSK	36	20	20.47	20.59	20.81	20.50	20.65		
15	QPSK	36	39	20.53	20.60	20.77	20.42	20.45		
15	QPSK	75	0	20.53	20.54	20.66	20.59	20.54		
15	16QAM	1	0	20.47	20.57	20.82	20.44	20.63	22.5	0
15	16QAM	1	37	20.55	20.54	20.73	20.49	20.56		
15	16QAM	1	74	20.57	20.56	20.74	20.48	20.53		
15	16QAM	36	0	20.03	20.06	20.28	20.03	20.02	22	0.5
15	16QAM	36	20	20.03	20.08	20.23	20.01	20.01		
15	16QAM	36	39	19.99	20.08	20.18	20.01	20.09		
15	16QAM	75	0	20.00	20.15	20.24	19.99	20.03		
15	64QAM	1	0	20.00	20.16	20.23	20.02	20.06	22	0.5
15	64QAM	1	37	19.99	20.11	20.20	19.98	20.09		
15	64QAM	1	74	20.04	20.09	20.24	19.99	20.09		
15	64QAM	36	0	19.00	19.17	19.17	19.09	18.95	21	1.5
15	64QAM	36	20	19.09	19.09	19.23	19.04	19.03		
15	64QAM	36	39	19.01	19.15	19.25	18.98	19.09		
15	64QAM	75	0	19.09	19.13	19.21	18.97	19.02		
15	256QAM	1	0	16.93	17.22	17.31	17.02	17.00	19	3.5
15	256QAM	1	37	16.99	17.09	17.19	17.01	16.92		
15	256QAM	1	74	16.93	17.10	17.23	17.11	16.99		
15	256QAM	36	0	16.96	17.17	17.24	17.00	17.07	19	3.5
15	256QAM	36	20	17.02	17.18	17.30	17.01	16.98		
15	256QAM	36	39	16.97	17.16	17.17	17.04	17.00		
15	256QAM	75	0	16.97	17.09	17.18	16.93	16.99		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.58	20.72	20.71	20.53	20.55	22.50	0
10	QPSK	1	25	20.63	20.61	20.77	20.47	20.57		
10	QPSK	1	49	20.61	20.59	20.81	20.46	20.62		
10	QPSK	25	0	20.61	20.57	20.70	20.42	20.56	22.5	0
10	QPSK	25	12	20.52	20.59	20.75	20.54	20.58		
10	QPSK	25	25	20.49	20.54	20.69	20.50	20.48		
10	QPSK	50	0	20.48	20.63	20.74	20.53	20.60		
10	16QAM	1	0	20.50	20.57	20.73	20.44	20.63	22.5	0
10	16QAM	1	25	20.59	20.57	20.82	20.55	20.53		
10	16QAM	1	49	20.50	20.60	20.80	20.44	20.57		
10	16QAM	25	0	20.01	20.13	20.24	19.95	20.07	22	0.5
10	16QAM	25	12	20.06	20.17	20.25	19.99	20.11		
10	16QAM	25	25	20.04	20.07	20.28	20.04	20.12		
10	16QAM	50	0	20.00	20.11	20.17	19.97	20.08		
10	64QAM	1	0	20.01	20.07	20.21	19.98	20.04	22	0.5
10	64QAM	1	25	20.05	20.11	20.20	19.99	20.04		
10	64QAM	1	49	20.06	20.05	20.22	19.94	20.06		
10	64QAM	25	0	18.97	19.25	19.24	19.11	18.98	21	1.5
10	64QAM	25	12	19.06	19.09	19.17	18.96	19.03		
10	64QAM	25	25	18.99	19.13	19.17	19.08	19.04		
10	64QAM	50	0	19.02	19.21	19.26	18.95	19.13		
10	256QAM	1	0	16.95	17.21	17.28	17.01	17.00	19	3.5
10	256QAM	1	25	17.00	17.15	17.26	17.01	16.93		
10	256QAM	1	49	17.03	17.10	17.21	17.09	16.96		
10	256QAM	25	0	16.96	17.20	17.24	17.06	17.00	19	3.5
10	256QAM	25	12	17.04	17.21	17.28	17.08	17.04		
10	256QAM	25	25	16.95	17.11	17.18	17.09	16.99		
10	256QAM	50	0	16.98	17.10	17.22	17.00	17.06		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.52	20.68	20.78	20.51	20.47	22.50	0
5	QPSK	1	12	20.64	20.62	20.84	20.44	20.60		
5	QPSK	1	24	20.62	20.62	20.77	20.46	20.56		
5	QPSK	12	0	20.61	20.64	20.70	20.45	20.51	22.5	0
5	QPSK	12	7	20.53	20.56	20.72	20.53	20.59		
5	QPSK	12	13	20.50	20.55	20.80	20.50	20.54		
5	QPSK	25	0	20.46	20.58	20.67	20.50	20.62		
5	16QAM	1	0	20.52	20.52	20.71	20.43	20.61	22.5	0
5	16QAM	1	12	20.49	20.59	20.75	20.49	20.58		
5	16QAM	1	24	20.56	20.59	20.73	20.43	20.57		
5	16QAM	12	0	20.07	20.08	20.21	19.99	20.04	22	0.5
5	16QAM	12	7	20.05	20.06	20.17	19.98	20.10		
5	16QAM	12	13	20.04	20.13	20.29	20.00	20.03		
5	16QAM	25	0	20.02	20.06	20.25	20.02	20.09		
5	64QAM	1	0	20.08	20.08	20.18	19.98	20.08	22	0.5
5	64QAM	1	12	20.01	20.16	20.22	20.04	20.03		
5	64QAM	1	24	20.06	20.11	20.23	19.93	20.09		
5	64QAM	12	0	18.99	19.21	19.22	19.04	18.96	21	1.5
5	64QAM	12	7	19.01	19.17	19.22	19.05	19.10		
5	64QAM	12	13	19.00	19.17	19.18	19.00	19.03		
5	64QAM	25	0	19.05	19.19	19.23	19.00	19.09		
5	256QAM	1	0	16.96	17.20	17.29	17.02	17.01	19	3.5
5	256QAM	1	12	17.06	17.15	17.23	17.10	17.00		
5	256QAM	1	24	17.01	17.09	17.13	17.03	16.97		
5	256QAM	12	0	17.06	17.20	17.33	17.06	17.03	19	3.5
5	256QAM	12	7	16.94	17.25	17.23	17.02	17.06		
5	256QAM	12	13	16.96	17.10	17.20	16.99	16.99		
5	256QAM	25	0	16.96	17.19	17.24	16.98	16.99		

Reduced Power Mode for ECI3_Other PA

Band 5 Ant0 ECI3

BW [MHz]	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	25.16	25.37	25.12	25.7	0
10	QPSK	1	25	25.05	25.30	25.01		
10	QPSK	1	49	25.13	25.26	25.02		
10	QPSK	25	0	24.12	24.41	24.10	24.7	1
10	QPSK	25	12	23.99	24.27	24.02		
10	QPSK	25	25	24.12	24.28	24.05		
10	QPSK	50	0	24.13	24.35	24.15		
10	16QAM	1	0	24.21	24.34	24.16	24.7	1
10	16QAM	1	25	24.03	24.32	23.99		
10	16QAM	1	49	24.16	24.25	23.97		
10	16QAM	25	0	23.17	23.35	23.07	23.7	2
10	16QAM	25	12	23.02	23.33	22.97		
10	16QAM	25	25	23.16	23.29	23.09		
10	16QAM	50	0	23.08	23.37	23.21		
10	64QAM	1	0	23.26	23.29	23.21	23.7	2
10	64QAM	1	25	23.06	23.35	22.96		
10	64QAM	1	49	23.18	23.20	23.00		
10	64QAM	25	0	22.09	22.45	22.09	22.7	3
10	64QAM	25	12	22.02	22.25	22.07		
10	64QAM	25	25	22.17	22.23	22.02		
10	64QAM	50	0	22.09	22.32	22.21		
10	256QAM	1	0	20.10	20.43	20.12	20.7	5
10	256QAM	1	25	20.04	20.30	20.06		
10	256QAM	1	49	20.13	20.23	20.09		
10	256QAM	25	0	20.19	20.40	20.11	20.7	5
10	256QAM	25	12	20.22	20.32	20.15		
10	256QAM	25	25	19.98	20.28	19.95		
10	256QAM	50	0	20.13	20.20	20.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.14	25.24	25.07	25.7	0
5	QPSK	1	12	24.92	25.25	24.87		
5	QPSK	1	24	25.00	25.21	24.97		
5	QPSK	12	0	24.03	24.38	23.96	24.7	1
5	QPSK	12	7	23.86	24.19	23.91		
5	QPSK	12	13	24.05	24.22	24.00		
5	QPSK	25	0	24.06	24.26	24.11		
5	16QAM	1	0	24.11	24.28	24.09	24.7	1
5	16QAM	1	12	23.97	24.20	23.95		
5	16QAM	1	24	24.10	24.21	23.92		
5	16QAM	12	0	23.03	23.28	22.94	23.7	2
5	16QAM	12	7	22.93	23.22	22.92		
5	16QAM	12	13	23.04	23.17	23.06		
5	16QAM	25	0	22.95	23.30	23.08		
5	64QAM	1	0	23.21	23.25	23.18	23.7	2
5	64QAM	1	12	23.02	23.32	22.91		
5	64QAM	1	24	23.06	23.17	22.92		
5	64QAM	12	0	22.07	22.35	22.05	22.7	3
5	64QAM	12	7	21.97	22.14	21.95		
5	64QAM	12	13	22.13	22.18	21.90		
5	64QAM	25	0	22.00	22.21	22.16		
5	256QAM	1	0	19.99	20.37	20.05	20.7	5
5	256QAM	1	12	19.93	20.24	20.02		
5	256QAM	1	24	20.08	20.11	20.02		
5	256QAM	12	0	20.05	20.35	19.98	20.7	5
5	256QAM	12	7	20.12	20.29	20.09		
5	256QAM	12	13	19.86	20.17	19.90		
5	256QAM	25	0	20.08	20.11	19.94		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.07	25.23	25.03	25.7	0
3	QPSK	1	8	24.99	25.20	24.91		
3	QPSK	1	14	25.05	25.17	24.88		
3	QPSK	8	0	24.07	24.33	24.02	24.7	1
3	QPSK	8	4	23.91	24.14	23.94		
3	QPSK	8	7	24.05	24.25	24.00		
3	QPSK	15	0	24.02	24.29	24.09		
3	16QAM	1	0	24.12	24.31	24.10	24.7	1
3	16QAM	1	8	23.94	24.22	23.86		
3	16QAM	1	14	24.09	24.13	23.94		
3	16QAM	8	0	23.12	23.23	22.97	23.7	2
3	16QAM	8	4	22.92	23.30	22.85		
3	16QAM	8	7	23.02	23.25	23.07		
3	16QAM	15	0	23.02	23.30	23.09		
3	64QAM	1	0	23.24	23.23	23.15	23.7	2
3	64QAM	1	8	22.93	23.29	22.88		
3	64QAM	1	14	23.05	23.16	22.97		
3	64QAM	8	0	21.95	22.38	22.05	22.7	3
3	64QAM	8	4	21.97	22.15	21.98		
3	64QAM	8	7	22.13	22.21	21.99		
3	64QAM	15	0	21.95	22.21	22.09		
3	256QAM	1	0	20.07	20.39	20.10	20.7	5
3	256QAM	1	8	19.94	20.18	20.00		
3	256QAM	1	14	20.07	20.12	19.96		
3	256QAM	8	0	20.16	20.27	20.05	20.7	5
3	256QAM	8	4	20.11	20.24	20.01		
3	256QAM	8	7	19.90	20.21	19.83		
3	256QAM	15	0	20.07	20.14	19.92		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.14	25.30	24.98	25.7	0
1.4	QPSK	1	3	24.93	25.27	24.91		
1.4	QPSK	1	5	25.01	25.22	24.97		
1.4	QPSK	3	0	25.03	25.25	24.91		
1.4	QPSK	3	1	24.80	25.14	24.88		
1.4	QPSK	3	3	24.93	25.13	24.93		
1.4	QPSK	6	0	24.07	24.30	24.02	24.7	1
1.4	16QAM	1	0	24.15	24.28	24.14	24.7	1
1.4	16QAM	1	3	23.95	24.25	23.92		
1.4	16QAM	1	5	24.08	24.12	23.95		
1.4	16QAM	3	0	24.01	24.22	24.00		
1.4	16QAM	3	1	24.01	24.18	24.02		
1.4	16QAM	3	3	23.92	24.22	23.87		
1.4	16QAM	6	0	23.02	23.34	23.17	23.7	2
1.4	64QAM	1	0	23.19	23.24	23.10	23.7	2
1.4	64QAM	1	3	22.95	23.24	22.86		
1.4	64QAM	1	5	23.12	23.15	22.91		
1.4	64QAM	3	0	22.96	23.27	23.15		
1.4	64QAM	3	1	23.12	23.13	23.04		
1.4	64QAM	3	3	22.88	23.14	22.80		
1.4	64QAM	6	0	21.97	22.25	22.10	22.7	3
1.4	256QAM	1	0	19.97	20.34	20.01	20.7	5
1.4	256QAM	1	3	20.02	20.22	19.96		
1.4	256QAM	1	5	20.07	20.16	20.02		
1.4	256QAM	3	0	20.14	20.33	19.98		
1.4	256QAM	3	1	20.14	20.27	20.12		
1.4	256QAM	3	3	19.94	20.20	19.85		
1.4	256QAM	6	0	20.00	20.12	19.94	20.7	5

Band 5 Ant1 ECI3

BW [MHz]	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	21.76	21.85	21.69	22.2	0
10	QPSK	1	25	21.76	21.71	21.62		
10	QPSK	1	49	21.78	21.71	21.65		
10	QPSK	25	0	21.71	21.83	21.60	22.2	0
10	QPSK	25	12	21.70	21.75	21.48		
10	QPSK	25	25	21.63	21.63	21.45		
10	QPSK	50	0	21.71	21.82	21.68		
10	16QAM	1	0	21.69	21.80	21.63	22.2	0
10	16QAM	1	25	21.65	21.57	21.52		
10	16QAM	1	49	21.73	21.62	21.54		
10	16QAM	25	0	21.68	21.79	21.47	22.2	0
10	16QAM	25	12	21.59	21.70	21.35		
10	16QAM	25	25	21.50	21.54	21.40		
10	16QAM	50	0	21.59	21.70	21.57		
10	64QAM	1	0	21.63	21.81	21.59	22.2	0
10	64QAM	1	25	21.62	21.61	21.50		
10	64QAM	1	49	21.68	21.65	21.61		
10	64QAM	25	0	21.62	21.79	21.48	22.2	0
10	64QAM	25	12	21.62	21.72	21.44		
10	64QAM	25	25	21.52	21.51	21.39		
10	64QAM	50	0	21.68	21.75	21.59		
10	256QAM	1	0	20.30	20.30	20.22	20.7	1.5
10	256QAM	1	25	20.27	20.17	20.06		
10	256QAM	1	49	20.22	20.16	20.14		
10	256QAM	25	0	20.24	20.34	20.07	20.7	1.5
10	256QAM	25	12	20.21	20.24	19.94		
10	256QAM	25	25	20.09	20.17	19.96		
10	256QAM	50	0	20.25	20.29	20.16		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.72	21.76	21.65	22.2	0
5	QPSK	1	12	21.68	21.63	21.48		
5	QPSK	1	24	21.74	21.65	21.60		
5	QPSK	12	0	21.61	21.78	21.57	22.2	0
5	QPSK	12	7	21.57	21.66	21.42		
5	QPSK	12	13	21.50	21.56	21.33		
5	QPSK	25	0	21.62	21.71	21.54		
5	16QAM	1	0	21.59	21.72	21.54	22.2	0
5	16QAM	1	12	21.53	21.52	21.41		
5	16QAM	1	24	21.62	21.58	21.50		
5	16QAM	12	0	21.54	21.67	21.38	22.2	0
5	16QAM	12	7	21.56	21.67	21.28		
5	16QAM	12	13	21.46	21.46	21.31		
5	16QAM	25	0	21.46	21.59	21.52		
5	64QAM	1	0	21.51	21.79	21.51	22.2	0
5	64QAM	1	12	21.52	21.59	21.47		
5	64QAM	1	24	21.54	21.57	21.48		
5	64QAM	12	0	21.53	21.66	21.45	22.2	0
5	64QAM	12	7	21.59	21.66	21.37		
5	64QAM	12	13	21.47	21.47	21.30		
5	64QAM	25	0	21.56	21.72	21.51		
5	256QAM	1	0	20.20	20.21	20.10	20.7	1.5
5	256QAM	1	12	20.19	20.11	19.95		
5	256QAM	1	24	20.16	20.07	20.07		
5	256QAM	12	0	20.12	20.23	20.00	20.7	1.5
5	256QAM	12	7	20.13	20.19	19.90		
5	256QAM	12	13	20.02	20.14	19.89		
5	256QAM	25	0	20.15	20.21	20.13		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.66	21.75	21.55	22.2	0
3	QPSK	1	8	21.66	21.67	21.59		
3	QPSK	1	14	21.67	21.66	21.52		
3	QPSK	8	0	21.66	21.80	21.48	22.2	0
3	QPSK	8	4	21.62	21.62	21.44		
3	QPSK	8	7	21.55	21.60	21.39		
3	QPSK	15	0	21.68	21.77	21.60		
3	16QAM	1	0	21.55	21.69	21.52	22.2	0
3	16QAM	1	8	21.54	21.45	21.38		
3	16QAM	1	14	21.62	21.57	21.43		
3	16QAM	8	0	21.64	21.67	21.40	22.2	0
3	16QAM	8	4	21.54	21.62	21.30		
3	16QAM	8	7	21.41	21.49	21.31		
3	16QAM	15	0	21.53	21.64	21.47		
3	64QAM	1	0	21.52	21.70	21.51	22.2	0
3	64QAM	1	8	21.50	21.53	21.42		
3	64QAM	1	14	21.60	21.57	21.58		
3	64QAM	8	0	21.53	21.73	21.35	22.2	0
3	64QAM	8	4	21.60	21.59	21.39		
3	64QAM	8	7	21.43	21.37	21.30		
3	64QAM	15	0	21.61	21.71	21.49		
3	256QAM	1	0	20.28	20.22	20.17	20.7	1.5
3	256QAM	1	8	20.14	20.08	19.93		
3	256QAM	1	14	20.20	20.07	20.04		
3	256QAM	8	0	20.21	20.30	20.01	20.7	1.5
3	256QAM	8	4	20.13	20.20	19.91		
3	256QAM	8	7	19.98	20.07	19.94		
3	256QAM	15	0	20.20	20.20	20.07		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.69	21.74	21.64	22.2	0
1.4	QPSK	1	3	21.62	21.60	21.49		
1.4	QPSK	1	5	21.66	21.62	21.59		
1.4	QPSK	3	0	21.63	21.78	21.57		
1.4	QPSK	3	1	21.61	21.67	21.41		
1.4	QPSK	3	3	21.60	21.59	21.42		
1.4	QPSK	6	0	21.63	21.71	21.66	22.2	0
1.4	16QAM	1	0	21.61	21.78	21.49	22.2	0
1.4	16QAM	1	3	21.57	21.43	21.42		
1.4	16QAM	1	5	21.64	21.50	21.49		
1.4	16QAM	3	0	21.58	21.70	21.44		
1.4	16QAM	3	1	21.56	21.60	21.23		
1.4	16QAM	3	3	21.40	21.42	21.27		
1.4	16QAM	6	0	21.53	21.59	21.45	22.2	0
1.4	64QAM	1	0	21.60	21.74	21.47	22.2	0
1.4	64QAM	1	3	21.56	21.57	21.45		
1.4	64QAM	1	5	21.64	21.54	21.54		
1.4	64QAM	3	0	21.52	21.76	21.44		
1.4	64QAM	3	1	21.51	21.59	21.42		
1.4	64QAM	3	3	21.40	21.40	21.31		
1.4	64QAM	6	0	21.63	21.66	21.47	22.2	0
1.4	256QAM	1	0	20.24	20.17	20.15	20.7	1.5
1.4	256QAM	1	3	20.17	20.08	20.02		
1.4	256QAM	1	5	20.08	20.04	20.02		
1.4	256QAM	3	0	20.14	20.26	20.01		
1.4	256QAM	3	1	20.13	20.19	19.86		
1.4	256QAM	3	3	19.95	20.08	19.86		
1.4	256QAM	6	0	20.19	20.21	20.08	20.7	1.5

Band 7 Ant2 ECI3

BW [MHz]	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	20.51	20.52	20.50	21.5	0
20	QPSK	1	49	20.34	20.44	20.40		
20	QPSK	1	99	20.42	20.51	20.44		
20	QPSK	50	0	20.45	20.47	20.40	21.5	0
20	QPSK	50	24	20.25	20.42	20.32		
20	QPSK	50	50	20.28	20.43	20.37		
20	QPSK	100	0	20.39	20.46	20.42		
20	16QAM	1	0	20.47	20.45	20.47	21.5	0
20	16QAM	1	49	20.29	20.34	20.29		
20	16QAM	1	99	20.37	20.48	20.38		
20	16QAM	50	0	20.36	20.40	20.32	21.5	0
20	16QAM	50	24	20.13	20.30	20.23		
20	16QAM	50	50	20.21	20.35	20.33		
20	16QAM	100	0	20.34	20.35	20.34		
20	64QAM	1	0	20.40	20.40	20.43	21.5	0
20	64QAM	1	49	20.21	20.27	20.25		
20	64QAM	1	99	20.28	20.38	20.30		
20	64QAM	50	0	20.33	20.35	20.36	21.5	0
20	64QAM	50	24	20.15	20.37	20.26		
20	64QAM	50	50	20.23	20.33	20.30		
20	64QAM	100	0	20.29	20.40	20.28		
20	256QAM	1	0	19.51	19.52	19.34	20.5	1
20	256QAM	1	49	19.28	19.39	19.30		
20	256QAM	1	99	19.32	19.42	19.39		
20	256QAM	50	0	19.40	19.43	19.44	20.5	1
20	256QAM	50	24	19.49	19.45	19.48		
20	256QAM	50	50	19.34	19.35	19.26		
20	256QAM	100	0	19.41	19.45	19.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.44	20.41	20.37	21.5	0
15	QPSK	1	37	20.31	20.37	20.35		
15	QPSK	1	74	20.28	20.44	20.33		
15	QPSK	36	0	20.34	20.42	20.34	21.5	0
15	QPSK	36	20	20.11	20.31	20.25		
15	QPSK	36	39	20.22	20.30	20.28		
15	QPSK	75	0	20.36	20.40	20.38		
15	16QAM	1	0	20.38	20.38	20.40	21.5	0
15	16QAM	1	37	20.21	20.24	20.18		
15	16QAM	1	74	20.30	20.43	20.25		
15	16QAM	36	0	20.23	20.32	20.24	21.5	0
15	16QAM	36	20	20.06	20.23	20.16		
15	16QAM	36	39	20.14	20.24	20.31		
15	16QAM	75	0	20.26	20.30	20.23		
15	64QAM	1	0	20.36	20.31	20.34	21.5	0
15	64QAM	1	37	20.11	20.21	20.22		
15	64QAM	1	74	20.19	20.36	20.17		
15	64QAM	36	0	20.25	20.25	20.24	21.5	0
15	64QAM	36	20	20.08	20.30	20.13		
15	64QAM	36	39	20.20	20.21	20.20		
15	64QAM	75	0	20.24	20.34	20.26		
15	256QAM	1	0	19.44	19.46	19.31	20.5	1
15	256QAM	1	37	19.17	19.37	19.22		
15	256QAM	1	74	19.26	19.34	19.35		
15	256QAM	36	0	19.27	19.34	19.37	20.5	1
15	256QAM	36	20	19.41	19.42	19.37		
15	256QAM	36	39	19.24	19.25	19.21		
15	256QAM	75	0	19.27	19.33	19.31		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.42	20.42	20.40	21.5	0
10	QPSK	1	25	20.25	20.36	20.28		
10	QPSK	1	49	20.29	20.39	20.36		
10	QPSK	25	0	20.42	20.35	20.30	21.5	0
10	QPSK	25	12	20.18	20.33	20.23		
10	QPSK	25	25	20.18	20.36	20.26		
10	QPSK	50	0	20.35	20.38	20.33		
10	16QAM	1	0	20.42	20.33	20.34	21.5	0
10	16QAM	1	25	20.24	20.22	20.19		
10	16QAM	1	49	20.30	20.35	20.31		
10	16QAM	25	0	20.26	20.36	20.28	21.5	0
10	16QAM	25	12	20.07	20.17	20.15		
10	16QAM	25	25	20.19	20.24	20.21		
10	16QAM	50	0	20.22	20.29	20.25		
10	64QAM	1	0	20.30	20.34	20.34	21.5	0
10	64QAM	1	25	20.08	20.24	20.12		
10	64QAM	1	49	20.23	20.28	20.25		
10	64QAM	25	0	20.21	20.32	20.33	21.5	0
10	64QAM	25	12	20.07	20.29	20.16		
10	64QAM	25	25	20.16	20.24	20.28		
10	64QAM	50	0	20.24	20.26	20.17		
10	256QAM	1	0	19.42	19.48	19.30	20.5	1
10	256QAM	1	25	19.20	19.31	19.27		
10	256QAM	1	49	19.20	19.39	19.32		
10	256QAM	25	0	19.30	19.38	19.36	20.5	1
10	256QAM	25	12	19.43	19.42	19.36		
10	256QAM	25	25	19.25	19.30	19.17		
10	256QAM	50	0	19.37	19.42	19.33		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.44	20.40	20.48	21.5	0
5	QPSK	1	12	20.25	20.36	20.38		
5	QPSK	1	24	20.37	20.45	20.41		
5	QPSK	12	0	20.41	20.39	20.32	21.5	0
5	QPSK	12	7	20.22	20.32	20.26		
5	QPSK	12	13	20.15	20.31	20.33		
5	QPSK	25	0	20.32	20.36	20.30		
5	16QAM	1	0	20.40	20.36	20.39	21.5	0
5	16QAM	1	12	20.17	20.20	20.23		
5	16QAM	1	24	20.32	20.44	20.34		
5	16QAM	12	0	20.28	20.33	20.21	21.5	0
5	16QAM	12	7	20.09	20.25	20.12		
5	16QAM	12	13	20.14	20.21	20.22		
5	16QAM	25	0	20.32	20.30	20.26		
5	64QAM	1	0	20.27	20.35	20.29	21.5	0
5	64QAM	1	12	20.11	20.22	20.21		
5	64QAM	1	24	20.19	20.25	20.19		
5	64QAM	12	0	20.29	20.24	20.31	21.5	0
5	64QAM	12	7	20.03	20.29	20.19		
5	64QAM	12	13	20.17	20.21	20.26		
5	64QAM	25	0	20.22	20.33	20.22		
5	256QAM	1	0	19.45	19.46	19.27	20.5	1
5	256QAM	1	12	19.23	19.32	19.25		
5	256QAM	1	24	19.26	19.36	19.34		
5	256QAM	12	0	19.35	19.39	19.34	20.5	1
5	256QAM	12	7	19.36	19.36	19.44		
5	256QAM	12	13	19.25	19.25	19.21		
5	256QAM	25	0	19.39	19.40	19.27		

Band 7 Ant3 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.50	19.51	19.42	20.7	0
20	QPSK	1	49	19.40	19.48	19.41		
20	QPSK	1	99	19.34	19.46	19.33		
20	QPSK	50	0	19.46	19.48	19.36	20.7	0
20	QPSK	50	24	19.37	19.40	19.31		
20	QPSK	50	50	19.22	19.42	19.23		
20	QPSK	100	0	19.40	19.45	19.37		
20	16QAM	1	0	19.43	19.44	19.29	20.7	0
20	16QAM	1	49	19.28	19.44	19.38		
20	16QAM	1	99	19.27	19.41	19.26		
20	16QAM	50	0	19.46	19.44	19.37	20.7	0
20	16QAM	50	24	19.35	19.41	19.38		
20	16QAM	50	50	19.29	19.42	19.25		
20	16QAM	100	0	19.38	19.45	19.33		
20	64QAM	1	0	19.32	19.34	19.28	20.7	0
20	64QAM	1	49	19.20	19.40	19.12		
20	64QAM	1	99	19.32	19.39	19.27		
20	64QAM	50	0	19.38	19.42	19.34	20.7	0
20	64QAM	50	24	19.30	19.37	19.27		
20	64QAM	50	50	19.22	19.40	19.29		
20	64QAM	100	0	19.40	19.37	19.30		
20	256QAM	1	0	19.01	19.07	18.92	20.2	0.5
20	256QAM	1	49	18.88	19.02	18.85		
20	256QAM	1	99	18.84	18.90	18.86		
20	256QAM	50	0	19.01	18.95	18.82	20.2	0.5
20	256QAM	50	24	18.89	18.89	18.76		
20	256QAM	50	50	18.71	18.91	18.78		
20	256QAM	100	0	18.84	18.98	18.89		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.47	19.40	19.35	20.7	0
15	QPSK	1	37	19.28	19.44	19.31		
15	QPSK	1	74	19.23	19.34	19.30		
15	QPSK	36	0	19.40	19.45	19.33	20.7	0
15	QPSK	36	20	19.30	19.37	19.25		
15	QPSK	36	39	19.11	19.39	19.20		
15	QPSK	75	0	19.31	19.34	19.24		
15	16QAM	1	0	19.36	19.36	19.21	20.7	0
15	16QAM	1	37	19.17	19.33	19.34		
15	16QAM	1	74	19.25	19.29	19.21		
15	16QAM	36	0	19.32	19.35	19.31	20.7	0
15	16QAM	36	20	19.33	19.37	19.34		
15	16QAM	36	39	19.17	19.37	19.17		
15	16QAM	75	0	19.24	19.42	19.20		
15	64QAM	1	0	19.21	19.27	19.21	20.7	0
15	64QAM	1	37	19.12	19.36	19.07		
15	64QAM	1	74	19.24	19.26	19.24		
15	64QAM	36	0	19.32	19.37	19.22	20.7	0
15	64QAM	36	20	19.22	19.28	19.15		
15	64QAM	36	39	19.17	19.26	19.15		
15	64QAM	75	0	19.38	19.25	19.25		
15	256QAM	1	0	18.88	19.05	18.81	20.2	0.5
15	256QAM	1	37	18.82	18.95	18.74		
15	256QAM	1	74	18.79	18.82	18.75		
15	256QAM	36	0	18.88	18.88	18.77	20.2	0.5
15	256QAM	36	20	18.76	18.84	18.72		
15	256QAM	36	39	18.64	18.84	18.65		
15	256QAM	75	0	18.77	18.95	18.84		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.47	19.49	19.31	20.7	0
10	QPSK	1	25	19.29	19.45	19.29		
10	QPSK	1	49	19.24	19.37	19.20		
10	QPSK	25	0	19.42	19.46	19.27	20.7	0
10	QPSK	25	12	19.35	19.37	19.18		
10	QPSK	25	25	19.17	19.37	19.15		
10	QPSK	50	0	19.32	19.42	19.29		
10	16QAM	1	0	19.34	19.32	19.25	20.7	0
10	16QAM	1	25	19.19	19.31	19.24		
10	16QAM	1	49	19.23	19.32	19.20		
10	16QAM	25	0	19.36	19.38	19.31	20.7	0
10	16QAM	25	12	19.23	19.36	19.24		
10	16QAM	25	25	19.26	19.36	19.19		
10	16QAM	50	0	19.30	19.35	19.20		
10	64QAM	1	0	19.23	19.28	19.23	20.7	0
10	64QAM	1	25	19.15	19.28	19.03		
10	64QAM	1	49	19.23	19.36	19.20		
10	64QAM	25	0	19.34	19.36	19.21	20.7	0
10	64QAM	25	12	19.24	19.30	19.17		
10	64QAM	25	25	19.19	19.31	19.25		
10	64QAM	50	0	19.29	19.26	19.23		
10	256QAM	1	0	18.89	19.04	18.89	20.2	0.5
10	256QAM	1	25	18.84	18.91	18.80		
10	256QAM	1	49	18.70	18.84	18.75		
10	256QAM	25	0	18.95	18.93	18.69	20.2	0.5
10	256QAM	25	12	18.81	18.80	18.62		
10	256QAM	25	25	18.59	18.82	18.70		
10	256QAM	50	0	18.77	18.90	18.80		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.46	19.47	19.35	20.7	0
5	QPSK	1	12	19.36	19.45	19.35		
5	QPSK	1	24	19.21	19.40	19.22		
5	QPSK	12	0	19.41	19.44	19.25	20.7	0
5	QPSK	12	7	19.29	19.37	19.24		
5	QPSK	12	13	19.20	19.40	19.14		
5	QPSK	25	0	19.27	19.42	19.27		
5	16QAM	1	0	19.33	19.39	19.21	20.7	0
5	16QAM	1	12	19.19	19.31	19.34		
5	16QAM	1	24	19.14	19.30	19.20		
5	16QAM	12	0	19.42	19.38	19.29	20.7	0
5	16QAM	12	7	19.22	19.36	19.26		
5	16QAM	12	13	19.18	19.33	19.21		
5	16QAM	25	0	19.36	19.38	19.30		
5	64QAM	1	0	19.28	19.32	19.15	20.7	0
5	64QAM	1	12	19.07	19.36	19.09		
5	64QAM	1	24	19.21	19.31	19.24		
5	64QAM	12	0	19.29	19.30	19.25	20.7	0
5	64QAM	12	7	19.27	19.23	19.18		
5	64QAM	12	13	19.16	19.34	19.22		
5	64QAM	25	0	19.34	19.35	19.18		
5	256QAM	1	0	18.92	19.04	18.79	20.2	0.5
5	256QAM	1	12	18.75	18.95	18.72		
5	256QAM	1	24	18.77	18.80	18.75		
5	256QAM	12	0	18.90	18.89	18.79	20.2	0.5
5	256QAM	12	7	18.83	18.81	18.72		
5	256QAM	12	13	18.62	18.83	18.70		
5	256QAM	25	0	18.77	18.88	18.77		

Band 7 Ant4 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.97	20.05	19.94	20.7	0
20	QPSK	1	49	19.82	19.90	19.80		
20	QPSK	1	99	19.91	19.91	19.85		
20	QPSK	50	0	19.87	20.02	19.90	20.7	0
20	QPSK	50	24	19.72	19.86	19.77		
20	QPSK	50	50	19.86	19.82	19.71		
20	QPSK	100	0	19.89	19.98	19.88		
20	16QAM	1	0	19.91	19.96	19.86	20.7	0
20	16QAM	1	49	19.78	19.83	19.70		
20	16QAM	1	99	19.85	19.85	19.79		
20	16QAM	50	0	19.84	20.02	19.88	20.7	0
20	16QAM	50	24	19.75	19.80	19.66		
20	16QAM	50	50	19.88	19.80	19.76		
20	16QAM	100	0	19.80	19.99	19.81		
20	64QAM	1	0	19.62	19.78	19.75	20.7	0
20	64QAM	1	49	19.79	19.78	19.68		
20	64QAM	1	99	19.85	19.85	19.79		
20	64QAM	50	0	19.89	19.93	19.90	20.7	0
20	64QAM	50	24	19.74	19.87	19.76		
20	64QAM	50	50	19.88	19.81	19.73		
20	64QAM	100	0	19.76	19.91	19.80		
20	256QAM	1	0	19.93	19.92	19.84	20.7	0
20	256QAM	1	49	19.73	19.82	19.77		
20	256QAM	1	99	19.84	19.87	19.82		
20	256QAM	50	0	19.82	19.89	19.81	20.7	0
20	256QAM	50	24	19.63	19.74	19.66		
20	256QAM	50	50	19.76	19.80	19.58		
20	256QAM	100	0	19.77	19.89	19.80		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.92	20.02	19.83	20.7	0
15	QPSK	1	37	19.74	19.85	19.69		
15	QPSK	1	74	19.89	19.82	19.74		
15	QPSK	36	0	19.82	19.91	19.86	20.7	0
15	QPSK	36	20	19.69	19.72	19.66		
15	QPSK	36	39	19.83	19.75	19.61		
15	QPSK	75	0	19.78	19.87	19.78		
15	16QAM	1	0	19.88	19.93	19.74	20.7	0
15	16QAM	1	37	19.76	19.71	19.60		
15	16QAM	1	74	19.72	19.83	19.70		
15	16QAM	36	0	19.72	19.90	19.76	20.7	0
15	16QAM	36	20	19.73	19.68	19.52		
15	16QAM	36	39	19.84	19.70	19.62		
15	16QAM	75	0	19.75	19.96	19.72		
15	64QAM	1	0	19.57	19.75	19.70	20.7	0
15	64QAM	1	37	19.71	19.65	19.60		
15	64QAM	1	74	19.77	19.76	19.73		
15	64QAM	36	0	19.86	19.91	19.79	20.7	0
15	64QAM	36	20	19.65	19.82	19.62		
15	64QAM	36	39	19.79	19.70	19.66		
15	64QAM	75	0	19.65	19.80	19.75		
15	256QAM	1	0	19.85	19.79	19.81	20.7	0
15	256QAM	1	37	19.68	19.77	19.73		
15	256QAM	1	74	19.78	19.83	19.76		
15	256QAM	36	0	19.79	19.79	19.76	20.7	0
15	256QAM	36	20	19.51	19.62	19.54		
15	256QAM	36	39	19.70	19.76	19.47		
15	256QAM	75	0	19.66	19.78	19.76		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.93	20.01	19.81	20.7	0
10	QPSK	1	25	19.69	19.79	19.68		
10	QPSK	1	49	19.87	19.89	19.75		
10	QPSK	25	0	19.78	19.96	19.77	20.7	0
10	QPSK	25	12	19.67	19.80	19.70		
10	QPSK	25	25	19.75	19.70	19.69		
10	QPSK	50	0	19.85	19.91	19.77		
10	16QAM	1	0	19.82	19.90	19.81	20.7	0
10	16QAM	1	25	19.74	19.74	19.60		
10	16QAM	1	49	19.83	19.73	19.69		
10	16QAM	25	0	19.80	19.91	19.84	20.7	0
10	16QAM	25	12	19.68	19.76	19.57		
10	16QAM	25	25	19.78	19.70	19.68		
10	16QAM	50	0	19.72	19.91	19.75		
10	64QAM	1	0	19.50	19.64	19.63	20.7	0
10	64QAM	1	25	19.70	19.75	19.60		
10	64QAM	1	49	19.83	19.80	19.68		
10	64QAM	25	0	19.76	19.87	19.78	20.7	0
10	64QAM	25	12	19.61	19.79	19.68		
10	64QAM	25	25	19.85	19.78	19.70		
10	64QAM	50	0	19.71	19.85	19.70		
10	256QAM	1	0	19.79	19.87	19.77	20.7	0
10	256QAM	1	25	19.67	19.75	19.73		
10	256QAM	1	49	19.72	19.82	19.76		
10	256QAM	25	0	19.73	19.79	19.73	20.7	0
10	256QAM	25	12	19.55	19.71	19.61		
10	256QAM	25	25	19.64	19.75	19.51		
10	256QAM	50	0	19.73	19.75	19.70		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.91	19.91	19.86	20.7	0
5	QPSK	1	12	19.72	19.83	19.70		
5	QPSK	1	24	19.87	19.79	19.78		
5	QPSK	12	0	19.78	19.92	19.87	20.7	0
5	QPSK	12	7	19.66	19.83	19.72		
5	QPSK	12	13	19.78	19.70	19.63		
5	QPSK	25	0	19.80	19.88	19.81		
5	16QAM	1	0	19.78	19.91	19.78	20.7	0
5	16QAM	1	12	19.66	19.70	19.62		
5	16QAM	1	24	19.81	19.72	19.76		
5	16QAM	12	0	19.71	20.00	19.81	20.7	0
5	16QAM	12	7	19.61	19.75	19.63		
5	16QAM	12	13	19.78	19.66	19.72		
5	16QAM	25	0	19.75	19.97	19.70		
5	64QAM	1	0	19.51	19.66	19.64	20.7	0
5	64QAM	1	12	19.67	19.73	19.62		
5	64QAM	1	24	19.78	19.74	19.67		
5	64QAM	12	0	19.81	19.86	19.81	20.7	0
5	64QAM	12	7	19.67	19.76	19.67		
5	64QAM	12	13	19.85	19.77	19.65		
5	64QAM	25	0	19.65	19.85	19.74		
5	256QAM	1	0	19.89	19.78	19.81	20.7	0
5	256QAM	1	12	19.62	19.68	19.70		
5	256QAM	1	24	19.77	19.76	19.68		
5	256QAM	12	0	19.79	19.85	19.73	20.7	0
5	256QAM	12	7	19.52	19.66	19.61		
5	256QAM	12	13	19.66	19.76	19.55		
5	256QAM	25	0	19.74	19.86	19.74		

Band 7 Ant5 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.65	19.75	19.60		
20	QPSK	1	49	19.54	19.71	19.53	21	0
20	QPSK	1	99	19.64	19.73	19.59		
20	QPSK	50	0	19.62	19.73	19.50		
20	QPSK	50	24	19.43	19.61	19.42	21	0
20	QPSK	50	50	19.55	19.63	19.50		
20	QPSK	100	0	19.53	19.71	19.54		
20	16QAM	1	0	19.55	19.68	19.57		
20	16QAM	1	49	19.51	19.61	19.50	21	0
20	16QAM	1	99	19.62	19.65	19.46		
20	16QAM	50	0	19.63	19.65	19.47		
20	16QAM	50	24	19.47	19.62	19.41	21	0
20	16QAM	50	50	19.61	19.69	19.48		
20	16QAM	100	0	19.51	19.62	19.48		
20	64QAM	1	0	19.38	19.53	19.34		
20	64QAM	1	49	19.51	19.50	19.44	21	0
20	64QAM	1	99	19.45	19.64	19.49		
20	64QAM	50	0	19.15	19.21	19.09		
20	64QAM	50	24	19.00	19.26	19.06	20.5	0.5
20	64QAM	50	50	19.14	19.24	19.08		
20	64QAM	100	0	19.12	19.17	18.99		
20	256QAM	1	0	17.20	17.30	17.12		
20	256QAM	1	49	17.07	17.18	16.97	18.5	2.5
20	256QAM	1	99	17.18	17.20	17.06		
20	256QAM	50	0	17.13	17.21	16.99		
20	256QAM	50	24	16.88	17.12	16.89	18.5	2.5
20	256QAM	50	50	17.05	17.11	16.97		
20	256QAM	100	0	17.00	17.23	17.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.56	19.62	19.46		
15	QPSK	1	37	19.41	19.61	19.47	21	0
15	QPSK	1	74	19.51	19.68	19.51		
15	QPSK	36	0	19.53	19.70	19.40		
15	QPSK	36	20	19.37	19.50	19.38	21	0
15	QPSK	36	39	19.42	19.60	19.48		
15	QPSK	75	0	19.41	19.58	19.46		
15	16QAM	1	0	19.43	19.61	19.45		
15	16QAM	1	37	19.40	19.57	19.39	21	0
15	16QAM	1	74	19.50	19.56	19.34		
15	16QAM	36	0	19.59	19.53	19.33		
15	16QAM	36	20	19.36	19.53	19.27	21	0
15	16QAM	36	39	19.55	19.60	19.37		
15	16QAM	75	0	19.41	19.51	19.40		
15	64QAM	1	0	19.30	19.40	19.24		
15	64QAM	1	37	19.48	19.38	19.42	21	0
15	64QAM	1	74	19.41	19.52	19.46		
15	64QAM	36	0	19.08	19.11	18.97		
15	64QAM	36	20	18.87	19.16	18.99	20.5	0.5
15	64QAM	36	39	19.00	19.14	18.98		
15	64QAM	75	0	19.07	19.10	18.87		
15	256QAM	1	0	17.12	17.19	16.99		
15	256QAM	1	37	17.02	17.06	16.90	18.5	2.5
15	256QAM	1	74	17.08	17.18	17.00		
15	256QAM	36	0	17.02	17.14	16.96		
15	256QAM	36	20	16.82	17.09	16.81	18.5	2.5
15	256QAM	36	39	16.98	17.03	16.89		
15	256QAM	75	0	16.97	17.11	17.00		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.54	19.67	19.51		
10	QPSK	1	25	19.47	19.65	19.43	21	0
10	QPSK	1	49	19.61	19.64	19.52		
10	QPSK	25	0	19.50	19.64	19.40		
10	QPSK	25	12	19.32	19.48	19.34	21	0
10	QPSK	25	25	19.47	19.58	19.41		
10	QPSK	50	0	19.46	19.64	19.46		
10	16QAM	1	0	19.52	19.58	19.47		
10	16QAM	1	25	19.46	19.57	19.38	21	0
10	16QAM	1	49	19.57	19.55	19.40		
10	16QAM	25	0	19.55	19.55	19.42		
10	16QAM	25	12	19.36	19.52	19.34	21	0
10	16QAM	25	25	19.55	19.61	19.34		
10	16QAM	50	0	19.39	19.50	19.37		
10	64QAM	1	0	19.35	19.45	19.25		
10	64QAM	1	25	19.38	19.38	19.37	21	0
10	64QAM	1	49	19.37	19.58	19.42		
10	64QAM	25	0	19.09	19.11	18.98		
10	64QAM	25	12	18.91	19.22	18.94	20.5	0.5
10	64QAM	25	25	19.03	19.20	18.98		
10	64QAM	50	0	19.06	19.12	18.90		
10	256QAM	1	0	17.09	17.17	17.06		
10	256QAM	1	25	17.02	17.15	16.92	18.5	2.5
10	256QAM	1	49	17.14	17.14	16.99		
10	256QAM	25	0	17.09	17.09	16.92		
10	256QAM	25	12	16.77	17.06	16.80	18.5	2.5
10	256QAM	25	25	16.96	16.98	16.91		
10	256QAM	50	0	16.90	17.15	16.99		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.59	19.68	19.52		
5	QPSK	1	12	19.40	19.64	19.50	21	0
5	QPSK	1	24	19.58	19.69	19.50		
5	QPSK	12	0	19.58	19.61	19.47		
5	QPSK	12	7	19.37	19.54	19.40	21	0
5	QPSK	12	13	19.47	19.57	19.44		
5	QPSK	25	0	19.43	19.61	19.51		
5	16QAM	1	0	19.46	19.57	19.51		
5	16QAM	1	12	19.41	19.49	19.44	21	0
5	16QAM	1	24	19.50	19.59	19.43		
5	16QAM	12	0	19.54	19.52	19.40		
5	16QAM	12	7	19.38	19.56	19.33	21	0
5	16QAM	12	13	19.56	19.66	19.42		
5	16QAM	25	0	19.38	19.59	19.44		
5	64QAM	1	0	19.32	19.40	19.30		
5	64QAM	1	12	19.42	19.37	19.35	21	0
5	64QAM	1	24	19.32	19.54	19.41		
5	64QAM	12	0	19.09	19.11	19.02		
5	64QAM	12	7	18.97	19.19	18.97	20.5	0.5
5	64QAM	12	13	19.11	19.20	18.97		
5	64QAM	25	0	19.09	19.13	18.96		
5	256QAM	1	0	17.07	17.24	17.02		
5	256QAM	1	12	17.01	17.11	16.83	18.5	2.5
5	256QAM	1	24	17.13	17.12	17.04		
5	256QAM	12	0	17.02	17.09	16.95		
5	256QAM	12	7	16.85	17.00	16.75	18.5	2.5
5	256QAM	12	13	16.93	17.01	16.90		
5	256QAM	25	0	16.86	17.16	17.01		

Band 38 Ant2 ECI3

BW [MHz]	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	22.32	22.39	22.21	23.5	0
20	QPSK	1	49	22.25	22.34	22.21		
20	QPSK	1	99	22.33	22.38	22.20		
20	QPSK	50	0	22.32	22.35	22.22	23.5	0
20	QPSK	50	24	22.33	22.31	22.18		
20	QPSK	50	50	22.30	22.27	22.23		
20	QPSK	100	0	22.24	22.35	22.17		
20	16QAM	1	0	22.23	22.32	22.20	23.5	0
20	16QAM	1	49	22.28	22.37	22.22		
20	16QAM	1	99	22.31	22.30	22.16		
20	16QAM	50	0	22.34	22.27	22.15	23.5	0
20	16QAM	50	24	22.26	22.33	22.26		
20	16QAM	50	50	22.26	22.38	22.22		
20	16QAM	100	0	22.29	22.34	22.16		
20	64QAM	1	0	22.31	22.32	22.25	23.5	0
20	64QAM	1	49	22.30	22.36	22.18		
20	64QAM	1	99	22.23	22.35	22.26		
20	64QAM	50	0	21.31	21.26	21.22	22.5	1
20	64QAM	50	24	21.28	21.33	21.23		
20	64QAM	50	50	21.37	21.26	21.21		
20	64QAM	100	0	21.33	21.27	21.16		
20	256QAM	1	0	19.37	19.23	19.18	20.5	3
20	256QAM	1	49	19.27	19.30	19.16		
20	256QAM	1	99	19.36	19.34	19.27		
20	256QAM	50	0	19.37	19.33	19.23	20.5	3
20	256QAM	50	24	19.37	19.27	19.25		
20	256QAM	50	50	19.28	19.32	19.20		
20	256QAM	100	0	19.33	19.27	19.25		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.17	22.13	22.06	23.5	0
15	QPSK	1	37	22.16	22.22	22.13		
15	QPSK	1	74	22.21	22.33	22.05		
15	QPSK	36	0	22.25	22.23	22.07	23.5	0
15	QPSK	36	20	22.29	22.21	22.13		
15	QPSK	36	39	22.23	22.22	22.08		
15	QPSK	75	0	22.12	22.29	22.01		
15	16QAM	1	0	22.15	22.19	22.14	23.5	0
15	16QAM	1	37	22.23	22.22	22.08		
15	16QAM	1	74	22.17	22.21	22.09		
15	16QAM	36	0	22.28	22.14	22.10	23.5	0
15	16QAM	36	20	22.16	22.24	22.10		
15	16QAM	36	39	22.12	22.33	22.10		
15	16QAM	75	0	22.23	22.19	22.01		
15	64QAM	1	0	22.16	22.21	22.09	23.5	0
15	64QAM	1	37	22.24	22.26	22.11		
15	64QAM	1	74	22.17	22.24	22.22		
15	64QAM	36	0	21.16	21.18	21.11	22.5	1
15	64QAM	36	20	21.12	21.21	21.17		
15	64QAM	36	39	21.31	21.14	21.14		
15	64QAM	75	0	21.24	21.20	21.01		
15	256QAM	1	0	19.25	19.12	19.03	20.5	3
15	256QAM	1	37	19.17	19.21	19.04		
15	256QAM	1	74	19.32	19.29	19.20		
15	256QAM	36	0	19.33	19.20	19.17	20.5	3
15	256QAM	36	20	19.26	19.20	19.14		
15	256QAM	36	39	19.13	19.21	19.06		
15	256QAM	75	0	19.19	19.13	19.12		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.23	22.13	22.12	23.5	0
10	QPSK	1	25	22.16	22.20	22.10		
10	QPSK	1	49	22.27	22.31	22.09		
10	QPSK	25	0	22.22	22.29	22.17	23.5	0
10	QPSK	25	12	22.29	22.19	22.12		
10	QPSK	25	25	22.17	22.12	22.19		
10	QPSK	50	0	22.12	22.31	22.04		
10	16QAM	1	0	22.11	22.18	22.04	23.5	0
10	16QAM	1	25	22.16	22.30	22.08		
10	16QAM	1	49	22.15	22.18	22.11		
10	16QAM	25	0	22.30	22.19	22.02	23.5	0
10	16QAM	25	12	22.15	22.22	22.17		
10	16QAM	25	25	22.14	22.32	22.17		
10	16QAM	50	0	22.19	22.21	22.08		
10	64QAM	1	0	22.22	22.23	22.21	23.5	0
10	64QAM	1	25	22.18	22.26	22.04		
10	64QAM	1	49	22.09	22.24	22.14		
10	64QAM	25	0	21.27	21.21	21.07	22.5	1
10	64QAM	25	12	21.18	21.18	21.14		
10	64QAM	25	25	21.30	21.20	21.11		
10	64QAM	50	0	21.24	21.22	21.07		
10	256QAM	1	0	19.22	19.16	19.07	20.5	3
10	256QAM	1	25	19.13	19.24	19.09		
10	256QAM	1	49	19.25	19.21	19.19		
10	256QAM	25	0	19.25	19.19	19.08	20.5	3
10	256QAM	25	12	19.30	19.17	19.15		
10	256QAM	25	25	19.20	19.16	19.15		
10	256QAM	50	0	19.25	19.14	19.21		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.20	22.16	22.15	23.5	0
5	QPSK	1	12	22.17	22.18	22.11		
5	QPSK	1	24	22.17	22.28	22.15		
5	QPSK	12	0	22.20	22.28	22.12	23.5	0
5	QPSK	12	7	22.28	22.23	22.04		
5	QPSK	12	13	22.17	22.14	22.18		
5	QPSK	25	0	22.18	22.20	22.11		
5	16QAM	1	0	22.10	22.24	22.15	23.5	0
5	16QAM	1	12	22.15	22.22	22.18		
5	16QAM	1	24	22.19	22.23	22.00		
5	16QAM	12	0	22.26	22.12	22.04	23.5	0
5	16QAM	12	7	22.16	22.19	22.12		
5	16QAM	12	13	22.16	22.28	22.17		
5	16QAM	25	0	22.18	22.23	22.07		
5	64QAM	1	0	22.17	22.22	22.20	23.5	0
5	64QAM	1	12	22.24	22.25	22.06		
5	64QAM	1	24	22.15	22.26	22.13		
5	64QAM	12	0	21.26	21.13	21.13	22.5	1
5	64QAM	12	7	21.14	21.28	21.17		
5	64QAM	12	13	21.31	21.14	21.12		
5	64QAM	25	0	21.28	21.14	21.03		
5	256QAM	1	0	19.29	19.13	19.05	20.5	3
5	256QAM	1	12	19.19	19.15	19.11		
5	256QAM	1	24	19.25	19.26	19.12		
5	256QAM	12	0	19.26	19.27	19.17	20.5	3
5	256QAM	12	7	19.28	19.20	19.11		
5	256QAM	12	13	19.14	19.17	19.08		
5	256QAM	25	0	19.17	19.19	19.17		

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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	22.38	22.48	22.65	22.51	22.54	23.5	0
20	QPSK	1	49	22.37	22.53	22.52	22.42	22.50		
20	QPSK	1	99	22.40	22.46	22.56	22.39	22.55		
20	QPSK	50	0	22.41	22.50	22.63	22.45	22.55	23.5	0
20	QPSK	50	24	22.39	22.48	22.56	22.47	22.55		
20	QPSK	50	50	22.38	22.49	22.50	22.45	22.47		
20	QPSK	100	0	22.39	22.51	22.52	22.41	22.51		
20	16QAM	1	0	22.40	22.51	22.55	22.43	22.53	23.5	0
20	16QAM	1	49	22.37	22.48	22.51	22.41	22.56		
20	16QAM	1	99	22.45	22.53	22.54	22.45	22.52		
20	16QAM	50	0	22.45	22.45	22.51	22.42	22.59	23.5	0
20	16QAM	50	24	22.38	22.51	22.50	22.42	22.48		
20	16QAM	50	50	22.38	22.42	22.55	22.46	22.52		
20	16QAM	100	0	22.40	22.46	22.60	22.44	22.49		
20	64QAM	1	0	22.42	22.51	22.53	22.50	22.55	23.5	0
20	64QAM	1	49	22.37	22.47	22.54	22.49	22.56		
20	64QAM	1	99	22.38	22.44	22.56	22.43	22.51		
20	64QAM	50	0	21.40	21.53	21.57	21.56	21.58	22.5	1
20	64QAM	50	24	21.39	21.47	21.55	21.49	21.55		
20	64QAM	50	50	21.40	21.50	21.58	21.48	21.60		
20	64QAM	100	0	21.38	21.46	21.59	21.56	21.54		
20	256QAM	1	0	19.42	19.43	19.55	19.55	19.57	20.5	3
20	256QAM	1	49	19.43	19.44	19.65	19.46	19.59		
20	256QAM	1	99	19.34	19.42	19.55	19.52	19.59		
20	256QAM	50	0	19.39	19.47	19.58	19.46	19.56	20.5	3
20	256QAM	50	24	19.39	19.49	19.58	19.50	19.53		
20	256QAM	50	50	19.42	19.45	19.54	19.53	19.57		
20	256QAM	100	0	19.38	19.51	19.55	19.48	19.52		
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	22.34	22.41	22.55	22.39	22.48	23.5	0
15	QPSK	1	37	22.29	22.44	22.40	22.33	22.41		
15	QPSK	1	74	22.29	22.30	22.42	22.30	22.44		
15	QPSK	36	0	22.33	22.38	22.49	22.31	22.50	23.5	0
15	QPSK	36	20	22.35	22.32	22.50	22.43	22.43		
15	QPSK	36	39	22.30	22.38	22.38	22.35	22.39		
15	QPSK	75	0	22.34	22.47	22.45	22.29	22.35		
15	16QAM	1	0	22.29	22.41	22.47	22.31	22.48	23.5	0
15	16QAM	1	37	22.23	22.40	22.39	22.31	22.49		
15	16QAM	1	74	22.34	22.44	22.49	22.39	22.36		
15	16QAM	36	0	22.40	22.33	22.38	22.36	22.51	23.5	0
15	16QAM	36	20	22.24	22.38	22.45	22.30	22.34		
15	16QAM	36	39	22.23	22.28	22.49	22.41	22.38		
15	16QAM	75	0	22.29	22.36	22.47	22.36	22.44		
15	64QAM	1	0	22.33	22.37	22.42	22.35	22.48	23.5	0
15	64QAM	1	37	22.29	22.32	22.40	22.35	22.50		
15	64QAM	1	74	22.26	22.40	22.51	22.29	22.44		
15	64QAM	36	0	21.30	21.47	21.52	21.51	21.46	22.5	1
15	64QAM	36	20	21.34	21.35	21.40	21.41	21.46		
15	64QAM	36	39	21.31	21.42	21.52	21.41	21.47		
15	64QAM	75	0	21.33	21.38	21.50	21.44	21.42		
15	256QAM	1	0	19.31	19.38	19.45	19.51	19.47	20.5	3
15	256QAM	1	37	19.30	19.32	19.54	19.32	19.54		
15	256QAM	1	74	19.30	19.27	19.44	19.36	19.47		
15	256QAM	36	0	19.32	19.41	19.43	19.39	19.41	20.5	3
15	256QAM	36	20	19.33	19.40	19.42	19.36	19.40		
15	256QAM	36	39	19.31	19.33	19.39	19.41	19.49		
15	256QAM	75	0	19.23	19.40	19.51	19.40	19.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.33	22.36	22.54	22.38	22.45	23.5	0
10	QPSK	1	25	22.23	22.48	22.38	22.28	22.39		
10	QPSK	1	49	22.30	22.31	22.42	22.33	22.42		
10	QPSK	25	0	22.34	22.37	22.53	22.36	22.43	23.5	0
10	QPSK	25	12	22.29	22.42	22.49	22.41	22.40		
10	QPSK	25	25	22.22	22.41	22.44	22.30	22.39		
10	QPSK	50	0	22.27	22.42	22.37	22.26	22.37		
10	16QAM	1	0	22.29	22.39	22.40	22.29	22.42	23.5	0
10	16QAM	1	25	22.22	22.34	22.43	22.30	22.48		
10	16QAM	1	49	22.40	22.41	22.49	22.39	22.43		
10	16QAM	25	0	22.36	22.38	22.42	22.27	22.53	23.5	0
10	16QAM	25	12	22.32	22.37	22.37	22.32	22.39		
10	16QAM	25	25	22.27	22.37	22.42	22.32	22.39		
10	16QAM	50	0	22.35	22.38	22.54	22.30	22.40		
10	64QAM	1	0	22.33	22.37	22.42	22.45	22.50	23.5	0
10	64QAM	1	25	22.27	22.36	22.41	22.37	22.49		
10	64QAM	1	49	22.31	22.32	22.46	22.29	22.44		
10	64QAM	25	0	21.32	21.44	21.47	21.43	21.47	22.5	1
10	64QAM	25	12	21.30	21.42	21.50	21.43	21.40		
10	64QAM	25	25	21.25	21.38	21.52	21.39	21.54		
10	64QAM	50	0	21.26	21.40	21.54	21.45	21.44		
10	256QAM	1	0	19.35	19.34	19.39	19.48	19.51	20.5	3
10	256QAM	1	25	19.36	19.29	19.51	19.33	19.45		
10	256QAM	1	49	19.30	19.32	19.50	19.39	19.49		
10	256QAM	25	0	19.34	19.38	19.43	19.34	19.51	20.5	3
10	256QAM	25	12	19.33	19.34	19.50	19.37	19.40		
10	256QAM	25	25	19.32	19.38	19.42	19.44	19.51		
10	256QAM	50	0	19.26	19.45	19.39	19.38	19.39		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.33	22.41	22.55	22.40	22.40	23.5	0
5	QPSK	1	12	22.22	22.43	22.43	22.27	22.37		
5	QPSK	1	24	22.35	22.37	22.49	22.24	22.47		
5	QPSK	12	0	22.29	22.36	22.52	22.31	22.41	23.5	0
5	QPSK	12	7	22.28	22.40	22.43	22.37	22.46		
5	QPSK	12	13	22.28	22.33	22.35	22.31	22.34		
5	QPSK	25	0	22.28	22.46	22.39	22.34	22.42		
5	16QAM	1	0	22.34	22.43	22.49	22.37	22.48	23.5	0
5	16QAM	1	12	22.24	22.32	22.39	22.30	22.42		
5	16QAM	1	24	22.34	22.37	22.49	22.30	22.39		
5	16QAM	12	0	22.35	22.40	22.42	22.30	22.54	23.5	0
5	16QAM	12	7	22.27	22.46	22.46	22.27	22.36		
5	16QAM	12	13	22.30	22.37	22.47	22.38	22.39		
5	16QAM	25	0	22.32	22.38	22.53	22.37	22.37		
5	64QAM	1	0	22.31	22.35	22.43	22.41	22.41	23.5	0
5	64QAM	1	12	22.31	22.36	22.40	22.39	22.43		
5	64QAM	1	24	22.32	22.36	22.47	22.29	22.40		
5	64QAM	12	0	21.24	21.43	21.43	21.42	21.43	22.5	1
5	64QAM	12	7	21.23	21.37	21.41	21.37	21.46		
5	64QAM	12	13	21.30	21.45	21.43	21.32	21.54		
5	64QAM	25	0	21.29	21.42	21.49	21.45	21.42		
5	256QAM	1	0	19.36	19.36	19.46	19.47	19.41	20.5	3
5	256QAM	1	12	19.32	19.32	19.53	19.40	19.48		
5	256QAM	1	24	19.27	19.28	19.39	19.36	19.47		
5	256QAM	12	0	19.29	19.36	19.51	19.38	19.51	20.5	3
5	256QAM	12	7	19.23	19.34	19.44	19.39	19.37		
5	256QAM	12	13	19.28	19.32	19.49	19.48	19.49		
5	256QAM	25	0	19.22	19.36	19.41	19.43	19.47		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.68	20.75	20.73	22.2	0
20	QPSK	1	49	20.70	20.69	20.72		
20	QPSK	1	99	20.70	20.71	20.69		
20	QPSK	50	0	20.76	20.69	20.63	22.2	0
20	QPSK	50	24	20.73	20.76	20.69		
20	QPSK	50	50	20.68	20.71	20.71		
20	QPSK	100	0	20.69	20.68	20.74		
20	16QAM	1	0	20.75	20.73	20.69	22.2	0
20	16QAM	1	49	20.71	20.67	20.66		
20	16QAM	1	99	20.73	20.72	20.69		
20	16QAM	50	0	20.68	20.72	20.62	22.2	0
20	16QAM	50	24	20.76	20.74	20.68		
20	16QAM	50	50	20.74	20.72	20.64		
20	16QAM	100	0	20.73	20.66	20.70		
20	64QAM	1	0	20.67	20.73	20.63	22.2	0
20	64QAM	1	49	20.67	20.78	20.66		
20	64QAM	1	99	20.72	20.70	20.73		
20	64QAM	50	0	20.73	20.72	20.73	22.2	0
20	64QAM	50	24	20.69	20.75	20.73		
20	64QAM	50	50	20.71	20.71	20.67		
20	64QAM	100	0	20.65	20.67	20.72		
20	256QAM	1	0	18.63	18.73	18.70	20.2	2
20	256QAM	1	49	18.72	18.72	18.69		
20	256QAM	1	99	18.74	18.73	18.69		
20	256QAM	50	0	18.63	18.71	18.75	20.2	2
20	256QAM	50	24	18.64	18.72	18.74		
20	256QAM	50	50	18.68	18.79	18.74		
20	256QAM	100	0	18.72	18.72	18.69		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.55	20.60	20.63	22.2	0
15	QPSK	1	37	20.63	20.60	20.57		
15	QPSK	1	74	20.64	20.58	20.58		
15	QPSK	36	0	20.67	20.56	20.49	22.2	0
15	QPSK	36	20	20.68	20.69	20.54		
15	QPSK	36	39	20.57	20.64	20.56		
15	QPSK	75	0	20.58	20.55	20.68		
15	16QAM	1	0	20.66	20.58	20.53	22.2	0
15	16QAM	1	37	20.61	20.61	20.55		
15	16QAM	1	74	20.61	20.64	20.57		
15	16QAM	36	0	20.61	20.65	20.57	22.2	0
15	16QAM	36	20	20.65	20.60	20.57		
15	16QAM	36	39	20.59	20.61	20.49		
15	16QAM	75	0	20.61	20.61	20.55		
15	64QAM	1	0	20.61	20.57	20.48	22.2	0
15	64QAM	1	37	20.53	20.71	20.59		
15	64QAM	1	74	20.65	20.54	20.68		
15	64QAM	36	0	20.67	20.67	20.61	22.2	0
15	64QAM	36	20	20.64	20.61	20.63		
15	64QAM	36	39	20.67	20.56	20.56		
15	64QAM	75	0	20.60	20.62	20.62		
15	256QAM	1	0	18.52	18.61	18.55	20.2	2
15	256QAM	1	37	18.64	18.58	18.57		
15	256QAM	1	74	18.61	18.64	18.64		
15	256QAM	36	0	18.52	18.61	18.71	20.2	2
15	256QAM	36	20	18.53	18.56	18.65		
15	256QAM	36	39	18.55	18.65	18.59		
15	256QAM	75	0	18.62	18.59	18.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.57	20.70	20.69	22.2	0
10	QPSK	1	25	20.62	20.62	20.59		
10	QPSK	1	49	20.59	20.61	20.59		
10	QPSK	25	0	20.62	20.63	20.58	22.2	0
10	QPSK	25	12	20.60	20.69	20.58		
10	QPSK	25	25	20.59	20.63	20.62		
10	QPSK	50	0	20.57	20.61	20.66		
10	16QAM	1	0	20.63	20.62	20.63	22.2	0
10	16QAM	1	25	20.63	20.57	20.59		
10	16QAM	1	49	20.68	20.65	20.58		
10	16QAM	25	0	20.56	20.61	20.54	22.2	0
10	16QAM	25	12	20.71	20.61	20.63		
10	16QAM	25	25	20.67	20.64	20.51		
10	16QAM	50	0	20.61	20.51	20.61		
10	64QAM	1	0	20.51	20.57	20.48	22.2	0
10	64QAM	1	25	20.56	20.64	20.57		
10	64QAM	1	49	20.65	20.55	20.57		
10	64QAM	25	0	20.57	20.65	20.62	22.2	0
10	64QAM	25	12	20.54	20.60	20.62		
10	64QAM	25	25	20.56	20.65	20.54		
10	64QAM	50	0	20.50	20.56	20.57		
10	256QAM	1	0	18.59	18.67	18.54	20.2	2
10	256QAM	1	25	18.62	18.62	18.61		
10	256QAM	1	49	18.62	18.64	18.53		
10	256QAM	25	0	18.51	18.61	18.64	20.2	2
10	256QAM	25	12	18.52	18.68	18.68		
10	256QAM	25	25	18.52	18.71	18.65		
10	256QAM	50	0	18.65	18.65	18.64		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.56	20.68	20.57	22.2	0
5	QPSK	1	12	20.59	20.55	20.66		
5	QPSK	1	24	20.57	20.56	20.61		
5	QPSK	12	0	20.67	20.54	20.52	22.2	0
5	QPSK	12	7	20.58	20.72	20.65		
5	QPSK	12	13	20.59	20.63	20.62		
5	QPSK	25	0	20.64	20.59	20.67		
5	16QAM	1	0	20.66	20.58	20.62	22.2	0
5	16QAM	1	12	20.62	20.53	20.54		
5	16QAM	1	24	20.59	20.59	20.62		
5	16QAM	12	0	20.52	20.61	20.51	22.2	0
5	16QAM	12	7	20.65	20.61	20.57		
5	16QAM	12	13	20.61	20.65	20.51		
5	16QAM	25	0	20.63	20.60	20.63		
5	64QAM	1	0	20.53	20.62	20.56	22.2	0
5	64QAM	1	12	20.56	20.71	20.56		
5	64QAM	1	24	20.57	20.65	20.59		
5	64QAM	12	0	20.64	20.61	20.66	22.2	0
5	64QAM	12	7	20.54	20.65	20.62		
5	64QAM	12	13	20.63	20.56	20.54		
5	64QAM	25	0	20.53	20.53	20.63		
5	256QAM	1	0	18.50	18.64	18.58	20.2	2
5	256QAM	1	12	18.57	18.67	18.63		
5	256QAM	1	24	18.63	18.65	18.60		
5	256QAM	12	0	18.53	18.64	18.67	20.2	2
5	256QAM	12	7	18.50	18.57	18.60		
5	256QAM	12	13	18.58	18.68	18.64		
5	256QAM	25	0	18.65	18.56	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	20.35	20.51	20.62	20.46	20.52	22.2	0
20	QPSK	1	49	20.32	20.47	20.52	20.33	20.43		
20	QPSK	1	99	20.33	20.42	20.49	20.30	20.53		
20	QPSK	50	0	20.22	20.38	20.58	20.34	20.39	22.2	0
20	QPSK	50	24	20.26	20.39	20.49	20.20	20.36		
20	QPSK	50	50	20.24	20.28	20.47	20.18	20.46		
20	QPSK	100	0	20.32	20.43	20.56	20.44	20.41		
20	16QAM	1	0	20.31	20.39	20.55	20.36	20.46	22.2	0
20	16QAM	1	49	20.21	20.38	20.41	20.29	20.36		
20	16QAM	1	99	20.23	20.37	20.36	20.21	20.46		
20	16QAM	50	0	20.30	20.42	20.56	20.41	20.40	22.2	0
20	16QAM	50	24	20.27	20.35	20.50	20.27	20.35		
20	16QAM	50	50	20.22	20.33	20.46	20.21	20.47		
20	16QAM	100	0	20.18	20.31	20.54	20.27	20.33		
20	64QAM	1	0	20.13	20.29	20.39	20.10	20.24	22.2	0
20	64QAM	1	49	20.13	20.25	20.43	20.08	20.42		
20	64QAM	1	99	20.29	20.35	20.45	20.36	20.32		
20	64QAM	50	0	20.24	20.43	20.51	20.39	20.46	22.2	0
20	64QAM	50	24	20.20	20.44	20.47	20.35	20.46		
20	64QAM	50	50	20.25	20.40	20.57	20.39	20.40		
20	64QAM	100	0	20.27	20.40	20.47	20.34	20.46		
20	256QAM	1	0	18.90	18.96	19.11	19.02	18.97	20.7	1.5
20	256QAM	1	49	18.80	19.01	19.13	18.98	18.97		
20	256QAM	1	99	18.85	18.98	19.07	18.97	18.99		
20	256QAM	50	0	18.88	19.00	19.14	18.97	19.05	20.7	1.5
20	256QAM	50	24	18.90	18.96	19.07	18.96	19.02		
20	256QAM	50	50	18.80	18.96	19.09	18.91	19.07		
20	256QAM	100	0	18.80	18.99	19.09	18.95	19.02		
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	20.20	20.44	20.48	20.38	20.47	22.20	0
15	QPSK	1	37	20.26	20.31	20.36	20.29	20.31		
15	QPSK	1	74	20.17	20.27	20.36	20.21	20.39		
15	QPSK	36	0	20.09	20.30	20.47	20.27	20.33	22.2	0
15	QPSK	36	20	20.15	20.30	20.42	20.15	20.25		
15	QPSK	36	39	20.14	20.21	20.35	20.04	20.39		
15	QPSK	75	0	20.19	20.31	20.40	20.34	20.31		
15	16QAM	1	0	20.23	20.30	20.50	20.21	20.31	22.2	0
15	16QAM	1	37	20.10	20.29	20.28	20.20	20.24		
15	16QAM	1	74	20.11	20.31	20.32	20.15	20.35		
15	16QAM	36	0	20.22	20.29	20.43	20.35	20.30	22.2	0
15	16QAM	36	20	20.22	20.27	20.37	20.19	20.24		
15	16QAM	36	39	20.11	20.23	20.36	20.14	20.37		
15	16QAM	75	0	20.13	20.22	20.39	20.19	20.24		
15	64QAM	1	0	20.00	20.20	20.31	20.03	20.14	22.2	0
15	64QAM	1	37	19.97	20.14	20.33	19.99	20.36		
15	64QAM	1	74	20.21	20.26	20.35	20.28	20.23		
15	64QAM	36	0	20.16	20.34	20.37	20.29	20.41	22.2	0
15	64QAM	36	20	20.09	20.32	20.41	20.21	20.41		
15	64QAM	36	39	20.19	20.36	20.51	20.31	20.32		
15	64QAM	75	0	20.20	20.31	20.33	20.23	20.41		
15	256QAM	1	0	18.79	18.81	19.01	18.88	18.84	20.7	1.5
15	256QAM	1	37	18.76	18.86	19.07	18.83	18.90		
15	256QAM	1	74	18.78	18.90	19.00	18.82	18.93		
15	256QAM	36	0	18.83	18.92	19.07	18.82	18.95	20.7	1.5
15	256QAM	36	20	18.84	18.87	19.01	18.88	18.94		
15	256QAM	36	39	18.73	18.88	18.96	18.77	18.92		
15	256QAM	75	0	18.66	18.93	19.01	18.87	18.93		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.28	20.36	20.52	20.42	20.39	22.20	0
10	QPSK	1	25	20.21	20.33	20.46	20.22	20.31		
10	QPSK	1	49	20.23	20.33	20.41	20.15	20.45		
10	QPSK	25	0	20.15	20.33	20.46	20.28	20.24	22.2	0
10	QPSK	25	12	20.19	20.27	20.35	20.06	20.21		
10	QPSK	25	25	20.18	20.13	20.32	20.04	20.38		
10	QPSK	50	0	20.28	20.31	20.45	20.35	20.27		
10	16QAM	1	0	20.20	20.28	20.48	20.29	20.41	22.2	0
10	16QAM	1	25	20.07	20.33	20.37	20.19	20.28		
10	16QAM	1	49	20.17	20.23	20.28	20.09	20.32		
10	16QAM	25	0	20.18	20.32	20.45	20.33	20.31	22.2	0
10	16QAM	25	12	20.19	20.20	20.42	20.16	20.19		
10	16QAM	25	25	20.10	20.27	20.30	20.14	20.36		
10	16QAM	50	0	20.06	20.21	20.47	20.12	20.28		
10	64QAM	1	0	20.05	20.22	20.34	20.05	20.11	22.2	0
10	64QAM	1	25	20.04	20.16	20.29	20.00	20.33		
10	64QAM	1	49	20.18	20.22	20.33	20.24	20.21		
10	64QAM	25	0	20.19	20.38	20.35	20.35	20.37	22.2	0
10	64QAM	25	12	20.07	20.35	20.40	20.22	20.41		
10	64QAM	25	25	20.18	20.35	20.52	20.26	20.32		
10	64QAM	50	0	20.14	20.26	20.33	20.21	20.31		
10	256QAM	1	0	18.79	18.86	19.04	18.93	18.92	20.7	1.5
10	256QAM	1	25	18.75	18.87	19.08	18.85	18.92		
10	256QAM	1	49	18.77	18.82	19.03	18.83	18.93		
10	256QAM	25	0	18.81	18.94	19.03	18.82	18.90	20.7	1.5
10	256QAM	25	12	18.76	18.85	19.01	18.84	18.91		
10	256QAM	25	25	18.75	18.80	19.00	18.77	18.96		
10	256QAM	50	0	18.70	18.89	18.99	18.90	18.91		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.24	20.39	20.52	20.35	20.42	22.20	0
5	QPSK	1	12	20.24	20.38	20.37	20.25	20.28		
5	QPSK	1	24	20.28	20.31	20.44	20.15	20.43		
5	QPSK	12	0	20.10	20.33	20.47	20.28	20.35	22.2	0
5	QPSK	12	7	20.12	20.32	20.41	20.11	20.24		
5	QPSK	12	13	20.15	20.15	20.39	20.10	20.42		
5	QPSK	25	0	20.24	20.37	20.44	20.38	20.29		
5	16QAM	1	0	20.17	20.34	20.42	20.23	20.41	22.2	0
5	16QAM	1	12	20.07	20.28	20.27	20.22	20.22		
5	16QAM	1	24	20.08	20.25	20.30	20.06	20.40		
5	16QAM	12	0	20.14	20.36	20.52	20.30	20.27	22.2	0
5	16QAM	12	7	20.15	20.21	20.38	20.12	20.22		
5	16QAM	12	13	20.15	20.23	20.34	20.12	20.37		
5	16QAM	25	0	20.13	20.16	20.47	20.15	20.24		
5	64QAM	1	0	20.02	20.22	20.33	20.02	20.14	22.2	0
5	64QAM	1	12	20.01	20.19	20.37	19.95	20.32		
5	64QAM	1	24	20.23	20.22	20.35	20.31	20.21		
5	64QAM	12	0	20.13	20.36	20.47	20.23	20.37	22.2	0
5	64QAM	12	7	20.05	20.35	20.36	20.25	20.31		
5	64QAM	12	13	20.19	20.32	20.49	20.29	20.30		
5	64QAM	25	0	20.15	20.25	20.34	20.25	20.37		
5	256QAM	1	0	18.79	18.86	19.05	18.89	18.85	20.7	1.5
5	256QAM	1	12	18.69	18.96	19.03	18.87	18.84		
5	256QAM	1	24	18.73	18.93	18.93	18.85	18.90		
5	256QAM	12	0	18.74	18.91	19.08	18.87	18.92	20.7	1.5
5	256QAM	12	7	18.82	18.89	18.94	18.88	18.95		
5	256QAM	12	13	18.75	18.85	19.01	18.80	18.99		
5	256QAM	25	0	18.72	18.92	18.94	18.90	18.97		

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BW [MHz]	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	21.30	21.38	21.30	22.2	0
20	QPSK	1	49	21.27	21.22	21.29		
20	QPSK	1	99	21.13	21.35	21.12		
20	QPSK	50	0	21.16	21.35	21.30	22.2	0
20	QPSK	50	24	21.16	21.09	21.21		
20	QPSK	50	50	21.06	21.24	21.14		
20	QPSK	100	0	21.21	21.28	21.26		
20	16QAM	1	0	21.16	21.23	21.27	22.2	0
20	16QAM	1	49	21.16	21.22	21.25		
20	16QAM	1	99	21.16	21.20	21.07		
20	16QAM	50	0	21.19	21.19	21.15	22.2	0
20	16QAM	50	24	21.10	21.19	21.26		
20	16QAM	50	50	21.05	21.27	21.08		
20	16QAM	100	0	21.02	21.25	21.10		
20	64QAM	1	0	21.13	21.12	21.05	22.2	0
20	64QAM	1	49	20.94	21.12	21.02		
20	64QAM	1	99	21.05	21.24	21.08		
20	64QAM	50	0	21.11	21.28	21.24	22.2	0
20	64QAM	50	24	21.11	21.17	21.17		
20	64QAM	50	50	21.12	21.20	21.07		
20	64QAM	100	0	21.13	21.21	21.19		
20	256QAM	1	0	19.25	19.30	19.31	20.7	1.5
20	256QAM	1	49	19.21	19.31	19.36		
20	256QAM	1	99	19.25	19.30	19.11		
20	256QAM	50	0	19.23	19.34	19.36	20.7	1.5
20	256QAM	50	24	19.16	19.15	19.13		
20	256QAM	50	50	19.10	19.27	19.09		
20	256QAM	100	0	19.20	19.28	19.24		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.21	21.26	21.22	22.2	0
15	QPSK	1	37	21.22	21.13	21.18		
15	QPSK	1	74	21.05	21.23	21.00		
15	QPSK	36	0	21.05	21.19	21.21	22.2	0
15	QPSK	36	20	21.11	20.94	21.12		
15	QPSK	36	39	20.96	21.16	21.06		
15	QPSK	75	0	21.15	21.21	21.21		
15	16QAM	1	0	21.03	21.10	21.12	22.2	0
15	16QAM	1	37	21.10	21.07	21.09		
15	16QAM	1	74	21.03	21.13	20.96		
15	16QAM	36	0	21.09	21.08	21.10	22.2	0
15	16QAM	36	20	21.05	21.05	21.21		
15	16QAM	36	39	20.94	21.17	21.00		
15	16QAM	75	0	20.94	21.18	20.99		
15	64QAM	1	0	20.99	20.99	20.99	22.2	0
15	64QAM	1	37	20.89	20.98	20.97		
15	64QAM	1	74	20.91	21.16	20.94		
15	64QAM	36	0	20.97	21.16	21.10	22.2	0
15	64QAM	36	20	20.97	21.04	21.10		
15	64QAM	36	39	21.00	21.04	21.03		
15	64QAM	75	0	20.98	21.16	21.15		
15	256QAM	1	0	19.17	19.20	19.25	20.7	1.5
15	256QAM	1	37	19.08	19.27	19.22		
15	256QAM	1	74	19.11	19.25	19.03		
15	256QAM	36	0	19.16	19.27	19.26	20.7	1.5
15	256QAM	36	20	19.04	19.03	18.99		
15	256QAM	36	39	18.97	19.22	19.01		
15	256QAM	75	0	19.13	19.17	19.09		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.23	21.26	21.20	22.2	0
10	QPSK	1	25	21.21	21.13	21.22		
10	QPSK	1	49	21.00	21.31	21.05		
10	QPSK	25	0	21.03	21.23	21.26	22.2	0
10	QPSK	25	12	21.05	21.00	21.11		
10	QPSK	25	25	20.93	21.09	21.09		
10	QPSK	50	0	21.05	21.21	21.16		
10	16QAM	1	0	21.11	21.11	21.11	22.2	0
10	16QAM	1	25	21.04	21.11	21.12		
10	16QAM	1	49	21.04	21.08	21.00		
10	16QAM	25	0	21.10	21.12	21.10	22.2	0
10	16QAM	25	12	21.06	21.10	21.22		
10	16QAM	25	25	20.95	21.12	20.99		
10	16QAM	50	0	20.88	21.14	20.97		
10	64QAM	1	0	21.07	21.01	20.94	22.2	0
10	64QAM	1	25	20.87	21.00	20.92		
10	64QAM	1	49	20.93	21.09	21.00		
10	64QAM	25	0	21.05	21.14	21.16	22.2	0
10	64QAM	25	12	21.05	21.10	21.02		
10	64QAM	25	25	21.02	21.10	20.98		
10	64QAM	50	0	20.99	21.13	21.13		
10	256QAM	1	0	19.16	19.26	19.17	20.7	1.5
10	256QAM	1	25	19.13	19.22	19.31		
10	256QAM	1	49	19.20	19.18	19.07		
10	256QAM	25	0	19.11	19.23	19.27	20.7	1.5
10	256QAM	25	12	19.10	19.02	18.99		
10	256QAM	25	25	19.03	19.15	19.02		
10	256QAM	50	0	19.12	19.13	19.18		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.22	21.33	21.18	22.2	0
5	QPSK	1	12	21.12	21.06	21.19		
5	QPSK	1	24	21.09	21.23	21.02		
5	QPSK	12	0	21.10	21.23	21.18	22.2	0
5	QPSK	12	7	21.08	20.95	21.10		
5	QPSK	12	13	20.93	21.12	21.00		
5	QPSK	25	0	21.16	21.18	21.14		
5	16QAM	1	0	21.09	21.15	21.19	22.2	0
5	16QAM	1	12	21.09	21.07	21.10		
5	16QAM	1	24	21.01	21.09	21.02		
5	16QAM	12	0	21.14	21.09	21.05	22.2	0
5	16QAM	12	7	20.95	21.05	21.13		
5	16QAM	12	13	20.98	21.14	20.96		
5	16QAM	25	0	20.89	21.12	20.99		
5	64QAM	1	0	20.99	21.02	20.98	22.2	0
5	64QAM	1	12	20.82	21.02	20.95		
5	64QAM	1	24	20.99	21.12	21.01		
5	64QAM	12	0	20.97	21.18	21.11	22.2	0
5	64QAM	12	7	20.99	21.11	21.08		
5	64QAM	12	13	21.05	21.04	20.98		
5	64QAM	25	0	20.98	21.09	21.12		
5	256QAM	1	0	19.10	19.23	19.21	20.7	1.5
5	256QAM	1	12	19.16	19.21	19.23		
5	256QAM	1	24	19.10	19.19	19.06		
5	256QAM	12	0	19.19	19.27	19.28	20.7	1.5
5	256QAM	12	7	19.10	19.05	19.00		
5	256QAM	12	13	18.96	19.17	19.01		
5	256QAM	25	0	19.06	19.24	19.18		

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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	20.29	20.36	20.37	20.26	20.26	21.2	0
20	QPSK	1	49	20.32	20.16	20.25	20.15	20.19		
20	QPSK	1	99	20.20	20.22	20.34	20.23	20.15		
20	QPSK	50	0	20.26	20.26	20.31	20.28	20.16	21.2	0
20	QPSK	50	24	20.12	20.08	20.23	20.18	20.05		
20	QPSK	50	50	20.20	20.06	20.18	20.04	20.08		
20	QPSK	100	0	20.23	20.23	20.29	20.22	20.18		
20	16QAM	1	0	20.32	20.15	20.25	20.17	20.22	21.2	0
20	16QAM	1	49	20.17	20.13	20.18	20.23	20.04		
20	16QAM	1	99	20.15	20.07	20.20	20.15	19.92		
20	16QAM	50	0	20.24	20.17	20.26	20.18	20.18	21.2	0
20	16QAM	50	24	20.27	20.14	20.26	20.18	20.04		
20	16QAM	50	50	20.08	20.13	20.24	20.16	19.99		
20	16QAM	100	0	20.19	20.16	20.29	20.12	20.04		
20	64QAM	1	0	20.09	19.99	20.12	20.03	19.92	21.2	0
20	64QAM	1	49	20.17	19.99	20.07	20.04	19.96		
20	64QAM	1	99	20.14	20.13	20.25	20.07	20.03		
20	64QAM	50	0	20.27	20.19	20.17	20.28	20.17	21.2	0
20	64QAM	50	24	20.20	20.04	20.12	20.19	20.04		
20	64QAM	50	50	20.12	20.13	20.25	20.05	20.03		
20	64QAM	100	0	20.07	20.07	20.27	20.04	20.03		
20	256QAM	1	0	19.47	19.37	19.53	19.46	19.37	20.7	0.5
20	256QAM	1	49	19.54	19.41	19.65	19.47	19.45		
20	256QAM	1	99	19.50	19.48	19.56	19.42	19.47		
20	256QAM	50	0	19.58	19.58	19.67	19.70	19.59	20.7	0.5
20	256QAM	50	24	19.57	19.39	19.51	19.64	19.43		
20	256QAM	50	50	19.41	19.54	19.68	19.55	19.42		
20	256QAM	100	0	19.48	19.42	19.66	19.57	19.31		
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	20.23	20.14	20.18	20.12	20.22	21.20	0
15	QPSK	1	37	20.21	20.01	20.11	20.13	20.09		
15	QPSK	1	74	20.13	20.09	20.23	20.10	20.00		
15	QPSK	36	0	20.18	20.12	20.26	20.16	20.03	21.2	0
15	QPSK	36	20	20.06	19.93	20.10	20.00	19.96		
15	QPSK	36	39	20.11	20.01	20.07	19.92	20.01		
15	QPSK	75	0	20.10	20.08	20.26	20.05	20.01		
15	16QAM	1	0	20.21	20.04	20.29	20.09	19.98	21.2	0
15	16QAM	1	37	20.05	19.98	20.06	20.16	20.00		
15	16QAM	1	74	20.05	20.03	20.11	20.16	19.90		
15	16QAM	36	0	20.05	20.20	20.10	20.11	20.07	21.2	0
15	16QAM	36	20	20.16	20.07	20.11	20.04	20.07		
15	16QAM	36	39	19.98	20.07	20.14	20.06	19.97		
15	16QAM	75	0	19.97	19.97	20.16	20.03	19.86		
15	64QAM	1	0	19.95	19.95	20.04	19.98	19.79	21.2	0
15	64QAM	1	37	20.12	19.81	19.97	19.87	19.83		
15	64QAM	1	74	20.08	19.92	20.12	19.85	19.93		
15	64QAM	36	0	20.11	20.04	20.05	20.06	20.01	21.2	0
15	64QAM	36	20	20.15	19.95	20.14	19.97	19.87		
15	64QAM	36	39	20.10	19.94	20.05	19.93	19.89		
15	64QAM	75	0	19.93	20.00	20.28	20.01	19.88		
15	256QAM	1	0	19.53	19.42	19.51	19.43	19.36	20.7	0.5
15	256QAM	1	37	19.57	19.32	19.63	19.46	19.42		
15	256QAM	1	74	19.52	19.48	19.56	19.39	19.56		
15	256QAM	36	0	19.62	19.64	19.60	19.73	19.61	20.7	0.5
15	256QAM	36	20	19.48	19.37	19.48	19.62	19.50		
15	256QAM	36	39	19.38	19.48	19.69	19.48	19.45		
15	256QAM	75	0	19.53	19.47	19.59	19.59	19.36		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.29	20.22	20.24	20.13	20.19	21.20	0
10	QPSK	1	25	20.24	20.16	20.17	20.00	20.09		
10	QPSK	1	49	20.14	20.01	20.15	20.08	20.03		
10	QPSK	25	0	20.09	20.14	20.27	20.08	20.09	21.2	0
10	QPSK	25	12	19.96	19.87	20.16	20.10	19.90		
10	QPSK	25	25	20.09	19.96	20.11	19.94	19.95		
10	QPSK	50	0	20.18	20.07	20.22	20.07	19.99		
10	16QAM	1	0	20.18	20.12	20.14	20.11	20.16	21.2	0
10	16QAM	1	25	20.03	20.03	20.05	20.10	19.97		
10	16QAM	1	49	20.02	20.04	20.11	20.14	19.85		
10	16QAM	25	0	20.05	20.03	20.13	20.02	20.04	21.2	0
10	16QAM	25	12	20.08	20.00	20.12	20.04	19.88		
10	16QAM	25	25	20.11	20.01	20.14	20.01	19.90		
10	16QAM	50	0	20.05	20.10	20.06	19.93	19.95		
10	64QAM	1	0	20.05	19.97	19.99	19.92	19.94	21.2	0
10	64QAM	1	25	20.07	19.89	20.02	19.98	20.00		
10	64QAM	1	49	20.01	19.96	20.18	19.93	19.98		
10	64QAM	25	0	20.21	20.13	20.24	20.11	20.11	21.2	0
10	64QAM	25	12	20.06	19.96	20.00	20.11	19.95		
10	64QAM	25	25	20.00	19.89	20.10	19.98	20.03		
10	64QAM	50	0	19.98	19.99	20.22	19.96	19.93		
10	256QAM	1	0	19.54	19.41	19.57	19.39	19.33	20.7	0.5
10	256QAM	1	25	19.61	19.36	19.62	19.46	19.48		
10	256QAM	1	49	19.56	19.46	19.60	19.43	19.56		
10	256QAM	25	0	19.56	19.64	19.63	19.77	19.61	20.7	0.5
10	256QAM	25	12	19.52	19.34	19.57	19.64	19.47		
10	256QAM	25	25	19.36	19.48	19.73	19.48	19.49		
10	256QAM	50	0	19.48	19.41	19.65	19.52	19.37		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.28	20.22	20.24	20.26	20.14	21.20	0
5	QPSK	1	12	20.08	20.13	20.20	20.05	20.02		
5	QPSK	1	24	20.04	20.17	20.23	20.09	20.04		
5	QPSK	12	0	20.15	20.10	20.31	20.17	20.06	21.2	0
5	QPSK	12	7	20.03	19.87	20.14	20.16	19.90		
5	QPSK	12	13	20.10	20.03	20.10	19.97	20.00		
5	QPSK	25	0	20.12	20.12	20.20	20.09	20.01		
5	16QAM	1	0	20.18	19.98	20.13	20.06	20.13	21.2	0
5	16QAM	1	12	20.11	20.04	20.02	20.11	20.01		
5	16QAM	1	24	20.00	20.05	20.06	20.03	19.89		
5	16QAM	12	0	20.03	20.13	20.21	20.12	20.14	21.2	0
5	16QAM	12	7	20.08	19.93	20.13	19.95	20.01		
5	16QAM	12	13	20.04	19.99	20.17	19.96	19.85		
5	16QAM	25	0	19.95	20.00	20.04	19.96	19.95		
5	64QAM	1	0	20.03	19.93	19.96	19.87	19.84	21.2	0
5	64QAM	1	12	20.04	19.77	19.99	20.03	19.90		
5	64QAM	1	24	20.01	19.97	20.15	19.92	19.99		
5	64QAM	12	0	20.13	20.09	20.16	20.12	20.03	21.2	0
5	64QAM	12	7	20.03	19.97	20.10	19.94	19.85		
5	64QAM	12	13	20.04	20.05	20.04	19.94	19.98		
5	64QAM	25	0	20.10	20.04	20.12	19.92	19.89		
5	256QAM	1	0	19.50	19.44	19.57	19.38	19.34	20.7	0.5
5	256QAM	1	12	19.58	19.32	19.55	19.47	19.49		
5	256QAM	1	24	19.60	19.47	19.60	19.43	19.51		
5	256QAM	12	0	19.59	19.60	19.66	19.72	19.60	20.7	0.5
5	256QAM	12	7	19.51	19.29	19.49	19.57	19.40		
5	256QAM	12	13	19.40	19.51	19.65	19.55	19.45		
5	256QAM	25	0	19.54	19.46	19.61	19.52	19.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.21	22.24	22.18	23.5	0
20	QPSK	1	49	22.09	22.21	22.12		
20	QPSK	1	99	22.16	22.18	22.07		
20	QPSK	50	0	21.25	21.29	21.24	22.5	1
20	QPSK	50	24	21.05	21.21	21.14		
20	QPSK	50	50	21.11	21.20	21.05		
20	QPSK	100	0	21.21	21.26	21.16		
20	16QAM	1	0	21.17	21.25	21.19	22.5	1
20	16QAM	1	49	21.14	21.26	21.07		
20	16QAM	1	99	21.17	21.19	21.08		
20	16QAM	50	0	20.30	20.32	20.19	21.5	2
20	16QAM	50	24	19.99	20.18	20.15		
20	16QAM	50	50	20.14	20.25	20.00		
20	16QAM	100	0	20.21	20.23	20.11		
20	64QAM	1	0	20.18	20.29	20.17	21.5	2
20	64QAM	1	49	20.20	20.22	20.10		
20	64QAM	1	99	20.22	20.16	20.14		
20	64QAM	50	0	19.19	19.26	19.22	20.5	3
20	64QAM	50	24	19.08	19.19	19.17		
20	64QAM	50	50	19.14	19.18	19.00		
20	64QAM	100	0	19.23	19.24	19.12		
20	256QAM	1	0	17.28	17.32	17.22	18.5	5
20	256QAM	1	49	17.08	17.16	17.20		
20	256QAM	1	99	17.11	17.22	17.00		
20	256QAM	50	0	17.18	17.31	17.14	18.5	5
20	256QAM	50	24	17.22	17.22	17.18		
20	256QAM	50	50	17.19	17.31	17.13		
20	256QAM	100	0	17.20	17.18	17.06		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.17	22.18	22.13	23.5	0
15	QPSK	1	37	21.96	22.08	22.00		
15	QPSK	1	74	22.09	22.07	22.03		
15	QPSK	36	0	21.22	21.25	21.13	22.5	1
15	QPSK	36	20	20.91	21.13	21.09		
15	QPSK	36	39	21.03	21.13	20.92		
15	QPSK	75	0	21.11	21.16	21.08		
15	16QAM	1	0	21.04	21.12	21.13	22.5	1
15	16QAM	1	37	21.11	21.13	21.02		
15	16QAM	1	74	21.04	21.10	21.02		
15	16QAM	36	0	20.21	20.28	20.09	21.5	2
15	16QAM	36	20	19.93	20.14	20.07		
15	16QAM	36	39	20.07	20.21	19.94		
15	16QAM	75	0	20.14	20.10	19.99		
15	64QAM	1	0	20.05	20.22	20.06	21.5	2
15	64QAM	1	37	20.17	20.18	20.02		
15	64QAM	1	74	20.08	20.09	20.01		
15	64QAM	36	0	19.15	19.24	19.20	20.5	3
15	64QAM	36	20	18.94	19.15	19.13		
15	64QAM	36	39	19.04	19.08	18.87		
15	64QAM	75	0	19.11	19.15	19.04		
15	256QAM	1	0	17.19	17.20	17.16	18.5	5
15	256QAM	1	37	16.97	17.07	17.13		
15	256QAM	1	74	17.02	17.13	16.91		
15	256QAM	36	0	17.11	17.23	17.04	18.5	5
15	256QAM	36	20	17.19	17.20	17.12		
15	256QAM	36	39	17.10	17.20	16.99		
15	256QAM	75	0	17.09	17.09	17.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.07	22.16	22.15	23.5	0
10	QPSK	1	25	22.06	22.08	22.09		
10	QPSK	1	49	22.10	22.09	22.00		
10	QPSK	25	0	21.19	21.27	21.18	22.5	1
10	QPSK	25	12	20.99	21.13	21.00		
10	QPSK	25	25	21.02	21.11	20.95		
10	QPSK	50	0	21.11	21.18	21.02		
10	16QAM	1	0	21.10	21.17	21.15	22.5	1
10	16QAM	1	25	21.05	21.20	21.04		
10	16QAM	1	49	21.12	21.14	20.95		
10	16QAM	25	0	20.19	20.25	20.08	21.5	2
10	16QAM	25	12	19.90	20.12	20.05		
10	16QAM	25	25	20.07	20.12	19.97		
10	16QAM	50	0	20.18	20.14	19.97		
10	64QAM	1	0	20.14	20.24	20.05	21.5	2
10	64QAM	1	25	20.12	20.14	20.03		
10	64QAM	1	49	20.09	20.07	20.08		
10	64QAM	25	0	19.07	19.22	19.17	20.5	3
10	64QAM	25	12	19.03	19.08	19.05		
10	64QAM	25	25	19.01	19.11	18.89		
10	64QAM	50	0	19.15	19.13	19.03		
10	256QAM	1	0	17.26	17.23	17.16	18.5	5
10	256QAM	1	25	17.05	17.05	17.13		
10	256QAM	1	49	17.03	17.12	16.96		
10	256QAM	25	0	17.09	17.28	17.12	18.5	5
10	256QAM	25	12	17.17	17.12	17.12		
10	256QAM	25	25	17.16	17.29	17.07		
10	256QAM	50	0	17.10	17.05	17.00		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.16	22.18	22.11	23.5	0
5	QPSK	1	12	21.95	22.17	22.01		
5	QPSK	1	24	22.11	22.11	21.98		
5	QPSK	12	0	21.11	21.18	21.15	22.5	1
5	QPSK	12	7	20.94	21.14	21.12		
5	QPSK	12	13	20.97	21.15	21.00		
5	QPSK	25	0	21.09	21.15	21.14		
5	16QAM	1	0	21.11	21.12	21.15	22.5	1
5	16QAM	1	12	21.08	21.24	20.97		
5	16QAM	1	24	21.05	21.10	20.99		
5	16QAM	12	0	20.20	20.18	20.09	21.5	2
5	16QAM	12	7	19.93	20.16	20.04		
5	16QAM	12	13	20.00	20.13	19.89		
5	16QAM	25	0	20.14	20.17	20.03		
5	64QAM	1	0	20.10	20.25	20.13	21.5	2
5	64QAM	1	12	20.12	20.18	20.02		
5	64QAM	1	24	20.09	20.10	20.09		
5	64QAM	12	0	19.08	19.21	19.12	20.5	3
5	64QAM	12	7	19.02	19.09	19.05		
5	64QAM	12	13	19.04	19.11	18.88		
5	64QAM	25	0	19.18	19.16	18.98		
5	256QAM	1	0	17.23	17.25	17.14	18.5	5
5	256QAM	1	12	17.04	17.08	17.06		
5	256QAM	1	24	17.04	17.13	16.97		
5	256QAM	12	0	17.08	17.28	17.05	18.5	5
5	256QAM	12	7	17.12	17.20	17.11		
5	256QAM	12	13	17.13	17.28	17.03		
5	256QAM	25	0	17.15	17.05	16.98		

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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	20.63	20.77	20.84	20.62	20.62	22.5	0
20	QPSK	1	49	20.68	20.67	20.89	20.54	20.68		
20	QPSK	1	99	20.70	20.66	20.88	20.52	20.72		
20	QPSK	50	0	20.67	20.70	20.82	20.53	20.63	22.5	0
20	QPSK	50	24	20.63	20.71	20.87	20.63	20.72		
20	QPSK	50	50	20.60	20.67	20.84	20.55	20.61		
20	QPSK	100	0	20.61	20.69	20.82	20.64	20.69		
20	16QAM	1	0	20.60	20.67	20.87	20.58	20.69	22.5	0
20	16QAM	1	49	20.63	20.66	20.88	20.63	20.67		
20	16QAM	1	99	20.66	20.68	20.84	20.55	20.67		
20	16QAM	50	0	20.14	20.21	20.33	20.08	20.17	22	0.5
20	16QAM	50	24	20.14	20.21	20.33	20.08	20.17		
20	16QAM	50	50	20.14	20.21	20.33	20.08	20.17		
20	16QAM	100	0	20.14	20.21	20.33	20.08	20.17		
20	64QAM	1	0	20.14	20.21	20.33	20.08	20.17	22	0.5
20	64QAM	1	49	20.14	20.21	20.33	20.08	20.17		
20	64QAM	1	99	20.14	20.21	20.33	20.08	20.17		
20	64QAM	50	0	19.09	19.30	19.33	19.17	19.09	21	1.5
20	64QAM	50	24	19.15	19.24	19.32	19.09	19.16		
20	64QAM	50	50	19.14	19.22	19.32	19.13	19.17		
20	64QAM	100	0	19.18	19.26	19.32	19.06	19.18		
20	256QAM	1	0	17.07	17.29	17.39	17.11	17.14	19	3.5
20	256QAM	1	49	17.14	17.23	17.34	17.15	17.07		
20	256QAM	1	99	17.08	17.21	17.29	17.18	17.10		
20	256QAM	50	0	17.12	17.29	17.39	17.14	17.13	19	3.5
20	256QAM	50	24	17.09	17.33	17.38	17.15	17.12		
20	256QAM	50	50	17.08	17.25	17.30	17.14	17.13		
20	256QAM	100	0	17.11	17.25	17.28	17.09	17.13		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.52	20.68	20.69	20.49	20.54	22.50	0
15	QPSK	1	37	20.58	20.52	20.80	20.47	20.55		
15	QPSK	1	74	20.56	20.55	20.84	20.40	20.61		
15	QPSK	36	0	20.59	20.58	20.69	20.42	20.58	22.5	0
15	QPSK	36	20	20.47	20.59	20.81	20.50	20.65		
15	QPSK	36	39	20.53	20.60	20.77	20.42	20.45		
15	QPSK	75	0	20.53	20.54	20.66	20.59	20.54		
15	16QAM	1	0	20.47	20.57	20.82	20.44	20.63	22.5	0
15	16QAM	1	37	20.55	20.54	20.73	20.49	20.56		
15	16QAM	1	74	20.57	20.56	20.74	20.48	20.53		
15	16QAM	36	0	20.03	20.06	20.28	20.03	20.02	22	0.5
15	16QAM	36	20	20.03	20.08	20.23	20.01	20.01		
15	16QAM	36	39	19.99	20.08	20.18	20.01	20.09		
15	16QAM	75	0	20.00	20.15	20.24	19.99	20.03		
15	64QAM	1	0	20.00	20.16	20.23	20.02	20.06	22	0.5
15	64QAM	1	37	19.99	20.11	20.20	19.98	20.09		
15	64QAM	1	74	20.04	20.09	20.24	19.99	20.09		
15	64QAM	36	0	19.00	19.17	19.17	19.09	18.95	21	1.5
15	64QAM	36	20	19.09	19.09	19.23	19.04	19.03		
15	64QAM	36	39	19.01	19.15	19.25	18.98	19.09		
15	64QAM	75	0	19.09	19.13	19.21	18.97	19.02		
15	256QAM	1	0	16.93	17.22	17.31	17.02	17.00	19	3.5
15	256QAM	1	37	16.99	17.09	17.19	17.01	16.92		
15	256QAM	1	74	16.93	17.10	17.23	17.11	16.99		
15	256QAM	36	0	16.96	17.17	17.24	17.00	17.07	19	3.5
15	256QAM	36	20	17.02	17.18	17.30	17.01	16.98		
15	256QAM	36	39	16.97	17.16	17.17	17.04	17.00		
15	256QAM	75	0	16.97	17.09	17.18	16.93	16.99		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.58	20.72	20.71	20.53	20.55	22.50	0
10	QPSK	1	25	20.63	20.61	20.77	20.47	20.57		
10	QPSK	1	49	20.61	20.59	20.81	20.46	20.62		
10	QPSK	25	0	20.61	20.57	20.70	20.42	20.56	22.5	0
10	QPSK	25	12	20.52	20.59	20.75	20.54	20.58		
10	QPSK	25	25	20.49	20.54	20.69	20.50	20.48		
10	QPSK	50	0	20.48	20.63	20.74	20.53	20.60		
10	16QAM	1	0	20.50	20.57	20.73	20.44	20.63	22.5	0
10	16QAM	1	25	20.59	20.57	20.82	20.55	20.53		
10	16QAM	1	49	20.50	20.60	20.80	20.44	20.57		
10	16QAM	25	0	20.01	20.13	20.24	19.95	20.07	22	0.5
10	16QAM	25	12	20.06	20.17	20.25	19.99	20.11		
10	16QAM	25	25	20.04	20.07	20.28	20.04	20.12		
10	16QAM	50	0	20.00	20.11	20.17	19.97	20.08		
10	64QAM	1	0	20.01	20.07	20.21	19.98	20.04	22	0.5
10	64QAM	1	25	20.05	20.11	20.20	19.99	20.04		
10	64QAM	1	49	20.06	20.05	20.22	19.94	20.06		
10	64QAM	25	0	18.97	19.25	19.24	19.11	18.98	21	1.5
10	64QAM	25	12	19.06	19.09	19.17	18.96	19.03		
10	64QAM	25	25	18.99	19.13	19.17	19.08	19.04		
10	64QAM	50	0	19.02	19.21	19.26	18.95	19.13		
10	256QAM	1	0	16.95	17.21	17.28	17.01	17.00	19	3.5
10	256QAM	1	25	17.00	17.15	17.26	17.01	16.93		
10	256QAM	1	49	17.03	17.10	17.21	17.09	16.96		
10	256QAM	25	0	16.96	17.20	17.24	17.06	17.00	19	3.5
10	256QAM	25	12	17.04	17.21	17.28	17.08	17.04		
10	256QAM	25	25	16.95	17.11	17.18	17.09	16.99		
10	256QAM	50	0	16.98	17.10	17.22	17.00	17.06		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.52	20.68	20.78	20.51	20.47	22.50	0
5	QPSK	1	12	20.64	20.62	20.84	20.44	20.60		
5	QPSK	1	24	20.62	20.62	20.77	20.46	20.56		
5	QPSK	12	0	20.61	20.64	20.70	20.45	20.51	22.5	0
5	QPSK	12	7	20.53	20.56	20.72	20.53	20.59		
5	QPSK	12	13	20.50	20.55	20.80	20.50	20.54		
5	QPSK	25	0	20.46	20.58	20.67	20.50	20.62		
5	16QAM	1	0	20.52	20.52	20.71	20.43	20.61	22.5	0
5	16QAM	1	12	20.49	20.59	20.75	20.49	20.58		
5	16QAM	1	24	20.56	20.59	20.73	20.43	20.57		
5	16QAM	12	0	20.07	20.08	20.21	19.99	20.04	22	0.5
5	16QAM	12	7	20.05	20.06	20.17	19.98	20.10		
5	16QAM	12	13	20.04	20.13	20.29	20.00	20.03		
5	16QAM	25	0	20.02	20.06	20.25	20.02	20.09		
5	64QAM	1	0	20.08	20.08	20.18	19.98	20.08	22	0.5
5	64QAM	1	12	20.01	20.16	20.22	20.04	20.03		
5	64QAM	1	24	20.06	20.11	20.23	19.93	20.09		
5	64QAM	12	0	18.99	19.21	19.22	19.04	18.96	21	1.5
5	64QAM	12	7	19.01	19.17	19.22	19.05	19.10		
5	64QAM	12	13	19.00	19.17	19.18	19.00	19.03		
5	64QAM	25	0	19.05	19.19	19.23	19.00	19.09		
5	256QAM	1	0	16.96	17.20	17.29	17.02	17.01	19	3.5
5	256QAM	1	12	17.06	17.15	17.23	17.10	17.00		
5	256QAM	1	24	17.01	17.09	17.13	17.03	16.97		
5	256QAM	12	0	17.06	17.20	17.33	17.06	17.03	19	3.5
5	256QAM	12	7	16.94	17.25	17.23	17.02	17.06		
5	256QAM	12	13	16.96	17.10	17.20	16.99	16.99		
5	256QAM	25	0	16.96	17.19	17.24	16.98	16.99		

Reduced Power Mode for ECI4_Other PA

Band 5 Ant0 ECI4

BW [MHz]	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	25.16	25.37	25.12	25.7	0
10	QPSK	1	25	25.05	25.30	25.01		
10	QPSK	1	49	25.13	25.26	25.02		
10	QPSK	25	0	24.12	24.41	24.10	24.7	1
10	QPSK	25	12	23.99	24.27	24.02		
10	QPSK	25	25	24.12	24.28	24.05		
10	QPSK	50	0	24.13	24.35	24.15		
10	16QAM	1	0	24.21	24.34	24.16	24.7	1
10	16QAM	1	25	24.03	24.32	23.99		
10	16QAM	1	49	24.16	24.25	23.97		
10	16QAM	25	0	23.17	23.35	23.07	23.7	2
10	16QAM	25	12	23.02	23.33	22.97		
10	16QAM	25	25	23.16	23.29	23.09		
10	16QAM	50	0	23.08	23.37	23.21		
10	64QAM	1	0	23.26	23.29	23.21	23.7	2
10	64QAM	1	25	23.06	23.35	22.96		
10	64QAM	1	49	23.18	23.20	23.00		
10	64QAM	25	0	22.09	22.45	22.09	22.7	3
10	64QAM	25	12	22.02	22.25	22.07		
10	64QAM	25	25	22.17	22.23	22.02		
10	64QAM	50	0	22.09	22.32	22.21		
10	256QAM	1	0	20.10	20.43	20.12	20.7	5
10	256QAM	1	25	20.04	20.30	20.06		
10	256QAM	1	49	20.13	20.23	20.09		
10	256QAM	25	0	20.19	20.40	20.11	20.7	5
10	256QAM	25	12	20.22	20.32	20.15		
10	256QAM	25	25	19.98	20.28	19.95		
10	256QAM	50	0	20.13	20.20	20.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.14	25.24	25.07	25.7	0
5	QPSK	1	12	24.92	25.25	24.87		
5	QPSK	1	24	25.00	25.21	24.97		
5	QPSK	12	0	24.03	24.38	23.96	24.7	1
5	QPSK	12	7	23.86	24.19	23.91		
5	QPSK	12	13	24.05	24.22	24.00		
5	QPSK	25	0	24.06	24.26	24.11		
5	16QAM	1	0	24.11	24.28	24.09	24.7	1
5	16QAM	1	12	23.97	24.20	23.95		
5	16QAM	1	24	24.10	24.21	23.92		
5	16QAM	12	0	23.03	23.28	22.94	23.7	2
5	16QAM	12	7	22.93	23.22	22.92		
5	16QAM	12	13	23.04	23.17	23.06		
5	16QAM	25	0	22.95	23.30	23.08		
5	64QAM	1	0	23.21	23.25	23.18	23.7	2
5	64QAM	1	12	23.02	23.32	22.91		
5	64QAM	1	24	23.06	23.17	22.92		
5	64QAM	12	0	22.07	22.35	22.05	22.7	3
5	64QAM	12	7	21.97	22.14	21.95		
5	64QAM	12	13	22.13	22.18	21.90		
5	64QAM	25	0	22.00	22.21	22.16		
5	256QAM	1	0	19.99	20.37	20.05	20.7	5
5	256QAM	1	12	19.93	20.24	20.02		
5	256QAM	1	24	20.08	20.11	20.02		
5	256QAM	12	0	20.05	20.35	19.98	20.7	5
5	256QAM	12	7	20.12	20.29	20.09		
5	256QAM	12	13	19.86	20.17	19.90		
5	256QAM	25	0	20.08	20.11	19.94		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.07	25.23	25.03	25.7	0
3	QPSK	1	8	24.99	25.20	24.91		
3	QPSK	1	14	25.05	25.17	24.88		
3	QPSK	8	0	24.07	24.33	24.02	24.7	1
3	QPSK	8	4	23.91	24.14	23.94		
3	QPSK	8	7	24.05	24.25	24.00		
3	QPSK	15	0	24.02	24.29	24.09		
3	16QAM	1	0	24.12	24.31	24.10	24.7	1
3	16QAM	1	8	23.94	24.22	23.86		
3	16QAM	1	14	24.09	24.13	23.94		
3	16QAM	8	0	23.12	23.23	22.97	23.7	2
3	16QAM	8	4	22.92	23.30	22.85		
3	16QAM	8	7	23.02	23.25	23.07		
3	16QAM	15	0	23.02	23.30	23.09		
3	64QAM	1	0	23.24	23.23	23.15	23.7	2
3	64QAM	1	8	22.93	23.29	22.88		
3	64QAM	1	14	23.05	23.16	22.97		
3	64QAM	8	0	21.95	22.38	22.05	22.7	3
3	64QAM	8	4	21.97	22.15	21.98		
3	64QAM	8	7	22.13	22.21	21.99		
3	64QAM	15	0	21.95	22.21	22.09		
3	256QAM	1	0	20.07	20.39	20.10	20.7	5
3	256QAM	1	8	19.94	20.18	20.00		
3	256QAM	1	14	20.07	20.12	19.96		
3	256QAM	8	0	20.16	20.27	20.05	20.7	5
3	256QAM	8	4	20.11	20.24	20.01		
3	256QAM	8	7	19.90	20.21	19.83		
3	256QAM	15	0	20.07	20.14	19.92		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.14	25.30	24.98	25.7	0
1.4	QPSK	1	3	24.93	25.27	24.91		
1.4	QPSK	1	5	25.01	25.22	24.97		
1.4	QPSK	3	0	25.03	25.25	24.91		
1.4	QPSK	3	1	24.80	25.14	24.88		
1.4	QPSK	3	3	24.93	25.13	24.93		
1.4	QPSK	6	0	24.07	24.30	24.02	24.7	1
1.4	16QAM	1	0	24.15	24.28	24.14	24.7	1
1.4	16QAM	1	3	23.95	24.25	23.92		
1.4	16QAM	1	5	24.08	24.12	23.95		
1.4	16QAM	3	0	24.01	24.22	24.00		
1.4	16QAM	3	1	24.01	24.18	24.02		
1.4	16QAM	3	3	23.92	24.22	23.87		
1.4	16QAM	6	0	23.02	23.34	23.17	23.7	2
1.4	64QAM	1	0	23.19	23.24	23.10	23.7	2
1.4	64QAM	1	3	22.95	23.24	22.86		
1.4	64QAM	1	5	23.12	23.15	22.91		
1.4	64QAM	3	0	22.96	23.27	23.15		
1.4	64QAM	3	1	23.12	23.13	23.04		
1.4	64QAM	3	3	22.88	23.14	22.80		
1.4	64QAM	6	0	21.97	22.25	22.10	22.7	3
1.4	256QAM	1	0	19.97	20.34	20.01	20.7	5
1.4	256QAM	1	3	20.02	20.22	19.96		
1.4	256QAM	1	5	20.07	20.16	20.02		
1.4	256QAM	3	0	20.14	20.33	19.98		
1.4	256QAM	3	1	20.14	20.27	20.12		
1.4	256QAM	3	3	19.94	20.20	19.85		
1.4	256QAM	6	0	20.00	20.12	19.94	20.7	5

Band 5 Ant1 ECI4

BW [MHz]	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	21.76	21.85	21.69	22.2	0
10	QPSK	1	25	21.76	21.71	21.62		
10	QPSK	1	49	21.78	21.71	21.65		
10	QPSK	25	0	21.71	21.83	21.60	22.2	0
10	QPSK	25	12	21.70	21.75	21.48		
10	QPSK	25	25	21.63	21.63	21.45		
10	QPSK	50	0	21.71	21.82	21.68		
10	16QAM	1	0	21.69	21.80	21.63	22.2	0
10	16QAM	1	25	21.65	21.57	21.52		
10	16QAM	1	49	21.73	21.62	21.54		
10	16QAM	25	0	21.68	21.79	21.47	22.2	0
10	16QAM	25	12	21.59	21.70	21.35		
10	16QAM	25	25	21.50	21.54	21.40		
10	16QAM	50	0	21.59	21.70	21.57		
10	64QAM	1	0	21.63	21.81	21.59	22.2	0
10	64QAM	1	25	21.62	21.61	21.50		
10	64QAM	1	49	21.68	21.65	21.61		
10	64QAM	25	0	21.62	21.79	21.48	22.2	0
10	64QAM	25	12	21.62	21.72	21.44		
10	64QAM	25	25	21.52	21.51	21.39		
10	64QAM	50	0	21.68	21.75	21.59		
10	256QAM	1	0	20.30	20.30	20.22	20.7	1.5
10	256QAM	1	25	20.27	20.17	20.06		
10	256QAM	1	49	20.22	20.16	20.14		
10	256QAM	25	0	20.24	20.34	20.07	20.7	1.5
10	256QAM	25	12	20.21	20.24	19.94		
10	256QAM	25	25	20.09	20.17	19.96		
10	256QAM	50	0	20.25	20.29	20.16		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.72	21.76	21.65	22.2	0
5	QPSK	1	12	21.68	21.63	21.48		
5	QPSK	1	24	21.74	21.65	21.60		
5	QPSK	12	0	21.61	21.78	21.57	22.2	0
5	QPSK	12	7	21.57	21.66	21.42		
5	QPSK	12	13	21.50	21.56	21.33		
5	QPSK	25	0	21.62	21.71	21.54		
5	16QAM	1	0	21.59	21.72	21.54	22.2	0
5	16QAM	1	12	21.53	21.52	21.41		
5	16QAM	1	24	21.62	21.58	21.50		
5	16QAM	12	0	21.54	21.67	21.38	22.2	0
5	16QAM	12	7	21.56	21.67	21.28		
5	16QAM	12	13	21.46	21.46	21.31		
5	16QAM	25	0	21.46	21.59	21.52		
5	64QAM	1	0	21.51	21.79	21.51	22.2	0
5	64QAM	1	12	21.52	21.59	21.47		
5	64QAM	1	24	21.54	21.57	21.48		
5	64QAM	12	0	21.53	21.66	21.45	22.2	0
5	64QAM	12	7	21.59	21.66	21.37		
5	64QAM	12	13	21.47	21.47	21.30		
5	64QAM	25	0	21.56	21.72	21.51		
5	256QAM	1	0	20.20	20.21	20.10	20.7	1.5
5	256QAM	1	12	20.19	20.11	19.95		
5	256QAM	1	24	20.16	20.07	20.07		
5	256QAM	12	0	20.12	20.23	20.00	20.7	1.5
5	256QAM	12	7	20.13	20.19	19.90		
5	256QAM	12	13	20.02	20.14	19.89		
5	256QAM	25	0	20.15	20.21	20.13		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.66	21.75	21.55	22.2	0
3	QPSK	1	8	21.66	21.67	21.59		
3	QPSK	1	14	21.67	21.66	21.52		
3	QPSK	8	0	21.66	21.80	21.48	22.2	0
3	QPSK	8	4	21.62	21.62	21.44		
3	QPSK	8	7	21.55	21.60	21.39		
3	QPSK	15	0	21.68	21.77	21.60		
3	16QAM	1	0	21.55	21.69	21.52	22.2	0
3	16QAM	1	8	21.54	21.45	21.38		
3	16QAM	1	14	21.62	21.57	21.43		
3	16QAM	8	0	21.64	21.67	21.40	22.2	0
3	16QAM	8	4	21.54	21.62	21.30		
3	16QAM	8	7	21.41	21.49	21.31		
3	16QAM	15	0	21.53	21.64	21.47		
3	64QAM	1	0	21.52	21.70	21.51	22.2	0
3	64QAM	1	8	21.50	21.53	21.42		
3	64QAM	1	14	21.60	21.57	21.58		
3	64QAM	8	0	21.53	21.73	21.35	22.2	0
3	64QAM	8	4	21.60	21.59	21.39		
3	64QAM	8	7	21.43	21.37	21.30		
3	64QAM	15	0	21.61	21.71	21.49		
3	256QAM	1	0	20.28	20.22	20.17	20.7	1.5
3	256QAM	1	8	20.14	20.08	19.93		
3	256QAM	1	14	20.20	20.07	20.04		
3	256QAM	8	0	20.21	20.30	20.01	20.7	1.5
3	256QAM	8	4	20.13	20.20	19.91		
3	256QAM	8	7	19.98	20.07	19.94		
3	256QAM	15	0	20.20	20.20	20.07		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.69	21.74	21.64	22.2	0
1.4	QPSK	1	3	21.62	21.60	21.49		
1.4	QPSK	1	5	21.66	21.62	21.59		
1.4	QPSK	3	0	21.63	21.78	21.57		
1.4	QPSK	3	1	21.61	21.67	21.41		
1.4	QPSK	3	3	21.60	21.59	21.42		
1.4	QPSK	6	0	21.63	21.71	21.66	22.2	0
1.4	16QAM	1	0	21.61	21.78	21.49	22.2	0
1.4	16QAM	1	3	21.57	21.43	21.42		
1.4	16QAM	1	5	21.64	21.50	21.49		
1.4	16QAM	3	0	21.58	21.70	21.44		
1.4	16QAM	3	1	21.56	21.60	21.23		
1.4	16QAM	3	3	21.40	21.42	21.27		
1.4	16QAM	6	0	21.53	21.59	21.45	22.2	0
1.4	64QAM	1	0	21.60	21.74	21.47	22.2	0
1.4	64QAM	1	3	21.56	21.57	21.45		
1.4	64QAM	1	5	21.64	21.54	21.54		
1.4	64QAM	3	0	21.52	21.76	21.44		
1.4	64QAM	3	1	21.51	21.59	21.42		
1.4	64QAM	3	3	21.40	21.40	21.31		
1.4	64QAM	6	0	21.63	21.66	21.47	22.2	0
1.4	256QAM	1	0	20.24	20.17	20.15	20.7	1.5
1.4	256QAM	1	3	20.17	20.08	20.02		
1.4	256QAM	1	5	20.08	20.04	20.02		
1.4	256QAM	3	0	20.14	20.26	20.01		
1.4	256QAM	3	1	20.13	20.19	19.86		
1.4	256QAM	3	3	19.95	20.08	19.86		
1.4	256QAM	6	0	20.19	20.21	20.08	20.7	1.5

Band 7 Ant2 ECI4

BW [MHz]	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	20.51	20.52	20.50	21.5	0
20	QPSK	1	49	20.34	20.44	20.40		
20	QPSK	1	99	20.42	20.51	20.44		
20	QPSK	50	0	20.45	20.47	20.40	21.5	0
20	QPSK	50	24	20.25	20.42	20.32		
20	QPSK	50	50	20.28	20.43	20.37		
20	QPSK	100	0	20.39	20.46	20.42		
20	16QAM	1	0	20.47	20.45	20.47	21.5	0
20	16QAM	1	49	20.29	20.34	20.29		
20	16QAM	1	99	20.37	20.48	20.38		
20	16QAM	50	0	20.36	20.40	20.32	21.5	0
20	16QAM	50	24	20.13	20.30	20.23		
20	16QAM	50	50	20.21	20.35	20.33		
20	16QAM	100	0	20.34	20.35	20.34		
20	64QAM	1	0	20.40	20.40	20.43	21.5	0
20	64QAM	1	49	20.21	20.27	20.25		
20	64QAM	1	99	20.28	20.38	20.30		
20	64QAM	50	0	20.33	20.35	20.36	21.5	0
20	64QAM	50	24	20.15	20.37	20.26		
20	64QAM	50	50	20.23	20.33	20.30		
20	64QAM	100	0	20.29	20.40	20.28		
20	256QAM	1	0	19.51	19.52	19.34	20.5	1
20	256QAM	1	49	19.28	19.39	19.30		
20	256QAM	1	99	19.32	19.42	19.39		
20	256QAM	50	0	19.40	19.43	19.44	20.5	1
20	256QAM	50	24	19.49	19.45	19.48		
20	256QAM	50	50	19.34	19.35	19.26		
20	256QAM	100	0	19.41	19.45	19.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.44	20.41	20.37	21.5	0
15	QPSK	1	37	20.31	20.37	20.35		
15	QPSK	1	74	20.28	20.44	20.33		
15	QPSK	36	0	20.34	20.42	20.34	21.5	0
15	QPSK	36	20	20.11	20.31	20.25		
15	QPSK	36	39	20.22	20.30	20.28		
15	QPSK	75	0	20.36	20.40	20.38		
15	16QAM	1	0	20.38	20.38	20.40	21.5	0
15	16QAM	1	37	20.21	20.24	20.18		
15	16QAM	1	74	20.30	20.43	20.25		
15	16QAM	36	0	20.23	20.32	20.24	21.5	0
15	16QAM	36	20	20.06	20.23	20.16		
15	16QAM	36	39	20.14	20.24	20.31		
15	16QAM	75	0	20.26	20.30	20.23		
15	64QAM	1	0	20.36	20.31	20.34	21.5	0
15	64QAM	1	37	20.11	20.21	20.22		
15	64QAM	1	74	20.19	20.36	20.17		
15	64QAM	36	0	20.25	20.25	20.24	21.5	0
15	64QAM	36	20	20.08	20.30	20.13		
15	64QAM	36	39	20.20	20.21	20.20		
15	64QAM	75	0	20.24	20.34	20.26		
15	256QAM	1	0	19.44	19.46	19.31	20.5	1
15	256QAM	1	37	19.17	19.37	19.22		
15	256QAM	1	74	19.26	19.34	19.35		
15	256QAM	36	0	19.27	19.34	19.37	20.5	1
15	256QAM	36	20	19.41	19.42	19.37		
15	256QAM	36	39	19.24	19.25	19.21		
15	256QAM	75	0	19.27	19.33	19.31		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.42	20.42	20.40	21.5	0
10	QPSK	1	25	20.25	20.36	20.28		
10	QPSK	1	49	20.29	20.39	20.36		
10	QPSK	25	0	20.42	20.35	20.30	21.5	0
10	QPSK	25	12	20.18	20.33	20.23		
10	QPSK	25	25	20.18	20.36	20.26		
10	QPSK	50	0	20.35	20.38	20.33		
10	16QAM	1	0	20.42	20.33	20.34	21.5	0
10	16QAM	1	25	20.24	20.22	20.19		
10	16QAM	1	49	20.30	20.35	20.31		
10	16QAM	25	0	20.26	20.36	20.28	21.5	0
10	16QAM	25	12	20.07	20.17	20.15		
10	16QAM	25	25	20.19	20.24	20.21		
10	16QAM	50	0	20.22	20.29	20.25		
10	64QAM	1	0	20.30	20.34	20.34	21.5	0
10	64QAM	1	25	20.08	20.24	20.12		
10	64QAM	1	49	20.23	20.28	20.25		
10	64QAM	25	0	20.21	20.32	20.33	21.5	0
10	64QAM	25	12	20.07	20.29	20.16		
10	64QAM	25	25	20.16	20.24	20.28		
10	64QAM	50	0	20.24	20.26	20.17		
10	256QAM	1	0	19.42	19.48	19.30	20.5	1
10	256QAM	1	25	19.20	19.31	19.27		
10	256QAM	1	49	19.20	19.39	19.32		
10	256QAM	25	0	19.30	19.38	19.36	20.5	1
10	256QAM	25	12	19.43	19.42	19.36		
10	256QAM	25	25	19.25	19.30	19.17		
10	256QAM	50	0	19.37	19.42	19.33		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.44	20.40	20.48	21.5	0
5	QPSK	1	12	20.25	20.36	20.38		
5	QPSK	1	24	20.37	20.45	20.41		
5	QPSK	12	0	20.41	20.39	20.32	21.5	0
5	QPSK	12	7	20.22	20.32	20.26		
5	QPSK	12	13	20.15	20.31	20.33		
5	QPSK	25	0	20.32	20.36	20.30		
5	16QAM	1	0	20.40	20.36	20.39	21.5	0
5	16QAM	1	12	20.17	20.20	20.23		
5	16QAM	1	24	20.32	20.44	20.34		
5	16QAM	12	0	20.28	20.33	20.21	21.5	0
5	16QAM	12	7	20.09	20.25	20.12		
5	16QAM	12	13	20.14	20.21	20.22		
5	16QAM	25	0	20.32	20.30	20.26		
5	64QAM	1	0	20.27	20.35	20.29	21.5	0
5	64QAM	1	12	20.11	20.22	20.21		
5	64QAM	1	24	20.19	20.25	20.19		
5	64QAM	12	0	20.29	20.24	20.31	21.5	0
5	64QAM	12	7	20.03	20.29	20.19		
5	64QAM	12	13	20.17	20.21	20.26		
5	64QAM	25	0	20.22	20.33	20.22		
5	256QAM	1	0	19.45	19.46	19.27	20.5	1
5	256QAM	1	12	19.23	19.32	19.25		
5	256QAM	1	24	19.26	19.36	19.34		
5	256QAM	12	0	19.35	19.39	19.34	20.5	1
5	256QAM	12	7	19.36	19.36	19.44		
5	256QAM	12	13	19.25	19.25	19.21		
5	256QAM	25	0	19.39	19.40	19.27		

Band 7 Ant3 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.50	19.51	19.42	20.7	0
20	QPSK	1	49	19.40	19.48	19.41		
20	QPSK	1	99	19.34	19.46	19.33		
20	QPSK	50	0	19.46	19.48	19.36	20.7	0
20	QPSK	50	24	19.37	19.40	19.31		
20	QPSK	50	50	19.22	19.42	19.23		
20	QPSK	100	0	19.40	19.45	19.37		
20	16QAM	1	0	19.43	19.44	19.29	20.7	0
20	16QAM	1	49	19.28	19.44	19.38		
20	16QAM	1	99	19.27	19.41	19.26		
20	16QAM	50	0	19.46	19.44	19.37	20.7	0
20	16QAM	50	24	19.35	19.41	19.38		
20	16QAM	50	50	19.29	19.42	19.25		
20	16QAM	100	0	19.38	19.45	19.33		
20	64QAM	1	0	19.32	19.34	19.28	20.7	0
20	64QAM	1	49	19.20	19.40	19.12		
20	64QAM	1	99	19.32	19.39	19.27		
20	64QAM	50	0	19.38	19.42	19.34	20.7	0
20	64QAM	50	24	19.30	19.37	19.27		
20	64QAM	50	50	19.22	19.40	19.29		
20	64QAM	100	0	19.40	19.37	19.30		
20	256QAM	1	0	19.01	19.07	18.92	20.2	0.5
20	256QAM	1	49	18.88	19.02	18.85		
20	256QAM	1	99	18.84	18.90	18.86		
20	256QAM	50	0	19.01	18.95	18.82	20.2	0.5
20	256QAM	50	24	18.89	18.89	18.76		
20	256QAM	50	50	18.71	18.91	18.78		
20	256QAM	100	0	18.84	18.98	18.89		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.47	19.40	19.35	20.7	0
15	QPSK	1	37	19.28	19.44	19.31		
15	QPSK	1	74	19.23	19.34	19.30		
15	QPSK	36	0	19.40	19.45	19.33	20.7	0
15	QPSK	36	20	19.30	19.37	19.25		
15	QPSK	36	39	19.11	19.39	19.20		
15	QPSK	75	0	19.31	19.34	19.24		
15	16QAM	1	0	19.36	19.36	19.21	20.7	0
15	16QAM	1	37	19.17	19.33	19.34		
15	16QAM	1	74	19.25	19.29	19.21		
15	16QAM	36	0	19.32	19.35	19.31	20.7	0
15	16QAM	36	20	19.33	19.37	19.34		
15	16QAM	36	39	19.17	19.37	19.17		
15	16QAM	75	0	19.24	19.42	19.20		
15	64QAM	1	0	19.21	19.27	19.21	20.7	0
15	64QAM	1	37	19.12	19.36	19.07		
15	64QAM	1	74	19.24	19.26	19.24		
15	64QAM	36	0	19.32	19.37	19.22	20.7	0
15	64QAM	36	20	19.22	19.28	19.15		
15	64QAM	36	39	19.17	19.26	19.15		
15	64QAM	75	0	19.38	19.25	19.25		
15	256QAM	1	0	18.88	19.05	18.81	20.2	0.5
15	256QAM	1	37	18.82	18.95	18.74		
15	256QAM	1	74	18.79	18.82	18.75		
15	256QAM	36	0	18.88	18.88	18.77	20.2	0.5
15	256QAM	36	20	18.76	18.84	18.72		
15	256QAM	36	39	18.64	18.84	18.65		
15	256QAM	75	0	18.77	18.95	18.84		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.47	19.49	19.31	20.7	0
10	QPSK	1	25	19.29	19.45	19.29		
10	QPSK	1	49	19.24	19.37	19.20		
10	QPSK	25	0	19.42	19.46	19.27	20.7	0
10	QPSK	25	12	19.35	19.37	19.18		
10	QPSK	25	25	19.17	19.37	19.15		
10	QPSK	50	0	19.32	19.42	19.29		
10	16QAM	1	0	19.34	19.32	19.25	20.7	0
10	16QAM	1	25	19.19	19.31	19.24		
10	16QAM	1	49	19.23	19.32	19.20		
10	16QAM	25	0	19.36	19.38	19.31	20.7	0
10	16QAM	25	12	19.23	19.36	19.24		
10	16QAM	25	25	19.26	19.36	19.19		
10	16QAM	50	0	19.30	19.35	19.20		
10	64QAM	1	0	19.23	19.28	19.23	20.7	0
10	64QAM	1	25	19.15	19.28	19.03		
10	64QAM	1	49	19.23	19.36	19.20		
10	64QAM	25	0	19.34	19.36	19.21	20.7	0
10	64QAM	25	12	19.24	19.30	19.17		
10	64QAM	25	25	19.19	19.31	19.25		
10	64QAM	50	0	19.29	19.26	19.23		
10	256QAM	1	0	18.89	19.04	18.89	20.2	0.5
10	256QAM	1	25	18.84	18.91	18.80		
10	256QAM	1	49	18.70	18.84	18.75		
10	256QAM	25	0	18.95	18.93	18.69	20.2	0.5
10	256QAM	25	12	18.81	18.80	18.62		
10	256QAM	25	25	18.59	18.82	18.70		
10	256QAM	50	0	18.77	18.90	18.80		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.46	19.47	19.35	20.7	0
5	QPSK	1	12	19.36	19.45	19.35		
5	QPSK	1	24	19.21	19.40	19.22		
5	QPSK	12	0	19.41	19.44	19.25	20.7	0
5	QPSK	12	7	19.29	19.37	19.24		
5	QPSK	12	13	19.20	19.40	19.14		
5	QPSK	25	0	19.27	19.42	19.27		
5	16QAM	1	0	19.33	19.39	19.21	20.7	0
5	16QAM	1	12	19.19	19.31	19.34		
5	16QAM	1	24	19.14	19.30	19.20		
5	16QAM	12	0	19.42	19.38	19.29	20.7	0
5	16QAM	12	7	19.22	19.36	19.26		
5	16QAM	12	13	19.18	19.33	19.21		
5	16QAM	25	0	19.36	19.38	19.30		
5	64QAM	1	0	19.28	19.32	19.15	20.7	0
5	64QAM	1	12	19.07	19.36	19.09		
5	64QAM	1	24	19.21	19.31	19.24		
5	64QAM	12	0	19.29	19.30	19.25	20.7	0
5	64QAM	12	7	19.27	19.23	19.18		
5	64QAM	12	13	19.16	19.34	19.22		
5	64QAM	25	0	19.34	19.35	19.18		
5	256QAM	1	0	18.92	19.04	18.79	20.2	0.5
5	256QAM	1	12	18.75	18.95	18.72		
5	256QAM	1	24	18.77	18.80	18.75		
5	256QAM	12	0	18.90	18.89	18.79	20.2	0.5
5	256QAM	12	7	18.83	18.81	18.72		
5	256QAM	12	13	18.62	18.83	18.70		
5	256QAM	25	0	18.77	18.88	18.77		

Band 7 Ant4 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	25.00	25.02	24.92	25.7	0
20	QPSK	1	49	24.88	24.95	24.83		
20	QPSK	1	99	24.93	24.92	24.83		
20	QPSK	50	0	24.01	24.08	23.95	24.7	1
20	QPSK	50	24	23.93	23.98	23.78		
20	QPSK	50	50	23.91	23.89	23.79		
20	QPSK	100	0	24.02	24.06	23.94		
20	16QAM	1	0	24.00	24.03	23.94	24.7	1
20	16QAM	1	49	23.90	23.90	23.81		
20	16QAM	1	99	23.98	23.97	23.83		
20	16QAM	50	0	23.02	23.11	23.01	23.7	2
20	16QAM	50	24	22.97	23.04	22.80		
20	16QAM	50	50	22.91	22.94	22.73		
20	16QAM	100	0	23.07	23.00	22.95		
20	64QAM	1	0	23.04	23.01	22.90	23.7	2
20	64QAM	1	49	22.91	22.92	22.81		
20	64QAM	1	99	23.02	23.00	22.82		
20	64QAM	50	0	21.99	22.03	21.94	22.7	3
20	64QAM	50	24	21.87	22.00	21.78		
20	64QAM	50	50	21.88	21.92	21.85		
20	64QAM	100	0	22.05	22.04	22.00		
20	256QAM	1	0	20.06	20.09	19.99	20.7	5
20	256QAM	1	49	19.96	19.95	19.76		
20	256QAM	1	99	19.85	19.83	19.84		
20	256QAM	50	0	19.96	20.06	19.90	20.7	5
20	256QAM	50	24	20.04	20.03	19.99		
20	256QAM	50	50	19.85	19.86	19.79		
20	256QAM	100	0	20.00	19.94	19.84		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.88	24.91	24.79	25.7	0
15	QPSK	1	37	24.74	24.88	24.78		
15	QPSK	1	74	24.87	24.85	24.70		
15	QPSK	36	0	23.94	24.04	23.81	24.7	1
15	QPSK	36	20	23.87	23.91	23.68		
15	QPSK	36	39	23.80	23.79	23.69		
15	QPSK	75	0	23.94	23.96	23.91		
15	16QAM	1	0	23.96	23.90	23.88	24.7	1
15	16QAM	1	37	23.87	23.85	23.70		
15	16QAM	1	74	23.84	23.90	23.75		
15	16QAM	36	0	22.94	23.02	22.94	23.7	2
15	16QAM	36	20	22.83	22.93	22.78		
15	16QAM	36	39	22.86	22.87	22.70		
15	16QAM	75	0	22.98	22.95	22.90		
15	64QAM	1	0	22.99	22.98	22.79	23.7	2
15	64QAM	1	37	22.80	22.80	22.74		
15	64QAM	1	74	22.92	22.98	22.71		
15	64QAM	36	0	21.90	21.92	21.82	22.7	3
15	64QAM	36	20	21.76	21.86	21.67		
15	64QAM	36	39	21.77	21.80	21.81		
15	64QAM	75	0	21.95	21.93	21.89		
15	256QAM	1	0	19.94	20.03	19.88	20.7	5
15	256QAM	1	37	19.88	19.82	19.71		
15	256QAM	1	74	19.71	19.79	19.81		
15	256QAM	36	0	19.86	20.03	19.79	20.7	5
15	256QAM	36	20	19.94	19.97	19.89		
15	256QAM	36	39	19.73	19.81	19.67		
15	256QAM	75	0	19.91	19.90	19.78		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.95	24.97	24.80	25.7	0
10	QPSK	1	25	24.78	24.82	24.79		
10	QPSK	1	49	24.90	24.86	24.72		
10	QPSK	25	0	23.89	23.99	23.92	24.7	1
10	QPSK	25	12	23.85	23.95	23.70		
10	QPSK	25	25	23.80	23.83	23.65		
10	QPSK	50	0	23.99	24.01	23.86		
10	16QAM	1	0	23.93	23.97	23.86	24.7	1
10	16QAM	1	25	23.82	23.78	23.72		
10	16QAM	1	49	23.89	23.95	23.80		
10	16QAM	25	0	22.98	23.09	22.93	23.7	2
10	16QAM	25	12	22.90	22.93	22.77		
10	16QAM	25	25	22.85	22.91	22.61		
10	16QAM	50	0	23.03	22.87	22.85		
10	64QAM	1	0	22.95	22.92	22.84	23.7	2
10	64QAM	1	25	22.78	22.89	22.69		
10	64QAM	1	49	22.91	22.87	22.74		
10	64QAM	25	0	21.87	21.95	21.91	22.7	3
10	64QAM	25	12	21.83	21.93	21.72		
10	64QAM	25	25	21.77	21.86	21.82		
10	64QAM	50	0	22.01	21.94	21.97		
10	256QAM	1	0	20.00	20.05	19.91	20.7	5
10	256QAM	1	25	19.87	19.88	19.69		
10	256QAM	1	49	19.77	19.79	19.78		
10	256QAM	25	0	19.89	19.99	19.86	20.7	5
10	256QAM	25	12	19.91	19.91	19.93		
10	256QAM	25	25	19.76	19.77	19.76		
10	256QAM	50	0	19.89	19.85	19.71		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.92	24.91	24.84	25.7	0
5	QPSK	1	12	24.83	24.85	24.76		
5	QPSK	1	24	24.86	24.85	24.75		
5	QPSK	12	0	23.96	23.98	23.86	24.7	1
5	QPSK	12	7	23.86	23.86	23.68		
5	QPSK	12	13	23.85	23.79	23.71		
5	QPSK	25	0	23.91	24.03	23.87		
5	16QAM	1	0	23.91	23.91	23.89	24.7	1
5	16QAM	1	12	23.86	23.85	23.73		
5	16QAM	1	24	23.94	23.84	23.76		
5	16QAM	12	0	22.99	23.00	22.88	23.7	2
5	16QAM	12	7	22.94	22.99	22.73		
5	16QAM	12	13	22.86	22.89	22.65		
5	16QAM	25	0	22.96	22.92	22.90		
5	64QAM	1	0	22.98	22.90	22.86	23.7	2
5	64QAM	1	12	22.78	22.81	22.78		
5	64QAM	1	24	22.91	22.93	22.73		
5	64QAM	12	0	21.90	21.95	21.87	22.7	3
5	64QAM	12	7	21.85	21.93	21.73		
5	64QAM	12	13	21.80	21.81	21.74		
5	64QAM	25	0	22.00	21.93	21.91		
5	256QAM	1	0	20.02	20.03	19.89	20.7	5
5	256QAM	1	12	19.83	19.84	19.70		
5	256QAM	1	24	19.74	19.76	19.73		
5	256QAM	12	0	19.86	20.00	19.82	20.7	5
5	256QAM	12	7	19.92	19.96	19.93		
5	256QAM	12	13	19.79	19.82	19.69		
5	256QAM	25	0	19.90	19.80	19.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.65	19.75	19.60	21	0
20	QPSK	1	49	19.54	19.71	19.53		
20	QPSK	1	99	19.64	19.73	19.59		
20	QPSK	50	0	19.62	19.73	19.50	21	0
20	QPSK	50	24	19.43	19.61	19.42		
20	QPSK	50	50	19.55	19.63	19.50		
20	QPSK	100	0	19.53	19.71	19.54		
20	16QAM	1	0	19.55	19.68	19.57	21	0
20	16QAM	1	49	19.51	19.61	19.50		
20	16QAM	1	99	19.62	19.65	19.46		
20	16QAM	50	0	19.63	19.65	19.47	21	0
20	16QAM	50	24	19.47	19.62	19.41		
20	16QAM	50	50	19.61	19.69	19.48		
20	16QAM	100	0	19.51	19.62	19.48		
20	64QAM	1	0	19.38	19.53	19.34	21	0
20	64QAM	1	49	19.51	19.50	19.44		
20	64QAM	1	99	19.45	19.64	19.49		
20	64QAM	50	0	19.15	19.21	19.09	20.5	0.5
20	64QAM	50	24	19.00	19.26	19.06		
20	64QAM	50	50	19.14	19.24	19.08		
20	64QAM	100	0	19.12	19.17	18.99		
20	256QAM	1	0	17.20	17.30	17.12	18.5	2.5
20	256QAM	1	49	17.07	17.18	16.97		
20	256QAM	1	99	17.18	17.20	17.06		
20	256QAM	50	0	17.13	17.21	16.99	18.5	2.5
20	256QAM	50	24	16.88	17.12	16.89		
20	256QAM	50	50	17.05	17.11	16.97		
20	256QAM	100	0	17.00	17.23	17.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.56	19.62	19.46	21	0
15	QPSK	1	37	19.41	19.61	19.47		
15	QPSK	1	74	19.51	19.68	19.51		
15	QPSK	36	0	19.53	19.70	19.40	21	0
15	QPSK	36	20	19.37	19.50	19.38		
15	QPSK	36	39	19.42	19.60	19.48		
15	QPSK	75	0	19.41	19.58	19.46		
15	16QAM	1	0	19.43	19.61	19.45	21	0
15	16QAM	1	37	19.40	19.57	19.39		
15	16QAM	1	74	19.50	19.56	19.34		
15	16QAM	36	0	19.59	19.53	19.33	21	0
15	16QAM	36	20	19.36	19.53	19.27		
15	16QAM	36	39	19.55	19.60	19.37		
15	16QAM	75	0	19.41	19.51	19.40		
15	64QAM	1	0	19.30	19.40	19.24	21	0
15	64QAM	1	37	19.48	19.38	19.42		
15	64QAM	1	74	19.41	19.52	19.46		
15	64QAM	36	0	19.08	19.11	18.97	20.5	0.5
15	64QAM	36	20	18.87	19.16	18.99		
15	64QAM	36	39	19.00	19.14	18.98		
15	64QAM	75	0	19.07	19.10	18.87		
15	256QAM	1	0	17.12	17.19	16.99	18.5	2.5
15	256QAM	1	37	17.02	17.06	16.90		
15	256QAM	1	74	17.08	17.18	17.00		
15	256QAM	36	0	17.02	17.14	16.96	18.5	2.5
15	256QAM	36	20	16.82	17.09	16.81		
15	256QAM	36	39	16.98	17.03	16.89		
15	256QAM	75	0	16.97	17.11	17.00		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.54	19.67	19.51	21	0
10	QPSK	1	25	19.47	19.65	19.43		
10	QPSK	1	49	19.61	19.64	19.52		
10	QPSK	25	0	19.50	19.64	19.40	21	0
10	QPSK	25	12	19.32	19.48	19.34		
10	QPSK	25	25	19.47	19.58	19.41		
10	QPSK	50	0	19.46	19.64	19.46		
10	16QAM	1	0	19.52	19.58	19.47	21	0
10	16QAM	1	25	19.46	19.57	19.38		
10	16QAM	1	49	19.57	19.55	19.40		
10	16QAM	25	0	19.55	19.55	19.42	21	0
10	16QAM	25	12	19.36	19.52	19.34		
10	16QAM	25	25	19.55	19.61	19.34		
10	16QAM	50	0	19.39	19.50	19.37		
10	64QAM	1	0	19.35	19.45	19.25	21	0
10	64QAM	1	25	19.38	19.38	19.37		
10	64QAM	1	49	19.37	19.58	19.42		
10	64QAM	25	0	19.09	19.11	18.98	20.5	0.5
10	64QAM	25	12	18.91	19.22	18.94		
10	64QAM	25	25	19.03	19.20	18.98		
10	64QAM	50	0	19.06	19.12	18.90		
10	256QAM	1	0	17.09	17.17	17.06	18.5	2.5
10	256QAM	1	25	17.02	17.15	16.92		
10	256QAM	1	49	17.14	17.14	16.99		
10	256QAM	25	0	17.09	17.09	16.92	18.5	2.5
10	256QAM	25	12	16.77	17.06	16.80		
10	256QAM	25	25	16.96	16.98	16.91		
10	256QAM	50	0	16.90	17.15	16.99		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.59	19.68	19.52	21	0
5	QPSK	1	12	19.40	19.64	19.50		
5	QPSK	1	24	19.58	19.69	19.50		
5	QPSK	12	0	19.58	19.61	19.47	21	0
5	QPSK	12	7	19.37	19.54	19.40		
5	QPSK	12	13	19.47	19.57	19.44		
5	QPSK	25	0	19.43	19.61	19.51		
5	16QAM	1	0	19.46	19.57	19.51	21	0
5	16QAM	1	12	19.41	19.49	19.44		
5	16QAM	1	24	19.50	19.59	19.43		
5	16QAM	12	0	19.54	19.52	19.40	21	0
5	16QAM	12	7	19.38	19.56	19.33		
5	16QAM	12	13	19.56	19.66	19.42		
5	16QAM	25	0	19.38	19.59	19.44		
5	64QAM	1	0	19.32	19.40	19.30	21	0
5	64QAM	1	12	19.42	19.37	19.35		
5	64QAM	1	24	19.32	19.54	19.41		
5	64QAM	12	0	19.09	19.11	19.02	20.5	0.5
5	64QAM	12	7	18.97	19.19	18.97		
5	64QAM	12	13	19.11	19.20	18.97		
5	64QAM	25	0	19.09	19.13	18.96		
5	256QAM	1	0	17.07	17.24	17.02	18.5	2.5
5	256QAM	1	12	17.01	17.11	16.83		
5	256QAM	1	24	17.13	17.12	17.04		
5	256QAM	12	0	17.02	17.09	16.95	18.5	2.5
5	256QAM	12	7	16.85	17.00	16.75		
5	256QAM	12	13	16.93	17.01	16.90		
5	256QAM	25	0	16.86	17.16	17.01		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.32	22.39	22.21	23.5	0
20	QPSK	1	49	22.25	22.34	22.21		
20	QPSK	1	99	22.33	22.38	22.20		
20	QPSK	50	0	22.32	22.35	22.22	23.5	0
20	QPSK	50	24	22.33	22.31	22.18		
20	QPSK	50	50	22.30	22.27	22.23		
20	QPSK	100	0	22.24	22.35	22.17		
20	16QAM	1	0	22.23	22.32	22.20	23.5	0
20	16QAM	1	49	22.28	22.37	22.22		
20	16QAM	1	99	22.31	22.30	22.16		
20	16QAM	50	0	22.34	22.27	22.15	23.5	0
20	16QAM	50	24	22.26	22.33	22.26		
20	16QAM	50	50	22.26	22.38	22.22		
20	16QAM	100	0	22.29	22.34	22.16		
20	64QAM	1	0	22.31	22.32	22.25	23.5	0
20	64QAM	1	49	22.30	22.36	22.18		
20	64QAM	1	99	22.23	22.35	22.26		
20	64QAM	50	0	21.31	21.26	21.22	22.5	1
20	64QAM	50	24	21.28	21.33	21.23		
20	64QAM	50	50	21.37	21.26	21.21		
20	64QAM	100	0	21.33	21.27	21.16		
20	256QAM	1	0	19.37	19.23	19.18	20.5	3
20	256QAM	1	49	19.27	19.30	19.16		
20	256QAM	1	99	19.36	19.34	19.27		
20	256QAM	50	0	19.37	19.33	19.23	20.5	3
20	256QAM	50	24	19.37	19.27	19.25		
20	256QAM	50	50	19.28	19.32	19.20		
20	256QAM	100	0	19.33	19.27	19.25		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.17	22.13	22.06	23.5	0
15	QPSK	1	37	22.16	22.22	22.13		
15	QPSK	1	74	22.21	22.33	22.05		
15	QPSK	36	0	22.25	22.23	22.07	23.5	0
15	QPSK	36	20	22.29	22.21	22.13		
15	QPSK	36	39	22.23	22.22	22.08		
15	QPSK	75	0	22.12	22.29	22.01		
15	16QAM	1	0	22.15	22.19	22.14	23.5	0
15	16QAM	1	37	22.23	22.22	22.08		
15	16QAM	1	74	22.17	22.21	22.09		
15	16QAM	36	0	22.28	22.14	22.10	23.5	0
15	16QAM	36	20	22.16	22.24	22.10		
15	16QAM	36	39	22.12	22.33	22.10		
15	16QAM	75	0	22.23	22.19	22.01		
15	64QAM	1	0	22.16	22.21	22.09	23.5	0
15	64QAM	1	37	22.24	22.26	22.11		
15	64QAM	1	74	22.17	22.24	22.22		
15	64QAM	36	0	21.16	21.18	21.11	22.5	1
15	64QAM	36	20	21.12	21.21	21.17		
15	64QAM	36	39	21.31	21.14	21.14		
15	64QAM	75	0	21.24	21.20	21.01		
15	256QAM	1	0	19.25	19.12	19.03	20.5	3
15	256QAM	1	37	19.17	19.21	19.04		
15	256QAM	1	74	19.32	19.29	19.20		
15	256QAM	36	0	19.33	19.20	19.17	20.5	3
15	256QAM	36	20	19.26	19.20	19.14		
15	256QAM	36	39	19.13	19.21	19.06		
15	256QAM	75	0	19.19	19.13	19.12		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.23	22.13	22.12	23.5	0
10	QPSK	1	25	22.16	22.20	22.10		
10	QPSK	1	49	22.27	22.31	22.09		
10	QPSK	25	0	22.22	22.29	22.17	23.5	0
10	QPSK	25	12	22.29	22.19	22.12		
10	QPSK	25	25	22.17	22.12	22.19		
10	QPSK	50	0	22.12	22.31	22.04		
10	16QAM	1	0	22.11	22.18	22.04	23.5	0
10	16QAM	1	25	22.16	22.30	22.08		
10	16QAM	1	49	22.15	22.18	22.11		
10	16QAM	25	0	22.30	22.19	22.02	23.5	0
10	16QAM	25	12	22.15	22.22	22.17		
10	16QAM	25	25	22.14	22.32	22.17		
10	16QAM	50	0	22.19	22.21	22.08		
10	64QAM	1	0	22.22	22.23	22.21	23.5	0
10	64QAM	1	25	22.18	22.26	22.04		
10	64QAM	1	49	22.09	22.24	22.14		
10	64QAM	25	0	21.27	21.21	21.07	22.5	1
10	64QAM	25	12	21.18	21.18	21.14		
10	64QAM	25	25	21.30	21.20	21.11		
10	64QAM	50	0	21.24	21.22	21.07		
10	256QAM	1	0	19.22	19.16	19.07	20.5	3
10	256QAM	1	25	19.13	19.24	19.09		
10	256QAM	1	49	19.25	19.21	19.19		
10	256QAM	25	0	19.25	19.19	19.08	20.5	3
10	256QAM	25	12	19.30	19.17	19.15		
10	256QAM	25	25	19.20	19.16	19.15		
10	256QAM	50	0	19.25	19.14	19.21		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.20	22.16	22.15	23.5	0
5	QPSK	1	12	22.17	22.18	22.11		
5	QPSK	1	24	22.17	22.28	22.15		
5	QPSK	12	0	22.20	22.28	22.12	23.5	0
5	QPSK	12	7	22.28	22.23	22.04		
5	QPSK	12	13	22.17	22.14	22.18		
5	QPSK	25	0	22.18	22.20	22.11		
5	16QAM	1	0	22.10	22.24	22.15	23.5	0
5	16QAM	1	12	22.15	22.22	22.18		
5	16QAM	1	24	22.19	22.23	22.00		
5	16QAM	12	0	22.26	22.12	22.04	23.5	0
5	16QAM	12	7	22.16	22.19	22.12		
5	16QAM	12	13	22.16	22.28	22.17		
5	16QAM	25	0	22.18	22.23	22.07		
5	64QAM	1	0	22.17	22.22	22.20	23.5	0
5	64QAM	1	12	22.24	22.25	22.06		
5	64QAM	1	24	22.15	22.26	22.13		
5	64QAM	12	0	21.26	21.13	21.13	22.5	1
5	64QAM	12	7	21.14	21.28	21.17		
5	64QAM	12	13	21.31	21.14	21.12		
5	64QAM	25	0	21.28	21.14	21.03		
5	256QAM	1	0	19.29	19.13	19.05	20.5	3
5	256QAM	1	12	19.19	19.15	19.11		
5	256QAM	1	24	19.25	19.26	19.12		
5	256QAM	12	0	19.26	19.27	19.17	20.5	3
5	256QAM	12	7	19.28	19.20	19.11		
5	256QAM	12	13	19.14	19.17	19.08		
5	256QAM	25	0	19.17	19.19	19.17		

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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	22.38	22.48	22.65	22.51	22.54	23.5	0
20	QPSK	1	49	22.37	22.53	22.52	22.42	22.50		
20	QPSK	1	99	22.40	22.46	22.56	22.39	22.55		
20	QPSK	50	0	22.41	22.50	22.63	22.45	22.55	23.5	0
20	QPSK	50	24	22.39	22.48	22.56	22.47	22.55		
20	QPSK	50	50	22.38	22.49	22.50	22.45	22.47		
20	QPSK	100	0	22.39	22.51	22.52	22.41	22.51		
20	16QAM	1	0	22.40	22.51	22.55	22.43	22.53	23.5	0
20	16QAM	1	49	22.37	22.48	22.51	22.41	22.56		
20	16QAM	1	99	22.45	22.53	22.54	22.45	22.52		
20	16QAM	50	0	22.45	22.45	22.51	22.42	22.59	23.5	0
20	16QAM	50	24	22.38	22.51	22.50	22.42	22.48		
20	16QAM	50	50	22.38	22.42	22.55	22.46	22.52		
20	16QAM	100	0	22.40	22.46	22.60	22.44	22.49		
20	64QAM	1	0	22.42	22.51	22.53	22.50	22.55	23.5	0
20	64QAM	1	49	22.37	22.47	22.54	22.49	22.56		
20	64QAM	1	99	22.38	22.44	22.56	22.43	22.51		
20	64QAM	50	0	21.40	21.53	21.57	21.56	21.58	22.5	1
20	64QAM	50	24	21.39	21.47	21.55	21.49	21.55		
20	64QAM	50	50	21.40	21.50	21.58	21.48	21.60		
20	64QAM	100	0	21.38	21.46	21.59	21.56	21.54		
20	256QAM	1	0	19.42	19.43	19.55	19.55	19.57	20.5	3
20	256QAM	1	49	19.43	19.44	19.65	19.46	19.59		
20	256QAM	1	99	19.34	19.42	19.55	19.52	19.59		
20	256QAM	50	0	19.39	19.47	19.58	19.46	19.56	20.5	3
20	256QAM	50	24	19.39	19.49	19.58	19.50	19.53		
20	256QAM	50	50	19.42	19.45	19.54	19.53	19.57		
20	256QAM	100	0	19.38	19.51	19.55	19.48	19.52		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2546.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.34	22.41	22.55	22.39	22.48	23.5	0
15	QPSK	1	37	22.29	22.44	22.40	22.33	22.41		
15	QPSK	1	74	22.29	22.30	22.42	22.30	22.44		
15	QPSK	36	0	22.33	22.38	22.49	22.31	22.50	23.5	0
15	QPSK	36	20	22.35	22.32	22.50	22.43	22.43		
15	QPSK	36	39	22.30	22.38	22.38	22.35	22.39		
15	QPSK	75	0	22.34	22.47	22.45	22.29	22.35		
15	16QAM	1	0	22.29	22.41	22.47	22.31	22.48	23.5	0
15	16QAM	1	37	22.23	22.40	22.39	22.31	22.49		
15	16QAM	1	74	22.34	22.44	22.49	22.39	22.36		
15	16QAM	36	0	22.40	22.33	22.38	22.36	22.51	23.5	0
15	16QAM	36	20	22.24	22.38	22.45	22.30	22.34		
15	16QAM	36	39	22.23	22.28	22.49	22.41	22.38		
15	16QAM	75	0	22.29	22.36	22.47	22.36	22.44		
15	64QAM	1	0	22.33	22.37	22.42	22.35	22.48	23.5	0
15	64QAM	1	37	22.29	22.32	22.40	22.35	22.50		
15	64QAM	1	74	22.26	22.40	22.51	22.29	22.44		
15	64QAM	36	0	21.30	21.47	21.52	21.51	21.46	22.5	1
15	64QAM	36	20	21.34	21.35	21.40	21.41	21.46		
15	64QAM	36	39	21.31	21.42	21.52	21.41	21.47		
15	64QAM	75	0	21.33	21.38	21.50	21.44	21.42		
15	256QAM	1	0	19.31	19.38	19.45	19.51	19.47	20.5	3
15	256QAM	1	37	19.30	19.32	19.54	19.32	19.54		
15	256QAM	1	74	19.30	19.27	19.44	19.36	19.47		
15	256QAM	36	0	19.32	19.41	19.43	19.39	19.41	20.5	3
15	256QAM	36	20	19.33	19.40	19.42	19.36	19.40		
15	256QAM	36	39	19.31	19.33	19.39	19.41	19.49		
15	256QAM	75	0	19.23	19.40	19.51	19.40	19.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.33	22.36	22.54	22.38	22.45	23.5	0
10	QPSK	1	25	22.23	22.48	22.38	22.28	22.39		
10	QPSK	1	49	22.30	22.31	22.42	22.33	22.42		
10	QPSK	25	0	22.34	22.37	22.53	22.36	22.43	23.5	0
10	QPSK	25	12	22.29	22.42	22.49	22.41	22.40		
10	QPSK	25	25	22.22	22.41	22.44	22.30	22.39		
10	QPSK	50	0	22.27	22.42	22.37	22.26	22.37		
10	16QAM	1	0	22.29	22.39	22.40	22.29	22.42	23.5	0
10	16QAM	1	25	22.22	22.34	22.43	22.30	22.48		
10	16QAM	1	49	22.40	22.41	22.49	22.39	22.43		
10	16QAM	25	0	22.36	22.38	22.42	22.27	22.53	23.5	0
10	16QAM	25	12	22.32	22.37	22.37	22.32	22.39		
10	16QAM	25	25	22.27	22.37	22.42	22.32	22.39		
10	16QAM	50	0	22.35	22.38	22.54	22.30	22.40		
10	64QAM	1	0	22.33	22.37	22.42	22.45	22.50	23.5	0
10	64QAM	1	25	22.27	22.36	22.41	22.37	22.49		
10	64QAM	1	49	22.31	22.32	22.46	22.29	22.44		
10	64QAM	25	0	21.32	21.44	21.47	21.43	21.47	22.5	1
10	64QAM	25	12	21.30	21.42	21.50	21.43	21.40		
10	64QAM	25	25	21.25	21.38	21.52	21.39	21.54		
10	64QAM	50	0	21.26	21.40	21.54	21.45	21.44		
10	256QAM	1	0	19.35	19.34	19.39	19.48	19.51	20.5	3
10	256QAM	1	25	19.36	19.29	19.51	19.33	19.45		
10	256QAM	1	49	19.30	19.32	19.50	19.39	19.49		
10	256QAM	25	0	19.34	19.38	19.43	19.34	19.51	20.5	3
10	256QAM	25	12	19.33	19.34	19.50	19.37	19.40		
10	256QAM	25	25	19.32	19.38	19.42	19.44	19.51		
10	256QAM	50	0	19.26	19.45	19.39	19.38	19.39		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.33	22.41	22.55	22.40	22.40	23.5	0
5	QPSK	1	12	22.22	22.43	22.43	22.27	22.37		
5	QPSK	1	24	22.35	22.37	22.49	22.24	22.47		
5	QPSK	12	0	22.29	22.36	22.52	22.31	22.41	23.5	0
5	QPSK	12	7	22.28	22.40	22.43	22.37	22.46		
5	QPSK	12	13	22.28	22.33	22.35	22.31	22.34		
5	QPSK	25	0	22.28	22.46	22.39	22.34	22.42		
5	16QAM	1	0	22.34	22.43	22.49	22.37	22.48	23.5	0
5	16QAM	1	12	22.24	22.32	22.39	22.30	22.42		
5	16QAM	1	24	22.34	22.37	22.49	22.30	22.39		
5	16QAM	12	0	22.35	22.40	22.42	22.30	22.54	23.5	0
5	16QAM	12	7	22.27	22.46	22.46	22.27	22.36		
5	16QAM	12	13	22.30	22.37	22.47	22.38	22.39		
5	16QAM	25	0	22.32	22.38	22.53	22.37	22.37		
5	64QAM	1	0	22.31	22.35	22.43	22.41	22.41	23.5	0
5	64QAM	1	12	22.31	22.36	22.40	22.39	22.43		
5	64QAM	1	24	22.32	22.36	22.47	22.29	22.40		
5	64QAM	12	0	21.24	21.43	21.43	21.42	21.43	22.5	1
5	64QAM	12	7	21.23	21.37	21.41	21.37	21.46		
5	64QAM	12	13	21.30	21.45	21.43	21.32	21.54		
5	64QAM	25	0	21.29	21.42	21.49	21.45	21.42		
5	256QAM	1	0	19.36	19.36	19.46	19.47	19.41	20.5	3
5	256QAM	1	12	19.32	19.32	19.53	19.40	19.48		
5	256QAM	1	24	19.27	19.28	19.39	19.36	19.47		
5	256QAM	12	0	19.29	19.36	19.51	19.38	19.51	20.5	3
5	256QAM	12	7	19.23	19.34	19.44	19.39	19.37		
5	256QAM	12	13	19.28	19.32	19.49	19.48	19.49		
5	256QAM	25	0	19.22	19.36	19.41	19.43	19.47		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.68	20.75	20.73	22.2	0
20	QPSK	1	49	20.70	20.69	20.72		
20	QPSK	1	99	20.70	20.71	20.69		
20	QPSK	50	0	20.76	20.69	20.63	22.2	0
20	QPSK	50	24	20.73	20.76	20.69		
20	QPSK	50	50	20.68	20.71	20.71		
20	QPSK	100	0	20.69	20.68	20.74		
20	16QAM	1	0	20.75	20.73	20.69	22.2	0
20	16QAM	1	49	20.71	20.67	20.66		
20	16QAM	1	99	20.73	20.72	20.69		
20	16QAM	50	0	20.66	20.72	20.62	22.2	0
20	16QAM	50	24	20.76	20.74	20.68		
20	16QAM	50	50	20.74	20.72	20.64		
20	16QAM	100	0	20.73	20.66	20.70		
20	64QAM	1	0	20.67	20.73	20.63	22.2	0
20	64QAM	1	49	20.67	20.78	20.66		
20	64QAM	1	99	20.72	20.70	20.73		
20	64QAM	50	0	20.73	20.72	20.73	22.2	0
20	64QAM	50	24	20.69	20.75	20.73		
20	64QAM	50	50	20.71	20.71	20.67		
20	64QAM	100	0	20.65	20.67	20.72		
20	256QAM	1	0	18.63	18.73	18.70	20.2	2
20	256QAM	1	49	18.72	18.72	18.69		
20	256QAM	1	99	18.74	18.73	18.69		
20	256QAM	50	0	18.63	18.71	18.75	20.2	2
20	256QAM	50	24	18.64	18.72	18.74		
20	256QAM	50	50	18.68	18.79	18.74		
20	256QAM	100	0	18.72	18.72	18.69		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.55	20.60	20.63	22.2	0
15	QPSK	1	37	20.63	20.60	20.57		
15	QPSK	1	74	20.64	20.58	20.58		
15	QPSK	36	0	20.67	20.56	20.49	22.2	0
15	QPSK	36	20	20.68	20.69	20.54		
15	QPSK	36	39	20.57	20.64	20.56		
15	QPSK	75	0	20.58	20.55	20.68		
15	16QAM	1	0	20.66	20.58	20.53	22.2	0
15	16QAM	1	37	20.61	20.61	20.55		
15	16QAM	1	74	20.61	20.64	20.57		
15	16QAM	36	0	20.61	20.65	20.57	22.2	0
15	16QAM	36	20	20.65	20.60	20.57		
15	16QAM	36	39	20.59	20.61	20.49		
15	16QAM	75	0	20.61	20.61	20.55		
15	64QAM	1	0	20.61	20.57	20.48	22.2	0
15	64QAM	1	37	20.53	20.71	20.59		
15	64QAM	1	74	20.65	20.54	20.68		
15	64QAM	36	0	20.67	20.67	20.61	22.2	0
15	64QAM	36	20	20.64	20.61	20.63		
15	64QAM	36	39	20.67	20.56	20.56		
15	64QAM	75	0	20.60	20.62	20.62		
15	256QAM	1	0	18.52	18.61	18.55	20.2	2
15	256QAM	1	37	18.64	18.58	18.57		
15	256QAM	1	74	18.61	18.64	18.64		
15	256QAM	36	0	18.52	18.61	18.71	20.2	2
15	256QAM	36	20	18.53	18.56	18.65		
15	256QAM	36	39	18.55	18.65	18.59		
15	256QAM	75	0	18.62	18.59	18.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.57	20.70	20.69	22.2	0
10	QPSK	1	25	20.62	20.62	20.59		
10	QPSK	1	49	20.59	20.61	20.59		
10	QPSK	25	0	20.62	20.63	20.58	22.2	0
10	QPSK	25	12	20.60	20.69	20.58		
10	QPSK	25	25	20.59	20.63	20.62		
10	QPSK	50	0	20.57	20.61	20.66		
10	16QAM	1	0	20.63	20.62	20.63	22.2	0
10	16QAM	1	25	20.63	20.57	20.59		
10	16QAM	1	49	20.68	20.65	20.58		
10	16QAM	25	0	20.56	20.61	20.54	22.2	0
10	16QAM	25	12	20.71	20.61	20.63		
10	16QAM	25	25	20.67	20.64	20.51		
10	16QAM	50	0	20.61	20.51	20.61		
10	64QAM	1	0	20.51	20.57	20.48	22.2	0
10	64QAM	1	25	20.56	20.64	20.57		
10	64QAM	1	49	20.65	20.55	20.57		
10	64QAM	25	0	20.57	20.65	20.62	22.2	0
10	64QAM	25	12	20.54	20.60	20.62		
10	64QAM	25	25	20.56	20.65	20.54		
10	64QAM	50	0	20.50	20.56	20.57		
10	256QAM	1	0	18.59	18.67	18.54	20.2	2
10	256QAM	1	25	18.62	18.62	18.61		
10	256QAM	1	49	18.62	18.64	18.53		
10	256QAM	25	0	18.51	18.61	18.64	20.2	2
10	256QAM	25	12	18.52	18.68	18.68		
10	256QAM	25	25	18.52	18.71	18.65		
10	256QAM	50	0	18.65	18.65	18.64		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.56	20.68	20.57	22.2	0
5	QPSK	1	12	20.59	20.55	20.66		
5	QPSK	1	24	20.57	20.56	20.61		
5	QPSK	12	0	20.67	20.54	20.52	22.2	0
5	QPSK	12	7	20.58	20.72	20.65		
5	QPSK	12	13	20.59	20.63	20.62		
5	QPSK	25	0	20.64	20.59	20.67		
5	16QAM	1	0	20.66	20.58	20.62	22.2	0
5	16QAM	1	12	20.62	20.53	20.54		
5	16QAM	1	24	20.59	20.59	20.62		
5	16QAM	12	0	20.52	20.61	20.51	22.2	0
5	16QAM	12	7	20.65	20.61	20.57		
5	16QAM	12	13	20.61	20.65	20.51		
5	16QAM	25	0	20.63	20.60	20.63		
5	64QAM	1	0	20.53	20.62	20.56	22.2	0
5	64QAM	1	12	20.56	20.71	20.56		
5	64QAM	1	24	20.57	20.65	20.59		
5	64QAM	12	0	20.64	20.61	20.66	22.2	0
5	64QAM	12	7	20.54	20.65	20.62		
5	64QAM	12	13	20.63	20.56	20.54		
5	64QAM	25	0	20.53	20.53	20.63		
5	256QAM	1	0	18.50	18.64	18.58	20.2	2
5	256QAM	1	12	18.57	18.67	18.63		
5	256QAM	1	24	18.63	18.65	18.60		
5	256QAM	12	0	18.53	18.64	18.67	20.2	2
5	256QAM	12	7	18.50	18.57	18.60		
5	256QAM	12	13	18.58	18.68	18.64		
5	256QAM	25	0	18.65	18.56	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	20.35	20.51	20.62	20.46	20.52	22.2	0
20	QPSK	1	49	20.32	20.47	20.52	20.33	20.43		
20	QPSK	1	99	20.33	20.42	20.49	20.30	20.53		
20	QPSK	50	0	20.22	20.38	20.58	20.34	20.39	22.2	0
20	QPSK	50	24	20.26	20.39	20.49	20.20	20.36		
20	QPSK	50	50	20.24	20.28	20.47	20.18	20.46		
20	QPSK	100	0	20.32	20.43	20.56	20.44	20.41		
20	16QAM	1	0	20.31	20.39	20.55	20.36	20.46	22.2	0
20	16QAM	1	49	20.21	20.38	20.41	20.29	20.36		
20	16QAM	1	99	20.23	20.37	20.36	20.21	20.46		
20	16QAM	50	0	20.30	20.42	20.56	20.41	20.40	22.2	0
20	16QAM	50	24	20.27	20.35	20.50	20.27	20.35		
20	16QAM	50	50	20.22	20.33	20.46	20.21	20.47		
20	16QAM	100	0	20.18	20.31	20.54	20.27	20.33		
20	64QAM	1	0	20.13	20.29	20.39	20.10	20.24	22.2	0
20	64QAM	1	49	20.13	20.25	20.43	20.08	20.42		
20	64QAM	1	99	20.29	20.35	20.45	20.36	20.32		
20	64QAM	50	0	20.24	20.43	20.51	20.39	20.46	22.2	0
20	64QAM	50	24	20.20	20.44	20.47	20.35	20.46		
20	64QAM	50	50	20.25	20.40	20.57	20.39	20.40		
20	64QAM	100	0	20.27	20.40	20.47	20.34	20.46		
20	256QAM	1	0	18.90	18.96	19.11	19.02	18.97	20.7	1.5
20	256QAM	1	49	18.80	19.01	19.13	18.98	18.97		
20	256QAM	1	99	18.85	18.98	19.07	18.97	18.99		
20	256QAM	50	0	18.88	19.00	19.14	18.97	19.05	20.7	1.5
20	256QAM	50	24	18.90	18.96	19.07	18.96	19.02		
20	256QAM	50	50	18.80	18.96	19.09	18.91	19.07		
20	256QAM	100	0	18.80	18.99	19.09	18.95	19.02		
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	20.20	20.44	20.48	20.38	20.47	22.20	0
15	QPSK	1	37	20.26	20.31	20.36	20.29	20.31		
15	QPSK	1	74	20.17	20.27	20.36	20.21	20.39		
15	QPSK	36	0	20.09	20.30	20.47	20.27	20.33	22.2	0
15	QPSK	36	20	20.15	20.30	20.42	20.15	20.25		
15	QPSK	36	39	20.14	20.21	20.35	20.04	20.39		
15	QPSK	75	0	20.19	20.31	20.40	20.34	20.31		
15	16QAM	1	0	20.23	20.30	20.50	20.21	20.31	22.2	0
15	16QAM	1	37	20.10	20.29	20.28	20.20	20.24		
15	16QAM	1	74	20.11	20.31	20.32	20.15	20.35		
15	16QAM	36	0	20.22	20.29	20.43	20.35	20.30	22.2	0
15	16QAM	36	20	20.22	20.27	20.37	20.19	20.24		
15	16QAM	36	39	20.11	20.23	20.36	20.14	20.37		
15	16QAM	75	0	20.13	20.22	20.39	20.19	20.24		
15	64QAM	1	0	20.00	20.20	20.31	20.03	20.14	22.2	0
15	64QAM	1	37	19.97	20.14	20.33	19.99	20.36		
15	64QAM	1	74	20.21	20.26	20.35	20.28	20.23		
15	64QAM	36	0	20.16	20.34	20.37	20.29	20.41	22.2	0
15	64QAM	36	20	20.09	20.32	20.41	20.21	20.41		
15	64QAM	36	39	20.19	20.36	20.51	20.31	20.32		
15	64QAM	75	0	20.20	20.31	20.33	20.23	20.41		
15	256QAM	1	0	18.79	18.81	19.01	18.88	18.84	20.7	1.5
15	256QAM	1	37	18.76	18.86	19.07	18.83	18.90		
15	256QAM	1	74	18.78	18.90	19.00	18.82	18.93		
15	256QAM	36	0	18.83	18.92	19.07	18.82	18.95	20.7	1.5
15	256QAM	36	20	18.84	18.87	19.01	18.88	18.94		
15	256QAM	36	39	18.73	18.88	18.96	18.77	18.92		
15	256QAM	75	0	18.66	18.93	19.01	18.87	18.93		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.28	20.36	20.52	20.42	20.39	22.20	0
10	QPSK	1	25	20.21	20.33	20.46	20.22	20.31		
10	QPSK	1	49	20.23	20.33	20.41	20.15	20.45		
10	QPSK	25	0	20.15	20.33	20.46	20.28	20.24	22.2	0
10	QPSK	25	12	20.19	20.27	20.35	20.06	20.21		
10	QPSK	25	25	20.18	20.13	20.32	20.04	20.38		
10	QPSK	50	0	20.28	20.31	20.45	20.35	20.27		
10	16QAM	1	0	20.20	20.28	20.48	20.29	20.41	22.2	0
10	16QAM	1	25	20.07	20.33	20.37	20.19	20.28		
10	16QAM	1	49	20.17	20.23	20.28	20.09	20.32		
10	16QAM	25	0	20.18	20.32	20.45	20.33	20.31	22.2	0
10	16QAM	25	12	20.19	20.20	20.42	20.16	20.19		
10	16QAM	25	25	20.10	20.27	20.30	20.14	20.36		
10	16QAM	50	0	20.06	20.21	20.47	20.12	20.28		
10	64QAM	1	0	20.05	20.22	20.34	20.05	20.11	22.2	0
10	64QAM	1	25	20.04	20.16	20.29	20.00	20.33		
10	64QAM	1	49	20.18	20.22	20.33	20.24	20.21		
10	64QAM	25	0	20.19	20.38	20.35	20.35	20.37	22.2	0
10	64QAM	25	12	20.07	20.35	20.40	20.22	20.41		
10	64QAM	25	25	20.18	20.35	20.52	20.26	20.32		
10	64QAM	50	0	20.14	20.26	20.33	20.21	20.31		
10	256QAM	1	0	18.79	18.86	19.04	18.93	18.92	20.7	1.5
10	256QAM	1	25	18.75	18.87	19.08	18.85	18.92		
10	256QAM	1	49	18.77	18.82	19.03	18.83	18.93		
10	256QAM	25	0	18.81	18.94	19.03	18.82	18.90	20.7	1.5
10	256QAM	25	12	18.76	18.85	19.01	18.84	18.91		
10	256QAM	25	25	18.75	18.80	19.00	18.77	18.96		
10	256QAM	50	0	18.70	18.89	18.99	18.90	18.91		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.24	20.39	20.52	20.35	20.42	22.20	0
5	QPSK	1	12	20.24	20.38	20.37	20.25	20.28		
5	QPSK	1	24	20.28	20.31	20.44	20.15	20.43		
5	QPSK	12	0	20.10	20.33	20.47	20.28	20.35	22.2	0
5	QPSK	12	7	20.12	20.32	20.41	20.11	20.24		
5	QPSK	12	13	20.15	20.15	20.39	20.10	20.42		
5	QPSK	25	0	20.24	20.37	20.44	20.38	20.29		
5	16QAM	1	0	20.17	20.34	20.42	20.23	20.41	22.2	0
5	16QAM	1	12	20.07	20.28	20.27	20.22	20.22		
5	16QAM	1	24	20.08	20.25	20.30	20.06	20.40		
5	16QAM	12	0	20.14	20.36	20.52	20.30	20.27	22.2	0
5	16QAM	12	7	20.15	20.21	20.38	20.12	20.22		
5	16QAM	12	13	20.15	20.23	20.34	20.12	20.37		
5	16QAM	25	0	20.13	20.16	20.47	20.15	20.24		
5	64QAM	1	0	20.02	20.22	20.33	20.02	20.14	22.2	0
5	64QAM	1	12	20.01	20.19	20.37	19.95	20.32		
5	64QAM	1	24	20.23	20.22	20.35	20.31	20.21		
5	64QAM	12	0	20.13	20.36	20.47	20.23	20.37	22.2	0
5	64QAM	12	7	20.05	20.35	20.36	20.25	20.31		
5	64QAM	12	13	20.19	20.32	20.49	20.29	20.30		
5	64QAM	25	0	20.15	20.25	20.34	20.25	20.37		
5	256QAM	1	0	18.79	18.86	19.05	18.89	18.85	20.7	1.5
5	256QAM	1	12	18.69	18.96	19.03	18.87	18.84		
5	256QAM	1	24	18.73	18.93	18.93	18.85	18.90		
5	256QAM	12	0	18.74	18.91	19.08	18.87	18.92	20.7	1.5
5	256QAM	12	7	18.82	18.89	18.94	18.88	18.95		
5	256QAM	12	13	18.75	18.85	19.01	18.80	18.99		
5	256QAM	25	0	18.72	18.92	18.94	18.90	18.97		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.81	24.85	24.81	25.7	0
20	QPSK	1	49	24.68	24.80	24.77		
20	QPSK	1	99	24.74	24.78	24.68		
20	QPSK	50	0	23.77	23.87	23.86	24.7	1
20	QPSK	50	24	23.72	23.85	23.81		
20	QPSK	50	50	23.69	23.73	23.66		
20	QPSK	100	0	23.82	23.85	23.79		
20	16QAM	1	0	23.82	23.83	23.78	24.7	1
20	16QAM	1	49	23.66	23.74	23.82		
20	16QAM	1	99	23.77	23.75	23.72		
20	16QAM	50	0	22.81	22.92	22.88	23.7	2
20	16QAM	50	24	22.72	22.81	22.86		
20	16QAM	50	50	22.71	22.70	22.68		
20	16QAM	100	0	22.79	22.82	22.85		
20	64QAM	1	0	22.83	22.81	22.73	23.7	2
20	64QAM	1	49	22.65	22.75	22.81		
20	64QAM	1	99	22.71	22.70	22.69		
20	64QAM	50	0	21.71	21.83	21.83	22.7	3
20	64QAM	50	24	21.66	21.90	21.77		
20	64QAM	50	50	21.63	21.68	21.71		
20	64QAM	100	0	21.83	21.90	21.80		
20	256QAM	1	0	19.72	19.89	19.83	20.7	5
20	256QAM	1	49	19.69	19.91	19.86		
20	256QAM	1	99	19.70	19.75	19.70		
20	256QAM	50	0	19.82	19.89	19.83	20.7	5
20	256QAM	50	24	19.83	19.78	19.76		
20	256QAM	50	50	19.62	19.77	19.86		
20	256QAM	100	0	19.77	19.73	19.74		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.74	24.75	24.71	25.7	0
15	QPSK	1	37	24.65	24.71	24.65		
15	QPSK	1	74	24.65	24.71	24.58		
15	QPSK	36	0	23.71	23.83	23.72	24.7	1
15	QPSK	36	20	23.60	23.72	23.77		
15	QPSK	36	39	23.56	23.66	23.55		
15	QPSK	75	0	23.79	23.80	23.65		
15	16QAM	1	0	23.76	23.74	23.75	24.7	1
15	16QAM	1	37	23.62	23.65	23.73		
15	16QAM	1	74	23.66	23.64	23.64		
15	16QAM	36	0	22.79	22.82	22.74	23.7	2
15	16QAM	36	20	22.64	22.68	22.77		
15	16QAM	36	39	22.61	22.68	22.61		
15	16QAM	75	0	22.75	22.79	22.75		
15	64QAM	1	0	22.80	22.73	22.62	23.7	2
15	64QAM	1	37	22.56	22.69	22.73		
15	64QAM	1	74	22.62	22.67	22.57		
15	64QAM	36	0	21.58	21.69	21.70	22.7	3
15	64QAM	36	20	21.58	21.78	21.74		
15	64QAM	36	39	21.50	21.64	21.61		
15	64QAM	75	0	21.73	21.80	21.68		
15	256QAM	1	0	19.58	19.77	19.72	20.7	5
15	256QAM	1	37	19.59	19.85	19.78		
15	256QAM	1	74	19.65	19.70	19.57		
15	256QAM	36	0	19.78	19.82	19.73	20.7	5
15	256QAM	36	20	19.79	19.66	19.69		
15	256QAM	36	39	19.57	19.74	19.72		
15	256QAM	75	0	19.66	19.64	19.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.79	24.72	24.74	25.7	0
10	QPSK	1	25	24.57	24.67	24.68		
10	QPSK	1	49	24.72	24.74	24.60		
10	QPSK	25	0	23.66	23.73	23.72	24.7	1
10	QPSK	25	12	23.68	23.77	23.76		
10	QPSK	25	25	23.60	23.69	23.62		
10	QPSK	50	0	23.69	23.82	23.70		
10	16QAM	1	0	23.76	23.71	23.65	24.7	1
10	16QAM	1	25	23.60	23.71	23.73		
10	16QAM	1	49	23.71	23.68	23.67		
10	16QAM	25	0	22.77	22.90	22.78	23.7	2
10	16QAM	25	12	22.70	22.75	22.78		
10	16QAM	25	25	22.65	22.66	22.56		
10	16QAM	50	0	22.73	22.78	22.81		
10	64QAM	1	0	22.80	22.79	22.65	23.7	2
10	64QAM	1	25	22.56	22.64	22.70		
10	64QAM	1	49	22.59	22.62	22.58		
10	64QAM	25	0	21.66	21.73	21.76	22.7	3
10	64QAM	25	12	21.60	21.87	21.72		
10	64QAM	25	25	21.61	21.65	21.62		
10	64QAM	50	0	21.71	21.80	21.73		
10	256QAM	1	0	19.63	19.82	19.72	20.7	5
10	256QAM	1	25	19.63	19.83	19.77		
10	256QAM	1	49	19.57	19.66	19.62		
10	256QAM	25	0	19.75	19.85	19.76	20.7	5
10	256QAM	25	12	19.75	19.69	19.72		
10	256QAM	25	25	19.60	19.64	19.73		
10	256QAM	50	0	19.66	19.68	19.66		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.71	24.72	24.75	25.7	0
5	QPSK	1	12	24.57	24.75	24.72		
5	QPSK	1	24	24.63	24.74	24.61		
5	QPSK	12	0	23.63	23.75	23.83	24.7	1
5	QPSK	12	7	23.67	23.83	23.68		
5	QPSK	12	13	23.65	23.60	23.63		
5	QPSK	25	0	23.69	23.79	23.71		
5	16QAM	1	0	23.79	23.74	23.68	24.7	1
5	16QAM	1	12	23.57	23.70	23.73		
5	16QAM	1	24	23.67	23.65	23.58		
5	16QAM	12	0	22.67	22.79	22.79	23.7	2
5	16QAM	12	7	22.64	22.68	22.81		
5	16QAM	12	13	22.59	22.60	22.55		
5	16QAM	25	0	22.67	22.70	22.76		
5	64QAM	1	0	22.70	22.71	22.66	23.7	2
5	64QAM	1	12	22.57	22.64	22.78		
5	64QAM	1	24	22.66	22.62	22.57		
5	64QAM	12	0	21.64	21.73	21.76	22.7	3
5	64QAM	12	7	21.62	21.78	21.75		
5	64QAM	12	13	21.59	21.64	21.63		
5	64QAM	25	0	21.76	21.83	21.76		
5	256QAM	1	0	19.69	19.79	19.79	20.7	5
5	256QAM	1	12	19.63	19.77	19.82		
5	256QAM	1	24	19.59	19.63	19.67		
5	256QAM	12	0	19.71	19.85	19.81	20.7	5
5	256QAM	12	7	19.81	19.74	19.70		
5	256QAM	12	13	19.50	19.64	19.81		
5	256QAM	25	0	19.73	19.60	19.64		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.81	24.78	24.85	24.76	24.77	25.7	0
20	QPSK	1	49	24.72	24.67	24.81	24.70	24.67		
20	QPSK	1	99	24.73	24.76	24.80	24.67	24.64		
20	QPSK	50	0	23.79	23.78	23.89	23.80	23.79	24.7	1
20	QPSK	50	24	23.69	23.69	23.78	23.66	23.63		
20	QPSK	50	50	23.74	23.74	23.82	23.66	23.67		
20	QPSK	100	0	23.84	23.80	23.86	23.70	23.72		
20	16QAM	1	0	23.83	23.78	23.83	23.81	23.75	24.7	1
20	16QAM	1	49	23.77	23.68	23.80	23.65	23.71		
20	16QAM	1	99	23.78	23.79	23.78	23.66	23.67		
20	16QAM	50	0	22.83	22.81	22.88	22.84	22.84	23.7	2
20	16QAM	50	24	22.65	22.74	22.76	22.61	22.63		
20	16QAM	50	50	22.71	22.70	22.81	22.67	22.62		
20	16QAM	100	0	22.79	22.86	22.80	22.68	22.75		
20	64QAM	1	0	22.82	22.75	22.80	22.76	22.73	23.7	2
20	64QAM	1	49	22.75	22.69	22.78	22.67	22.72		
20	64QAM	1	99	22.75	22.84	22.73	22.64	22.71		
20	64QAM	50	0	21.84	21.82	21.95	21.84	21.75	22.7	3
20	64QAM	50	24	21.68	21.69	21.78	21.66	21.63		
20	64QAM	50	50	21.76	21.69	21.79	21.65	21.67		
20	64QAM	100	0	21.88	21.82	21.91	21.64	21.70		
20	256QAM	1	0	19.79	19.79	19.86	19.85	19.74	20.7	5
20	256QAM	1	49	19.70	19.72	19.77	19.68	19.60		
20	256QAM	1	99	19.76	19.74	19.78	19.61	19.72		
20	256QAM	50	0	19.81	19.85	19.92	19.74	19.76	20.7	5
20	256QAM	50	24	19.78	19.74	19.88	19.83	19.70		
20	256QAM	50	50	19.83	19.65	19.84	19.64	19.67		
20	256QAM	100	0	19.82	19.79	19.79	19.70	19.69		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.69	24.67	24.81	24.68	24.73	25.70	0
15	QPSK	1	37	24.61	24.55	24.78	24.66	24.58		
15	QPSK	1	74	24.64	24.68	24.68	24.57	24.56		
15	QPSK	36	0	23.77	23.69	23.84	23.76	23.65	24.7	1
15	QPSK	36	20	23.64	23.64	23.72	23.56	23.49		
15	QPSK	36	39	23.63	23.68	23.72	23.55	23.54		
15	QPSK	75	0	23.81	23.73	23.83	23.60	23.63		
15	16QAM	1	0	23.74	23.74	23.70	23.72	23.64	24.7	1
15	16QAM	1	37	23.75	23.55	23.69	23.54	23.68		
15	16QAM	1	74	23.73	23.71	23.74	23.58	23.54		
15	16QAM	36	0	22.80	22.68	22.82	22.74	22.74	23.7	2
15	16QAM	36	20	22.56	22.63	22.69	22.52	22.52		
15	16QAM	36	39	22.65	22.67	22.69	22.60	22.49		
15	16QAM	75	0	22.75	22.73	22.74	22.63	22.65		
15	64QAM	1	0	22.71	22.65	22.71	22.71	22.61	23.7	2
15	64QAM	1	37	22.65	22.56	22.76	22.65	22.64		
15	64QAM	1	74	22.67	22.77	22.71	22.51	22.57		
15	64QAM	36	0	21.79	21.75	21.92	21.78	21.70	22.7	3
15	64QAM	36	20	21.57	21.65	21.65	21.54	21.50		
15	64QAM	36	39	21.69	21.58	21.73	21.56	21.60		
15	64QAM	75	0	21.77	21.75	21.85	21.60	21.59		
15	256QAM	1	0	19.68	19.72	19.78	19.74	19.66	20.7	5
15	256QAM	1	37	19.56	19.63	19.67	19.64	19.58		
15	256QAM	1	74	19.72	19.69	19.64	19.57	19.59		
15	256QAM	36	0	19.78	19.80	19.88	19.64	19.64	20.7	5
15	256QAM	36	20	19.69	19.67	19.81	19.76	19.63		
15	256QAM	36	39	19.70	19.55	19.79	19.52	19.60		
15	256QAM	75	0	19.75	19.75	19.68	19.68	19.59		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.73	24.68	24.80	24.67	24.65	25.70	0
10	QPSK	1	25	24.60	24.55	24.79	24.64	24.59		
10	QPSK	1	49	24.65	24.72	24.66	24.60	24.53		
10	QPSK	25	0	23.76	23.72	23.76	23.74	23.74	24.7	1
10	QPSK	25	12	23.62	23.60	23.70	23.63	23.50		
10	QPSK	25	25	23.67	23.69	23.79	23.58	23.57		
10	QPSK	50	0	23.73	23.67	23.75	23.65	23.64		
10	16QAM	1	0	23.80	23.72	23.77	23.68	23.64	24.7	1
10	16QAM	1	25	23.69	23.56	23.72	23.57	23.59		
10	16QAM	1	49	23.66	23.76	23.71	23.61	23.58		
10	16QAM	25	0	22.70	22.75	22.80	22.77	22.82	23.7	2
10	16QAM	25	12	22.59	22.61	22.69	22.49	22.51		
10	16QAM	25	25	22.63	22.59	22.68	22.54	22.49		
10	16QAM	50	0	22.77	22.79	22.73	22.65	22.69		
10	64QAM	1	0	22.69	22.69	22.67	22.67	22.62	23.7	2
10	64QAM	1	25	22.69	22.59	22.69	22.60	22.59		
10	64QAM	1	49	22.69	22.77	22.71	22.61	22.61		
10	64QAM	25	0	21.76	21.68	21.93	21.77	21.69	22.7	3
10	64QAM	25	12	21.64	21.56	21.75	21.57	21.54		
10	64QAM	25	25	21.72	21.56	21.72	21.59	21.59		
10	64QAM	50	0	21.83	21.68	21.81	21.56	21.57		
10	256QAM	1	0	19.68	19.67	19.75	19.75	19.69	20.7	5
10	256QAM	1	25	19.62	19.61	19.68	19.61	19.58		
10	256QAM	1	49	19.64	19.70	19.72	19.53	19.59		
10	256QAM	25	0	19.77	19.72	19.79	19.61	19.70	20.7	5
10	256QAM	25	12	19.72	19.71	19.82	19.72	19.59		
10	256QAM	25	25	19.75	19.61	19.73	19.60	19.57		
10	256QAM	50	0	19.74	19.67	19.66	19.59	19.66		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.73	24.65	24.78	24.63	24.70	25.70	0
5	QPSK	1	12	24.63	24.58	24.74	24.60	24.64		
5	QPSK	1	24	24.68	24.63	24.75	24.61	24.61		
5	QPSK	12	0	23.72	23.71	23.84	23.73	23.66	24.7	1
5	QPSK	12	7	23.62	23.62	23.74	23.61	23.55		
5	QPSK	12	13	23.60	23.70	23.75	23.62	23.56		
5	QPSK	25	0	23.79	23.66	23.80	23.56	23.64		
5	16QAM	1	0	23.71	23.75	23.77	23.70	23.72	24.7	1
5	16QAM	1	12	23.71	23.58	23.76	23.63	23.62		
5	16QAM	1	24	23.74	23.65	23.74	23.63	23.58		
5	16QAM	12	0	22.76	22.77	22.83	22.72	22.74	23.7	2
5	16QAM	12	7	22.56	22.67	22.73	22.55	22.52		
5	16QAM	12	13	22.57	22.58	22.75	22.54	22.48		
5	16QAM	25	0	22.68	22.83	22.66	22.64	22.66		
5	64QAM	1	0	22.76	22.61	22.70	22.72	22.70	23.7	2
5	64QAM	1	12	22.71	22.61	22.76	22.58	22.60		
5	64QAM	1	24	22.64	22.77	22.69	22.52	22.59		
5	64QAM	12	0	21.80	21.74	21.90	21.79	21.71	22.7	3
5	64QAM	12	7	21.55	21.56	21.76	21.53	21.54		
5	64QAM	12	13	21.65	21.63	21.71	21.54	21.62		
5	64QAM	25	0	21.79	21.70	21.86	21.55	21.59		
5	256QAM	1	0	19.75	19.68	19.83	19.76	19.65	20.7	5
5	256QAM	1	12	19.67	19.65	19.67	19.54	19.46		
5	256QAM	1	24	19.70	19.65	19.74	19.57	19.66		
5	256QAM	12	0	19.68	19.83	19.78	19.62	19.63	20.7	5
5	256QAM	12	7	19.67	19.65	19.77	19.78	19.68		
5	256QAM	12	13	19.70	19.60	19.73	19.60	19.57		
5	256QAM	25	0	19.69	19.68	19.66	19.67	19.61		

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BW [MHz]	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	22.21	22.24	22.18	23.5	0
20	QPSK	1	49	22.09	22.21	22.12		
20	QPSK	1	99	22.16	22.18	22.07		
20	QPSK	50	0	21.25	21.29	21.24	22.5	1
20	QPSK	50	24	21.05	21.21	21.14		
20	QPSK	50	50	21.11	21.20	21.05		
20	QPSK	100	0	21.21	21.26	21.16		
20	16QAM	1	0	21.17	21.25	21.19	22.5	1
20	16QAM	1	49	21.14	21.26	21.07		
20	16QAM	1	99	21.17	21.19	21.08		
20	16QAM	50	0	20.30	20.32	20.19	21.5	2
20	16QAM	50	24	19.99	20.18	20.15		
20	16QAM	50	50	20.14	20.25	20.00		
20	16QAM	100	0	20.21	20.23	20.11		
20	64QAM	1	0	20.18	20.29	20.17	21.5	2
20	64QAM	1	49	20.20	20.22	20.10		
20	64QAM	1	99	20.22	20.16	20.14		
20	64QAM	50	0	19.19	19.26	19.22	20.5	3
20	64QAM	50	24	19.08	19.19	19.17		
20	64QAM	50	50	19.14	19.18	19.00		
20	64QAM	100	0	19.23	19.24	19.12		
20	256QAM	1	0	17.28	17.32	17.22	18.5	5
20	256QAM	1	49	17.08	17.16	17.20		
20	256QAM	1	99	17.11	17.22	17.00		
20	256QAM	50	0	17.18	17.31	17.14	18.5	5
20	256QAM	50	24	17.22	17.22	17.18		
20	256QAM	50	50	17.19	17.31	17.13		
20	256QAM	100	0	17.20	17.18	17.06		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.17	22.18	22.13	23.5	0
15	QPSK	1	37	21.98	22.08	22.00		
15	QPSK	1	74	22.09	22.07	22.03		
15	QPSK	36	0	21.22	21.25	21.13	22.5	1
15	QPSK	36	20	20.91	21.13	21.09		
15	QPSK	36	39	21.03	21.13	20.92		
15	QPSK	75	0	21.11	21.16	21.08		
15	16QAM	1	0	21.04	21.12	21.13	22.5	1
15	16QAM	1	37	21.11	21.13	21.02		
15	16QAM	1	74	21.04	21.10	21.02		
15	16QAM	36	0	20.21	20.28	20.09	21.5	2
15	16QAM	36	20	19.93	20.14	20.07		
15	16QAM	36	39	20.07	20.21	19.94		
15	16QAM	75	0	20.14	20.10	19.99		
15	64QAM	1	0	20.05	20.22	20.06	21.5	2
15	64QAM	1	37	20.17	20.18	20.02		
15	64QAM	1	74	20.08	20.09	20.01		
15	64QAM	36	0	19.15	19.24	19.20	20.5	3
15	64QAM	36	20	18.94	19.15	19.13		
15	64QAM	36	39	19.04	19.08	18.87		
15	64QAM	75	0	19.11	19.15	19.04		
15	256QAM	1	0	17.19	17.20	17.16	18.5	5
15	256QAM	1	37	16.97	17.07	17.13		
15	256QAM	1	74	17.02	17.13	16.91		
15	256QAM	36	0	17.11	17.23	17.04	18.5	5
15	256QAM	36	20	17.19	17.20	17.12		
15	256QAM	36	39	17.10	17.20	16.99		
15	256QAM	75	0	17.09	17.09	17.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.07	22.16	22.15	23.5	0
10	QPSK	1	25	22.06	22.08	22.09		
10	QPSK	1	49	22.10	22.09	22.00		
10	QPSK	25	0	21.19	21.27	21.18	22.5	1
10	QPSK	25	12	20.99	21.13	21.00		
10	QPSK	25	25	21.02	21.11	20.95		
10	QPSK	50	0	21.11	21.18	21.02		
10	16QAM	1	0	21.10	21.17	21.15	22.5	1
10	16QAM	1	25	21.05	21.20	21.04		
10	16QAM	1	49	21.12	21.14	20.95		
10	16QAM	25	0	20.19	20.25	20.08	21.5	2
10	16QAM	25	12	19.90	20.12	20.05		
10	16QAM	25	25	20.07	20.12	19.97		
10	16QAM	50	0	20.18	20.14	19.97		
10	64QAM	1	0	20.14	20.24	20.05	21.5	2
10	64QAM	1	25	20.12	20.14	20.03		
10	64QAM	1	49	20.09	20.07	20.08		
10	64QAM	25	0	19.07	19.22	19.17	20.5	3
10	64QAM	25	12	19.03	19.08	19.05		
10	64QAM	25	25	19.01	19.11	18.89		
10	64QAM	50	0	19.15	19.13	19.03		
10	256QAM	1	0	17.26	17.23	17.16	18.5	5
10	256QAM	1	25	17.05	17.05	17.13		
10	256QAM	1	49	17.03	17.12	16.96		
10	256QAM	25	0	17.09	17.28	17.12	18.5	5
10	256QAM	25	12	17.17	17.12	17.12		
10	256QAM	25	25	17.16	17.29	17.07		
10	256QAM	50	0	17.10	17.05	17.00		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.16	22.18	22.11	23.5	0
5	QPSK	1	12	21.95	22.17	22.01		
5	QPSK	1	24	22.11	22.11	21.98		
5	QPSK	12	0	21.11	21.18	21.15	22.5	1
5	QPSK	12	7	20.94	21.14	21.12		
5	QPSK	12	13	20.97	21.15	21.00		
5	QPSK	25	0	21.09	21.15	21.14		
5	16QAM	1	0	21.11	21.12	21.15	22.5	1
5	16QAM	1	12	21.08	21.24	20.97		
5	16QAM	1	24	21.05	21.10	20.99		
5	16QAM	12	0	20.20	20.18	20.09	21.5	2
5	16QAM	12	7	19.93	20.16	20.04		
5	16QAM	12	13	20.00	20.13	19.89		
5	16QAM	25	0	20.14	20.17	20.03		
5	64QAM	1	0	20.10	20.25	20.13	21.5	2
5	64QAM	1	12	20.12	20.18	20.02		
5	64QAM	1	24	20.09	20.10	20.09		
5	64QAM	12	0	19.08	19.21	19.12	20.5	3
5	64QAM	12	7	19.02	19.09	19.05		
5	64QAM	12	13	19.04	19.11	18.88		
5	64QAM	25	0	19.18	19.16	18.98		
5	256QAM	1	0	17.23	17.25	17.14	18.5	5
5	256QAM	1	12	17.04	17.08	17.06		
5	256QAM	1	24	17.04	17.13	16.97		
5	256QAM	12	0	17.08	17.28	17.05	18.5	5
5	256QAM	12	7	17.12	17.20	17.11		
5	256QAM	12	13	17.13	17.28	17.03		
5	256QAM	25	0	17.15	17.05	16.98		

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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	20.63	20.77	20.84	20.62	20.62	22.5	0
20	QPSK	1	49	20.68	20.67	20.89	20.54	20.68		
20	QPSK	1	99	20.70	20.66	20.88	20.52	20.72		
20	QPSK	50	0	20.67	20.70	20.82	20.53	20.63	22.5	0
20	QPSK	50	24	20.63	20.71	20.87	20.63	20.72		
20	QPSK	50	50	20.60	20.67	20.84	20.55	20.61		
20	QPSK	100	0	20.61	20.69	20.82	20.64	20.69		
20	16QAM	1	0	20.60	20.67	20.87	20.58	20.69	22.5	0
20	16QAM	1	49	20.63	20.66	20.88	20.63	20.67		
20	16QAM	1	99	20.66	20.68	20.84	20.55	20.67		
20	16QAM	50	0	20.14	20.21	20.33	20.08	20.17	22	0.5
20	16QAM	50	24	20.14	20.21	20.33	20.08	20.17		
20	16QAM	50	50	20.14	20.21	20.33	20.08	20.17		
20	16QAM	100	0	20.14	20.21	20.33	20.08	20.17		
20	64QAM	1	0	20.14	20.21	20.33	20.08	20.17	22	0.5
20	64QAM	1	49	20.14	20.21	20.33	20.08	20.17		
20	64QAM	1	99	20.14	20.21	20.33	20.08	20.17		
20	64QAM	50	0	19.09	19.30	19.33	19.17	19.09	21	1.5
20	64QAM	50	24	19.15	19.24	19.32	19.09	19.16		
20	64QAM	50	50	19.14	19.22	19.32	19.13	19.17		
20	64QAM	100	0	19.18	19.26	19.32	19.06	19.18		
20	256QAM	1	0	17.07	17.29	17.39	17.11	17.14	19	3.5
20	256QAM	1	49	17.14	17.23	17.34	17.15	17.07		
20	256QAM	1	99	17.08	17.21	17.29	17.18	17.10		
20	256QAM	50	0	17.12	17.29	17.39	17.14	17.13	19	3.5
20	256QAM	50	24	17.09	17.33	17.38	17.15	17.12		
20	256QAM	50	50	17.08	17.25	17.30	17.14	17.13		
20	256QAM	100	0	17.11	17.25	17.28	17.09	17.13		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.52	20.68	20.69	20.49	20.54	22.50	0
15	QPSK	1	37	20.58	20.52	20.80	20.47	20.55		
15	QPSK	1	74	20.56	20.55	20.84	20.40	20.61		
15	QPSK	36	0	20.59	20.58	20.69	20.42	20.58	22.5	0
15	QPSK	36	20	20.47	20.59	20.81	20.50	20.65		
15	QPSK	36	39	20.53	20.60	20.77	20.42	20.45		
15	QPSK	75	0	20.53	20.54	20.66	20.59	20.54		
15	16QAM	1	0	20.47	20.57	20.82	20.44	20.63	22.5	0
15	16QAM	1	37	20.55	20.54	20.73	20.49	20.56		
15	16QAM	1	74	20.57	20.56	20.74	20.48	20.53		
15	16QAM	36	0	20.03	20.06	20.28	20.03	20.02	22	0.5
15	16QAM	36	20	20.03	20.08	20.23	20.01	20.01		
15	16QAM	36	39	19.99	20.08	20.18	20.01	20.09		
15	16QAM	75	0	20.00	20.15	20.24	19.99	20.03		
15	64QAM	1	0	20.00	20.16	20.23	20.02	20.06	22	0.5
15	64QAM	1	37	19.99	20.11	20.20	19.98	20.09		
15	64QAM	1	74	20.04	20.09	20.24	19.99	20.09		
15	64QAM	36	0	19.00	19.17	19.17	19.09	18.95	21	1.5
15	64QAM	36	20	19.09	19.09	19.23	19.04	19.03		
15	64QAM	36	39	19.01	19.15	19.25	18.98	19.09		
15	64QAM	75	0	19.09	19.13	19.21	18.97	19.02		
15	256QAM	1	0	16.93	17.22	17.31	17.02	17.00	19	3.5
15	256QAM	1	37	16.99	17.09	17.19	17.01	16.92		
15	256QAM	1	74	16.93	17.10	17.23	17.11	16.99		
15	256QAM	36	0	16.96	17.17	17.24	17.00	17.07	19	3.5
15	256QAM	36	20	17.02	17.18	17.30	17.01	16.98		
15	256QAM	36	39	16.97	17.16	17.17	17.04	17.00		
15	256QAM	75	0	16.97	17.09	17.18	16.93	16.99		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.58	20.72	20.71	20.53	20.55	22.50	0
10	QPSK	1	25	20.63	20.61	20.77	20.47	20.57		
10	QPSK	1	49	20.61	20.59	20.81	20.46	20.62		
10	QPSK	25	0	20.61	20.57	20.70	20.42	20.56	22.5	0
10	QPSK	25	12	20.52	20.59	20.75	20.54	20.58		
10	QPSK	25	25	20.49	20.54	20.69	20.50	20.48		
10	QPSK	50	0	20.48	20.63	20.74	20.53	20.60		
10	16QAM	1	0	20.50	20.57	20.73	20.44	20.63	22.5	0
10	16QAM	1	25	20.59	20.57	20.82	20.55	20.53		
10	16QAM	1	49	20.50	20.60	20.80	20.44	20.57		
10	16QAM	25	0	20.01	20.13	20.24	19.95	20.07	22	0.5
10	16QAM	25	12	20.06	20.17	20.25	19.99	20.11		
10	16QAM	25	25	20.04	20.07	20.28	20.04	20.12		
10	16QAM	50	0	20.00	20.11	20.17	19.97	20.08		
10	64QAM	1	0	20.01	20.07	20.21	19.98	20.04	22	0.5
10	64QAM	1	25	20.05	20.11	20.20	19.99	20.04		
10	64QAM	1	49	20.06	20.05	20.22	19.94	20.06		
10	64QAM	25	0	18.97	19.25	19.24	19.11	18.98	21	1.5
10	64QAM	25	12	19.06	19.09	19.17	18.96	19.03		
10	64QAM	25	25	18.99	19.13	19.17	19.08	19.04		
10	64QAM	50	0	19.02	19.21	19.26	18.95	19.13		
10	256QAM	1	0	16.95	17.21	17.28	17.01	17.00	19	3.5
10	256QAM	1	25	17.00	17.15	17.26	17.01	16.93		
10	256QAM	1	49	17.03	17.10	17.21	17.09	16.96		
10	256QAM	25	0	16.98	17.20	17.24	17.06	17.00	19	3.5
10	256QAM	25	12	17.04	17.21	17.28	17.08	17.04		
10	256QAM	25	25	16.95	17.11	17.18	17.09	16.99		
10	256QAM	50	0	16.98	17.10	17.22	17.00	17.06		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.52	20.68	20.78	20.51	20.47	22.50	0
5	QPSK	1	12	20.64	20.62	20.84	20.44	20.60		
5	QPSK	1	24	20.62	20.62	20.77	20.46	20.56		
5	QPSK	12	0	20.61	20.64	20.70	20.45	20.51	22.5	0
5	QPSK	12	7	20.53	20.56	20.72	20.53	20.59		
5	QPSK	12	13	20.50	20.55	20.80	20.50	20.54		
5	QPSK	25	0	20.46	20.58	20.67	20.50	20.62		
5	16QAM	1	0	20.52	20.52	20.71	20.43	20.61	22.5	0
5	16QAM	1	12	20.49	20.59	20.75	20.49	20.58		
5	16QAM	1	24	20.56	20.59	20.73	20.43	20.57		
5	16QAM	12	0	20.07	20.08	20.21	19.99	20.04	22	0.5
5	16QAM	12	7	20.05	20.06	20.17	19.98	20.10		
5	16QAM	12	13	20.04	20.13	20.29	20.00	20.03		
5	16QAM	25	0	20.02	20.06	20.25	20.02	20.09		
5	64QAM	1	0	20.08	20.08	20.18	19.98	20.08	22	0.5
5	64QAM	1	12	20.01	20.16	20.22	20.04	20.03		
5	64QAM	1	24	20.06	20.11	20.23	19.93	20.09		
5	64QAM	12	0	18.99	19.21	19.22	19.04	18.96	21	1.5
5	64QAM	12	7	19.01	19.17	19.22	19.05	19.10		
5	64QAM	12	13	19.00	19.17	19.18	19.00	19.03		
5	64QAM	25	0	19.05	19.19	19.23	19.00	19.09		
5	256QAM	1	0	16.96	17.20	17.29	17.02	17.01	19	3.5
5	256QAM	1	12	17.06	17.15	17.23	17.10	17.00		
5	256QAM	1	24	17.01	17.09	17.13	17.03	16.97		
5	256QAM	12	0	17.06	17.20	17.33	17.06	17.03	19	3.5
5	256QAM	12	7	16.94	17.25	17.23	17.02	17.06		
5	256QAM	12	13	16.96	17.10	17.20	16.99	16.99		
5	256QAM	25	0	16.96	17.19	17.24	16.98	16.99		

Reduced Power Mode for ECI5_Other PA

Band 5 Ant0 ECI5

BW [MHz]	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	25.16	25.37	25.12	25.7	0
10	QPSK	1	25	25.05	25.30	25.01		
10	QPSK	1	49	25.13	25.26	25.02		
10	QPSK	25	0	24.12	24.41	24.10	24.7	1
10	QPSK	25	12	23.99	24.27	24.02		
10	QPSK	25	25	24.12	24.28	24.05		
10	QPSK	50	0	24.13	24.35	24.15		
10	16QAM	1	0	24.21	24.34	24.16	24.7	1
10	16QAM	1	25	24.03	24.32	23.99		
10	16QAM	1	49	24.16	24.25	23.97		
10	16QAM	25	0	23.17	23.35	23.07	23.7	2
10	16QAM	25	12	23.02	23.33	22.97		
10	16QAM	25	25	23.16	23.29	23.09		
10	16QAM	50	0	23.08	23.37	23.21		
10	64QAM	1	0	23.26	23.29	23.21	23.7	2
10	64QAM	1	25	23.06	23.35	22.96		
10	64QAM	1	49	23.18	23.20	23.00		
10	64QAM	25	0	22.09	22.45	22.09	22.7	3
10	64QAM	25	12	22.02	22.25	22.07		
10	64QAM	25	25	22.17	22.23	22.02		
10	64QAM	50	0	22.09	22.32	22.21		
10	256QAM	1	0	20.10	20.43	20.12	20.7	5
10	256QAM	1	25	20.04	20.30	20.06		
10	256QAM	1	49	20.13	20.23	20.09		
10	256QAM	25	0	20.19	20.40	20.11	20.7	5
10	256QAM	25	12	20.22	20.32	20.15		
10	256QAM	25	25	19.98	20.28	19.95		
10	256QAM	50	0	20.13	20.20	20.02		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.14	25.24	25.07	25.7	0
5	QPSK	1	12	24.92	25.25	24.87		
5	QPSK	1	24	25.00	25.21	24.97		
5	QPSK	12	0	24.03	24.38	23.96	24.7	1
5	QPSK	12	7	23.86	24.19	23.91		
5	QPSK	12	13	24.05	24.22	24.00		
5	QPSK	25	0	24.06	24.26	24.11		
5	16QAM	1	0	24.11	24.28	24.09	24.7	1
5	16QAM	1	12	23.97	24.20	23.95		
5	16QAM	1	24	24.10	24.21	23.92		
5	16QAM	12	0	23.03	23.28	22.94	23.7	2
5	16QAM	12	7	22.93	23.22	22.92		
5	16QAM	12	13	23.04	23.17	23.06		
5	16QAM	25	0	22.95	23.30	23.08		
5	64QAM	1	0	23.21	23.25	23.18	23.7	2
5	64QAM	1	12	23.02	23.32	22.91		
5	64QAM	1	24	23.06	23.17	22.92		
5	64QAM	12	0	22.07	22.35	22.05	22.7	3
5	64QAM	12	7	21.97	22.14	21.95		
5	64QAM	12	13	22.13	22.18	21.90		
5	64QAM	25	0	22.00	22.21	22.16		
5	256QAM	1	0	19.99	20.37	20.05	20.7	5
5	256QAM	1	12	19.93	20.24	20.02		
5	256QAM	1	24	20.08	20.11	20.02		
5	256QAM	12	0	20.05	20.35	19.98	20.7	5
5	256QAM	12	7	20.12	20.29	20.09		
5	256QAM	12	13	19.86	20.17	19.90		
5	256QAM	25	0	20.08	20.11	19.94		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.07	25.23	25.03	25.7	0
3	QPSK	1	8	24.99	25.20	24.91		
3	QPSK	1	14	25.05	25.17	24.88		
3	QPSK	8	0	24.07	24.33	24.02	24.7	1
3	QPSK	8	4	23.91	24.14	23.94		
3	QPSK	8	7	24.05	24.25	24.00		
3	QPSK	15	0	24.02	24.29	24.09		
3	16QAM	1	0	24.12	24.31	24.10	24.7	1
3	16QAM	1	8	23.94	24.22	23.86		
3	16QAM	1	14	24.09	24.13	23.94		
3	16QAM	8	0	23.12	23.23	22.97	23.7	2
3	16QAM	8	4	22.92	23.30	22.85		
3	16QAM	8	7	23.02	23.25	23.07		
3	16QAM	15	0	23.02	23.30	23.09		
3	64QAM	1	0	23.24	23.23	23.15	23.7	2
3	64QAM	1	8	22.93	23.29	22.88		
3	64QAM	1	14	23.05	23.16	22.97		
3	64QAM	8	0	21.95	22.38	22.05	22.7	3
3	64QAM	8	4	21.97	22.15	21.98		
3	64QAM	8	7	22.13	22.21	21.99		
3	64QAM	15	0	21.95	22.21	22.09		
3	256QAM	1	0	20.07	20.39	20.10	20.7	5
3	256QAM	1	8	19.94	20.18	20.00		
3	256QAM	1	14	20.07	20.12	19.96		
3	256QAM	8	0	20.16	20.27	20.05	20.7	5
3	256QAM	8	4	20.11	20.24	20.01		
3	256QAM	8	7	19.90	20.21	19.83		
3	256QAM	15	0	20.07	20.14	19.92		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.14	25.30	24.98	25.7	0
1.4	QPSK	1	3	24.93	25.27	24.91		
1.4	QPSK	1	5	25.01	25.22	24.97		
1.4	QPSK	3	0	25.03	25.25	24.91		
1.4	QPSK	3	1	24.80	25.14	24.88		
1.4	QPSK	3	3	24.93	25.13	24.93		
1.4	QPSK	6	0	24.07	24.30	24.02	24.7	1
1.4	16QAM	1	0	24.15	24.28	24.14	24.7	1
1.4	16QAM	1	3	23.95	24.25	23.92		
1.4	16QAM	1	5	24.08	24.12	23.95		
1.4	16QAM	3	0	24.01	24.22	24.00		
1.4	16QAM	3	1	24.01	24.18	24.02		
1.4	16QAM	3	3	23.92	24.22	23.87		
1.4	16QAM	6	0	23.02	23.34	23.17	23.7	2
1.4	64QAM	1	0	23.19	23.24	23.10	23.7	2
1.4	64QAM	1	3	22.95	23.24	22.86		
1.4	64QAM	1	5	23.12	23.15	22.91		
1.4	64QAM	3	0	22.96	23.27	23.15		
1.4	64QAM	3	1	23.12	23.13	23.04		
1.4	64QAM	3	3	22.88	23.14	22.80		
1.4	64QAM	6	0	21.97	22.25	22.10	22.7	3
1.4	256QAM	1	0	19.97	20.34	20.01	20.7	5
1.4	256QAM	1	3	20.02	20.22	19.96		
1.4	256QAM	1	5	20.07	20.16	20.02		
1.4	256QAM	3	0	20.14	20.33	19.98		
1.4	256QAM	3	1	20.14	20.27	20.12		
1.4	256QAM	3	3	19.94	20.20	19.85		
1.4	256QAM	6	0	20.00	20.12	19.94	20.7	5

Band 5 Ant1 ECI5

BW [MHz]	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	21.76	21.85	21.69	22.2	0
10	QPSK	1	25	21.76	21.71	21.62		
10	QPSK	1	49	21.78	21.71	21.65		
10	QPSK	25	0	21.71	21.83	21.60	22.2	0
10	QPSK	25	12	21.70	21.75	21.48		
10	QPSK	25	25	21.63	21.63	21.45		
10	QPSK	50	0	21.71	21.82	21.68		
10	16QAM	1	0	21.69	21.80	21.63	22.2	0
10	16QAM	1	25	21.65	21.57	21.52		
10	16QAM	1	49	21.73	21.62	21.54		
10	16QAM	25	0	21.68	21.79	21.47	22.2	0
10	16QAM	25	12	21.59	21.70	21.35		
10	16QAM	25	25	21.50	21.54	21.40		
10	16QAM	50	0	21.59	21.70	21.57		
10	64QAM	1	0	21.63	21.81	21.59	22.2	0
10	64QAM	1	25	21.62	21.61	21.50		
10	64QAM	1	49	21.68	21.65	21.61		
10	64QAM	25	0	21.62	21.79	21.48	22.2	0
10	64QAM	25	12	21.62	21.72	21.44		
10	64QAM	25	25	21.52	21.51	21.39		
10	64QAM	50	0	21.68	21.75	21.59		
10	256QAM	1	0	20.30	20.30	20.22	20.7	1.5
10	256QAM	1	25	20.27	20.17	20.06		
10	256QAM	1	49	20.22	20.16	20.14		
10	256QAM	25	0	20.24	20.34	20.07	20.7	1.5
10	256QAM	25	12	20.21	20.24	19.94		
10	256QAM	25	25	20.09	20.17	19.96		
10	256QAM	50	0	20.25	20.29	20.16		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.72	21.76	21.65	22.2	0
5	QPSK	1	12	21.68	21.63	21.48		
5	QPSK	1	24	21.74	21.65	21.60		
5	QPSK	12	0	21.61	21.78	21.57	22.2	0
5	QPSK	12	7	21.57	21.66	21.42		
5	QPSK	12	13	21.50	21.56	21.33		
5	QPSK	25	0	21.62	21.71	21.54		
5	16QAM	1	0	21.59	21.72	21.54	22.2	0
5	16QAM	1	12	21.53	21.52	21.41		
5	16QAM	1	24	21.62	21.58	21.50		
5	16QAM	12	0	21.54	21.67	21.38	22.2	0
5	16QAM	12	7	21.56	21.67	21.28		
5	16QAM	12	13	21.46	21.46	21.31		
5	16QAM	25	0	21.46	21.59	21.52		
5	64QAM	1	0	21.51	21.79	21.51	22.2	0
5	64QAM	1	12	21.52	21.59	21.47		
5	64QAM	1	24	21.54	21.57	21.48		
5	64QAM	12	0	21.53	21.66	21.45	22.2	0
5	64QAM	12	7	21.59	21.66	21.37		
5	64QAM	12	13	21.47	21.47	21.30		
5	64QAM	25	0	21.56	21.72	21.51		
5	256QAM	1	0	20.20	20.21	20.10	20.7	1.5
5	256QAM	1	12	20.19	20.11	19.95		
5	256QAM	1	24	20.16	20.07	20.07		
5	256QAM	12	0	20.12	20.23	20.00	20.7	1.5
5	256QAM	12	7	20.13	20.19	19.90		
5	256QAM	12	13	20.02	20.14	19.89		
5	256QAM	25	0	20.15	20.21	20.13		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.66	21.75	21.55	22.2	0
3	QPSK	1	8	21.66	21.67	21.59		
3	QPSK	1	14	21.67	21.66	21.52		
3	QPSK	8	0	21.66	21.80	21.48	22.2	0
3	QPSK	8	4	21.62	21.62	21.44		
3	QPSK	8	7	21.55	21.60	21.39		
3	QPSK	15	0	21.68	21.77	21.60		
3	16QAM	1	0	21.55	21.69	21.52	22.2	0
3	16QAM	1	8	21.54	21.45	21.38		
3	16QAM	1	14	21.62	21.57	21.43		
3	16QAM	8	0	21.64	21.67	21.40	22.2	0
3	16QAM	8	4	21.54	21.62	21.30		
3	16QAM	8	7	21.41	21.49	21.31		
3	16QAM	15	0	21.53	21.64	21.47		
3	64QAM	1	0	21.52	21.70	21.51	22.2	0
3	64QAM	1	8	21.50	21.53	21.42		
3	64QAM	1	14	21.60	21.57	21.58		
3	64QAM	8	0	21.53	21.73	21.35	22.2	0
3	64QAM	8	4	21.60	21.59	21.39		
3	64QAM	8	7	21.43	21.37	21.30		
3	64QAM	15	0	21.61	21.71	21.49		
3	256QAM	1	0	20.28	20.22	20.17	20.7	1.5
3	256QAM	1	8	20.14	20.08	19.93		
3	256QAM	1	14	20.20	20.07	20.04		
3	256QAM	8	0	20.21	20.30	20.01	20.7	1.5
3	256QAM	8	4	20.13	20.20	19.91		
3	256QAM	8	7	19.98	20.07	19.94		
3	256QAM	15	0	20.20	20.20	20.07		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.69	21.74	21.64	22.2	0
1.4	QPSK	1	3	21.62	21.60	21.49		
1.4	QPSK	1	5	21.66	21.62	21.59		
1.4	QPSK	3	0	21.63	21.78	21.57		
1.4	QPSK	3	1	21.61	21.67	21.41		
1.4	QPSK	3	3	21.60	21.59	21.42		
1.4	QPSK	6	0	21.63	21.71	21.66	22.2	0
1.4	16QAM	1	0	21.61	21.78	21.49	22.2	0
1.4	16QAM	1	3	21.57	21.43	21.42		
1.4	16QAM	1	5	21.64	21.50	21.49		
1.4	16QAM	3	0	21.58	21.70	21.44		
1.4	16QAM	3	1	21.56	21.60	21.23		
1.4	16QAM	3	3	21.40	21.42	21.27		
1.4	16QAM	6	0	21.53	21.59	21.45	22.2	0
1.4	64QAM	1	0	21.60	21.74	21.47	22.2	0
1.4	64QAM	1	3	21.56	21.57	21.45		
1.4	64QAM	1	5	21.64	21.54	21.54		
1.4	64QAM	3	0	21.52	21.76	21.44		
1.4	64QAM	3	1	21.51	21.59	21.42		
1.4	64QAM	3	3	21.40	21.40	21.31		
1.4	64QAM	6	0	21.63	21.66	21.47	22.2	0
1.4	256QAM	1	0	20.24	20.17	20.15	20.7	1.5
1.4	256QAM	1	3	20.17	20.08	20.02		
1.4	256QAM	1	5	20.08	20.04	20.02		
1.4	256QAM	3	0	20.14	20.26	20.01		
1.4	256QAM	3	1	20.13	20.19	19.86		
1.4	256QAM	3	3	19.95	20.08	19.86		
1.4	256QAM	6	0	20.19	20.21	20.08	20.7	1.5

Band 7 Ant2 ECI5

BW [MHz]	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	20.51	20.52	20.50	21.5	0
20	QPSK	1	49	20.34	20.44	20.40		
20	QPSK	1	99	20.42	20.51	20.44		
20	QPSK	50	0	20.45	20.47	20.40	21.5	0
20	QPSK	50	24	20.25	20.42	20.32		
20	QPSK	50	50	20.28	20.43	20.37		
20	QPSK	100	0	20.39	20.46	20.42		
20	16QAM	1	0	20.47	20.45	20.47	21.5	0
20	16QAM	1	49	20.29	20.34	20.29		
20	16QAM	1	99	20.37	20.48	20.38		
20	16QAM	50	0	20.36	20.40	20.32	21.5	0
20	16QAM	50	24	20.13	20.30	20.23		
20	16QAM	50	50	20.21	20.35	20.33		
20	16QAM	100	0	20.34	20.35	20.34		
20	64QAM	1	0	20.40	20.40	20.43	21.5	0
20	64QAM	1	49	20.21	20.27	20.25		
20	64QAM	1	99	20.28	20.38	20.30		
20	64QAM	50	0	20.33	20.35	20.36	21.5	0
20	64QAM	50	24	20.15	20.37	20.26		
20	64QAM	50	50	20.23	20.33	20.30		
20	64QAM	100	0	20.29	20.40	20.28		
20	256QAM	1	0	19.51	19.52	19.34	20.5	1
20	256QAM	1	49	19.28	19.39	19.30		
20	256QAM	1	99	19.32	19.42	19.39		
20	256QAM	50	0	19.40	19.43	19.44	20.5	1
20	256QAM	50	24	19.49	19.45	19.48		
20	256QAM	50	50	19.34	19.35	19.26		
20	256QAM	100	0	19.41	19.45	19.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.44	20.41	20.37	21.5	0
15	QPSK	1	37	20.31	20.37	20.35		
15	QPSK	1	74	20.28	20.44	20.33		
15	QPSK	36	0	20.34	20.42	20.34	21.5	0
15	QPSK	36	20	20.11	20.31	20.25		
15	QPSK	36	39	20.22	20.30	20.28		
15	QPSK	75	0	20.36	20.40	20.38		
15	16QAM	1	0	20.38	20.38	20.40	21.5	0
15	16QAM	1	37	20.21	20.24	20.18		
15	16QAM	1	74	20.30	20.43	20.25		
15	16QAM	36	0	20.23	20.32	20.24	21.5	0
15	16QAM	36	20	20.06	20.23	20.16		
15	16QAM	36	39	20.14	20.24	20.31		
15	16QAM	75	0	20.26	20.30	20.23		
15	64QAM	1	0	20.36	20.31	20.34	21.5	0
15	64QAM	1	37	20.11	20.21	20.22		
15	64QAM	1	74	20.19	20.36	20.17		
15	64QAM	36	0	20.25	20.25	20.24	21.5	0
15	64QAM	36	20	20.08	20.30	20.13		
15	64QAM	36	39	20.20	20.21	20.20		
15	64QAM	75	0	20.24	20.34	20.26		
15	256QAM	1	0	19.44	19.46	19.31	20.5	1
15	256QAM	1	37	19.17	19.37	19.22		
15	256QAM	1	74	19.26	19.34	19.35		
15	256QAM	36	0	19.27	19.34	19.37	20.5	1
15	256QAM	36	20	19.41	19.42	19.37		
15	256QAM	36	39	19.24	19.25	19.21		
15	256QAM	75	0	19.27	19.33	19.31		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.42	20.42	20.40	21.5	0
10	QPSK	1	25	20.25	20.36	20.28		
10	QPSK	1	49	20.29	20.39	20.36		
10	QPSK	25	0	20.42	20.35	20.30	21.5	0
10	QPSK	25	12	20.18	20.33	20.23		
10	QPSK	25	25	20.18	20.36	20.26		
10	QPSK	50	0	20.35	20.38	20.33		
10	16QAM	1	0	20.42	20.33	20.34	21.5	0
10	16QAM	1	25	20.24	20.22	20.19		
10	16QAM	1	49	20.30	20.35	20.31		
10	16QAM	25	0	20.26	20.36	20.28	21.5	0
10	16QAM	25	12	20.07	20.17	20.15		
10	16QAM	25	25	20.19	20.24	20.21		
10	16QAM	50	0	20.22	20.29	20.25		
10	64QAM	1	0	20.30	20.34	20.34	21.5	0
10	64QAM	1	25	20.08	20.24	20.12		
10	64QAM	1	49	20.23	20.28	20.25		
10	64QAM	25	0	20.21	20.32	20.33	21.5	0
10	64QAM	25	12	20.07	20.29	20.16		
10	64QAM	25	25	20.16	20.24	20.28		
10	64QAM	50	0	20.24	20.26	20.17		
10	256QAM	1	0	19.42	19.48	19.30	20.5	1
10	256QAM	1	25	19.20	19.31	19.27		
10	256QAM	1	49	19.20	19.39	19.32		
10	256QAM	25	0	19.30	19.38	19.36	20.5	1
10	256QAM	25	12	19.43	19.42	19.36		
10	256QAM	25	25	19.25	19.30	19.17		
10	256QAM	50	0	19.37	19.42	19.33		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.44	20.40	20.48	21.5	0
5	QPSK	1	12	20.25	20.36	20.38		
5	QPSK	1	24	20.37	20.45	20.41		
5	QPSK	12	0	20.41	20.39	20.32	21.5	0
5	QPSK	12	7	20.22	20.32	20.26		
5	QPSK	12	13	20.15	20.31	20.33		
5	QPSK	25	0	20.32	20.36	20.30		
5	16QAM	1	0	20.40	20.36	20.39	21.5	0
5	16QAM	1	12	20.17	20.20	20.23		
5	16QAM	1	24	20.32	20.44	20.34		
5	16QAM	12	0	20.28	20.33	20.21	21.5	0
5	16QAM	12	7	20.09	20.25	20.12		
5	16QAM	12	13	20.14	20.21	20.22		
5	16QAM	25	0	20.32	20.30	20.26		
5	64QAM	1	0	20.27	20.35	20.29	21.5	0
5	64QAM	1	12	20.11	20.22	20.21		
5	64QAM	1	24	20.19	20.25	20.19		
5	64QAM	12	0	20.29	20.24	20.31	21.5	0
5	64QAM	12	7	20.03	20.29	20.19		
5	64QAM	12	13	20.17	20.21	20.26		
5	64QAM	25	0	20.22	20.33	20.22		
5	256QAM	1	0	19.45	19.46	19.27	20.5	1
5	256QAM	1	12	19.23	19.32	19.25		
5	256QAM	1	24	19.26	19.36	19.34		
5	256QAM	12	0	19.35	19.39	19.34	20.5	1
5	256QAM	12	7	19.36	19.36	19.44		
5	256QAM	12	13	19.25	19.25	19.21		
5	256QAM	25	0	19.39	19.40	19.27		

Band 7 Ant3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.52	18.57	18.51	19.7	0
20	QPSK	1	49	18.45	18.47	18.36		
20	QPSK	1	99	18.39	18.42	18.34		
20	QPSK	50	0	18.41	18.52	18.48	19.7	0
20	QPSK	50	24	18.34	18.37	18.34		
20	QPSK	50	50	18.37	18.31	18.23		
20	QPSK	100	0	18.45	18.51	18.42		
20	16QAM	1	0	18.50	18.47	18.38	19.7	0
20	16QAM	1	49	18.37	18.33	18.23		
20	16QAM	1	99	18.27	18.38	18.28		
20	16QAM	50	0	18.41	18.46	18.38	19.7	0
20	16QAM	50	24	18.41	18.37	18.25		
20	16QAM	50	50	18.28	18.36	18.29		
20	16QAM	100	0	18.28	18.49	18.38		
20	64QAM	1	0	18.28	18.32	18.28	19.7	0
20	64QAM	1	49	18.33	18.18	18.21		
20	64QAM	1	99	18.42	18.48	18.37		
20	64QAM	50	0	18.38	18.44	18.48	19.7	0
20	64QAM	50	24	18.35	18.40	18.27		
20	64QAM	50	50	18.29	18.40	18.26		
20	64QAM	100	0	18.28	18.48	18.37		
20	256QAM	1	0	18.40	18.43	18.40	19.7	0
20	256QAM	1	49	18.38	18.43	18.26		
20	256QAM	1	99	18.36	18.31	18.21		
20	256QAM	50	0	18.34	18.42	18.44	19.7	0
20	256QAM	50	24	18.28	18.35	18.31		
20	256QAM	50	50	18.26	18.20	18.19		
20	256QAM	100	0	18.37	18.49	18.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.47	18.44	18.45	19.7	0
15	QPSK	1	37	18.37	18.43	18.28		
15	QPSK	1	74	18.32	18.33	18.21		
15	QPSK	36	0	18.29	18.40	18.46	19.7	0
15	QPSK	36	20	18.24	18.33	18.29		
15	QPSK	36	39	18.31	18.25	18.16		
15	QPSK	75	0	18.37	18.43	18.37		
15	16QAM	1	0	18.45	18.36	18.34	19.7	0
15	16QAM	1	37	18.24	18.27	18.20		
15	16QAM	1	74	18.15	18.32	18.26		
15	16QAM	36	0	18.35	18.36	18.32	19.7	0
15	16QAM	36	20	18.32	18.35	18.16		
15	16QAM	36	39	18.17	18.25	18.24		
15	16QAM	75	0	18.15	18.44	18.27		
15	64QAM	1	0	18.22	18.29	18.18	19.7	0
15	64QAM	1	37	18.26	18.09	18.12		
15	64QAM	1	74	18.33	18.39	18.34		
15	64QAM	36	0	18.25	18.33	18.38	19.7	0
15	64QAM	36	20	18.30	18.36	18.15		
15	64QAM	36	39	18.27	18.37	18.22		
15	64QAM	75	0	18.16	18.44	18.31		
15	256QAM	1	0	18.28	18.36	18.35	19.7	0
15	256QAM	1	37	18.36	18.35	18.23		
15	256QAM	1	74	18.24	18.28	18.13		
15	256QAM	36	0	18.22	18.36	18.38	19.7	0
15	256QAM	36	20	18.15	18.23	18.28		
15	256QAM	36	39	18.22	18.17	18.09		
15	256QAM	75	0	18.29	18.38	18.24		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.39	18.49	18.45	19.7	0
10	QPSK	1	25	18.35	18.33	18.25		
10	QPSK	1	49	18.29	18.36	18.30		
10	QPSK	25	0	18.35	18.46	18.42	19.7	0
10	QPSK	25	12	18.23	18.27	18.29		
10	QPSK	25	25	18.29	18.25	18.18		
10	QPSK	50	0	18.39	18.48	18.34		
10	16QAM	1	0	18.37	18.35	18.27	19.7	0
10	16QAM	1	25	18.27	18.24	18.20		
10	16QAM	1	49	18.21	18.28	18.18		
10	16QAM	25	0	18.34	18.36	18.32	19.7	0
10	16QAM	25	12	18.28	18.28	18.20		
10	16QAM	25	25	18.16	18.26	18.22		
10	16QAM	50	0	18.23	18.41	18.31		
10	64QAM	1	0	18.15	18.25	18.17	19.7	0
10	64QAM	1	25	18.27	18.08	18.17		
10	64QAM	1	49	18.34	18.45	18.29		
10	64QAM	25	0	18.32	18.40	18.40	19.7	0
10	64QAM	25	12	18.22	18.35	18.25		
10	64QAM	25	25	18.21	18.29	18.15		
10	64QAM	50	0	18.15	18.35	18.27		
10	256QAM	1	0	18.31	18.36	18.33	19.7	0
10	256QAM	1	25	18.27	18.31	18.17		
10	256QAM	1	49	18.24	18.25	18.13		
10	256QAM	25	0	18.25	18.32	18.34	19.7	0
10	256QAM	25	12	18.18	18.32	18.23		
10	256QAM	25	25	18.14	18.13	18.12		
10	256QAM	50	0	18.33	18.43	18.18		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.43	18.43	18.42	19.7	0
5	QPSK	1	12	18.32	18.41	18.23		
5	QPSK	1	24	18.36	18.37	18.20		
5	QPSK	12	0	18.38	18.44	18.38	19.7	0
5	QPSK	12	7	18.22	18.31	18.22		
5	QPSK	12	13	18.33	18.17	18.20		
5	QPSK	25	0	18.34	18.41	18.34		
5	16QAM	1	0	18.40	18.42	18.31	19.7	0
5	16QAM	1	12	18.34	18.31	18.20		
5	16QAM	1	24	18.14	18.29	18.26		
5	16QAM	12	0	18.37	18.33	18.25	19.7	0
5	16QAM	12	7	18.34	18.31	18.13		
5	16QAM	12	13	18.18	18.33	18.21		
5	16QAM	25	0	18.22	18.37	18.34		
5	64QAM	1	0	18.17	18.19	18.16	19.7	0
5	64QAM	1	12	18.30	18.15	18.08		
5	64QAM	1	24	18.31	18.43	18.31		
5	64QAM	12	0	18.35	18.30	18.40	19.7	0
5	64QAM	12	7	18.28	18.27	18.17		
5	64QAM	12	13	18.16	18.36	18.23		
5	64QAM	25	0	18.25	18.43	18.26		
5	256QAM	1	0	18.38	18.38	18.30	19.7	0
5	256QAM	1	12	18.33	18.39	18.22		
5	256QAM	1	24	18.29	18.22	18.12		
5	256QAM	12	0	18.27	18.37	18.34	19.7	0
5	256QAM	12	7	18.17	18.21	18.23		
5	256QAM	12	13	18.20	18.13	18.10		
5	256QAM	25	0	18.34	18.36	18.21		

Band 7 Ant4 ECI5

BW [MHz]	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	16.52	16.55	16.46	17.2	0
20	QPSK	1	49	16.40	16.39	16.31		
20	QPSK	1	99	16.33	16.42	16.41		
20	QPSK	50	0	16.40	16.50	16.34	17.2	0
20	QPSK	50	24	16.40	16.37	16.33		
20	QPSK	50	50	16.38	16.42	16.25		
20	QPSK	100	0	16.43	16.48	16.39		
20	16QAM	1	0	16.46	16.41	16.31	17.2	0
20	16QAM	1	49	16.34	16.21	16.24		
20	16QAM	1	99	16.42	16.31	16.23		
20	16QAM	50	0	16.29	16.40	16.28	17.2	0
20	16QAM	50	24	16.42	16.15	16.26		
20	16QAM	50	50	16.18	16.28	16.22		
20	16QAM	100	0	16.33	16.36	16.23		
20	64QAM	1	0	16.35	16.43	16.31	17.2	0
20	64QAM	1	49	16.27	16.09	16.18		
20	64QAM	1	99	16.24	16.30	16.23		
20	64QAM	50	0	16.31	16.33	16.30	17.2	0
20	64QAM	50	24	16.36	16.34	16.22		
20	64QAM	50	50	16.25	16.24	16.22		
20	64QAM	100	0	16.31	16.30	16.39		
20	256QAM	1	0	16.32	16.38	16.37	17.2	0
20	256QAM	1	49	16.34	16.19	16.23		
20	256QAM	1	99	16.34	16.29	16.10		
20	256QAM	50	0	16.29	16.45	16.25	17.2	0
20	256QAM	50	24	16.31	16.27	16.29		
20	256QAM	50	50	16.21	16.14	16.10		
20	256QAM	100	0	16.32	16.21	16.27		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.47	16.42	16.39	17.2	0
15	QPSK	1	37	16.28	16.31	16.19		
15	QPSK	1	74	16.19	16.33	16.36		
15	QPSK	36	0	16.37	16.45	16.24	17.2	0
15	QPSK	36	20	16.28	16.30	16.30		
15	QPSK	36	39	16.28	16.33	16.22		
15	QPSK	75	0	16.35	16.44	16.26		
15	16QAM	1	0	16.36	16.37	16.23	17.2	0
15	16QAM	1	37	16.24	16.15	16.20		
15	16QAM	1	74	16.29	16.29	16.13		
15	16QAM	36	0	16.22	16.32	16.16	17.2	0
15	16QAM	36	20	16.33	16.07	16.12		
15	16QAM	36	39	16.09	16.21	16.18		
15	16QAM	75	0	16.26	16.32	16.17		
15	64QAM	1	0	16.28	16.32	16.19	17.2	0
15	64QAM	1	37	16.24	15.98	16.10		
15	64QAM	1	74	16.20	16.24	16.19		
15	64QAM	36	0	16.28	16.22	16.22	17.2	0
15	64QAM	36	20	16.24	16.26	16.18		
15	64QAM	36	39	16.21	16.17	16.17		
15	64QAM	75	0	16.20	16.20	16.30		
15	256QAM	1	0	16.20	16.31	16.30	17.2	0
15	256QAM	1	37	16.29	16.10	16.20		
15	256QAM	1	74	16.32	16.25	16.05		
15	256QAM	36	0	16.20	16.42	16.20	17.2	0
15	256QAM	36	20	16.17	16.21	16.18		
15	256QAM	36	39	16.13	16.11	16.04		
15	256QAM	75	0	16.22	16.15	16.18		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.38	16.47	16.40	17.2	0
10	QPSK	1	25	16.34	16.34	16.27		
10	QPSK	1	49	16.20	16.40	16.35		
10	QPSK	25	0	16.27	16.38	16.27	17.2	0
10	QPSK	25	12	16.29	16.28	16.28		
10	QPSK	25	25	16.31	16.36	16.21		
10	QPSK	50	0	16.37	16.44	16.27		
10	16QAM	1	0	16.42	16.34	16.19	17.2	0
10	16QAM	1	25	16.31	16.07	16.20		
10	16QAM	1	49	16.28	16.21	16.16		
10	16QAM	25	0	16.22	16.28	16.23	17.2	0
10	16QAM	25	12	16.28	16.03	16.20		
10	16QAM	25	25	16.06	16.23	16.19		
10	16QAM	50	0	16.23	16.23	16.13		
10	64QAM	1	0	16.23	16.33	16.23	17.2	0
10	64QAM	1	25	16.15	15.98	16.11		
10	64QAM	1	49	16.20	16.27	16.16		
10	64QAM	25	0	16.28	16.24	16.27	17.2	0
10	64QAM	25	12	16.25	16.29	16.12		
10	64QAM	25	25	16.15	16.18	16.16		
10	64QAM	50	0	16.22	16.21	16.30		
10	256QAM	1	0	16.26	16.30	16.25	17.2	0
10	256QAM	1	25	16.22	16.12	16.10		
10	256QAM	1	49	16.22	16.22	16.02		
10	256QAM	25	0	16.21	16.32	16.22	17.2	0
10	256QAM	25	12	16.21	16.25	16.19		
10	256QAM	25	25	16.17	16.03	15.96		
10	256QAM	50	0	16.20	16.08	16.14		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.47	16.49	16.41	17.2	0
5	QPSK	1	12	16.30	16.27	16.21		
5	QPSK	1	24	16.24	16.34	16.28		
5	QPSK	12	0	16.30	16.48	16.29	17.2	0
5	QPSK	12	7	16.34	16.32	16.24		
5	QPSK	12	13	16.32	16.29	16.22		
5	QPSK	25	0	16.31	16.40	16.36		
5	16QAM	1	0	16.34	16.36	16.18	17.2	0
5	16QAM	1	12	16.28	16.15	16.18		
5	16QAM	1	24	16.29	16.19	16.15		
5	16QAM	12	0	16.15	16.35	16.26	17.2	0
5	16QAM	12	7	16.36	16.04	16.17		
5	16QAM	12	13	16.15	16.21	16.15		
5	16QAM	25	0	16.27	16.28	16.16		
5	64QAM	1	0	16.32	16.32	16.24	17.2	0
5	64QAM	1	12	16.18	16.05	16.10		
5	64QAM	1	24	16.13	16.23	16.14		
5	64QAM	12	0	16.26	16.19	16.26	17.2	0
5	64QAM	12	7	16.33	16.31	16.18		
5	64QAM	12	13	16.13	16.21	16.18		
5	64QAM	25	0	16.20	16.25	16.33		
5	256QAM	1	0	16.28	16.28	16.31	17.2	0
5	256QAM	1	12	16.30	16.15	16.13		
5	256QAM	1	24	16.28	16.25	15.97		
5	256QAM	12	0	16.26	16.31	16.11	17.2	0
5	256QAM	12	7	16.22	16.22	16.21		
5	256QAM	12	13	16.08	16.09	16.03		
5	256QAM	25	0	16.30	16.11	16.25		

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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	19.65	19.75	19.60		
20	QPSK	1	49	19.54	19.71	19.53	21	0
20	QPSK	1	99	19.64	19.73	19.59		
20	QPSK	50	0	19.62	19.73	19.50		
20	QPSK	50	24	19.43	19.61	19.42	21	0
20	QPSK	50	50	19.55	19.63	19.50		
20	QPSK	100	0	19.53	19.71	19.54		
20	16QAM	1	0	19.55	19.68	19.57		
20	16QAM	1	49	19.51	19.61	19.50	21	0
20	16QAM	1	99	19.62	19.65	19.46		
20	16QAM	50	0	19.63	19.65	19.47		
20	16QAM	50	24	19.47	19.62	19.41	21	0
20	16QAM	50	50	19.61	19.69	19.48		
20	16QAM	100	0	19.51	19.62	19.48		
20	64QAM	1	0	19.38	19.53	19.34		
20	64QAM	1	49	19.51	19.50	19.44	21	0
20	64QAM	1	99	19.45	19.64	19.49		
20	64QAM	50	0	19.15	19.21	19.09		
20	64QAM	50	24	19.00	19.26	19.06	20.5	0.5
20	64QAM	50	50	19.14	19.24	19.08		
20	64QAM	100	0	19.12	19.17	18.99		
20	256QAM	1	0	17.20	17.30	17.12		
20	256QAM	1	49	17.07	17.18	16.97	18.5	2.5
20	256QAM	1	99	17.18	17.20	17.06		
20	256QAM	50	0	17.13	17.21	16.99		
20	256QAM	50	24	16.88	17.12	16.89	18.5	2.5
20	256QAM	50	50	17.05	17.11	16.97		
20	256QAM	100	0	17.00	17.23	17.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.56	19.62	19.46		
15	QPSK	1	37	19.41	19.61	19.47	21	0
15	QPSK	1	74	19.51	19.68	19.51		
15	QPSK	36	0	19.53	19.70	19.40		
15	QPSK	36	20	19.37	19.50	19.38	21	0
15	QPSK	36	39	19.42	19.60	19.48		
15	QPSK	75	0	19.41	19.58	19.46		
15	16QAM	1	0	19.43	19.61	19.45		
15	16QAM	1	37	19.40	19.57	19.39	21	0
15	16QAM	1	74	19.50	19.56	19.34		
15	16QAM	36	0	19.59	19.53	19.33		
15	16QAM	36	20	19.36	19.53	19.27	21	0
15	16QAM	36	39	19.55	19.60	19.37		
15	16QAM	75	0	19.41	19.51	19.40		
15	64QAM	1	0	19.30	19.40	19.24		
15	64QAM	1	37	19.48	19.38	19.42	21	0
15	64QAM	1	74	19.41	19.52	19.46		
15	64QAM	36	0	19.08	19.11	18.97		
15	64QAM	36	20	18.87	19.16	18.99	20.5	0.5
15	64QAM	36	39	19.00	19.14	18.98		
15	64QAM	75	0	19.07	19.10	18.87		
15	256QAM	1	0	17.12	17.19	16.99		
15	256QAM	1	37	17.02	17.06	16.90	18.5	2.5
15	256QAM	1	74	17.08	17.18	17.00		
15	256QAM	36	0	17.02	17.14	16.96		
15	256QAM	36	20	16.82	17.09	16.81	18.5	2.5
15	256QAM	36	39	16.98	17.03	16.89		
15	256QAM	75	0	16.97	17.11	17.00		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.54	19.67	19.51		
10	QPSK	1	25	19.47	19.65	19.43	21	0
10	QPSK	1	49	19.61	19.64	19.52		
10	QPSK	25	0	19.50	19.64	19.40		
10	QPSK	25	12	19.32	19.48	19.34	21	0
10	QPSK	25	25	19.47	19.58	19.41		
10	QPSK	50	0	19.46	19.64	19.46		
10	16QAM	1	0	19.52	19.58	19.47		
10	16QAM	1	25	19.46	19.57	19.38	21	0
10	16QAM	1	49	19.57	19.55	19.40		
10	16QAM	25	0	19.55	19.55	19.42		
10	16QAM	25	12	19.36	19.52	19.34	21	0
10	16QAM	25	25	19.55	19.61	19.34		
10	16QAM	50	0	19.39	19.50	19.37		
10	64QAM	1	0	19.35	19.45	19.25		
10	64QAM	1	25	19.38	19.38	19.37	21	0
10	64QAM	1	49	19.37	19.58	19.42		
10	64QAM	25	0	19.09	19.11	18.98		
10	64QAM	25	12	18.91	19.22	18.94	20.5	0.5
10	64QAM	25	25	19.03	19.20	18.98		
10	64QAM	50	0	19.06	19.12	18.90		
10	256QAM	1	0	17.09	17.17	17.06		
10	256QAM	1	25	17.02	17.15	16.92	18.5	2.5
10	256QAM	1	49	17.14	17.14	16.99		
10	256QAM	25	0	17.09	17.09	16.92		
10	256QAM	25	12	16.77	17.06	16.80	18.5	2.5
10	256QAM	25	25	16.96	16.98	16.91		
10	256QAM	50	0	16.90	17.15	16.99		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.59	19.68	19.52		
5	QPSK	1	12	19.40	19.64	19.50	21	0
5	QPSK	1	24	19.58	19.69	19.50		
5	QPSK	12	0	19.58	19.61	19.47		
5	QPSK	12	7	19.37	19.54	19.40	21	0
5	QPSK	12	13	19.47	19.57	19.44		
5	QPSK	25	0	19.43	19.61	19.51		
5	16QAM	1	0	19.46	19.57	19.51		
5	16QAM	1	12	19.41	19.49	19.44	21	0
5	16QAM	1	24	19.50	19.59	19.43		
5	16QAM	12	0	19.54	19.52	19.40		
5	16QAM	12	7	19.38	19.56	19.33	21	0
5	16QAM	12	13	19.56	19.66	19.42		
5	16QAM	25	0	19.38	19.59	19.44		
5	64QAM	1	0	19.32	19.40	19.30		
5	64QAM	1	12	19.42	19.37	19.35	21	0
5	64QAM	1	24	19.32	19.54	19.41		
5	64QAM	12	0	19.09	19.11	19.02		
5	64QAM	12	7	18.97	19.19	18.97	20.5	0.5
5	64QAM	12	13	19.11	19.20	18.97		
5	64QAM	25	0	19.09	19.13	18.96		
5	256QAM	1	0	17.07	17.24	17.02		
5	256QAM	1	12	17.01	17.11	16.83	18.5	2.5
5	256QAM	1	24	17.13	17.12	17.04		
5	256QAM	12	0	17.02	17.09	16.95		
5	256QAM	12	7	16.85	17.00	16.75	18.5	2.5
5	256QAM	12	13	16.93	17.01	16.90		
5	256QAM	25	0	16.86	17.16	17.01		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.32	22.39	22.21	23.5	0
20	QPSK	1	49	22.25	22.34	22.21		
20	QPSK	1	99	22.33	22.38	22.20		
20	QPSK	50	0	22.32	22.35	22.22	23.5	0
20	QPSK	50	24	22.33	22.31	22.18		
20	QPSK	50	50	22.30	22.27	22.23		
20	QPSK	100	0	22.24	22.35	22.17		
20	16QAM	1	0	22.23	22.32	22.20	23.5	0
20	16QAM	1	49	22.28	22.37	22.22		
20	16QAM	1	99	22.31	22.30	22.16		
20	16QAM	50	0	22.34	22.27	22.15	23.5	0
20	16QAM	50	24	22.26	22.33	22.26		
20	16QAM	50	50	22.26	22.38	22.22		
20	16QAM	100	0	22.29	22.34	22.16		
20	64QAM	1	0	22.31	22.32	22.25	23.5	0
20	64QAM	1	49	22.30	22.36	22.18		
20	64QAM	1	99	22.23	22.35	22.26		
20	64QAM	50	0	21.31	21.26	21.22	22.5	1
20	64QAM	50	24	21.28	21.33	21.23		
20	64QAM	50	50	21.37	21.26	21.21		
20	64QAM	100	0	21.33	21.27	21.16		
20	256QAM	1	0	19.37	19.23	19.18	20.5	3
20	256QAM	1	49	19.27	19.30	19.16		
20	256QAM	1	99	19.36	19.34	19.27		
20	256QAM	50	0	19.37	19.33	19.23	20.5	3
20	256QAM	50	24	19.37	19.27	19.25		
20	256QAM	50	50	19.28	19.32	19.20		
20	256QAM	100	0	19.33	19.27	19.25		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.17	22.13	22.06	23.5	0
15	QPSK	1	37	22.16	22.22	22.13		
15	QPSK	1	74	22.21	22.33	22.05		
15	QPSK	36	0	22.25	22.23	22.07	23.5	0
15	QPSK	36	20	22.29	22.21	22.13		
15	QPSK	36	39	22.23	22.22	22.08		
15	QPSK	75	0	22.12	22.29	22.01		
15	16QAM	1	0	22.15	22.19	22.14	23.5	0
15	16QAM	1	37	22.23	22.22	22.08		
15	16QAM	1	74	22.17	22.21	22.09		
15	16QAM	36	0	22.28	22.14	22.10	23.5	0
15	16QAM	36	20	22.16	22.24	22.10		
15	16QAM	36	39	22.12	22.33	22.10		
15	16QAM	75	0	22.23	22.19	22.01		
15	64QAM	1	0	22.16	22.21	22.09	23.5	0
15	64QAM	1	37	22.24	22.26	22.11		
15	64QAM	1	74	22.17	22.24	22.22		
15	64QAM	36	0	21.16	21.18	21.11	22.5	1
15	64QAM	36	20	21.12	21.21	21.17		
15	64QAM	36	39	21.31	21.14	21.14		
15	64QAM	75	0	21.24	21.20	21.01		
15	256QAM	1	0	19.25	19.12	19.03	20.5	3
15	256QAM	1	37	19.17	19.21	19.04		
15	256QAM	1	74	19.32	19.29	19.20		
15	256QAM	36	0	19.33	19.20	19.17	20.5	3
15	256QAM	36	20	19.26	19.20	19.14		
15	256QAM	36	39	19.13	19.21	19.06		
15	256QAM	75	0	19.19	19.13	19.12		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.23	22.13	22.12	23.5	0
10	QPSK	1	25	22.16	22.20	22.10		
10	QPSK	1	49	22.27	22.31	22.09		
10	QPSK	25	0	22.22	22.29	22.17	23.5	0
10	QPSK	25	12	22.29	22.19	22.12		
10	QPSK	25	25	22.17	22.12	22.19		
10	QPSK	50	0	22.12	22.31	22.04		
10	16QAM	1	0	22.11	22.18	22.04	23.5	0
10	16QAM	1	25	22.16	22.30	22.08		
10	16QAM	1	49	22.15	22.18	22.11		
10	16QAM	25	0	22.30	22.19	22.02	23.5	0
10	16QAM	25	12	22.15	22.22	22.17		
10	16QAM	25	25	22.14	22.32	22.17		
10	16QAM	50	0	22.19	22.21	22.08		
10	64QAM	1	0	22.22	22.23	22.21	23.5	0
10	64QAM	1	25	22.18	22.26	22.04		
10	64QAM	1	49	22.09	22.24	22.14		
10	64QAM	25	0	21.27	21.21	21.07	22.5	1
10	64QAM	25	12	21.18	21.18	21.14		
10	64QAM	25	25	21.30	21.20	21.11		
10	64QAM	50	0	21.24	21.22	21.07		
10	256QAM	1	0	19.22	19.16	19.07	20.5	3
10	256QAM	1	25	19.13	19.24	19.09		
10	256QAM	1	49	19.25	19.21	19.19		
10	256QAM	25	0	19.25	19.19	19.08	20.5	3
10	256QAM	25	12	19.30	19.17	19.15		
10	256QAM	25	25	19.20	19.16	19.15		
10	256QAM	50	0	19.25	19.14	19.21		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.20	22.16	22.15	23.5	0
5	QPSK	1	12	22.17	22.18	22.11		
5	QPSK	1	24	22.17	22.28	22.15		
5	QPSK	12	0	22.20	22.28	22.12	23.5	0
5	QPSK	12	7	22.28	22.23	22.04		
5	QPSK	12	13	22.17	22.14	22.18		
5	QPSK	25	0	22.18	22.20	22.11		
5	16QAM	1	0	22.10	22.24	22.15	23.5	0
5	16QAM	1	12	22.15	22.22	22.18		
5	16QAM	1	24	22.19	22.23	22.00		
5	16QAM	12	0	22.26	22.12	22.04	23.5	0
5	16QAM	12	7	22.16	22.19	22.12		
5	16QAM	12	13	22.16	22.28	22.17		
5	16QAM	25	0	22.18	22.23	22.07		
5	64QAM	1	0	22.17	22.22	22.20	23.5	0
5	64QAM	1	12	22.24	22.25	22.06		
5	64QAM	1	24	22.15	22.26	22.13		
5	64QAM	12	0	21.26	21.13	21.13	22.5	1
5	64QAM	12	7	21.14	21.28	21.17		
5	64QAM	12	13	21.31	21.14	21.12		
5	64QAM	25	0	21.28	21.14	21.03		
5	256QAM	1	0	19.29	19.13	19.05	20.5	3
5	256QAM	1	12	19.19	19.15	19.11		
5	256QAM	1	24	19.25	19.26	19.12		
5	256QAM	12	0	19.26	19.27	19.17	20.5	3
5	256QAM	12	7	19.28	19.20	19.11		
5	256QAM	12	13	19.14	19.17	19.08		
5	256QAM	25	0	19.17	19.19	19.17		

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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	22.38	22.48	22.65	22.51	22.54	23.5	0
20	QPSK	1	49	22.37	22.53	22.52	22.42	22.50		
20	QPSK	1	99	22.40	22.46	22.56	22.39	22.55		
20	QPSK	50	0	22.41	22.50	22.63	22.45	22.55	23.5	0
20	QPSK	50	24	22.39	22.48	22.56	22.47	22.55		
20	QPSK	50	50	22.38	22.49	22.50	22.45	22.47		
20	QPSK	100	0	22.39	22.51	22.52	22.41	22.51		
20	16QAM	1	0	22.40	22.51	22.55	22.43	22.53	23.5	0
20	16QAM	1	49	22.37	22.48	22.51	22.41	22.56		
20	16QAM	1	99	22.45	22.53	22.54	22.45	22.52		
20	16QAM	50	0	22.45	22.45	22.51	22.42	22.59	23.5	0
20	16QAM	50	24	22.38	22.51	22.50	22.42	22.48		
20	16QAM	50	50	22.38	22.42	22.55	22.46	22.52		
20	16QAM	100	0	22.40	22.46	22.60	22.44	22.49		
20	64QAM	1	0	22.42	22.51	22.53	22.50	22.55	23.5	0
20	64QAM	1	49	22.37	22.47	22.54	22.49	22.56		
20	64QAM	1	99	22.38	22.44	22.56	22.43	22.51		
20	64QAM	50	0	21.40	21.53	21.57	21.56	21.58	22.5	1
20	64QAM	50	24	21.39	21.47	21.55	21.49	21.55		
20	64QAM	50	50	21.40	21.50	21.58	21.48	21.60		
20	64QAM	100	0	21.38	21.46	21.59	21.56	21.54		
20	256QAM	1	0	19.42	19.43	19.55	19.55	19.57	20.5	3
20	256QAM	1	49	19.43	19.44	19.65	19.46	19.59		
20	256QAM	1	99	19.34	19.42	19.55	19.52	19.59		
20	256QAM	50	0	19.39	19.47	19.58	19.46	19.56	20.5	3
20	256QAM	50	24	19.39	19.49	19.58	19.50	19.53		
20	256QAM	50	50	19.42	19.45	19.54	19.53	19.57		
20	256QAM	100	0	19.38	19.51	19.55	19.48	19.52		
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	22.34	22.41	22.55	22.39	22.48	23.5	0
15	QPSK	1	37	22.29	22.44	22.40	22.33	22.41		
15	QPSK	1	74	22.29	22.30	22.42	22.30	22.44		
15	QPSK	36	0	22.33	22.38	22.49	22.31	22.50	23.5	0
15	QPSK	36	20	22.35	22.32	22.50	22.43	22.43		
15	QPSK	36	39	22.30	22.38	22.38	22.35	22.39		
15	QPSK	75	0	22.34	22.47	22.45	22.29	22.35		
15	16QAM	1	0	22.29	22.41	22.47	22.31	22.48	23.5	0
15	16QAM	1	37	22.23	22.40	22.39	22.31	22.49		
15	16QAM	1	74	22.34	22.44	22.49	22.39	22.36		
15	16QAM	36	0	22.40	22.33	22.38	22.36	22.51	23.5	0
15	16QAM	36	20	22.24	22.38	22.45	22.30	22.34		
15	16QAM	36	39	22.23	22.28	22.49	22.41	22.38		
15	16QAM	75	0	22.29	22.36	22.47	22.36	22.44		
15	64QAM	1	0	22.33	22.37	22.42	22.35	22.48	23.5	0
15	64QAM	1	37	22.29	22.32	22.40	22.35	22.50		
15	64QAM	1	74	22.26	22.40	22.51	22.29	22.44		
15	64QAM	36	0	21.30	21.47	21.52	21.51	21.46	22.5	1
15	64QAM	36	20	21.34	21.35	21.40	21.41	21.46		
15	64QAM	36	39	21.31	21.42	21.52	21.41	21.47		
15	64QAM	75	0	21.33	21.38	21.50	21.44	21.42		
15	256QAM	1	0	19.31	19.38	19.45	19.51	19.47	20.5	3
15	256QAM	1	37	19.30	19.32	19.54	19.32	19.54		
15	256QAM	1	74	19.30	19.27	19.44	19.36	19.47		
15	256QAM	36	0	19.32	19.41	19.43	19.39	19.41	20.5	3
15	256QAM	36	20	19.33	19.40	19.42	19.36	19.40		
15	256QAM	36	39	19.31	19.33	19.39	19.41	19.49		
15	256QAM	75	0	19.23	19.40	19.51	19.40	19.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.33	22.36	22.54	22.38	22.45	23.5	0
10	QPSK	1	25	22.23	22.48	22.38	22.28	22.39		
10	QPSK	1	49	22.30	22.31	22.42	22.33	22.42		
10	QPSK	25	0	22.34	22.37	22.53	22.36	22.43	23.5	0
10	QPSK	25	12	22.29	22.42	22.49	22.41	22.40		
10	QPSK	25	25	22.22	22.41	22.44	22.30	22.39		
10	QPSK	50	0	22.27	22.42	22.37	22.26	22.37		
10	16QAM	1	0	22.29	22.39	22.40	22.29	22.42	23.5	0
10	16QAM	1	25	22.22	22.34	22.43	22.30	22.48		
10	16QAM	1	49	22.40	22.41	22.49	22.39	22.43		
10	16QAM	25	0	22.36	22.38	22.42	22.27	22.53	23.5	0
10	16QAM	25	12	22.32	22.37	22.37	22.32	22.39		
10	16QAM	25	25	22.27	22.37	22.42	22.32	22.39		
10	16QAM	50	0	22.35	22.38	22.54	22.30	22.40		
10	64QAM	1	0	22.33	22.37	22.42	22.45	22.50	23.5	0
10	64QAM	1	25	22.27	22.36	22.41	22.37	22.49		
10	64QAM	1	49	22.31	22.32	22.46	22.29	22.44		
10	64QAM	25	0	21.32	21.44	21.47	21.43	21.47	22.5	1
10	64QAM	25	12	21.30	21.42	21.50	21.43	21.40		
10	64QAM	25	25	21.25	21.38	21.52	21.39	21.54		
10	64QAM	50	0	21.26	21.40	21.54	21.45	21.44		
10	256QAM	1	0	19.35	19.34	19.39	19.48	19.51	20.5	3
10	256QAM	1	25	19.36	19.29	19.51	19.33	19.45		
10	256QAM	1	49	19.30	19.32	19.50	19.39	19.49		
10	256QAM	25	0	19.34	19.38	19.43	19.34	19.51	20.5	3
10	256QAM	25	12	19.33	19.34	19.50	19.37	19.40		
10	256QAM	25	25	19.32	19.38	19.42	19.44	19.51		
10	256QAM	50	0	19.26	19.45	19.39	19.38	19.39		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.33	22.41	22.55	22.40	22.40	23.5	0
5	QPSK	1	12	22.22	22.43	22.43	22.27	22.37		
5	QPSK	1	24	22.35	22.37	22.49	22.24	22.47		
5	QPSK	12	0	22.29	22.36	22.52	22.31	22.41	23.5	0
5	QPSK	12	7	22.28	22.40	22.43	22.37	22.46		
5	QPSK	12	13	22.28	22.33	22.35	22.31	22.34		
5	QPSK	25	0	22.28	22.46	22.39	22.34	22.42		
5	16QAM	1	0	22.34	22.43	22.49	22.37	22.48	23.5	0
5	16QAM	1	12	22.24	22.32	22.39	22.30	22.42		
5	16QAM	1	24	22.34	22.37	22.49	22.30	22.39		
5	16QAM	12	0	22.35	22.40	22.42	22.30	22.54	23.5	0
5	16QAM	12	7	22.27	22.46	22.46	22.27	22.36		
5	16QAM	12	13	22.30	22.37	22.47	22.38	22.39		
5	16QAM	25	0	22.32	22.38	22.53	22.37	22.37		
5	64QAM	1	0	22.31	22.35	22.43	22.41	22.41	23.5	0
5	64QAM	1	12	22.31	22.36	22.40	22.39	22.43		
5	64QAM	1	24	22.32	22.36	22.47	22.29	22.40		
5	64QAM	12	0	21.24	21.43	21.43	21.42	21.43	22.5	1
5	64QAM	12	7	21.23	21.37	21.41	21.37	21.46		
5	64QAM	12	13	21.30	21.45	21.43	21.32	21.54		
5	64QAM	25	0	21.29	21.42	21.49	21.45	21.42		
5	256QAM	1	0	19.36	19.36	19.46	19.47	19.41	20.5	3
5	256QAM	1	12	19.32	19.32	19.53	19.40	19.48		
5	256QAM	1	24	19.27	19.28	19.39	19.36	19.47		
5	256QAM	12	0	19.29	19.36	19.51	19.38	19.51	20.5	3
5	256QAM	12	7	19.23	19.34	19.44	19.39	19.37		
5	256QAM	12	13	19.28	19.32	19.49	19.48	19.49		
5	256QAM	25	0	19.22	19.36	19.41	19.43	19.47		

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BW [MHz]	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	18.66	18.69	18.65	20.2	0
20	QPSK	1	49	18.70	18.71	18.68		
20	QPSK	1	99	18.61	18.70	18.65		
20	QPSK	50	0	18.53	18.66	18.63	20.2	0
20	QPSK	50	24	18.65	18.65	18.63		
20	QPSK	50	50	18.53	18.67	18.62		
20	QPSK	100	0	18.59	18.63	18.56		
20	16QAM	1	0	18.61	18.63	18.54	20.2	0
20	16QAM	1	49	18.66	18.58	18.54		
20	16QAM	1	99	18.53	18.57	18.56		
20	16QAM	50	0	18.58	18.56	18.62	20.2	0
20	16QAM	50	24	18.65	18.60	18.63		
20	16QAM	50	50	18.54	18.57	18.55		
20	16QAM	100	0	18.49	18.56	18.54		
20	64QAM	1	0	18.53	18.55	18.51	20.2	0
20	64QAM	1	49	18.42	18.64	18.55		
20	64QAM	1	99	18.50	18.53	18.44		
20	64QAM	50	0	18.56	18.57	18.58	20.2	0
20	64QAM	50	24	18.64	18.61	18.65		
20	64QAM	50	50	18.47	18.66	18.62		
20	64QAM	100	0	18.44	18.56	18.54		
20	256QAM	1	0	18.51	18.64	18.58	20.2	0
20	256QAM	1	49	18.53	18.54	18.57		
20	256QAM	1	99	18.55	18.58	18.60		
20	256QAM	50	0	18.52	18.59	18.53	20.2	0
20	256QAM	50	24	18.53	18.63	18.56		
20	256QAM	50	50	18.59	18.57	18.53		
20	256QAM	100	0	18.57	18.53	18.50		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.51	18.63	18.59	20.2	0
15	QPSK	1	37	18.57	18.54	18.52		
15	QPSK	1	74	18.59	18.60	18.52		
15	QPSK	36	0	18.61	18.65	18.60	20.2	0
15	QPSK	36	20	18.55	18.58	18.50		
15	QPSK	36	39	18.56	18.56	18.51		
15	QPSK	75	0	18.57	18.62	18.58		
15	16QAM	1	0	18.52	18.60	18.51	20.2	0
15	16QAM	1	37	18.51	18.56	18.50		
15	16QAM	1	74	18.50	18.57	18.58		
15	16QAM	36	0	18.58	18.60	18.51	20.2	0
15	16QAM	36	20	18.56	18.65	18.50		
15	16QAM	36	39	18.51	18.64	18.50		
15	16QAM	75	0	18.57	18.58	18.53		
15	64QAM	1	0	18.59	18.55	18.50	20.2	0
15	64QAM	1	37	18.59	18.55	18.53		
15	64QAM	1	74	18.51	18.60	18.54		
15	64QAM	36	0	18.55	18.55	18.59	20.2	0
15	64QAM	36	20	18.55	18.54	18.56		
15	64QAM	36	39	18.54	18.64	18.59		
15	64QAM	75	0	18.62	18.58	18.59		
15	256QAM	1	0	18.57	18.57	18.51	20.2	0
15	256QAM	1	37	18.51	18.59	18.56		
15	256QAM	1	74	18.57	18.61	18.56		
15	256QAM	36	0	18.57	18.57	18.61	20.2	0
15	256QAM	36	20	18.61	18.60	18.56		
15	256QAM	36	39	18.61	18.61	18.59		
15	256QAM	75	0	18.60	18.61	18.59		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.58	18.61	18.57	20.2	0
10	QPSK	1	25	18.51	18.64	18.52		
10	QPSK	1	49	18.51	18.55	18.59		
10	QPSK	25	0	18.58	18.55	18.49	20.2	0
10	QPSK	25	12	18.57	18.54	18.53		
10	QPSK	25	25	18.52	18.62	18.53		
10	QPSK	50	0	18.50	18.63	18.55		
10	16QAM	1	0	18.54	18.63	18.58	20.2	0
10	16QAM	1	25	18.53	18.57	18.57		
10	16QAM	1	49	18.58	18.58	18.56		
10	16QAM	25	0	18.55	18.65	18.54	20.2	0
10	16QAM	25	12	18.55	18.55	18.52		
10	16QAM	25	25	18.55	18.59	18.51		
10	16QAM	50	0	18.57	18.54	18.59		
10	64QAM	1	0	18.51	18.56	18.60	20.2	0
10	64QAM	1	25	18.51	18.64	18.59		
10	64QAM	1	49	18.50	18.61	18.50		
10	64QAM	25	0	18.54	18.63	18.61	20.2	0
10	64QAM	25	12	18.59	18.61	18.53		
10	64QAM	25	25	18.57	18.64	18.57		
10	64QAM	50	0	18.57	18.54	18.50		
10	256QAM	1	0	18.58	18.55	18.61	20.2	0
10	256QAM	1	25	18.53	18.57	18.50		
10	256QAM	1	49	18.61	18.60	18.54		
10	256QAM	25	0	18.52	18.56	18.58	20.2	0
10	256QAM	25	12	18.60	18.62	18.52		
10	256QAM	25	25	18.61	18.58	18.57		
10	256QAM	50	0	18.56	18.59	18.54		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.62	18.59	18.54	20.2	0
5	QPSK	1	12	18.58	18.57	18.52		
5	QPSK	1	24	18.54	18.65	18.58		
5	QPSK	12	0	18.53	18.63	18.55	20.2	0
5	QPSK	12	7	18.52	18.56	18.56		
5	QPSK	12	13	18.52	18.55	18.55		
5	QPSK	25	0	18.55	18.61	18.55		
5	16QAM	1	0	18.56	18.65	18.55	20.2	0
5	16QAM	1	12	18.50	18.60	18.58		
5	16QAM	1	24	18.61	18.56	18.53		
5	16QAM	12	0	18.53	18.59	18.61	20.2	0
5	16QAM	12	7	18.52	18.62	18.54		
5	16QAM	12	13	18.50	18.54	18.52		
5	16QAM	25	0	18.59	18.56	18.53		
5	64QAM	1	0	18.59	18.61	18.59	20.2	0
5	64QAM	1	12	18.60	18.59	18.60		
5	64QAM	1	24	18.61	18.58	18.54		
5	64QAM	12	0	18.57	18.57	18.61	20.2	0
5	64QAM	12	7	18.56	18.63	18.61		
5	64QAM	12	13	18.52	18.62	18.56		
5	64QAM	25	0	18.57	18.55	18.57		
5	256QAM	1	0	18.59	18.58	18.57	20.2	0
5	256QAM	1	12	18.60	18.63	18.54		
5	256QAM	1	24	18.62	18.63	18.49		
5	256QAM	12	0	18.61	18.57	18.50	20.2	0
5	256QAM	12	7	18.59	18.58	18.54		
5	256QAM	12	13	18.54	18.59	18.52		
5	256QAM	25	0	18.54	18.60	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	18.86	19.07	19.08	19.02	18.98	20.7	0
20	QPSK	1	49	18.79	18.94	18.98	18.79	18.92		
20	QPSK	1	99	18.81	18.85	18.93	18.82	18.98		
20	QPSK	50	0	18.75	18.98	19.05	18.90	18.91	20.7	0
20	QPSK	50	24	18.70	18.88	18.88	18.75	18.85		
20	QPSK	50	50	18.67	18.81	18.90	18.71	18.94		
20	QPSK	100	0	18.80	19.02	19.03	18.92	18.88		
20	16QAM	1	0	18.82	19.05	19.01	18.97	18.96	20.7	0
20	16QAM	1	49	18.76	18.89	18.87	18.69	18.87		
20	16QAM	1	99	18.76	18.74	18.84	18.73	18.93		
20	16QAM	50	0	18.63	18.86	18.99	18.82	18.88	20.7	0
20	16QAM	50	24	18.66	18.76	18.79	18.72	18.80		
20	16QAM	50	50	18.56	18.73	18.77	18.58	18.90		
20	16QAM	100	0	18.68	18.94	18.96	18.81	18.81		
20	64QAM	1	0	18.75	18.95	18.94	18.86	18.93	20.7	0
20	64QAM	1	49	18.71	18.87	18.76	18.55	18.79		
20	64QAM	1	99	18.63	18.65	18.75	18.61	18.80		
20	64QAM	50	0	18.69	18.95	19.01	18.85	18.85	20.7	0
20	64QAM	50	24	18.63	18.74	18.74	18.64	18.81		
20	64QAM	50	50	18.55	18.72	18.78	18.61	18.90		
20	64QAM	100	0	18.71	18.91	18.96	18.83	18.77		
20	256QAM	1	0	18.76	18.97	18.98	18.92	18.88	20.7	0
20	256QAM	1	49	18.76	18.97	18.98	18.92	18.88		
20	256QAM	1	99	18.76	18.97	18.98	18.92	18.88		
20	256QAM	50	0	18.76	18.97	18.98	18.92	18.88	20.7	0
20	256QAM	50	24	18.76	18.97	18.98	18.92	18.88		
20	256QAM	50	50	18.76	18.97	18.98	18.92	18.88		
20	256QAM	100	0	18.76	18.97	18.98	18.92	18.88		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.81	19.00	18.97	18.94	18.87	20.70	0
15	QPSK	1	37	18.68	18.89	18.88	18.69	18.86		
15	QPSK	1	74	18.74	18.78	18.86	18.71	18.90		
15	QPSK	36	0	18.68	18.83	18.90	18.83	18.83	20.7	0
15	QPSK	36	20	18.62	18.77	18.79	18.63	18.73		
15	QPSK	36	39	18.59	18.70	18.83	18.62	18.89		
15	QPSK	75	0	18.68	18.94	18.97	18.82	18.76		
15	16QAM	1	0	18.72	18.97	18.93	18.90	18.88	20.7	0
15	16QAM	1	37	18.65	18.77	18.73	18.64	18.81		
15	16QAM	1	74	18.69	18.65	18.69	18.68	18.86		
15	16QAM	36	0	18.54	18.79	18.93	18.74	18.75	20.7	0
15	16QAM	36	20	18.57	18.63	18.67	18.65	18.67		
15	16QAM	36	39	18.51	18.65	18.68	18.45	18.77		
15	16QAM	75	0	18.52	18.79	18.89	18.70	18.67		
15	64QAM	1	0	18.65	18.85	18.85	18.75	18.85	20.7	0
15	64QAM	1	37	18.61	18.73	18.66	18.47	18.71		
15	64QAM	1	74	18.51	18.58	18.59	18.49	18.67		
15	64QAM	36	0	18.55	18.79	18.93	18.71	18.80	20.7	0
15	64QAM	36	20	18.52	18.64	18.64	18.57	18.71		
15	64QAM	36	39	18.46	18.56	18.63	18.46	18.81		
15	64QAM	75	0	18.67	18.85	18.90	18.69	18.72		
15	256QAM	1	0	18.63	18.86	18.88	18.80	18.80	20.7	0
15	256QAM	1	37	18.69	18.87	18.84	18.77	18.83		
15	256QAM	1	74	18.61	18.82	18.88	18.85	18.73		
15	256QAM	36	0	18.66	18.82	18.91	18.77	18.74	20.7	0
15	256QAM	36	20	18.63	18.87	18.93	18.81	18.81		
15	256QAM	36	39	18.60	18.82	18.82	18.76	18.78		
15	256QAM	75	0	18.71	18.84	18.87	18.79	18.76		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.70	18.91	18.92	18.94	18.88	20.70	0
10	QPSK	1	25	18.66	18.88	18.82	18.73	18.84		
10	QPSK	1	49	18.65	18.74	18.86	18.73	18.87		
10	QPSK	25	0	18.60	18.85	18.89	18.85	18.86	20.7	0
10	QPSK	25	12	18.58	18.74	18.83	18.68	18.71		
10	QPSK	25	25	18.59	18.67	18.80	18.61	18.81		
10	QPSK	50	0	18.71	18.98	18.95	18.83	18.84		
10	16QAM	1	0	18.72	18.90	18.87	18.90	18.83	20.7	0
10	16QAM	1	25	18.70	18.76	18.81	18.54	18.73		
10	16QAM	1	49	18.61	18.68	18.79	18.68	18.83		
10	16QAM	25	0	18.50	18.78	18.85	18.76	18.73	20.7	0
10	16QAM	25	12	18.56	18.61	18.67	18.66	18.68		
10	16QAM	25	25	18.46	18.65	18.70	18.46	18.75		
10	16QAM	50	0	18.57	18.83	18.82	18.73	18.75		
10	64QAM	1	0	18.61	18.84	18.88	18.76	18.81	20.7	0
10	64QAM	1	25	18.65	18.71	18.70	18.39	18.69		
10	64QAM	1	49	18.57	18.55	18.64	18.49	18.71		
10	64QAM	25	0	18.64	18.84	18.87	18.74	18.70	20.7	0
10	64QAM	25	12	18.49	18.67	18.60	18.54	18.66		
10	64QAM	25	25	18.45	18.57	18.71	18.47	18.84		
10	64QAM	50	0	18.64	18.78	18.87	18.68	18.66		
10	256QAM	1	0	18.67	18.85	18.82	18.78	18.80	20.7	0
10	256QAM	1	25	18.71	18.84	18.91	18.84	18.77		
10	256QAM	1	49	18.70	18.85	18.85	18.78	18.78		
10	256QAM	25	0	18.65	18.90	18.88	18.77	18.82	20.7	0
10	256QAM	25	12	18.69	18.85	18.88	18.82	18.74		
10	256QAM	25	25	18.70	18.82	18.92	18.76	18.76		
10	256QAM	50	0	18.61	18.82	18.82	18.82	18.77		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.75	18.94	19.04	18.97	18.88	20.70	0
5	QPSK	1	12	18.74	18.81	18.86	18.68	18.78		
5	QPSK	1	24	18.75	18.76	18.86	18.71	18.91		
5	QPSK	12	0	18.70	18.89	18.93	18.82	18.81	20.7	0
5	QPSK	12	7	18.58	18.78	18.74	18.69	18.80		
5	QPSK	12	13	18.60	18.76	18.81	18.60	18.81		
5	QPSK	25	0	18.73	18.87	18.88	18.79	18.73		
5	16QAM	1	0	18.77	18.97	18.92	18.92	18.88	20.7	0
5	16QAM	1	12	18.63	18.77	18.81	18.63	18.81		
5	16QAM	1	24	18.61	18.60	18.80	18.67	18.77		
5	16QAM	12	0	18.50	18.80	18.85	18.75	18.78	20.7	0
5	16QAM	12	7	18.55	18.67	18.66	18.58	18.65		
5	16QAM	12	13	18.44	18.68	18.61	18.47	18.76		
5	16QAM	25	0	18.54	18.81	18.82	18.77	18.67		
5	64QAM	1	0	18.60	18.81	18.84	18.81	18.82	20.7	0
5	64QAM	1	12	18.65	18.81	18.63	18.40	18.67		
5	64QAM	1	24	18.47	18.50	18.60	18.48	18.76		
5	64QAM	12	0	18.56	18.83	18.89	18.73	18.76	20.7	0
5	64QAM	12	7	18.58	18.68	18.66	18.48	18.76		
5	64QAM	12	13	18.50	18.68	18.72	18.55	18.79		
5	64QAM	25	0	18.61	18.77	18.84	18.77	18.62		
5	256QAM	1	0	18.70	18.88	18.86	18.80	18.77	20.7	0
5	256QAM	1	12	18.65	18.91	18.90	18.84	18.75		
5	256QAM	1	24	18.70	18.83	18.90	18.88	18.77		
5	256QAM	12	0	18.67	18.90	18.85	18.85	18.76	20.7	0
5	256QAM	12	7	18.68	18.90	18.84	18.80	18.82		
5	256QAM	12	13	18.63	18.92	18.83	18.83	18.84		
5	256QAM	25	0	18.69	18.81	18.91	18.82	18.79		

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BW [MHz]	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	18.74	18.95	18.90	19.7	0
20	QPSK	1	49	18.78	18.86	18.80		
20	QPSK	1	99	18.82	18.75	18.73		
20	QPSK	50	0	18.62	18.92	18.75	19.7	0
20	QPSK	50	24	18.71	18.81	18.69		
20	QPSK	50	50	18.75	18.75	18.73		
20	QPSK	100	0	18.63	18.89	18.82		
20	16QAM	1	0	18.62	18.78	18.70	19.7	0
20	16QAM	1	49	18.68	18.77	18.61		
20	16QAM	1	99	18.69	18.78	18.71		
20	16QAM	50	0	18.57	18.75	18.68	19.7	0
20	16QAM	50	24	18.56	18.81	18.59		
20	16QAM	50	50	18.60	18.64	18.67		
20	16QAM	100	0	18.51	18.85	18.61		
20	64QAM	1	0	18.57	18.58	18.70	19.7	0
20	64QAM	1	49	18.51	18.66	18.62		
20	64QAM	1	99	18.58	18.53	18.54		
20	64QAM	50	0	18.51	18.76	18.69	19.7	0
20	64QAM	50	24	18.66	18.80	18.64		
20	64QAM	50	50	18.73	18.60	18.68		
20	64QAM	100	0	18.60	18.74	18.69		
20	256QAM	1	0	18.53	18.75	18.75	19.7	0
20	256QAM	1	49	18.56	18.64	18.64		
20	256QAM	1	99	18.77	18.54	18.57		
20	256QAM	50	0	18.63	18.80	18.78	19.7	0
20	256QAM	50	24	18.58	18.78	18.64		
20	256QAM	50	50	18.61	18.78	18.58		
20	256QAM	100	0	18.63	18.63	18.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.61	18.82	18.79	19.7	0
15	QPSK	1	37	18.63	18.80	18.76		
15	QPSK	1	74	18.74	18.64	18.63		
15	QPSK	36	0	18.53	18.84	18.66	19.7	0
15	QPSK	36	20	18.63	18.66	18.54		
15	QPSK	36	39	18.60	18.60	18.66		
15	QPSK	75	0	18.53	18.84	18.76		
15	16QAM	1	0	18.57	18.70	18.55	19.7	0
15	16QAM	1	37	18.60	18.72	18.54		
15	16QAM	1	74	18.53	18.70	18.66		
15	16QAM	36	0	18.44	18.71	18.61	19.7	0
15	16QAM	36	20	18.50	18.70	18.45		
15	16QAM	36	39	18.50	18.49	18.52		
15	16QAM	75	0	18.39	18.78	18.56		
15	64QAM	1	0	18.42	18.45	18.63	19.7	0
15	64QAM	1	37	18.40	18.57	18.56		
15	64QAM	1	74	18.50	18.41	18.38		
15	64QAM	36	0	18.42	18.70	18.56	19.7	0
15	64QAM	36	20	18.55	18.67	18.60		
15	64QAM	36	39	18.64	18.46	18.64		
15	64QAM	75	0	18.47	18.60	18.55		
15	256QAM	1	0	18.45	18.60	18.71	19.7	0
15	256QAM	1	37	18.50	18.55	18.50		
15	256QAM	1	74	18.65	18.43	18.48		
15	256QAM	36	0	18.54	18.66	18.66	19.7	0
15	256QAM	36	20	18.43	18.67	18.53		
15	256QAM	36	39	18.55	18.74	18.53		
15	256QAM	75	0	18.56	18.58	18.43		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.63	18.90	18.76	19.7	0
10	QPSK	1	25	18.74	18.71	18.71		
10	QPSK	1	49	18.76	18.65	18.61		
10	QPSK	25	0	18.53	18.84	18.71	19.7	0
10	QPSK	25	12	18.58	18.71	18.55		
10	QPSK	25	25	18.61	18.66	18.62		
10	QPSK	50	0	18.47	18.85	18.73		
10	16QAM	1	0	18.55	18.67	18.61	19.7	0
10	16QAM	1	25	18.62	18.64	18.46		
10	16QAM	1	49	18.55	18.68	18.61		
10	16QAM	25	0	18.42	18.69	18.62	19.7	0
10	16QAM	25	12	18.41	18.65	18.54		
10	16QAM	25	25	18.54	18.48	18.57		
10	16QAM	50	0	18.44	18.73	18.53		
10	64QAM	1	0	18.42	18.50	18.60	19.7	0
10	64QAM	1	25	18.40	18.51	18.57		
10	64QAM	1	49	18.50	18.46	18.48		
10	64QAM	25	0	18.46	18.68	18.54	19.7	0
10	64QAM	25	12	18.60	18.75	18.59		
10	64QAM	25	25	18.60	18.49	18.54		
10	64QAM	50	0	18.51	18.58	18.56		
10	256QAM	1	0	18.39	18.60	18.61	19.7	0
10	256QAM	1	25	18.46	18.52	18.53		
10	256QAM	1	49	18.67	18.40	18.44		
10	256QAM	25	0	18.51	18.66	18.63	19.7	0
10	256QAM	25	12	18.54	18.71	18.55		
10	256QAM	25	25	18.45	18.72	18.53		
10	256QAM	50	0	18.56	18.59	18.51		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.60	18.83	18.80	19.7	0
5	QPSK	1	12	18.70	18.79	18.72		
5	QPSK	1	24	18.78	18.59	18.69		
5	QPSK	12	0	18.53	18.79	18.61	19.7	0
5	QPSK	12	7	18.57	18.70	18.63		
5	QPSK	12	13	18.65	18.61	18.61		
5	QPSK	25	0	18.49	18.75	18.72		
5	16QAM	1	0	18.54	18.64	18.57	19.7	0
5	16QAM	1	12	18.56	18.71	18.45		
5	16QAM	1	24	18.60	18.71	18.63		
5	16QAM	12	0	18.43	18.68	18.53	19.7	0
5	16QAM	12	7	18.50	18.75	18.50		
5	16QAM	12	13	18.48	18.54	18.52		
5	16QAM	25	0	18.36	18.78	18.50		
5	64QAM	1	0	18.44	18.45	18.63	19.7	0
5	64QAM	1	12	18.38	18.57	18.57		
5	64QAM	1	24	18.53	18.44	18.42		
5	64QAM	12	0	18.35	18.68	18.55	19.7	0
5	64QAM	12	7	18.57	18.72	18.53		
5	64QAM	12	13	18.60	18.47	18.54		
5	64QAM	25	0	18.47	18.70	18.57		
5	256QAM	1	0	18.38	18.65	18.65	19.7	0
5	256QAM	1	12	18.42	18.50	18.51		
5	256QAM	1	24	18.71	18.40	18.48		
5	256QAM	12	0	18.49	18.72	18.68	19.7	0
5	256QAM	12	7	18.47	18.68	18.53		
5	256QAM	12	13	18.52	18.67	18.49		
5	256QAM	25	0	18.58	18.50	18.49		

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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	18.75	18.78	18.87	18.69	18.77	19.7	0
20	QPSK	1	49	18.68	18.70	18.77	18.71	18.67		
20	QPSK	1	99	18.75	18.74	18.72	18.69	18.61		
20	QPSK	50	0	18.71	18.70	18.76	18.69	18.61	19.7	0
20	QPSK	50	24	18.65	18.61	18.74	18.66	18.63		
20	QPSK	50	50	18.73	18.66	18.79	18.52	18.54		
20	QPSK	100	0	18.66	18.68	18.80	18.64	18.66		
20	16QAM	1	0	18.60	18.71	18.79	18.56	18.69	19.7	0
20	16QAM	1	49	18.63	18.72	18.77	18.72	18.55		
20	16QAM	1	99	18.64	18.61	18.78	18.64	18.49		
20	16QAM	50	0	18.54	18.59	18.72	18.59	18.55	19.7	0
20	16QAM	50	24	18.55	18.56	18.63	18.62	18.49		
20	16QAM	50	50	18.70	18.61	18.62	18.46	18.52		
20	16QAM	100	0	18.61	18.67	18.75	18.61	18.66		
20	64QAM	1	0	18.57	18.68	18.77	18.51	18.58	19.7	0
20	64QAM	1	49	18.46	18.64	18.52	18.59	18.56		
20	64QAM	1	99	18.66	18.58	18.60	18.58	18.44		
20	64QAM	50	0	18.68	18.61	18.72	18.58	18.57	19.7	0
20	64QAM	50	24	18.63	18.50	18.66	18.55	18.45		
20	64QAM	50	50	18.70	18.49	18.72	18.55	18.50		
20	64QAM	100	0	18.65	18.61	18.74	18.51	18.63		
20	256QAM	1	0	18.65	18.54	18.61	18.55	18.63	19.7	0
20	256QAM	1	49	18.60	18.51	18.58	18.67	18.52		
20	256QAM	1	99	18.65	18.60	18.71	18.54	18.54		
20	256QAM	50	0	18.59	18.63	18.74	18.57	18.55	19.7	0
20	256QAM	50	24	18.50	18.71	18.73	18.50	18.55		
20	256QAM	50	50	18.50	18.53	18.62	18.56	18.50		
20	256QAM	100	0	18.62	18.50	18.66	18.46	18.40		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.61	18.69	18.73	18.54	18.73	19.70	0
15	QPSK	1	37	18.54	18.55	18.71	18.59	18.60		
15	QPSK	1	74	18.60	18.62	18.62	18.63	18.57		
15	QPSK	36	0	18.65	18.56	18.62	18.62	18.53	19.7	0
15	QPSK	36	20	18.50	18.56	18.63	18.51	18.54		
15	QPSK	36	39	18.60	18.51	18.71	18.47	18.47		
15	QPSK	75	0	18.52	18.61	18.70	18.59	18.51		
15	16QAM	1	0	18.47	18.55	18.70	18.42	18.59	19.7	0
15	16QAM	1	37	18.54	18.61	18.70	18.56	18.44		
15	16QAM	1	74	18.57	18.51	18.73	18.56	18.42		
15	16QAM	36	0	18.50	18.51	18.56	18.47	18.40	19.7	0
15	16QAM	36	20	18.48	18.45	18.55	18.49	18.44		
15	16QAM	36	39	18.62	18.48	18.55	18.38	18.47		
15	16QAM	75	0	18.54	18.54	18.70	18.48	18.54		
15	64QAM	1	0	18.48	18.56	18.70	18.45	18.43	19.7	0
15	64QAM	1	37	18.41	18.59	18.37	18.51	18.44		
15	64QAM	1	74	18.58	18.49	18.48	18.54	18.36		
15	64QAM	36	0	18.61	18.52	18.56	18.49	18.50	19.7	0
15	64QAM	36	20	18.53	18.36	18.53	18.47	18.36		
15	64QAM	36	39	18.55	18.41	18.66	18.44	18.41		
15	64QAM	75	0	18.51	18.55	18.67	18.36	18.48		
15	256QAM	1	0	18.60	18.41	18.46	18.42	18.57	19.7	0
15	256QAM	1	37	18.47	18.38	18.42	18.57	18.48		
15	256QAM	1	74	18.57	18.45	18.60	18.44	18.39		
15	256QAM	36	0	18.45	18.56	18.58	18.42	18.42	19.7	0
15	256QAM	36	20	18.38	18.56	18.63	18.40	18.39		
15	256QAM	36	39	18.34	18.44	18.50	18.46	18.42		
15	256QAM	75	0	18.57	18.45	18.62	18.30	18.30		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.60	18.65	18.75	18.64	18.66	19.70	0
10	QPSK	1	25	18.62	18.63	18.65	18.61	18.63		
10	QPSK	1	49	18.61	18.59	18.63	18.60	18.51		
10	QPSK	25	0	18.56	18.55	18.67	18.56	18.56	19.7	0
10	QPSK	25	12	18.60	18.45	18.67	18.61	18.50		
10	QPSK	25	25	18.63	18.56	18.73	18.45	18.48		
10	QPSK	50	0	18.54	18.53	18.71	18.57	18.58		
10	16QAM	1	0	18.56	18.58	18.73	18.42	18.56	19.7	0
10	16QAM	1	25	18.48	18.67	18.72	18.63	18.48		
10	16QAM	1	49	18.56	18.51	18.64	18.60	18.35		
10	16QAM	25	0	18.46	18.50	18.59	18.52	18.43	19.7	0
10	16QAM	25	12	18.44	18.50	18.54	18.49	18.39		
10	16QAM	25	25	18.56	18.47	18.53	18.39	18.40		
10	16QAM	50	0	18.48	18.58	18.60	18.47	18.62		
10	64QAM	1	0	18.44	18.58	18.70	18.43	18.49	19.7	0
10	64QAM	1	25	18.41	18.51	18.40	18.52	18.44		
10	64QAM	1	49	18.54	18.53	18.45	18.44	18.32		
10	64QAM	25	0	18.63	18.52	18.63	18.53	18.46	19.7	0
10	64QAM	25	12	18.55	18.44	18.61	18.45	18.40		
10	64QAM	25	25	18.60	18.40	18.60	18.47	18.35		
10	64QAM	50	0	18.60	18.52	18.59	18.38	18.56		
10	256QAM	1	0	18.52	18.47	18.52	18.47	18.56	19.7	0
10	256QAM	1	25	18.52	18.41	18.46	18.58	18.43		
10	256QAM	1	49	18.55	18.47	18.61	18.50	18.49		
10	256QAM	25	0	18.53	18.53	18.59	18.46	18.44	19.7	0
10	256QAM	25	12	18.41	18.62	18.68	18.38	18.47		
10	256QAM	25	25	18.39	18.44	18.56	18.49	18.43		
10	256QAM	50	0	18.57	18.46	18.57	18.35	18.32		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.62	18.64	18.80	18.53	18.70	19.70	0
5	QPSK	1	12	18.58	18.55	18.73	18.58	18.63		
5	QPSK	1	24	18.64	18.68	18.68	18.54	18.50		
5	QPSK	12	0	18.58	18.59	18.63	18.58	18.45	19.7	0
5	QPSK	12	7	18.53	18.50	18.68	18.62	18.55		
5	QPSK	12	13	18.68	18.56	18.75	18.37	18.39		
5	QPSK	25	0	18.60	18.57	18.71	18.55	18.54		
5	16QAM	1	0	18.46	18.60	18.66	18.50	18.63	19.7	0
5	16QAM	1	12	18.57	18.66	18.62	18.65	18.41		
5	16QAM	1	24	18.51	18.47	18.67	18.59	18.42		
5	16QAM	12	0	18.49	18.48	18.59	18.53	18.50	19.7	0
5	16QAM	12	7	18.43	18.46	18.57	18.51	18.37		
5	16QAM	12	13	18.56	18.46	18.50	18.30	18.38		
5	16QAM	25	0	18.53	18.58	18.62	18.57	18.58		
5	64QAM	1	0	18.46	18.62	18.68	18.36	18.47	19.7	0
5	64QAM	1	12	18.33	18.53	18.37	18.43	18.43		
5	64QAM	1	24	18.59	18.53	18.44	18.46	18.30		
5	64QAM	12	0	18.64	18.57	18.62	18.51	18.48	19.7	0
5	64QAM	12	7	18.48	18.39	18.57	18.50	18.32		
5	64QAM	12	13	18.59	18.44	18.65	18.46	18.40		
5	64QAM	25	0	18.59	18.51	18.68	18.43	18.53		
5	256QAM	1	0	18.60	18.40	18.53	18.40	18.58	19.7	0
5	256QAM	1	12	18.47	18.37	18.48	18.63	18.39		
5	256QAM	1	24	18.52	18.50	18.61	18.44	18.46		
5	256QAM	12	0	18.53	18.57	18.66	18.51	18.46	19.7	0
5	256QAM	12	7	18.37	18.62	18.64	18.35	18.49		
5	256QAM	12	13	18.40	18.46	18.47	18.45	18.37		
5	256QAM	25	0	18.51	18.46	18.54	18.37	18.29		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.21	22.24	22.18	23.5	0
20	QPSK	1	49	22.09	22.21	22.12		
20	QPSK	1	99	22.16	22.18	22.07		
20	QPSK	50	0	21.25	21.29	21.24	22.5	1
20	QPSK	50	24	21.05	21.21	21.14		
20	QPSK	50	50	21.11	21.20	21.05		
20	QPSK	100	0	21.21	21.26	21.16		
20	16QAM	1	0	21.17	21.25	21.19	22.5	1
20	16QAM	1	49	21.14	21.26	21.07		
20	16QAM	1	99	21.17	21.19	21.08		
20	16QAM	50	0	20.30	20.32	20.19	21.5	2
20	16QAM	50	24	19.99	20.18	20.15		
20	16QAM	50	50	20.14	20.25	20.00		
20	16QAM	100	0	20.21	20.23	20.11		
20	64QAM	1	0	20.18	20.29	20.17	21.5	2
20	64QAM	1	49	20.20	20.22	20.10		
20	64QAM	1	99	20.22	20.16	20.14		
20	64QAM	50	0	19.19	19.26	19.22	20.5	3
20	64QAM	50	24	19.08	19.19	19.17		
20	64QAM	50	50	19.14	19.18	19.00		
20	64QAM	100	0	19.23	19.24	19.12		
20	256QAM	1	0	17.28	17.32	17.22	18.5	5
20	256QAM	1	49	17.08	17.16	17.20		
20	256QAM	1	99	17.11	17.22	17.00		
20	256QAM	50	0	17.18	17.31	17.14	18.5	5
20	256QAM	50	24	17.22	17.22	17.18		
20	256QAM	50	50	17.19	17.31	17.13		
20	256QAM	100	0	17.20	17.18	17.06		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.17	22.18	22.13	23.5	0
15	QPSK	1	37	21.96	22.08	22.00		
15	QPSK	1	74	22.09	22.07	22.03		
15	QPSK	36	0	21.22	21.25	21.13	22.5	1
15	QPSK	36	20	20.91	21.13	21.09		
15	QPSK	36	39	21.03	21.13	20.92		
15	QPSK	75	0	21.11	21.16	21.08		
15	16QAM	1	0	21.04	21.12	21.13	22.5	1
15	16QAM	1	37	21.11	21.13	21.02		
15	16QAM	1	74	21.04	21.10	21.02		
15	16QAM	36	0	20.21	20.28	20.09	21.5	2
15	16QAM	36	20	19.93	20.14	20.07		
15	16QAM	36	39	20.07	20.21	19.94		
15	16QAM	75	0	20.14	20.10	19.99		
15	64QAM	1	0	20.05	20.22	20.06	21.5	2
15	64QAM	1	37	20.17	20.18	20.02		
15	64QAM	1	74	20.08	20.09	20.01		
15	64QAM	36	0	19.15	19.24	19.20	20.5	3
15	64QAM	36	20	18.94	19.15	19.13		
15	64QAM	36	39	19.04	19.08	18.87		
15	64QAM	75	0	19.11	19.15	19.04		
15	256QAM	1	0	17.19	17.20	17.16	18.5	5
15	256QAM	1	37	16.97	17.07	17.13		
15	256QAM	1	74	17.02	17.13	16.91		
15	256QAM	36	0	17.11	17.23	17.04	18.5	5
15	256QAM	36	20	17.19	17.20	17.12		
15	256QAM	36	39	17.10	17.20	16.99		
15	256QAM	75	0	17.09	17.09	17.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.07	22.16	22.15	23.5	0
10	QPSK	1	25	22.06	22.08	22.09		
10	QPSK	1	49	22.10	22.09	22.00		
10	QPSK	25	0	21.19	21.27	21.18	22.5	1
10	QPSK	25	12	20.99	21.13	21.00		
10	QPSK	25	25	21.02	21.11	20.95		
10	QPSK	50	0	21.11	21.18	21.02		
10	16QAM	1	0	21.10	21.17	21.15	22.5	1
10	16QAM	1	25	21.05	21.20	21.04		
10	16QAM	1	49	21.12	21.14	20.95		
10	16QAM	25	0	20.19	20.25	20.08	21.5	2
10	16QAM	25	12	19.90	20.12	20.05		
10	16QAM	25	25	20.07	20.12	19.97		
10	16QAM	50	0	20.18	20.14	19.97		
10	64QAM	1	0	20.14	20.24	20.05	21.5	2
10	64QAM	1	25	20.12	20.14	20.03		
10	64QAM	1	49	20.09	20.07	20.08		
10	64QAM	25	0	19.07	19.22	19.17	20.5	3
10	64QAM	25	12	19.03	19.08	19.05		
10	64QAM	25	25	19.01	19.11	18.89		
10	64QAM	50	0	19.15	19.13	19.03		
10	256QAM	1	0	17.26	17.23	17.16	18.5	5
10	256QAM	1	25	17.05	17.05	17.13		
10	256QAM	1	49	17.03	17.12	16.96		
10	256QAM	25	0	17.09	17.28	17.12	18.5	5
10	256QAM	25	12	17.17	17.12	17.12		
10	256QAM	25	25	17.16	17.29	17.07		
10	256QAM	50	0	17.10	17.05	17.00		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.16	22.18	22.11	23.5	0
5	QPSK	1	12	21.95	22.17	22.01		
5	QPSK	1	24	22.11	22.11	21.98		
5	QPSK	12	0	21.11	21.18	21.15	22.5	1
5	QPSK	12	7	20.94	21.14	21.12		
5	QPSK	12	13	20.97	21.15	21.00		
5	QPSK	25	0	21.09	21.15	21.14		
5	16QAM	1	0	21.11	21.12	21.15	22.5	1
5	16QAM	1	12	21.08	21.24	20.97		
5	16QAM	1	24	21.05	21.10	20.99		
5	16QAM	12	0	20.20	20.18	20.09	21.5	2
5	16QAM	12	7	19.93	20.16	20.04		
5	16QAM	12	13	20.00	20.13	19.89		
5	16QAM	25	0	20.14	20.17	20.03		
5	64QAM	1	0	20.10	20.25	20.13	21.5	2
5	64QAM	1	12	20.12	20.18	20.02		
5	64QAM	1	24	20.09	20.10	20.09		
5	64QAM	12	0	19.08	19.21	19.12	20.5	3
5	64QAM	12	7	19.02	19.09	19.05		
5	64QAM	12	13	19.04	19.11	18.88		
5	64QAM	25	0	19.18	19.16	18.98		
5	256QAM	1	0	17.23	17.25	17.14	18.5	5
5	256QAM	1	12	17.04	17.08	17.06		
5	256QAM	1	24	17.04	17.13	16.97		
5	256QAM	12	0	17.08	17.28	17.05	18.5	5
5	256QAM	12	7	17.12	17.20	17.11		
5	256QAM	12	13	17.13	17.28	17.03		
5	256QAM	25	0	17.15	17.05	16.98		

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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	20.63	20.77	20.84	20.62	20.62	22.5	0
20	QPSK	1	49	20.68	20.67	20.89	20.54	20.68		
20	QPSK	1	99	20.70	20.66	20.88	20.52	20.72		
20	QPSK	50	0	20.67	20.70	20.82	20.73	20.63	22.5	0
20	QPSK	50	24	20.63	20.71	20.87	20.63	20.72		
20	QPSK	50	50	20.60	20.67	20.84	20.55	20.61		
20	QPSK	100	0	20.61	20.69	20.82	20.64	20.69		
20	16QAM	1	0	20.60	20.67	20.87	20.58	20.69	22.5	0
20	16QAM	1	49	20.63	20.66	20.88	20.63	20.67		
20	16QAM	1	99	20.66	20.68	20.84	20.55	20.67		
20	16QAM	50	0	20.14	20.21	20.33	20.08	20.17	22	0.5
20	16QAM	50	24	20.14	20.21	20.33	20.08	20.17		
20	16QAM	50	50	20.14	20.21	20.33	20.08	20.17		
20	16QAM	100	0	20.14	20.21	20.33	20.08	20.17		
20	64QAM	1	0	20.14	20.21	20.33	20.08	20.17	22	0.5
20	64QAM	1	49	20.14	20.21	20.33	20.08	20.17		
20	64QAM	1	99	20.14	20.21	20.33	20.08	20.17		
20	64QAM	50	0	19.09	19.30	19.33	19.17	19.09	21	1.5
20	64QAM	50	24	19.15	19.24	19.32	19.09	19.16		
20	64QAM	50	50	19.14	19.22	19.32	19.13	19.17		
20	64QAM	100	0	19.18	19.26	19.32	19.06	19.18		
20	256QAM	1	0	17.07	17.29	17.39	17.11	17.14	19	3.5
20	256QAM	1	49	17.14	17.23	17.34	17.15	17.07		
20	256QAM	1	99	17.08	17.21	17.29	17.18	17.10		
20	256QAM	50	0	17.12	17.29	17.39	17.14	17.13	19	3.5
20	256QAM	50	24	17.09	17.33	17.38	17.15	17.12		
20	256QAM	50	50	17.08	17.25	17.30	17.14	17.13		
20	256QAM	100	0	17.11	17.25	17.28	17.09	17.13		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.52	20.68	20.69	20.49	20.54	22.50	0
15	QPSK	1	37	20.58	20.52	20.80	20.47	20.55		
15	QPSK	1	74	20.56	20.55	20.84	20.40	20.61		
15	QPSK	36	0	20.59	20.58	20.69	20.42	20.58	22.5	0
15	QPSK	36	20	20.47	20.59	20.81	20.50	20.65		
15	QPSK	36	39	20.53	20.60	20.77	20.42	20.45		
15	QPSK	75	0	20.53	20.54	20.66	20.59	20.54		
15	16QAM	1	0	20.47	20.57	20.82	20.44	20.63	22.5	0
15	16QAM	1	37	20.55	20.54	20.73	20.49	20.56		
15	16QAM	1	74	20.57	20.56	20.74	20.48	20.53		
15	16QAM	36	0	20.03	20.06	20.28	20.03	20.02	22	0.5
15	16QAM	36	20	20.03	20.08	20.23	20.01	20.01		
15	16QAM	36	39	19.99	20.08	20.18	20.01	20.09		
15	16QAM	75	0	20.00	20.15	20.24	19.99	20.03		
15	64QAM	1	0	20.00	20.16	20.23	20.02	20.06	22	0.5
15	64QAM	1	37	19.99	20.11	20.20	19.98	20.09		
15	64QAM	1	74	20.04	20.09	20.24	19.99	20.09		
15	64QAM	36	0	19.00	19.17	19.17	19.09	18.95	21	1.5
15	64QAM	36	20	19.09	19.09	19.23	19.04	19.03		
15	64QAM	36	39	19.01	19.15	19.25	18.98	19.09		
15	64QAM	75	0	19.09	19.13	19.21	18.97	19.02		
15	256QAM	1	0	16.93	17.22	17.31	17.02	17.00	19	3.5
15	256QAM	1	37	16.99	17.09	17.19	17.01	16.92		
15	256QAM	1	74	16.93	17.10	17.23	17.11	16.99		
15	256QAM	36	0	16.96	17.17	17.24	17.00	17.07	19	3.5
15	256QAM	36	20	17.02	17.18	17.30	17.01	16.98		
15	256QAM	36	39	16.97	17.16	17.17	17.04	17.00		
15	256QAM	75	0	16.97	17.09	17.18	16.93	16.99		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.58	20.72	20.71	20.53	20.55	22.50	0
10	QPSK	1	25	20.63	20.61	20.77	20.47	20.57		
10	QPSK	1	49	20.61	20.59	20.81	20.46	20.62		
10	QPSK	25	0	20.61	20.57	20.70	20.42	20.56	22.5	0
10	QPSK	25	12	20.52	20.59	20.75	20.54	20.58		
10	QPSK	25	25	20.49	20.54	20.69	20.50	20.48		
10	QPSK	50	0	20.48	20.63	20.74	20.53	20.60		
10	16QAM	1	0	20.50	20.57	20.73	20.44	20.63	22.5	0
10	16QAM	1	25	20.59	20.57	20.82	20.55	20.53		
10	16QAM	1	49	20.50	20.60	20.80	20.44	20.57		
10	16QAM	25	0	20.01	20.13	20.24	19.95	20.07	22	0.5
10	16QAM	25	12	20.06	20.17	20.25	19.99	20.11		
10	16QAM	25	25	20.04	20.07	20.28	20.04	20.12		
10	16QAM	50	0	20.00	20.11	20.17	19.97	20.08		
10	64QAM	1	0	20.01	20.07	20.21	19.98	20.04	22	0.5
10	64QAM	1	25	20.05	20.11	20.20	19.99	20.04		
10	64QAM	1	49	20.06	20.05	20.22	19.94	20.06		
10	64QAM	25	0	18.97	19.25	19.24	19.11	18.98	21	1.5
10	64QAM	25	12	19.06	19.09	19.17	18.96	19.03		
10	64QAM	25	25	18.99	19.13	19.17	19.08	19.04		
10	64QAM	50	0	19.02	19.21	19.26	18.95	19.13		
10	256QAM	1	0	16.95	17.21	17.28	17.01	17.00	19	3.5
10	256QAM	1	25	17.00	17.15	17.26	17.01	16.93		
10	256QAM	1	49	17.03	17.10	17.21	17.09	16.96		
10	256QAM	25	0	16.96	17.20	17.24	17.06	17.00	19	3.5
10	256QAM	25	12	17.04	17.21	17.28	17.08	17.04		
10	256QAM	25	25	16.95	17.11	17.18	17.09	16.99		
10	256QAM	50	0	16.98	17.10	17.22	17.00	17.06		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.52	20.68	20.78	20.51	20.47	22.50	0
5	QPSK	1	12	20.64	20.62	20.84	20.44	20.60		
5	QPSK	1	24	20.62	20.62	20.77	20.46	20.56		
5	QPSK	12	0	20.61	20.64	20.70	20.45	20.51	22.5	0
5	QPSK	12	7	20.53	20.56	20.72	20.53	20.59		
5	QPSK	12	13	20.50	20.55	20.80	20.50	20.54		
5	QPSK	25	0	20.46	20.58	20.67	20.50	20.62		
5	16QAM	1	0	20.52	20.52	20.71	20.43	20.61	22.5	0
5	16QAM	1	12	20.49	20.59	20.75	20.49	20.58		
5	16QAM	1	24	20.56	20.59	20.73	20.43	20.57		
5	16QAM	12	0	20.07	20.08	20.21	19.99	20.04	22	0.5
5	16QAM	12	7	20.05	20.06	20.17	19.98	20.10		
5	16QAM	12	13	20.04	20.13	20.29	20.00	20.03		
5	16QAM	25	0	20.02	20.06	20.25	20.02	20.09		
5	64QAM	1	0	20.08	20.08	20.18	19.98	20.08	22	0.5
5	64QAM	1	12	20.01	20.16	20.22	20.04	20.03		
5	64QAM	1	24	20.06	20.11	20.23	19.93	20.09		
5	64QAM	12	0	18.99	19.21	19.22	19.04	18.96	21	1.5
5	64QAM	12	7	19.01	19.17	19.22	19.05	19.10		
5	64QAM	12	13	19.00	19.17	19.18	19.00	19.03		
5	64QAM	25	0	19.05	19.19	19.23	19.00	19.09		
5	256QAM	1	0	16.96	17.20	17.29	17.02	17.01	19	3.5
5	256QAM	1	12	17.06	17.15	17.23	17.10	17.00		
5	256QAM	1	24	17.01	17.09	17.13	17.03	16.97		
5	256QAM	12	0	17.06	17.20	17.33	17.06	17.03	19	3.5
5	256QAM	12	7	16.94	17.25	17.23	17.02	17.06		
5	256QAM	12	13	16.96	17.10	17.20	16.99	16.99		
5	256QAM	25	0	16.96	17.19	17.24	16.98	16.99		

Full & Default Power

FR1 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	25.26	25.29	25.18	25.7	0.0
20	PI/2 BPSK	1	53	25.35	25.41	25.38		
20	PI/2 BPSK	1	104	25.32	25.36	25.32		
20	PI/2 BPSK	50	0	24.72	24.85	24.78	25.2	0.5
20	PI/2 BPSK	50	28	25.39	25.42	25.34	25.7	0.0
20	PI/2 BPSK	50	56	24.72	24.81	24.70	25.2	0.5
20	PI/2 BPSK	100	0	24.73	24.85	24.81		
20	QPSK	1	1	25.41	25.46	25.40	25.7	0.0
20	QPSK	1	53	25.37	25.41	25.32		
20	QPSK	1	104	25.34	25.38	25.28		
20	QPSK	50	0	24.30	24.33	24.28	24.7	1.0
20	QPSK	50	28	25.28	25.35	25.32	25.7	0.0
20	QPSK	50	56	24.15	24.28	24.16	24.7	1.0
20	QPSK	100	0	24.17	24.31	24.19		
20	16QAM	1	1	23.98	24.07	23.99	24.7	1.0
20	64QAM	1	1	22.66	22.71	22.65	23.2	2.5
20	256QAM	1	1	20.99	21.02	20.89	21.2	4.5
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.35	25.34	25.36	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.29	25.42	25.31	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.28	25.43	25.34	25.7	0.0

FR1 n26 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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.31	25.35	25.23	25.7	0.0
20	PI/2 BPSK	1	53	25.38	25.47	25.40		
20	PI/2 BPSK	1	104	25.40	25.42	25.34		
20	PI/2 BPSK	50	0	24.77	24.91	24.84	25.2	0.5
20	PI/2 BPSK	50	28	25.45	25.46	25.39	25.7	0.0
20	PI/2 BPSK	50	56	24.80	24.88	24.76	25.2	0.5
20	PI/2 BPSK	100	0	24.78	24.90	24.84		
20	QPSK	1	1	25.49	25.50	25.45	25.7	0.0
20	QPSK	1	53	25.42	25.45	25.40		
20	QPSK	1	104	25.37	25.42	25.32		
20	QPSK	50	0	24.38	24.37	24.32	24.7	1.0
20	QPSK	50	28	25.35	25.41	25.39	25.7	0.0
20	QPSK	50	56	24.23	24.33	24.22	24.7	1.0
20	QPSK	100	0	24.23	24.37	24.22		
20	16QAM	1	1	24.01	24.12	24.05	24.7	1.0
20	64QAM	1	1	22.73	22.74	22.67	23.2	2.5
20	256QAM	1	1	21.06	21.05	20.92	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.38	25.38	25.41	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.36	25.45	25.35	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.33	25.46	25.40	25.7	0.0

FR1 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	25.22	25.29	25.26	25.7	0.0
20	PI/2 BPSK	1	53	25.37	25.40	25.32		
20	PI/2 BPSK	1	104	25.17	25.24	25.18		
20	PI/2 BPSK	50	0	24.64	24.74	24.68	25.2	0.5
20	PI/2 BPSK	50	28	25.24	25.32	25.21	25.7	0.0
20	PI/2 BPSK	50	56	24.60	24.71	24.65	25.2	0.5
20	PI/2 BPSK	100	0	24.71	24.75	24.62		
20	QPSK	1	1	25.40	25.45	25.41	25.7	0.0
20	QPSK	1	53	25.31	25.41	25.37		
20	QPSK	1	104	25.28	25.31	25.24		
20	QPSK	50	0	24.21	24.23	24.17	24.7	1.0
20	QPSK	50	28	25.38	25.41	25.28	25.7	0.0
20	QPSK	50	56	24.15	24.19	24.09	24.7	1.0
20	QPSK	100	0	24.07	24.21	24.13		
20	16QAM	1	1	23.95	24.02	23.98	24.7	1.0
20	64QAM	1	1	22.54	22.63	22.50	23.2	2.5
20	256QAM	1	1	21.07	21.16	21.07	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.28	25.43	25.38	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.27	25.42	25.33	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.33	25.34	25.37	25.7	0.0

FR1 n26 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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.30	25.31	25.31	25.7	0.0
20	PI/2 BPSK	1	53	25.43	25.47	25.36		
20	PI/2 BPSK	1	104	25.21	25.29	25.24		
20	PI/2 BPSK	50	0	24.71	24.81	24.72	25.2	0.5
20	PI/2 BPSK	50	28	25.32	25.35	25.29	25.7	0.0
20	PI/2 BPSK	50	56	24.62	24.74	24.70	25.2	0.5
20	PI/2 BPSK	100	0	24.75	24.80	24.68		
20	QPSK	1	1	25.46	25.49	25.44	25.7	0.0
20	QPSK	1	53	25.37	25.47	25.39		
20	QPSK	1	104	25.30	25.39	25.30		
20	QPSK	50	0	24.28	24.29	24.21	24.7	1.0
20	QPSK	50	28	25.42	25.45	25.35	25.7	0.0
20	QPSK	50	56	24.21	24.26	24.13	24.7	1.0
20	QPSK	100	0	24.11	24.25	24.16		
20	16QAM	1	1	24.02	24.07	24.06	24.7	1.0
20	64QAM	1	1	22.62	22.71	22.55	23.2	2.5
20	256QAM	1	1	21.12	21.11	21.15	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.33	25.41	25.42	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.30	25.44	25.36	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.35	25.38	25.40	25.7	0.0

FR1 n2 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				372000	376000	380000		
Frequency (MHz)				1880	1880	1900		
20	PI/2 BPSK	1	1	24.41	24.51	24.46	25.7	0.0
20	PI/2 BPSK	1	53	24.45	24.59	24.48		
20	PI/2 BPSK	1	104	24.49	24.55	24.46		
20	PI/2 BPSK	50	0	24.06	24.15	24.08	25.2	0.5
20	PI/2 BPSK	50	28	24.57	24.68	24.55	25.7	0.0
20	PI/2 BPSK	50	56	24.10	24.15	24.12	25.2	0.5
20	PI/2 BPSK	100	0	24.16	24.19	24.05		
20	QPSK	1	1	24.77	24.85	24.75	25.7	0.0
20	QPSK	1	53	24.60	24.71	24.67		
20	QPSK	1	104	24.61	24.69	24.61		
20	QPSK	50	0	23.51	23.63	23.57	24.7	1.0
20	QPSK	50	28	24.58	24.64	24.57	25.7	0.0
20	QPSK	50	56	23.53	23.60	23.54	24.7	1.0
20	QPSK	100	0	23.57	23.64	23.51		
20	16QAM	1	1	23.29	23.31	23.17	24.7	1.0
20	64QAM	1	1	21.72	21.83	21.69	23.2	2.5
20	256QAM	1	1	20.43	20.49	20.46	21.2	4.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.67	24.79	24.65	25.7	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.73	24.77	24.71	25.7	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	24.65	24.80	24.70	25.7	0.0

FR1 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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.71	24.74	24.67	25.7	0.0
50	PI/2 BPSK	1	135	24.74	24.82	24.69		
50	PI/2 BPSK	1	268	24.60	24.72	24.65		
50	PI/2 BPSK	135	0	24.35	24.41	24.30	25.2	0.5
50	PI/2 BPSK	135	68	24.68	24.81	24.79	25.7	0.0
50	PI/2 BPSK	135	135	24.32	24.35	24.29	25.2	0.5
50	PI/2 BPSK	270	0	24.33	24.36	24.24		
50	QPSK	1	1	24.80	24.84	24.81	25.7	0.0
50	QPSK	1	135	24.78	24.83	24.70		
50	QPSK	1	268	24.76	24.81	24.70		
50	QPSK	135	0	23.86	23.89	23.82	24.7	1.0
50	QPSK	135	68	24.74	24.76	24.72	25.7	0.0
50	QPSK	135	135	23.76	23.83	23.71	24.7	1.0
50	QPSK	270	0	23.77	23.86	23.72		
50	16QAM	1	1	23.53	23.64	23.62	24.7	1.0
50	64QAM	1	1	22.08	22.13	22.01	23.2	2.5
50	256QAM	1	1	20.53	20.60	20.49	21.2	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.73	24.75	24.70	25.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.69	24.81	24.78	25.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.74	24.77	24.69	25.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.75	24.73	24.70	25.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.78	24.72	24.75	25.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.73	24.74	24.70	25.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.67	24.74	24.76	25.7	0.0

FR1 n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.82	24.93	24.88	25.7	0.0
40	PI/2 BPSK	1	108	24.95	25.07	24.94		
40	PI/2 BPSK	1	214	24.94	25.03	24.98		
40	PI/2 BPSK	108	0	24.44	24.51	24.42	25.2	0.5
40	PI/2 BPSK	108	54	24.94	25.07	24.96	25.7	0.0
40	PI/2 BPSK	108	108	24.43	24.53	24.49	25.2	0.5
40	PI/2 BPSK	216	0	24.49	24.56	24.46		
40	QPSK	1	1	25.12	25.15	25.09	25.7	0.0
40	QPSK	1	108	25.04	25.14	25.01		
40	QPSK	1	214	25.02	25.13	25.01		
40	QPSK	108	0	23.86	23.95	23.84	24.7	1.0
40	QPSK	108	54	24.97	25.07	24.95	25.7	0.0
40	QPSK	108	108	23.93	24.00	23.94	24.7	1.0
40	QPSK	216	0	23.88	23.99	23.88		
40	16QAM	1	1	23.54	23.68	23.55	24.7	1.0
40	64QAM	1	1	22.12	22.22	22.18	23.2	2.5
40	256QAM	1	1	20.64	20.74	20.64	21.2	4.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	25.03	25.10	25.07	25.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	25.00	25.03	24.98	25.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	25.04	25.06	24.99	25.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	25.08	25.02	24.97	25.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	25.00	25.05	25.01	25.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.99	25.08	24.96	25.7	0.0

FR1 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				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	24.85	24.99	24.91	25.7	0.0
40	PI/2 BPSK	1	53	24.98	25.03	24.93		
40	PI/2 BPSK	1	104	24.87	24.95	24.85		
40	PI/2 BPSK	50	0	24.31	24.34	24.31	25.2	0.5
40	PI/2 BPSK	50	28	24.80	24.90	24.88	25.7	0.0
40	PI/2 BPSK	50	56	24.27	24.33	24.29	25.2	0.5
40	PI/2 BPSK	100	0	24.29	24.35	24.27		
40	QPSK	1	1	25.11	25.15	25.10	25.7	0.0
40	QPSK	1	53	24.98	25.06	25.03		
40	QPSK	1	104	24.80	24.88	24.85		
40	QPSK	50	0	23.81	23.84	23.76	25.7	0.0
40	QPSK	50	28	24.79	24.83	24.73		
40	QPSK	50	56	23.71	23.81	23.72		
40	QPSK	100	0	23.80	23.83	23.81	24.7	1.0
40	16QAM	1	1	23.51	23.60	23.57	24.7	1.0
40	64QAM	1	1	22.04	22.15	22.10	23.2	2.5
40	256QAM	1	1	20.55	20.61	20.57	21.2	4.5
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	24.98	25.06	25.04	25.7	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	25.04	25.06	25.03	25.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	25.04	25.12	25.04	25.7	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	24.97	25.09	25.06	25.7	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	25.02	25.08	25.08	25.7	0.0

PC3 FR1 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	23.15	23.20	23.06	25.0	0.0
100	PI/2 BPSK	1	137	23.16	23.21	23.14		
100	PI/2 BPSK	1	271	23.19	23.22	23.13		
100	PI/2 BPSK	135	0	23.05	23.14	23.04	24.5	0.5
100	PI/2 BPSK	135	69	22.97	23.11	23.08	25.0	0.0
100	PI/2 BPSK	135	138	22.88	23.01	22.94	24.5	0.5
100	PI/2 BPSK	270	0	23.03	23.11	23.07		
100	QPSK	1	1	23.26	23.29	23.21	25.0	0.0
100	QPSK	1	137	23.16	23.21	23.13		
100	QPSK	1	271	23.01	23.10	23.00		
100	QPSK	135	0	23.07	23.14	23.06	25.0	0.0
100	QPSK	135	69	23.17	23.27	23.16		
100	QPSK	135	138	22.99	23.03	22.90		
100	QPSK	270	0	22.97	23.11	23.08	24.0	1.0
100	16QAM	1	1	22.81	22.86	22.83	24.0	1.0
100	64QAM	1	1	22.83	22.85	22.74	22.5	2.5
100	256QAM	1	1	21.91	21.96	21.91	20.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.16	23.21	23.08	25.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.15	23.21	23.10	25.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.17	23.19	23.16	25.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.19	23.23	23.10	25.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.17	23.18	23.11	25.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.22	23.24	23.08	25.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.15	23.15	23.13	25.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.14	23.27	23.14	25.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.23	23.26	23.14	25.0	0.0

PC2 FR1 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	25.74	25.93	25.83	27.5	0.0
100	PI/2 BPSK	1	137	25.69	25.96	25.84		
100	PI/2 BPSK	1	271	25.72	25.96	25.79		
100	PI/2 BPSK	135	0	25.24	25.54	25.40	27.0	0.5
100	PI/2 BPSK	135	69	25.73	25.99	25.85	27.5	0.0
100	PI/2 BPSK	135	138	25.27	25.51	25.42	27.0	0.5
100	PI/2 BPSK	270	0	25.29	25.58	25.37		
100	QPSK	1	1	25.96	26.05	25.91	27.5	0.0
100	QPSK	1	137	25.86	25.86	25.72		
100	QPSK	1	271	25.68	25.93	25.83		
100	QPSK	135	0	25.68	25.94	25.82	27.5	0.0
100	QPSK	135	69	25.97	25.99	25.90		
100	QPSK	135	138	25.62	25.95	25.81		
100	QPSK	270	0	24.98	25.02	24.95	26.5	1.0
100	16QAM	1	1	24.85	24.92	24.87	26.5	1.0
100	64QAM	1	1	23.30	23.53	23.38	25.0	2.5
100	256QAM	1	1	21.54	21.59	21.48	23.0	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.62	25.95	25.82	27.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	25.63	25.95	25.85	27.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.71	25.99	25.81	27.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.71	25.96	25.84	27.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.67	25.96	25.83	27.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.72	25.95	25.86	27.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.70	25.99	25.80	27.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.71	25.99	25.89	27.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.70	25.94	25.80	27.5	0.0

FR1 n2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	24.07	24.15	24.12	25.5	0.0
20	PI/2 BPSK	1	53	24.11	24.23	24.18		
20	PI/2 BPSK	1	104	24.14	24.18	24.13		
20	PI/2 BPSK	50	0	23.71	23.74	23.68	25.0	0.5
20	PI/2 BPSK	50	28	24.25	24.29	24.22	25.5	0.0
20	PI/2 BPSK	50	56	23.64	23.73	23.63	25.0	0.5
20	PI/2 BPSK	100	0	23.65	23.76	23.73		
20	QPSK	1	1	24.38	24.41	24.35	25.5	0.0
20	QPSK	1	53	24.28	24.36	24.31		
20	QPSK	1	104	24.18	24.31	24.20		
20	QPSK	50	0	23.21	23.24	23.21	24.5	1.0
20	QPSK	50	28	24.24	24.27	24.17	25.5	0.0
20	QPSK	50	56	23.08	23.22	23.18	24.5	1.0
20	QPSK	100	0	23.15	23.25	23.23		
20	16QAM	1	1	22.84	22.93	22.88	24.5	1.0
20	64QAM	1	1	21.42	21.47	21.42	23.0	2.5
20	256QAM	1	1	19.99	20.12	20.02	21.0	4.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.33	24.34	24.33	25.5	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.34	24.37	24.28	25.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	24.29	24.35	24.23	25.5	0.0

FR1 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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.42	24.51	24.42	25.7	0.0
50	PI/2 BPSK	1	135	24.45	24.58	24.53		
50	PI/2 BPSK	1	268	24.45	24.49	24.45		
50	PI/2 BPSK	135	0	24.08	24.14	24.11	25.2	0.5
50	PI/2 BPSK	135	68	24.63	24.70	24.68	25.7	0.0
50	PI/2 BPSK	135	135	24.03	24.15	24.10	25.2	0.5
50	PI/2 BPSK	270	0	24.04	24.14	24.01		
50	QPSK	1	1	24.70	24.74	24.68	25.7	0.0
50	QPSK	1	135	24.59	24.69	24.62		
50	QPSK	1	268	24.48	24.59	24.57		
50	QPSK	135	0	23.48	23.61	23.53	24.7	1.0
50	QPSK	135	68	24.50	24.64	24.52	25.7	0.0
50	QPSK	135	135	23.55	23.61	23.51	24.7	1.0
50	QPSK	270	0	23.49	23.61	23.48		
50	16QAM	1	1	23.28	23.32	23.18	24.7	1.0
50	64QAM	1	1	21.77	21.83	21.75	23.2	2.5
50	256QAM	1	1	20.20	20.34	20.30	21.2	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.60	24.66	24.59	25.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.61	24.64	24.55	25.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.62	24.69	24.56	25.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.64	24.62	24.59	25.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.65	24.64	24.56	25.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.62	24.61	24.58	25.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.61	24.61	24.63	25.7	0.0

FR1 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				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	24.37	24.45	24.39	25.5	0.0
40	PI/2 BPSK	1	53	24.35	24.45	24.36		
40	PI/2 BPSK	1	104	24.31	24.36	24.24		
40	PI/2 BPSK	50	0	23.75	23.84	23.81	25.0	0.5
40	PI/2 BPSK	50	28	24.31	24.37	24.23	25.5	0.0
40	PI/2 BPSK	50	56	23.68	23.77	23.74	25.0	0.5
40	PI/2 BPSK	100	0	23.76	23.84	23.81		
40	QPSK	1	1	24.43	24.47	24.42	25.5	0.0
40	QPSK	1	53	24.33	24.44	24.39		
40	QPSK	1	104	24.22	24.32	24.22		
40	QPSK	50	0	23.27	23.30	23.16	25.5	0.0
40	QPSK	50	28	24.28	24.40	24.34		
40	QPSK	50	56	23.16	23.27	23.21		
40	QPSK	100	0	23.19	23.32	23.24	24.5	1.0
40	16QAM	1	1	22.98	23.12	23.02	24.5	1.0
40	64QAM	1	1	21.52	21.66	21.54	23.0	2.5
40	256QAM	1	1	20.11	20.17	20.13	21.0	4.5
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	24.37	24.39	24.35	25.5	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	24.34	24.34	24.31	25.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.29	24.41	24.30	25.5	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	24.34	24.37	24.29	25.5	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	24.40	24.35	24.31	25.5	0.0

PC3 FR1 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	22.39	22.45	22.36	24.0	0.0
100	PI/2 BPSK	1	137	22.47	22.52	22.38		
100	PI/2 BPSK	1	271	22.27	22.36	22.24		
100	PI/2 BPSK	135	0	22.34	22.39	22.34	23.5	0.5
100	PI/2 BPSK	135	69	22.33	22.38	22.35	24.0	0.0
100	PI/2 BPSK	135	138	22.21	22.23	22.17	23.5	0.5
100	PI/2 BPSK	270	0	22.22	22.36	22.32		
100	QPSK	1	1	22.58	22.64	22.56	24.0	0.0
100	QPSK	1	137	22.40	22.48	22.42		
100	QPSK	1	271	22.21	22.29	22.16		
100	QPSK	135	0	22.28	22.42	22.28	24.0	0.0
100	QPSK	135	69	22.38	22.49	22.46		
100	QPSK	135	138	22.15	22.25	22.20		
100	QPSK	270	0	22.24	22.37	22.25	23.0	1.0
100	16QAM	1	1	22.05	22.09	21.95	23.0	1.0
100	64QAM	1	1	22.09	22.15	22.02	21.5	2.5
100	256QAM	1	1	21.18	21.24	21.15	19.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.47	22.52	22.48	24.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.47	22.56	22.53	24.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.47	22.51	22.49	24.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.47	22.55	22.47	24.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.56	22.58	22.43	24.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.52	22.57	22.52	24.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.53	22.54	22.51	24.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.53	22.61	22.49	24.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.54	22.52	22.50	24.0	0.0

PC2 FR1 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	25.36	25.44	25.33	27.0	0.0
100	PI/2 BPSK	1	137	25.49	25.47	25.34		
100	PI/2 BPSK	1	271	25.29	25.30	25.25		
100	PI/2 BPSK	135	0	25.32	25.43	25.39	26.5	0.5
100	PI/2 BPSK	135	69	25.33	25.43	25.39	27.0	0.0
100	PI/2 BPSK	135	138	25.16	25.27	25.11	26.5	0.5
100	PI/2 BPSK	270	0	25.24	25.32	25.38		
100	QPSK	1	1	25.60	25.69	25.53	27.0	0.0
100	QPSK	1	137	25.43	25.48	25.39		
100	QPSK	1	271	25.27	25.26	25.10		
100	QPSK	135	0	25.25	25.45	25.30	27.0	0.0
100	QPSK	135	69	25.43	25.53	25.46		
100	QPSK	135	138	25.11	25.20	25.22		
100	QPSK	270	0	25.22	25.31	25.25	26.0	1.0
100	16QAM	1	1	25.08	25.03	24.90	26.0	1.0
100	64QAM	1	1	25.12	25.12	24.97	24.5	2.5
100	256QAM	1	1	24.18	24.28	24.12	22.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.49	25.61	25.47	27.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	25.54	25.58	25.49	27.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.54	25.62	25.50	27.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.49	25.60	25.51	27.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.55	25.61	25.46	27.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.53	25.55	25.40	27.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.50	25.60	25.50	27.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.49	25.62	25.49	27.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.55	25.60	25.39	27.0	0.0

FR1 n2 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	24.49	24.53	24.44	25.5	0.0
20	PI/2 BPSK	1	53	24.54	24.65	24.54		
20	PI/2 BPSK	1	104	24.57	24.64	24.52		
20	PI/2 BPSK	50	0	24.10	24.16	24.03	25.0	0.5
20	PI/2 BPSK	50	28	24.61	24.72	24.70	25.5	0.0
20	PI/2 BPSK	50	56	24.00	24.13	24.10	25.0	0.5
20	PI/2 BPSK	100	0	24.14	24.18	24.06		
20	QPSK	1	1	24.91	24.95	24.86	25.5	0.0
20	QPSK	1	53	24.65	24.79	24.75		
20	QPSK	1	104	24.60	24.73	24.65		
20	QPSK	50	0	23.52	23.66	23.52	24.5	1.0
20	QPSK	50	28	24.54	24.67	24.57	25.5	0.0
20	QPSK	50	56	23.65	23.67	23.53	24.5	1.0
20	QPSK	100	0	23.63	23.66	23.56		
20	16QAM	1	1	23.25	23.36	23.23	24.5	1.0
20	64QAM	1	1	21.75	21.87	21.78	23.0	2.5
20	256QAM	1	1	20.41	20.51	20.47	21.0	4.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.88	24.90	24.77	25.5	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.80	24.90	24.81	25.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	24.82	24.86	24.72	25.5	0.0

FR1 n7 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	25.15	25.18	25.08	25.7	0.0
50	PI/2 BPSK	1	135	25.19	25.30	25.24		
50	PI/2 BPSK	1	268	25.20	25.23	25.20		
50	PI/2 BPSK	135	0	24.85	24.88	24.75	25.2	0.5
50	PI/2 BPSK	135	68	25.38	25.44	25.38	25.7	0.0
50	PI/2 BPSK	135	135	24.76	24.83	24.73	25.2	0.5
50	PI/2 BPSK	270	0	24.79	24.81	24.76		
50	QPSK	1	1	25.35	25.48	25.41	25.7	0.0
50	QPSK	1	135	25.27	25.29	25.25		
50	QPSK	1	268	25.29	25.38	25.33		
50	QPSK	135	0	24.23	24.36	24.33	24.7	1.0
50	QPSK	135	68	25.27	25.37	25.28	25.7	0.0
50	QPSK	135	135	24.26	24.34	24.29	24.7	1.0
50	QPSK	270	0	24.27	24.31	24.24		
50	16QAM	1	1	23.96	24.03	23.90	24.7	1.0
50	64QAM	1	1	22.49	22.55	22.53	23.2	2.5
50	256QAM	1	1	20.89	21.03	20.93	21.2	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	25.26	25.34	25.35	25.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.27	25.40	25.38	25.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.32	25.36	25.34	25.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	25.29	25.35	25.35	25.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	25.31	25.36	25.31	25.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	25.29	25.36	25.28	25.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	25.22	25.39	25.38	25.7	0.0

FR1 n66 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	25.07	25.13	25.08	25.7	0.0
40	PI/2 BPSK	1	108	25.21	25.25	25.12		
40	PI/2 BPSK	1	214	25.21	25.25	25.21		
40	PI/2 BPSK	108	0	24.66	24.72	24.64	25.2	0.5
40	PI/2 BPSK	108	54	25.21	25.28	25.24	25.7	0.0
40	PI/2 BPSK	108	108	24.71	24.75	24.67	25.2	0.5
40	PI/2 BPSK	216	0	24.73	24.76	24.63		
40	QPSK	1	1	25.34	25.43	25.38	25.7	0.0
40	QPSK	1	108	25.31	25.37	25.31		
40	QPSK	1	214	25.30	25.35	25.23		
40	QPSK	108	0	24.10	24.18	24.14	24.7	1.0
40	QPSK	108	54	25.21	25.34	25.21	25.7	0.0
40	QPSK	108	108	24.16	24.23	24.18	24.7	1.0
40	QPSK	216	0	24.09	24.22	24.13		
40	16QAM	1	1	23.82	23.93	23.84	24.7	1.0
40	64QAM	1	1	22.38	22.42	22.32	23.2	2.5
40	256QAM	1	1	20.82	20.95	20.92	21.2	4.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	25.28	25.33	25.27	25.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	25.22	25.34	25.29	25.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	25.31	25.31	25.31	25.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	25.29	25.38	25.34	25.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	25.20	25.30	25.33	25.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	25.26	25.33	25.27	25.7	0.0

FR1 n38 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	25.31	25.43	25.37	25.7	0.0
40	PI/2 BPSK	1	53	25.33	25.43	25.32		
40	PI/2 BPSK	1	104	25.51	25.57	25.45		
40	PI/2 BPSK	50	0	24.97	25.00	24.87	25.2	0.5
40	PI/2 BPSK	50	28	25.45	25.55	25.53	25.7	0.0
40	PI/2 BPSK	50	56	24.83	24.94	24.92	25.2	0.5
40	PI/2 BPSK	100	0	24.92	24.95	24.90		
40	QPSK	1	1	25.60	25.64	25.56	25.7	0.0
40	QPSK	1	53	25.41	25.49	25.43		
40	QPSK	1	104	25.34	25.48	25.42		
40	QPSK	50	0	24.36	24.44	24.35	25.7	0.0
40	QPSK	50	28	25.50	25.54	25.44		
40	QPSK	50	56	24.27	24.40	24.29		
40	QPSK	100	0	24.35	24.47	24.36	24.7	1.0
40	16QAM	1	1	24.20	24.27	24.17	24.7	1.0
40	64QAM	1	1	22.66	22.78	22.67	23.2	2.5
40	256QAM	1	1	21.17	21.26	21.15	21.2	4.5
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	25.50	25.54	25.45	25.7	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	25.52	25.56	25.47	25.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	25.46	25.55	25.45	25.7	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	25.52	25.54	25.42	25.7	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	25.55	25.51	25.54	25.7	0.0

PC3 FR1 n41 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.51	23.64	23.59	24.5	0.0
100	PI/2 BPSK	1	137	23.63	23.68	23.57		
100	PI/2 BPSK	1	271	23.51	23.59	23.49		
100	PI/2 BPSK	135	0	23.56	23.58	23.50	24.0	0.5
100	PI/2 BPSK	135	69	23.45	23.53	23.47	24.5	0.0
100	PI/2 BPSK	135	138	23.32	23.40	23.29	24.0	0.5
100	PI/2 BPSK	270	0	23.44	23.50	23.40		
100	QPSK	1	1	23.68	23.75	23.71	24.5	0.0
100	QPSK	1	137	23.46	23.59	23.50		
100	QPSK	1	271	23.28	23.42	23.38		
100	QPSK	135	0	23.49	23.53	23.48	24.5	0.0
100	QPSK	135	69	23.62	23.65	23.55		
100	QPSK	135	138	23.34	23.40	23.29		
100	QPSK	270	0	23.54	23.56	23.50	23.5	1.0
100	16QAM	1	1	23.20	23.26	23.15	23.5	1.0
100	64QAM	1	1	23.18	23.30	23.20	22.0	2.5
100	256QAM	1	1	22.29	22.38	22.26	20.0	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.56	23.67	23.58	24.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.64	23.61	23.63	24.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.62	23.62	23.60	24.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.66	23.65	23.58	24.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.65	23.61	23.59	24.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.57	23.67	23.64	24.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.64	23.63	23.68	24.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.66	23.63	23.59	24.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.58	23.64	23.69	24.5	0.0

PC2 FR1 n41 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.28	26.50	26.42	27.0	0.0
100	PI/2 BPSK	1	137	26.38	26.45	26.37		
100	PI/2 BPSK	1	271	26.36	26.42	26.33		
100	PI/2 BPSK	135	0	26.32	26.34	26.32	26.5	0.5
100	PI/2 BPSK	135	69	26.20	26.36	26.22	27.0	0.0
100	PI/2 BPSK	135	138	26.06	26.21	26.05	26.5	0.5
100	PI/2 BPSK	270	0	26.27	26.32	26.19		
100	QPSK	1	1	26.43	26.54	26.53	27.0	0.0
100	QPSK	1	137	26.30	26.39	26.35		
100	QPSK	1	271	26.10	26.20	26.17		
100	QPSK	135	0	26.30	26.34	26.31	27.0	0.0
100	QPSK	135	69	26.42	26.45	26.39		
100	QPSK	135	138	26.16	26.23	26.05		
100	QPSK	270	0	26.29	26.38	26.32	26.0	1.0
100	16QAM	1	1	25.99	26.05	25.90	26.0	1.0
100	64QAM	1	1	25.98	26.11	25.97	24.5	2.5
100	256QAM	1	1	25.11	25.22	25.08	22.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.37	26.48	26.39	27.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	26.37	26.50	26.47	27.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.36	26.41	26.41	27.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.38	26.44	26.50	27.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.37	26.48	26.43	27.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.30	26.48	26.47	27.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.34	26.42	26.45	27.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.36	26.45	26.50	27.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.36	26.46	26.49	27.0	0.0

FR1 n2 Ant5 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.71	22.77	22.68		
20	PI/2 BPSK	1	53	22.79	22.84	22.76	24.0	0.0
20	PI/2 BPSK	1	104	22.74	22.81	22.71		
20	PI/2 BPSK	50	0	22.26	22.40	22.29	23.5	0.5
20	PI/2 BPSK	50	28	22.85	22.93	22.80	24.0	0.0
20	PI/2 BPSK	50	56	22.21	22.35	22.32	23.5	0.5
20	PI/2 BPSK	100	0	22.27	22.39	22.32		
20	QPSK	1	1	22.88	22.96	22.89	24.0	0.0
20	QPSK	1	53	22.86	22.92	22.81		
20	QPSK	1	104	22.92	22.95	22.88		
20	QPSK	50	0	21.79	21.87	21.74	23.0	1.0
20	QPSK	50	28	22.77	22.89	22.78	24.0	0.0
20	QPSK	50	56	21.82	21.86	21.77	23.0	1.0
20	QPSK	100	0	21.80	21.89	21.84		
20	16QAM	1	1	21.43	21.56	21.42	23.0	1.0
20	64QAM	1	1	20.04	20.11	20.00	21.5	2.5
20	256QAM	1	1	18.70	18.76	18.67	19.5	4.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.76	22.87	22.83	24.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.84	22.83	22.87	24.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.76	22.89	22.80	24.0	0.0

FR1 n7 Ant5 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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.28	22.32	22.28		
50	PI/2 BPSK	1	135	22.36	22.48	22.37	24.0	0.0
50	PI/2 BPSK	1	268	22.31	22.43	22.36		
50	PI/2 BPSK	135	0	21.93	22.03	21.90	23.5	0.5
50	PI/2 BPSK	135	68	22.46	22.57	22.48	24.0	0.0
50	PI/2 BPSK	135	135	22.02	22.07	22.03	23.5	0.5
50	PI/2 BPSK	270	0	21.99	22.02	21.91		
50	QPSK	1	1	22.52	22.61	22.57	24.0	0.0
50	QPSK	1	135	22.53	22.56	22.44		
50	QPSK	1	268	22.55	22.57	22.53		
50	QPSK	135	0	21.40	21.48	21.40	23.0	1.0
50	QPSK	135	68	22.42	22.55	22.44	24.0	0.0
50	QPSK	135	135	21.49	21.53	21.49	23.0	1.0
50	QPSK	270	0	21.45	21.49	21.45		
50	16QAM	1	1	21.12	21.23	21.17	23.0	1.0
50	64QAM	1	1	19.68	19.73	19.60	21.5	2.5
50	256QAM	1	1	18.17	18.21	18.18	19.5	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.40	22.56	22.49	24.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.38	22.55	22.47	24.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.39	22.54	22.46	24.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.50	22.54	22.46	24.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.48	22.53	22.46	24.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.46	22.54	22.51	24.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.45	22.52	22.51	24.0	0.0

FR1 n66 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.07	23.17	23.14		
40	PI/2 BPSK	1	108	23.30	23.33	23.24	24.5	0.0
40	PI/2 BPSK	1	214	23.27	23.32	23.29		
40	PI/2 BPSK	108	0	22.68	22.81	22.77	24.0	0.5
40	PI/2 BPSK	108	54	23.28	23.36	23.24	24.5	0.0
40	PI/2 BPSK	108	108	22.72	22.86	22.76	24.0	0.5
40	PI/2 BPSK	216	0	22.81	22.87	22.83		
40	QPSK	1	1	23.39	23.44	23.35	24.5	0.0
40	QPSK	1	108	23.28	23.36	23.34		
40	QPSK	1	214	23.24	23.33	23.25		
40	QPSK	108	0	22.19	22.25	22.15	23.5	1.0
40	QPSK	108	54	23.19	23.31	23.27	24.5	0.0
40	QPSK	108	108	22.27	22.29	22.20	23.5	1.0
40	QPSK	216	0	22.16	22.28	22.26		
40	16QAM	1	1	21.90	22.01	21.90	23.5	1.0
40	64QAM	1	1	20.47	20.51	20.47	22.0	2.5
40	256QAM	1	1	18.93	19.01	18.95	20.0	4.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.34	23.31	23.28	24.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.33	23.31	23.25	24.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.28	23.40	23.31	24.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.32	23.40	23.32	24.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.26	23.31	23.32	24.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.32	23.38	23.26	24.5	0.0

FR1 n38 Ant5 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				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	22.67	22.75	22.62	24.0	0.0
40	PI/2 BPSK	1	53	22.78	22.86	22.75		
40	PI/2 BPSK	1	104	22.71	22.76	22.72		
40	PI/2 BPSK	50	0	22.24	22.28	22.18	23.5	0.5
40	PI/2 BPSK	50	28	22.75	22.80	22.71	24.0	0.0
40	PI/2 BPSK	50	56	22.19	22.28	22.15	23.5	0.5
40	PI/2 BPSK	100	0	22.16	22.30	22.27		
40	QPSK	1	1	22.85	22.95	22.87	24.0	0.0
40	QPSK	1	53	22.84	22.89	22.84		
40	QPSK	1	104	22.76	22.81	22.71		
40	QPSK	50	0	21.70	21.77	21.74	24.0	0.0
40	QPSK	50	28	22.77	22.84	22.82		
40	QPSK	50	56	21.71	21.80	21.70		
40	QPSK	100	0	21.69	21.78	21.65	23.0	1.0
40	16QAM	1	1	21.43	21.54	21.45	23.0	1.0
40	64QAM	1	1	20.05	20.09	19.96	21.5	2.5
40	256QAM	1	1	18.44	18.48	18.39	19.5	4.5
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	22.75	22.86	22.73	24.0	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	22.77	22.84	22.77	24.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.72	22.89	22.81	24.0	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	22.80	22.90	22.84	24.0	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	22.80	22.84	22.75	24.0	0.0

PC3 FR1 n41 Ant5 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	20.71	20.82	20.79	22.5	0.0
100	PI/2 BPSK	1	137	20.80	20.92	20.82		
100	PI/2 BPSK	1	271	20.80	20.82	20.73		
100	PI/2 BPSK	135	0	20.72	20.78	20.75	22.0	0.5
100	PI/2 BPSK	135	69	20.76	20.78	20.76	22.5	0.0
100	PI/2 BPSK	135	138	20.63	20.66	20.53	22.0	0.5
100	PI/2 BPSK	270	0	20.63	20.75	20.68		
100	QPSK	1	1	20.92	21.01	20.88	22.5	0.0
100	QPSK	1	137	20.75	20.84	20.82		
100	QPSK	1	271	20.59	20.68	20.57		
100	QPSK	135	0	20.71	20.81	20.72	22.5	0.0
100	QPSK	135	69	20.79	20.84	20.71		
100	QPSK	135	138	20.67	20.70	20.64		
100	QPSK	270	0	20.72	20.79	20.76	21.5	1.0
100	16QAM	1	1	20.35	20.41	20.31	21.5	1.0
100	64QAM	1	1	20.33	20.44	20.31	20.0	2.5
100	256QAM	1	1	19.50	19.55	19.44	18.0	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.80	20.90	20.75	22.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.85	20.90	20.79	22.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.90	20.87	20.84	22.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.80	20.90	20.79	22.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.86	20.89	20.78	22.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.84	20.89	20.79	22.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.82	20.94	20.79	22.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.79	20.93	20.81	22.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.85	20.98	20.81	22.5	0.0

PC2 FR1 n41 Ant5 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	23.67	23.72	23.63	25.0	0.0
100	PI/2 BPSK	1	137	23.54	23.61	23.51		
100	PI/2 BPSK	1	271	23.61	23.74	23.64		
100	PI/2 BPSK	135	0	23.27	23.32	23.20	24.5	0.5
100	PI/2 BPSK	135	69	23.54	23.67	23.58	25.0	0.0
100	PI/2 BPSK	135	138	23.20	23.22	23.19	24.5	0.5
100	PI/2 BPSK	270	0	23.14	23.25	23.16		
100	QPSK	1	1	23.70	23.78	23.67	25.0	0.0
100	QPSK	1	137	23.61	23.69	23.56		
100	QPSK	1	271	23.57	23.63	23.59		
100	QPSK	135	0	22.74	22.81	22.73	25.0	0.0
100	QPSK	135	69	23.55	23.67	23.54		
100	QPSK	135	138	22.69	22.81	22.72		
100	QPSK	270	0	22.77	22.80	22.70	24.0	1.0
100	16QAM	1	1	22.88	22.96	22.91	24.0	1.0
100	64QAM	1	1	21.12	21.25	21.15	22.5	2.5
100	256QAM	1	1	18.35	18.46	18.42	20.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.58	23.64	23.65	25.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.58	23.71	23.61	25.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.66	23.71	23.59	25.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.63	23.68	23.56	25.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.61	23.65	23.64	25.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.67	23.70	23.54	25.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.60	23.71	23.54	25.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.67	23.69	23.54	25.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.59	23.71	23.63	25.0	0.0

FR1 n48 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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	25.19	25.32	25.22		
40	PI/2 BPSK	1	53	25.16	25.26	25.13	25.7	0.0
40	PI/2 BPSK	1	104	25.30	25.40	25.32		
40	PI/2 BPSK	50	0	24.63	24.68	24.54	25.2	0.5
40	PI/2 BPSK	50	28	25.09	25.21	25.14	25.7	0.0
40	PI/2 BPSK	50	56	24.65	24.70	24.63	25.2	0.5
40	PI/2 BPSK	100	0	24.63	24.70	24.66		
40	QPSK	1	1	25.38	25.45	25.43		
40	QPSK	1	53	25.35	25.37	25.23	25.7	0.0
40	QPSK	1	104	25.18	25.26	25.24		
40	QPSK	50	0	24.11	24.17	24.13		
40	QPSK	50	28	25.10	25.16	25.11	25.7	0.0
40	QPSK	50	56	24.09	24.19	24.10		
40	QPSK	100	0	24.17	24.19	24.08	24.7	1.0
40	16QAM	1	1	23.83	23.86	23.75	24.7	1.0
40	64QAM	1	1	22.34	22.40	22.28	23.2	2.5
40	256QAM	1	1	20.98	21.01	20.94	21.2	4.5
Channel				637334	641666	646000	up limit	MPR
Frequency (MHz)				3560.01	3624.99	3690		(dB)
20	QPSK	1	1	25.30	25.39	25.32	25.7	0.0
Channel				637168	641666	646166	up limit	MPR
Frequency (MHz)				3557.52	3624.99	3692.49		(dB)
15	QPSK	1	1	25.35	25.40	25.40	25.7	0.0
Channel				637000	641666	646332	up limit	MPR
Frequency (MHz)				3555	3624.99	3694.98		(dB)
10	QPSK	1	1	25.28	25.34	25.39	25.7	0.0

4.19
25.49

PC3 FR1 n77 PartO 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	22.18	22.22	22.15		
100	PI/2 BPSK	1	137	22.02	22.06	21.97	23.5	0.0
100	PI/2 BPSK	1	271	21.94	22.00	21.86		
100	PI/2 BPSK	135	0	21.98	22.02	21.98	23.5	0.0
100	PI/2 BPSK	135	69	21.81	21.93	21.83	23.5	0.0
100	PI/2 BPSK	135	138	21.90	21.94	21.85	23.5	0.0
100	PI/2 BPSK	270	0	21.79	21.92	21.86		
100	QPSK	1	1	22.22	22.30	22.26		
100	QPSK	1	137	21.87	21.99	21.90	23.5	0.0
100	QPSK	1	271	21.86	21.89	21.84		
100	QPSK	135	0	21.95	22.06	21.95		
100	QPSK	135	69	22.17	22.24	22.12	23.5	0.0
100	QPSK	135	138	21.90	21.96	21.83		
100	QPSK	270	0	21.86	21.94	21.84	23.5	0.0
100	16QAM	1	1	21.67	21.78	21.67	23.5	0.0
100	64QAM	1	1	21.70	21.83	21.73	23.5	0.0
100	256QAM	1	1	20.80	20.84	20.77	22.0	1.5
Channel				649668	656000	662332	up limit	MPR
Frequency (MHz)				3745.03	3840	3934.98		(dB)
90	QPSK	1	1	22.16	22.27	22.23	23.5	0.0
Channel				649334	656000	662666	up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99		(dB)
80	QPSK	1	1	22.12	22.20	22.16	23.5	0.0
Channel				649000	656000	663000	up limit	MPR
Frequency (MHz)				3735	3840	3945		(dB)
70	QPSK	1	1	22.08	22.25	22.16	23.5	0.0
Channel				648668	656000	663332	up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98		(dB)
60	QPSK	1	1	22.16	22.20	22.20	23.5	0.0
Channel				648334	656000	663666	up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99		(dB)
50	QPSK	1	1	22.12	22.17	22.25	23.5	0.0
Channel				648000	656000	664000	up limit	MPR
Frequency (MHz)				3720	3840	3960		(dB)
40	QPSK	1	1	22.13	22.21	22.25	23.5	0.0
Channel				647668	656000	664332	up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98		(dB)
30	QPSK	1	1	22.15	22.22	22.25	23.5	0.0
Channel				647500	656000	664500	up limit	MPR
Frequency (MHz)				3712.5	3840.00	3967.50		(dB)
25	QPSK	1	1	22.11	22.20	22.14	23.5	0.0
Channel				647334	656000	664666	up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99		(dB)
20	QPSK	1	1	22.18	22.27	22.14	23.5	0.0
Channel				647168	656000	664832	up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48		(dB)
15	QPSK	1	1	22.19	22.25	22.23	23.5	0.0
Channel				647000	656000	665000	up limit	MPR
Frequency (MHz)				3705	3840	3975		(dB)
10	QPSK	1	1	22.19	22.23	22.18	23.5	0.0

PC2 FR1 n77 PartO 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	24.99	25.07	24.97		
100	PI/2 BPSK	1	137	24.87	24.98	24.86	26.0	0.0
100	PI/2 BPSK	1	271	24.72	24.79	24.74		
100	PI/2 BPSK	135	0	24.47	24.50	24.46	25.5	0.5
100	PI/2 BPSK	135	69	24.94	25.00	24.95	26.0	0.0
100	PI/2 BPSK	135	138	24.25	24.37	24.26	25.5	0.5
100	PI/2 BPSK	270	0	24.29	24.40	24.27		
100	QPSK	1	1	25.04	25.11	25.02		
100	QPSK	1	137	24.70	24.84	24.79	26.0	0.0
100	QPSK	1	271	24.61	24.67	24.64		
100	QPSK	135	0	23.95	24.04	23.95		
100	QPSK	135	69	24.91	25.05	24.94	26.0	0.0
100	QPSK	135	138	23.87	23.96	23.91		
100	QPSK	270	0	23.86	23.97	23.92	25.0	1.0
100	16QAM	1	1	24.12	24.15	24.08	25.0	1.0
100	64QAM	1	1	22.64	22.71	22.60	23.5	2.5
100	256QAM	1	1	20.11	20.14	20.04	21.5	4.5
Channel				649668	656000	662332	up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98		(dB)
90	QPSK	1	1	24.95	24.99	24.93	26.0	0.0
Channel				649334	656000	662666	up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99		(dB)
80	QPSK	1	1	25.01	25.07	24.96	26.0	0.0
Channel				649000	656000	663000	up limit	MPR
Frequency (MHz)				3735	3840	3945		(dB)
70	QPSK	1	1	24.95	24.97	24.99	26.0	0.0
Channel				648668	656000	663332	up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98		(dB)
60	QPSK	1	1	24.98	25.05	25.00	26.0	0.0
Channel				648334	656000	663666	up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99		(dB)
50	QPSK	1	1	24.98	25.09	24.98	26.0	0.0
Channel				648000	656000	664000	up limit	MPR
Frequency (MHz)				3720	3840	3960		(dB)
40	QPSK	1	1	24.94	25.02	24.93	26.0	0.0
Channel				647668	656000	664332	up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98		(dB)
30	QPSK	1	1	24.96	25.05	24.99	26.0	0.0
Channel				647500	656000	664500	up limit	MPR
Frequency (MHz)				3712.5	3840.00	3967.50		(dB)
25	QPSK	1	1	24.92	25.01	24.88	26.0	0.0
Channel				647334	656000	664666	up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99		(dB)
20	QPSK	1	1	25.01	24.97	24.98	26.0	0.0
Channel				647168	656000	664832	up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48		(dB)
15	QPSK	1	1	24.91	25.08	25.00	26.0	0.0
Channel				647000	656000	665000	up limit	MPR
Frequency (MHz)				3705	3840	3975		(dB)
10	QPSK	1	1	24.90	25.02	24.92	26.0	0.0

PC3 FR1 n77 PartQ 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.39			
100	PI/2 BPSK	1	137		22.31		23.5	0.0
100	PI/2 BPSK	1	271		22.35			
100	PI/2 BPSK	135	0		22.39		23.5	0.0
100	PI/2 BPSK	135	69		22.41		23.5	0.0
100	PI/2 BPSK	135	138		22.38		23.5	0.0
100	PI/2 BPSK	270	0		22.38			
100	QPSK	1	1		22.55			
100	QPSK	1	137		22.51		23.5	0.0
100	QPSK	1	271		22.38			
100	QPSK	135	0		22.44			
100	QPSK	135	69		22.46		23.5	0.0
100	QPSK	135	138		22.44			
100	QPSK	270	0		22.39		23.5	0.0
100	16QAM	1	1		21.97		23.5	0.0
100	64QAM	1	1		22.02		23.5	0.0
100	256QAM	1	1		21.02		22.0	1.5
Channel				633000	633332	633666		MPR
Frequency (MHz)				3495	3499.98	3504.99	up limit (dBm)	(dB)
90	QPSK	1	1	22.42	22.49	22.46	23.5	0.0
Channel				632668	633332	634000		MPR
Frequency (MHz)				3490.02	3499.98	3510	up limit (dBm)	(dB)
80	QPSK	1	1	22.38	22.38	22.42	23.5	0.0
Channel				632334	633332	634332		MPR
Frequency (MHz)				3485.01	3499.98	3514.98	up limit (dBm)	(dB)
70	QPSK	1	1	22.28	22.43	22.33	23.5	0.0
Channel				632000	633332	634664		MPR
Frequency (MHz)				3480	3499.98	3519.99	up limit (dBm)	(dB)
60	QPSK	1	1	22.36	22.46	22.34	23.5	0.0
Channel				631668	633332	635000		MPR
Frequency (MHz)				3475.02	3499.98	3525	up limit (dBm)	(dB)
50	QPSK	1	1	22.28	22.37	22.43	23.5	0.0
Channel				631334	633332	635332		MPR
Frequency (MHz)				3470.01	3499.98	3529.98	up limit (dBm)	(dB)
40	QPSK	1	1	22.28	22.47	22.38	23.5	0.0
Channel				631000	633332	635666		MPR
Frequency (MHz)				3465	3499.98	3534.99	up limit (dBm)	(dB)
30	QPSK	1	1	22.40	22.44	22.40	23.5	0.0
Channel				630834	633332	635832		MPR
Frequency (MHz)				3462.51	3499.98	3537.48	up limit (dBm)	(dB)
25	QPSK	1	1	22.29	22.42	22.40	23.5	0.0
Channel				630668	633332	636000		MPR
Frequency (MHz)				3460.02	3499.98	3540	up limit (dBm)	(dB)
20	QPSK	1	1	22.34	22.36	22.40	23.5	0.0
Channel				630500	633332	636166		MPR
Frequency (MHz)				3457.5	3499.98	3542.49	up limit (dBm)	(dB)
15	QPSK	1	1	22.39	22.37	22.39	23.5	0.0
Channel				630334	633332	636332		MPR
Frequency (MHz)				3455.01	3499.98	3544.98	up limit (dBm)	(dB)
10	QPSK	1	1	22.33	22.39	22.36	23.5	0.0

PC2 FR1 n77 PartQ 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.26			
100	PI/2 BPSK	1	137		25.31		26.0	0.0
100	PI/2 BPSK	1	271		25.29			
100	PI/2 BPSK	135	0		24.91		25.5	0.5
100	PI/2 BPSK	135	69		25.30		26.0	0.0
100	PI/2 BPSK	135	138		24.91		25.5	0.5
100	PI/2 BPSK	270	0		24.89			
100	QPSK	1	1		25.42			
100	QPSK	1	137		25.35		26.0	0.0
100	QPSK	1	271		25.14			
100	QPSK	135	0		24.48			
100	QPSK	135	69		25.48		26.0	0.0
100	QPSK	135	138		24.46			
100	QPSK	270	0		24.47		25.0	1.0
100	16QAM	1	1		24.39		25.0	1.0
100	64QAM	1	1		22.93		23.5	2.5
100	256QAM	1	1		20.32		21.5	4.5
Channel				633000	633332	633666		MPR
Frequency (MHz)				3495	3499.98	3504.99	up limit (dBm)	(dB)
90	QPSK	1	1	25.32	25.37	25.34	26.0	0.0
Channel				632668	633332	634000		MPR
Frequency (MHz)				3490.02	3499.98	3510	up limit (dBm)	(dB)
80	QPSK	1	1	25.24	25.24	25.30	26.0	0.0
Channel				632334	633332	634332		MPR
Frequency (MHz)				3485.01	3499.98	3514.98	up limit (dBm)	(dB)
70	QPSK	1	1	25.23	25.26	25.27	26.0	0.0
Channel				632000	633332	634664		MPR
Frequency (MHz)				3480	3499.98	3519.99	up limit (dBm)	(dB)
60	QPSK	1	1	25.28	25.34	25.22	26.0	0.0
Channel				631668	633332	635000		MPR
Frequency (MHz)				3475.02	3499.98	3525	up limit (dBm)	(dB)
50	QPSK	1	1	25.19	25.27	25.29	26.0	0.0
Channel				631334	633332	635332		MPR
Frequency (MHz)				3470.01	3499.98	3529.98	up limit (dBm)	(dB)
40	QPSK	1	1	25.19	25.32	25.24	26.0	0.0
Channel				631000	633332	635666		MPR
Frequency (MHz)				3465	3499.98	3534.99	up limit (dBm)	(dB)
30	QPSK	1	1	25.19	25.33	25.23	26.0	0.0
Channel				630834	633332	635832		MPR
Frequency (MHz)				3462.51	3499.98	3537.48	up limit (dBm)	(dB)
25	QPSK	1	1	25.21	25.28	25.23	26.0	0.0
Channel				630668	633332	636000		MPR
Frequency (MHz)				3460.02	3499.98	3540	up limit (dBm)	(dB)
20	QPSK	1	1	25.19	25.35	25.24	26.0	0.0
Channel				630500	633332	636166		MPR
Frequency (MHz)				3457.5	3499.98	3542.49	up limit (dBm)	(dB)
15	QPSK	1	1	25.25	25.31	25.21	26.0	0.0
Channel				630334	633332	636332		MPR
Frequency (MHz)				3455.01	3499.98	3544.98	up limit (dBm)	(dB)
10	QPSK	1	1	25.22	25.35	25.30	26.0	0.0

PC3 FR1 n78 PartO 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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.36			
100	PI/2 BPSK	1	137		23.38		24.0	0.0
100	PI/2 BPSK	1	271		23.29			
100	PI/2 BPSK	135	0		23.11		24.0	0.0
100	PI/2 BPSK	135	69		23.17		24.0	0.0
100	PI/2 BPSK	135	138		23.14		24.0	0.0
100	PI/2 BPSK	270	0		23.17			
100	QPSK	1	1		23.42			
100	QPSK	1	137		23.23		24.0	0.0
100	QPSK	1	271		23.21			
100	QPSK	135	0		23.16			
100	QPSK	135	69		23.27		24.0	0.0
100	QPSK	135	138		23.17			
100	QPSK	270	0		23.18		24.0	0.0
100	16QAM	1	1		22.90		24.0	0.0
100	64QAM	1	1		22.92		24.0	0.0
100	256QAM	1	1		22.09		22.5	1.5
Channel				649668	650000	650332		MPR
Frequency (MHz)				3745.02	3750	3754.98	up limit (dBm)	(dB)
90	QPSK	1	1	23.33	23.36	23.28	24.0	0.0
Channel				649334	650000	650666		MPR
Frequency (MHz)				3740.01	3750	3759.99	up limit (dBm)	(dB)
80	QPSK	1	1	23.28	23.24	23.17	24.0	0.0
Channel				649000	650000	651000		MPR
Frequency (MHz)				3735	3750	3765	up limit (dBm)	(dB)
70	QPSK	1	1	23.22	23.23	23.14	24.0	0.0
Channel				648668	650000	651332		MPR
Frequency (MHz)				3730.02	3750	3769.98	up limit (dBm)	(dB)
60	QPSK	1	1	23.31	23.32	23.21	24.0	0.0
Channel				648334	650000	651666		MPR
Frequency (MHz)				3725.01	3750	3774.99	up limit (dBm)	(dB)
50	QPSK	1	1	23.22	23.24	23.21	24.0	0.0
Channel				648000	650000	652000		MPR
Frequency (MHz)				3720	3750	3780	up limit (dBm)	(dB)
40	QPSK	1	1	23.28	23.22	23.19	24.0	0.0
Channel				647668	650000	652332		MPR
Frequency (MHz)				3715.02	3750.00	3784.98	up limit (dBm)	(dB)
30	QPSK	1	1	23.29	23.24	23.25	24.0	0.0
Channel				647500	650000	652500		MPR
Frequency (MHz)				3712.5	3750.00	3787.50	up limit (dBm)	(dB)
25	QPSK	1	1	23.24	23.25	23.14	24.0	0.0
Channel				647334	650000	652668		MPR
Frequency (MHz)				3710.01	3750	3789.99	up limit (dBm)	(dB)
20	QPSK	1	1	23.26	23.23	23.17	24.0	0.0
Channel				647168	650000	652832		MPR
Frequency (MHz)				3707.52	3750	3792.48	up limit (dBm)	(dB)
15	QPSK	1	1	23.23	23.32	23.20	24.0	0.0
Channel				647000	650000	653000		MPR
Frequency (MHz)				3705	3750	3795	up limit (dBm)	(dB)
10	QPSK	1	1	23.26	23.24	23.16	24.0	0.0

PC2 FR1 n78 PartO 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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.29			
100	PI/2 BPSK	1	137		26.32		27.0	0.0
100	PI/2 BPSK	1	271		26.25			
100	PI/2 BPSK	135	0		25.61		26.5	0.5
100	PI/2 BPSK	135	69		26.35		27.0	0.0
100	PI/2 BPSK	135	138		25.64		26.5	0.5
100	PI/2 BPSK	270	0		25.68			
100	QPSK	1	1		26.40			
100	QPSK	1	137		26.07		27.0	0.0
100	QPSK	1	271		25.99			
100	QPSK	135	0		25.19			
100	QPSK	135	69		26.21		27.0	0.0
100	QPSK	135	138		25.16			
100	QPSK	270	0		25.25		26.0	1.0
100	16QAM	1	1		25.25		26.0	1.0
100	64QAM	1	1		23.81		24.5	2.5
100	256QAM	1	1		21.57		22.5	4.5
Channel				649668	650000	650332		MPR
Frequency (MHz)				3745.02	3750	3754.98	up limit (dBm)	(dB)
90	QPSK	1	1	26.32	26.35	26.29	27.0	0.0
Channel				649334	650000	650666		MPR
Frequency (MHz)				3740.01	3750	3759.99	up limit (dBm)	(dB)
80	QPSK	1	1	26.23	26.31	26.20	27.0	0.0
Channel				649000	650000	651000		MPR
Frequency (MHz)				3735	3750	3765	up limit (dBm)	(dB)
70	QPSK	1	1	26.25	26.30	26.17	27.0	0.0
Channel				648668	650000	651332		MPR
Frequency (MHz)				3730.02	3750	3769.98	up limit (dBm)	(dB)
60	QPSK	1	1	26.25	26.26	26.25	27.0	0.0
Channel				648334	650000	651666		MPR
Frequency (MHz)				3725.01	3750	3774.99	up limit (dBm)	(dB)
50	QPSK	1	1	26.26	26.30	26.17	27.0	0.0
Channel				648000	650000	652000		MPR
Frequency (MHz)				3720	3750	3780	up limit (dBm)	(dB)
40	QPSK	1	1	26.23	26.29	26.22	27.0	0.0
Channel				647668	650000	652332		MPR
Frequency (MHz)				3715.02	3750.00	3784.98	up limit (dBm)	(dB)
30	QPSK	1	1	26.23	26.25	26.18	27.0	0.0
Channel				647500	650000	652500		MPR
Frequency (MHz)				3712.5	3750.00	3787.50	up limit (dBm)	(dB)
25	QPSK	1	1	26.19	26.29	26.20	27.0	0.0
Channel				647334	650000	652668		MPR
Frequency (MHz)				3710.01	3750	3789.99	up limit (dBm)	(dB)
20	QPSK	1	1	26.22	26.23	26.25	27.0	0.0
Channel				647168	650000	652832		MPR
Frequency (MHz)				3707.52	3750	3792.48	up limit (dBm)	(dB)
15	QPSK	1	1	26.21	26.30	26.16	27.0	0.0
Channel				647000	650000	653000		MPR
Frequency (MHz)				3705	3750	3795	up limit (dBm)	(dB)
10	QPSK	1	1	26.25	26.23	26.19	27.0	0.0

PC3 FR1 n78 PartQ 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.36			
100	PI/2 BPSK	1	137		23.42		24.0	0.0
100	PI/2 BPSK	1	271		23.42			
100	PI/2 BPSK	135	0		23.31		24.0	0.0
100	PI/2 BPSK	135	69		23.35		24.0	0.0
100	PI/2 BPSK	135	138		23.32		24.0	0.0
100	PI/2 BPSK	270	0		23.31			
100	QPSK	1	1		23.51		24.0	0.0
100	QPSK	1	137		23.44			
100	QPSK	1	271		23.33			
100	QPSK	135	0		23.33		24.0	0.0
100	QPSK	135	69		23.45			
100	QPSK	135	138		23.37			
100	QPSK	270	0		23.00		24.0	0.0
100	16QAM	1	1		23.05		24.0	0.0
100	64QAM	1	1		23.03		24.0	0.0
100	256QAM	1	1		22.24		22.5	1.5
Channel				633000	633332	633666	up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99		(dB)
90	QPSK	1	1	23.44	23.49	23.42	24.0	0.0
Channel				632668	633332	634000	up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510		(dB)
80	QPSK	1	1	23.35	23.43	23.35	24.0	0.0
Channel				632334	633332	634332	up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98		(dB)
70	QPSK	1	1	23.34	23.36	23.40	24.0	0.0
Channel				632000	633332	634666	up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99		(dB)
60	QPSK	1	1	23.40	23.46	23.34	24.0	0.0
Channel				631668	633332	635000	up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525		(dB)
50	QPSK	1	1	23.37	23.46	23.38	24.0	0.0
Channel				631334	633332	635332	up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98		(dB)
40	QPSK	1	1	23.37	23.41	23.39	24.0	0.0
Channel				631000	633332	635666	up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99		(dB)
30	QPSK	1	1	23.32	23.35	23.29	24.0	0.0
Channel				630834	633332	635832	up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48		(dB)
25	QPSK	1	1	23.40	23.40	23.36	24.0	0.0
Channel				630668	633332	636000	up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540		(dB)
20	QPSK	1	1	23.36	23.43	23.34	24.0	0.0
Channel				630500	633332	636166	up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49		(dB)
15	QPSK	1	1	23.35	23.47	23.38	24.0	0.0
Channel				630334	633332	636332	up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98		(dB)
10	QPSK	1	1	23.37	23.38	23.39	24.0	0.0

PC2 FR1 n78 PartQ 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.26			
100	PI/2 BPSK	1	137		26.45		27.0	0.0
100	PI/2 BPSK	1	271		26.34			
100	PI/2 BPSK	135	0		25.80		26.5	0.5
100	PI/2 BPSK	135	69		26.37		27.0	0.0
100	PI/2 BPSK	135	138		25.86		26.5	0.5
100	PI/2 BPSK	270	0		25.83			
100	QPSK	1	1		26.46		27.0	0.0
100	QPSK	1	137		26.22			
100	QPSK	1	271		26.14			
100	QPSK	135	0		25.36		27.0	0.0
100	QPSK	135	69		26.45			
100	QPSK	135	138		25.37			
100	QPSK	270	0		25.36		26.0	1.0
100	16QAM	1	1		25.33		26.0	1.0
100	64QAM	1	1		23.82		24.5	2.5
100	256QAM	1	1		21.63		22.5	4.5
Channel				633000	633332	633666	up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99		(dB)
90	QPSK	1	1	26.35	26.40	26.33	27.0	0.0
Channel				632668	633332	634000	up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510		(dB)
80	QPSK	1	1	26.30	26.31	26.25	27.0	0.0
Channel				632334	633332	634332	up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98		(dB)
70	QPSK	1	1	26.32	26.34	26.29	27.0	0.0
Channel				632000	633332	634666	up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99		(dB)
60	QPSK	1	1	26.32	26.31	26.27	27.0	0.0
Channel				631668	633332	635000	up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525		(dB)
50	QPSK	1	1	26.22	26.30	26.28	27.0	0.0
Channel				631334	633332	635332	up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98		(dB)
40	QPSK	1	1	26.27	26.33	26.30	27.0	0.0
Channel				631000	633332	635666	up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99		(dB)
30	QPSK	1	1	26.30	26.34	26.23	27.0	0.0
Channel				630834	633332	635832	up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48		(dB)
25	QPSK	1	1	26.23	26.35	26.20	27.0	0.0
Channel				630668	633332	636000	up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540		(dB)
20	QPSK	1	1	26.31	26.31	26.22	27.0	0.0
Channel				630500	633332	636166	up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49		(dB)
15	QPSK	1	1	26.27	26.28	26.21	27.0	0.0
Channel				630334	633332	636332	up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98		(dB)
10	QPSK	1	1	26.28	26.34	26.26	27.0	0.0

FR1 n48 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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	24.44	24.50	24.38		
40	PI/2 BPSK	1	53	24.35	24.43	24.32	25.5	0.0
40	PI/2 BPSK	1	104	24.38	24.47	24.34		
40	PI/2 BPSK	50	0	23.80	23.89	23.78	25.0	0.5
40	PI/2 BPSK	50	28	24.43	24.49	24.36	25.5	0.0
40	PI/2 BPSK	50	56	23.87	23.97	23.85	25.0	0.5
40	PI/2 BPSK	100	0	23.83	23.92	23.81		
40	QPSK	1	1	24.45	24.54	24.50		
40	QPSK	1	53	24.41	24.51	24.45	25.5	0.0
40	QPSK	1	104	24.38	24.45	24.40		
40	QPSK	50	0	23.26	23.38	23.33		
40	QPSK	50	28	24.29	24.41	24.29	25.5	0.0
40	QPSK	50	56	23.40	23.45	23.39		
40	QPSK	100	0	23.26	23.39	23.30	24.5	1.0
40	16QAM	1	1	22.94	23.01	22.94	24.5	1.0
40	64QAM	1	1	21.45	21.54	21.49	23.0	2.5
40	256QAM	1	1	20.06	20.14	20.09	21.0	4.5
Channel				637334	641666	646000	Tune-up limit	MPR
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	24.40	24.51	24.45	25.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)	(dB)
15	QPSK	1	1	24.35	24.51	24.38	25.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR
Frequency (MHz)				3555	3624.99	3694.98	(dBm)	(dB)
10	QPSK	1	1	24.33	24.44	24.42	25.5	0.0

3.35
24.65

PC3 FR1 n77 PartO 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	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.11	21.14	21.09		
100	PI/2 BPSK	1	137	21.13	21.16	21.10	23.0	0.0
100	PI/2 BPSK	1	271	21.25	21.31	21.26		
100	PI/2 BPSK	135	0	21.03	21.07	21.00	23.0	0.0
100	PI/2 BPSK	135	69	21.00	21.04	21.01	23.0	0.0
100	PI/2 BPSK	135	138	21.18	21.20	21.14	23.0	0.0
100	PI/2 BPSK	270	0	21.03	21.06	21.03		
100	QPSK	1	1	21.28	21.33	21.31		
100	QPSK	1	137	21.03	21.10	21.07	23.0	0.0
100	QPSK	1	271	21.20	21.24	21.21		
100	QPSK	135	0	21.02	21.04	20.97		
100	QPSK	135	69	21.35	21.40	21.34	23.0	0.0
100	QPSK	135	138	21.18	21.26	21.21		
100	QPSK	270	0	20.97	21.05	21.01	23.0	0.0
100	16QAM	1	1	21.02	21.01	21.01	23.0	0.0
100	64QAM	1	1	21.01	21.07	21.00	23.0	0.0
100	256QAM	1	1	19.87	19.90	19.82	21.5	1.5
Channel				649668	656000	662332	up limit	MPR
Frequency (MHz)				3745.03	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	21.17	21.20	21.21	23.0	0.0
Channel				649334	656000	662666	up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	21.21	21.25	21.23	23.0	0.0
Channel				649000	656000	663000	up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.21	21.20	21.22	23.0	0.0
Channel				648668	656000	663332	up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	21.17	21.22	21.22	23.0	0.0
Channel				648334	656000	663666	up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	21.19	21.24	21.19	23.0	0.0
Channel				648000	656000	664000	up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.17	21.23	21.20	23.0	0.0
Channel				647668	656000	664332	up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.17	21.24	21.21	23.0	0.0
Channel				647500	656000	664500	up limit	MPR
Frequency (MHz)				3712.5	3840.00	3967.50	(dBm)	(dB)
25	QPSK	1	1	21.19	21.24	21.22	23.0	0.0
Channel				647334	656000	664666	up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.21	21.25	21.19	23.0	0.0
Channel				647168	656000	664832	up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.17	21.22	21.24	23.0	0.0
Channel				647000	656000	665000	up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.17	21.26	21.19	23.0	0.0

PC2 FR1 n77 PartO 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	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.04	24.10	24.02		
100	PI/2 BPSK	1	137	24.03	24.07	24.03	26.0	0.0
100	PI/2 BPSK	1	271	24.01	24.02	24.03		
100	PI/2 BPSK	135	0	23.96	23.58	23.55	25.5	0.5
100	PI/2 BPSK	135	69	24.04	24.07	24.02	26.0	0.0
100	PI/2 BPSK	135	138	23.51	23.51	23.55	25.5	0.5
100	PI/2 BPSK	270	0	23.55	23.57	23.51		
100	QPSK	1	1	24.15	24.22	24.15		
100	QPSK	1	137	24.04	24.08	24.00	26.0	0.0
100	QPSK	1	271	24.04	24.10	24.06		
100	QPSK	135	0	22.84	22.87	22.82		
100	QPSK	135	69	24.17	24.20	24.18	26.0	0.0
100	QPSK	135	138	23.04	23.10	23.08		
100	QPSK	270	0	22.87	22.95	22.89	25.0	1.0
100	16QAM	1	1	23.01	23.05	23.03	25.0	1.0
100	64QAM	1	1	21.51	21.51	21.52	23.5	2.5
100	256QAM	1	1	19.84	19.90	19.86	21.5	4.5
Channel				649668	656000	662332	up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	24.03	24.12	24.07	26.0	0.0
Channel				649334	656000	662666	up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	24.07	24.13	24.03	26.0	0.0
Channel				649000	656000	663000	up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	24.05	24.14	24.04	26.0	0.0
Channel				648668	656000	663332	up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	24.06	24.13	24.07	26.0	0.0
Channel				648334	656000	663666	up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	24.06	24.14	24.07	26.0	0.0
Channel				648000	656000	664000	up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	24.05	24.14	24.03	26.0	0.0
Channel				647668	656000	664332	up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	24.05	24.12	24.03	26.0	0.0
Channel				647500	656000	664500	up limit	MPR
Frequency (MHz)				3712.5	3840.00	3967.50	(dBm)	(dB)
25	QPSK	1	1	24.07	24.15	24.05	26.0	0.0
Channel				647334	656000	664666	up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	24.04	24.14	24.03	26.0	0.0
Channel				647168	656000	664832	up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	24.08	24.12	24.04	26.0	0.0
Channel				647000	656000	665000	up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	24.08	24.14	24.03	26.0	0.0

PC3 FR1 n77 PartQ 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		21.52			
100	PI/2 BPSK	1	137		21.67		23.0	0.0
100	PI/2 BPSK	1	271		21.67			
100	PI/2 BPSK	135	0		21.44		23.0	0.0
100	PI/2 BPSK	135	69		21.54		23.0	0.0
100	PI/2 BPSK	135	138		21.43		23.0	0.0
100	PI/2 BPSK	270	0		21.47			
100	QPSK	1	1		21.77			
100	QPSK	1	137		21.75		23.0	0.0
100	QPSK	1	271		21.50			
100	QPSK	135	0		21.48			
100	QPSK	135	69		21.61		23.0	0.0
100	QPSK	135	138		21.51			
100	QPSK	270	0		21.49		23.0	0.0
100	16QAM	1	1		21.70		23.0	0.0
100	64QAM	1	1		21.67		23.0	0.0
100	256QAM	1	1		20.10		21.5	1.5
	Channel			633000	633332	633666	up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.67	21.72	21.70	23.0	0.0
	Channel			632668	633332	634000	up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.64	21.62	21.67	23.0	0.0
	Channel			632334	633332	634332	up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.55	21.59	21.66	23.0	0.0
	Channel			632000	633332	634666	up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.60	21.60	21.56	23.0	0.0
	Channel			631668	633332	635000	up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.64	21.64	21.61	23.0	0.0
	Channel			631334	633332	635332	up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.54	21.69	21.60	23.0	0.0
	Channel			631000	633332	635666	up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.58	21.60	21.63	23.0	0.0
	Channel			630834	633332	635832	up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.59	21.68	21.62	23.0	0.0
	Channel			630668	633332	636000	up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.53	21.69	21.62	23.0	0.0
	Channel			630500	633332	636166	up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.63	21.70	21.56	23.0	0.0
	Channel			630334	633332	636332	up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.59	21.69	21.62	23.0	0.0

PC2 FR1 n77 PartQ 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		24.35			
100	PI/2 BPSK	1	137		24.69		26.0	0.0
100	PI/2 BPSK	1	271		24.45			
100	PI/2 BPSK	135	0		23.94		25.5	0.5
100	PI/2 BPSK	135	69		24.63		26.0	0.0
100	PI/2 BPSK	135	138		23.92		25.5	0.5
100	PI/2 BPSK	270	0		23.95			
100	QPSK	1	1		24.72			
100	QPSK	1	137		24.53		26.0	0.0
100	QPSK	1	271		24.34			
100	QPSK	135	0		23.49			
100	QPSK	135	69		24.59		26.0	0.0
100	QPSK	135	138		23.48			
100	QPSK	270	0		23.50		25.0	1.0
100	16QAM	1	1		23.38		25.0	1.0
100	64QAM	1	1		21.93		23.5	2.5
100	256QAM	1	1		20.10		21.5	4.5
	Channel			633000	633332	633666	up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	24.61	24.67	24.62	26.0	0.0
	Channel			632668	633332	634000	up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	24.49	24.64	24.50	26.0	0.0
	Channel			632334	633332	634332	up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	24.51	24.53	24.56	26.0	0.0
	Channel			632000	633332	634666	up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	24.54	24.58	24.58	26.0	0.0
	Channel			631668	633332	635000	up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.55	24.60	24.54	26.0	0.0
	Channel			631334	633332	635332	up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.59	24.58	24.52	26.0	0.0
	Channel			631000	633332	635666	up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.54	24.58	24.56	26.0	0.0
	Channel			630834	633332	635832	up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.56	24.63	24.49	26.0	0.0
	Channel			630668	633332	636000	up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	24.50	24.63	24.58	26.0	0.0
	Channel			630500	633332	636166	up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	24.56	24.56	24.52	26.0	0.0
	Channel			630334	633332	636332	up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.58	24.54	24.49	26.0	0.0

PC3 FR1 n78 PartO 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			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		22.38			
100	PI/2 BPSK	1	137		22.16		23.5	0.0
100	PI/2 BPSK	1	271		21.87			
100	PI/2 BPSK	135	0		22.07		23.5	0.0
100	PI/2 BPSK	135	69		21.94		23.5	0.0
100	PI/2 BPSK	135	138		21.87		23.5	0.0
100	PI/2 BPSK	270	0		21.98			
100	QPSK	1	1		22.40			
100	QPSK	1	137		22.09		23.5	0.0
100	QPSK	1	271		21.88			
100	QPSK	135	0		22.13			
100	QPSK	135	69		22.01		23.5	0.0
100	QPSK	135	138		21.83			
100	QPSK	270	0		22.01		23.5	0.0
100	16QAM	1	1		21.92		23.5	0.0
100	64QAM	1	1		21.91		23.5	0.0
100	256QAM	1	1		21.04		22.0	1.5
	Channel			649668	650000	650332	up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.30	22.34	22.28	23.5	0.0
	Channel			649334	650000	650666	up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.25	22.28	22.14	23.5	0.0
	Channel			649000	650000	651000	up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.17	22.25	22.24	23.5	0.0
	Channel			648668	650000	651332	up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	22.18	22.24	22.15	23.5	0.0
	Channel			648334	650000	651666	up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.19	22.23	22.17	23.5	0.0
	Channel			648000	650000	652000	up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.19	22.28	22.20	23.5	0.0
	Channel			647668	650000	652332	up limit	MPR
	Frequency (MHz)			3715.02	3750.00	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.26	22.21	22.19	23.5	0.0
	Channel			647500	650000	652500	up limit	MPR
	Frequency (MHz)			3712.5	3750.00	3787.50	(dBm)	(dB)
25	QPSK	1	1	22.24	22.27	22.26	23.5	0.0
	Channel			647334	650000	652668	up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.17	22.30	22.23	23.5	0.0
	Channel			647168	650000	652832	up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.25	22.20	22.15	23.5	0.0
	Channel			647000	650000	653000	up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.24	22.22	22.18	23.5	0.0

PC2 FR1 n78 PartO 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			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		25.26			
100	PI/2 BPSK	1	137		25.00		26.5	0.0
100	PI/2 BPSK	1	271		24.87			
100	PI/2 BPSK	135	0		24.52		26.0	0.5
100	PI/2 BPSK	135	69		24.99		26.5	0.0
100	PI/2 BPSK	135	138		24.89		26.0	0.5
100	PI/2 BPSK	270	0		24.41			
100	QPSK	1	1		25.31			
100	QPSK	1	137		24.81		26.5	0.0
100	QPSK	1	271		24.89			
100	QPSK	135	0		24.12			
100	QPSK	135	69		24.96		26.5	0.0
100	QPSK	135	138		23.75			
100	QPSK	270	0		23.97		25.5	1.0
100	16QAM	1	1		24.19		25.5	1.0
100	64QAM	1	1		22.77		24.0	2.5
100	256QAM	1	1		20.35		22.0	4.5
	Channel			649668	650000	650332	up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	25.20	25.27	25.26	26.5	0.0
	Channel			649334	650000	650666	up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	25.16	25.22	25.13	26.5	0.0
	Channel			649000	650000	651000	up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	25.12	25.21	25.21	26.5	0.0
	Channel			648668	650000	651332	up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	25.15	25.19	25.18	26.5	0.0
	Channel			648334	650000	651666	up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	25.10	25.20	25.20	26.5	0.0
	Channel			648000	650000	652000	up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	25.08	25.22	25.16	26.5	0.0
	Channel			647668	650000	652332	up limit	MPR
	Frequency (MHz)			3715.02	3750.00	3784.98	(dBm)	(dB)
30	QPSK	1	1	25.16	25.22	25.24	26.5	0.0
	Channel			647500	650000	652500	up limit	MPR
	Frequency (MHz)			3712.5	3750.00	3787.50	(dBm)	(dB)
25	QPSK	1	1	25.12	25.15	25.18	26.5	0.0
	Channel			647334	650000	652666	up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	25.06	25.18	25.20	26.5	0.0
	Channel			647168	650000	652832	up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	25.17	25.16	25.13	26.5	0.0
	Channel			647000	650000	653000	up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	25.15	25.23	25.16	26.5	0.0

PC3 FR1 n78 PartQ 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.49		23.5	0.0
100	PI/2 BPSK	1	137		22.81			
100	PI/2 BPSK	1	271		22.60			
100	PI/2 BPSK	135	0		22.38		23.5	0.0
100	PI/2 BPSK	135	69		22.50		23.5	0.0
100	PI/2 BPSK	135	138		22.35		23.5	0.0
100	PI/2 BPSK	270	0		22.44			
100	QPSK	1	1		22.84		23.5	0.0
100	QPSK	1	137		22.69			
100	QPSK	1	271		22.44			
100	QPSK	135	0		22.43		23.5	0.0
100	QPSK	135	69		22.61			
100	QPSK	135	138		22.42			
100	QPSK	270	0		22.46		23.5	0.0
100	16QAM	1	1		22.01		23.5	0.0
100	64QAM	1	1		22.05		23.5	0.0
100	256QAM	1	1		21.25		22.0	1.5
Channel				633000	633332	633666	up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99		(dB)
90	QPSK	1	1	22.74	22.77	22.73	23.5	0.0
Channel				632668	633332	634000	up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510		(dB)
80	QPSK	1	1	22.65	22.68	22.60	23.5	0.0
Channel				632334	633332	634332	up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98		(dB)
70	QPSK	1	1	22.65	22.70	22.65	23.5	0.0
Channel				632000	633332	634666	up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99		(dB)
60	QPSK	1	1	22.65	22.68	22.70	23.5	0.0
Channel				631668	633332	635000	up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525		(dB)
50	QPSK	1	1	22.71	22.63	22.61	23.5	0.0
Channel				631334	633332	635332	up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98		(dB)
40	QPSK	1	1	22.70	22.75	22.63	23.5	0.0
Channel				631000	633332	635666	up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99		(dB)
30	QPSK	1	1	22.69	22.63	22.61	23.5	0.0
Channel				630834	633332	635832	up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48		(dB)
25	QPSK	1	1	22.65	22.69	22.61	23.5	0.0
Channel				630668	633332	636000	up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540		(dB)
20	QPSK	1	1	22.62	22.70	22.60	23.5	0.0
Channel				630500	633332	636166	up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49		(dB)
15	QPSK	1	1	22.68	22.72	22.65	23.5	0.0
Channel				630334	633332	636332	up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98		(dB)
10	QPSK	1	1	22.71	22.69	22.68	23.5	0.0

PC2 FR1 n78 PartQ 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.40		26.5	0.0
100	PI/2 BPSK	1	137		25.67			
100	PI/2 BPSK	1	271		25.50			
100	PI/2 BPSK	135	0		24.89		26.0	0.5
100	PI/2 BPSK	135	69		25.61		26.5	0.0
100	PI/2 BPSK	135	138		24.85		26.0	0.5
100	PI/2 BPSK	270	0		24.92			
100	QPSK	1	1		25.73		26.5	0.0
100	QPSK	1	137		25.45			
100	QPSK	1	271		25.29			
100	QPSK	135	0		24.44		26.5	0.0
100	QPSK	135	69		25.50			
100	QPSK	135	138		24.42			
100	QPSK	270	0		24.49		25.5	1.0
100	16QAM	1	1		24.37		25.5	1.0
100	64QAM	1	1		22.93		24.0	2.5
100	256QAM	1	1		20.48		22.0	4.5
Channel				633000	633332	633666	up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99		(dB)
90	QPSK	1	1	25.61	25.64	25.60	26.5	0.0
Channel				632668	633332	634000	up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510		(dB)
80	QPSK	1	1	25.51	25.52	25.51	26.5	0.0
Channel				632334	633332	634332	up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98		(dB)
70	QPSK	1	1	25.52	25.53	25.52	26.5	0.0
Channel				632000	633332	634666	up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99		(dB)
60	QPSK	1	1	25.56	25.55	25.50	26.5	0.0
Channel				631668	633332	635000	up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525		(dB)
50	QPSK	1	1	25.49	25.57	25.53	26.5	0.0
Channel				631334	633332	635332	up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98		(dB)
40	QPSK	1	1	25.47	25.51	25.52	26.5	0.0
Channel				631000	633332	635666	up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99		(dB)
30	QPSK	1	1	25.47	25.59	25.54	26.5	0.0
Channel				630834	633332	635832	up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48		(dB)
25	QPSK	1	1	25.57	25.61	25.47	26.5	0.0
Channel				630668	633332	636000	up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540		(dB)
20	QPSK	1	1	25.55	25.60	25.51	26.5	0.0
Channel				630500	633332	636166	up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49		(dB)
15	QPSK	1	1	25.54	25.58	25.50	26.5	0.0
Channel				630334	633332	636332	up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98		(dB)
10	QPSK	1	1	25.49	25.54	25.49	26.5	0.0

FR1 n48 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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.93	23.00	22.90	24.0	0.0
40	PI/2 BPSK	1	53	23.13	23.16	23.04		
40	PI/2 BPSK	1	104	22.94	23.01	22.87		
40	PI/2 BPSK	50	0	22.46	22.55	22.45	23.5	0.5
40	PI/2 BPSK	50	28	22.95	23.05	22.94	24.0	0.0
40	PI/2 BPSK	50	56	22.63	22.65	22.60	23.5	0.5
40	PI/2 BPSK	100	0	22.54	22.57	22.47		
40	QPSK	1	1	23.12	23.17	23.13	24.0	0.0
40	QPSK	1	53	23.02	23.11	23.00		
40	QPSK	1	104	23.01	23.14	23.04		
40	QPSK	50	0	21.98	22.05	21.95	24.0	0.0
40	QPSK	50	28	23.04	23.14	23.07		
40	QPSK	50	56	22.08	22.13	22.10		
40	QPSK	100	0	21.96	22.08	22.02	23.0	1.0
40	16QAM	1	1	21.55	21.64	21.51	23.0	1.0
40	64QAM	1	1	20.10	20.22	20.08	21.5	2.5
40	256QAM	1	1	18.78	18.84	18.76	19.5	4.5
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.99	23.06	23.08	24.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.02	23.06	23.02	24.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.09	23.06	23.02	24.0	0.0

2.05
23.35

PC3 FR1 n77 PartO 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	20.19	20.32	20.26	22.0	0.0
100	PI/2 BPSK	1	137	20.31	20.41	20.36		
100	PI/2 BPSK	1	271	20.27	20.34	20.30		
100	PI/2 BPSK	135	0	20.03	20.11	20.04	22.0	0.0
100	PI/2 BPSK	135	69	20.09	20.20	20.11	22.0	0.0
100	PI/2 BPSK	135	138	20.13	20.26	20.13	22.0	0.0
100	PI/2 BPSK	270	0	20.03	20.15	20.12		
100	QPSK	1	1	20.34	20.42	20.31	22.0	0.0
100	QPSK	1	137	20.18	20.27	20.20		
100	QPSK	1	271	20.13	20.26	20.18		
100	QPSK	135	0	20.13	20.15	20.05	22.0	0.0
100	QPSK	135	69	20.44	20.47	20.39		
100	QPSK	135	138	20.19	20.31	20.25		
100	QPSK	270	0	20.07	20.16	20.14	22.0	0.0
100	16QAM	1	1	20.02	20.10	20.00	22.0	0.0
100	64QAM	1	1	20.03	20.12	20.10	22.0	0.0
100	256QAM	1	1	18.83	18.94	18.87	20.5	1.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	20.29	20.37	20.20	22.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.20	20.33	20.28	22.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.27	20.29	20.25	22.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	20.24	20.33	20.18	22.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	20.22	20.30	20.23	22.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.30	20.30	20.17	22.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	20.27	20.32	20.25	22.0	0.0
Channel				647502	656000	664502	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	20.30	20.36	20.18	22.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	20.29	20.40	20.21	22.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	20.22	20.33	20.23	22.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.23	20.36	20.20	22.0	0.0

PC2 FR1 n77 PartO 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	23.13	23.17	23.14	25.0	0.0
100	PI/2 BPSK	1	137	23.15	23.25	23.11		
100	PI/2 BPSK	1	271	23.12	23.25	23.16		
100	PI/2 BPSK	135	0	22.53	22.60	22.58	24.5	0.5
100	PI/2 BPSK	135	69	23.13	23.26	23.16	25.0	0.0
100	PI/2 BPSK	135	138	22.65	22.72	22.60	24.5	0.5
100	PI/2 BPSK	270	0	22.55	22.62	22.57		
100	QPSK	1	1	23.19	23.27	23.18	25.0	0.0
100	QPSK	1	137	23.03	23.08	23.02		
100	QPSK	1	271	23.04	23.08	23.00		
100	QPSK	135	0	22.05	22.18	22.05	25.0	0.0
100	QPSK	135	69	23.17	23.20	23.17		
100	QPSK	135	138	22.17	22.28	22.18		
100	QPSK	270	0	22.16	22.19	22.08	24.0	1.0
100	16QAM	1	1	22.14	22.21	22.08	24.0	1.0
100	64QAM	1	1	20.67	20.72	20.67	22.5	2.5
100	256QAM	1	1	18.88	18.94	18.82	20.5	4.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	23.11	23.23	23.10	25.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	23.11	23.22	23.07	25.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.08	23.23	23.11	25.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	23.09	23.16	23.08	25.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	23.10	23.13	23.05	25.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.14	23.17	23.08	25.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	23.15	23.14	23.14	25.0	0.0
Channel				647502	656000	664502	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	23.12	23.23	23.08	25.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	23.09	23.25	23.15	25.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	23.14	23.18	23.12	25.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.13	23.19	23.09	25.0	0.0

PC3 FR1 n77 PartQ 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		20.38			
100	PI/2 BPSK	1	137		20.50		22.0	0.0
100	PI/2 BPSK	1	271		20.25			
100	PI/2 BPSK	135	0		20.47		22.0	0.0
100	PI/2 BPSK	135	69		20.51		22.0	0.0
100	PI/2 BPSK	135	138		20.40		22.0	0.0
100	PI/2 BPSK	270	0		20.46			
100	QPSK	1	1		20.62			
100	QPSK	1	137		20.57		22.0	0.0
100	QPSK	1	271		20.18			
100	QPSK	135	0		20.52			
100	QPSK	135	69		20.56		22.0	0.0
100	QPSK	135	138		20.44			
100	QPSK	270	0		20.46		22.0	0.0
100	16QAM	1	1		20.03		22.0	0.0
100	64QAM	1	1		20.17		22.0	0.0
100	256QAM	1	1		19.19		20.5	1.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	20.52	20.59	20.49	22.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	20.46	20.54	20.46	22.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	20.38	20.51	20.42	22.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	20.44	20.48	20.46	22.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	20.49	20.46	20.44	22.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	20.45	20.52	20.39	22.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	20.46	20.47	20.41	22.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	20.39	20.55	20.43	22.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	20.44	20.54	20.47	22.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	20.38	20.55	20.43	22.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	20.48	20.57	20.36	22.0	0.0

PC2 FR1 n77 PartQ 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		23.26			
100	PI/2 BPSK	1	137		23.40		25.0	0.0
100	PI/2 BPSK	1	271		23.10			
100	PI/2 BPSK	135	0		22.95		24.5	0.5
100	PI/2 BPSK	135	69		23.40		25.0	0.0
100	PI/2 BPSK	135	138		22.87		24.5	0.5
100	PI/2 BPSK	270	0		22.93			
100	QPSK	1	1		23.44			
100	QPSK	1	137		23.39		25.0	0.0
100	QPSK	1	271		23.02			
100	QPSK	135	0		22.50			
100	QPSK	135	69		23.37		25.0	0.0
100	QPSK	135	138		22.42			
100	QPSK	270	0		22.48		24.0	1.0
100	16QAM	1	1		22.46		24.0	1.0
100	64QAM	1	1		20.91		22.5	2.5
100	256QAM	1	1		19.21		20.5	4.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	23.31	23.41	23.35	25.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	23.28	23.30	23.29	25.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	23.25	23.30	23.25	25.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	23.24	23.34	23.32	25.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	23.20	23.33	23.26	25.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	23.23	23.39	23.27	25.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	23.22	23.28	23.23	25.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	23.23	23.28	23.26	25.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	23.21	23.38	23.27	25.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	23.23	23.38	23.30	25.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	23.20	23.30	23.29	25.0	0.0

PC3 FR1 n78 PartO 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			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		21.31			
100	PI/2 BPSK	1	137		21.59		22.5	0.0
100	PI/2 BPSK	1	271		21.31			
100	PI/2 BPSK	135	0		21.22		22.5	0.0
100	PI/2 BPSK	135	69		21.29		22.5	0.0
100	PI/2 BPSK	135	138		21.27		22.5	0.0
100	PI/2 BPSK	270	0		21.30			
100	QPSK	1	1		21.62			
100	QPSK	1	137		21.44		22.5	0.0
100	QPSK	1	271		21.10			
100	QPSK	135	0		21.26			
100	QPSK	135	69		21.40		22.5	0.0
100	QPSK	135	138		21.31			
100	QPSK	270	0		21.32		22.5	0.0
100	16QAM	1	1		20.84		22.5	0.0
100	64QAM	1	1		20.89		22.5	0.0
100	256QAM	1	1		20.01		21.0	1.5
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	21.55	21.58	21.57	22.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	21.46	21.46	21.53	22.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	21.49	21.52	21.48	22.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	21.43	21.47	21.52	22.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	21.41	21.49	21.55	22.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	21.46	21.47	21.54	22.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	21.48	21.49	21.52	22.5	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	21.42	21.47	21.46	22.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	21.52	21.45	21.47	22.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	21.52	21.52	21.46	22.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	21.49	21.50	21.53	22.5	0.0

PC2 FR1 n78 PartO 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			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		24.23			
100	PI/2 BPSK	1	137		24.39		25.5	0.0
100	PI/2 BPSK	1	271		24.19			
100	PI/2 BPSK	135	0		23.71		25.0	0.5
100	PI/2 BPSK	135	69		24.41		25.5	0.0
100	PI/2 BPSK	135	138		23.77		25.0	0.5
100	PI/2 BPSK	270	0		23.76			
100	QPSK	1	1		24.44			
100	QPSK	1	137		24.26		25.5	0.0
100	QPSK	1	271		23.96			
100	QPSK	135	0		23.29			
100	QPSK	135	69		24.32		25.5	0.0
100	QPSK	135	138		23.31			
100	QPSK	270	0		23.33		24.5	1.0
100	16QAM	1	1		23.21		24.5	1.0
100	64QAM	1	1		21.74		23.0	2.5
100	256QAM	1	1		19.08		21.0	4.5
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	24.32	24.37	24.33	25.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	24.30	24.24	24.23	25.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	24.20	24.28	24.30	25.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	24.22	24.29	24.27	25.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	24.21	24.34	24.29	25.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	24.29	24.35	24.20	25.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	24.22	24.29	24.31	25.5	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	24.30	24.24	24.30	25.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	24.23	24.25	24.22	25.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	24.21	24.35	24.21	25.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	24.24	24.28	24.24	25.5	0.0

PC3 FR1 n78 PartQ 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		21.39			
100	PI/2 BPSK	1	137		21.49		22.5	0.0
100	PI/2 BPSK	1	271		21.26			
100	PI/2 BPSK	135	0		21.45		22.5	0.0
100	PI/2 BPSK	135	69		21.46		22.5	0.0
100	PI/2 BPSK	135	138		21.34		22.5	0.0
100	PI/2 BPSK	270	0		21.43			
100	QPSK	1	1		21.61			
100	QPSK	1	137		21.53		22.5	0.0
100	QPSK	1	271		21.17			
100	QPSK	135	0		21.48			
100	QPSK	135	69		21.51		22.5	0.0
100	QPSK	135	138		21.39			
100	QPSK	270	0		21.44		22.5	0.0
100	16QAM	1	1		21.10		22.5	0.0
100	64QAM	1	1		21.14		22.5	0.0
100	256QAM	1	1		20.33		21.0	1.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	21.55	21.58	21.54	22.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	21.51	21.47	21.46	22.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	21.47	21.52	21.47	22.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	21.41	21.52	21.44	22.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	21.45	21.49	21.47	22.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	21.43	21.53	21.49	22.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	21.51	21.47	21.42	22.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	21.50	21.45	21.46	22.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	21.47	21.45	21.49	22.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	21.46	21.47	21.51	22.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	21.48	21.53	21.49	22.5	0.0

PC2 FR1 n78 PartQ 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		24.26			
100	PI/2 BPSK	1	137		24.36		25.5	0.0
100	PI/2 BPSK	1	271		24.10			
100	PI/2 BPSK	135	0		23.90		25.0	0.5
100	PI/2 BPSK	135	69		24.41		25.5	0.0
100	PI/2 BPSK	135	138		23.79		25.0	0.5
100	PI/2 BPSK	270	0		23.87			
100	QPSK	1	1		24.51			
100	QPSK	1	137		24.26		25.5	0.0
100	QPSK	1	271		23.95			
100	QPSK	135	0		23.45			
100	QPSK	135	69		24.43		25.5	0.0
100	QPSK	135	138		23.32			
100	QPSK	270	0		23.45		24.5	1.0
100	16QAM	1	1		23.34		24.5	1.0
100	64QAM	1	1		21.94		23.0	2.5
100	256QAM	1	1		19.45		21.0	4.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	24.37	24.47	24.37	25.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	24.26	24.34	24.26	25.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	24.34	24.38	24.27	25.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	24.25	24.40	24.27	25.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	24.32	24.45	24.33	25.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	24.23	24.34	24.30	25.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	24.31	24.40	24.26	25.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	24.30	24.39	24.27	25.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	24.30	24.34	24.29	25.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	24.24	24.38	24.27	25.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	24.32	24.35	24.26	25.5	0.0

FR1 n48 Ant9 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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.00	23.08	22.95	24.0	0.0
40	PI/2 BPSK	1	53	23.07	23.14	23.01		
40	PI/2 BPSK	1	104	23.01	23.13	23.01		
40	PI/2 BPSK	50	0	22.53	22.63	22.60	23.5	0.5
40	PI/2 BPSK	50	28	23.11	23.16	23.11	24.0	0.0
40	PI/2 BPSK	50	56	22.65	22.74	22.67	23.5	0.5
40	PI/2 BPSK	100	0	22.61	22.66	22.59		
40	QPSK	1	1	23.21	23.24	23.17	24.0	0.0
40	QPSK	1	53	23.08	23.13	23.05		
40	QPSK	1	104	23.10	23.23	23.10		
40	QPSK	50	0	22.02	22.11	22.05	24.0	0.0
40	QPSK	50	28	23.14	23.20	23.13		
40	QPSK	50	56	22.12	22.22	22.14		
40	QPSK	100	0	22.12	22.16	22.09	23.0	1.0
40	16QAM	1	1	21.55	21.66	21.58	23.0	1.0
40	64QAM	1	1	20.21	20.26	20.15	21.5	2.5
40	256QAM	1	1	18.84	18.90	18.81	19.5	4.5
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.15	23.21	23.06	24.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.08	23.20	23.12	24.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.16	23.11	23.13	24.0	0.0

1.82
23.12

PC3 FR1 n77 PartO Ant9 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	20.05	20.13	20.06	21.5	0.0
100	PI/2 BPSK	1	137	20.12	20.23	20.09		
100	PI/2 BPSK	1	271	20.19	20.25	20.12		
100	PI/2 BPSK	135	0	19.91	20.01	19.95	21.5	0.0
100	PI/2 BPSK	135	69	20.08	20.12	20.04	21.5	0.0
100	PI/2 BPSK	135	138	20.07	20.18	20.08	21.5	0.0
100	PI/2 BPSK	270	0	19.97	20.04	19.95		
100	QPSK	1	1	20.21	20.30	20.27	21.5	0.0
100	QPSK	1	137	20.10	20.23	20.18		
100	QPSK	1	271	20.18	20.20	20.12		
100	QPSK	135	0	19.89	20.01	19.91	21.5	0.0
100	QPSK	135	69	20.07	20.19	20.11		
100	QPSK	135	138	19.99	20.04	19.97		
100	QPSK	270	0	19.92	20.05	19.97	21.5	0.0
100	16QAM	1	1	19.68	19.82	19.74	21.5	0.0
100	64QAM	1	1	19.71	19.84	19.70	21.5	0.0
100	256QAM	1	1	18.58	18.71	18.57	20.0	1.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	20.09	20.22	20.23	21.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.14	20.27	20.21	21.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.09	20.25	20.13	21.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	20.15	20.16	20.18	21.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	20.08	20.17	20.17	21.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.10	20.19	20.23	21.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	20.14	20.28	20.20	21.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	20.08	20.27	20.16	21.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	20.15	20.27	20.20	21.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	20.09	20.19	20.19	21.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.08	20.26	20.15	21.5	0.0

PC2 FR1 n77 PartO Ant9 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.81	22.93	22.90	24.5	0.0
100	PI/2 BPSK	1	137	23.09	23.14	23.04		
100	PI/2 BPSK	1	271	23.07	23.15	23.01		
100	PI/2 BPSK	135	0	22.41	22.45	22.39	24.0	0.5
100	PI/2 BPSK	135	69	22.98	23.10	23.02	24.5	0.0
100	PI/2 BPSK	135	138	22.56	22.61	22.49	24.0	0.5
100	PI/2 BPSK	270	0	22.48	22.51	22.39		
100	QPSK	1	1	23.08	23.17	23.13	24.5	0.0
100	QPSK	1	137	22.96	23.01	22.91		
100	QPSK	1	271	22.93	23.00	22.88		
100	QPSK	135	0	21.99	22.04	21.99	24.5	0.0
100	QPSK	135	69	22.95	23.09	23.01		
100	QPSK	135	138	22.10	22.20	22.06		
100	QPSK	270	0	22.06	22.08	22.03	23.5	1.0
100	16QAM	1	1	21.93	22.00	21.93	23.5	1.0
100	64QAM	1	1	20.38	20.49	20.45	22.0	2.5
100	256QAM	1	1	18.74	18.77	18.68	20.0	4.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	23.06	23.04	23.08	24.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	23.00	23.11	23.00	24.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.02	23.10	23.10	24.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.96	23.03	23.03	24.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.96	23.08	23.08	24.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.05	23.14	23.03	24.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	23.01	23.13	23.07	24.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	23.03	23.13	23.00	24.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	23.00	23.07	23.02	24.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	23.03	23.11	23.02	24.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.97	23.05	23.03	24.5	0.0

PC3 FR1 n77 PartQ Ant9 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		19.88			
100	PI/2 BPSK	1	137		20.05		21.5	0.0
100	PI/2 BPSK	1	271		19.97			
100	PI/2 BPSK	135	0		19.98		21.5	0.0
100	PI/2 BPSK	135	69		20.05		21.5	0.0
100	PI/2 BPSK	135	138		20.05		21.5	0.0
100	PI/2 BPSK	270	0		20.03			
100	QPSK	1	1		20.12			
100	QPSK	1	137		20.11		21.5	0.0
100	QPSK	1	271		19.92			
100	QPSK	135	0		20.03			
100	QPSK	135	69		20.11		21.5	0.0
100	QPSK	135	138		20.07			
100	QPSK	270	0		20.05		21.5	0.0
100	16QAM	1	1		19.87		21.5	0.0
100	64QAM	1	1		19.82		21.5	0.0
100	256QAM	1	1		18.74		20.0	1.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	20.00	20.06	20.05	21.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	19.97	20.01	19.92	21.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	19.93	19.97	19.96	21.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	19.90	20.01	19.97	21.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	19.89	20.03	19.96	21.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	19.87	19.96	20.00	21.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	19.91	19.98	19.93	21.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	19.97	19.94	19.99	21.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	19.87	19.98	19.92	21.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	19.92	20.03	19.91	21.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	19.94	19.96	20.01	21.5	0.0

PC2 FR1 n77 PartQ Ant9 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		22.89			
100	PI/2 BPSK	1	137		23.00		24.5	0.0
100	PI/2 BPSK	1	271		22.87			
100	PI/2 BPSK	135	0		22.46		24.0	0.5
100	PI/2 BPSK	135	69		23.00		24.5	0.0
100	PI/2 BPSK	135	138		22.53		24.0	0.5
100	PI/2 BPSK	270	0		22.51			
100	QPSK	1	1		23.05			
100	QPSK	1	137		22.96		24.5	0.0
100	QPSK	1	271		22.82			
100	QPSK	135	0		22.03			
100	QPSK	135	69		23.02		24.5	0.0
100	QPSK	135	138		22.08			
100	QPSK	270	0		22.07		23.5	1.0
100	16QAM	1	1		22.03		23.5	1.0
100	64QAM	1	1		20.47		22.0	2.5
100	256QAM	1	1		18.87		20.0	4.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	22.94	22.99	22.98	24.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	22.90	22.91	22.87	24.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	22.80	22.85	22.96	24.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	22.85	22.96	22.94	24.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	22.92	22.88	22.95	24.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	22.89	22.96	22.91	24.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	22.91	22.85	22.84	24.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	22.88	22.97	22.95	24.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	22.87	22.86	22.93	24.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	22.87	22.96	22.92	24.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	22.89	22.85	22.89	24.5	0.0

PC3 FR1 n78 PartO Ant9 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			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		21.21			
100	PI/2 BPSK	1	137		21.16		22.5	0.0
100	PI/2 BPSK	1	271		21.06			
100	PI/2 BPSK	135	0		20.99		22.5	0.0
100	PI/2 BPSK	135	69		21.01		22.5	0.0
100	PI/2 BPSK	135	138		21.00		22.5	0.0
100	PI/2 BPSK	270	0		21.06			
100	QPSK	1	1		21.26			
100	QPSK	1	137		21.19		22.5	0.0
100	QPSK	1	271		20.93			
100	QPSK	135	0		21.05			
100	QPSK	135	69		21.10		22.5	0.0
100	QPSK	135	138		21.05			
100	QPSK	270	0		21.09		22.5	0.0
100	16QAM	1	1		20.74		22.5	0.0
100	64QAM	1	1		20.80		22.5	0.0
100	256QAM	1	1		19.91		21.0	1.5
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	21.21	21.22	21.20	22.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	21.14	21.19	21.06	22.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	21.09	21.19	21.13	22.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	21.11	21.15	21.14	22.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	21.09	21.17	21.08	22.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	21.15	21.16	21.08	22.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	21.11	21.14	21.10	22.5	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	21.09	21.11	21.15	22.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	21.17	21.10	21.14	22.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	21.18	21.18	21.15	22.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	21.08	21.10	21.13	22.5	0.0

PC2 FR1 n78 PartO Ant9 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			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		24.11			
100	PI/2 BPSK	1	137		24.13		25.5	0.0
100	PI/2 BPSK	1	271		24.00			
100	PI/2 BPSK	135	0		23.48		25.0	0.5
100	PI/2 BPSK	135	69		24.11		25.5	0.0
100	PI/2 BPSK	135	138		23.50		25.0	0.5
100	PI/2 BPSK	270	0		23.55			
100	QPSK	1	1		24.15			
100	QPSK	1	137		23.94		25.5	0.0
100	QPSK	1	271		23.80			
100	QPSK	135	0		23.06			
100	QPSK	135	69		24.08		25.5	0.0
100	QPSK	135	138		23.08			
100	QPSK	270	0		23.12		24.5	1.0
100	16QAM	1	1		23.12		24.5	1.0
100	64QAM	1	1		21.67		23.0	2.5
100	256QAM	1	1		19.92		21.0	4.5
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	24.08	24.12	24.02	25.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	24.00	23.99	23.88	25.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	24.04	24.09	23.89	25.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	24.01	24.00	23.99	25.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	23.95	24.01	23.98	25.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	24.02	24.06	23.94	25.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	24.03	24.09	23.95	25.5	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	23.94	24.00	23.93	25.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	24.04	24.10	23.99	25.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	23.95	24.01	23.97	25.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	24.06	24.06	23.96	25.5	0.0

PC3 FR1 n78 PartQ Ant9 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		20.89			
100	PI/2 BPSK	1	137		21.07		22.5	0.0
100	PI/2 BPSK	1	271		21.01			
100	PI/2 BPSK	135	0		20.94		22.5	0.0
100	PI/2 BPSK	135	69		20.99		22.5	0.0
100	PI/2 BPSK	135	138		20.96		22.5	0.0
100	PI/2 BPSK	270	0		20.99			
100	QPSK	1	1		21.09			
100	QPSK	1	137		20.98		22.5	0.0
100	QPSK	1	271		20.96			
100	QPSK	135	0		21.00			
100	QPSK	135	69		21.05		22.5	0.0
100	QPSK	135	138		21.02			
100	QPSK	270	0		21.02		22.5	0.0
100	16QAM	1	1		20.62		22.5	0.0
100	64QAM	1	1		20.66		22.5	0.0
100	256QAM	1	1		19.86		21.0	1.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	20.98	21.02	20.95	22.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	20.85	20.91	20.83	22.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	20.86	20.97	20.90	22.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	20.86	20.95	20.93	22.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	20.95	20.96	20.85	22.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	20.90	20.97	20.84	22.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	20.86	20.99	20.88	22.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	20.93	20.91	20.92	22.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	20.95	20.96	20.93	22.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	20.89	20.96	20.88	22.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	20.92	20.99	20.85	22.5	0.0

PC2 FR1 n78 PartQ Ant9 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		23.77			
100	PI/2 BPSK	1	137		23.95		25.5	0.0
100	PI/2 BPSK	1	271		23.88			
100	PI/2 BPSK	135	0		23.43		25.0	0.5
100	PI/2 BPSK	135	69		24.01		25.5	0.0
100	PI/2 BPSK	135	138		23.46		25.0	0.5
100	PI/2 BPSK	270	0		23.47			
100	QPSK	1	1		24.08			
100	QPSK	1	137		23.82		25.5	0.0
100	QPSK	1	271		23.75			
100	QPSK	135	0		22.99			
100	QPSK	135	69		24.00		25.5	0.0
100	QPSK	135	138		23.01			
100	QPSK	270	0		23.03		24.5	1.0
100	16QAM	1	1		22.94		24.5	1.0
100	64QAM	1	1		21.48		23.0	2.5
100	256QAM	1	1		19.79		21.0	4.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	24.00	24.04	23.96	25.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	23.91	23.95	23.87	25.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	23.96	23.91	23.86	25.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	23.95	23.95	23.93	25.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	23.94	23.97	23.91	25.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	23.91	23.94	23.89	25.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	23.94	23.90	23.89	25.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	23.92	24.00	23.93	25.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	23.92	24.00	23.91	25.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	23.96	24.00	23.92	25.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	23.92	23.96	23.91	25.5	0.0

Reduced Power Mode for ECI1

FR1 n5 Ant0 ECI1

BW [MHz]	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	25.26	25.29	25.18	25.7	0.0
20	PI/2 BPSK	1	53	25.35	25.41	25.38		
20	PI/2 BPSK	1	104	25.32	25.36	25.32		
20	PI/2 BPSK	50	0	24.72	24.85	24.78	25.2	0.5
20	PI/2 BPSK	50	28	25.39	25.42	25.34	25.7	0.0
20	PI/2 BPSK	50	56	24.72	24.81	24.70	25.2	0.5
20	PI/2 BPSK	100	0	24.73	24.85	24.81		
20	QPSK	1	1	25.41	25.46	25.40	25.7	0.0
20	QPSK	1	53	25.37	25.41	25.32		
20	QPSK	1	104	25.34	25.38	25.28		
20	QPSK	50	0	24.30	24.33	24.28	24.7	1.0
20	QPSK	50	28	25.28	25.35	25.32	25.7	0.0
20	QPSK	50	56	24.15	24.28	24.16	24.7	1.0
20	QPSK	100	0	24.17	24.31	24.19		
20	16QAM	1	1	23.98	24.07	23.99	24.7	1.0
20	64QAM	1	1	22.66	22.71	22.65	23.2	2.5
20	256QAM	1	1	20.99	21.02	20.89	21.2	4.5
Channel				166300	167300	166300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.35	25.34	25.36	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.29	25.42	25.31	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.28	25.43	25.34	25.7	0.0

FR1 n26 Ant0 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.31	25.35	25.23	25.7	0.0
20	PI/2 BPSK	1	53	25.38	25.47	25.40		
20	PI/2 BPSK	1	104	25.40	25.42	25.34		
20	PI/2 BPSK	50	0	24.77	24.91	24.84	25.2	0.5
20	PI/2 BPSK	50	28	25.45	25.46	25.39	25.7	0.0
20	PI/2 BPSK	50	56	24.80	24.88	24.76	25.2	0.5
20	PI/2 BPSK	100	0	24.78	24.90	24.84		
20	QPSK	1	1	25.49	25.50	25.45	25.7	0.0
20	QPSK	1	53	25.42	25.45	25.40		
20	QPSK	1	104	25.37	25.42	25.32		
20	QPSK	50	0	24.38	24.37	24.32	24.7	1.0
20	QPSK	50	28	25.35	25.41	25.39	25.7	0.0
20	QPSK	50	56	24.23	24.33	24.22	24.7	1.0
20	QPSK	100	0	24.23	24.37	24.22		
20	16QAM	1	1	24.01	24.12	24.05	24.7	1.0
20	64QAM	1	1	22.73	22.74	22.67	23.2	2.5
20	256QAM	1	1	21.06	21.05	20.92	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.38	25.38	25.41	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.36	25.45	25.35	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.33	25.46	25.40	25.7	0.0

FR1 n5 Ant1 ECI1

BW [MHz]	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	22.41	22.44	22.35	22.7	0.0
20	PI/2 BPSK	1	53	22.34	22.43	22.45		
20	PI/2 BPSK	1	104	22.40	22.50	22.38		
20	PI/2 BPSK	50	0	22.40	22.44	22.46	22.7	0.0
20	PI/2 BPSK	50	28	22.45	22.40	22.38	22.7	0.0
20	PI/2 BPSK	50	56	22.40	22.44	22.38	22.7	0.0
20	PI/2 BPSK	100	0	22.41	22.41	22.41		
20	QPSK	1	1	22.45	22.51	22.36	22.7	0.0
20	QPSK	1	53	22.38	22.41	22.45		
20	QPSK	1	104	22.43	22.39	22.40		
20	QPSK	50	0	22.42	22.45	22.41	22.7	0.0
20	QPSK	50	28	22.40	22.49	22.38	22.7	0.0
20	QPSK	50	56	22.38	22.39	22.39	22.7	0.0
20	QPSK	100	0	22.46	22.47	22.41		
20	16QAM	1	1	22.42	22.42	22.45	22.7	0.0
20	64QAM	1	1	22.44	22.42	22.42	22.7	0.0
20	256QAM	1	1	20.96	20.89	20.87	21.2	1.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.35	22.26	22.30	22.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.29	22.35	22.25	22.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.37	22.27	22.28	22.7	0.0

FR1 n26 Ant1 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.46	22.49	22.39	22.7	0.0
20	PI/2 BPSK	1	53	22.47	22.44	22.47		
20	PI/2 BPSK	1	104	22.41	22.48	22.47		
20	PI/2 BPSK	50	0	22.48	22.43	22.38	22.7	0.0
20	PI/2 BPSK	50	28	22.49	22.46	22.40	22.7	0.0
20	PI/2 BPSK	50	56	22.44	22.53	22.41	22.7	0.0
20	PI/2 BPSK	100	0	22.41	22.53	22.48		
20	QPSK	1	1	22.44	22.55	22.43	22.7	0.0
20	QPSK	1	53	22.42	22.47	22.38		
20	QPSK	1	104	22.40	22.48	22.47		
20	QPSK	50	0	22.41	22.45	22.41	22.7	0.0
20	QPSK	50	28	22.43	22.51	22.49	22.7	0.0
20	QPSK	50	56	22.44	22.46	22.42	22.7	0.0
20	QPSK	100	0	22.46	22.47	22.43		
20	16QAM	1	1	22.41	22.51	22.46	22.7	0.0
20	64QAM	1	1	22.43	22.53	22.46	22.7	0.0
20	256QAM	1	1	20.96	21.00	20.90	21.2	1.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.35	22.44	22.29	22.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.32	22.37	22.32	22.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.30	22.42	22.35	22.7	0.0

FR1 n2 Ant2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1880	1880	1900		
20	PI/2 BPSK	1	1	24.41	24.51	24.46	25.7	0.0
20	PI/2 BPSK	1	53	24.45	24.59	24.48		
20	PI/2 BPSK	1	104	24.49	24.55	24.46		
20	PI/2 BPSK	50	0	24.06	24.15	24.08	25.2	0.5
20	PI/2 BPSK	50	28	24.57	24.68	24.55	25.7	0.0
20	PI/2 BPSK	50	56	24.10	24.15	24.12	25.2	0.5
20	PI/2 BPSK	100	0	24.16	24.19	24.05		
20	QPSK	1	1	24.77	24.85	24.75	25.7	0.0
20	QPSK	1	53	24.60	24.71	24.67		
20	QPSK	1	104	24.61	24.69	24.61		
20	QPSK	50	0	23.51	23.63	23.57	24.7	1.0
20	QPSK	50	28	24.58	24.64	24.57	25.7	0.0
20	QPSK	50	56	23.53	23.60	23.54	24.7	1.0
20	QPSK	100	0	23.57	23.64	23.51		
20	16QAM	1	1	23.29	23.31	23.17	24.7	1.0
20	64QAM	1	1	21.72	21.83	21.69	23.2	2.5
20	256QAM	1	1	20.43	20.49	20.46	21.2	4.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.67	24.79	24.65	25.7	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.73	24.77	24.71	25.7	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	24.65	24.80	24.70	25.7	0.0

FR1 n7 Ant2 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2505	2535	2545		
50	PI/2 BPSK	1	1	24.71	24.74	24.67	25.7	0.0
50	PI/2 BPSK	1	135	24.74	24.82	24.69		
50	PI/2 BPSK	1	268	24.60	24.72	24.65		
50	PI/2 BPSK	135	0	24.35	24.41	24.30	25.2	0.5
50	PI/2 BPSK	135	68	24.68	24.81	24.79	25.7	0.0
50	PI/2 BPSK	135	135	24.32	24.35	24.29	25.2	0.5
50	PI/2 BPSK	270	0	24.33	24.36	24.24		
50	QPSK	1	1	24.80	24.84	24.81	25.7	0.0
50	QPSK	1	135	24.78	24.83	24.70		
50	QPSK	1	268	24.76	24.81	24.70		
50	QPSK	135	0	23.86	23.89	23.82	24.7	1.0
50	QPSK	135	68	24.74	24.76	24.72	25.7	0.0
50	QPSK	135	135	23.76	23.83	23.71	24.7	1.0
50	QPSK	270	0	23.77	23.86	23.72		
50	16QAM	1	1	23.53	23.64	23.62	24.7	1.0
50	64QAM	1	1	22.08	22.13	22.01	23.2	2.5
50	256QAM	1	1	20.53	20.60	20.49	21.2	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.73	24.75	24.70	25.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.69	24.81	24.78	25.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.74	24.77	24.69	25.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.75	24.73	24.70	25.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.78	24.72	24.75	25.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.73	24.74	24.70	25.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.67	24.74	24.76	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.82	24.93	24.88	25.7	0.0
40	PI/2 BPSK	1	108	24.95	25.07	24.94		
40	PI/2 BPSK	1	214	24.94	25.03	24.98		
40	PI/2 BPSK	108	0	24.44	24.51	24.42	25.2	0.5
40	PI/2 BPSK	108	54	24.94	25.07	24.96	25.7	0.0
40	PI/2 BPSK	108	108	24.43	24.53	24.49	25.2	0.5
40	PI/2 BPSK	216	0	24.49	24.56	24.46		
40	QPSK	1	1	25.12	25.15	25.09	25.7	0.0
40	QPSK	1	108	25.04	25.14	25.01		
40	QPSK	1	214	25.02	25.13	25.01		
40	QPSK	108	0	23.86	23.95	23.84	24.7	1.0
40	QPSK	108	54	24.97	25.07	24.95	25.7	0.0
40	QPSK	108	108	23.93	24.00	23.94	24.7	1.0
40	QPSK	216	0	23.88	23.99	23.88		
40	16QAM	1	1	23.54	23.68	23.55	24.7	1.0
40	64QAM	1	1	22.12	22.22	22.18	23.2	2.5
40	256QAM	1	1	20.64	20.74	20.64	21.2	4.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	25.03	25.10	25.07	25.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	25.00	25.03	24.98	25.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	25.04	25.06	24.99	25.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	25.08	25.02	24.97	25.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	25.00	25.05	25.01	25.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.99	25.08	24.96	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	24.85	24.99	24.91	25.7	0.0
40	PI/2 BPSK	1	53	24.98	25.03	24.93		
40	PI/2 BPSK	1	104	24.87	24.95	24.85		
40	PI/2 BPSK	50	0	24.31	24.34	24.31	25.2	0.5
40	PI/2 BPSK	50	28	24.80	24.90	24.88	25.7	0.0
40	PI/2 BPSK	50	56	24.27	24.33	24.29	25.2	0.5
40	PI/2 BPSK	100	0	24.29	24.35	24.27		
40	QPSK	1	1	25.11	25.15	25.10	25.7	0.0
40	QPSK	1	53	24.98	25.06	25.03		
40	QPSK	1	104	24.80	24.88	24.85		
40	QPSK	50	0	23.81	23.84	23.76	25.7	0.0
40	QPSK	50	28	24.79	24.83	24.73		
40	QPSK	50	56	23.71	23.81	23.72		
40	QPSK	100	0	23.80	23.83	23.81	24.7	1.0
40	16QAM	1	1	23.51	23.60	23.57	24.7	1.0
40	64QAM	1	1	22.04	22.15	22.10	23.2	2.5
40	256QAM	1	1	20.55	20.61	20.57	21.2	4.5
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	24.98	25.06	25.04	25.7	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	25.04	25.06	25.03	25.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	25.04	25.12	25.04	25.7	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	24.97	25.09	25.06	25.7	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	25.02	25.08	25.08	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.15	23.20	23.06	25.0	0.0
100	PI/2 BPSK	1	137	23.16	23.21	23.14		
100	PI/2 BPSK	1	271	23.19	23.22	23.13		
100	PI/2 BPSK	135	0	23.05	23.14	23.04	24.5	0.5
100	PI/2 BPSK	135	69	22.97	23.11	23.08	25.0	0.0
100	PI/2 BPSK	135	138	22.88	23.01	22.94	24.5	0.5
100	PI/2 BPSK	270	0	23.03	23.11	23.07		
100	QPSK	1	1	23.26	23.29	23.21	25.0	0.0
100	QPSK	1	137	23.16	23.21	23.13		
100	QPSK	1	271	23.01	23.10	23.00		
100	QPSK	135	0	23.07	23.14	23.06	25.0	0.0
100	QPSK	135	69	23.17	23.27	23.16		
100	QPSK	135	138	22.99	23.03	22.90		
100	QPSK	270	0	22.97	23.11	23.08	24.0	1.0
100	16QAM	1	1	22.81	22.86	22.83	24.0	1.0
100	64QAM	1	1	22.83	22.85	22.74	22.5	2.5
100	256QAM	1	1	21.91	21.96	21.91	20.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.16	23.21	23.08	25.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.15	23.21	23.10	25.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.17	23.19	23.16	25.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.19	23.23	23.10	25.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.17	23.18	23.11	25.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.22	23.24	23.08	25.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.15	23.15	23.13	25.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.14	23.27	23.14	25.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.23	23.26	23.14	25.0	0.0

PC2 FR1 n41 Ant2 ECI1

BW [MHz]	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	25.74	25.93	25.83	27.5	0.0
100	PI/2 BPSK	1	137	25.69	25.96	25.84		
100	PI/2 BPSK	1	271	25.72	25.96	25.79		
100	PI/2 BPSK	135	0	25.24	25.54	25.40	27.0	0.5
100	PI/2 BPSK	135	69	25.73	25.99	25.85	27.5	0.0
100	PI/2 BPSK	135	138	25.27	25.51	25.42	27.0	0.5
100	PI/2 BPSK	270	0	25.29	25.58	25.37		
100	QPSK	1	1	25.96	26.05	25.91	27.5	0.0
100	QPSK	1	137	25.86	25.86	25.72		
100	QPSK	1	271	25.68	25.93	25.83		
100	QPSK	135	0	25.68	25.94	25.82	27.5	0.0
100	QPSK	135	69	25.97	25.99	25.90		
100	QPSK	135	138	25.62	25.95	25.81		
100	QPSK	270	0	24.98	25.02	24.95	26.5	1.0
100	16QAM	1	1	24.85	24.92	24.87	26.5	1.0
100	64QAM	1	1	23.30	23.53	23.38	25.0	2.5
100	256QAM	1	1	21.54	21.59	21.48	23.0	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.62	25.95	25.82	27.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	25.63	25.95	25.85	27.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.71	25.99	25.81	27.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.71	25.96	25.84	27.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.67	25.96	25.83	27.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.72	25.95	25.86	27.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.70	25.99	25.80	27.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.71	25.99	25.89	27.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.70	25.94	25.80	27.5	0.0

FR1 n2 Ant3 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.41	16.39	16.31	17.5	0.0
20	PI/2 BPSK	1	53	16.41	16.42	16.29		
20	PI/2 BPSK	1	104	16.42	16.45	16.34		
20	PI/2 BPSK	50	0	16.36	16.47	16.32	17.5	0.0
20	PI/2 BPSK	50	28	16.41	16.43	16.34	17.5	0.0
20	PI/2 BPSK	50	56	16.43	16.46	16.40	17.5	0.0
20	PI/2 BPSK	100	0	16.38	16.43	16.33		
20	QPSK	1	1	16.37	16.49	16.35	17.5	0.0
20	QPSK	1	53	16.42	16.43	16.33		
20	QPSK	1	104	16.39	16.35	16.31		
20	QPSK	50	0	16.43	16.42	16.30	17.5	0.0
20	QPSK	50	28	16.37	16.47	16.36	17.5	0.0
20	QPSK	50	56	16.32	16.46	16.34	17.5	0.0
20	QPSK	100	0	16.33	16.41	16.38		
20	16QAM	1	1	16.38	16.41	16.41	17.5	0.0
20	64QAM	1	1	16.36	16.42	16.30	17.5	0.0
20	256QAM	1	1	16.35	16.41	16.38	17.5	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.29	16.32	16.23	17.5	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.23	16.36	16.20	17.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.28	16.26	16.30	17.5	0.0

FR1 n7 Ant3 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.66	18.72	18.63	19.7	0.0
50	PI/2 BPSK	1	135	18.68	18.76	18.67		
50	PI/2 BPSK	1	268	18.70	18.71	18.71		
50	PI/2 BPSK	135	0	18.64	18.80	18.74	19.7	0.0
50	PI/2 BPSK	135	68	18.70	18.74	18.71	19.7	0.0
50	PI/2 BPSK	135	135	18.74	18.73	18.65	19.7	0.0
50	PI/2 BPSK	270	0	18.75	18.68	18.65		
50	QPSK	1	1	18.74	18.81	18.68	19.7	0.0
50	QPSK	1	135	18.68	18.68	18.67		
50	QPSK	1	268	18.68	18.73	18.70		
50	QPSK	135	0	18.71	18.75	18.68	19.7	0.0
50	QPSK	135	68	18.68	18.79	18.67	19.7	0.0
50	QPSK	135	135	18.76	18.71	18.70	19.7	0.0
50	QPSK	270	0	18.71	18.74	18.63		
50	16QAM	1	1	18.75	18.75	18.70	19.7	0.0
50	64QAM	1	1	18.76	18.77	18.65	19.7	0.0
50	256QAM	1	1	18.66	18.76	18.66	19.7	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.57	18.68	18.60	19.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.64	18.61	18.60	19.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.54	18.69	18.61	19.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.62	18.61	18.59	19.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.59	18.65	18.62	19.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.59	18.60	18.59	19.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.55	18.62	18.55	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	17.45	17.48	17.41	18.5	0.0
40	PI/2 BPSK	1	53	17.48	17.52	17.38		
40	PI/2 BPSK	1	104	17.44	17.44	17.44		
40	PI/2 BPSK	50	0	17.46	17.48	17.48	18.5	0.0
40	PI/2 BPSK	50	28	17.39	17.51	17.39	18.5	0.0
40	PI/2 BPSK	50	56	17.39	17.44	17.46	18.5	0.0
40	PI/2 BPSK	100	0	17.42	17.51	17.38		
40	QPSK	1	1	17.41	17.55	17.44	18.5	0.0
40	QPSK	1	53	17.45	17.52	17.46		
40	QPSK	1	104	17.44	17.45	17.40		
40	QPSK	50	0	17.37	17.51	17.43	18.5	0.0
40	QPSK	50	28	17.42	17.52	17.39		
40	QPSK	50	56	17.48	17.50	17.43		
40	QPSK	100	0	17.41	17.50	17.41	18.5	0.0
40	16QAM	1	1	17.41	17.42	17.37	18.5	0.0
40	64QAM	1	1	17.41	17.45	17.44	18.5	0.0
40	256QAM	1	1	17.46	17.46	17.39	18.5	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	17.36	17.37	17.28	18.5	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	17.32	17.40	17.27	18.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.31	17.31	17.26	18.5	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	17.32	17.42	17.27	18.5	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	17.37	17.42	17.31	18.5	0.0

PC3 FR1 n41 Ant3 ECI1

BW [MHz]	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	16.53	16.60	16.53	18.0	0.0
100	PI/2 BPSK	1	137	16.63	16.58	16.54		
100	PI/2 BPSK	1	271	16.57	16.61	16.57		
100	PI/2 BPSK	135	0	16.58	16.66	16.59	18.0	0.0
100	PI/2 BPSK	135	69	16.58	16.67	16.60	18.0	0.0
100	PI/2 BPSK	135	138	16.53	16.63	16.52	18.0	0.0
100	PI/2 BPSK	270	0	16.61	16.60	16.52		
100	QPSK	1	1	16.57	16.71	16.51	18.0	0.0
100	QPSK	1	137	16.57	16.69	16.53		
100	QPSK	1	271	16.61	16.62	16.59		
100	QPSK	135	0	16.53	16.59	16.59	18.0	0.0
100	QPSK	135	69	16.57	16.68	16.50		
100	QPSK	135	138	16.59	16.60	16.55		
100	QPSK	270	0	16.61	16.64	16.56	18.0	0.0
100	16QAM	1	1	16.57	16.64	16.56	18.0	0.0
100	64QAM	1	1	16.52	16.66	16.53	18.0	0.0
100	256QAM	1	1	16.61	16.67	16.51	18.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.53	16.57	16.48	18.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	16.48	16.54	16.49	18.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.43	16.49	16.42	18.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.43	16.59	16.49	18.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.43	16.52	16.50	18.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.46	16.56	16.41	18.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.44	16.56	16.49	18.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.49	16.54	16.45	18.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.50	16.60	16.48	18.0	0.0

PC2 FR1 n41 Ant3 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.56	19.56	19.49	21.0	0.0
100	PI/2 BPSK	1	137	19.63	19.54	19.58		
100	PI/2 BPSK	1	271	19.52	19.61	19.58		
100	PI/2 BPSK	135	0	19.59	19.70	19.62	21.0	0.0
100	PI/2 BPSK	135	69	19.61	19.71	19.63	21.0	0.0
100	PI/2 BPSK	135	138	19.47	19.60	19.58	21.0	0.0
100	PI/2 BPSK	270	0	19.63	19.60	19.48		
100	QPSK	1	1	19.56	19.75	19.51	21.0	0.0
100	QPSK	1	137	19.55	19.68	19.50		
100	QPSK	1	271	19.61	19.62	19.55		
100	QPSK	135	0	19.48	19.58	19.56	21.0	0.0
100	QPSK	135	69	19.56	19.72	19.49		
100	QPSK	135	138	19.57	19.58	19.60		
100	QPSK	270	0	19.55	19.69	19.52	21.0	0.0
100	16QAM	1	1	19.58	19.58	19.55	21.0	0.0
100	64QAM	1	1	19.51	19.70	19.57	21.0	0.0
100	256QAM	1	1	19.67	19.62	19.48	21.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.39	19.54	19.44	21.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.39	19.51	19.47	21.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.39	19.55	19.41	21.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.48	19.49	19.37	21.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.44	19.53	19.49	21.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.43	19.56	19.42	21.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.48	19.56	19.40	21.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.49	19.47	19.39	21.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.54	19.53	19.39	21.0	0.0

FR1 n2 Ant4 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.40	18.44	18.41	19.0	0.0
20	PI/2 BPSK	1	53	18.41	18.51	18.39		
20	PI/2 BPSK	1	104	18.44	18.49	18.31		
20	PI/2 BPSK	50	0	18.45	18.41	18.33	19.0	0.0
20	PI/2 BPSK	50	28	18.40	18.42	18.40	19.0	0.0
20	PI/2 BPSK	50	56	18.35	18.46	18.34	19.0	0.0
20	PI/2 BPSK	100	0	18.41	18.43	18.41		
20	QPSK	1	1	18.37	18.58	18.34	19.0	0.0
20	QPSK	1	53	18.37	18.46	18.41		
20	QPSK	1	104	18.44	18.51	18.39		
20	QPSK	50	0	18.40	18.51	18.36	19.0	0.0
20	QPSK	50	28	18.36	18.52	18.32	19.0	0.0
20	QPSK	50	56	18.43	18.39	18.38	19.0	0.0
20	QPSK	100	0	18.42	18.43	18.39		
20	16QAM	1	1	18.47	18.46	18.34	19.0	0.0
20	64QAM	1	1	18.35	18.41	18.36	19.0	0.0
20	256QAM	1	1	18.45	18.47	18.38	19.0	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.26	18.40	18.28	19.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.31	18.34	18.26	19.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.33	18.33	18.28	19.0	0.0

FR1 n7 Ant4 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.87	16.94	16.85	17.2	0.0
50	PI/2 BPSK	1	135	16.82	16.94	16.96		
50	PI/2 BPSK	1	268	16.83	16.98	16.92		
50	PI/2 BPSK	135	0	16.91	17.00	16.95	17.2	0.0
50	PI/2 BPSK	135	68	16.82	17.01	16.89	17.2	0.0
50	PI/2 BPSK	135	135	16.86	16.99	16.97	17.2	0.0
50	PI/2 BPSK	270	0	16.90	17.04	16.86		
50	QPSK	1	1	16.89	17.11	16.92	17.2	0.0
50	QPSK	1	135	16.84	16.96	16.95		
50	QPSK	1	268	16.87	16.95	16.90		
50	QPSK	135	0	16.89	16.98	16.89	17.2	0.0
50	QPSK	135	68	16.80	17.05	16.88	17.2	0.0
50	QPSK	135	135	16.89	17.04	16.91	17.2	0.0
50	QPSK	270	0	16.79	17.03	16.89		
50	16QAM	1	1	16.87	16.95	16.91	17.2	0.0
50	64QAM	1	1	16.83	17.03	16.95	17.2	0.0
50	256QAM	1	1	16.82	16.99	16.86	17.2	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.76	16.93	16.79	17.2	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.81	16.88	16.81	17.2	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.74	16.85	16.75	17.2	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.78	16.83	16.78	17.2	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.75	16.87	16.80	17.2	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.71	16.87	16.85	17.2	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.75	16.90	16.81	17.2	0.0

FR1 n66 Ant4 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.32	21.47	21.36	21.7	0.0
40	PI/2 BPSK	1	108	21.30	21.41	21.44		
40	PI/2 BPSK	1	214	21.35	21.43	21.34		
40	PI/2 BPSK	108	0	21.29	21.39	21.33	21.7	0.0
40	PI/2 BPSK	108	54	21.39	21.48	21.33	21.7	0.0
40	PI/2 BPSK	108	108	21.30	21.45	21.43	21.7	0.0
40	PI/2 BPSK	216	0	21.36	21.46	21.33		
40	QPSK	1	1	21.36	21.51	21.34	21.7	0.0
40	QPSK	1	108	21.37	21.47	21.35		
40	QPSK	1	214	21.38	21.45	21.36		
40	QPSK	108	0	21.40	21.37	21.42	21.7	0.0
40	QPSK	108	54	21.36	21.49	21.37	21.7	0.0
40	QPSK	108	108	21.30	21.38	21.42	21.7	0.0
40	QPSK	216	0	21.30	21.44	21.32		
40	16QAM	1	1	21.35	21.40	21.33	21.7	0.0
40	64QAM	1	1	21.37	21.46	21.40	21.7	0.0
40	256QAM	1	1	21.09	21.04	21.03	21.2	0.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.20	21.37	21.27	21.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.25	21.34	21.23	21.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.24	21.38	21.30	21.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.30	21.28	21.32	21.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.26	21.34	21.26	21.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.23	21.34	21.24	21.7	0.0

FR1 n38 Ant4 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	16.97	16.99	17.02		
40	PI/2 BPSK	1	53	17.03	17.06	16.97	17.2	0.0
40	PI/2 BPSK	1	104	17.00	17.05	17.03		
40	PI/2 BPSK	50	0	17.01	17.08	17.01	17.2	0.0
40	PI/2 BPSK	50	28	16.98	17.09	16.98	17.2	0.0
40	PI/2 BPSK	50	56	16.97	17.02	16.96	17.2	0.0
40	PI/2 BPSK	100	0	17.03	17.04	17.01		
40	QPSK	1	1	17.12	17.15	17.07		
40	QPSK	1	53	17.08	17.02	16.98	17.2	0.0
40	QPSK	1	104	17.00	17.05	16.96		
40	QPSK	50	0	17.05	17.10	16.99		
40	QPSK	50	28	17.01	17.13	17.00	17.2	0.0
40	QPSK	50	56	16.99	17.03	16.93		
40	QPSK	100	0	16.99	17.10	16.94	17.2	0.0
40	16QAM	1	1	17.07	17.06	16.99	17.2	0.0
40	64QAM	1	1	17.07	17.01	16.98	17.2	0.0
40	256QAM	1	1	17.07	17.00	16.98	17.2	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	17.07	17.06	16.98	17.2	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	17.05	17.09	17.00	17.2	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.98	17.06	16.96	17.2	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	17.07	17.03	17.03	17.2	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1				17.2	0.0

PC3 FR1 n41 Ant4 ECI1

BW [MHz]	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	16.21	16.26	16.16		
100	PI/2 BPSK	1	137	16.16	16.28	16.20	17.0	0.0
100	PI/2 BPSK	1	271	16.20	16.22	16.22		
100	PI/2 BPSK	135	0	16.22	16.20	16.26	17.0	0.0
100	PI/2 BPSK	135	69	16.15	16.20	16.19	17.0	0.0
100	PI/2 BPSK	135	138	16.19	16.27	16.16	17.0	0.0
100	PI/2 BPSK	270	0	16.16	16.27	16.27		
100	QPSK	1	1	16.13	16.33	16.27		
100	QPSK	1	137	16.19	16.29	16.21	17.0	0.0
100	QPSK	1	271	16.22	16.25	16.25		
100	QPSK	135	0	16.23	16.21	16.25		
100	QPSK	135	69	16.22	16.28	16.21	17.0	0.0
100	QPSK	135	138	16.23	16.20	16.17		
100	QPSK	270	0	16.13	16.24	16.18	17.0	0.0
100	16QAM	1	1	16.18	16.21	16.19	17.0	0.0
100	64QAM	1	1	16.14	16.24	16.20	17.0	0.0
100	256QAM	1	1	16.13	16.30	16.17	17.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.02	16.16	16.06	17.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	16.04	16.20	16.14	17.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.08	16.19	16.10	17.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.06	16.12	16.16	17.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.08	16.11	16.07	17.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.06	16.11	16.09	17.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.04	16.20	16.10	17.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.13	16.15	16.14	17.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.13	16.11	16.10	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.21	19.21	19.11		
100	PI/2 BPSK	1	137	19.14	19.33	19.19	20.0	0.0
100	PI/2 BPSK	1	271	19.24	19.25	19.16		
100	PI/2 BPSK	135	0	19.18	19.24	19.32	20.0	0.0
100	PI/2 BPSK	135	69	19.18	19.22	19.22	20.0	0.0
100	PI/2 BPSK	135	138	19.19	19.31	19.21	20.0	0.0
100	PI/2 BPSK	270	0	19.15	19.30	19.27		
100	QPSK	1	1	19.15	19.39	19.30		
100	QPSK	1	137	19.22	19.26	19.18	20.0	0.0
100	QPSK	1	271	19.27	19.28	19.29		
100	QPSK	135	0	19.22	19.16	19.20		
100	QPSK	135	69	19.25	19.32	19.22	20.0	0.0
100	QPSK	135	138	19.20	19.16	19.14		
100	QPSK	270	0	19.11	19.28	19.22	20.0	0.0
100	16QAM	1	1	19.20	19.23	19.20	20.0	0.0
100	64QAM	1	1	19.13	19.28	19.25	20.0	0.0
100	256QAM	1	1	19.17	19.25	19.12	20.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.06	19.17	19.05	20.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.09	19.19	19.05	20.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.08	19.20	19.03	20.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.08	19.18	19.09	20.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.05	19.17	19.01	20.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.14	19.20	19.10	20.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.12	19.13	19.06	20.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.15	19.12	19.07	20.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.09	19.11	19.01	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.93	18.93	18.92	20.0	0.0
20	PI/2 BPSK	1	53	18.87	19.01	18.92		
20	PI/2 BPSK	1	104	18.88	18.91	18.86		
20	PI/2 BPSK	50	0	18.93	19.01	18.90	20.0	0.0
20	PI/2 BPSK	50	28	18.82	18.96	18.86	20.0	0.0
20	PI/2 BPSK	50	56	18.87	18.91	18.95	20.0	0.0
20	PI/2 BPSK	100	0	18.87	18.94	18.95		
20	QPSK	1	1	18.85	19.05	18.86	20.0	0.0
20	QPSK	1	53	18.92	19.00	18.86		
20	QPSK	1	104	18.87	18.91	18.88		
20	QPSK	50	0	18.90	19.00	18.90	20.0	0.0
20	QPSK	50	28	18.87	19.03	18.92	20.0	0.0
20	QPSK	50	56	18.88	18.93	18.87	20.0	0.0
20	QPSK	100	0	18.84	18.93	18.84		
20	16QAM	1	1	18.86	18.93	18.84	20.0	0.0
20	64QAM	1	1	18.83	18.99	18.85	20.0	0.0
20	256QAM	1	1	18.48	18.48	18.43	19.5	0.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.81	18.83	18.76	20.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.84	18.81	18.77	20.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.82	18.81	18.74	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.48	18.62	18.62	20.0	0.0
50	PI/2 BPSK	1	135	18.50	18.64	18.58		
50	PI/2 BPSK	1	268	18.56	18.56	18.56		
50	PI/2 BPSK	135	0	18.56	18.59	18.61	20.0	0.0
50	PI/2 BPSK	135	68	18.50	18.62	18.62	20.0	0.0
50	PI/2 BPSK	135	135	18.47	18.62	18.54	20.0	0.0
50	PI/2 BPSK	270	0	18.50	18.62	18.55		
50	QPSK	1	1	18.51	18.69	18.57	20.0	0.0
50	QPSK	1	135	18.49	18.61	18.53		
50	QPSK	1	268	18.51	18.62	18.61		
50	QPSK	135	0	18.55	18.66	18.52	20.0	0.0
50	QPSK	135	68	18.47	18.67	18.63	20.0	0.0
50	QPSK	135	135	18.57	18.62	18.62	20.0	0.0
50	QPSK	270	0	18.50	18.56	18.54		
50	16QAM	1	1	18.51	18.62	18.62	20.0	0.0
50	64QAM	1	1	18.55	18.67	18.62	20.0	0.0
50	256QAM	1	1	18.08	18.08	18.01	19.5	0.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.47	18.48	18.44	20.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.44	18.50	18.48	20.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.36	18.50	18.47	20.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.38	18.48	18.47	20.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.36	18.50	18.43	20.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.39	18.49	18.43	20.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.48	18.48	18.42	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.90	19.93	19.86	21.0	0.0
40	PI/2 BPSK	1	108	19.89	19.95	19.88		
40	PI/2 BPSK	1	214	19.92	19.96	19.89		
40	PI/2 BPSK	108	0	19.91	19.90	19.87	21.0	0.0
40	PI/2 BPSK	108	54	19.91	19.96	19.82	21.0	0.0
40	PI/2 BPSK	108	108	19.84	19.95	19.91	21.0	0.0
40	PI/2 BPSK	216	0	19.86	19.89	19.82		
40	QPSK	1	1	19.86	20.05	19.88	21.0	0.0
40	QPSK	1	108	19.91	19.99	19.83		
40	QPSK	1	214	19.87	19.91	19.89		
40	QPSK	108	0	19.84	19.92	19.80	21.0	0.0
40	QPSK	108	54	19.84	20.00	19.85	21.0	0.0
40	QPSK	108	108	19.88	19.89	19.91	21.0	0.0
40	QPSK	216	0	19.92	19.96	19.81		
40	16QAM	1	1	19.87	19.97	19.81	21.0	0.0
40	64QAM	1	1	19.86	19.90	19.81	21.0	0.0
40	256QAM	1	1	18.85	18.93	18.82	20.0	1.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.79	19.89	19.78	21.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.80	19.87	19.74	21.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.84	19.86	19.69	21.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.79	19.82	19.75	21.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.76	19.90	19.74	21.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.81	19.87	19.77	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	19.32	19.40	19.37		
40	PI/2 BPSK	1	53	19.32	19.41	19.42	20.5	0.0
40	PI/2 BPSK	1	104	19.31	19.45	19.39		
40	PI/2 BPSK	50	0	19.38	19.44	19.31	20.5	0.0
40	PI/2 BPSK	50	28	19.37	19.41	19.42	20.5	0.0
40	PI/2 BPSK	50	56	19.32	19.42	19.37	20.5	0.0
40	PI/2 BPSK	100	0	19.39	19.51	19.34		
40	QPSK	1	1	19.33	19.53	19.33		
40	QPSK	1	53	19.40	19.48	19.32	20.5	0.0
40	QPSK	1	104	19.36	19.49	19.34		
40	QPSK	50	0	19.32	19.50	19.32		
40	QPSK	50	28	19.39	19.51	19.38	20.5	0.0
40	QPSK	50	56	19.35	19.41	19.38		
40	QPSK	100	0	19.40	19.41	19.35	20.5	0.0
40	16QAM	1	1	19.31	19.51	19.41	20.5	0.0
40	64QAM	1	1	19.33	19.49	19.33	20.5	0.0
40	256QAM	1	1	18.35	18.46	18.32	19.5	1.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	19.21	19.30	19.22	20.5	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	19.29	19.38	19.28	20.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.25	19.30	19.32	20.5	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	19.24	19.40	19.25	20.5	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	19.25	19.40	19.26	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.90	17.04	16.82		
100	PI/2 BPSK	1	137	16.86	16.96	16.92	18.5	0.0
100	PI/2 BPSK	1	271	16.94	17.00	16.93		
100	PI/2 BPSK	135	0	16.87	17.02	16.82	18.5	0.0
100	PI/2 BPSK	135	69	16.87	17.02	16.86	18.5	0.0
100	PI/2 BPSK	135	138	16.90	17.04	16.86	18.5	0.0
100	PI/2 BPSK	270	0	16.93	17.04	16.84		
100	QPSK	1	1	16.97	17.07	16.88		
100	QPSK	1	137	16.92	16.96	16.94	18.5	0.0
100	QPSK	1	271	16.94	17.05	16.90		
100	QPSK	135	0	16.89	17.04	16.87		
100	QPSK	135	69	16.88	17.05	16.91	18.5	0.0
100	QPSK	135	138	16.96	16.95	16.86		
100	QPSK	270	0	16.91	17.00	16.92	18.5	0.0
100	16QAM	1	1	16.97	16.98	16.85	18.5	0.0
100	64QAM	1	1	16.91	16.99	16.90	18.5	0.0
100	256QAM	1	1	16.37	16.48	16.52	18.0	0.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.77	16.91	16.79	18.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	16.87	16.89	16.84	18.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.87	16.96	16.80	18.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.85	16.95	16.81	18.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.79	16.89	16.78	18.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.77	16.88	16.83	18.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.87	16.86	16.74	18.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.81	16.94	16.78	18.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.76	16.92	16.81	18.5	0.0

PC2 FR1 n41 Ant5 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.93	20.07	19.78		
100	PI/2 BPSK	1	137	19.86	20.00	19.89	21.5	0.0
100	PI/2 BPSK	1	271	19.92	20.06	19.92		
100	PI/2 BPSK	135	0	19.87	19.96	19.77	21.5	0.0
100	PI/2 BPSK	135	69	19.86	19.97	19.87	21.5	0.0
100	PI/2 BPSK	135	138	19.94	20.07	19.87	21.5	0.0
100	PI/2 BPSK	270	0	19.89	20.08	19.83		
100	QPSK	1	1	19.92	20.10	19.89		
100	QPSK	1	137	19.88	19.95	19.95	21.5	0.0
100	QPSK	1	271	19.98	20.05	19.85		
100	QPSK	135	0	19.93	19.99	19.83		
100	QPSK	135	69	19.92	20.02	19.92	21.5	0.0
100	QPSK	135	138	19.95	19.94	19.89		
100	QPSK	270	0	19.95	20.00	19.94	21.5	0.0
100	16QAM	1	1	19.97	19.95	19.81	21.5	0.0
100	64QAM	1	1	19.94	20.05	19.93	21.5	0.0
100	256QAM	1	1	18.85	18.81	18.88	20.5	1.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.86	19.93	19.74	21.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.74	19.97	19.78	21.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.80	19.99	19.78	21.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.84	19.89	19.71	21.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.85	19.94	19.73	21.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.85	19.94	19.73	21.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.80	19.95	19.67	21.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.84	19.92	19.67	21.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.81	19.93	19.68	21.5	0.0

FR1 n48 Ant6 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.38	15.41	15.42		
40	PI/2 BPSK	1	53	15.39	15.41	15.44	15.7	0.0
40	PI/2 BPSK	1	104	15.44	15.40	15.41		
40	PI/2 BPSK	50	0	15.43	15.48	15.48	15.7	0.0
40	PI/2 BPSK	50	28	15.41	15.41	15.42	15.7	0.0
40	PI/2 BPSK	50	56	15.36	15.48	15.44		
40	PI/2 BPSK	100	0	15.40	15.49	15.48	15.7	0.0
40	QPSK	1	1	15.38	15.52	15.46		
40	QPSK	1	53	15.42	15.43	15.48	15.7	0.0
40	QPSK	1	104	15.35	15.49	15.45		
40	QPSK	50	0	15.41	15.48	15.42		
40	QPSK	50	28	15.38	15.49	15.43	15.7	0.0
40	QPSK	50	56	15.35	15.45	15.48		
40	QPSK	100	0	15.40	15.45	15.43	15.7	0.0
40	16QAM	1	1	15.37	15.50	15.39	15.7	0.0
40	64QAM	1	1	15.40	15.47	15.49	15.7	0.0
40	256QAM	1	1	15.43	15.41	15.43	15.7	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.32	15.31	15.38	15.7	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.30	15.39	15.35	15.7	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	15.34	15.29	15.37	15.7	0.0

PC3 FR1 n77 PartO Ant6 ECI1

BW [MHz]	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	15.78	15.86	15.72		
100	PI/2 BPSK	1	137	15.73	15.83	15.73	17.0	0.0
100	PI/2 BPSK	1	271	15.68	15.75	15.80		
100	PI/2 BPSK	135	0	15.67	15.80	15.84	17.0	0.0
100	PI/2 BPSK	135	69	15.75	15.84	15.72	17.0	0.0
100	PI/2 BPSK	135	138	15.66	15.85	15.84		
100	PI/2 BPSK	270	0	15.72	15.83	15.74	17.0	0.0
100	QPSK	1	1	15.73	15.88	15.78		
100	QPSK	1	137	15.73	15.79	15.76	17.0	0.0
100	QPSK	1	271	15.68	15.76	15.84		
100	QPSK	135	0	15.74	15.79	15.76		
100	QPSK	135	69	15.76	15.83	15.78	17.0	0.0
100	QPSK	135	138	15.76	15.78	15.82		
100	QPSK	270	0	15.72	15.81	15.78	17.0	0.0
100	16QAM	1	1	15.70	15.85	15.76	17.0	0.0
100	64QAM	1	1	15.69	15.83	15.76	17.0	0.0
100	256QAM	1	1	15.78	15.77	15.82	17.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.63	15.66	15.68	17.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.63	15.73	15.70	17.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.66	15.72	15.69	17.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.62	15.65	15.70	17.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.57	15.74	15.65	17.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.60	15.68	15.67	17.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	15.60	15.64	15.71	17.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	15.60	15.71	15.69	17.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.61	15.74	15.69	17.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.57	15.64	15.70	17.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.61	15.75	15.63	17.0	0.0

PC2 FR1 n77 PartO Ant6 ECI1

BW [MHz]	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	18.83	18.92	18.74		
100	PI/2 BPSK	1	137	18.76	18.83	18.68	20.0	0.0
100	PI/2 BPSK	1	271	18.62	18.78	18.82		
100	PI/2 BPSK	135	0	18.62	18.76	18.87	20.0	0.0
100	PI/2 BPSK	135	69	18.80	18.85	18.66	20.0	0.0
100	PI/2 BPSK	135	138	18.66	18.83	18.86		
100	PI/2 BPSK	270	0	18.78	18.87	18.76	20.0	0.0
100	QPSK	1	1	18.71	18.95	18.82		
100	QPSK	1	137	18.68	18.79	18.74	20.0	0.0
100	QPSK	1	271	18.66	18.73	18.78		
100	QPSK	135	0	18.70	18.81	18.78		
100	QPSK	135	69	18.81	18.85	18.77	20.0	0.0
100	QPSK	135	138	18.78	18.78	18.80		
100	QPSK	270	0	18.78	18.79	18.78	20.0	0.0
100	16QAM	1	1	18.68	18.81	18.76	20.0	0.0
100	64QAM	1	1	18.68	18.85	18.80	20.0	0.0
100	256QAM	1	1	18.78	18.76	18.85	20.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.67	18.80	18.59	20.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.70	18.76	18.59	20.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.62	18.71	18.63	20.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.63	18.78	18.60	20.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.64	18.71	18.66	20.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.68	18.73	18.56	20.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	18.71	18.75	18.58	20.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	18.66	18.77	18.62	20.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.67	18.81	18.67	20.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.62	18.73	18.67	20.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.72	18.71	18.59	20.0	0.0

PC3 FR1 n77 PartQ Ant6 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		16.00			
100	PI/2 BPSK	1	137		16.06		17.0	0.0
100	PI/2 BPSK	1	271		16.07			
100	PI/2 BPSK	135	0		16.05		17.0	0.0
100	PI/2 BPSK	135	69		16.05		17.0	0.0
100	PI/2 BPSK	135	138		16.09		17.0	0.0
100	PI/2 BPSK	270	0		16.01			
100	QPSK	1	1		16.13			
100	QPSK	1	137		16.10		17.0	0.0
100	QPSK	1	271		16.00			
100	QPSK	135	0		16.06			
100	QPSK	135	69		16.10		17.0	0.0
100	QPSK	135	138		16.01			
100	QPSK	270	0		15.99		17.0	0.0
100	16QAM	1	1		16.05		17.0	0.0
100	64QAM	1	1		16.02		17.0	0.0
100	256QAM	1	1		16.01		17.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	15.89	15.95	16.00	17.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	16.00	15.99	15.97	17.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	15.92	15.94	15.95	17.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	15.98	15.96	15.98	17.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	15.90	15.98	15.99	17.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	15.99	15.94	15.94	17.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	15.98	15.95	15.97	17.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	15.91	15.90	15.89	17.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	15.91	15.90	15.92	17.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	15.96	16.01	15.98	17.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	15.99	16.00	15.92	17.0	0.0

PC2 FR1 n77 PartQ Ant6 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		18.97			
100	PI/2 BPSK	1	137		19.11		20.0	0.0
100	PI/2 BPSK	1	271		19.06			
100	PI/2 BPSK	135	0		19.08		20.0	0.0
100	PI/2 BPSK	135	69		19.03		20.0	0.0
100	PI/2 BPSK	135	138		19.07		20.0	0.0
100	PI/2 BPSK	270	0		18.96			
100	QPSK	1	1		19.15			
100	QPSK	1	137		19.11		20.0	0.0
100	QPSK	1	271		18.98			
100	QPSK	135	0		19.11			
100	QPSK	135	69		19.13		20.0	0.0
100	QPSK	135	138		19.04			
100	QPSK	270	0		19.03		20.0	0.0
100	16QAM	1	1		19.10		20.0	0.0
100	64QAM	1	1		19.03		20.0	0.0
100	256QAM	1	1		19.00		20.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	18.95	18.94	18.98	20.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	18.91	18.92	18.99	20.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	19.00	18.95	18.98	20.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	19.00	18.98	18.94	20.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	19.01	18.92	19.01	20.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	19.01	18.91	18.96	20.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	18.91	18.97	18.97	20.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	18.92	18.99	19.01	20.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	19.01	19.02	18.97	20.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	19.01	18.98	18.99	20.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	19.02	18.96	18.98	20.0	0.0

PC3 FR1 n78 PartO Ant6 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		14.37			
100	PI/2 BPSK	1	137		14.48		15.0	0.0
100	PI/2 BPSK	1	271		14.46			
100	PI/2 BPSK	135	0		14.37		15.0	0.0
100	PI/2 BPSK	135	69		14.39		15.0	0.0
100	PI/2 BPSK	135	138		14.47		15.0	0.0
100	PI/2 BPSK	270	0		14.38			
100	QPSK	1	1		14.51			
100	QPSK	1	137		14.46		15.0	0.0
100	QPSK	1	271		14.37			
100	QPSK	135	0		14.38			
100	QPSK	135	69		14.45		15.0	0.0
100	QPSK	135	138		14.38			
100	QPSK	270	0		14.47		15.0	0.0
100	16QAM	1	1		14.47		15.0	0.0
100	64QAM	1	1		14.41		15.0	0.0
100	256QAM	1	1		14.37		15.0	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	14.27	14.28	14.22	15.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	14.25	14.24	14.28	15.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	14.28	14.29	14.29	15.0	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	14.22	14.29	14.31	15.0	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	14.28	14.32	14.27	15.0	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	14.27	14.29	14.32	15.0	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	14.26	14.23	14.23	15.0	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	14.33	14.29	14.23	15.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	14.28	14.26	14.31	15.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	14.30	14.25	14.31	15.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	14.34	14.27	14.25	15.0	0.0

PC2 FR1 n78 PartO Ant6 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		17.36			
100	PI/2 BPSK	1	137		17.46		18.0	0.0
100	PI/2 BPSK	1	271		17.41			
100	PI/2 BPSK	135	0		17.31		18.0	0.0
100	PI/2 BPSK	135	69		17.41		18.0	0.0
100	PI/2 BPSK	135	138		17.44		18.0	0.0
100	PI/2 BPSK	270	0		17.33			
100	QPSK	1	1		17.50			
100	QPSK	1	137		17.43		18.0	0.0
100	QPSK	1	271		17.35			
100	QPSK	135	0		17.39			
100	QPSK	135	69		17.45		18.0	0.0
100	QPSK	135	138		17.35			
100	QPSK	270	0		17.43		18.0	0.0
100	16QAM	1	1		17.41		18.0	0.0
100	64QAM	1	1		17.43		18.0	0.0
100	256QAM	1	1		17.37		18.0	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	17.35	17.37	17.41	18.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	17.46	17.45	17.46	18.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	17.35	17.41	17.45	18.0	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	17.42	17.39	17.38	18.0	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	17.38	17.41	17.36	18.0	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	17.41	17.36	17.44	18.0	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	17.43	17.45	17.41	18.0	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	17.38	17.37	17.37	18.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	17.40	17.41	17.38	18.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	17.37	17.36	17.43	18.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	17.36	17.45	17.43	18.0	0.0

PC3 FR1 n78 PartQ Ant6 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		14.51			
100	PI/2 BPSK	1	137		14.55		15.0	0.0
100	PI/2 BPSK	1	271		14.57			
100	PI/2 BPSK	135	0		14.46		15.0	0.0
100	PI/2 BPSK	135	69		14.47		15.0	0.0
100	PI/2 BPSK	135	138		14.48		15.0	0.0
100	PI/2 BPSK	270	0		14.47			
100	QPSK	1	1		14.58			
100	QPSK	1	137		14.52		15.0	0.0
100	QPSK	1	271		14.48			
100	QPSK	135	0		14.54			
100	QPSK	135	69		14.56		15.0	0.0
100	QPSK	135	138		14.53			
100	QPSK	270	0		14.55		15.0	0.0
100	16QAM	1	1		14.45		15.0	0.0
100	64QAM	1	1		14.50		15.0	0.0
100	256QAM	1	1		14.47		15.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	14.41	14.43	14.37	15.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	14.37	14.44	14.33	15.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	14.35	14.42	14.34	15.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	14.34	14.33	14.38	15.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	14.40	14.40	14.43	15.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	14.32	14.37	14.36	15.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	14.40	14.37	14.43	15.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	14.33	14.35	14.42	15.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	14.41	14.42	14.44	15.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	14.44	14.41	14.39	15.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	14.34	14.35	14.35	15.0	0.0

PC2 FR1 n78 PartQ Ant6 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		17.53			
100	PI/2 BPSK	1	137		17.57		18.0	0.0
100	PI/2 BPSK	1	271		17.59			
100	PI/2 BPSK	135	0		17.50		18.0	0.0
100	PI/2 BPSK	135	69		17.47		18.0	0.0
100	PI/2 BPSK	135	138		17.42		18.0	0.0
100	PI/2 BPSK	270	0		17.48			
100	QPSK	1	1		17.61			
100	QPSK	1	137		17.54		18.0	0.0
100	QPSK	1	271		17.46			
100	QPSK	135	0		17.49			
100	QPSK	135	69		17.58		18.0	0.0
100	QPSK	135	138		17.54			
100	QPSK	270	0		17.50		18.0	0.0
100	16QAM	1	1		17.51		18.0	0.0
100	64QAM	1	1		17.46		18.0	0.0
100	256QAM	1	1		17.46		18.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	17.46	17.44	17.43	18.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	17.42	17.42	17.42	18.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	17.52	17.53	17.51	18.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	17.45	17.53	17.51	18.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	17.50	17.51	17.42	18.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	17.46	17.41	17.46	18.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	17.51	17.47	17.47	18.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	17.45	17.52	17.45	18.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	17.50	17.47	17.50	18.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	17.45	17.42	17.41	18.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	17.47	17.45	17.50	18.0	0.0

FR1 n48 Ant7 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.47	15.49	15.47		
40	PI/2 BPSK	1	53	15.43	15.59	15.44	16.5	0.0
40	PI/2 BPSK	1	104	15.40	15.51	15.52		
40	PI/2 BPSK	50	0	15.44	15.50	15.51	16.5	0.0
40	PI/2 BPSK	50	28	15.47	15.59	15.47	16.5	0.0
40	PI/2 BPSK	50	56	15.43	15.57	15.54	16.5	0.0
40	PI/2 BPSK	100	0	15.40	15.49	15.44		
40	QPSK	1	1	15.48	15.61	15.45		
40	QPSK	1	53	15.42	15.59	15.50	16.5	0.0
40	QPSK	1	104	15.47	15.51	15.51		
40	QPSK	50	0	15.45	15.54	15.55		
40	QPSK	50	28	15.42	15.58	15.45	16.5	0.0
40	QPSK	50	56	15.47	15.53	15.46		
40	QPSK	100	0	15.46	15.56	15.50	16.5	0.0
40	16QAM	1	1	15.50	15.57	15.51	16.5	0.0
40	64QAM	1	1	15.40	15.51	15.53	16.5	0.0
40	256QAM	1	1	15.48	15.54	15.54	16.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.31	15.43	15.45	16.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.37	15.48	15.35	16.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	15.40	15.44	15.39	16.5	0.0

PC3 FR1 n77 PartO Ant7 ECI1

BW [MHz]	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	14.80	14.82	14.74		
100	PI/2 BPSK	1	137	14.83	14.84	14.79	16.5	0.0
100	PI/2 BPSK	1	271	14.79	14.85	14.78		
100	PI/2 BPSK	135	0	14.74	14.85	14.71	16.5	0.0
100	PI/2 BPSK	135	69	14.79	14.85	14.71	16.5	0.0
100	PI/2 BPSK	135	138	14.82	14.88	14.81	16.5	0.0
100	PI/2 BPSK	270	0	14.76	14.83	14.69		
100	QPSK	1	1	14.79	14.89	14.74		
100	QPSK	1	137	14.81	14.87	14.80	16.5	0.0
100	QPSK	1	271	14.79	14.86	14.80		
100	QPSK	135	0	14.75	14.82	14.74		
100	QPSK	135	69	14.81	14.87	14.74	16.5	0.0
100	QPSK	135	138	14.75	14.85	14.77		
100	QPSK	270	0	14.82	14.85	14.74	16.5	0.0
100	16QAM	1	1	14.80	14.78	14.74	16.5	0.0
100	64QAM	1	1	14.75	14.79	14.72	16.5	0.0
100	256QAM	1	1	14.75	14.77	14.71	16.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	14.69	14.74	14.65	16.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.66	14.71	14.67	16.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.66	14.72	14.64	16.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.67	14.79	14.65	16.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	14.68	14.79	14.63	16.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.67	14.70	14.64	16.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	14.64	14.74	14.67	16.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	14.69	14.75	14.71	16.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.61	14.73	14.60	16.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	14.69	14.72	14.70	16.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.73	14.79	14.60	16.5	0.0

PC2 FR1 n77 PartO Ant7 ECI1

BW [MHz]	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	17.80	17.80	17.71		
100	PI/2 BPSK	1	137	17.81	17.83	17.77	19.5	0.0
100	PI/2 BPSK	1	271	17.81	17.91	17.82		
100	PI/2 BPSK	135	0	17.74	17.89	17.74	19.5	0.0
100	PI/2 BPSK	135	69	17.85	17.90	17.74	19.5	0.0
100	PI/2 BPSK	135	138	17.84	17.90	17.83	19.5	0.0
100	PI/2 BPSK	270	0	17.77	17.82	17.71		
100	QPSK	1	1	17.75	17.95	17.79		
100	QPSK	1	137	17.82	17.82	17.78	19.5	0.0
100	QPSK	1	271	17.79	17.85	17.75		
100	QPSK	135	0	17.75	17.84	17.71		
100	QPSK	135	69	17.81	17.93	17.76	19.5	0.0
100	QPSK	135	138	17.76	17.90	17.76		
100	QPSK	270	0	17.86	17.91	17.80	19.5	0.0
100	16QAM	1	1	17.74	17.81	17.69	19.5	0.0
100	64QAM	1	1	17.69	17.76	17.69	19.5	0.0
100	256QAM	1	1	17.81	17.83	17.68	19.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.72	17.71	17.65	19.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.66	17.74	17.66	19.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.71	17.67	17.69	19.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.75	17.73	17.59	19.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.66	17.70	17.69	19.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.86	17.75	17.59	19.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	17.65	17.72	17.66	19.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	17.70	17.77	17.64	19.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.72	17.69	17.59	19.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.68	17.66	17.67	19.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.67	17.72	17.61	19.5	0.0

PC3 FR1 n77 PartQ Ant7 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		15.24			
100	PI/2 BPSK	1	137		15.22		16.5	0.0
100	PI/2 BPSK	1	271		15.22			
100	PI/2 BPSK	135	0		15.23		16.5	0.0
100	PI/2 BPSK	135	69		15.32		16.5	0.0
100	PI/2 BPSK	135	138		15.30		16.5	0.0
100	PI/2 BPSK	270	0		15.25			
100	QPSK	1	1		15.35			
100	QPSK	1	137		15.33		16.5	0.0
100	QPSK	1	271		15.28			
100	QPSK	135	0		15.28			
100	QPSK	135	69		15.29		16.5	0.0
100	QPSK	135	138		15.24			
100	QPSK	270	0		15.25		16.5	0.0
100	16QAM	1	1		15.26		16.5	0.0
100	64QAM	1	1		15.23		16.5	0.0
100	256QAM	1	1		15.26		16.5	0.0
	Channel			633000	633332	633666	Tune-	MPR
	Frequency (MHz)			3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	15.17	15.20	15.08	16.5	0.0
	Channel			632668	633332	634000	Tune-	MPR
	Frequency (MHz)			3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	15.15	15.19	15.09	16.5	0.0
	Channel			632334	633332	634332	Tune-	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	15.15	15.14	15.14	16.5	0.0
	Channel			632000	633332	634666	Tune-	MPR
	Frequency (MHz)			3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	15.19	15.20	15.16	16.5	0.0
	Channel			631668	633332	635000	Tune-	MPR
	Frequency (MHz)			3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	15.09	15.10	15.19	16.5	0.0
	Channel			631334	633332	635332	Tune-	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	14.94	15.04	15.15	16.5	0.0
	Channel			631000	633332	635666	Tune-	MPR
	Frequency (MHz)			3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	14.94	14.99	15.14	16.5	0.0
	Channel			630834	633332	635832	Tune-	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	14.95	15.00	15.08	16.5	0.0
	Channel			630668	633332	636000	Tune-	MPR
	Frequency (MHz)			3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	14.94	14.96	15.06	16.5	0.0
	Channel			630500	633332	636166	Tune-	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	14.99	14.95	15.10	16.5	0.0
	Channel			630334	633332	636332	Tune-	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	14.97	15.05	15.07	16.5	0.0

PC2 FR1 n77 PartQ Ant7 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		18.30			
100	PI/2 BPSK	1	137		18.17		19.5	0.0
100	PI/2 BPSK	1	271		18.20			
100	PI/2 BPSK	135	0		18.28		19.5	0.0
100	PI/2 BPSK	135	69		18.28		19.5	0.0
100	PI/2 BPSK	135	138		18.28		19.5	0.0
100	PI/2 BPSK	270	0		18.24			
100	QPSK	1	1		18.35			
100	QPSK	1	137		18.32		19.5	0.0
100	QPSK	1	271		18.30			
100	QPSK	135	0		18.30			
100	QPSK	135	69		18.33		19.5	0.0
100	QPSK	135	138		18.21			
100	QPSK	270	0		18.20		19.5	0.0
100	16QAM	1	1		18.22		19.5	0.0
100	64QAM	1	1		18.22		19.5	0.0
100	256QAM	1	1		18.25		19.5	0.0
	Channel			633000	633332	633666	Tune-	MPR
	Frequency (MHz)			3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	18.25	18.24	18.19	19.5	0.0
	Channel			632668	633332	634000	Tune-	MPR
	Frequency (MHz)			3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	18.25	18.28	18.20	19.5	0.0
	Channel			632334	633332	634332	Tune-	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	18.25	18.23	18.17	19.5	0.0
	Channel			632000	633332	634666	Tune-	MPR
	Frequency (MHz)			3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	18.26	18.26	18.20	19.5	0.0
	Channel			631668	633332	635000	Tune-	MPR
	Frequency (MHz)			3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	18.18	18.25	18.25	19.5	0.0
	Channel			631334	633332	635332	Tune-	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	18.24	18.27	18.24	19.5	0.0
	Channel			631000	633332	635666	Tune-	MPR
	Frequency (MHz)			3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	18.20	18.18	18.28	19.5	0.0
	Channel			630834	633332	635832	Tune-	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	18.27	18.20	18.25	19.5	0.0
	Channel			630668	633332	636000	Tune-	MPR
	Frequency (MHz)			3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	18.17	18.24	18.19	19.5	0.0
	Channel			630500	633332	636166	Tune-	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	18.20	18.26	18.25	19.5	0.0
	Channel			630334	633332	636332	Tune-	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	18.24	18.21	18.25	19.5	0.0

PC3 FR1 n78 PartO Ant7 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		14.42			
100	PI/2 BPSK	1	137		14.37		15.5	0.0
100	PI/2 BPSK	1	271		14.43			
100	PI/2 BPSK	135	0		14.45		15.5	0.0
100	PI/2 BPSK	135	69		14.41		15.5	0.0
100	PI/2 BPSK	135	138		14.38		15.5	0.0
100	PI/2 BPSK	270	0		14.37			
100	QPSK	1	1		14.51			
100	QPSK	1	137		14.43		15.5	0.0
100	QPSK	1	271		14.43			
100	QPSK	135	0		14.39			
100	QPSK	135	69		14.42		15.5	0.0
100	QPSK	135	138		14.35			
100	QPSK	270	0		14.38		15.5	0.0
100	16QAM	1	1		14.38		15.5	0.0
100	64QAM	1	1		14.41		15.5	0.0
100	256QAM	1	1		14.40		15.5	0.0
	Channel			649668	650000	650332	Tune-	MPR
	Frequency (MHz)			3745.02	3750	3754.98	up limit	(dB)
90	QPSK	1	1	14.35	14.37	14.28	15.5	0.0
	Channel			649334	650000	650666	Tune-	MPR
	Frequency (MHz)			3740.01	3750	3759.99	up limit	(dB)
80	QPSK	1	1	14.38	14.30	14.29	15.5	0.0
	Channel			649000	650000	651000	Tune-	MPR
	Frequency (MHz)			3735	3750	3765	up limit	(dB)
70	QPSK	1	1	14.36	14.35	14.36	15.5	0.0
	Channel			648668	650000	651332	Tune-	MPR
	Frequency (MHz)			3730.02	3750	3769.98	up limit	(dB)
60	QPSK	1	1	14.27	14.32	14.37	15.5	0.0
	Channel			648334	650000	651666	Tune-	MPR
	Frequency (MHz)			3725.01	3750	3774.99	up limit	(dB)
50	QPSK	1	1	14.35	14.38	14.32	15.5	0.0
	Channel			648000	650000	652000	Tune-	MPR
	Frequency (MHz)			3720	3750	3780	up limit	(dB)
40	QPSK	1	1	14.33	14.37	14.28	15.5	0.0
	Channel			647668	650000	652332	Tune-	MPR
	Frequency (MHz)			3715.02	3750.00	3784.98	up limit	(dB)
30	QPSK	1	1	14.28	14.38	14.28	15.5	0.0
	Channel			647500	650000	652500	Tune-	MPR
	Frequency (MHz)			3712.5	3750.00	3787.50	up limit	(dB)
25	QPSK	1	1	14.35	14.36	14.36	15.5	0.0
	Channel			647334	650000	652666	Tune-	MPR
	Frequency (MHz)			3710.01	3750	3789.99	up limit	(dB)
20	QPSK	1	1	14.30	14.33	14.35	15.5	0.0
	Channel			647168	650000	652832	Tune-	MPR
	Frequency (MHz)			3707.52	3750	3792.48	up limit	(dB)
15	QPSK	1	1	14.36	14.30	14.27	15.5	0.0
	Channel			647000	650000	653000	Tune-	MPR
	Frequency (MHz)			3705	3750	3795	up limit	(dB)
10	QPSK	1	1	14.38	14.39	14.37	15.5	0.0

PC2 FR1 n78 PartO Ant7 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		17.39			
100	PI/2 BPSK	1	137		17.34		18.5	0.0
100	PI/2 BPSK	1	271		17.48			
100	PI/2 BPSK	135	0		17.46		18.5	0.0
100	PI/2 BPSK	135	69		17.35		18.5	0.0
100	PI/2 BPSK	135	138		17.34		18.5	0.0
100	PI/2 BPSK	270	0		17.39			
100	QPSK	1	1		17.51			
100	QPSK	1	137		17.45		18.5	0.0
100	QPSK	1	271		17.46			
100	QPSK	135	0		17.35			
100	QPSK	135	69		17.40		18.5	0.0
100	QPSK	135	138		17.38			
100	QPSK	270	0		17.39		18.5	0.0
100	16QAM	1	1		17.43		18.5	0.0
100	64QAM	1	1		17.39		18.5	0.0
100	256QAM	1	1		17.43		18.5	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	17.34	17.39	17.40	18.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	17.34	17.32	17.35	18.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	17.33	17.41	17.37	18.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	17.40	17.39	17.35	18.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	17.31	17.37	17.35	18.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	17.38	17.38	17.34	18.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	17.39	17.30	17.33	18.5	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	17.37	17.39	17.33	18.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	17.40	17.37	17.40	18.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	17.39	17.37	17.30	18.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	17.33	17.40	17.37	18.5	0.0

PC3 FR1 n78 PartQ Ant7 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		14.87			
100	PI/2 BPSK	1	137		14.87		15.5	0.0
100	PI/2 BPSK	1	271		14.87			
100	PI/2 BPSK	135	0		14.82		15.5	0.0
100	PI/2 BPSK	135	69		14.83		15.5	0.0
100	PI/2 BPSK	135	138		14.84		15.5	0.0
100	PI/2 BPSK	270	0		14.85			
100	QPSK	1	1		14.89			
100	QPSK	1	137		14.82		15.5	0.0
100	QPSK	1	271		14.80			
100	QPSK	135	0		14.80			
100	QPSK	135	69		14.86		15.5	0.0
100	QPSK	135	138		14.85			
100	QPSK	270	0		14.80		15.5	0.0
100	16QAM	1	1		14.83		15.5	0.0
100	64QAM	1	1		14.79		15.5	0.0
100	256QAM	1	1		14.88		15.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	22.72	22.75	22.73	15.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	22.72	22.73	22.80	15.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	22.70	22.77	22.79	15.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	22.68	22.77	22.77	15.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	22.76	22.68	22.80	15.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	22.74	22.77	22.73	15.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	22.79	22.70	22.79	15.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	22.72	22.70	22.77	15.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	22.75	22.75	22.72	15.5	0.0
	Channel			630500	633332	636165	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	22.74	22.79	22.69	15.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	22.68	22.74	22.77	15.5	0.0

PC2 FR1 n78 PartQ Ant7 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		17.84			
100	PI/2 BPSK	1	137		17.91		18.5	0.0
100	PI/2 BPSK	1	271		17.89			
100	PI/2 BPSK	135	0		17.87		18.5	0.0
100	PI/2 BPSK	135	69		17.84		18.5	0.0
100	PI/2 BPSK	135	138		17.78		18.5	0.0
100	PI/2 BPSK	270	0		17.85			
100	QPSK	1	1		17.93			
100	QPSK	1	137		17.86		18.5	0.0
100	QPSK	1	271		17.84			
100	QPSK	135	0		17.81			
100	QPSK	135	69		17.92		18.5	0.0
100	QPSK	135	138		17.90			
100	QPSK	270	0		17.83		18.5	0.0
100	16QAM	1	1		17.80		18.5	0.0
100	64QAM	1	1		17.79		18.5	0.0
100	256QAM	1	1		17.91		18.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	17.87	17.84	17.79	18.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	17.83	17.87	17.86	18.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	17.86	17.79	17.77	18.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	17.78	17.86	17.85	18.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	17.76	17.78	17.77	18.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	17.87	17.87	17.81	18.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	17.85	17.81	17.83	18.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	17.77	17.83	17.87	18.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	17.88	17.79	17.85	18.5	0.0
	Channel			630500	633332	636165	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	17.86	17.87	17.87	18.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	17.80	17.81	17.78	18.5	0.0

FR1 n48 Ant8 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	14.57	14.62	14.59		
40	PI/2 BPSK	1	53	14.62	14.63	14.65	15.5	0.0
40	PI/2 BPSK	1	104	14.62	14.61	14.58		
40	PI/2 BPSK	50	0	14.61	14.68	14.58	15.5	0.0
40	PI/2 BPSK	50	28	14.61	14.72	14.61	15.5	0.0
40	PI/2 BPSK	50	56	14.61	14.70	14.62	15.5	0.0
40	PI/2 BPSK	100	0	14.68	14.64	14.61		
40	QPSK	1	1	14.60	14.75	14.59		
40	QPSK	1	53	14.67	14.62	14.63	15.5	0.0
40	QPSK	1	104	14.57	14.62	14.66		
40	QPSK	50	0	14.57	14.67	14.59		
40	QPSK	50	28	14.68	14.71	14.60	15.5	0.0
40	QPSK	50	56	14.62	14.68	14.69		
40	QPSK	100	0	14.61	14.65	14.58	15.5	0.0
40	16QAM	1	1	14.66	14.62	14.62	15.5	0.0
40	64QAM	1	1	14.61	14.68	14.63	15.5	0.0
40	256QAM	1	1	14.58	14.68	14.63	15.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	14.54	14.57	14.55	15.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	14.49	14.58	14.47	15.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.53	14.59	14.54	15.5	0.0

PC3 FR1 n77 PartO Ant8 ECI1

BW [MHz]	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	12.80	12.95	12.82		
100	PI/2 BPSK	1	137	12.88	12.89	12.80	14.5	0.0
100	PI/2 BPSK	1	271	12.89	12.96	12.78		
100	PI/2 BPSK	135	0	12.78	12.90	12.76	14.5	0.0
100	PI/2 BPSK	135	69	12.88	12.97	12.79	14.5	0.0
100	PI/2 BPSK	135	138	12.87	12.87	12.85	14.5	0.0
100	PI/2 BPSK	270	0	12.78	12.90	12.77		
100	QPSK	1	1	12.83	12.98	12.76		
100	QPSK	1	137	12.87	12.94	12.85	14.5	0.0
100	QPSK	1	271	12.81	12.92	12.78		
100	QPSK	135	0	12.79	12.87	12.81		
100	QPSK	135	69	12.87	12.90	12.82	14.5	0.0
100	QPSK	135	138	12.83	12.89	12.82		
100	QPSK	270	0	12.83	12.92	12.79	14.5	0.0
100	16QAM	1	1	12.84	12.88	12.82	14.5	0.0
100	64QAM	1	1	12.81	12.92	12.84	14.5	0.0
100	256QAM	1	1	12.89	12.88	12.78	14.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	12.79	12.79	12.73	14.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	12.77	12.85	12.70	14.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.69	12.84	12.77	14.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	12.72	12.80	12.76	14.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	12.73	12.87	12.76	14.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.74	12.81	12.67	14.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	12.74	12.85	12.74	14.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	12.79	12.81	12.65	14.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	12.79	12.81	12.73	14.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	12.72	12.81	12.69	14.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.79	12.87	12.67	14.5	0.0

PC2 FR1 n77 PartO Ant8 ECI1

BW [MHz]	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	15.77	15.96	15.78		
100	PI/2 BPSK	1	137	15.82	15.86	15.79	17.5	0.0
100	PI/2 BPSK	1	271	15.88	15.96	15.74		
100	PI/2 BPSK	135	0	15.83	15.89	15.75	17.5	0.0
100	PI/2 BPSK	135	69	15.84	15.92	15.78	17.5	0.0
100	PI/2 BPSK	135	138	15.86	15.90	15.82	17.5	0.0
100	PI/2 BPSK	270	0	15.77	15.92	15.73		
100	QPSK	1	1	15.77	15.99	15.71		
100	QPSK	1	137	15.89	15.88	15.90	17.5	0.0
100	QPSK	1	271	15.83	15.93	15.81		
100	QPSK	135	0	15.78	15.90	15.77		
100	QPSK	135	69	15.89	15.94	15.86	17.5	0.0
100	QPSK	135	138	15.85	15.88	15.85		
100	QPSK	270	0	15.83	15.96	15.81	17.5	0.0
100	16QAM	1	1	15.80	15.90	15.79	17.5	0.0
100	64QAM	1	1	15.86	15.97	15.89	17.5	0.0
100	256QAM	1	1	15.95	15.85	15.81	17.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.70	15.82	15.67	17.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.71	15.79	15.73	17.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.66	15.89	15.70	17.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.65	15.91	15.67	17.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.75	15.87	15.68	17.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.67	15.89	15.76	17.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	15.75	15.87	15.71	17.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	15.76	15.81	15.69	17.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.73	15.80	15.69	17.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.73	15.82	15.77	17.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.75	15.88	15.73	17.5	0.0

PC3 FR1 n77 PartQ Ant8 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.11			
100	PI/2 BPSK	1	137		13.15		14.5	0.0
100	PI/2 BPSK	1	271		13.12			
100	PI/2 BPSK	135	0		13.14		14.5	0.0
100	PI/2 BPSK	135	69		13.07		14.5	0.0
100	PI/2 BPSK	135	138		13.10		14.5	0.0
100	PI/2 BPSK	270	0		13.14			
100	QPSK	1	1		13.18			
100	QPSK	1	137		13.17		14.5	0.0
100	QPSK	1	271		13.15			
100	QPSK	135	0		13.16			
100	QPSK	135	69		13.17		14.5	0.0
100	QPSK	135	138		13.06			
100	QPSK	270	0		13.09		14.5	0.0
100	16QAM	1	1		13.11		14.5	0.0
100	64QAM	1	1		13.09		14.5	0.0
100	256QAM	1	1		13.12		14.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.01	13.04	13.00	14.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	12.96	13.03	12.97	14.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	12.96	12.95	13.05	14.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	12.95	13.06	12.99	14.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	12.98	13.04	12.96	14.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	12.98	13.01	13.03	14.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	12.94	13.01	12.95	14.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	12.95	13.04	12.97	14.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	12.95	13.00	12.95	14.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	13.03	12.98	13.05	14.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	13.01	12.98	12.97	14.5	0.0

PC2 FR1 n77 PartQ Ant8 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.10			
100	PI/2 BPSK	1	137		16.15		17.5	0.0
100	PI/2 BPSK	1	271		16.17			
100	PI/2 BPSK	135	0		16.10		17.5	0.0
100	PI/2 BPSK	135	69		16.06		17.5	0.0
100	PI/2 BPSK	135	138		16.13		17.5	0.0
100	PI/2 BPSK	270	0		16.11			
100	QPSK	1	1		16.25			
100	QPSK	1	137		16.23		17.5	0.0
100	QPSK	1	271		16.15			
100	QPSK	135	0		16.21			
100	QPSK	135	69		16.23		17.5	0.0
100	QPSK	135	138		16.09			
100	QPSK	270	0		16.13		17.5	0.0
100	16QAM	1	1		16.17		17.5	0.0
100	64QAM	1	1		16.14		17.5	0.0
100	256QAM	1	1		16.16		17.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.99	16.08	16.01	17.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.98	16.03	16.01	17.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.99	16.00	16.04	17.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.01	15.98	15.99	17.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.09	16.00	15.97	17.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.98	16.07	16.03	17.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.05	16.07	16.09	17.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.06	15.98	16.02	17.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.07	16.06	16.03	17.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.07	16.00	16.00	17.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	15.97	16.02	15.99	17.5	0.0

PC3 FR1 n78 PartO Ant8 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.17			
100	PI/2 BPSK	1	137		13.07		14.0	0.0
100	PI/2 BPSK	1	271		13.12			
100	PI/2 BPSK	135	0		13.17		14.0	0.0
100	PI/2 BPSK	135	69		13.13		14.0	0.0
100	PI/2 BPSK	135	138		13.10		14.0	0.0
100	PI/2 BPSK	270	0		13.07			
100	QPSK	1	1		13.21			
100	QPSK	1	137		13.08		14.0	0.0
100	QPSK	1	271		13.08			
100	QPSK	135	0		13.14			
100	QPSK	135	69		13.15		14.0	0.0
100	QPSK	135	138		13.08			
100	QPSK	270	0		13.12		14.0	0.0
100	16QAM	1	1		13.10		14.0	0.0
100	64QAM	1	1		13.13		14.0	0.0
100	256QAM	1	1		13.07		14.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	12.95	12.94	12.99	14.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	12.99	12.92	12.96	14.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.96	12.99	12.95	14.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	13.01	12.97	13.01	14.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	13.01	12.99	13.00	14.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.98	12.94	12.93	14.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	12.99	12.91	12.94	14.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	12.99	12.94	12.90	14.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	12.95	12.96	12.94	14.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	12.94	12.94	12.91	14.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	12.95	12.96	13.01	14.0	0.0

PC2 FR1 n78 PartO Ant8 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.12			
100	PI/2 BPSK	1	137		16.06		17.0	0.0
100	PI/2 BPSK	1	271		16.06			
100	PI/2 BPSK	135	0		16.22		17.0	0.0
100	PI/2 BPSK	135	69		16.15		17.0	0.0
100	PI/2 BPSK	135	138		16.12		17.0	0.0
100	PI/2 BPSK	270	0		16.08			
100	QPSK	1	1		16.25			
100	QPSK	1	137		16.09		17.0	0.0
100	QPSK	1	271		16.03			
100	QPSK	135	0		16.10			
100	QPSK	135	69		16.11		17.0	0.0
100	QPSK	135	138		16.07			
100	QPSK	270	0		16.07		17.0	0.0
100	16QAM	1	1		16.06		17.0	0.0
100	64QAM	1	1		16.18		17.0	0.0
100	256QAM	1	1		16.09		17.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	16.17	16.17	16.14	17.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	16.09	16.20	16.19	17.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.16	16.10	16.20	17.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	16.19	16.13	16.12	17.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	16.18	16.15	16.17	17.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.16	16.19	16.12	17.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	16.14	16.19	16.11	17.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	16.16	16.19	16.20	17.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	16.16	16.14	16.10	17.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	16.18	16.15	16.18	17.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.17	16.15	16.15	17.0	0.0

PC3 FR1 n78 PartQ Ant8 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.13			
100	PI/2 BPSK	1	137		13.14		14.0	0.0
100	PI/2 BPSK	1	271		13.14			
100	PI/2 BPSK	135	0		13.07		14.0	0.0
100	PI/2 BPSK	135	69		13.16		14.0	0.0
100	PI/2 BPSK	135	138		13.09		14.0	0.0
100	PI/2 BPSK	270	0		13.08			
100	QPSK	1	1		13.18			
100	QPSK	1	137		13.13		14.0	0.0
100	QPSK	1	271		13.13			
100	QPSK	135	0		13.08			
100	QPSK	135	69		13.11		14.0	0.0
100	QPSK	135	138		13.08			
100	QPSK	270	0		13.09		14.0	0.0
100	16QAM	1	1		13.08		14.0	0.0
100	64QAM	1	1		13.16		14.0	0.0
100	256QAM	1	1		13.08		14.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.06	13.02	12.99	14.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.03	13.08	13.09	14.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	12.98	12.99	13.08	14.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.06	13.05	13.09	14.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.05	13.01	13.06	14.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.07	13.06	13.05	14.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.01	12.99	13.09	14.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	13.07	12.99	13.10	14.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.04	13.10	13.05	14.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	13.05	13.09	13.01	14.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	12.99	13.09	13.06	14.0	0.0

PC2 FR1 n78 PartQ Ant8 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.18			
100	PI/2 BPSK	1	137		16.19		17.0	0.0
100	PI/2 BPSK	1	271		16.13			
100	PI/2 BPSK	135	0		16.09		17.0	0.0
100	PI/2 BPSK	135	69		16.11		17.0	0.0
100	PI/2 BPSK	135	138		16.10		17.0	0.0
100	PI/2 BPSK	270	0		16.08			
100	QPSK	1	1		16.21			
100	QPSK	1	137		16.13		17.0	0.0
100	QPSK	1	271		16.17			
100	QPSK	135	0		16.06			
100	QPSK	135	69		16.15		17.0	0.0
100	QPSK	135	138		16.03			
100	QPSK	270	0		16.12		17.0	0.0
100	16QAM	1	1		16.05		17.0	0.0
100	64QAM	1	1		16.16		17.0	0.0
100	256QAM	1	1		16.11		17.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.05	16.01	16.07	17.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.05	16.03	15.99	17.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.09	15.98	15.99	17.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.98	16.06	15.99	17.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.01	16.03	16.02	17.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.03	16.06	16.07	17.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.07	16.09	15.99	17.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.01	16.08	16.05	17.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.04	16.08	16.01	17.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.10	16.01	16.01	17.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.05	16.10	16.00	17.0	0.0

FR1 n48 Ant9 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.00	23.08	22.95	24.0	0.0
40	PI/2 BPSK	1	53	23.07	23.14	23.01		
40	PI/2 BPSK	1	104	23.01	23.13	23.01		
40	PI/2 BPSK	50	0	22.53	22.63	22.60	23.5	0.5
40	PI/2 BPSK	50	28	23.11	23.16	23.11	24.0	0.0
40	PI/2 BPSK	50	56	22.65	22.74	22.67	23.5	0.5
40	PI/2 BPSK	100	0	22.61	22.66	22.59		
40	QPSK	1	1	23.21	23.24	23.17	24.0	0.0
40	QPSK	1	53	23.08	23.13	23.05		
40	QPSK	1	104	23.10	23.23	23.10		
40	QPSK	50	0	22.02	22.11	22.05	24.0	0.0
40	QPSK	50	28	23.14	23.20	23.13		
40	QPSK	50	56	22.12	22.22	22.14		
40	QPSK	100	0	22.12	22.16	22.09	23.0	1.0
40	16QAM	1	1	21.55	21.66	21.58	23.0	1.0
40	64QAM	1	1	20.21	20.26	20.15	21.5	2.5
40	256QAM	1	1	18.84	18.90	18.81	19.5	4.5
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.15	23.21	23.06	24.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.08	23.20	23.12	24.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.16	23.11	23.13	24.0	0.0

1.82
23.12

PC3 FR1 n77 PartO Ant9 ECI1

BW [MHz]	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	20.05	20.13	20.06	21.5	0.0
100	PI/2 BPSK	1	137	20.12	20.23	20.09		
100	PI/2 BPSK	1	271	20.19	20.25	20.12		
100	PI/2 BPSK	135	0	19.91	20.01	19.95	21.5	0.0
100	PI/2 BPSK	135	69	20.08	20.12	20.04	21.5	0.0
100	PI/2 BPSK	135	138	20.07	20.18	20.08	21.5	0.0
100	PI/2 BPSK	270	0	19.97	20.04	19.95		
100	QPSK	1	1	20.21	20.30	20.27	21.5	0.0
100	QPSK	1	137	20.10	20.23	20.18		
100	QPSK	1	271	20.18	20.20	20.12		
100	QPSK	135	0	19.89	20.01	19.91	21.5	0.0
100	QPSK	135	69	20.07	20.19	20.11		
100	QPSK	135	138	19.99	20.04	19.97		
100	QPSK	270	0	19.92	20.05	19.97	21.5	0.0
100	16QAM	1	1	19.68	19.82	19.74	21.5	0.0
100	64QAM	1	1	19.71	19.84	19.70	21.5	0.0
100	256QAM	1	1	18.58	18.71	18.57	20.0	1.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	20.09	20.22	20.23	21.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.14	20.27	20.21	21.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.09	20.25	20.13	21.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	20.15	20.16	20.18	21.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	20.08	20.17	20.17	21.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.10	20.19	20.23	21.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	20.14	20.28	20.20	21.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	20.08	20.27	20.16	21.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	20.15	20.27	20.20	21.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	20.09	20.19	20.19	21.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.08	20.26	20.15	21.5	0.0

PC2 FR1 n77 PartO Ant9 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.81	22.93	22.90	24.5	0.0
100	PI/2 BPSK	1	137	23.09	23.14	23.04		
100	PI/2 BPSK	1	271	23.07	23.15	23.01		
100	PI/2 BPSK	135	0	22.41	22.45	22.39	24.0	0.5
100	PI/2 BPSK	135	69	22.98	23.10	23.02	24.5	0.0
100	PI/2 BPSK	135	138	22.56	22.61	22.49	24.0	0.5
100	PI/2 BPSK	270	0	22.48	22.51	22.39		
100	QPSK	1	1	23.08	23.17	23.13	24.5	0.0
100	QPSK	1	137	22.96	23.01	22.91		
100	QPSK	1	271	22.93	23.00	22.88		
100	QPSK	135	0	21.99	22.04	21.99	24.5	0.0
100	QPSK	135	69	22.95	23.09	23.01		
100	QPSK	135	138	22.10	22.20	22.06		
100	QPSK	270	0	22.06	22.08	22.03	23.5	1.0
100	16QAM	1	1	21.93	22.00	21.93	23.5	1.0
100	64QAM	1	1	20.38	20.49	20.45	22.0	2.5
100	256QAM	1	1	18.74	18.77	18.68	20.0	4.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	23.06	23.04	23.08	24.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	23.00	23.11	23.00	24.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.02	23.10	23.10	24.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.96	23.03	23.03	24.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.96	23.08	23.08	24.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.05	23.14	23.03	24.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	23.01	23.13	23.07	24.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	23.03	23.13	23.00	24.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	23.00	23.07	23.02	24.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	23.03	23.11	23.02	24.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.97	23.05	23.03	24.5	0.0

PC3 FR1 n77 PartQ Ant9 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		19.88			
100	PI/2 BPSK	1	137		20.05		21.5	0.0
100	PI/2 BPSK	1	271		19.97			
100	PI/2 BPSK	135	0		19.98		21.5	0.0
100	PI/2 BPSK	135	69		20.05		21.5	0.0
100	PI/2 BPSK	135	138		20.05		21.5	0.0
100	PI/2 BPSK	270	0		20.03			
100	QPSK	1	1		20.12			
100	QPSK	1	137		20.11		21.5	0.0
100	QPSK	1	271		19.92			
100	QPSK	135	0		20.03			
100	QPSK	135	69		20.11		21.5	0.0
100	QPSK	135	138		20.07			
100	QPSK	270	0		20.05		21.5	0.0
100	16QAM	1	1		19.87		21.5	0.0
100	64QAM	1	1		19.82		21.5	0.0
100	256QAM	1	1		18.74		20.0	1.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	20.00	20.06	20.05	21.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	19.97	20.01	19.92	21.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	19.93	19.97	19.96	21.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	19.90	20.01	19.97	21.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	19.89	20.03	19.96	21.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	19.87	19.96	20.00	21.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	19.91	19.98	19.93	21.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	19.97	19.94	19.99	21.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	19.87	19.98	19.92	21.5	0.0
	Channel			630501	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	19.92	20.03	19.91	21.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	19.94	19.96	20.01	21.5	0.0

PC2 FR1 n77 PartQ Ant9 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		22.89			
100	PI/2 BPSK	1	137		23.00		24.5	0.0
100	PI/2 BPSK	1	271		22.87			
100	PI/2 BPSK	135	0		22.46		24.0	0.5
100	PI/2 BPSK	135	69		23.00		24.5	0.0
100	PI/2 BPSK	135	138		22.53		24.0	0.5
100	PI/2 BPSK	270	0		22.51			
100	QPSK	1	1		23.05			
100	QPSK	1	137		22.96		24.5	0.0
100	QPSK	1	271		22.82			
100	QPSK	135	0		22.03			
100	QPSK	135	69		23.02		24.5	0.0
100	QPSK	135	138		22.08			
100	QPSK	270	0		22.07		23.5	1.0
100	16QAM	1	1		22.03		23.5	1.0
100	64QAM	1	1		20.47		22.0	2.5
100	256QAM	1	1		18.87		20.0	4.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	22.94	22.99	22.98	24.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	22.90	22.91	22.87	24.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	22.80	22.85	22.96	24.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	22.85	22.96	22.94	24.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	22.92	22.88	22.95	24.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	22.89	22.96	22.91	24.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	22.91	22.85	22.84	24.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	22.88	22.97	22.95	24.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	22.87	22.86	22.93	24.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	22.87	22.96	22.92	24.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	22.89	22.85	22.89	24.5	0.0

PC3 FR1 n78 PartO Ant9 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		21.21			
100	PI/2 BPSK	1	137		21.16		22.5	0.0
100	PI/2 BPSK	1	271		21.06			
100	PI/2 BPSK	135	0		20.99		22.5	0.0
100	PI/2 BPSK	135	69		21.01		22.5	0.0
100	PI/2 BPSK	135	138		21.00		22.5	0.0
100	PI/2 BPSK	270	0		21.06			
100	QPSK	1	1		21.26			
100	QPSK	1	137		21.19		22.5	0.0
100	QPSK	1	271		20.93			
100	QPSK	135	0		21.05			
100	QPSK	135	69		21.10		22.5	0.0
100	QPSK	135	138		21.05			
100	QPSK	270	0		21.09		22.5	0.0
100	16QAM	1	1		20.74		22.5	0.0
100	64QAM	1	1		20.80		22.5	0.0
100	256QAM	1	1		19.91		21.0	1.5
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	21.21	21.22	21.20	22.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	21.14	21.19	21.06	22.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	21.09	21.19	21.13	22.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	21.11	21.15	21.14	22.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	21.09	21.17	21.08	22.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	21.15	21.16	21.08	22.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	21.11	21.14	21.10	22.5	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	21.09	21.11	21.15	22.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	21.17	21.10	21.14	22.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	21.18	21.18	21.15	22.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	21.08	21.10	21.13	22.5	0.0

PC2 FR1 n78 PartO Ant9 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		24.11			
100	PI/2 BPSK	1	137		24.13		25.5	0.0
100	PI/2 BPSK	1	271		24.00			
100	PI/2 BPSK	135	0		23.48		25.0	0.5
100	PI/2 BPSK	135	69		24.11		25.5	0.0
100	PI/2 BPSK	135	138		23.50		25.0	0.5
100	PI/2 BPSK	270	0		23.55			
100	QPSK	1	1		24.15			
100	QPSK	1	137		23.94		25.5	0.0
100	QPSK	1	271		23.80			
100	QPSK	135	0		23.06			
100	QPSK	135	69		24.08		25.5	0.0
100	QPSK	135	138		23.08			
100	QPSK	270	0		23.12		24.5	1.0
100	16QAM	1	1		23.12		24.5	1.0
100	64QAM	1	1		21.67		23.0	2.5
100	256QAM	1	1		19.92		21.0	4.5
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	24.08	24.12	24.02	25.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	24.00	23.99	23.88	25.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	24.04	24.09	23.89	25.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	24.01	24.00	23.99	25.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	23.95	24.01	23.98	25.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	24.02	24.06	23.94	25.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	24.03	24.09	23.95	25.5	0.0
	Channel			647502	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	23.94	24.00	23.93	25.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	24.04	24.10	23.99	25.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	23.95	24.01	23.97	25.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	24.06	24.06	23.96	25.5	0.0

PC3 FR1 n78 PartQ Ant9 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		20.89			
100	PI/2 BPSK	1	137		21.07		22.5	0.0
100	PI/2 BPSK	1	271		21.01			
100	PI/2 BPSK	135	0		20.94		22.5	0.0
100	PI/2 BPSK	135	69		20.99		22.5	0.0
100	PI/2 BPSK	135	138		20.96		22.5	0.0
100	PI/2 BPSK	270	0		20.99			
100	QPSK	1	1		21.09			
100	QPSK	1	137		20.98		22.5	0.0
100	QPSK	1	271		20.96			
100	QPSK	135	0		21.00			
100	QPSK	135	69		21.05		22.5	0.0
100	QPSK	135	138		21.02			
100	QPSK	270	0		21.02		22.5	0.0
100	16QAM	1	1		20.62		22.5	0.0
100	64QAM	1	1		20.66		22.5	0.0
100	256QAM	1	1		19.86		21.0	1.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	20.98	21.02	20.95	22.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	20.85	20.91	20.83	22.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	20.86	20.97	20.90	22.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	20.86	20.95	20.93	22.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	20.95	20.96	20.85	22.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	20.90	20.97	20.84	22.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	20.86	20.99	20.88	22.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	20.93	20.91	20.92	22.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	20.95	20.96	20.93	22.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	20.89	20.96	20.88	22.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	20.92	20.99	20.85	22.5	0.0

PC2 FR1 n78 PartQ Ant9 ECI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		23.77			
100	PI/2 BPSK	1	137		23.95		25.5	0.0
100	PI/2 BPSK	1	271		23.88			
100	PI/2 BPSK	135	0		23.43		25.0	0.5
100	PI/2 BPSK	135	69		24.01		25.5	0.0
100	PI/2 BPSK	135	138		23.46		25.0	0.5
100	PI/2 BPSK	270	0		23.47			
100	QPSK	1	1		24.08			
100	QPSK	1	137		23.82		25.5	0.0
100	QPSK	1	271		23.75			
100	QPSK	135	0		22.99			
100	QPSK	135	69		24.00		25.5	0.0
100	QPSK	135	138		23.01			
100	QPSK	270	0		23.03		24.5	1.0
100	16QAM	1	1		22.94		24.5	1.0
100	64QAM	1	1		21.48		23.0	2.5
100	256QAM	1	1		19.79		21.0	4.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	24.00	24.04	23.96	25.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	23.91	23.95	23.87	25.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	23.96	23.91	23.86	25.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	23.95	23.95	23.93	25.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	23.94	23.97	23.91	25.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	23.91	23.94	23.89	25.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	23.94	23.90	23.89	25.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	23.92	24.00	23.93	25.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	23.92	24.00	23.91	25.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	23.96	24.00	23.92	25.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	23.92	23.96	23.91	25.5	0.0

Reduced Power Mode for ECI3

FR1 n5 Ant0 ECI3

BW [MHz]	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	25.26	25.29	25.18	25.7	0.0
20	PI/2 BPSK	1	53	25.35	25.41	25.38		
20	PI/2 BPSK	1	104	25.32	25.36	25.32		
20	PI/2 BPSK	50	0	24.72	24.85	24.78	25.2	0.5
20	PI/2 BPSK	50	28	25.39	25.42	25.34	25.7	0.0
20	PI/2 BPSK	50	56	24.72	24.81	24.70	25.2	0.5
20	PI/2 BPSK	100	0	24.73	24.85	24.81		
20	QPSK	1	1	25.41	25.46	25.40	25.7	0.0
20	QPSK	1	53	25.37	25.41	25.32		
20	QPSK	1	104	25.34	25.38	25.28		
20	QPSK	50	0	24.30	24.33	24.28	24.7	1.0
20	QPSK	50	28	25.28	25.35	25.32	25.7	0.0
20	QPSK	50	56	24.15	24.28	24.16	24.7	1.0
20	QPSK	100	0	24.17	24.31	24.19		
20	16QAM	1	1	23.98	24.07	23.99	24.7	1.0
20	64QAM	1	1	22.66	22.71	22.65	23.2	2.5
20	256QAM	1	1	20.99	21.02	20.89	21.2	4.5
Channel				166300	167300	166300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.35	25.34	25.36	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.29	25.42	25.31	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.28	25.43	25.34	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.31	25.35	25.23	25.7	0.0
20	PI/2 BPSK	1	53	25.38	25.47	25.40		
20	PI/2 BPSK	1	104	25.40	25.42	25.34		
20	PI/2 BPSK	50	0	24.77	24.91	24.84	25.2	0.5
20	PI/2 BPSK	50	28	25.45	25.46	25.39	25.7	0.0
20	PI/2 BPSK	50	56	24.80	24.88	24.76	25.2	0.5
20	PI/2 BPSK	100	0	24.78	24.90	24.84		
20	QPSK	1	1	25.49	25.50	25.45	25.7	0.0
20	QPSK	1	53	25.42	25.45	25.40		
20	QPSK	1	104	25.37	25.42	25.32		
20	QPSK	50	0	24.38	24.37	24.32	24.7	1.0
20	QPSK	50	28	25.35	25.41	25.39	25.7	0.0
20	QPSK	50	56	24.23	24.33	24.22	24.7	1.0
20	QPSK	100	0	24.23	24.37	24.22		
20	16QAM	1	1	24.01	24.12	24.05	24.7	1.0
20	64QAM	1	1	22.73	22.74	22.67	23.2	2.5
20	256QAM	1	1	21.06	21.05	20.92	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.38	25.38	25.41	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.36	25.45	25.35	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.33	25.46	25.40	25.7	0.0

FR1 n5 Ant1 ECI3

BW [MHz]	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	21.78	21.97	21.85	22.2	0.0
20	PI/2 BPSK	1	53	21.86	22.05	21.87		
20	PI/2 BPSK	1	104	21.81	21.98	21.86		
20	PI/2 BPSK	50	0	21.83	21.97	21.91	22.2	0.0
20	PI/2 BPSK	50	28	21.83	21.93	21.86	22.2	0.0
20	PI/2 BPSK	50	56	21.87	22.01	21.90	22.2	0.0
20	PI/2 BPSK	100	0	21.89	22.02	21.88		
20	QPSK	1	1	21.92	22.07	21.98	22.2	0.0
20	QPSK	1	53	21.80	22.01	21.95		
20	QPSK	1	104	21.82	21.95	21.92		
20	QPSK	50	0	21.89	21.96	21.90	22.2	0.0
20	QPSK	50	28	21.82	21.97	21.88	22.2	0.0
20	QPSK	50	56	21.88	21.95	21.94	22.2	0.0
20	QPSK	100	0	21.82	21.94	21.90		
20	16QAM	1	1	21.88	22.02	21.93	22.2	0.0
20	64QAM	1	1	21.79	22.03	21.93	22.2	0.0
20	256QAM	1	1	20.92	21.07	21.00	21.2	1.0
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.84	22.02	21.87	22.2	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.90	22.02	21.90	22.2	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.87	22.03	21.91	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.30	25.31	25.31	25.7	0.0
20	PI/2 BPSK	1	53	25.43	25.47	25.36		
20	PI/2 BPSK	1	104	25.21	25.29	25.24		
20	PI/2 BPSK	50	0	24.71	24.81	24.72	25.2	0.5
20	PI/2 BPSK	50	28	25.32	25.35	25.29	25.7	0.0
20	PI/2 BPSK	50	56	24.62	24.74	24.70	25.2	0.5
20	PI/2 BPSK	100	0	24.75	24.80	24.68		
20	QPSK	1	1	25.46	25.49	25.44	25.7	0.0
20	QPSK	1	53	25.37	25.47	25.39		
20	QPSK	1	104	25.30	25.39	25.30		
20	QPSK	50	0	24.28	24.29	24.21	24.7	1.0
20	QPSK	50	28	25.42	25.45	25.35	25.7	0.0
20	QPSK	50	56	24.21	24.26	24.13	24.7	1.0
20	QPSK	100	0	24.11	24.25	24.16		
20	16QAM	1	1	24.02	24.07	24.06	24.7	1.0
20	64QAM	1	1	22.62	22.71	22.55	23.2	2.5
20	256QAM	1	1	21.12	21.11	21.15	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.33	25.41	25.42	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.30	25.44	25.36	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.35	25.38	25.40	25.7	0.0

FR1 n2 Ant2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1880	1880	1900		
20	PI/2 BPSK	1	1	21.79	21.85	21.72	22.7	0.0
20	PI/2 BPSK	1	53	21.82	21.90	21.78		
20	PI/2 BPSK	1	104	21.72	21.81	21.78		
20	PI/2 BPSK	50	0	21.77	21.83	21.71	22.7	0.0
20	PI/2 BPSK	50	28	21.82	21.90	21.75	22.7	0.0
20	PI/2 BPSK	50	56	21.76	21.89	21.72	22.7	0.0
20	PI/2 BPSK	100	0	21.82	21.87	21.74		
20	QPSK	1	1	21.72	21.93	21.77	22.7	0.0
20	QPSK	1	53	21.76	21.90	21.75		
20	QPSK	1	104	21.75	21.85	21.76		
20	QPSK	50	0	21.82	21.89	21.76	22.7	0.0
20	QPSK	50	28	21.77	21.90	21.75	22.7	0.0
20	QPSK	50	56	21.80	21.88	21.74	22.7	0.0
20	QPSK	100	0	21.82	21.85	21.76		
20	16QAM	1	1	21.81	21.85	21.71	22.7	0.0
20	64QAM	1	1	21.81	21.83	21.78	22.7	0.0
20	256QAM	1	1	20.24	20.18	20.24	21.2	1.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.71	21.76	21.61	22.7	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.70	21.79	21.63	22.7	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.61	21.75	21.62	22.7	0.0

FR1 n7 Ant2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2505	2535	2545		
50	PI/2 BPSK	1	1	20.26	20.39	20.28	21.2	0.0
50	PI/2 BPSK	1	135	20.24	20.38	20.27		
50	PI/2 BPSK	1	268	20.30	20.39	20.25		
50	PI/2 BPSK	135	0	20.26	20.40	20.33	21.2	0.0
50	PI/2 BPSK	135	68	20.25	20.36	20.31	21.2	0.0
50	PI/2 BPSK	135	135	20.34	20.29	20.27	21.2	0.0
50	PI/2 BPSK	270	0	20.29	20.30	20.31		
50	QPSK	1	1	20.35	20.45	20.30	21.2	0.0
50	QPSK	1	135	20.31	20.39	20.34		
50	QPSK	1	268	20.34	20.29	20.35		
50	QPSK	135	0	20.33	20.39	20.26	21.2	0.0
50	QPSK	135	68	20.35	20.41	20.36	21.2	0.0
50	QPSK	135	135	20.33	20.38	20.25	21.2	0.0
50	QPSK	270	0	20.33	20.38	20.29		
50	16QAM	1	1	20.34	20.39	20.34	21.2	0.0
50	64QAM	1	1	20.25	20.31	20.28	21.2	0.0
50	256QAM	1	1	20.34	20.32	20.35	21.2	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.20	20.28	20.18	21.2	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.23	20.19	20.27	21.2	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.26	20.20	20.20	21.2	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.15	20.19	20.17	21.2	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.25	20.19	20.19	21.2	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.14	20.20	20.15	21.2	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.25	20.20	20.25	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.62	20.71	20.64	21.2	0.0
40	PI/2 BPSK	1	108	20.66	20.68	20.56		
40	PI/2 BPSK	1	214	20.57	20.66	20.54		
40	PI/2 BPSK	108	0	20.66	20.62	20.63	21.2	0.0
40	PI/2 BPSK	108	54	20.62	20.70	20.59	21.2	0.0
40	PI/2 BPSK	108	108	20.66	20.66	20.57	21.2	0.0
40	PI/2 BPSK	216	0	20.66	20.67	20.57		
40	QPSK	1	1	20.66	20.75	20.56	21.2	0.0
40	QPSK	1	108	20.62	20.66	20.60		
40	QPSK	1	214	20.57	20.70	20.58		
40	QPSK	108	0	20.61	20.63	20.60	21.2	0.0
40	QPSK	108	54	20.60	20.66	20.54	21.2	0.0
40	QPSK	108	108	20.65	20.59	20.55	21.2	0.0
40	QPSK	216	0	20.60	20.66	20.58		
40	16QAM	1	1	20.61	20.64	20.55	21.2	0.0
40	64QAM	1	1	20.60	20.70	20.53	21.2	0.0
40	256QAM	1	1	20.61	20.60	20.56	21.2	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.47	20.56	20.51	21.2	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.57	20.54	20.44	21.2	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.50	20.50	20.49	21.2	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.52	20.54	20.53	21.2	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.58	20.58	20.45	21.2	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.50	20.53	20.53	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	21.52	21.68	21.52		
40	PI/2 BPSK	1	53	21.42	21.58	21.50	22.2	0.0
40	PI/2 BPSK	1	104	21.53	21.68	21.50		
40	PI/2 BPSK	50	0	21.45	21.69	21.51	22.2	0.0
40	PI/2 BPSK	50	28	21.43	21.58	21.49	22.2	0.0
40	PI/2 BPSK	50	56	21.46	21.64	21.48	22.2	0.0
40	PI/2 BPSK	100	0	21.43	21.63	21.54		
40	QPSK	1	1	21.57	21.73	21.62		
40	QPSK	1	53	21.53	21.61	21.48	22.2	0.0
40	QPSK	1	104	21.48	21.69	21.48		
40	QPSK	50	0	21.50	21.68	21.51		
40	QPSK	50	28	21.50	21.70	21.53	22.2	0.0
40	QPSK	50	56	21.46	21.66	21.53		
40	QPSK	100	0	21.48	21.67	21.54	22.2	0.0
40	16QAM	1	1	21.45	21.63	21.46	22.2	0.0
40	64QAM	1	1	21.46	21.59	21.53	22.2	0.0
40	256QAM	1	1	20.59	20.69	20.56	21.2	1.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	21.52	21.63	21.51	22.2	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	21.48	21.62	21.54	22.2	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.52	21.63	21.56	22.2	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	21.52	21.62	21.51	22.2	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	21.46	21.67	21.50	22.2	0.0

PC3 FR1 n41 Ant2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.73	19.81	19.72		
100	PI/2 BPSK	1	137	19.81	19.89	19.76	21.5	0.0
100	PI/2 BPSK	1	271	19.74	19.77	19.77		
100	PI/2 BPSK	135	0	19.76	19.78	19.72	21.5	0.0
100	PI/2 BPSK	135	69	19.77	19.87	19.75	21.5	0.0
100	PI/2 BPSK	135	138	19.74	19.82	19.70	21.5	0.0
100	PI/2 BPSK	270	0	19.73	19.84	19.72		
100	QPSK	1	1	19.88	19.93	19.82		
100	QPSK	1	137	19.75	19.86	19.71	21.5	0.0
100	QPSK	1	271	19.82	19.82	19.76		
100	QPSK	135	0	19.77	19.87	19.74		
100	QPSK	135	69	19.74	19.91	19.77	21.5	0.0
100	QPSK	135	138	19.73	19.88	19.71		
100	QPSK	270	0	19.85	19.89	19.70	21.5	0.0
100	16QAM	1	1	19.83	19.78	19.69	21.5	0.0
100	64QAM	1	1	19.77	19.80	19.71	21.5	0.0
100	256QAM	1	1	18.86	18.98	18.86	20.5	1.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.84	19.79	19.69	21.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.74	19.81	19.74	21.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.76	19.77	19.76	21.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.75	19.87	19.78	21.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.84	19.84	19.75	21.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.74	19.88	19.72	21.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.82	19.79	19.72	21.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.78	19.78	19.74	21.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.80	19.88	19.66	21.5	0.0

PC2 FR1 n41 Ant2 ECI3

BW [MHz]	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	22.74	22.79	22.70		
100	PI/2 BPSK	1	137	22.63	22.80	22.73	24.5	0.0
100	PI/2 BPSK	1	271	22.69	22.71	22.76		
100	PI/2 BPSK	135	0	22.72	22.79	22.69	24.5	0.0
100	PI/2 BPSK	135	69	22.71	22.79	22.74	24.5	0.0
100	PI/2 BPSK	135	138	22.72	22.76	22.77	24.5	0.0
100	PI/2 BPSK	270	0	22.69	22.80	22.66		
100	QPSK	1	1	22.78	22.84	22.82		
100	QPSK	1	137	22.73	22.70	22.75	24.5	0.0
100	QPSK	1	271	22.66	22.80	22.77		
100	QPSK	135	0	22.67	22.77	22.67		
100	QPSK	135	69	22.68	22.79	22.70	24.5	0.0
100	QPSK	135	138	22.69	22.73	22.70		
100	QPSK	270	0	22.72	22.78	22.71	24.5	0.0
100	16QAM	1	1	22.68	22.74	22.77	24.5	0.0
100	64QAM	1	1	22.71	22.70	22.75	24.5	0.0
100	256QAM	1	1	21.24	21.35	21.30	23.0	1.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.68	22.71	22.78	24.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.69	22.72	22.80	24.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.68	22.75	22.75	24.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.66	22.75	22.70	24.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.70	22.79	22.74	24.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.69	22.82	22.76	24.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.72	22.77	22.78	24.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.69	22.76	22.76	24.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.73	22.73	22.71	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.31	20.42	20.25	21.5	0.0
20	PI/2 BPSK	1	53	20.28	20.40	20.28		
20	PI/2 BPSK	1	104	20.29	20.36	20.25		
20	PI/2 BPSK	50	0	20.24	20.30	20.24	21.5	0.0
20	PI/2 BPSK	50	28	20.28	20.33	20.33	21.5	0.0
20	PI/2 BPSK	50	56	20.29	20.38	20.34	21.5	0.0
20	PI/2 BPSK	100	0	20.22	20.36	20.30		
20	QPSK	1	1	20.35	20.46	20.40	21.5	0.0
20	QPSK	1	53	20.29	20.31	20.28		
20	QPSK	1	104	20.24	20.38	20.27		
20	QPSK	50	0	20.20	20.40	20.36	21.5	0.0
20	QPSK	50	28	20.32	20.44	20.31	21.5	0.0
20	QPSK	50	56	20.29	20.39	20.24	21.5	0.0
20	QPSK	100	0	20.31	20.41	20.26		
20	16QAM	1	1	20.29	20.36	20.32	21.5	0.0
20	64QAM	1	1	20.22	20.33	20.29	21.5	0.0
20	256QAM	1	1	19.83	19.98	19.95	21.0	0.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.22	20.39	20.30	21.5	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.25	20.40	20.33	21.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.23	20.38	20.27	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.18	20.20	20.14	21.2	0.0
50	PI/2 BPSK	1	135	20.24	20.21	20.22		
50	PI/2 BPSK	1	268	20.24	20.22	20.23		
50	PI/2 BPSK	135	0	20.22	20.19	20.24	21.2	0.0
50	PI/2 BPSK	135	68	20.25	20.28	20.21	21.2	0.0
50	PI/2 BPSK	135	135	20.19	20.28	20.18	21.2	0.0
50	PI/2 BPSK	270	0	20.25	20.25	20.17		
50	QPSK	1	1	20.20	20.31	20.21	21.2	0.0
50	QPSK	1	135	20.21	20.28	20.17		
50	QPSK	1	268	20.21	20.26	20.20		
50	QPSK	135	0	20.14	20.21	20.18	21.2	0.0
50	QPSK	135	68	20.16	20.28	20.16	21.2	0.0
50	QPSK	135	135	20.24	20.26	20.14	21.2	0.0
50	QPSK	270	0	20.17	20.30	20.17		
50	16QAM	1	1	20.19	20.29	20.18	21.2	0.0
50	64QAM	1	1	20.25	20.18	20.18	21.2	0.0
50	256QAM	1	1	20.22	20.24	20.20	21.2	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.06	20.19	20.09	21.2	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.13	20.20	20.05	21.2	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.07	20.16	20.07	21.2	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.14	20.13	20.07	21.2	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.05	20.08	20.08	21.2	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.05	20.14	20.12	21.2	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.05	20.08	20.04	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	19.93	19.93	19.93		
40	PI/2 BPSK	1	53	19.98	19.94	19.89	21.0	0.0
40	PI/2 BPSK	1	104	19.90	19.98	19.95		
40	PI/2 BPSK	50	0	19.88	19.95	19.88	21.0	0.0
40	PI/2 BPSK	50	28	19.94	20.01	19.97	21.0	0.0
40	PI/2 BPSK	50	56	19.97	19.95	19.94	21.0	0.0
40	PI/2 BPSK	100	0	19.89	19.98	19.92		
40	QPSK	1	1	19.87	20.02	19.86		
40	QPSK	1	53	19.88	19.94	19.88	21.0	0.0
40	QPSK	1	104	19.88	19.99	19.86		
40	QPSK	50	0	19.96	19.97	19.89		
40	QPSK	50	28	19.98	20.01	19.89	21.0	0.0
40	QPSK	50	56	19.92	19.98	19.88		
40	QPSK	100	0	19.90	20.00	19.96	21.0	0.0
40	16QAM	1	1	19.90	19.95	19.96	21.0	0.0
40	64QAM	1	1	19.94	19.99	19.88	21.0	0.0
40	256QAM	1	1	19.94	19.92	19.93	21.0	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	19.89	19.86	19.78	21.0	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	19.81	19.84	19.77	21.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.84	19.85	19.79	21.0	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	19.81	19.87	19.87	21.0	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	19.85	19.87	19.87	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.63	18.73	18.61		
100	PI/2 BPSK	1	137	18.61	18.65	18.56	20.0	0.0
100	PI/2 BPSK	1	271	18.64	18.65	18.54		
100	PI/2 BPSK	135	0	18.67	18.71	18.53	20.0	0.0
100	PI/2 BPSK	135	69	18.67	18.71	18.61	20.0	0.0
100	PI/2 BPSK	135	138	18.59	18.72	18.58	20.0	0.0
100	PI/2 BPSK	270	0	18.70	18.65	18.64		
100	QPSK	1	1	18.74	18.79	18.68		
100	QPSK	1	137	18.63	18.65	18.53	20.0	0.0
100	QPSK	1	271	18.64	18.73	18.54		
100	QPSK	135	0	18.63	18.64	18.56		
100	QPSK	135	69	18.66	18.75	18.58	20.0	0.0
100	QPSK	135	138	18.62	18.70	18.58		
100	QPSK	270	0	18.68	18.74	18.63	20.0	0.0
100	16QAM	1	1	18.65	18.72	18.58	20.0	0.0
100	64QAM	1	1	18.67	18.72	18.58	20.0	0.0
100	256QAM	1	1	18.18	18.33	18.24	19.5	0.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.60	18.73	18.61	20.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.63	18.73	18.60	20.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.67	18.76	18.62	20.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.69	18.73	18.58	20.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.69	18.67	18.66	20.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.64	18.75	18.57	20.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.62	18.69	18.65	20.0	0.0
Channel				502700	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.67	18.68	18.55	20.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.62	18.72	18.63	20.0	0.0

PC2 FR1 n41 Ant3 ECI3

BW [MHz]	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	21.59	21.62	21.64		
100	PI/2 BPSK	1	137	21.57	21.66	21.58	23.0	0.0
100	PI/2 BPSK	1	271	21.59	21.69	21.59		
100	PI/2 BPSK	135	0	21.60	21.71	21.65	23.0	0.0
100	PI/2 BPSK	135	69	21.61	21.62	21.57	23.0	0.0
100	PI/2 BPSK	135	138	21.60	21.65	21.59	23.0	0.0
100	PI/2 BPSK	270	0	21.61	21.70	21.56		
100	QPSK	1	1	21.69	21.77	21.71		
100	QPSK	1	137	21.63	21.65	21.65	23.0	0.0
100	QPSK	1	271	21.58	21.69	21.63		
100	QPSK	135	0	21.58	21.67	21.67		
100	QPSK	135	69	21.65	21.71	21.68	23.0	0.0
100	QPSK	135	138	21.56	21.71	21.56		
100	QPSK	270	0	21.62	21.68	21.61	23.0	0.0
100	16QAM	1	1	21.58	21.70	21.63	23.0	0.0
100	64QAM	1	1	21.64	21.62	21.64	23.0	0.0
100	256QAM	1	1	21.18	21.31	21.16	22.5	0.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.58	21.65	21.62	23.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	21.55	21.69	21.58	23.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.58	21.74	21.67	23.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.56	21.70	21.65	23.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.65	21.73	21.69	23.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.60	21.72	21.68	23.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.56	21.72	21.61	23.0	0.0
Channel				502700	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.57	21.74	21.58	23.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.62	21.68	21.62	23.0	0.0

FR1 n2 Ant4 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.41	23.40	23.41		
20	PI/2 BPSK	1	53	23.47	23.42	23.40	24.0	0.0
20	PI/2 BPSK	1	104	23.42	23.48	23.33		
20	PI/2 BPSK	50	0	23.42	23.49	23.34	24.0	0.0
20	PI/2 BPSK	50	28	23.41	23.42	23.38	24.0	0.0
20	PI/2 BPSK	50	56	23.38	23.50	23.33	24.0	0.0
20	PI/2 BPSK	100	0	23.40	23.50	23.38		
20	QPSK	1	1	23.46	23.52	23.35		
20	QPSK	1	53	23.44	23.40	23.40	24.0	0.0
20	QPSK	1	104	23.43	23.41	23.39		
20	QPSK	50	0	23.42	23.43	23.31	24.0	0.0
20	QPSK	50	28	23.46	23.51	23.38	24.0	0.0
20	QPSK	50	56	23.46	23.49	23.33	24.0	0.0
20	QPSK	100	0	23.40	23.49	23.36		
20	16QAM	1	1	23.46	23.40	23.35	24.0	0.0
20	64QAM	1	1	22.41	22.43	22.32	23.0	1.0
20	256QAM	1	1	20.44	20.44	20.36	21.0	3.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.41	23.36	23.21	24.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.35	23.25	23.29	24.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.39	23.32	23.21	24.0	0.0

FR1 n7 Ant4 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.79	20.01	19.95		
50	PI/2 BPSK	1	135	19.85	19.99	19.90	20.2	0.0
50	PI/2 BPSK	1	268	19.88	19.94	19.95		
50	PI/2 BPSK	135	0	19.88	19.99	19.94	20.2	0.0
50	PI/2 BPSK	135	68	19.80	19.95	19.90	20.2	0.0
50	PI/2 BPSK	135	135	19.88	20.00	19.92	20.2	0.0
50	PI/2 BPSK	270	0	19.84	20.03	19.85		
50	QPSK	1	1	19.83	20.04	19.87		
50	QPSK	1	135	19.89	19.96	19.89	20.2	0.0
50	QPSK	1	268	19.88	20.03	19.87		
50	QPSK	135	0	19.79	20.03	19.96	20.2	0.0
50	QPSK	135	68	19.87	20.04	19.93	20.2	0.0
50	QPSK	135	135	19.90	19.96	19.93	20.2	0.0
50	QPSK	270	0	19.85	19.96	19.88		
50	16QAM	1	1	19.83	19.94	19.89	20.2	0.0
50	64QAM	1	1	19.79	19.99	19.86	20.2	0.0
50	256QAM	1	1	19.88	19.95	19.87	20.2	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.73	19.97	19.80	20.2	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.68	19.90	19.77	20.2	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.69	19.96	19.73	20.2	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.77	19.94	19.74	20.2	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.77	20.00	19.75	20.2	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.70	19.91	19.73	20.2	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.69	19.93	19.71	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.83	22.96	22.90		
40	PI/2 BPSK	1	108	22.80	22.87	22.84	23.2	0.0
40	PI/2 BPSK	1	214	22.88	22.89	22.86		
40	PI/2 BPSK	108	0	22.81	22.87	22.84	23.2	0.0
40	PI/2 BPSK	108	54	22.89	22.95	22.92	23.2	0.0
40	PI/2 BPSK	108	108	22.79	22.93	22.91	23.2	0.0
40	PI/2 BPSK	216	0	22.79	22.92	22.83		
40	QPSK	1	1	22.87	23.05	22.89		
40	QPSK	1	108	22.85	22.96	22.93	23.2	0.0
40	QPSK	1	214	22.88	22.98	22.93		
40	QPSK	108	0	22.85	22.98	22.85	23.2	0.0
40	QPSK	108	54	22.80	22.99	22.92	23.2	0.0
40	QPSK	108	108	22.89	22.89	22.87	23.2	0.0
40	QPSK	216	0	22.90	22.93	22.90		
40	16QAM	1	1	22.79	22.88	22.90	23.2	0.0
40	64QAM	1	1	22.88	22.88	22.90	23.2	0.0
40	256QAM	1	1	20.86	20.98	20.84	21.2	2.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.73	22.88	22.81	23.2	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.78	22.87	22.78	23.2	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.74	22.77	22.74	23.2	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.72	22.78	22.81	23.2	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.78	22.86	22.77	23.2	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.72	22.80	22.79	23.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	20.08	20.20	20.05	20.2	0.0
40	PI/2 BPSK	1	53	20.10	20.20	20.10		
40	PI/2 BPSK	1	104	20.10	20.14	20.07		
40	PI/2 BPSK	50	0	20.13	20.10	20.12	20.2	0.0
40	PI/2 BPSK	50	28	20.08	20.16	20.04	20.2	0.0
40	PI/2 BPSK	50	56	20.07	20.10	20.09	20.2	0.0
40	PI/2 BPSK	100	0	20.11	20.08	20.04		
40	QPSK	1	1	20.10	22.25	20.12	20.2	0.0
40	QPSK	1	53	20.07	20.12	20.00		
40	QPSK	1	104	20.16	20.14	20.00		
40	QPSK	50	0	20.09	20.18	20.03	20.2	0.0
40	QPSK	50	28	20.06	20.21	20.05		
40	QPSK	50	56	20.08	20.13	20.04		
40	QPSK	100	0	20.10	20.17	20.05	20.2	0.0
40	16QAM	1	1	20.07	20.10	20.11	20.2	0.0
40	64QAM	1	1	20.15	20.14	20.03	20.2	0.0
40	256QAM	1	1	20.13	20.17	20.11	20.2	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	19.95	20.05	20.05	20.2	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	19.99	20.01	19.99	20.2	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.97	20.06	20.07	20.2	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	19.95	20.04	20.05	20.2	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	20.01	20.05	20.03	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.20	18.25	18.24	19.0	0.0
100	PI/2 BPSK	1	137	18.21	18.25	18.21		
100	PI/2 BPSK	1	271	18.23	18.24	18.18		
100	PI/2 BPSK	135	0	18.15	18.29	18.27	19.0	0.0
100	PI/2 BPSK	135	69	18.22	18.22	18.20	19.0	0.0
100	PI/2 BPSK	135	138	18.18	18.29	18.21	19.0	0.0
100	PI/2 BPSK	270	0	18.13	18.29	18.17		
100	QPSK	1	1	18.22	18.35	18.24	19.0	0.0
100	QPSK	1	137	18.14	18.23	18.26		
100	QPSK	1	271	18.21	18.19	18.15		
100	QPSK	135	0	18.23	18.20	18.22	19.0	0.0
100	QPSK	135	69	18.14	18.31	18.26		
100	QPSK	135	138	18.23	18.27	18.24		
100	QPSK	270	0	18.18	18.25	18.24	19.0	0.0
100	16QAM	1	1	18.16	18.29	18.19	19.0	0.0
100	64QAM	1	1	18.16	18.24	18.17	19.0	0.0
100	256QAM	1	1	18.19	18.29	18.24	19.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.13	18.16	18.10	19.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.10	18.12	18.09	19.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.13	18.16	18.14	19.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.11	18.09	18.12	19.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.16	18.16	18.13	19.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.12	18.16	18.18	19.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.15	18.19	18.13	19.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.16	18.19	18.19	19.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.09	18.09	18.17	19.0	0.0

PC2 FR1 n41 Ant4 ECI3

BW [MHz]	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	21.16	21.28	21.19	22.0	0.0
100	PI/2 BPSK	1	137	21.22	21.25	21.19		
100	PI/2 BPSK	1	271	21.29	21.28	21.21		
100	PI/2 BPSK	135	0	21.15	21.33	21.28	22.0	0.0
100	PI/2 BPSK	135	69	21.24	21.22	21.23	22.0	0.0
100	PI/2 BPSK	135	138	21.18	21.28	21.18	22.0	0.0
100	PI/2 BPSK	270	0	21.09	21.30	21.19		
100	QPSK	1	1	21.22	21.38	21.19	22.0	0.0
100	QPSK	1	137	21.09	21.20	21.29		
100	QPSK	1	271	21.26	21.14	21.16		
100	QPSK	135	0	21.27	21.16	21.22	22.0	0.0
100	QPSK	135	69	21.16	21.35	21.22		
100	QPSK	135	138	21.17	21.25	21.20		
100	QPSK	270	0	21.22	21.31	21.29	22.0	0.0
100	16QAM	1	1	21.13	21.23	21.15	22.0	0.0
100	64QAM	1	1	21.16	21.25	21.14	22.0	0.0
100	256QAM	1	1	21.21	21.32	21.24	22.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.13	21.26	21.07	22.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	21.14	21.33	21.05	22.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.17	21.29	21.12	22.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.17	21.29	21.07	22.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.12	21.26	21.09	22.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.14	21.29	21.04	22.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.14	21.24	21.05	22.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.15	21.33	21.10	22.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.17	21.22	21.05	22.0	0.0

FR1 n2 Ant5 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.86	20.93	20.95		
20	PI/2 BPSK	1	53	20.88	20.92	20.84	22.0	0.0
20	PI/2 BPSK	1	104	20.89	20.99	20.88		
20	PI/2 BPSK	50	0	20.90	20.91	20.93	22.0	0.0
20	PI/2 BPSK	50	28	20.89	21.01	20.86	22.0	0.0
20	PI/2 BPSK	50	56	20.86	20.94	20.92	22.0	0.0
20	PI/2 BPSK	100	0	20.90	21.00	20.84		
20	QPSK	1	1	20.90	21.05	20.91		
20	QPSK	1	53	20.87	20.96	20.90	22.0	0.0
20	QPSK	1	104	20.85	20.96	20.91		
20	QPSK	50	0	20.87	21.02	20.91	22.0	0.0
20	QPSK	50	28	20.92	21.03	20.92	22.0	0.0
20	QPSK	50	56	20.84	20.98	20.93	22.0	0.0
20	QPSK	100	0	20.85	20.97	20.91		
20	16QAM	1	1	20.83	20.92	20.86	22.0	0.0
20	64QAM	1	1	20.29	20.35	20.23	21.5	0.5
20	256QAM	1	1	18.36	18.47	18.43	19.5	2.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.78	20.84	20.80	22.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.77	20.92	20.77	22.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.77	20.82	20.77	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.07	20.14	20.09		
50	PI/2 BPSK	1	135	20.07	20.07	20.10	21.5	0.0
50	PI/2 BPSK	1	268	20.00	20.12	20.10		
50	PI/2 BPSK	135	0	19.97	20.08	20.03	21.5	0.0
50	PI/2 BPSK	135	68	20.02	20.15	20.12	21.5	0.0
50	PI/2 BPSK	135	135	19.99	20.12	20.06	21.5	0.0
50	PI/2 BPSK	270	0	20.04	20.17	20.10		
50	QPSK	1	1	20.04	20.21	20.12		
50	QPSK	1	135	19.99	20.12	20.02	21.5	0.0
50	QPSK	1	268	20.01	20.06	20.08		
50	QPSK	135	0	19.96	20.13	20.12	21.5	0.0
50	QPSK	135	68	20.05	20.15	20.06	21.5	0.0
50	QPSK	135	135	20.03	20.07	20.13	21.5	0.0
50	QPSK	270	0	19.97	20.14	20.13		
50	16QAM	1	1	20.03	20.12	20.13	21.5	0.0
50	64QAM	1	1	19.99	20.14	20.03	21.5	0.0
50	256QAM	1	1	17.95	18.06	17.97	19.5	2.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.94	20.05	19.92	21.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.86	20.04	19.93	21.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.90	20.00	19.99	21.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.95	19.95	19.94	21.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.97	20.04	20.00	21.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.86	19.98	20.02	21.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.97	19.97	19.97	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.41	22.45	22.40		
40	PI/2 BPSK	1	108	22.43	22.50	22.41	23.5	0.0
40	PI/2 BPSK	1	214	22.34	22.38	22.36		
40	PI/2 BPSK	108	0	22.37	22.40	22.36	23.5	0.0
40	PI/2 BPSK	108	54	22.38	22.42	22.33	23.5	0.0
40	PI/2 BPSK	108	108	22.40	22.48	22.39	23.5	0.0
40	PI/2 BPSK	216	0	22.41	22.41	22.31		
40	QPSK	1	1	22.34	22.53	22.41		
40	QPSK	1	108	22.35	22.41	22.34	23.5	0.0
40	QPSK	1	214	22.33	22.48	22.36		
40	QPSK	108	0	22.40	22.40	22.34	23.5	0.0
40	QPSK	108	54	22.34	22.51	22.32	23.5	0.0
40	QPSK	108	108	22.34	22.49	22.39	23.5	0.0
40	QPSK	216	0	22.43	22.45	22.34		
40	16QAM	1	1	22.40	22.42	22.31	23.5	0.0
40	64QAM	1	1	20.79	20.96	20.91	22.0	1.5
40	256QAM	1	1	18.86	19.09	18.91	20.0	3.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.24	22.33	22.28	23.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.28	22.32	22.21	23.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.25	22.34	22.26	23.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.27	22.40	22.27	23.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.23	22.30	22.23	23.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.26	22.37	22.28	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				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	21.35	21.41	21.35	22.5	0.0
40	PI/2 BPSK	1	53	21.38	21.44	21.35		
40	PI/2 BPSK	1	104	21.37	21.39	21.36		
40	PI/2 BPSK	50	0	21.29	21.50	21.31	22.5	0.0
40	PI/2 BPSK	50	28	21.34	21.41	21.43	22.5	0.0
40	PI/2 BPSK	50	56	21.39	21.46	21.42	22.5	0.0
40	PI/2 BPSK	100	0	21.37	21.48	21.33		
40	QPSK	1	1	21.39	21.53	21.34	22.5	0.0
40	QPSK	1	53	21.32	21.51	21.32		
40	QPSK	1	104	21.31	21.49	21.40		
40	QPSK	50	0	21.30	21.48	21.41	22.5	0.0
40	QPSK	50	28	21.38	21.50	21.37		
40	QPSK	50	56	21.33	21.48	21.36		
40	QPSK	100	0	21.37	21.43	21.32	22.5	0.0
40	16QAM	1	1	21.38	21.51	21.41	22.5	0.0
40	64QAM	1	1	20.35	20.41	20.34	21.5	1.0
40	256QAM	1	1	18.21	18.25	18.32	19.5	3.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	21.25	21.29	21.22	22.5	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	21.19	21.30	21.30	22.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.31	21.38	21.23	22.5	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	21.21	21.40	21.28	22.5	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	21.23	21.35	21.23	22.5	0.0

PC3 FR1 n41 Ant5 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.92	20.01	19.85	21.5	0.0
100	PI/2 BPSK	1	137	19.91	19.95	19.91		
100	PI/2 BPSK	1	271	19.89	20.00	19.83		
100	PI/2 BPSK	135	0	19.84	19.92	19.87	21.5	0.0
100	PI/2 BPSK	135	69	19.92	19.94	19.89	21.5	0.0
100	PI/2 BPSK	135	138	19.81	19.90	19.89	21.5	0.0
100	PI/2 BPSK	270	0	19.83	19.99	19.81		
100	QPSK	1	1	19.97	20.06	19.95	21.5	0.0
100	QPSK	1	137	19.86	19.95	19.93		
100	QPSK	1	271	19.91	19.98	19.84		
100	QPSK	135	0	19.93	20.02	19.85	21.5	0.0
100	QPSK	135	69	19.93	20.03	19.88		
100	QPSK	135	138	19.85	19.93	19.86		
100	QPSK	270	0	19.87	20.02	19.91	21.5	0.0
100	16QAM	1	1	19.83	19.95	19.85	21.5	0.0
100	64QAM	1	1	18.48	18.55	18.50	20.0	1.5
100	256QAM	1	1	16.43	16.61	16.50	18.0	3.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.87	19.93	19.86	21.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.86	19.92	19.88	21.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.91	19.95	19.85	21.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.91	19.94	19.90	21.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.86	20.01	19.83	21.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.90	19.92	19.84	21.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.90	19.93	19.82	21.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.89	19.98	19.90	21.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.92	19.99	19.89	21.5	0.0

PC2 FR1 n41 Ant5 ECI3

BW [MHz]	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	23.18	23.28	23.24	24.5	0.0
100	PI/2 BPSK	1	137	23.19	23.19	23.25		
100	PI/2 BPSK	1	271	23.12	23.29	23.26		
100	PI/2 BPSK	135	0	23.12	23.28	23.19	24.5	0.0
100	PI/2 BPSK	135	69	23.18	23.27	23.19	24.5	0.0
100	PI/2 BPSK	135	138	23.16	23.23	23.18	24.5	0.0
100	PI/2 BPSK	270	0	23.12	23.28	23.21		
100	QPSK	1	1	23.27	23.34	23.30	24.5	0.0
100	QPSK	1	137	23.22	23.19	23.16		
100	QPSK	1	271	23.22	23.21	23.22		
100	QPSK	135	0	23.13	23.26	23.21	24.5	0.0
100	QPSK	135	69	23.21	23.30	23.18		
100	QPSK	135	138	23.20	23.28	23.24		
100	QPSK	270	0	23.19	23.29	23.20	24.5	0.0
100	16QAM	1	1	23.17	23.23	23.23	24.5	0.0
100	64QAM	1	1	21.78	21.84	21.75	23.0	1.5
100	256QAM	1	1	19.83	19.84	19.83	21.0	3.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.21	23.27	23.26	24.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.24	23.29	23.27	24.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.17	23.30	23.19	24.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.16	23.29	23.22	24.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.16	23.28	23.20	24.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.14	23.31	23.27	24.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.15	23.30	23.25	24.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.21	23.25	23.27	24.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.17	23.21	23.21	24.5	0.0

FR1 n48 Ant6 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.42	17.43	17.41		
40	PI/2 BPSK	1	53	17.35	17.41	17.43	17.7	0.0
40	PI/2 BPSK	1	104	17.41	17.51	17.48		
40	PI/2 BPSK	50	0	17.40	17.50	17.49	17.7	0.0
40	PI/2 BPSK	50	28	17.42	17.42	17.38	17.7	0.0
40	PI/2 BPSK	50	56	17.43	17.47	17.48	17.7	0.0
40	PI/2 BPSK	100	0	17.40	17.42	17.46		
40	QPSK	1	1	17.37	17.55	17.45		
40	QPSK	1	53	17.36	17.46	17.42	17.7	0.0
40	QPSK	1	104	17.34	17.42	17.48		
40	QPSK	50	0	17.38	17.51	17.46		
40	QPSK	50	28	17.40	17.52	17.38	17.7	0.0
40	QPSK	50	56	17.38	17.44	17.42		
40	QPSK	100	0	17.33	17.44	17.39	17.7	0.0
40	16QAM	1	1	17.32	17.41	17.42	17.7	0.0
40	64QAM	1	1	17.41	17.46	17.38	17.7	0.0
40	256QAM	1	1	17.44	17.43	17.49	17.7	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690	17.7	0.0
20	QPSK	1	1	17.28	17.43	17.39		
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49	17.7	0.0
15	QPSK	1	1	17.23	17.34	17.29		
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98	17.7	0.0
10	QPSK	1	1	17.22	17.35	17.37		

PC3 FR1 n77 PartO Ant6 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.22	16.20	16.15		
100	PI/2 BPSK	1	137	16.23	16.23	16.19	17.5	0.0
100	PI/2 BPSK	1	271	16.19	16.19	16.16		
100	PI/2 BPSK	135	0	16.13	16.27	16.17	17.5	0.0
100	PI/2 BPSK	135	69	16.23	16.29	16.23	17.5	0.0
100	PI/2 BPSK	135	138	16.21	16.18	16.15	17.5	0.0
100	PI/2 BPSK	270	0	16.23	16.26	16.22		
100	QPSK	1	1	16.28	16.33	16.29		
100	QPSK	1	137	16.14	16.19	16.18	17.5	0.0
100	QPSK	1	271	16.21	16.21	16.15		
100	QPSK	135	0	16.18	16.25	16.22		
100	QPSK	135	69	16.20	16.28	16.23	17.5	0.0
100	QPSK	135	138	16.16	16.26	16.24		
100	QPSK	270	0	16.15	16.25	16.20	17.5	0.0
100	16QAM	1	1	16.24	16.23	16.17	17.5	0.0
100	64QAM	1	1	16.16	16.23	16.23	17.5	0.0
100	256QAM	1	1	16.18	16.25	16.15	17.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	17.5	0.0
90	QPSK	1	1	16.25	16.26	16.24		
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	17.5	0.0
80	QPSK	1	1	16.19	16.28	16.18		
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945	17.5	0.0
70	QPSK	1	1	16.21	16.21	16.16		
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	17.5	0.0
60	QPSK	1	1	16.15	16.22	16.25		
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	17.5	0.0
50	QPSK	1	1	16.20	16.28	16.23		
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960	17.5	0.0
40	QPSK	1	1	16.19	16.24	16.24		
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98	17.5	0.0
30	QPSK	1	1	16.25	16.19	16.26		
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50	17.5	0.0
25	QPSK	1	1	16.23	16.21	16.21		
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	17.5	0.0
20	QPSK	1	1	16.19	16.31	16.16		
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	17.5	0.0
15	QPSK	1	1	16.16	16.31	16.26		
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975	17.5	0.0
10	QPSK	1	1	16.23	16.28	16.24		

PC2 FR1 n77 PartO Ant6 ECI3

BW [MHz]	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		19.07			
100	PI/2 BPSK	1	137		19.03		20.5	0.0
100	PI/2 BPSK	1	271		19.09			
100	PI/2 BPSK	135	0		19.08		20.5	0.0
100	PI/2 BPSK	135	69		18.97		20.5	0.0
100	PI/2 BPSK	135	138		19.01		20.5	0.0
100	PI/2 BPSK	270	0		19.04			
100	QPSK	1	1		19.13			
100	QPSK	1	137		19.04		20.5	0.0
100	QPSK	1	271		18.97			
100	QPSK	135	0		18.97			
100	QPSK	135	69		19.10		20.5	0.0
100	QPSK	135	138		18.98			
100	QPSK	270	0		19.08		20.5	0.0
100	16QAM	1	1		19.03		20.5	0.0
100	64QAM	1	1		19.07		20.5	0.0
100	256QAM	1	1		19.05		20.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	20.5	0.0
90	QPSK	1	1	19.06	19.10	19.08		
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	20.5	0.0
80	QPSK	1	1	19.03	18.99	18.96		
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945	20.5	0.0
70	QPSK	1	1	19.00	19.00	18.98		
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	20.5	0.0
60	QPSK	1	1	19.00	19.02	18.97		
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	20.5	0.0
50	QPSK	1	1	18.97	19.08	18.96		
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960	20.5	0.0
40	QPSK	1	1	19.03	19.00	19.00		
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98	20.5	0.0
30	QPSK	1	1	19.01	18.97	19.00		
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50	20.5	0.0
25	QPSK	1	1	19.02	19.01	19.05		
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	20.5	0.0
20	QPSK	1	1	19.04	19.01	19.03		
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	20.5	0.0
15	QPSK	1	1	18.94	19.05	19.06		
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975	20.5	0.0
10	QPSK	1	1	18.99	19.01	19.01		

PC3 FR1 n77 PartQ Ant6 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		16.38			
100	PI/2 BPSK	1	137		16.42		17.5	0.0
100	PI/2 BPSK	1	271		16.40			
100	PI/2 BPSK	135	0		16.45		17.5	0.0
100	PI/2 BPSK	135	69		16.44		17.5	0.0
100	PI/2 BPSK	135	138		16.41		17.5	0.0
100	PI/2 BPSK	270	0		16.43			
100	QPSK	1	1		16.51			
100	QPSK	1	137		16.46		17.5	0.0
100	QPSK	1	271		16.44			
100	QPSK	135	0		16.38			
100	QPSK	135	69		16.48		17.5	0.0
100	QPSK	135	138		16.46			
100	QPSK	270	0		16.46		17.5	0.0
100	16QAM	1	1		16.39		17.5	0.0
100	64QAM	1	1		16.38		17.5	0.0
100	256QAM	1	1		16.44		17.5	0.0
	Channel			633000	633332	633666	Tune-	MPR
	Frequency (MHz)			3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	16.36	16.44	16.38	17.5	0.0
	Channel			632668	633332	634000	Tune-	MPR
	Frequency (MHz)			3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	16.33	16.35	16.31	17.5	0.0
	Channel			632334	633332	634332	Tune-	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	16.27	16.39	16.31	17.5	0.0
	Channel			632000	633332	634666	Tune-	MPR
	Frequency (MHz)			3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	16.27	16.38	16.34	17.5	0.0
	Channel			631668	633332	635000	Tune-	MPR
	Frequency (MHz)			3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	16.24	16.33	16.29	17.5	0.0
	Channel			631334	633332	635332	Tune-	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	16.32	16.34	16.29	17.5	0.0
	Channel			631000	633332	635666	Tune-	MPR
	Frequency (MHz)			3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	16.26	16.35	16.32	17.5	0.0
	Channel			630834	633332	635832	Tune-	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	16.30	16.34	16.25	17.5	0.0
	Channel			630668	633332	636000	Tune-	MPR
	Frequency (MHz)			3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	16.29	16.42	16.25	17.5	0.0
	Channel			630500	633332	636166	Tune-	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	16.25	16.40	16.28	17.5	0.0
	Channel			630334	633332	636332	Tune-	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	16.24	16.31	16.28	17.5	0.0

PC2 FR1 n77 PartQ Ant6 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		19.40			
100	PI/2 BPSK	1	137		19.33		20.5	0.0
100	PI/2 BPSK	1	271		19.38			
100	PI/2 BPSK	135	0		19.38		20.5	0.0
100	PI/2 BPSK	135	69		19.35		20.5	0.0
100	PI/2 BPSK	135	138		19.31		20.5	0.0
100	PI/2 BPSK	270	0		19.36			
100	QPSK	1	1		19.45			
100	QPSK	1	137		19.34		20.5	0.0
100	QPSK	1	271		19.36			
100	QPSK	135	0		19.31			
100	QPSK	135	69		19.43		20.5	0.0
100	QPSK	135	138		19.40			
100	QPSK	270	0		19.38		20.5	0.0
100	16QAM	1	1		19.32		20.5	0.0
100	64QAM	1	1		19.36		20.5	0.0
100	256QAM	1	1		19.35		20.5	0.0
	Channel			633000	633332	633666	Tune-	MPR
	Frequency (MHz)			3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	19.38	19.40	19.35	20.5	0.0
	Channel			632668	633332	634000	Tune-	MPR
	Frequency (MHz)			3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	19.32	19.31	19.31	20.5	0.0
	Channel			632334	633332	634332	Tune-	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	19.30	19.38	19.32	20.5	0.0
	Channel			632000	633332	634666	Tune-	MPR
	Frequency (MHz)			3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	19.30	19.29	19.24	20.5	0.0
	Channel			631668	633332	635000	Tune-	MPR
	Frequency (MHz)			3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	19.35	19.38	19.21	20.5	0.0
	Channel			631334	633332	635332	Tune-	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	19.33	19.34	19.30	20.5	0.0
	Channel			631000	633332	635666	Tune-	MPR
	Frequency (MHz)			3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	19.26	19.34	19.24	20.5	0.0
	Channel			630834	633332	635832	Tune-	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	19.34	19.31	19.25	20.5	0.0
	Channel			630668	633332	636000	Tune-	MPR
	Frequency (MHz)			3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	19.33	19.34	19.26	20.5	0.0
	Channel			630500	633332	636166	Tune-	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	19.29	19.36	19.25	20.5	0.0
	Channel			630334	633332	636332	Tune-	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	19.31	19.26	19.21	20.5	0.0

PC3 FR1 n78 PartO Ant6 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		16.48			
100	PI/2 BPSK	1	137		16.45		17.0	0.0
100	PI/2 BPSK	1	271		16.37			
100	PI/2 BPSK	135	0		16.43		17.0	0.0
100	PI/2 BPSK	135	69		16.40		17.0	0.0
100	PI/2 BPSK	135	138		16.41		17.0	0.0
100	PI/2 BPSK	270	0		16.48			
100	QPSK	1	1		16.51			
100	QPSK	1	137		16.45		17.0	0.0
100	QPSK	1	271		16.43			
100	QPSK	135	0		16.38			
100	QPSK	135	69		16.47		17.0	0.0
100	QPSK	135	138		16.44			
100	QPSK	270	0		16.47		17.0	0.0
100	16QAM	1	1		16.39		17.0	0.0
100	64QAM	1	1		16.37		17.0	0.0
100	256QAM	1	1		16.47		17.0	0.0
	Channel			649668	650000	650332	Tune-	MPR
	Frequency (MHz)			3745.02	3750	3754.98	up limit	(dB)
90	QPSK	1	1	16.37	16.29	16.30	17.0	0.0
	Channel			649334	650000	650666	Tune-	MPR
	Frequency (MHz)			3740.01	3750	3759.99	up limit	(dB)
80	QPSK	1	1	16.36	16.31	16.28	17.0	0.0
	Channel			649000	650000	651000	Tune-	MPR
	Frequency (MHz)			3735	3750	3765	up limit	(dB)
70	QPSK	1	1	16.25	16.26	16.35	17.0	0.0
	Channel			648668	650000	651332	Tune-	MPR
	Frequency (MHz)			3730.02	3750	3769.98	up limit	(dB)
60	QPSK	1	1	16.30	16.32	16.33	17.0	0.0
	Channel			648334	650000	651666	Tune-	MPR
	Frequency (MHz)			3725.01	3750	3774.99	up limit	(dB)
50	QPSK	1	1	16.27	16.35	16.35	17.0	0.0
	Channel			648000	650000	652000	Tune-	MPR
	Frequency (MHz)			3720	3750	3780	up limit	(dB)
40	QPSK	1	1	16.32	16.29	16.34	17.0	0.0
	Channel			647668	650000	652332	Tune-	MPR
	Frequency (MHz)			3715.02	3750.00	3784.98	up limit	(dB)
30	QPSK	1	1	16.34	16.36	16.30	17.0	0.0
	Channel			647500	650000	652500	Tune-	MPR
	Frequency (MHz)			3712.5	3750.00	3787.50	up limit	(dB)
25	QPSK	1	1	16.31	16.30	16.27	17.0	0.0
	Channel			647334	650000	652666	Tune-	MPR
	Frequency (MHz)			3710.01	3750	3789.99	up limit	(dB)
20	QPSK	1	1	16.25	16.31	16.27	17.0	0.0
	Channel			647168	650000	652832	Tune-	MPR
	Frequency (MHz)			3707.52	3750	3792.48	up limit	(dB)
15	QPSK	1	1	16.36	16.34	16.25	17.0	0.0
	Channel			647000	650000	653000	Tune-	MPR
	Frequency (MHz)			3705	3750	3795	up limit	(dB)
10	QPSK	1	1	16.34	16.29	16.34	17.0	0.0

PC2 FR1 n78 PartO Ant6 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.45			
100	PI/2 BPSK	1	137		19.48		20.0	0.0
100	PI/2 BPSK	1	271		19.43			
100	PI/2 BPSK	135	0		19.49		20.0	0.0
100	PI/2 BPSK	135	69		19.36		20.0	0.0
100	PI/2 BPSK	135	138		19.46		20.0	0.0
100	PI/2 BPSK	270	0		19.54			
100	QPSK	1	1		19.55			
100	QPSK	1	137		19.43		20.0	0.0
100	QPSK	1	271		19.42			
100	QPSK	135	0		19.33			
100	QPSK	135	69		19.48		20.0	0.0
100	QPSK	135	138		19.45			
100	QPSK	270	0		19.45		20.0	0.0
100	16QAM	1	1		19.45		20.0	0.0
100	64QAM	1	1		19.39		20.0	0.0
100	256QAM	1	1		19.48		20.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.42	19.44	19.40	20.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.44	19.36	19.39	20.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.47	19.46	19.45	20.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.38	19.47	19.47	20.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.45	19.44	19.36	20.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.46	19.45	19.37	20.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	19.48	19.38	19.45	20.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	19.46	19.45	19.40	20.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.46	19.48	19.46	20.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	19.41	19.41	19.44	20.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.39	19.43	19.39	20.0	0.0

PC3 FR1 n78 PartQ Ant6 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.56			
100	PI/2 BPSK	1	137		16.45		17.0	0.0
100	PI/2 BPSK	1	271		16.50			
100	PI/2 BPSK	135	0		16.49		17.0	0.0
100	PI/2 BPSK	135	69		16.49		17.0	0.0
100	PI/2 BPSK	135	138		16.53		17.0	0.0
100	PI/2 BPSK	270	0		16.54			
100	QPSK	1	1		16.58			
100	QPSK	1	137		16.48		17.0	0.0
100	QPSK	1	271		16.46			
100	QPSK	135	0		16.50			
100	QPSK	135	69		16.57		17.0	0.0
100	QPSK	135	138		16.56			
100	QPSK	270	0		16.56		17.0	0.0
100	16QAM	1	1		16.51		17.0	0.0
100	64QAM	1	1		16.47		17.0	0.0
100	256QAM	1	1		16.46		17.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.43	16.42	16.35	17.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.34	16.42	16.40	17.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.34	16.39	16.41	17.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.35	16.40	16.41	17.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.35	16.33	16.42	17.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.45	16.35	16.39	17.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.44	16.41	16.44	17.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	16.39	16.34	16.44	17.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.42	16.45	16.34	17.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.43	16.41	16.35	17.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.35	16.40	16.39	17.0	0.0

PC2 FR1 n78 PartQ Ant6 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.53			
100	PI/2 BPSK	1	137		19.49		20.0	0.0
100	PI/2 BPSK	1	271		19.55			
100	PI/2 BPSK	135	0		19.54		20.0	0.0
100	PI/2 BPSK	135	69		19.51		20.0	0.0
100	PI/2 BPSK	135	138		19.57		20.0	0.0
100	PI/2 BPSK	270	0		19.51			
100	QPSK	1	1		19.59			
100	QPSK	1	137		19.49		20.0	0.0
100	QPSK	1	271		19.49			
100	QPSK	135	0		19.46			
100	QPSK	135	69		19.58		20.0	0.0
100	QPSK	135	138		19.57			
100	QPSK	270	0		19.53		20.0	0.0
100	16QAM	1	1		19.56		20.0	0.0
100	64QAM	1	1		19.47		20.0	0.0
100	256QAM	1	1		19.45		20.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.45	19.44	19.44	20.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.49	19.47	19.53	20.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.50	19.53	19.46	20.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.44	19.45	19.52	20.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.45	19.54	19.44	20.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.53	19.52	19.49	20.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.55	19.43	19.53	20.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.52	19.43	19.45	20.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.47	19.49	19.49	20.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.50	19.49	19.46	20.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.47	19.49	19.50	20.0	0.0

FR1 n48 Ant7 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	18.45	18.57	18.49	19.5	0.0
40	PI/2 BPSK	1	53	18.40	18.52	18.45		
40	PI/2 BPSK	1	104	18.43	18.54	18.55		
40	PI/2 BPSK	50	0	18.47	18.54	18.51	19.5	0.0
40	PI/2 BPSK	50	28	18.43	18.56	18.51	19.5	0.0
40	PI/2 BPSK	50	56	18.42	18.53	18.52	19.5	0.0
40	PI/2 BPSK	100	0	18.45	18.52	18.52		
40	QPSK	1	1	18.49	18.59	18.46	19.5	0.0
40	QPSK	1	53	18.44	18.58	18.48		
40	QPSK	1	104	18.51	18.52	18.46		
40	QPSK	50	0	18.41	18.50	18.45	19.5	0.0
40	QPSK	50	28	18.39	18.58	18.49		
40	QPSK	50	56	18.39	18.53	18.45		
40	QPSK	100	0	18.41	18.55	18.44	19.5	0.0
40	16QAM	1	1	18.47	18.54	18.46	19.5	0.0
40	64QAM	1	1	18.51	18.51	18.55	19.5	0.0
40	256QAM	1	1	18.42	18.51	18.49	19.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.34	18.42	18.37	19.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.31	18.43	18.40	19.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.35	18.50	18.34	19.5	0.0

3.35
24.65

PC3 FR1 n77 PartO Ant7 ECI3

BW [MHz]	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	17.74	17.80	17.79	19.5	0.0
100	PI/2 BPSK	1	137	17.78	17.82	17.78		
100	PI/2 BPSK	1	271	17.77	17.81	17.83		
100	PI/2 BPSK	135	0	17.81	17.83	17.86	19.5	0.0
100	PI/2 BPSK	135	69	17.83	17.78	17.82	19.5	0.0
100	PI/2 BPSK	135	138	17.79	17.83	17.84	19.5	0.0
100	PI/2 BPSK	270	0	17.79	17.80	17.83		
100	QPSK	1	1	17.78	17.91	17.79	19.5	0.0
100	QPSK	1	137	17.73	17.83	17.78		
100	QPSK	1	271	17.76	17.88	17.76		
100	QPSK	135	0	17.80	17.78	17.85	19.5	0.0
100	QPSK	135	69	17.81	17.86	17.79		
100	QPSK	135	138	17.73	17.80	17.85		
100	QPSK	270	0	17.72	17.85	17.80	19.5	0.0
100	16QAM	1	1	17.72	17.77	17.75	19.5	0.0
100	64QAM	1	1	17.75	17.87	17.78	19.5	0.0
100	256QAM	1	1	17.80	17.79	17.83	19.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.69	17.79	17.66	19.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.63	17.76	17.71	19.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.74	17.78	17.75	19.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.66	17.67	17.77	19.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.68	17.71	17.74	19.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.68	17.75	17.75	19.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	17.71	17.78	17.73	19.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	17.65	17.70	17.70	19.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.63	17.72	17.69	19.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.62	17.72	17.74	19.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.70	17.69	17.74	19.5	0.0

PC2 FR1 n77 PartO Ant7 ECI3

BW [MHz]	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	20.74	20.77	20.84	22.5	0.0
100	PI/2 BPSK	1	137	20.82	20.82	20.83		
100	PI/2 BPSK	1	271	20.73	20.82	20.85		
100	PI/2 BPSK	135	0	20.75	20.85	20.83	22.5	0.0
100	PI/2 BPSK	135	69	20.80	20.78	20.83	22.5	0.0
100	PI/2 BPSK	135	138	20.74	20.88	20.83	22.5	0.0
100	PI/2 BPSK	270	0	20.85	20.79	20.80		
100	QPSK	1	1	20.75	20.94	20.73	22.5	0.0
100	QPSK	1	137	20.77	20.87	20.83		
100	QPSK	1	271	20.79	20.90	20.71		
100	QPSK	135	0	20.83	20.72	20.70	22.5	0.0
100	QPSK	135	69	20.80	20.88	20.77		
100	QPSK	135	138	20.68	20.82	20.85		
100	QPSK	270	0	20.77	20.83	20.81	22.5	0.0
100	16QAM	1	1	20.68	20.81	20.77	22.5	0.0
100	64QAM	1	1	20.71	20.92	20.80	22.5	0.0
100	256QAM	1	1	19.83	19.73	19.88	21.5	1.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	20.70	20.83	20.62	22.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.66	20.81	20.60	22.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.68	20.87	20.66	22.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	20.61	20.90	20.63	22.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	20.65	20.82	20.61	22.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.68	20.87	20.61	22.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	20.64	20.84	20.64	22.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	20.67	20.83	20.59	22.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	20.62	20.87	20.61	22.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	20.62	20.88	20.68	22.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.70	20.86	20.67	22.5	0.0

PC3 FR1 n77 PartQ Ant7 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.24			
100	PI/2 BPSK	1	137		18.31		19.5	0.0
100	PI/2 BPSK	1	271		18.23			
100	PI/2 BPSK	135	0		18.25		19.5	0.0
100	PI/2 BPSK	135	69		18.26		19.5	0.0
100	PI/2 BPSK	135	138		18.24		19.5	0.0
100	PI/2 BPSK	270	0		18.33			
100	QPSK	1	1		18.35			
100	QPSK	1	137		18.23		19.5	0.0
100	QPSK	1	271		18.26			
100	QPSK	135	0		18.26			
100	QPSK	135	69		18.31		19.5	0.0
100	QPSK	135	138		18.26			
100	QPSK	270	0		18.30		19.5	0.0
100	16QAM	1	1		18.24		19.5	0.0
100	64QAM	1	1		18.25		19.5	0.0
100	256QAM	1	1		18.30		19.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.26	18.17	18.16	19.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.26	18.16	18.18	19.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.19	18.17	18.15	19.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.21	18.17	18.22	19.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.25	18.23	18.23	19.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.25	18.15	18.20	19.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.19	18.24	18.18	19.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.18	18.18	18.23	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.18	18.21	18.25	19.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.18	18.16	18.16	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.15	18.17	18.26	19.5	0.0

PC2 FR1 n77 PartQ Ant7 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.27			
100	PI/2 BPSK	1	137		21.28		22.5	0.0
100	PI/2 BPSK	1	271		21.27			
100	PI/2 BPSK	135	0		21.28		22.5	0.0
100	PI/2 BPSK	135	69		21.25		22.5	0.0
100	PI/2 BPSK	135	138		21.20		22.5	0.0
100	PI/2 BPSK	270	0		21.33			
100	QPSK	1	1		21.39			
100	QPSK	1	137		21.18		22.5	0.0
100	QPSK	1	271		21.26			
100	QPSK	135	0		21.27			
100	QPSK	135	69		21.36		22.5	0.0
100	QPSK	135	138		21.29			
100	QPSK	270	0		21.35		22.5	0.0
100	16QAM	1	1		21.21		22.5	0.0
100	64QAM	1	1		21.20		22.5	0.0
100	256QAM	1	1		20.26		21.5	1.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.32	21.32	21.31	22.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.29	21.28	21.35	22.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.34	21.29	21.34	22.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.30	21.32	21.26	22.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.27	21.28	21.26	22.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.32	21.34	21.26	22.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.26	21.32	21.35	22.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.32	21.24	21.33	22.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.33	21.25	21.30	22.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.34	21.26	21.24	22.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.33	21.27	21.33	22.5	0.0

PC3 FR1 n78 PartO Ant7 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.43		
100	PI/2 BPSK	1	137		17.43		18.5
100	PI/2 BPSK	1	271		17.45		
100	PI/2 BPSK	135	0		17.41		18.5
100	PI/2 BPSK	135	69		17.37		18.5
100	PI/2 BPSK	135	138		17.40		18.5
100	PI/2 BPSK	270	0		17.43		
100	QPSK	1	1		17.46		
100	QPSK	1	137		17.35		18.5
100	QPSK	1	271		17.37		
100	QPSK	135	0		17.40		
100	QPSK	135	69		17.45		18.5
100	QPSK	135	138		17.40		
100	QPSK	270	0		17.38		18.5
100	16QAM	1	1		17.45		18.5
100	64QAM	1	1		17.45		18.5
100	256QAM	1	1		17.44		18.5
Channel				649668	650000	650332	Tune-up limit
Frequency (MHz)				3745.02	3750	3754.98	
90	QPSK	1	1	17.27	17.34	17.31	18.5
Channel				649334	650000	650666	Tune-up limit
Frequency (MHz)				3740.01	3750	3759.99	
80	QPSK	1	1	17.33	17.29	17.26	18.5
Channel				649000	650000	651000	Tune-up limit
Frequency (MHz)				3735	3750	3765	
70	QPSK	1	1	17.33	17.35	17.26	18.5
Channel				648668	650000	651332	Tune-up limit
Frequency (MHz)				3730.02	3750	3769.98	
60	QPSK	1	1	17.32	17.28	17.31	18.5
Channel				648334	650000	651666	Tune-up limit
Frequency (MHz)				3725.01	3750	3774.99	
50	QPSK	1	1	17.33	17.34	17.29	18.5
Channel				648000	650000	652000	Tune-up limit
Frequency (MHz)				3720	3750	3780	
40	QPSK	1	1	17.34	17.34	17.37	18.5
Channel				647668	650000	652332	Tune-up limit
Frequency (MHz)				3715.02	3750.00	3784.98	
30	QPSK	1	1	17.37	17.27	17.37	18.5
Channel				647500	650000	652500	Tune-up limit
Frequency (MHz)				3712.5	3750.00	3787.50	
25	QPSK	1	1	17.27	17.31	17.27	18.5
Channel				647334	650000	652666	Tune-up limit
Frequency (MHz)				3710.01	3750	3789.99	
20	QPSK	1	1	17.35	17.30	17.27	18.5
Channel				647168	650000	652832	Tune-up limit
Frequency (MHz)				3707.52	3750	3792.48	
15	QPSK	1	1	17.33	17.30	17.30	18.5
Channel				647000	650000	653000	Tune-up limit
Frequency (MHz)				3705	3750	3795	
10	QPSK	1	1	17.37	17.32	17.35	18.5

PC2 FR1 n78 PartO Ant7 ECI3

MPR (dB)	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel				650000			
		Frequency (MHz)				3750			
0.0	100	PI/2 BPSK	1	1		20.37			
	100	PI/2 BPSK	1	137		20.40		21.5	0.0
	100	PI/2 BPSK	1	271		20.42			
0.0	100	PI/2 BPSK	135	0		20.41		21.5	0.0
0.0	100	PI/2 BPSK	135	69		20.40		21.5	0.0
0.0	100	PI/2 BPSK	135	138		20.38		21.5	0.0
	100	PI/2 BPSK	270	0		20.48			
0.0	100	QPSK	1	1		20.51			
	100	QPSK	1	137		20.39		21.5	0.0
	100	QPSK	1	271		20.36			
0.0	100	QPSK	135	0		20.38			
	100	QPSK	135	69		20.47		21.5	0.0
	100	QPSK	135	138		20.35			
0.0	100	QPSK	270	0		20.39		21.5	0.0
0.0	100	16QAM	1	1		20.45		21.5	0.0
0.0	100	64QAM	1	1		20.48		21.5	0.0
0.0	100	256QAM	1	1		20.43		21.5	0.0
MPR (dB)		Channel			649668	650000	650332	Tune-up limit	MPR (dB)
		Frequency (MHz)			3745.02	3750	3754.98		
0.0	90	QPSK	1	1	20.36	20.41	20.43	21.5	0.0
MPR (dB)		Channel			649334	650000	650666	Tune-up limit	MPR (dB)
		Frequency (MHz)			3740.01	3750	3759.99		
0.0	80	QPSK	1	1	20.40	20.41	20.38	21.5	0.0
MPR (dB)		Channel			649000	650000	651000	Tune-up limit	MPR (dB)
		Frequency (MHz)			3735	3750	3765		
0.0	70	QPSK	1	1	20.44	20.41	20.36	21.5	0.0
MPR (dB)		Channel			648668	650000	651332	Tune-up limit	MPR (dB)
		Frequency (MHz)			3730.02	3750	3769.98		
0.0	60	QPSK	1	1	20.42	20.40	20.41	21.5	0.0
MPR (dB)		Channel			648334	650000	651666	Tune-up limit	MPR (dB)
		Frequency (MHz)			3725.01	3750	3774.99		
0.0	50	QPSK	1	1	20.43	20.46	20.39	21.5	0.0
MPR (dB)		Channel			648000	650000	652000	Tune-up limit	MPR (dB)
		Frequency (MHz)			3720	3750	3780		
0.0	40	QPSK	1	1	20.44	20.41	20.42	21.5	0.0
MPR (dB)		Channel			647668	650000	652332	Tune-up limit	MPR (dB)
		Frequency (MHz)			3715.02	3750.00	3784.98		
0.0	30	QPSK	1	1	20.46	20.40	20.36	21.5	0.0
MPR (dB)		Channel			647334	650000	652666	Tune-up limit	MPR (dB)
		Frequency (MHz)			3712.5	3750.00	3787.50		
0.0	25	QPSK	1	1	20.39	20.37	20.39	21.5	0.0
MPR (dB)		Channel			647334	650000	652666	Tune-up limit	MPR (dB)
		Frequency (MHz)			3710.01	3750	3789.99		
0.0	20	QPSK	1	1	20.36	20.40	20.41	21.5	0.0
MPR (dB)		Channel			647168	650000	652832	Tune-up limit	MPR (dB)
		Frequency (MHz)			3707.52	3750	3792.48		
0.0	15	QPSK	1	1	20.45	20.41	20.47	21.5	0.0
MPR (dB)		Channel			647000	650000	653000	Tune-up limit	MPR (dB)
		Frequency (MHz)			3705	3750	3795		
0.0	10	QPSK	1	1	20.46	20.43	20.36	21.5	0.0

PC3 FR1 n78 PartQ Ant7 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		17.81			
100	PI/2 BPSK	1	137		17.78		18.5	0.0
100	PI/2 BPSK	1	271		17.86			
100	PI/2 BPSK	135	0		17.81		18.5	0.0
100	PI/2 BPSK	135	69		17.85		18.5	0.0
100	PI/2 BPSK	135	138		17.81		18.5	0.0
100	PI/2 BPSK	270	0		17.87			
100	QPSK	1	1		17.93			
100	QPSK	1	137		17.87		18.5	0.0
100	QPSK	1	271		17.89			
100	QPSK	135	0		17.81			
100	QPSK	135	69		17.91		18.5	0.0
100	QPSK	135	138		17.88			
100	QPSK	270	0		17.83		18.5	0.0
100	16QAM	1	1		17.80		18.5	0.0
100	64QAM	1	1		17.85		18.5	0.0
100	256QAM	1	1		17.79		18.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	17.76	17.73	17.69	18.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	17.71	17.69	17.77	18.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	17.79	17.78	17.77	18.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	17.70	17.75	17.70	18.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	17.70	17.77	17.73	18.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	17.68	17.72	17.73	18.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	17.74	17.79	17.75	18.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	17.72	17.74	17.78	18.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	17.73	17.70	17.77	18.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	17.74	17.68	17.74	18.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	17.75	17.70	17.71	18.5	0.0

PC2 FR1 n78 PartQ Ant7 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		20.81			
100	PI/2 BPSK	1	137		20.78		21.5	0.0
100	PI/2 BPSK	1	271		20.85			
100	PI/2 BPSK	135	0		20.85		21.5	0.0
100	PI/2 BPSK	135	69		20.83		21.5	0.0
100	PI/2 BPSK	135	138		20.86		21.5	0.0
100	PI/2 BPSK	270	0		20.87			
100	QPSK	1	1		20.96			
100	QPSK	1	137		20.93		21.5	0.0
100	QPSK	1	271		20.94			
100	QPSK	135	0		20.86			
100	QPSK	135	69		20.94		21.5	0.0
100	QPSK	135	138		20.84			
100	QPSK	270	0		20.82		21.5	0.0
100	16QAM	1	1		20.81		21.5	0.0
100	64QAM	1	1		20.88		21.5	0.0
100	256QAM	1	1		20.82		21.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	20.82	20.79	20.82	21.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	20.80	20.81	20.79	21.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	20.82	20.79	20.88	21.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	20.87	20.90	20.84	21.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	20.84	20.84	20.89	21.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	20.79	20.82	20.83	21.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	20.86	20.82	20.80	21.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	20.89	20.84	20.87	21.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	20.88	20.78	20.82	21.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	20.87	20.86	20.84	21.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	20.80	20.78	20.79	21.5	0.0

FR1 n48 Ant8 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.67	21.68	21.59	22.5	0.0
40	PI/2 BPSK	1	53	21.61	21.70	21.64		
40	PI/2 BPSK	1	104	21.58	21.67	21.65		
40	PI/2 BPSK	50	0	21.64	21.72	21.58	22.5	0.0
40	PI/2 BPSK	50	28	21.57	21.73	21.62	22.5	0.0
40	PI/2 BPSK	50	56	21.63	21.64	21.60	22.5	0.0
40	PI/2 BPSK	100	0	21.67	21.70	21.60		
40	QPSK	1	1	21.62	21.75	21.58	22.5	0.0
40	QPSK	1	53	21.59	21.69	21.62		
40	QPSK	1	104	21.67	21.66	21.60		
40	QPSK	50	0	21.60	21.62	21.58	22.5	0.0
40	QPSK	50	28	21.58	21.69	21.68		
40	QPSK	50	56	21.59	21.64	21.61		
40	QPSK	100	0	21.63	21.70	21.61	22.5	0.0
40	16QAM	1	1	21.58	21.72	21.64	22.5	0.0
40	64QAM	1	1	21.65	21.65	21.61	22.5	0.0
40	256QAM	1	1	21.50	21.61	21.46	22.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.54	21.57	21.47	22.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.50	21.63	21.52	22.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.56	21.60	21.53	22.5	0.0

PC3 FR1 n77 PartO Ant8 ECI3

BW [MHz]	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	15.79	15.94	15.81	17.5	0.0
100	PI/2 BPSK	1	137	15.83	15.93	15.80		
100	PI/2 BPSK	1	271	15.79	15.97	15.87		
100	PI/2 BPSK	135	0	15.79	15.88	15.80	17.5	0.0
100	PI/2 BPSK	135	69	15.85	15.98	15.81	17.5	0.0
100	PI/2 BPSK	135	138	15.81	15.90	15.79	17.5	0.0
100	PI/2 BPSK	270	0	15.88	15.94	15.79		
100	QPSK	1	1	15.80	15.99	15.80	17.5	0.0
100	QPSK	1	137	15.78	15.93	15.82		
100	QPSK	1	271	15.79	15.93	15.81		
100	QPSK	135	0	15.85	15.90	15.81	17.5	0.0
100	QPSK	135	69	15.89	15.98	15.76		
100	QPSK	135	138	15.89	15.89	15.76		
100	QPSK	270	0	15.84	15.92	15.86	17.5	0.0
100	16QAM	1	1	15.88	15.91	15.83	17.5	0.0
100	64QAM	1	1	15.90	15.98	15.80	17.5	0.0
100	256QAM	1	1	15.82	15.96	15.81	17.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.69	15.85	15.76	17.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.73	15.84	15.77	17.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.73	15.81	15.74	17.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.70	15.82	15.66	17.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.75	15.80	15.69	17.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.76	15.80	15.76	17.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	15.73	15.77	15.76	17.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	15.75	15.88	15.70	17.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.70	15.86	15.75	17.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.76	15.79	15.69	17.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.70	15.82	15.74	17.5	0.0

PC2 FR1 n77 PartO Ant8 ECI3

BW [MHz]	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	18.85	18.89	18.82	20.5	0.0
100	PI/2 BPSK	1	137	18.84	18.98	18.74		
100	PI/2 BPSK	1	271	18.84	18.97	18.87		
100	PI/2 BPSK	135	0	18.76	18.85	18.76	20.5	0.0
100	PI/2 BPSK	135	69	18.82	18.99	18.86	20.5	0.0
100	PI/2 BPSK	135	138	18.85	18.90	18.76	20.5	0.0
100	PI/2 BPSK	270	0	18.92	18.95	18.82		
100	QPSK	1	1	18.84	19.05	18.75	20.5	0.0
100	QPSK	1	137	18.78	18.88	18.78		
100	QPSK	1	271	18.73	18.98	18.84		
100	QPSK	135	0	18.81	18.93	18.85	20.5	0.0
100	QPSK	135	69	18.88	18.96	18.72		
100	QPSK	135	138	18.88	18.85	18.76		
100	QPSK	270	0	18.81	18.96	18.84	20.5	0.0
100	16QAM	1	1	18.92	18.95	18.84	20.5	0.0
100	64QAM	1	1	18.89	19.02	18.75	20.5	0.0
100	256QAM	1	1	18.77	18.92	18.80	20.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.74	18.92	18.70	20.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.77	18.85	18.59	20.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.71	18.88	18.68	20.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.72	18.93	18.69	20.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.74	18.95	18.64	20.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.79	18.92	18.68	20.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	18.76	18.91	18.69	20.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	18.72	18.86	18.61	20.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.73	18.85	18.65	20.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.76	18.94	18.64	20.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.72	18.94	18.69	20.5	0.0

PC3 FR1 n77 PartQ Ant8 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		16.11			
100	PI/2 BPSK	1	137		16.17		17.5	0.0
100	PI/2 BPSK	1	271		16.09			
100	PI/2 BPSK	135	0		16.07		17.5	0.0
100	PI/2 BPSK	135	69		16.12		17.5	0.0
100	PI/2 BPSK	135	138		16.14		17.5	0.0
100	PI/2 BPSK	270	0		16.14			
100	QPSK	1	1		16.21			
100	QPSK	1	137		16.15		17.5	0.0
100	QPSK	1	271		16.11			
100	QPSK	135	0		16.16			
100	QPSK	135	69		16.18		17.5	0.0
100	QPSK	135	138		16.17			
100	QPSK	270	0		16.17		17.5	0.0
100	16QAM	1	1		16.09		17.5	0.0
100	64QAM	1	1		16.09		17.5	0.0
100	256QAM	1	1		16.10		17.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	16.07	15.99	16.06	17.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	16.01	16.08	16.02	17.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	16.04	16.02	16.00	17.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	15.97	16.05	16.05	17.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	15.96	16.03	15.99	17.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	16.08	15.97	16.06	17.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	15.98	16.05	16.02	17.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	15.98	15.96	16.03	17.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	16.03	16.06	16.05	17.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	16.02	16.07	16.00	17.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	16.06	15.98	15.98	17.5	0.0

PC2 FR1 n77 PartQ Ant8 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		19.14			
100	PI/2 BPSK	1	137		19.13		20.5	0.0
100	PI/2 BPSK	1	271		19.10			
100	PI/2 BPSK	135	0		19.07		20.5	0.0
100	PI/2 BPSK	135	69		19.07		20.5	0.0
100	PI/2 BPSK	135	138		19.08		20.5	0.0
100	PI/2 BPSK	270	0		19.14			
100	QPSK	1	1		19.19			
100	QPSK	1	137		19.10		20.5	0.0
100	QPSK	1	271		19.07			
100	QPSK	135	0		19.11			
100	QPSK	135	69		19.17		20.5	0.0
100	QPSK	135	138		19.16			
100	QPSK	270	0		19.15		20.5	0.0
100	16QAM	1	1		19.05		20.5	0.0
100	64QAM	1	1		19.07		20.5	0.0
100	256QAM	1	1		19.09		20.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	19.10	19.03	19.09	20.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	19.11	19.10	19.02	20.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	19.07	19.03	19.06	20.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	19.05	19.03	19.07	20.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	19.03	19.05	19.06	20.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	19.09	19.07	19.05	20.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	19.03	19.06	19.04	20.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	19.01	19.06	19.12	20.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	19.06	19.10	19.07	20.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	19.02	19.12	19.09	20.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	19.11	19.08	19.01	20.5	0.0

PC3 FR1 n78 PartO Ant8 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		16.78			
100	PI/2 BPSK	1	137		17.04		18.0	0.0
100	PI/2 BPSK	1	271		16.84			
100	PI/2 BPSK	135	0		16.69		18.0	0.0
100	PI/2 BPSK	135	69		16.84		18.0	0.0
100	PI/2 BPSK	135	138		16.80		18.0	0.0
100	PI/2 BPSK	270	0		16.77			
100	QPSK	1	1		17.13			
100	QPSK	1	137		16.95		18.0	0.0
100	QPSK	1	271		16.65			
100	QPSK	135	0		16.77			
100	QPSK	135	69		16.96		18.0	0.0
100	QPSK	135	138		16.77			
100	QPSK	270	0		16.83		18.0	0.0
100	16QAM	1	1		16.95		18.0	0.0
100	64QAM	1	1		17.05		18.0	0.0
100	256QAM	1	1		17.11		18.0	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	16.99	17.07	17.04	18.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	17.03	17.07	17.00	18.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	17.09	17.02	16.99	18.0	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	17.01	16.98	17.04	18.0	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	16.99	17.05	17.07	18.0	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	17.02	17.04	17.06	18.0	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	17.08	17.06	17.03	18.0	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	17.02	16.98	16.99	18.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	16.98	17.06	17.01	18.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	17.09	17.08	17.03	18.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	17.01	16.99	17.09	18.0	0.0

PC2 FR1 n78 PartO Ant8 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.83			
100	PI/2 BPSK	1	137		20.09		21.0	0.0
100	PI/2 BPSK	1	271		19.87			
100	PI/2 BPSK	135	0		19.68		21.0	0.0
100	PI/2 BPSK	135	69		19.82		21.0	0.0
100	PI/2 BPSK	135	138		19.84		21.0	0.0
100	PI/2 BPSK	270	0		19.81			
100	QPSK	1	1		20.15			
100	QPSK	1	137		19.99		21.0	0.0
100	QPSK	1	271		19.68			
100	QPSK	135	0		19.80			
100	QPSK	135	69		19.96		21.0	0.0
100	QPSK	135	138		19.80			
100	QPSK	270	0		19.84		21.0	0.0
100	16QAM	1	1		19.97		21.0	0.0
100	64QAM	1	1		20.01		21.0	0.0
100	256QAM	1	1		20.11		21.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.95	20.03	20.02	21.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	20.03	19.95	20.03	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.02	19.99	20.00	21.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.94	19.94	20.03	21.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	20.01	20.04	19.98	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.01	19.98	19.96	21.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	20.01	19.97	20.01	21.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	19.98	19.98	20.02	21.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	20.02	19.94	20.04	21.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	19.96	20.03	20.04	21.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.00	19.96	19.94	21.0	0.0

PC3 FR1 n78 PartQ Ant8 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.90			
100	PI/2 BPSK	1	137		17.05		18.0	0.0
100	PI/2 BPSK	1	271		16.74			
100	PI/2 BPSK	135	0		16.89		18.0	0.0
100	PI/2 BPSK	135	69		16.99		18.0	0.0
100	PI/2 BPSK	135	138		16.81		18.0	0.0
100	PI/2 BPSK	270	0		16.98			
100	QPSK	1	1		17.09			
100	QPSK	1	137		17.02		18.0	0.0
100	QPSK	1	271		16.67			
100	QPSK	135	0		17.01			
100	QPSK	135	69		17.05		18.0	0.0
100	QPSK	135	138		16.91			
100	QPSK	270	0		16.96		18.0	0.0
100	16QAM	1	1		16.60		18.0	0.0
100	64QAM	1	1		16.66		18.0	0.0
100	256QAM	1	1		16.99		18.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.00	16.93	17.04	18.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.00	16.95	17.04	18.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.01	17.04	17.00	18.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.00	17.02	17.00	18.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.04	17.01	17.01	18.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.04	16.96	16.94	18.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.95	16.94	16.95	18.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.02	16.94	16.99	18.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.01	16.98	17.03	18.0	0.0
Channel				630500	633332	636165	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.98	16.93	16.99	18.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.04	16.96	16.94	18.0	0.0

PC2 FR1 n78 PartQ Ant8 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.79			
100	PI/2 BPSK	1	137		19.86		21.0	0.0
100	PI/2 BPSK	1	271		19.55			
100	PI/2 BPSK	135	0		19.40		21.0	0.0
100	PI/2 BPSK	135	69		19.88		21.0	0.0
100	PI/2 BPSK	135	138		19.34		21.0	0.0
100	PI/2 BPSK	270	0		19.32			
100	QPSK	1	1		19.96			
100	QPSK	1	137		19.77		21.0	0.0
100	QPSK	1	271		19.45			
100	QPSK	135	0		18.90			
100	QPSK	135	69		19.90		21.0	0.0
100	QPSK	135	138		18.87			
100	QPSK	270	0		18.94		21.0	0.0
100	16QAM	1	1		19.81		21.0	0.0
100	64QAM	1	1		19.81		21.0	0.0
100	256QAM	1	1		19.80		21.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.83	19.82	19.89	21.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.85	19.88	19.92	21.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.81	19.86	19.88	21.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.87	19.81	19.85	21.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.91	19.89	19.83	21.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.89	19.90	19.87	21.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.91	19.83	19.85	21.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.83	19.83	19.81	21.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.91	19.83	19.87	21.0	0.0
Channel				630500	633332	636165	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.88	19.85	19.85	21.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.87	19.81	19.80	21.0	0.0

FR1 n48 Ant9 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.20	17.24	17.22		
40	PI/2 BPSK	1	53	17.25	17.23	17.16	18.0	0.0
40	PI/2 BPSK	1	104	17.21	17.29	17.12		
40	PI/2 BPSK	50	0	17.23	17.19	17.21	18.0	0.0
40	PI/2 BPSK	50	28	17.24	17.24	17.21	18.0	0.0
40	PI/2 BPSK	50	56	17.23	17.24	17.22	18.0	0.0
40	PI/2 BPSK	100	0	17.21	17.19	17.23		
40	QPSK	1	1	17.27	17.31	17.14		
40	QPSK	1	53	17.15	17.25	17.15	18.0	0.0
40	QPSK	1	104	17.17	17.27	17.22		
40	QPSK	50	0	17.17	17.25	17.19		
40	QPSK	50	28	17.18	17.29	17.21	18.0	0.0
40	QPSK	50	56	17.17	17.19	17.16		
40	QPSK	100	0	17.19	17.26	17.13	18.0	0.0
40	16QAM	1	1	17.24	17.24	17.22	18.0	0.0
40	64QAM	1	1	17.23	17.23	17.12	18.0	0.0
40	256QAM	1	1	17.19	17.25	17.13	18.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.07	17.17	17.04	18.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.05	17.13	17.01	18.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.06	17.14	17.04	18.0	0.0

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PC3 FR1 n77 PartO Ant9 ECI3

BW [MHz]	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	14.68	14.81	14.79		
100	PI/2 BPSK	1	137	14.75	14.84	14.74	16.0	0.0
100	PI/2 BPSK	1	271	14.69	14.79	14.79		
100	PI/2 BPSK	135	0	14.70	14.79	14.75	16.0	0.0
100	PI/2 BPSK	135	69	14.73	14.82	14.82	16.0	0.0
100	PI/2 BPSK	135	138	14.70	14.74	14.81	16.0	0.0
100	PI/2 BPSK	270	0	14.69	14.75	14.83		
100	QPSK	1	1	14.69	14.88	14.79		
100	QPSK	1	137	14.69	14.76	14.76	16.0	0.0
100	QPSK	1	271	14.68	14.75	14.76		
100	QPSK	135	0	14.67	14.75	14.77		
100	QPSK	135	69	14.76	14.85	14.71	16.0	0.0
100	QPSK	135	138	14.70	14.84	14.72		
100	QPSK	270	0	14.69	14.81	14.79	16.0	0.0
100	16QAM	1	1	14.68	14.86	14.76	16.0	0.0
100	64QAM	1	1	14.75	14.83	14.72	16.0	0.0
100	256QAM	1	1	14.76	14.79	14.78	16.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	14.64	14.65	14.68	16.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.56	14.71	14.70	16.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.64	14.67	14.69	16.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.57	14.65	14.64	16.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	14.57	14.73	14.70	16.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.59	14.76	14.66	16.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	14.65	14.72	14.68	16.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	14.59	14.74	14.67	16.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.60	14.74	14.70	16.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	14.66	14.65	14.72	16.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.57	14.67	14.62	16.0	0.0

PC2 FR1 n77 PartO Ant9 ECI3

BW [MHz]	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	17.68	17.78	17.83		
100	PI/2 BPSK	1	137	17.72	17.78	17.69	19.0	0.0
100	PI/2 BPSK	1	271	17.65	17.78	17.81		
100	PI/2 BPSK	135	0	17.72	17.77	17.70	19.0	0.0
100	PI/2 BPSK	135	69	17.72	17.78	17.79	19.0	0.0
100	PI/2 BPSK	135	138	17.74	17.75	17.82	19.0	0.0
100	PI/2 BPSK	270	0	17.64	17.73	17.81		
100	QPSK	1	1	17.69	17.91	17.74		
100	QPSK	1	137	17.65	17.76	17.71	19.0	0.0
100	QPSK	1	271	17.69	17.75	17.79		
100	QPSK	135	0	17.68	17.81	17.78		
100	QPSK	135	69	17.75	17.85	17.68	19.0	0.0
100	QPSK	135	138	17.75	17.80	17.71		
100	QPSK	270	0	17.69	17.85	17.74	19.0	0.0
100	16QAM	1	1	17.63	17.85	17.77	19.0	0.0
100	64QAM	1	1	17.76	17.77	17.66	19.0	0.0
100	256QAM	1	1	17.81	17.78	17.80	19.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.59	17.86	17.66	19.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.56	17.76	17.63	19.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.64	17.78	17.63	19.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.59	17.85	17.65	19.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.54	17.84	17.70	19.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.81	17.78	17.86	19.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	17.63	17.85	17.65	19.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	17.56	17.78	17.80	19.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.62	17.84	17.66	19.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.60	17.79	17.63	19.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.58	17.80	17.59	19.0	0.0

PC3 FR1 n77 PartQ Ant9 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.63			
100	PI/2 BPSK	1	137		14.58		16.0	0.0
100	PI/2 BPSK	1	271		14.67			
100	PI/2 BPSK	135	0		14.60		16.0	0.0
100	PI/2 BPSK	135	69		14.60		16.0	0.0
100	PI/2 BPSK	135	138		14.67		16.0	0.0
100	PI/2 BPSK	270	0		14.63			
100	QPSK	1	1		14.71			
100	QPSK	1	137		14.65		16.0	0.0
100	QPSK	1	271		14.57			
100	QPSK	135	0		14.67			
100	QPSK	135	69		14.69		16.0	0.0
100	QPSK	135	138		14.63			
100	QPSK	270	0		14.65		16.0	0.0
100	16QAM	1	1		14.61		16.0	0.0
100	64QAM	1	1		14.58		16.0	0.0
100	256QAM	1	1		14.57		16.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.46	14.52	14.56	16.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.52	14.47	14.46	16.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.46	14.48	14.55	16.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.50	14.50	14.48	16.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.49	14.52	14.49	16.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.56	14.55	14.49	16.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.52	14.56	14.52	16.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	14.48	14.48	14.51	16.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.56	14.54	14.55	16.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.55	14.51	14.51	16.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.55	14.57	14.48	16.0	0.0

PC2 FR1 n77 PartQ Ant9 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.64			
100	PI/2 BPSK	1	137		17.60		19.0	0.0
100	PI/2 BPSK	1	271		17.68			
100	PI/2 BPSK	135	0		17.56		19.0	0.0
100	PI/2 BPSK	135	69		17.57		19.0	0.0
100	PI/2 BPSK	135	138		17.65		19.0	0.0
100	PI/2 BPSK	270	0		17.68			
100	QPSK	1	1		17.71			
100	QPSK	1	137		17.62		19.0	0.0
100	QPSK	1	271		17.62			
100	QPSK	135	0		17.62			
100	QPSK	135	69		17.66		19.0	0.0
100	QPSK	135	138		17.61			
100	QPSK	270	0		17.60		19.0	0.0
100	16QAM	1	1		17.66		19.0	0.0
100	64QAM	1	1		17.55		19.0	0.0
100	256QAM	1	1		17.60		19.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.60	17.62	17.56	19.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.65	17.67	17.64	19.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.59	17.60	17.59	19.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.65	17.65	17.63	19.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.66	17.66	17.59	19.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.56	17.56	17.65	19.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.57	17.60	17.59	19.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.56	17.66	17.60	19.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.65	17.62	17.66	19.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.59	17.59	17.59	19.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.67	17.64	17.61	19.0	0.0

PC3 FR1 n78 PartO Ant9 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.27			
100	PI/2 BPSK	1	137		15.28		16.5	0.0
100	PI/2 BPSK	1	271		15.27			
100	PI/2 BPSK	135	0		15.27		16.5	0.0
100	PI/2 BPSK	135	69		15.23		16.5	0.0
100	PI/2 BPSK	135	138		15.21		16.5	0.0
100	PI/2 BPSK	270	0		15.27			
100	QPSK	1	1		15.35			
100	QPSK	1	137		15.28		16.5	0.0
100	QPSK	1	271		15.26			
100	QPSK	135	0		15.29			
100	QPSK	135	69		15.31		16.5	0.0
100	QPSK	135	138		15.23			
100	QPSK	270	0		15.25		16.5	0.0
100	16QAM	1	1		15.29		16.5	0.0
100	64QAM	1	1		15.28		16.5	0.0
100	256QAM	1	1		15.22		16.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.17	15.17	15.13	16.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.19	15.16	15.24	16.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.19	15.13	15.20	16.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	15.12	15.19	15.22	16.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.13	15.21	15.23	16.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.23	15.15	15.16	16.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	15.15	15.13	15.20	16.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	15.19	15.16	15.17	16.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.12	15.18	15.16	16.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	15.22	15.21	15.13	16.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.21	15.23	15.19	16.5	0.0

PC2 FR1 n78 PartO Ant9 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.22			
100	PI/2 BPSK	1	137		18.33		19.5	0.0
100	PI/2 BPSK	1	271		18.22			
100	PI/2 BPSK	135	0		18.30		19.5	0.0
100	PI/2 BPSK	135	69		18.29		19.5	0.0
100	PI/2 BPSK	135	138		18.26		19.5	0.0
100	PI/2 BPSK	270	0		18.31			
100	QPSK	1	1		18.39			
100	QPSK	1	137		18.30		19.5	0.0
100	QPSK	1	271		18.21			
100	QPSK	135	0		18.31			
100	QPSK	135	69		18.35		19.5	0.0
100	QPSK	135	138		18.20			
100	QPSK	270	0		18.21		19.5	0.0
100	16QAM	1	1		18.24		19.5	0.0
100	64QAM	1	1		18.28		19.5	0.0
100	256QAM	1	1		18.18		19.5	0.0
Channel				649668	650000	650332	Tune-	MPR
Frequency (MHz)				3745.02	3750	3754.98	up limit	(dB)
90	QPSK	1	1	18.33	18.28	18.31	19.5	0.0
Channel				649334	650000	650666	Tune-	MPR
Frequency (MHz)				3740.01	3750	3759.99	up limit	(dB)
80	QPSK	1	1	18.32	18.31	18.29	19.5	0.0
Channel				649000	650000	651000	Tune-	MPR
Frequency (MHz)				3735	3750	3765	up limit	(dB)
70	QPSK	1	1	18.32	18.24	18.31	19.5	0.0
Channel				648668	650000	651332	Tune-	MPR
Frequency (MHz)				3730.02	3750	3769.98	up limit	(dB)
60	QPSK	1	1	18.29	18.24	18.29	19.5	0.0
Channel				648334	650000	651666	Tune-	MPR
Frequency (MHz)				3725.01	3750	3774.99	up limit	(dB)
50	QPSK	1	1	18.29	18.24	18.28	19.5	0.0
Channel				648000	650000	652000	Tune-	MPR
Frequency (MHz)				3720	3750	3780	up limit	(dB)
40	QPSK	1	1	18.24	18.26	18.33	19.5	0.0
Channel				647668	650000	652332	Tune-	MPR
Frequency (MHz)				3715.02	3750.00	3784.98	up limit	(dB)
30	QPSK	1	1	18.29	18.29	18.25	19.5	0.0
Channel				647500	650000	652500	Tune-	MPR
Frequency (MHz)				3712.5	3750.00	3787.50	up limit	(dB)
25	QPSK	1	1	18.30	18.29	18.24	19.5	0.0
Channel				647334	650000	652666	Tune-	MPR
Frequency (MHz)				3710.01	3750	3789.99	up limit	(dB)
20	QPSK	1	1	18.28	18.27	18.28	19.5	0.0
Channel				647168	650000	652832	Tune-	MPR
Frequency (MHz)				3707.52	3750	3792.48	up limit	(dB)
15	QPSK	1	1	18.27	18.24	18.24	19.5	0.0
Channel				647000	650000	653000	Tune-	MPR
Frequency (MHz)				3705	3750	3795	up limit	(dB)
10	QPSK	1	1	18.27	18.29	18.24	19.5	0.0

PC3 FR1 n78 PartQ Ant9 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.08			
100	PI/2 BPSK	1	137		15.05		16.5	0.0
100	PI/2 BPSK	1	271		15.03			
100	PI/2 BPSK	135	0		15.05		16.5	0.0
100	PI/2 BPSK	135	69		15.10		16.5	0.0
100	PI/2 BPSK	135	138		15.04		16.5	0.0
100	PI/2 BPSK	270	0		15.08			
100	QPSK	1	1		15.18			
100	QPSK	1	137		15.06		16.5	0.0
100	QPSK	1	271		15.14			
100	QPSK	135	0		15.10			
100	QPSK	135	69		15.13		16.5	0.0
100	QPSK	135	138		15.04			
100	QPSK	270	0		15.10		16.5	0.0
100	16QAM	1	1		15.05		16.5	0.0
100	64QAM	1	1		15.07		16.5	0.0
100	256QAM	1	1		15.04		16.5	0.0
Channel				633000	633332	633666	Tune-	MPR
Frequency (MHz)				3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	14.87	14.94	14.94	16.5	0.0
Channel				632668	633332	634000	Tune-	MPR
Frequency (MHz)				3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	14.97	14.98	14.88	16.5	0.0
Channel				632334	633332	634332	Tune-	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	14.87	14.91	14.97	16.5	0.0
Channel				632000	633332	634666	Tune-	MPR
Frequency (MHz)				3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	14.92	14.90	14.89	16.5	0.0
Channel				631668	633332	635000	Tune-	MPR
Frequency (MHz)				3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	14.97	14.98	14.91	16.5	0.0
Channel				631334	633332	635332	Tune-	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	14.87	14.98	14.87	16.5	0.0
Channel				631000	633332	635666	Tune-	MPR
Frequency (MHz)				3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	14.93	14.94	14.89	16.5	0.0
Channel				630334	633332	636332	Tune-	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	14.87	14.93	14.96	16.5	0.0
Channel				630668	633332	636000	Tune-	MPR
Frequency (MHz)				3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	14.97	14.95	14.95	16.5	0.0
Channel				630500	633332	636166	Tune-	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	14.94	14.96	14.98	16.5	0.0
Channel				630334	633332	636332	Tune-	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	14.93	14.95	14.99	16.5	0.0

PC2 FR1 n78 PartQ Ant9 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.13			
100	PI/2 BPSK	1	137		18.07		19.5	0.0
100	PI/2 BPSK	1	271		17.99			
100	PI/2 BPSK	135	0		18.10		19.5	0.0
100	PI/2 BPSK	135	69		18.05		19.5	0.0
100	PI/2 BPSK	135	138		17.99		19.5	0.0
100	PI/2 BPSK	270	0		18.09			
100	QPSK	1	1		18.18			
100	QPSK	1	137		18.04		19.5	0.0
100	QPSK	1	271		18.15			
100	QPSK	135	0		18.09			
100	QPSK	135	69		18.12		19.5	0.0
100	QPSK	135	138		17.98			
100	QPSK	270	0		18.13		19.5	0.0
100	16QAM	1	1		18.00		19.5	0.0
100	64QAM	1	1		18.13		19.5	0.0
100	256QAM	1	1		18.01		19.5	0.0
Channel				633000	633332	633666	Tune-	MPR
Frequency (MHz)				3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	17.99	18.07	18.03	19.5	0.0
Channel				632668	633332	634000	Tune-	MPR
Frequency (MHz)				3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	18.00	17.98	18.00	19.5	0.0
Channel				632334	633332	634332	Tune-	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	18.06	18.02	18.06	19.5	0.0
Channel				632000	633332	634666	Tune-	MPR
Frequency (MHz)				3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	18.07	18.07	17.99	19.5	0.0
Channel				631668	633332	635000	Tune-	MPR
Frequency (MHz)				3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	18.00	17.98	18.02	19.5	0.0
Channel				631334	633332	635332	Tune-	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	18.00	18.03	18.06	19.5	0.0
Channel				631000	633332	635666	Tune-	MPR
Frequency (MHz)				3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	17.99	18.06	18.04	19.5	0.0
Channel				630334	633332	636332	Tune-	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	18.00	18.06	18.04	19.5	0.0
Channel				630668	633332	636000	Tune-	MPR
Frequency (MHz)				3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	18.04	18.05	18.03	19.5	0.0
Channel				630500	633332	636166	Tune-	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	18.07	18.07	18.06	19.5	0.0
Channel				630334	633332	636332	Tune-	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	17.99	18.08	18.03	19.5	0.0

Reduced Power Mode for ECI4

FR1 n5 Ant0 ECI4

BW [MHz]	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	25.26	25.29	25.18	25.7	0.0
20	PI/2 BPSK	1	53	25.35	25.41	25.38		
20	PI/2 BPSK	1	104	25.32	25.36	25.32		
20	PI/2 BPSK	50	0	24.72	24.85	24.78	25.2	0.5
20	PI/2 BPSK	50	28	25.39	25.42	25.34	25.7	0.0
20	PI/2 BPSK	50	56	24.72	24.81	24.70	25.2	0.5
20	PI/2 BPSK	100	0	24.73	24.85	24.81		
20	QPSK	1	1	25.41	25.46	25.40	25.7	0.0
20	QPSK	1	53	25.37	25.41	25.32		
20	QPSK	1	104	25.34	25.38	25.28		
20	QPSK	50	0	24.30	24.33	24.28	24.7	1.0
20	QPSK	50	28	25.28	25.35	25.32	25.7	0.0
20	QPSK	50	56	24.15	24.28	24.16	24.7	1.0
20	QPSK	100	0	24.17	24.31	24.19		
20	16QAM	1	1	23.98	24.07	23.99	24.7	1.0
20	64QAM	1	1	22.66	22.71	22.65	23.2	2.5
20	256QAM	1	1	20.99	21.02	20.89	21.2	4.5
Channel				166300	167300	166300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.35	25.34	25.36	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.29	25.42	25.31	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.28	25.43	25.34	25.7	0.0

FR1 n26 Ant0 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.31	25.35	25.23	25.7	0.0
20	PI/2 BPSK	1	53	25.38	25.47	25.40		
20	PI/2 BPSK	1	104	25.40	25.42	25.34		
20	PI/2 BPSK	50	0	24.77	24.91	24.84	25.2	0.5
20	PI/2 BPSK	50	28	25.45	25.46	25.39	25.7	0.0
20	PI/2 BPSK	50	56	24.80	24.88	24.76	25.2	0.5
20	PI/2 BPSK	100	0	24.78	24.90	24.84		
20	QPSK	1	1	25.49	25.50	25.45	25.7	0.0
20	QPSK	1	53	25.42	25.45	25.40		
20	QPSK	1	104	25.37	25.42	25.32		
20	QPSK	50	0	24.38	24.37	24.32	24.7	1.0
20	QPSK	50	28	25.35	25.41	25.39	25.7	0.0
20	QPSK	50	56	24.23	24.33	24.22	24.7	1.0
20	QPSK	100	0	24.23	24.37	24.22		
20	16QAM	1	1	24.01	24.12	24.05	24.7	1.0
20	64QAM	1	1	22.73	22.74	22.67	23.2	2.5
20	256QAM	1	1	21.06	21.05	20.92	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.38	25.38	25.41	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.36	25.45	25.35	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.33	25.46	25.40	25.7	0.0

FR1 n5 Ant1 ECI4

BW [MHz]	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	21.78	21.97	21.85	22.2	0.0
20	PI/2 BPSK	1	53	21.86	22.05	21.87		
20	PI/2 BPSK	1	104	21.81	21.98	21.86		
20	PI/2 BPSK	50	0	21.83	21.97	21.91	22.2	0.0
20	PI/2 BPSK	50	28	21.83	21.93	21.86	22.2	0.0
20	PI/2 BPSK	50	56	21.87	22.01	21.90	22.2	0.0
20	PI/2 BPSK	100	0	21.89	22.02	21.88		
20	QPSK	1	1	21.92	22.07	21.98	22.2	0.0
20	QPSK	1	53	21.80	22.01	21.95		
20	QPSK	1	104	21.82	21.95	21.92		
20	QPSK	50	0	21.89	21.96	21.90	22.2	0.0
20	QPSK	50	28	21.82	21.97	21.88	22.2	0.0
20	QPSK	50	56	21.88	21.95	21.94	22.2	0.0
20	QPSK	100	0	21.82	21.94	21.90		
20	16QAM	1	1	21.88	22.02	21.93	22.2	0.0
20	64QAM	1	1	21.79	22.03	21.93	22.2	0.0
20	256QAM	1	1	20.92	21.07	21.00	21.2	1.0
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.84	22.02	21.87	22.2	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.90	22.02	21.90	22.2	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.87	22.03	21.91	22.2	0.0

FR1 n26 Ant1 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.30	25.31	25.31	25.7	0.0
20	PI/2 BPSK	1	53	25.43	25.47	25.36		
20	PI/2 BPSK	1	104	25.21	25.29	25.24		
20	PI/2 BPSK	50	0	24.71	24.81	24.72	25.2	0.5
20	PI/2 BPSK	50	28	25.32	25.35	25.29	25.7	0.0
20	PI/2 BPSK	50	56	24.62	24.74	24.70	25.2	0.5
20	PI/2 BPSK	100	0	24.75	24.80	24.68		
20	QPSK	1	1	25.46	25.49	25.44	25.7	0.0
20	QPSK	1	53	25.37	25.47	25.39		
20	QPSK	1	104	25.30	25.39	25.30		
20	QPSK	50	0	24.28	24.29	24.21	24.7	1.0
20	QPSK	50	28	25.42	25.45	25.35	25.7	0.0
20	QPSK	50	56	24.21	24.26	24.13	24.7	1.0
20	QPSK	100	0	24.11	24.25	24.16		
20	16QAM	1	1	24.02	24.07	24.06	24.7	1.0
20	64QAM	1	1	22.62	22.71	22.55	23.2	2.5
20	256QAM	1	1	21.12	21.11	21.15	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.33	25.41	25.42	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.30	25.44	25.36	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.35	25.38	25.40	25.7	0.0

FR1 n2 Ant2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1880	1880	1900		
20	PI/2 BPSK	1	1	21.79	21.85	21.72	22.7	0.0
20	PI/2 BPSK	1	53	21.82	21.90	21.78		
20	PI/2 BPSK	1	104	21.72	21.81	21.78		
20	PI/2 BPSK	50	0	21.77	21.83	21.71	22.7	0.0
20	PI/2 BPSK	50	28	21.82	21.90	21.75	22.7	0.0
20	PI/2 BPSK	50	56	21.76	21.89	21.72	22.7	0.0
20	PI/2 BPSK	100	0	21.82	21.87	21.74		
20	QPSK	1	1	21.72	21.93	21.77	22.7	0.0
20	QPSK	1	53	21.76	21.90	21.75		
20	QPSK	1	104	21.75	21.85	21.76		
20	QPSK	50	0	21.82	21.89	21.76	22.7	0.0
20	QPSK	50	28	21.77	21.90	21.75	22.7	0.0
20	QPSK	50	56	21.80	21.88	21.74	22.7	0.0
20	QPSK	100	0	21.82	21.85	21.76		
20	16QAM	1	1	21.81	21.85	21.71	22.7	0.0
20	64QAM	1	1	21.81	21.83	21.78	22.7	0.0
20	256QAM	1	1	20.24	20.18	20.24	21.2	1.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.71	21.76	21.61	22.7	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.70	21.79	21.63	22.7	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.61	21.75	21.62	22.7	0.0

FR1 n7 Ant2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2505	2535	2545		
50	PI/2 BPSK	1	1	20.26	20.39	20.28	21.2	0.0
50	PI/2 BPSK	1	135	20.24	20.38	20.27		
50	PI/2 BPSK	1	268	20.30	20.39	20.25		
50	PI/2 BPSK	135	0	20.26	20.40	20.33	21.2	0.0
50	PI/2 BPSK	135	68	20.25	20.36	20.31	21.2	0.0
50	PI/2 BPSK	135	135	20.34	20.29	20.27	21.2	0.0
50	PI/2 BPSK	270	0	20.29	20.30	20.31		
50	QPSK	1	1	20.35	20.45	20.30	21.2	0.0
50	QPSK	1	135	20.31	20.39	20.34		
50	QPSK	1	268	20.34	20.29	20.35		
50	QPSK	135	0	20.33	20.39	20.26	21.2	0.0
50	QPSK	135	68	20.35	20.41	20.36	21.2	0.0
50	QPSK	135	135	20.33	20.38	20.25	21.2	0.0
50	QPSK	270	0	20.33	20.38	20.29		
50	16QAM	1	1	20.34	20.39	20.34	21.2	0.0
50	64QAM	1	1	20.25	20.31	20.28	21.2	0.0
50	256QAM	1	1	20.34	20.32	20.35	21.2	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.20	20.28	20.18	21.2	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.23	20.19	20.27	21.2	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.26	20.20	20.20	21.2	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.15	20.19	20.17	21.2	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.25	20.19	20.19	21.2	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.14	20.20	20.15	21.2	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.25	20.20	20.25	21.2	0.0

FR1 n66 Ant2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.62	20.71	20.64	21.2	0.0
40	PI/2 BPSK	1	108	20.66	20.68	20.56		
40	PI/2 BPSK	1	214	20.57	20.66	20.54		
40	PI/2 BPSK	108	0	20.66	20.62	20.63	21.2	0.0
40	PI/2 BPSK	108	54	20.62	20.70	20.59	21.2	0.0
40	PI/2 BPSK	108	108	20.66	20.66	20.57	21.2	0.0
40	PI/2 BPSK	216	0	20.66	20.67	20.57		
40	QPSK	1	1	20.66	20.75	20.56	21.2	0.0
40	QPSK	1	108	20.62	20.66	20.60		
40	QPSK	1	214	20.57	20.70	20.58		
40	QPSK	108	0	20.61	20.63	20.60	21.2	0.0
40	QPSK	108	54	20.60	20.66	20.54	21.2	0.0
40	QPSK	108	108	20.65	20.59	20.55	21.2	0.0
40	QPSK	216	0	20.60	20.66	20.58		
40	16QAM	1	1	20.61	20.64	20.55	21.2	0.0
40	64QAM	1	1	20.60	20.70	20.53	21.2	0.0
40	256QAM	1	1	20.61	20.60	20.56	21.2	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.47	20.56	20.51	21.2	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.57	20.54	20.44	21.2	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.50	20.50	20.49	21.2	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.52	20.54	20.53	21.2	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.58	20.58	20.45	21.2	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.50	20.53	20.53	21.2	0.0

FR1 n38 Ant2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	21.52	21.68	21.52		
40	PI/2 BPSK	1	53	21.42	21.58	21.50	22.2	0.0
40	PI/2 BPSK	1	104	21.53	21.68	21.50		
40	PI/2 BPSK	50	0	21.45	21.69	21.51	22.2	0.0
40	PI/2 BPSK	50	28	21.43	21.58	21.49	22.2	0.0
40	PI/2 BPSK	50	56	21.46	21.64	21.48	22.2	0.0
40	PI/2 BPSK	100	0	21.43	21.63	21.54		
40	QPSK	1	1	21.57	21.73	21.62		
40	QPSK	1	53	21.53	21.61	21.48	22.2	0.0
40	QPSK	1	104	21.48	21.69	21.48		
40	QPSK	50	0	21.50	21.68	21.51		
40	QPSK	50	28	21.50	21.70	21.53	22.2	0.0
40	QPSK	50	56	21.46	21.66	21.53		
40	QPSK	100	0	21.48	21.67	21.54	22.2	0.0
40	16QAM	1	1	21.45	21.63	21.46	22.2	0.0
40	64QAM	1	1	21.46	21.59	21.53	22.2	0.0
40	256QAM	1	1	20.59	20.69	20.56	21.2	1.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	21.52	21.63	21.51	22.2	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	21.48	21.62	21.54	22.2	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.52	21.63	21.56	22.2	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	21.52	21.62	21.51	22.2	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	21.46	21.67	21.50	22.2	0.0

PC3 FR1 n41 Ant2 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.73	19.81	19.72		
100	PI/2 BPSK	1	137	19.81	19.89	19.76	21.5	0.0
100	PI/2 BPSK	1	271	19.74	19.77	19.77		
100	PI/2 BPSK	135	0	19.76	19.78	19.72	21.5	0.0
100	PI/2 BPSK	135	69	19.77	19.87	19.75	21.5	0.0
100	PI/2 BPSK	135	138	19.74	19.82	19.70	21.5	0.0
100	PI/2 BPSK	270	0	19.73	19.84	19.72		
100	QPSK	1	1	19.88	19.93	19.82		
100	QPSK	1	137	19.75	19.86	19.71	21.5	0.0
100	QPSK	1	271	19.82	19.82	19.76		
100	QPSK	135	0	19.77	19.87	19.74		
100	QPSK	135	69	19.74	19.91	19.77	21.5	0.0
100	QPSK	135	138	19.73	19.88	19.71		
100	QPSK	270	0	19.85	19.89	19.70	21.5	0.0
100	16QAM	1	1	19.83	19.78	19.69	21.5	0.0
100	64QAM	1	1	19.77	19.80	19.71	21.5	0.0
100	256QAM	1	1	18.86	18.98	18.86	20.5	1.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.84	19.79	19.69	21.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.74	19.81	19.74	21.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.76	19.77	19.76	21.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.75	19.87	19.78	21.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.84	19.84	19.75	21.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.74	19.88	19.72	21.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.82	19.79	19.72	21.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.78	19.78	19.74	21.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.80	19.88	19.66	21.5	0.0

PC2 FR1 n41 Ant2 ECI4

BW [MHz]	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	22.74	22.79	22.70		
100	PI/2 BPSK	1	137	22.63	22.80	22.73	24.5	0.0
100	PI/2 BPSK	1	271	22.69	22.71	22.76		
100	PI/2 BPSK	135	0	22.72	22.79	22.69	24.5	0.0
100	PI/2 BPSK	135	69	22.71	22.79	22.74	24.5	0.0
100	PI/2 BPSK	135	138	22.72	22.76	22.77	24.5	0.0
100	PI/2 BPSK	270	0	22.69	22.80	22.66		
100	QPSK	1	1	22.78	22.84	22.82		
100	QPSK	1	137	22.73	22.70	22.75	24.5	0.0
100	QPSK	1	271	22.66	22.80	22.77		
100	QPSK	135	0	22.67	22.77	22.67		
100	QPSK	135	69	22.68	22.79	22.70	24.5	0.0
100	QPSK	135	138	22.69	22.73	22.70		
100	QPSK	270	0	22.72	22.78	22.71	24.5	0.0
100	16QAM	1	1	22.68	22.74	22.77	24.5	0.0
100	64QAM	1	1	22.71	22.70	22.75	24.5	0.0
100	256QAM	1	1	21.24	21.35	21.30	23.0	1.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.68	22.71	22.78	24.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.69	22.72	22.80	24.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.68	22.75	22.75	24.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.66	22.75	22.70	24.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.70	22.79	22.74	24.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.69	22.82	22.76	24.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.72	22.77	22.78	24.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.69	22.76	22.76	24.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.73	22.73	22.71	24.5	0.0

FR1 n2 Ant3 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.31	20.42	20.25	21.5	0.0
20	PI/2 BPSK	1	53	20.28	20.40	20.28		
20	PI/2 BPSK	1	104	20.29	20.36	20.25		
20	PI/2 BPSK	50	0	20.24	20.30	20.24	21.5	0.0
20	PI/2 BPSK	50	28	20.28	20.33	20.33	21.5	0.0
20	PI/2 BPSK	50	56	20.29	20.38	20.34	21.5	0.0
20	PI/2 BPSK	100	0	20.22	20.36	20.30		
20	QPSK	1	1	20.35	20.46	20.40	21.5	0.0
20	QPSK	1	53	20.29	20.31	20.28		
20	QPSK	1	104	20.24	20.38	20.27		
20	QPSK	50	0	20.20	20.40	20.36	21.5	0.0
20	QPSK	50	28	20.32	20.44	20.31	21.5	0.0
20	QPSK	50	56	20.29	20.39	20.24	21.5	0.0
20	QPSK	100	0	20.31	20.41	20.26		
20	16QAM	1	1	20.29	20.36	20.32	21.5	0.0
20	64QAM	1	1	20.22	20.33	20.29	21.5	0.0
20	256QAM	1	1	19.83	19.98	19.95	21.0	0.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.22	20.39	20.30	21.5	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.25	20.40	20.33	21.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.23	20.38	20.27	21.5	0.0

FR1 n7 Ant3 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.18	20.20	20.14	21.2	0.0
50	PI/2 BPSK	1	135	20.24	20.21	20.22		
50	PI/2 BPSK	1	268	20.24	20.22	20.23		
50	PI/2 BPSK	135	0	20.22	20.19	20.24	21.2	0.0
50	PI/2 BPSK	135	68	20.25	20.28	20.21	21.2	0.0
50	PI/2 BPSK	135	135	20.19	20.28	20.18	21.2	0.0
50	PI/2 BPSK	270	0	20.25	20.25	20.17		
50	QPSK	1	1	20.20	20.31	20.21	21.2	0.0
50	QPSK	1	135	20.21	20.28	20.17		
50	QPSK	1	268	20.21	20.26	20.20		
50	QPSK	135	0	20.14	20.21	20.18	21.2	0.0
50	QPSK	135	68	20.16	20.28	20.16	21.2	0.0
50	QPSK	135	135	20.24	20.26	20.14	21.2	0.0
50	QPSK	270	0	20.17	20.30	20.17		
50	16QAM	1	1	20.19	20.29	20.18	21.2	0.0
50	64QAM	1	1	20.25	20.18	20.18	21.2	0.0
50	256QAM	1	1	20.22	20.24	20.20	21.2	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.06	20.19	20.09	21.2	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.13	20.20	20.05	21.2	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.07	20.16	20.07	21.2	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.14	20.13	20.07	21.2	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.05	20.08	20.08	21.2	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.05	20.14	20.12	21.2	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.05	20.08	20.04	21.2	0.0

FR1 n38 Ant3 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	19.93	19.93	19.93		
40	PI/2 BPSK	1	53	19.98	19.94	19.89	21.0	0.0
40	PI/2 BPSK	1	104	19.90	19.98	19.95		
40	PI/2 BPSK	50	0	19.88	19.95	19.88	21.0	0.0
40	PI/2 BPSK	50	28	19.94	20.01	19.97	21.0	0.0
40	PI/2 BPSK	50	56	19.97	19.95	19.94	21.0	0.0
40	PI/2 BPSK	100	0	19.89	19.98	19.92		
40	QPSK	1	1	19.87	20.02	19.86		
40	QPSK	1	53	19.88	19.94	19.88	21.0	0.0
40	QPSK	1	104	19.88	19.99	19.86		
40	QPSK	50	0	19.96	19.97	19.89		
40	QPSK	50	28	19.98	20.01	19.89	21.0	0.0
40	QPSK	50	56	19.92	19.98	19.88		
40	QPSK	100	0	19.90	20.00	19.96	21.0	0.0
40	16QAM	1	1	19.90	19.95	19.96	21.0	0.0
40	64QAM	1	1	19.94	19.99	19.88	21.0	0.0
40	256QAM	1	1	19.94	19.92	19.93	21.0	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	19.89	19.86	19.78	21.0	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	19.81	19.84	19.77	21.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.84	19.85	19.79	21.0	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	19.81	19.87	19.87	21.0	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	19.85	19.87	19.87	21.0	0.0

PC3 FR1 n41 Ant3 ECI4

BW [MHz]	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	18.63	18.73	18.61		
100	PI/2 BPSK	1	137	18.61	18.65	18.56	20.0	0.0
100	PI/2 BPSK	1	271	18.64	18.65	18.54		
100	PI/2 BPSK	135	0	18.67	18.71	18.53	20.0	0.0
100	PI/2 BPSK	135	69	18.67	18.71	18.61	20.0	0.0
100	PI/2 BPSK	135	138	18.59	18.72	18.58	20.0	0.0
100	PI/2 BPSK	270	0	18.70	18.65	18.64		
100	QPSK	1	1	18.74	18.79	18.68		
100	QPSK	1	137	18.63	18.65	18.53	20.0	0.0
100	QPSK	1	271	18.64	18.73	18.54		
100	QPSK	135	0	18.63	18.64	18.56		
100	QPSK	135	69	18.66	18.75	18.58	20.0	0.0
100	QPSK	135	138	18.62	18.70	18.58		
100	QPSK	270	0	18.68	18.74	18.63	20.0	0.0
100	16QAM	1	1	18.65	18.72	18.58	20.0	0.0
100	64QAM	1	1	18.67	18.72	18.58	20.0	0.0
100	256QAM	1	1	18.18	18.33	18.24	19.5	0.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.60	18.73	18.61	20.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.63	18.73	18.60	20.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.67	18.76	18.62	20.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.69	18.73	18.58	20.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.69	18.67	18.66	20.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.64	18.75	18.57	20.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.62	18.69	18.65	20.0	0.0
Channel				502700	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.67	18.68	18.55	20.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.62	18.72	18.63	20.0	0.0

PC2 FR1 n41 Ant3 ECI4

BW [MHz]	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	21.59	21.62	21.64		
100	PI/2 BPSK	1	137	21.57	21.66	21.58	23.0	0.0
100	PI/2 BPSK	1	271	21.59	21.69	21.59		
100	PI/2 BPSK	135	0	21.60	21.71	21.65	23.0	0.0
100	PI/2 BPSK	135	69	21.61	21.62	21.57	23.0	0.0
100	PI/2 BPSK	135	138	21.60	21.65	21.59	23.0	0.0
100	PI/2 BPSK	270	0	21.61	21.70	21.56		
100	QPSK	1	1	21.69	21.77	21.71		
100	QPSK	1	137	21.63	21.65	21.65	23.0	0.0
100	QPSK	1	271	21.58	21.69	21.63		
100	QPSK	135	0	21.58	21.67	21.67		
100	QPSK	135	69	21.65	21.71	21.68	23.0	0.0
100	QPSK	135	138	21.56	21.70	21.56		
100	QPSK	270	0	21.62	21.68	21.61	23.0	0.0
100	16QAM	1	1	21.58	21.70	21.63	23.0	0.0
100	64QAM	1	1	21.64	21.62	21.64	23.0	0.0
100	256QAM	1	1	21.18	21.31	21.16	22.5	0.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.58	21.65	21.62	23.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	21.55	21.69	21.58	23.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.58	21.74	21.67	23.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.56	21.70	21.65	23.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.65	21.73	21.69	23.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.60	21.72	21.68	23.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.56	21.72	21.61	23.0	0.0
Channel				502700	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.57	21.74	21.58	23.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.62	21.68	21.62	23.0	0.0

FR1 n2 Ant4 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	24.49	24.53	24.44	25.5	0.0
20	PI/2 BPSK	1	53	24.54	24.65	24.54		
20	PI/2 BPSK	1	104	24.57	24.64	24.52		
20	PI/2 BPSK	50	0	24.10	24.16	24.03	25.0	0.5
20	PI/2 BPSK	50	28	24.61	24.72	24.70	25.5	0.0
20	PI/2 BPSK	50	56	24.00	24.13	24.10	25.0	0.5
20	PI/2 BPSK	100	0	24.14	24.18	24.06		
20	QPSK	1	1	24.91	24.95	24.86	25.5	0.0
20	QPSK	1	53	24.65	24.79	24.75		
20	QPSK	1	104	24.60	24.73	24.65		
20	QPSK	50	0	23.52	23.66	23.52	24.5	1.0
20	QPSK	50	28	24.54	24.67	24.57	25.5	0.0
20	QPSK	50	56	23.65	23.67	23.53	24.5	1.0
20	QPSK	100	0	23.63	23.66	23.56		
20	16QAM	1	1	23.25	23.36	23.23	24.5	1.0
20	64QAM	1	1	21.75	21.87	21.78	23.0	2.5
20	256QAM	1	1	20.41	20.51	20.47	21.0	4.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.88	24.90	24.77	25.5	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.80	24.90	24.81	25.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	24.82	24.86	24.72	25.5	0.0

FR1 n7 Ant4 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	25.15	25.18	25.08	25.7	0.0
50	PI/2 BPSK	1	135	25.19	25.30	25.24		
50	PI/2 BPSK	1	268	25.20	25.23	25.20		
50	PI/2 BPSK	135	0	24.85	24.88	24.75	25.2	0.5
50	PI/2 BPSK	135	68	25.38	25.44	25.38	25.7	0.0
50	PI/2 BPSK	135	135	24.76	24.83	24.73	25.2	0.5
50	PI/2 BPSK	270	0	24.79	24.81	24.76		
50	QPSK	1	1	25.35	25.48	25.41	25.7	0.0
50	QPSK	1	135	25.27	25.29	25.25		
50	QPSK	1	268	25.29	25.38	25.33		
50	QPSK	135	0	24.23	24.36	24.33	24.7	1.0
50	QPSK	135	68	25.27	25.37	25.28	25.7	0.0
50	QPSK	135	135	24.26	24.34	24.29	24.7	1.0
50	QPSK	270	0	24.27	24.31	24.24		
50	16QAM	1	1	23.96	24.03	23.90	24.7	1.0
50	64QAM	1	1	22.49	22.55	22.53	23.2	2.5
50	256QAM	1	1	20.89	21.03	20.93	21.2	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	25.26	25.34	25.35	25.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.27	25.40	25.38	25.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.32	25.36	25.34	25.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	25.29	25.35	25.35	25.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	25.31	25.36	25.31	25.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	25.29	25.36	25.28	25.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	25.22	25.39	25.38	25.7	0.0

FR1 n66 Ant4 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	25.07	25.13	25.08	25.7	0.0
40	PI/2 BPSK	1	108	25.21	25.25	25.12		
40	PI/2 BPSK	1	214	25.21	25.25	25.21		
40	PI/2 BPSK	108	0	24.66	24.72	24.64	25.2	0.5
40	PI/2 BPSK	108	54	25.21	25.28	25.24	25.7	0.0
40	PI/2 BPSK	108	108	24.71	24.75	24.67	25.2	0.5
40	PI/2 BPSK	216	0	24.73	24.76	24.63		
40	QPSK	1	1	25.34	25.43	25.38	25.7	0.0
40	QPSK	1	108	25.31	25.37	25.31		
40	QPSK	1	214	25.30	25.35	25.23		
40	QPSK	108	0	24.10	24.18	24.14	24.7	1.0
40	QPSK	108	54	25.21	25.34	25.21	25.7	0.0
40	QPSK	108	108	24.16	24.23	24.18	24.7	1.0
40	QPSK	216	0	24.09	24.22	24.13		
40	16QAM	1	1	23.82	23.93	23.84	24.7	1.0
40	64QAM	1	1	22.38	22.42	22.32	23.2	2.5
40	256QAM	1	1	20.82	20.95	20.92	21.2	4.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	25.28	25.33	25.27	25.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	25.22	25.34	25.29	25.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	25.31	25.31	25.31	25.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	25.29	25.38	25.34	25.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	25.20	25.30	25.33	25.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	25.26	25.33	25.27	25.7	0.0

FR1 n38 Ant4 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	25.31	25.43	25.37		
40	PI/2 BPSK	1	53	25.33	25.43	25.32	25.7	0.0
40	PI/2 BPSK	1	104	25.51	25.57	25.45		
40	PI/2 BPSK	50	0	24.97	25.00	24.87	25.2	0.5
40	PI/2 BPSK	50	28	25.45	25.55	25.53	25.7	0.0
40	PI/2 BPSK	50	56	24.83	24.94	24.92	25.2	0.5
40	PI/2 BPSK	100	0	24.92	24.95	24.90		
40	QPSK	1	1	25.60	25.64	25.56		
40	QPSK	1	53	25.41	25.49	25.43	25.7	0.0
40	QPSK	1	104	25.34	25.48	25.42		
40	QPSK	50	0	24.36	24.44	24.35		
40	QPSK	50	28	25.50	25.54	25.44	25.7	0.0
40	QPSK	50	56	24.27	24.40	24.29		
40	QPSK	100	0	24.35	24.47	24.36	24.7	1.0
40	16QAM	1	1	24.20	24.27	24.17	24.7	1.0
40	64QAM	1	1	22.66	22.78	22.67	23.2	2.5
40	256QAM	1	1	21.17	21.26	21.15	21.2	4.5
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	25.50	25.54	25.45	25.7	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	25.52	25.56	25.47	25.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	25.46	25.55	25.45	25.7	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	25.52	25.54	25.42	25.7	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	25.55	25.51	25.54	25.7	0.0

PC3 FR1 n41 Ant4 ECI4

BW [MHz]	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	23.51	23.64	23.59		
100	PI/2 BPSK	1	137	23.63	23.68	23.57	24.5	0.0
100	PI/2 BPSK	1	271	23.51	23.59	23.49		
100	PI/2 BPSK	135	0	23.56	23.58	23.50	24.0	0.5
100	PI/2 BPSK	135	69	23.45	23.53	23.47	24.5	0.0
100	PI/2 BPSK	135	138	23.32	23.40	23.29	24.0	0.5
100	PI/2 BPSK	270	0	23.44	23.50	23.40		
100	QPSK	1	1	23.68	23.75	23.71		
100	QPSK	1	137	23.46	23.59	23.50	24.5	0.0
100	QPSK	1	271	23.28	23.42	23.38		
100	QPSK	135	0	23.49	23.53	23.48		
100	QPSK	135	69	23.62	23.65	23.55	24.5	0.0
100	QPSK	135	138	23.34	23.40	23.29		
100	QPSK	270	0	23.54	23.56	23.50	23.5	1.0
100	16QAM	1	1	23.20	23.26	23.15	23.5	1.0
100	64QAM	1	1	23.18	23.30	23.20	22.0	2.5
100	256QAM	1	1	22.29	22.38	22.26	20.0	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.56	23.67	23.58	24.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.64	23.61	23.63	24.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.62	23.62	23.60	24.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.66	23.65	23.58	24.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.65	23.61	23.59	24.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.57	23.67	23.64	24.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.64	23.63	23.68	24.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.66	23.63	23.59	24.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.58	23.64	23.69	24.5	0.0

PC2 FR1 n41 Ant4 ECI4

BW [MHz]	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	26.28	26.50	26.42		
100	PI/2 BPSK	1	137	26.38	26.45	26.37	27.0	0.0
100	PI/2 BPSK	1	271	26.36	26.42	26.33		
100	PI/2 BPSK	135	0	26.32	26.34	26.32	26.5	0.5
100	PI/2 BPSK	135	69	26.20	26.36	26.22	27.0	0.0
100	PI/2 BPSK	135	138	26.06	26.21	26.05	26.5	0.5
100	PI/2 BPSK	270	0	26.27	26.32	26.19		
100	QPSK	1	1	26.43	26.54	26.53		
100	QPSK	1	137	26.30	26.39	26.35	27.0	0.0
100	QPSK	1	271	26.10	26.20	26.17		
100	QPSK	135	0	26.30	26.34	26.31		
100	QPSK	135	69	26.42	26.45	26.39	27.0	0.0
100	QPSK	135	138	26.16	26.23	26.05		
100	QPSK	270	0	26.29	26.38	26.32	26.0	1.0
100	16QAM	1	1	25.99	26.05	25.90	26.0	1.0
100	64QAM	1	1	25.98	26.11	25.97	24.5	2.5
100	256QAM	1	1	25.11	25.22	25.08	22.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.37	26.48	26.39	27.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	26.37	26.50	26.47	27.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.36	26.41	26.41	27.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.38	26.44	26.50	27.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.37	26.48	26.43	27.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.30	26.48	26.47	27.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.34	26.42	26.45	27.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.36	26.45	26.50	27.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.36	26.46	26.49	27.0	0.0

FR1 n2 Ant5 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.86	20.93	20.95	22.0	0.0
20	PI/2 BPSK	1	53	20.88	20.92	20.84		
20	PI/2 BPSK	1	104	20.89	20.99	20.88		
20	PI/2 BPSK	50	0	20.90	20.91	20.93	22.0	0.0
20	PI/2 BPSK	50	28	20.89	21.01	20.86	22.0	0.0
20	PI/2 BPSK	50	56	20.86	20.94	20.92	22.0	0.0
20	PI/2 BPSK	100	0	20.90	21.00	20.84		
20	QPSK	1	1	20.90	21.05	20.91	22.0	0.0
20	QPSK	1	53	20.87	20.96	20.90		
20	QPSK	1	104	20.85	20.96	20.91		
20	QPSK	50	0	20.87	21.02	20.91	22.0	0.0
20	QPSK	50	28	20.92	21.03	20.92	22.0	0.0
20	QPSK	50	56	20.84	20.98	20.93	22.0	0.0
20	QPSK	100	0	20.85	20.97	20.91		
20	16QAM	1	1	20.83	20.92	20.86	22.0	0.0
20	64QAM	1	1	20.29	20.35	20.23	21.5	0.5
20	256QAM	1	1	18.36	18.47	18.43	19.5	2.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.78	20.84	20.80	22.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.77	20.92	20.77	22.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.77	20.82	20.77	22.0	0.0

FR1 n7 Ant5 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.07	20.14	20.09	21.5	0.0
50	PI/2 BPSK	1	135	20.07	20.07	20.10		
50	PI/2 BPSK	1	268	20.00	20.12	20.10		
50	PI/2 BPSK	135	0	19.97	20.08	20.03	21.5	0.0
50	PI/2 BPSK	135	68	20.02	20.15	20.12	21.5	0.0
50	PI/2 BPSK	135	135	19.99	20.12	20.06	21.5	0.0
50	PI/2 BPSK	270	0	20.04	20.17	20.10		
50	QPSK	1	1	20.04	20.21	20.12	21.5	0.0
50	QPSK	1	135	19.99	20.12	20.02		
50	QPSK	1	268	20.01	20.06	20.08		
50	QPSK	135	0	19.96	20.13	20.12	21.5	0.0
50	QPSK	135	68	20.05	20.15	20.06	21.5	0.0
50	QPSK	135	135	20.03	20.07	20.13	21.5	0.0
50	QPSK	270	0	19.97	20.14	20.13		
50	16QAM	1	1	20.03	20.12	20.13	21.5	0.0
50	64QAM	1	1	19.99	20.14	20.03	21.5	0.0
50	256QAM	1	1	17.95	18.06	17.97	19.5	2.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.94	20.05	19.92	21.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.86	20.04	19.93	21.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.90	20.00	19.99	21.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.95	19.95	19.94	21.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.97	20.04	20.00	21.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.86	19.98	20.02	21.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.97	19.97	19.97	21.5	0.0

FR1 n66 Ant5 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.41	22.45	22.40	23.5	0.0
40	PI/2 BPSK	1	108	22.43	22.50	22.41		
40	PI/2 BPSK	1	214	22.34	22.38	22.36		
40	PI/2 BPSK	108	0	22.37	22.40	22.36	23.5	0.0
40	PI/2 BPSK	108	54	22.38	22.42	22.33	23.5	0.0
40	PI/2 BPSK	108	108	22.40	22.48	22.39	23.5	0.0
40	PI/2 BPSK	216	0	22.41	22.41	22.31		
40	QPSK	1	1	22.34	22.53	22.41	23.5	0.0
40	QPSK	1	108	22.35	22.41	22.34		
40	QPSK	1	214	22.33	22.48	22.36		
40	QPSK	108	0	22.40	22.40	22.34	23.5	0.0
40	QPSK	108	54	22.34	22.51	22.32	23.5	0.0
40	QPSK	108	108	22.34	22.49	22.39	23.5	0.0
40	QPSK	216	0	22.43	22.45	22.34		
40	16QAM	1	1	22.40	22.42	22.31	23.5	0.0
40	64QAM	1	1	20.79	20.96	20.91	22.0	1.5
40	256QAM	1	1	18.86	19.09	18.91	20.0	3.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.24	22.33	22.28	23.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.28	22.32	22.21	23.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.25	22.34	22.26	23.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.27	22.40	22.27	23.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.23	22.30	22.23	23.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.26	22.37	22.28	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				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	21.35	21.41	21.35	22.5	0.0
40	PI/2 BPSK	1	53	21.38	21.44	21.35		
40	PI/2 BPSK	1	104	21.37	21.39	21.36		
40	PI/2 BPSK	50	0	21.29	21.50	21.31	22.5	0.0
40	PI/2 BPSK	50	28	21.34	21.41	21.43	22.5	0.0
40	PI/2 BPSK	50	56	21.39	21.46	21.42	22.5	0.0
40	PI/2 BPSK	100	0	21.37	21.48	21.33		
40	QPSK	1	1	21.39	21.53	21.34	22.5	0.0
40	QPSK	1	53	21.32	21.51	21.32		
40	QPSK	1	104	21.31	21.49	21.40		
40	QPSK	50	0	21.30	21.48	21.41	22.5	0.0
40	QPSK	50	28	21.38	21.50	21.37		
40	QPSK	50	56	21.33	21.48	21.36		
40	QPSK	100	0	21.37	21.43	21.32	22.5	0.0
40	16QAM	1	1	21.38	21.51	21.41	22.5	0.0
40	64QAM	1	1	20.35	20.41	20.34	21.5	1.0
40	256QAM	1	1	18.21	18.25	18.32	19.5	3.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	21.25	21.29	21.22	22.5	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	21.19	21.30	21.30	22.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.31	21.38	21.23	22.5	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	21.21	21.40	21.28	22.5	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	21.23	21.35	21.23	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.92	20.01	19.85	21.5	0.0
100	PI/2 BPSK	1	137	19.91	19.95	19.91		
100	PI/2 BPSK	1	271	19.89	20.00	19.83		
100	PI/2 BPSK	135	0	19.84	19.92	19.87	21.5	0.0
100	PI/2 BPSK	135	69	19.92	19.94	19.89	21.5	0.0
100	PI/2 BPSK	135	138	19.81	19.90	19.89	21.5	0.0
100	PI/2 BPSK	270	0	19.83	19.99	19.81		
100	QPSK	1	1	19.97	20.06	19.95	21.5	0.0
100	QPSK	1	137	19.86	19.95	19.93		
100	QPSK	1	271	19.91	19.98	19.84		
100	QPSK	135	0	19.93	20.02	19.85	21.5	0.0
100	QPSK	135	69	19.93	20.03	19.88		
100	QPSK	135	138	19.85	19.93	19.86		
100	QPSK	270	0	19.87	20.02	19.91	21.5	0.0
100	16QAM	1	1	19.83	19.95	19.85	21.5	0.0
100	64QAM	1	1	18.48	18.55	18.50	20.0	1.5
100	256QAM	1	1	16.43	16.61	16.50	18.0	3.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.87	19.93	19.86	21.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.86	19.92	19.88	21.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.91	19.95	19.85	21.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.91	19.94	19.90	21.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.86	20.01	19.83	21.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.90	19.92	19.84	21.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.90	19.93	19.82	21.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.89	19.98	19.90	21.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.92	19.99	19.89	21.5	0.0

PC2 FR1 n41 Ant5 ECI4

BW [MHz]	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	23.18	23.28	23.24	24.5	0.0
100	PI/2 BPSK	1	137	23.19	23.19	23.25		
100	PI/2 BPSK	1	271	23.12	23.29	23.26		
100	PI/2 BPSK	135	0	23.12	23.28	23.19	24.5	0.0
100	PI/2 BPSK	135	69	23.18	23.27	23.19	24.5	0.0
100	PI/2 BPSK	135	138	23.16	23.23	23.18	24.5	0.0
100	PI/2 BPSK	270	0	23.12	23.28	23.21		
100	QPSK	1	1	23.27	23.34	23.30	24.5	0.0
100	QPSK	1	137	23.22	23.19	23.16		
100	QPSK	1	271	23.22	23.21	23.22		
100	QPSK	135	0	23.13	23.26	23.21	24.5	0.0
100	QPSK	135	69	23.21	23.30	23.18		
100	QPSK	135	138	23.20	23.28	23.24		
100	QPSK	270	0	23.19	23.29	23.20	24.5	0.0
100	16QAM	1	1	23.17	23.23	23.23	24.5	0.0
100	64QAM	1	1	21.78	21.84	21.75	23.0	1.5
100	256QAM	1	1	19.83	19.84	19.83	21.0	3.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.21	23.27	23.26	24.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.24	23.29	23.27	24.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.17	23.30	23.19	24.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.16	23.29	23.22	24.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.16	23.28	23.20	24.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.14	23.31	23.27	24.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.15	23.30	23.25	24.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.21	23.25	23.27	24.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.17	23.21	23.21	24.5	0.0

FR1 n48 Ant6 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.91	23.94	23.93	24.2	0.0
40	PI/2 BPSK	1	53	23.96	23.95	23.93		
40	PI/2 BPSK	1	104	23.93	23.90	23.90		
40	PI/2 BPSK	50	0	23.92	23.87	23.83	24.2	0.0
40	PI/2 BPSK	50	28	23.84	24.04	23.93	24.2	0.0
40	PI/2 BPSK	50	56	23.84	23.85	23.90	24.2	0.0
40	PI/2 BPSK	100	0	23.95	23.98	23.87		
40	QPSK	1	1	23.81	24.05	23.88	24.2	0.0
40	QPSK	1	53	23.89	23.90	23.84		
40	QPSK	1	104	23.89	23.96	24.00		
40	QPSK	50	0	23.93	23.96	24.02	24.2	0.0
40	QPSK	50	28	23.94	24.03	23.94		
40	QPSK	50	56	23.89	23.94	23.94		
40	QPSK	100	0	23.92	24.01	23.91	24.2	0.0
40	16QAM	1	1	23.93	23.87	23.87	24.2	0.0
40	64QAM	1	1	22.34	22.38	22.35	23.2	1.0
40	256QAM	1	1	20.37	20.38	20.39	21.2	3.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.75	23.96	23.84	24.2	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.73	23.89	23.85	24.2	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.75	23.97	23.78	24.2	0.0

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PC3 FR1 n77 PartO Ant6 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.18	22.22	22.15	23.5	0.0
100	PI/2 BPSK	1	137	22.02	22.06	21.97		
100	PI/2 BPSK	1	271	21.94	22.00	21.86		
100	PI/2 BPSK	135	0	21.98	22.02	21.98	23.5	0.0
100	PI/2 BPSK	135	69	21.81	21.93	21.83	23.5	0.0
100	PI/2 BPSK	135	138	21.90	21.94	21.85	23.5	0.0
100	PI/2 BPSK	270	0	21.79	21.92	21.86		
100	QPSK	1	1	22.22	22.30	22.28	23.5	0.0
100	QPSK	1	137	21.87	21.99	21.90		
100	QPSK	1	271	21.86	21.89	21.84		
100	QPSK	135	0	21.95	22.06	21.95	23.5	0.0
100	QPSK	135	69	22.17	22.24	22.12		
100	QPSK	135	138	21.90	21.96	21.83		
100	QPSK	270	0	21.86	21.94	21.84	23.5	0.0
100	16QAM	1	1	21.67	21.78	21.67	23.5	0.0
100	64QAM	1	1	21.70	21.83	21.73	23.5	0.0
100	256QAM	1	1	20.80	20.84	20.77	22.0	1.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.16	22.27	22.23	23.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.12	22.20	22.16	23.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.08	22.25	22.16	23.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.16	22.20	22.20	23.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.12	22.17	22.25	23.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.13	22.21	22.25	23.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	22.15	22.22	22.25	23.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	22.11	22.20	22.14	23.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.18	22.27	22.14	23.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	22.19	22.25	22.23	23.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.19	22.23	22.18	23.5	0.0

PC2 FR1 n77 PartO Ant6 ECI4

BW [MHz]	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	24.99	25.07	24.97	26.0	0.0
100	PI/2 BPSK	1	137	24.87	24.98	24.86		
100	PI/2 BPSK	1	271	24.72	24.79	24.74		
100	PI/2 BPSK	135	0	24.47	24.50	24.46	25.5	0.5
100	PI/2 BPSK	135	69	24.94	25.00	24.95	26.0	0.0
100	PI/2 BPSK	135	138	24.25	24.37	24.26	25.5	0.5
100	PI/2 BPSK	270	0	24.29	24.40	24.27		
100	QPSK	1	1	25.04	25.11	25.02	26.0	0.0
100	QPSK	1	137	24.70	24.84	24.79		
100	QPSK	1	271	24.61	24.67	24.64		
100	QPSK	135	0	23.95	24.04	23.95	26.0	0.0
100	QPSK	135	69	24.91	25.05	24.94		
100	QPSK	135	138	23.87	23.96	23.91		
100	QPSK	270	0	23.86	23.97	23.92	25.0	1.0
100	16QAM	1	1	24.12	24.15	24.08	25.0	1.0
100	64QAM	1	1	22.64	22.71	22.60	23.5	2.5
100	256QAM	1	1	20.11	20.14	20.04	21.5	4.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	24.95	24.99	24.93	26.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	25.01	25.07	24.96	26.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.95	24.97	24.99	26.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	24.98	25.05	25.00	26.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	24.98	25.09	24.98	26.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.94	25.02	24.93	26.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	24.96	25.05	24.99	26.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	24.92	25.01	24.88	26.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	25.01	24.97	24.98	26.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	24.91	25.08	25.00	26.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.90	25.02	24.92	26.0	0.0

PC3 FR1 n77 PartQ Ant6 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		22.39			
100	PI/2 BPSK	1	137		22.31		23.5	0.0
100	PI/2 BPSK	1	271		22.35			
100	PI/2 BPSK	135	0		22.39		23.5	0.0
100	PI/2 BPSK	135	69		22.41		23.5	0.0
100	PI/2 BPSK	135	138		22.38		23.5	0.0
100	PI/2 BPSK	270	0		22.38			
100	QPSK	1	1		22.55			
100	QPSK	1	137		22.51		23.5	0.0
100	QPSK	1	271		22.38			
100	QPSK	135	0		22.44			
100	QPSK	135	69		22.48		23.5	0.0
100	QPSK	135	138		22.44			
100	QPSK	270	0		22.39		23.5	0.0
100	16QAM	1	1		21.97		23.5	0.0
100	64QAM	1	1		22.02		23.5	0.0
100	256QAM	1	1		21.02		22.0	1.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	22.42	22.49	22.46	23.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	22.38	22.38	22.42	23.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	22.28	22.43	22.33	23.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	22.36	22.46	22.34	23.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	22.28	22.37	22.43	23.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	22.28	22.47	22.38	23.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	22.40	22.44	22.40	23.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	22.29	22.42	22.40	23.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	22.34	22.36	22.40	23.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	22.39	22.37	22.39	23.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	22.33	22.39	22.36	23.5	0.0

PC2 FR1 n77 PartQ Ant6 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		25.26			
100	PI/2 BPSK	1	137		25.31		26.0	0.0
100	PI/2 BPSK	1	271		25.29			
100	PI/2 BPSK	135	0		24.91		25.5	0.5
100	PI/2 BPSK	135	69		25.30		26.0	0.0
100	PI/2 BPSK	135	138		24.91		25.5	0.5
100	PI/2 BPSK	270	0		24.89			
100	QPSK	1	1		25.42			
100	QPSK	1	137		25.35		26.0	0.0
100	QPSK	1	271		25.14			
100	QPSK	135	0		24.48			
100	QPSK	135	69		25.48		26.0	0.0
100	QPSK	135	138		24.46			
100	QPSK	270	0		24.47		25.0	1.0
100	16QAM	1	1		24.39		25.0	1.0
100	64QAM	1	1		22.93		23.5	2.5
100	256QAM	1	1		20.32		21.5	4.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	25.32	25.37	25.34	26.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	25.24	25.24	25.30	26.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	25.23	25.26	25.27	26.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	25.28	25.34	25.22	26.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	25.19	25.27	25.29	26.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	25.19	25.32	25.24	26.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	25.19	25.33	25.23	26.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	25.21	25.28	25.23	26.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	25.19	25.35	25.24	26.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	25.25	25.31	25.21	26.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	25.22	25.35	25.30	26.0	0.0

PC3 FR1 n78 PartO Ant6 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		22.94			
100	PI/2 BPSK	1	137		22.92		23.5	0.0
100	PI/2 BPSK	1	271		22.88			
100	PI/2 BPSK	135	0		22.96		23.5	0.0
100	PI/2 BPSK	135	69		22.86		23.5	0.0
100	PI/2 BPSK	135	138		22.88		23.5	0.0
100	PI/2 BPSK	270	0		22.91			
100	QPSK	1	1		22.97			
100	QPSK	1	137		22.90		23.5	0.0
100	QPSK	1	271		22.94			
100	QPSK	135	0		22.91			
100	QPSK	135	69		22.94		23.5	0.0
100	QPSK	135	138		22.93			
100	QPSK	270	0		22.90		23.5	0.0
100	16QAM	1	1		22.87		23.5	0.0
100	64QAM	1	1		22.87		23.5	0.0
100	256QAM	1	1		21.81		22.5	1.0
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	22.81	22.90	22.91	23.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	22.82	22.82	22.92	23.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	22.86	22.81	22.83	23.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	22.89	22.90	22.85	23.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	22.86	22.84	22.85	23.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	22.88	22.91	22.81	23.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	22.82	22.88	22.90	23.5	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	22.83	22.84	22.84	23.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	22.92	22.89	22.82	23.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	22.87	22.87	22.93	23.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	22.84	22.86	22.92	23.5	0.0

PC2 FR1 n78 PartO Ant6 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.95			
100	PI/2 BPSK	1	137		25.96		26.5	0.0
100	PI/2 BPSK	1	271		25.89			
100	PI/2 BPSK	135	0		26.01		26.5	0.0
100	PI/2 BPSK	135	69		25.82		26.5	0.0
100	PI/2 BPSK	135	138		25.86		26.5	0.0
100	PI/2 BPSK	270	0		25.91			
100	QPSK	1	1		26.05			
100	QPSK	1	137		25.85		26.5	0.0
100	QPSK	1	271		25.93			
100	QPSK	135	0		25.93			
100	QPSK	135	69		25.95		26.5	0.0
100	QPSK	135	138		25.91			
100	QPSK	270	0		25.50		26.0	0.5
100	16QAM	1	1		25.45		26.0	0.5
100	64QAM	1	1		24.01		24.5	2.0
100	256QAM	1	1		22.05		22.5	4.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	25.83	25.82	25.91	26.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	25.90	25.92	25.80	26.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.86	25.89	25.86	26.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	25.87	25.82	25.84	26.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	25.80	25.81	25.82	26.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.83	25.85	25.90	26.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	25.80	25.87	25.88	26.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	25.88	25.82	25.91	26.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	25.84	25.84	25.82	26.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	25.85	25.87	25.87	26.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.84	25.87	25.84	26.5	0.0

PC3 FR1 n78 PartQ Ant6 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.04			
100	PI/2 BPSK	1	137		22.95		23.5	0.0
100	PI/2 BPSK	1	271		23.06			
100	PI/2 BPSK	135	0		23.05		23.5	0.0
100	PI/2 BPSK	135	69		22.97		23.5	0.0
100	PI/2 BPSK	135	138		23.05		23.5	0.0
100	PI/2 BPSK	270	0		23.01			
100	QPSK	1	1		23.08			
100	QPSK	1	137		23.07		23.5	0.0
100	QPSK	1	271		23.06			
100	QPSK	135	0		23.06			
100	QPSK	135	69		23.07		23.5	0.0
100	QPSK	135	138		23.00			
100	QPSK	270	0		22.96		23.5	0.0
100	16QAM	1	1		23.00		23.5	0.0
100	64QAM	1	1		22.01		23.5	0.0
100	256QAM	1	1		22.05		22.5	1.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.85	22.96	22.90	23.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.89	22.92	22.87	23.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.94	22.93	22.94	23.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.84	22.85	22.87	23.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.93	22.88	22.87	23.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.88	22.84	22.96	23.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.93	22.87	22.89	23.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.86	22.88	22.89	23.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.94	22.96	22.90	23.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.95	22.86	22.93	23.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.94	22.90	22.88	23.5	0.0

PC2 FR1 n78 PartQ Ant6 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.57			
100	PI/2 BPSK	1	137		25.65		26.5	0.0
100	PI/2 BPSK	1	271		25.66			
100	PI/2 BPSK	135	0		25.60		26.5	0.0
100	PI/2 BPSK	135	69		25.63		26.5	0.0
100	PI/2 BPSK	135	138		25.65		26.5	0.0
100	PI/2 BPSK	270	0		25.66			
100	QPSK	1	1		25.68			
100	QPSK	1	137		25.62		26.5	0.0
100	QPSK	1	271		25.60			
100	QPSK	135	0		25.61			
100	QPSK	135	69		25.65		26.5	0.0
100	QPSK	135	138		25.64			
100	QPSK	270	0		25.13		25.5	0.5
100	16QAM	1	1		25.08		25.5	0.5
100	64QAM	1	1		23.55		24.0	2.0
100	256QAM	1	1		21.71		22.0	4.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.63	25.62	25.55	26.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.52	25.56	25.55	26.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.62	25.53	25.54	26.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.63	25.62	25.56	26.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.62	25.53	25.61	26.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.56	25.53	25.54	26.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.54	25.61	25.54	26.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.63	25.56	25.62	26.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.55	25.62	25.55	26.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.63	25.63	25.53	26.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.54	25.57	25.55	26.5	0.0

FR1 n48 Ant7 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.93	23.04	23.05	24.0	0.0
40	PI/2 BPSK	1	53	22.99	23.07	23.06		
40	PI/2 BPSK	1	104	22.92	23.01	23.00		
40	PI/2 BPSK	50	0	22.90	23.07	23.05	24.0	0.0
40	PI/2 BPSK	50	28	22.96	23.08	22.99	24.0	0.0
40	PI/2 BPSK	50	56	22.98	23.05	22.98	24.0	0.0
40	PI/2 BPSK	100	0	23.00	23.06	22.99		
40	QPSK	1	1	22.92	23.11	22.96	24.0	0.0
40	QPSK	1	53	22.95	23.01	22.95		
40	QPSK	1	104	22.96	23.06	23.02		
40	QPSK	50	0	22.99	23.02	22.96	24.0	0.0
40	QPSK	50	28	22.90	23.09	23.00		
40	QPSK	50	56	22.96	23.01	23.04		
40	QPSK	100	0	22.99	23.08	23.04	24.0	0.0
40	16QAM	1	1	22.93	23.09	23.04	24.0	0.0
40	64QAM	1	1	21.94	21.94	21.90	23.0	1.0
40	256QAM	1	1	19.92	20.04	19.95	21.0	3.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.85	22.85	22.80	24.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.86	22.90	22.92	24.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.86	22.89	22.89	24.0	0.0

3.35
24.65

PC3 FR1 n77 PartO Ant7 ECI4

BW [MHz]	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	21.11	21.14	21.09	23.0	0.0
100	PI/2 BPSK	1	137	21.13	21.16	21.10		
100	PI/2 BPSK	1	271	21.25	21.31	21.26		
100	PI/2 BPSK	135	0	21.03	21.07	21.00	23.0	0.0
100	PI/2 BPSK	135	69	21.00	21.04	21.01	23.0	0.0
100	PI/2 BPSK	135	138	21.18	21.20	21.14	23.0	0.0
100	PI/2 BPSK	270	0	21.03	21.06	21.03		
100	QPSK	1	1	21.28	21.33	21.31	23.0	0.0
100	QPSK	1	137	21.03	21.10	21.07		
100	QPSK	1	271	21.20	21.24	21.21		
100	QPSK	135	0	21.02	21.04	20.97	23.0	0.0
100	QPSK	135	69	21.35	21.40	21.34		
100	QPSK	135	138	21.18	21.26	21.21		
100	QPSK	270	0	20.97	21.05	21.01	23.0	0.0
100	16QAM	1	1	21.02	21.01	21.01	23.0	0.0
100	64QAM	1	1	21.01	21.07	21.00	23.0	0.0
100	256QAM	1	1	19.87	19.90	19.82	21.5	1.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.17	21.20	21.21	23.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.21	21.25	21.23	23.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.21	21.20	21.22	23.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.17	21.22	21.22	23.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.19	21.24	21.19	23.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.17	21.23	21.20	23.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	21.17	21.24	21.21	23.0	0.0
Channel				647502	656000	664502	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	21.19	21.24	21.22	23.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.21	21.25	21.19	23.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	21.17	21.22	21.24	23.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.17	21.26	21.19	23.0	0.0

PC2 FR1 n77 PartO Ant7 ECI4

BW [MHz]	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	24.04	24.10	24.02	26.0	0.0
100	PI/2 BPSK	1	137	24.03	24.07	24.03		
100	PI/2 BPSK	1	271	24.01	24.02	24.03		
100	PI/2 BPSK	135	0	23.56	23.58	23.55	25.5	0.5
100	PI/2 BPSK	135	69	24.04	24.07	24.02	26.0	0.0
100	PI/2 BPSK	135	138	23.51	23.51	23.55	25.5	0.5
100	PI/2 BPSK	270	0	23.55	23.57	23.51		
100	QPSK	1	1	24.15	24.22	24.15	26.0	0.0
100	QPSK	1	137	24.04	24.08	24.00		
100	QPSK	1	271	24.04	24.10	24.06		
100	QPSK	135	0	22.84	22.87	22.82	26.0	0.0
100	QPSK	135	69	24.17	24.20	24.18		
100	QPSK	135	138	23.04	23.10	23.08		
100	QPSK	270	0	22.87	22.95	22.89	25.0	1.0
100	16QAM	1	1	23.01	23.05	23.03	25.0	1.0
100	64QAM	1	1	21.51	21.51	21.52	23.5	2.5
100	256QAM	1	1	19.84	19.90	19.86	21.5	4.5
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	24.03	24.12	24.07	26.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	24.07	24.13	24.03	26.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.05	24.14	24.04	26.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	24.06	24.13	24.07	26.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	24.06	24.14	24.07	26.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.05	24.14	24.03	26.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	24.05	24.12	24.03	26.0	0.0
Channel				647502	656000	664502	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	24.07	24.15	24.05	26.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	24.04	24.14	24.03	26.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	24.08	24.12	24.04	26.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.08	24.14	24.03	26.0	0.0

PC3 FR1 n77 PartQ Ant7 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.52			
100	PI/2 BPSK	1	137		21.67		23.0	0.0
100	PI/2 BPSK	1	271		21.67			
100	PI/2 BPSK	135	0		21.44		23.0	0.0
100	PI/2 BPSK	135	69		21.54		23.0	0.0
100	PI/2 BPSK	135	138		21.43		23.0	0.0
100	PI/2 BPSK	270	0		21.47			
100	QPSK	1	1		21.77			
100	QPSK	1	137		21.75		23.0	0.0
100	QPSK	1	271		21.50			
100	QPSK	135	0		21.48			
100	QPSK	135	69		21.61		23.0	0.0
100	QPSK	135	138		21.51			
100	QPSK	270	0		21.49		23.0	0.0
100	16QAM	1	1		21.70		23.0	0.0
100	64QAM	1	1		21.67		23.0	0.0
100	256QAM	1	1		20.10		21.5	1.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.67	21.72	21.70	23.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.64	21.62	21.67	23.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.55	21.59	21.66	23.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.60	21.60	21.56	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.64	21.64	21.61	23.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.54	21.69	21.60	23.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.58	21.60	21.63	23.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	21.59	21.68	21.62	23.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.53	21.69	21.62	23.0	0.0
Channel				630501	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.63	21.70	21.56	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.59	21.69	21.62	23.0	0.0

PC2 FR1 n77 PartQ Ant7 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.35			
100	PI/2 BPSK	1	137		24.69		26.0	0.0
100	PI/2 BPSK	1	271		24.45			
100	PI/2 BPSK	135	0		23.94		25.5	0.5
100	PI/2 BPSK	135	69		24.63		26.0	0.0
100	PI/2 BPSK	135	138		23.92		25.5	0.5
100	PI/2 BPSK	270	0		23.95			
100	QPSK	1	1		24.72			
100	QPSK	1	137		24.53		26.0	0.0
100	QPSK	1	271		24.34			
100	QPSK	135	0		23.49			
100	QPSK	135	69		24.59		26.0	0.0
100	QPSK	135	138		23.48			
100	QPSK	270	0		23.50		25.0	1.0
100	16QAM	1	1		23.38		25.0	1.0
100	64QAM	1	1		21.93		23.5	2.5
100	256QAM	1	1		20.10		21.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.61	24.67	24.62	26.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.49	24.64	24.50	26.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.51	24.53	24.56	26.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.54	24.58	24.58	26.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.55	24.60	24.54	26.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.59	24.58	24.52	26.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.54	24.58	24.56	26.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.56	24.63	24.49	26.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.50	24.63	24.58	26.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.56	24.56	24.52	26.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.58	24.54	24.49	26.0	0.0

PC3 FR1 n78 PartO Ant7 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.38			
100	PI/2 BPSK	1	137		22.16		23.5	0.0
100	PI/2 BPSK	1	271		21.87			
100	PI/2 BPSK	135	0		22.07		23.5	0.0
100	PI/2 BPSK	135	69		21.94		23.5	0.0
100	PI/2 BPSK	135	138		21.87		23.5	0.0
100	PI/2 BPSK	270	0		21.98			
100	QPSK	1	1		22.40			
100	QPSK	1	137		22.09		23.5	0.0
100	QPSK	1	271		21.88			
100	QPSK	135	0		22.13			
100	QPSK	135	69		22.01		23.5	0.0
100	QPSK	135	138		21.83			
100	QPSK	270	0		22.01		23.5	0.0
100	16QAM	1	1		21.92		23.5	0.0
100	64QAM	1	1		21.91		23.5	0.0
100	256QAM	1	1		21.04		22.0	1.5
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	22.30	22.34	22.28	23.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	22.25	22.28	22.14	23.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.17	22.25	22.24	23.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	22.18	22.24	22.15	23.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	22.19	22.23	22.17	23.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.19	22.28	22.20	23.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	22.26	22.21	22.19	23.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	22.24	22.27	22.26	23.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	22.17	22.30	22.23	23.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	22.25	22.20	22.15	23.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.24	22.22	22.18	23.5	0.0

PC2 FR1 n78 PartO Ant7 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		25.26			
100	PI/2 BPSK	1	137		25.00		26.5	0.0
100	PI/2 BPSK	1	271		24.87			
100	PI/2 BPSK	135	0		24.52		26.0	0.5
100	PI/2 BPSK	135	69		24.99		26.5	0.0
100	PI/2 BPSK	135	138		24.89		26.0	0.5
100	PI/2 BPSK	270	0		24.41			
100	QPSK	1	1		25.31			
100	QPSK	1	137		24.81		26.5	0.0
100	QPSK	1	271		24.89			
100	QPSK	135	0		24.12			
100	QPSK	135	69		24.96		26.5	0.0
100	QPSK	135	138		23.75			
100	QPSK	270	0		23.97		25.5	1.0
100	16QAM	1	1		24.19		25.5	1.0
100	64QAM	1	1		22.77		24.0	2.5
100	256QAM	1	1		20.35		22.0	4.5
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	25.20	25.27	25.26	26.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	25.16	25.22	25.13	26.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	25.12	25.21	25.21	26.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	25.15	25.19	25.18	26.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	25.10	25.20	25.20	26.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	25.08	25.22	25.16	26.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	25.16	25.22	25.24	26.5	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	25.12	25.15	25.18	26.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	25.06	25.18	25.20	26.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	25.17	25.16	25.13	26.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	25.15	25.23	25.16	26.5	0.0

PC3 FR1 n78 PartQ Ant7 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		22.49			
100	PI/2 BPSK	1	137		22.81		23.5	0.0
100	PI/2 BPSK	1	271		22.60			
100	PI/2 BPSK	135	0		22.38		23.5	0.0
100	PI/2 BPSK	135	69		22.50		23.5	0.0
100	PI/2 BPSK	135	138		22.35		23.5	0.0
100	PI/2 BPSK	270	0		22.44			
100	QPSK	1	1		22.84			
100	QPSK	1	137		22.69		23.5	0.0
100	QPSK	1	271		22.44			
100	QPSK	135	0		22.43			
100	QPSK	135	69		22.61		23.5	0.0
100	QPSK	135	138		22.42			
100	QPSK	270	0		22.46		23.5	0.0
100	16QAM	1	1		22.01		23.5	0.0
100	64QAM	1	1		22.05		23.5	0.0
100	256QAM	1	1		21.25		22.0	1.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	22.74	22.77	22.73	23.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	22.65	22.68	22.60	23.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	22.65	22.70	22.65	23.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	22.65	22.68	22.70	23.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	22.71	22.63	22.61	23.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	22.70	22.75	22.63	23.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	22.69	22.63	22.61	23.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	22.65	22.69	22.61	23.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	22.62	22.70	22.60	23.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	22.68	22.72	22.65	23.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	22.71	22.69	22.68	23.5	0.0

PC2 FR1 n78 PartQ Ant7 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		25.40			
100	PI/2 BPSK	1	137		25.67		26.5	0.0
100	PI/2 BPSK	1	271		25.50			
100	PI/2 BPSK	135	0		24.89		26.0	0.5
100	PI/2 BPSK	135	69		25.61		26.5	0.0
100	PI/2 BPSK	135	138		24.85		26.0	0.5
100	PI/2 BPSK	270	0		24.92			
100	QPSK	1	1		25.73			
100	QPSK	1	137		25.45		26.5	0.0
100	QPSK	1	271		25.29			
100	QPSK	135	0		24.44			
100	QPSK	135	69		25.50		26.5	0.0
100	QPSK	135	138		24.42			
100	QPSK	270	0		24.49		25.5	1.0
100	16QAM	1	1		24.37		25.5	1.0
100	64QAM	1	1		22.93		24.0	2.5
100	256QAM	1	1		20.48		22.0	4.5
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	25.61	25.64	25.60	26.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	25.51	25.52	25.51	26.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	25.52	25.53	25.52	26.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	25.56	25.55	25.50	26.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	25.49	25.57	25.53	26.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	25.47	25.51	25.52	26.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	25.47	25.59	25.54	26.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	25.57	25.61	25.47	26.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	25.55	25.60	25.51	26.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	25.54	25.58	25.50	26.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	25.49	25.54	25.49	26.5	0.0

FR1 n48 Ant8 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.67	21.68	21.59	22.5	0.0
40	PI/2 BPSK	1	53	21.61	21.70	21.64		
40	PI/2 BPSK	1	104	21.58	21.67	21.65		
40	PI/2 BPSK	50	0	21.64	21.72	21.58	22.5	0.0
40	PI/2 BPSK	50	28	21.57	21.73	21.62	22.5	0.0
40	PI/2 BPSK	50	56	21.63	21.64	21.60	22.5	0.0
40	PI/2 BPSK	100	0	21.67	21.70	21.60		
40	QPSK	1	1	21.62	21.75	21.58	22.5	0.0
40	QPSK	1	53	21.59	21.69	21.62		
40	QPSK	1	104	21.67	21.66	21.60		
40	QPSK	50	0	21.60	21.62	21.58	22.5	0.0
40	QPSK	50	28	21.58	21.69	21.68		
40	QPSK	50	56	21.59	21.64	21.61		
40	QPSK	100	0	21.63	21.70	21.61	22.5	0.0
40	16QAM	1	1	21.58	21.72	21.64	22.5	0.0
40	64QAM	1	1	21.65	21.65	21.61	22.5	0.0
40	256QAM	1	1	21.50	21.61	21.46	22.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.54	21.57	21.47	22.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.50	21.63	21.52	22.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.56	21.60	21.53	22.5	0.0

PC3 FR1 n77 PartO Ant8 ECI4

BW [MHz]	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	15.79	15.94	15.81	17.5	0.0
100	PI/2 BPSK	1	137	15.83	15.93	15.80		
100	PI/2 BPSK	1	271	15.79	15.97	15.87		
100	PI/2 BPSK	135	0	15.79	15.88	15.80	17.5	0.0
100	PI/2 BPSK	135	69	15.85	15.98	15.81	17.5	0.0
100	PI/2 BPSK	135	138	15.81	15.90	15.79	17.5	0.0
100	PI/2 BPSK	270	0	15.88	15.94	15.79		
100	QPSK	1	1	15.80	15.99	15.80	17.5	0.0
100	QPSK	1	137	15.78	15.93	15.82		
100	QPSK	1	271	15.79	15.93	15.81		
100	QPSK	135	0	15.85	15.90	15.81	17.5	0.0
100	QPSK	135	69	15.89	15.98	15.76		
100	QPSK	135	138	15.89	15.89	15.76		
100	QPSK	270	0	15.84	15.92	15.86	17.5	0.0
100	16QAM	1	1	15.88	15.91	15.83	17.5	0.0
100	64QAM	1	1	15.90	15.98	15.80	17.5	0.0
100	256QAM	1	1	15.82	15.96	15.81	17.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.69	15.85	15.76	17.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.73	15.84	15.77	17.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.73	15.81	15.74	17.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.70	15.82	15.66	17.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.75	15.80	15.69	17.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.76	15.80	15.76	17.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	15.73	15.77	15.76	17.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	15.75	15.88	15.70	17.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.70	15.86	15.75	17.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.76	15.79	15.69	17.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.70	15.82	15.74	17.5	0.0

PC2 FR1 n77 PartO Ant8 ECI4

BW [MHz]	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	18.85	18.89	18.82	20.5	0.0
100	PI/2 BPSK	1	137	18.84	18.98	18.74		
100	PI/2 BPSK	1	271	18.84	18.97	18.87		
100	PI/2 BPSK	135	0	18.76	18.85	18.76	20.5	0.0
100	PI/2 BPSK	135	69	18.82	18.99	18.86	20.5	0.0
100	PI/2 BPSK	135	138	18.85	18.90	18.76	20.5	0.0
100	PI/2 BPSK	270	0	18.92	18.95	18.82		
100	QPSK	1	1	18.84	19.05	18.75	20.5	0.0
100	QPSK	1	137	18.78	18.88	18.78		
100	QPSK	1	271	18.73	18.98	18.84		
100	QPSK	135	0	18.81	18.93	18.85	20.5	0.0
100	QPSK	135	69	18.88	18.96	18.72		
100	QPSK	135	138	18.88	18.85	18.76		
100	QPSK	270	0	18.81	18.96	18.84	20.5	0.0
100	16QAM	1	1	18.92	18.95	18.84	20.5	0.0
100	64QAM	1	1	18.89	19.02	18.75	20.5	0.0
100	256QAM	1	1	18.77	18.92	18.80	20.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.74	18.92	18.70	20.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.77	18.85	18.59	20.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.71	18.88	18.68	20.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.72	18.93	18.69	20.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.74	18.95	18.64	20.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.79	18.92	18.68	20.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	18.76	18.91	18.69	20.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	18.72	18.86	18.61	20.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.73	18.85	18.65	20.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.76	18.94	18.64	20.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.72	18.94	18.69	20.5	0.0

PC3 FR1 n77 PartQ Ant8 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		16.11			
100	PI/2 BPSK	1	137		16.17		17.5	0.0
100	PI/2 BPSK	1	271		16.09			
100	PI/2 BPSK	135	0		16.07		17.5	0.0
100	PI/2 BPSK	135	69		16.12		17.5	0.0
100	PI/2 BPSK	135	138		16.14		17.5	0.0
100	PI/2 BPSK	270	0		16.14			
100	QPSK	1	1		16.21			
100	QPSK	1	137		16.15		17.5	0.0
100	QPSK	1	271		16.11			
100	QPSK	135	0		16.16			
100	QPSK	135	69		16.18		17.5	0.0
100	QPSK	135	138		16.17			
100	QPSK	270	0		16.17		17.5	0.0
100	16QAM	1	1		16.09		17.5	0.0
100	64QAM	1	1		16.09		17.5	0.0
100	256QAM	1	1		16.10		17.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	16.07	15.99	16.06	17.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	16.01	16.08	16.02	17.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	16.04	16.02	16.00	17.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	15.97	16.05	16.05	17.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	15.96	16.03	15.99	17.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	16.08	15.97	16.06	17.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	15.98	16.05	16.02	17.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	15.98	15.96	16.03	17.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	16.03	16.06	16.05	17.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	16.02	16.07	16.00	17.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	16.06	15.98	15.98	17.5	0.0

PC2 FR1 n77 PartQ Ant8 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		19.14			
100	PI/2 BPSK	1	137		19.13		20.5	0.0
100	PI/2 BPSK	1	271		19.10			
100	PI/2 BPSK	135	0		19.07		20.5	0.0
100	PI/2 BPSK	135	69		19.07		20.5	0.0
100	PI/2 BPSK	135	138		19.08		20.5	0.0
100	PI/2 BPSK	270	0		19.14			
100	QPSK	1	1		19.19			
100	QPSK	1	137		19.10		20.5	0.0
100	QPSK	1	271		19.07			
100	QPSK	135	0		19.11			
100	QPSK	135	69		19.17		20.5	0.0
100	QPSK	135	138		19.16			
100	QPSK	270	0		19.15		20.5	0.0
100	16QAM	1	1		19.05		20.5	0.0
100	64QAM	1	1		19.07		20.5	0.0
100	256QAM	1	1		19.09		20.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	19.10	19.03	19.09	20.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	19.11	19.10	19.02	20.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	19.07	19.03	19.06	20.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	19.05	19.03	19.07	20.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	19.03	19.05	19.06	20.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	19.09	19.07	19.05	20.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	19.03	19.06	19.04	20.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	19.01	19.06	19.12	20.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	19.06	19.10	19.07	20.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	19.02	19.12	19.09	20.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	19.11	19.08	19.01	20.5	0.0

PC3 FR1 n78 PartO Ant8 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		16.78			
100	PI/2 BPSK	1	137		17.04		18.0	0.0
100	PI/2 BPSK	1	271		16.84			
100	PI/2 BPSK	135	0		16.69		18.0	0.0
100	PI/2 BPSK	135	69		16.84		18.0	0.0
100	PI/2 BPSK	135	138		16.80		18.0	0.0
100	PI/2 BPSK	270	0		16.77			
100	QPSK	1	1		17.13			
100	QPSK	1	137		16.95		18.0	0.0
100	QPSK	1	271		16.65			
100	QPSK	135	0		16.77			
100	QPSK	135	69		16.96		18.0	0.0
100	QPSK	135	138		16.77			
100	QPSK	270	0		16.83		18.0	0.0
100	16QAM	1	1		16.95		18.0	0.0
100	64QAM	1	1		17.05		18.0	0.0
100	256QAM	1	1		17.11		18.0	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	16.99	17.07	17.04	18.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	17.03	17.07	17.00	18.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	17.09	17.02	16.99	18.0	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	17.01	16.98	17.04	18.0	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	16.99	17.05	17.07	18.0	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	17.02	17.04	17.06	18.0	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	17.08	17.06	17.03	18.0	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	17.02	16.98	16.99	18.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	16.98	17.06	17.01	18.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	17.09	17.08	17.03	18.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	17.01	16.99	17.09	18.0	0.0

PC2 FR1 n78 PartO Ant8 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.83			
100	PI/2 BPSK	1	137		20.09		21.0	0.0
100	PI/2 BPSK	1	271		19.87			
100	PI/2 BPSK	135	0		19.68		21.0	0.0
100	PI/2 BPSK	135	69		19.82		21.0	0.0
100	PI/2 BPSK	135	138		19.84		21.0	0.0
100	PI/2 BPSK	270	0		19.81			
100	QPSK	1	1		20.15			
100	QPSK	1	137		19.99		21.0	0.0
100	QPSK	1	271		19.68			
100	QPSK	135	0		19.80			
100	QPSK	135	69		19.96		21.0	0.0
100	QPSK	135	138		19.80			
100	QPSK	270	0		19.84		21.0	0.0
100	16QAM	1	1		19.97		21.0	0.0
100	64QAM	1	1		20.01		21.0	0.0
100	256QAM	1	1		20.11		21.0	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.95	20.03	20.02	21.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	20.03	19.95	20.03	21.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.02	19.99	20.00	21.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.94	19.94	20.03	21.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	20.01	20.04	19.98	21.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.01	19.98	19.96	21.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	20.01	19.97	20.01	21.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	19.98	19.98	20.02	21.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	20.02	19.94	20.04	21.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	19.96	20.03	20.04	21.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.00	19.96	19.94	21.0	0.0

PC3 FR1 n78 PartQ Ant8 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.90			
100	PI/2 BPSK	1	137		17.05		18.0	0.0
100	PI/2 BPSK	1	271		16.74			
100	PI/2 BPSK	135	0		16.89		18.0	0.0
100	PI/2 BPSK	135	69		16.99		18.0	0.0
100	PI/2 BPSK	135	138		16.81		18.0	0.0
100	PI/2 BPSK	270	0		16.98			
100	QPSK	1	1		17.09			
100	QPSK	1	137		17.02		18.0	0.0
100	QPSK	1	271		16.67			
100	QPSK	135	0		17.01			
100	QPSK	135	69		17.05		18.0	0.0
100	QPSK	135	138		16.91			
100	QPSK	270	0		16.96		18.0	0.0
100	16QAM	1	1		16.60		18.0	0.0
100	64QAM	1	1		16.66		18.0	0.0
100	256QAM	1	1		16.99		18.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.00	16.93	17.04	18.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.00	16.95	17.04	18.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.01	17.04	17.00	18.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.00	17.02	17.00	18.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.04	17.01	17.01	18.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.04	16.96	16.94	18.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.95	16.94	16.95	18.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.02	16.94	16.99	18.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.01	16.98	17.03	18.0	0.0
Channel				630500	633332	636165	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	16.98	16.93	16.99	18.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.04	16.96	16.94	18.0	0.0

PC2 FR1 n78 PartQ Ant8 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.79			
100	PI/2 BPSK	1	137		19.86		21.0	0.0
100	PI/2 BPSK	1	271		19.55			
100	PI/2 BPSK	135	0		19.40		21.0	0.0
100	PI/2 BPSK	135	69		19.88		21.0	0.0
100	PI/2 BPSK	135	138		19.34		21.0	0.0
100	PI/2 BPSK	270	0		19.32			
100	QPSK	1	1		19.96			
100	QPSK	1	137		19.77		21.0	0.0
100	QPSK	1	271		19.45			
100	QPSK	135	0		18.90			
100	QPSK	135	69		19.90		21.0	0.0
100	QPSK	135	138		18.87			
100	QPSK	270	0		18.94		21.0	0.0
100	16QAM	1	1		19.81		21.0	0.0
100	64QAM	1	1		19.81		21.0	0.0
100	256QAM	1	1		19.80		21.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.83	19.82	19.89	21.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.85	19.88	19.92	21.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.81	19.86	19.88	21.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.87	19.81	19.85	21.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.91	19.89	19.83	21.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.89	19.90	19.87	21.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.91	19.83	19.85	21.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	19.83	19.83	19.81	21.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.91	19.83	19.87	21.0	0.0
Channel				630500	633332	636165	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	19.88	19.85	19.85	21.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.87	19.81	19.80	21.0	0.0

FR1 n48 Ant9 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.20	17.24	17.22		
40	PI/2 BPSK	1	53	17.25	17.23	17.16	18.0	0.0
40	PI/2 BPSK	1	104	17.21	17.29	17.12		
40	PI/2 BPSK	50	0	17.23	17.19	17.21	18.0	0.0
40	PI/2 BPSK	50	28	17.24	17.24	17.21	18.0	0.0
40	PI/2 BPSK	50	56	17.23	17.24	17.22	18.0	0.0
40	PI/2 BPSK	100	0	17.21	17.19	17.23		
40	QPSK	1	1	17.27	17.31	17.14		
40	QPSK	1	53	17.15	17.25	17.15	18.0	0.0
40	QPSK	1	104	17.17	17.27	17.22		
40	QPSK	50	0	17.17	17.25	17.19		
40	QPSK	50	28	17.18	17.29	17.21	18.0	0.0
40	QPSK	50	56	17.17	17.19	17.16		
40	QPSK	100	0	17.19	17.26	17.13	18.0	0.0
40	16QAM	1	1	17.24	17.24	17.22	18.0	0.0
40	64QAM	1	1	17.23	17.23	17.12	18.0	0.0
40	256QAM	1	1	17.19	17.25	17.13	18.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.07	17.17	17.04	18.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.05	17.13	17.01	18.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.06	17.14	17.04	18.0	0.0

PC3 FR1 n77 PartO Ant9 ECI4

BW [MHz]	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	14.68	14.81	14.79		
100	PI/2 BPSK	1	137	14.75	14.84	14.74	16.0	0.0
100	PI/2 BPSK	1	271	14.69	14.79	14.79		
100	PI/2 BPSK	135	0	14.70	14.79	14.75	16.0	0.0
100	PI/2 BPSK	135	69	14.73	14.82	14.82	16.0	0.0
100	PI/2 BPSK	135	138	14.70	14.74	14.81	16.0	0.0
100	PI/2 BPSK	270	0	14.69	14.75	14.83		
100	QPSK	1	1	14.69	14.88	14.79		
100	QPSK	1	137	14.69	14.76	14.76	16.0	0.0
100	QPSK	1	271	14.68	14.75	14.76		
100	QPSK	135	0	14.67	14.75	14.77		
100	QPSK	135	69	14.76	14.85	14.71	16.0	0.0
100	QPSK	135	138	14.70	14.84	14.72		
100	QPSK	270	0	14.69	14.81	14.79	16.0	0.0
100	16QAM	1	1	14.68	14.86	14.76	16.0	0.0
100	64QAM	1	1	14.75	14.83	14.72	16.0	0.0
100	256QAM	1	1	14.76	14.79	14.78	16.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	14.64	14.65	14.68	16.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.56	14.71	14.70	16.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.64	14.67	14.69	16.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.57	14.65	14.64	16.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	14.57	14.73	14.70	16.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.59	14.76	14.66	16.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	14.65	14.72	14.68	16.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	14.59	14.74	14.67	16.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.60	14.74	14.70	16.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	14.66	14.65	14.72	16.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.57	14.67	14.62	16.0	0.0

PC2 FR1 n77 PartO Ant9 ECI4

BW [MHz]	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	17.68	17.78	17.83		
100	PI/2 BPSK	1	137	17.72	17.78	17.69	19.0	0.0
100	PI/2 BPSK	1	271	17.65	17.78	17.81		
100	PI/2 BPSK	135	0	17.72	17.77	17.70	19.0	0.0
100	PI/2 BPSK	135	69	17.72	17.78	17.79	19.0	0.0
100	PI/2 BPSK	135	138	17.74	17.75	17.82	19.0	0.0
100	PI/2 BPSK	270	0	17.64	17.73	17.81		
100	QPSK	1	1	17.69	17.91	17.74		
100	QPSK	1	137	17.65	17.76	17.71	19.0	0.0
100	QPSK	1	271	17.69	17.75	17.79		
100	QPSK	135	0	17.68	17.81	17.78		
100	QPSK	135	69	17.75	17.85	17.68	19.0	0.0
100	QPSK	135	138	17.75	17.80	17.71		
100	QPSK	270	0	17.69	17.85	17.74	19.0	0.0
100	16QAM	1	1	17.63	17.85	17.77	19.0	0.0
100	64QAM	1	1	17.76	17.77	17.66	19.0	0.0
100	256QAM	1	1	17.81	17.78	17.80	19.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.59	17.86	17.66	19.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.56	17.76	17.63	19.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.64	17.78	17.63	19.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.59	17.85	17.65	19.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.54	17.84	17.70	19.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.81	17.78	17.86	19.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	17.63	17.85	17.65	19.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	17.56	17.78	17.80	19.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.62	17.84	17.66	19.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.60	17.79	17.63	19.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.58	17.80	17.59	19.0	0.0

PC3 FR1 n77 PartQ Ant9 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		14.63			
100	PI/2 BPSK	1	137		14.58		16.0	0.0
100	PI/2 BPSK	1	271		14.67			
100	PI/2 BPSK	135	0		14.60		16.0	0.0
100	PI/2 BPSK	135	69		14.60		16.0	0.0
100	PI/2 BPSK	135	138		14.67			
100	PI/2 BPSK	270	0		14.63		16.0	0.0
100	QPSK	1	1		14.71			
100	QPSK	1	137		14.65		16.0	0.0
100	QPSK	1	271		14.57			
100	QPSK	135	0		14.67			
100	QPSK	135	69		14.69		16.0	0.0
100	QPSK	135	138		14.63			
100	QPSK	270	0		14.65		16.0	0.0
100	16QAM	1	1		14.61		16.0	0.0
100	64QAM	1	1		14.58		16.0	0.0
100	256QAM	1	1		14.57		16.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	14.46	14.52	14.56	16.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	14.52	14.47	14.46	16.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	14.46	14.48	14.55	16.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	14.50	14.50	14.48	16.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	14.49	14.52	14.49	16.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	14.56	14.55	14.49	16.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	14.52	14.56	14.52	16.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	14.48	14.48	14.51	16.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	14.56	14.54	14.55	16.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	14.55	14.51	14.51	16.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	14.55	14.57	14.48	16.0	0.0

PC2 FR1 n77 PartQ Ant9 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		17.64			
100	PI/2 BPSK	1	137		17.60		19.0	0.0
100	PI/2 BPSK	1	271		17.68			
100	PI/2 BPSK	135	0		17.56		19.0	0.0
100	PI/2 BPSK	135	69		17.57		19.0	0.0
100	PI/2 BPSK	135	138		17.65		19.0	0.0
100	PI/2 BPSK	270	0		17.68			
100	QPSK	1	1		17.71			
100	QPSK	1	137		17.62		19.0	0.0
100	QPSK	1	271		17.62			
100	QPSK	135	0		17.62			
100	QPSK	135	69		17.66		19.0	0.0
100	QPSK	135	138		17.61			
100	QPSK	270	0		17.60		19.0	0.0
100	16QAM	1	1		17.66		19.0	0.0
100	64QAM	1	1		17.55		19.0	0.0
100	256QAM	1	1		17.60		19.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	17.60	17.62	17.56	19.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	17.65	17.67	17.64	19.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	17.59	17.60	17.59	19.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	17.65	17.65	17.63	19.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	17.66	17.66	17.59	19.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	17.56	17.56	17.65	19.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	17.57	17.60	17.59	19.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	17.56	17.66	17.60	19.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	17.65	17.62	17.66	19.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	17.59	17.59	17.59	19.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	17.67	17.64	17.61	19.0	0.0

PC3 FR1 n78 PartO Ant9 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		15.27			
100	PI/2 BPSK	1	137		15.28		16.5	0.0
100	PI/2 BPSK	1	271		15.27			
100	PI/2 BPSK	135	0		15.27		16.5	0.0
100	PI/2 BPSK	135	69		15.23		16.5	0.0
100	PI/2 BPSK	135	138		15.21		16.5	0.0
100	PI/2 BPSK	270	0		15.27			
100	QPSK	1	1		15.35			
100	QPSK	1	137		15.28		16.5	0.0
100	QPSK	1	271		15.26			
100	QPSK	135	0		15.29			
100	QPSK	135	69		15.31		16.5	0.0
100	QPSK	135	138		15.23			
100	QPSK	270	0		15.25		16.5	0.0
100	16QAM	1	1		15.29		16.5	0.0
100	64QAM	1	1		15.28		16.5	0.0
100	256QAM	1	1		15.22		16.5	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	15.17	15.17	15.13	16.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	15.19	15.16	15.24	16.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	15.19	15.13	15.20	16.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	15.12	15.19	15.22	16.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	15.13	15.21	15.23	16.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	15.23	15.15	15.16	16.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	15.15	15.13	15.20	16.5	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	15.19	15.16	15.17	16.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	15.12	15.18	15.16	16.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	15.22	15.21	15.13	16.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	15.21	15.23	15.19	16.5	0.0

PC2 FR1 n78 PartO Ant9 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.22			
100	PI/2 BPSK	1	137		18.33		19.5	0.0
100	PI/2 BPSK	1	271		18.22			
100	PI/2 BPSK	135	0		18.30		19.5	0.0
100	PI/2 BPSK	135	69		18.29		19.5	0.0
100	PI/2 BPSK	135	138		18.26		19.5	0.0
100	PI/2 BPSK	270	0		18.31			
100	QPSK	1	1		18.39			
100	QPSK	1	137		18.30		19.5	0.0
100	QPSK	1	271		18.21			
100	QPSK	135	0		18.31			
100	QPSK	135	69		18.35		19.5	0.0
100	QPSK	135	138		18.20			
100	QPSK	270	0		18.21		19.5	0.0
100	16QAM	1	1		18.24		19.5	0.0
100	64QAM	1	1		18.28		19.5	0.0
100	256QAM	1	1		18.18		19.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.33	18.28	18.31	19.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.32	18.31	18.29	19.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.32	18.24	18.31	19.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.29	18.24	18.29	19.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.29	18.24	18.28	19.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.24	18.26	18.33	19.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	18.29	18.29	18.25	19.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	18.30	18.29	18.24	19.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.28	18.27	18.28	19.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	18.27	18.24	18.24	19.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.27	18.29	18.24	19.5	0.0

PC3 FR1 n78 PartQ Ant9 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.08			
100	PI/2 BPSK	1	137		15.05		16.5	0.0
100	PI/2 BPSK	1	271		15.03			
100	PI/2 BPSK	135	0		15.05		16.5	0.0
100	PI/2 BPSK	135	69		15.10		16.5	0.0
100	PI/2 BPSK	135	138		15.04		16.5	0.0
100	PI/2 BPSK	270	0		15.08			
100	QPSK	1	1		15.18			
100	QPSK	1	137		15.06		16.5	0.0
100	QPSK	1	271		15.14			
100	QPSK	135	0		15.10			
100	QPSK	135	69		15.13		16.5	0.0
100	QPSK	135	138		15.04			
100	QPSK	270	0		15.10		16.5	0.0
100	16QAM	1	1		15.05		16.5	0.0
100	64QAM	1	1		15.07		16.5	0.0
100	256QAM	1	1		15.04		16.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.87	14.94	14.94	16.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.97	14.98	14.88	16.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.87	14.91	14.97	16.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.92	14.90	14.89	16.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.97	14.98	14.91	16.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.87	14.98	14.87	16.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.93	14.94	14.89	16.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	14.87	14.93	14.96	16.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.97	14.95	14.95	16.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.94	14.96	14.98	16.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.93	14.95	14.99	16.5	0.0

PC2 FR1 n78 PartQ Ant9 ECI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.13			
100	PI/2 BPSK	1	137		18.07		19.5	0.0
100	PI/2 BPSK	1	271		17.99			
100	PI/2 BPSK	135	0		18.10		19.5	0.0
100	PI/2 BPSK	135	69		18.05		19.5	0.0
100	PI/2 BPSK	135	138		17.99		19.5	0.0
100	PI/2 BPSK	270	0		18.09			
100	QPSK	1	1		18.18			
100	QPSK	1	137		18.04		19.5	0.0
100	QPSK	1	271		18.15			
100	QPSK	135	0		18.09			
100	QPSK	135	69		18.12		19.5	0.0
100	QPSK	135	138		17.98			
100	QPSK	270	0		18.13		19.5	0.0
100	16QAM	1	1		18.00		19.5	0.0
100	64QAM	1	1		18.13		19.5	0.0
100	256QAM	1	1		18.01		19.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.99	18.07	18.03	19.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.00	17.98	18.00	19.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.06	18.02	18.06	19.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.07	18.07	17.99	19.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.00	17.98	18.02	19.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.00	18.03	18.06	19.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.99	18.06	18.04	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	18.00	18.06	18.04	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.04	18.05	18.03	19.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.07	18.07	18.06	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.99	18.08	18.03	19.5	0.0

Reduced Power Mode for ECI5

FR1 n5 Ant0 ECI5

BW [MHz]	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	25.26	25.29	25.18	25.7	0.0
20	PI/2 BPSK	1	53	25.35	25.41	25.38		
20	PI/2 BPSK	1	104	25.32	25.36	25.32		
20	PI/2 BPSK	50	0	24.72	24.85	24.78	25.2	0.5
20	PI/2 BPSK	50	28	25.39	25.42	25.34	25.7	0.0
20	PI/2 BPSK	50	56	24.72	24.81	24.70	25.2	0.5
20	PI/2 BPSK	100	0	24.73	24.85	24.81		
20	QPSK	1	1	25.41	25.46	25.40	25.7	0.0
20	QPSK	1	53	25.37	25.41	25.32		
20	QPSK	1	104	25.34	25.38	25.28		
20	QPSK	50	0	24.30	24.33	24.28	24.7	1.0
20	QPSK	50	28	25.28	25.35	25.32	25.7	0.0
20	QPSK	50	56	24.15	24.28	24.16	24.7	1.0
20	QPSK	100	0	24.17	24.31	24.19		
20	16QAM	1	1	23.98	24.07	23.99	24.7	1.0
20	64QAM	1	1	22.66	22.71	22.65	23.2	2.5
20	256QAM	1	1	20.99	21.02	20.89	21.2	4.5
Channel				166300	167300	166300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.35	25.34	25.36	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.29	25.42	25.31	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.28	25.43	25.34	25.7	0.0

FR1 n26 Ant0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.31	25.35	25.23	25.7	0.0
20	PI/2 BPSK	1	53	25.38	25.47	25.40		
20	PI/2 BPSK	1	104	25.40	25.42	25.34		
20	PI/2 BPSK	50	0	24.77	24.91	24.84	25.2	0.5
20	PI/2 BPSK	50	28	25.45	25.46	25.39	25.7	0.0
20	PI/2 BPSK	50	56	24.80	24.88	24.76	25.2	0.5
20	PI/2 BPSK	100	0	24.78	24.90	24.84		
20	QPSK	1	1	25.49	25.50	25.45	25.7	0.0
20	QPSK	1	53	25.42	25.45	25.40		
20	QPSK	1	104	25.37	25.42	25.32		
20	QPSK	50	0	24.38	24.37	24.32	24.7	1.0
20	QPSK	50	28	25.35	25.41	25.39	25.7	0.0
20	QPSK	50	56	24.23	24.33	24.22	24.7	1.0
20	QPSK	100	0	24.23	24.37	24.22		
20	16QAM	1	1	24.01	24.12	24.05	24.7	1.0
20	64QAM	1	1	22.73	22.74	22.67	23.2	2.5
20	256QAM	1	1	21.06	21.05	20.92	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.38	25.38	25.41	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.36	25.45	25.35	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.33	25.46	25.40	25.7	0.0

FR1 n5 Ant1 ECI5

BW [MHz]	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	21.78	21.97	21.85	22.2	0.0
20	PI/2 BPSK	1	53	21.86	22.05	21.87		
20	PI/2 BPSK	1	104	21.81	21.98	21.86		
20	PI/2 BPSK	50	0	21.83	21.97	21.91	22.2	0.0
20	PI/2 BPSK	50	28	21.83	21.93	21.86	22.2	0.0
20	PI/2 BPSK	50	56	21.87	22.01	21.90	22.2	0.0
20	PI/2 BPSK	100	0	21.89	22.02	21.88		
20	QPSK	1	1	21.92	22.07	21.98	22.2	0.0
20	QPSK	1	53	21.80	22.01	21.95		
20	QPSK	1	104	21.82	21.95	21.92		
20	QPSK	50	0	21.89	21.96	21.90	22.2	0.0
20	QPSK	50	28	21.82	21.97	21.88	22.2	0.0
20	QPSK	50	56	21.88	21.95	21.94	22.2	0.0
20	QPSK	100	0	21.82	21.94	21.90		
20	16QAM	1	1	21.88	22.02	21.93	22.2	0.0
20	64QAM	1	1	21.79	22.03	21.93	22.2	0.0
20	256QAM	1	1	20.92	21.07	21.00	21.2	1.0
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.84	22.02	21.87	22.2	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.90	22.02	21.90	22.2	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.87	22.03	21.91	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.46	22.49	22.39	22.7	0.0
20	PI/2 BPSK	1	53	22.47	22.44	22.47		
20	PI/2 BPSK	1	104	22.41	22.48	22.47		
20	PI/2 BPSK	50	0	22.48	22.43	22.38	22.7	0.0
20	PI/2 BPSK	50	28	22.49	22.46	22.40	22.7	0.0
20	PI/2 BPSK	50	56	22.44	22.53	22.41	22.7	0.0
20	PI/2 BPSK	100	0	22.41	22.53	22.48		
20	QPSK	1	1	22.44	22.55	22.43	22.7	0.0
20	QPSK	1	53	22.42	22.47	22.38		
20	QPSK	1	104	22.40	22.48	22.47		
20	QPSK	50	0	22.41	22.45	22.41	22.7	0.0
20	QPSK	50	28	22.43	22.51	22.49	22.7	0.0
20	QPSK	50	56	22.44	22.46	22.42	22.7	0.0
20	QPSK	100	0	22.46	22.47	22.43		
20	16QAM	1	1	22.41	22.51	22.46	22.7	0.0
20	64QAM	1	1	22.43	22.53	22.46	22.7	0.0
20	256QAM	1	1	20.96	21.00	20.90	21.2	1.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.35	22.44	22.29	22.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.32	22.37	22.32	22.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.30	22.42	22.35	22.7	0.0

FR1 n2 Ant2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1880	1880	1900		
20	PI/2 BPSK	1	1	20.82	20.89	20.75	21.7	0.0
20	PI/2 BPSK	1	53	20.78	20.81	20.75		
20	PI/2 BPSK	1	104	20.74	20.84	20.79		
20	PI/2 BPSK	50	0	20.79	20.81	20.71	21.7	0.0
20	PI/2 BPSK	50	28	20.76	20.85	20.72	21.7	0.0
20	PI/2 BPSK	50	56	20.76	20.87	20.70	21.7	0.0
20	PI/2 BPSK	100	0	20.82	20.80	20.77		
20	QPSK	1	1	20.74	20.95	20.70	21.7	0.0
20	QPSK	1	53	20.82	20.89	20.78		
20	QPSK	1	104	20.74	20.81	20.80		
20	QPSK	50	0	20.78	20.87	20.72	21.7	0.0
20	QPSK	50	28	20.73	20.93	20.78	21.7	0.0
20	QPSK	50	56	20.81	20.91	20.73	21.7	0.0
20	QPSK	100	0	20.76	20.87	20.69		
20	16QAM	1	1	20.71	20.86	20.77	21.7	0.0
20	64QAM	1	1	20.71	20.85	20.74	21.7	0.0
20	256QAM	1	1	20.76	20.79	20.77	21.2	0.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.70	20.72	20.66	21.7	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.62	20.64	20.55	21.7	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.59	20.73	20.66	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				505000	507000	509000		
Frequency (MHz)				2505	2535	2545		
50	PI/2 BPSK	1	1	20.26	20.39	20.28	21.2	0.0
50	PI/2 BPSK	1	135	20.24	20.38	20.27		
50	PI/2 BPSK	1	268	20.30	20.39	20.25		
50	PI/2 BPSK	135	0	20.26	20.40	20.33	21.2	0.0
50	PI/2 BPSK	135	68	20.25	20.36	20.31	21.2	0.0
50	PI/2 BPSK	135	135	20.34	20.29	20.27	21.2	0.0
50	PI/2 BPSK	270	0	20.29	20.30	20.31		
50	QPSK	1	1	20.35	20.45	20.30	21.2	0.0
50	QPSK	1	135	20.31	20.39	20.34		
50	QPSK	1	268	20.34	20.29	20.35		
50	QPSK	135	0	20.33	20.39	20.26	21.2	0.0
50	QPSK	135	68	20.35	20.41	20.36	21.2	0.0
50	QPSK	135	135	20.33	20.38	20.25	21.2	0.0
50	QPSK	270	0	20.33	20.38	20.29		
50	16QAM	1	1	20.34	20.39	20.34	21.2	0.0
50	64QAM	1	1	20.25	20.31	20.28	21.2	0.0
50	256QAM	1	1	20.34	20.32	20.35	21.2	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.20	20.28	20.18	21.2	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.23	20.19	20.27	21.2	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.26	20.20	20.20	21.2	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.15	20.19	20.17	21.2	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.25	20.19	20.19	21.2	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.14	20.20	20.15	21.2	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.25	20.20	20.25	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.62	20.71	20.64	21.2	0.0
40	PI/2 BPSK	1	108	20.66	20.68	20.56		
40	PI/2 BPSK	1	214	20.57	20.66	20.54		
40	PI/2 BPSK	108	0	20.66	20.62	20.63	21.2	0.0
40	PI/2 BPSK	108	54	20.62	20.70	20.59	21.2	0.0
40	PI/2 BPSK	108	108	20.66	20.66	20.57	21.2	0.0
40	PI/2 BPSK	216	0	20.66	20.67	20.57		
40	QPSK	1	1	20.66	20.75	20.56	21.2	0.0
40	QPSK	1	108	20.62	20.66	20.60		
40	QPSK	1	214	20.57	20.70	20.58		
40	QPSK	108	0	20.61	20.63	20.60	21.2	0.0
40	QPSK	108	54	20.60	20.66	20.54	21.2	0.0
40	QPSK	108	108	20.65	20.59	20.55	21.2	0.0
40	QPSK	216	0	20.60	20.66	20.58		
40	16QAM	1	1	20.61	20.64	20.55	21.2	0.0
40	64QAM	1	1	20.60	20.70	20.53	21.2	0.0
40	256QAM	1	1	20.61	20.60	20.56	21.2	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.47	20.56	20.51	21.2	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.57	20.54	20.44	21.2	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.50	20.50	20.49	21.2	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.52	20.54	20.53	21.2	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.58	20.58	20.45	21.2	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.50	20.53	20.53	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	21.52	21.68	21.52	22.2	0.0
40	PI/2 BPSK	1	53	21.42	21.58	21.50		
40	PI/2 BPSK	1	104	21.53	21.68	21.50		
40	PI/2 BPSK	50	0	21.45	21.69	21.51	22.2	0.0
40	PI/2 BPSK	50	28	21.43	21.58	21.49	22.2	0.0
40	PI/2 BPSK	50	56	21.46	21.64	21.48	22.2	0.0
40	PI/2 BPSK	100	0	21.43	21.63	21.54		
40	QPSK	1	1	21.57	21.73	21.62	22.2	0.0
40	QPSK	1	53	21.53	21.61	21.48		
40	QPSK	1	104	21.48	21.69	21.48		
40	QPSK	50	0	21.50	21.68	21.51	22.2	0.0
40	QPSK	50	28	21.50	21.70	21.53		
40	QPSK	50	56	21.46	21.66	21.53		
40	QPSK	100	0	21.48	21.67	21.54	22.2	0.0
40	16QAM	1	1	21.45	21.63	21.46	22.2	0.0
40	64QAM	1	1	21.46	21.59	21.53	22.2	0.0
40	256QAM	1	1	20.59	20.69	20.56	21.2	1.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	21.52	21.63	21.51	22.2	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	21.48	21.62	21.54	22.2	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.52	21.63	21.56	22.2	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	21.52	21.62	21.51	22.2	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	21.46	21.67	21.50	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.73	19.81	19.72	21.5	0.0
100	PI/2 BPSK	1	137	19.81	19.89	19.76		
100	PI/2 BPSK	1	271	19.74	19.77	19.77		
100	PI/2 BPSK	135	0	19.76	19.78	19.72	21.5	0.0
100	PI/2 BPSK	135	69	19.77	19.87	19.75	21.5	0.0
100	PI/2 BPSK	135	138	19.74	19.82	19.70	21.5	0.0
100	PI/2 BPSK	270	0	19.73	19.84	19.72		
100	QPSK	1	1	19.88	19.93	19.82	21.5	0.0
100	QPSK	1	137	19.75	19.86	19.71		
100	QPSK	1	271	19.82	19.82	19.76		
100	QPSK	135	0	19.77	19.87	19.74	21.5	0.0
100	QPSK	135	69	19.74	19.91	19.77		
100	QPSK	135	138	19.73	19.88	19.71		
100	QPSK	270	0	19.85	19.89	19.70	21.5	0.0
100	16QAM	1	1	19.83	19.78	19.69	21.5	0.0
100	64QAM	1	1	19.77	19.80	19.71	21.5	0.0
100	256QAM	1	1	18.86	18.98	18.86	20.5	1.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.84	19.79	19.69	21.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.74	19.81	19.74	21.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.76	19.77	19.76	21.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.75	19.87	19.78	21.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.84	19.84	19.75	21.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.74	19.88	19.72	21.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.82	19.79	19.72	21.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.78	19.78	19.74	21.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.80	19.88	19.66	21.5	0.0

PC2 FR1 n41 Ant2 ECI5

BW [MHz]	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	22.74	22.79	22.70	24.5	0.0
100	PI/2 BPSK	1	137	22.63	22.80	22.73		
100	PI/2 BPSK	1	271	22.69	22.71	22.76		
100	PI/2 BPSK	135	0	22.72	22.79	22.69	24.5	0.0
100	PI/2 BPSK	135	69	22.71	22.79	22.74	24.5	0.0
100	PI/2 BPSK	135	138	22.72	22.76	22.77	24.5	0.0
100	PI/2 BPSK	270	0	22.69	22.80	22.66		
100	QPSK	1	1	22.78	22.84	22.82	24.5	0.0
100	QPSK	1	137	22.73	22.70	22.75		
100	QPSK	1	271	22.66	22.80	22.77		
100	QPSK	135	0	22.67	22.77	22.67	24.5	0.0
100	QPSK	135	69	22.68	22.79	22.70		
100	QPSK	135	138	22.69	22.73	22.70		
100	QPSK	270	0	22.72	22.78	22.71	24.5	0.0
100	16QAM	1	1	22.68	22.74	22.77	24.5	0.0
100	64QAM	1	1	22.71	22.70	22.75	24.5	0.0
100	256QAM	1	1	21.24	21.35	21.30	23.0	1.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.68	22.71	22.78	24.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.69	22.72	22.80	24.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.68	22.75	22.75	24.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.66	22.75	22.70	24.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.70	22.79	22.74	24.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.69	22.82	22.76	24.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.72	22.77	22.78	24.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.69	22.76	22.76	24.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.73	22.73	22.71	24.5	0.0

FR1 n2 Ant3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.41	16.39	16.31	17.5	0.0
20	PI/2 BPSK	1	53	16.41	16.42	16.29		
20	PI/2 BPSK	1	104	16.42	16.45	16.34		
20	PI/2 BPSK	50	0	16.36	16.47	16.32	17.5	0.0
20	PI/2 BPSK	50	28	16.41	16.43	16.34	17.5	0.0
20	PI/2 BPSK	50	56	16.43	16.46	16.40	17.5	0.0
20	PI/2 BPSK	100	0	16.38	16.43	16.33		
20	QPSK	1	1	16.37	16.49	16.35	17.5	0.0
20	QPSK	1	53	16.42	16.43	16.33		
20	QPSK	1	104	16.39	16.35	16.31		
20	QPSK	50	0	16.43	16.42	16.30	17.5	0.0
20	QPSK	50	28	16.37	16.47	16.36	17.5	0.0
20	QPSK	50	56	16.32	16.46	16.34	17.5	0.0
20	QPSK	100	0	16.33	16.41	16.38		
20	16QAM	1	1	16.38	16.41	16.41	17.5	0.0
20	64QAM	1	1	16.36	16.42	16.30	17.5	0.0
20	256QAM	1	1	16.35	16.41	16.38	17.5	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.29	16.32	16.23	17.5	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.23	16.36	16.20	17.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.28	16.26	16.30	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.66	18.72	18.63	19.7	0.0
50	PI/2 BPSK	1	135	18.68	18.76	18.67		
50	PI/2 BPSK	1	268	18.70	18.71	18.71		
50	PI/2 BPSK	135	0	18.64	18.80	18.74	19.7	0.0
50	PI/2 BPSK	135	68	18.70	18.74	18.71	19.7	0.0
50	PI/2 BPSK	135	135	18.74	18.73	18.65	19.7	0.0
50	PI/2 BPSK	270	0	18.75	18.68	18.65		
50	QPSK	1	1	18.74	18.81	18.68	19.7	0.0
50	QPSK	1	135	18.68	18.68	18.67		
50	QPSK	1	268	18.68	18.73	18.70		
50	QPSK	135	0	18.71	18.75	18.68	19.7	0.0
50	QPSK	135	68	18.68	18.79	18.67	19.7	0.0
50	QPSK	135	135	18.76	18.71	18.70	19.7	0.0
50	QPSK	270	0	18.71	18.74	18.63		
50	16QAM	1	1	18.75	18.75	18.70	19.7	0.0
50	64QAM	1	1	18.76	18.77	18.65	19.7	0.0
50	256QAM	1	1	18.66	18.76	18.66	19.7	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.57	18.68	18.60	19.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.64	18.61	18.60	19.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.54	18.69	18.61	19.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.62	18.61	18.59	19.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.59	18.65	18.62	19.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.59	18.60	18.59	19.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.55	18.62	18.55	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	17.45	17.48	17.41		
40	PI/2 BPSK	1	53	17.48	17.52	17.38	18.5	0.0
40	PI/2 BPSK	1	104	17.44	17.44	17.44		
40	PI/2 BPSK	50	0	17.46	17.48	17.48	18.5	0.0
40	PI/2 BPSK	50	28	17.39	17.51	17.39	18.5	0.0
40	PI/2 BPSK	50	56	17.39	17.44	17.46	18.5	0.0
40	PI/2 BPSK	100	0	17.42	17.51	17.38		
40	QPSK	1	1	17.41	17.55	17.44		
40	QPSK	1	53	17.45	17.52	17.46	18.5	0.0
40	QPSK	1	104	17.44	17.45	17.40		
40	QPSK	50	0	17.37	17.51	17.43		
40	QPSK	50	28	17.42	17.52	17.39	18.5	0.0
40	QPSK	50	56	17.48	17.50	17.43		
40	QPSK	100	0	17.41	17.50	17.41	18.5	0.0
40	16QAM	1	1	17.41	17.42	17.37	18.5	0.0
40	64QAM	1	1	17.41	17.45	17.44	18.5	0.0
40	256QAM	1	1	17.46	17.46	17.39	18.5	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	17.36	17.37	17.28	18.5	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	17.32	17.40	17.27	18.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.31	17.31	17.26	18.5	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	17.32	17.42	17.27	18.5	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	17.37	17.42	17.31	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.53	16.60	16.53		
100	PI/2 BPSK	1	137	16.63	16.58	16.54	18.0	0.0
100	PI/2 BPSK	1	271	16.57	16.61	16.57		
100	PI/2 BPSK	135	0	16.58	16.66	16.59	18.0	0.0
100	PI/2 BPSK	135	69	16.58	16.67	16.60	18.0	0.0
100	PI/2 BPSK	135	138	16.53	16.63	16.52	18.0	0.0
100	PI/2 BPSK	270	0	16.61	16.60	16.52		
100	QPSK	1	1	16.57	16.71	16.51		
100	QPSK	1	137	16.57	16.69	16.53	18.0	0.0
100	QPSK	1	271	16.61	16.62	16.59		
100	QPSK	135	0	16.53	16.59	16.59		
100	QPSK	135	69	16.57	16.68	16.50	18.0	0.0
100	QPSK	135	138	16.59	16.60	16.55		
100	QPSK	270	0	16.61	16.64	16.56	18.0	0.0
100	16QAM	1	1	16.57	16.64	16.56	18.0	0.0
100	64QAM	1	1	16.52	16.66	16.53	18.0	0.0
100	256QAM	1	1	16.61	16.67	16.51	18.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.53	16.57	16.48	18.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	16.48	16.54	16.49	18.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.43	16.49	16.42	18.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.43	16.59	16.49	18.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.43	16.52	16.50	18.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.46	16.56	16.41	18.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.44	16.56	16.49	18.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.49	16.54	16.45	18.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.50	16.60	16.48	18.0	0.0

PC2 FR1 n41 Ant3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.56	19.56	19.49		
100	PI/2 BPSK	1	137	19.63	19.54	19.58	21.0	0.0
100	PI/2 BPSK	1	271	19.52	19.61	19.58		
100	PI/2 BPSK	135	0	19.59	19.70	19.62	21.0	0.0
100	PI/2 BPSK	135	69	19.61	19.71	19.63	21.0	0.0
100	PI/2 BPSK	135	138	19.47	19.60	19.58	21.0	0.0
100	PI/2 BPSK	270	0	19.63	19.60	19.48		
100	QPSK	1	1	19.56	19.75	19.51		
100	QPSK	1	137	19.55	19.68	19.50	21.0	0.0
100	QPSK	1	271	19.61	19.62	19.55		
100	QPSK	135	0	19.48	19.58	19.56		
100	QPSK	135	69	19.56	19.72	19.49	21.0	0.0
100	QPSK	135	138	19.57	19.58	19.60		
100	QPSK	270	0	19.55	19.69	19.52	21.0	0.0
100	16QAM	1	1	19.58	19.58	19.55	21.0	0.0
100	64QAM	1	1	19.51	19.70	19.57	21.0	0.0
100	256QAM	1	1	19.67	19.62	19.48	21.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.39	19.54	19.44	21.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.39	19.51	19.47	21.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.39	19.55	19.41	21.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.48	19.49	19.37	21.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.44	19.53	19.49	21.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.43	19.56	19.42	21.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.48	19.56	19.40	21.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.49	19.47	19.39	21.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.54	19.53	19.39	21.0	0.0

FR1 n2 Ant4 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.40	18.44	18.41	19.0	0.0
20	PI/2 BPSK	1	53	18.41	18.51	18.39		
20	PI/2 BPSK	1	104	18.44	18.49	18.31		
20	PI/2 BPSK	50	0	18.45	18.41	18.33	19.0	0.0
20	PI/2 BPSK	50	28	18.40	18.42	18.40	19.0	0.0
20	PI/2 BPSK	50	56	18.35	18.46	18.34	19.0	0.0
20	PI/2 BPSK	100	0	18.41	18.43	18.41		
20	QPSK	1	1	18.37	18.58	18.34	19.0	0.0
20	QPSK	1	53	18.37	18.46	18.41		
20	QPSK	1	104	18.44	18.51	18.39		
20	QPSK	50	0	18.40	18.51	18.36	19.0	0.0
20	QPSK	50	28	18.36	18.52	18.32	19.0	0.0
20	QPSK	50	56	18.43	18.39	18.38	19.0	0.0
20	QPSK	100	0	18.42	18.43	18.39		
20	16QAM	1	1	18.47	18.46	18.34	19.0	0.0
20	64QAM	1	1	18.35	18.41	18.36	19.0	0.0
20	256QAM	1	1	18.45	18.47	18.38	19.0	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.26	18.40	18.28	19.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.31	18.34	18.26	19.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.33	18.33	18.28	19.0	0.0

FR1 n7 Ant4 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.87	16.94	16.85	17.2	0.0
50	PI/2 BPSK	1	135	16.82	16.94	16.96		
50	PI/2 BPSK	1	268	16.83	16.98	16.92		
50	PI/2 BPSK	135	0	16.91	17.00	16.95	17.2	0.0
50	PI/2 BPSK	135	68	16.82	17.01	16.89	17.2	0.0
50	PI/2 BPSK	135	135	16.86	16.99	16.97	17.2	0.0
50	PI/2 BPSK	270	0	16.90	17.04	16.86		
50	QPSK	1	1	16.89	17.11	16.92	17.2	0.0
50	QPSK	1	135	16.84	16.96	16.95		
50	QPSK	1	268	16.87	16.95	16.90		
50	QPSK	135	0	16.89	16.98	16.89	17.2	0.0
50	QPSK	135	68	16.80	17.05	16.88	17.2	0.0
50	QPSK	135	135	16.89	17.04	16.91	17.2	0.0
50	QPSK	270	0	16.79	17.03	16.89		
50	16QAM	1	1	16.87	16.95	16.91	17.2	0.0
50	64QAM	1	1	16.83	17.03	16.95	17.2	0.0
50	256QAM	1	1	16.82	16.99	16.86	17.2	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.76	16.93	16.79	17.2	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.81	16.88	16.81	17.2	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.74	16.85	16.75	17.2	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.78	16.83	16.78	17.2	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.75	16.87	16.80	17.2	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.71	16.87	16.85	17.2	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.75	16.90	16.81	17.2	0.0

FR1 n66 Ant4 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.32	21.47	21.36	21.7	0.0
40	PI/2 BPSK	1	108	21.30	21.41	21.44		
40	PI/2 BPSK	1	214	21.35	21.43	21.34		
40	PI/2 BPSK	108	0	21.29	21.39	21.33	21.7	0.0
40	PI/2 BPSK	108	54	21.39	21.48	21.33	21.7	0.0
40	PI/2 BPSK	108	108	21.30	21.45	21.43	21.7	0.0
40	PI/2 BPSK	216	0	21.36	21.46	21.33		
40	QPSK	1	1	21.36	21.51	21.34	21.7	0.0
40	QPSK	1	108	21.37	21.47	21.35		
40	QPSK	1	214	21.38	21.45	21.36		
40	QPSK	108	0	21.40	21.37	21.42	21.7	0.0
40	QPSK	108	54	21.36	21.49	21.37	21.7	0.0
40	QPSK	108	108	21.30	21.38	21.42	21.7	0.0
40	QPSK	216	0	21.30	21.44	21.32		
40	16QAM	1	1	21.35	21.40	21.33	21.7	0.0
40	64QAM	1	1	21.37	21.46	21.40	21.7	0.0
40	256QAM	1	1	21.09	21.04	21.03	21.2	0.5
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.20	21.37	21.27	21.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.25	21.34	21.23	21.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.24	21.38	21.30	21.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.30	21.28	21.32	21.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.26	21.34	21.26	21.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.23	21.34	21.24	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				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	16.97	16.99	17.02		
40	PI/2 BPSK	1	53	17.03	17.06	16.97	17.2	0.0
40	PI/2 BPSK	1	104	17.00	17.05	17.03		
40	PI/2 BPSK	50	0	17.01	17.08	17.01	17.2	0.0
40	PI/2 BPSK	50	28	16.98	17.09	16.98	17.2	0.0
40	PI/2 BPSK	50	56	16.97	17.02	16.96	17.2	0.0
40	PI/2 BPSK	100	0	17.03	17.04	17.01		
40	QPSK	1	1	17.12	17.15	17.07		
40	QPSK	1	53	17.08	17.02	16.98	17.2	0.0
40	QPSK	1	104	17.00	17.05	16.96		
40	QPSK	50	0	17.05	17.10	16.99		
40	QPSK	50	28	17.01	17.13	17.00	17.2	0.0
40	QPSK	50	56	16.99	17.03	16.93		
40	QPSK	100	0	16.99	17.10	16.94	17.2	0.0
40	16QAM	1	1	17.07	17.06	16.99	17.2	0.0
40	64QAM	1	1	17.07	17.01	16.98	17.2	0.0
40	256QAM	1	1	17.07	17.00	16.98	17.2	0.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	17.07	17.06	16.98	17.2	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	17.05	17.09	17.00	17.2	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.98	17.06	16.96	17.2	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	17.07	17.03	17.03	17.2	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	16.98	17.00	16.95	17.2	0.0

PC3 FR1 n41 Ant4 ECI5

BW [MHz]	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	16.21	16.26	16.16		
100	PI/2 BPSK	1	137	16.16	16.28	16.20	17.0	0.0
100	PI/2 BPSK	1	271	16.20	16.22	16.22		
100	PI/2 BPSK	135	0	16.22	16.20	16.26	17.0	0.0
100	PI/2 BPSK	135	69	16.15	16.20	16.19	17.0	0.0
100	PI/2 BPSK	135	138	16.19	16.27	16.16	17.0	0.0
100	PI/2 BPSK	270	0	16.16	16.27	16.27		
100	QPSK	1	1	16.13	16.33	16.27		
100	QPSK	1	137	16.19	16.29	16.21	17.0	0.0
100	QPSK	1	271	16.22	16.25	16.25		
100	QPSK	135	0	16.23	16.21	16.25		
100	QPSK	135	69	16.22	16.28	16.21	17.0	0.0
100	QPSK	135	138	16.23	16.20	16.17		
100	QPSK	270	0	16.13	16.24	16.18	17.0	0.0
100	16QAM	1	1	16.18	16.21	16.19	17.0	0.0
100	64QAM	1	1	16.14	16.24	16.20	17.0	0.0
100	256QAM	1	1	16.13	16.30	16.17	17.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.02	16.16	16.06	17.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	16.04	16.20	16.14	17.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.08	16.19	16.10	17.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.06	16.12	16.16	17.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.08	16.11	16.07	17.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.06	16.11	16.09	17.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.04	16.20	16.10	17.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.13	16.15	16.14	17.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.13	16.11	16.10	17.0	0.0

PC2 FR1 n41 Ant4 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.21	19.21	19.11		
100	PI/2 BPSK	1	137	19.14	19.33	19.19	20.0	0.0
100	PI/2 BPSK	1	271	19.24	19.25	19.16		
100	PI/2 BPSK	135	0	19.18	19.24	19.32	20.0	0.0
100	PI/2 BPSK	135	69	19.18	19.22	19.22	20.0	0.0
100	PI/2 BPSK	135	138	19.19	19.31	19.21	20.0	0.0
100	PI/2 BPSK	270	0	19.15	19.30	19.27		
100	QPSK	1	1	19.15	19.39	19.30		
100	QPSK	1	137	19.22	19.26	19.18	20.0	0.0
100	QPSK	1	271	19.27	19.28	19.29		
100	QPSK	135	0	19.22	19.16	19.20		
100	QPSK	135	69	19.25	19.32	19.22	20.0	0.0
100	QPSK	135	138	19.20	19.16	19.14		
100	QPSK	270	0	19.11	19.28	19.22	20.0	0.0
100	16QAM	1	1	19.20	19.23	19.20	20.0	0.0
100	64QAM	1	1	19.13	19.28	19.25	20.0	0.0
100	256QAM	1	1	19.17	19.25	19.12	20.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.06	19.17	19.05	20.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.09	19.19	19.05	20.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.08	19.20	19.03	20.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.08	19.18	19.09	20.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.05	19.17	19.01	20.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.14	19.20	19.10	20.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.12	19.13	19.06	20.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.15	19.12	19.07	20.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.09	19.11	19.01	20.0	0.0

FR1 n2 Ant5 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.93	18.93	18.92	20.0	0.0
20	PI/2 BPSK	1	53	18.87	19.01	18.92		
20	PI/2 BPSK	1	104	18.88	18.91	18.86		
20	PI/2 BPSK	50	0	18.93	19.01	18.90	20.0	0.0
20	PI/2 BPSK	50	28	18.82	18.96	18.86	20.0	0.0
20	PI/2 BPSK	50	56	18.87	18.91	18.95	20.0	0.0
20	PI/2 BPSK	100	0	18.87	18.94	18.95		
20	QPSK	1	1	18.85	19.05	18.86	20.0	0.0
20	QPSK	1	53	18.92	19.00	18.86		
20	QPSK	1	104	18.87	18.91	18.88		
20	QPSK	50	0	18.90	19.00	18.90	20.0	0.0
20	QPSK	50	28	18.87	19.03	18.92	20.0	0.0
20	QPSK	50	56	18.88	18.93	18.87	20.0	0.0
20	QPSK	100	0	18.84	18.93	18.84		
20	16QAM	1	1	18.86	18.93	18.84	20.0	0.0
20	64QAM	1	1	18.83	18.99	18.85	20.0	0.0
20	256QAM	1	1	18.48	18.48	18.43	19.5	0.5
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.81	18.83	18.76	20.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.84	18.81	18.77	20.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.82	18.81	18.74	20.0	0.0

FR1 n7 Ant5 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.48	18.62	18.62	20.0	0.0
50	PI/2 BPSK	1	135	18.50	18.64	18.58		
50	PI/2 BPSK	1	268	18.56	18.56	18.56		
50	PI/2 BPSK	135	0	18.56	18.59	18.61	20.0	0.0
50	PI/2 BPSK	135	68	18.50	18.62	18.62	20.0	0.0
50	PI/2 BPSK	135	135	18.47	18.62	18.54	20.0	0.0
50	PI/2 BPSK	270	0	18.50	18.62	18.55		
50	QPSK	1	1	18.51	18.69	18.57	20.0	0.0
50	QPSK	1	135	18.49	18.61	18.53		
50	QPSK	1	268	18.51	18.62	18.61		
50	QPSK	135	0	18.55	18.66	18.52	20.0	0.0
50	QPSK	135	68	18.47	18.67	18.63	20.0	0.0
50	QPSK	135	135	18.57	18.62	18.62	20.0	0.0
50	QPSK	270	0	18.50	18.56	18.54		
50	16QAM	1	1	18.51	18.62	18.62	20.0	0.0
50	64QAM	1	1	18.55	18.67	18.62	20.0	0.0
50	256QAM	1	1	18.08	18.08	18.01	19.5	0.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.47	18.48	18.44	20.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.44	18.50	18.48	20.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.36	18.50	18.47	20.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.38	18.48	18.47	20.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.36	18.50	18.43	20.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.39	18.49	18.43	20.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.48	18.48	18.42	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.90	19.93	19.86	21.0	0.0
40	PI/2 BPSK	1	108	19.89	19.95	19.88		
40	PI/2 BPSK	1	214	19.92	19.96	19.89		
40	PI/2 BPSK	108	0	19.91	19.90	19.87	21.0	0.0
40	PI/2 BPSK	108	54	19.91	19.96	19.82	21.0	0.0
40	PI/2 BPSK	108	108	19.84	19.95	19.91	21.0	0.0
40	PI/2 BPSK	216	0	19.86	19.89	19.82		
40	QPSK	1	1	19.86	20.05	19.88	21.0	0.0
40	QPSK	1	108	19.91	19.99	19.83		
40	QPSK	1	214	19.87	19.91	19.89		
40	QPSK	108	0	19.84	19.92	19.80	21.0	0.0
40	QPSK	108	54	19.84	20.00	19.85	21.0	0.0
40	QPSK	108	108	19.88	19.89	19.91	21.0	0.0
40	QPSK	216	0	19.92	19.96	19.81		
40	16QAM	1	1	19.87	19.97	19.81	21.0	0.0
40	64QAM	1	1	19.86	19.90	19.81	21.0	0.0
40	256QAM	1	1	18.85	18.93	18.82	20.0	1.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.79	19.89	19.78	21.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.80	19.87	19.74	21.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.84	19.86	19.69	21.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.79	19.82	19.75	21.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.76	19.90	19.74	21.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.81	19.87	19.77	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518000	519000	520000		
Frequency (MHz)				2590	2595	2600		
40	PI/2 BPSK	1	1	19.32	19.40	19.37		
40	PI/2 BPSK	1	53	19.32	19.41	19.42	20.5	0.0
40	PI/2 BPSK	1	104	19.31	19.45	19.39		
40	PI/2 BPSK	50	0	19.38	19.44	19.31	20.5	0.0
40	PI/2 BPSK	50	28	19.37	19.41	19.42	20.5	0.0
40	PI/2 BPSK	50	56	19.32	19.42	19.37	20.5	0.0
40	PI/2 BPSK	100	0	19.39	19.51	19.34		
40	QPSK	1	1	19.33	19.53	19.33		
40	QPSK	1	53	19.40	19.48	19.32	20.5	0.0
40	QPSK	1	104	19.36	19.49	19.34		
40	QPSK	50	0	19.32	19.50	19.32		
40	QPSK	50	28	19.39	19.51	19.38	20.5	0.0
40	QPSK	50	56	19.35	19.41	19.38		
40	QPSK	100	0	19.40	19.41	19.35	20.5	0.0
40	16QAM	1	1	19.31	19.51	19.41	20.5	0.0
40	64QAM	1	1	19.33	19.49	19.33	20.5	0.0
40	256QAM	1	1	18.35	18.46	18.32	19.5	1.0
Channel				517000	519000	521000	Tune-up limit	MPR (dB)
Frequency (MHz)				2585	2595	2605		
30	QPSK	1	1	19.21	19.30	19.22	20.5	0.0
Channel				516500	519000	521500	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	19.29	19.38	19.28	20.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.25	19.30	19.32	20.5	0.0
Channel				515500	519000	522500	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	1	19.24	19.40	19.25	20.5	0.0
Channel				515000	519000	523000	Tune-up limit	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	1	19.25	19.40	19.26	20.5	0.0

PC3 FR1 n41 Ant5 ECI5

BW [MHz]	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	16.90	17.04	16.82		
100	PI/2 BPSK	1	137	16.86	16.96	16.92	18.5	0.0
100	PI/2 BPSK	1	271	16.94	17.00	16.93		
100	PI/2 BPSK	135	0	16.87	17.02	16.82	18.5	0.0
100	PI/2 BPSK	135	69	16.87	17.02	16.86	18.5	0.0
100	PI/2 BPSK	135	138	16.90	17.04	16.86	18.5	0.0
100	PI/2 BPSK	270	0	16.93	17.04	16.84		
100	QPSK	1	1	16.97	17.07	16.88		
100	QPSK	1	137	16.92	16.96	16.94	18.5	0.0
100	QPSK	1	271	16.94	17.05	16.90		
100	QPSK	135	0	16.89	17.04	16.87		
100	QPSK	135	69	16.88	17.05	16.91	18.5	0.0
100	QPSK	135	138	16.96	16.95	16.86		
100	QPSK	270	0	16.91	17.00	16.92	18.5	0.0
100	16QAM	1	1	16.97	16.98	16.85	18.5	0.0
100	64QAM	1	1	16.91	16.99	16.90	18.5	0.0
100	256QAM	1	1	16.37	16.48	16.52	18.0	0.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.77	16.91	16.79	18.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	16.87	16.89	16.84	18.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.87	16.96	16.80	18.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.85	16.95	16.81	18.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.79	16.89	16.78	18.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.77	16.88	16.83	18.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.87	16.86	16.74	18.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.81	16.94	16.78	18.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.76	16.92	16.81	18.5	0.0

PC2 FR1 n41 Ant5 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.93	20.07	19.78		
100	PI/2 BPSK	1	137	19.86	20.00	19.89	21.5	0.0
100	PI/2 BPSK	1	271	19.92	20.06	19.92		
100	PI/2 BPSK	135	0	19.87	19.96	19.77	21.5	0.0
100	PI/2 BPSK	135	69	19.86	19.97	19.87	21.5	0.0
100	PI/2 BPSK	135	138	19.94	20.07	19.87	21.5	0.0
100	PI/2 BPSK	270	0	19.89	20.08	19.83		
100	QPSK	1	1	19.92	20.10	19.89		
100	QPSK	1	137	19.88	19.95	19.95	21.5	0.0
100	QPSK	1	271	19.98	20.05	19.85		
100	QPSK	135	0	19.93	19.99	19.83		
100	QPSK	135	69	19.92	20.02	19.92	21.5	0.0
100	QPSK	135	138	19.95	19.94	19.89		
100	QPSK	270	0	19.95	20.00	19.94	21.5	0.0
100	16QAM	1	1	19.97	19.95	19.81	21.5	0.0
100	64QAM	1	1	19.94	20.05	19.93	21.5	0.0
100	256QAM	1	1	18.85	18.81	18.88	20.5	1.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.86	19.93	19.74	21.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.74	19.97	19.78	21.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.80	19.99	19.78	21.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.84	19.89	19.71	21.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.85	19.94	19.73	21.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.85	19.94	19.73	21.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.80	19.95	19.67	21.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.84	19.92	19.67	21.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.81	19.93	19.68	21.5	0.0

FR1 n48 Ant6 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.38	15.41	15.42	15.7	0.0
40	PI/2 BPSK	1	53	15.39	15.41	15.44		
40	PI/2 BPSK	1	104	15.44	15.40	15.41		
40	PI/2 BPSK	50	0	15.43	15.48	15.48	15.7	0.0
40	PI/2 BPSK	50	28	15.41	15.41	15.42	15.7	0.0
40	PI/2 BPSK	50	56	15.36	15.48	15.44	15.7	0.0
40	PI/2 BPSK	100	0	15.40	15.49	15.48		
40	QPSK	1	1	15.38	15.52	15.46	15.7	0.0
40	QPSK	1	53	15.42	15.43	15.48		
40	QPSK	1	104	15.35	15.49	15.45		
40	QPSK	50	0	15.41	15.48	15.42	15.7	0.0
40	QPSK	50	28	15.38	15.49	15.43		
40	QPSK	50	56	15.35	15.45	15.48		
40	QPSK	100	0	15.40	15.45	15.43	15.7	0.0
40	16QAM	1	1	15.37	15.50	15.39	15.7	0.0
40	64QAM	1	1	15.40	15.47	15.49	15.7	0.0
40	256QAM	1	1	15.43	15.41	15.43	15.7	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.32	15.31	15.38	15.7	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.30	15.39	15.35	15.7	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	15.34	15.29	15.37	15.7	0.0

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PC3 FR1 n77 PartO Ant6 ECI5

BW [MHz]	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	15.78	15.86	15.72	17.0	0.0
100	PI/2 BPSK	1	137	15.73	15.83	15.73		
100	PI/2 BPSK	1	271	15.68	15.75	15.80		
100	PI/2 BPSK	135	0	15.67	15.80	15.84	17.0	0.0
100	PI/2 BPSK	135	69	15.75	15.84	15.72	17.0	0.0
100	PI/2 BPSK	135	138	15.66	15.85	15.84	17.0	0.0
100	PI/2 BPSK	270	0	15.72	15.83	15.74		
100	QPSK	1	1	15.73	15.88	15.78	17.0	0.0
100	QPSK	1	137	15.73	15.79	15.76		
100	QPSK	1	271	15.68	15.76	15.84		
100	QPSK	135	0	15.74	15.79	15.76	17.0	0.0
100	QPSK	135	69	15.76	15.83	15.78		
100	QPSK	135	138	15.76	15.78	15.82		
100	QPSK	270	0	15.72	15.81	15.78	17.0	0.0
100	16QAM	1	1	15.70	15.85	15.76	17.0	0.0
100	64QAM	1	1	15.69	15.83	15.76	17.0	0.0
100	256QAM	1	1	15.78	15.77	15.82	17.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.63	15.66	15.68	17.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.63	15.73	15.70	17.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.66	15.72	15.69	17.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.62	15.65	15.70	17.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.57	15.74	15.65	17.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.60	15.68	15.67	17.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	15.60	15.64	15.71	17.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	15.60	15.71	15.69	17.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.61	15.74	15.69	17.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.57	15.64	15.70	17.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.61	15.75	15.63	17.0	0.0

PC2 FR1 n77 PartO Ant6 ECI5

BW [MHz]	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	18.83	18.92	18.74	20.0	0.0
100	PI/2 BPSK	1	137	18.76	18.83	18.68		
100	PI/2 BPSK	1	271	18.62	18.78	18.82		
100	PI/2 BPSK	135	0	18.62	18.76	18.87	20.0	0.0
100	PI/2 BPSK	135	69	18.80	18.85	18.66	20.0	0.0
100	PI/2 BPSK	135	138	18.66	18.83	18.86	20.0	0.0
100	PI/2 BPSK	270	0	18.78	18.87	18.76		
100	QPSK	1	1	18.71	18.95	18.82	20.0	0.0
100	QPSK	1	137	18.68	18.79	18.74		
100	QPSK	1	271	18.66	18.73	18.78		
100	QPSK	135	0	18.70	18.81	18.78	20.0	0.0
100	QPSK	135	69	18.81	18.85	18.77		
100	QPSK	135	138	18.78	18.78	18.80		
100	QPSK	270	0	18.78	18.79	18.78	20.0	0.0
100	16QAM	1	1	18.68	18.81	18.76	20.0	0.0
100	64QAM	1	1	18.68	18.85	18.80	20.0	0.0
100	256QAM	1	1	18.78	18.76	18.85	20.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.67	18.80	18.59	20.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.70	18.76	18.59	20.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.62	18.71	18.63	20.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.63	18.78	18.60	20.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.64	18.71	18.66	20.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.68	18.73	18.56	20.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	18.71	18.75	18.58	20.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	18.66	18.77	18.62	20.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.67	18.81	18.67	20.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.62	18.73	18.67	20.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.72	18.71	18.59	20.0	0.0

PC3 FR1 n77 PartQ Ant6 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		16.00			
100	PI/2 BPSK	1	137		16.06		17.0	0.0
100	PI/2 BPSK	1	271		16.07			
100	PI/2 BPSK	135	0		16.05		17.0	0.0
100	PI/2 BPSK	135	69		16.05		17.0	0.0
100	PI/2 BPSK	135	138		16.09		17.0	0.0
100	PI/2 BPSK	270	0		16.01			
100	QPSK	1	1		16.13			
100	QPSK	1	137		16.10		17.0	0.0
100	QPSK	1	271		16.00			
100	QPSK	135	0		16.06			
100	QPSK	135	69		16.10		17.0	0.0
100	QPSK	135	138		16.01			
100	QPSK	270	0		15.99		17.0	0.0
100	16QAM	1	1		16.05		17.0	0.0
100	64QAM	1	1		16.02		17.0	0.0
100	256QAM	1	1		16.01		17.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	15.89	15.95	16.00	17.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	16.00	15.99	15.97	17.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	15.92	15.94	15.95	17.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	15.98	15.96	15.98	17.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	15.90	15.98	15.99	17.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	15.99	15.94	15.94	17.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	15.98	15.95	15.97	17.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	15.91	15.90	15.89	17.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	15.91	15.90	15.92	17.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	15.96	16.01	15.98	17.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	15.99	16.00	15.92	17.0	0.0

PC2 FR1 n77 PartQ Ant6 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		18.97			
100	PI/2 BPSK	1	137		19.11		20.0	0.0
100	PI/2 BPSK	1	271		19.06			
100	PI/2 BPSK	135	0		19.08		20.0	0.0
100	PI/2 BPSK	135	69		19.03		20.0	0.0
100	PI/2 BPSK	135	138		19.07		20.0	0.0
100	PI/2 BPSK	270	0		18.96			
100	QPSK	1	1		19.15			
100	QPSK	1	137		19.11		20.0	0.0
100	QPSK	1	271		18.98			
100	QPSK	135	0		19.11			
100	QPSK	135	69		19.13		20.0	0.0
100	QPSK	135	138		19.04			
100	QPSK	270	0		19.03		20.0	0.0
100	16QAM	1	1		19.10		20.0	0.0
100	64QAM	1	1		19.03		20.0	0.0
100	256QAM	1	1		19.00		20.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	18.95	18.94	18.98	20.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	18.91	18.92	18.99	20.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	19.00	18.95	18.98	20.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	19.00	18.98	18.94	20.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	19.01	18.92	19.01	20.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	19.01	18.91	18.96	20.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	18.91	18.97	18.97	20.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	18.92	18.99	19.01	20.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	19.01	19.02	18.97	20.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	19.01	18.98	18.99	20.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	19.02	18.96	18.98	20.0	0.0

PC3 FR1 n78 PartO Ant6 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		14.37			
100	PI/2 BPSK	1	137		14.48		15.0	0.0
100	PI/2 BPSK	1	271		14.46			
100	PI/2 BPSK	135	0		14.37		15.0	0.0
100	PI/2 BPSK	135	69		14.39		15.0	0.0
100	PI/2 BPSK	135	138		14.47		15.0	0.0
100	PI/2 BPSK	270	0		14.38			
100	QPSK	1	1		14.51			
100	QPSK	1	137		14.46		15.0	0.0
100	QPSK	1	271		14.37			
100	QPSK	135	0		14.38			
100	QPSK	135	69		14.45		15.0	0.0
100	QPSK	135	138		14.38			
100	QPSK	270	0		14.47		15.0	0.0
100	16QAM	1	1		14.47		15.0	0.0
100	64QAM	1	1		14.41		15.0	0.0
100	256QAM	1	1		14.37		15.0	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	14.27	14.28	14.22	15.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	14.25	14.24	14.28	15.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	14.28	14.29	14.29	15.0	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	14.22	14.29	14.31	15.0	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	14.28	14.32	14.27	15.0	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	14.27	14.29	14.32	15.0	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	14.26	14.23	14.23	15.0	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	14.33	14.29	14.23	15.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	14.28	14.26	14.31	15.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	14.30	14.25	14.31	15.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	14.34	14.27	14.25	15.0	0.0

PC2 FR1 n78 PartO Ant6 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		17.36			
100	PI/2 BPSK	1	137		17.46		18.0	0.0
100	PI/2 BPSK	1	271		17.41			
100	PI/2 BPSK	135	0		17.31		18.0	0.0
100	PI/2 BPSK	135	69		17.41		18.0	0.0
100	PI/2 BPSK	135	138		17.44		18.0	0.0
100	PI/2 BPSK	270	0		17.33			
100	QPSK	1	1		17.50			
100	QPSK	1	137		17.43		18.0	0.0
100	QPSK	1	271		17.35			
100	QPSK	135	0		17.39			
100	QPSK	135	69		17.45		18.0	0.0
100	QPSK	135	138		17.35			
100	QPSK	270	0		17.43		18.0	0.0
100	16QAM	1	1		17.41		18.0	0.0
100	64QAM	1	1		17.43		18.0	0.0
100	256QAM	1	1		17.37		18.0	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	17.35	17.37	17.41	18.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	17.46	17.45	17.46	18.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	17.35	17.41	17.45	18.0	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	17.42	17.39	17.38	18.0	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	17.38	17.41	17.36	18.0	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	17.41	17.36	17.44	18.0	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	17.43	17.45	17.41	18.0	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	17.38	17.37	17.37	18.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	17.40	17.41	17.38	18.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	17.37	17.36	17.43	18.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	17.36	17.45	17.43	18.0	0.0

PC3 FR1 n78 PartQ Ant6 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		14.51			
100	PI/2 BPSK	1	137		14.55		15.0	0.0
100	PI/2 BPSK	1	271		14.57			
100	PI/2 BPSK	135	0		14.46		15.0	0.0
100	PI/2 BPSK	135	69		14.47		15.0	0.0
100	PI/2 BPSK	135	138		14.48		15.0	0.0
100	PI/2 BPSK	270	0		14.47			
100	QPSK	1	1		14.58			
100	QPSK	1	137		14.52		15.0	0.0
100	QPSK	1	271		14.48			
100	QPSK	135	0		14.54			
100	QPSK	135	69		14.56		15.0	0.0
100	QPSK	135	138		14.53			
100	QPSK	270	0		14.55		15.0	0.0
100	16QAM	1	1		14.45		15.0	0.0
100	64QAM	1	1		14.50		15.0	0.0
100	256QAM	1	1		14.47		15.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	14.41	14.43	14.37	15.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	14.37	14.44	14.33	15.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	14.35	14.42	14.34	15.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	14.34	14.33	14.38	15.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	14.40	14.40	14.43	15.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	14.32	14.37	14.36	15.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	14.40	14.37	14.43	15.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	14.33	14.35	14.42	15.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	14.41	14.42	14.44	15.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	14.44	14.41	14.39	15.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	14.34	14.35	14.35	15.0	0.0

PC2 FR1 n78 PartQ Ant6 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		17.53			
100	PI/2 BPSK	1	137		17.57		18.0	0.0
100	PI/2 BPSK	1	271		17.59			
100	PI/2 BPSK	135	0		17.50		18.0	0.0
100	PI/2 BPSK	135	69		17.47		18.0	0.0
100	PI/2 BPSK	135	138		17.42		18.0	0.0
100	PI/2 BPSK	270	0		17.48			
100	QPSK	1	1		17.61			
100	QPSK	1	137		17.54		18.0	0.0
100	QPSK	1	271		17.46			
100	QPSK	135	0		17.49			
100	QPSK	135	69		17.58		18.0	0.0
100	QPSK	135	138		17.54			
100	QPSK	270	0		17.50		18.0	0.0
100	16QAM	1	1		17.51		18.0	0.0
100	64QAM	1	1		17.46		18.0	0.0
100	256QAM	1	1		17.46		18.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	17.46	17.44	17.43	18.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	17.42	17.42	17.42	18.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	17.52	17.53	17.51	18.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	17.45	17.53	17.51	18.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	17.50	17.51	17.42	18.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	17.46	17.41	17.46	18.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	17.51	17.47	17.47	18.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	17.45	17.52	17.45	18.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	17.50	17.47	17.50	18.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	17.45	17.42	17.41	18.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	17.47	17.45	17.50	18.0	0.0

FR1 n48 Ant7 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.47	15.49	15.47		
40	PI/2 BPSK	1	53	15.43	15.59	15.44	16.5	0.0
40	PI/2 BPSK	1	104	15.40	15.51	15.52		
40	PI/2 BPSK	50	0	15.44	15.50	15.51	16.5	0.0
40	PI/2 BPSK	50	28	15.47	15.59	15.47	16.5	0.0
40	PI/2 BPSK	50	56	15.43	15.57	15.54	16.5	0.0
40	PI/2 BPSK	100	0	15.40	15.49	15.44		
40	QPSK	1	1	15.48	15.61	15.45		
40	QPSK	1	53	15.42	15.59	15.50	16.5	0.0
40	QPSK	1	104	15.47	15.51	15.51		
40	QPSK	50	0	15.45	15.54	15.55		
40	QPSK	50	28	15.42	15.58	15.45	16.5	0.0
40	QPSK	50	56	15.47	15.53	15.46		
40	QPSK	100	0	15.46	15.56	15.50	16.5	0.0
40	16QAM	1	1	15.50	15.57	15.51	16.5	0.0
40	64QAM	1	1	15.40	15.51	15.53	16.5	0.0
40	256QAM	1	1	15.48	15.54	15.54	16.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.31	15.43	15.45	16.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.37	15.48	15.35	16.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	15.40	15.44	15.39	16.5	0.0

PC3 FR1 n77 PartO Ant7 ECI5

BW [MHz]	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	14.80	14.82	14.74		
100	PI/2 BPSK	1	137	14.83	14.84	14.79	16.5	0.0
100	PI/2 BPSK	1	271	14.79	14.85	14.78		
100	PI/2 BPSK	135	0	14.74	14.85	14.71	16.5	0.0
100	PI/2 BPSK	135	69	14.79	14.85	14.71	16.5	0.0
100	PI/2 BPSK	135	138	14.82	14.88	14.81	16.5	0.0
100	PI/2 BPSK	270	0	14.76	14.83	14.69		
100	QPSK	1	1	14.79	14.89	14.74		
100	QPSK	1	137	14.81	14.87	14.80	16.5	0.0
100	QPSK	1	271	14.79	14.86	14.80		
100	QPSK	135	0	14.75	14.82	14.74		
100	QPSK	135	69	14.81	14.87	14.74	16.5	0.0
100	QPSK	135	138	14.75	14.85	14.77		
100	QPSK	270	0	14.82	14.85	14.74	16.5	0.0
100	16QAM	1	1	14.80	14.78	14.74	16.5	0.0
100	64QAM	1	1	14.75	14.79	14.72	16.5	0.0
100	256QAM	1	1	14.75	14.77	14.71	16.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	14.69	14.74	14.65	16.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.66	14.71	14.67	16.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.66	14.72	14.64	16.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.67	14.79	14.65	16.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	14.68	14.79	14.63	16.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.67	14.70	14.64	16.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	14.64	14.74	14.67	16.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	14.69	14.75	14.71	16.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.61	14.73	14.60	16.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	14.69	14.72	14.70	16.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.73	14.79	14.60	16.5	0.0

PC2 FR1 n77 PartO Ant7 ECI5

BW [MHz]	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	17.80	17.80	17.71		
100	PI/2 BPSK	1	137	17.81	17.83	17.77	19.5	0.0
100	PI/2 BPSK	1	271	17.81	17.91	17.82		
100	PI/2 BPSK	135	0	17.74	17.89	17.74	19.5	0.0
100	PI/2 BPSK	135	69	17.85	17.90	17.74	19.5	0.0
100	PI/2 BPSK	135	138	17.84	17.90	17.83	19.5	0.0
100	PI/2 BPSK	270	0	17.77	17.82	17.71		
100	QPSK	1	1	17.75	17.95	17.79		
100	QPSK	1	137	17.82	17.82	17.78	19.5	0.0
100	QPSK	1	271	17.79	17.85	17.75		
100	QPSK	135	0	17.75	17.84	17.71		
100	QPSK	135	69	17.81	17.93	17.76	19.5	0.0
100	QPSK	135	138	17.76	17.90	17.76		
100	QPSK	270	0	17.86	17.91	17.80	19.5	0.0
100	16QAM	1	1	17.74	17.81	17.69	19.5	0.0
100	64QAM	1	1	17.69	17.76	17.69	19.5	0.0
100	256QAM	1	1	17.81	17.83	17.68	19.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.72	17.71	17.65	19.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.66	17.74	17.66	19.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.71	17.67	17.69	19.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.75	17.73	17.59	19.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.66	17.70	17.69	19.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.86	17.75	17.59	19.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	17.65	17.72	17.66	19.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	17.70	17.77	17.64	19.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.72	17.69	17.59	19.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.68	17.66	17.67	19.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.67	17.72	17.61	19.5	0.0

PC3 FR1 n77 PartQ Ant7 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		15.24			
100	PI/2 BPSK	1	137		15.22		16.5	0.0
100	PI/2 BPSK	1	271		15.22			
100	PI/2 BPSK	135	0		15.23		16.5	0.0
100	PI/2 BPSK	135	69		15.32		16.5	0.0
100	PI/2 BPSK	135	138		15.30		16.5	0.0
100	PI/2 BPSK	270	0		15.25			
100	QPSK	1	1		15.35			
100	QPSK	1	137		15.33		16.5	0.0
100	QPSK	1	271		15.28			
100	QPSK	135	0		15.28			
100	QPSK	135	69		15.29		16.5	0.0
100	QPSK	135	138		15.24			
100	QPSK	270	0		15.25		16.5	0.0
100	16QAM	1	1		15.26		16.5	0.0
100	64QAM	1	1		15.23		16.5	0.0
100	256QAM	1	1		15.26		16.5	0.0
	Channel			633000	633332	633666	Tune-	MPR
	Frequency (MHz)			3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	15.17	15.20	15.08	16.5	0.0
	Channel			632668	633332	634000	Tune-	MPR
	Frequency (MHz)			3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	15.15	15.19	15.09	16.5	0.0
	Channel			632334	633332	634332	Tune-	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	15.15	15.14	15.14	16.5	0.0
	Channel			632000	633332	634666	Tune-	MPR
	Frequency (MHz)			3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	15.19	15.20	15.16	16.5	0.0
	Channel			631668	633332	635000	Tune-	MPR
	Frequency (MHz)			3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	15.09	15.10	15.19	16.5	0.0
	Channel			631334	633332	635332	Tune-	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	14.94	15.04	15.15	16.5	0.0
	Channel			631000	633332	635666	Tune-	MPR
	Frequency (MHz)			3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	14.94	14.99	15.14	16.5	0.0
	Channel			630834	633332	635832	Tune-	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	14.95	15.00	15.08	16.5	0.0
	Channel			630668	633332	636000	Tune-	MPR
	Frequency (MHz)			3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	14.94	14.96	15.06	16.5	0.0
	Channel			630500	633332	636166	Tune-	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	14.99	14.95	15.10	16.5	0.0
	Channel			630334	633332	636332	Tune-	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	14.97	15.05	15.07	16.5	0.0

PC2 FR1 n77 PartQ Ant7 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		18.30			
100	PI/2 BPSK	1	137		18.17		19.5	0.0
100	PI/2 BPSK	1	271		18.20			
100	PI/2 BPSK	135	0		18.28		19.5	0.0
100	PI/2 BPSK	135	69		18.28		19.5	0.0
100	PI/2 BPSK	135	138		18.28		19.5	0.0
100	PI/2 BPSK	270	0		18.24			
100	QPSK	1	1		18.35			
100	QPSK	1	137		18.32		19.5	0.0
100	QPSK	1	271		18.30			
100	QPSK	135	0		18.30			
100	QPSK	135	69		18.33		19.5	0.0
100	QPSK	135	138		18.21			
100	QPSK	270	0		18.20		19.5	0.0
100	16QAM	1	1		18.22		19.5	0.0
100	64QAM	1	1		18.22		19.5	0.0
100	256QAM	1	1		18.25		19.5	0.0
	Channel			633000	633332	633666	Tune-	MPR
	Frequency (MHz)			3495	3499.98	3504.99	up limit	(dB)
90	QPSK	1	1	18.25	18.24	18.19	19.5	0.0
	Channel			632668	633332	634000	Tune-	MPR
	Frequency (MHz)			3490.02	3499.98	3510	up limit	(dB)
80	QPSK	1	1	18.25	18.28	18.20	19.5	0.0
	Channel			632334	633332	634332	Tune-	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	up limit	(dB)
70	QPSK	1	1	18.25	18.23	18.17	19.5	0.0
	Channel			632000	633332	634666	Tune-	MPR
	Frequency (MHz)			3480	3499.98	3519.99	up limit	(dB)
60	QPSK	1	1	18.26	18.26	18.20	19.5	0.0
	Channel			631668	633332	635000	Tune-	MPR
	Frequency (MHz)			3475.02	3499.98	3525	up limit	(dB)
50	QPSK	1	1	18.18	18.25	18.25	19.5	0.0
	Channel			631334	633332	635332	Tune-	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	up limit	(dB)
40	QPSK	1	1	18.24	18.27	18.24	19.5	0.0
	Channel			631000	633332	635666	Tune-	MPR
	Frequency (MHz)			3465	3499.98	3534.99	up limit	(dB)
30	QPSK	1	1	18.20	18.18	18.28	19.5	0.0
	Channel			630834	633332	635832	Tune-	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	up limit	(dB)
25	QPSK	1	1	18.27	18.20	18.25	19.5	0.0
	Channel			630668	633332	636000	Tune-	MPR
	Frequency (MHz)			3460.02	3499.98	3540	up limit	(dB)
20	QPSK	1	1	18.17	18.24	18.19	19.5	0.0
	Channel			630500	633332	636166	Tune-	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	up limit	(dB)
15	QPSK	1	1	18.20	18.26	18.25	19.5	0.0
	Channel			630334	633332	636332	Tune-	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	up limit	(dB)
10	QPSK	1	1	18.24	18.21	18.25	19.5	0.0

PC3 FR1 n78 PartO Ant7 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		14.42			
100	PI/2 BPSK	1	137		14.37		15.5	0.0
100	PI/2 BPSK	1	271		14.43			
100	PI/2 BPSK	135	0		14.45		15.5	0.0
100	PI/2 BPSK	135	69		14.41		15.5	0.0
100	PI/2 BPSK	135	138		14.38		15.5	0.0
100	PI/2 BPSK	270	0		14.37			
100	QPSK	1	1		14.51			
100	QPSK	1	137		14.43		15.5	0.0
100	QPSK	1	271		14.43			
100	QPSK	135	0		14.39			
100	QPSK	135	69		14.42		15.5	0.0
100	QPSK	135	138		14.35			
100	QPSK	270	0		14.38		15.5	0.0
100	16QAM	1	1		14.38		15.5	0.0
100	64QAM	1	1		14.41		15.5	0.0
100	256QAM	1	1		14.40		15.5	0.0
	Channel			649668	650000	650332	Tune-	MPR
	Frequency (MHz)			3745.02	3750	3754.98	up limit	(dB)
90	QPSK	1	1	14.35	14.37	14.28	15.5	0.0
	Channel			649334	650000	650666	Tune-	MPR
	Frequency (MHz)			3740.01	3750	3759.99	up limit	(dB)
80	QPSK	1	1	14.38	14.30	14.29	15.5	0.0
	Channel			649000	650000	651000	Tune-	MPR
	Frequency (MHz)			3735	3750	3765	up limit	(dB)
70	QPSK	1	1	14.36	14.35	14.36	15.5	0.0
	Channel			648668	650000	651332	Tune-	MPR
	Frequency (MHz)			3730.02	3750	3769.98	up limit	(dB)
60	QPSK	1	1	14.27	14.32	14.37	15.5	0.0
	Channel			648334	650000	651666	Tune-	MPR
	Frequency (MHz)			3725.01	3750	3774.99	up limit	(dB)
50	QPSK	1	1	14.35	14.38	14.32	15.5	0.0
	Channel			648000	650000	652000	Tune-	MPR
	Frequency (MHz)			3720	3750	3780	up limit	(dB)
40	QPSK	1	1	14.33	14.37	14.28	15.5	0.0
	Channel			647668	650000	652332	Tune-	MPR
	Frequency (MHz)			3715.02	3750.00	3784.98	up limit	(dB)
30	QPSK	1	1	14.28	14.38	14.28	15.5	0.0
	Channel			647500	650000	652500	Tune-	MPR
	Frequency (MHz)			3712.5	3750.00	3787.50	up limit	(dB)
25	QPSK	1	1	14.35	14.36	14.36	15.5	0.0
	Channel			647334	650000	652666	Tune-	MPR
	Frequency (MHz)			3710.01	3750	3789.99	up limit	(dB)
20	QPSK	1	1	14.30	14.33	14.35	15.5	0.0
	Channel			647168	650000	652832	Tune-	MPR
	Frequency (MHz)			3707.52	3750	3792.48	up limit	(dB)
15	QPSK	1	1	14.36	14.30	14.27	15.5	0.0
	Channel			647000	650000	653000	Tune-	MPR
	Frequency (MHz)			3705	3750	3795	up limit	(dB)
10	QPSK	1	1	14.38	14.39	14.37	15.5	0.0

PC2 FR1 n78 PartO Ant7 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		17.39			
100	PI/2 BPSK	1	137		17.34		18.5	0.0
100	PI/2 BPSK	1	271		17.48			
100	PI/2 BPSK	135	0		17.46		18.5	0.0
100	PI/2 BPSK	135	69		17.35		18.5	0.0
100	PI/2 BPSK	135	138		17.34		18.5	0.0
100	PI/2 BPSK	270	0		17.39			
100	QPSK	1	1		17.51			
100	QPSK	1	137		17.45		18.5	0.0
100	QPSK	1	271		17.46			
100	QPSK	135	0		17.35			
100	QPSK	135	69		17.40		18.5	0.0
100	QPSK	135	138		17.38			
100	QPSK	270	0		17.39		18.5	0.0
100	16QAM	1	1		17.43		18.5	0.0
100	64QAM	1	1		17.39		18.5	0.0
100	256QAM	1	1		17.43		18.5	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	17.34	17.39	17.40	18.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	17.34	17.32	17.35	18.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	17.33	17.41	17.37	18.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	17.40	17.39	17.35	18.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	17.31	17.37	17.35	18.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	17.38	17.38	17.34	18.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	17.39	17.30	17.33	18.5	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	17.37	17.39	17.33	18.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	17.40	17.37	17.40	18.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	17.39	17.37	17.30	18.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	17.33	17.40	17.37	18.5	0.0

PC3 FR1 n78 PartQ Ant7 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		14.87			
100	PI/2 BPSK	1	137		14.87		15.5	0.0
100	PI/2 BPSK	1	271		14.87			
100	PI/2 BPSK	135	0		14.82		15.5	0.0
100	PI/2 BPSK	135	69		14.83		15.5	0.0
100	PI/2 BPSK	135	138		14.84		15.5	0.0
100	PI/2 BPSK	270	0		14.85			
100	QPSK	1	1		14.89			
100	QPSK	1	137		14.82		15.5	0.0
100	QPSK	1	271		14.80			
100	QPSK	135	0		14.80			
100	QPSK	135	69		14.86		15.5	0.0
100	QPSK	135	138		14.85			
100	QPSK	270	0		14.80		15.5	0.0
100	16QAM	1	1		14.83		15.5	0.0
100	64QAM	1	1		14.79		15.5	0.0
100	256QAM	1	1		14.88		15.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	22.72	22.75	22.73	15.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	22.72	22.73	22.80	15.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	22.70	22.77	22.79	15.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	22.68	22.77	22.77	15.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	22.76	22.68	22.80	15.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	22.74	22.77	22.73	15.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	22.79	22.70	22.79	15.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	22.72	22.70	22.77	15.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	22.75	22.75	22.72	15.5	0.0
	Channel			630500	633332	636165	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	22.74	22.79	22.69	15.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	22.68	22.74	22.77	15.5	0.0

PC2 FR1 n78 PartQ Ant7 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		17.84			
100	PI/2 BPSK	1	137		17.91		18.5	0.0
100	PI/2 BPSK	1	271		17.89			
100	PI/2 BPSK	135	0		17.87		18.5	0.0
100	PI/2 BPSK	135	69		17.84		18.5	0.0
100	PI/2 BPSK	135	138		17.78		18.5	0.0
100	PI/2 BPSK	270	0		17.85			
100	QPSK	1	1		17.93			
100	QPSK	1	137		17.86		18.5	0.0
100	QPSK	1	271		17.84			
100	QPSK	135	0		17.81			
100	QPSK	135	69		17.92		18.5	0.0
100	QPSK	135	138		17.90			
100	QPSK	270	0		17.83		18.5	0.0
100	16QAM	1	1		17.80		18.5	0.0
100	64QAM	1	1		17.79		18.5	0.0
100	256QAM	1	1		17.91		18.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	17.87	17.84	17.79	18.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	17.83	17.87	17.86	18.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	17.86	17.79	17.77	18.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	17.78	17.86	17.85	18.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	17.76	17.78	17.77	18.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	17.87	17.87	17.81	18.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	17.85	17.81	17.83	18.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	17.77	17.83	17.87	18.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	17.88	17.79	17.85	18.5	0.0
	Channel			630500	633332	636165	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	17.86	17.87	17.87	18.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	17.80	17.81	17.78	18.5	0.0

FR1 n48 Ant8 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	14.57	14.62	14.59		
40	PI/2 BPSK	1	53	14.62	14.63	14.65	15.5	0.0
40	PI/2 BPSK	1	104	14.62	14.61	14.58		
40	PI/2 BPSK	50	0	14.61	14.68	14.58	15.5	0.0
40	PI/2 BPSK	50	28	14.61	14.72	14.61	15.5	0.0
40	PI/2 BPSK	50	56	14.61	14.70	14.62	15.5	0.0
40	PI/2 BPSK	100	0	14.68	14.64	14.61		
40	QPSK	1	1	14.60	14.75	14.59		
40	QPSK	1	53	14.67	14.62	14.63	15.5	0.0
40	QPSK	1	104	14.57	14.62	14.66		
40	QPSK	50	0	14.57	14.67	14.59		
40	QPSK	50	28	14.68	14.71	14.60	15.5	0.0
40	QPSK	50	56	14.62	14.68	14.69		
40	QPSK	100	0	14.61	14.65	14.58	15.5	0.0
40	16QAM	1	1	14.66	14.62	14.62	15.5	0.0
40	64QAM	1	1	14.61	14.68	14.63	15.5	0.0
40	256QAM	1	1	14.58	14.68	14.63	15.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	14.54	14.57	14.55	15.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	14.49	14.58	14.47	15.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.53	14.59	14.54	15.5	0.0

PC3 FR1 n77 PartO Ant8 ECI5

BW [MHz]	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	12.80	12.95	12.82		
100	PI/2 BPSK	1	137	12.88	12.89	12.80	14.5	0.0
100	PI/2 BPSK	1	271	12.89	12.96	12.78		
100	PI/2 BPSK	135	0	12.78	12.90	12.76	14.5	0.0
100	PI/2 BPSK	135	69	12.88	12.97	12.79	14.5	0.0
100	PI/2 BPSK	135	138	12.87	12.87	12.85	14.5	0.0
100	PI/2 BPSK	270	0	12.78	12.90	12.77		
100	QPSK	1	1	12.83	12.98	12.76		
100	QPSK	1	137	12.87	12.94	12.85	14.5	0.0
100	QPSK	1	271	12.81	12.92	12.78		
100	QPSK	135	0	12.79	12.87	12.81		
100	QPSK	135	69	12.87	12.90	12.82	14.5	0.0
100	QPSK	135	138	12.83	12.89	12.82		
100	QPSK	270	0	12.83	12.92	12.79	14.5	0.0
100	16QAM	1	1	12.84	12.88	12.82	14.5	0.0
100	64QAM	1	1	12.81	12.92	12.84	14.5	0.0
100	256QAM	1	1	12.89	12.88	12.78	14.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	12.79	12.79	12.73	14.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	12.77	12.85	12.70	14.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.69	12.84	12.77	14.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	12.72	12.80	12.76	14.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	12.73	12.87	12.76	14.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.74	12.81	12.67	14.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	12.74	12.85	12.74	14.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	12.79	12.81	12.65	14.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	12.79	12.81	12.73	14.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	12.72	12.81	12.69	14.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.79	12.87	12.67	14.5	0.0

PC2 FR1 n77 PartO Ant8 ECI5

BW [MHz]	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	15.77	15.96	15.78		
100	PI/2 BPSK	1	137	15.82	15.86	15.79	17.5	0.0
100	PI/2 BPSK	1	271	15.88	15.96	15.74		
100	PI/2 BPSK	135	0	15.83	15.89	15.75	17.5	0.0
100	PI/2 BPSK	135	69	15.84	15.92	15.78	17.5	0.0
100	PI/2 BPSK	135	138	15.86	15.90	15.82	17.5	0.0
100	PI/2 BPSK	270	0	15.77	15.92	15.73		
100	QPSK	1	1	15.77	15.99	15.71		
100	QPSK	1	137	15.89	15.88	15.90	17.5	0.0
100	QPSK	1	271	15.83	15.93	15.81		
100	QPSK	135	0	15.78	15.90	15.77		
100	QPSK	135	69	15.89	15.94	15.86	17.5	0.0
100	QPSK	135	138	15.85	15.88	15.85		
100	QPSK	270	0	15.83	15.96	15.81	17.5	0.0
100	16QAM	1	1	15.80	15.90	15.79	17.5	0.0
100	64QAM	1	1	15.86	15.97	15.89	17.5	0.0
100	256QAM	1	1	15.95	15.85	15.81	17.5	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.70	15.82	15.67	17.5	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.71	15.79	15.73	17.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.66	15.89	15.70	17.5	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.65	15.91	15.67	17.5	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.75	15.87	15.68	17.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.67	15.89	15.76	17.5	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	15.75	15.87	15.71	17.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50		
25	QPSK	1	1	15.76	15.81	15.69	17.5	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.73	15.80	15.69	17.5	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	15.73	15.82	15.77	17.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.75	15.88	15.73	17.5	0.0

PC3 FR1 n77 PartQ Ant8 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		13.11			
100	PI/2 BPSK	1	137		13.15		14.5	0.0
100	PI/2 BPSK	1	271		13.12			
100	PI/2 BPSK	135	0		13.14		14.5	0.0
100	PI/2 BPSK	135	69		13.07		14.5	0.0
100	PI/2 BPSK	135	138		13.10		14.5	0.0
100	PI/2 BPSK	270	0		13.14			
100	QPSK	1	1		13.18			
100	QPSK	1	137		13.17		14.5	0.0
100	QPSK	1	271		13.15			
100	QPSK	135	0		13.16			
100	QPSK	135	69		13.17		14.5	0.0
100	QPSK	135	138		13.06			
100	QPSK	270	0		13.09		14.5	0.0
100	16QAM	1	1		13.11		14.5	0.0
100	64QAM	1	1		13.09		14.5	0.0
100	256QAM	1	1		13.12		14.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	13.01	13.04	13.00	14.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	12.96	13.03	12.97	14.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	12.96	12.95	13.05	14.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	12.95	13.06	12.99	14.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	12.98	13.04	12.96	14.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	12.98	13.01	13.03	14.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	12.94	13.01	12.95	14.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	12.95	13.04	12.97	14.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	12.95	13.00	12.95	14.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	13.03	12.98	13.05	14.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	13.01	12.98	12.97	14.5	0.0

PC2 FR1 n77 PartQ Ant8 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		16.10			
100	PI/2 BPSK	1	137		16.15		17.5	0.0
100	PI/2 BPSK	1	271		16.17			
100	PI/2 BPSK	135	0		16.10		17.5	0.0
100	PI/2 BPSK	135	69		16.06		17.5	0.0
100	PI/2 BPSK	135	138		16.13		17.5	0.0
100	PI/2 BPSK	270	0		16.11			
100	QPSK	1	1		16.25			
100	QPSK	1	137		16.23		17.5	0.0
100	QPSK	1	271		16.15			
100	QPSK	135	0		16.21			
100	QPSK	135	69		16.23		17.5	0.0
100	QPSK	135	138		16.09			
100	QPSK	270	0		16.13		17.5	0.0
100	16QAM	1	1		16.17		17.5	0.0
100	64QAM	1	1		16.14		17.5	0.0
100	256QAM	1	1		16.16		17.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	15.99	16.08	16.01	17.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	15.98	16.03	16.01	17.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	15.99	16.00	16.04	17.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	16.01	15.98	15.99	17.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	16.09	16.00	15.97	17.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	15.98	16.07	16.03	17.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	16.05	16.07	16.09	17.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	16.06	15.98	16.02	17.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	16.07	16.06	16.03	17.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	16.07	16.00	16.00	17.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	15.97	16.02	15.99	17.5	0.0

PC3 FR1 n78 PartO Ant8 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		13.17			
100	PI/2 BPSK	1	137		13.07		14.0	0.0
100	PI/2 BPSK	1	271		13.12			
100	PI/2 BPSK	135	0		13.17		14.0	0.0
100	PI/2 BPSK	135	69		13.13		14.0	0.0
100	PI/2 BPSK	135	138		13.10		14.0	0.0
100	PI/2 BPSK	270	0		13.07			
100	QPSK	1	1		13.21			
100	QPSK	1	137		13.08		14.0	0.0
100	QPSK	1	271		13.08			
100	QPSK	135	0		13.14			
100	QPSK	135	69		13.15		14.0	0.0
100	QPSK	135	138		13.08			
100	QPSK	270	0		13.12		14.0	0.0
100	16QAM	1	1		13.10		14.0	0.0
100	64QAM	1	1		13.13		14.0	0.0
100	256QAM	1	1		13.07		14.0	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	12.95	12.94	12.99	14.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	12.99	12.92	12.96	14.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	12.96	12.99	12.95	14.0	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	13.01	12.97	13.01	14.0	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	13.01	12.99	13.00	14.0	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	12.98	12.94	12.93	14.0	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	12.99	12.91	12.94	14.0	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	12.99	12.94	12.90	14.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	12.95	12.96	12.94	14.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	12.94	12.94	12.91	14.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	12.95	12.96	13.01	14.0	0.0

PC2 FR1 n78 PartO Ant8 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		16.12			
100	PI/2 BPSK	1	137		16.06		17.0	0.0
100	PI/2 BPSK	1	271		16.06			
100	PI/2 BPSK	135	0		16.22		17.0	0.0
100	PI/2 BPSK	135	69		16.15		17.0	0.0
100	PI/2 BPSK	135	138		16.12		17.0	0.0
100	PI/2 BPSK	270	0		16.08			
100	QPSK	1	1		16.25			
100	QPSK	1	137		16.09		17.0	0.0
100	QPSK	1	271		16.03			
100	QPSK	135	0		16.10			
100	QPSK	135	69		16.11		17.0	0.0
100	QPSK	135	138		16.07			
100	QPSK	270	0		16.07		17.0	0.0
100	16QAM	1	1		16.06		17.0	0.0
100	64QAM	1	1		16.18		17.0	0.0
100	256QAM	1	1		16.09		17.0	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	16.17	16.17	16.14	17.0	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	16.09	16.20	16.19	17.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	16.16	16.10	16.20	17.0	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	16.19	16.13	16.12	17.0	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	16.18	16.15	16.17	17.0	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	16.16	16.19	16.12	17.0	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	16.14	16.19	16.11	17.0	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	16.16	16.19	16.20	17.0	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	16.16	16.14	16.10	17.0	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	16.18	16.15	16.18	17.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	16.17	16.15	16.15	17.0	0.0

PC3 FR1 n78 PartQ Ant8 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		13.13			
100	PI/2 BPSK	1	137		13.14		14.0	0.0
100	PI/2 BPSK	1	271		13.14			
100	PI/2 BPSK	135	0		13.07		14.0	0.0
100	PI/2 BPSK	135	69		13.16		14.0	0.0
100	PI/2 BPSK	135	138		13.09		14.0	0.0
100	PI/2 BPSK	270	0		13.08			
100	QPSK	1	1		13.18			
100	QPSK	1	137		13.13		14.0	0.0
100	QPSK	1	271		13.13			
100	QPSK	135	0		13.08			
100	QPSK	135	69		13.11		14.0	0.0
100	QPSK	135	138		13.08			
100	QPSK	270	0		13.09		14.0	0.0
100	16QAM	1	1		13.08		14.0	0.0
100	64QAM	1	1		13.16		14.0	0.0
100	256QAM	1	1		13.08		14.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	13.06	13.02	12.99	14.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	13.03	13.08	13.09	14.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	12.98	12.99	13.08	14.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	13.06	13.05	13.09	14.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	13.05	13.01	13.06	14.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	13.07	13.06	13.05	14.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	13.01	12.99	13.09	14.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	13.07	12.99	13.10	14.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	13.04	13.10	13.05	14.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	13.05	13.09	13.01	14.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	12.99	13.09	13.06	14.0	0.0

PC2 FR1 n78 PartQ Ant8 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		16.18			
100	PI/2 BPSK	1	137		16.19		17.0	0.0
100	PI/2 BPSK	1	271		16.13			
100	PI/2 BPSK	135	0		16.09		17.0	0.0
100	PI/2 BPSK	135	69		16.11		17.0	0.0
100	PI/2 BPSK	135	138		16.10		17.0	0.0
100	PI/2 BPSK	270	0		16.08			
100	QPSK	1	1		16.21			
100	QPSK	1	137		16.13		17.0	0.0
100	QPSK	1	271		16.17			
100	QPSK	135	0		16.06			
100	QPSK	135	69		16.15		17.0	0.0
100	QPSK	135	138		16.03			
100	QPSK	270	0		16.12		17.0	0.0
100	16QAM	1	1		16.05		17.0	0.0
100	64QAM	1	1		16.16		17.0	0.0
100	256QAM	1	1		16.11		17.0	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	16.05	16.01	16.07	17.0	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	16.05	16.03	15.99	17.0	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	16.09	15.98	15.99	17.0	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	15.98	16.06	15.99	17.0	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	16.01	16.03	16.02	17.0	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	16.03	16.06	16.07	17.0	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	16.07	16.09	15.99	17.0	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	16.01	16.08	16.05	17.0	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	16.04	16.08	16.01	17.0	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	16.10	16.01	16.01	17.0	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	16.05	16.10	16.00	17.0	0.0

FR1 n48 Ant9 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.72	15.77	15.58		
40	PI/2 BPSK	1	53	15.73	15.86	15.66	16.5	0.0
40	PI/2 BPSK	1	104	15.78	15.85	15.60		
40	PI/2 BPSK	50	0	15.77	15.85	15.66	16.5	0.0
40	PI/2 BPSK	50	28	15.83	15.87	15.62	16.5	0.0
40	PI/2 BPSK	50	56	15.82	15.78	15.69	16.5	0.0
40	PI/2 BPSK	100	0	15.76	15.86	15.59		
40	QPSK	1	1	15.78	15.89	15.59		
40	QPSK	1	53	15.77	15.84	15.59	16.5	0.0
40	QPSK	1	104	15.74	15.80	15.64		
40	QPSK	50	0	15.71	15.77	15.67		
40	QPSK	50	28	15.78	15.88	15.64	16.5	0.0
40	QPSK	50	56	15.72	15.87	15.64		
40	QPSK	100	0	15.71	15.77	15.67	16.5	0.0
40	16QAM	1	1	15.82	15.77	15.67	16.5	0.0
40	64QAM	1	1	15.81	15.83	15.61	16.5	0.0
40	256QAM	1	1	15.75	15.76	15.68	16.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690	16.5	0.0
20	QPSK	1	1	15.67	15.78	15.51		
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49	16.5	0.0
15	QPSK	1	1	15.67	15.74	15.53		
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98	16.5	0.0
10	QPSK	1	1	15.70	15.72	15.53		

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PC3 FR1 n77 PartO Ant9 ECI5

BW [MHz]	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	14.68	14.81	14.79		
100	PI/2 BPSK	1	137	14.75	14.84	14.74	16.0	0.0
100	PI/2 BPSK	1	271	14.69	14.79	14.79		
100	PI/2 BPSK	135	0	14.70	14.79	14.75	16.0	0.0
100	PI/2 BPSK	135	69	14.73	14.82	14.82	16.0	0.0
100	PI/2 BPSK	135	138	14.70	14.74	14.81	16.0	0.0
100	PI/2 BPSK	270	0	14.69	14.75	14.83		
100	QPSK	1	1	14.69	14.88	14.79		
100	QPSK	1	137	14.69	14.76	14.76	16.0	0.0
100	QPSK	1	271	14.68	14.75	14.76		
100	QPSK	135	0	14.67	14.75	14.77		
100	QPSK	135	69	14.76	14.85	14.71	16.0	0.0
100	QPSK	135	138	14.70	14.84	14.72		
100	QPSK	270	0	14.69	14.81	14.79	16.0	0.0
100	16QAM	1	1	14.68	14.86	14.76	16.0	0.0
100	64QAM	1	1	14.75	14.83	14.72	16.0	0.0
100	256QAM	1	1	14.76	14.79	14.78	16.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	16.0	0.0
90	QPSK	1	1	14.64	14.65	14.68	16.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	16.0	0.0
80	QPSK	1	1	14.56	14.71	14.70	16.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945	16.0	0.0
70	QPSK	1	1	14.64	14.67	14.69	16.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	16.0	0.0
60	QPSK	1	1	14.57	14.65	14.64	16.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	16.0	0.0
50	QPSK	1	1	14.57	14.73	14.70	16.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960	16.0	0.0
40	QPSK	1	1	14.59	14.76	14.66	16.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98	16.0	0.0
30	QPSK	1	1	14.65	14.72	14.68	16.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50	16.0	0.0
25	QPSK	1	1	14.59	14.74	14.67	16.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	16.0	0.0
20	QPSK	1	1	14.60	14.74	14.70	16.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	16.0	0.0
15	QPSK	1	1	14.66	14.65	14.72	16.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975	16.0	0.0
10	QPSK	1	1	14.57	14.67	14.62	16.0	0.0

PC2 FR1 n77 PartO Ant9 ECI5

BW [MHz]	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	17.68	17.78	17.83		
100	PI/2 BPSK	1	137	17.72	17.78	17.69	19.0	0.0
100	PI/2 BPSK	1	271	17.65	17.78	17.81		
100	PI/2 BPSK	135	0	17.72	17.77	17.70	19.0	0.0
100	PI/2 BPSK	135	69	17.72	17.78	17.79	19.0	0.0
100	PI/2 BPSK	135	138	17.74	17.75	17.82	19.0	0.0
100	PI/2 BPSK	270	0	17.64	17.73	17.81		
100	QPSK	1	1	17.69	17.91	17.74		
100	QPSK	1	137	17.65	17.76	17.71	19.0	0.0
100	QPSK	1	271	17.69	17.75	17.79		
100	QPSK	135	0	17.68	17.81	17.78		
100	QPSK	135	69	17.75	17.85	17.68	19.0	0.0
100	QPSK	135	138	17.75	17.80	17.71		
100	QPSK	270	0	17.69	17.85	17.74	19.0	0.0
100	16QAM	1	1	17.63	17.85	17.77	19.0	0.0
100	64QAM	1	1	17.76	17.77	17.66	19.0	0.0
100	256QAM	1	1	17.81	17.78	17.80	19.0	0.0
Channel				649668	656000	662332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	19.0	0.0
90	QPSK	1	1	17.59	17.86	17.66	19.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	19.0	0.0
80	QPSK	1	1	17.56	17.76	17.63	19.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945	19.0	0.0
70	QPSK	1	1	17.64	17.78	17.63	19.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	19.0	0.0
60	QPSK	1	1	17.59	17.85	17.65	19.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	19.0	0.0
50	QPSK	1	1	17.54	17.84	17.70	19.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960	19.0	0.0
40	QPSK	1	1	17.81	17.78	17.86	19.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98	19.0	0.0
30	QPSK	1	1	17.63	17.85	17.65	19.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840.00	3967.50	19.0	0.0
25	QPSK	1	1	17.56	17.78	17.80	19.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	19.0	0.0
20	QPSK	1	1	17.62	17.84	17.66	19.0	0.0
Channel				647168	656000	664832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48	19.0	0.0
15	QPSK	1	1	17.60	17.79	17.63	19.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975	19.0	0.0
10	QPSK	1	1	17.58	17.80	17.59	19.0	0.0

PC3 FR1 n77 PartQ Ant9 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.63			
100	PI/2 BPSK	1	137		14.58		16.0	0.0
100	PI/2 BPSK	1	271		14.67			
100	PI/2 BPSK	135	0		14.60		16.0	0.0
100	PI/2 BPSK	135	69		14.60		16.0	0.0
100	PI/2 BPSK	135	138		14.67		16.0	0.0
100	PI/2 BPSK	270	0		14.63			
100	QPSK	1	1		14.71			
100	QPSK	1	137		14.65		16.0	0.0
100	QPSK	1	271		14.57			
100	QPSK	135	0		14.67			
100	QPSK	135	69		14.69		16.0	0.0
100	QPSK	135	138		14.63			
100	QPSK	270	0		14.65		16.0	0.0
100	16QAM	1	1		14.61		16.0	0.0
100	64QAM	1	1		14.58		16.0	0.0
100	256QAM	1	1		14.57		16.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.46	14.52	14.56	16.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.52	14.47	14.46	16.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.46	14.48	14.55	16.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.50	14.50	14.48	16.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.49	14.52	14.49	16.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.56	14.55	14.49	16.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.52	14.56	14.52	16.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	14.48	14.48	14.51	16.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.56	14.54	14.55	16.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.55	14.51	14.51	16.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.55	14.57	14.48	16.0	0.0

PC2 FR1 n77 PartQ Ant9 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.64			
100	PI/2 BPSK	1	137		17.60		19.0	0.0
100	PI/2 BPSK	1	271		17.68			
100	PI/2 BPSK	135	0		17.56		19.0	0.0
100	PI/2 BPSK	135	69		17.57		19.0	0.0
100	PI/2 BPSK	135	138		17.65		19.0	0.0
100	PI/2 BPSK	270	0		17.68			
100	QPSK	1	1		17.71			
100	QPSK	1	137		17.62		19.0	0.0
100	QPSK	1	271		17.62			
100	QPSK	135	0		17.62			
100	QPSK	135	69		17.66		19.0	0.0
100	QPSK	135	138		17.61			
100	QPSK	270	0		17.60		19.0	0.0
100	16QAM	1	1		17.66		19.0	0.0
100	64QAM	1	1		17.55		19.0	0.0
100	256QAM	1	1		17.60		19.0	0.0
Channel				633000	633332	633666	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.60	17.62	17.56	19.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.65	17.67	17.64	19.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.59	17.60	17.59	19.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.65	17.65	17.63	19.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.66	17.66	17.59	19.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.56	17.56	17.65	19.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.57	17.60	17.59	19.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	17.56	17.66	17.60	19.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.65	17.62	17.66	19.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.59	17.59	17.59	19.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.67	17.64	17.61	19.0	0.0

PC3 FR1 n78 PartO Ant9 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.27			
100	PI/2 BPSK	1	137		15.28		16.5	0.0
100	PI/2 BPSK	1	271		15.27			
100	PI/2 BPSK	135	0		15.27		16.5	0.0
100	PI/2 BPSK	135	69		15.23		16.5	0.0
100	PI/2 BPSK	135	138		15.21		16.5	0.0
100	PI/2 BPSK	270	0		15.27			
100	QPSK	1	1		15.35			
100	QPSK	1	137		15.28		16.5	0.0
100	QPSK	1	271		15.26			
100	QPSK	135	0		15.29			
100	QPSK	135	69		15.31		16.5	0.0
100	QPSK	135	138		15.23			
100	QPSK	270	0		15.25		16.5	0.0
100	16QAM	1	1		15.29		16.5	0.0
100	64QAM	1	1		15.28		16.5	0.0
100	256QAM	1	1		15.22		16.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.17	15.17	15.13	16.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.19	15.16	15.24	16.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.19	15.13	15.20	16.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	15.12	15.19	15.22	16.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.13	15.21	15.23	16.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.23	15.15	15.16	16.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	15.15	15.13	15.20	16.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750.00	3787.50		
25	QPSK	1	1	15.19	15.16	15.17	16.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.12	15.18	15.16	16.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	15.22	15.21	15.13	16.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.21	15.23	15.19	16.5	0.0

PC2 FR1 n78 PartO Ant9 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		18.22		19.5	0.0
100	PI/2 BPSK	1	137		18.33			
100	PI/2 BPSK	1	271		18.22			
100	PI/2 BPSK	135	0		18.30		19.5	0.0
100	PI/2 BPSK	135	69		18.29		19.5	0.0
100	PI/2 BPSK	135	138		18.26		19.5	0.0
100	PI/2 BPSK	270	0		18.31			
100	QPSK	1	1		18.39		19.5	0.0
100	QPSK	1	137		18.30			
100	QPSK	1	271		18.21			
100	QPSK	135	0		18.31		19.5	0.0
100	QPSK	135	69		18.35			
100	QPSK	135	138		18.20			
100	QPSK	270	0		18.21		19.5	0.0
100	16QAM	1	1		18.24		19.5	0.0
100	64QAM	1	1		18.28		19.5	0.0
100	256QAM	1	1		18.18		19.5	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3745.02	3750	3754.98		
90	QPSK	1	1	18.33	18.28	18.31	19.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3740.01	3750	3759.99		
80	QPSK	1	1	18.32	18.31	18.29	19.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3735	3750	3765		
70	QPSK	1	1	18.32	18.24	18.31	19.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3730.02	3750	3769.98		
60	QPSK	1	1	18.29	18.24	18.29	19.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3725.01	3750	3774.99		
50	QPSK	1	1	18.29	18.24	18.28	19.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3720	3750	3780		
40	QPSK	1	1	18.24	18.26	18.33	19.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3715.02	3750.00	3784.98		
30	QPSK	1	1	18.29	18.29	18.25	19.5	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR (dB)
	Frequency (MHz)			3712.5	3750.00	3787.50		
25	QPSK	1	1	18.30	18.29	18.24	19.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3710.01	3750	3789.99		
20	QPSK	1	1	18.28	18.27	18.28	19.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR (dB)
	Frequency (MHz)			3707.52	3750	3792.48		
15	QPSK	1	1	18.27	18.24	18.24	19.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3705	3750	3795		
10	QPSK	1	1	18.27	18.29	18.24	19.5	0.0

PC3 FR1 n78 PartQ Ant9 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		15.08		16.5	0.0
100	PI/2 BPSK	1	137		15.05			
100	PI/2 BPSK	1	271		15.03			
100	PI/2 BPSK	135	0		15.05		16.5	0.0
100	PI/2 BPSK	135	69		15.10		16.5	0.0
100	PI/2 BPSK	135	138		15.04		16.5	0.0
100	PI/2 BPSK	270	0		15.08			
100	QPSK	1	1		15.18		16.5	0.0
100	QPSK	1	137		15.06			
100	QPSK	1	271		15.14			
100	QPSK	135	0		15.10		16.5	0.0
100	QPSK	135	69		15.13			
100	QPSK	135	138		15.04			
100	QPSK	270	0		15.10		16.5	0.0
100	16QAM	1	1		15.05		16.5	0.0
100	64QAM	1	1		15.07		16.5	0.0
100	256QAM	1	1		15.04		16.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	14.87	14.94	14.94	16.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	14.97	14.98	14.88	16.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	14.87	14.91	14.97	16.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	14.92	14.90	14.89	16.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	14.97	14.98	14.91	16.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	14.87	14.98	14.87	16.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	14.93	14.94	14.89	16.5	0.0
	Channel			630334	633332	638332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	14.87	14.93	14.96	16.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	14.97	14.95	14.95	16.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	14.94	14.96	14.98	16.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	14.93	14.95	14.99	16.5	0.0

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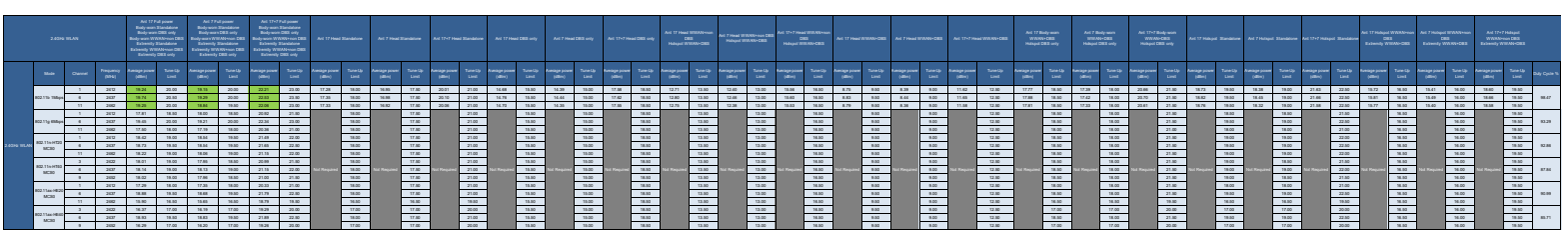
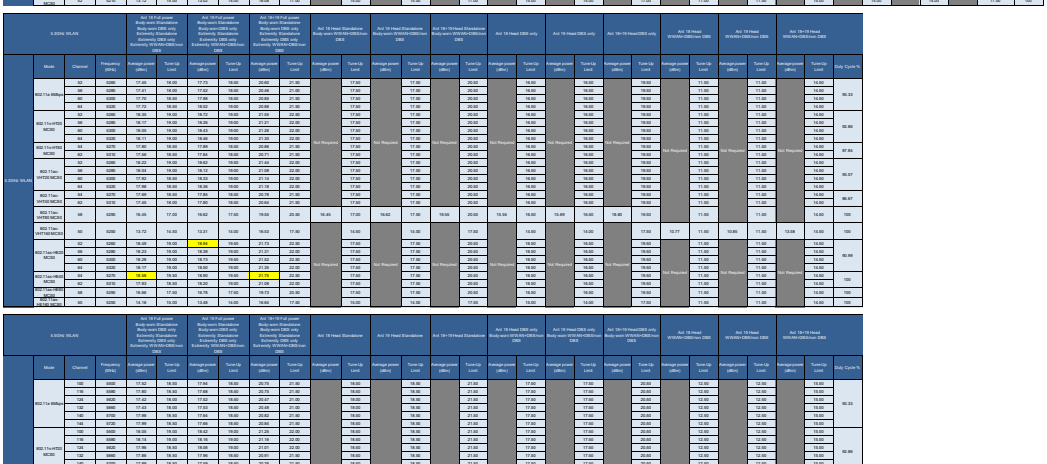
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		18.13		19.5	0.0
100	PI/2 BPSK	1	137		18.07			
100	PI/2 BPSK	1	271		17.99			
100	PI/2 BPSK	135	0		18.10		19.5	0.0
100	PI/2 BPSK	135	69		18.05		19.5	0.0
100	PI/2 BPSK	135	138		17.99		19.5	0.0
100	PI/2 BPSK	270	0		18.09			
100	QPSK	1	1		18.18		19.5	0.0
100	QPSK	1	137		18.04			
100	QPSK	1	271		18.15			
100	QPSK	135	0		18.09		19.5	0.0
100	QPSK	135	69		18.12			
100	QPSK	135	138		17.98			
100	QPSK	270	0		18.13		19.5	0.0
100	16QAM	1	1		18.00		19.5	0.0
100	64QAM	1	1		18.13		19.5	0.0
100	256QAM	1	1		18.01		19.5	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3495	3499.98	3504.99		
90	QPSK	1	1	17.99	18.07	18.03	19.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3490.02	3499.98	3510		
80	QPSK	1	1	18.00	17.98	18.00	19.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3485.01	3499.98	3514.98		
70	QPSK	1	1	18.06	18.02	18.06	19.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3480	3499.98	3519.99		
60	QPSK	1	1	18.07	18.07	17.99	19.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3475.02	3499.98	3525		
50	QPSK	1	1	18.00	17.98	18.02	19.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3470.01	3499.98	3529.98		
40	QPSK	1	1	18.00	18.03	18.06	19.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR (dB)
	Frequency (MHz)			3465	3499.98	3534.99		
30	QPSK	1	1	17.99	18.06	18.04	19.5	0.0
	Channel			630334	633332	638332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3462.51	3499.98	3537.48		
25	QPSK	1	1	18.00	18.06	18.04	19.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR (dB)
	Frequency (MHz)			3460.02	3499.98	3540		
20	QPSK	1	1	18.04	18.05	18.03	19.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR (dB)
	Frequency (MHz)			3457.5	3499.98	3542.49		
15	QPSK	1	1	18.07	18.07	18.06	19.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR (dB)
	Frequency (MHz)			3455.01	3499.98	3544.98		
10	QPSK	1	1	17.99	18.08	18.03	19.5	0.0





2.4GHz WLAN				Ant 7 Full power Body-worn non-SAR/ Body-worn WWW/non-DBS/ Hotspot non-SAR		Ant 7 Head non-SAR		Ant 7 Head WWW/non-SAR		Ant 7 Hotspot WWW/non-SAR		
	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	18.19	20.00	18.38	19.00	11.36	12.00	17.88	19.00	98.47
		6	2437	18.29	20.00	18.45	19.00	17.41	12.00	17.92	19.00	
		11	2462	18.84	19.50	18.32	19.00	11.28	12.00	17.49	19.00	
	802.11g 6Mbps	1	2412	16.00	16.50		16.50		12.00		16.50	83.29
		6	2437	16.21	20.00		16.50		12.00		16.50	
		11	3462	17.19	16.50		16.50		12.00		16.50	
	802.11n-HT20 MCS0	1	2412	16.64	16.50		16.50		12.00		16.50	92.86
		6	2437	16.50	16.50		16.50		12.00		16.50	
		11	3462	16.06	16.50		16.50		12.00		16.50	
	802.11n-HT40 MCS0	3	2422	17.76	18.50		18.50		12.00		18.50	87.84
		6	2437	18.13	19.00	Not Requires	19.00	Not Requires	12.00	Not Requires	19.00	
		9	2452	17.99	18.50		18.50		12.00		18.50	
	802.11ax-HE20 MCS0	1	2412	17.29	18.00		18.00		12.00		18.00	90.99
		6	2437	18.46	19.00		19.00		12.00		19.00	
		11	3462	18.65	19.00		19.00		12.00		19.00	
	802.11ax-HE40 MCS0	3	3422	16.19	17.00		17.00		12.00		17.00	89.71
		6	2437	16.83	18.50		18.50		12.00		18.50	
		9	3462	16.29	17.00		17.00		12.00		17.00	

BT BR/EDR

Mode	Channel	Frequency (MHz)	Ant 17 Full power Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	15.04	11.92	11.97
	CH 39	2441	15.78	12.91	12.93
	CH 78	2480	15.38	12.65	12.68
Tune-up Limit			16.50	13.50	13.50

BT BR/EDR

Mode	Channel	Frequency (MHz)	Ant 17 Head WWAN+non DBS Hotspot WWAN+non DBS Average power (dBm)		
			1Mbps		
BR / EDR	CH 00	2402	10.11		
	CH 39	2441	10.80		
	CH 78	2480	10.45		
Tune-up Limit			11.50		

BLE_1M

Mode	Channel	Frequency (MHz)	Ant 17 Full power Average power (dBm)
LE	CH 00	2402	14.78
	CH 19	2440	15.49
	CH 39	2480	15.23
Tune-up Limit			16.00

BLE_1M

Mode	Channel	Frequency (MHz)	Ant 17 Head WWAN+non DBS Hotspot WWAN+non DBS Average power (dBm)
LE	CH 00	2402	10.40
	CH 19	2440	10.54
	CH 39	2480	10.28
Tune-up Limit			11.50

BLE_2M

Mode	Channel	Frequency (MHz)	Ant 17 Full power Average power (dBm)
LE	CH 01	2404	14.75
	CH 19	2440	15.43
	CH 38	2478	15.19
Tune-up Limit			16.00

BLE_2M

Mode	Channel	Frequency (MHz)	Ant 17 Head WWAN+non DBS Hotspot WWAN+non DBS Average power (dBm)
LE	CH 01	2404	10.63
	CH 19	2440	10.72
	CH 38	2478	10.31
Tune-up Limit			11.50

BLE_125kbps

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	10.34
	CH 19	2440	10.60
	CH 39	2480	10.23
Tune-up Limit			11.50

BLE_500kbps

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	10.22
	CH 19	2440	10.52
	CH 39	2480	10.18
Tune-up Limit			11.00