Full&Default Power

	GSM850 Ant0 Default							
GSM850	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251	(dBm)	128	189	251	(dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.84	32.90	32.87	34.50	23.84	23.90	23.87	25.50
GPRS 1 Tx slot	32.89	32.91	32.81	34.50	23.89	23.91	23.81	25.50
GPRS 2 Tx slots	30.16	30.18	30.17	31.50	24.16	24.18	24.17	25.50
GPRS 3 Tx slots	28.23	28.31	28.22	29.70	23.97	24.05	23.96	25.44
GPRS 4 Tx slots	27.13	27.15	27.08	28.50	24.13	24.15	24.08	25.50
EDGE 1 Tx slot	27.29	27.31	27.28	28.50	18.29	18.31	18.28	19.50
EDGE 2 Tx slots	24.91	24.94	24.91	25.50	18.91	18.94	18.91	19.50
EDGE 3 Tx slots	23.13	23.18	23.16	23.70	18.87	18.92	18.90	19.44
EDGE 4 Tx slots	21.68	21.73	21.72	22.50	18.68	18.73	18.72	19.50

		WCDMA V Ant0 Default				WCDMA IV Ant0 Default			
Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.85	24.84	24.82	25.70	21.94	22.07	22.00	23.80
3GPP Rel 99	RMC 12.2Kbps	24.91	24.95	24.93	25.70	22.02	22.15	22.01	23.80
3GPP Rel 6	HSDPA Subtest-1	23.71	24.01	23.75	24.70	21.11	21.41	21.14	22.80
3GPP Rel 6	HSDPA Subtest-2	23.66	23.86	23.82	24.70	21.05	21.23	21.25	22.80
3GPP Rel 6	HSDPA Subtest-3	23.16	23.27	23.21	24.20	20.57	20.70	20.60	22.30
3GPP Rel 6	HSDPA Subtest-4	23.31	23.25	23.16	24.20	20.69	20.68	20.60	22.30
3GPP Rel 8	DC-HSDPA Subtest-1	23.61	23.69	23.63	24.70	21.01	21.13	21.05	22.80
3GPP Rel 8	DC-HSDPA Subtest-2	23.64	23.85	23.73	24.70	21.03	21.21	21.15	22.80
3GPP Rel 8	DC-HSDPA Subtest-3	23.33	23.36	23.30	24.20	20.73	20.76	20.74	22.30
3GPP Rel 8	DC-HSDPA Subtest-4	23.36	23.25	23.17	24.20	20.74	20.68	20.55	22.30
3GPP Rel 6	HSUPA Subtest-1	23.79	24.00	23.80	24.70	21.19	21.36	21.24	22.80
3GPP Rel 6	HSUPA Subtest-2	21.77	21.76	21.89	22.70	19.19	19.18	19.29	20.80
3GPP Rel 6	HSUPA Subtest-3	22.75	22.90	22.80	23.70	20.16	20.30	20.22	21.80
3GPP Rel 6	HSUPA Subtest-4	21.63	21.94	21.62	22.70	19.04	19.31	19.06	20.80
3GPP Rel 6	HSUPA Subtest-5	23.55	23.88	23.76	24.70	20.99	21.30	21.14	22.80
3GPP Rel 7	HSPA+ (16QAM) Subtest5	21.27	21.32	21.21	22.20	18.63	18.68	18.57	20.30

Band 4 Ant0 Other PA Default

BW [MHz]	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	25.12	25.01	25.7	0
20	QPSK	1	49	24.98	25.09	25.02		
20	QPSK	1	99	24.95	25.02	25		
20	QPSK	50	0	23.91	24.04	23.99	24.7	1
20	QPSK	50	24	23.91	24.03	23.89		
20	QPSK	50	50	23.83	23.93	23.82		
20	QPSK	100	0	23.96	24.05	23.94		
20	16QAM	1	0	23.83	23.94	23.89	24.7	1
20	16QAM	1	49	23.91	24	23.91		
20	16QAM	1	99	23.89	23.99	23.93		
20	16QAM	50	0	22.77	22.85	22.75	23.7	2
20	16QAM	50	24	22.74	22.76	22.71		
20	16QAM	50	50	22.74	22.83	22.81		
20	16QAM	100	0	22.71	22.79	22.74		
20	64QAM	1	0	22.82	22.92	22.88	23.7	2
20	64QAM	1	49	22.72	22.77	22.68		
20	64QAM	1	99	22.74	22.75	22.71		
20	64QAM	50	0	21.77	21.82	21.8	22.7	3
20	64QAM	50	24	21.63	21.71	21.62		
20	64QAM	50	50	21.62	21.73	21.65		
20	64QAM	100	0	21.8	21.82	21.79		
20	256QAM	1	0	19.95	20.03	19.98	20.7	5
20	256QAM	1	49	19.97	20	19.96		
20	256QAM	1	99	19.89	19.96	19.91		
20	256QAM	50	0	19.7	19.81	19.76	20.7	5
20	256QAM	50	24	19.89	19.95	19.91		
20	256QAM	50	50	19.94	19.98	19.97		
20	256QAM	100	0	19.74	19.8	19.77		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.9	25.03	24.96	25.7	0
15	QPSK	1	37	24.94	25.01	24.97		
15	QPSK	1	74	24.9	24.98	24.95		
15	QPSK	36	0	23.85	23.9	23.95	24.7	1
15	QPSK	36	20	23.82	23.9	23.8		
15	QPSK	36	39	23.73	23.91	23.77		
15	QPSK	75	0	23.87	24.02	23.87		
15	16QAM	1	0	23.77	23.86	23.79	24.7	1
15	16QAM	1	37	23.89	23.9	23.87		
15	16QAM	1	74	23.79	23.94	23.84		
15	16QAM	36	0	22.7	22.8	22.67	23.7	2
15	16QAM	36	20	22.64	22.71	22.69		
15	16QAM	36	39	22.67	22.77	22.79		
15	16QAM	75	0	22.66	22.77	22.7		
15	64QAM	1	0	22.8	22.91	22.84	23.7	2
15	64QAM	1	37	22.67	22.76	22.65		
15	64QAM	1	74	22.73	22.65	22.61		
15	64QAM	36	0	21.76	21.73	21.75	22.7	3
15	64QAM	36	20	21.53	21.63	21.51		
15	64QAM	36	39	21.53	21.65	21.62		
15	64QAM	75	0	21.74	21.8	21.68		
15	256QAM	1	0	19.92	19.95	19.93	20.7	5
15	256QAM	1	37	19.87	19.96	19.85		
15	256QAM	1	74	19.79	19.89	19.84		
15	256QAM	36	0	19.66	19.72	19.73	20.7	5
15	256QAM	36	20	19.8	19.94	19.83		
15	256QAM	36	39	19.83	19.93	19.9		
15	256QAM	75	0	19.68	19.72	19.75		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.91	25.05	24.93	25.7	0
10	QPSK	1	25	24.89	25.05	24.99		
10	QPSK	1	49	24.85	24.94	24.98		
10	QPSK	25	0	23.87	23.94	23.95	24.7	1
10	QPSK	25	12	23.84	23.84	23.85		
10	QPSK	25	25	23.74	23.89	23.79		
10	QPSK	50	0	23.88	24	23.86		
10	16QAM	1	0	23.75	23.92	23.84	24.7	1
10	16QAM	1	25	23.9	23.9	23.82		
10	16QAM	1	49	23.85	23.92	23.85		
10	16QAM	25	0	22.76	22.74	22.74	23.7	2
10	16QAM	25	12	22.68	22.74	22.67		
10	16QAM	25	25	22.67	22.82	22.73		
10	16QAM	50	0	22.66	22.77	22.71		
10	64QAM	1	0	22.8	22.88	22.79	23.7	2
10	64QAM	1	25	22.65	22.66	22.61		
10	64QAM	1	49	22.68	22.69	22.69		
10	64QAM	25	0	21.71	21.77	21.76	22.7	3
10	64QAM	25	12	21.52	21.69	21.55		
10	64QAM	25	25	21.59	21.65	21.54		
10	64QAM	50	0	21.76	21.77	21.7		
10	256QAM	1	0	19.93	19.96	19.96	20.7	5
10	256QAM	1	25	19.94	19.98	19.85		
10	256QAM	1	49	19.82	19.85	19.81		
10	256QAM	25	0	19.63	19.79	19.74	20.7	5
10	256QAM	25	12	19.83	19.93	19.86		
10	256QAM	25	25	19.87	19.91	19.87		
10	256QAM	50	0	19.65	19.7	19.66		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.9	25.09	24.97	25.7	0
5	QPSK	1	12	24.93	25.05	24.97		
5	QPSK	1	24	24.88	24.94	24.94		
5	QPSK	12	0	23.87	23.96	23.91	24.7	1
5	QPSK	12	7	23.81	23.85	23.86		
5	QPSK	12	13	23.75	23.87	23.78		
5	QPSK	25	0	23.86	24	23.85		
5	16QAM	1	0	23.74	23.85	23.87	24.7	1
5	16QAM	1	12	23.82	23.97	23.83		
5	16QAM	1	24	23.84	23.94	23.86		
5	16QAM	12	0	22.67	22.8	22.66	23.7	2
5	16QAM	12	7	22.66	22.74	22.63		
5	16QAM	12	13	22.63	22.73	22.73		
5	16QAM	25	0	22.65	22.68	22.67		
5	64QAM	1	0	22.72	22.9	22.82	23.7	2
5	64QAM	1	12	22.64	22.75	22.58		
5	64QAM	1	24	22.66	22.72	22.66		
5	64QAM	12	0	21.67	21.75	21.74	22.7	3
5	64QAM	12	7	21.58	21.69	21.57		
5	64QAM	12	13	21.61	21.64	21.55		
5	64QAM	25	0	21.74	21.77	21.73		
5	256QAM	1	0	19.84	19.99	19.97	20.7	5
5	256QAM	1	12	19.93	19.94	19.94		
5	256QAM	1	24	19.78	19.93	19.85		
5	256QAM	12	0	19.61	19.73	19.66	20.7	5
5	256QAM	12	7	19.85	19.93	19.83		
5	256QAM	12	13	19.84	19.98	19.87		
5	256QAM	25	0	19.64	19.79	19.7		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.97	25.03	24.91	25.7	0
3	QPSK	1	8	24.93	25.05	25		
3	QPSK	1	14	24.88	24.99	24.97		
3	QPSK	8	0	23.83	23.97	23.95	24.7	1
3	QPSK	8	4	23.85	23.87	23.84		
3	QPSK	8	7	23.76	23.82	23.74		
3	QPSK	15	0	23.87	24	23.91		
3	16QAM	1	0	23.82	23.86	23.81	24.7	1
3	16QAM	1	8	23.81	23.9	23.8		
3	16QAM	1	14	23.82	23.97	23.9		
3	16QAM	8	0	22.69	22.77	22.66	23.7	2
3	16QAM	8	4	22.64	22.73	22.69		
3	16QAM	8	7	22.71	22.77	22.78		
3	16QAM	15	0	22.68	22.71	22.73		
3	64QAM	1	0	22.73	22.86	22.86	23.7	2
3	64QAM	1	8	22.7	22.69	22.64		
3	64QAM	1	14	22.67	22.67	22.69		
3	64QAM	8	0	21.7	21.8	21.78	22.7	3
3	64QAM	8	4	21.56	21.65	21.61		
3	64QAM	8	7	21.53	21.63	21.54		
3	64QAM	15	0	21.79	21.72	21.74		
3	256QAM	1	0	19.88	19.96	19.95	20.7	5
3	256QAM	1	8	19.93	19.99	19.92		
3	256QAM	1	14	19.88	19.91	19.87		
3	256QAM	8	0	19.69	19.8	19.7	20.7	5
3	256QAM	8	4	19.82	19.93	19.82		
3	256QAM	8	7	19.89	19.92	19.91		
3	256QAM	15	0	19.64	19.74	19.67		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.95	25.08	24.9	25.7	0
1.4	QPSK	1	3	24.92	25.03	24.96		
1.4	QPSK	1	5	24.93	24.99	24.98		
1.4	QPSK	3	0	24.89	24.97	24.88		
1.4	QPSK	3	1	24.87	24.96	24.91		
1.4	QPSK	3	3	24.92	24.91	24.9		
1.4	QPSK	6	0	23.88	23.96	23.88	24.7	1
1.4	16QAM	1	0	23.76	23.9	23.85	24.7	1
1.4	16QAM	1	3	23.88	23.98	23.89		
1.4	16QAM	1	5	23.8	23.87	23.8		
1.4	16QAM	3	0	23.86	23.91	23.79		
1.4	16QAM	3	1	23.65	23.87	23.81		
1.4	16QAM	3	3	23.81	23.94	23.81		
1.4	16QAM	6	0	22.69	22.72	22.68	23.7	2
1.4	64QAM	1	0	22.79	22.9	22.86	23.7	2
1.4	64QAM	1	3	22.67	22.73	22.67		
1.4	64QAM	1	5	22.7	22.68	22.64		
1.4	64QAM	3	0	22.78	22.86	22.81		
1.4	64QAM	3	1	22.62	22.64	22.6		
1.4	64QAM	3	3	22.68	22.58	22.58		
1.4	64QAM	6	0	21.76	21.78	21.72	22.7	3
1.4	256QAM	1	0	19.92	20.02	19.91	20.7	5
1.4	256QAM	1	3	19.95	19.96	19.87		
1.4	256QAM	1	5	19.85	19.9	19.89		
1.4	256QAM	3	0	19.64	19.74	19.72		
1.4	256QAM	3	1	19.84	19.85	19.87		
1.4	256QAM	3	3	19.87	19.9	19.96		
1.4	256QAM	6	0	19.72	19.75	19.75	20.7	5

Band 5 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.89	24.93	24.9	25.7	0
10	QPSK	1	25	24.87	24.89	24.84		
10	QPSK	1	49	24.77	24.82	24.74		
10	QPSK	25	0	23.67	23.79	23.71	24.7	1
10	QPSK	25	12	23.71	23.78	23.72		
10	QPSK	25	25	23.65	23.72	23.69		
10	QPSK	50	0	23.78	23.84	23.79		
10	16QAM	1	0	24.02	24.07	24.01	24.7	1
10	16QAM	1	25	23.89	23.99	23.9		
10	16QAM	1	49	23.93	23.98	23.9		
10	16QAM	25	0	22.78	22.88	22.79	23.7	2
10	16QAM	25	12	22.75	22.83	22.72		
10	16QAM	25	25	22.77	22.79	22.73		
10	16QAM	50	0	22.77	22.84	22.76		
10	64QAM	1	0	23.02	23.09	23	23.7	2
10	64QAM	1	25	22.76	22.79	22.76		
10	64QAM	1	49	22.81	22.83	22.79		
10	64QAM	25	0	21.9	21.96	21.91	22.7	3
10	64QAM	25	12	21.83	21.94	21.9		
10	64QAM	25	25	21.89	21.93	21.85		
10	64QAM	50	0	21.84	21.89	21.85		
10	256QAM	1	0	19.71	19.81	19.76	20.7	5
10	256QAM	1	25	19.67	19.73	19.7		
10	256QAM	1	49	19.67	19.76	19.74		
10	256QAM	25	0	19.69	19.77	19.69	20.7	5
10	256QAM	25	12	19.7	19.76	19.71		
10	256QAM	25	25	19.67	19.75	19.66		
10	256QAM	50	0	19.71	19.79	19.71		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.79	24.85	24.88	25.7	0
5	QPSK	1	12	24.83	24.83	24.79		
5	QPSK	1	24	24.71	24.77	24.7		
5	QPSK	12	0	23.61	23.67	23.65	24.7	1
5	QPSK	12	7	23.67	23.66	23.64		
5	QPSK	12	13	23.64	23.63	23.65		
5	QPSK	25	0	23.67	23.8	23.74		
5	16QAM	1	0	23.94	24.05	23.97	24.7	1
5	16QAM	1	12	23.85	23.95	23.85		
5	16QAM	1	24	23.91	23.98	23.82		
5	16QAM	12	0	22.7	22.78	22.74	23.7	2
5	16QAM	12	7	22.64	22.77	22.64		
5	16QAM	12	13	22.68	22.69	22.64		
5	16QAM	25	0	22.74	22.78	22.69		
5	64QAM	1	0	22.93	23.02	22.95	23.7	2
5	64QAM	1	12	22.75	22.74	22.7		
5	64QAM	1	24	22.73	22.82	22.76		
5	64QAM	12	0	21.84	21.89	21.89	22.7	3
5	64QAM	12	7	21.73	21.87	21.84		
5	64QAM	12	13	21.87	21.86	21.77		
5	64QAM	25	0	21.75	21.85	21.83		
5	256QAM	1	0	19.66	19.8	19.66	20.7	5
5	256QAM	1	12	19.62	19.68	19.66		
5	256QAM	1	24	19.57	19.65	19.66		
5	256QAM	12	0	19.61	19.72	19.58	20.7	5
5	256QAM	12	7	19.62	19.71	19.63		
5	256QAM	12	13	19.61	19.65	19.56		
5	256QAM	25	0	19.66	19.77	19.63		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.81	24.83	24.83	25.7	0
3	QPSK	1	8	24.8	24.82	24.82		
3	QPSK	1	14	24.68	24.72	24.64		
3	QPSK	8	0	23.63	23.68	23.69	24.7	1
3	QPSK	8	4	23.62	23.7	23.62		
3	QPSK	8	7	23.55	23.66	23.67		
3	QPSK	15	0	23.72	23.74	23.72		
3	16QAM	1	0	23.97	24	23.96	24.7	1
3	16QAM	1	8	23.84	23.92	23.85		
3	16QAM	1	14	23.87	23.87	23.87		
3	16QAM	8	0	22.71	22.81	22.72	23.7	2
3	16QAM	8	4	22.65	22.77	22.69		
3	16QAM	8	7	22.69	22.71	22.65		
3	16QAM	15	0	22.71	22.79	22.69		
3	64QAM	1	0	22.94	23.02	22.93	23.7	2
3	64QAM	1	8	22.67	22.76	22.71		
3	64QAM	1	14	22.75	22.76	22.71		
3	64QAM	8	0	21.88	21.87	21.89	22.7	3
3	64QAM	8	4	21.79	21.91	21.84		
3	64QAM	8	7	21.86	21.89	21.82		
3	64QAM	15	0	21.81	21.86	21.8		
3	256QAM	1	0	19.63	19.74	19.66	20.7	5
3	256QAM	1	8	19.58	19.64	19.67		
3	256QAM	1	14	19.59	19.75	19.7		
3	256QAM	8	0	19.58	19.75	19.58	20.7	5
3	256QAM	8	4	19.66	19.67	19.64		
3	256QAM	8	7	19.6	19.71	19.63		
3	256QAM	15	0	19.69	19.73	19.63		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.75	24.8	24.87	25.7	0
1.4	QPSK	1	3	24.79	24.7	24.62		
1.4	QPSK	1	5	24.62	24.8	24.6		
1.4	QPSK	3	0	24.81	24.84	24.8		
1.4	QPSK	3	1	24.74	24.74	24.65		
1.4	QPSK	3	3	24.61	24.72	24.62		
1.4	QPSK	6	0	23.7	23.73	23.73	24.7	1
1.4	16QAM	1	0	23.99	24.02	23.93	24.7	1
1.4	16QAM	1	3	23.84	23.89	23.89		
1.4	16QAM	1	5	23.87	23.96	23.8		
1.4	16QAM	3	0	23.63	23.71	23.71		
1.4	16QAM	3	1	23.62	23.68	23.67		
1.4	16QAM	3	3	23.66	23.7	23.64		
1.4	16QAM	6	0	22.67	22.75	22.69	23.7	2
1.4	64QAM	1	0	22.94	22.98	22.98	23.7	2
1.4	64QAM	1	3	22.74	22.74	22.7		
1.4	64QAM	1	5	22.75	22.79	22.77		
1.4	64QAM	3	0	22.6	22.71	22.66		
1.4	64QAM	3	1	22.58	22.68	22.66		
1.4	64QAM	3	3	22.62	22.65	22.61		
1.4	64QAM	6	0	21.8	21.81	21.82	22.7	3
1.4	256QAM	1	0	19.65	19.74	19.69	20.7	5
1.4	256QAM	1	3	19.59	19.72	19.61		
1.4	256QAM	1	5	19.62	19.72	19.63		
1.4	256QAM	3	0	19.64	19.75	19.66		
1.4	256QAM	3	1	19.69	19.72	19.62		
1.4	256QAM	3	3	19.62	19.67	19.63		
1.4	256QAM	6	0	19.63	19.71	19.64	20.7	5

Band 7 Ant0 Other PA Default

BW [MHz]	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	25.17	25.04	25.7	0
20	QPSK	1	49	25.06	25.11	25.08		
20	QPSK	1	99	25	25.09	25.04		
20	QPSK	50	0	24.12	24.16	24.04	24.7	1
20	QPSK	50	24	24.05	24.15	24.03		
20	QPSK	50	50	24	24.11	24.04		
20	QPSK	100	0	23.61	23.69	23.63		
20	16QAM	1	0	23.8	23.86	23.75	24.7	1
20	16QAM	1	49	23.71	23.81	23.7		
20	16QAM	1	99	23.74	23.83	23.77		
20	16QAM	50	0	22.7	22.78	22.7	23.7	2
20	16QAM	50	24	22.71	22.76	22.72		
20	16QAM	50	50	22.71	22.76	22.7		
20	16QAM	100	0	22.59	22.69	22.61		
20	64QAM	1	0	22.88	22.95	22.86	23.7	2
20	64QAM	1	49	22.65	22.69	22.6		
20	64QAM	1	99	22.72	22.74	22.69		
20	64QAM	50	0	21.66	21.67	21.58	22.7	3
20	64QAM	50	24	21.55	21.65	21.54		
20	64QAM	50	50	21.53	21.61	21.5		
20	64QAM	100	0	21.7	21.73	21.67		
20	256QAM	1	0	19.83	19.92	19.82	20.7	5
20	256QAM	1	49	19.79	19.82	19.73		
20	256QAM	1	99	19.8	19.9	19.84		
20	256QAM	50	0	19.68	19.72	19.65	20.7	5
20	256QAM	50	24	19.83	19.9	19.88		
20	256QAM	50	50	19.78	19.85	19.79		
20	256QAM	100	0	19.79	19.86	19.77		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.96	25.11	24.97	25.7	0
15	QPSK	1	37	24.96	25.02	24.98		
15	QPSK	1	74	24.91	25.07	24.99		
15	QPSK	36	0	24.06	24.06	24	24.7	1
15	QPSK	36	20	24.03	24	23.94		
15	QPSK	36	39	23.94	24.02	23.93		
15	QPSK	75	0	23.53	23.61	23.56		
15	16QAM	1	0	23.7	23.78	23.66	24.7	1
15	16QAM	1	37	23.65	23.76	23.68		
15	16QAM	1	74	23.64	23.73	23.73		
15	16QAM	36	0	22.61	22.76	22.68	23.7	2
15	16QAM	36	20	22.64	22.66	22.63		
15	16QAM	36	39	22.63	22.74	22.67		
15	16QAM	75	0	22.51	22.6	22.57		
15	64QAM	1	0	22.83	22.91	22.79	23.7	2
15	64QAM	1	37	22.63	22.68	22.58		
15	64QAM	1	74	22.63	22.64	22.68		
15	64QAM	36	0	21.6	21.66	21.48	22.7	3
15	64QAM	36	20	21.47	21.62	21.53		
15	64QAM	36	39	21.48	21.52	21.47		
15	64QAM	75	0	21.64	21.67	21.65		
15	256QAM	1	0	19.78	19.87	19.79	20.7	5
15	256QAM	1	37	19.72	19.72	19.71		
15	256QAM	1	74	19.74	19.83	19.82		
15	256QAM	36	0	19.64	19.67	19.63	20.7	5
15	256QAM	36	20	19.76	19.87	19.84		
15	256QAM	36	39	19.72	19.84	19.77		
15	256QAM	75	0	19.72	19.77	19.74		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	25.02	25.06	25.03	25.7	0
10	QPSK	1	25	24.97	25.03	24.96		
10	QPSK	1	49	24.98	25.08	25.01		
10	QPSK	25	0	24.02	24.11	23.98	24.7	1
10	QPSK	25	12	23.94	24.01	23.95		
10	QPSK	25	25	23.99	24.1	23.95		
10	QPSK	50	0	23.58	23.65	23.56		
10	16QAM	1	0	23.74	23.77	23.69	24.7	1
10	16QAM	1	25	23.69	23.8	23.69		
10	16QAM	1	49	23.66	23.78	23.69		

Band 12 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.77	24.83	24.73	25.7	0
10	QPSK	1	25	24.67	24.77	24.74		
10	QPSK	1	49	24.69	24.8	24.75		
10	QPSK	25	0	23.98	24.05	23.92	24.7	1
10	QPSK	25	12	23.91	24.03	23.88		
10	QPSK	25	25	23.88	23.92	23.89		
10	QPSK	50	0	23.87	23.96	23.95		
10	16QAM	1	0	24.07	24.14	24.13	24.7	1
10	16QAM	1	25	23.87	23.93	23.89		
10	16QAM	1	49	23.92	23.99	23.93		
10	16QAM	25	0	23	23.03	22.98	23.7	2
10	16QAM	25	12	22.96	23	22.93		
10	16QAM	25	25	22.96	23.01	22.99		
10	16QAM	50	0	22.87	22.91	22.82		
10	64QAM	1	0	23.05	23.11	23.07	23.7	2
10	64QAM	1	25	22.93	22.98	22.87		
10	64QAM	1	49	22.9	22.96	22.87		
10	64QAM	25	0	21.91	21.98	21.87	22.7	3
10	64QAM	25	12	21.82	21.89	21.78		
10	64QAM	25	25	21.89	21.93	21.82		
10	64QAM	50	0	21.95	22.02	21.93		
10	256QAM	1	0	19.93	20.01	19.92	20.7	5
10	256QAM	1	25	19.88	19.92	19.88		
10	256QAM	1	49	19.93	19.98	19.87		
10	256QAM	25	0	20.01	20.02	19.97	20.7	5
10	256QAM	25	12	19.88	19.97	19.9		
10	256QAM	25	25	19.91	19.92	19.84		
10	256QAM	50	0	20	20.04	19.95		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.72	24.77	24.62	25.7	0
5	QPSK	1	12	24.63	24.75	24.73		
5	QPSK	1	24	24.6	24.73	24.65		
5	QPSK	12	0	23.98	23.94	23.9	24.7	1
5	QPSK	12	7	23.86	23.89	23.86		
5	QPSK	12	13	23.82	23.82	23.86		
5	QPSK	25	0	23.83	23.95	23.87		
5	16QAM	1	0	23.98	24.1	24.04	24.7	1
5	16QAM	1	12	23.85	23.88	23.85		
5	16QAM	1	24	23.86	23.93	23.9		
5	16QAM	12	0	22.95	22.98	22.91	23.7	2
5	16QAM	12	7	22.91	22.97	22.86		
5	16QAM	12	13	22.87	22.98	22.88		
5	16QAM	25	0	22.84	22.87	22.76		
5	64QAM	1	0	22.98	23.05	23.03	23.7	2
5	64QAM	1	12	22.9	22.9	22.85		
5	64QAM	1	24	22.8	22.95	22.85		
5	64QAM	12	0	21.89	21.93	21.77	22.7	3
5	64QAM	12	7	21.8	21.88	21.72		
5	64QAM	12	13	21.81	21.92	21.8		
5	64QAM	25	0	21.89	21.93	21.85		
5	256QAM	1	0	19.87	19.91	19.85	20.7	5
5	256QAM	1	12	19.85	19.84	19.85		
5	256QAM	1	24	19.91	19.96	19.84		
5	256QAM	12	0	19.95	19.96	19.91	20.7	5
5	256QAM	12	7	19.84	19.88	19.83		
5	256QAM	12	13	19.9	19.87	19.82		
5	256QAM	25	0	19.9	19.97	19.9		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.72	24.79	24.69	25.7	0
3	QPSK	1	8	24.58	24.73	24.72		
3	QPSK	1	14	24.68	24.76	24.73		
3	QPSK	8	0	23.9	23.9	23.88	24.7	1
3	QPSK	8	4	23.83	23.95	23.78		
3	QPSK	8	7	23.83	23.83	23.8		
3	QPSK	15	0	23.79	23.88	23.9		
3	16QAM	1	0	24.02	24.1	24.04	24.7	1
3	16QAM	1	8	23.86	23.85	23.82		
3	16QAM	1	14	23.86	23.91	23.9		
3	16QAM	8	0	22.98	22.96	22.95	23.7	2
3	16QAM	8	4	22.89	22.97	22.83		
3	16QAM	8	7	22.88	22.96	22.9		
3	16QAM	15	0	22.82	22.9	22.81		
3	64QAM	1	0	23.03	23.02	23.01	23.7	2
3	64QAM	1	8	22.82	22.9	22.82		
3	64QAM	1	14	22.86	22.87	22.84		
3	64QAM	8	0	21.82	21.93	21.76	22.7	3
3	64QAM	8	4	21.8	21.8	21.76		
3	64QAM	8	7	21.87	21.83	21.76		
3	64QAM	15	0	21.85	21.99	21.92		
3	256QAM	1	0	19.91	19.93	19.85	20.7	5
3	256QAM	1	8	19.81	19.86	19.77		
3	256QAM	1	14	19.82	19.96	19.81		
3	256QAM	8	0	19.95	20	19.93	20.7	5
3	256QAM	8	4	19.76	19.95	19.86		
3	256QAM	8	7	19.83	19.84	19.82		
3	256QAM	15	0	19.98	19.93	19.85		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.72	24.73	24.69	25.7	0
1.4	QPSK	1	3	24.6	24.67	24.72		
1.4	QPSK	1	5	24.67	24.7	24.68		
1.4	QPSK	3	0	24.62	24.71	24.68		
1.4	QPSK	3	1	24.51	24.6	24.67		
1.4	QPSK	3	3	24.66	24.68	24.62		
1.4	QPSK	6	0	23.6	23.93	23.88	24.7	1
1.4	16QAM	1	0	24.05	24.12	24.11	24.7	1
1.4	16QAM	1	3	23.81	23.87	23.87		
1.4	16QAM	1	5	23.81	23.94	23.9		
1.4	16QAM	3	0	23.76	23.85	23.77		
1.4	16QAM	3	1	23.72	23.82	23.83		
1.4	16QAM	3	3	23.73	23.87	23.8		
1.4	16QAM	6	0	22.83	22.86	22.74	23.7	2
1.4	64QAM	1	0	22.97	23.01	23	23.7	2
1.4	64QAM	1	3	22.92	22.94	22.77		
1.4	64QAM	1	5	22.88	22.89	22.82		
1.4	64QAM	3	0	22.78	22.8	22.67		
1.4	64QAM	3	1	22.8	22.84	22.72		
1.4	64QAM	3	3	22.73	22.76	22.66		
1.4	64QAM	6	0	21.85	22	21.9	22.7	3
1.4	256QAM	1	0	19.91	19.97	19.81	20.7	5
1.4	256QAM	1	3	19.87	19.86	19.85		
1.4	256QAM	1	5	19.87	19.91	19.81		
1.4	256QAM	3	0	19.99	19.95	19.94		
1.4	256QAM	3	1	19.84	19.91	19.84		
1.4	256QAM	3	3	19.84	19.89	19.76		
1.4	256QAM	6	0	19.91	19.98	19.9	20.7	5

Band 17 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.71	24.77	24.69	25.7	0
10	QPSK	1	25	24.73	24.75	24.71		
10	QPSK	1	49	24.68	24.73	24.68		
10	QPSK	25	0	23.66	23.76	23.69	24.7	1
10	QPSK	25	12	23.56	23.75	23.53		
10	QPSK	25	25	23.55	23.63	23.58		
10	QPSK	50	0	23.65	23.71	23.59		
10	16QAM	1	0	23.46	23.56	23.49	24.7	1
10	16QAM	1	25	23.6	23.62	23.58		
10	16QAM	1	49	23.6	23.69	23.62		
10	16QAM	25	0	22.86	22.96	22.93	23.7	2
10	16QAM	25	12	22.88	22.89	22.81		
10	16QAM	25	25	22.83	22.91	22.82		
10	16QAM	50	0	22.82	22.87	22.78		
10	64QAM	1	0	22.96	23.03	22.98	23.7	2
10	64QAM	1	25	22.9	22.91	22.88		
10	64QAM	1	49	22.79	22.89	22.83		
10	64QAM	25	0	21.79	21.85	21.8	22.7	3
10	64QAM	25	12	21.76	21.81	21.77		
10	64QAM	25	25	21.73	21.8	21.77		
10	64QAM	50	0	21.74	21.8	21.74		
10	256QAM	1	0	19.87	19.95	19.84	20.7	5
10	256QAM	1	25	19.82	19.88	19.86		
10	256QAM	1	49	19.81	19.91	19.81		
10	256QAM	25	0	19.66	19.75	19.64	20.7	5
10	256QAM	25	12	19.87	19.9	19.86		
10	256QAM	25	25	19.8	19.89	19.83		
10	256QAM	50	0	19.82	19.85	19.77		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.6	24.67	24.64	25.7	0
5	QPSK	1	12	24.69	24.7	24.61		
5	QPSK	1	24	24.65	24.64	24.6		
5	QPSK	12	0	23.59	23.83	23.63	24.7	1
5	QPSK	12	7	23.53	23.55	23.52		
5	QPSK	12	13	23.5	23.58	23.5		
5	QPSK	25	0	23.8	23.79	23.74		
5	16QAM	1	0	23.36	23.5	23.4	24.7	1
5	16QAM	1	12	23.56	23.57	23.52		
5	16QAM	1	24	23.59	23.62	23.59		
5	16QAM	12	0	22.79	22.91	22.84	23.7	2
5	16QAM	12	7	22.82	22.84	22.7		
5	16QAM	12	13	22.73	22.83	22.76		
5	16QAM	25	0	22.8	22.85	22.69		
5	64QAM	1	0	22.87	22.92	22.88	23.7	2
5	64QAM	1	12	22.82	22.83	22.81		
5	64QAM	1	24	22.73	22.8	22.74		
5	64QAM	12	0	21.71	21.81	21.72	22.7	3
5	64QAM	12	7	21.7	21.71	21.68		
5	64QAM	12	13	21.69	21.71	21.71		
5	64QAM	25	0	21.72	21.78	21.65		
5	256QAM	1	0	19.79	19.91	19.79	20.7	5
5	256QAM	1	12	19.76	19.79	19.77		
5	256QAM	1	24	19.75	19.84	19.72		
5	256QAM	12	0	19.6	19.67	19.55	20.7	5
5	256QAM	12	7	19.83	19.84	19.79		
5	256QAM	12	13	19.76	19.78	19.76		
5	256QAM	25	0	19.71	19.79	19.74		

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	24.66	24.84	24.73	25.7	0
15	QPSK	1	37	24.73	24.8	24.79		
15	QPSK	1	74	24.66	24.76	24.74		
15	QPSK	36	0	23.84	23.91	23.83	24.7	1
15	QPSK	36	20	23.71	23.89	23.72		
15	QPSK	36	39	23.72	23.78	23.73		
15	QPSK	75	0	23.75	23.78	23.72		
15	16QAM	1	0	23.78	23.84	23.76	24.7	1
15	16QAM	1	37	23.8	23.83	23.79		
15	16QAM	1	74	23.65	23.73	23.62		
15	16QAM	36	0	22.81	22.9	22.8	23.7	2
15	16QAM	36	20	22.86	22.88	22.79		
15	16QAM	36	39	22.72	22.79	22.72		
15	16QAM	75	0	22.73	22.77	22.68		
15	64QAM	1	0	22.9	22.97	22.94	23.7	2
15	64QAM	1	37	22.73	22.82	22.71		
15	64QAM	1	74	22.81	22.82	22.77		
15	64QAM	36	0	21.82	21.84	21.79	22.7	3
15	64QAM	36	20	21.68	21.76	21.69		
15	64QAM	36	39	21.79	21.82	21.73		
15	64QAM	75	0	21.75	21.76	21.72		
15	256QAM	1	0	20.15	20.21	20.14	20.7	5
15	256QAM	1	37	20.13	20.15	20.11		
15	256QAM	1	74	20.12	20.19	20.17		
15	256QAM	36	0	19.77	19.81	19.77	20.7	5
15	256QAM	36	20	19.67	19.77	19.72		
15	256QAM	36	39	19.72	19.79	19.74		
15	256QAM	75	0	19.71	19.73	19.64		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.62	24.8	24.69	25.7	0
10	QPSK	1	25	24.64	24.75	24.71		
10	QPSK	1	49	24.58	24.66	24.68		
10	QPSK	25	0	23.82	23.83	23.81	24.7	1
10	QPSK	25	12	23.69	23.78	23.71		
10	QPSK	25	25	23.64	23.68	23.62		
10	QPSK	50	0	23.74	23.7	23.67		
10	16QAM	1	0	23.72	23.76	23.68	24.7	1
10	16QAM	1	25	23.7	23.75	23.73		
10	16QAM	1	49	23.56	23.64	23.59		
10	16QAM	25	0	22.71	22.81	22.73	23.7	2
10	16QAM	25	12	22.84	22.83	22.72		
10	16QAM	25	25	22.67	22.71	22.68		
10	16QAM	50	0	22.7	22.73	22.57		
10	64QAM	1	0	22.87	22.86	22.92	23.7	2
10	64QAM	1	25	22.7	22.76	22.68		
10	64QAM	1	49	22.7	22.78	22.67		
10	64QAM	25	0	21.76	21.83	21.68	22.7	3
10	64QAM	25	12	21.67	21.71	21.67		
10	64QAM	25	25	21.77	21.78	21.67		
10	64QAM	50	0	21.73	21.7	21.65		
10	256QAM	1	0	20.12	20.17	20.05	20.7	5
10	256QAM	1	25	20.02	20.05	20.03		
10	256QAM	1	49	20.09	20.15	20.16		
10	256QAM	25	0	19.69	19.75	19.74	20.7	5
10	256QAM	25	12	19.64	19.72	19.7		
10	256QAM	25	25	19.69	19.71	19.68		
10	256QAM	50	0	19.66	19.63	19.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.58	24.8	24.66	25.7	0
5	QPSK	1	12	24.7	24.77	24.77		
5	QPSK	1	24	24.62	24.74	24.65		
5	QPSK	12	0	23.75	23.84	23.79	24.7	1
5	QPSK	12	7	23.64	23.76	23.66		
5	QPSK	12	13	23.66	23.7	23.62		
5	QPSK	25	0	23.71	23.74	23.69		
5	16QAM	1	0	23.69	23.74	23.66	24.7	1
5	16QAM	1	12	23.73	23.77	23.76		
5	16QAM	1	24	23.58	23.68	23.54		
5	16QAM	12	0	22.76	22.81	22.76	23.7	2
5	16QAM	12	7	22.84	22.79	22.77		
5	16QAM	12	13	22.65	22.76	22.69		
5	16QAM	25	0	22.64	22.76	22.62		
5	64QAM	1	0	22.86	22.88	22.86	23.7	2
5	64QAM	1	12	22.64	22.75	22.61		
5	64QAM	1	24	22.79	22.81	22.71		
5	64QAM	12	0	21.72	21.8	21.77	22.7	3
5	64QAM	12	7	21.61	21.67	21.66		
5	64QAM	12	13	21.73	21.74	21.69		
5	64QAM	25	0	21.67	21.74	21.67		
5	256QAM	1	0	20.11	20.16	20.13	20.7	5
5	256QAM	1	12	20.11	20.11	20.09		
5	256QAM	1	24	20.11	20.14	20.14		
5	256QAM	12	0	19.74	19.71	19.7	20.7	5
5	256QAM	12	7	19.61	19.72	19.63		
5	256QAM	12	13	19.61	19.74	19.71		
5	256QAM	25	0	19.7	19.69	19.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.59	24.75	24.7	25.7	0
3	QPSK	1	8	24.68	24.78	24.69		
3	QPSK	1	14	24.6	24.67	24.67		
3	QPSK	8	0	23.78	23.84	23.79	24.7	1
3	QPSK	8	4	23.62	23.81	23.7		
3	QPSK	8	7	23.63	23.71	23.64		
3	QPSK	15	0	23.74	23.72	23.65		
3	16QAM	1	0	23.74	23.76	23.69	24.7	1
3	16QAM	1	8	23.74	23.72	23.69		
3	16QAM	1	14	23.59	23.71	23.59		
3	16QAM	8	0	22.78	22.8	22.7	23.7	2
3	16QAM	8	4	22.85	22.8	22.75		
3	16QAM	8	7	22.62	22.71	22.64		
3	16QAM	15	0	22.71	22.67	22.62		
3	64QAM	1	0	22.81	22.94	22.89	23.7	2
3	64QAM	1	8	22.71	22.81	22.67		
3	64QAM	1	14	22.72	22.76	22.7		
3	64QAM	8	0	21.75	21.78	21.71	22.7	3
3	64QAM	8	4	21.59	21.71	21.62		
3	64QAM	8	7	21.75	21.71	21.65		
3	64QAM	15	0	21.66	21.67	21.63		
3	256QAM	1	0	20.13	20.18	20.13	20.7	5
3	256QAM	1	8	20.07	20.08	20.04		
3	256QAM	1	14	20.07	20.14	20.09		
3	256QAM	8	0	19.68	19.73	19.67	20.7	5
3	256QAM	8	4	19.66	19.74	19.62		
3	256QAM	8	7	19.67	19.72	19.7		
3	256QAM	15	0	19.67	19.65	19.61		
Channel				26657	26865	27073	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.56	24.81	24.65	25.7	0
1.4	QPSK	1	3	24.69	24.7	24.69		
1.4	QPSK	1	5	24.63	24.67	24.72		
1.4	QPSK	3	0	24.49	24.71	24.58		
1.4	QPSK	3	1	24.62	24.65	24.58		
1.4	QPSK	3	3	24.61	24.64	24.69		
1.4	QPSK	6	0	23.72	23.69	23.63	24.7	1
1.4	16QAM	1	0	23.72	23.79	23.66	24.7	1
1.4	16QAM	1	3	23.77	23.75	23.69		
1.4	16QAM	1	5	23.61	23.63	23.52		
1.4	16QAM	3	0	23.62	23.67	23.57		
1.4	16QAM	3	1	23.67	23.65	23.58		
1.4	16QAM	3	3	23.67	23.58	23.54		
1.4	16QAM	6	0	22.72	22.67	22.67	23.7	2
1.4	64QAM	1	0	22.8	22.89	22.86	23.7	2
1.4	64QAM	1	3	22.64	22.77	22.63		
1.4	64QAM	1	5	22.78	22.79	22.69		
1.4	64QAM	3	0	22.66	22.59	22.64		
1.4	64QAM	3	1	22.75	22.83	22.78		
1.4	64QAM	3	3	22.61	22.74	22.55		
1.4	64QAM	6	0	21.64	21.69	21.65	22.7	3
1.4	256QAM	1	0	20.08	20.17	20.11	20.7	5
1.4	256QAM	1	3	20.04	20.06	20		
1.4	256QAM	1	5	20.02	20.17	20.14		
1.4	256QAM	3	0	19.7	19.74	19.69		
1.4	256QAM	3	1	19.58	19.67	19.62		
1.4	256QAM	3	3	19.67	19.73	19.68		
1.4	256QAM	6	0	19.61	19.69	19.59	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.35	22.51	22.41		
20	QPSK	1	49	22.43	22.48	22.37	24	0
20	QPSK	1	99	22.39	22.43	22.42		
20	QPSK	50	0	21.34	21.55	21.37		
20	QPSK	50	24	21.32	21.51	21.31	23	1
20	QPSK	50	50	21.32	21.4	21.36		
20	QPSK	100	0	21.25	21.3	21.23		
20	16QAM	1	0	21.23	21.3	21.21		
20	16QAM	1	49	21.14	21.24	21.16	23	1
20	16QAM	1	99	21.18	21.25	21.14		
20	16QAM	50	0	20.25	20.35	20.31		
20	16QAM	50	24	20.25	20.3	20.28	22	2
20	16QAM	50	50	20.25	20.3	20.25		
20	16QAM	100	0	20.32	20.36	20.33		
20	64QAM	1	0	20.51	20.58	20.56		
20	64QAM	1	49	20.24	20.31	20.22	22	2
20	64QAM	1	99	20.22	20.33	20.3		
20	64QAM	50	0	19.3	19.34	19.26		
20	64QAM	50	24	19.25	19.28	19.21	21	3
20	64QAM	50	50	19.17	19.25	19.18		
20	64QAM	100	0	19.24	19.31	19.22		
20	256QAM	1	0	17.21	17.25	17.16		
20	256QAM	1	49	17.17	17.22	17.11	19	5
20	256QAM	1	99	17.09	17.17	17.15		
20	256QAM	50	0	17.35	17.36	17.28		
20	256QAM	50	24	17.16	17.22	17.12	19	5
20	256QAM	50	50	17.17	17.23	17.18		
20	256QAM	100	0	17.3	17.4	17.34		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.32	22.47	22.38		
15	QPSK	1	37	22.34	22.43	22.27	24	0
15	QPSK	1	74	22.29	22.34	22.34		
15	QPSK	36	0	21.28	21.34	21.34		
15	QPSK	36	20	21.29	21.31	21.25	23	1
15	QPSK	36	39	21.3	21.3	21.34		
15	QPSK	75	0	21.22	21.22	21.19		
15	16QAM	1	0	21.14	21.28	21.14		
15	16QAM	1	37	21.08	21.23	21.05	23	1
15	16QAM	1	74	21.08	21.23	21.03		
15	16QAM	36	0	20.22	20.26	20.26		
15	16QAM	36	20	20.16	20.22	20.26	22	2
15	16QAM	36	39	20.18	20.2	20.23		
15	16QAM	75	0	20.28	20.29	20.3		
15	64QAM	1	0	20.44	20.57	20.46		
15	64QAM	1	37	20.23	20.3	20.17	22	2
15	64QAM	1	74	20.15	20.28	20.26		
15	64QAM	36	0	19.22	19.29	19.22		
15	64QAM	36	20	19.16	19.18	19.15	21	3
15	64QAM	36	39	19.1	19.21	19.15		
15	64QAM	75	0	19.18	19.24	19.12		
15	256QAM	1	0	17.19	17.19	17.11		
15	256QAM	1	37	17.14	17.17	17.05	19	5
15	256QAM	1	74	17.07	17.1	17.05		
15	256QAM	36	0	17.28	17.27	17.25		
15	256QAM	36	20	17.05	17.14	17.04	19	5
15	256QAM	36	39	17.08	17.13	17.12		
15	256QAM	75	0	17.27	17.39	17.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.3	22.48	22.39		
10	QPSK	1	25	22.34	22.45	22.28	24	0
10	QPSK	1	49	22.31	22.33	22.37		
10	QPSK	25	0	21.24	21.36	21.31		
10	QPSK	25	12	21.27	21.33	21.23	23	1
10	QPSK	25	25	21.31	21.35	21.28		
10	QPSK	50	0	21.2	21.25	21.21		
10	16QAM	1	0	21.22	21.19	21.11		
10	16QAM	1	25	21.06	21.17	21.12	23	1
10	16QAM	1	49	21.09	21.2	21.04		
10	16QAM	25	0	20.17	20.24	20.28		
10	16QAM	25	12	20.23	20.25	20.22	22	2
10	16QAM	25	25	20.15	20.25	20.18		
10	16QAM	50	0	20.26	20.26	20.27		
10	64QAM	1	0	20.41	20.51	20.55		
10	64QAM	1	25	20.15	20.2	20.17	22	2
10	64QAM	1	49	20.11	20.28	20.21		
10	64QAM	25	0	19.2	19.26	19.19		
10	64QAM	25	12	19.23	19.25	19.16	21	3
10	64QAM	25	25	19.13	19.23	19.09		
10	64QAM	50	0	19.16	19.28	19.18		
10	256QAM	1	0	17.13	17.15	17.07		
10	256QAM	1	25	17.06	17.17	17.08	19	5
10	256QAM	1	49	17.05	17.15	17.12		
10	256QAM	25	0	17.29	17.27	17.18		
10	256QAM	25	12	17.13	17.13	17.06	19	5
10	256QAM	25	25	17.11	17.18	17.11		
10	256QAM	50	0	17.29	17.38	17.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.28	22.48	22.37		
5	QPSK	1	12	22.36	22.45	22.35	24	0
5	QPSK	1	24	22.32	22.42	22.39		
5	QPSK	12	0	21.31	21.43	21.32		
5	QPSK	12	7	21.3	21.27	21.25	23	1
5	QPSK	12	13	21.29	21.31	21.29		
5	QPSK	25	0	21.17	21.23	21.21		
5	16QAM	1	0	21.15	21.28	21.12		
5	16QAM	1	12	21.04	21.19	21.06	23	1
5	16QAM	1	24	21.08	21.15	21.06		
5	16QAM	12	0	20.18	20.32	20.22		
5	16QAM	12	7	20.2	20.22	20.23	22	2
5	16QAM	12	13	20.17	20.2	20.16		
5	16QAM	25	0	20.23	20.27	20.25		
5	64QAM	1	0	20.43	20.52	20.53		
5	64QAM	1	12	20.19	20.25	20.2	22	2
5	64QAM	1	24	20.15	20.28	20.21		
5	64QAM	12	0	19.22	19.26	19.22		
5	64QAM	12	7	19.18	19.22	19.19	21	3
5	64QAM	12	13	19.15	19.19	19.12		
5	64QAM	25	0	19.16	19.22	19.18		
5	256QAM	1	0	17.12	17.2	17.1		
5	256QAM	1	12	17.09	17.17	17.06	19	5
5	256QAM	1	24	17.05	17.08	17.12		
5	256QAM	12	0	17.28	17.27	17.18		
5	256QAM	12	7	17.06	17.11	17.04	19	5
5	256QAM	12	13	17.07	17.21	17.14		
5	256QAM	25	0	17.24	17.36	17.31		
Channel				131962	132322	132682	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.27	22.46	22.36		
3	QPSK	1	8	22.38	22.39	22.36	24	0
3	QPSK	1	14	22.29	22.33	22.38		
3	QPSK	8	0	21.29	21.35	21.33		
3	QPSK	8	4	21.29	21.3	21.21	23	1
3	QPSK	8	7	21.21	21.31	21.32		
3	QPSK	15	0	21.18	21.21	21.18		
3	16QAM	1	0	21.16	21.27	21.1		
3	16QAM	1	8	21.12	21.15	21.13	23	1
3	16QAM	1	14	21.11	21.19	21.09		
3	16QAM	8	0	20.17	20.25	20.24		
3	16QAM	8	4	20.16	20.29	20.22	22	2
3	16QAM	8	7	20.22	20.23	20.14		
3	16QAM	15	0	20.27	20.33	20.29		
3	64QAM	1	0	20.47	20.51	20.54		
3	64QAM	1	8	20.14	20.29	20.17	22	2
3	64QAM	1	14	20.19	20.23	20.29		
3	64QAM	8	0	19.26	19.25	19.21		
3	64QAM	8	4	19.14	19.2	19.16	21	3
3	64QAM	8	7	19.07	19.14	19.12		
3	64QAM	15	0	19.2	19.2	19.16		
3	256QAM	1	0	17.13	17.14	17.14		
3	256QAM	1	8	17.11	17.16	17.08	19	5
3	256QAM	1	14	17.05	17.06	17.06		
3	256QAM	8	0	17.31	17.32	17.23		
3	256QAM	8	4	17.07	17.17	17.08	19	5
3	256QAM	8	7	17.1	17.19	17.13		
3	256QAM	15	0	17.22	17.35	17.3		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.24	22.47	22.33		
1.4	QPSK	1	3	22.4	22.44	22.28		
1.4	QPSK	1	5	22.37	22.4	22.35	24	0
1.4	QPSK	3	0	22.16	22.4	22.3		
1.4	QPSK	3	1	22.32	22.41	22.25		
1.4	QPSK	3	3	22.27	22.31	22.32		
1.4	QPSK	6	0	21.2	21.26	21.13	23	1
1.4	16QAM	1	0	21.22	21.23	21.16		
1.4	16QAM	1	3	21.11	21.15	21.14		
1.4	16QAM	1	5	21.08	21.23	21.07	23	1
1.4	16QAM	3	0	21.16	21.19	21.03		
1.4	16QAM	3	1	21.12	21.22	21.13		
1.4	16QAM	3	3	21.06	21.05	21.09		
1.4	16QAM	6	0	20.28	20.33	20.27	22	2
1.4	64QAM	1	0	20.46	20.54	20.5		
1.4	64QAM	1	3	20.13	20.29	20.13		
1.4	64QAM	1	5	20.12	20.24	20.21	22	2
1.4	64QAM	3	0	20.4	20.46	20.43		
1.4	64QAM	3	1	20.1	20.28	20.11		
1.4	64QAM	3	3	20.08	20.16	20.14		
1.4	64QAM	6	0	19.15	19.23	19.16	21	3
1.4	256QAM	1	0	17.14	17.19	17.13		
1.4	256QAM	1	3	17.13	17.11	17.07		
1.4	256QAM	1	5	17.06	17.07	17.1	19	5
1.4	256QAM	3	0	17.25	17.33	17.23		
1.4	256QAM	3	1	17.07	17.19	17.08		
1.4	256QAM	3	3	17.07	17.16	17.11		
1.4	256QAM	6	0	17.21	17.38	17.27	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				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	25.26	25.27	25.18	25.7	0
20	QPSK	1	49	25.15	25.16	25.13		
20	QPSK	1	99	25.11	25.17	25.09		
20	QPSK	50	0	24.38	24.40	24.40	24.7	1
20	QPSK	50	24	24.35	24.48	24.35		
20	QPSK	50	50	24.28	24.35	24.25		
20	QPSK	100	0	24.28	24.37	24.28		
20	16QAM	1	0	24.38	24.41	24.39		
20	16QAM	1	49	24.31	24.41	24.31	24.7	1
20	16QAM	1	99	24.29	24.38	24.32		
20	16QAM	50	0	23.21	23.30	23.24		
20	16QAM	50	24	23.23	23.31	23.24	23.7	2
20	16QAM	50	50	23.19	23.29	23.21		
20	16QAM	100	0	23.27	23.32	23.27		
20	64QAM	1	0	23.38	23.39	23.32		
20	64QAM	1	49	23.28	23.37	23.33	23.7	2
20	64QAM	1	99	23.31	23.38	23.36		
20	64QAM	50	0	22.24	22.26	22.20		
20	64QAM	50	24	22.26	22.28	22.20		
20	64QAM	50	50	22.22	22.25	22.22	22.7	3
20	64QAM	100	0	22.32	22.34	22.30		
20	256QAM	1	0	20.00	20.08	20.00		
20	256QAM	1	49	20.06	20.15	20.07	20.7	5
20	256QAM	1	99	19.95	20.05	19.95		
20	256QAM	50	0	20.10	20.13	20.10		
20	256QAM	50	24	19.98	20.04	19.94	20.7	5
20	256QAM	50	50	20.04	20.08	20.01		
20	256QAM	100	0	19.98	20.06	19.96		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.17	25.17	25.16	25.7	0
15	QPSK	1	37	25.05	25.06	25.02		
15	QPSK	1	74	25.03	25.15	24.99		
15	QPSK	36	0	24.27	24.40	24.29		
15	QPSK	36	20	24.33	24.30	24.33	24.7	1
15	QPSK	36	39	24.23	24.25	24.21		
15	QPSK	75	0	24.19	24.29	24.23		
15	16QAM	1	0	24.27	24.38	24.30		
15	16QAM	1	37	24.28	24.33	24.29	24.7	1
15	16QAM	1	74	24.20	24.34	24.25		
15	16QAM	36	0	23.10	23.23	23.15		
15	16QAM	36	20	23.16	23.29	23.21		
15	16QAM	36	39	23.12	23.27	23.16	23.7	2
15	16QAM	75	0	23.18	23.28	23.17		
15	64QAM	1	0	23.33	23.38	23.25		
15	64QAM	1	37	23.21	23.34	23.27	23.7	2
15	64QAM	1	74	23.23	23.33	23.29		
15	64QAM	36	0	22.14	22.20	22.18		
15	64QAM	36	20	22.21	22.18	22.10	22.7	3
15	64QAM	36	39	22.19	22.15	22.17		
15	64QAM	75	0	22.22	22.29	22.25		
15	256QAM	1	0	19.91	20.01	19.93		
15	256QAM	1	37	20.00	20.05	20.04	20.7	5
15	256QAM	1	74	19.90	19.95	19.94		
15	256QAM	36	0	20.04	20.10	20.03		
15	256QAM	36	20	19.89	20.01	19.92	20.7	5
15	256QAM	36	39	19.95	20.00	19.99		
15	256QAM	75	0	19.92	19.96	19.95		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.18	25.23	25.07	25.7	0
10	QPSK	1	25	25.08	25.14	25.05		
10	QPSK	1	49	25.08	25.13	25.06		
10	QPSK	25	0	24.29	24.36	24.31		
10	QPSK	25	12	24.32	24.28	24.31	24.7	1
10	QPSK	25	25	24.19	24.33	24.21		
10	QPSK	50	0	24.19	24.29	24.25		
10	16QAM	1	0	24.33	24.35	24.35		
10	16QAM	1	25	24.23	24.33	24.28	24.7	1
10	16QAM	1	49	24.24	24.32	24.23		
10	16QAM	25	0	23.15	23.24	23.16		
10	16QAM	25	12	23.18	23.30	23.15	23.7	2
10	16QAM	25	25	23.17	23.27	23.13		
10	16QAM	50	0	23.23	23.26	23.25		
10	64QAM	1	0	23.32	23.35	23.28		
10	64QAM	1	25	23.18	23.33	23.25	23.7	2
10	64QAM	1	49	23.29	23.31	23.34		
10	64QAM	25	0	22.22	22.22	22.12		
10	64QAM	25	12	22.21	22.25	22.17	22.7	3
10	64QAM	25	25	22.18	22.21	22.21		
10	64QAM	50	0	22.31	22.30	22.21		
10	256QAM	1	0	19.95	20.01	19.99		
10	256QAM	1	25	20.05	20.14	20.03	20.7	5
10	256QAM	1	49	19.90	19.99	19.90		
10	256QAM	25	0	20.06	20.07	20.04		
10	256QAM	25	12	19.89	20.02	19.91	20.7	5
10	256QAM	25	25	19.96	20.02	19.93		
10	256QAM	50	0	19.90	19.97	19.89		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	25.23	25.18	25.17	25.7	0
5	QPSK	1	12	25.10	25.15	25.04		
5	QPSK	1	24	25.10	25.09	24.98		
5	QPSK	12	0	24.31	24.36	24.33		
5	QPSK	12	7	24.30	24.34	24.26	24.7	1
5	QPSK	12	13	24.25	24.30	24.19		
5	QPSK	25	0	24.22	24.28	24.26		
5	16QAM	1	0	24.28	24.35	24.36		
5	16QAM	1	12	24.28	24.32	24.22	24.7	1
5	16QAM	1	24	24.22	24.32	24.26		
5	16QAM	12	0	23.12	23.27	23.21		
5	16QAM	12	7	23.17	23.25	23.21	23.7	2
5	16QAM	12	13	23.17	23.20	23.16		
5	16QAM	25	0	23.19	23.29	23.23		
5	64QAM	1	0	23.34	23.33	23.31		
5	64QAM	1	12	23.23	23.27	23.26	23.7	2
5	64QAM	1	24	23.26	23.27	23.27		
5	64QAM	12	0	22.15	22.24	22.12		
5	64QAM	12	7	22.19	22.24	22.12	22.7	3
5	64QAM	12	13	22.12	22.23	22.20		
5	64QAM	25	0	22.25	22.29	22.21		
5	256QAM	1	0	19.91	20.05	19.94		
5	256QAM	1	12	20.01	20.10	20.03	20.7	5
5	256QAM	1	24	19.94	20.04	19.90		
5	256QAM	12	0	20.00	20.11	20.07		
5	256QAM	12	7	19.94	20.02	19.91	20.7	5
5	256QAM	12	13	19.96	19.99	19.91		
5	256QAM	25	0	19.91	19.96	19.88		

Band 41 Ant0 Other PA Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.26	25.18	25.34	25.31	25.29	25.7	0
20	QPSK	1	49	25.22	25.18	25.28	25.22	25.20		
20	QPSK	1	99	25.23	25.25	25.29	25.22	25.19		
20	QPSK	50	0	24.30	24.27	24.39	24.26	24.24	24.7	1
20	QPSK	50	24	24.14	24.19	24.35	24.22	24.14		
20	QPSK	50	50	24.20	24.20	24.24	24.16	24.19		
20	QPSK	100	0	24.18	24.12	24.22	24.14	24.17		
20	16QAM	1	0	24.12	24.10	24.15	24.06	24.06		
20	16QAM	1	49	24.23	24.25	24.29	24.20	24.19	24.7	1
20	16QAM	1	99	24.14	24.11	24.22	24.19	24.12		
20	16QAM	50	0	23.22	23.30	23.32	23.21	23.30	23.7	2
20	16QAM	50	24	23.23	23.15	23.25	23.24	23.18		
20	16QAM	50	50	23.23	23.23	23.25	23.19	23.14		
20	16QAM	100	0	23.27	23.21	23.31	23.27	23.22		
20	64QAM	1	0	23.31	23.27	23.35	23.25	23.32	23.7	2
20	64QAM	1	49	23.19	23.14	23.24	23.17	23.19		
20	64QAM	1	99	23.21	23.17	23.25	23.22	23.14		
20	64QAM	50	0	22.24	22.25	22.33	22.28	22.27	22.7	3
20	64QAM	50	24	22.25	22.19	22.28	22.23	22.22		
20	64QAM	50	50	22.22	22.19	22.30	22.23	22.26		
20	64QAM	100	0	22.29	22.30	22.31	22.30	22.24		
20	256QAM	1	0	20.08	20.18	20.19	20.13	20.16	20.7	5
20	256QAM	1	49	20.02	20.06	20.08	20.07	20.01		
20	256QAM	1	99	20.08	20.08	20.12	20.02	20.08		
20	256QAM	50	0	20.03	20.07	20.12	20.02	20.06		
20	256QAM	50	24	20.07	20.08	20.13	20.11	20.04	20.7	5
20	256QAM	50	50	20.12	20.14	20.18	20.07	20.14		
20	256QAM	100	0	20.11	20.14	20.17	20.09	20.08		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.20	25.15	25.23	25.27	25.24	26	0
15	QPSK	1	37	25.20	25.12	25.22	25.15	25.12		
15	QPSK	1	74	25.16	25.18	25.26	25.16	25.16		
15	QPSK	36	0	24.25	24.23	24.22	24.18	24.17	24.7	1
15	QPSK	36	20	24.13	24.12	24.19	24.14	24.12		
15	QPSK	36	39	24.13	24.16	24.19	24.09	24.10		
15	QPSK	75	0	24.16	24.05	24.20	24.06	24.11		
15	16QAM	1	0	24.01	24.01	24.06	24.02	24.05		
15	16QAM	1	37	24.13	24.18	24.20	24.10	24.15	24.7	1
15	16QAM	1	74	24.06	24.00	24.12	24.13	24.02		
15	16QAM	36	0	23.13	23.25	23.23	23.19	23.26		
15	16QAM	36	20	23.16	23.08	23.21	23.19	23.08	23.7	2
15	16QAM	36	39	23.19	23.22	23.15	23.10	23.12		
15	16QAM	75	0	23.18	23.11	23.29	23.25	23.20		
15	64QAM	1	0	23.26	23.21	23.29	23.22	23.28		
15	64QAM	1	37	23.12	23.08	23.22	23.07	23.15	23.7	2
15	64QAM	1	74	23.17	23.14	23.18	23.19	23.08		
15	64QAM	36	0	22.17	22.16	22.22	22.25	22.22		
15	64QAM	36	20	22.16	22.18	22.21	22.12	22.15	22.7	3
15	64QAM	36	39	22.17	22.11	22.24	22.15	22.18		
15	64QAM	75	0	22.21	22.21	22.26	22.24	22.19		
15	256QAM	1	0	19.99	20.17	20.16	20.12	20.12	20.7	5
15	256QAM	1	37	19.92	20.02	19.99	20.02	19.98		
15	256QAM	1	74	20.06	20.00	20.06	20.00	20.07		
15	256QAM	36	0	20.01	20.02	20.09	19.97	20.01		
15	256QAM	36	20	20.02	20.05	20.07	20.04	19.98	20.7	5
15	256QAM	36	39	20.05	20.04	20.13	20.05	20.07		
15	256QAM	75	0	20.08	20.11	20.10	20.03	20.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.18	25.09	25.24	25.29	25.23	26	0
10	QPSK	1	25	25.15	25.11	25.24	25.17	25.10		
10	QPSK	1	49	25.18	25.22	25.20	25.19	25.15		
10	QPSK	25	0	24.22	24.22	24.24	24.17	24.16	24.7	1
10	QPSK	25	12	24.09	24.14	24.13	24.11	24.11		
10	QPSK	25	25	24.15	24.12	24.15	24.07	24.12		
10	QPSK	50	0	24.07	24.08	24.12	24.07	24.11		
10	16QAM	1	0	24.10	24.07	24.07	23.95	24.00		
10	16QAM	1	25	24.20	24.16	24.26	24.11	24.14	24.7	1
10	16QAM	1	49	24.08	24.02	24.19	24.14	24.06		
10	16QAM	25	0	23.17	23.25	23.26	23.13	23.24	23.7	2
10	16QAM	25	12	23.18	23.13	23.24	23.16	23.15		
10	16QAM	25	25	23.21	23.18	23.18	23.10	23.05		
10	16QAM	50	0	23.19	23.17	23.21	23.25	23.19		
10	64QAM	1	0	23.22	23.26	23.29	23.15	23.30		
10	64QAM	1	25	23.10	23.06	23.18	23.10	23.13	23.7	2
10	64QAM	1	49	23.16	23.13	23.15	23.15	23.11		
10	64QAM	25	0	22.22	22.22	22.24	22.26	22.21		
10	64QAM	25	12	22.20	22.08	22.24	22.19	22.18	22.7	3
10	64QAM	25	25	22.17	22.14	22.25	22.19	22.24		
10	64QAM	50	0	22.26	22.24	22.29	22.25	22.16		
10	256QAM	1	0	20.00	20.14	20.17	20.08	20.08	20.7	5
10	256QAM	1	25	19.96	19.99	20.02	20.03	19.91		
10	256QAM	1	49	20.02	20.03	20.02	19.95	20.03		
10	256QAM	25	0	19.95	20.04	20.01	19.92	19.98		
10	256QAM	25	12	19.96	20.03	20.00	20.01	19.98	20.7	5
10	256QAM	25	25	20.03	20.09	20.11	20.01	20.07		
10	256QAM	50	0	20.02	20.12	20.11	20.02	20.05		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.25	25.11	25.30	25.23	25.20	26	0
5	QPSK	1	12	25.11	25.12	25.25	25.17	25.16		
5	QPSK	1	24	25.18	25.21	25.27	25.13	25.16		
5	QPSK	12	0	24.25	24.20	24.22	24.17	24.22	24.7	1
5	QPSK	12	7	24.04	24.18	24.16	24.14	24.08		
5	QPSK	12	13	24.19	24.15	24.13	24.13	24.16		
5	QPSK	25	0	24.13	24.09	24.20	24.08	24.08		
5	16QAM	1	0	24.09	24.08	24.07	24.01	24.01		
5	16QAM	1	12	24.14	24.15	24.26	24.14	24.16	24.7	1
5	16QAM	1	24	24.09	24.01	24.12	24.14	24.02		
5	16QAM	12	0	23.14	23.24	23.29	23.14	23.26	23.7	2
5	16QAM	12	7	23.20	23.05	23.19	23.20	23.12		
5	16QAM	12	13	23.17	23.14	23.18	23.11	23.06		
5	16QAM	25	0	23.17	23.19	23.29	23.26	23.16		
5	64QAM	1	0	23.24	23.20	23.31	23.22	23.22		
5	64QAM	1	12	23.17	23.06	23.23	23.13	23.15	23.7	2
5	64QAM	1	24	23.14	23.07	23.19	23.21	23.05		
5	64QAM	12	0	22.20	22.20	22.31	22.17	22.19	22.7	3
5	64QAM	12	7	22.17	22.10	22.21	22.19	22.15		
5	64QAM	12	13	22.21	22.13	22.20	22.19	22.19		
5	64QAM	25	0	22.18	22.24	22.29	22.22	22.20		
5	256QAM	1	0	20.05	20.16	20.09	20.06	20.10	20.7	5
5	256QAM	1	12	19.92	20.00	20.06	20.00	19.91		
5	256QAM	1	24	20.02	20.03	20.09	19.99	20.06		
5	256QAM	12	0	20.00	19.98	20.09	19.98	19.96		
5	256QAM	12	7	20.02	19.99	20.10	20.04	19.99	20.7	5
5	256QAM	12	13	20.10	20.07	20.15	19.97	20.11		
5	256QAM	25	0	20.06	20.08	20.14	20.07	20.03		

GSM850 Ant1 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251	(dBm)	128	189	251	(dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.69	32.76	32.71	34.00	23.69	23.76	23.71	25.00
GPRS 1 Tx slot	32.55	32.79	32.61	34.00	23.55	23.79	23.61	25.00
GPRS 2 Tx slots	29.87	29.96	29.87	31.00	23.87	23.96	23.87	25.00
GPRS 3 Tx slots	28.00	28.08	28.07	29.20	23.74	23.82	23.81	24.94
GPRS 4 Tx slots	26.75	26.86	26.81	28.00	23.75	23.86	23.81	25.00
EDGE 1 Tx slot	27.37	27.39	27.35	28.00	18.37	18.39	18.35	19.00
EDGE 2 Tx slots	24.40	24.49	24.44	25.00	18.40	18.49	18.44	19.00
EDGE 3 Tx slots	22.77	22.79	22.77	23.20	18.51	18.53	18.51	18.94
EDGE 4 Tx slots	21.76	21.81	21.76	22.00	18.76	18.81	18.76	19.00

WCDMA V Ant1 Default

Band		WCDMA V			Tune-up Limit
TX Channel		4132	4182	4233	(dBm)
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.17	24.32	24.28	25.50
3GPP Rel 99	RMC 12.2Kbps	24.26	24.37	24.33	25.50
3GPP Rel 6	HSDPA Subtest-1	23.07	23.44	23.09	24.50
3GPP Rel 6	HSDPA Subtest-2	23.03	23.23	23.23	24.50
3GPP Rel 6	HSDPA Subtest-3	22.58	22.79	22.59	24.00
3GPP Rel 6	HSDPA Subtest-4	22.69	22.82	22.82	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.08	23.11	23.05	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.94	23.27	23.17	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.76	22.70	22.80	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.72	22.66	22.56	24.00
3GPP Rel 6	HSUPA Subtest-1	23.18	23.33	23.23	24.50
3GPP Rel 6	HSUPA Subtest-2	21.16	21.19	21.35	22.50
3GPP Rel 6	HSUPA Subtest-3	22.14	22.23	22.25	23.50
3GPP Rel 6	HSUPA Subtest-4	20.95	21.25	20.99	22.50
3GPP Rel 6	HSUPA Subtest-5	23.01	23.26	23.18	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.64	20.64	20.47	22.00

WCDMA IV Ant1 Default

Band		WCDMA IV			Tune-up Limit
TX Channel		1312	1413	1513	(dBm)
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.25	21.26	21.14	23.00
3GPP Rel 99	RMC 12.2Kbps	21.31	21.35	21.23	23.00
3GPP Rel 6	HSDPA Subtest-1	20.03	20.40	20.15	22.00
3GPP Rel 6	HSDPA Subtest-2	20.21	20.29	20.20	22.00
3GPP Rel 6	HSDPA Subtest-3	19.56	19.75	19.68	21.50
3GPP Rel 6	HSDPA Subtest-4	19.76	19.65	19.61	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.05	20.05	20.08	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.01	20.22	20.21	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.78	19.74	19.77	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.79	19.66	19.59	21.50
3GPP Rel 6	HSUPA Subtest-1	20.11	20.31	20.17	22.00
3GPP Rel 6	HSUPA Subtest-2	18.22	18.18	18.27	20.00
3GPP Rel 6	HSUPA Subtest-3	19.16	19.33	19.26	21.00
3GPP Rel 6	HSUPA Subtest-4	18.01	18.23	18.03	20.00
3GPP Rel 6	HSUPA Subtest-5	20.05	20.33	20.21	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.67	17.60	17.54	19.50

Band 4 Ant1 Other PA Default

BW [MHz]	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	24.73	24.85	24.70		
20	QPSK	1	49	24.82	24.83	24.80	25.7	0
20	QPSK	1	99	24.76	24.81	24.74		
20	QPSK	50	0	23.84	23.96	23.88		
20	QPSK	50	24	23.84	23.95	23.87	24.7	1
20	QPSK	50	50	23.81	23.86	23.75		
20	QPSK	100	0	23.94	23.98	23.89		
20	16QAM	1	0	24.11	24.20	24.13		
20	16QAM	1	49	23.77	23.83	23.81	24.7	1
20	16QAM	1	99	23.83	23.85	23.80		
20	16QAM	50	0	22.86	22.92	22.84		
20	16QAM	50	24	22.85	22.86	22.79	23.7	2
20	16QAM	50	50	22.76	22.85	22.78		
20	16QAM	100	0	23.05	23.07	23.04		
20	64QAM	1	0	23.01	23.07	22.99		
20	64QAM	1	49	22.76	22.84	22.75	23.7	2
20	64QAM	1	99	22.79	22.83	22.81		
20	64QAM	50	0	21.80	21.91	21.84		
20	64QAM	50	24	21.74	21.82	21.72	22.7	3
20	64QAM	50	50	21.76	21.86	21.81		
20	64QAM	100	0	21.90	22.01	21.95		
20	256QAM	1	0	19.92	19.98	19.87		
20	256QAM	1	49	19.88	19.91	19.81	20.7	5
20	256QAM	1	99	19.85	19.93	19.90		
20	256QAM	50	0	19.95	19.97	19.86		
20	256QAM	50	24	19.90	19.91	19.85	20.7	5
20	256QAM	50	50	19.84	19.89	19.78		
20	256QAM	100	0	19.91	19.94	19.87		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.70	24.83	24.63		
15	QPSK	1	37	24.76	24.74	24.73	25.7	0
15	QPSK	1	74	24.70	24.75	24.66		
15	QPSK	36	0	23.82	23.82	23.83		
15	QPSK	36	20	23.79	23.82	23.78	24.7	1
15	QPSK	36	39	23.79	23.85	23.65		
15	QPSK	75	0	23.89	23.90	23.86		
15	16QAM	1	0	24.03	24.18	24.10		
15	16QAM	1	37	23.72	23.80	23.71	24.7	1
15	16QAM	1	74	23.77	23.74	23.78		
15	16QAM	36	0	22.77	22.88	22.78		
15	16QAM	36	20	22.79	22.82	22.73	23.7	2
15	16QAM	36	39	22.68	22.74	22.72		
15	16QAM	75	0	22.96	23.04	22.97		
15	64QAM	1	0	22.97	22.99	22.90		
15	64QAM	1	37	22.72	22.81	22.73	23.7	2
15	64QAM	1	74	22.72	22.81	22.75		
15	64QAM	36	0	21.76	21.80	21.81		
15	64QAM	36	20	21.64	21.74	21.68	22.7	3
15	64QAM	36	39	21.68	21.81	21.73		
15	64QAM	75	0	21.84	21.95	21.91		
15	256QAM	1	0	19.89	19.91	19.80		
15	256QAM	1	37	19.81	19.88	19.74	20.7	5
15	256QAM	1	74	19.84	19.85	19.82		
15	256QAM	36	0	19.84	19.95	19.78		
15	256QAM	36	20	19.80	19.81	19.79	20.7	5
15	256QAM	36	39	19.79	19.80	19.74		
15	256QAM	75	0	19.86	19.87	19.83		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.62	24.74	24.63		
10	QPSK	1	25	24.76	24.72	24.70	25.7	0
10	QPSK	1	49	24.73	24.73	24.64		
10	QPSK	25	0	23.76	23.89	23.83		
10	QPSK	25	12	23.74	23.79	23.84	24.7	1
10	QPSK	25	25	23.75	23.81	23.64		
10	QPSK	50	0	23.88	23.90	23.80		
10	16QAM	1	0	24.02	24.19	24.03		
10	16QAM	1	25	23.67	23.80	23.72	24.7	1
10	16QAM	1	49	23.74	23.78	23.75		
10	16QAM	25	0	22.84	22.90	22.82		
10	16QAM	25	12	22.83	22.79	22.76	23.7	2
10	16QAM	25	25	22.68	22.79	22.67		
10	16QAM	50	0	22.99	22.97	22.99		
10	64QAM	1	0	22.92	22.96	22.96		
10	64QAM	1	25	22.75	22.83	22.69	23.7	2
10	64QAM	1	49	22.73	22.74	22.77		
10	64QAM	25	0	21.71	21.83	21.77		
10	64QAM	25	12	21.64	21.76	21.68	22.7	3
10	64QAM	25	25	21.67	21.75	21.78		
10	64QAM	50	0	21.80	21.98	21.91		
10	256QAM	1	0	19.85	19.88	19.77		
10	256QAM	1	25	19.83	19.87	19.78	20.7	5
10	256QAM	1	49	19.79	19.91	19.80		
10	256QAM	25	0	19.93	19.96	19.83		
10	256QAM	25	12	19.83	19.87	19.76	20.7	5
10	256QAM	25	25	19.81	19.80	19.73		
10	256QAM	50	0	19.84	19.89	19.78		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.68	24.83	24.61		
5	QPSK	1	12	24.79	24.79	24.78	25.7	0
5	QPSK	1	24	24.73	24.77	24.64		
5	QPSK	12	0	23.81	23.89	23.82		
5	QPSK	12	7	23.81	23.83	23.79	24.7	1
5	QPSK	12	13	23.79	23.83	23.66		
5	QPSK	25	0	23.88	23.92	23.85		
5	16QAM	1	0	24.02	24.13	24.04		
5	16QAM	1	12	23.75	23.77	23.79	24.7	1
5	16QAM	1	24	23.80	23.76	23.75		
5	16QAM	12	0	22.78	22.87	22.81		
5	16QAM	12	7	22.82	22.77	22.70	23.7	2
5	16QAM	12	13	22.69	22.83	22.68		
5	16QAM	25	0	22.99	23.01	22.94		
5	64QAM	1	0	22.99	23.04	22.94		
5	64QAM	1	12	22.72	22.80	22.70	23.7	2
5	64QAM	1	24	22.71	22.78	22.70		
5	64QAM	12	0	21.79	21.90	21.77		
5	64QAM	12	7	21.70	21.75	21.83	22.7	3
5	64QAM	12	13	21.70	21.62	21.76		
5	64QAM	25	0	21.80	21.97	21.91		
5	256QAM	1	0	19.89	19.96	19.76		
5	256QAM	1	12	19.78	19.88	19.75	20.7	5
5	256QAM	1	24	19.79	19.89	19.81		
5	256QAM	12	0	19.85	19.87	19.83		
5	256QAM	12	7	19.88	19.88	19.76	20.7	5
5	256QAM	12	13	19.78	19.87	19.70		
5	256QAM	25	0	19.85	19.89	19.83		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.63	24.81	24.64		
3	QPSK	1	8	24.72	24.81	24.77	25.7	0
3	QPSK	1	14	24.73	24.71	24.70		
3	QPSK	8	0	23.76	23.84	23.85		
3	QPSK	8	4	23.82	23.85	23.83	24.7	1
3	QPSK	8	7	23.77	23.79	23.65		
3	QPSK	15	0	23.93	23.90	23.79		
3	16QAM	1	0	24.08	24.10	24.12		
3	16QAM	1	8	23.67	23.80	23.79	24.7	1
3	16QAM	1	14	23.75	23.82	23.71		
3	16QAM	8	0	22.80	22.88	22.79		
3	16QAM	8	4	22.82	22.76	22.70	23.7	2
3	16QAM	8	7	22.74	22.75	22.68		
3	16QAM	15	0	22.96	22.99	23.01		
3	64QAM	1	0	22.92	22.97	22.97		
3	64QAM	1	8	22.74	22.82	22.66	23.7	2
3	64QAM	1	14	22.70	22.80	22.79		
3	64QAM	8	0	21.78	21.83	21.74		
3	64QAM	8	4	21.66	21.74	21.66	22.7	3
3	64QAM	8	7	21.73	21.75	21.77		
3	64QAM	15	0	21.83	21.92	21.89		
3	256QAM	1	0	19.83	19.93	19.78		
3	256QAM	1	8	19.80	19.82	19.80	20.7	5
3	256QAM	1	14	19.83	19.89	19.85		
3	256QAM	8	0	19.86	19.90	19.79		
3	256QAM	8	4	19.84	19.86	19.78	20.7	5
3	256QAM	8	7	19.78	19.79	19.77		
3	256QAM	15	0	19.85	19.88	19.83		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.64	24.78	24.64		
1.4	QPSK	1	3	24.80	24.81	24.75		
1.4	QPSK	1	5	24.67	24.79	24.71	25.7	0
1.4	QPSK	3	0	24.58	24.75	24.60		
1.4	QPSK	3	1	24.70	24.75	24.69		
1.4	QPSK	3	3	24.56	24.74	24.66		
1.4	QPSK	6	0	23.87	23.96	23.85	24.7	1
1.4	16QAM	1	0	24.06	24.19	24.07		
1.4	16QAM	1	3	23.68	23.76	23.78		
1.4	16QAM	1	5	23.74	23.77	23.76	24.7	1
1.4	16QAM	3	0	23.75	23.77	23.63		
1.4	16QAM	3	1	23.84	23.85	23.76		
1.4	16QAM	3	3	23.98	24.14	23.98		
1.4	16QAM	6	0	23.02	22.97	23.01	23.7	2
1.4	64QAM	1	0	22.96	23.02	22.91		
1.4	64QAM	1	3	22.65	22.82	22.74		
1.4	64QAM	1	5	22.71	22.82	22.70	23.7	2
1.4	64QAM	3	0	22.72	22.82	22.76		
1.4	64QAM	3	1	22.77	22.72	22.70		
1.4	64QAM	3	3	22.58	22.71	22.66		
1.4	64QAM	6	0	21.88	21.98	21.92	22.7	3
1.4	256QAM	1	0	19.84	19.87	19.76		
1.4	256QAM	1	3	19.84	19.83	19.71		
1.4	256QAM	1	5	19.82	19.90	19.85	20.7	5
1.4	256QAM	3	0	19.89	19.88	19.80		
1.4	256QAM	3	1	19.80	19.89	19.78		
1.4	256QAM	3	3	19.74	19.79	19.73		
1.4	256QAM	6	0	19.85	19.91	19.81	20.7	5

Band 5 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.47	24.57	24.52		
10	QPSK	1	25	24.40	24.46	24.45	25.5	0
10	QPSK	1	49	24.44	24.48	24.41		
10	QPSK	25	0	23.54	23.57	23.47		
10	QPSK	25	12	23.42	23.51	23.45	24.5	1
10	QPSK	25	25	23.43	23.50	23.44		
10	QPSK	50	0	23.48	23.50	23.48		
10	16QAM	1	0	23.46	23.51	23.43		
10	16QAM	1	25	23.32	23.42	23.39	24.5	1
10	16QAM	1	49	23.33	23.42	23.35		
10	16QAM	25	0	22.48	22.52	22.47		
10	16QAM	25	12	22.43	22.50	22.41	23.5	2
10	16QAM	25	25	22.31	22.41	22.37		
10	16QAM	50	0	22.38	22.44	22.36		
10	64QAM	1	0	22.50	22.51	22.47		
10	64QAM	1	25	22.40	22.44	22.38	23.5	2
10	64QAM	1	49	22.33	22.43	22.35		
10	64QAM	25	0	21.47	21.48	21.41		
10	64QAM	25	12	21.36	21.40	21.33	22.5	3
10	64QAM	25	25	21.37	21.44	21.40		
10	64QAM	50	0	21.48	21.50	21.45		
10	256QAM	1	0	19.62	19.67	19.63		
10	256QAM	1	25	19.56	19.60	19.50	20.5	5
10	256QAM	1	49	19.52	19.60	19.55		
10	256QAM	25	0	19.45	19.51	19.45		
10	256QAM	25	12	19.55	19.61	19.52	20.5	5
10	256QAM	25	25	19.61	19.64	19.61		
10	256QAM	50	0	19.49	19.57	19.55		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.45	24.53	24.43		
5	QPSK	1	12	24.29	24.43	24.36	25.5	0
5	QPSK	1	24	24.36	24.46	24.32		
5	QPSK	12	0	23.45	23.51	23.38		
5	QPSK	12	7	23.31	23.41	23.43	24.5	1
5	QPSK	12	13	23.36	23.48	23.39		
5	QPSK	25	0	23.44	23.45	23.45		
5	16QAM	1	0	23.41	23.40	23.42		
5	16QAM	1	12	23.29	23.31	23.37	24.5	1
5	16QAM	1	24	23.24	23.36	23.25		
5	16QAM	12	0	22.46	22.49	22.45		
5	16QAM	12	7	22.40	22.45	22.35	23.5	2
5	16QAM	12	13	22.24	22.33	22.34		
5	16QAM	25	0	22.32	22.36	22.25		
5	64QAM	1	0	22.47	22.41	22.40		
5	64QAM	1	12	22.37	22.42	22.35	23.5	2
5	64QAM	1	24	22.30	22.35	22.31		
5	64QAM	12	0	21.36	21.38	21.34		
5	64QAM	12	7	21.25	21.30	21.31	22.5	3
5	64QAM	12	13	21.26	21.33	21.34		
5	64QAM	25	0	21.44	21.44	21.38		
5	256QAM	1	0	19.59	19.59	19.54		
5	256QAM	1	12	19.45	19.58	19.49	20.5	5
5	256QAM	1	24	19.50	19.59	19.54		
5	256QAM	12	0	19.41	19.47	19.37		
5	256QAM	12	7	19.47	19.51	19.43	20.5	5
5	256QAM	12	13	19.51	19.55	19.52		
5	256QAM	25	0	19.43	19.51	19.52		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.38	24.48	24.49		
3	QPSK	1	8	24.35	24.39	24.44	25.5	0
3	QPSK	1	14	24.41	24.44	24.34		
3	QPSK	8	0	23.43	23.54	23.38		
3	QPSK	8	4	23.38	23.39	23.41	24.5	1
3	QPSK	8	7	23.34	23.45	23.43		
3	QPSK	15	0	23.40	23.47	23.40		
3	16QAM	1	0	23.42	23.41	23.42		
3	16QAM	1	8	23.29	23.35	23.38	24.5	1
3	16QAM	1	14	23.24	23.36	23.29		
3	16QAM	8	0	22.46	22.51	22.45		
3	16QAM	8	4	22.41	22.41	22.34	23.5	2
3	16QAM	8	7	22.23	22.32	22.35		
3	16QAM	15	0	22.38	22.39	22.26		
3	64QAM	1	0	22.46	22.49	22.38		
3	64QAM	1	8	22.34	22.34	22.35	23.5	2
3	64QAM	1	14	22.26	22.40	22.25		
3	64QAM	8	0	21.43	21.38	21.38		
3	64QAM	8	4	21.28	21.34	21.31	22.5	3
3	64QAM	8	7	21.36	21.34	21.37		
3	64QAM	15	0	21.40	21.48	21.35		
3	256QAM	1	0	19.61	19.65	19.53		
3	256QAM	1	8	19.55	19.51	19.45	20.5	5
3	256QAM	1	14	19.48	19.56	19.53		
3	256QAM	8	0	19.36	19.42	19.38		
3	256QAM	8	4	19.54	19.58	19.45	20.5	5
3	256QAM	8	7	19.51	19.55	19.59		
3	256QAM	15	0	19.43	19.49	19.49		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.37	24.50	24.42		
1.4	QPSK	1	3	24.32	24.38	24.36		
1.4	QPSK	1	5	24.38	24.46	24.32	25.5	0
1.4	QPSK	3	0	24.35	24.41	24.37		
1.4	QPSK	3	1	24.22	24.35	24.34		
1.4	QPSK	3	3	24.29	24.40	24.29		
1.4	QPSK	6	0	23.45	23.47	23.45	24.5	1
1.4	16QAM	1	0	23.40	23.40	23.34		
1.4	16QAM	1	3	23.22	23.35	23.32		
1.4	16QAM	1	5	23.30	23.31	23.24	24.5	1
1.4	16QAM	3	0	23.30	23.31	23.39		
1.4	16QAM	3	1	23.16	23.30	23.23		
1.4	16QAM	3	3	23.24	23.23	23.22		
1.4	16QAM	6	0	22.32	22.40	22.31	23.5	2
1.4	64QAM	1	0	22.47	22.40	22.37		
1.4	64QAM	1	3	22.36	22.41	22.36		
1.4	64QAM	1	5	22.22	22.36	22.25	23.5	2
1.4	64QAM	3	0	22.38	22.46	22.34		
1.4	64QAM	3	1	22.27	22.30	22.26		
1.4	64QAM	3	3	22.13	22.26	22.23		
1.4	64QAM	6	0	21.37	21.48	21.37	22.5	3
1.4	256QAM	1	0	19.53	19.60	19.61		
1.4	256QAM	1	3	19.45	19.58	19.39		
1.4	256QAM	1	5	19.46	19.54	19.51	20.5	5
1.4	256QAM	3	0	19.36	19.40	19.41		
1.4	256QAM	3	1	19.52	19.57	19.47		
1.4	256QAM	3	3	19.53	19.58	19.57		
1.4	256QAM	6	0	19.43	19.48	19.49	20.5	5

Band 7 Ant1 Other PA Default

BW [MHz]	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	24.97	25.09	24.99		
20	QPSK	1	49	24.92	24.98	24.88	25.7	0
20	QPSK	1	99	24.94	24.99	24.89		
20	QPSK	50	0	23.76	23.81	23.73		
20	QPSK	50	24	23.61	23.75	23.62	24.7	1
20	QPSK	50	50	23.60	23.70	23.60		
20	QPSK	100	0	23.75	23.85	23.84		
20	16QAM	1	0	23.96	24.01	23.94		
20	16QAM	1	49	23.83	23.92	23.82	24.7	1
20	16QAM	1	99	23.90	23.98	23.94		
20	16QAM	50	0	22.96	23.00	22.93		
20	16QAM	50	24	22.96	22.98	22.89	23.7	2
20	16QAM	50	50	22.85	22.94	22.85		
20	16QAM	100	0	22.82	22.87	22.83		
20	64QAM	1	0	23.10	23.17	23.07		
20	64QAM	1	49	23.05	23.09	23.04	23.7	2
20	64QAM	1	99	23.13	23.15	23.10		
20	64QAM	50	0	21.85	21.92	21.88		
20	64QAM	50	24	21.75	21.82	21.75	22.7	3
20	64QAM	50	50	21.73	21.82	21.76		
20	64QAM	100	0	21.78	21.87	21.84		
20	256QAM	1	0	19.98	20.03	20.02		
20	256QAM	1	49	19.84	19.93	19.90	20.7	5
20	256QAM	1	99	19.94	20.01	19.99		
20	256QAM	50	0	19.83	19.91	19.89		
20	256QAM	50	24	20.01	20.02	19.99	20.7	5
20	256QAM	50	50	19.97	20.02	19.97		
20	256QAM	100	0	19.82	19.85	19.82		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.93	25.05	24.96		
15	QPSK	1	37	24.88	24.91	24.86	25.7	0
15	QPSK	1	74	24.84	24.90	24.81		
15	QPSK	36	0	23.73	23.71	23.70		
15	QPSK	36	20	23.50	23.70	23.59	24.7	1
15	QPSK	36	39	23.53	23.62	23.50		
15	QPSK	75	0	23.72	23.83	23.73		
15	16QAM	1	0	23.89	23.96	23.88		
15	16QAM	1	37	23.73	23.90	23.78	24.7	1
15	16QAM	1	74	23.81	23.92	23.92		
15	16QAM	36	0	22.90	22.92	22.91		
15	16QAM	36	20	22.92	22.92	22.88	23.7	2
15	16QAM	36	39	22.78	22.85	22.75		
15	16QAM	75	0	22.78	22.78	22.79		
15	64QAM	1	0	23.02	23.08	23.04		
15	64QAM	1	37	22.99	23.07	22.96	23.7	2
15	64QAM	1	74	23.11	23.10	23.06		
15	64QAM	36	0	21.79	21.82	21.81		
15	64QAM	36	20	21.69	21.77	21.70	22.7	3
15	64QAM	36	39	21.66	21.75	21.74		
15	64QAM	75	0	21.69	21.84	21.77		
15	256QAM	1	0	19.88	19.98	19.97		
15	256QAM	1	37	19.79	19.92	19.82	20.7	5
15	256QAM	1	74	19.89	19.92	19.94		
15	256QAM	36	0	19.79	19.82	19.87		
15	256QAM	36	20	19.98	19.96	19.94	20.7	5
15	256QAM	36	39	19.89	19.97	19.90		
15	256QAM	75	0	19.80	19.77	19.75		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.92	25.07	24.96		
10	QPSK	1	25	24.88	24.91	24.83	25.7	0
10	QPSK	1	49	24.89	24.97	24.84		
10	QPSK	25	0	23.65	23.77	23.62		
10	QPSK	25	12	23.58	23.64	23.55	24.7	1
10	QPSK	25	25	23.56	23.64	23.54		
10	QPSK	50	0	23.71	23.80	23.79		
10	16QAM	1	0	23.93	23.95	23.83		
10	16QAM	1	25	23.77	23.84	23.74	24.7	1
10	16QAM	1

Band 12 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.51	24.64	24.53		
10	QPSK	1	25	24.42	24.54	24.43	25.5	0
10	QPSK	1	49	24.54	24.60	24.58		
10	QPSK	25	0	23.57	23.58	23.49		
10	QPSK	25	12	23.46	23.52	23.39	24.5	1
10	QPSK	25	25	23.45	23.50	23.46		
10	QPSK	50	0	23.51	23.54	23.43		
10	16QAM	1	0	23.52	23.57	23.49		
10	16QAM	1	25	23.39	23.47	23.41	24.5	1
10	16QAM	1	49	23.46	23.50	23.49		
10	16QAM	25	0	22.42	22.52	22.44		
10	16QAM	25	12	22.35	22.46	22.37	23.5	2
10	16QAM	25	25	22.47	22.49	22.47		
10	16QAM	50	0	22.48	22.51	22.43		
10	64QAM	1	0	22.47	22.57	22.56		
10	64QAM	1	25	22.43	22.48	22.47	23.5	2
10	64QAM	1	49	22.40	22.50	22.39		
10	64QAM	25	0	21.51	21.54	21.44		
10	64QAM	25	12	21.47	21.49	21.45	22.5	3
10	64QAM	25	25	21.39	21.49	21.43		
10	64QAM	50	0	21.50	21.55	21.44		
10	256QAM	1	0	19.53	19.57	19.52		
10	256QAM	1	25	19.41	19.51	19.43	20.5	5
10	256QAM	1	49	19.51	19.56	19.50		
10	256QAM	25	0	19.38	19.44	19.40		
10	256QAM	25	12	19.44	19.52	19.48	20.5	5
10	256QAM	25	25	19.50	19.53	19.52		
10	256QAM	50	0	19.56	19.67	19.66		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.48	24.62	24.51		
5	QPSK	1	12	24.37	24.43	24.40	25.5	0
5	QPSK	1	24	24.51	24.55	24.54		
5	QPSK	12	0	23.47	23.52	23.43		
5	QPSK	12	7	23.39	23.45	23.35	24.5	1
5	QPSK	12	13	23.34	23.46	23.38		
5	QPSK	25	0	23.45	23.52	23.39		
5	16QAM	1	0	23.49	23.49	23.40		
5	16QAM	1	12	23.31	23.39	23.37	24.5	1
5	16QAM	1	24	23.37	23.43	23.41		
5	16QAM	12	0	22.32	22.43	22.40		
5	16QAM	12	7	22.30	22.41	22.26	23.5	2
5	16QAM	12	13	22.39	22.41	22.43		
5	16QAM	25	0	22.47	22.44	22.34		
5	64QAM	1	0	22.38	22.50	22.46		
5	64QAM	1	12	22.37	22.38	22.40	23.5	2
5	64QAM	1	24	22.30	22.45	22.30		
5	64QAM	12	0	21.45	21.52	21.38		
5	64QAM	12	7	21.42	21.44	21.40	22.5	3
5	64QAM	12	13	21.37	21.38	21.36		
5	64QAM	25	0	21.40	21.52	21.36		
5	256QAM	1	0	19.45	19.53	19.43		
5	256QAM	1	12	19.36	19.42	19.36	20.5	5
5	256QAM	1	24	19.48	19.46	19.44		
5	256QAM	12	0	19.29	19.36	19.37		
5	256QAM	12	7	19.35	19.43	19.46	20.5	5
5	256QAM	12	13	19.44	19.48	19.43		
5	256QAM	25	0	19.52	19.64	19.64		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.46	24.59	24.47		
3	QPSK	1	8	24.36	24.45	24.33	25.5	0
3	QPSK	1	14	24.44	24.59	24.55		
3	QPSK	8	0	23.49	23.55	23.43		
3	QPSK	8	4	23.40	23.44	23.28	24.5	1
3	QPSK	8	7	23.41	23.47	23.36		
3	QPSK	15	0	23.46	23.45	23.34		
3	16QAM	1	0	23.47	23.49	23.46		
3	16QAM	1	8	23.29	23.37	23.38	24.5	1
3	16QAM	1	14	23.42	23.43	23.39		
3	16QAM	8	0	22.38	22.46	22.34		
3	16QAM	8	4	22.30	22.36	22.34	23.5	2
3	16QAM	8	7	22.37	22.39	22.43		
3	16QAM	15	0	22.41	22.46	22.42		
3	64QAM	1	0	22.44	22.55	22.49		
3	64QAM	1	8	22.42	22.44	22.38	23.5	2
3	64QAM	1	14	22.30	22.44	22.32		
3	64QAM	8	0	21.49	21.48	21.42		
3	64QAM	8	4	21.43	21.44	21.42	22.5	3
3	64QAM	8	7	21.37	21.38	21.40		
3	64QAM	15	0	21.47	21.47	21.39		
3	256QAM	1	0	19.48	19.49	19.42		
3	256QAM	1	8	19.34	19.44	19.33	20.5	5
3	256QAM	1	14	19.49	19.47	19.44		
3	256QAM	8	0	19.29	19.40	19.38		
3	256QAM	8	4	19.42	19.48	19.46	20.5	5
3	256QAM	8	7	19.43	19.51	19.46		
3	256QAM	15	0	19.51	19.61	19.57		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.43	24.55	24.50		
1.4	QPSK	1	3	24.38	24.50	24.39		
1.4	QPSK	1	5	24.52	24.58	24.54	25.5	0
1.4	QPSK	3	0	24.34	24.46	24.46		
1.4	QPSK	3	1	24.28	24.49	24.33		
1.4	QPSK	3	3	24.46	24.54	24.43		
1.4	QPSK	6	0	23.42	23.51	23.40	24.5	1
1.4	16QAM	1	0	23.47	23.52	23.45		
1.4	16QAM	1	3	23.35	23.39	23.40		
1.4	16QAM	1	5	23.42	23.43	23.47	24.5	1
1.4	16QAM	3	0	23.36	23.49	23.36		
1.4	16QAM	3	1	23.44	23.47	23.36		
1.4	16QAM	3	3	23.26	23.34	23.35		
1.4	16QAM	6	0	22.42	22.48	22.34	23.5	2
1.4	64QAM	1	0	22.38	22.48	22.54		
1.4	64QAM	1	3	22.41	22.42	22.38		
1.4	64QAM	1	5	22.37	22.45	22.30	23.5	2
1.4	64QAM	3	0	22.31	22.39	22.50		
1.4	64QAM	3	1	22.40	22.39	22.33		
1.4	64QAM	3	3	22.36	22.41	22.23		
1.4	64QAM	6	0	21.41	21.46	21.34	22.5	3
1.4	256QAM	1	0	19.50	19.48	19.43		
1.4	256QAM	1	3	19.37	19.44	19.36		
1.4	256QAM	1	5	19.42	19.49	19.45		
1.4	256QAM	3	0	19.29	19.41	19.30	20.5	5
1.4	256QAM	3	1	19.39	19.43	19.43		
1.4	256QAM	3	3	19.44	19.43	19.47		
1.4	256QAM	6	0	19.47	19.63	19.58	20.5	5

Band 17 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.39	24.57	24.50		
10	QPSK	1	25	24.52	24.53	24.44	25.5	0
10	QPSK	1	49	24.39	24.46	24.35		
10	QPSK	25	0	23.54	23.57	23.51		
10	QPSK	25	12	23.41	23.52	23.45	24.5	1
10	QPSK	25	25	23.40	23.48	23.42		
10	QPSK	50	0	23.48	23.50	23.44		
10	16QAM	1	0	23.69	23.75	23.72		
10	16QAM	1	25	23.66	23.70	23.63	24.5	1
10	16QAM	1	49	23.62	23.64	23.53		
10	16QAM	25	0	22.54	22.59	22.56		
10	16QAM	25	12	22.40	22.48	22.46	23.5	2
10	16QAM	25	25	22.45	22.51	22.46		
10	16QAM	50	0	22.47	22.57	22.55		
10	64QAM	1	0	22.54	22.64	22.55		
10	64QAM	1	25	22.47	22.53	22.50	23.5	2
10	64QAM	1	49	22.53	22.54	22.52		
10	64QAM	25	0	21.48	21.52	21.43		
10	64QAM	25	12	21.38	21.47	21.39	22.5	3
10	64QAM	25	25	21.36	21.47	21.42		
10	64QAM	50	0	21.54	21.56	21.54		
10	256QAM	1	0	19.50	19.57	19.50		
10	256QAM	1	25	19.32	19.49	19.47	20.5	5
10	256QAM	1	49	19.43	19.52	19.47		
10	256QAM	25	0	19.48	19.57	19.50		
10	256QAM	25	12	19.37	19.47	19.44	20.5	5
10	256QAM	25	25	19.46	19.53	19.44		
10	256QAM	50	0	19.53	19.56	19.50		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.37	24.50	24.46		
5	QPSK	1	12	24.49	24.51	24.34	25.5	0
5	QPSK	1	24	24.37	24.37	24.26		
5	QPSK	12	0	23.52	23.50	23.41		
5	QPSK	12	7	23.33	23.42	23.39	24.5	1
5	QPSK	12	13	23.39	23.43	23.36		
5	QPSK	25	0	23.44	23.43	23.38		
5	16QAM	1	0	23.61	23.64	23.65		
5	16QAM	1	12	23.56	23.64	23.54	24.5	1
5	16QAM	1	24	23.56	23.60	23.52		
5	16QAM	12	0	22.48	22.57	22.48		
5	16QAM	12	7	22.33	22.37	22.41	23.5	2
5	16QAM	12	13	22.44	22.48	22.41		
5	16QAM	25	0	22.48	22.55	22.50		
5	64QAM	1	0	22.50	22.61	22.49		
5	64QAM	1	12	22.40	22.51	22.45	23.5	2
5	64QAM	1	24	22.49	22.51	22.51		
5	64QAM	12	0	21.41	21.42	21.37		
5	64QAM	12	7	21.29	21.44	21.28	22.5	3
5	64QAM	12	13	21.31	21.41	21.35		
5	64QAM	25	0	21.44	21.47	21.48		
5	256QAM	1	0	19.43	19.54	19.48		
5	256QAM	1	12	19.35	19.45	19.39	20.5	5
5	256QAM	1	24	19.38	19.45	19.41		
5	256QAM	12	0	19.45	19.50	19.49		
5	256QAM	12	7	19.36	19.45	19.35		
5	256QAM	12	13	19.39	19.43	19.34	20.5	5
5	256QAM	25	0	19.48	19.50	19.44		

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	24.49	24.54	24.45		
15	QPSK	1	37	24.43	24.47	24.43	25.5	0
15	QPSK	1	74	24.44	24.50	24.47		
15	QPSK	36	0	23.45	23.54	23.51		
15	QPSK	36	20	23.40	23.51	23.41	24.5	1
15	QPSK	36	39	23.34	23.46	23.38		
15	QPSK	75	0	23.55	23.57	23.52		
15	16QAM	1	0	23.46	23.57	23.58		
15	16QAM	1	37	23.35	23.45	23.41	24.5	1
15	16QAM	1	74	23.45	23.53	23.51		
15	16QAM	36	0	22.52	22.61	22.55		
15	16QAM	36	20	22.56	22.58	22.52	23.5	2
15	16QAM	36	39	22.48	22.55	22.52		
15	16QAM	75	0	22.49	22.54	22.47		
15	64QAM	1	0	22.51	22.57	22.52		
15	64QAM	1	37	22.53	22.58	22.54	23.5	2
15	64QAM	1	74	22.44	22.54	22.46		
15	64QAM	36	0	21.48	21.55	21.44		
15	64QAM	36	20	21.44	21.50	21.47	22.5	3
15	64QAM	36	39	21.50	21.53	21.45		
15	64QAM	75	0	21.42	21.52	21.42		
15	256QAM	1	0	19.45	19.51	19.45		
15	256QAM	1	37	19.39	19.46	19.35	20.5	5
15	256QAM	1	74	19.45	19.46	19.43		
15	256QAM	36	0	19.45	19.54	19.52		
15	256QAM	36	20	19.38	19.44	19.35		
15	256QAM	36	39	19.38	19.47	19.42	20.5	5
15	256QAM	75	0	19.34	19.43	19.36		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.45	24.45	24.44		
10	QPSK	1	25	24.36	24.44	24.37	25.5	0
10	QPSK	1	49	24.35	24.45	24.42		
10	QPSK	25	0	23.35	23.53	23.44		
10	QPSK	25	12	23.32	23.44	23.35	24.5	1
10	QPSK	25	25	23.30	23.43	23.32		
10	QPSK	50	0	23.46	23.56	23.48		
10	16QAM	1	0	23.45	23.56	23.48		
10	16QAM	1	25	23.33	23.39	23.30	24.5	1
10	16QAM	1	49	23.42	23.51	23.44		
10	16QAM	25	0	22.48	22.57	22.45		
10	16QAM	25	12	22.55	22.49	22.47	23.5	2
10	16QAM	25	25	22.43	22.49	22.42		
10	16QAM	50	0	22.46	22.49	22.37		
10	64QAM	1	0	22.41	22.50	22.49		
10	64QAM	1	25	22.50	22.53	22.49	23.5	2
10	64QAM	1	49	22.39	22.50	22.39		
10	64QAM	25	0	21.46	21.46	21.34		
10	64QAM	25	12	21.42	21.44	21.46	22.5	3
10	64QAM	25	25	21.48	21.42	21.37		
10	64QAM	50	0	21.33	21.39	21.39		
10	256QAM	1	0	19.43	19.43	19.43		
10	256QAM	1	25	19.33	19.37	19.28	20.5	5
10	256QAM	1	49	19.36	19.37	19.38		
10	256QAM	25	0	19.39	19.46	19.47		
10	256QAM	25	12	19.33	19.36	19.29	20.5	5
10	256QAM	25	25	19.28	19.37	19.40		
10	256QAM	50	0	19.26	19.39	19.31		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.47	24.45	24.41		
5	QPSK	1	12	24.36	24.43	24.41	25.5	0
5	QPSK	1	24	24.41	24.46	24.42		
5	QPSK	12	0	23.38	23.48	23.50		
5	QPSK	12	7	23.37	23.44	23.38	24.5	1
5	QPSK	12	13	23.31	23.40	23.34		
5	QPSK	25	0	23.47	23.51	23.51		
5	16QAM	1	0	23.41	23.52	23.53		
5	16QAM	1	12	23.25	23.35	23.30	24.5	1
5	16QAM	1	24	23.42	23.42	23.41		
5	16QAM	12	0	22.43	22.53	22.50		
5	16QAM	12	7	22.50	22.55	22.43	23.5	2
5	16QAM	12	13	22.44	22.54	22.44		
5	16QAM	25	0	22.41	22.44	22.37		
5	64QAM	1	0	22.45	22.50	22.47		
5	64QAM	1	12	22.48	22.49	22.48	23.5	2
5	64QAM	1	24	22.38	22.47	22.41		
5	64QAM	12	0	21.38	21.46	21.34		
5	64QAM	12	7	21.42	21.42	21.45	22.5	3
5	64QAM	12	13	21.49	21.50	21.38		
5	64QAM	25	0	21.34	21.40	21.40		
5	256QAM	1	0	19.42	19.41	19.39		
5	256QAM	1	12	19.38	19.42	19.26	20.5	5
5	256QAM	1	24	19.39	19.38	19.38		
5	256QAM	12	0	19.41	19.44	19.44		
5	256QAM	12	7	19.30	19.36	19.30	20.5	5
5	256QAM	12	13	19.36	19.37	19.32		
5	256QAM	25	0	19.31	19.33	19.28		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.40	24.53	24.36		
3	QPSK	1	8	24.38	24.44	24.38	25.5	0
3	QPSK	1	14	24.42	24.40	24.39		
3	QPSK	8	0	23.37	23.47	23.42		
3	QPSK	8	4	23.32	23.49	23.30	24.5	1
3	QPSK	8	7	23.33	23.40	23.29		
3	QPSK	15	0	23.51	23.54	23.43		
3	16QAM	1	0	23.43	23.46	23.46		
3	16QAM	1	8	23.32	23.37	23.32	24.5	1
3	16QAM	1	14	23.37	23.45	23.45		
3	16QAM	8	0	22.46	22.51	22.51		
3	16QAM	8	4	22.50	22.48	22.42	23.5	2
3	16QAM	8	7	22.41	22.49	22.51		
3	16QAM	15	0	22.39	22.52	22.36		
3	64QAM	1	0	22.41	22.46	22.44		
3	64QAM	1	8	22.49	22.51	22.45	23.5	2
3	64QAM	1	14	22.43	22.51	22.39		
3	64QAM	8	0	21.40	21.52	21.37		
3	64QAM	8	4	21.34	21.40	21.39	22.5	3
3	64QAM	8	7	21.41	21.46	21.42		
3	64QAM	15	0	21.35	21.41	21.38		
3	256QAM	1	0	19.41	19.46	19.36		
3	256QAM	1	8	19.31	19.41	19.34	20.5	5
3	256QAM	1	14	19.41	19.44	19.41		
3	256QAM	8	0	19.37	19.46	19.46		
3	256QAM	8	4	19.28	19.35	19.34	20.5	5
3	256QAM	8	7	19.33	19.46	19.40		
3	256QAM	15	0	19.23	19.38	19.32		
Channel				26675	26865	27055	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.38	24.52	24.35		
1.4	QPSK	1	3	24.40	24.42	24.33		
1.4	QPSK	1	5	24.36	24.45	24.40	25.5	0
1.4	QPSK	3	0	24.30	24.49	24.34		
1.4	QPSK	3	1	24.29	24.32	24.27		
1.4	QPSK	3	3	24.34	24.43	24.33		
1.4	QPSK	6	0	23.51	23.53	23.46	24.5	1
1.4	16QAM	1	0	23.42	23.48	23.48		
1.4	16QAM	1	3	23.26	23.36	23.32		
1.4	16QAM	1	5	23.43	23.50	23.42	24.5	1
1.4	16QAM	3	0	23.39	23.41	23.39		
1.4	16QAM	3	1	23.24	23.26	23.25		
1.4	16QAM	3	3	23.40	23.42	23.37		
1.4	16QAM	6	0	22.43	22.43	22.43	23.5	2
1.4	64QAM	1	0	22.42	22.48	22.44		
1.4	64QAM	1	3	22.49	22.54	22.45		
1.4	64QAM	1	5	22.37	22.43	22.38	23.5	2
1.4	64QAM	3	0	22.34	22.36	22.34		
1.4	64QAM	3	1	22.36	22.42	22.39		
1.4	64QAM	3	3	22.45	22.53	22.41		
1.4	64QAM	6	0	21.32	21.43	21.41	22.5	3
1.4	256QAM	1	0	19.35	19.42	19.40		
1.4	256QAM	1	3	19.37	19.37	19.31		
1.4	256QAM	1	5	19.39	19.42	19.35	20.5	5
1.4	256QAM	3	0	19.42	19.51	19.45		
1.4	256QAM	3	1	19.39	19.42	19.34		
1.4	256QAM	3	3	19.37	19.42	19.35		
1.4	256QAM	6	0	19.30	19.34	19.28	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.97	22.07	21.92		
20	QPSK	1	49	21.93	21.97	21.90	23.7	0
20	QPSK	1	99	21.92	22.02	21.98		
20	QPSK	50	0	20.94	20.97	20.94		
20	QPSK	50	24	20.84	20.95	20.86	22.7	1
20	QPSK	50	50	20.84	20.93	20.83		
20	QPSK	100	0	20.91	20.93	20.90		
20	16QAM	1	0	20.94	21.10	21.05		
20	16QAM	1	49	21.09	21.11	21.06	22.7	1
20	16QAM	1	99	20.96	21.09	20.99		
20	16QAM	50	0	20.02	20.06	20.02		
20	16QAM	50	24	19.94	20.04	19.91	21.7	2
20	16QAM	50	50	20.01	20.06	19.99		
20	16QAM	100	0	19.88	20.00	19.94		
20	64QAM	1	0	19.94	20.02	20.03		
20	64QAM	1	49	19.95	19.99	19.98	21.7	2
20	64QAM	1	99	19.93	20.01	19.98		
20	64QAM	50	0	18.97	19.01	18.93		
20	64QAM	50	24	18.88	18.93	18.89	20.7	3
20	64QAM	50	50	18.95	18.98	18.82		
20	64QAM	100	0	19.04	19.00	19.01		
20	256QAM	1	0	16.93	16.97	16.95		
20	256QAM	1	49	16.93	16.91	16.86	18.7	5
20	256QAM	1	99	16.80	16.93	16.86		
20	256QAM	50	0	16.91	16.92	16.94		
20	256QAM	50	24	16.86	16.98	16.83	18.7	5
20	256QAM	50	50	16.81	16.93	16.83		
20	256QAM	100	0	16.89	16.97	16.86		
Channel				132047	4	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.95	22.03	21.88		
15	QPSK	1	37	21.88	21.96	21.80	23.7	0
15	QPSK	1	74	21.91	22.01	21.94		
15	QPSK	36	0	20.89	20.86	20.87		
15	QPSK	36	20	20.79	20.83	20.79	22.7	1
15	QPSK	36	39	20.73	20.87	20.76		
15	QPSK	75	0	20.90	20.86	20.84		
15	16QAM	1	0	20.91

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	25.03	25.11	25.01	25.7	0
20	QPSK	1	49	24.99	25.08	25.00		
20	QPSK	1	99	25.00	25.03	24.95		
20	QPSK	50	0	23.82	23.91	23.89	24.7	1
20	QPSK	50	24	23.78	23.85	23.76		
20	QPSK	50	50	23.76	23.82	23.73		
20	QPSK	100	0	23.74	23.81	23.78		
20	16QAM	1	0	23.98	24.07	24.05	24.7	1
20	16QAM	1	49	23.86	23.96	23.89		
20	16QAM	1	99	23.97	24.06	23.98		
20	16QAM	50	0	22.85	22.91	22.81	23.7	2
20	16QAM	50	24	22.80	22.88	22.85		
20	16QAM	50	50	22.79	22.83	22.78		
20	16QAM	100	0	22.71	22.81	22.79		
20	64QAM	1	0	22.99	23.03	22.96	23.7	2
20	64QAM	1	49	22.91	22.95	22.85		
20	64QAM	1	99	22.94	22.98	22.95		
20	64QAM	50	0	21.90	21.93	21.86	22.7	3
20	64QAM	50	24	21.81	21.84	21.81		
20	64QAM	50	50	21.78	21.85	21.75		
20	64QAM	100	0	21.80	21.83	21.78		
20	256QAM	1	0	19.91	19.93	19.88	20.7	5
20	256QAM	1	49	19.82	19.85	19.79		
20	256QAM	1	99	19.82	19.91	19.80		
20	256QAM	50	0	19.86	19.91	19.89	20.7	5
20	256QAM	50	24	19.86	19.87	19.81		
20	256QAM	50	50	19.74	19.81	19.76		
20	256QAM	100	0	19.71	19.80	19.75		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.97	25.08	24.90	25.7	0
15	QPSK	1	37	24.96	25.03	24.98		
15	QPSK	1	74	24.98	25.01	24.92		
15	QPSK	36	0	23.73	23.84	23.81	24.7	1
15	QPSK	36	20	23.70	23.75	23.74		
15	QPSK	36	39	23.66	23.73	23.65		
15	QPSK	75	0	23.70	23.79	23.74		
15	16QAM	1	0	23.95	23.99	23.97	24.7	1
15	16QAM	1	37	23.80	23.85	23.85		
15	16QAM	1	74	23.92	24.05	23.93		
15	16QAM	36	0	22.81	22.89	22.73	23.7	2
15	16QAM	36	20	22.79	22.79	22.80		
15	16QAM	36	39	22.77	22.79	22.73		
15	16QAM	75	0	22.62	22.74	22.76		
15	64QAM	1	0	22.93	22.96	22.91	23.7	2
15	64QAM	1	37	22.87	22.87	22.80		
15	64QAM	1	74	22.85	22.89	22.86		
15	64QAM	36	0	21.81	21.84	21.81	22.7	3
15	64QAM	36	20	21.71	21.77	21.74		
15	64QAM	36	39	21.69	21.80	21.72		
15	64QAM	75	0	21.76	21.73	21.76		
15	256QAM	1	0	19.80	19.85	19.81	20.7	5
15	256QAM	1	37	19.81	19.77	19.71		
15	256QAM	1	74	19.75	19.88	19.76		
15	256QAM	36	0	19.78	19.86	19.88	20.7	5
15	256QAM	36	20	19.80	19.82	19.79		
15	256QAM	36	39	19.72	19.72	19.72		
15	256QAM	75	0	19.68	19.73	19.71		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.01	25.08	24.97	25.7	0
10	QPSK	1	25	24.88	25.02	24.92		
10	QPSK	1	49	24.92	24.98	24.91		
10	QPSK	25	0	23.74	23.88	23.88	24.7	1
10	QPSK	25	12	23.69	23.76	23.74		
10	QPSK	25	25	23.74	23.80	23.65		
10	QPSK	50	0	23.68	23.78	23.73		
10	16QAM	1	0	23.93	23.99	23.98	24.7	1
10	16QAM	1	25	23.76	23.88	23.87		
10	16QAM	1	49	23.91	24.00	23.97		
10	16QAM	25	0	22.83	22.81	22.75	23.7	2
10	16QAM	25	12	22.77	22.80	22.78		
10	16QAM	25	25	22.70	22.78	22.74		
10	16QAM	50	0	22.64	22.74	22.73		
10	64QAM	1	0	22.89	22.99	22.89	23.7	2
10	64QAM	1	25	22.82	22.90	22.83		
10	64QAM	1	49	22.87	22.89	22.85		
10	64QAM	25	0	21.79	21.92	21.85	22.7	3
10	64QAM	25	12	21.72	21.79	21.77		
10	64QAM	25	25	21.75	21.77	21.73		
10	64QAM	50	0	21.78	21.75	21.69		
10	256QAM	1	0	19.81	19.90	19.77	20.7	5
10	256QAM	1	25	19.75	19.78	19.70		
10	256QAM	1	49	19.73	19.88	19.77		
10	256QAM	25	0	19.77	19.89	19.86	20.7	5
10	256QAM	25	12	19.78	19.84	19.79		
10	256QAM	25	25	19.72	19.77	19.69		
10	256QAM	50	0	19.65	19.72	19.65		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.97	25.10	24.96	25.7	0
5	QPSK	1	12	24.95	25.00	24.91		
5	QPSK	1	24	24.91	25.01	24.94		
5	QPSK	12	0	23.72	23.87	23.79	24.7	1
5	QPSK	12	7	23.70	23.82	23.68		
5	QPSK	12	13	23.75	23.78	23.69		
5	QPSK	25	0	23.72	23.71	23.72		
5	16QAM	1	0	23.96	24.01	23.95	24.7	1
5	16QAM	1	12	23.85	23.92	23.84		
5	16QAM	1	24	23.91	23.95	23.97		
5	16QAM	12	0	22.77	22.83	22.78	23.7	2
5	16QAM	12	7	22.74	22.83	22.76		
5	16QAM	12	13	22.76	22.74	22.74		
5	16QAM	25	0	22.64	22.76	22.70		
5	64QAM	1	0	22.97	22.96	22.90	23.7	2
5	64QAM	1	12	22.80	22.89	22.80		
5	64QAM	1	24	22.91	22.94	22.85		
5	64QAM	12	0	21.87	21.85	21.81	22.7	3
5	64QAM	12	7	21.77	21.77	21.74		
5	64QAM	12	13	21.76	21.79	21.65		
5	64QAM	25	0	21.76	21.75	21.72		
5	256QAM	1	0	19.82	19.82	19.77	20.7	5
5	256QAM	1	12	19.77	19.78	19.74		
5	256QAM	1	24	19.80	19.89	19.71		
5	256QAM	12	0	19.75	19.86	19.87	20.7	5
5	256QAM	12	7	19.85	19.85	19.74		
5	256QAM	12	13	19.72	19.72	19.72		
5	256QAM	25	0	19.66	19.70	19.72		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.11	25.01	25.15	24.73	24.78	25.7	0
20	QPSK	1	49	25.08	25.05	25.13	25.04	25.04		
20	QPSK	1	99	25.08	25.08	25.10	25.06	25.03		
20	QPSK	50	0	23.83	23.85	23.87	23.85	23.78	24.7	1
20	QPSK	50	24	23.79	23.77	23.85	23.79	23.73		
20	QPSK	50	50	23.75	23.78	23.79	23.75	23.68		
20	QPSK	100	0	23.71	23.76	23.81	23.74	23.77		
20	16QAM	1	0	23.82	23.85	23.92	23.91	23.88	24.7	1
20	16QAM	1	49	23.77	23.81	23.85	23.82	23.80		
20	16QAM	1	99	23.77	23.70	23.80	23.73	23.72		
20	16QAM	50	0	22.82	22.80	22.87	22.81	22.85	23.7	2
20	16QAM	50	24	22.78	22.76	22.81	22.77	22.75		
20	16QAM	50	50	22.79	22.77	22.81	22.71	22.76		
20	16QAM	100	0	22.75	22.75	22.82	22.76	22.76		
20	64QAM	1	0	22.92	22.86	22.96	22.91	22.91	23.7	2
20	64QAM	1	49	22.79	22.72	22.83	22.72	22.79		
20	64QAM	1	99	22.76	22.74	22.80	22.79	22.79		
20	64QAM	50	0	21.80	21.75	21.85	21.74	21.75	22.7	3
20	64QAM	50	24	21.70	21.72	21.79	21.73	21.76		
20	64QAM	50	50	21.75	21.67	21.77	21.67	21.69		
20	64QAM	100	0	21.80	21.85	21.87	21.80	21.76		
20	256QAM	1	0	19.65	19.71	19.73	19.63	19.65	20.7	5
20	256QAM	1	49	19.59	19.56	19.63	19.61	19.62		
20	256QAM	1	99	19.57	19.62	19.64	19.59	19.56		
20	256QAM	50	0	19.88	19.88	19.90	19.88	19.81	20.7	5
20	256QAM	50	24	19.60	19.61	19.66	19.63	19.62		
20	256QAM	50	50	19.56	19.58	19.67	19.65	19.61		
20	256QAM	100	0	19.82	19.79	19.88	19.79	19.81		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.02	24.91	25.10	24.68	24.67	26	0
15	QPSK	1	37	25.00	25.00	25.11	24.94	25.03		
15	QPSK	1	74	25.04	25.04	25.03	25.04	24.98		
15	QPSK	36	0	23.78	23.75	23.82	23.76	23.73	24.7	1
15	QPSK	36	20	23.69	23.75	23.79	23.72	23.70		
15	QPSK	36	39	23.72	23.73	23.77	23.73	23.67		
15	QPSK	75	0	23.68	23.69	23.75	23.63	23.71		
15	16QAM	1	0	23.75	23.84	23.86	23.81	23.82	24.7	1
15	16QAM	1	37	23.69	23.76	23.82	23.76	23.73		
15	16QAM	1	74	23.71	23.61	23.75	23.69	23.68		
15	16QAM	36	0	22.74	22.78	22.77	22.78	22.76	23.7	2
15	16QAM	36	20	22.75	22.65	22.79	22.68	22.72		
15	16QAM	36	39	22.71	22.67	22.76	22.68	22.66		
15	16QAM	75	0	22.68	22.69	22.73	22.75	22.68		
15	64QAM	1	0	22.87	22.82	22.89	22.89	22.83	23.7	2
15	64QAM	1	37	22.71	22.68	22.77	22.71	22.71		
15	64QAM	1	74	22.73	22.64	22.70	22.76	22.70		
15	64QAM	36	0	21.77	21.67	21.75	21.72	21.71	22.7	3
15	64QAM	36	20	21.66	21.65	21.69	21.69	21.71		
15	64QAM	36	39	21.73	21.62	21.66	21.59	21.62		
15	64QAM	75	0	21.78	21.84	21.82	21.70	21.67		
15	256QAM	1	0	19.60	19.61	19.66	19.54	19.59	20.7	5
15	256QAM	1	37	19.56	19.46	19.56	19.54	19.58		
15	256QAM	1	74	19.55	19.60	19.60	19.56	19.50		
15	256QAM	36	0	19.80	19.80	19.83	19.77	19.76	20.7	5
15	256QAM	36	20	19.50	19.59	19.60	19.54	19.58		
15	256QAM	36	39	19.47	19.50	19.66	19.58	19.53		
15	256QAM	75	0	19.77	19.76	19.83	19.72	19.79		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.03	24.96	25.06	24.70	24.70	26	0
10	QPSK	1	25	25.05	25.03	25.08	24.93	24.95		
10	QPSK	1	49	25.04	25.07	25.07	24.97	24.96		
10	QPSK	25	0	23.75	23.75	23.83	23.75	23.76	24.7	1
10	QPSK	25	12	23.73	23.71	23.70	23.74	23.66		
10	QPSK	25	25	23.69	23.69	23.72	23.66	23.61		
10	QPSK	50	0	23.68	23.74	23.78	23.73	23.70		
10	16QAM	1	0	23.74	23.82	23.82	23.84	23.81	24.7	1
10	16QAM	1	25	23.67	23.77	23.80	23.80	23.72		
10	16QAM	1	49	23.76	23.60	23.74	23.70	23.65		
10	16QAM	25	0	22.77	22.75	22.78	22.76	22.80	23.7	2
10	16QAM	25	12	22.75	22.66	22.70	22.67	22.64		
10	16QAM	25	25	22.75	22.72	22.75	22.61	22.71		
10	16QAM	50	0	22.71	22.72	22.79	22.70	22.65		
10	64QAM	1	0	22.86	22.77	22.86	22.81	22.82	23.7	2
10	64QAM	1	25	22.77	22.67	22.79	22.70	22.75		
10	64QAM	1	49	22.73	22.72	22.79	22.69	22.77		
10	64QAM	25	0	21.69	21.68	21.81	21.72	21.73	22.7	3
10	64QAM	25	12	21.67	21.63	21.73	21.62	21.66		
10	64QAM	25	25	21.72	21.62	21.71	21.59	21.60		
10	64QAM	50	0	21.77	21.79	21.83	21.76	21.71		
10	256QAM	1	0	19.59	19.65	19.65	19.54	19.58	20.7	5
10	256QAM	1	25	19.51	19.54	19.57	19.56	19.53		
10	256QAM	1	49	19.50	19.57	19.61	19.55	19.55		
10	256QAM	25	0	19.81	19.85	19.85	19.82	19.77	20.7	5
10	256QAM	25	12	19.59	19.54	19.58	19.53	19.57		
10	256QAM	25	25	19.47	19.52	19.65	19.58	19.56		
10	256QAM	50	0	19.80	19.72	19.80	19.71	19.72		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.05	24.99	25.06	24.69	24.72	26	0
5	QPSK	1	12	25.05	24.95	25.09	25.01	24.99		
5	QPSK	1	24	25.00	24.98	25.06	24.97	24.99		
5	QPSK	12	0	23.73	23.83	23.81	23.74	23.77	24.7	1
5	QPSK	12	7	23.73	23.67	23.80	23.72	23.64		
5	QPSK	12	13	23.71	23.75	23.71	23.71	23.64		
5	QPSK	25	0	23.70	23.67	23.72	23.63	23.71		
5	16QAM	1	0	23.73	23.80	23.90	23.83	23.84	24.7	1
5	16QAM	1	12	23.69	23.73	23.75	23.72	23.71		
5	16QAM	1	24	23.72	23.66	23.78	23.72	23.65		
5	16QAM	12	0	22.71	22.75	22.85	22.74	22.82	23.7	2
5	16QAM	12	7	22.73	22.66	22.78	22.70	22.68		
5	16QAM	12	13	22.70	22.70	22.76	22.64	22.68		
5	16QAM	25	0	22.64	22.71	22.73	22.72	22.71		
5	64QAM	1	0	22.81	22.80	22.92	22.81	22.86	23.7	2
5	64QAM	1	12	22.69	22.63	22.81	22.71	22.77		
5	64QAM	1	24	22.73	22.65	22.69	22.74	22.77		
5	64QAM	12	0	21.74	21.70	21.80	21.71	21.66	22.7	3
5	64QAM	12	7	21.65	21.71	21.76	21.68	21.67		
5	64QAM	12	13	21.71	21.57	21.75	21.66	21.66		
5	64QAM	25	0	21.76	21.79	21.82	21.75	21.70		
5	256QAM	1	0	19.55	19.69	19.66	19.57	19.62	20.7	5
5	256QAM	1	12	19.48	19.50	19.62	19.55	19.54		
5	256QAM	1	24	19.54	19.53	19.61	19.53	19.53		
5	256QAM	12	0	19.84	19.78	19.88	19.77	19.73	20.7	5
5	256QAM	12	7	19.57	19.53	19.59	19.53	19.54		
5	256QAM	12	13	19.50	19.50	19.57	19.58	19.54		
5	256QAM	25	0	19.74	19.74	19.82	19.71	19.72		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.67	21.85	21.66	23.5	0
20	QPSK	1	49	21.68	21.78	21.77		
20	QPSK	1	99	21.68	21.74	21.66		
20	QPSK	50	0	21.06	21.16	21.08	22.5	1
20	QPSK	50	24	21.00	21.15	21.02		
20	QPSK	50	50	21.05	21.10	21.06		
20	QPSK	100	0	21.09	21.14	21.12		
20	16QAM	1	0	21.16	21.20	21.14	22.5	1
20	16QAM	1	49	21.10	21.14	21.07		
20	16QAM	1	99	21.02	21.05	20.96		
20	16QAM	50	0	20.06	20.11	20.00	21.5	2
20	16QAM	50	24	20.05	20.10	20.07		
20	16QAM	50	50	19.98	20.01	19.93		
20	16QAM	100	0	20.06	20.08	20.07		
20	64QAM	1	0	20.32	20.40	20.35	21.5	2
20	64QAM	1	49	19.99	20.06	20.02		
20	64QAM	1	99	19.96	20.04	20.02		
20	64QAM	50	0	19.02	19.11	19.03	20.5	3
20	64QAM	50	24	19.06	19.10	19.06		
20	64QAM	50	50	18.99	19.07	19.01		
20	64QAM	100	0	18.98	19.07	19.03		
20	256QAM	1	0	17.03	17.07	17.02	18.5	5
20	256QAM	1	49	17.08	17.10	17.05		
20	256QAM	1	99	17.00	17.10	17.04		
20	256QAM	50	0	17.01	17.07	17.00	18.5	5
20	256QAM	50	24	16.98	17.07	16.98		
20	256QAM	50	50	16.99	17.07	16.99		
20	256QAM	100	0	17.02	17.12	17.10		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.66	21.75	21.57	23.5	0
15	QPSK	1	37	21.65	21.75	21.74		
15	QPSK	1	74	21.58	21.70	21.63		
15	QPSK	36	0	21.01	21.14	21.04	22.5	1
15	QPSK	36	20	20.97	20.98	20.97		
15	QPSK	36	39	20.97	21.01	20.95		
15	QPSK	75	0	21.08	21.11	21.03		
15	16QAM	1	0	21.11	21.14	21.09	22.5	1
15	16QAM	1	37	21.06	21.08	20.96		
15	16QAM	1	74	21.00	21.03	20.93		
15	16QAM	36	0	19.98	20.04	19.98	21.5	2
15	16QAM	36	20	20.00	20.08	19.96		
15	16QAM	36	39	19.94	19.93	19.86		
15	16QAM	75	0	19.98	20.07	19.99		
15	64QAM	1	0	20.23	20.31	20.34	21.5	2
15	64QAM	1	37	19.89	19.98	19.93		
15	64QAM	1	74	19.91	19.94	19.95		
15	64QAM	36	0	18.98	19.01	18.96	20.5	3
15	64QAM	36	20	19.00	19.09	19.03		
15	64QAM	36	39	18.95	19.02	18.93		
15	64QAM	75	0	18.91	19.04	18.96		
15	256QAM	1	0	16.93	17.02	16.99	18.5	5
15	256QAM	1	37	17.06	17.01	17.03		
15	256QAM	1	74	16.96	17.07	17.02		
15	256QAM	36	0	16.94	17.00	16.98	18.5	5
15	256QAM	36	20	16.93	16.98	16.88		
15	256QAM	36	39	16.94	16.97	16.92		
15	256QAM	75	0	16.96	17.09	17.05		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.61	21.78	21.60	23.5	0
10	QPSK	1	25	21.57	21.76	21.68		
10	QPSK	1	49	21.61	21.64	21.62		
10	QPSK	25	0	20.99	21.09	20.98	22.5	1
10	QPSK	25	12	20.96	21.03	20.94		
10	QPSK	25	25	20.95	20.99	21.00		
10	QPSK	50	0	21.02	21.12	21.08		
10	16QAM	1	0	21.11	21.10	21.08	22.5	1
10	16QAM	1	25	21.05	21.09	20.98		
10	16QAM	1	49	20.93	21.04	20.93		
10	16QAM	25	0	19.97	20.08	19.95	21.5	2
10	16QAM	25	12	19.97	20.03	20.00		
10	16QAM	25	25	19.91	19.92	19.88		
10	16QAM	50	0	19.98	19.98	20.00		
10	64QAM	1	0	20.28	20.36	20.30	21.5	2
10	64QAM	1	25	19.97	20.02	19.99		
10	64QAM	1	49	19.86	20.00	20.01		
10	64QAM	25	0	18.94	19.04	18.95	20.5	3
10	64QAM	25	12	18.98	19.06	18.96		
10	64QAM	25	25	18.91	19.00	18.93		
10	64QAM	50	0	18.95	18.99	18.94		
10	256QAM	1	0	17.01	17.00	16.93	18.5	5
10	256QAM	1	25	16.98	17.07	16.95		
10	256QAM	1	49	16.98	17.01	17.02		
10	256QAM	25	0	16.99	17.00	16.96	18.5	5
10	256QAM	25	12	16.96	17.01	16.96		
10	256QAM	25	25	16.95	17.00	16.96		
10	256QAM	50	0	16.94	17.10	17.04		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.56	21.74	21.62	23.5	0
5	QPSK	1	12	21.64	21.73	21.72		
5	QPSK	1	24	21.59	21.69	21.61		
5	QPSK	12	0	21.05	21.06	21.01	22.5	1
5	QPSK	12	7	20.91	21.06	21.01		
5	QPSK	12	13	20.96	21.08	20.98		
5	QPSK	25	0	21.03	21.10	21.03		
5	16QAM	1	0	21.07	21.18	21.07	22.5	1
5	16QAM	1	12	21.02	21.08	21.05		
5	16QAM	1	24	21.00	21.02	20.90		
5	16QAM	12	0	20.04	20.00	19.92	21.5	2
5	16QAM	12	7	20.00	20.08	20.02		
5	16QAM	12	13	19.95	19.94	19.85		
5	16QAM	25	0	20.04	20.04	19.96		
5	64QAM	1	0	20.21	20.38	20.30	21.5	2
5	64QAM	1	12	19.91	19.97	19.92		
5	64QAM	1	24	19.95	19.93	19.93		
5	64QAM	12	0	18.94	19.05	18.93	20.5	3
5	64QAM	12	7	18.98	19.06	19.02		
5	64QAM	12	13	18.90	18.99	18.93		
5	64QAM	25	0	18.91	18.97	18.93		
5	256QAM	1	0	17.00	16.97	16.92	18.5	5
5	256QAM	1	12	17.01	17.02	16.98		
5	256QAM	1	24	16.90	17.08	16.97		
5	256QAM	12	0	16.98	17.03	16.99	18.5	5
5	256QAM	12	7	16.89	17.04	16.95		
5	256QAM	12	13	16.98	16.98	16.91		
5	256QAM	25	0	16.93	17.02	17.06		

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.05	22.19	22.01	22.15	23.8	0
20	QPSK	1	49	22.09	22.17	22.12	22.15		
20	QPSK	1	99	22.09	22.15	22.09	22.10		
20	QPSK	50	0	21.13	21.31	21.12	21.16	22.8	1
20	QPSK	50	24	21.08	21.23	21.11	21.12		
20	QPSK	50	50	21.08	21.16	21.07	21.12		
20	QPSK	100	0	21.00	21.07	20.97	20.97		
20	16QAM	1	0	21.04	21.12	21.08	21.06	22.8	1
20	16QAM	1	49	21.11	21.14	21.03	21.08		
20	16QAM	1	99	21.17	21.19	21.17	21.17		
20	16QAM	50	0	20.14	20.22	20.16	20.16	21.8	2
20	16QAM	50	24	20.12	20.16	20.05	20.15		
20	16QAM	50	50	20.19	20.23	20.17	20.13		
20	16QAM	100	0	20.17	20.18	20.13	20.10		
20	64QAM	1	0	20.08	20.18	20.10	20.15	21.8	2
20	64QAM	1	49	20.22	20.24	20.14	20.20		
20	64QAM	1	99	20.18	20.21	20.14	20.14		
20	64QAM	50	0	19.18	19.24	19.15	19.14	20.8	3
20	64QAM	50	24	19.08	19.17	19.13	19.10		
20	64QAM	50	50	19.12	19.17	19.09	19.06		
20	64QAM	100	0	19.09	19.18	19.14	19.12		
20	256QAM	1	0	17.17	17.23	17.17	17.14	18.8	5
20	256QAM	1	49	17.16	17.21	17.11	17.12		
20	256QAM	1	99	17.14	17.22	17.12	17.11		
20	256QAM	50	0	17.15	17.18	17.09	17.11	18.8	5
20	256QAM	50	24	17.18	17.20	17.19	17.19		
20	256QAM	50	50	17.10	17.15	17.06	17.13		
20	256QAM	100	0	17.10	17.16	17.12	17.13		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.97	22.12	21.93	22.10	23.8	0
15	QPSK	1	37	22.00	22.06	22.03	22.12		
15	QPSK	1	74	22.02	22.09	22.05	22.04		
15	QPSK	36	0	21.03	21.12	21.06	21.12	22.8	1
15	QPSK	36	20	21.07	21.13	21.06	21.04		
15	QPSK	36	39	20.98	21.05	21.03	21.07		
15	QPSK	75	0	20.99	21.00	20.91	20.89		
15	16QAM	1	0	20.97	21.03	21.01	21.00	22.8	1
15	16QAM	1	37	21.06	21.03	20.93	20.98		
15	16QAM	1	74	21.15	21.11	21.06	21.14		
15	16QAM	36	0	20.05	20.20	20.10	20.10	21.8	2
15	16QAM	36	20	20.09	20.14	19.95	20.07		
15	16QAM	36	39	20.09	20.21	20.12	20.06		
15	16QAM	75	0	20.06	20.16	20.10	20.05		
15	64QAM	1	0	20.01	20.08	20.08	20.10	21.8	2
15	64QAM	1	37	20.12	20.18	20.09	20.15		
15	64QAM	1	74	20.11	20.19	20.12	20.05		
15	64QAM	36	0	19.11	19.17	19.11	19.10	20.8	3
15	64QAM	36	20	19.02	19.11	19.10	19.03		
15	64QAM	36	39	19.02	19.08	19.06	19.04		
15	64QAM	75	0	18.99	19.13	19.12	19.04		
15	256QAM	1	0	17.16	17.17	17.09	17.07	18.8	5
15	256QAM	1	37	17.09	17.13	17.08	17.02		
15	256QAM	1	74	17.04	17.16	17.02	17.08		
15	256QAM	36	0	17.12	17.11	16.98	17.04	18.8	5
15	256QAM	36	20	17.09	17.13	17.16	17.15		
15	256QAM	36	39	17.07	17.05	17.03	17.05		
15	256QAM	75	0	17.07	17.13	17.05	17.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.99	22.15	21.95	22.11	23.8	0
10	QPSK	1	25	22.05	22.11	22.10	22.10		
10	QPSK	1	49	22.05	22.12	22.02	22.04		
10	QPSK	25	0	21.03	21.14	21.05	21.08	22.8	1
10	QPSK	25	12	21.06	21.11	21.08	21.08		
10	QPSK	25	25	20.99	21.14	20.98	21.03		
10	QPSK	50	0	20.98	20.96	20.94	20.96		
10	16QAM	1	0	21.01	21.04	20.97	20.96	22.8	1
10	16QAM	1	25	21.01	21.05	20.94	20.98		
10	16QAM	1	49	21.14	21.16	21.09	21.07		
10	16QAM	25	0	20.04	20.16	20.08	20.13	21.8	2
10	16QAM	25	12	20.04	20.05	19.96	20.06		
10	16QAM	25	25	20.12	20.21	20.09	20.08		
10	16QAM	50	0	20.15	20.13	20.02	20.00		
10	64QAM	1	0	20.01	20.13	20.08	20.14	21.8	2
10	64QAM	1	25	20.18	20.15	20.08	20.09		
10	64QAM	1	49	20.08	20.12	20.06	20.10		
10	64QAM	25	0	19.07	19.22	19.13	19.06	20.8	3
10	64QAM	25	12	19.03	19.06	19.09	19.00		
10	64QAM	25	25	19.11	19.06	19.03	18.98		
10	64QAM	50	0	19.04	19.12	19.05	19.11		
10	256QAM	1	0	17.10	17.17	17.12	17.06	18.8	5
10	256QAM	1	25	17.07	17.16	17.08	17.11		
10	256QAM	1	49	17.10	17.21	17.07	17.05		
10	256QAM	25	0	17.08	17.14	17.03	17.04	18.8	5
10	256QAM	25	12	17.17	17.10	17.12	17.16		
10	256QAM	25	25	17.02	17.04	17.01	17.06		
10	256QAM	50	0	17.01	17.06	17.09	17.09		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.98	22.10	21.91	22.12	23.8	0
5	QPSK	1	12	22.06	22.15	22.09	22.10		
5	QPSK	1	24	22.07	22.06	22.06	22.05		
5	QPSK	12	0	21.03	21.15	21.06	21.08	22.8	1
5	QPSK	12	7	20.98	21.13	21.00	21.04		
5	QPSK	12	13	20.97	21.13	20.99	21.01		
5	QPSK	25	0	20.93	21.01	20.95	20.88		
5	16QAM	1	0	20.94	21.03	20.99	20.99	22.8	1
5	16QAM	1	12	21.01	21.09	20.95	21.06		
5	16QAM	1	24	21.13	21.14	21.11	21.07		
5	16QAM	12	0	20.03	20.18	20.08	20.10	21.8	2
5	16QAM	12	7	20.03	20.06	19.99	20.11		
5	16QAM	12	13	20.08	20.18	20.15	20.03		
5	16QAM	25	0	20.09	20.08	20.10	20.00		
5	64QAM	1	0	20.02	20.13	20.06	20.07	21.8	2
5	64QAM	1	12	20.20	20.21	20.08	20.10		
5	64QAM	1	24	20.10	20.11	20.04	20.08		
5	64QAM	12	0	19.12	19.21	19.07	19.08	20.8	3
5	64QAM	12	7	19.02	19.11	19.04	19.03		
5	64QAM	12	13	19.10	19.08	19.06	19.02		
5	64QAM	25	0	19.07	19.08	19.08	19.03		
5	256QAM	1	0	17.12	17.13	17.07	17.09	18.8	5
5	256QAM	1	12	17.09	17.18	17.08	17.08		
5	256QAM	1	24	17.10	17.18	17.07	17.08		
5	256QAM	12	0	17.06	17.09	17.07	17.01	18.8	5
5	256QAM	12	7	17.09	17.15	17.11	17.09		
5	256QAM	12	13	17.03	17.09	17.02	17.10		
5	256QAM	25	0	17.06	17.11	17.11	17.03		

GSM1900 Ant5 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	29.35	29.69	29.80	31.00	20.35	20.69	20.80	22.00
GPRS 1 Tx slot	29.69	29.75	29.61	31.00	20.69	20.75	20.61	22.00
GPRS 2 Tx slots	26.56	26.59	26.51	28.00	20.56	20.59	20.51	22.00
GPRS 3 Tx slots	24.54	24.65	24.55	26.20	20.28	20.39	20.29	21.94
GPRS 4 Tx slots	23.08	23.13	23.09	25.00	20.06	20.13	20.09	22.00
EDGE 1 Tx slot	24.35	24.39	24.35	25.50	15.35	15.39	15.35	16.50
EDGE 2 Tx slots	21.93	22.01	21.99	22.50	15.93	16.01	15.99	16.50
EDGE 3 Tx slots	20.19	20.27	20.19	20.70	15.93	16.01	15.93	16.44
EDGE 4 Tx slots	18.75	18.83	18.77	19.50	15.75	15.83	15.77	16.50

WCDMA II Ant5 Default

WCDMA IV Ant5 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	1732.4	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.02	24.06	23.92	25.00	24.10	24.14	24.05	25.00
3GPP Rel 99	RMC 12.2Kbps	24.05	24.15	24.01	25.00	24.16	24.17	24.07	25.00
3GPP Rel 6	HSDPA Subtest-1	22.83	23.22	22.92	24.00	22.95	23.29	23.02	24.00
3GPP Rel 6	HSDPA Subtest-2	22.87	23.07	23.09	24.00	22.96	23.20	23.14	24.00
3GPP Rel 6	HSDPA Subtest-3	22.41	22.87	22.41	23.50	22.55	22.78	22.51	23.50
3GPP Rel 6	HSDPA Subtest-4	22.44	22.43	22.46	23.50	22.52	22.52	22.53	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.86	22.96	22.74	24.00	23.01	23.10	22.86	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.72	22.96	23.05	24.00	22.86	23.07	23.15	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.55	22.57	22.57	23.50	22.62	22.72	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.57	22.40	22.41	23.50	22.64	22.52	22.55	23.50
3GPP Rel 6	HSUPA Subtest-1	22.97	23.02	23.08	24.00	23.04	23.15	23.13	24.00
3GPP Rel 6	HSUPA Subtest-2	20.95	21.03	21.10	22.00	21.06	21.11	21.17	22.00
3GPP Rel 6	HSUPA Subtest-3	21.92	22.07	22.08	23.00	22.00	22.16	22.16	23.00
3GPP Rel 6	HSUPA Subtest-4	20.78	21.11	20.81	22.00	20.86	21.25	20.92	22.00
3GPP Rel 6	HSUPA Subtest-5	22.71	23.10	22.94	24.00	22.85	23.24	22.99	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest5	20.36	20.41	20.32	21.50	20.46	20.51	20.46	21.50

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	23.85	23.99	23.90	25	0
20	QPSK	1	49	23.88	23.93	23.83		
20	QPSK	1	99	23.85	23.89	23.82		
20	QPSK	50	0	22.90	23.07	22.93	24	1
20	QPSK	50	24	22.90	23.05	22.90		
20	QPSK	50	50	22.82	22.91	22.83		
20	QPSK	100	0	22.95	22.96	22.90		
20	16QAM	1	0	22.91	22.98	22.92	24	1
20	16QAM	1	49	22.81	22.87	22.80		
20	16QAM	1	99	22.82	22.90	22.88		
20	16QAM	50	0	21.74	21.85	21.75	23	2
20	16QAM	50	24	21.72	21.77	21.71		
20	16QAM	50	50	21.74	21.82	21.72		
20	16QAM	100	0	21.93	21.97	21.93		
20	64QAM	1	0	21.78	21.86	21.78	23	2
20	64QAM	1	49	21.66	21.75	21.68		
20	64QAM	1	99	21.66	21.75	21.66		
20	64QAM	50	0	20.54	20.62	20.59	22	3
20	64QAM	50	24	20.45	20.56	20.48		
20	64QAM	50	50	20.42	20.53	20.42		
20	64QAM	100	0	20.70	20.79	20.73		
20	256QAM	1	0	19.09	19.15	19.13	20	5
20	256QAM	1	49	18.94	19.04	18.96		
20	256QAM	1	99	19.08	19.10	19.02		
20	256QAM	50	0	18.65	18.72	18.68	20	5
20	256QAM	50	24	18.61	18.62	18.56		
20	256QAM	50	50	18.65	18.69	18.62		
20	256QAM	100	0	18.62	18.72	18.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.79	23.93	23.87	25	0
15	QPSK	1	37	23.79	23.88	23.77		
15	QPSK	1	74	23.80	23.85	23.76		
15	QPSK	36	0	22.83	22.92	22.88	24	1
15	QPSK	36	20	22.86	22.89	22.83		
15	QPSK	36	39	22.78	22.82	22.77		
15	QPSK	75	0	22.90	22.93	22.86		
15	16QAM	1	0	22.86	22.88	22.85	24	1
15	16QAM	1	37	22.78	22.84	22.74		
15	16QAM	1	74	22.74	22.86	22.85		
15	16QAM	36	0	21.68	21.82	21.70	23	2
15	16QAM	36	20	21.63	21.69	21.61		
15	16QAM	36	39	21.67	21.80	21.69		
15	16QAM	75	0	21.87	21.93	21.90		
15	64QAM	1	0	21.74	21.79	21.68	23	2
15	64QAM	1	37	21.57	21.68	21.57		
15	64QAM	1	74	21.61	21.72	21.59		
15	64QAM	36	0	20.45	20.51	20.54	22	3
15	64QAM	36	20	20.44	20.48	20.42		
15	64QAM	36	39	20.35	20.49	20.34		
15	64QAM	75	0	20.65	20.74	20.64		
15	256QAM	1	0	19.08	19.13	19.11	20	5
15	256QAM	1	37	18.85	18.99	18.95		
15	256QAM	1	74	18.97	19.08	18.97		
15	256QAM	36	0	18.61	18.67	18.67	20	5
15	256QAM	36	20	18.53	18.57	18.48		
15	256QAM	36	39	18.60	18.64	18.54		
15	256QAM	75	0	18.57	18.62	18.60		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.75	23.92	23.84	25	0
10	QPSK	1	25	23.86	23.85	23.73		
10	QPSK	1	49	23.75	23.81	23.77		
10	QPSK	25	0	22.83	22.87	22.90	24	1
10	QPSK	25	12	22.87	22.90	22.88		
10	QPSK	25	25	22.79	22.87	22.81		
10	QPSK	50	0	22.90	22.87	22.87		
10	16QAM	1	0	22.83	22.87	22.84	24	1
10	16QAM	1	25	22.79	22.82	22.75		
10	16QAM	1	49	22.76	22.88	22.78		
10	16QAM	25	0	21.69	21.78	21.68	23	2
10	16QAM	25	12	21.65	21.75	21.64		
10	16QAM	25	25	21.73	21.77	21.63		
10	16QAM	50	0	21.91	21.86	21.94		
10	64QAM	1	0	21.69	21.83	21.71	23	2
10	64QAM	1	25	21.63	21.67	21.61		
10	64QAM	1	49	21.63	21.73	21.57		
10	64QAM	25	0	20.48	20.51	20.50	22	3
10	64QAM	25	12	20.43	20.54	20.45		
10	64QAM	25	25	20.37	20.48	20.37		
10	64QAM	50	0	20.60	20.74	20.67		
10	256QAM	1	0	19.07	19.04	19.06	20	5
10	256QAM	1	25	18.86	18.98	18.87		
10	256QAM	1	49	19.02	19.02	18.95		
10	256QAM	25	0	18.60	18.63	18.66	20	5
10	256QAM	25	12	18.59	18.58	18.47		
10	256QAM	25	25	18.54	18.60	18.53		
10	256QAM	50	0	18.61	18.61	18.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.76	23.96	23.82	25	0
5	QPSK	1	12	23.87	23.89	23.79		
5	QPSK	1	24	23.80	23.86	23.78		
5	QPSK	12	0	22.89	22.86	22.91	24	1
5	QPSK	12	7	22.87	22.86	22.82		
5	QPSK	12	13	22.78	22.83	22.76		
5	QPSK	25	0	22.89	22.86	22.81		
5	16QAM	1	0	22.86	22.93	22.84	24	1
5	16QAM	1	12	22.74	22.82	22.77		
5	16QAM	1	24	22.80	22.80	22.85		
5	16QAM	12	0	21.76	21.85	21.65	23	2
5	16QAM	12	7	21.64	21.68	21.66		
5	16QAM	12	13	21.63	21.80	21.61		
5	16QAM	25	0	21.85	21.87	21.92		
5	64QAM	1	0	21.76	21.84	21.69	23	2
5	64QAM	1	12	21.60	21.67	21.66		
5	64QAM	1	24	21.57	21.72	21.58		
5	64QAM	12	0	20.48	20.58	20.49	22	3
5	64QAM	12	7	20.43	20.59	20.45		
5	64QAM	12	13	20.39	20.46	20.37		
5	64QAM	25	0	20.59	20.76	20.65		
5	256QAM	1	0	19.05	19.09	19.04	20	5
5	256QAM	1	12	18.90	19.02	18.88		
5	256QAM	1	24	19.00	19.09	18.99		
5	256QAM	12	0	18.56	18.65	18.67	20	5
5	256QAM	12	7	18.54	18.61	18.53		
5	256QAM	12	13	18.56	18.64	18.61		
5	256QAM	25	0	18.56	18.63	18.61		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.77	23.89	23.86	25	0
3	QPSK	1	8	23.86	23.91	23.80		
3	QPSK	1	14	23.78	23.86	23.72		
3	QPSK	8	0	22.87	22.94	22.91	24	1
3	QPSK	8	4	22.82	22.92	22.82		
3	QPSK	8	7	22.77	22.89	22.77		
3	QPSK	15	0	22.91	22.93	22.82		
3	16QAM	1	0	22.84	22.93	22.88	24	1
3	16QAM	1	8	22.74	22.80	22.76		
3	16QAM	1	14	22.74	22.84	22.78		
3	16QAM	8	0	21.69	21.83	21.74	23	2
3	16QAM	8	4	21.67	21.67	21.67		
3	16QAM	8	7	21.73	21.73	21.62		
3	16QAM	15	0	21.84	21.94	21.86		
3	64QAM	1	0	21.67	21.77	21.68	23	2
3	64QAM	1	8	21.56	21.72	21.58		
3	64QAM	1	14	21.55	21.73	21.57		
3	64QAM	8	0	20.47	20.57	20.49	22	3
3	64QAM	8	4	20.38	20.46	20.43		
3	64QAM	8	7	20.32	20.47	20.36		
3	64QAM	15	0	20.64	20.72	20.65		
3	256QAM	1	0	19.04	19.11	19.02	20	5
3	256QAM	1	8	18.87	18.97	18.92		
3	256QAM	1	14	18.98	19.00	18.98		
3	256QAM	8	0	18.58	18.69	18.58	20	5
3	256QAM	8	4	18.50	18.58	18.54		
3	256QAM	8	7	18.55	18.66	18.53		
3	256QAM	15	0	18.51	18.65	18.61		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.82	23.92	23.88	25	0
1.4	QPSK	1	3	23.84	23.83	23.75		
1.4	QPSK	1	5	23.76	23.83	23.81		
1.4	QPSK	3	0	23.80	23.96	23.87		
1.4	QPSK	3	1	23.86	23.88	23.78		
1.4	QPSK	3	3	23.83	23.86	23.79		
1.4	QPSK	6	0	22.88	22.91	22.88	24	1
1.4	16QAM	1	0	22.83	22.96	22.83	24	1
1.4	16QAM	1	3	22.80	22.81	22.70		
1.4	16QAM	1	5	22.73	22.85	22.85		
1.4	16QAM	3	0	22.83	22.91	22.87		
1.4	16QAM	3	1	22.78	22.82	22.78		
1.4	16QAM	3	3	22.74	22.80	22.84		
1.4	16QAM	6	0	21.82	21.92	21.86	23	2
1.4	64QAM	1	0	21.72	21.85	21.69	23	2
1.4	64QAM	1	3	21.60	21.68	21.67		
1.4	64QAM	1	5	21.59	21.69	21.63		
1.4	64QAM	3	0	21.72	21.79	21.77		
1.4	64QAM	3	1	21.57	21.72	21.60		
1.4	64QAM	3	3	21.56	21.68	21.64		
1.4	64QAM	6	0	20.65	20.75	20.69	22	3
1.4	256QAM	1	0	19.06	19.08	19.10	20	5
1.4	256QAM	1	3	18.90	18.99	18.88		
1.4	256QAM	1	5	19.00	19.02	18.93		
1.4	256QAM	3	0	18.60	18.70	18.63		
1.4	256QAM	3	1	18.52	18.58	18.51		
1.4	256QAM	3	3	18.64	18.61	18.52		
1.4	256QAM	6	0	18.53	18.68	18.66	20	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	24.66	24.79	24.74	25.7	0
20	QPSK	1	49	24.76	24.71	24.61		
20	QPSK	1	99	24.67	24.70	24.61		
20	QPSK	50	0	23.58	23.69	23.56	24.7	1
20	QPSK	50	24	23.54	23.68	23.55		
20	QPSK	50	50	23.46	23.56	23.51		
20	QPSK	100	0	23.66	23.69	23.63		
20	16QAM	1	0	23.72	23.82	23.71	24.7	1
20	16QAM	1	49	23.58	23.60	23.51		
20	16QAM	1	99	23.41	23.51	23.40		
20	16QAM	50	0	22.59	22.63	22.61	23.7	2
20	16QAM	50	24	22.49	22.52	22.49		
20	16QAM	50	50	22.59	22.61	22.60		
20	16QAM	100	0	22.69	22.71	22.66		
20	64QAM	1	0	23.26	23.30	23.25	23.7	2
20	64QAM	1	49	22.54	22.56	22.51		
20	64QAM	1	99	22.52	22.59	22.56		
20	64QAM	50	0	21.59	21.69	21.62	22.7	3
20	64QAM	50	24	21.55	21.62	21.59		
20	64QAM	50	50	21.55	21.63	21.59		
20	64QAM	100	0	21.71	21.70	21.70		
20	256QAM	1	0	19.54	19.65	19.56	20.7	5
20	256QAM	1	49	19.57	19.58	19.57		
20	256QAM	1	99	19.55	19.58	19.50		
20	256QAM	50	0	19.58	19.67	19.64	20.7	5
20	256QAM	50	24	19.49	19.54	19.44		
20	256QAM	50	50	19.57	19.59	19.52		
20	256QAM	100	0	19.54	19.64	19.46		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.57	24.69	24.65	25.7	0
15	QPSK	1	37	24.67	24.65	24.58		
15	QPSK	1	74	24.57	24.66	24.52		
15	QPSK	36	0	23.55	23.55	23.45	24.7	1
15	QPSK	36	20	23.48	23.54	23.54		
15	QPSK	36	39	23.47	23.46	23.46		
15	QPSK	75	0	23.63	23.65	23.59		
15	16QAM	1	0	23.66	23.75	23.62	24.7	1
15	16QAM	1	37	23.50	23.50	23.45		
15	16QAM	1	74	23.39	23.47	23.34		
15	16QAM	36	0	22.52	22.62	22.51	23.7	2
15	16QAM	36	20	22.39	22.44	22.40		
15	16QAM	36	39	22.55	22.54	22.56		
15	16QAM	75	0	22.74	22.66	22.57		
15	64QAM	1	0	23.24	23.28	23.15	23.7	2
15	64QAM	1	37	22.50	22.50	22.43		
15	64QAM	1	74	22.42	22.52	22.53		
15	64QAM	36	0	21.56	21.61	21.51	22.7	3
15	64QAM	36	20	21.53	21.60	21.56		
15	64QAM	36	39	21.50	21.56	21.53		
15	64QAM	75	0	21.52	21.62	21.65		
15	256QAM	1	0	19.51	19.64	19.46	20.7	5
15	256QAM	1	37	19.47	19.53	19.51		
15	256QAM	1	74	19.46	19.51	19.41		
15	256QAM	36	0	19.49	19.57	19.54	20.7	5
15	256QAM	36	20	19.40	19.44	19.36		
15	256QAM	36	39	19.55	19.52	19.43		
15	256QAM	75	0	19.50	19.60	19.53		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.60	24.77	24.70	25.7	0
10	QPSK	1	25	24.62	24.63	24.55		
10	QPSK	1	49	24.60	24.69	24.60		
10	QPSK	25	0	23.49	23.58	23.49	24.7	1
10	QPSK	25	12	23.49	23.54	23.54		
10	QPSK	25	25	23.52	23.45	23.47		
10	QPSK	50	0	23.60	23.60	23.62		
10	16QAM	1	0	23.68	23.80	23.63	24.7	1
10	16QAM	1	25	23.56	23.55	23.45		
10	16QAM	1	49	23.37	23.46	23.35		
10	16QAM	25	0	22.51	22.53	22.58	23.7	2
10	16QAM	25	12	22.45	22.42	22.47		
10	16QAM	25	25	22.50	22.55	22.52		
10	16QAM	50	0	22.65	22.60	22.62		
10	64QAM	1	0	23.17	23.20	23.18	23.7	2
10	64QAM	1	25	22.46	22.52	22.44		
10	64QAM	1	49	22.44	22.51	22.52		
10	64QAM	25	0	21.52	21.60	21.58	22.7	3
10	64QAM	25	12	21.51	21.59	21.50		
10	64QAM	25	25	21.45	21.59	21.49		
10	64QAM	50	0	21.55	21.64	21.65		
10	256QAM	1	0	19.53	19.55	19.58	20.7	5
10	256QAM	1	25	19.53	19.48	19.54		
10	256QAM	1	49	19.53	19.48	19.41		
10	256QAM	25	0	19.50	19.57	19.54	20.7	5
10	256QAM	25	12	19.41	19.44	19.36		
10	256QAM	25	25	19.55	19.57	19.42		
10	256QAM	50	0	19.52	19.56	19.46		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.65	24.71	24.68	25.7	0
5	QPSK	1	12	24.65	24.62	24.56		
5	QPSK	1	24	24.59	24.65	24.54		
5	QPSK	12	0	23.54	23.57	23.50	24.7	1
5	QPSK	12	7	23.49	23.46	23.46		
5	QPSK	12	13	23.46	23.51	23.44		
5	QPSK	25	0	23.61	23.63	23.53		
5	16QAM	1	0	23.64	23.80	23.69	24.7	1
5	16QAM	1	12	23.54	23.50	23.40		
5	16QAM	1	24	23.32	23.45	23.37		
5	16QAM	12	0	22.57	22.54	22.56	23.7	2
5	16QAM	12	7	22.48	22.44	22.44		
5	16QAM	12	13	22.53	22.58	22.58		
5	16QAM	25	0	22.67	22.67	22.63		
5	64QAM	1	0	23.24	23.25	23.23	23.7	2
5	64QAM	1	12	22.48	22.45	22.45		
5	64QAM	1	24	22.43	22.51	22.53		
5	64QAM	12	0	21.59	21.61	21.61	22.7	3
5	64QAM	12	7	21.46	21.55	21.55		
5	64QAM	12	13	21.53	21.57	21.56		
5	64QAM	25	0	21.51	21.69	21.69		
5	256QAM	1	0	19.46	19.55	19.54	20.7	5
5	256QAM	1	12	19.48	19.50	19.58		
5	256QAM	1	24	19.47	19.50	19.44		
5	256QAM	12	0	19.56	19.65	19.60	20.7	5
5	256QAM	12	7	19.43	19.52	19.38		
5	256QAM	12	13	19.48	19.56	19.50		
5	256QAM	25	0	19.44	19.54	19.52		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.61	24.69	24.68	25.7	0
3	QPSK	1	8	24.61	24.64	24.54		
3	QPSK	1	14	24.57	24.65	24.56		
3	QPSK	8	0	23.51	23.55	23.49	24.7	1
3	QPSK	8	4	23.45	23.52	23.50		
3	QPSK	8	7	23.43	23.49	23.44		
3	QPSK	15	0	23.58	23.65	23.57		
3	16QAM	1	0	23.66	23.75	23.68	24.7	1
3	16QAM	1	8	23.57	23.59	23.43		
3	16QAM	1	14	23.35	23.44	23.29		
3	16QAM	8	0	22.48	22.59	22.56	23.7	2
3	16QAM	8	4	22.44	22.45	22.47		
3	16QAM	8	7	22.51	22.60	22.50		
3	16QAM	15	0	22.63	22.65	22.60		
3	64QAM	1	0	23.22	23.28	23.20	23.7	2
3	64QAM	1	8	22.46	22.50	22.47		
3	64QAM	1	14	22.44	22.54	22.45		
3	64QAM	8	0	21.56	21.64	21.57	22.7	3
3	64QAM	8	4	21.46	21.56	21.53		
3	64QAM	8	7	21.46	21.54	21.52		
3	64QAM	15	0	21.55	21.68	21.66		
3	256QAM	1	0	19.49	19.58	19.55	20.7	5
3	256QAM	1	8	19.46	19.54	19.48		
3	256QAM	1	14	19.47	19.53	19.43		
3	256QAM	8	0	19.50	19.59	19.61	20.7	5
3	256QAM	8	4	19.38	19.43	19.37		
3	256QAM	8	7	19.49	19.48	19.45		
3	256QAM	15	0	19.50	19.58	19.53		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.63	24.76	24.67	25.7	0
1.4	QPSK	1	3	24.64	24.70	24.50		
1.4	QPSK	1	5	24.63	24.66	24.52		
1.4	QPSK	3	0	24.57	24.74	24.73		
1.4	QPSK	3	1	24.66	24.69	24.55		
1.4	QPSK	3	3	24.65	24.61	24.55		
1.4	QPSK	6	0	23.58	23.59	23.59	24.7	1
1.4	16QAM	1	0	23.66	23.71	23.69	24.7	1
1.4	16QAM	1	3	23.57	23.50	23.47		
1.4	16QAM	1	5	23.39	23.48	23.33		
1.4	16QAM	3	0	23.71	23.73	23.65		
1.4	16QAM	3	1	23.47	23.50	23.49		
1.4	16QAM	3	3	23.38	23.42	23.31		
1.4	16QAM	6	0	22.60	22.61	22.62	23.7	2
1.4	64QAM	1	0	23.22	23.23	23.20	23.7	2
1.4	64QAM	1	3	22.44	22.54	22.49		
1.4	64QAM	1	5	22.46	22.55	22.51		
1.4	64QAM	3	0	23.17	23.29	23.24		
1.4	64QAM	3	1	22.51	22.52	22.42		
1.4	64QAM	3	3	22.41	22.57	22.52		
1.4	64QAM	6	0	21.56	21.64	21.65	22.7	3
1.4	256QAM	1	0	19.46	19.60	19.49	20.7	5
1.4	256QAM	1	3	19.55	19.49	19.48		
1.4	256QAM	1	5	19.53	19.48	19.47		
1.4	256QAM	3	0	19.48	19.64	19.56		
1.4	256QAM	3	1	19.43	19.47	19.34		
1.4	256QAM	3	3	19.53	19.48	19.44		
1.4	256QAM	6	0	19.44	19.53	19.56	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.86	24.95	24.84	25.7	0
20	QPSK	1	49	24.79	24.87	24.79		
20	QPSK	1	99	24.78	24.85	24.83		
20	QPSK	50	0	23.91	23.96	23.85	24.7	1
20	QPSK	50	24	23.82	23.95	23.87		
20	QPSK	50	50	23.84	23.91	23.85		
20	QPSK	100	0	23.74	23.78	23.70		
20	16QAM	1	0	23.83	23.84	23.74	24.7	1
20	16QAM	1	49	23.71	23.82	23.74		
20	16QAM	1	99	23.67	23.73	23.68		
20	16QAM	50	0	22.70	22.75	22.72	23.7	2
20	16QAM	50	24	22.69

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BW [MHz]	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)				2590	2595	2610		
20	QPSK	1	0	25.19	25.24	25.17	25.7	0
20	QPSK	1	49	25.14	25.18	25.16		
20	QPSK	1	99	25.22	25.23	25.21		
20	QPSK	50	0	24.16	24.32	24.20	24.7	1
20	QPSK	50	24	24.08	24.29	24.13		
20	QPSK	50	50	24.12	24.17	24.15		
20	QPSK	100	0	24.12	24.21	24.19		
20	16QAM	1	0	24.22	24.31	24.30	24.7	1
20	16QAM	1	49	24.07	24.15	24.09		
20	16QAM	1	99	24.14	24.18	24.15		
20	16QAM	50	0	23.34	23.35	23.28	23.7	2
20	16QAM	50	24	23.23	23.28	23.19		
20	16QAM	50	50	23.26	23.34	23.24		
20	16QAM	100	0	23.15	23.21	23.11		
20	64QAM	1	0	23.38	23.43	23.33	23.7	2
20	64QAM	1	49	23.24	23.29	23.27		
20	64QAM	1	99	23.31	23.32	23.23		
20	64QAM	50	0	22.20	22.31	22.29	22.7	3
20	64QAM	50	24	22.18	22.25	22.23		
20	64QAM	50	50	22.18	22.26	22.21		
20	64QAM	100	0	22.18	22.20	22.11		
20	256QAM	1	0	20.09	20.14	20.07	20.7	5
20	256QAM	1	49	20.02	20.08	20.05		
20	256QAM	1	99	19.96	20.05	19.99		
20	256QAM	50	0	20.20	20.22	20.14	20.7	5
20	256QAM	50	24	20.06	20.11	20.03		
20	256QAM	50	50	20.03	20.07	19.98		
20	256QAM	100	0	20.17	20.20	20.11		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.18	25.16	25.12	25.7	0
15	QPSK	1	37	25.08	25.14	25.10		
15	QPSK	1	74	25.15	25.17	25.15		
15	QPSK	36	0	24.12	24.16	24.11	24.7	1
15	QPSK	36	20	24.06	24.08	24.07		
15	QPSK	36	39	24.01	24.15	24.10		
15	QPSK	75	0	24.03	24.17	24.11		
15	16QAM	1	0	24.19	24.22	24.27	24.7	1
15	16QAM	1	37	23.97	24.10	23.98		
15	16QAM	1	74	24.10	24.10	24.14		
15	16QAM	36	0	23.32	23.33	23.18	23.7	2
15	16QAM	36	20	23.17	23.23	23.17		
15	16QAM	36	39	23.15	23.23	23.19		
15	16QAM	75	0	23.09	23.13	23.05		
15	64QAM	1	0	23.35	23.33	23.24	23.7	2
15	64QAM	1	37	23.16	23.24	23.25		
15	64QAM	1	74	23.24	23.26	23.20		
15	64QAM	36	0	22.10	22.28	22.18	22.7	3
15	64QAM	36	20	22.17	22.17	22.18		
15	64QAM	36	39	22.08	22.22	22.16		
15	64QAM	75	0	22.16	22.14	22.03		
15	256QAM	1	0	19.99	20.08	19.97	20.7	5
15	256QAM	1	37	19.98	20.02	19.96		
15	256QAM	1	74	19.91	20.03	19.89		
15	256QAM	36	0	20.17	20.19	20.10	20.7	5
15	256QAM	36	20	20.04	20.00	19.98		
15	256QAM	36	39	19.92	20.04	19.97		
15	256QAM	75	0	20.13	20.16	20.10		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.18	25.13	25.16	25.7	0
10	QPSK	1	25	25.12	25.13	25.07		
10	QPSK	1	49	25.18	25.19	25.16		
10	QPSK	25	0	24.15	24.21	24.17	24.7	1
10	QPSK	25	12	23.97	24.10	24.08		
10	QPSK	25	25	24.04	24.12	24.14		
10	QPSK	50	0	24.01	24.20	24.17		
10	16QAM	1	0	24.14	24.24	24.20	24.7	1
10	16QAM	1	25	24.00	24.10	24.01		
10	16QAM	1	49	24.04	24.09	24.11		
10	16QAM	25	0	23.27	23.30	23.25	23.7	2
10	16QAM	25	12	23.21	23.20	23.12		
10	16QAM	25	25	23.22	23.31	23.16		
10	16QAM	50	0	23.08	23.11	23.02		
10	64QAM	1	0	23.31	23.38	23.24	23.7	2
10	64QAM	1	25	23.22	23.22	23.25		
10	64QAM	1	49	23.26	23.24	23.17		
10	64QAM	25	0	22.10	22.27	22.23	22.7	3
10	64QAM	25	12	22.07	22.19	22.19		
10	64QAM	25	25	22.13	22.16	22.16		
10	64QAM	50	0	22.13	22.18	22.06		
10	256QAM	1	0	20.07	20.04	20.00	20.7	5
10	256QAM	1	25	19.97	20.03	19.97		
10	256QAM	1	49	19.91	19.96	19.90		
10	256QAM	25	0	20.09	20.17	20.04	20.7	5
10	256QAM	25	12	20.01	20.04	19.99		
10	256QAM	25	25	20.01	20.06	19.96		
10	256QAM	50	0	20.12	20.16	20.05		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	25.15	25.14	25.08	25.7	0
5	QPSK	1	12	25.04	25.09	25.15		
5	QPSK	1	24	25.11	25.16	25.11		
5	QPSK	12	0	24.08	24.14	24.12	24.7	1
5	QPSK	12	7	23.99	24.11	24.08		
5	QPSK	12	13	24.02	24.11	24.05		
5	QPSK	25	0	24.05	24.17	24.17		
5	16QAM	1	0	24.14	24.23	24.25	24.7	1
5	16QAM	1	12	24.04	24.09	24.03		
5	16QAM	1	24	24.06	24.09	24.12		
5	16QAM	12	0	23.23	23.25	23.26	23.7	2
5	16QAM	12	7	23.15	23.20	23.16		
5	16QAM	12	13	23.25	23.24	23.19		
5	16QAM	25	0	23.09	23.15	23.02		
5	64QAM	1	0	23.38	23.35	23.27	23.7	2
5	64QAM	1	12	23.19	23.27	23.25		
5	64QAM	1	24	23.22	23.28	23.21		
5	64QAM	12	0	22.15	22.24	22.25	22.7	3
5	64QAM	12	7	22.11	22.23	22.19		
5	64QAM	12	13	22.14	22.20	22.15		
5	64QAM	25	0	22.07	22.12	22.06		
5	256QAM	1	0	19.98	20.04	19.98	20.7	5
5	256QAM	1	12	19.97	20.01	19.95		
5	256QAM	1	24	19.94	20.00	19.94		
5	256QAM	12	0	20.11	20.19	20.05	20.7	5
5	256QAM	12	7	20.00	20.08	19.97		
5	256QAM	12	13	20.01	19.98	19.93		
5	256QAM	25	0	20.11	20.10	20.02		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.11	25.12	25.24	25.20	25.11	25.7	0
20	QPSK	1	49	25.13	25.09	25.14	25.07	25.06		
20	QPSK	1	99	25.17	25.12	25.22	25.17	25.13		
20	QPSK	50	0	23.87	23.84	24.06	23.89	23.86	24.7	1
20	QPSK	50	24	23.83	23.83	24.05	23.80	23.79		
20	QPSK	50	50	23.81	23.83	23.91	23.82	23.89		
20	QPSK	100	0	23.88	23.84	23.90	23.81	23.83		
20	16QAM	1	0	23.85	23.85	23.94	23.90	23.86	24.7	1
20	16QAM	1	49	23.78	23.82	23.89	23.87	23.82		
20	16QAM	1	99	23.84	23.82	23.90	23.83	23.84		
20	16QAM	50	0	22.92	22.91	22.97	22.92	22.95	23.7	2
20	16QAM	50	24	22.83	22.88	22.90	22.84	22.82		
20	16QAM	50	50	22.81	22.87	22.92	22.81	22.83		
20	16QAM	100	0	22.84	22.89	22.95	22.88	22.90		
20	64QAM	1	0	22.97	22.95	23.05	22.95	23.02	23.7	2
20	64QAM	1	49	22.90	22.90	22.96	22.93	22.87		
20	64QAM	1	99	22.90	22.90	22.93	22.89	22.84		
20	64QAM	50	0	21.91	21.86	21.96	21.95	21.90	22.7	3
20	64QAM	50	24	21.83	21.85	21.89	21.81	21.88		
20	64QAM	50	50	21.85	21.82	21.88	21.79	21.85		
20	64QAM	100	0	21.95	21.89	21.98	21.94	21.97		
20	256QAM	1	0	19.93	19.89	19.95	19.88	19.90	20.7	5
20	256QAM	1	49	19.84	19.90	19.92	19.81	19.82		
20	256QAM	1	99	19.89	19.84	19.92	19.86	19.90		
20	256QAM	50	0	19.87	19.87	19.95	19.90	19.87	20.7	5
20	256QAM	50	24	19.82	19.86	19.88	19.81	19.85		
20	256QAM	50	50	19.82	19.75	19.84	19.77	19.80		
20	256QAM	100	0	19.93	19.98	19.99	19.93	19.96		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.07	25.10	25.16	25.09	25.07	26	0
15	QPSK	1	37	25.03	24.98	25.03	24.99	24.97		
15	QPSK	1	74	25.15	25.10	25.14	25.13	25.05		
15	QPSK	36	0	23.86	23.75	23.90	23.87	23.78	24.7	1
15	QPSK	36	20	23.75	23.72	23.78	23.74	23.70		
15	QPSK	36	39	23.75	23.81	23.89	23.71	23.79		
15	QPSK	75	0	23.85	23.80	23.87	23.77	23.78		
15	16QAM	1	0	23.75	23.81	23.85	23.87	23.78	24.7	1
15	16QAM	1	37	23.70	23.78	23.86	23.76	23.79		
15	16QAM	1	74	23.78	23.71	23.85	23.76	23.77		
15	16QAM	36	0	22.85	22.89	22.95	22.85	22.94	23.7	2
15	16QAM	36	20	22.75	22.87	22.88	22.80	22.76		
15	16QAM	36	39	22.71	22.79	22.90	22.78	22.80		
15	16QAM	75	0	22.82	22.84	22.87	22.85	22.87		
15	64QAM	1	0	22.91	22.90	23.01	22.85	22.97	23.7	2
15	64QAM	1	37	22.84	22.86	22.86	22.87	22.77		
15	64QAM	1	74	22.87	22.80	22.91	22.83	22.74		
15	64QAM	36	0	21.88	21.76	21.87	21.88	21.86	22.7	3
15	64QAM	36	20	21.81	21.83	21.88	21.72	21.83		
15	64QAM	36	39	21.77	21.79	21.82	21.73	21.80		
15	64QAM	75	0	21.89	21.86	21.87	21.85	21.87		
15	256QAM	1	0	19.91	19.83	19.91	19.77	19.88	20.7	5
15	256QAM	1	37	19.78	19.87	19.85	19.79	19.80		
15	256QAM	1	74	19.85	19.80	19.81	19.82	19.82		
15	256QAM	36	0	19.79	19.83	19.87	19.88	19.78	20.7	5
15	256QAM	36	20	19.80	19.85	19.77	19.73	19.76		
15	256QAM	36	39	19.74	19.73	19.79	19.70	19.77		
15	256QAM	75	0	19.86	19.91	19.96	19.84	19.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.04	25.06	25.14	25.18	25.05	26	0
10	QPSK	1	25	25.12	25.06	25.07	25.00	24.98		
10	QPSK	1	49	25.07	25.04	25.19	25.11	25.12		
10	QPSK	25	0	23.81	23.80	23.90	23.83	23.81	24.7	1
10	QPSK	25	12	23.76	23.74	23.85	23.71	23.74		
10	QPSK	25	25	23.72	23.75	23.84	23.77	23.84		
10	QPSK	50	0	23.78	23.81	23.88	23.75	23.82		
10	16QAM	1	0	23.76	23.79	23.92	23.89	23.80	24.7	1
10	16QAM	1	25	23.75	23.79	23.87	23.81	23.77		
10	16QAM	1	49	23.79	23.73	23.86	23.74	23.79		
10	16QAM	25	0	22.86	22.81	22.96	22.89	22.87	23.7	2
10	16QAM	25	12	22.81	22.86	22.84	22.80	22.74		
10	16QAM	25	25	22.78	22.83	22.90	22.79	22.75		
10	16QAM	50	0	22.81	22.80	22.87	22.83	22.84		
10	64QAM	1	0	22.90	22.84	22.96	22.88	22.98	23.7	2
10	64QAM	1	25	22.87	22.82	22.89	22.87	22.80		
10	64QAM	1	49	22.80	22.81	22.87	22.82	22.81		
10	64QAM	25	0	21.81	21.76	21.93	21.89	21.85	22.7	3
10	64QAM	25	12	21.74	21.79	21.82	21.78	21.79		
10	64QAM	25	25	21.82	21.72	21.80	21.78	21.84		
10	64QAM	50	0	21.87	21.85	21.95	21.85	21.88		
10	256QAM	1	0	19.88	19.78	19.92	19.86	19.80	20.7	5
10	256QAM	1	25	19.83	19.83	19.86	19.72	19.79		
10	256QAM	1	49	19.81	19.74	19.86	19.80	19.86		
10	256QAM	25	0	19.83	19.80	19.88	19.86	19.84	20.7	5
10	256QAM	25	12	19.75	19.75	19.78	19.77	19.80		
10	256QAM	25	25	19.75	19.67	19.80	19.68	19.74		
10	256QAM	50	0	19.90	19.88	19.89	19.91	19.91		
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	25.00	25.08	25.19	25.17	25.01	26	0
5	QPSK	1	12	25.12	25.02	25.04	25.00	24.99		
5	QPSK	1	24	25.12	25.02	25.13	25.07	25.06		
5	QPSK	12	0	23.82	23.78	23.86	23.85	23.81	24.7	1
5	QPSK	12	7	23.75	23.75	23.80	23.70	23.68		
5	QPSK	12	13	23.75	23.79	23.85	23.77	23.88		
5	QPSK	25	0	23.78	23.79	23.91	23.71	23.78		
5	16QAM	1	0	23.80	23.75	23.86	23.86	23.76	24.7	1
5	16QAM	1	12	23.75	23.72	23.79	23.84	23.79		
5	16QAM	1	24	23.74	23.74	23.83	23.80	23.76		
5	16QAM	12	0	22.84	22.82	22.91	22.89	22.85	23.7	2
5	16QAM	12	7	22.79	22.79	22.83	22.82	22.79		
5	16QAM	12	13	22.72	22.79	22.91	22.75	22.78		
5	16QAM	25	0	22.78	22.81	22.89	22.82	22.85		
5	64QAM	1	0	22.93	22.87	23.00	22.89	22.97	23.7	2
5	64QAM	1	12	22.87	22.87	22.89	22.86	22.77		
5	64QAM	1	24	22.80	22.79	22.89	22.80	22.82		
5	64QAM	12	0	21.84	21.79	21.89	21.88	21.87	22.7	3
5	64QAM	12	7	21.77	21.83	21.78	21.72	21.79		
5	64QAM	12	13	21.82	21.72	21.78	21.72	21.83		
5	64QAM	25	0	21.92	21.85	21.92	21.87	21.89		
5	256QAM	1	0	19.90	19.83	19.91	19.79	19.86	20.7	5
5	256QAM	1	12	19.80	19.88	19.85	19.79	19.80		
5	256QAM	1	24	19.81	19.81	19.83	19.81	19.79		
5	256QAM	12	0	19.84	19.76	19.93	19.80	19.85	20.7	5
5	256QAM	12	7	19.78	19.81	19.83	19.71	19.83		
5	256QAM	12	13	19.81	19.67	19.82	19.76	19.73		
5	256QAM	25	0	19.92	19.91	19.88	19.91	19.86		

GSM1900 Antti 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	29.40	29.50	29.41	30.50	20.40	20.50	20.41	21.50
GPRS 1 Tx slot	29.47	29.49	29.46	30.50	20.47	20.49	20.46	21.50
GPRS 2 Tx slots	26.68	26.76	26.70	27.50	20.68	20.76	20.70	21.50
GPRS 3 Tx slots	24.86	24.88	24.80	25.70	20.60	20.62	20.54	21.44
GPRS 4 Tx slots	23.65	23.66	23.57	24.50	20.65	20.66	20.57	21.50
EDGE 1 Tx slot	24.14	24.19	24.09	25.00	15.14	15.19	15.09	16.00
EDGE 2 Tx slots	21.75	21.82	21.74	22.00	15.75	15.82	15.74	16.00
EDGE 3 Tx slots	19.97	20.06	19.97	20.20	15.71	15.80	15.71	15.94
EDGE 4 Tx slots	18.55	18.61	18.53	19.00	15.55	15.61	15.53	16.00

		WCDMA II Antti Default				WCDMA IV Antti 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	1312.4	
3GPP Rel 99	AMR 12.2Kbps	23.33	23.51	23.37	25.00	23.23	23.30	23.12	25.00
3GPP Rel 99	RMC 12.2Kbps	23.41	23.54	23.46	25.00	23.24	23.36	23.22	25.00
3GPP Rel 6	HSDPA Subtest-1	22.55	22.65	22.59	24.00	22.23	22.33	22.27	24.00
3GPP Rel 6	HSDPA Subtest-2	22.41	22.49	22.38	24.00	22.07	22.23	22.07	24.00
3GPP Rel 6	HSDPA Subtest-3	22.00	22.05	21.95	23.50	21.74	21.74	21.61	23.50
3GPP Rel 6	HSDPA Subtest-4	21.70	21.79	21.76	23.50	21.68	21.70	21.51	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.34	22.40	22.37	24.00	22.00	22.14	22.07	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.37	22.41	22.36	24.00	22.07	22.12	22.06	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.86	21.93	21.91	23.50	21.52	21.64	21.60	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.68	21.76	21.71	23.50	21.63	21.73	21.51	23.50
3GPP Rel 6	HSUPA Subtest-1	22.35	22.39	22.33	24.00	22.08	22.09	22.02	24.00
3GPP Rel 6	HSUPA Subtest-2	20.42	20.45	20.42	22.00	20.07	20.13	20.16	22.00
3GPP Rel 6	HSUPA Subtest-3	21.39	21.43	21.34	23.00	21.11	21.10	21.09	23.00
3GPP Rel 6	HSUPA Subtest-4	20.47	20.51	20.49	22.00	20.21	20.24	20.19	22.00
3GPP Rel 6	HSUPA Subtest-5	22.45	22.47	22.44	24.00	22.12	22.19	22.14	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest5	19.78	19.86	19.80	21.50	19.57	19.52	19.50	21.50

Band 2 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.17	23.36	23.24		
20	QPSK	1	49	23.27	23.30	23.21	25	0
20	QPSK	1	99	23.26	23.34	23.32		
20	QPSK	50	0	22.47	22.55	22.48		
20	QPSK	50	24	22.31	22.53	22.35	24	1
20	QPSK	50	50	22.31	22.40	22.37		
20	QPSK	100	0	22.38	22.43	22.36		
20	16QAM	1	0	22.49	22.60	22.52		
20	16QAM	1	49	22.35	22.40	22.37	24	1
20	16QAM	1	99	22.39	22.43	22.40		
20	16QAM	50	0	21.36	21.47	21.45		
20	16QAM	50	24	21.36	21.38	21.34	23	2
20	16QAM	50	50	21.36	21.39	21.35		
20	16QAM	100	0	21.48	21.56	21.52		
20	64QAM	1	0	21.50	21.59	21.57		
20	64QAM	1	49	21.35	21.41	21.37	23	2
20	64QAM	1	99	21.33	21.37	21.34		
20	64QAM	50	0	20.36	20.42	20.36		
20	64QAM	50	24	20.26	20.33	20.32	22	3
20	64QAM	50	50	20.31	20.34	20.27		
20	64QAM	100	0	20.47	20.49	20.40		
20	256QAM	1	0	18.44	18.46	18.36		
20	256QAM	1	49	18.36	18.45	18.35	20	5
20	256QAM	1	99	18.26	18.36	18.30		
20	256QAM	50	0	18.41	18.42	18.37		
20	256QAM	50	24	18.29	18.37	18.30	20	5
20	256QAM	50	50	18.39	18.40	18.30		
20	256QAM	100	0	18.42	18.49	18.44		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.08	23.27	23.18		
15	QPSK	1	37	23.19	23.26	23.20	25	0
15	QPSK	1	74	23.15	23.29	23.31		
15	QPSK	36	0	22.45	22.43	22.39		
15	QPSK	36	20	22.26	22.33	22.29	24	1
15	QPSK	36	39	22.23	22.35	22.36		
15	QPSK	75	0	22.29	22.40	22.33		
15	16QAM	1	0	22.43	22.50	22.47		
15	16QAM	1	37	22.30	22.30	22.29	24	1
15	16QAM	1	74	22.35	22.33	22.32		
15	16QAM	36	0	21.30	21.40	21.35		
15	16QAM	36	20	21.33	21.33	21.25	23	2
15	16QAM	36	39	21.24	21.35	21.30		
15	16QAM	75	0	21.40	21.45	21.43		
15	64QAM	1	0	21.45	21.58	21.50		
15	64QAM	1	37	21.32	21.38	21.35	23	2
15	64QAM	1	74	21.28	21.33	21.24		
15	64QAM	36	0	20.26	20.38	20.28		
15	64QAM	36	20	20.18	20.26	20.22	22	3
15	64QAM	36	39	20.29	20.28	20.25		
15	64QAM	75	0	20.45	20.43	20.34		
15	256QAM	1	0	18.34	18.40	18.32		
15	256QAM	1	37	18.31	18.43	18.24	20	5
15	256QAM	1	74	18.19	18.27	18.21		
15	256QAM	36	0	18.39	18.41	18.36		
15	256QAM	36	20	18.23	18.34	18.28	20	5
15	256QAM	36	39	18.31	18.36	18.28		
15	256QAM	75	0	18.41	18.47	18.39		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.15	23.29	23.22		
10	QPSK	1	25	23.23	23.29	23.13	25	0
10	QPSK	1	49	23.20	23.26	23.25		
10	QPSK	25	0	22.42	22.48	22.45		
10	QPSK	25	12	22.21	22.33	22.28	24	1
10	QPSK	25	25	22.21	22.39	22.31		
10	QPSK	50	0	22.30	22.36	22.27		
10	16QAM	1	0	22.47	22.53	22.43		
10	16QAM	1	25	22.29	22.32	22.27	24	1
10	16QAM	1	49	22.36	22.35	22.34		
10	16QAM	25	0	21.34	21.42	21.40		
10	16QAM	25	12	21.28	21.32	21.32	23	2
10	16QAM	25	25	21.32	21.37	21.34		
10	16QAM	50	0	21.38	21.51	21.47		
10	64QAM	1	0	21.48	21.58	21.47		
10	64QAM	1	25	21.26	21.39	21.27	23	2
10	64QAM	1	49	21.32	21.31	21.28		
10	64QAM	25	0	20.33	20.39	20.27		
10	64QAM	25	12	20.20	20.26	20.24	22	3
10	64QAM	25	25	20.26	20.28	20.25		
10	64QAM	50	0	20.45	20.42	20.35		
10	256QAM	1	0	18.37	18.36	18.32		
10	256QAM	1	25	18.33	18.36	18.34	20	5
10	256QAM	1	49	18.17	18.32	18.28		
10	256QAM	25	0	18.39	18.32	18.35		
10	256QAM	25	12	18.20	18.34	18.25	20	5
10	256QAM	25	25	18.32	18.38	18.29		
10	256QAM	50	0	18.36	18.44	18.35		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.10	23.32	23.18		
5	QPSK	1	12	23.18	23.26	23.14	25	0
5	QPSK	1	24	23.20	23.27	23.29		
5	QPSK	12	0	22.38	22.48	22.41		
5	QPSK	12	7	22.23	22.40	22.33	24	1
5	QPSK	12	13	22.23	22.33	22.27		
5	QPSK	25	0	22.28	22.41	22.26		
5	16QAM	1	0	22.48	22.53	22.50		
5	16QAM	1	12	22.32	22.31	22.30	24	1
5	16QAM	1	24	22.30	22.36	22.32		
5	16QAM	12	0	21.28	21.43	21.43		
5	16QAM	12	7	21.33	21.36	21.32	23	2
5	16QAM	12	13	21.32	21.30	21.33		
5	16QAM	25	0	21.44	21.49	21.44		
5	64QAM	1	0	21.42	21.55	21.48		
5	64QAM	1	12	21.28	21.31	21.34	23	2
5	64QAM	1	24	21.30	21.30	21.25		
5	64QAM	12	0	20.31	20.35	20.30		
5	64QAM	12	7	20.16	20.28	20.28	22	3
5	64QAM	12	13	20.26	20.28	20.23		
5	64QAM	25	0	20.39	20.44	20.36		
5	256QAM	1	0	18.36	18.39	18.27		
5	256QAM	1	12	18.27	18.43	18.29	20	5
5	256QAM	1	24	18.22	18.34	18.29		
5	256QAM	12	0	18.32	18.38	18.31		
5	256QAM	12	7	18.18	18.35	18.29	20	5
5	256QAM	12	13	18.32	18.33	18.19		
5	256QAM	25	0	18.33	18.47	18.35		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.08	23.26	23.18		
3	QPSK	1	8	23.19	23.26	23.16	25	0
3	QPSK	1	14	23.17	23.27	23.22		
3	QPSK	8	0	22.46	22.42	22.42		
3	QPSK	8	4	22.29	22.32	22.28	24	1
3	QPSK	8	7	22.26	22.37	22.29		
3	QPSK	15	0	22.34	22.40	22.27		
3	16QAM	1	0	22.41	22.50	22.49		
3	16QAM	1	8	22.31	22.34	22.30	24	1
3	16QAM	1	14	22.29	22.40	22.33		
3	16QAM	8	0	21.26	21.40	21.34		
3	16QAM	8	4	21.33	21.32	21.28	23	2
3	16QAM	8	7	21.26	21.34	21.28		
3	16QAM	15	0	21.46	21.47	21.42		
3	64QAM	1	0	21.42	21.51	21.50		
3	64QAM	1	8	21.29	21.31	21.28	23	2
3	64QAM	1	14	21.27	21.35	21.30		
3	64QAM	8	0	20.28	20.40	20.32		
3	64QAM	8	4	20.20	20.31	20.24	22	3
3	64QAM	8	7	20.21	20.25	20.21		
3	64QAM	15	0	20.40	20.47	20.35		
3	256QAM	1	0	18.39	18.39	18.35		
3	256QAM	1	8	18.34	18.37	18.28	20	5
3	256QAM	1	14	18.15	18.27	18.26		
3	256QAM	8	0	18.39	18.37	18.35		
3	256QAM	8	4	18.21	18.29	18.26	20	5
3	256QAM	8	7	18.37	18.33	18.25		
3	256QAM	15	0	18.40	18.40	18.43		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.13	23.27	23.15		
1.4	QPSK	1	3	23.23	23.26	23.18		
1.4	QPSK	1	5	23.17	23.31	23.28	25	0
1.4	QPSK	3	0	23.12	23.25	23.14		
1.4	QPSK	3	1	23.22	23.20	23.14		
1.4	QPSK	3	3	23.17	23.30	23.23		
1.4	QPSK	6	0	22.34	22.41	22.27	24	1
1.4	16QAM	1	0	22.45	22.57	22.49		
1.4	16QAM	1	3	22.26	22.36	22.33		
1.4	16QAM	1	5	22.35	22.32	22.34	24	1
1.4	16QAM	3	0	22.43	22.50	22.45		
1.4	16QAM	3	1	22.29	22.38	22.36		
1.4	16QAM	3	3	22.30	22.32	22.29		
1.4	16QAM	6	0	21.42	21.47	21.46	23	2
1.4	64QAM	1	0	21.42	21.51	21.51		
1.4	64QAM	1	3	21.31	21.35	21.35		
1.4	64QAM	1	5	21.29	21.31	21.23	23	2
1.4	64QAM	3	0	21.46	21.50	21.55		
1.4	64QAM	3	1	21.26	21.39	21.31		
1.4	64QAM	3	3	21.28	21.27	21.23		
1.4	64QAM	6	0	20.41	20.46	20.31	22	3
1.4	256QAM	1	0	18.41	18.43	18.27		
1.4	256QAM	1	3	18.34	18.38	18.29		
1.4	256QAM	1	5	18.15	18.26	18.20	20	5
1.4	256QAM	3	0	18.33	18.32	18.32		
1.4	256QAM	3	1	18.20	18.28	18.27		
1.4	256QAM	3	3	18.30	18.30	18.22		
1.4	256QAM	6	0	18.39	18.40	18.35	20	5

Band 4 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.89	23.90	23.81		
20	QPSK	1	49	23.89	23.92	23.86	25.7	0
20	QPSK	1	99	23.86	23.95	23.90		
20	QPSK	50	0	23.30	23.36	23.24		
20	QPSK	50	24	23.23	23.35	23.20	24.7	1
20	QPSK	50	50	23.24	23.30	23.20		
20	QPSK	100	0	23.21	23.31	23.24		
20	16QAM	1	0	23.69	23.73	23.63		
20	16QAM	1	49	23.60	23.66	23.61	24.7	1
20	16QAM	1	99	23.59	23.66	23.63		
20	16QAM	50	0	22.21	22.31	22.24		
20	16QAM	50	24	22.14	22.23	22.20	23.7	2
20	16QAM	50	50	22.15	22.21	22.19		
20	16QAM	100	0	22.27	22.35	22.24		
20	64QAM	1	0	22.88	22.92	22.90		
20	64QAM	1	49	22.83	22.87	22.80	23.7	2
20	64QAM	1	99	22.81	22.86	22.79		
20	64QAM	50	0	21.27	21.33	21.30		
20	64QAM	50	24	21.23	21.24	21.19	22.7	3
20	64QAM	50	50	21.14	21.24	21.20		
20	64QAM	100	0	21.29	21.38	21.29		
20	256QAM	1	0	19.30	19.36	19.28		
20	256QAM	1	49	19.18	19.28	19.17	20.7	5
20	256QAM	1	99	19.22	19.27	19.20		
20	256QAM	50	0	19.32	19.38	19.25		
20	256QAM	50	24	19.22	19.26	19.19	20.7	5
20	256QAM	50	50	19.22	19.33	19.23		
20	256QAM	100	0	19.19	19.29	19.27		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.82	23.88	23.75		
15	QPSK	1	37	23.88	23.86	23.76	25.7	0
15	QPSK	1	74	23.79	23.93	23.80		
15	QPSK	36	0	23.27	23.26	23.20		
15	QPSK	36	20	23.18	23.17	23.14	24.7	1
15	QPSK	36	39	23.22	23.21	23.11		
15	QPSK	75	0	23.16	23.23	23.22		
15	16QAM	1	0	23.63	23.64	23.52		
15	16QAM	1	37	23.49	23.60	23.56	24.7	1
15	16QAM	1	74	23.51	23.60	23.52		
15	16QAM	36	0	22.18	22.28	22.18		
15	16QAM	36	20	22.12	22.22	22.18	23.7	2
15	16QAM	36	39	22.09	22.15	22.09		
15	16QAM	75	0	22.19	22.28	22.20		
15	64QAM	1	0	22.84	22.91	22.84		
15	64QAM	1	37	22.76	22.77	22.73	23.7	2
15	64QAM	1	74	22.77	22.78	22.73		
15	64QAM	36	0	21.25	21.32	21.23		
15	64QAM	36	20	21.22	21.17	21.10	22.7	3
15	64QAM	36	39	21.06	21.22	21.15		
15	64QAM	75	0	21.27	21.35	21.22		
15	256QAM	1	0	19.26	19.30	19.19		
15	256QAM	1	37	19.08	19.25	19.10	20.7	5
15	256QAM	1	74	19.17	19.17	19.14		
15	256QAM	36	0	19.21	19.26	19.15		
15	256QAM	36	20	19.18	19.18	19.11	20.7	5
15	256QAM	36	39	19.13	19.26	19.18		
15	256QAM	75	0	19.13	19.24	19.16		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.83	23.96	23.76		
10	QPSK	1	25	23.82	23.86	23.80	25.7	0
10	QPSK	1	49	23.76	23.85	23.84		
10	QPSK	25	0	23.23	23.24	23.21		
10	QPSK	25	12	23.21	23.15	23.13	24.7	1
10	QPSK	25	25	23.23	23.27	23.14		
10	QPSK	50	0	23.13	23.21	23.14		
10	16QAM	1	0	23.62	23.62	23.62		
10	16QAM	1	25	23.53	23.60	23.56	24.7	1
10	16QAM	1	49	23.53	23.65	23.56		
10	16QAM	25	0	22.18	22.29	22.19		
10	16QAM	25	12	22.07	22.16	22.13	23.7	2
10	16QAM	25	25	22.06	22.18	22.15		
10	16QAM	50	0	22.22	22.27	22.22		
10	64QAM	1	0	22.83	22.90	22.89		
10	64QAM	1	25	22.74	22.80	22.75	23.7	2
10	64QAM	1	49	22.80	22.81	22.78		
10	64QAM	25	0	21.18	21.26	21.25		
10	64QAM	25	12	21.18	21.19	21.09	22.7	3
10	64QAM	25	25	21.09	21.22	21.17		
10	64QAM	50	0	21.19	21.31	21.26		
10	256QAM	1	0	19.26	19.25	19.22		
10	256QAM	1	25	19.08	19.22	19.15	20.7	5
10	256QAM	1	49	19.12	19.17	19.12		
10	256QAM	25	0	19.24	19.33	19.23		
10	256QAM	25	12	19.18	19.15	19.14	20.7	5
10	256QAM	25	25	19.13	19.29	19.13		
10	256QAM	50	0	19.15	19.19	19.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.78	23.93	23.74		
5	QPSK	1	12	23.84	23.81	23.78	25.7	0
5	QPSK	1	24	23.82	23.85	23.85		
5	QPSK	12	0	23.22	23.21	23.19		
5	QPSK	12	7	23.13	23.22	23.17	24.7	1
5	QPSK	12	13	23.17	23.24	23.12		
5	QPSK	25	0	23.17	23.21	23.20		
5	16QAM	1	0	23.64	23.63	23.59		
5	16QAM	1	12	23.53	23.65	23.60	24.7	1
5	16QAM	1	24	23.54	23.65	23.58		
5	16QAM	12	0	22.13	22.25	22.16		
5	16QAM	12	7	22.05	22.13	22.11	23.7	2
5	16QAM	12	13	22.12	22.14	22.14		
5	16QAM	25	0	22.17	22.32	22.22		
5	64QAM	1	0	22.86	22.83	22.82		
5	64QAM	1	12	22.78	22.81	22.70	23.7	2
5	64QAM	1	24	22.71	22.87	22.70		
5	64QAM	12	0	21.20	21.36	21.25		
5	64QAM	12	7	21.18	21.19	21.13	22.7	3
5	64QAM	12	13	21.09	21.21	21.14		
5	64QAM	25	0	21.22	21.36	21.23		
5	256QAM	1	0	19.23	19.28	19.18		
5	256QAM	1	12	19.16	19.24	19.15	20.7	5
5	256QAM	1	24	19.15	19.17	19.11		
5	256QAM	12	0	19.31	19.25	19.17		
5	256QAM	12	7	19.19	19.20	19.14	20.7	5
5	256QAM	12	13	19.13	19.27	19.22		
5	256QAM	25	0	19.17	19.25	19.21		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.81	23.89	23.77		
3	QPSK	1	8	23.80	23.83	23.78	25.7	0
3	QPSK	1	14	23.80	23.92	23.79		
3	QPSK	8	0	23.20	23.24	23.18		
3	QPSK	8	4	23.20	23.19	23.16	24.7	1
3	QPSK	8	7	23.15	23.19	23.10		
3	QPSK	15	0	23.19	23.20	23.14		
3	16QAM	1	0	23.67	23.65	23.54		
3	16QAM	1	8	23.54	23.58	23.59	24.7	1
3	16QAM	1	14	23.52	23.62	23.57		
3	16QAM	8	0	22.17	22.26	22.20		
3	16QAM	8	4	22.10	22.17	22.16	23.7	2
3	16QAM	8	7	22.09	22.12	22.09		
3	16QAM	15	0	22.16	22.33	22.19		
3	64QAM	1	0	22.79	22.94	22.86		
3	64QAM	1	8	22.76	22.78	22.69	23.7	2
3	64QAM	1	14	22.77	22.83	22.78		
3	64QAM	8	0	21.26	21.31	21.20		
3	64QAM	8	4	21.20	21.26	21.17	22.7	3
3	64QAM	8	7	21.11	21.25	21.18		
3	64QAM	15	0	21.20	21.32	21.19		
3	256QAM	1	0	19.26	19.28	19.20		
3	256QAM	1	8	19.14	19.20	19.13	20.7	5
3	256QAM	1	14	19.12	19.26	19.14		
3	256QAM	8	0	19.25	19.26	19.16		
3	256QAM	8	4	19.15	19.25	19.10	20.7	5
3	256QAM	8	7	19.16	19.26	19.15		
3	256QAM	15	0	19.18	19.27	19.21		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.83	23.88	23.77		
1.4	QPSK	1	3	23.79	23.90	23.76		
1.4	QPSK	1	5	23.76	23.86	23.79	25.7	0
1.4	QPSK	3	0	23.83	23.91	23.77		
1.4	QPSK	3	1	23.85	23.82	23.79		
1.4	QPSK	3	3	23.81	23.94	23.83		
1.4	QPSK	6	0	23.16	23.20	23.14	24.7	1
1.4	16QAM	1	0	23.65	23.66	23.53		
1.4	16QAM	1	3	23.50	23.58	23.58		
1.4	16QAM	1	5	23.52	23.62	23.56	24.7	1
1.4	16QAM	3	0	23.17	23.20	23.15		
1.4	16QAM	3	1	23.16	23.20	23.14		
1.4	16QAM	3	3	23.11	23.25	23.16		
1.4	16QAM	6	0	22.24	22.30	22.21	23.7	2
1.4	64QAM	1	0	22.78	22.86	22.83		
1.4	64QAM	1	3	22.75	22.84	22.76		
1.4	64QAM	1	5	22.75	22.88	22.69	23.7	2
1.4	64QAM	3	0	22.21	22.25	22.21		
1.4	64QAM	3	1	22.78	22.86	22.85		
1.4	64QAM	3	3	22.76	22.77	22.77		
1.4	64QAM	6	0	21.26	21.37	21.20	22.7	3
1.4	256QAM	1	0	19.20	19.27	19.20		
1.4	256QAM	1	3	19.11	19.25	19.07		
1.4	256QAM	1	5	19.11	19.22	19.19	20.7	5
1.4	256QAM	3	0	19.29	19.32	19.20		
1.4	256QAM	3	1	19.14	19.19	19.14		
1.4	256QAM	3	3	19.20	19.26	19.13		
1.4	256QAM	6	0	19.15	19.25	19.20	20.7	5

Band 7 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.87	23.91	23.89		
20	QPSK	1	49	23.81	23.87	23.77	25.7	0
20	QPSK	1	99	23.76	23.83	23.79		
20	QPSK	50	0	22.91	22.99	22.87		
20	QPSK	50	24	22.79	22.98	22.78	24.7	1
20	QPSK	50	50	22.78	22.87	22.81		
20	QPSK	100	0	22.75	22.86	22.75		
20	16QAM	1	0	22.99	23.06	22.96		
20	16QAM	1	49	22.74	22.83	22.82	24.7	1
20	16QAM	1	99	22.83	22.86	22.81		
20	16QAM	50	0	21.90	21.99	21.94		
20	16QAM	50	24	21.79	21.90	21.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.91	23.99	23.96		
20	QPSK	1	49	23.84	23.90	23.81	25.7	0
20	QPSK	1	99	23.86	23.97	23.87		
20	QPSK	50	0	23.29	23.43	23.27		
20	QPSK	50	24	23.13	23.41	23.14	24.7	1
20	QPSK	50	50	23.24	23.30	23.26		
20	QPSK	100	0	23.16	23.26	23.21		
20	16QAM	1	0	23.23	23.34	23.31		
20	16QAM	1	49	23.21	23.26	23.16	24.7	1
20	16QAM	1	99	23.27	23.29	23.23		
20	16QAM	50	0	22.30	22.32	22.22		
20	16QAM	50	24	22.17	22.24	22.21	23.7	2
20	16QAM	50	50	22.19	22.22	22.20		
20	16QAM	100	0	22.31	22.35	22.32		
20	64QAM	1	0	22.25	22.27	22.21		
20	64QAM	1	49	22.14	22.21	22.14	23.7	2
20	64QAM	1	99	22.16	22.22	22.19		
20	64QAM	50	0	21.21	21.27	21.17		
20	64QAM	50	24	21.12	21.18	21.08	22.7	3
20	64QAM	50	50	21.18	21.25	21.22		
20	64QAM	100	0	21.29	21.36	21.30		
20	256QAM	1	0	19.39	19.42	19.40		
20	256QAM	1	49	19.24	19.31	19.23	20.7	5
20	256QAM	1	99	19.30	19.40	19.33		
20	256QAM	50	0	19.18	19.27	19.19		
20	256QAM	50	24	19.29	19.34	19.28	20.7	5
20	256QAM	50	50	19.29	19.32	19.25		
20	256QAM	100	0	19.22	19.30	19.25		
Channel				132047	132322	132597	Tune-up limit [dBm]	MPR [dB]
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.82	23.88	23.93		
15	QPSK	1	37	23.81	23.88	23.73	25.7	0
15	QPSK	1	74	23.80	23.86	23.88		
15	QPSK	36	0	23.26	23.23	23.24		
15	QPSK	36	20	23.05	23.19	23.06	24.7	1
15	QPSK	36	39	23.17	23.21	23.24		
15	QPSK	75	0	23.11	23.18	23.15		
15	16QAM	1	0	23.19	23.24	23.26		
15	16QAM	1	37	23.16	23.20	23.07	24.7	1
15	16QAM	1	74	23.21	23.24	23.20		
15	16QAM	36	0	22.28	22.30	22.20		
15	16QAM	36	20	22.16	22.19	22.20	23.7	2
15	16QAM	36	39	22.13	22.14	22.09		
15	16QAM	75	0	22.25	22.27	22.26		
15	64QAM	1	0	22.14	22.16	22.14		
15	64QAM	1	37	22.13	22.14	22.03	23.7	2
15	64QAM	1	74	22.11	22.19	22.08		
15	64QAM	36	0	21.16	21.19	21.12		
15	64QAM	36	20	21.10	21.14	21.00	22.7	3
15	64QAM	36	39	21.09	21.21	21.18		
15	64QAM	75	0	21.25	21.26	21.20		
15	256QAM	1	0	19.34	19.35	19.31		
15	256QAM	1	37	19.13	19.29	19.14	20.7	5
15	256QAM	1	74	19.20	19.35	19.28		
15	256QAM	36	0	19.11	19.23	19.08		
15	256QAM	36	20	19.24	19.33	19.19	20.7	5
15	256QAM	36	39	19.27	19.29	19.15		
15	256QAM	75	0	19.18	19.20	19.18		
Channel				132022	132322	132622	Tune-up limit [dBm]	MPR [dB]
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.85	23.90	23.87		
10	QPSK	1	25	23.78	23.86	23.71	25.7	0
10	QPSK	1	49	23.81	23.88	23.81		
10	QPSK	25	0	23.27	23.25	23.24		
10	QPSK	25	12	23.07	23.22	23.06	24.7	1
10	QPSK	25	25	23.16	23.19	23.23		
10	QPSK	50	0	23.05	23.21	23.18		
10	16QAM	1	0	23.21	23.26	23.20		
10	16QAM	1	25	23.14	23.24	23.13	24.7	1
10	16QAM	1	49	23.23	23.19	23.20		
10	16QAM	25	0	22.24	22.30	22.18		
10	16QAM	25	12	22.07	22.15	22.12	23.7	2
10	16QAM	25	25	22.11	22.19	22.19		
10	16QAM	50	0	22.29	22.32	22.23		
10	64QAM	1	0	22.15	22.22	22.12		
10	64QAM	1	25	22.06	22.15	22.06	23.7	2
10	64QAM	1	49	22.13	22.12	22.17		
10	64QAM	25	0	21.19	21.24	21.10		
10	64QAM	25	12	21.10	21.08	21.01	22.7	3
10	64QAM	25	25	21.10	21.19	21.20		
10	64QAM	50	0	21.24	21.31	21.22		
10	256QAM	1	0	19.35	19.37	19.31		
10	256QAM	1	25	19.20	19.21	19.19	20.7	5
10	256QAM	1	49	19.26	19.34	19.24		
10	256QAM	25	0	19.13	19.23	19.12		
10	256QAM	25	12	19.26	19.27	19.27	20.7	5
10	256QAM	25	25	19.20	19.24	19.21		
10	256QAM	50	0	19.13	19.24	19.17		
Channel				131997	132322	132647	Tune-up limit [dBm]	MPR [dB]
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.89	23.96	23.89		
5	QPSK	1	12	23.80	23.80	23.75	25.7	0
5	QPSK	1	24	23.82	23.87	23.80		
5	QPSK	12	0	23.27	23.25	23.18		
5	QPSK	12	7	23.06	23.21	23.08	24.7	1
5	QPSK	12	13	23.15	23.27	23.16		
5	QPSK	25	0	23.05	23.16	23.13		
5	16QAM	1	0	23.21	23.26	23.26		
5	16QAM	1	12	23.13	23.23	23.07	24.7	1
5	16QAM	1	24	23.18	23.19	23.18		
5	16QAM	12	0	22.20	22.30	22.16		
5	16QAM	12	7	22.13	22.21	22.11	23.7	2
5	16QAM	12	13	22.10	22.20	22.14		
5	16QAM	25	0	22.20	22.30	22.23		
5	64QAM	1	0	22.15	22.23	22.15		
5	64QAM	1	12	22.04	22.12	22.04	23.7	2
5	64QAM	1	24	22.14	22.14	22.17		
5	64QAM	12	0	21.15	21.24	21.06		
5	64QAM	12	7	21.07	21.12	21.03	22.7	3
5	64QAM	12	13	21.08	21.15	21.19		
5	64QAM	25	0	21.19	21.34	21.21		
5	256QAM	1	0	19.36	19.33	19.36		
5	256QAM	1	12	19.21	19.28	19.17	20.7	5
5	256QAM	1	24	19.25	19.39	19.25		
5	256QAM	12	0	19.07	19.21	19.10		
5	256QAM	12	7	19.26	19.23	19.27	20.7	5
5	256QAM	12	13	19.18	19.23	19.16		
5	256QAM	25	0	19.16	19.28	19.18		
Channel				131967	132322	132677	Tune-up limit [dBm]	MPR [dB]
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.88	23.97	23.90		
3	QPSK	1	8	23.77	23.80	23.79	25.7	0
3	QPSK	1	14	23.78	23.94	23.84		
3	QPSK	8	0	23.27	23.25	23.22		
3	QPSK	8	4	23.03	23.19	23.03	24.7	1
3	QPSK	8	7	23.14	23.25	23.24		
3	QPSK	15	0	23.09	23.22	23.13		
3	16QAM	1	0	23.20	23.29	23.22		
3	16QAM	1	8	23.19	23.24	23.09	24.7	1
3	16QAM	1	14	23.23	23.19	23.16		
3	16QAM	8	0	22.21	22.21	22.13		
3	16QAM	8	4	22.07	22.20	22.19	23.7	2
3	16QAM	8	7	22.17	22.13	22.10		
3	16QAM	15	0	22.26	22.31	22.31		
3	64QAM	1	0	22.22	22.22	22.16		
3	64QAM	1	8	22.09	22.18	22.06	23.7	2
3	64QAM	1	14	22.10	22.14	22.12		
3	64QAM	8	0	21.13	21.21	21.10		
3	64QAM	8	4	21.03	21.09	21.04	22.7	3
3	64QAM	8	7	21.13	21.19	21.12		
3	64QAM	15	0	21.23	21.29	21.20		
3	256QAM	1	0	19.33	19.37	19.37		
3	256QAM	1	8	19.22	19.22	19.19	20.7	5
3	256QAM	1	14	19.24	19.32	19.23		
3	256QAM	8	0	19.10	19.19	19.12		
3	256QAM	8	4	19.19	19.32	19.25	20.7	5
3	256QAM	8	7	19.26	19.22	19.22		
3	256QAM	15	0	19.12	19.19	19.16		
Channel				131979	132322	132665	Tune-up limit [dBm]	MPR [dB]
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.84	23.94	23.95		
1.4	QPSK	1	3	23.74	23.80	23.71		
1.4	QPSK	1	5	23.75	23.95	23.83	25.7	0
1.4	QPSK	3	0	23.84	23.90	23.91		
1.4	QPSK	3	1	23.78	23.79	23.71		
1.4	QPSK	3	3	23.77	23.88	23.82		
1.4	QPSK	6	0	23.10	23.22	23.20	24.7	1
1.4	16QAM	1	0	23.15	23.30	23.24		
1.4	16QAM	1	3	23.17	23.24	23.09		
1.4	16QAM	1	5	23.21	23.19	23.18	24.7	1
1.4	16QAM	3	0	23.16	23.21	23.16		
1.4	16QAM	3	1	23.12	23.18	23.17		
1.4	16QAM	3	3	23.15	23.33	23.20		
1.4	16QAM	6	0	22.24	22.27	22.22	23.7	2
1.4	64QAM	1	0	22.15	22.23	22.16		
1.4	64QAM	1	3	22.09	22.14	22.05		
1.4	64QAM	1	5	22.13	22.19	22.11	23.7	2
1.4	64QAM	3	0	22.17	22.20	22.12		
1.4	64QAM	3	1	22.12	22.19	22.10		
1.4	64QAM	3	3	22.07	22.20	22.09		
1.4	64QAM	6	0	21.20	21.32	21.25	22.7	3
1.4	256QAM	1	0	19.29	19.37	19.31		
1.4	256QAM	1	3	19.21	19.25	19.22		
1.4	256QAM	1	5	19.20	19.33	19.25	20.7	5
1.4	256QAM	3	0	19.13	19.18	19.12		
1.4	256QAM	3	1	19.25	19.30	19.19		
1.4	256QAM	3	3	19.26	19.27	19.22		
1.4	256QAM	6	0	19.18	19.19	19.16	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	23.94	23.99	23.89		
20	QPSK	1	49	23.89	23.93	23.83	25.5	0
20	QPSK	1	99	23.86	23.89	23.80		
20	QPSK	50	0	23.04	23.11	23.01		
20	QPSK	50	24	22.91	23.09	22.95	24.5	1
20	QPSK	50	50	22.88	22.98	22.91		
20	QPSK	100	0	22.91	23.00	22.91		
20	16QAM	1	0	23.03	23.06	23.01		
20	16QAM	1	49	22.98	23.02	22.94	24.5	1
20	16QAM	1	99	22.96	23.05	22.96		
20	16QAM	50	0	22.04	22.07	22.04		
20	16QAM	50	24	21.98	22.01	21.96	23.5	2
20	16QAM	50	50	22.03	22.07	22.04		
20	16QAM	100	0	21.98	22.07	22.06		
20	64QAM	1	0	22.01	22.10	22.04		
20	64QAM	1	49	22.01	22.08	21.98	23.5	2
20	64QAM	1	99	21.96	21.99	21.90		
20	64QAM	50	0	20.97	21.06	20.97		
20	64QAM	50	24	20.89	20.98	20.89	22.5	3
20	64QAM	50	50	20.90	20.98	20.88		
20	64QAM	100	0	20.96	21.02	20.95		
20	256QAM	1	0	18.88	18.89	18.79		
20	256QAM	1	49	18.81	18.83	18.78	20.5	5
20	256QAM	1	99	18.84	18.87	18.78		
20	256QAM	50	0	18.93	19.03	18.99		
20	256QAM	50	24	18.75	18.86	18.81	20.5	5
20	256QAM	50	50	18.75	18.83	18.74		
20	256QAM	100	0	18.98	19.00	18.92		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.87	23.95	23.79		
15	QPSK	1	37	23.86	23.91	23.77	25.5	0
15	QPSK	1	74	23.81	23.82	23.73		
15	QPSK	36	0	22.97	23.04	22.95		
15	QPSK	36	20	22.84	22.96	22.84	24.5	1
15	QPSK	36	39	22.86	22.88	22.86		
15	QPSK	75	0	22.85	22.90	22.88		
15	16QAM	1	0	22.96	23.00	22.97		
15	16QAM	1	37	22.88	22.98	22.93	24.5	1
15	16QAM	1	74	21.91	23.02	22.91		
15	16QAM	36	0	21.96	21.97	22.01		
15	16QAM	36	20	21.87	21.99	21.85	23.5	2
15	16QAM	36	39	21.94	22.05	21.95		
15	16QAM	75	0	21.96	21.98	22.02		
15	64QAM	1	0	21.95	22.03	21.99		
15	64QAM	1	37	21.97	21.98	21.90	23.5	2
15	64QAM	1	74	21.92	21.93	21.80		
15	64QAM	36	0	20.93	21.00	20.86		
15	64QAM	36	20	20.88	20.93	20.83	22.5	3
15	64QAM	36	39	20.82	20.90	20.79		
15	64QAM	75	0	20.89	20.94	20.86		
15	256QAM	1	0	18.80	18.80	18.70		
15	256QAM	1	37	18.72	18.75	18.68	20.5	5
15	256QAM	1	74	18.73	18.79	18.69		
15	256QAM	36	0	18.85	18.94	18.96		
15	256QAM	36	20	18.67	18.81	18.71	20.5	5
15	256QAM	36	39	18.65	18.76	18.71		
15	256QAM	75	0	18.94	18.95	18.89		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.93	23.89	23.87		
10	QPSK	1	25	23.81	23.85	23.81	25.5	0
10	QPSK	1	49	23.77	23.78	23.69		
10	QPSK	25	0	22.96	22.99	22.93		
10	QPSK	25	12	22.87	22.96	22.89	24.5	1
10	QPSK	25	25	22.77	22.91	22.86		
10	QPSK	50	0	22.80	22.99	22.84		
10	16QAM	1	0	22.95	23.02	22.93		
10	16QAM	1	25	22.93	22.93	22.92	24.5	1
10	16QAM	1	49	22.88	22.95	22.93		
10	16QAM	25	0	21.94	21.97	21.99		
10	16QAM	25	12	21.89	21.96	21.92	23.5	2
10	16QAM	25	25	22.00	22.02	22.02		
10	16QAM	50	0	21.90	22.03	21.99		
10	64QAM	1	0	21.93	22.05	21.99		
10	64QAM	1	25	21.91	22.03	21.96	23.5	2
10	64QAM	1	49	21.87	21.92	21.89		
10	64QAM	25	0	20.87	21.01	20.94		
10	64QAM	25	12	20.78	20.93	20.83	22.5	3
10	64QAM	25	25	20.84	20.94	20.80		
10	64QAM	50	0	20.90	20.97	20.85		
10	256QAM	1	0	18.79	18.80	18.73		
10	256QAM	1	25	18.79	18.73	18.74	20.5	5
10	256QAM	1	49	18.79	18.77	18.76		
10	256QAM	25	0	18.86	18.94	18.93		
10	256QAM	25	12	18.65	18.79	18.73	20.5	5
10	256QAM	25	25	18.70	18.82	18.71		
10	256QAM	50	0	18.96	18.93	18.86		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.87	23.97	23.79		
5	QPSK	1	12	23.88	23.87	23.78	25.5	0
5	QPSK	1	24	23.77	23.87	23.79		
5	QPSK	12	0	23.01	23.03	22.99		
5	QPSK	12	7	22.87	22.88	22.86	24.5	1
5	QPSK	12	13	22.85	22.90	22.86		
5	QPSK	25	0	18.90	18.88	18.79		
5	16QAM	1	0	22.96	23.04	22.94		
5	16QAM	1	12	22.92	22.96	22.86	24.5	1
5	16QAM	1	24	22.92	22.94	22.92		
5	16QAM	12	0	21.94	22.02	21.99		
5	16QAM	12	7	21.97	21.90	21.93	23.5	2
5	16QAM	12	13	21.98	21.98	21.94		
5	16QAM	25	0	21.97	21.97	22.02		
5	64QAM	1	0	21.94	22.05	22.02		
5	64QAM	1	12	21.94	22.06	21.91	23.5	2
5	64QAM	1	24	21.89	21.89	21.87		
5	64QAM	12	0	20.86	20.98	20.91		
5	64QAM	12	7	20.83	20.90	20.81	22.5	3
5	64QAM	12	13	20.86	20.94	20.79		
5	64QAM	25	0	20.94	20.93	20.84		
5	256QAM	1	0	18.81	18.85	18.72		
5	256QAM	1	12	18.75	18.73	18.72	20.5	5
5	256QAM	1	24	18.77	18.84	18.67		
5	256QAM	12	0	18.86	18.98	18.93		
5	256QAM	12	7	18.67	18.76	18.77	20.5	5
5	256QAM	12	13	18.71	18.77	18.69		
5	256QAM	25	0	18.93	18.92	18.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.84	23.71	24.01	23.88	23.89		
20	QPSK	1	49	23.92	23.93	23.99	23.91	23.90	25.5	0
20	QPSK	1	99	23.89	23.94	23.98	23.97	23.89		
20	QPSK	50	0	22.93	22.92	23.02	22.87	22.91		
20	QPSK	50	24	22.87	22.84	23.01	22.84	22.85	24.5	1
20	QPSK	50	50	22.83	22.77	22.86	22.77	22.81		
20	QPSK	100	0	22.82	22.88	22.91	22.84	22.83		
20	16QAM	1	0	22.82	22.79	22.86	22.84	22.80		
20	16QAM	1	49	22.83	22.78	22.87	22.77	22.82	24.5	1
20	16QAM	1	99	22.81	22.84	22.89	22.86	22.79		
20	16QAM	50	0	21.94	21.95	22.04	22.02	22.00		
20	16QAM	50	24	21.94	21.85	21.96	21.92	21.94	23.5	2
20	16QAM	50	50	21.88	21.84	21.95	21.86	21.91		
20	16QAM	100	0	21.96	21.96	22.03	21.96	21.96		
20	64QAM	1	0	21.98	21.95	22.01	21.94	21.97		
20	64QAM	1	49	21.95	21.92	22.01	21.92	21.92	23.5	2
20	64QAM	1	99	21.95	21.91	21.96	21.92	21.92		
20	64QAM	50	0	20.94	20.87	20.91	20.83	20.82		
20	64QAM	50	24	20.87	20.80	20.89	20.80	20.80	22.5	3
20	64QAM	50	50	20.77	20.84	20.86	20.81	20.83		
20	64QAM	100	0	20.64	20.66	20.73	20.66	20.67		
20	256QAM	1	0	18.85	18.84	18.92	18.89	18.84	20.5	5
20	256QAM	1	49	18.77	18.75	18.84	18.77	18.76		
20	256QAM	1	99	18.80	18.80	18.83	18.73	18.80		
20	256QAM	50	0	18.91	18.85	18.98	18.96	18.93		
20	256QAM	50	24	18.74	18.81	18.83	18.75	18.73	20.5	5
20	256QAM	50	50	18.84	18.82	18.88	18.87	18.79		
20	256QAM	100	0	18.86	18.84	18.91	18.84	18.86		
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	23.82	23.64	23.92	23.87	23.88		
15	QPSK	1	37	23.87	23.90	23.92	23.89	23.87	26	0
15	QPSK	1	74	23.78	23.90	23.95	23.89	23.78		
15	QPSK	36	0	22.84	22.90	22.92	22.85	22.80		
15	QPSK	36	20	22.83	22.76	22.85	22.78	22.80	24.5	1
15	QPSK	36	39	22.73	22.72	22.85	22.73	22.72		
15	QPSK	75	0	22.73	22.78	22.87	22.78	22.73		
15	16QAM	1	0	22.73	22.71	22.78	22.79	22.70		
15	16QAM	1	37	22.82	22.76	22.84	22.67	22.77	24.5	1
15	16QAM	1	74	22.75	22.82	22.84	22.78	22.68		
15	16QAM	36	0	21.85	21.88	22.01	22.00	21.91		
15	16QAM	36	20	21.88	21.79	21.94	21.83	21.90	23.5	2
15	16QAM	36	39	21.84	21.75	21.85	21.80	21.90		
15	16QAM	75	0	21.90	21.92	21.98	21.91	21.91		
15	64QAM	1	0	21.86	21.92	22.00	21.86	21.92		
15	64QAM	1	37	21.90	21.84	21.94	21.84	21.90	23.5	2
15	64QAM	1	74	21.89	21.83	21.90	21.86	21.88		
15	64QAM	36	0	20.82	20.84	20.84	20.74	20.75		
15	64QAM	36	20	20.86	20.77	20.80	20.73	20.72	22.5	3
15	64QAM	36	39	20.70	20.75	20.76	20.76	20.78		
15	64QAM	75	0	20.56	20.62	20.63	20.64	20.61		
15	256QAM	1	0	18.83	18.79	18.88	18.78	18.76		
15	256QAM	1	37	18.67	18.68	18.77	18.68	18.67	20.5	5
15	256QAM	1	74	18.76	18.75	18.76	18.64	18.72		
15	256QAM	36	0	18.80	18.86	18.89	18.86	18.87		
15	256QAM	36	20	18.70	18.77	18.74	18.68	18.66	20.5	5
15	256QAM	36	39	18.81	18.78	18.85	18.82	18.74		
15	256QAM	75	0	18.77	18.78	18.80	18.77	18.78		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.81	23.69	23.99	23.80	23.88		
10	QPSK	1	25	23.86	23.91	23.93	23.87	23.89	26	0
10	QPSK	1	49	23.79	23.83	23.94	23.95	23.80		
10	QPSK	25	0	22.90	22.86	22.95	22.76	22.83		
10	QPSK	25	12	22.79	22.77	22.85	22.74	22.83	24.5	1
10	QPSK	25	25	22.75	22.72	22.81	22.73	22.78		
10	QPSK	50	0	22.78	22.83	22.83	22.74	22.74		
10	16QAM	1	0	22.74	22.68	22.83	22.77	22.71		
10	16QAM	1	25	22.77	22.79	22.85	22.67	22.80	24.5	1
10	16QAM	1	49	22.78	22.82	22.86	22.79	22.70		
10	16QAM	25	0	21.89	21.87	21.98	21.97	21.93		
10	16QAM	25	12	21.85	21.78	21.89	21.87	21.86	23.5	2
10	16QAM	25	25	21.79	21.76	21.85	21.76	21.81		
10	16QAM	50	0	21.86	21.87	21.98	21.92	21.92		
10	64QAM	1	0	21.90	21.93	21.96	21.85	21.92		
10	64QAM	1	25	21.89	21.92	21.95	21.84	21.83	23.5	2
10	64QAM	1	49	21.94	21.82	21.86	21.85	21.82		
10	64QAM	25	0	20.80	20.80	20.81	20.73	20.75		
10	64QAM	25	12	20.77	20.78	20.84	20.78	20.72	22.5	3
10	64QAM	25	25	20.74	20.75	20.81	20.70	20.81		
10	64QAM	50	0	20.61	20.62	20.64	20.58	20.60		
10	256QAM	1	0	18.83	18.81	18.86	18.81	18.80		
10	256QAM	1	25	18.71	18.71	18.75	18.69	18.66	20.5	5
10	256QAM	1	49	18.78	18.73	18.73	18.63	18.70		
10	256QAM	25	0	18.89	18.89	18.94	18.94	18.83		
10	256QAM	25	12	18.63	18.74	18.77	18.70	18.68	20.5	5
10	256QAM	25	25	18.77	18.76	18.86	18.77	18.77		
10	256QAM	50	0	18.85	18.78	18.90	18.79	18.84		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2595	2643.2	2691.5		
5	QPSK	1	0	23.81	23.63	23.98	23.77	23.85		
5	QPSK	1	12	23.86	23.91	23.95	23.83	23.80	26	0
5	QPSK	1	24	23.84	23.82	23.94	23.89	23.78		
5	QPSK	12	0	22.91	22.90	22.93	22.82	22.83		
5	QPSK	12	7	22.85	22.81	22.82	22.80	22.79	24.5	1
5	QPSK	12	13	22.81	22.76	22.80	22.73	22.72		
5	QPSK	25	0	22.81	22.81	22.88	22.76	22.72		
5	16QAM	1	0	22.74	22.72	22.75	22.80	22.69		
5	16QAM	1	12	22.79	22.75	22.77	22.66	22.76	24.5	1
5	16QAM	1	24	22.74	22.76	22.84	22.82	22.73		
5	16QAM	12	0	21.84	21.91	21.94	21.92	21.89		
5	16QAM	12	7	21.88	21.77	21.95	21.87	21.84	23.5	2
5	16QAM	12	13	21.86	21.74	21.89	21.85	21.80		
5	16QAM	25	0	21.90	21.94	21.95	21.91	21.90		
5	64QAM	1	0	21.90	21.94	22.00	21.87	21.88		
5	64QAM	1	12	21.93	21.84	21.91	21.90	21.84	23.5	2
5	64QAM	1	24	21.88	21.81	21.92	21.91	21.82		
5	64QAM	12	0	20.80	20.83	20.88	20.80	20.79		
5	64QAM	12	7	20.78	20.79	20.88	20.76	20.75	22.5	3
5	64QAM	12	13	20.67	20.79	20.80	20.80	20.78		
5	64QAM	25	0	20.55	20.57	20.65	20.64	20.57		
5	256QAM	1	0	18.76	18.79	18.90	18.79	18.76		
5	256QAM	1	12	18.73	18.70	18.83	18.72	18.66	20.5	5
5	256QAM	1	24	18.72	18.71	18.76	18.63	18.71		
5	256QAM	12	0	18.88	18.89	18.90	18.89	18.89		
5	256QAM	12	7	18.63	18.73	18.78	18.66	18.65	20.5	5
5	256QAM	12	13	18.75	18.80	18.82	18.86	18.69		
5	256QAM	25	0	18.75	18.73	18.87	18.73	18.82		

Band 42 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.77	22.88	22.58		
20	QPSK	1	49	22.82	22.84	22.76	24.5	0
20	QPSK	1	99	22.73	22.82	22.77		
20	QPSK	50	0	22.48	22.55	22.42		
20	QPSK	50	24	22.32	22.54	22.38	23.5	1
20	QPSK	50	50	22.47	22.48	22.44		
20	QPSK	100	0	21.94	21.99	21.98		
20	16QAM	1	0	21.88	21.96	21.91		
20	16QAM	1	49	21.82	21.90	21.88	23.5	1
20	16QAM	1	99	21.91	21.96	21.92		
20	16QAM	50	0	20.72	20.73	20.67		
20	16QAM	50	24	20.72	20.70	20.76	22.5	2
20	16QAM	50	50	20.64	20.66	20.66		
20	16QAM	100	0	20.67	20.61	20.55		
20	64QAM	1	0	20.61	20.65	20.59		
20	64QAM	1	49	20.56	20.63	20.54	22.5	2
20	64QAM	1	99	20.59	20.60	20.56		
20	64QAM	50	0	19.65	19.76	19.66		
20	64QAM	50	24	19.64	19.72	19.69	21.5	3
20	64QAM	50	50	19.64	19.67	19.62		
20	64QAM	100	0	19.58	19.67	19.57		
20	256QAM	1	0	18.08	18.14	18.05		
20	256QAM	1	49	18.06	18.11	18.07	19.5	5
20	256QAM	1	99	18.01	18.08	18.05		
20	256QAM	50	0	17.87	17.76	17.70		
20	256QAM	50	24	17.58	17.68	17.59	19.5	5
20	256QAM	50	50	17.68	17.73	17.71		
20	256QAM	100	0	17.64	17.70	17.65		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.75	22.86	22.52		
15	QPSK	1	37	22.76	22.80	22.75	24.5	0
15	QPSK	1	74	22.67	22.74	22.74		
15	QPSK	36	0	22.43	22.47	22.31		
15	QPSK	36	20	22.25	22.31	22.36	23.5	1
15	QPSK	36	39	22.39	22.42	22.36		
15	QPSK	75	0	21.92	21.92	21.90		
15	16QAM	1	0	21.80	21.90	21.80		
15	16QAM	1	37	21.75	21.84	21.81	23.5	1
15	16QAM	1	74	21.87	21.91	21.85		
15	16QAM	36	0	20.64	20.63	20.65		
15	16QAM	36	20	20.67	20.68	20.73	22.5	2
15	16QAM	36	39	20.53	20.62	20.65		
15	16QAM	75	0	20.57	20.60	20.69		
15	64QAM	1	0	20.52	20.61	20.50		
15	64QAM	1	37	20.55	20.59	20.51	22.5	2
15	64QAM	1	74	20.51	20.55	20.71		
15	64QAM	36	0	19.60	19.74	19.61		
15	64QAM	36	20	19.59	19.69	19.62	21.5	3
15	64QAM	36	39	19.61	19.66	19.53		
15	64QAM	75	0	19.50	19.58	19.59		
15	256QAM	1	0	17.97	18.03	17.98		
15	256QAM	1	37	17.96	18.06	18.05	19.5	5
15	256QAM	1	74	17.96	18.00	18.04		
15	256QAM	36	0	17.65	17.68	17.64		
15	256QAM	36	20	17.57	17.62	17.58	19.5	5
15	256QAM	36	39	17.62	17.71	17.65		
15	256QAM	75	0	17.59	17.67	17.60		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.71	22.80	22.56		
10	QPSK	1	25	22.76	22.81	22.70	24.5	0
10	QPSK	1	49	22.67	22.80	22.66		
10	QPSK	25	0	22.44	22.46	22.37		
10	QPSK	25	12	22.21	22.36	22.30	23.5	1
10	QPSK	25	25	22.40	22.39	22.37		
10	QPSK	50	0	21.85	21.93	21.90		
10	16QAM	1	0	21.77	21.86	21.83		
10	16QAM	1	25	21.74	21.81	21.83	23.5	1
10	16QAM	1	49	21.88	21.95	21.88		
10	16QAM	25	0	20.68	20.70	20.65		
10	16QAM	25	12	20.67	20.63	20.70	22.5	2
10	16QAM	25	25	20.61	20.60	20.61		
10	16QAM	50	0	20.65	20.59	20.52		
10	64QAM	1	0	20.56	20.60	20.68		
10	64QAM	1	25	20.51	20.53	20.72	22.5	2
10	64QAM	1	49	20.50	20.52	20.67		
10	64QAM	25	0	19.56	19.72	19.60		
10	64QAM	25	12	19.55	19.66	19.68	21.5	3
10	64QAM	25	25	19.55	19.64	19.54		
10	64QAM	50	0	19.52	19.58	19.58		
10	256QAM	1	0	18.02	18.13	17.96		
10	256QAM	1	25	18.01	18.06	18.00	19.5	5
10	256QAM	1	49	17.93	17.99	17.96		
10	256QAM	25	0	17.59	17.69	17.64		
10	256QAM	25	12	17.60	17.58	17.50	19.5	5
10	256QAM	25	25	17.60	17.72	17.64		
10	256QAM	50	0	17.59	17.66	17.61		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.76	22.86	22.55		
5	QPSK	1	12	22.78	22.80	22.73	24.5	0
5	QPSK	1	24	22.70	22.74	22.68		
5	QPSK	12	0	22.44	22.51	22.40		
5	QPSK	12	7	22.27	22.36	22.28	23.5	1
5	QPSK	12	13	22.40	22.44	22.43		
5	QPSK	25	0	21.86	21.93	21.93		
5	16QAM	1	0	21.87

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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	24.88	24.95	24.91		
20	QPSK	1	49	24.84	24.89	24.85	25.7	0
20	QPSK	1	99	24.79	24.85	24.84		
20	QPSK	50	0	24.09	24.29	24.05		
20	QPSK	50	24	24.04	24.26	24.02	24.7	1
20	QPSK	50	50	24.07	24.12	24.05		
20	QPSK	100	0	23.82	23.90	23.80		
20	16QAM	1	0	23.82	23.89	23.84		
20	16QAM	1	49	23.82	23.83	23.73	24.7	1
20	16QAM	1	99	23.75	23.82	23.80		
20	16QAM	50	0	22.39	22.40	22.34		
20	16QAM	50	24	22.26	22.31	22.27	23.7	2
20	16QAM	50	50	22.30	22.38	22.37		
20	16QAM	100	0	22.48	22.49	22.42		
20	64QAM	1	0	23.14	23.18	23.15		
20	64QAM	1	49	23.04	23.14	23.07	23.7	2
20	64QAM	1	99	23.12	23.15	23.05		
20	64QAM	50	0	22.05	22.12	22.08		
20	64QAM	50	24	22.00	22.10	22.02	22.7	3
20	64QAM	50	50	21.93	22.02	21.98		
20	64QAM	100	0	21.79	21.89	21.79		
20	256QAM	1	0	19.56	19.65	19.55		
20	256QAM	1	49	19.52	19.63	19.57	20.7	5
20	256QAM	1	99	19.59	19.61	19.58		
20	256QAM	50	0	19.63	19.70	19.60		
20	256QAM	50	24	19.57	19.61	19.57	20.7	5
20	256QAM	50	50	19.49	19.58	19.49		
20	256QAM	100	0	19.59	19.62	19.59		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.82	24.90	24.81		
15	QPSK	1	37	24.78	24.88	24.83	25.7	0
15	QPSK	1	74	24.74	24.77	24.77		
15	QPSK	36	0	24.07	24.13	24.03		
15	QPSK	36	20	23.98	23.97	24.00	24.7	1
15	QPSK	36	39	23.98	24.05	24.04		
15	QPSK	75	0	23.79	23.81	23.73		
15	16QAM	1	0	23.79	23.83	23.76		
15	16QAM	1	37	23.75	23.76	23.66	24.7	1
15	16QAM	1	74	23.71	23.75	23.76		
15	16QAM	36	0	22.35	22.34	22.23		
15	16QAM	36	20	22.22	22.28	22.24	23.7	2
15	16QAM	36	39	22.20	22.34	22.35		
15	16QAM	75	0	22.39	22.40	22.34		
15	64QAM	1	0	23.03	23.08	23.12		
15	64QAM	1	37	22.98	23.07	23.02	23.7	2
15	64QAM	1	74	23.08	23.12	22.98		
15	64QAM	36	0	21.97	22.02	22.00		
15	64QAM	36	20	21.95	22.04	21.93	22.7	3
15	64QAM	36	39	21.91	21.97	21.94		
15	64QAM	75	0	21.75	21.80	21.77		
15	256QAM	1	0	19.49	19.58	19.47		
15	256QAM	1	37	19.47	19.57	19.48	20.7	5
15	256QAM	1	74	19.57	19.53	19.55		
15	256QAM	36	0	19.61	19.65	19.58		
15	256QAM	36	20	19.52	19.54	19.51	20.7	5
15	256QAM	36	39	19.42	19.55	19.39		
15	256QAM	75	0	19.53	19.54	19.53		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.79	24.85	24.84		
10	QPSK	1	25	24.78	24.88	24.76	25.7	0
10	QPSK	1	49	24.68	24.76	24.80		
10	QPSK	25	0	24.08	24.14	24.00		
10	QPSK	25	12	23.94	23.98	23.98	24.7	1
10	QPSK	25	25	24.03	24.02	23.96		
10	QPSK	50	0	23.79	23.87	23.76		
10	16QAM	1	0	23.78	23.87	23.75		
10	16QAM	1	25	23.80	23.77	23.69	24.7	1
10	16QAM	1	49	23.68	23.81	23.76		
10	16QAM	25	0	22.38	22.32	22.32		
10	16QAM	25	12	22.21	22.29	22.26	23.7	2
10	16QAM	25	25	22.24	22.30	22.31		
10	16QAM	50	0	22.46	22.46	22.40		
10	64QAM	1	0	23.04	23.08	23.11		
10	64QAM	1	25	22.94	23.06	22.99	23.7	2
10	64QAM	1	49	23.09	23.07	23.02		
10	64QAM	25	0	22.04	22.02	22.03		
10	64QAM	25	12	21.98	22.06	21.92	22.7	3
10	64QAM	25	25	21.86	22.01	21.93		
10	64QAM	50	0	21.72	21.87	21.73		
10	256QAM	1	0	19.51	19.60	19.48		
10	256QAM	1	25	19.45	19.55	19.48	20.7	5
10	256QAM	1	49	19.56	19.53	19.48		
10	256QAM	25	0	19.53	19.62	19.56		
10	256QAM	25	12	19.56	19.51	19.54	20.7	5
10	256QAM	25	25	19.47	19.53	19.46		
10	256QAM	50	0	19.54	19.54	19.50		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.81	24.93	24.81		
5	QPSK	1	12	24.83	24.82	24.78	25.7	0
5	QPSK	1	24	24.77	24.76	24.79		
5	QPSK	12	0	24.04	24.07	23.98		
5	QPSK	12	7	23.99	23.98	24.00	24.7	1
5	QPSK	12	13	24.06	24.05	24.02		
5	QPSK	25	0	23.78	23.82	23.71		
5	16QAM	1	0	23.71	23.82	23.77		
5	16QAM	1	12	23.74	23.82	23.72	24.7	1
5	16QAM	1	24	23.66	23.77	23.77		
5	16QAM	12	0	22.37	22.33	22.23		
5	16QAM	12	7	22.19	22.28	22.19	23.7	2
5	16QAM	12	13	22.19	22.31	22.33		
5	16QAM	25	0	22.37	22.45	22.39		
5	64QAM	1	0	23.07	23.15	23.05		
5	64QAM	1	12	23.01	23.10	23.04	23.7	2
5	64QAM	1	24	23.05	23.04	23.01		
5	64QAM	12	0	21.97	22.07	22.00		
5	64QAM	12	7	21.96	22.09	22.00	22.7	3
5	64QAM	12	13	21.89	21.92	21.91		
5	64QAM	25	0	21.70	21.87	21.70		
5	256QAM	1	0	19.53	19.60	19.45		
5	256QAM	1	12	19.49	19.58	19.52	20.7	5
5	256QAM	1	24	19.49	19.56	19.48		
5	256QAM	12	0	19.52	19.61	19.51		
5	256QAM	12	7	19.54	19.53	19.49	20.7	5
5	256QAM	12	13	19.47	19.54	19.45		
5	256QAM	25	0	19.48	19.53	19.56		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	24.92	25.10	25.01	24.83		
20	QPSK	1	49	24.99	25.09	25.01	25.03	25.7	0
20	QPSK	1	99	25.02	25.04	25.00	25.00		
20	QPSK	50	0	24.15	24.31	24.12	24.18		
20	QPSK	50	24	24.09	24.29	24.09	24.05	24.7	1
20	QPSK	50	50	24.12	24.19	24.12	24.13		
20	QPSK	100	0	24.10	24.17	24.11	24.09		
20	16QAM	1	0	24.04	24.11	24.07	24.08		
20	16QAM	1	49	24.07	24.16	24.05	24.10	24.7	1
20	16QAM	1	99	24.07	24.10	24.06	24.04		
20	16QAM	50	0	23.15	23.22	23.19	23.16		
20	16QAM	50	24	23.02	23.11	23.03	23.03	23.7	2
20	16QAM	50	50	23.04	23.11	23.04	23.02		
20	16QAM	100	0	23.22	23.23	23.19	23.13		
20	64QAM	1	0	23.25	23.27	23.21	23.17		
20	64QAM	1	49	23.08	23.12	23.08	23.07	23.7	2
20	64QAM	1	99	23.09	23.16	23.13	23.05		
20	64QAM	50	0	22.14	22.25	22.18	22.24		
20	64QAM	50	24	22.21	22.23	22.19	22.13	22.7	3
20	64QAM	50	50	22.14	22.16	22.14	22.11		
20	64QAM	100	0	22.16	22.21	22.18	22.12		
20	256QAM	1	0	20.02	20.07	19.98	20.01		
20	256QAM	1	49	19.92	19.98	19.92	19.91	20.7	5
20	256QAM	1	99	19.87	19.96	19.92	19.90		
20	256QAM	50	0	20.10	20.17	20.08	20.08		
20	256QAM	50	24	19.96	20.01	19.99	19.95	20.7	5
20	256QAM	50	50	20.02	20.05	19.99	20.02		
20	256QAM	100	0	20.15	20.22	20.12	20.19		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	24.84	25.01	24.91	24.80		
15	QPSK	1	37	24.93	25.02	24.93	24.93	25.7	0
15	QPSK	1	74	24.97	24.99	24.96	24.91		
15	QPSK	36	0	24.06	24.14	24.05	24.12		
15	QPSK	36	20	24.03	24.07	24.05	24.02	24.7	1
15	QPSK	36	39	24.05	24.18	24.09	24.09		
15	QPSK	75	0	24.04	24.11	24.01	23.99		
15	16QAM	1	0	24.01	24.10	23.98	23.96		
15	16QAM	1	37	24.05	24.14	23.97	24.09	24.7	1
15	16QAM	1	74	24.04	24.05	24.00	23.99		
15	16QAM	36	0	23.05	23.15	23.15	23.09		
15	16QAM	36	20	22.94	23.06	22.92	22.99	23.7	2
15	16QAM	36	39	22.96	23.09	22.94	23.00		
15	16QAM	75	0	23.20	23.15	23.16	23.09		
15	64QAM	1	0	23.20	23.21	23.20	23.16		
15	64QAM	1	37	22.98	23.05	23.04	22.98	23.7	2
15	64QAM	1	74	23.07	23.05	23.10	22.98		
15	64QAM	36	0	22.10	22.15	22.16	22.16		
15	64QAM	36	20	22.18	22.20	22.08	22.10	22.7	3
15	64QAM	36	39	22.04	22.14	22.03	22.07		
15	64QAM	75	0	22.12	22.17	22.11	22.07		
15	256QAM	1	0	19.99	20.05	19.88	19.97		
15	256QAM	1	37	19.89	19.91	19.81	19.87	20.7	5
15	256QAM	1	74	19.79	19.93	19.82	19.86		
15	256QAM	36	0	20.05	20.08	20.06	19.98		
15	256QAM	36	20	19.91	19.92	19.94	19.92	20.7	5
15	256QAM	36	39	19.96	19.98	19.91	19.92		
15	256QAM	75	0	20.14	20.20	20.04	20.09		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	24.81	25.06	24.92	24.74		
10	QPSK	1	25	24.88	25.05	24.94	24.94	25.7	0
10	QPSK	1	49	24.99	24.97	24.90	24.96		
10	QPSK	25	0	24.12	24.18	24.09	24.13		
10	QPSK	25	12	24.06	24.04	24.07	24.02	24.7	1
10	QPSK	25	25	24.10	24.10	24.10	24.07		
10	QPSK	50	0	24.08	24.10	24.05	24.05		
10	16QAM	1	0	23.93	24.05	24.03	24.05		
10	16QAM	1	25	23.98	24.10	24.03	24.00	24.7	1
10	16QAM	1	49	23.99	24.08	24.02	23.94		
10	16QAM	25	0	23.05	23.16	23.14	23.07		
10	16QAM	25	12	22.99	23.06	22.94	22.97	23.7	2
10	16QAM	25	25	22.94	23.09	22.98	22.99		
10	16QAM	50	0	23.20	23.18	23.15	23.02		
10	64QAM	1	0	23.21	23.23	23.11	23.11		
10	64QAM	1	25	22.99	23.09	23.03	22.98	23.7	2
10	64QAM	1	49	23.04	23.06	23.10	22.97		
10	64QAM	25	0	22.13	22.19	22.11	22.15		
10	64QAM	25	12	22.14	22.14	22.09	22.10	22.7	3
10	64QAM	25	25	22.04	22.09	22.03	22.04		
10	64QAM	50	0	22.14	22.16	22.16	22.01		
10	256QAM	1	0	19.95	20.06	19.96	19.91		
10	256QAM	1	25	19.90	19.88	19.89	19.89	20.7	5
10	256QAM	1	49	19.86	19.86	19.83	19.85		
10	256QAM	25	0	20.05	20.12	20.03	20.01		
10	256QAM	25	12	19.94	19.94	19.92	19.91	20.7	5
10	256QAM	25	25	19.95	19.99	19.95	19.97		
10	256QAM	50	0	20.10	20.16	20.05	20.17		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	24.84	25.00	24.91	24.74		
5	QPSK	1	12	24.96	25.08	24.96	24.99	25.7	0
5	QPSK	1	24	24.95	24.98	24.91	24.94		
5	QPSK	12	0	24.00	24.19	24.04	24.07		
5	QPSK	12	7	24.00	24.09	24.02	23.95	24.7	1
5	QPSK	12	13	24.08	24.11	24.09	24.08		
5	QPSK	25	0	24.09	24.06	23.98	24.05		
5	16QAM	1	0	24.00	24.00	23.97	24.04		
5	16QAM	1	12	24.01	24.09	24.03	24.03	24.7	1
5	16QAM	1	24	24.01	24.00	24.00	24.00		
5	16QAM	12	0	23.09	23.17	23.18	23.08		
5	16QAM	12	7	23.00	23.01	22.95	23.02	23.7	2
5	16QAM	12	13	23.00	23.03	22.99	22.94		
5	16QAM	25	0	23.16	23.17	23.11	23.08		
5	64QAM	1	0	23.15	23.25	23.19	23.15		
5	64QAM	1	12	23.07	23.01	23.02	22.99	23.7	2
5	64QAM	1	24	23.04	23.06	23.07	22.97		
5	64QAM	12	0	22.09	22.16	22.12	22.14		
5	64QAM	12	7	22.15	22.20	22.11	22.10	22.7	3
5	64QAM	12	13	22.05	22.10	22.06	22.07		
5	64QAM	25	0	22.11	22.19	22.08	22.04		
5	256QAM	1	0	19.92	20.03	19.95	19.96		
5	256QAM	1	12	19.88	19.89	19.85	19.87	20.7	5
5	256QAM	1	24	19.86	19.85	19.85	19.79		
5	256QAM	12	0	20.01	20.12	20.02	20.04		
5	256QAM	12	7	19.86	20.00	19.92	19.88	20.7	5
5	256QAM	12	13	19.91	19.97	19.95	19.95		
5	256QAM	25	0	20.13	20.13	20.01	20.17		

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BW [MHz]	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	20.33	20.15		
20	QPSK	1	49	20.26	20.30	20.19	21	0
20	QPSK	1	99	20.25	20.32	20.27		
20	QPSK	50	0	19.28	19.47	19.35		
20	QPSK	50	24	19.21	19.45	19.26	20	1
20	QPSK	50	50	19.29	19.34	19.27		
20	QPSK	100	0	19.25	19.30	19.26		
20	16QAM	1	0	19.24	19.32	19.30		
20	16QAM	1	49	19.22	19.33	19.32	20	1
20	16QAM	1	99	19.23	19.28	19.21		
20	16QAM	50	0	18.21	18.32	18.22		
20	16QAM	50	24	18.22	18.32	18.24	19	2
20	16QAM	50	50	18.27	18.32	18.27		
20	16QAM	100	0	18.31	18.34	18.25		
20	64QAM	1	0	18.25	18.36	18.27		
20	64QAM	1	49	18.31	18.36	18.28	19	2
20	64QAM	1	99	18.24	18.33	18.27		
20	64QAM	50	0	17.29	17.35	17.30		
20	64QAM	50	24	17.33	17.35	17.30	18	3
20	64QAM	50	50	17.26	17.31	17.29		
20	64QAM	100	0	17.27	17.35	17.33		
20	256QAM	1	0	15.35	15.38	15.28		
20	256QAM	1	49	15.31	15.34	15.29	16	5
20	256QAM	1	99	15.28	15.36	15.25		
20	256QAM	50	0	15.26	15.34	15.27		
20	256QAM	50	24	15.23	15.34	15.31	16	5
20	256QAM	50	50	15.28	15.38	15.34		
20	256QAM	100	0	15.28	15.33	15.26		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.22	20.27	20.08		
15	QPSK	1	37	20.23	20.25	20.11	21	0
15	QPSK	1	74	20.18	20.30	20.24		
15	QPSK	36	0	19.18	19.28	19.32		
15	QPSK	36	20	19.15	19.30	19.20	20	1
15	QPSK	36	39	19.25	19.24	19.18		
15	QPSK	75	0	19.20	19.23	19.20		
15	16QAM	1	0	19.17	19.26	19.21		
15	16QAM	1	37	19.13	19.23	19.28	20	1
15	16QAM	1	74	19.15	19.22	19.11		
15	16QAM	36	0	18.12	18.30	18.14		
15	16QAM	36	20	18.12	18.30	18.15	19	2
15	16QAM	36	39	18.18	18.31	18.18		
15	16QAM	75	0	18.25	18.31	18.20		
15	64QAM	1	0	18.14	18.35	18.19		
15	64QAM	1	37	18.22	18.35	18.26	19	2
15	64QAM	1	74	18.19	18.23	18.24		
15	64QAM	36	0	17.28	17.30	17.22		
15	64QAM	36	20	17.23	17.26	17.27	18	3
15	64QAM	36	39	17.15	17.24	17.25		
15	64QAM	75	0	17.26	17.27	17.25		
15	256QAM	1	0	15.33	15.36	15.24		
15	256QAM	1	37	15.28	15.27	15.24	16	5
15	256QAM	1	74	15.19	15.25	15.18		
15	256QAM	36	0	15.16	15.24	15.17		
15	256QAM	36	20	15.19	15.28	15.27	16	5
15	256QAM	36	39	15.20	15.27	15.26		
15	256QAM	75	0	15.26	15.25	15.23		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.26	20.30	20.07		
10	QPSK	1	25	20.20	20.23	20.17	21	0
10	QPSK	1	49	20.19	20.29	20.26		
10	QPSK	25	0	19.19	19.35	19.28		
10	QPSK	25	12	19.13	19.29	19.18	20	1
10	QPSK	25	25	19.26	19.33	19.18		
10	QPSK	50	0	19.24	19.24	19.20		
10	16QAM	1	0	19.18	19.29	19.25		
10	16QAM	1	25	19.18	19.32	19.26	20	1
10	16QAM	1	49	19.13	19.18	19.19		
10	16QAM	25	0	18.17	18.25	18.15		
10	16QAM	25	12	18.20	18.27	18.19	19	2
10	16QAM	25	25	18.21	18.21	18.26		
10	16QAM	50	0	18.20	18.24	18.19		
10	64QAM	1	0	18.16	18.26	18.23		
10	64QAM	1	25	18.24	18.27	18.25	19	2
10	64QAM	1	49	18.20	18.24	18.16		
10	64QAM	25	0	17.18	17.27	17.19		
10	64QAM	25	12	17.29	17.29	17.26	18	3
10	64QAM	25	25	17.21	17.28	17.23		
10	64QAM	50	0	17.19	17.27	17.29		
10	256QAM	1	0	15.29	15.30	15.25		
10	256QAM	1	25	15.22	15.26	15.24	16	5
10	256QAM	1	49	15.20	15.26	15.19		
10	256QAM	25	0	15.20	15.31	15.24		
10	256QAM	25	12	15.22	15.30	15.25	16	5
10	256QAM	25	25	15.18	15.33	15.33		
10	256QAM	50	0	15.24	15.30	15.16		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.29	20.31	20.07		
5	QPSK	1	12	20.17	20.21	20.12	21	0
5	QPSK	1	24	20.19	20.25	20.19		
5	QPSK	12	0	19.19	19.28	19.27		
5	QPSK	12	7	19.20	19.26	19.19	20	1
5	QPSK	12	13	19.26	19.33	19.25		
5	QPSK	25	0	19.15	19.28	19.20		
5	16QAM	1	0	19.14	19.21	19.20		
5	16QAM	1	12	19.21	19.26	19.30	20	1
5	16QAM	1	24	19.19	19.20	19.19		
5	16QAM	12	0	18.12	18.31	18.20		
5	16QAM	12	7	18.12	18.23	18.16	19	2
5	16QAM	12	13	18.20	18.31	18.16		
5	16QAM	25	0	18.23	18.27	18.19		
5	64QAM	1	0	18.14	18.27	18.25		
5	64QAM	1	12	18.26	18.29	18.18	19	2
5	64QAM	1	24	18.18	18.24	18.17		
5	64QAM	12	0	17.26	17.25	17.23		
5	64QAM	12	7	17.25	17.29	17.20	18	3
5	64QAM	12	13	17.21	17.22	17.26		
5	64QAM	25	0	17.24	17.32	17.27		
5	256QAM	1	0	15.33	15.28	15.21		
5	256QAM	1	12	15.20	15.31	15.18	16	5
5	256QAM	1	24	15.23	15.33	15.16		
5	256QAM	12	0	15.20	15.26	15.23		
5	256QAM	12	7	15.22	15.27	15.24	16	5
5	256QAM	12	13	15.27	15.31	15.31		
5	256QAM	25	0	15.19	15.31	15.20		

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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	20.01	20.23	19.91	19.96		
20	QPSK	1	49	20.15	20.17	20.13	20.14	21.5	0
20	QPSK	1	99	20.10	20.14	20.07	20.06		
20	QPSK	50	0	19.18	19.30	19.17	19.10		
20	QPSK	50	24	19.02	19.31	19.01	19.04	20.5	1
20	QPSK	50	50	19.12	19.18	19.15	19.14		
20	QPSK	100	0	19.14	19.17	19.15	19.15		
20	16QAM	1	0	19.00	19.05	19.00	18.95		
20	16QAM	1	49	18.95	18.97	18.91	18.91	20.5	1
20	16QAM	1	99	18.93	19.01	18.91	18.93		
20	16QAM	50	0	18.16	18.18	18.13	18.12		
20	16QAM	50	24	18.04	18.09	18.00	18.00	19.5	2
20	16QAM	50	50	18.10	18.13	18.04	18.03		
20	16QAM	100	0	18.16	18.18	18.09	18.16		
20	64QAM	1	0	18.18	18.24	18.22	18.14		
20	64QAM	1	49	18.08	18.10	18.04	18.00	19.5	2
20	64QAM	1	99	18.07	18.11	18.05	18.07		
20	64QAM	50	0	17.11	17.19	17.08	17.15		
20	64QAM	50	24	17.04	17.13	17.09	17.04	18.5	3
20	64QAM	50	50	17.12	17.17	17.11	17.15		
20	64QAM	100	0	17.09	17.20	17.13	17.17		
20	256QAM	1	0	15.21	15.27	15.17	15.20		
20	256QAM	1	49	15.18	15.22	15.13	15.12	16.5	5
20	256QAM	1	99	15.17	15.18	15.17	15.10		
20	256QAM	50	0	15.29	15.36	15.34	15.32		
20	256QAM	50	24	15.24	15.32	15.19	15.29	16.5	5
20	256QAM	50	50	15.18	15.20	15.18	15.21		
20	256QAM	100	0	15.24	15.32	15.22	15.30		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3618	3652	3712.5		
15	QPSK	1	0	19.96	20.14	19.85	19.89		
15	QPSK	1	37	20.11	20.09	20.09	20.06	21.5	0
15	QPSK	1	74	20.00	20.09	20.01	19.99		
15	QPSK	36	0	19.10	19.11	19.11	19.02		
15	QPSK	36	20	18.97	19.08	18.93	18.93	20.5	1
15	QPSK	36	39	19.05	19.17	19.08	19.08		
15	QPSK	75	0	19.07	19.11	19.06	19.07		
15	16QAM	1	0	18.94	19.04	18.97	18.84		
15	16QAM	1	37	18.85	18.92	18.80	18.81	20.5	1
15	16QAM	1	74	18.83	18.95	18.89	18.92		
15	16QAM	36	0	18.10	18.14	18.03	18.06		
15	16QAM	36	20	18.01	18.01	17.96	17.98	19.5	2
15	16QAM	36	39	18.05	18.04	18.02	17.97		
15	16QAM	75	0	18.06	18.16	18.05	18.08		
15	64QAM	1	0	18.07	18.22	18.16	18.06		
15	64QAM	1	37	17.98	18.00	18.02	17.99	19.5	2
15	64QAM	1	74	17.97	18.08	17.98	17.97		
15	64QAM	36	0	17.05	17.15	17.06	17.07		
15	64QAM	36	20	16.96	17.07	16.99	17.01	18.5	3
15	64QAM	36	39	17.11	17.12	17.07	17.05		
15	64QAM	75	0	17.06	17.12	17.06	17.14		
15	256QAM	1	0	15.17	15.21	15.09	15.15		
15	256QAM	1	37	15.11	15.21	15.03	15.06	16.5	5
15	256QAM	1	74	15.10	15.08	15.12	15.04		
15	256QAM	36	0	15.19	15.29	15.23	15.27		
15	256QAM	36	20	15.17	15.29	15.17	15.25	16.5	5
15	256QAM	36	39	15.14	15.09	15.10	15.12		
15	256QAM	75	0	15.16	15.23	15.19	15.24		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.95	20.13	19.82	19.93		
10	QPSK	1	25	20.14	20.14	20.05	20.10	21.5	0
10	QPSK	1	49	20.00	20.12	20.00	19.95		
10	QPSK	25	0	19.12	19.12	19.12	19.08		
10	QPSK	25	12	18.99	19.03	18.94	18.96	20.5	1
10	QPSK	25	25	19.10	19.10	19.09	19.11		
10	QPSK	50	0	19.07	19.11	19.12	19.14		
10	16QAM	1	0	18.96	19.02	18.98	18.94		
10	16QAM	1	25	18.89	18.91	18.89	18.83	20.5	1
10	16QAM	1	49	18.89	18.91	18.80	18.82		
10	16QAM	25	0	18.08	18.07	18.07	18.02		
10	16QAM	25	12	17.99	17.98	17.94	17.93	19.5	2
10	16QAM	25	25	18.05	18.06	17.93	17.95		
10	16QAM	50	0	18.10	18.08	18.02	18.10		
10	64QAM	1	0	18.12	18.14	18.15	18.09		
10	64QAM	1	25	18.05	18.03	17.97	17.97	19.5	2
10	64QAM	1	49	18.01	18.03	17.98	18.01		
10	64QAM	25	0	17.02	17.11	16.98	17.05		
10	64QAM	25	12	16.95	17.08	17.01	16.99	18.5	3
10	64QAM	25	25	17.10	17.07	17.06	17.08		
10	64QAM	50	0	17.07	17.10	17.04	17.07		
10	256QAM	1	0	15.15	15.21	15.14	15.12		
10	256QAM	1	25	15.14	15.16	15.11	15.09	16.5	5
10	256QAM	1	49	15.12	15.17	15.15	15.08		
10	256QAM	25	0	15.26	15.28	15.27	15.27		
10	256QAM	25	12	15.16	15.25	15.11	15.25	16.5	5
10	256QAM	25	25	15.10	15.10	15.12	15.18		
10	256QAM	50	0	15.17	15.28	15.16	15.20		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.92	20.15	19.86	19.85		
5	QPSK	1	12	20.11	20.12	20.11	20.12	21.5	0
5	QPSK	1	24	20.01	20.07	20.04	19.97		
5	QPSK	12	0	19.10	19.16	19.14	19.07		
5	QPSK	12	7	18.95	19.02	18.98	19.03	20.5	1
5	QPSK	12	13	19.03	19.11	19.06	19.04		
5	QPSK	25	0	19.04	19.07	19.11	19.10		
5	16QAM	1	0	18.96	18.95	18.98	18.86		
5	16QAM	1	12	18.92	18.88	18.84	18.85	20.5	1
5	16QAM	1	24	18.89	18.93	18.85	18.82		
5	16QAM	12	0	18.14	18.16	18.12	18.07		
5	16QAM	12	7	18.03	18.00	17.92	17.93	19.5	2
5	16QAM	12	13	17.99	18.05	18.02	17.92		
5	16QAM	25	0	18.12	18.15	18.04	18.10		
5	64QAM	1	0	18.10	18.22	18.19	18.12		
5	64QAM	1	12	17.99	18.07	17.98	17.93	19.5	2
5	64QAM	1	24	18.00	18.02	17.98	18.03		
5	64QAM	12	0	17.08	17.11	17.05	17.12		
5	64QAM	12	7	16.95	17.07	17.06	17.00	18.5	3
5	64QAM	12	13	17.07	17.07	17.04	17.13		
5	64QAM	25	0	17.06	17.15	17.06	17.15		
5	256QAM	1	0	15.15	15.18	15.14	15.17		
5	256QAM	1	12	15.09	15.14	15.07	15.06	16.5	5
5	256QAM	1	24	15.12	15.12	15.15	15.09		
5	256QAM	12	0	15.18	15.30	15.26	15.25		
5	256QAM	12	7	15.23	15.31	15.11	15.24	16.5	5
5	256QAM	12	13	15.16	15.11	15.10	15.12		
5	256QAM	25	0	15.19	15.31	15.14	15.19		

Reduced Power for DSI 1

	GSM850 Ant0 DSI1							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.84	32.90	32.87	34.50	23.84	23.90	23.87	25.50
GPRS 1 Tx slot	32.89	32.91	32.81	34.50	23.89	23.91	23.81	25.50
GPRS 2 Tx slots	30.16	30.18	30.17	31.50	24.16	24.18	24.17	25.50
GPRS 3 Tx slots	28.23	28.31	28.22	29.70	23.97	24.05	23.96	25.44
GPRS 4 Tx slots	27.13	27.15	27.08	28.50	24.13	24.15	24.08	25.50
EDGE 1 Tx slot	27.29	27.31	27.28	28.50	18.29	18.31	18.28	19.50
EDGE 2 Tx slots	24.91	24.94	24.91	25.50	18.91	18.94	18.91	19.50
EDGE 3 Tx slots	23.13	23.18	23.16	23.70	18.87	18.92	18.90	19.44
EDGE 4 Tx slots	21.68	21.73	21.72	22.50	18.68	18.73	18.72	19.50

		WCDMA V Ant0 DSI1				WCDMA IV Ant0 DSI1			
Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.85	24.84	24.82	25.70	19.98	20.12	19.89	21.80
3GPP Rel 99	RMC 12.2Kbps	24.91	24.95	24.93	25.70	19.98	20.22	19.97	21.80
3GPP Rel 6	HSDPA Subtest-1	23.71	24.01	23.75	24.70	18.94	19.31	19.10	20.80
3GPP Rel 6	HSDPA Subtest-2	23.66	23.86	23.82	24.70	18.96	19.18	19.11	20.80
3GPP Rel 6	HSDPA Subtest-3	23.16	23.27	23.21	24.20	18.39	18.65	18.48	20.30
3GPP Rel 6	HSDPA Subtest-4	23.31	23.25	23.16	24.20	18.56	18.52	18.44	20.30
3GPP Rel 8	DC-HSDPA Subtest-1	23.61	23.69	23.63	24.70	18.99	19.04	18.97	20.80
3GPP Rel 8	DC-HSDPA Subtest-2	23.64	23.85	23.73	24.70	18.92	19.06	19.04	20.80
3GPP Rel 8	DC-HSDPA Subtest-3	23.33	23.36	23.30	24.20	18.66	18.59	18.55	20.30
3GPP Rel 8	DC-HSDPA Subtest-4	23.36	23.25	23.17	24.20	18.67	18.52	18.51	20.30
3GPP Rel 6	HSUPA Subtest-1	23.79	24.00	23.80	24.70	19.15	19.27	19.14	20.80
3GPP Rel 6	HSUPA Subtest-2	21.77	21.76	21.89	22.70	17.14	17.00	17.22	18.80
3GPP Rel 6	HSUPA Subtest-3	22.75	22.90	22.80	23.70	18.03	18.11	18.03	19.80
3GPP Rel 6	HSUPA Subtest-4	21.63	21.94	21.62	22.70	16.91	17.20	16.88	18.80
3GPP Rel 6	HSUPA Subtest-5	23.55	23.88	23.76	24.70	18.88	19.24	19.06	20.80
3GPP Rel 7	HSPA+ (16QAM) Subtest5	21.27	21.32	21.21	22.20	16.57	16.67	16.46	18.30

Band 4 Ant0 Other PA DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.53	21.65	21.55	22.2	0
20	QPSK	1	49	21.55	21.64	21.48		
20	QPSK	1	99	21.47	21.44	21.44		
20	QPSK	50	0	21.44	21.59	21.52	22.2	0
20	QPSK	50	24	21.42	21.57	21.56		
20	QPSK	50	50	21.51	21.51	21.43		
20	QPSK	100	0	21.42	21.57	21.47		
20	16QAM	1	0	21.42	21.63	21.5	22.2	0
20	16QAM	1	49	21.49	21.59	21.45		
20	16QAM	1	99	21.41	21.42	21.38		
20	16QAM	50	0	21.35	21.49	21.43	22.2	0
20	16QAM	50	24	21.41	21.52	21.54		
20	16QAM	50	50	21.49	21.5	21.33		
20	16QAM	100	0	21.34	21.47	21.36		
20	64QAM	1	0	21.45	21.61	21.46	22.2	0
20	64QAM	1	49	21.45	21.59	21.45		
20	64QAM	1	99	21.43	21.35	21.41		
20	64QAM	50	0	21.38	21.53	21.48	22.2	0
20	64QAM	50	24	21.36	21.48	21.46		
20	64QAM	50	50	21.49	21.46	21.32		
20	64QAM	100	0	21.39	21.47	21.39		
20	256QAM	1	0	20.03	20.11	20.03	20.7	1.5
20	256QAM	1	49	20.01	20.11	19.97		
20	256QAM	1	99	19.95	19.92	19.94		
20	256QAM	50	0	19.94	20.13	19.97	20.7	1.5
20	256QAM	50	24	19.96	20.03	20.08		
20	256QAM	50	50	19.99	20.05	19.97		
20	256QAM	100	0	19.96	20.05	20		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.43	21.61	21.43	22.2	0
15	QPSK	1	37	21.49	21.55	21.38		
15	QPSK	1	74	21.43	21.35	21.39		
15	QPSK	36	0	21.33	21.51	21.4	22.2	0
15	QPSK	36	20	21.35	21.52	21.49		
15	QPSK	36	39	21.44	21.4	21.31		
15	QPSK	75	0	21.35	21.52	21.41	22.2	0
15	16QAM	1	0	21.37	21.51	21.42		
15	16QAM	1	37	21.39	21.51	21.37		
15	16QAM	1	74	21.32	21.38	21.3		
15	16QAM	36	0	21.23	21.45	21.36	22.2	0
15	16QAM	36	20	21.29	21.41	21.46		
15	16QAM	36	39	21.43	21.44	21.22		
15	16QAM	75	0	21.25	21.38	21.26		
15	64QAM	1	0	21.38	21.58	21.34	22.2	0
15	64QAM	1	37	21.35	21.49	21.36		
15	64QAM	1	74	21.35	21.29	21.29		
15	64QAM	36	0	21.25	21.41	21.37	22.2	0
15	64QAM	36	20	21.3	21.44	21.47		
15	64QAM	36	39	21.43	21.37	21.26		
15	64QAM	75	0	21.35	21.43	21.28		
15	256QAM	1	0	19.93	20.06	19.93	20.7	1.5
15	256QAM	1	37	19.91	20.03	19.87		
15	256QAM	1	74	19.92	19.83	19.9		
15	256QAM	36	0	19.89	20.01	19.94	20.7	1.5
15	256QAM	36	20	19.87	19.93	19.98		
15	256QAM	36	39	19.94	19.93	19.9		
15	256QAM	75	0	19.89	20.01	19.9		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.45	21.57	21.43	22.2	0
10	QPSK	1	25	21.51	21.55	21.39		
10	QPSK	1	49	21.37	21.39	21.36		
10	QPSK	25	0	21.39	21.48	21.46	22.2	0
10	QPSK	25	12	21.37	21.51	21.48		
10	QPSK	25	25	21.46	21.41	21.35		
10	QPSK	50	0	21.31	21.46	21.35		
10	16QAM	1	0	21.37	21.57	21.41	22.2	0
10	16QAM	1	25	21.43	21.5	21.41		
10	16QAM	1	49	21.3	21.37	21.33		
10	16QAM	25	0	21.24	21.45	21.31	22.2	0
10	16QAM	25	12	21.32	21.49	21.44		
10	16QAM	25	25	21.39	21.39	21.28		
10	16QAM	50	0	21.28	21.37	21.25		
10	64QAM	1	0	21.35	21.58	21.33	22.2	0
10	64QAM	1	25	21.4	21.52	21.33		
10	64QAM	1	49	21.32	21.26	21.32		
10	64QAM	25	0	21.3	21.41	21.44	22.2	0
10	64QAM	25	12	21.26	21.44	21.38		
10	64QAM	25	25	21.41	21.38	21.28		
10	64QAM	50	0	21.34	21.37	21.27		
10	256QAM	1	0	19.97	20.05	19.92	20.7	1.5
10	256QAM	1	25	19.94	20.08	19.91		
10	256QAM	1	49	19.84	19.87	19.86		
10	256QAM	25	0	19.87	20.02	19.9	20.7	1.5
10	256QAM	25	12	19.9	19.97	20.02		
10	256QAM	25	25	19.92	19.97	19.86		
10	256QAM	50	0	19.89	19.95	19.93		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.47	21.6	21.47	22.2	0
5	QPSK	1	12	21.46	21.57	21.42		
5	QPSK	1	24	21.43	21.35	21.35		
5	QPSK	12	0	21.35	21.55	21.42	22.2	0
5	QPSK	12	7	21.31	21.48	21.51		
5	QPSK	12	13	21.39	21.38	21.36		
5	QPSK	25	0	21.29	21.49	21.44		
5	16QAM	1	0	21.36	21.51	21.43	22.2	0
5	16QAM	1	12	21.44	21.56	21.39		
5	16QAM	1	24	21.33	21.34	21.34		
5	16QAM	12	0	21.24	21.39	21.39	22.2	0
5	16QAM	12	7	21.32	21.41	21.42		
5	16QAM	12	13	21.39	21.39	21.22		
5	16QAM	25	0	21.29	21.42	21.3		
5	64QAM	1	0	21.38	21.51	21.39	22.2	0
5	64QAM	1	12	21.38	21.49	21.4		
5	64QAM	1	24	21.33	21.3	21.3		
5	64QAM	12	0	21.35	21.47	21.4	22.2	0
5	64QAM	12	7	21.24	21.4	21.42		
5	64QAM	12	13	21.38	21.37	21.27		
5	64QAM	25	0	21.26	21.36	21.36		
5	256QAM	1	0	19.93	20.02	19.97	20.7	1.5
5	256QAM	1	12	19.94	19.98	19.89		
5	256QAM	1	24	19.87	19.86	19.87		
5	256QAM	12	0	19.85	20.03	19.89	20.7	1.5
5	256QAM	12	7	19.92	19.92	20.05		
5	256QAM	12	13	19.95	19.94	19.9		
5	256QAM	25	0	19.89	19.98	19.9		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.41	21.55	21.45	22.2	0
3	QPSK	1	8	21.44	21.54	21.41		
3	QPSK	1	14	21.42	21.41	21.38		
3	QPSK	8	0	21.38	21.54	21.4	22.2	0
3	QPSK	8	4	21.36	21.47	21.49		
3	QPSK	8	7	21.45	21.38	21.32		
3	QPSK	15	0	21.3	21.54	21.35		
3	16QAM	1	0	21.32	21.56	21.47	22.2	0
3	16QAM	1	8	21.45	21.52	21.4		
3	16QAM	1	14	21.32	21.38	21.29		
3	16QAM	8	0	21.23	21.41	21.31	22.2	0
3	16QAM	8	4	21.32	21.41	21.48		
3	16QAM	8	7	21.45	21.38	21.22		
3	16QAM	15	0	21.31	21.37	21.26		
3	64QAM	1	0	21.41	21.53	21.36	22.2	0
3	64QAM	1	8	21.41	21.53	21.34		
3	64QAM	1	14	21.3	21.24	21.33		
3	64QAM	8	0	21.28	21.48	21.38	22.2	0
3	64QAM	8	4	21.29	21.36	21.38		
3	64QAM	8	7	21.37	21.35	21.23		
3	64QAM	15	0	21.35	21.41	21.34		
3	256QAM	1	0	19.97	20	19.95	20.7	1.5
3	256QAM	1	8	19.93	20.05	19.85		
3	256QAM	1	14	19.89	19.81	19.86		
3	256QAM	8	0	19.86	20.09	19.92	20.7	1.5
3	256QAM	8	4	19.84	19.96	19.98		
3	256QAM	8	7	19.94	19.98	19.88		
3	256QAM	15	0	19.89	19.99	19.96		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.41	21.61	21.47	22.2	0
1.4	QPSK	1	3	21.44	21.53	21.4		
1.4	QPSK	1	5	21.43	21.4	21.37		
1.4	QPSK	3	0	21.33	21.54	21.47		
1.4	QPSK	3	1	21.37	21.49	21.45		
1.4	QPSK	3	3	21.46	21.47	21.39		
1.4	QPSK	6	0	21.31	21.45	21.42	22.2	0
1.4	16QAM	1	0	21.31	21.55	21.45	22.2	0
1.4	16QAM	1	3	21.45	21.47	21.38		
1.4	16QAM	1	5	21.37	21.34	21.27		
1.4	16QAM	3	0	21.29	21.45	21.33		
1.4	16QAM	3	1	21.36	21.45	21.41		
1.4	16QAM	3	3	21.38	21.42	21.24		
1.4	16QAM	6	0	21.28	21.43	21.32	22.2	0
1.4	64QAM	1	0	21.36	21.57	21.43	22.2	0
1.4	64QAM	1	3	21.41	21.54	21.34		
1.4	64QAM	1	5	21.31	21.26	21.29		
1.4	64QAM	3	0	21.31	21.4	21.37		
1.4	64QAM	3	1	21.26	21.38	21.41		
1.4	64QAM	3	3	21.42	21.36	21.28		
1.4	64QAM	6	0	21.32	21.44	21.29	22.2	0
1.4	256QAM	1	0	19.92	20.02	19.97	20.7	1.5
1.4	256QAM	1	3	19.89	20.01	19.85		
1.4	256QAM	1	5	19.86	19.8	19.91		
1.4	256QAM	3	0	19.83	20.08	19.92		
1.4	256QAM	3	1	19.92	19.94	19.95		
1.4	256QAM	3	3	19.94	20	19.93		
1.4	256QAM	6	0	19.9	19.94	19.89	20.7	1.5

Band 5 Ant0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.89	24.93	24.9	25.7	0
10	QPSK	1	25	24.87	24.89	24.84		
10	QPSK	1	49	24.77	24.82	24.74		
10	QPSK	25	0	23.67	23.79	23.71	24.7	1
10	QPSK	25	12	23.71	23.78	23.72		
10	QPSK	25	25	23.65	23.72	23.69		
10	QPSK	50	0	23.78	23.84	23.79		
10	16QAM	1	0	24.02	24.07	24.01	24.7	1
10	16QAM	1	25	23.89	23.99	23.9		
10	16QAM	1	49	23.93	23.98	23.9		
10	16QAM	25	0	22.78	22.88	22.79	23.7	2
10	16QAM	25	12	22.75	22.83	22.72		
10	16QAM	25	25	22.77	22.79	22.73		
10	16QAM	50	0	22.77	22.84	22.76		
10	64QAM	1	0	23.02	23.09	23	23.7	2
10	64QAM	1	25	22.76	22.79	22.76		
10	64QAM	1	49	22.81	22.83	22.79		
10	64QAM	25	0	21.9	21.96	21.91	22.7	3
10	64QAM	25	12	21.83	21.94	21.9		
10	64QAM	25	25	21.89	21.93	21.85		
10	64QAM	50	0	21.84	21.89	21.85		
10	256QAM	1	0	19.71	19.81	19.76	20.7	5
10	256QAM	1	25	19.67	19.73	19.7		
10	256QAM	1	49	19.67	19.76	19.74		
10	256QAM	25	0	19.69	19.77	19.69	20.7	5
10	256QAM	25	12	19.7	19.76	19.71		
10	256QAM	25	25	19.67	19.75	19.66		
10	256QAM	50	0	19.71	19.79	19.71		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.79	24.85	24.88	25.7	0
5	QPSK	1	12	24.83	24.83	24.79		
5	QPSK	1	24	24.71	24.77	24.7		
5	QPSK	12	0	23.61	23.67	23.65	24.7	1
5	QPSK	12	7	23.67	23.66	23.64		
5	QPSK	12	13	23.64	23.63	23.65		
5	QPSK	25	0	23.67	23.8	23.74		
5	16QAM	1	0	23.94	24.05	23.97	24.7	1
5	16QAM	1	12	23.85	23.95	23.85		
5	16QAM	1	24	23.91	23.98	23.82		
5	16QAM	12	0	22.7	22.78	22.74	23.7	2
5	16QAM	12	7	22.64	22.77	22.64		
5	16QAM	12	13	22.68	22.69	22.64		
5	16QAM	25	0	22.74	22.78	22.69		
5	64QAM	1	0	22.93	23.02	22.95	23.7	2
5	64QAM	1	12	22.75	22.74	22.7		
5	64QAM	1	24	22.73	22.82	22.76		
5	64QAM	12	0	21.84	21.89	21.89	22.7	3
5	64QAM	12	7	21.73	21.87	21.84		
5	64QAM	12	13	21.87	21.86	21.77		
5	64QAM	25	0	21.75	21.85	21.83		
5	256QAM	1	0	19.66	19.8	19.66	20.7	5
5	256QAM	1	12	19.62	19.68	19.66		
5	256QAM	1	24	19.57	19.65	19.66		
5	256QAM	12	0	19.61	19.72	19.58	20.7	5
5	256QAM	12	7	19.62	19.71	19.63		
5	256QAM	12	13	19.61	19.65	19.56		
5	256QAM	25	0	19.66	19.77	19.63		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.81	24.83	24.83	25.7	0
3	QPSK	1	8	24.8	24.82	24.82		
3	QPSK	1	14	24.68	24.72	24.64		
3	QPSK	8	0	23.63	23.68	23.69	24.7	1
3	QPSK	8	4	23.62	23.7	23.62		
3	QPSK	8	7	23.55	23.66	23.67		
3	QPSK	15	0	23.72	23.74	23.72		
3	16QAM	1	0	23.97	24	23.96	24.7	1
3	16QAM	1	8	23.84	23.92	23.85		
3	16QAM	1	14	23.87	23.87	23.87		
3	16QAM	8	0	22.71	22.81	22.72	23.7	2
3	16QAM	8	4	22.65	22.77	22.69		
3	16QAM	8	7	22.69	22.71	22.65		
3	16QAM	15	0	22.71	22.79	22.69		
3	64QAM	1	0	22.94	23.02	22.93	23.7	2
3	64QAM	1	8	22.67	22.76	22.71		
3	64QAM	1	14	22.75	22.76	22.71		
3	64QAM	8	0	21.88	21.87	21.89	22.7	3
3	64QAM	8	4	21.79	21.91	21.84		
3	64QAM	8	7	21.86	21.89	21.82		
3	64QAM	15	0	21.81	21.86	21.8		
3	256QAM	1	0	19.63	19.74	19.66	20.7	5
3	256QAM	1	8	19.58	19.64	19.67		
3	256QAM	1	14	19.59	19.75	19.7		
3	256QAM	8	0	19.58	19.75	19.58	20.7	5
3	256QAM	8	4	19.66	19.67	19.64		
3	256QAM	8	7	19.6	19.71	19.63		
3	256QAM	15	0	19.69	19.73	19.63		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.75	24.8	24.87	25.7	0
1.4	QPSK	1	3	24.79	24.7	24.62		
1.4	QPSK	1	5	24.62	24.8	24.6		
1.4	QPSK	3	0	24.81	24.84	24.8	24.7	1
1.4	QPSK	3	1	24.74	24.74	24.65		
1.4	QPSK	3	3	24.61	24.72	24.62		
1.4	QPSK	6	0	23.7	23.73	23.73		
1.4	16QAM	1	0	23.99	24.02	23.93	24.7	1
1.4	16QAM	1	3	23.84	23.89	23.89		
1.4	16QAM	1	5	23.87	23.96	23.8		
1.4	16QAM	3	0	23.63	23.71	23.71		
1.4	16QAM	3	1	23.62	23.68	23.67		
1.4	16QAM	3	3	23.66	23.7	23.64		
1.4	16QAM	6	0	22.67	22.75	22.69	23.7	2
1.4	64QAM	1	0	22.94	22.98	22.98	23.7	2
1.4	64QAM	1	3	22.74	22.74	22.7		
1.4	64QAM	1	5	22.75	22.79	22.77		
1.4	64QAM	3	0	22.6	22.71	22.66		
1.4	64QAM	3	1	22.58	22.68	22.66		
1.4	64QAM	3	3	22.62	22.65	22.61		
1.4	64QAM	6	0	21.8	21.81	21.82	22.7	3
1.4	256QAM	1	0	19.65	19.74	19.69	20.7	5
1.4	256QAM	1	3	19.59	19.72	19.61		
1.4	256QAM	1	5	19.62	19.72	19.63		
1.4	256QAM	3	0	19.64	19.75	19.66		
1.4	256QAM	3	1	19.69	19.72	19.62		
1.4	256QAM	3	3	19.62	19.67	19.63		
1.4	256QAM	6	0	19.63	19.71	19.64	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.09	23.19	23.04	23.7	0
20	QPSK	1	49	23.03	23.03	23.04		
20	QPSK	1	99	23	23.18	22.99		
20	QPSK	50	0	22.98	23.16	23.02	23.7	0
20	QPSK	50	24	23.08	23.15	23.13		
20	QPSK	50	50	23.08	23.05	23.11		
20	QPSK	100	0	23.07	23.13	23.12		
20	16QAM	1	0	23	23.16	22.97	23.7	0
20	16QAM	1	49	22.93	22.96	22.96		
20	16QAM	1	99	22.95	23.1	22.87		
20	16QAM	50	0	23.02	23.07	22.96	23.7	0
20	16QAM	50	24	22.92	22.96	22.98		
20	16QAM	50	50	22.96	23.15	22.9		
20	16QAM	100	0	22.89	23.12	22.94		
20	64QAM	1	0	22.96	23.09	23.04	23.7	0
20	64QAM	1	49	23.01	23	23.06		
20	64QAM	1	99	23.03	23.05	23.09		
20	64QAM	50	0	22.06	22.21	22.08	22.7	1
20	64QAM	50	24	22.07	22.04	22.05		
20	64QAM	50	50	22.03	22.17	21.96		
20	64QAM	100	0	21.94	22.2	22.03		
20	256QAM	1	0	20.11	20.2	20	20.7	3
20	256QAM	1	49	19.98	20.06	20.06		
20	256QAM	1	99	19.98	20.2	20.02		
20	256QAM	50	0	20.02	20.2	20	20.7	3
20	256QAM	50	24	20.12	20.1	20.11		
20	256QAM	50	50	20.11	20.01	20.15		
20	256QAM	100	0	20.08	20.15	20.11		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.04	23.1	22.92	23.7	0
15	QPSK	1	37	22.97	22.94	22.97		
15	QPSK	1	74	22.89	23.12	22.96		
15	QPSK	36	0	22.94	23.04	22.95	23.7	0
15	QPSK	36	20	23.05	23.08	23.01		
15	QPSK	36	39	22.98	22.93	23.02		
15	QPSK	75	0	23.01	23.07	23.01		
15	16QAM	1	0	22.93	23.04	22.85	23.7	0
15	16QAM	1	37	22.85	22.9	22.86		
15	16QAM	1	74	22.87	23.03	22.83		
15	16QAM	36	0	22.97	23.03	22.91	23.7	0
15	16QAM	36	20	22.82	22.88	22.92		
15	16QAM	36	39	22.92	23.05	22.84		
15	16QAM	75	0	22.77	23	22.83		
15	64QAM	1	0	22.86	22.97	22.95	23.7	0
15	64QAM	1	37	22.95	22.88	23.01		
15	64QAM	1	74	22.99	22.94	23.01		
15	64QAM	36	0	22	22.11	21.94	22.7	1
15	64QAM	36	20	22.01	21.96	21.94		
15	64QAM	36	39	21.98	22.04	21.91		
15	64QAM	75	0	21.82	22.09	21.96		
15	256QAM	1	0	20.05	20.15	19.93	20.7	3
15	256QAM	1	37	19.88	19.94	20.03		
15	256QAM	1	74	19.87	20.07	19.99		
15	256QAM	36	0	19.92	20.11	19.87	20.7	3
15	256QAM	36	20	20.07	20	20.01		
15	256QAM	36	39	20	19.92	20.11		
15	256QAM	75	0	19.98	20.1	20.04		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.97	23.15	22.96	23.7	0
10	QPSK	1	25	23	22.99	22.92		
10	QPSK	1	49	22.88	23.06	22.98		
10	QPSK	25	0	22.92	23.12	22.98	23.7	0
10	QPSK	25	12	22.96	23.07	23.01		
10	QPSK	25	25	22.95	23	23.04		
10	QPSK	50	0	22.95	23.05	23.03		
10	16QAM	1	0	22.91	23.07	22.89	23.7	0
10	16QAM	1	25	22.82	22.91	22.84		
10	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.77	24.83	24.73	25.7	0
10	QPSK	1	25	24.67	24.77	24.74		
10	QPSK	1	49	24.69	24.8	24.75		
10	QPSK	25	0	23.98	24.05	23.92	24.7	1
10	QPSK	25	12	23.91	24.03	23.88		
10	QPSK	25	25	23.88	23.92	23.89		
10	QPSK	50	0	23.87	23.96	23.95		
10	16QAM	1	0	24.07	24.14	24.13	24.7	1
10	16QAM	1	25	23.87	23.93	23.89		
10	16QAM	1	49	23.92	23.99	23.93		
10	16QAM	25	0	23	23.03	22.98	23.7	2
10	16QAM	25	12	22.96	23	22.93		
10	16QAM	25	25	22.96	23.01	22.99		
10	16QAM	50	0	22.87	22.91	22.82		
10	64QAM	1	0	23.05	23.11	23.07	23.7	2
10	64QAM	1	25	22.93	22.98	22.87		
10	64QAM	1	49	22.9	22.96	22.87		
10	64QAM	25	0	21.91	21.98	21.87	22.7	3
10	64QAM	25	12	21.82	21.89	21.78		
10	64QAM	25	25	21.89	21.93	21.82		
10	64QAM	50	0	21.95	22.02	21.93		
10	256QAM	1	0	19.93	20.01	19.92	20.7	5
10	256QAM	1	25	19.88	19.92	19.88		
10	256QAM	1	49	19.93	19.98	19.87		
10	256QAM	25	0	20.01	20.02	19.97	20.7	5
10	256QAM	25	12	19.88	19.97	19.9		
10	256QAM	25	25	19.91	19.92	19.84		
10	256QAM	50	0	20	20.04	19.95		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.72	24.77	24.62	25.7	0
5	QPSK	1	12	24.63	24.75	24.73		
5	QPSK	1	24	24.6	24.73	24.65		
5	QPSK	12	0	23.98	23.94	23.9	24.7	1
5	QPSK	12	7	23.86	23.89	23.86		
5	QPSK	12	13	23.82	23.82	23.86		
5	QPSK	25	0	23.83	23.95	23.87		
5	16QAM	1	0	23.98	24.1	24.04	24.7	1
5	16QAM	1	12	23.85	23.88	23.85		
5	16QAM	1	24	23.86	23.93	23.9		
5	16QAM	12	0	22.95	22.98	22.91	23.7	2
5	16QAM	12	7	22.91	22.97	22.86		
5	16QAM	12	13	22.87	22.98	22.88		
5	16QAM	25	0	22.84	22.87	22.76		
5	64QAM	1	0	22.98	23.05	23.03	23.7	2
5	64QAM	1	12	22.9	22.9	22.85		
5	64QAM	1	24	22.8	22.95	22.85		
5	64QAM	12	0	21.89	21.93	21.77	22.7	3
5	64QAM	12	7	21.8	21.88	21.72		
5	64QAM	12	13	21.81	21.92	21.8		
5	64QAM	25	0	21.89	21.93	21.85		
5	256QAM	1	0	19.87	19.91	19.85	20.7	5
5	256QAM	1	12	19.85	19.84	19.85		
5	256QAM	1	24	19.91	19.96	19.84		
5	256QAM	12	0	19.95	19.96	19.91	20.7	5
5	256QAM	12	7	19.84	19.88	19.83		
5	256QAM	12	13	19.9	19.87	19.82		
5	256QAM	25	0	19.9	19.97	19.9		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.72	24.79	24.69	25.7	0
3	QPSK	1	8	24.58	24.73	24.72		
3	QPSK	1	14	24.68	24.76	24.73		
3	QPSK	8	0	23.9	23.9	23.88	24.7	1
3	QPSK	8	4	23.83	23.95	23.78		
3	QPSK	8	7	23.83	23.83	23.8		
3	QPSK	15	0	23.79	23.88	23.9		
3	16QAM	1	0	24.02	24.1	24.04	24.7	1
3	16QAM	1	8	23.86	23.85	23.82		
3	16QAM	1	14	23.86	23.91	23.9		
3	16QAM	8	0	22.98	22.96	22.95	23.7	2
3	16QAM	8	4	22.89	22.97	22.83		
3	16QAM	8	7	22.88	22.96	22.9		
3	16QAM	15	0	22.82	22.9	22.81		
3	64QAM	1	0	23.03	23.02	23.01	23.7	2
3	64QAM	1	8	22.82	22.9	22.82		
3	64QAM	1	14	22.86	22.87	22.84		
3	64QAM	8	0	21.82	21.93	21.76	22.7	3
3	64QAM	8	4	21.8	21.8	21.76		
3	64QAM	8	7	21.87	21.83	21.76		
3	64QAM	15	0	21.85	21.99	21.92		
3	256QAM	1	0	19.91	19.93	19.85	20.7	5
3	256QAM	1	8	19.81	19.86	19.77		
3	256QAM	1	14	19.82	19.96	19.81		
3	256QAM	8	0	19.95	20	19.93	20.7	5
3	256QAM	8	4	19.76	19.95	19.86		
3	256QAM	8	7	19.83	19.84	19.82		
3	256QAM	15	0	19.98	19.93	19.85		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.72	24.73	24.69	25.7	0
1.4	QPSK	1	3	24.6	24.67	24.72		
1.4	QPSK	1	5	24.67	24.7	24.68		
1.4	QPSK	3	0	24.62	24.71	24.68		
1.4	QPSK	3	1	24.51	24.6	24.67		
1.4	QPSK	3	3	24.66	24.68	24.62		
1.4	QPSK	6	0	23.6	23.99	23.88	24.7	1
1.4	16QAM	1	0	24.05	24.12	24.11	24.7	1
1.4	16QAM	1	3	23.81	23.87	23.87		
1.4	16QAM	1	5	23.81	23.94	23.9		
1.4	16QAM	3	0	23.76	23.85	23.77		
1.4	16QAM	3	1	23.72	23.82	23.83		
1.4	16QAM	3	3	23.73	23.87	23.8		
1.4	16QAM	6	0	22.83	22.86	22.74	23.7	2
1.4	64QAM	1	0	22.97	23.01	23	23.7	2
1.4	64QAM	1	3	22.92	22.94	22.77		
1.4	64QAM	1	5	22.88	22.89	22.82		
1.4	64QAM	3	0	22.78	22.8	22.67		
1.4	64QAM	3	1	22.8	22.84	22.72		
1.4	64QAM	3	3	22.73	22.76	22.66		
1.4	64QAM	6	0	21.85	22	21.9	22.7	3
1.4	256QAM	1	0	19.91	19.97	19.81	20.7	5
1.4	256QAM	1	3	19.87	19.86	19.85		
1.4	256QAM	1	5	19.87	19.91	19.81		
1.4	256QAM	3	0	19.99	19.95	19.94		
1.4	256QAM	3	1	19.84	19.91	19.84		
1.4	256QAM	3	3	19.84	19.89	19.76		
1.4	256QAM	6	0	19.91	19.98	19.9	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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.71	24.77	24.69	25.7	0
10	QPSK	1	25	24.73	24.75	24.71		
10	QPSK	1	49	24.68	24.73	24.68		
10	QPSK	25	0	23.66	23.76	23.69	24.7	1
10	QPSK	25	12	23.56	23.75	23.53		
10	QPSK	25	25	23.55	23.63	23.58		
10	QPSK	50	0	23.65	23.71	23.59		
10	16QAM	1	0	23.46	23.56	23.49	24.7	1
10	16QAM	1	25	23.6	23.62	23.58		
10	16QAM	1	49	23.6	23.69	23.62		
10	16QAM	25	0	22.86	22.96	22.93	23.7	2
10	16QAM	25	12	22.88	22.89	22.81		
10	16QAM	25	25	22.83	22.91	22.82		
10	16QAM	50	0	22.82	22.87	22.78		
10	64QAM	1	0	22.96	23.03	22.98	23.7	2
10	64QAM	1	25	22.9	22.91	22.88		
10	64QAM	1	49	22.79	22.89	22.83		
10	64QAM	25	0	21.79	21.85	21.8	22.7	3
10	64QAM	25	12	21.76	21.81	21.77		
10	64QAM	25	25	21.73	21.8	21.77		
10	64QAM	50	0	21.74	21.8	21.74		
10	256QAM	1	0	19.87	19.95	19.84	20.7	5
10	256QAM	1	25	19.82	19.88	19.86		
10	256QAM	1	49	19.81	19.91	19.81		
10	256QAM	25	0	19.66	19.75	19.64	20.7	5
10	256QAM	25	12	19.87	19.9	19.86		
10	256QAM	25	25	19.8	19.89	19.83		
10	256QAM	50	0	19.82	19.85	19.77		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.6	24.67	24.64	25.7	0
5	QPSK	1	12	24.69	24.7	24.61		
5	QPSK	1	24	24.65	24.64	24.6		
5	QPSK	12	0	23.59	23.83	23.63	24.7	1
5	QPSK	12	7	23.53	23.55	23.52		
5	QPSK	12	13	23.5	23.58	23.5		
5	QPSK	25	0	23.8	23.79	23.74		
5	16QAM	1	0	23.36	23.5	23.4	24.7	1
5	16QAM	1	12	23.56	23.57	23.52		
5	16QAM	1	24	23.59	23.62	23.59		
5	16QAM	12	0	22.79	22.91	22.84	23.7	2
5	16QAM	12	7	22.82	22.84	22.7		
5	16QAM	12	13	22.73	22.83	22.76		
5	16QAM	25	0	22.8	22.85	22.69		
5	64QAM	1	0	22.87	22.92	22.88	23.7	2
5	64QAM	1	12	22.82	22.83	22.81		
5	64QAM	1	24	22.73	22.8	22.74		
5	64QAM	12	0	21.71	21.81	21.72	22.7	3
5	64QAM	12	7	21.7	21.71	21.68		
5	64QAM	12	13	21.69	21.71	21.71		
5	64QAM	25	0	21.72	21.78	21.65		
5	256QAM	1	0	19.79	19.91	19.79	20.7	5
5	256QAM	1	12	19.76	19.79	19.77		
5	256QAM	1	24	19.75	19.84	19.72		
5	256QAM	12	0	19.6	19.67	19.55	20.7	5
5	256QAM	12	7	19.83	19.84	19.79		
5	256QAM	12	13	19.76	19.78	19.76		
5	256QAM	25	0	19.71	19.79	19.74		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.66	24.84	24.73	25.7	0
15	QPSK	1	37	24.73	24.8	24.79		
15	QPSK	1	74	24.66	24.76	24.74		
15	QPSK	36	0	23.84	23.91	23.83	24.7	1
15	QPSK	36	20	23.71	23.89	23.72		
15	QPSK	36	39	23.72	23.78	23.73		
15	QPSK	75	0	23.75	23.78	23.72		
15	16QAM	1	0	23.78	23.84	23.76	24.7	1
15	16QAM	1	37	23.8	23.83	23.79		
15	16QAM	1	74	23.65	23.73	23.62		
15	16QAM	36	0	22.81	22.9	22.8	23.7	2
15	16QAM	36	20	22.86	22.88	22.79		
15	16QAM	36	39	22.72	22.79	22.72		
15	16QAM	75	0	22.73	22.77	22.68		
15	64QAM	1	0	22.9	22.97	22.94	23.7	2
15	64QAM	1	37	22.73	22.82	22.71		
15	64QAM	1	74	22.81	22.82	22.77		
15	64QAM	36	0	21.82	21.84	21.79	22.7	3
15	64QAM	36	20	21.68	21.76	21.69		
15	64QAM	36	39	21.79	21.82	21.73		
15	64QAM	75	0	21.75	21.76	21.72		
15	256QAM	1	0	20.15	20.21	20.14	20.7	5
15	256QAM	1	37	20.13	20.15	20.11		
15	256QAM	1	74	20.12	20.19	20.17		
15	256QAM	36	0	19.77	19.81	19.77	20.7	5
15	256QAM	36	20	19.67	19.77	19.72		
15	256QAM	36	39	19.72	19.79	19.74		
15	256QAM	75	0	19.71	19.73	19.64		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.62	24.8	24.69	25.7	0
10	QPSK	1	25	24.64	24.75	24.71		
10	QPSK	1	49	24.58	24.66	24.68		
10	QPSK	25	0	23.82	23.83	23.81	24.7	1
10	QPSK	25	12	23.69	23.78	23.71		
10	QPSK	25	25	23.64	23.68	23.62		
10	QPSK	50	0	23.74	23.7	23.67		
10	16QAM	1	0	23.72	23.76	23.68	24.7	1
10	16QAM	1	25	23.7	23.75	23.73		
10	16QAM	1	49	23.56	23.64	23.59		
10	16QAM	25	0	22.71	22.81	22.73	23.7	2
10	16QAM	25	12	22.84	22.83	22.72		
10	16QAM	25	25	22.67	22.71	22.68		
10	16QAM	50	0	22.7	22.73	22.57		
10	64QAM	1	0	22.87	22.86	22.92	23.7	2
10	64QAM	1	25	22.7	22.76	22.68		
10	64QAM	1	49	22.7	22.78	22.67		
10	64QAM	25	0	21.76	21.83	21.68	22.7	3
10	64QAM	25	12	21.67	21.71	21.67		
10	64QAM	25	25	21.77	21.78	21.67		
10	64QAM	50	0	21.73	21.7	21.65		
10	256QAM	1	0	20.12	20.17	20.05	20.7	5
10	256QAM	1	25	20.02	20.05	20.03		
10	256QAM	1	49	20.09	20.15	20.16		
10	256QAM	25	0	19.69	19.75	19.74	20.7	5
10	256QAM	25	12	19.64	19.72	19.7		
10	256QAM	25	25	19.69	19.71	19.68		
10	256QAM	50	0	19.66	19.63	19.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.58	24.8	24.66	25.7	0
5	QPSK	1	12	24.7	24.77	24.77		
5	QPSK	1	24	24.62	24.74	24.65		
5	QPSK	12	0	23.75	23.84	23.79	24.7	1
5	QPSK	12	7	23.64	23.76	23.66		
5	QPSK	12	13	23.66	23.7	23.62		
5	QPSK	25	0	23.71	23.74	23.69		
5	16QAM	1	0	23.69	23.74	23.66	24.7	1
5	16QAM	1	12	23.73	23.77	23.76		
5	16QAM	1	24	23.58	23.68	23.54		
5	16QAM	12	0	22.76	22.81	22.76	23.7	2
5	16QAM	12	7	22.84	22.79	22.77		
5	16QAM	12	13	22.65	22.76	22.69		
5	16QAM	25	0	22.64	22.76	22.62		
5	64QAM	1	0	22.86	22.88	22.86	23.7	2
5	64QAM	1	12	22.64	22.75	22.61		
5	64QAM	1	24	22.79	22.81	22.71		
5	64QAM	12	0	21.72	21.8	21.77	22.7	3
5	64QAM	12	7	21.61	21.67	21.66		
5	64QAM	12	13	21.73	21.74	21.69		
5	64QAM	25	0	21.67	21.74	21.67		
5	256QAM	1	0	20.11	20.16	20.13	20.7	5
5	256QAM	1	12	20.11	20.11	20.09		
5	256QAM	1	24	20.11	20.14	20.14		
5	256QAM	12	0	19.74	19.71	19.7	20.7	5
5	256QAM	12	7	19.61	19.72	19.63		
5	256QAM	12	13	19.61	19.74	19.71		
5	256QAM	25	0	19.7	19.69	19.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.59	24.75	24.7	25.7	0
3	QPSK	1	8	24.68	24.78	24.69		
3	QPSK	1	14	24.6	24.67	24.67		
3	QPSK	8	0	23.78	23.84	23.79	24.7	1
3	QPSK	8	4	23.62	23.81	23.7		
3	QPSK	8	7	23.63	23.71	23.64		
3	QPSK	15	0	23.74	23.72	23.65		
3	16QAM	1	0	23.74	23.76	23.69	24.7	1
3	16QAM	1	8	23.74	23.72	23.69		
3	16QAM	1	14	23.59	23.71	23.59		
3	16QAM	8	0	22.78	22.8	22.7	23.7	2
3	16QAM	8	4	22.85	22.8	22.75		
3	16QAM	8	7	22.62	22.71	22.64		
3	16QAM	15	0	22.71	22.67	22.62		
3	64QAM	1	0	22.81	22.94	22.89	23.7	2
3	64QAM	1	8	22.71	22.81	22.67		
3	64QAM	1	14	22.72	22.76	22.7		
3	64QAM	8	0	21.75	21.78	21.71	22.7	3
3	64QAM	8	4	21.59	21.71	21.62		
3	64QAM	8	7	21.75	21.71	21.65		
3	64QAM	15	0	21.66	21.67	21.63		
3	256QAM	1	0	20.13	20.18	20.13	20.7	5
3	256QAM	1	8	20.07	20.08	20.04		
3	256QAM	1	14	20.07	20.14	20.09		
3	256QAM	8	0	19.68	19.73	19.67	20.7	5
3	256QAM	8	4	19.66	19.74	19.62		
3	256QAM	8	7	19.67	19.72	19.7		
3	256QAM	15	0	19.67	19.65	19.61		
Channel				26657	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.56	24.81	24.65	25.7	0
1.4	QPSK	1	3	24.69	24.7	24.69		
1.4	QPSK	1	5	24.63	24.67	24.72		
1.4	QPSK	3	0	24.49	24.71	24.58		
1.4	QPSK	3	1	24.62	24.65	24.58		
1.4	QPSK	3	3	24.61	24.64	24.69		
1.4	QPSK	6	0	23.72	23.69	23.63	24.7	1
1.4	16QAM	1	0	23.72	23.79	23.66	24.7	1
1.4	16QAM	1	3	23.77	23.75	23.69		
1.4	16QAM	1	5	23.61	23.63	23.52		
1.4	16QAM	3	0	23.62	23.67	23.57		
1.4	16QAM	3	1	23.67	23.65	23.58		
1.4	16QAM	3	3	23.67	23.58	23.54		
1.4	16QAM	6	0	22.72	22.67	22.67	23.7	2
1.4	64QAM	1	0	22.8	22.89	22.86	23.7	2
1.4	64QAM	1	3	22.64	22.77	22.63		
1.4	64QAM	1	5	22.78	22.79	22.69		
1.4	64QAM	3	0	22.66	22.59	22.64		
1.4	64QAM	3	1	22.75	22.83	22.78		
1.4	64QAM	3	3	22.61	22.74	22.55		
1.4	64QAM	6	0	21.64	21.69	21.65	22.7	3
1.4	256QAM	1	0	20.08	20.17	20.11	20.7	5
1.4	256QAM	1	3	20.04	20.06	20		
1.4	256QAM	1	5	20.02	20.17	20.14		
1.4	256QAM	3	0	19.7	19.74	19.69		
1.4	256QAM	3	1	19.58	19.67	19.62		
1.4	256QAM	3	3	19.67	19.73	19.68		
1.4	256QAM	6	0	19.61	19.69	19.59	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.81	19.11	18.84		
20	QPSK	1	49	18.87	19.08	18.91	20.5	0
20	QPSK	1	99	18.84	19	18.95		
20	QPSK	50	0	18.82	19.05	18.89		
20	QPSK	50	24	18.89	18.99	18.79	20.5	0
20	QPSK	50	50	18.89	18.84	18.87		
20	QPSK	100	0	18.87	19.01	18.87		
20	16QAM	1	0	18.71	19.06	18.75		
20	16QAM	1	49	18.76	18.99	18.79	20.5	0
20	16QAM	1	99	18.74	18.97	18.89		
20	16QAM	50	0	18.75	18.99	18.82		
20	16QAM	50	24	18.78	18.92	18.71	20.5	0
20	16QAM	50	50	18.86	18.78	18.8		
20	16QAM	100	0	18.83	18.95	18.76		
20	64QAM	1	0	18.73	19.07	18.76		
20	64QAM	1	49	18.74	19	18.82	20.5	0
20	64QAM	1	99	18.75	18.95	18.83		
20	64QAM	50	0	18.76	18.92	18.78		
20	64QAM	50	24	18.85	18.91	18.73	20.5	0
20	64QAM	50	50	18.78	18.77	18.79		
20	64QAM	100	0	18.8	18.98	18.79		
20	256QAM	1	0	17.29	17.84	17.36		
20	256QAM	1	49	17.41	17.54	17.43	19	1.5
20	256QAM	1	99	17.34	17.53	17.45		
20	256QAM	50	0	17.28	17.57	17.36		
20	256QAM	50	24	17.43	17.5	17.24	19	1.5
20	256QAM	50	50	17.37	17.3	17.41		
20	256QAM	100	0	17.37	17.55	17.41		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.71	19.08	18.8		
15	QPSK	1	37	18.8	19	18.78	20.5	0
15	QPSK	1	74	18.75	18.9	18.85		
15	QPSK	36	0	18.7	19.02	18.78		
15	QPSK	36	20	18.83	18.89	18.68	20.5	0
15	QPSK	36	39	18.86	18.72	18.76		
15	QPSK	75	0	18.81	18.89	18.8		
15	16QAM	1	0	18.68	19	18.63		
15	16QAM	1	37	18.7	18.95	18.67	20.5	0
15	16QAM	1	74	18.69	18.87	18.83		
15	16QAM	36	0	18.69	18.96	18.73		
15	16QAM	36	20	18.73	18.86	18.62	20.5	0
15	16QAM	36	39	18.82	18.72	18.74		
15	16QAM	75	0	18.74	18.91	18.73		
15	64QAM	1	0	18.67	18.97	18.65		
15	64QAM	1	37	18.66	18.96	18.71	20.5	0
15	64QAM	1	74	18.68	18.88	18.78		
15	64QAM	36	0	18.69	18.82	18.66		
15	64QAM	36	20	18.77	18.79	18.61	20.5	0
15	64QAM	36	39	18.7	18.67	18.69		
15	64QAM	75	0	18.7	18.93	18.69		
15	256QAM	1	0	17.2	17.57	17.32		
15	256QAM	1	37	17.34	17.47	17.4	19	1.5
15	256QAM	1	74	17.26	17.46	17.33		
15	256QAM	36	0	17.18	17.45	17.26		
15	256QAM	36	20	17.31	17.42	17.14	19	1.5
15	256QAM	36	39	17.3	17.25	17.32		
15	256QAM	75	0	17.31	17.5	17.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.72	19.02	18.73		
10	QPSK	1	25	18.82	19.03	18.78	20.5	0
10	QPSK	1	49	18.74	18.93	18.89		
10	QPSK	25	0	18.76	18.95	18.79		
10	QPSK	25	12	18.79	18.87	18.73	20.5	0
10	QPSK	25	25	18.81	18.76	18.84		
10	QPSK	50	0	18.77	18.91	18.76		
10	16QAM	1	0	18.58	19.03	18.64		
10	16QAM	1	25	18.71	18.89	18.71	20.5	0
10	16QAM	1	49	18.67	18.91	18.78		
10	16QAM	25	0	18.71	18.94	18.76		
10	16QAM	25	12	18.66	18.82	18.58	20.5	0
10	16QAM	25	25	18.73	18.75	18.75		
10	16QAM	50	0	18.78	18.83	18.68		
10	64QAM	1	0	18.65	19.02	18.63		
10	64QAM	1	25	18.69	18.88	18.73	20.5	0
10	64QAM	1	49	18.65	18.88	18.73		
10	64QAM	25	0	18.65	18.86	18.69		
10	64QAM	25	12	18.82	18.78	18.65	20.5	0
10	64QAM	25	25	18.69	18.7	18.69		
10	64QAM	50	0	18.77	18.91	18.66		
10	256QAM	1	0	17.22	17.59	17.32		
10	256QAM	1	25	17.32	17.43	17.38	19	1.5
10	256QAM	1	49	17.25	17.41	17.33		
10	256QAM	25	0	17.2	17.52	17.3		
10	256QAM	25	12	17.38	17.4	17.15	19	1.5
10	256QAM	25	25	17.32	17.25	17.33		
10	256QAM	50	0	17.32	17.49	17.3		
Channel				131972	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.74	19.07	18.8		
5	QPSK	1	12	18.75	18.95	18.8	20.5	0
5	QPSK	1	24	18.79	18.93	18.87		
5	QPSK	12	0	18.79	18.95	18.81		
5	QPSK	12	7	18.81	18.93	18.67	20.5	0
5	QPSK	12	13	18.78	18.8	18.8		
5	QPSK	25	0	18.78	18.88	18.84		
5	16QAM	1	0	18.61	19	18.68		
5	16QAM	1	12	18.65	18.87	18.7	20.5	0
5	16QAM	1	24	18.7	18.88	18.64		
5	16QAM	12	0	18.65	18.93	18.7		
5	16QAM	12	7	18.68	18.79	18.67	20.5	0
5	16QAM	12	13	18.75	18.74	18.72		
5	16QAM	25	0	18.75	18.88	18.64		
5	64QAM	1	0	18.64	18.95	18.66		
5	64QAM	1	12	18.69	18.95	18.76	20.5	0
5	64QAM	1	24	18.71	18.85	18.79		
5	64QAM	12	0	18.65	18.8	18.71		
5	64QAM	12	7	18.75	18.88	18.6	20.5	0
5	64QAM	12	13	18.74	18.73	18.73		
5	64QAM	25	0	18.71	18.92	18.75		
5	256QAM	1	0	17.18	17.51	17.28		
5	256QAM	1	12	17.29	17.51	17.31	19	1.5
5	256QAM	1	24	17.24	17.49	17.34		
5	256QAM	12	0	17.21	17.47	17.28		
5	256QAM	12	7	17.32	17.45	17.2	19	1.5
5	256QAM	12	13	17.33	17.26	17.34		
5	256QAM	25	0	17.3	17.48	17.38		
Channel				131667	132322	132977	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.75	19.05	18.78		
3	QPSK	1	8	18.76	18.94	18.8	20.5	0
3	QPSK	1	14	18.75	18.91	18.83		
3	QPSK	8	0	18.72	18.93	18.85		
3	QPSK	8	4	18.76	18.91	18.74	20.5	0
3	QPSK	8	7	18.84	18.77	18.74		
3	QPSK	15	0	18.75	18.97	18.83		
3	16QAM	1	0	18.62	18.97	18.64		
3	16QAM	1	8	18.69	18.87	18.68	20.5	0
3	16QAM	1	14	18.64	18.93	18.8		
3	16QAM	8	0	18.62	18.94	18.71		
3	16QAM	8	4	18.69	18.81	18.66	20.5	0
3	16QAM	8	7	18.76	18.68	18.75		
3	16QAM	15	0	18.7	18.89	18.65		
3	64QAM	1	0	18.64	18.99	18.69		
3	64QAM	1	8	18.62	18.96	18.78	20.5	0
3	64QAM	1	14	18.68	18.88	18.73		
3	64QAM	8	0	18.64	18.83	18.71		
3	64QAM	8	4	18.74	18.82	18.61	20.5	0
3	64QAM	8	7	18.75	18.85	18.72		
3	64QAM	15	0	18.76	18.89	18.76		
3	256QAM	1	0	17.18	17.6	17.32		
3	256QAM	1	8	17.3	17.41	17.33	19	1.5
3	256QAM	1	14	17.21	17.44	17.36		
3	256QAM	8	0	17.17	17.47	17.29		
3	256QAM	8	4	17.31	17.4	17.16	19	1.5
3	256QAM	8	7	17.32	17.19	17.35		
3	256QAM	15	0	17.28	17.42	17.37		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.71	19	18.8		
1.4	QPSK	1	3	18.8	19.02	18.81		
1.4	QPSK	1	5	18.76	18.95	18.91	20.5	0
1.4	QPSK	3	0	18.79	18.94	18.78		
1.4	QPSK	3	1	18.77	18.91	18.74		
1.4	QPSK	3	3	18.82	18.76	18.82		
1.4	QPSK	6	0	18.78	18.92	18.77	20.5	0
1.4	16QAM	1	0	18.6	19.01	18.72		
1.4	16QAM	1	3	18.72	18.9	18.69		
1.4	16QAM	1	5	18.71	18.87	18.77	20.5	0
1.4	16QAM	3	0	18.68	18.91	18.76		
1.4	16QAM	3	1	18.74	18.86	18.66		
1.4	16QAM	3	3	18.83	18.68	18.71		
1.4	16QAM	6	0	18.77	18.89	18.71	20.5	0
1.4	64QAM	1	0	18.63	18.97	18.68		
1.4	64QAM	1	3	18.64	18.9	18.71		
1.4	64QAM	1	5	18.7	18.87	18.78	20.5	0
1.4	64QAM	3	0	18.65	18.79	18.68		
1.4	64QAM	3	1	18.81	18.86	18.69		
1.4	64QAM	3	3	18.71	18.66	18.73		
1.4	64QAM	6	0	18.71	18.95	18.73	20.5	0
1.4	256QAM	1	0	17.18	17.55	17.28		
1.4	256QAM	3	3	17.32	17.49	17.37		
1.4	256QAM	1	5	17.22	17.41	17.32	19	1.5
1.4	256QAM	3	0	17.16	17.51	17.32		
1.4	256QAM	3	1	17.37	17.42	17.17		
1.4	256QAM	3	3	17.31	17.26	17.35		
1.4	256QAM	6	0	17.32	17.51	17.35	19	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				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	25.26	25.27	25.18	25.7	0
20	QPSK	1	49	25.15	25.16	25.13		
20	QPSK	1	99	25.11	25.17	25.09		
20	QPSK	50	0	24.38	24.40	24.40	24.7	1
20	QPSK	50	24	24.35	24.48	24.35		
20	QPSK	50	50	24.28	24.35	24.25		
20	QPSK	100	0	24.28	24.37	24.28		
20	16QAM	1	0	24.38	24.41	24.39		
20	16QAM	1	49	24.31	24.41	24.31	24.7	1
20	16QAM	1	99	24.29	24.38	24.32		
20	16QAM	50	0	23.21	23.30	23.24		
20	16QAM	50	24	23.23	23.31	23.24	23.7	2
20	16QAM	50	50	23.19	23.29	23.21		
20	16QAM	100	0	23.27	23.32	23.27		
20	64QAM	1	0	23.38	23.39	23.32		
20	64QAM	1	49	23.28	23.37	23.33	23.7	2
20	64QAM	1	99	23.31	23.38	23.36		
20	64QAM	50	0	22.24	22.26	22.20		
20	64QAM	50	24	22.26	22.28	22.20	22.7	3
20	64QAM	50	50	22.22	22.25	22.22		
20	64QAM	100	0	22.32	22.34	22.30		
20	256QAM	1	0	20.00	20.08	20.00		
20	256QAM	1	49	20.06	20.15	20.07	20.7	5
20	256QAM	1	99	19.95	20.05	19.95		
20	256QAM	50	0	20.10	20.13	20.10		
20	256QAM	50	24	19.98	20.04	19.94	20.7	5
20	256QAM	50	50	20.04	20.08	20.01		
20	256QAM	100	0	19.98	20.06	19.96		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.17	25.17	25.16	25.7	0
15	QPSK	1	37	25.05	25.06	25.02		
15	QPSK	1	74	25.03	25.15	24.99		
15	QPSK	36	0	24.27	24.40	24.29		
15	QPSK	36	20	24.33	24.30	24.33	24.7	1
15	QPSK	36	39	24.23	24.25	24.21		
15	QPSK	75	0	24.19	24.29	24.23		
15	16QAM	1	0	24.27	24.38	24.30		
15	16QAM	1	37	24.28	24.33	24.29	24.7	1
15	16QAM	1	74	24.20	24.34	24.25		
15	16QAM	36	0	23.10	23.23	23.15		
15	16QAM	36	20	23.16	23.29	23.21		
15	16QAM	36	39	23.12	23.27	23.16	23.7	2
15	16QAM	75	0	23.18	23.28	23.17		
15	64QAM	1	0	23.33	23.38	23.25		
15	64QAM	1	37	23.21	23.34	23.27	23.7	2
15	64QAM	1	74	23.23	23.33	23.29		
15	64QAM	36	0	22.14	22.20	22.18		
15	64QAM	36	20	22.21	22.18	22.10	22.7	3
15	64QAM	36	39	22.19	22.15	22.17		
15	64QAM	75	0	22.22	22.29	22.25		
15	256QAM	1	0	19.91	20.01	19.93		
15	256QAM	1	37	20.00	20.05	20.04	20.7	5
15	256QAM	1	74	19.90	19.95	19.94		
15	256QAM	36	0	20.04	20.10	20.03		
15	256QAM	36	20	19.89	20.01	19.92	20.7	5
15	256QAM	36	39	19.95	20.00	19.99		
15	256QAM	75	0	19.92	19.96	19.95		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.18	25.23	25.07	25.7	0
10	QPSK	1	25	25.08	25.14	25.05		
10	QPSK	1	49	25.08	25.13	25.06		
10	QPSK	25	0	24.29	24.36	24.31		
10	QPSK	25	12	24.32	24.28	24.31	24.7	1
10	QPSK	25	25	24.19	24.33	24.21		
10	QPSK	50	0	24.19	24.29	24.25		
10	16QAM	1	0	24.33	24.35	24.35		
10	16QAM	1	25	24.23	24.33	24.28	24.7	1
10	16QAM	1	49	24.24	24.32	24.23		
10	16QAM	25	0	23.15	23.24	23.16		
10	16QAM	25	12	23.18	23.30	23.15	23.7	2
10	16QAM	25	25	23.17	23.27	23.13		
10	16QAM	50	0	23.23	23.26	23.25		
10	64QAM	1	0	23.32	23.35	23.28		
10	64QAM	1	25	23.18	23.33	23.25	23.7	2
10	64QAM	1	49	23.29	23.31	23.34		
10	64QAM	25	0	22.22	22.22	22.12		
10	64QAM	25	12	22.21	22.25	22.17	22.7	3
10	64QAM	25	25	22.18	22.21	22.21		
10	64QAM	50	0	22.31	22.30	22.21		
10	256QAM	1	0	19.95	20.01	19.99		
10	256QAM	1	25	20.05	20.14	20.03	20.7	5
10	256QAM	1	49	19.90	19.99	19.90		
10	256QAM	25	0	20.06	20.07	20.04		
10	256QAM	25	12	19.89	20.02	19.91	20.7	5
10	256QAM	25	25	19.96	20.02	19.93		
10	256QAM	50	0	19.90	19.97	19.89		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	25.23	25.18	25.17	25.7	0
5	QPSK	1	12	25.10	25.15	25.04		
5	QPSK	1	24	25.10	25.09	24.98		
5	QPSK	12	0	24.31	24.36	24.33		
5	QPSK	12	7	24.30	24.34	24.26	24.7	1
5	QPSK	12	13	24.25	24.30	24.19		
5	QPSK	25	0	24.22	24.28	24.26		
5	16QAM	1	0	24.28	24.35	24.36		
5	16QAM	1	12	24.28	24.32	24.22	24.7	1
5	16QAM	1	24	24.22	24.32	24.26		
5	16QAM	12	0	23.12	23.27	23.21		
5	16QAM	12	7	23.17	23.25	23.21	23.7	2
5	16QAM	12	13	23.17	23.20	23.16		
5	16QAM	25	0	23.19	23.29	23.23		
5	64QAM	1	0	23.34	23.33	23.31		
5	64QAM	1	12	23.23	23.27	23.26	23.7	2
5	64QAM	1	24	23.26	23.27	23.27		
5	64QAM	12	0	22.15	22.24	22.12		
5	64QAM	12	7	22.19	22.24	22.12	22.7	3
5	64QAM	12	13	22.12	22.23	22.20		
5	64QAM	25	0	22.25	22.29	22.21		
5	256QAM	1	0	19.91	20.05	19.94		
5	256QAM	1	12	20.01	20.10	20.03	20.7	5
5	256QAM	1	24	19.94	20.04	19.90		
5	256QAM	12	0	20.00	20.11	20.07		
5	256QAM	12	7	19.94	20.02	19.91	20.7	5
5	256QAM	12	13	19.96	19.99	19.91		
5	256QAM	25	0	19.91	19.96	19.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.26	25.18	25.34	25.31	25.29	25.7	0
20	QPSK	1	49	25.22	25.18	25.28	25.22	25.20		
20	QPSK	1	99	25.23	25.25	25.29	25.22	25.19		
20	QPSK	50	0	24.30	24.27	24.39	24.26	24.24	24.7	1
20	QPSK	50	24	24.14	24.19	24.35	24.22	24.14		
20	QPSK	50	50	24.20	24.20	24.24	24.16	24.19		
20	QPSK	100	0	24.18	24.12	24.22	24.14	24.17		
20	16QAM	1	0	24.12	24.10	24.15	24.06	24.06		
20	16QAM	1	49	24.23	24.25	24.29	24.20	24.19	24.7	1
20	16QAM	1	99	24.14	24.11	24.22	24.19	24.12		
20	16QAM	50	0	23.22	23.30	23.32	23.21	23.30	23.7	2
20	16QAM	50	24	23.23	23.15	23.25	23.24	23.18		
20	16QAM	50	50	23.23	23.23	23.25	23.19	23.14		
20	16QAM	100	0	23.27	23.21	23.31	23.27	23.22		
20	64QAM	1	0	23.31	23.27	23.35	23.25	23.32	23.7	2
20	64QAM	1	49	23.19	23.14	23.24	23.17	23.19		
20	64QAM	1	99	23.21	23.17	23.25	23.22	23.14		
20	64QAM	50	0	22.24	22.25	22.33	22.28	22.27	22.7	3
20	64QAM	50	24	22.25	22.19	22.28	22.23	22.22		
20	64QAM	50	50	22.22	22.19	22.30	22.23	22.26		
20	64QAM	100	0	22.29	22.30	22.31	22.30	22.24		
20	256QAM	1	0	20.08	20.18	20.19	20.13	20.16	20.7	5
20	256QAM	1	49	20.02	20.06	20.08	20.07	20.01		
20	256QAM	1	99	20.08	20.08	20.12	20.02	20.08		
20	256QAM	50	0	20.03	20.07	20.12	20.02	20.06		
20	256QAM	50	24	20.07	20.08	20.13	20.11	20.04		
20	256QAM	50	50	20.12	20.14	20.18	20.07	20.14		
20	256QAM	100	0	20.11	20.14	20.17	20.09	20.08		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.20	25.15	25.23	25.27	25.24	26	0
15	QPSK	1	37	25.20	25.12	25.22	25.15	25.12		
15	QPSK	1	74	25.16	25.18	25.26	25.16	25.16		
15	QPSK	36	0	24.25	24.23	24.22	24.18	24.17	24.7	1
15	QPSK	36	20	24.13	24.12	24.19	24.14	24.12		
15	QPSK	36	39	24.13	24.16	24.19	24.09	24.10		
15	QPSK	75	0	24.16	24.05	24.20	24.06	24.11		
15	16QAM	1	0	24.01	24.01	24.06	24.02	24.05		
15	16QAM	1	37	24.13	24.18	24.20	24.10	24.15	24.7	1
15	16QAM	1	74	24.06	24.00	24.12	24.13	24.02		
15	16QAM	36	0	23.13	23.25	23.23	23.19	23.26		
15	16QAM	36	20	23.16	23.08	23.21	23.19	23.08	23.7	2
15	16QAM	36	39	23.19	23.22	23.15	23.10	23.12		
15	16QAM	75	0	23.18	23.11	23.29	23.25	23.20		
15	64QAM	1	0	23.26	23.21	23.29	23.22	23.28		
15	64QAM	1	37	23.12	23.08	23.22	23.07	23.15	23.7	2
15	64QAM	1	74	23.17	23.14	23.18	23.19	23.08		
15	64QAM	36	0	22.17	22.16	22.22	22.25	22.22		
15	64QAM	36	20	22.16	22.16	22.21	22.12	22.15	22.7	3
15	64QAM	36	39	22.17	22.11	22.24	22.15	22.18		
15	64QAM	75	0	22.21	22.21	22.26	22.24	22.19		
15	256QAM	1	0	19.99	20.17	20.16	20.12	20.12	20.7	5
15	256QAM	1	37	19.92	20.02	19.99	20.02	19.98		
15	256QAM	1	74	20.06	20.00	20.06	20.00	20.07		
15	256QAM	36	0	20.01	20.02	20.09	19.97	20.01		
15	256QAM	36	20	20.02	20.05	20.07	20.04	19.98	20.7	5
15	256QAM	36	39	20.05	20.04	20.13	20.05	20.07		
15	256QAM	75	0	20.08	20.11	20.10	20.03	20.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.18	25.09	25.24	25.29	25.23	26	0
10	QPSK	1	25	25.15	25.11	25.24	25.17	25.10		
10	QPSK	1	49	25.18	25.22	25.20	25.19	25.15		
10	QPSK	25	0	24.22	24.22	24.24	24.17	24.16	24.7	1
10	QPSK	25	12	24.09	24.14	24.13	24.11	24.11		
10	QPSK	25	25	24.15	24.12	24.15	24.07	24.12		
10	QPSK	50	0	24.07	24.08	24.12	24.07	24.11		
10	16QAM	1	0	24.10	24.07	24.07	23.95	24.00		
10	16QAM	1	25	24.20	24.16	24.26	24.11	24.14	24.7	1
10	16QAM	1	49	24.08	24.02	24.19	24.14	24.06		
10	16QAM	25	0	23.17	23.25	23.26	23.13	23.24	23.7	2
10	16QAM	25	12	23.18	23.13	23.24	23.16	23.15		
10	16QAM	25	25	23.21	23.18	23.18	23.10	23.05		
10	16QAM	50	0	23.19	23.17	23.21	23.25	23.19		
10	64QAM	1	0	23.22	23.26	23.29	23.15	23.30	23.7	2
10	64QAM	1	25	23.10	23.06	23.18	23.10	23.13		
10	64QAM	1	49	23.16	23.13	23.15	23.15	23.11		
10	64QAM	25	0	22.22	22.22	22.24	22.26	22.21	22.7	3
10	64QAM	25	12	22.20	22.08	22.24	22.19	22.18		
10	64QAM	25	25	22.17	22.14	22.25	22.19	22.24		
10	64QAM	50	0	22.26	22.24	22.29	22.25	22.16		
10	256QAM	1	0	20.00	20.14	20.17	20.08	20.08	20.7	5
10	256QAM	1	25	19.96	19.99	20.02	20.03	19.91		
10	256QAM	1	49	20.02	20.03	20.02	19.95	20.03		
10	256QAM	25	0	19.95	20.04	20.01	19.92	19.98	20.7	5
10	256QAM	25	12	19.96	20.03	20.00	20.01	19.98		
10	256QAM	25	25	20.03	20.09	20.11	20.01	20.07		
10	256QAM	50	0	20.02	20.12	20.11	20.02	20.05		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.25	25.11	25.30	25.23	25.20	26	0
5	QPSK	1	12	25.11	25.12	25.25	25.17	25.16		
5	QPSK	1	24	25.18	25.21	25.27	25.13	25.16		
5	QPSK	12	0	24.25	24.20	24.22	24.17	24.22	24.7	1
5	QPSK	12	7	24.04	24.18	24.16	24.14	24.08		
5	QPSK	12	13	24.19	24.15	24.13	24.13	24.16		
5	QPSK	25	0	24.13	24.09	24.20	24.08	24.08		
5	16QAM	1	0	24.09	24.08	24.07	24.01	24.01		
5	16QAM	1	12	24.14	24.15	24.26	24.14	24.16	24.7	1
5	16QAM	1	24	24.09	24.01	24.12	24.14	24.02		
5	16QAM	12	0	23.14	23.24	23.29	23.14	23.26	23.7	2
5	16QAM	12	7	23.20	23.05	23.19	23.20	23.12		
5	16QAM	12	13	23.17	23.14	23.18	23.11	23.06		
5	16QAM	25	0	23.17	23.19	23.29	23.26	23.16		
5	64QAM	1	0	23.24	23.20	23.31	23.22	23.22	23.7	2
5	64QAM	1	12	23.17	23.06	23.23	23.13	23.15		
5	64QAM	1	24	23.14	23.07	23.19	23.21	23.05		
5	64QAM	12	0	22.20	22.20	22.31	22.17	22.19	22.7	3
5	64QAM	12	7	22.17	22.10	22.21	22.19	22.15		
5	64QAM	12	13	22.21	22.13	22.20	22.19	22.19		
5	64QAM	25	0	22.18	22.24	22.29	22.22	22.20		
5	256QAM	1	0	20.05	20.16	20.09	20.06	20.10	20.7	5
5	256QAM	1	12	19.92	20.00	20.06	20.00	19.91		
5	256QAM	1	24	20.02	20.03	20.09	19.99	20.06		
5	256QAM	12	0	20.00	19.98	20.09	19.98	19.96		
5	256QAM	12	7	20.02	19.99	20.10	20.04	19.99	20.7	5
5	256QAM	12	13	20.10	20.07	20.15	19.97	20.11		
5	256QAM	25	0	20.06	20.08	20.14	20.07	20.03		

	GSM850 Ant1 DSI1							
GSM850	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251	(dBm)	128	189	251	(dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.65	29.75	29.66	31.00	20.65	20.75	20.66	22.00
GPRS 1 Tx slot	29.50	29.81	29.59	31.00	20.50	20.81	20.59	22.00
GPRS 2 Tx slots	26.87	26.96	26.83	28.00	20.87	20.96	20.83	22.00
GPRS 3 Tx slots	25.03	25.02	25.13	26.20	20.77	20.76	20.87	21.94
GPRS 4 Tx slots	23.67	23.82	23.73	25.00	20.67	20.82	20.73	22.00
EDGE 1 Tx slot	27.37	27.39	27.35	28.00	18.37	18.39	18.35	19.00
EDGE 2 Tx slots	24.40	24.49	24.44	25.00	18.40	18.49	18.44	19.00
EDGE 3 Tx slots	22.77	22.79	22.77	23.20	18.51	18.53	18.51	18.94
EDGE 4 Tx slots	21.76	21.81	21.76	22.00	18.76	18.81	18.76	19.00

		WCDMA V Ant1 DSI1				WCDMA IV Ant1 DSI1			
Band		WCDMA V			Tune-up Limit	WCDMA IV			Tune-up Limit
TX Channel		4132	4182	4233	(dBm)	1312	1413	1513	(dBm)
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.8	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.22	20.33	20.40	21.50	20.19	20.29	20.17	22.00
3GPP Rel 99	RMC 12.2Kbps	20.33	20.45	20.42	21.50	20.30	20.32	20.30	22.00
3GPP Rel 6	HSDPA Subtest-1	19.22	19.54	19.18	20.50	19.08	19.49	19.19	21.00
3GPP Rel 6	HSDPA Subtest-2	19.24	19.31	19.25	20.50	19.13	19.31	19.20	21.00
3GPP Rel 6	HSDPA Subtest-3	18.82	18.84	18.77	20.00	18.61	18.78	18.71	20.50
3GPP Rel 6	HSDPA Subtest-4	18.83	18.62	18.75	20.00	18.75	18.62	18.63	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.22	19.27	19.07	20.50	19.16	19.24	19.05	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.13	19.25	19.30	20.50	19.02	19.16	19.23	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.00	18.85	18.71	20.00	18.88	18.78	18.69	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.82	18.74	18.69	20.00	18.75	18.62	18.59	20.50
3GPP Rel 6	HSUPA Subtest-1	19.47	19.41	19.32	20.58	19.39	19.43	19.25	21.00
3GPP Rel 6	HSUPA Subtest-2	17.36	17.29	17.49	18.50	17.22	17.24	17.42	19.00
3GPP Rel 6	HSUPA Subtest-3	18.30	18.27	18.35	19.50	18.16	18.20	18.24	20.00
3GPP Rel 6	HSUPA Subtest-4	17.22	17.39	17.10	18.50	17.12	17.31	17.08	19.00
3GPP Rel 6	HSUPA Subtest-5	19.37	19.51	19.17	20.50	19.25	19.38	19.15	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.78	17.02	16.77	18.00	16.78	16.87	16.67	18.50

Band 4 Ant1 Other PA DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20050	20175	20300		
	Frequency (MHz)			1720	1732.5	1745		
20	QPSK	1	0	22.24	22.45	22.18		
20	QPSK	1	49	22.36	22.41	22.22	23.2	0
20	QPSK	1	99	22.33	22.35	22.18		
20	QPSK	50	0	22.24	22.42	22.18		
20	QPSK	50	24	22.38	22.40	22.33	23.2	0
20	QPSK	50	50	22.36	22.37	22.20		
20	QPSK	100	0	22.29	22.31	22.24		
20	16QAM	1	0	22.14	22.34	22.10		
20	16QAM	1	49	22.25	22.32	22.18	23.2	0
20	16QAM	1	99	22.25	22.27	22.12		
20	16QAM	50	0	22.15	22.28	22.09		
20	16QAM	50	24	22.29	22.32	22.19	23.2	0
20	16QAM	50	50	22.24	22.30	22.08		
20	16QAM	100	0	22.16	22.26	22.19		
20	64QAM	1	0	22.32	22.34	22.26		
20	64QAM	1	49	22.27	22.27	22.11	23.2	0
20	64QAM	1	99	22.24	22.21	22.20		
20	64QAM	50	0	21.71	21.93	21.70		
20	64QAM	50	24	21.82	21.89	21.72	22.7	0.5
20	64QAM	50	50	21.79	21.83	21.73		
20	64QAM	100	0	21.77	21.93	21.67		
20	256QAM	1	0	19.72	20.00	19.72		
20	256QAM	1	49	19.89	19.95	19.72	20.7	2.5
20	256QAM	1	99	19.85	19.87	19.66		
20	256QAM	50	0	19.71	19.91	19.65		
20	256QAM	50	24	19.83	19.90	19.80	20.7	2.5
20	256QAM	50	50	19.87	19.88	19.69		
20	256QAM	100	0	19.82	19.83	19.75		
	Channel			20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	22.15	22.33	22.11		
15	QPSK	1	37	22.32	22.31	22.14	23.2	0
15	QPSK	1	74	22.24	22.26	22.10		
15	QPSK	36	0	22.17	22.35	22.08		
15	QPSK	36	20	22.29	22.35	22.25	23.2	0
15	QPSK	36	39	22.31	22.31	22.13		
15	QPSK	75	0	22.25	22.23	22.18		
15	16QAM	1	0	22.02	22.26	22.02		
15	16QAM	1	37	22.15	22.19	22.09	23.2	0
15	16QAM	1	74	22.16	22.16	21.99		
15	16QAM	36	0	22.02	22.15	21.99		
15	16QAM	36	20	22.22	22.26	22.08	23.2	0
15	16QAM	36	39	22.17	22.20	21.99		
15	16QAM	75	0	22.04	22.17	22.11		
15	64QAM	1	0	22.19	22.27	22.13		
15	64QAM	1	37	22.17	22.21	22.02	23.2	0
15	64QAM	1	74	22.17	22.14	22.08		
15	64QAM	36	0	21.60	21.84	21.66		
15	64QAM	36	20	21.75	21.78	21.66	22.7	0.5
15	64QAM	36	39	21.74	21.76	21.67		
15	64QAM	75	0	21.66	21.81	21.60		
15	256QAM	1	0	19.67	19.90	19.61		
15	256QAM	1	37	19.79	19.84	19.61	20.7	2.5
15	256QAM	1	74	19.73	19.77	19.56		
15	256QAM	36	0	19.62	19.82	19.53		
15	256QAM	36	20	19.75	19.79	19.71	20.7	2.5
15	256QAM	36	39	19.80	19.76	19.62		
15	256QAM	75	0	19.74	19.75	19.67		
	Channel			20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	22.19	22.36	22.08		
10	QPSK	1	25	22.25	22.30	22.12	23.2	0
10	QPSK	1	49	22.19	22.29	22.14		
10	QPSK	25	0	22.16	22.35	22.12		
10	QPSK	25	12	22.31	22.29	22.25	23.2	0
10	QPSK	25	25	22.29	22.24	22.11		
10	QPSK	50	0	22.22	22.20	22.13		
10	16QAM	1	0	22.08	22.29	21.97		
10	16QAM	1	25	22.17	22.22	22.06	23.2	0
10	16QAM	1	49	22.15	22.15	22.07		
10	16QAM	25	0	22.04	22.23	21.96		
10	16QAM	25	12	22.16	22.25	22.12	23.2	0
10	16QAM	25	25	22.14	22.24	21.99		
10	16QAM	50	0	22.03	22.13	22.12		
10	64QAM	1	0	22.26	22.28	22.22		
10	64QAM	1	25	22.15	22.19	22.01	23.2	0
10	64QAM	1	49	22.11	22.12	22.15		
10	64QAM	25	0	21.60	21.83	21.60		
10	64QAM	25	12	21.74	21.85	21.63	22.7	0.5
10	64QAM	25	25	21.74	21.78	21.60		
10	64QAM	50	0	21.64	21.82	21.60		
10	256QAM	1	0	19.64	19.94	19.62		
10	256QAM	1	25	19.78	19.89	19.62	20.7	2.5
10	256QAM	1	49	19.74	19.77	19.60		
10	256QAM	25	0	19.63	19.81	19.52		
10	256QAM	25	12	19.78	19.79	19.70	20.7	2.5
10	256QAM	25	25	19.80	19.62	19.59		
10	256QAM	50	0	19.77	19.70	19.64		
	Channel			19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1732.5	1752.5		
5	QPSK	1	0	22.17	22.35	22.05		
5	QPSK	1	12	22.29	22.33	22.13	23.2	0
5	QPSK	1	24	22.28	22.27	22.12		
5	QPSK	12	0	22.14	22.32	22.09		
5	QPSK	12	7	22.30	22.30	22.23	23.2	0
5	QPSK	12	13	22.22	22.27	22.06		
5	QPSK	25	0	22.23	22.20	22.10		
5	16QAM	1	0	22.06	22.23	22.04		
5	16QAM	1	12	22.17	22.24	22.10	23.2	0
5	16QAM	1	24	22.19	22.17	22.06		
5	16QAM	12	0	22.02	22.15	22.05		
5	16QAM	12	7	22.15	22.28	22.05	23.2	0
5	16QAM	12	13	22.20	22.21	21.98		
5	16QAM	25	0	22.10	22.13	22.13		
5	64QAM	1	0	22.22	22.27	22.17		
5	64QAM	1	12	22.15	22.21	22.02	23.2	0
5	64QAM	1	24	22.17	22.10	22.07		
5	64QAM	12	0	21.59	21.87	21.65		
5	64QAM	12	7	21.76	21.78	21.64	22.7	0.5
5	64QAM	12	13	21.67	21.71	21.69		
5	64QAM	25	0	21.66	21.81	21.61		
5	256QAM	1	0	19.67	19.96	19.61		
5	256QAM	1	12	19.79	19.84	19.61	20.7	2.5
5	256QAM	1	24	19.74	19.75	19.52		
5	256QAM	12	0	19.66	19.84	19.59		
5	256QAM	12	7	19.76	19.78	19.66	20.7	2.5
5	256QAM	12	13	19.77	19.81	19.65		
5	256QAM	25	0	19.76	19.78	19.65		
	Channel			19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	22.13	22.35	22.05		
3	QPSK	1	8	22.28	22.34	22.09	23.2	0
3	QPSK	1	14	22.24	22.27	22.09		
3	QPSK	8	0	22.14	22.37	22.10		
3	QPSK	8	4	22.25	22.28	22.21	23.2	0
3	QPSK	8	7	22.23	22.31	22.11		
3	QPSK	15	0	22.25	22.25	22.17		
3	16QAM	1	0	22.02	22.22	22.02		
3	16QAM	1	8	22.16	22.22	22.09	23.2	0
3	16QAM	1	14	22.15	22.19	21.98		
3	16QAM	8	0	22.08	22.23	22.03		
3	16QAM	8	4	22.25	22.22	22.11	23.2	0
3	16QAM	8	7	22.12	22.17	21.97		
3	16QAM	15	0	22.12	22.22	22.11		
3	64QAM	1	0	22.26	22.29	22.21		
3	64QAM	1	8	22.22	22.16	22.06	23.2	0
3	64QAM	1	14	22.14	22.09	22.07		
3	64QAM	8	0	21.61	21.81	21.61		
3	64QAM	8	4	21.68	21.80	21.65	22.7	0.5
3	64QAM	8	7	21.68	21.75	21.69		
3	64QAM	15	0	21.66	21.80	21.54		
3	256QAM	1	0	19.61	19.94	19.66		
3	256QAM	1	8	19.81	19.92	19.63	20.7	2.5
3	256QAM	1	14	19.78	19.81	19.57		
3	256QAM	8	0	19.58	19.85	19.52		
3	256QAM	8	4	19.71	19.80	19.67	20.7	2.5
3	256QAM	8	7	19.83	19.77	19.58		
3	256QAM	15	0	19.74	19.71	19.68		
	Channel			19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.19	22.39	22.12		
1.4	QPSK	1	3	22.25	22.29	22.08		
1.4	QPSK	1	5	22.21	22.26	22.09	23.2	0
1.4	QPSK	3	0	22.11	22.31	22.07		
1.4	QPSK	3	1	22.27	22.34	22.27		
1.4	QPSK	3	3	22.28	22.27	22.12		
1.4	QPSK	6	0	22.22	22.21	22.12	23.2	0
1.4	16QAM	1	0	22.04	22.29	22.04		
1.4	16QAM	1	3	22.11	22.23	22.13		
1.4	16QAM	1	5	22.14	22.14	21.99	23.2	0
1.4	16QAM	3	0	22.08	22.15	21.98		
1.4	16QAM	3	1	22.18	22.20	22.10		
1.4	16QAM	3	3	22.16	22.19	22.03		
1.4	16QAM	6	0	22.03	22.19	22.13	23.2	0
1.4	64QAM	1	0	22.25	22.28	22.18		
1.4	64QAM	1	3	22.19	22.20	22.00	23.2	0
1.4	64QAM	1	5	22.10	22.11	22.07		
1.4	64QAM	3	0	21.64	21.82	21.64		
1.4	64QAM	3	1	21.71	21.81	21.59		
1.4	64QAM	3	3	21.74	21.75	21.67		
1.4	64QAM	6	0	21.71	21.83	21.54	22.7	0.5
1.4	256QAM	1	0	19.59	19.90	19.61		
1.4	256QAM	1	3	19.75	19.82	19.66		
1.4	256QAM	1	5	19.73	19.76	19.54	20.7	2.5
1.4	256QAM	3	0	19.60	19.79	19.60		
1.4	256QAM	3	1	19.77	19.85	19.71		
1.4	256QAM	3	3	19.82	19.83	19.58		
1.4	256QAM	6	0	19.75	19.77	19.63	20.7	2.5

Band 5 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20450	20525	20600		
	Frequency (MHz)			829	836.5	844		
10	QPSK	1	0	20.39	20.61	20.44		
10	QPSK	1	25	20.45	20.43	20.41	21.5	0
10	QPSK	1	49	20.42	20.52	20.37		
10	QPSK	25	0	20.52	20.59	20.50		
10	QPSK	25	12	20.43	20.51	20.46	21.5	0
10	QPSK	25	25	20.43	20.43	20.45		
10	QPSK	50	0	20.52	20.55	20.52		
10	16QAM	1	0	20.30	20.48	20.35		
10	16QAM	1	25	20.40	20.32	20.33	21.5	0
10	16QAM	1	49	20.33	20.45	20.30		
10	16QAM	25	0	20.45	20.46	20.36		
10	16QAM	25	12	20.32	20.45	20.34	21.5	0
10	16QAM	25	25	20.33	20.37	20.35		
10	16QAM	50	0	20.45	20.50	20.44		
10	64QAM	1	0	20.29	20.48	20.39		
10	64QAM	1	25	20.39	20.32	20.30	21.5	0
10	64QAM	1	49	20.35	20.41	20.31		
10	64QAM	25	0	20.38	20.54	20.45		
10	64QAM	25	12	20.37	20.40	20.40	21.5	0
10	64QAM	25	25	20.32	20.30	20.37		
10	64QAM	50	0	20.45	20.42	20.46		
10	256QAM	1	0	19.40	19.62	19.46		
10	256QAM	1	25	19.45	19.40	19.39	20.5	1
10	256QAM	1	49	19.43	19.54	19.38		
10	256QAM	25	0	19.54	19.58	19.53		
10	256QAM	25	12	19.45	19.52	19.44	20.5	1
10	256QAM	25	25	19.44	19.39	19.41		
10	256QAM	50	0	19.56	19.52	19.52		
	Channel			20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			826.5	836.5	846.5		
5	QPSK	1	0	20.26	20.54	20.37		
5	QPSK	1	12	20.40	20.35	20.33	21.5	0
5	QPSK	1	24	20.34	20.39	20.30		
5	QPSK	12	0	20.45	20.51	20.39		
5	QPSK	12	7	20.35	20.39	20.33	21.5	0
5	QPSK	12	13	20.39	20.37	20.37		
5	QPSK	25	0	20.43	20.44	20.44		
5	16QAM	1	0	20.25	20.39	20.25		
5	16QAM	1	12	20.27	20.20	20.25	21.5	0
5	16QAM	1	24	20.28	20.39	20.22		
5	16QAM	12	0	20.32	20.33	20.27		
5	16QAM	12	7	20.24	20.36	20.23	21.5	0
5	16QAM	12	13	20.23	20.33	20.25		
5	16QAM	25	0	20.36	20.44	20.37		
5	64QAM	1	0	20.24	20.37	20.30		
5	64QAM	1	12	20.27	20.20	20.18	21.5	0
5	64QAM	1	24	20.22	20.28	20.22		
5	64QAM	12	0	20.30	20.43	20.36		
5	64QAM	12	7	20.31	20.33	20.30	21.5	0
5	64QAM	12	13	20.21	20.20	20.24		
5	64QAM	25	0	20.32	20.30	20.38		
5	256QAM	1	0	19.34	19.55	19.40		
5	256QAM	1	12	19.40	19.34	19.29	20.5	1
5	256QAM	1	24	19.38	19.46	19.28		
5	256QAM	12	0	19.48	19.47	19.39		
5	256QAM	12	7	19.34	19.41	19.31	20.5	1
5	256QAM	12	13	19.33	19.27	19.32		
5	256QAM	25	0	19.46	19.46	19.39		
	Channel			20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			825.5	836.5	847.5		
3	QPSK	1	0	20.34	20.47	20.36		
3	QPSK	1	8	20.36	20.31	20.32	21.5	0
3	QPSK	1	14	20.36	20.41	20.25		
3	QPSK	8	0	20.42	20.53	20.40		
3	QPSK	8	4	20.34	20.37	20.42	21.5	0
3	QPSK	8	7	20.37	20.37	20.32		
3	QPSK	15	0	20.47	20.45	20.40		
3	16QAM	1	0	20.23	20.38	20.25		
3	16QAM	1	8	20.28	20.21	20.25	21.5	0
3	16QAM	1	14	20.25	20.36	20.21		
3	16QAM	8	0	20.36	20.38	20.31		
3	16QAM	8	4	20.23	20.40	20.23	21.5	0
3	16QAM	8	7	20.21	20.32	20.30		
3	16QAM	15	0	20.36	20.40	20.31		
3	64QAM	1	0	20.18	20.39	20.33		
3	64QAM	1	8	20.33	20.23	20.22	21.5	0
3	64QAM	1	14	20.25	20.27	20.19		
3	64QAM	8	0	20.27	20.41	20.37		
3	64QAM	8	4	20.26	20.31	20.30	21.5	0
3	64QAM	8	7	20.25	20.20	20.28		
3	64QAM	15	0	20.39	20.33	20.38		
3	256QAM	1	0	19.29	19.52	19.37		
3	256QAM	1	8	19.41	19.33	19.26	20.5	1
3	256QAM	1	14	19.30	19.43	19.28		
3	256QAM	8	0	19.47	19.51	19.43		
3	256QAM	8	4	19.37	19.43	19.33	20.5	1
3	256QAM	8	7	19.38	19.33	19.30		
3	256QAM	15	0	19.43	19.43	19.39		
	Channel			20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			824.7	836.5	848.3		
1.4	QPSK	1	0	20.31	20.51	20.38		
1.4	QPSK	1	3	20.34	20.38	20.37		
1.4	QPSK	1	5	20.33	20.45	20.24	21.5	0
1.4	QPSK	3	0	20.45	20.49	20.40		
1.4	QPSK	3	1	20.30	20.43	20.32		
1.4	QPSK	3	3	20.31	20.31	20.41		
1.4	QPSK	6	0	20.44	20.50	20.48	21.5	0
1.4	16QAM	1	0	20.18	20.36	20.26		
1.4	16QAM	1	3	20.35	20.27	20.20		
1.4	16QAM	1	5	20.21	20.33	20.22	21.5	0
1.4	16QAM	3	0	20.39	20.37	20.37		
1.4	16QAM	3	1	20.22	20.37	20.23		
1.4	16QAM	3	3	20.24	20.24	20.24		
1.4	16QAM	6	0	20.40	20.43	20.32	21.5	0
1.4	64QAM	1	0	20.25	20.38	20.33		
1.4	64QAM	1	3	20.28	20.22	20.23		
1.4	64QAM	1	5	20.26	20.30	20.21	21.5	0
1.4	64QAM	3	0	20.33	20.46	20.32		
1.4	64QAM	3	1	20.28	20.34	20.31		
1.4	64QAM	3	3	20.25	20.24	20.31		
1.4	64QAM	6	0	20.35	20.31	20.40	21.5	0
1.4	256QAM	1	0	19.35	19.52	19.37		
1.4	256QAM	1	3	19.35	19.34	19.35		
1.4	256QAM	1	5	19.31	19.49	19.29	20.5	1
1.4	256QAM	3	0	19.42	19.45	19.48		
1.4	256QAM	3	1	19.31	19.46	19.35		
1.4	256QAM	3	3	19.32	19.27	19.36		
1.4	256QAM	6	0	19.43	19.39	19.44	20.5	1

Band 7 Ant1 Other PA DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20850	21100	21350		
	Frequency (MHz)			2510	2535	2560		
20	QPSK	1	0	20.93	21.15	20.95		
20	QPSK	1	49	21.01	21.01	20.95	21.7	0
20	QPSK	1	99	20.96	20.95	20.96		
20	QPSK	50	0	20.94	21.14	20.97		
20	QPSK	50	24	20.86	21.05	20.94	21.7	0
20	QPSK	50	50	21.02	20.99	20.90		
20	QPSK	100	0	21.05	21.12	21.04		
20	16QAM	1	0	20.86	21.11	20.88		
20	16QAM	1	49	20.94	20.92	20.90	21.7	0
20	16QAM	1	99	20.83	20.92	20.91		
20	16QAM	50	0	20.90	21.08	20.90		
20	16QAM	50	24	20.73	20.95	20.82	21.7	0
20	16QAM	50	50	20.97	20.93	20.85		
20	16QAM	100	0	20.96	21.03	20.96		
20	64QAM	1	0	20.80	21.02	20.90		
20	64QAM	1	49	20.98	20.97	20.87	21.7	0
20	64QAM	1	99	20.88	20.86	20.88		
20	64QAM	50	0	20.87	21.03	20.86		
20	64QAM	50	24	20.77	21.00	20.89	21.7	0
20	64QAM	50	50	20.93	20.93	20.79		
20	64QAM	100	0	20.94	21.01	20.94		
20	256QAM	1	0	19.92	20.16	19.93		
20	256QAM	1	49	20.01	20.05	19.98	20.7	1
20	256QAM	1	99	19.99	19.95	20.00		
20	256QAM	50	0	19.93	20.15	19.96		
20	256QAM	50	24	19.85	20.02	19.90	20.7	1
20	256QAM	50	50	20.07	19.97	19.93		
20	256QAM	100	0	20.02	20.12	20.09		
	Channel			20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2507.5	2535	2562.5		
15	QPSK	1	0	20.83	21.09	20.84		
15	QPSK	1	37	20.91	20.88	20.90	21.7	0
15	QPSK	1	74	20.84	20.84	20.91		
15	QPSK	36	0	20.91	21.09	20.86		
15	QPSK	36	20	20.75	20.99	20.88	21.7	0
15	QPSK	36	39	20.93	20.95	20.84		
15	QPSK	75	0	21.01	21.05	20.94		
15	16QAM	1	0	20.78	21.07	20.75		
15	16QAM	1	37	20.81	20.86	20.83	21.7	0
15	16QAM	1	74	20.74	20.82	20.87		
15	16QAM	36	0	20.84	21.04	20.85		
15	16QAM	36	20	20.69	20.90	20.76	21.7	0
15	16QAM	36	39	20.87	20.82	20.79		
15	16QAM	75	0	20.90	20.90	20.85		
15	64QAM	1	0	20.76	20.93	20.87		
15	64QAM	1	37	20.85	20.89	20.80	21.7	0
15	64QAM	1	74	20.82	20.75	20.75		
15	64QAM	36	0	20.78	20.92	20.76		
15	64QAM	36	20	20.74	20.93	20.79	21.7	0
15	64QAM	36	39	20.81	20.89	20.67		
15	64QAM	75	0	20.83	20.95	20.89		
15	256QAM	1	0	19.84	20.10	19.83		
15	256QAM	1	37	19.97	19.94	19.90	20.7	1
15	256QAM	1	74	19.90	19.87	19.95		
15	256QAM	36	0	19.82	20.09	19.84		
15	256QAM	36	20	19.78	19.89	19.81	20.7	1
15	256QAM	36	39	20.04	19.92	19.80		
15	256QAM	75	0	19.96	19.99	20.05		
	Channel			20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2505	2535	2565		
10	QPSK	1	0	20.85	21.02	20.89		
10	QPSK	1	25	20.92	20.96	20.87	21.7	0
10	QPSK	1	49	20.86	20.83	20.93		
10	QPSK	25	0	20.89	21.07	20.94		
10	QPSK	25	12	20.77	20.92	20.86	21.7	0
10	QPSK	25	25	20.90	20.90	20.81		
10	QPSK	50	0	20.93	21.08	20.98		
10	16QAM	1	0	20.81	21.02	20.84		
10	16QAM	1	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			23060	23095	23130		
	Frequency (MHz)			704	707.5	711		
10	QPSK	1	0	22.56	22.71	22.58		
10	QPSK	1	25	22.51	22.61	22.37	23.5	0
10	QPSK	1	49	22.59	22.81	22.65		
10	QPSK	25	0	22.54	22.65	22.48		
10	QPSK	25	12	22.35	22.63	22.47	23.5	0
10	QPSK	25	25	22.43	22.61	22.57		
10	QPSK	50	0	22.51	22.62	22.57		
10	16QAM	1	0	22.46	22.66	22.52		
10	16QAM	1	25	22.43	22.57	22.29	23.5	0
10	16QAM	1	49	22.46	22.48	22.58		
10	16QAM	25	0	22.47	22.66	22.55		
10	16QAM	25	12	22.42	22.58	22.26	23.5	0
10	16QAM	25	25	22.51	22.56	22.58		
10	16QAM	50	0	22.49	22.54	22.44		
10	64QAM	1	0	22.23	22.59	22.37		
10	64QAM	1	25	22.37	22.57	22.45	23.5	0
10	64QAM	1	49	22.41	22.54	22.49		
10	64QAM	25	0	21.59	21.67	21.58		
10	64QAM	25	12	21.56	21.58	21.34	22.5	1
10	64QAM	25	25	21.58	21.65	21.60		
10	64QAM	50	0	21.50	21.66	21.45		
10	256QAM	1	0	19.54	19.67	19.53		
10	256QAM	1	25	19.55	19.58	19.41	20.5	3
10	256QAM	1	49	19.64	19.64	19.70		
10	256QAM	25	0	19.55	19.61	19.51		
10	256QAM	25	12	19.40	19.60	19.48	20.5	3
10	256QAM	25	25	19.49	19.61	19.61		
10	256QAM	50	0	19.52	19.66	19.60		
	Channel			23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			701.5	707.5	713.5		
5	QPSK	1	0	22.50	22.65	22.53		
5	QPSK	1	12	22.47	22.55	22.27	23.5	0
5	QPSK	1	24	22.52	22.48	22.56		
5	QPSK	12	0	22.43	22.54	22.42		
5	QPSK	12	7	22.32	22.54	22.35	23.5	0
5	QPSK	12	13	22.37	22.52	22.53		
5	QPSK	25	0	22.46	22.53	22.51		
5	16QAM	1	0	22.40	22.61	22.49		
5	16QAM	1	12	22.33	22.45	22.24	23.5	0
5	16QAM	1	24	22.34	22.42	22.47		
5	16QAM	12	0	22.42	22.54	22.42		
5	16QAM	12	7	22.35	22.51	22.20	23.5	0
5	16QAM	12	13	22.48	22.53	22.53		
5	16QAM	25	0	22.43	22.48	22.39		
5	64QAM	1	0	22.15	22.51	22.29		
5	64QAM	1	12	22.30	22.54	22.41	23.5	0
5	64QAM	1	24	22.34	22.48	22.41		
5	64QAM	12	0	21.50	21.58	21.50		
5	64QAM	12	7	21.50	21.52	21.29	22.5	1
5	64QAM	12	13	21.45	21.52	21.49		
5	64QAM	25	0	21.43	21.63	21.34		
5	256QAM	1	0	19.49	19.61	19.44		
5	256QAM	1	12	19.48	19.54	19.36	20.5	3
5	256QAM	1	24	19.55	19.53	19.64		
5	256QAM	12	0	19.47	19.53	19.47		
5	256QAM	12	7	19.35	19.51	19.40	20.5	3
5	256QAM	12	13	19.39	19.54	19.56		
5	256QAM	25	0	19.40	19.56	19.52		
	Channel			23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			700.5	707.5	714.5		
3	QPSK	1	0	22.49	22.62	22.54		
3	QPSK	1	8	22.47	22.53	22.30	23.5	0
3	QPSK	1	14	22.48	22.51	22.57		
3	QPSK	8	0	22.46	22.58	22.43		
3	QPSK	8	4	22.23	22.51	22.43	23.5	0
3	QPSK	8	7	22.42	22.58	22.47		
3	QPSK	15	0	22.46	22.50	22.46		
3	16QAM	1	0	22.36	22.60	22.49		
3	16QAM	1	8	22.31	22.54	22.19	23.5	0
3	16QAM	1	14	22.36	22.40	22.54		
3	16QAM	8	0	22.42	22.55	22.44		
3	16QAM	8	4	22.38	22.50	22.22	23.5	0
3	16QAM	8	7	22.45	22.46	22.46		
3	16QAM	15	0	22.37	22.43	22.36		
3	64QAM	1	0	22.18	22.48	22.24		
3	64QAM	1	8	22.33	22.49	22.35	23.5	0
3	64QAM	1	14	22.29	22.50	22.38		
3	64QAM	8	0	21.50	21.54	21.51		
3	64QAM	8	4	21.50	21.56	21.25	22.5	1
3	64QAM	8	7	21.53	21.57	21.51		
3	64QAM	15	0	21.42	21.55	21.33		
3	256QAM	1	0	19.51	19.37	19.41		
3	256QAM	1	8	19.52	19.47	19.38	20.5	3
3	256QAM	1	14	19.52	19.56	19.62		
3	256QAM	8	0	19.44	19.52	19.47		
3	256QAM	8	4	19.31	19.50	19.41	20.5	3
3	256QAM	8	7	19.45	19.52	19.51		
3	256QAM	15	0	19.42	19.52	19.50		
	Channel			23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			699.7	707.5	715.3		
1.4	QPSK	1	0	22.43	22.66	22.54		
1.4	QPSK	1	3	22.47	22.52	22.28		
1.4	QPSK	1	5	22.47	22.53	22.56	23.5	0
1.4	QPSK	3	0	22.44	22.58	22.44		
1.4	QPSK	3	1	22.31	22.55	22.38		
1.4	QPSK	3	3	22.42	22.52	22.52		
1.4	QPSK	6	0	22.45	22.53	22.44	23.5	0
1.4	16QAM	1	0	22.40	22.56	22.41		
1.4	16QAM	1	3	22.37	22.53	22.22		
1.4	16QAM	1	5	22.34	22.39	22.47	23.5	0
1.4	16QAM	3	0	22.39	22.61	22.46		
1.4	16QAM	3	1	22.33	22.55	22.14		
1.4	16QAM	3	3	22.47	22.51	22.50		
1.4	16QAM	6	0	22.35	22.58	22.46	23.5	0
1.4	64QAM	1	0	22.37	22.41	22.25		
1.4	64QAM	1	3	22.43	22.42	22.49		
1.4	64QAM	1	5	22.41	22.49	22.40	23.5	0
1.4	64QAM	3	0	22.21	22.44	22.34		
1.4	64QAM	3	1	22.38	22.42	22.47		
1.4	64QAM	3	3	22.34	22.50	22.33		
1.4	64QAM	6	0	21.44	21.62	21.41	22.5	1
1.4	256QAM	1	0	19.46	19.56	19.43		
1.4	256QAM	1	3	19.45	19.46	19.35		
1.4	256QAM	1	5	19.55	19.59	19.59		
1.4	256QAM	3	0	19.46	19.56	19.47	20.5	3
1.4	256QAM	3	1	19.28	19.56	19.35		
1.4	256QAM	3	3	19.37	19.57	19.57		
1.4	256QAM	6	0	19.44	19.54	19.53	20.5	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			23780	23790	23800		
	Frequency (MHz)			709	710	711		
10	QPSK	1	0	22.40	22.65	22.44		
10	QPSK	1	25	22.45	22.53	22.44	23.5	0
10	QPSK	1	49	22.41	22.47	22.43		
10	QPSK	25	0	22.42	22.58	22.42		
10	QPSK	25	12	22.51	22.52	22.50	23.5	0
10	QPSK	25	25	22.33	22.51	22.32		
10	QPSK	50	0	22.44	22.59	22.58		
10	16QAM	1	0	22.29	22.54	22.33		
10	16QAM	1	25	22.40	22.45	22.35	23.5	0
10	16QAM	1	49	22.33	22.36	22.34		
10	16QAM	25	0	22.34	22.53	22.35		
10	16QAM	25	12	22.33	22.41	22.34	23.5	0
10	16QAM	25	25	22.35	22.36	22.36		
10	16QAM	50	0	22.29	22.48	22.34		
10	64QAM	1	0	22.47	22.44	22.38		
10	64QAM	1	25	22.28	22.42	22.20	23.5	0
10	64QAM	1	49	22.38	22.48	22.50		
10	64QAM	25	0	21.39	21.67	21.44		
10	64QAM	25	12	21.47	21.56	21.41	22.5	1
10	64QAM	25	25	21.45	21.45	21.44		
10	64QAM	50	0	21.40	21.54	21.41		
10	256QAM	1	0	19.38	19.65	19.49		
10	256QAM	1	25	19.44	19.49	19.48	20.5	3
10	256QAM	1	49	19.59	19.44	19.39		
10	256QAM	25	0	19.37	19.56	19.38		
10	256QAM	25	12	19.52	19.52	19.55	20.5	3
10	256QAM	25	25	19.33	19.49	19.29		
10	256QAM	50	0	19.43	19.58	19.54		
	Channel			23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			706.5	710	713.5		
5	QPSK	1	0	22.34	22.64	22.43		
5	QPSK	1	12	22.37	22.43	22.40	23.5	0
5	QPSK	1	24	22.37	22.44	22.32		
5	QPSK	12	0	22.39	22.48	22.32		
5	QPSK	12	7	22.44	22.47	22.48	23.5	0
5	QPSK	12	13	22.28	22.42	22.22		
5	QPSK	25	0	22.41	22.48	22.48		
5	16QAM	1	0	22.21	22.48	22.28		
5	16QAM	1	12	22.36	22.41	22.26	23.5	0
5	16QAM	1	24	22.28	22.30	22.29		
5	16QAM	12	0	22.29	22.51	22.34		
5	16QAM	12	7	22.27	22.35	22.33	23.5	0
5	16QAM	12	13	22.32	22.33	22.34		
5	16QAM	25	0	22.20	22.44	22.30		
5	64QAM	1	0	22.37	22.42	22.33		
5	64QAM	1	12	22.24	22.37	22.10	23.5	0
5	64QAM	1	24	22.32	22.45	22.42		
5	64QAM	12	0	21.34	21.63	21.36		
5	64QAM	12	7	21.38	21.53	21.38	22.5	1
5	64QAM	12	13	21.43	21.35	21.40		
5	64QAM	25	0	21.32	21.43	21.39		
5	256QAM	1	0	19.31	19.62	19.39		
5	256QAM	1	12	19.39	19.45	19.37	20.5	3
5	256QAM	1	24	19.37	19.40	19.35		
5	256QAM	12	0	19.31	19.54	19.35		
5	256QAM	12	7	19.48	19.47	19.49	20.5	3
5	256QAM	12	13	19.28	19.41	19.21		
5	256QAM	25	0	19.35	19.53	19.51		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			26768	26865	26965		
	Frequency (MHz)			821.5	831.5	841.5		
15	QPSK	1	0	20.53	20.65	20.47		
15	QPSK	1	37	20.51	20.50	20.52	21.5	0
15	QPSK	1	74	20.43	20.50	20.53		
15	QPSK	36	0	20.55	20.61	20.49		
15	QPSK	36	20	20.39	20.59	20.49	21.5	0
15	QPSK	36	39	20.32	20.41	20.52		
15	QPSK	75	0	20.53	20.55	20.54		
15	16QAM	1	0	20.47	20.58	20.41		
15	16QAM	1	37	20.41	20.43	20.42	21.5	0
15	16QAM	1	74	20.37	20.44	20.44		
15	16QAM	36	0	20.44	20.50	20.47		
15	16QAM	36	20	20.33	20.57	20.42	21.5	0
15	16QAM	36	39	20.45	20.33	20.49		
15	16QAM	75	0	20.43	20.46	20.50		
15	64QAM	1	0	20.50	20.63	20.38		
15	64QAM	1	37	20.46	20.44	20.44	21.5	0
15	64QAM	1	74	20.37	20.48	20.52		
15	64QAM	36	0	20.46	20.56	20.48		
15	64QAM	36	20	20.31	20.52	20.44	21.5	0
15	64QAM	36	39	20.45	20.38	20.49		
15	64QAM	75	0	20.46	20.54	20.45		
15	256QAM	1	0	19.52	19.69	19.46		
15	256QAM	1	37	19.53	19.51	19.48	20.5	1
15	256QAM	1	74	19.47	19.55	19.53		
15	256QAM	36	0	19.52	19.59	19.48		
15	256QAM	36	20	19.43	19.55	19.45	20.5	1
15	256QAM	36	39	19.54	19.37	19.51		
15	256QAM	75	0	19.55	19.56	19.58		
	Channel			26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			819	831.5	844		
10	QPSK	1	0	20.48	20.63	20.38		
10	QPSK	1	25	20.49	20.40	20.53	21.5	0
10	QPSK	1	49	20.41	20.47	20.42		
10	QPSK	25	0	20.51	20.50	20.41		
10	QPSK	25	12	20.33	20.53	20.47	21.5	0
10	QPSK	25	25	20.48	20.36	20.46		
10	QPSK	50	0	20.44	20.51	20.49		
10	16QAM	1	0	20.42	20.57	20.34		
10	16QAM	1	25	20.36	20.33	20.36	21.5	0
10	16QAM	1	49	20.31	20.41	20.40		
10	16QAM	25	0	20.41	20.42	20.43		
10	16QAM	25	12	20.31	20.55	20.33	21.5	0
10	16QAM	25	25	20.42	20.27	20.42		
10	16QAM	50	0	20.39	20.44	20.48		
10	64QAM	1	0	20.45	20.57	20.33		
10	64QAM	1	25	20.43	20.41	20.42	21.5	0
10	64QAM	1	49	20.32	20.40	20.45		
10	64QAM	25	0	20.36	20.51	20.38		
10	64QAM	25	12	20.25	20.42	20.36	21.5	0
10	64QAM	25	25	20.38	20.34	20.41		
10	64QAM	50	0	20.40	20.41	20.39		
10	256QAM	1	0	19.51	19.67	19.41		
10	256QAM	1	25	19.50	19.45	19.43	20.5	1
10	256QAM	1	49	19.37	19.53	19.42		
10	256QAM	25	0	19.50	19.53	19.44		
10	256QAM	25	12	19.32	19.45	19.35	20.5	1
10	256QAM	25	25	19.48	19.29	19.46		
10	256QAM	50	0	19.51	19.47	19.52		
	Channel			26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			816.5	831.5	846.5		
5	QPSK	1	0	20.52	20.60	20.45		
5	QPSK	1	12	20.44	20.47	20.50	21.5	0
5	QPSK	1	24	20.40	20.46	20.49		
5	QPSK	12	0	20.51	20.55	20.42		
5	QPSK	12	7	20.29	20.55	20.42	21.5	0
5	QPSK	12	13	20.50	20.32	20.49		
5	QPSK	25	0	20.46	20.49	20.49		
5	16QAM	1	0	20.38	20.48	20.32		
5	16QAM	1	12	20.40	20.32	20.38	21.5	0
5	16QAM	1	24	20.26	20.37	20.42		
5	16QAM	12	0	20.36	20.47	20.41		
5	16QAM	12	7	20.28	20.49	20.36	21.5	0
5	16QAM	12	13	20.43	20.30	20.39		
5	16QAM	25	0	20.42	20.39	20.46		
5	64QAM	1	0	20.40	20.53	20.33		
5	64QAM	1	12	20.41	20.40	20.42	21.5	0
5	64QAM	1	24	20.33	20.45	20.45		
5	64QAM	12	0	20.44	20.47	20.37		
5	64QAM	12	7	20.21	20.50	20.39	21.5	0
5	64QAM	12	13	20.43	20.28	20.47		
5	64QAM	25	0	20.37	20.37	20.40		
5	256QAM	1	0	19.41	19.61	19.42		
5	256QAM	1	12	19.49	19.44	19.43	20.5	1
5	256QAM	1	24	19.43	19.44	19.47		
5	256QAM	12	0	19.45	19.47	19.47		
5	256QAM	12	7	19.38	19.50	19.38	20.5	1
5	256QAM	12	13	19.52	19.34	19.49		
5	256QAM	25	0	19.44	19.46	19.56		
	Channel			26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			815.5	831.5	847.5		
3	QPSK	1	0	20.43	20.61	20.39		
3	QPSK	1	8	20.47	20.46	20.43	21.5	0
3	QPSK	1	14	20.37	20.47	20.50		
3	QPSK	8	0	20.54	20.58	20.42		
3	QPSK	8	4	20.34	20.53	20.44	21.5	0
3	QPSK	8	7	20.47	20.40	20.51		
3	QPSK	15	0	20.45	20.54	20.44		
3	16QAM	1	0	20.44	20.55	20.40		
3	16QAM	1	8	20.39	20.39	20.36	21.5	0
3	16QAM	1	14	20.34	20.36	20.38		
3	16QAM	8	0	20.36	20.44	20.40		
3	16QAM	8	4	20.27	20.46	20.36	21.5	0
3	16QAM	8	7	20.41	20.31	20.43		
3	16QAM	15	0	20.35	20.40	20.40		
3	64QAM	1	0	20.43	20.57	20.29		
3	64QAM	1	8	20.35	20.42	20.34	21.5	0
3	64QAM	1	14	20.33	20.39	20.47		
3	64QAM	8	0	20.42	20.46	20.44		
3	64QAM	8	4	20.20	20.42	20.35	21.5	0
3	64QAM	8	7	20.41	20.35	20.47		
3	64QAM	15	0	20.44	20.39	20.39		
3	256QAM	1	0	19.49	19.66	19.44		
3	256QAM	1	8	19.48	19.44	19.41	20.5	1
3	256QAM	1	14	19.40	19.46	19.51		
3	256QAM	8	0	19.45	19.56	19.45		
3	256QAM	8	4	19.36	19.53	19.36	20.5	1
3	256QAM	8	7	19.44	19.35	19.47		
3	256QAM	15	0	19.49	19.53	19.48		
	Channel			26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			814.7	831.5	848.3		
1.4	QPSK	1	0	20.48	20.63	20.42		
1.4	QPSK	1	3	20.42	20.42	20.50		
1.4	QPSK	1	5	20.34	20.44	20.51	21.5	0
1.4	QPSK	3	0	20.50	20.54	20.43		
1.4	QPSK	3	1	20.31	20.48	20.39		
1.4	QPSK	3	3	20.50	20.37	20.52		
1.4	QPSK	6	0	20.47	20.46	20.45	21.5	0
1.4	16QAM	1	0	20.43	20.54	20.40		
1.4	16QAM	1	3	20.35	20.42	20.33		
1.4	16QAM	1	5	20.28	20.42	20.38	21.5	0
1.4	16QAM	3	0	20.35	20.42	20.44		
1.4	16QAM	3	1	20.31	20.47	20.33		
1.4	16QAM	3	3	20.42	20.29	20.46		
1.4	16QAM	6	0	20.39	20.40	20.44	21.5	0
1.4	64QAM	1	0	20.44	20.58	20.39		
1.4	64QAM	1	3	20.37	20.39	20.40		
1.4	64QAM	1	5	20.29	20.47	20.40	21.5	0
1.4	64QAM	3	0	20.41	20.48	20.38		
1.4	64QAM	3	1	20.20	20.41	20.38		
1.4	64QAM	3	3	20.39	20.34	20.45		
1.4	64QAM	6	0	20.40	20.40	20.43	21.5	0
1.4	256QAM	1	0	19.45	19.58	19.44		
1.4	256QAM	1	3	19.50	19.46	19.46		
1.4	256QAM	1	5	19.37	19.48	19.45	20.5	1
1.4	256QAM	3	0	19.50	19.56	19.43		
1.4	256QAM	3	1	19.39	19.45	19.37		
1.4	256QAM	3	3	19.51	19.35	19.42		
1.4	256QAM	6	0	19.53	19.51	19.49	20.5	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			132072	132322	132572		
	Frequency (MHz)			1720	1745	1770		
20	QPSK	1	0	15.97	16.15	15.94		
20	QPSK	1	49	15.98	16.01	15.95	17.7	0
20	QPSK	1	99	15.97	16.06	15.90		
20	QPSK	50	0	16.02	16.05	15.96		
20	QPSK	50	24	15.92	16.03	15.85	17.7	0
20	QPSK	50	50	15.87	15.96	15.96		
20	QPSK	100	0	15.95	16.14	15.93		
20	16QAM	1	0	15.95	16.06	15.85		
20	16QAM	1	49	15.89	15.99	15.87	17.7	0
20	16QAM	1	99	15.91	15.98	15.80		
20	16QAM	50	0	15.96	16.01	15.90		
20	16QAM	50	24	15.83	16.00	15.75	17.7	0
20	16QAM	50	50	15.76	15.87	15.92		
20	16QAM	100	0	15.84	16.13	15.89		
20	64QAM	1	0	15.93	16.06	15.88		
20	64QAM	1	49	15.88	15.90	15.87	17.7	0
20	64QAM	1	99	15.92	15.95	15.86		
20	64QAM	50	0	15.95	16.01	15.94		
20	64QAM	50	24	15.88	15.94	15.83	17.7	0
20	64QAM	50	50	15.85	15.92	15.92		
20	64QAM	100	0	15.85	16.11	15.90		
20	256QAM	1	0	15.93	16.07	15.86		
20	256QAM	1	49	15.94	15.91	15.85	17.7	0
20	256QAM	1	99	15.90	15.98	15.87		
20	256QAM	50	0	15.97	16.00	15.90		
20	256QAM	50	24	15.90	15.94	15.80	17.7	0
20	256QAM	50	50	15.80	15.92	15.95		
20	256QAM	100	0	15.85	16.08	15.91		
	Channel			132047	4	132507	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	15.88	16.07	15.93		
15	QPSK	1	37	15.94	15.97	15.86	17.7	0
15	QPSK	1	74	15.89	16.04	15.87		
15	QPSK	36	0	15.99	15.99	15.87		
15	QPSK	36	20	15.90	15.98	15.81	17.7	0
15	QPSK	36	39	15.82	15.95	15.93		
15	QPSK	75	0	15.94	16.08	15.83		
15	16QAM	1	0

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BW [MHz]	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	22.02	22.17	22.01		
20	QPSK	1	49	21.96	22.03	21.99	22.7	0
20	QPSK	1	99	21.96	22.06	22.04		
20	QPSK	50	0	22.10	22.11	22.09		
20	QPSK	50	24	22.02	22.05	22.00	22.7	0
20	QPSK	50	50	22.08	22.04	22.05		
20	QPSK	100	0	21.99	22.10	21.95		
20	16QAM	1	0	21.99	22.11	21.96		
20	16QAM	1	49	21.85	21.99	21.92	22.7	0
20	16QAM	1	99	21.87	22.02	21.99		
20	16QAM	50	0	22.02	22.07	22.03		
20	16QAM	50	24	21.96	21.95	21.91	22.7	0
20	16QAM	50	50	22.05	22.01	22.02		
20	16QAM	100	0	21.93	22.06	21.86		
20	64QAM	1	0	22.01	22.09	21.97		
20	64QAM	1	49	21.95	21.93	21.95	22.7	0
20	64QAM	1	99	21.85	22.04	21.94		
20	64QAM	50	0	22.00	22.04	22.07		
20	64QAM	50	24	21.91	21.96	21.98	22.7	0
20	64QAM	50	50	22.01	21.97	21.97		
20	64QAM	100	0	21.93	21.99	21.92		
20	256QAM	1	0	20.02	20.16	20.02		
20	256QAM	1	49	19.95	20.06	20.01	20.7	2
20	256QAM	1	99	19.93	20.02	20.00		
20	256QAM	50	0	20.10	20.11	20.13		
20	256QAM	50	24	20.04	20.01	20.02	20.7	2
20	256QAM	50	50	20.05	20.08	20.01		
20	256QAM	100	0	19.98	20.11	19.97		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.91	22.12	21.93		
15	QPSK	1	37	21.88	21.92	21.89	22.7	0
15	QPSK	1	74	21.86	21.98	21.92		
15	QPSK	36	0	21.99	21.99	21.97		
15	QPSK	36	20	21.91	21.92	21.93	22.7	0
15	QPSK	36	39	21.97	21.93	21.98		
15	QPSK	75	0	21.87	22.03	21.87		
15	16QAM	1	0	21.91	22.02	21.93		
15	16QAM	1	37	21.73	21.92	21.85	22.7	0
15	16QAM	1	74	21.80	21.97	21.89		
15	16QAM	36	0	21.93	21.99	21.90		
15	16QAM	36	20	21.93	21.86	21.86	22.7	0
15	16QAM	36	39	22.00	21.89	21.96		
15	16QAM	75	0	21.68	21.97	21.74		
15	64QAM	1	0	21.92	21.97	21.90		
15	64QAM	1	37	21.86	21.85	21.90	22.7	0
15	64QAM	1	74	21.82	21.97	21.91		
15	64QAM	36	0	21.94	22.00	21.97		
15	64QAM	36	20	21.83	21.88	21.86	22.7	0
15	64QAM	36	39	21.97	21.93	21.84		
15	64QAM	75	0	21.84	21.90	21.79		
15	256QAM	1	0	19.92	20.10	19.98		
15	256QAM	1	37	19.85	19.93	19.95	20.7	2
15	256QAM	1	74	19.88	19.91	19.96		
15	256QAM	36	0	20.06	19.99	20.03		
15	256QAM	36	20	20.00	19.88	19.93	20.7	2
15	256QAM	36	39	20.01	19.95	19.92		
15	256QAM	75	0	19.95	20.07	19.87		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.94	22.11	21.89		
10	QPSK	1	25	21.88	21.93	21.93	22.7	0
10	QPSK	1	49	21.85	21.95	21.98		
10	QPSK	25	0	22.03	22.00	22.05		
10	QPSK	25	12	21.94	21.97	21.87	22.7	0
10	QPSK	25	25	22.05	21.95	21.94		
10	QPSK	50	0	21.88	22.02	21.85		
10	16QAM	1	0	21.96	22.07	21.83		
10	16QAM	1	25	21.81	21.94	21.87	22.7	0
10	16QAM	1	49	21.83	21.94	21.86		
10	16QAM	25	0	21.98	21.97	21.93		
10	16QAM	25	12	21.85	21.91	21.94	22.7	0
10	16QAM	25	25	21.99	21.91	21.89		
10	16QAM	50	0	21.87	21.97	21.75		
10	64QAM	1	0	21.89	22.02	21.89		
10	64QAM	1	25	21.83	21.84	21.86	22.7	0
10	64QAM	1	49	21.77	21.96	21.82		
10	64QAM	25	0	21.88	21.91	21.98		
10	64QAM	25	12	21.85	21.92	21.85	22.7	0
10	64QAM	25	25	21.90	21.86	21.85		
10	64QAM	50	0	21.87	21.87	21.79		
10	256QAM	1	0	19.98	20.07	19.98		
10	256QAM	1	25	19.90	19.98	19.89	20.7	2
10	256QAM	1	49	19.90	19.96	19.95		
10	256QAM	25	0	20.03	20.03	20.09		
10	256QAM	25	12	19.98	19.92	19.99	20.7	2
10	256QAM	25	25	20.01	19.97	19.98		
10	256QAM	50	0	19.93	20.07	19.92		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.92	22.13	21.97		
5	QPSK	1	12	21.90	21.90	21.87	22.7	0
5	QPSK	1	24	21.92	21.95	21.96		
5	QPSK	12	0	22.02	22.02	22.02		
5	QPSK	12	7	21.95	22.00	21.88	22.7	0
5	QPSK	12	13	22.04	21.92	21.93		
5	QPSK	25	0	21.91	22.01	21.89		
5	16QAM	1	0	21.86	22.07	21.85		
5	16QAM	1	12	21.75	21.90	21.85	22.7	0
5	16QAM	1	24	21.81	21.98	21.92		
5	16QAM	12	0	21.98	21.99	21.99		
5	16QAM	12	7	21.85	21.83	21.79	22.7	0
5	16QAM	12	13	21.98	21.94	21.97		
5	16QAM	25	0	21.83	21.97	21.77		
5	64QAM	1	0	21.96	22.01	21.86		
5	64QAM	1	12	21.89	21.82	21.86	22.7	0
5	64QAM	1	24	21.78	21.92	21.88		
5	64QAM	12	0	21.97	21.95	21.94		
5	64QAM	12	7	21.86	21.91	21.88	22.7	0
5	64QAM	12	13	21.94	21.85	21.89		
5	64QAM	25	0	21.81	21.92	21.86		
5	256QAM	1	0	19.92	20.06	19.89		
5	256QAM	1	12	19.93	19.96	19.94	20.7	2
5	256QAM	1	24	19.88	19.91	19.87		
5	256QAM	12	0	20.04	20.07	20.03		
5	256QAM	12	7	19.94	19.93	19.89	20.7	2
5	256QAM	12	13	19.96	19.99	19.98		
5	256QAM	25	0	19.93	20.03	19.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2650		
20	QPSK	1	0	22.04	21.95	22.25	21.76	21.84		
20	QPSK	1	49	22.11	22.06	22.18	21.70	21.83	22.7	0
20	QPSK	1	99	22.17	22.00	22.17	21.73	21.69		
20	QPSK	50	0	22.16	22.02	22.22	21.70	21.83		
20	QPSK	50	24	22.16	22.04	22.21	21.65	21.73	22.7	0
20	QPSK	50	50	22.19	21.92	22.13	21.77	21.83		
20	QPSK	100	0	22.10	21.96	22.21	21.81	21.70		
20	16QAM	1	0	21.93	21.84	22.14	21.72	21.80		
20	16QAM	1	49	22.07	22.03	22.07	21.64	21.73	22.7	0
20	16QAM	1	99	22.08	21.89	22.13	21.67	21.64		
20	16QAM	50	0	22.10	21.91	22.11	21.67	21.78		
20	16QAM	50	24	22.06	21.93	22.13	21.61	21.63	22.7	0
20	16QAM	50	50	22.08	21.86	22.06	21.64	21.78		
20	16QAM	100	0	22.07	21.89	22.13	21.71	21.60		
20	64QAM	1	0	21.96	21.87	22.20	21.68	21.74		
20	64QAM	1	49	22.06	21.95	22.13	21.64	21.77	22.7	0
20	64QAM	1	99	22.04	21.92	22.07	21.62	21.58		
20	64QAM	50	0	22.10	21.92	22.13	21.60	21.77		
20	64QAM	50	24	22.12	21.99	22.16	21.56	21.64	22.7	0
20	64QAM	50	50	22.10	21.87	22.02	21.67	21.78		
20	64QAM	100	0	21.99	21.88	22.12	21.76	21.60		
20	256QAM	1	0	20.04	19.91	20.29	19.78	19.81		
20	256QAM	1	49	20.14	20.04	20.22	19.70	19.86	20.7	2
20	256QAM	1	99	20.19	20.00	20.15	19.70	19.73		
20	256QAM	50	0	20.20	20.01	20.23	19.68	19.80		
20	256QAM	50	24	20.13	20.00	20.21	19.61	19.70	20.7	2
20	256QAM	50	50	20.22	19.91	20.06	19.77	19.82		
20	256QAM	100	0	20.07	19.98	20.21	19.80	19.74		
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	22.02	21.90	22.14	21.66	21.76		
15	QPSK	1	37	22.04	22.05	22.15	21.68	21.81	23	0
15	QPSK	1	74	22.15	21.99	22.11	21.63	21.58		
15	QPSK	36	0	22.13	21.97	22.13	21.66	21.78		
15	QPSK	36	20	22.07	21.97	22.15	21.55	21.70	22.7	0
15	QPSK	36	39	22.17	21.81	22.09	21.68	21.79		
15	QPSK	75	0	22.02	21.88	22.13	21.73	21.66		
15	16QAM	1	0	21.85	21.75	22.08	21.66	21.77		
15	16QAM	1	37	21.97	21.99	21.97	21.58	21.67	22.7	0
15	16QAM	1	74	22.05	21.78	22.10	21.64	21.59		
15	16QAM	36	0	22.02	21.82	22.05	21.66	21.75		
15	16QAM	36	20	22.01	21.86	22.02	21.60	21.55	22.7	0
15	16QAM	36	39	21.98	21.78	21.98	21.56	21.76		
15	16QAM	75	0	22.04	21.83	22.07	21.64	21.52		
15	64QAM	1	0	21.88	21.85	22.12	21.65	21.73		
15	64QAM	1	37	21.97	21.85	22.11	21.63	21.75	22.7	0
15	64QAM	1	74	21.98	21.82	21.99	21.54	21.54		
15	64QAM	36	0	22.06	21.83	22.04	21.58	21.72		
15	64QAM	36	20	22.03	21.93	22.08	21.54	21.62	22.7	0
15	64QAM	36	39	22.09	21.79	21.95	21.60	21.68		
15	64QAM	75	0	21.93	21.78	22.08	21.72	21.52		
15	256QAM	1	0	19.95	19.85	20.21	19.77	19.79		
15	256QAM	1	37	20.13	19.99	20.19	19.66	19.83	20.7	2
15	256QAM	1	74	20.11	19.96	20.11	19.67	19.68		
15	256QAM	36	0	20.11	19.91	20.14	19.63	19.75		
15	256QAM	36	20	20.03	19.99	20.19	19.55	19.61	20.7	2
15	256QAM	36	39	20.15	19.90	20.00	19.72	19.78		
15	256QAM	75	0	20.04	19.94	20.11	19.79	19.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.99	21.94	22.15	21.69	21.81		
10	QPSK	1	25	22.05	22.03	22.07	21.63	21.78	23	0
10	QPSK	1	49	22.16	21.91	22.15	21.68	21.63		
10	QPSK	25	0	22.10	21.91	22.13	21.69	21.73		
10	QPSK	25	12	22.13	21.95	22.14	21.59	21.70	22.7	0
10	QPSK	25	25	22.16	21.89	22.05	21.70	21.79		
10	QPSK	50	0	22.07	21.92	22.10	21.77	21.66		
10	16QAM	1	0	21.82	21.80	22.10	21.70	21.73		
10	16QAM	1	25	22.05	21.97	22.00	21.55	21.66	22.7	0
10	16QAM	1	49	22.03	21.84	22.05	21.63	21.55		
10	16QAM	25	0	22.05	21.82	22.07	21.65	21.71		
10	16QAM	25	12	22.00	21.87	22.06	21.51	21.67	22.7	0
10	16QAM	25	25	21.99	21.77	21.98	21.57	21.75		
10	16QAM	50	0	22.05	21.87	22.11	21.63	21.54		
10	64QAM	1	0	21.87	21.77	22.15	21.61	21.71		
10	64QAM	1	25	22.04	21.89	22.07	21.66	21.76	22.7	0
10	64QAM	1	49	22.02	21.81	21.99	21.57	21.55		
10	64QAM	25	0	22.07	21.89	22.06	21.54	21.75		
10	64QAM	25	12	22.08	21.89	22.13	21.45	21.61	22.7	0
10	64QAM	25	25	22.02	21.79	21.94	21.66	21.78		
10	64QAM	50	0	21.93	21.81	22.05	21.74	21.59		
10	256QAM	1	0	20.03	19.82	20.21	19.71	19.76		
10	256QAM	1	25	20.11	19.94	20.11	19.61	19.79	20.7	2
10	256QAM	1	49	20.16	19.91	20.06	19.67	19.69		
10	256QAM	25	0	20.09	19.91	20.13	19.66	19.73		
10	256QAM	25	12	20.04	19.96	20.11	19.56	19.61	20.7	2
10	256QAM	25	25	20.19	19.90	19.98	19.69	19.80		
10	256QAM	50	0	20.06	19.94	20.11	19.78	19.70		
Channel				39675	40135	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.5	2593	2640.30	2687.5		
5	QPSK	1	0	21.99	21.92	22.15	21.72	21.78		
5	QPSK	1	12	22.01	21.96	22.14	21.66	21.73	23	0
5	QPSK	1	24	22.14	21.95	22.16	21.66	21.67		
5	QPSK	12	0	22.12	21.99	22.19	21.61	21.73		
5	QPSK	12	7	22.12	21.98	22.12	21.59	21.71	22.7	0
5	QPSK	12	13	22.16	21.90	22.06	21.75	21.77		
5	QPSK	25	0	22.08	21.94	22.13	21.79	21.68		
5	16QAM	1	0	21.83	21.78	22.06	21.67	21.77		
5	16QAM	1	12	22.04	21.92	22.01	21.57	21.63	22.7	0
5	16QAM	1	24	21.91	21.81	22.01	21.62	21.59		
5	16QAM	12	0	22.06	21.81	22.00	21.60	21.74		
5	16QAM	12	7	22.03	21.89	22.06	21.55	21.60	22.7	0
5	16QAM	12	13	21.99	21.83	22.04	21.54	21.72		
5	16QAM	25	0	22.05	21.83	22.08	21.66	21.52		
5	64QAM	1	0	21.88	21.81	22.13	21.62	21.72		
5	64QAM	1	12	21.97	21.84	22.09	21.57	21.68	22.7	0
5	64QAM	1	24	22.01	21.90	22.05	21.55	21.50		
5	64QAM	12	0	22.07	21.89	22.09	21.52	21.67		
5	64QAM	12	7	22.10	21.96	22.05	21.51	21.55	22.7	0
5	64QAM	12	13	22.01	21.85	22.00	21.62	21.70		
5	64QAM	25	0	21.95	21.85	22.11	21.71	21.49		
5	256QAM	1	0	19.93	19.86	20.27	19.76	19.73		
5	256QAM	1	12	20.06	19.96	20.17	19.62	19.75	20.7	2
5	256QAM	1	24	20.17	19.97	20.08	19.60	19.69		
5	256QAM	12	0	20.10	19.95	20.16	19.65	19.69		
5	256QAM	12	7	20.12	19.90	20.12	19.51	19.62	20.7	2
5	256QAM	12	13	20.14	19.82	20.01	19.74	19.73		
5	256QAM	25	0	19.98	19.90	20.18	19.69	19.72		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.14	21.41	21.13		
20	QPSK	1	49	21.22	21.34	21.16	23	0
20	QPSK	1	99	21.22	21.33	21.08		
20	QPSK	50	0	21.06	21.16	21.08		
20	QPSK	50	24	21.00	21.15	21.02	22.5	0.5
20	QPSK	50	50	21.05	21.10	21.06		
20	QPSK	100	0	21.09	21.14	21.12		
20	16QAM	1	0	21.03	21.40	21.11		
20	16QAM	1	49	21.19	21.31	21.13	22.5	0.5
20	16QAM	1	99	21.13	21.26	21.07		
20	16QAM	50	0	20.10	20.20	20.10		
20	16QAM	50	24	19.98	20.18	19.98	21.5	1.5
20	16QAM	50	50	20.05	20.11	20.05		
20	16QAM	100	0	20.02	20.17	20.13		
20	64QAM	1	0	19.96	20.13	20.00		
20	64QAM	1	49	20.06	20.11	20.09	21.5	1.5
20	64QAM	1	99	20.08	20.17	20.15		
20	64QAM	50	0	19.12	19.15	19.12		
20	64QAM	50	24	19.03	19.22	19.01	20.5	2.5
20	64QAM	50	50	19.05	19.13	19.03		
20	64QAM	100	0	19.01	19.19	19.14		
20	256QAM	1	0	17.10	17.15	17.09		
20	256QAM	1	49	17.02	17.12	17.02	18.5	4.5
20	256QAM	1	99	17.09	17.13	17.05		
20	256QAM	50	0	17.09	17.10	17.09		
20	256QAM	50	24	17.07	17.44	17.08	18.5	4.5
20	256QAM	50	50	17.21	17.34	17.09		
20	256QAM	100	0	17.10	17.30	17.07		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.04	21.31	21.04		
15	QPSK	1	37	21.15	21.23	21.06	23	0
15	QPSK	1	74	21.20	21.28	21.03		
15	QPSK	36	0	21.03	21.07	20.98		
15	QPSK	36	20	20.96	21.05	20.99	22.5	0.5
15	QPSK	36	39	21.01	21.05	21.01		
15	QPSK	75	0	21.00	21.05	21.03		
15	16QAM	1	0	20.97	21.35	21.05		
15	16QAM	1	37	21.12	21.23	21.03	22.5	0.5
15	16QAM	1	74	21.07	21.25	21.04		
15	16QAM	36	0	20.04	20.12	20.07		
15	16QAM	36	20	19.94	20.09	19.92	21.5	1.5
15	16QAM	36	39	19.98	20.01	19.98		
15	16QAM	75	0	19.93	20.14	20.03		
15	64QAM	1	0	19.94	20.11	19.95		
15	64QAM	1	37	20.00	20.03	20.01	21.5	1.5
15	64QAM	1	74	20.01	20.15	20.11		
15	64QAM	36	0	19.04	19.09	19.08		
15	64QAM	36	20	18.97	19.14	18.96	20.5	2.5
15	64QAM	36	39	18.98	19.10	19.01		
15	64QAM	75	0	18.95	19.15	19.09		
15	256QAM	1	0	17.05	17.06	17.01		
15	256QAM	1	37	16.95	17.08	16.99	18.5	4.5
15	256QAM	1	74	16.99	17.08	17.03		
15	256QAM	36	0	17.00	17.06	17.01		
15	256QAM	36	20	17.05	17.36	17.05	18.5	4.5
15	256QAM	36	39	17.12	17.25	17.00		
15	256QAM	75	0	17.03	17.25	17.04		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.09	21.36	21.02		
10	QPSK	1	25	21.15	21.30	21.10	23	0
10	QPSK	1	49	21.17	21.32	21.01		
10	QPSK	25	0	20.97	21.06	20.99		
10	QPSK	25	12	20.89	21.13	20.97	22.5	0.5
10	QPSK	25	25	21.04	21.06	20.99		
10	QPSK	50	0	20.99	21.10	21.05		
10	16QAM	1	0	21.00	21.30	21.08		
10	16QAM	1	25	21.16	21.27	21.03	22.5	0.5
10	16QAM	1	49	21.04	21.17	20.96		
10	16QAM	25	0	20.01	20.16	20.01		
10	16QAM	25	12	19.96	20.08	19.93	21.5	1.5
10	16QAM	25	25	19.97	20.06	19.98		
10	16QAM	50	0	19.98	20.10	20.05		
10	64QAM	1	0	19.86	20.10	19.96		
10	64QAM	1	25	19.99	20.00	20.07	21.5	1.5
10	64QAM	1	49	20.00	20.13	20.13		
10	64QAM	25	0	19.07	19.07	19.10		
10	64QAM	25	12	18.93	19.21	18.96	20.5	2.5
10	64QAM	25	25	19.01	19.10	18.94		
10	64QAM	50	0	18.92	19.13	19.05		
10	256QAM	1	0	17.00	17.10	17.06		
10	256QAM	1	25	16.92	17.11	16.92	18.5	4.5
10	256QAM	1	49	17.06	17.07	17.03		
10	256QAM	25	0	17.06	17.02	17.04		
10	256QAM	25	12	16.98	17.37	17.02	18.5	4.5
10	256QAM	25	25	17.10	17.26	17.00		
10	256QAM	50	0	17.03	17.29	16.97		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.11	21.37	21.05		
5	QPSK	1	12	21.18	21.26	21.10	23	0
5	QPSK	1	24	21.11	21.23	21.05		
5	QPSK	12	0	20.98	21.07	21.03		
5	QPSK	12	7	20.94	21.14	20.97	22.5	0.5
5	QPSK	12	13	20.98	21.08	20.99		
5	QPSK	25

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.05	22.19	22.01	22.15	23.8	0
20	QPSK	1	49	22.09	22.17	22.12	22.15		
20	QPSK	1	99	22.09	22.15	22.09	22.10		
20	QPSK	50	0	21.13	21.31	21.12	21.16	22.8	1
20	QPSK	50	24	21.08	21.23	21.11	21.12		
20	QPSK	50	50	21.08	21.16	21.07	21.12		
20	QPSK	100	0	21.00	21.07	20.97	20.97		
20	16QAM	1	0	21.04	21.12	21.08	21.06	22.8	1
20	16QAM	1	49	21.11	21.14	21.03	21.08		
20	16QAM	1	99	21.17	21.19	21.17	21.17		
20	16QAM	50	0	20.14	20.22	20.16	20.16	21.8	2
20	16QAM	50	24	20.12	20.16	20.05	20.15		
20	16QAM	50	50	20.19	20.23	20.17	20.13		
20	16QAM	100	0	20.17	20.18	20.13	20.10		
20	64QAM	1	0	20.08	20.18	20.10	20.15	21.8	2
20	64QAM	1	49	20.22	20.24	20.14	20.20		
20	64QAM	1	99	20.18	20.21	20.14	20.14		
20	64QAM	50	0	19.18	19.24	19.15	19.14	20.8	3
20	64QAM	50	24	19.08	19.17	19.13	19.10		
20	64QAM	50	50	19.12	19.17	19.09	19.06		
20	64QAM	100	0	19.09	19.18	19.14	19.12		
20	256QAM	1	0	17.17	17.23	17.17	17.14	18.8	5
20	256QAM	1	49	17.16	17.21	17.11	17.12		
20	256QAM	1	99	17.14	17.22	17.12	17.11		
20	256QAM	50	0	17.15	17.18	17.09	17.11	18.8	5
20	256QAM	50	24	17.18	17.20	17.19	17.19		
20	256QAM	50	50	17.10	17.15	17.06	17.13		
20	256QAM	100	0	17.10	17.16	17.12	17.13		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.97	22.12	21.93	22.10	23.8	0
15	QPSK	1	37	22.00	22.06	22.03	22.12		
15	QPSK	1	74	22.02	22.09	22.05	22.04		
15	QPSK	36	0	21.03	21.12	21.06	21.12	22.8	1
15	QPSK	36	20	21.07	21.13	21.06	21.04		
15	QPSK	36	39	20.98	21.05	21.03	21.07		
15	QPSK	75	0	20.99	21.00	20.91	20.89		
15	16QAM	1	0	20.97	21.03	21.01	21.00	22.8	1
15	16QAM	1	37	21.06	21.03	20.93	20.98		
15	16QAM	1	74	21.15	21.11	21.06	21.14		
15	16QAM	36	0	20.05	20.20	20.10	20.10	21.8	2
15	16QAM	36	20	20.09	20.14	19.95	20.07		
15	16QAM	36	39	20.09	20.21	20.12	20.06		
15	16QAM	75	0	20.06	20.16	20.10	20.05		
15	64QAM	1	0	20.01	20.08	20.08	20.10	21.8	2
15	64QAM	1	37	20.12	20.18	20.09	20.15		
15	64QAM	1	74	20.11	20.19	20.12	20.05		
15	64QAM	36	0	19.11	19.17	19.11	19.10	20.8	3
15	64QAM	36	20	19.02	19.11	19.10	19.03		
15	64QAM	36	39	19.02	19.08	19.06	19.04		
15	64QAM	75	0	18.99	19.13	19.12	19.04		
15	256QAM	1	0	17.16	17.17	17.09	17.07	18.8	5
15	256QAM	1	37	17.09	17.13	17.08	17.02		
15	256QAM	1	74	17.04	17.16	17.02	17.08		
15	256QAM	36	0	17.12	17.11	16.98	17.04	18.8	5
15	256QAM	36	20	17.09	17.13	17.16	17.15		
15	256QAM	36	39	17.07	17.05	17.03	17.05		
15	256QAM	75	0	17.07	17.13	17.05	17.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.99	22.15	21.95	22.11	23.8	0
10	QPSK	1	25	22.05	22.11	22.10	22.10		
10	QPSK	1	49	22.05	22.12	22.02	22.04		
10	QPSK	25	0	21.03	21.14	21.05	21.08	22.8	1
10	QPSK	25	12	21.06	21.11	21.08	21.08		
10	QPSK	25	25	20.99	21.14	20.98	21.03		
10	QPSK	50	0	20.98	20.96	20.94	20.96		
10	16QAM	1	0	21.01	21.04	20.97	20.96	22.8	1
10	16QAM	1	25	21.01	21.05	20.94	20.98		
10	16QAM	1	49	21.14	21.16	21.09	21.07		
10	16QAM	25	0	20.04	20.16	20.08	20.13	21.8	2
10	16QAM	25	12	20.04	20.05	19.96	20.06		
10	16QAM	25	25	20.12	20.21	20.09	20.08		
10	16QAM	50	0	20.15	20.13	20.02	20.00		
10	64QAM	1	0	20.01	20.13	20.08	20.14	21.8	2
10	64QAM	1	25	20.18	20.15	20.08	20.09		
10	64QAM	1	49	20.08	20.12	20.06	20.10		
10	64QAM	25	0	19.07	19.22	19.13	19.06	20.8	3
10	64QAM	25	12	19.03	19.06	19.09	19.00		
10	64QAM	25	25	19.11	19.06	19.03	18.98		
10	64QAM	50	0	19.04	19.12	19.05	19.11		
10	256QAM	1	0	17.10	17.17	17.12	17.06	18.8	5
10	256QAM	1	25	17.07	17.16	17.08	17.11		
10	256QAM	1	49	17.10	17.21	17.07	17.05		
10	256QAM	25	0	17.08	17.14	17.03	17.04	18.8	5
10	256QAM	25	12	17.17	17.10	17.12	17.16		
10	256QAM	25	25	17.02	17.04	17.01	17.06		
10	256QAM	50	0	17.01	17.06	17.09	17.09		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.98	22.10	21.91	22.12	23.8	0
5	QPSK	1	12	22.06	22.15	22.09	22.10		
5	QPSK	1	24	22.07	22.06	22.06	22.05		
5	QPSK	12	0	21.03	21.15	21.06	21.08	22.8	1
5	QPSK	12	7	20.98	21.13	21.00	21.04		
5	QPSK	12	13	20.97	21.13	20.99	21.01		
5	QPSK	25	0	20.93	21.01	20.95	20.88		
5	16QAM	1	0	20.94	21.03	20.99	20.99	22.8	1
5	16QAM	1	12	21.01	21.09	20.95	21.06		
5	16QAM	1	24	21.13	21.14	21.11	21.07		
5	16QAM	12	0	20.03	20.18	20.08	20.10	21.8	2
5	16QAM	12	7	20.03	20.06	19.99	20.11		
5	16QAM	12	13	20.08	20.18	20.15	20.03		
5	16QAM	25	0	20.09	20.08	20.10	20.00		
5	64QAM	1	0	20.02	20.13	20.06	20.07	21.8	2
5	64QAM	1	12	20.20	20.21	20.08	20.10		
5	64QAM	1	24	20.10	20.11	20.04	20.08		
5	64QAM	12	0	19.12	19.21	19.07	19.08	20.8	3
5	64QAM	12	7	19.02	19.11	19.04	19.03		
5	64QAM	12	13	19.10	19.08	19.06	19.02		
5	64QAM	25	0	19.07	19.08	19.08	19.03		
5	256QAM	1	0	17.12	17.13	17.07	17.09	18.8	5
5	256QAM	1	12	17.09	17.18	17.08	17.08		
5	256QAM	1	24	17.10	17.18	17.07	17.08		
5	256QAM	12	0	17.06	17.09	17.07	17.01	18.8	5
5	256QAM	12	7	17.09	17.15	17.11	17.09		
5	256QAM	12	13	17.03	17.09	17.02	17.10		
5	256QAM	25	0	17.06	17.11	17.11	17.03		

	GSM1900 Ant5 DS1							
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	28.02	28.20	28.32	27.50	17.02	17.20	17.32	18.50
GPRS 1 Tx slot	26.24	26.28	26.18	27.50	17.24	17.28	17.18	18.50
GPRS 2 Tx slots	23.03	23.15	23.00	24.50	17.03	17.15	17.00	18.50
GPRS 3 Tx slots	21.09	21.11	21.13	22.70	16.83	16.85	16.87	18.44
GPRS 4 Tx slots	19.58	19.65	19.61	21.50	16.58	16.65	16.61	18.50
EDGE 1 Tx slot	24.35	24.39	24.35	25.50	15.35	15.39	15.35	16.50
EDGE 2 Tx slots	21.93	22.01	21.99	22.50	15.93	16.01	15.99	16.50
EDGE 3 Tx slots	20.19	20.27	20.19	20.70	15.93	16.01	15.93	16.44
EDGE 4 Tx slots	18.75	18.83	18.77	19.50	15.75	15.83	15.77	16.50

		WCDMA II Ant5 DS1				WCDMA IV Ant5 DS1			
Band		WCDMA II				WCDMA IV			
TX Channel		9262	9400	9538	Tune-up Limit (dBm)	1312	1413	1513	Tune-up Limit (dBm)
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1312.6	
3GPP Rel 99	AMR 12.2Kbps	17.47	17.56	17.44	18.50	17.52	17.59	17.47	18.50
3GPP Rel 99	RMC 12.2Kbps	17.58	17.64	17.46	18.50	17.61	17.66	17.52	18.50
3GPP Rel 6	HSDPA Subtest-1	16.27	16.70	16.34	17.50	16.16	16.62	16.24	17.50
3GPP Rel 6	HSDPA Subtest-2	16.31	16.51	16.38	17.50	16.22	16.46	16.28	17.50
3GPP Rel 6	HSDPA Subtest-3	15.79	15.98	15.93	17.00	15.74	15.85	15.86	17.00
3GPP Rel 6	HSDPA Subtest-4	15.92	15.78	15.79	17.00	15.82	15.69	15.69	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.31	16.47	16.28	17.50	16.25	16.39	16.17	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.21	16.38	16.49	17.50	16.08	16.32	16.36	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.03	16.01	15.87	17.00	15.99	15.82	15.78	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.98	15.76	15.83	17.00	15.79	15.72	15.71	17.00
3GPP Rel 6	HSUPA Subtest-1	16.60	16.66	16.46	17.50	16.48	16.56	16.39	17.50
3GPP Rel 6	HSUPA Subtest-2	14.69	14.63	14.85	15.50	14.35	14.32	14.52	15.50
3GPP Rel 6	HSUPA Subtest-3	15.30	15.44	15.40	16.50	15.23	15.26	15.33	16.50
3GPP Rel 6	HSUPA Subtest-4	14.67	14.57	14.90	15.50	14.16	14.41	14.16	15.50
3GPP Rel 6	HSUPA Subtest-5	16.41	16.58	16.36	17.50	16.29	16.52	16.23	17.50
3GPP Rel 7	HSPA+ (16QAM) Subtest5	14.70	14.61	14.83	15.00	13.91	13.99	13.75	15.00

Band 2 Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.34	17.63	17.37	18.5	0
20	QPSK	1	49	17.26	17.42	17.37		
20	QPSK	1	99	17.44	17.57	17.42		
20	QPSK	50	0	17.35	17.56	17.43	18.5	0
20	QPSK	50	24	17.39	17.52	17.38		
20	QPSK	50	50	17.40	17.51	17.33		
20	QPSK	100	0	17.34	17.48	17.46		
20	16QAM	1	0	17.33	17.62	17.28	18.5	0
20	16QAM	1	49	17.15	17.41	17.35		
20	16QAM	1	99	17.43	17.47	17.33		
20	16QAM	50	0	17.26	17.52	17.32	18.5	0
20	16QAM	50	24	17.33	17.44	17.29		
20	16QAM	50	50	17.29	17.43	17.25		
20	16QAM	100	0	17.30	17.42	17.40		
20	64QAM	1	0	17.29	17.58	17.28	18.5	0
20	64QAM	1	49	17.15	17.34	17.26		
20	64QAM	1	99	17.42	17.51	17.40		
20	64QAM	50	0	17.29	17.47	17.40	18.5	0
20	64QAM	50	24	17.28	17.43	17.36		
20	64QAM	50	50	17.35	17.40	17.23		
20	64QAM	100	0	17.32	17.44	17.42		
20	256QAM	1	0	17.26	17.57	17.34	18.5	0
20	256QAM	1	49	17.17	17.35	17.32		
20	256QAM	1	99	17.36	17.52	17.33		
20	256QAM	50	0	17.32	17.51	17.41	18.5	0
20	256QAM	50	24	17.33	17.42	17.30		
20	256QAM	50	50	17.32	17.41	17.22		
20	256QAM	100	0	17.29	17.43	17.38		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.31	17.55	17.33	18.5	0
15	QPSK	1	37	17.21	17.40	17.26		
15	QPSK	1	74	17.36	17.50	17.38		
15	QPSK	36	0	17.33	17.49	17.33	18.5	0
15	QPSK	36	20	17.38	17.42	17.30		
15	QPSK	36	39	17.32	17.47	17.30		
15	QPSK	75	0	17.25	17.42	17.43		
15	16QAM	1	0	17.28	17.53	17.25	18.5	0
15	16QAM	1	37	17.05	17.36	17.31		
15	16QAM	1	74	17.36	17.46	17.24		
15	16QAM	36	0	17.18	17.48	17.23	18.5	0
15	16QAM	36	20	17.26	17.40	17.26		
15	16QAM	36	39	17.19	17.32	17.17		
15	16QAM	75	0	17.21	17.34	17.33		
15	64QAM	1	0	17.24	17.53	17.17	18.5	0
15	64QAM	1	37	17.12	17.23	17.18		
15	64QAM	1	74	17.33	17.50	17.31		
15	64QAM	36	0	17.21	17.44	17.31	18.5	0
15	64QAM	36	20	17.17	17.38	17.33		
15	64QAM	36	39	17.26	17.35	17.14		
15	64QAM	75	0	17.25	17.36	17.39		
15	256QAM	1	0	17.19	17.53	17.28	18.5	0
15	256QAM	1	37	17.13	17.31	17.30		
15	256QAM	1	74	17.29	17.42	17.28		
15	256QAM	36	0	17.26	17.46	17.38	18.5	0
15	256QAM	36	20	17.26	17.41	17.26		
15	256QAM	36	39	17.27	17.31	17.12		
15	256QAM	75	0	17.22	17.36	17.35		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.24	17.57	17.29	18.5	0
10	QPSK	1	25	17.16	17.37	17.32		
10	QPSK	1	49	17.41	17.54	17.36		
10	QPSK	25	0	17.29	17.52	17.34	18.5	0
10	QPSK	25	12	17.32	17.51	17.33		
10	QPSK	25	25	17.34	17.49	17.31		
10	QPSK	50	0	17.30	17.44	17.43		
10	16QAM	1	0	17.25	17.52	17.26	18.5	0
10	16QAM	1	25	17.05	17.38	17.32		
10	16QAM	1	49	17.33	17.44	17.25		
10	16QAM	25	0	17.23	17.44	17.26	18.5	0
10	16QAM	25	12	17.27	17.40	17.27		
10	16QAM	25	25	17.23	17.33	17.16		
10	16QAM	50	0	17.29	17.38	17.34		
10	64QAM	1	0	17.21	17.51	17.21	18.5	0
10	64QAM	1	25	17.08	17.24	17.17		
10	64QAM	1	49	17.38	17.40	17.34		
10	64QAM	25	0	17.25	17.38	17.31	18.5	0
10	64QAM	25	12	17.26	17.37	17.28		
10	64QAM	25	25	17.26	17.37	17.15		
10	64QAM	50	0	17.22	17.41	17.32		
10	256QAM	1	0	17.19	17.47	17.31	18.5	0
10	256QAM	1	25	17.07	17.29	17.23		
10	256QAM	1	49	17.25	17.42	17.26		
10	256QAM	25	0	17.24	17.42	17.30	18.5	0
10	256QAM	25	12	17.30	17.34	17.25		
10	256QAM	25	25	17.29	17.32	17.15		
10	256QAM	50	0	17.19	17.39	17.31		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.31	17.58	17.30	18.5	0
5	QPSK	1	12	17.19	17.32	17.34		
5	QPSK	1	24	17.43	17.54	17.36		
5	QPSK	12	0	17.28	17.54	17.37	18.5	0
5	QPSK	12	7	17.33	17.47	17.29		
5	QPSK	12	13	17.32	17.43	17.27		
5	QPSK	25	0	17.32	17.38	17.37		
5	16QAM	1	0	17.26	17.59	17.22	18.5	0
5	16QAM	1	12	17.13	17.36	17.32		
5	16QAM	1	24	17.38	17.37	17.27		
5	16QAM	12	0	17.17	17.45	17.29	18.5	0
5	16QAM	12	7	17.27	17.37	17.22		
5	16QAM	12	13	17.23	17.35	17.17		
5	16QAM	25	0	17.21	17.34	17.39		
5	64QAM	1	0	17.21	17.49	17.27	18.5	0
5	64QAM	1	12	17.12	17.26	17.16		
5	64QAM	1	24	17.34	17.48	17.34		
5	64QAM	12	0	17.22	17.40	17.33	18.5	0
5	64QAM	12	7	17.21	17.33	17.32		
5	64QAM	12	13	17.27	17.37	17.14		
5	64QAM	25	0	17.22	17.43	17.32		
5	256QAM	1	0	17.18	17.54	17.31	18.5	0
5	256QAM	1	12	17.11	17.29	17.29		
5	256QAM	1	24	17.30	17.50	17.26		
5	256QAM	12	0	17.21	17.50	17.31	18.5	0
5	256QAM	12	7	17.25	17.36	17.22		
5	256QAM	12	13	17.24	17.38	17.11		
5	256QAM	25	0	17.23	17.41	17.28		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.32	17.53	17.27	18.5	0
3	QPSK	1	8	17.25	17.41	17.35		
3	QPSK	1	14	17.33	17.48	17.33		
3	QPSK	8	0	17.27	17.54	17.37	18.5	0
3	QPSK	8	4	17.32	17.48	17.28		
3	QPSK	8	7	17.38	17.42	17.25		
3	QPSK	15	0	17.30	17.42	17.37		
3	16QAM	1	0	17.24	17.52	17.27	18.5	0
3	16QAM	1	8	17.09	17.34	17.34		
3	16QAM	1	14	17.39	17.40	17.28		
3	16QAM	8	0	17.24	17.42	17.25	18.5	0
3	16QAM	8	4	17.30	17.36	17.26		
3	16QAM	8	7	17.26	17.37	17.16		
3	16QAM	15	0	17.25	17.40	17.35		
3	64QAM	1	0	17.23	17.56	17.24	18.5	0
3	64QAM	1	8	17.07	17.32	17.17		
3	64QAM	1	14	17.37	17.40	17.35		
3	64QAM	8	0	17.20	17.45	17.36	18.5	0
3	64QAM	8	4	17.20	17.33	17.25		
3	64QAM	8	7	17.24	17.34	17.16		
3	64QAM	15	0	17.25	17.38	17.33		
3	256QAM	1	0	17.19	17.49	17.28	18.5	0
3	256QAM	1	8	17.08	17.31	17.30		
3	256QAM	1	14	17.35	17.50	17.24		
3	256QAM	8	0	17.27	17.46	17.30	18.5	0
3	256QAM	8	4	17.22	17.37	17.20		
3	256QAM	8	7	17.23	17.40	17.12		
3	256QAM	15	0	17.26	17.36	17.34		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.32	17.58	17.27	18.5	0
1.4	QPSK	1	3	17.16	17.41	17.28		
1.4	QPSK	1	5	17.34	17.50	17.35		
1.4	QPSK	3	0	17.31	17.51	17.40		
1.4	QPSK	3	1	17.34	17.47	17.28		
1.4	QPSK	3	3	17.30	17.43	17.27		
1.4	QPSK	6	0	17.24	17.44	17.38	18.5	0
1.4	16QAM	1	0	17.24	17.54	17.25	18.5	0
1.4	16QAM	1	3	17.12	17.36	17.34		
1.4	16QAM	1	5	17.36	17.45	17.22		
1.4	16QAM	3	0	17.22	17.45	17.22		
1.4	16QAM	3	1	17.22	17.41	17.28		
1.4	16QAM	3	3	17.23	17.33	17.17		
1.4	16QAM	6	0	17.29	17.33	17.32	18.5	0
1.4	64QAM	1	0	17.26	17.55	17.22	18.5	0
1.4	64QAM	1	3	17.13	17.29	17.21		
1.4	64QAM	1	5	17.38	17.48	17.33		
1.4	64QAM	3	0	17.28	17.40	17.34		
1.4	64QAM	3	1	17.26	17.33	17.27		
1.4	64QAM	3	3	17.28	17.35	17.13		
1.4	64QAM	6	0	17.30	17.35	17.33	18.5	0
1.4	256QAM	1	0	17.18	17.49	17.30	18.5	0
1.4	256QAM	1	3	17.15	17.29	17.22		
1.4	256QAM	1	5	17.28	17.47	17.31		
1.4	256QAM	3	0	17.29	17.45	17.30		
1.4	256QAM	3	1	17.26	17.34	17.22		
1.4	256QAM	3	3	17.23	17.36	17.18		
1.4	256QAM	6	0	17.19	17.40	17.35	18.5	0

Band 4 Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.68	16.89	16.66	17.7	0
20	QPSK	1	49	16.65	16.81	16.80		
20	QPSK	1	99	16.61	16.82	16.68		
20	QPSK	50	0	16.58	16.79	16.72	17.7	0
20	QPSK	50	24	16.60	16.77	16.74		
20	QPSK	50	50	16.61	16.72	16.75		
20	QPSK	100	0	16.57	16.82	16.74		
20	16QAM	1	0	16.66	16.79	16.64	17.7	0
20	16QAM	1	49	16.63	16.77	16.71		
20	16QAM	1	99	16.55	16.78	16.63		
20	16QAM	50	0	16.49	16.73	16.70	17.7	0
20	16QAM	50	24	16.51	16.73	16.71		
20	16QAM	50	50	16.57	16.64	16.70		
20	16QAM	100	0	16.52	16.72	16.64		
20	64QAM	1	0	16.59	16.85	16.64	17.7	0
20	64QAM	1	49	16.63	16.74	16.72		
20	64QAM	1	99	16.51	16.81	16.58		
20	64QAM	50	0	16.47	16.69	16.68	17.7	0
20	64QAM	50	24	16.57	16.68	16.63		
20	64QAM	50	50	16.53	16.70	16.72		
20	64QAM	100	0	16.48	16.77	16.63		
20	256QAM	1	0	16.66	16.83	16.56	17.7	0
20	256QAM	1	49	16.64	16.74	16.76		
20	256QAM	1	99	16.54	16.73	16.61		
20	256QAM	50	0	16.50	16.74	16.68	17.7	0
20	256QAM	50	24	16.49	16.73	16.65		
20	256QAM	50	50	16.56	16.64	16.73		
20	256QAM	100	0	16.49	16.77	16.65		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.64	16.85	16.60	17.7	0
15	QPSK	1	37	16.61	16.72	16.75		
15	QPSK	1	74	16.54	16.75	16.62		
15	QPSK	36	0	16.54	16.69	16.68	17.7	0
15	QPSK	36	20	16.50	16.74	16.64		
15	QPSK	36	39	16.54	16.67	16.67		
15	QPSK	75	0	16.55	16.73	16.67		
15	16QAM	1	0	16.64	16.73	16.59	17.7	0
15	16QAM	1	37	16.59	16.67	16.65		
15	16QAM	1	74	16.47	16.75	16.62		
15	16QAM	36	0	16.43	16.64	16.67	17.7	0
15	16QAM	36	20	16.43	16.69	16.68		
15	16QAM	36	39	16.53	16.61	16.68		
15	16QAM	75	0	16.43	16.69	16.55		
15	64QAM	1	0	16.51	16.83	16.62	17.7	0
15	64QAM	1	37	16.59	16.68	16.63		
15	64QAM	1	74	16.46	16.77	16.49		
15	64QAM	36	0	16.40	16.60	16.65	17.7	0
15	64QAM	36	20	16.51	16.61	16.54		
15	64QAM	36	39	16.44	16.62	16.63		
15	64QAM	75	0	16.40	16.74	16.58		
15	256QAM	1	0	16.64	16.73	16.49	17.7	0
15	256QAM	1	37	16.61	16.72	16.74		
15	256QAM	1	74	16.49	16.70	16.55		
15	256QAM	36	0	16.45	16.72	16.59	17.7	0
15	256QAM	36	20	16.44	16.66	16.58		
15	256QAM	36	39	16.51	16.57	16.70		
15	256QAM	75	0	16.47	16.68	16.57		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.64	16.84	16.58	17.7	0
10	QPSK	1	25	16.55	16.75	16.76		
10	QPSK	1	49	16.50	16.81	16.59		
10	QPSK	25	0	16.53	16.72	16.70	17.7	0
10	QPSK	25	12	16.52	16.69	16.72		
10	QPSK	25	25	16.58	16.65	16.73		
10	QPSK	50	0	16.56	16.71	16.63		
10	16QAM	1	0	16.64	16.68	16.59	17.7	0
10	16QAM	1	25	16.58	16.69	16.68		
10	16QAM	1	49	16.50	16.67	16.60		
10	16QAM	25	0	16.42	16.69	16.66	17.7	0
10	16QAM	25	12	16.44	16.64	16.60		
10	16QAM	25	25	16.51	16.62	16.59		
10	16QAM	50	0	16.45	16.66	16.55		
10	64QAM	1	0	16.54	16.81	16.55	17.7	0
10	64QAM	1	25	16.55	16.71	16.65		
10	64QAM	1	49	16.40	16.76	16.50		
10	64QAM	25	0	16.43	16.67	16.64	17.7	0
10	64QAM	25	12	16.51	16.64	16.59		
10	64QAM	25	25	16.44	16.60	16.67		
10	64QAM	50	0	16.39	16.72	16.61		
10	256QAM	1	0	16.55	16.74	16.54	17.7	0
10	256QAM	1	25	16.54	16.69	16.74		
10	256QAM	1	49	16.46	16.66	16.51		
10	256QAM	25	0	16.46	16.72	16.63	17.7	0
10	256QAM	25	12	16.44	16.63	16.59		
10	256QAM	25	25	16.49	16.63	16.70		
10	256QAM	50	0	16.43	16.73	16.60		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.66	16.80	16.62	17.7	0
5	QPSK	1	12	16.62	16.74	16.71		
5	QPSK	1	24	16.53	16.76	16.59		
5	QPSK	12	0	16.55	16.69	16.68	17.7	0
5	QPSK	12	7	16.57	16.73	16.66		
5	QPSK	12	13	16.60	16.68	16.65		
5	QPSK	25	0	16.53	16.79	16.66		
5	16QAM	1	0	16.56	16.72	16.61	17.7	0
5	16QAM	1	12	16.59	16.67	16.61		
5	16QAM	1	24	16.50	16.71	16.58		
5	16QAM	12	0	16.47	16.70	16.64	17.7	0
5	16QAM	12	7	16.45	16.63	16.62		
5	16QAM	12	13	16.51	16.56	16.60		
5	16QAM	25	0	16.43	16.69	16.54		
5	64QAM	1	0	16.49	16.81	16.54	17.7	0
5	64QAM	1	12	16.53	16.69	16.70		
5	64QAM	1	24	16.45	16.72	16.52		
5	64QAM	12	0	16.44	16.61	16.59	17.7	0
5	64QAM	12	7	16.48	16.61	16.57		
5	64QAM	12	13	16.51	16.65	16.65		
5	64QAM	25	0	16.40	16.69	16.55		
5	256QAM	1	0	16.63	16.82	16.49	17.7	0
5	256QAM	1	12	16.56	16.69	16.70		
5	256QAM	1	24	16.49	16.70	16.60		
5	256QAM	12	0	16.46	16.69	16.59	17.7	0
5	256QAM	12	7	16.48	16.65	16.64		
5	256QAM	12	13	16.46	16.55	16.63		
5	256QAM	25	0	16.42	16.71	16.63		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.58	16.79	16.55	17.7	0
3	QPSK	1	8	16.61	16.76	16.71		
3	QPSK	1	14	16.53	16.77	16.64		
3	QPSK	8	0	16.50	16.74	16.64	17.7	0
3	QPSK	8	4	16.54	16.66	16.67		
3	QPSK	8	7	16.54	16.69	16.72		
3	QPSK	15	0	16.47	16.78	16.65		
3	16QAM	1	0	16.55	16.70	16.63	17.7	0
3	16QAM	1	8	16.59	16.67	16.68		
3	16QAM	1	14	16.46	16.76	16.55		
3	16QAM	8	0	16.43	16.67	16.63	17.7	0
3	16QAM	8	4	16.40	16.68	16.64		
3	16QAM	8	7	16.51	16.54	16.66		
3	16QAM	15	0	16.42	16.65	16.56		
3	64QAM	1	0	16.52	16.83	16.57	17.7	0
3	64QAM	1	8	16.62	16.70	16.70		
3	64QAM	1	14	16.49	16.71	16.55		
3	64QAM	8	0	16.41	16.65	16.61	17.7	0
3	64QAM	8	4	16.50	16.58	16.56		
3	64QAM	8	7	16.49	16.66	16.64		
3	64QAM	15	0	16.41	16.68	16.53		
3	256QAM	1	0	16.64	16.82	16.45	17.7	0
3	256QAM	1	8	16.57	16.70	16.71		
3	256QAM	1	14	16.52	16.68	16.59		
3	256QAM	8	0	16.47	16.63	16.62	17.7	0
3	256QAM	8	4	16.41	16.65	16.56		
3	256QAM	8	7	16.49	16.60	16.63		
3	256QAM	15	0	16.45	16.74	16.55		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.61	16.81	16.62	17.7	0
1.4	QPSK	1	3	16.63	16.72	16.79		
1.4	QPSK	1	5	16.51	16.71	16.59		
1.4	QPSK	3	0	16.53	16.68	16.64		
1.4	QPSK	3	1	16.57	16.66	16.73		
1.4	QPSK	3	3	16.56	16.61	16.72		
1.4	QPSK	6	0	16.55	16.74	16.63	17.7	0
1.4	16QAM	1	0	16.58	16.77	16.58	17.7	0
1.4	16QAM	1	3	16.58	16.74	16.67		
1.4	16QAM	1	5	16.54	16.69	16.57		
1.4	16QAM	3	0	16.46	16.67	16.67		
1.4	16QAM	3	1	16.49	16.65	16.66		
1.4	16QAM	3	3	16.52	16.55	16.62		
1.4	16QAM	6	0	16.46	16.66	16.57	17.7	0
1.4	64QAM	1	0	16.57	16.82	16.53	17.7	0
1.4	64QAM	1	3	16.62	16.68	16.70		
1.4	64QAM	1	5	16.47	16.76	16.56		
1.4	64QAM	3	0	16.38	16.65	16.61		
1.4	64QAM	3	1	16.50	16.63	16.55		
1.4	64QAM	3	3	16.44	16.68	16.62		
1.4	64QAM	6	0	16.44	16.73	16.55	17.7	0
1.4	256QAM	1	0	16.65	16.74	16.53	17.7	0
1.4	256QAM	1	3	16.55	16.66	16.69		
1.4	256QAM	1	5	16.51	16.70	16.54		
1.4	256QAM	3	0	16.46	16.67	16.64		
1.4	256QAM	3	1	16.42	16.72	16.56		
1.4	256QAM	3	3	16.55	16.63	16.68		
1.4	256QAM	6	0	16.43	16.72	16.63	17.7	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	16.42	16.59	16.38	17.2	0
20	QPSK	1	49	16.36	16.53	16.33		
20	QPSK	1	99	16.31	16.51	16.29		
20	QPSK	50	0	16.29	16.49	16.32	17.2	0
20	QPSK	50	24	16.29	16.32	16.37		
20	QPSK	50	50	16.43	16.48	16.27		
20	QPSK	100	0	16.31	16.39	16.36		
20	16QAM	1	0	16.34	16.54	16.28	17.2	0
20	16QAM	1	49	16.27	16.49	16.29		
20	16QAM	1	99	16.23	16.45	16.22		
20	16QAM	50	0	16.23	16.38	16.22	17.2	0
20	16QAM	50	24	16.19	16.23	16.36		
20	16QAM	50	50	16.40	16.40	16.19		
20	16QAM	100	0	16.20	16.33	16.29		
20	64QAM	1	0	16.37	16.53	16.34	17.2	0
20	64QAM	1	49	16.26	16.50	16.25		
20	64QAM	1	99	16.25	16.41	16.25		
20	64QAM	50	0	16.20	16.41	16.21	17.2	0
20	64QAM	50	24	16.25	16.28	16.34		
20	64QAM	50	50	16.35	16.41	16.19		
20	64QAM	100	0	16.23	16.32	16.32		
20	256QAM	1	0	16.33	16.49	16.35	17.2	0
20	256QAM	1	49	16.28	16.49	16.29		
20	256QAM	1	99	16.21	16.42	16.18		
20	256QAM	50	0	16.23	16.43	16.28	17.2	0
20	256QAM	50	24	16.24	16.24	16.32		
20	256QAM	50	50	16.38	16.41	16.21		
20	256QAM	100	0	16.26	16.36	16.34		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.32	16.54	16.35	17.2	0
15	QPSK	1	37	16.27	16.48	16.31		
15	QPSK	1	74	16.20	16.44	16.24		
15	QPSK	36	0	16.27	16.42	16.28	17.2	0
15	QPSK	36	20	16.27	16.22	16.32		
15	QPSK	36	39	16.41	16.37	16.21		
15	QPSK	75	0	16.26	16.34	16.30		
15	16QAM	1	0	16.23	16.53	16.17	17.2	0
15	16QAM	1	37	16.23	16.42	16.22		
15	16QAM	1	74	16.14	16.44	16.12		
15	16QAM	36	0	16.12	16.33	16.20	17.2	0
15	16QAM	36	20	16.14	16.15	16.28		
15	16QAM	36	39	16.33	16.39	16.12		
15	16QAM	75	0	16.17	16.25	16.23		
15	64QAM	1	0	16.36	16.48	16.31	17.2	0
15	64QAM	1	37	16.19	16.45	16.17		
15	64QAM	1	74	16.18	16.40	16.24		
15	64QAM	36	0	16.10	16.37	16.11	17.2	0
15	64QAM	36	20	16.22	16.22	16.29		
15	64QAM	36	39	16.32	16.33	16.14		
15	64QAM	75	0	16.13	16.22	16.22		
15	256QAM	1	0	16.22	16.43	16.29	17.2	0
15	256QAM	1	37	16.24	16.38	16.18		
15	256QAM	1	74	16.12	16.33	16.11		
15	256QAM	36	0	16.19	16.40	16.19	17.2	0
15	256QAM	36	20	16.21	16.13	16.23		
15	256QAM	36	39	16.29	16.37	16.20		
15	256QAM	75	0	16.23	16.28	16.29		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.32	16.53	16.33	17.2	0
10	QPSK	1	25	16.30	16.44	16.27		
10	QPSK	1	49	16.29	16.40	16.28		
10	QPSK	25	0	16.26	16.45	16.28	17.2	0
10	QPSK	25	12	16.27	16.29	16.30		
10	QPSK	25	25	16.34	16.44	16.18		
10	QPSK	50	0	16.22	16.33	16.29		
10	16QAM	1	0	16.28	16.43	16.19	17.2	0
10	16QAM	1	25	16.20	16.39	16.20		
10	16QAM	1	49	16.21	16.39	16.13		
10	16QAM	25	0	16.18	16.34	16.13	17.2	0
10	16QAM	25	12	16.11	16.18	16.28		
10	16QAM	25	25	16.30	16.38	16.17		
10	16QAM	50	0	16.17	16.30	16.27		
10	64QAM	1	0	16.30	16.51	16.30	17.2	0
10	64QAM	1	25	16.17	16.42	16.18		
10	64QAM	1	49	16.18	16.36	16.20		
10	64QAM	25	0	16.11	16.31	16.12	17.2	0
10	64QAM	25	12	16.20	16.18	16.27		
10	64QAM	25	25	16.31	16.31	16.15		
10	64QAM	50	0	16.14	16.26	16.27		
10	256QAM	1	0	16.31	16.48	16.28	17.2	0
10	256QAM	1	25	16.24	16.46	16.18		
10	256QAM	1	49	16.11	16.36	16.09		
10	256QAM	25	0	16.19	16.38	16.25	17.2	0
10	256QAM	25	12	16.14	16.15	16.28		
10	256QAM	25	25	16.32	16.38	16.16		
10	256QAM	50	0	16.18	16.27	16.33		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.35	16.57	16.35	17.2	0
5	QPSK	1	12	16.30	16.47	16.27		
5	QPSK	1	24	16.25	16.42	16.24		
5	QPSK	12	0	16.23	16.44	16.21	17.2	0
5	QPSK	12	7	16.26	16.26	16.29		
5	QPSK	12	13	16.37	16.38	16.26		
5	QPSK	25	0	16.30	16.33	16.27		
5	16QAM	1	0	16.31	16.45	16.26	17.2	0
5	16QAM	1	12	16.25	16.46	16.27		
5	16QAM	1	24	16.13	16.40	16.15		
5	16QAM	12	0	16.22	16.33	16.12	17.2	0
5	16QAM	12	7	16.16	16.13	16.29		
5	16QAM	12	13	16.36	16.34	16.10		
5	16QAM	25	0	16.14	16.23	16.26		
5	64QAM	1	0	16.33	16.43	16.29	17.2	0
5	64QAM	1	12	16.21	16.46	16.16		
5	64QAM	1	24	16.24	16.36	16.16		
5	64QAM	12	0	16.15	16.31	16.20	17.2	0
5	64QAM	12	7	16.18	16.24	16.31		
5	64QAM	12	13	16.33	16.40	16.15		
5	64QAM	25	0	16.17	16.24	16.30		
5	256QAM	1	0	16.24	16.47	16.29	17.2	0
5	256QAM	1	12	16.22	16.39	16.26		
5	256QAM	1	24	16.13	16.37	16.09		
5	256QAM	12	0	16.17	16.37	16.18	17.2	0
5	256QAM	12	7	16.18	16.21	16.26		
5	256QAM	12	13	16.36	16.40	16.16		
5	256QAM	25	0	16.25	16.27	16.32		

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BW [MHz]	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	17.16	17.39	17.27	18.2	0
20	QPSK	1	49	17.32	17.29	17.25		
20	QPSK	1	99	17.20	17.27	17.24		
20	QPSK	50	0	17.22	17.38	17.27	18.2	0
20	QPSK	50	24	17.21	17.37	17.20		
20	QPSK	50	50	17.24	17.26	17.31		
20	QPSK	100	0	17.28	17.30	17.25		
20	16QAM	1	0	17.15	17.34	17.16	18.2	0
20	16QAM	1	49	17.24	17.25	17.15		
20	16QAM	1	99	17.18	17.18	17.20		
20	16QAM	50	0	17.19	17.35	17.23	18.2	0
20	16QAM	50	24	17.12	17.36	17.11		
20	16QAM	50	50	17.23	17.18	17.26		
20	16QAM	100	0	17.17	17.24	17.20		
20	64QAM	1	0	17.10	17.37	17.18	18.2	0
20	64QAM	1	49	17.28	17.20	17.22		
20	64QAM	1	99	17.12	17.20	17.16		
20	64QAM	50	0	17.11	17.28	17.25	18.2	0
20	64QAM	50	24	17.11	17.34	17.12		
20	64QAM	50	50	17.16	17.23	17.28		
20	64QAM	100	0	17.22	17.23	17.16		
20	256QAM	1	0	17.10	17.29	17.24	18.2	0
20	256QAM	1	49	17.25	17.20	17.15		
20	256QAM	1	99	17.15	17.19	17.18		
20	256QAM	50	0	17.20	17.33	17.22	18.2	0
20	256QAM	50	24	17.17	17.30	17.17		
20	256QAM	50	50	17.16	17.19	17.25		
20	256QAM	100	0	17.24	17.28	17.15		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.07	17.29	17.19	18.2	0
15	QPSK	1	37	17.24	17.20	17.23		
15	QPSK	1	74	17.18	17.24	17.21		
15	QPSK	36	0	17.15	17.35	17.24	18.2	0
15	QPSK	36	20	17.18	17.28	17.14		
15	QPSK	36	39	17.17	17.20	17.30		
15	QPSK	75	0	17.19	17.27	17.15		
15	16QAM	1	0	17.06	17.31	17.09	18.2	0
15	16QAM	1	37	17.19	17.23	17.10		
15	16QAM	1	74	17.14	17.16	17.09		
15	16QAM	36	0	17.08	17.34	17.15	18.2	0
15	16QAM	36	20	17.05	17.33	17.04		
15	16QAM	36	39	17.20	17.16	17.17		
15	16QAM	75	0	17.15	17.23	17.12		
15	64QAM	1	0	17.02	17.32	17.08	18.2	0
15	64QAM	1	37	17.26	17.17	17.15		
15	64QAM	1	74	17.07	17.18	17.15		
15	64QAM	36	0	17.04	17.20	17.18	18.2	0
15	64QAM	36	20	17.04	17.31	17.04		
15	64QAM	36	39	17.10	17.15	17.25		
15	64QAM	75	0	17.19	17.16	17.08		
15	256QAM	1	0	17.04	17.20	17.15	18.2	0
15	256QAM	1	37	17.17	17.09	17.11		
15	256QAM	1	74	17.09	17.10	17.07		
15	256QAM	36	0	17.12	17.23	17.15	18.2	0
15	256QAM	36	20	17.10	17.25	17.12		
15	256QAM	36	39	17.06	17.12	17.18		
15	256QAM	75	0	17.18	17.22	17.11		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.12	17.32	17.24	18.2	0
10	QPSK	1	25	17.23	17.22	17.23		
10	QPSK	1	49	17.09	17.25	17.14		
10	QPSK	25	0	17.21	17.35	17.19	18.2	0
10	QPSK	25	12	17.16	17.35	17.14		
10	QPSK	25	25	17.22	17.25	17.25		
10	QPSK	50	0	17.22	17.29	17.20		
10	16QAM	1	0	17.04	17.32	17.08	18.2	0
10	16QAM	1	25	17.15	17.23	17.08		
10	16QAM	1	49	17.13	17.08	17.12		
10	16QAM	25	0	17.17	17.27	17.15	18.2	0
10	16QAM	25	12	17.04	17.33	17.04		
10	16QAM	25	25	17.15	17.13	17.19		
10	16QAM	50	0	17.09	17.23	17.17		
10	64QAM	1	0	17.05	17.31	17.08	18.2	0
10	64QAM	1	25	17.24	17.11	17.14		
10	64QAM	1	49	17.09	17.16	17.13		
10	64QAM	25	0	17.06	17.18	17.16	18.2	0
10	64QAM	25	12	17.09	17.26	17.02		
10	64QAM	25	25	17.09	17.21	17.20		
10	64QAM	50	0	17.13	17.15	17.09		
10	256QAM	1	0	16.99	17.18	17.23	18.2	0
10	256QAM	1	25	17.22	17.17	17.09		
10	256QAM	1	49	17.14	17.14	17.13		
10	256QAM	25	0	17.18	17.22	17.12	18.2	0
10	256QAM	25	12	17.11	17.28	17.07		
10	256QAM	25	25	17.12	17.16	17.20		
10	256QAM	50	0	17.14	17.22	17.13		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.11	17.31	17.16	18.2	0
5	QPSK	1	12	17.21	17.27	17.17		
5	QPSK	1	24	17.17	17.25	17.15		
5	QPSK	12	0	17.17	17.31	17.25	18.2	0
5	QPSK	12	7	17.11	17.32	17.10		
5	QPSK	12	13	17.17	17.20	17.21		
5	QPSK	25	0	17.21	17.26	17.23		
5	16QAM	1	0	17.12	17.31	17.13	18.2	0
5	16QAM	1	12	17.19	17.18	17.11		
5	16QAM	1	24	17.08	17.10	17.16		
5	16QAM	12	0	17.16	17.33	17.18	18.2	0
5	16QAM	12	7	17.09	17.29	17.04		
5	16QAM	12	13	17.14	17.16	17.25		
5	16QAM	25	0	17.07	17.14	17.18		
5	64QAM	1	0	16.99	17.27	17.14	18.2	0
5	64QAM	1	12	17.18	17.16	17.16		
5	64QAM	1	24	17.10	17.11	17.10		
5	64QAM	12	0	17.00	17.19	17.21	18.2	0
5	64QAM	12	7	17.00	17.28	17.09		
5	64QAM	12	13	17.14	17.18	17.21		
5	64QAM	25	0	17.17	17.21	17.05		
5	256QAM	1	0	17.08	17.25	17.22	18.2	0
5	256QAM	1	12	17.19	17.15	17.06		
5	256QAM	1	24	17.05	17.12	17.15		
5	256QAM	12	0	17.09	17.31	17.15	18.2	0
5	256QAM	12	7	17.11	17.20	17.14		
5	256QAM	12	13	17.15	17.09	17.14		
5	256QAM	25	0	17.16	17.22	17.10		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.11	17.36	17.21	18.2	0
3	QPSK	1	8	17.28	17.24	17.22		
3	QPSK	1	14	17.15	17.20	17.16		
3	QPSK	8	0	17.13	17.28	17.20	18.2	0
3	QPSK	8	4	17.17	17.29	17.11		
3	QPSK	8	7	17.23	17.25	17.23		
3	QPSK	15	0	17.20	17.20	17.16		
3	16QAM	1	0	17.11	17.28	17.05	18.2	0
3	16QAM	1	8	17.14	17.22	17.08		
3	16QAM	1	14	17.16	17.09	17.14		
3	16QAM	8	0	17.14	17.27	17.20	18.2	0
3	16QAM	8	4	17.05	17.35	17.09		
3	16QAM	8	7	17.15	17.15	17.15		
3	16QAM	15	0	17.07	17.14	17.16		
3	64QAM	1	0	17.08	17.29	17.17	18.2	0
3	64QAM	1	8	17.18	17.13	17.18		
3	64QAM	1	14	17.06	17.17	17.08		
3	64QAM	8	0	17.01	17.23	17.22	18.2	0
3	64QAM	8	4	17.02	17.23	17.03		
3	64QAM	8	7	17.08	17.20	17.18		
3	64QAM	15	0	17.18	17.13	17.14		
3	256QAM	1	0	17.04	17.19	17.16	18.2	0
3	256QAM	1	8	17.14	17.16	17.11		
3	256QAM	1	14	17.06	17.14	17.09		
3	256QAM	8	0	17.17	17.29	17.21	18.2	0
3	256QAM	8	4	17.09	17.21	17.08		
3	256QAM	8	7	17.09	17.12	17.20		
3	256QAM	15	0	17.14	17.25	17.06		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.08	17.38	17.21	18.2	0
1.4	QPSK	1	3	17.22	17.19	17.17		
1.4	QPSK	1	5	17.16	17.16	17.23		
1.4	QPSK	3	0	17.20	17.34	17.25		
1.4	QPSK	3	1	17.14	17.32	17.17		
1.4	QPSK	3	3	17.22	17.15	17.26		
1.4	QPSK	6	0	17.23	17.28	17.19	18.2	0
1.4	16QAM	1	0	17.07	17.27	17.06	18.2	0
1.4	16QAM	1	3	17.17	17.22	17.10		
1.4	16QAM	1	5	17.09	17.09	17.14		
1.4	16QAM	3	0	17.09	17.30	17.18		
1.4	16QAM	3	1	17.06	17.32	17.09		
1.4	16QAM	3	3	17.15	17.09	17.22		
1.4	16QAM	6	0	17.09	17.22	17.15	18.2	0
1.4	64QAM	1	0	17.00	17.26	17.17	18.2	0
1.4	64QAM	1	3	17.20	17.18	17.15		
1.4	64QAM	1	5	17.09	17.18	17.11		
1.4	64QAM	3	0	17.07	17.19	17.22		
1.4	64QAM	3	1	17.00	17.28	17.11		
1.4	64QAM	3	3	17.05	17.17	17.19		
1.4	64QAM	6	0	17.18	17.20	17.07	18.2	0
1.4	256QAM	1	0	16.99	17.21	17.20	18.2	0
1.4	256QAM	1	3	17.21	17.15	17.12		
1.4	256QAM	1	5	17.11	17.09	17.13		
1.4	256QAM	3	0	17.16	17.25	17.12		
1.4	256QAM	3	1	17.09	17.26	17.10		
1.4	256QAM	3	3	17.13	17.09	17.20		
1.4	256QAM	6	0	17.22	17.21	17.05	18.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	18.27	18.33	18.25	18.7	0
20	QPSK	1	49	18.14	18.28	18.14		
20	QPSK	1	99	18.19	18.28	18.20		
20	QPSK	50	0	18.14	18.20	18.20		
20	QPSK	50	24	18.16	18.28	18.14		
20	QPSK	50	50	18.13	18.17	18.11		
20	QPSK	100	0	18.18	18.24	18.23		
20	16QAM	1	0	18.19	18.26	18.16		
20	16QAM	1	49	18.10	18.22	18.07		
20	16QAM	1	99	18.16	18.27	18.10		
20	16QAM	50	0	18.13	18.25	18.16		
20	16QAM	50	24	18.09	18.23	18.03		
20	16QAM	50	50	18.04	18.15	18.07		
20	16QAM	100	0	18.16	18.13	18.14		
20	64QAM	1	0	18.24	18.25	18.16		
20	64QAM	1	49	18.05	18.20	18.05		
20	64QAM	1	99	18.13	18.21	18.16		
20	64QAM	50	0	18.12	18.24	18.12		
20	64QAM	50	24	18.08	18.17	18.06		
20	64QAM	50	50	18.04	18.15	18.05		
20	64QAM	100	0	18.16	18.17	18.17		
20	256QAM	1	0	18.25	18.22	18.24		
20	256QAM	1	49	18.05	18.25	18.07		
20	256QAM	1	99	18.09	18.21	18.13		
20	256QAM	50	0	18.04	18.27	18.13		
20	256QAM	50	24	18.15	18.23	18.05		
20	256QAM	50	50	18.11	18.16	18.03		
20	256QAM	100	0	18.09	18.19	18.22		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.17	18.23	18.18	18.7	0
15	QPSK	1	37	18.07	18.18	18.07		
15	QPSK	1	74	18.10	18.22	18.17		
15	QPSK	36	0	18.11	18.25	18.18		
15	QPSK	36	20	18.09	18.20	18.12		
15	QPSK	36	39	18.09	18.12	18.05		
15	QPSK	75	0	18.14	18.22	18.17		
15	16QAM	1	0	18.12	18.24	18.15		
15	16QAM	1	37	18.08	18.13	18.01		
15	16QAM	1	74	18.05	18.25	18.02		
15	16QAM	36	0	18.03	18.17	18.14		
15	16QAM	36	20	18.00	18.15	17.99		
15	16QAM	36	39	18.01	18.13	18.04		
15	16QAM	75	0	18.06	18.03	18.05		
15	64QAM	1	0	18.22	18.23	18.10		
15	64QAM	1	37	17.94	18.09	17.94		
15	64QAM	1	74	18.03	18.17	18.06		
15	64QAM	36	0	18.08	18.16	18.06		
15	64QAM	36	20	18.02	18.10	18.05		
15	64QAM	36	39	17.94	18.07	17.99		
15	64QAM	75	0	18.07	18.09	18.12		
15	256QAM	1	0	18.18	18.11	18.17		
15	256QAM	1	37	18.04	18.17	17.98		
15	256QAM	1	74	18.04	18.16	18.08		
15	256QAM	36	0	18.03	18.16	18.12		
15	256QAM	36	20	18.05	18.20	18.00		
15	256QAM	36	39	18.01	18.09	17.98		
15	256QAM	75	0	17.99	18.12	18.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.24	18.23	18.20	18.7	0
10	QPSK	1	25	18.11	18.21	18.06		
10	QPSK	1	49	18.17	18.19	18.16		
10	QPSK	25	0	18.07	18.22	18.12		
10	QPSK	25	12	18.10	18.26	18.10		
10	QPSK	25	25	18.04	18.11	18.01		
10	QPSK	50	0	18.15	18.17	18.17		
10	16QAM	1	0	18.10	18.16	18.10		
10	16QAM	1	25	18.06	18.12	17.96		
10	16QAM	1	49	18.06	18.20	18.08		
10	16QAM	25	0	18.07	18.19	18.11		
10	16QAM	25	12	18.04	18.13	17.99		
10	16QAM	25	25	18.00	18.07	18.03		
10	16QAM	50	0	18.14	18.05	18.12		
10	64QAM	1	0	18.17	18.24	18.11		
10	64QAM	1	25	18.02	18.10	17.99		
10	64QAM	1	49	18.04	18.17	18.11		
10	64QAM	25	0	18.05	18.19	18.01		
10	64QAM	25	12	18.00	18.15	18.04		
10	64QAM	25	25	18.00	18.12	17.99		
10	64QAM	50	0	18.01	18.13	18.08		
10	256QAM	1	0	18.19	18.19	18.22		
10	256QAM	1	25	17.95	18.23	18.00		
10	256QAM	1	49	18.00	18.13	18.10		
10	256QAM	25	0	17.97	18.26	18.11		
10	256QAM	25	12	18.11	18.21	17.98		
10	256QAM	25	25	18.02	18.13	18.01		
10	256QAM	50	0	18.04	18.17	18.11		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.26	18.29	18.23	18.7	0
5	QPSK	1	12	18.07	18.19	18.04		
5	QPSK	1	24	18.16	18.18	18.19		
5	QPSK	12	0	18.03	18.22	18.09		
5	QPSK	12	7	18.09	18.22	18.11		
5	QPSK	12	13	18.04	18.09	18.10		
5	QPSK	25	0	18.09	18.13	18.16		
5	16QAM	1	0	18.11	18.17	18.10		
5	16QAM	1	12	18.05	18.18	17.99		
5	16QAM	1	24	18.13	18.24	18.01		
5	16QAM	12	0	18.03	18.20	18.11		
5	16QAM	12	7	18.07	18.19	18.00		
5	16QAM	12	13	17.96	18.13	18.00		
5	16QAM	25	0	18.10	18.03	18.07		
5	64QAM	1	0	18.17	18.20	18.06		
5	64QAM	1	12	18.02	18.10	17.96		
5	64QAM	1	24	18.02	18.18	18.09		
5	64QAM	12	0	18.06	18.13	18.04		
5	64QAM	12	7	18.05	18.11	18.00		
5	64QAM	12	13	17.94	18.13	17.99		
5	64QAM	25	0	18.06	18.14	18.11		
5	256QAM	1	0	18.21	18.20	18.19		
5	256QAM	1	12	18.00	18.14	17.97		
5	256QAM	1	24	18.04	18.15	18.08		
5	256QAM	12	0	17.99	18.25	18.06		
5	256QAM	12	7	18.12	18.18	18.03		
5	256QAM	12	13	18.00	18.13	17.94		
5	256QAM	25	0	18.05	18.09	18.16		

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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	18.13	18.07	18.35	18.14	18.11	18.7	0
20	QPSK	1	49	18.15	18.11	18.17	18.15	18.04		
20	QPSK	1	99	18.17	18.12	18.21	18.23	18.11		
20	QPSK	50	0	18.13	18.13	18.26	18.25	18.05		
20	QPSK	50	24	18.06	18.11	18.21	18.20	18.03		
20	QPSK	50	50	18.20	18.06	18.02	18.21	18.10		
20	QPSK	100	0	18.02	18.03	18.26	18.25	18.02		
20	16QAM	1	0	18.07	18.01	18.33	18.07	18.09		
20	16QAM	1	49	18.12	18.07	18.08	18.07	17.99		
20	16QAM	1	99	18.07	18.06	18.12	18.18	18.02		
20	16QAM	50	0	18.10	18.02	18.19	18.22	17.95		
20	16QAM	50	24	17.96	18.09	18.15	18.10	17.95		
20	16QAM	50	50	18.18	17.99	17.98	18.15	18.08		
20	16QAM	100	0	17.96	17.99	18.23	18.18	17.98		
20	64QAM	1	0	18.09	18.03	18.29	18.11	18.09		
20	64QAM	1	49	18.11	18.01	18.16	18.08	17.98		
20	64QAM	1	99	18.15	18.03	18.18	18.15	18.01		
20	64QAM	50	0	18.11	18.04	18.16	18.18	18.00		
20	64QAM	50	24	17.99	18.03	18.14	18.18	17.99		
20	64QAM	50	50	18.13	17.95	17.94	18.19	18.00		
20	64QAM	100	0	17.95	17.97	18.16	18.18	17.96		
20	256QAM	1	0	18.11	17.97	18.27	18.09	18.03		
20	256QAM	1	49	18.06	18.05	18.13	18.09	18.01		
20	256QAM	1	99	18.12	18.03	18.10	18.20	18.03		
20	256QAM	50	0	18.08	18.05	18.15	18.17	17.94		
20	256QAM	50	24	18.01	18.07	18.14	18.11	17.95		
20	256QAM	50	50	18.19	17.97	17.91	18.14	18.06		
20	256QAM	100	0	17.91	17.97	18.15	18.14	17.93		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.10	18.03	18.25	18.04	18.04	19	0
15	QPSK	1	37	18.05	18.08	18.07	18.12	18.00		
15	QPSK	1	74	18.06	18.07	18.15	18.13	18.00		
15	QPSK	36	0	18.09	18.08	18.17	18.20	17.97		
15	QPSK	36	20	17.97	18.03	18.15	18.12	18.02		
15	QPSK	36	39	18.11	18.03	17.91	18.11	18.08		
15	QPSK	75	0	17.93	17.93	18.21	18.19	18.00		
15	16QAM	1	0	17.99	17.91	18.25	18.02	18.03		
15	16QAM	1	37	18.09	18.05	18.00	17.97	17.92		
15	16QAM	1	74	17.97	18.01	18.10	18.16	17.93		
15	16QAM	36	0	18.05	17.96	18.09	18.20	17.91		
15	16QAM	36	20	17.88	17.99	18.06	18.07	17.85		
15	16QAM	36	39	18.12	17.90	17.92	18.06	18.07		
15	16QAM	75	0	17.91	17.95	18.13	18.09	17.92		
15	64QAM	1	0	18.07	17.95	18.26	18.05	18.03		
15	64QAM	1	37	18.04	17.99	18.12	18.05	17.95		
15	64QAM	1	74	18.10	17.98	18.10	18.11	17.91		
15	64QAM	36	0	18.09	18.00	18.07	18.10	17.94		
15	64QAM	36	20	17.97	17.97	18.08	18.14	17.95		
15	64QAM	36	39	18.05	17.94	17.83	18.15	17.94		
15	64QAM	75	0	17.87	17.93	18.07	18.09	17.90		
15	256QAM	1	0	18.09	17.93	18.22	18.08	18.00		
15	256QAM	1	37	17.98	18.04	18.09	17.99	17.99		
15	256QAM	1	74	18.03	17.93	18.01	18.17	17.94		
15	256QAM	36	0	18.06	17.97	18.05	18.10	17.87		
15	256QAM	36	20	17.98	18.04	18.05	18.08	17.85		
15	256QAM	36	39	18.12	17.86	17.80	18.10	18.05		
15	256QAM	75	0	17.88	17.96	18.11	18.09	17.91		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.07	18.01	18.29	18.04	18.08	19	0
10	QPSK	1	25	18.04	18.09	18.15	18.09	18.03		
10	QPSK	1	49	18.15	18.05	18.13	18.18	18.08		
10	QPSK	25	0	18.03	18.03	18.18	18.19	17.95		
10	QPSK	25	12	17.95	18.00	18.17	18.17	17.97		
10	QPSK	25	25	18.09	17.97	17.98	18.16	18.03		
10	QPSK	50	0	17.93	17.94	18.21	18.16	17.93		
10	16QAM	1	0	18.05	17.95	18.25	17.97	18.04		
10	16QAM	1	25	18.04	18.02	18.03	17.99	17.91		
10	16QAM	1	49	17.99	17.96	18.08	18.09	17.93		
10	16QAM	25	0	18.05	17.98	18.14	18.16	17.88		
10	16QAM	25	12	17.91	18.03	18.08	18.01	17.90		
10	16QAM	25	25	18.07	17.90	17.96	18.13	18.06		
10	16QAM	50	0	17.94	17.90	18.17	18.17	17.89		
10	64QAM	1	0	18.00	18.02	18.21	18.04	18.02		
10	64QAM	1	25	18.04	17.93	18.10	18.02	17.87		
10	64QAM	1	49	18.09	18.00	18.15	18.08	17.91		
10	64QAM	25	0	18.02	17.98	18.10	18.15	17.98		
10	64QAM	25	12	17.93	18.02	18.06	18.09	17.93		
10	64QAM	25	25	18.05	17.87	17.86	18.16	17.97		
10	64QAM	50	0	17.87	17.95	18.07	18.11	17.95		
10	256QAM	1	0	18.03	17.92	18.25	18.04	17.98		
10	256QAM	1	25	18.05	17.99	18.07	18.00	17.92		
10	256QAM	1	49	18.06	17.93	18.08	18.11	17.92		
10	256QAM	25	0	18.04	18.01	18.13	18.11	17.85		
10	256QAM	25	12	17.95	17.98	18.12	18.03	17.93		
10	256QAM	25	25	18.17	17.93	17.81	18.10	17.99		
10	256QAM	50	0	17.85	17.92	18.10	18.05	17.84		
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	18.07	18.00	18.25	18.04	18.04	19	0
5	QPSK	1	12	18.07	18.07	18.06	18.04	18.01		
5	QPSK	1	24	18.15	18.09	18.16	18.19	18.08		
5	QPSK	12	0	18.09	18.09	18.24	18.14	17.98		
5	QPSK	12	7	17.98	18.06	18.15	18.10	17.97		
5	QPSK	12	13	18.09	17.97	17.96	18.11	18.04		
5	QPSK	25	0	17.91	17.93	18.22	18.03	17.96		
5	16QAM	1	0	17.98	17.98	18.28	17.97	18.02		
5	16QAM	1	12	18.06	18.03	18.03	17.99	17.96		
5	16QAM	1	24	18.01	18.00	18.08	18.17	17.92		
5	16QAM	12	0	18.02	17.96	18.14	18.17	17.86		
5	16QAM	12	7	17.85	18.04	18.09	18.01	17.86		
5	16QAM	12	13	18.09	17.92	17.94	18.07	18.04		
5	16QAM	25	0	17.93	17.94	18.18	18.12	17.94		
5	64QAM	1	0	18.03	17.95	18.19	18.02	18.08		
5	64QAM	1	12	18.06	17.91	18.15	18.03	17.96		
5	64QAM	1	24	18.14	17.95	18.11	18.09	17.92		
5	64QAM	12	0	18.06	17.99	18.05	18.14	17.93		
5	64QAM	12	7	17.97	18.00	18.10	18.10	17.95		
5	64QAM	12	13	18.06	17.84	17.87	18.17	17.96		
5	64QAM	25	0	17.85	17.92	18.13	18.15	17.89		
5	256QAM	1	0	18.09	17.93	18.18	17.98	18.02		
5	256QAM	1	12	18.00	17.94	18.12	18.03	18.00		
5	256QAM	1	24	18.09	18.00	18.03	18.09	17.93		
5	256QAM	12	0	18.01	17.96	18.06	18.14	17.91		
5	256QAM	12	7	17.92	17.97	18.06	18.00	17.86		
5	256QAM	12	13	18.10	17.96	17.89	18.03	17.97		
5	256QAM	25	0	17.85	17.87	18.13	18.12	17.89		

	GSM1900 Ant6 DSI1							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.40	29.50	29.41	30.50	20.40	20.50	20.41	21.50
GPRS 1 Tx slot	29.47	29.49	29.46	30.50	20.47	20.49	20.46	21.50
GPRS 2 Tx slots	26.68	26.76	26.70	27.50	20.68	20.76	20.70	21.50
GPRS 3 Tx slots	24.86	24.88	24.80	25.70	20.60	20.62	20.54	21.44
GPRS 4 Tx slots	23.65	23.66	23.57	24.50	20.65	20.66	20.57	21.50
EDGE 1 Tx slot	24.14	24.19	24.09	25.00	15.14	15.19	15.09	16.00
EDGE 2 Tx slots	21.75	21.82	21.74	22.00	15.75	15.82	15.74	16.00
EDGE 3 Tx slots	19.97	20.06	19.97	20.20	15.71	15.80	15.71	15.94
EDGE 4 Tx slots	18.55	18.61	18.53	19.00	15.55	15.61	15.53	16.00

		WCDMA II Ant6 DSI1				WCDMA IV Ant6 DSI1			
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	1312.4	
3GPP Rel 99	AMR 12.2Kbps	21.83	21.90	21.90	23.50	20.60	20.74	20.67	22.50
3GPP Rel 99	RMC 12.2Kbps	21.87	22.03	21.98	23.50	20.72	20.81	20.79	22.50
3GPP Rel 6	HSDPA Subtest-1	21.07	21.10	21.04	22.50	19.71	19.85	19.77	21.50
3GPP Rel 6	HSDPA Subtest-2	20.86	20.97	20.83	22.50	19.62	19.72	19.63	21.50
3GPP Rel 6	HSDPA Subtest-3	20.48	20.56	20.43	22.00	19.22	19.21	19.16	21.00
3GPP Rel 6	HSDPA Subtest-4	20.15	20.34	20.27	22.00	19.18	19.18	19.04	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	20.87	20.87	20.88	22.50	19.59	19.65	19.63	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	20.88	20.95	20.84	22.50	19.51	19.57	19.55	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.37	20.46	20.44	22.00	19.06	19.09	19.05	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	20.14	20.30	20.23	22.00	19.14	19.28	19.06	21.00
3GPP Rel 6	HSUPA Subtest-1	20.82	20.85	20.77	22.50	19.60	19.57	19.52	21.50
3GPP Rel 6	HSUPA Subtest-2	18.92	19.01	18.96	20.50	17.63	17.65	17.67	19.50
3GPP Rel 6	HSUPA Subtest-3	19.92	19.94	19.85	21.50	18.63	18.59	18.64	20.50
3GPP Rel 6	HSUPA Subtest-4	19.00	18.95	18.95	20.50	17.72	17.70	17.71	19.50
3GPP Rel 6	HSUPA Subtest-5	20.95	21.02	20.98	22.50	19.64	19.64	19.69	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest5	18.32	18.36	18.25	20.00	17.04	17.00	17.03	19.00

Band 2 Ant6 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			18700	18900	19100		
	Frequency (MHz)			1860	1880	1900		
20	QPSK	1	0	20.71	20.98	20.79		
20	QPSK	1	49	20.73	20.82	20.75	22.5	0
20	QPSK	1	99	20.67	20.86	20.75		
20	QPSK	50	0	20.68	20.95	20.65		
20	QPSK	50	24	20.66	20.91	20.67	22.5	0
20	QPSK	50	50	20.66	20.87	20.77		
20	QPSK	100	0	20.70	20.91	20.70		
20	16QAM	1	0	20.63	20.91	20.68		
20	16QAM	1	49	20.63	20.72	20.70	22.5	0
20	16QAM	1	99	20.62	20.72	20.64		
20	16QAM	50	0	20.62	20.87	20.58		
20	16QAM	50	24	20.60	20.81	20.56	22.5	0
20	16QAM	50	50	20.59	20.78	20.68		
20	16QAM	100	0	20.61	20.86	20.63		
20	64QAM	1	0	20.58	20.85	20.74		
20	64QAM	1	49	20.64	20.77	20.61	22.5	0
20	64QAM	1	99	20.54	20.75	20.70		
20	64QAM	50	0	20.23	20.52	20.24		
20	64QAM	50	24	20.25	20.28	20.27	22	0.5
20	64QAM	50	50	20.19	20.37	20.20		
20	64QAM	100	0	20.22	20.48	20.10		
20	256QAM	1	0	18.19	18.48	18.31		
20	256QAM	1	49	18.20	18.31	18.23	20	2.5
20	256QAM	1	99	18.19	18.34	18.24		
20	256QAM	50	0	18.22	18.49	18.11		
20	256QAM	50	24	18.20	18.43	18.19	20	2.5
20	256QAM	50	50	18.14	18.33	18.31		
20	256QAM	100	0	18.23	18.41	18.16		
	Channel			18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1857.5	1880	1902.5		
15	QPSK	1	0	20.61	20.86	20.75		
15	QPSK	1	37	20.65	20.73	20.70	22.5	0
15	QPSK	1	74	20.59	20.74	20.70		
15	QPSK	36	0	20.56	20.84	20.57		
15	QPSK	36	20	20.60	20.78	20.62	22.5	0
15	QPSK	36	39	20.54	20.83	20.65		
15	QPSK	75	0	20.61	20.78	20.59		
15	16QAM	1	0	20.58	20.81	20.55		
15	16QAM	1	37	20.57	20.64	20.60	22.5	0
15	16QAM	1	74	20.51	20.63	20.57		
15	16QAM	36	0	20.53	20.79	20.51		
15	16QAM	36	20	20.53	20.67	20.55	22.5	0
15	16QAM	36	39	20.54	20.73	20.57		
15	16QAM	75	0	20.53	20.74	20.55		
15	64QAM	1	0	20.53	20.76	20.69		
15	64QAM	1	37	20.59	20.69	20.56	22.5	0
15	64QAM	1	74	20.55	20.66	20.58		
15	64QAM	36	0	20.12	20.41	20.17		
15	64QAM	36	20	20.16	20.15	20.15	22	0.5
15	64QAM	36	39	20.06	20.32	20.15		
15	64QAM	75	0	20.09	20.36	20.01		
15	256QAM	1	0	18.09	18.35	18.20		
15	256QAM	1	37	18.12	18.27	18.18	20	2.5
15	256QAM	1	74	18.09	18.26	18.19		
15	256QAM	36	0	18.15	18.37	18.02		
15	256QAM	36	20	18.12	18.32	18.09	20	2.5
15	256QAM	36	39	18.06	18.21	18.17		
15	256QAM	75	0	18.10	18.29	18.07		
	Channel			18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1855	1880	1905		
10	QPSK	1	0	20.63	20.85	20.68		
10	QPSK	1	25	20.64	20.75	20.67	22.5	0
10	QPSK	1	49	20.59	20.77	20.66		
10	QPSK	25	0	20.60	20.85	20.59		
10	QPSK	25	12	20.57	20.87	20.62	22.5	0
10	QPSK	25	25	20.60	20.78	20.67		
10	QPSK	50	0	20.57	20.86	20.56		
10	16QAM	1	0	20.56	20.81	20.58		
10	16QAM	1	25	20.56	20.60	20.60	22.5	0
10	16QAM	1	49	20.56	20.61	20.53		
10	16QAM	25	0	20.56	20.74	20.55		
10	16QAM	25	12	20.54	20.68	20.61	22.5	0
10	16QAM	25	25	20.52	20.64	20.54		
10	16QAM	50	0	20.52	20.79	20.59		
10	64QAM	1	0	20.53	20.72	20.69		
10	64QAM	1	25	20.54	20.65	20.53	22.5	0
10	64QAM	1	49	20.55	20.68	20.62		
10	64QAM	25	0	20.10	20.42	20.20		
10	64QAM	25	12	20.21	20.23	20.22	22	0.5
10	64QAM	25	25	20.07	20.33	20.09		
10	64QAM	50	0	20.11	20.42	20.00		
10	256QAM	1	0	18.07	18.34	18.20		
10	256QAM	1	25	18.09	18.19	18.15	20	2.5
10	256QAM	1	49	18.10	18.29	18.15		
10	256QAM	25	0	18.11	18.45	18.02		
10	256QAM	25	12	18.13	18.30	18.13	20	2.5
10	256QAM	25	25	18.01	18.28	18.26		
10	256QAM	50	0	18.17	18.28	18.03		
	Channel			18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1852.5	1880	1907.5		
5	QPSK	1	0	20.67	20.86	20.74		
5	QPSK	1	12	20.67	20.73	20.64	22.5	0
5	QPSK	1	24	20.57	20.75	20.66		
5	QPSK	12	0	20.61	20.87	20.59		
5	QPSK	12	7	20.59	20.85	20.61	22.5	0
5	QPSK	12	13	20.52	20.77	20.68		
5	QPSK	25	0	20.63	20.86	20.57		
5	16QAM	1	0	20.51	20.78	20.58		
5	16QAM	1	12	20.53	20.64	20.64	22.5	0
5	16QAM	1	24	20.53	20.59	20.54		
5	16QAM	12	0	20.52	20.77	20.53		
5	16QAM	12	7	20.51	20.75	20.50	22.5	0
5	16QAM	12	13	20.53	20.66	20.55		
5	16QAM	25	0	20.57	20.80	20.55		
5	64QAM	1	0	20.53	20.75	20.62		
5	64QAM	1	12	20.52	20.63	20.55	22.5	0
5	64QAM	1	24	20.50	20.63	20.63		
5	64QAM	12	0	20.16	20.39	20.16		
5	64QAM	12	7	20.19	20.17	20.15	22	0.5
5	64QAM	12	13	20.06	20.28	20.16		
5	64QAM	25	0	20.19	20.35	20.33		
5	256QAM	1	0	18.09	18.36	18.20		
5	256QAM	1	12	18.16	18.19	18.14	20	2.5
5	256QAM	1	24	18.08	18.28	18.16		
5	256QAM	12	0	18.10	18.39	18.03		
5	256QAM	12	7	18.10	18.36	18.15	20	2.5
5	256QAM	12	13	18.06	18.21	18.26		
5	256QAM	25	0	18.14	18.27	18.04		
	Channel			18515	18900	19185	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1851.5	1880	1908.5		
3	QPSK	1	0	20.62	20.89	20.65		
3	QPSK	1	8	20.62	20.71	20.69	22.5	0
3	QPSK	1	14	20.59	20.74	20.71		
3	QPSK	8	0	20.59	20.94	20.55		
3	QPSK	8	4	20.52	20.82	20.58	22.5	0
3	QPSK	8	7	20.61	20.73	20.65		
3	QPSK	15	0	20.62	20.83	20.63		
3	16QAM	1	0	20.57	20.87	20.57		
3	16QAM	1	8	20.55	20.60	20.57	22.5	0
3	16QAM	1	14	20.57	20.60	20.51		
3	16QAM	8	0	20.56	20.76	20.51		
3	16QAM	8	4	20.54	20.75	20.50	22.5	0
3	16QAM	8	7	20.53	20.71	20.59		
3	16QAM	15	0	20.50	20.79	20.56		
3	64QAM	1	0	20.56	20.75	20.63		
3	64QAM	1	8	20.54	20.68	20.56	22.5	0
3	64QAM	1	14	20.55	20.68	20.65		
3	64QAM	8	0	20.10	20.44	20.13		
3	64QAM	8	4	20.19	20.19	20.19	22	0.5
3	64QAM	8	7	20.10	20.25	20.09		
3	64QAM	15	0	20.14	20.37	20.01		
3	256QAM	1	0	18.08	18.39	18.26		
3	256QAM	1	8	18.07	18.17	18.12	20	2.5
3	256QAM	1	14	18.09	18.28	18.11		
3	256QAM	8	0	18.13	18.44	18.45		
3	256QAM	8	4	18.16	18.34	18.13	20	2.5
3	256QAM	8	7	18.03	18.20	18.23		
3	256QAM	15	0	18.17	18.35	18.07		
	Channel			18507	18900	19193	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1850.7	1880	1909.3		
1.4	QPSK	1	0	20.66	20.84	20.66		
1.4	QPSK	1	3	20.68	20.73	20.68		
1.4	QPSK	1	5	20.57	20.81	20.68	22.5	0
1.4	QPSK	3	0	20.59	20.82	20.61		
1.4	QPSK	3	1	20.61	20.67	20.55		
1.4	QPSK	3	3	20.53	20.80	20.65		
1.4	16QAM	1	0	20.59	20.77	20.63	22.5	0
1.4	16QAM	1	0	20.50	20.83	20.62		
1.4	16QAM	1	3	20.52	20.63	20.63		
1.4	16QAM	1	5	20.51	20.62	20.56	22.5	0
1.4	16QAM	3	0	20.51	20.75	20.52		
1.4	16QAM	3	1	20.52	20.74	20.51		
1.4	16QAM	3	3	20.53	20.70	20.62		
1.4	16QAM	6	0	20.54	20.73	20.56	22.5	0
1.4	64QAM	1	0	20.53	20.79	20.61		
1.4	64QAM	1	3	20.59	20.69	20.57		
1.4	64QAM	1	5	20.55	20.66	20.58	22.5	0
1.4	64QAM	3	0	20.53	20.53	20.55		
1.4	64QAM	3	1	20.51	20.51	20.53		
1.4	64QAM	3	3	20.52	20.53	20.51		
1.4	64QAM	6	0	20.15	20.40	20.05	22	0.5
1.4	256QAM	1	0	18.13	18.42	18.20		
1.4	256QAM	1	3	18.07	18.17	18.13		
1.4	256QAM	1	5	18.07	18.24	18.14	20	2.5
1.4	256QAM	3	0	18.09	18.39	18.03		
1.4	256QAM	3	1	18.11	18.30	18.09		
1.4	256QAM	3	3	18.02	18.20	18.18		
1.4	256QAM	6	0	18.09	18.33	18.04	20	2.5

Band 4 Ant6 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20050	20175	20300		
	Frequency (MHz)			1720	1732.5	1745		
20	QPSK	1	0	19.92	20.05	19.82		
20	QPSK	1	49	19.96	19.90	19.83	21.7	0
20	QPSK	1	99	19.88	19.94	19.80		
20	QPSK	50	0	19.91	20.01	19.90		
20	QPSK	50	24	19.81	19.85	19.82	21.7	0
20	QPSK	50	50	19.90	19.98	19.82		
20	QPSK	100	0	19.95	19.99	19.80		
20	16QAM	1	0	19.87	19.96	19.78		
20	16QAM	1	49	19.86	19.84	19.75	21.7	0
20	16QAM	1	99	19.81	19.88	19.70		
20	16QAM	50	0	19.80	19.91	19.85		
20	16QAM	50	24	19.72	19.81	19.72	21.7	0
20	16QAM	50	50	19.80	19.80	19.79		
20	16QAM	100	0	19.88	19.93	19.78		
20	64QAM	1	0	19.89	19.97	19.74		
20	64QAM	1	49	19.86	19.84	19.76	21.7	0
20	64QAM	1	99	19.80	19.87	19.73		
20	64QAM	50	0	19.82	19.92	19.80		
20	64QAM	50	24	19.77	19.79	19.76	21.7	0
20	64QAM	50	50	19.89	19.94	19.79		
20	64QAM	100	0	19.90	19.91	19.71		
20	256QAM	1	0	18.88	19.06	18.78		
20	256QAM	1	49	18.98	18.92	18.79	20.7	1
20	256QAM	1	99	18.86	18.95	18.79		
20	256QAM	50	0	18.93	19.03	18.87		
20	256QAM	50	24	18.78	18.90	18.80	20.7	1
20	256QAM	50	50	18.85	18.96	18.83		
20	256QAM	100	0	18.94	18.97	18.85		
	Channel			20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	19.86	20.02	19.75		
15	QPSK	1	37	19.92	19.86	19.79	21.7	0
15	QPSK	1	74	19.80	19.91	19.75		
15	QPSK	36	0	19.85	19.90	19.80		
15	QPSK	36	20	19.79	19.80	19.72	21.7	0
15	QPSK	36	39	19.87	19.95	19.77		
15	QPSK	75	0	19.85	19.95	19.72		
15	16QAM	1	0	19.84	19.87	19.70		
15	16QAM	1	37	19.76	19.76	19.72	21.7	0
15	16QAM	1	74	19.74	19.76	19.73		
15	16QAM	36	0	19.70	19.84	19.76		
15	16QAM	36	20	19.70	19.75	19.70	21.7	0
15	16QAM	36	39	19.72	19.81	19.73		
15	16QAM	75	0	19.77	19.82	19.72		
15	64QAM	1	0	19.81	19.88	19.72		
15	64QAM	1	37	19.81	19.73	19.74	21.7	0
15	64QAM	1	74	19.75	19.75	19.72		
15	64QAM	36	0	19.74	19.85	19.75		
15	64QAM	36	20	19.72	19.76	19.73	21.7	0
15	64QAM	36	39	19.82	19.88	19.72		
15	64QAM	75	0	19.82	19.88	19.72		
15	256QAM	1	0	18.80	18.99	18.73		
15	256QAM	1	37	18.89	18.87	18.73	20.7	1
15	256QAM	1	74	18.82	18.93	18.72		
15	256QAM	36	0	18.91	19.00	18.84		
15	256QAM	36	20	18.73	18.85	18.72	20.7	1
15	256QAM	36	39	18.80	18.89	18.80		
15	256QAM	75	0	18.83	18.94	18.73		
	Channel			20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	19.86	19.97	19.73		
10	QPSK	1	25	19.90	19.81	19.76	21.7	0
10	QPSK	1	49	19.85	19.88	19.77		
10	QPSK	25	0	19.91	19.94	19.87		
10	QPSK	25	12	19.82	19.83	19.74	21.7	0
10	QPSK	25	25	19.93	20.00	19.83		
10	QPSK	50	0	19.92	19.98	19.80		
10	16QAM	1	0	19.90	19.94	19.72		
10	16QAM	1	25	19.82	19.80	19.79	21.7	0
10	16QAM	1	49	19.81	19.83	19.79		
10	16QAM	25	0	19.75	19.87	19.79		
10	16QAM	25	12	19.73	19.78	19.76	21.7	0
10	16QAM	25	25	19.75	19.83	19.78		
10	16QAM	50	0	19.84	19.90	19.75		
10	64QAM	1	0	19.86	19.91	19.76		
10	64QAM	1	25	19.89	19.76	19.82	21.7	0
10	64QAM	1	49	19.80	19.83	19.77		
10	64QAM	25	0	19.78	19.92	19.83		
10	64QAM	25	12	19.80	19.82	19.78	21.7	0
10	64QAM	25	25	19.88	19.91	19.75		
10	64QAM	50	0	19.90	19.96	19.77		
10	256QAM	1	0	18.84	19.03	18.80		
10	256QAM	1	25	18.92	18.94	18.80	20.7	1
10	256QAM	1	49	18.88	18.99	18.76		
10	256QAM	25	0	18.95	19.03	18.90		
10	256QAM	25	12	18.78	18.90	18.80	20.7	1
10	256QAM	25	25	18.83	18.93	18.83		
10	256QAM	50	0	18.89	19.02	18.77		
	Channel			19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1732.5	1752.5		
5	QPSK	1	0	19.85	20.01	19.76		
5	QPSK	1	12	19.91	19.85	19.78	21.7	0
5	QPSK	1	24	19.85	19.89	19.73		
5	QPSK	12	0	19.91	19.96	19.83		
5	QPSK	12	7	19.84	19.82	19.79	21.7	0
5	QPSK	12	13	19.92	20.01	19.80		
5	QPSK	25	0	19.89	20.02	19.80		
5	16QAM	1	0	19.90	19.89	19.73		
5	16QAM	1	12	19.82	19.82	19.79	21.7	0
5	16QAM	1	24	19.81	19.79	19.77		
5	16QAM	12	0	19.72	19.92	19.81		
5	16QAM	12	7	19.76	19.79	19.74	21.7	0
5	16QAM	12	13	19.75	19.84	19.75		
5	16QAM	25	0	19.80	19.87	19.77		
5	64QAM	1	0	19.83	19.94	19.75		
5	64QAM	1	12	19.89	19.77	19.80	21.7	0
5	64QAM	1	24	19.82	19.80	19.79		
5	64QAM	12	0	19.82	19.86	19.78		
5	64QAM	12	7	19.80	19.79	19.78	21.7	0
5	64QAM	12	13	19.84	19.92	19.75		
5	64QAM	25	0	19.90	19.97	19.78		
5	256QAM	1	0	18.83	19.04	18.76		
5	256QAM	1	12	18.92	18.94	18.77	20.7	1
5	256QAM	1	24	18.86	19.00	18.80		
5	256QAM	12	0	18.98	19.05	18.90		
5	256QAM	12	7	18.77	18.93	18.77	20.7	1
5	256QAM	12	13	18.83	18.95	18.87		
5	256QAM	25	0	18.87	19.01	18.78		
	Channel			19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	19.85	19.98	19.77		
3	QPSK	1	8	19.91	19.85	19.79	21.7	0
3	QPSK	1	14	19.80	19.86	19.75		
3	QPSK	8	0	19.87	19.93	19.87		
3	QPSK	8	4	19.82	19.86	19.79	21.7	0
3	QPSK	8	7	19.95	20.02	19.79		
3	QPSK	15	0	19.88	19.97	19.76		
3	16QAM	1	0	19.88	19.92	19.72		
3	16QAM	1	8	19.80	19.83	19.77	21.7	0
3	16QAM	1	14	19.80	19.80	19.81		
3	16QAM	8	0	19.76	19.90	19.79		
3	16QAM	8	4	19.74	19.81	19.75	21.7	0
3	16QAM	8	7	19.79	19.86	19.76		
3	16QAM	15	0	19.83	19.86	19.75		
3	64QAM	1	0	19.84	19.95	19.80		
3	64QAM	1	8	19.88	19.80	19.81	21.7	0
3	64QAM	1	14	19.83	19.80	19.75		
3	64QAM	8	0	19.79	19.87	19.83		
3	64QAM	8	4	19.77	19.79	19.76	21.7	0
3	64QAM	8	7	19.85	19.92	19.77		
3	64QAM	15	0	19.90	19.94	19.76		
3	256QAM	1	0	18.84	19.06	18.75		
3	256QAM	1	8	18.91	18.89	18.75	20.7	1
3	256QAM	1	14	18.85	18.99	19.75		
3	256QAM	8	0	18.98	19.07	18.88		
3	256QAM	8	4	18.79	18.86	18.79	20.7	1
3	256QAM	8	7	18.85	18.97	18.85		
3	256QAM	15	0	18.91	18.99	18.76		
	Channel			19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.88	19.97	19.76		
1.4	QPSK	1	3	19.93	19.86	19.79		
1.4	QPSK	1	5	19.80	19.86	19.71	21.7	0
1.4	QPSK	3	0	19.86	19.86	19.76		
1.4	QPSK	3	1	19.93	19.98	19.80		
1.4	QPSK	3	3	19.89	20.02	19.76		
1.4	QPSK	6	0	19.87	19.90	19.74	21.7	0
1.4	16QAM	1	0	19.79	19.81	19.77		
1.4	16QAM	1	3	19.81	19.78	19.79		
1.4	16QAM	1	5	19.77	19.91	19.83	21.7	0
1.4	16QAM	3	0	19.74	19.80	19.73		
1.4	16QAM	3	1	19.79	19.84	19.79		
1.4	16QAM	3	3	19.79	19.86	19.78		
1.4	16QAM	6	0	19.87	19.93	19.78	21.7	0
1.4	64QAM	1	0	19.84	19.81	19.79		
1.4	64QAM	1	3	19.77	19.79	19.76		
1.4	64QAM	1	5	19.80	19.92	19.80	21.7	0
1.4	64QAM	3	0	19.78	19.83	19.79		
1.4	64QAM	3	1	19.84	19.95	19.78		
1.4	64QAM	3	3	19.86	19.96	19.74		
1.4	64QAM	6	0	19.84	19.85	19.73	21.7	0
1.4	256QAM	1	0	18.97	18.91	18.75		
1.4	256QAM	1	3	18.86	18.96	18.78		
1.4	256QAM	1	5	18.95	19.04	18.92	20.7	1
1.4	256QAM	3	0	18.80	18.89	19.78		
1.4	256QAM	3	1	18.83	18.96	18.86		
1.4	256QAM	3	3	18.86	18.97	18.79		
1.4	256QAM	6	0	19.15	19.25	19.20	20.7	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20850	21100	21350		
	Frequency (MHz)			2510	2535	2560		
20	QPSK	1	0	19.38	19.48	19.30		
20	QPSK	1	49	19.28	19.43	19.33	21.2	0
20	QPSK	1	99	19.23	19.32	19.23		
20	QPSK	50	0	19.32	19.45	19.25		
20	QPSK	50	24	19.26	19.43	19.30	21.2	0
20	QPSK	50	50	19.23	19.38	19.24		
20	QPSK	100	0	19.31	19.33	19.21		
20	16QAM	1	0	19.32	19.43	19.23		
20	16QAM	1	49	19.24	19.39	19.24	21.2	0
20	16QAM

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.91	20.07	19.96		
20	QPSK	1	49	19.85	19.96	19.76	21.7	0
20	QPSK	1	99	19.85	19.93	19.75		
20	QPSK	50	0	19.87	19.96	19.79		
20	QPSK	50	24	19.83	19.95	19.88	21.7	0
20	QPSK	50	50	19.90	19.88	19.84		
20	QPSK	100	0	19.92	19.95	19.84		
20	16QAM	1	0	19.89	20.01	19.89		
20	16QAM	1	49	19.82	19.92	19.74	21.7	0
20	16QAM	1	99	19.83	19.89	19.74		
20	16QAM	50	0	19.82	19.86	19.73		
20	16QAM	50	24	19.72	19.86	19.86	21.7	0
20	16QAM	50	50	19.79	19.86	19.83		
20	16QAM	100	0	19.88	19.92	19.78		
20	64QAM	1	0	19.88	20.06	19.88		
20	64QAM	1	49	19.78	19.90	19.82	21.7	0
20	64QAM	1	99	19.77	19.82	19.72		
20	64QAM	50	0	19.77	19.85	19.72		
20	64QAM	50	24	19.80	19.87	19.82	21.7	0
20	64QAM	50	50	19.80	19.85	19.82		
20	64QAM	100	0	19.86	19.88	19.74		
20	256QAM	1	0	18.95	19.06	18.96		
20	256QAM	1	49	18.88	19.00	18.72	20.7	1
20	256QAM	1	99	18.88	18.91	18.76		
20	256QAM	50	0	18.86	18.92	18.77		
20	256QAM	50	24	18.83	18.99	18.85	20.7	1
20	256QAM	50	50	18.91	18.88	18.87		
20	256QAM	100	0	18.92	18.96	18.84		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.88	20.05	19.94		
15	QPSK	1	37	19.81	19.93	19.72	21.7	0
15	QPSK	1	74	19.82	19.91	19.72		
15	QPSK	36	0	19.84	19.92	19.77		
15	QPSK	36	20	19.81	19.92	19.86	21.7	0
15	QPSK	36	39	19.86	19.85	19.81		
15	QPSK	75	0	19.90	19.92	19.82		
15	16QAM	1	0	19.85	19.99	19.86		
15	16QAM	1	37	19.80	19.90	19.70	21.7	0
15	16QAM	1	74	19.80	19.85	19.70		
15	16QAM	36	0	19.80	19.83	19.70		
15	16QAM	36	20	19.70	19.83	19.83	21.7	0
15	16QAM	36	39	19.75	19.83	19.79		
15	16QAM	75	0	19.85	19.88	19.75		
15	64QAM	1	0	19.84	20.03	19.85		
15	64QAM	1	37	19.75	19.88	19.79	21.7	0
15	64QAM	1	74	19.75	19.79	19.70		
15	64QAM	36	0	19.75	19.81	19.70		
15	64QAM	36	20	19.77	19.84	19.78	21.7	0
15	64QAM	36	39	19.77	19.83	19.79		
15	64QAM	75	0	19.83	19.83	19.71		
15	256QAM	1	0	18.93	19.03	18.93		
15	256QAM	1	37	18.85	18.97	18.85	20.7	1
15	256QAM	1	74	18.85	18.88	18.72		
15	256QAM	36	0	18.83	18.89	18.73		
15	256QAM	36	20	18.81	18.97	18.82	20.7	1
15	256QAM	36	39	18.88	18.86	18.83		
15	256QAM	75	0	18.90	18.94	18.82		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.87	20.05	19.93		
10	QPSK	1	25	19.82	19.92	19.73	21.7	0
10	QPSK	1	49	19.81	19.91	19.71		
10	QPSK	25	0	19.85	19.94	19.76		
10	QPSK	25	12	19.80	19.92	19.85	21.7	0
10	QPSK	25	25	19.86	19.86	19.82		
10	QPSK	50	0	19.89	19.93	19.82		
10	16QAM	1	0	19.85	19.98	19.87		
10	16QAM	1	25	19.78	19.88	19.71	21.7	0
10	16QAM	1	49	19.80	19.86	19.70		
10	16QAM	25	0	19.79	19.83	19.80		
10	16QAM	25	12	19.84	19.82	19.83	21.7	0
10	16QAM	25	25	19.77	19.82	19.79		
10	16QAM	50	0	19.84	19.89	19.75		
10	64QAM	1	0	19.84	20.04	19.86		
10	64QAM	1	25	19.74	19.87	19.80	21.7	0
10	64QAM	1	49	19.73	19.80	19.84		
10	64QAM	25	0	19.74	19.82	19.80		
10	64QAM	25	12	19.76	19.84	19.80	21.7	0
10	64QAM	25	25	19.77	19.82	19.78		
10	64QAM	50	0	19.83	19.83	19.72		
10	256QAM	1	0	18.93	19.03	18.92		
10	256QAM	1	25	18.86	18.98	19.84	20.7	1
10	256QAM	1	49	18.85	18.88	18.72		
10	256QAM	25	0	18.84	18.90	18.75		
10	256QAM	25	12	18.80	18.95	18.82	20.7	1
10	256QAM	25	25	18.87	18.86	18.84		
10	256QAM	50	0	18.89	18.93	18.81		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.88	20.04	19.93		
5	QPSK	1	12	19.82	19.94	19.73	21.7	0
5	QPSK	1	24	19.82	19.89	19.71		
5	QPSK	12	0	19.83	19.93	19.76		
5	QPSK	12	7	19.79	19.92	19.86	21.7	0
5	QPSK	12	13	19.86	19.85	19.81		
5	QPSK	25	0	19.88	19.92	19.81		
5	16QAM	1	0	19.85	19.98	19.87		
5	16QAM	1	12	19.79	19.89	19.70	21.7	0
5	16QAM	1	24	19.80	19.87	19.71		
5	16QAM	12	0	19.79	19.83	19.70		
5	16QAM	12	7	19.70	19.82	19.83	21.7	0
5	16QAM	12	13	19.77	19.83	19.80		
5	16QAM	25	0	19.84	19.89	19.74		
5	64QAM	1	0	19.85	20.03	19.85		
5	64QAM	1	12	19.74	19.88	19.79	21.7	0
5	64QAM	1	24	19.74	19.76	19.85		
5	64QAM	12	0	19.74	19.82	19.85		
5	64QAM	12	7	19.77	19.83	19.80	21.7	0
5	64QAM	12	13	19.77	19.83	19.78		
5	64QAM	25	0	19.84	19.82	19.71		
5	256QAM	1	0	18.92	19.02	18.94		
5	256QAM	1	12	18.84	18.97	18.92	20.7	1
5	256QAM	1	24	18.86	18.88	18.73		
5	256QAM	12	0	18.84	18.90	18.75		
5	256QAM	12	7	18.80	18.95	18.83	20.7	1
5	256QAM	12	13	18.87	18.85	18.84		
5	256QAM	25	0	18.90	18.93	18.81		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.88	20.04	19.92		
3	QPSK	1	8	19.81	19.94	19.74	21.7	0
3	QPSK	1	14	19.82	19.89	19.72		
3	QPSK	8	0	19.84	19.93	19.77		
3	QPSK	8	4	19.80	19.92	19.86	21.7	0
3	QPSK	8	7	19.87	19.85	19.82		
3	QPSK	15	0	19.86	19.93	19.82		
3	16QAM	1	0	19.86	19.98	19.86		
3	16QAM	1	8	19.80	19.88	19.71	21.7	0
3	16QAM	1	14	19.80	19.86	19.72		
3	16QAM	8	0	19.79	19.83	19.88		
3	16QAM	8	4	19.75	19.82	19.82	21.7	0
3	16QAM	8	7	19.76	19.83	19.80		
3	16QAM	15	0	19.84	19.89	19.76		
3	64QAM	1	0	19.85	20.02	19.85		
3	64QAM	1	8	19.75	19.86	19.80	21.7	0
3	64QAM	1	14	19.75	19.78	19.88		
3	64QAM	8	0	19.75	19.82	19.75		
3	64QAM	8	4	19.77	19.84	19.80	21.7	0
3	64QAM	8	7	19.77	19.82	19.79		
3	64QAM	15	0	19.84	19.83	19.70		
3	256QAM	1	0	18.91	19.03	18.93		
3	256QAM	1	8	18.85	18.97	18.70	20.7	1
3	256QAM	1	14	18.84	18.89	18.72		
3	256QAM	8	0	18.82	18.88	18.74		
3	256QAM	8	4	18.81	18.96	18.81	20.7	1
3	256QAM	8	7	18.88	18.84	18.85		
3	256QAM	15	0	18.90	18.94	18.81		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.87	20.03	19.93		
1.4	QPSK	1	3	19.82	19.93	19.74		
1.4	QPSK	1	5	19.83	19.89	19.71	21.7	0
1.4	QPSK	3	0	19.83	19.94	19.77		
1.4	QPSK	3	1	19.81	19.92	19.85		
1.4	QPSK	3	3	19.87	19.85	19.81		
1.4	QPSK	6	0	19.89	19.92	19.82	21.7	0
1.4	16QAM	1	0	19.85	19.98	19.86		
1.4	16QAM	1	3	19.79	19.88	19.71		
1.4	16QAM	1	5	19.80	19.86	19.72	21.7	0
1.4	16QAM	3	0	19.79	19.83	19.70		
1.4	16QAM	3	1	19.85	19.84	19.82		
1.4	16QAM	3	3	19.75	19.83	19.81		
1.4	16QAM	6	0	19.85	19.90	19.76	21.7	0
1.4	64QAM	1	0	19.86	20.03	19.85		
1.4	64QAM	1	3	19.76	19.88	19.79		
1.4	64QAM	1	5	19.75	19.80	19.70	21.7	0
1.4	64QAM	3	0	19.73	19.83	19.85		
1.4	64QAM	3	1	19.76	19.84	19.78		
1.4	64QAM	3	3	19.77	19.82	19.78		
1.4	64QAM	6	0	19.83	19.83	19.71	21.7	0
1.4	256QAM	1	0	18.92	19.03	18.94		
1.4	256QAM	1	3	18.85	18.98	18.73		
1.4	256QAM	1	5	18.85	18.89	18.72	20.7	1
1.4	256QAM	3	0	18.83	18.90	18.73		
1.4	256QAM	3	1	18.79	18.95	18.83		
1.4	256QAM	3	3	18.88	18.84	18.85		
1.4	256QAM	6	0	18.88	18.93	18.82	20.7	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.95	21.02	20.92		
20	QPSK	1	49	20.87	20.91	20.74	22.5	0
20	QPSK	1	99	20.84	20.96	20.79		
20	QPSK	50	0	20.87	20.90	20.88		
20	QPSK	50	24	20.92	20.92	20.78	22.5	0
20	QPSK	50	50	20.91	20.95	20.91		
20	QPSK	100	0	20.85	20.93	20.80		
20	16QAM	1	0	20.90	20.98	20.90		
20	16QAM	1	49	20.85	20.88	20.63	22.5	0
20	16QAM	1	99	20.74	20.88	20.75		
20	16QAM	50	0	20.77	20.95	20.81		
20	16QAM	50	24	20.86	20.83	20.72	22.5	0
20	16QAM	50	50	20.89	20.93	20.86		
20	16QAM	100	0	20.76	20.85	20.79		
20	64QAM	1	0	20.87	20.96	20.88		
20	64QAM	1	49	20.83	20.84	20.66	22.5	0
20	64QAM	1	99	20.78	20.86	20.68		
20	64QAM	50	0	20.83	20.89	20.83		
20	64QAM	50	24	20.87	20.81	20.69	22.5	0
20	64QAM	50	50	20.86	20.91	20.87		
20	64QAM	100	0	20.82	20.87	20.72		
20	256QAM	1	0	19.00	19.00	18.89		
20	256QAM	1	49	18.90	18.93	18.71	20.5	2
20	256QAM	1	99	18.84	19.00	18.83		
20	256QAM	50	0	18.84	19.02	18.92		
20	256QAM	50	24	18.92	18.90	18.77	20.5	2
20	256QAM	50	50	18.89	18.93	18.88		
20	256QAM	100	0	18.86	18.97	18.78		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.85	21.01	20.81		
15	QPSK	1	37	20.84	20.85	20.68	22.5	0
15	QPSK	1	74	20.81	20.87	20.70		
15	QPSK	36	0	20.81	20.89	20.78		
15	QPSK	36	20	20.90	20.86	20.68	22.5	0
15	QPSK	36	39	20.89	20.86	20.89		
15	QPSK	75	0	20.81	20.89	20.76		
15	16QAM	1	0	20.87	20.86	20.84		
15	16QAM	1	37	20.84	20.82	20.55	22.5	0
15	16QAM	1	74	20.68	20.79	20.70		
15	16QAM	36	0	20.70	20.92	20.74		
15	16QAM	36	20	20.84	20.80	20.70	22.5	0
15	16QAM	36	39	20.80	20.86	20.78		
15	16QAM	75	0	20.65	20.82	20.75		
15	64QAM	1	0	20.90	20.90	20.83		
15	64QAM	1	37	20.79	20.80	20.61	22.5	0
15	64QAM	1	74	20.74	20.80	20.63		
15	64QAM	36	0	20.76	20.80	20.80		
15	64QAM	36	20	20.84	20.71	20.66	22.5	0
15	64QAM	36	39	20.83	20.90	20.84		
15	64QAM	75	0	20.80	20.77	20.71		
15	256QAM	1	0	18.97	18.93	18.81		
15	256QAM	1	37	18.86	18.89	18.65	20.5	2
15	256QAM	1	74	18.82	18.91	18.76		
15	256QAM	36	0	18.77	18.91	18.83		
15	256QAM	36	20	18.83	18.86	18.73	20.5	2
15	256QAM	36	39	18.84	18.87	18.86		
15	256QAM	75	0	18.77	18.87	18.75		
Channel				37900	38000	38200		
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.88	21.00	20.83		
10	QPSK	1	25	20.85	20.86	20.69	22.5	0
10	QPSK	1	49	20.78	20.88	20.69		
10	QPSK	25	0	20.78	20.95	20.78		
10	QPSK	25	12	20.91	20.83	20.68	22.5	0
10	QPSK	25	25	20.80	20.84	20.87		
10	QPSK	50	0	20.81	20.89	20.78		
10	16QAM	1	0	20.81	20.94	20.80		
10	16QAM	1	25	20.84	20.83	20.56	22.5	0
10	16QAM	1	49	20.67	20.77	20.68		
10	16QAM	25	0	20.75	20.86	20.71		
10	16QAM	25	12	20.76	20.73	20.67	22.5	0
10	16QAM	25	25	20.80	20.90	20.83		
10	16QAM	50	0	20.70	20.78	20.72		
10	64QAM	1	0	20.81	20.90	20.83		
10	64QAM	1	25	20.75	20.79	20.65	22.5	0
10	64QAM	1	49	20.74	20.77	20.66		
10	64QAM	25	0	20.75	20.86	20.74		
10	64QAM	25	12	20.83	20.80	20.65	22.5	0
10	64QAM	25	25	20.84	20.89	20.84		
10	64QAM	50	0	20.71	20.84	20.67		
10	256QAM	1	0	18.95	18.93	18.87		
10	256QAM	1	25	18.85	18.88	18.65	20.5	2
10	256QAM	1	49	18.77	18.92	18.77		
10	256QAM	25	0	18.81	18.95	18.84		
10	256QAM	25	12	18.86	18.87	18.70	20.5	2
10	256QAM	25	25	18.86	18.86	18.86		
10	256QAM	50	0	18.83	18.96	18.70		
Channel				37775	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.85	20.92	20.85		
5	QPSK	1	12	20.79	20.81	20.69	22.5	0
5	QPSK	1	24	20.78	20.92	20.71		
5	QPSK	12	0	20.74	20.94	20.82		
5	QPSK	12	7	20.81	20.81	20.76	22.5	0
5	QPSK	12	13	20.86	20.93	20.82		
5	QPSK	25	0	20.75	20.87	20.73		
5	16QAM	1	0	20.84	20.91	20.79		
5	16QAM	1	12	20.84	20.78	20.60	22.5	0
5	16QAM	1	24	20.72	20.81	20.73		
5	16QAM	12	0	20.67	20.88	20.78		
5	16QAM	12	7	20.80	20.79	20.68	22.5	0
5	16QAM	12	13	20.86	20.87	20.82		
5	16QAM	25	0	20.66	20.75	20.78		
5	64QAM	1	0	20.80	20.90	20.80		
5	64QAM	1	12	20.80	20.82	20.64	22.5	0
5	64QAM	1	24	20.70	20.82	20.59		
5	64QAM	12	0	20.72	20.86	20.76		
5	64QAM	12	7	20.80	20.72	20.59	22.5	0
5	64QAM	12	13	20.81	20.86	20.82		
5	64QAM	25	0	20.79	20.83	20.70		
5	256QAM	1	0	18.97	18.91	18.80		
5	256QAM	1	12	18.83	18.88	18.61	20.5	2
5	256QAM	1	24	18.79	18.97	18.73		
5	256QAM	12	0	18.83	18.93	18.88		
5	256QAM	12	7	18.82	18.87	18.75	20.5	2
5	256QAM	12	13	18.84	18.86	18.86		
5	256QAM	25	0	18.85	18.89	18.72		

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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	20.79	20.71	21.08	20.96	20.71		
20	QPSK	1	49	20.85	20.95	20.99	20.99	20.98	22.5	0
20	QPSK	1	99	20.98	20.97	21.04	20.92	20.85		
20	QPSK	50	0	20.91	20.89	21.06	20.90	20.84		
20	QPSK	50	24	20.89	20.94	21.00	20.98	20.88	22.5	0
20	QPSK	50	50	20.91	20.98	20.98	20.82	20.86		
20	QPSK	100	0	20.98	20.88	21.01	20.90	20.86		
20	16QAM	1	0	20.74	20.60	20.99	20.91	20.77		
20	16QAM	1	49	20.77	20.87	20.95	20.97	20.90	22.5	0
20	16QAM	1	99	20.89	20.89	21.03	20.86	20.75		
20	16QAM	50	0	20.79	20.84	20.96	20.84	20.82		
20	16QAM	50	24	20.79	20.86	20.89	20.97	20.78	22.5	0
20	16QAM	50	50	20.80	20.93	20.89	20.78	20.80		
20	16QAM	100	0	20.96	20.78	20.97	20.86	20.85		
20	64QAM	1	0	20.69	20.69	21.03	20.86	20.79		
20	64QAM	1	49	20.75	20.91	20.95	20.90	20.87	22.5	0
20	64QAM	1	99	20.93	20.95	20.99	20.88	20.81		
20	64QAM	50	0	20.98	20.88	20.99	20.81	20.74		
20	64QAM	50	24	20.86	20.92	20.93	20.91	20.81	22.5	0
20	64QAM	50	50	20.87	20.96	20.89	20.74	20.84		
20	64QAM	100	0	20.94	20.81	20.92	20.88	20.81		
20	256QAM	1	0	18.83	18.75	19.04	18.92	18.79	20.5	2
20	256QAM	1	49	18.81	18.99	18.98	18.98	18.95		
20	256QAM	1	99	18.94	18.99	19.05	18.88	18.85		
20	256QAM	50	0	18.93	18.88	19.08	18.94	18.80		
20	256QAM	50	24	18.86	18.98	18.98	19.02	18.85	20.5	2
20	256QAM	50	50	18.87	18.96	18.96	18.84	18.89		
20	256QAM	100	0	18.97	18.84	18.99	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	20.78	20.62	21.05	20.92	20.76		
15	QPSK	1	37	20.74	20.93	20.97	20.92	20.92	23	0
15	QPSK	1	74	20.97	20.90	20.96	20.88	20.82		
15	QPSK	36	0	20.87	20.81	21.03	20.85	20.78		
15	QPSK	36	20	20.84	20.90	20.96	20.93	20.83	22.5	0
15	QPSK	36	39	20.80	20.88	20.93	20.81	20.76		
15	QPSK	75	0	20.88	20.80	20.94	20.83	20.81		
15	16QAM	1	0	20.69	20.53	20.89	20.80	20.73		
15	16QAM	1	37	20.72	20.76	20.84	20.96	20.80	22.5	0
15	16QAM	1	74	20.84	20.82	20.96	20.78	20.70		
15	16QAM	36	0	20.87	20.78	20.94	20.77	20.71		
15	16QAM	36	20	20.74	20.75	20.79	20.90	20.69	22.5	0
15	16QAM	36	39	20.77	20.85	20.85	20.69	20.78		
15	16QAM	75	0	20.86	20.77	20.89	20.80	20.77		
15	64QAM	1	0	20.59	20.64	20.96	20.85	20.77		
15	64QAM	1	37	20.66	20.86	20.86	20.80	20.85	22.5	0
15	64QAM	1	74	20.90	20.92	20.94	20.87	20.76		
15	64QAM	36	0	20.82	20.71	20.91	20.78	20.73		
15	64QAM	36	20	20.84	20.90	20.82	20.87	20.77	22.5	0
15	64QAM	36	39	20.81	20.89	20.78	20.72	20.81		
15	64QAM	75	0	20.90	20.74	20.89	20.87	20.78		
15	256QAM	1	0	18.81	18.70	18.95	18.91	18.75		
15	256QAM	1	37	18.74	18.91	18.92	18.91	18.87	20.5	2
15	256QAM	1	74	18.85	18.90	18.97	18.81	18.80		
15	256QAM	36	0	18.85	18.78	18.98	18.91	18.71		
15	256QAM	36	20	18.83	18.91	18.94	18.99	18.74	20.5	2
15	256QAM	36	39	18.84	18.92	18.91	18.77	18.84		
15	256QAM	75	0	18.94	18.75	18.90	18.89	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	20.69	20.61	21.01	20.92	20.76		
10	QPSK	1	25	20.79	20.87	20.95	20.89	20.94	23	0
10	QPSK	1	49	20.94	20.91	20.99	20.81	20.78		
10	QPSK	25	0	20.89	20.83	20.98	20.82	20.81		
10	QPSK	25	12	20.79	20.91	20.98	20.92	20.82	22.5	0
10	QPSK	25	25	20.85	20.97	20.92	20.85	20.83		
10	QPSK	50	0	20.91	20.80	20.92	20.86	20.83		
10	16QAM	1	0	20.64	20.52	20.97	20.81	20.72		
10	16QAM	1	25	20.75	20.80	20.92	20.91	20.89	22.5	0
10	16QAM	1	49	20.85	20.84	21.01	20.83	20.67		
10	16QAM	25	0	20.87	20.78	20.94	20.74	20.71		
10	16QAM	25	12	20.73	20.82	20.85	20.89	20.70	22.5	0
10	16QAM	25	25	20.73	20.82	20.78	20.74	20.70		
10	16QAM	50	0	20.95	20.89	20.94	20.81	20.82		
10	64QAM	1	0	20.63	20.59	21.01	20.81	20.77		
10	64QAM	1	25	20.80	20.90	20.85	20.88	20.82	22.5	0
10	64QAM	1	49	20.89	20.85	20.92	20.79	20.73		
10	64QAM	25	0	20.87	20.79	20.96	20.79	20.70		
10	64QAM	25	12	20.80	20.90	20.87	20.89	20.72	22.5	0
10	64QAM	25	25	20.83	20.89	20.79	20.72	20.73		
10	64QAM	50	0	20.88	20.75	20.87	20.77	20.77		
10	256QAM	1	0	18.74	18.69	19.00	18.83	18.75		
10	256QAM	1	25	18.86	18.93	18.96	18.89	18.94	20.5	2
10	256QAM	1	49	18.93	18.90	18.96	18.86	18.78		
10	256QAM	25	0	18.86	18.80	18.96	18.85	18.75		
10	256QAM	25	12	18.76	18.95	18.89	18.94	18.75	20.5	2
10	256QAM	25	25	18.76	18.88	18.89	18.79	18.83		
10	256QAM	50	0	18.90	18.74	18.92	18.84	18.86		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2544.8	2593	2640.3	2688.5		
5	QPSK	1	0	20.74	20.67	21.05	20.87	20.72		
5	QPSK	1	12	20.74	20.88	20.91	20.89	20.94	23	0
5	QPSK	1	24	20.81	20.89	21.02	20.85	20.82		
5	QPSK	12	0	20.84	20.79	20.99	20.84	20.74		
5	QPSK	12	7	20.87	20.88	20.94	20.91	20.82	22.5	0
5	QPSK	12	13	20.89	20.96	20.89	20.80	20.80		
5	QPSK	25	0	20.80	20.85	20.95	20.96	20.78		
5	16QAM	1	0	20.72	20.52	20.93	20.81	20.71		
5	16QAM	1	12	20.68	20.80	20.87	20.91	20.83	22.5	0
5	16QAM	1	24	20.79	20.84	20.77	20.77	20.70		
5	16QAM	12	0	20.79	20.82	20.90	20.80	20.74		
5	16QAM	12	7	20.72	20.76	20.78	20.86	20.71	22.5	0
5	16QAM	12	13	20.71	20.90	20.78	20.73	20.70		
5	16QAM	25	0	20.89	20.69	20.93	20.78	20.83		
5	64QAM	1	0	20.66	20.66	20.95	20.79	20.77		
5	64QAM	1	12	20.71	20.83	20.87	20.85	20.77	22.5	0
5	64QAM	1	24	20.82	20.93	20.89	20.84	20.72		
5	64QAM	12	0	20.81	20.72	20.89	20.73	20.73		
5	64QAM	12	7	20.80	20.91	20.89	20.87	20.74	22.5	0
5	64QAM	12	13	20.84	20.94	20.87	20.72	20.78		
5	64QAM	25	0	20.84	20.72	20.82	20.78	20.74		
5	256QAM	1	0	18.79	18.64	19.00	18.88	18.75		
5	256QAM	1	12	18.79	18.97	18.97	18.88	18.93	20.5	2
5	256QAM	1	24	18.85	18.96	18.99	18.81	18.78		
5	256QAM	12	0	18.88	18.84	19.02	18.85	18.74		
5	256QAM	12	7	18.76	18.95	18.96	18.92	18.80	20.5	2
5	256QAM	12	13	18.84	18.94	18.87	18.79	18.83		
5	256QAM	25	0	18.95	18.74	18.92	18.86	18.78		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.68	21.95	21.65		
20	QPSK	1	49	21.83	21.79	21.84	23.5	0
20	QPSK	1	99	21.77	21.76	21.77		
20	QPSK	50	0	21.79	21.92	21.69		
20	QPSK	50	24	21.87	21.70	21.73	23.5	0
20	QPSK	50	50	21.81	21.90	21.79		
20	QPSK	100	0	21.76	21.92	21.79		
20	16QAM	1	0	21.57	21.91	21.59		
20	16QAM	1	49	21.79	21.77	21.79	23.5	0
20	16QAM	1	99	21.73	21.73	21.72		
20	16QAM	50	0	21.71	21.89	21.63		
20	16QAM	50	24	21.82	21.62	21.72	22.5	1
20	16QAM	50	50	21.79	21.84	21.76		
20	16QAM	100	0	21.74	21.81	21.75		
20	64QAM	1	0	21.59	21.92	21.58		
20	64QAM	1	49	21.79	21.73	21.78	22.5	1
20	64QAM	1	99	21.69	21.65	21.74		
20	64QAM	50	0	19.71	19.91	19.68		
20	64QAM	50	24	19.85	19.75	19.86	21.5	2
20	64QAM	50	50	19.78	19.76	19.75		
20	64QAM	100	0	19.77	19.96	19.69		
20	256QAM	1	0	17.68	17.94	17.63		
20	256QAM	1	49	17.80	17.80	17.83	19.5	4
20	256QAM	1	99	17.80	17.77	17.77		
20	256QAM	50	0	17.78	17.94	17.71		
20	256QAM	50	24	17.91	17.67	17.71	19.5	4
20	256QAM	50	50	17.79	17.92	17.83		
20	256QAM	100	0	17.82	17.91	17.84		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.65	21.88	21.54		
15	QPSK	1	37	21.73	21.68	21.75	23.5	0
15	QPSK	1	74	21.76	21.71	21.75		
15	QPSK	36	0	21.77	21.90	21.68		
15	QPSK	36	20	21.83	21.62	21.68	23.5	0
15	QPSK	36	39	21.76	21.83	21.69		
15	QPSK	75	0	21.70	21.83	21.73		
15	16QAM	1	0	21.51	21.81	21.58		
15	16QAM	1	37	21.77	21.74	21.74	23.5	0
15	16QAM	1	74	21.63	21.66	21.70		
15	16QAM	36	0	21.68	21.80	21.53		
15	16QAM	36	20	21.76	21.60	21.63	22.5	1
15	16QAM	36	39	21.73	21.77	21.68		
15	16QAM	75	0	21.64	21.75	21.72		
15	64QAM	1	0	21.55	21.83	21.54		
15	64QAM	1	37	21.75	21.65	21.68	22.5	1
15	64QAM	1	74	21.60	21.63	21.65		
15	64QAM	36	0	19.61	19.82	19.60		
15	64QAM	36	20	19.79	19.70	19.84	21.5	2
15	64QAM	36	39	19.69	19.67	19.73		
15	64QAM	75	0	19.72	19.91	19.68		
15	256QAM	1	0	17.58	17.90	17.58		
15	256QAM	1	37	17.73	17.78	17.80	19.5	4
15	256QAM	1	74	17.79	17.75	17.72		
15	256QAM	36	0	17.76	17.86	17.61		
15	256QAM	36	20	17.85	17.65	17.70	19.5	4
15	256QAM	36	39	17.73	17.81	17.75		
15	256QAM	75	0	17.78	17.90	17.78		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.64	21.85	21.54		
10	QPSK	1	25	21.69	21.74	21.77	23.5	0
10	QPSK	1	49	21.71	21.70	21.76		
10	QPSK	25	0	21.72	21.89	21.66		
10	QPSK	25	12	21.85	21.65	21.64	23.5	0
10	QPSK	25	25	21.79	21.86	21.72		
10	QPSK	50	0	21.69	21.89	21.77		
10	16QAM	1	0	21.54	21.85	21.52		
10	16QAM	1	25	21.74	21.71	21.70	23.5	0
10	16QAM	1	49	21.65	21.67	21.66		
10	16QAM	25	0	21.66	21.83	21.55		
10	16QAM	25	12	21.72	21.59	21.62	22.5	1
10	16QAM	25	25	21.68	21.74	21.75		
10	16QAM	50	0	21.64	21.73	21.74		
10	64QAM	1	0	21.55	21.87	21.53		
10	64QAM	1	25	21.69	21.66	21.69	22.5	1
10	64QAM	1	49	21.66	21.59	21.63		
10	64QAM	25	0	19.61	19.87	19.67		
10	64QAM	25	12	19.84	19.74	19.83	21.5	2
10	64QAM	25	25	19.75	19.75	19.69		
10	64QAM	50	0	19.66	19.91	19.66		
10	256QAM	1	0	17.62	17.89	17.59		
10	256QAM	1	25	17.80	17.75	17.81	19.5	4
10	256QAM	1	49	17.77	17.74	17.68		
10	256QAM	25	0	17.72	17.86	17.61		
10	256QAM	25	12	17.83	17.87	17.63	19.5	4
10	256QAM	25	25	17.77	17.82	17.81		
10	256QAM	50	0	17.79	17.85	17.79		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.65	21.85	21.64		
5	QPSK	1	12	21.77	21.73	21.79	23.5	0
5	QPSK	1	24	21.72	21.84	21.77		
5	QPSK	12	0	21.72	21.84	21.61		
5	QPSK	12	7	21.78	21.66	21.68	23.5	0
5	QPSK	12	13	21.72	21.81	21.78		
5	QPSK	25	0	21.73	21.86	21.71		
5	16QAM	1	0	21.55	21.88	21.54		
5	16QAM	1	12	21.77	21.68	21.76	23.5	0

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BW [MHz]	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	17.94	17.99	17.85		
20	QPSK	1	49	17.79	17.91	17.90	18.7	0
20	QPSK	1	99	17.82	17.92	17.90		
20	QPSK	50	0	17.81	17.86	17.80		
20	QPSK	50	24	17.80	17.81	17.84	18.7	0
20	QPSK	50	50	17.84	17.83	17.82		
20	QPSK	100	0	17.81	17.93	17.80		
20	16QAM	1	0	17.87	17.86	17.83		
20	16QAM	1	49	17.68	17.85	17.83	18.7	0
20	16QAM	1	99	17.75	17.91	17.84		
20	16QAM	50	0	17.71	17.82	17.74		
20	16QAM	50	24	17.75	17.72	17.78	18.7	0
20	16QAM	50	50	17.78	17.78	17.75		
20	16QAM	100	0	17.76	17.86	17.72		
20	64QAM	1	0	17.88	17.90	17.80		
20	64QAM	1	49	17.71	17.87	17.87	18.7	0
20	64QAM	1	99	17.75	17.87	17.89		
20	64QAM	50	0	17.80	17.78	17.76		
20	64QAM	50	24	17.70	17.74	17.80	18.7	0
20	64QAM	50	50	17.76	17.77	17.74		
20	64QAM	100	0	17.76	17.88	17.73		
20	256QAM	1	0	17.84	17.87	17.84		
20	256QAM	1	49	17.73	17.81	17.81	18.7	0
20	256QAM	1	99	17.74	17.86	17.84		
20	256QAM	50	0	17.77	17.78	17.74		
20	256QAM	50	24	17.76	17.76	17.80	18.7	0
20	256QAM	50	50	17.76	17.78	17.72		
20	256QAM	100	0	17.72	17.90	17.69		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.84	17.93	17.81		
15	QPSK	1	37	17.70	17.81	17.80	18.7	0
15	QPSK	1	74	17.73	17.86	17.80		
15	QPSK	36	0	17.71	17.82	17.78		
15	QPSK	36	20	17.70	17.79	17.77	18.7	0
15	QPSK	36	39	17.83	17.80	17.80		
15	QPSK	75	0	17.72	17.87	17.72		
15	16QAM	1	0	17.79	17.76	17.77		
15	16QAM	1	37	17.60	17.80	17.82	18.7	0
15	16QAM	1	74	17.73	17.89	17.82		
15	16QAM	36	0	17.68	17.79	17.70		
15	16QAM	36	20	17.67	17.81	17.72	18.7	0
15	16QAM	36	39	17.74	17.74	17.66		
15	16QAM	75	0	17.72	17.76	17.62		
15	64QAM	1	0	17.79	17.81	17.73		
15	64QAM	1	37	17.81	17.84	17.82	18.7	0
15	64QAM	1	74	17.71	17.84	17.88		
15	64QAM	36	0	17.76	17.72	17.66		
15	64QAM	36	20	17.64	17.66	17.74	18.7	0
15	64QAM	36	39	17.68	17.69	17.69		
15	64QAM	75	0	17.69	17.83	17.64		
15	256QAM	1	0	17.74	17.82	17.79		
15	256QAM	1	37	17.70	17.78	17.70	18.7	0
15	256QAM	1	74	17.63	17.77	17.77		
15	256QAM	36	0	17.67	17.74	17.65		
15	256QAM	36	20	17.71	17.70	17.75	18.7	0
15	256QAM	36	39	17.69	17.67	17.62		
15	256QAM	75	0	17.67	17.89	17.63		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.85	17.93	17.80		
10	QPSK	1	25	17.74	17.88	17.86	18.7	0
10	QPSK	1	49	17.76	17.83	17.81		
10	QPSK	25	0	17.79	17.78	17.69		
10	QPSK	25	12	17.77	17.76	17.78	18.7	0
10	QPSK	25	25	17.83	17.72	17.75		
10	QPSK	50	0	17.71	17.84	17.70		
10	16QAM	1	0	17.81	17.79	17.80		
10	16QAM	1	25	17.66	17.75	17.79	18.7	0
10	16QAM	1	49	17.65	17.85	17.75		
10	16QAM	25	0	17.69	17.76	17.63		
10	16QAM	25	12	17.66	17.66	17.73	18.7	0
10	16QAM	25	25	17.70	17.75	17.70		
10	16QAM	50	0	17.69	17.79	17.69		
10	64QAM	1	0	17.82	17.81	17.74		
10	64QAM	1	25	17.64	17.83	17.81	18.7	0
10	64QAM	1	49	17.69	17.80	17.81		
10	64QAM	25	0	17.73	17.69	17.70		
10	64QAM	25	12	17.63	17.66	17.71	18.7	0
10	64QAM	25	25	17.72	17.74	17.66		
10	64QAM	50	0	17.71	17.85	17.68		
10	256QAM	1	0	17.77	17.76	17.80		
10	256QAM	1	25	17.72	17.74	17.75	18.7	0
10	256QAM	1	49	17.65	17.79	17.80		
10	256QAM	25	0	17.76	17.72	17.67		
10	256QAM	25	12	17.72	17.66	17.76	18.7	0
10	256QAM	25	25	17.70	17.77	17.69		
10	256QAM	50	0	17.71	17.81	17.62		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.92	17.87	17.77		
5	QPSK	1	12	17.71	17.82	17.82	18.7	0
5	QPSK	1	24	17.73	17.83	17.85		
5	QPSK	12	0	17.70	17.76	17.79		
5	QPSK	12	7	17.70	17.73	17.74	18.7	0
5	QPSK	12	13	17.82	17.78	17.79		
5	QPSK	25	0	17.75	17.89	17.79		
5	16QAM	1	0	17.80	17.83	17.77		
5	16QAM	1	12	17.66	17.75	17.72	18.7	0
5	16QAM	1	24	17.65	17.88	17.78		
5	16QAM	12	0	17.62	17.72	17.68		
5	16QAM	12	7	17.65	17.71	17.76	18.7	0
5	16QAM	12	13	17.73	17.76	17.70		
5	16QAM	25	0	17.71	17.78	17.65		
5	64QAM	1	0	17.80	17.86	17.70		
5	64QAM	1	12	17.62	17.82	17.76	18.7	0
5	64QAM	1	24	17.73	17.82	17.80		
5	64QAM	12	0	17.79	17.72	17.70		
5	64QAM	12	7	17.64	17.66	17.74	18.7	0
5	64QAM	12	13	17.66	17.72	17.72		
5	64QAM	25	0	17.69	17.78	17.65		
5	256QAM	1	0	17.81	17.82	17.78		
5	256QAM	1	12	17.69	17.78	17.73	18.7	0
5	256QAM	1	24	17.69	17.85	17.77		
5	256QAM	12	0	17.72	17.74	17.64		
5	256QAM	12	7	17.74	17.74	17.77	18.7	0
5	256QAM	12	13	17.67	17.73	17.68		
5	256QAM	25	0	17.63	17.83	17.67		

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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	17.38	17.69	17.51	17.31		
20	QPSK	1	49	17.43	17.57	17.49	17.51	18.2	0
20	QPSK	1	99	17.44	17.54	17.46	17.58		
20	QPSK	50	0	17.45	17.62	17.60	17.59		
20	QPSK	50	24	17.44	17.52	17.42	17.55	18.2	0
20	QPSK	50	50	17.57	17.57	17.56	17.47		
20	QPSK	100	0	17.49	17.52	17.48	17.51		
20	16QAM	1	0	17.33	17.67	17.49	17.24		
20	16QAM	1	49	17.41	17.51	17.41	17.45	18.2	0
20	16QAM	1	99	17.36	17.52	17.36	17.49		
20	16QAM	50	0	17.35	17.51	17.58	17.49		
20	16QAM	50	24	17.33	17.48	17.38	17.51	18.2	0
20	16QAM	50	50	17.46	17.50	17.54	17.39		
20	16QAM	100	0	17.41	17.51	17.44	17.41		
20	64QAM	1	0	17.28	17.62	17.48	17.28		
20	64QAM	1	49	17.32	17.47	17.48	17.42	18.2	0
20	64QAM	1	99	17.40	17.47	17.41	17.53		
20	64QAM	50	0	17.40	17.58	17.51	17.56		
20	64QAM	50	24	17.40	17.45	17.33	17.48	18.2	0
20	64QAM	50	50	17.50	17.55	17.46	17.37		
20	64QAM	100	0	17.48	17.46	17.46	17.43		
20	256QAM	1	0	17.32	17.62	17.42	17.20		
20	256QAM	1	49	17.41	17.54	17.43	17.43	18.2	0
20	256QAM	1	99	17.35	17.49	17.45	17.49		
20	256QAM	50	0	17.36	17.55	17.58	17.55		
20	256QAM	50	24	17.35	17.45	17.33	17.52	18.2	0
20	256QAM	50	50	17.51	17.56	17.46	17.44		
20	256QAM	100	0	17.48	17.46	17.39	17.42		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.32	17.61	17.48	17.21		
15	QPSK	1	37	17.35	17.48	17.44	17.48	18.2	0
15	QPSK	1	74	17.39	17.44	17.39	17.47		
15	QPSK	36	0	17.36	17.55	17.54	17.49		
15	QPSK	36	20	17.35	17.48	17.37	17.47	18.2	0
15	QPSK	36	39	17.52	17.50	17.55	17.45		
15	QPSK	75	0	17.45	17.46	17.40	17.40		
15	16QAM	1	0	17.30	17.63	17.39	17.14		
15	16QAM	1	37	17.37	17.42	17.31	17.39	18.2	0
15	16QAM	1	74	17.27	17.44	17.30	17.47		
15	16QAM	36	0	17.33	17.49	17.55	17.41		
15	16QAM	36	20	17.30	17.45	17.31	17.41	18.2	0
15	16QAM	36	39	17.39	17.44	17.52	17.38		
15	16QAM	75	0	17.33	17.50	17.37	17.37		
15	64QAM	1	0	17.25	17.51	17.44	17.25		
15	64QAM	1	37	17.21	17.42	17.42	17.32	18.2	0
15	64QAM	1	74	17.32	17.39	17.36	17.44		
15	64QAM	36	0	17.38	17.49	17.49	17.46		
15	64QAM	36	20	17.35	17.36	17.26	17.47	18.2	0
15	64QAM	36	39	17.40	17.52	17.43	17.35		
15	64QAM	75	0	17.38	17.47	17.42	17.33		
15	256QAM	1	0	17.22	17.47	17.35	17.19		
15	256QAM	1	37	17.34	17.51	17.36	17.39	18.2	0
15	256QAM	1	74	17.29	17.48	17.38	17.41		
15	256QAM	36	0	17.32	17.47	17.51	17.40		
15	256QAM	36	20	17.30	17.40	17.24	17.42	18.2	0
15	256QAM	36	39	17.44	17.55	17.40	17.33		
15	256QAM	75	0	17.39	17.37	17.30	17.41		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.35	17.59	17.42	17.23		
10	QPSK	1	25	17.33	17.53	17.39	17.45	18.2	0
10	QPSK	1	49	17.40	17.45	17.41	17.48		
10	QPSK	25	0	17.34	17.52	17.53	17.49		
10	QPSK	25	12	17.40	17.48	17.31	17.49	18.2	0
10	QPSK	25	25	17.51	17.47	17.55	17.39		
10	QPSK	50	0	17.48	17.46	17.37	17.50		
10	16QAM	1	0	17.31	17.60	17.39	17.17		
10	16QAM	1	25	17.30	17.44	17.30	17.35	18.2	0
10	16QAM	1	49	17.31	17.46	17.25	17.47		
10	16QAM	25	0	17.32	17.50	17.48	17.43		
10	16QAM	25	12	17.22	17.38	17.29	17.44	18.2	0
10	16QAM	25	25	17.36	17.46	17.33	17.29		
10	16QAM	50	0	17.33	17.48	17.35	17.36		
10	64QAM	1	0	17.18	17.55	17.42	17.24		
10	64QAM	1	25	17.27	17.41	17.47	17.34	18.2	0
10	64QAM	1	49	17.39	17.39	17.35	17.46		
10	64QAM	25	0	17.33	17.52	17.45	17.53		
10	64QAM	25	12	17.32	17.39	17.24	17.46	18.2	0
10	64QAM	25	25	17.45	17.52	17.42	17.28		
10	64QAM	50	0	17.39	17.47	17.40	17.42		
10	256QAM	1	0	17.30	17.61	17.35	17.11		
10	256QAM	1	25	17.38	17.48	17.38	17.39	18.2	0
10	256QAM	1	49	17.31	17.47	17.42	17.42		
10	256QAM	25	0	17.30	17.54	17.48	17.52		
10	256QAM	25	12	17.26	17.42	17.32	17.50	18.2	0
10	256QAM	25	25	17.48	17.49	17.44	17.39		
10	256QAM	50	0	17.41	17.37	17.35	17.35		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.30	17.65	17.50	17.28		
5	QPSK	1	12	17.35	17.55	17.48	17.43	18.2	0
5	QPSK	1	24	17.41	17.46	17.44	17.49		
5	QPSK	12	0	17.42	17.60	17.53	17.55		
5	QPSK	12	7	17.41	17.49	17.39	17.48	18.2	0
5	QPSK	12	13	17.49	17.53	17.53	17.37		
5	QPSK	25	0	17.41	17.49	17.55	17.49		
5	16QAM	1	0	17.31	17.66	17.42	17.20		
5	16QAM	1	12	17.37	17.43	17.33	17.43	18.2	0
5	16QAM	1	24	17.26	17.47	17.25	17.39		
5	16QAM	12	0	17.30	17.46	17.55	17.46		
5	16QAM	12	7	17.31	17.41	17.37	17.44	18.2	0
5	16QAM	12	13	17.45	17.48	17.46	17.31		
5	16QAM	25	0	17.34	17.42	17.40	17.39		
5	64QAM	1	0	17.20	17.58	17.43	17.21		
5	64QAM	1	12	17.22	17.41	17.46	17.32	18.2	0
5	64QAM	1	24	17.38	17.36	17.39	17.47		
5	64QAM	12	0	17.35	17.51	17.45	17.53		
5	64QAM	12	7	17.30	17.40	17.29	17.40	18.2	0
5	64QAM	12	13	17.47	17.43	17.43	17.28		
5	64QAM	25	0	17.44	17.41	17.44	17.41		
5	256QAM	1	0	17.24	17.51	17.37	17.15		
5	256QAM	1	12	17.33	17.50	17.33	17.40	18.2	0
5	256QAM	1	24	17.27	17.41	17.40	17.39		
5	256QAM	12	0	17.27	17.52	17.52	17.51		
5	256QAM	12	7	17.33	17.41	17.25	17.50	18.2	0
5	256QAM	12	13	17.49	17.50	17.40	17.39		
5	256QAM	25	0	17.46	17.43	17.38	17.36		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.80	19.83	19.66		
20	QPSK	1	49	19.74	19.80	19.68	20.5	0
20	QPSK	1	99	19.75	19.80	19.71		
20	QPSK	50	0	19.20	19.32	19.19		
20	QPSK	50	24	19.20	19.21	19.26	20	0.5
20	QPSK	50	50	19.21	19.31	19.18		
20	QPSK	100	0	19.28	19.38	19.18		
20	16QAM	1	0	19.10	19.11	19.17		
20	16QAM	1	49	19.10	19.30	19.16	20	0.5
20	16QAM	1	99	19.26	19.28	19.10		
20	16QAM	50	0	18.22	18.33	18.16		
20	16QAM	50	24	18.17	18.23	18.30	19	1.5
20	16QAM	50	50	18.23	18.34	18.14		
20	16QAM	100	0	18.33	18.39	18.13		
20	64QAM	1	0	18.12	18.08	18.21		
20	64QAM	1	49	18.11	18.25	18.14	19	1.5
20	64QAM	1	99	18.30	18.31	18.13		
20	64QAM	50	0	17.16	17.30	17.14		
20	64QAM	50	24	17.17	17.20	17.27	18	2.5
20	64QAM	50	50	17.25	17.32	17.17		
20	64QAM	100	0	17.32	17.42	17.16		
20	256QAM	1	0	15.24	15.31	15.23		
20	256QAM	1	49	15.21	15.18	15.23	16	4.5
20	256QAM	1	99	15.23	15.29	15.15		
20	256QAM	50	0	15.24	15.36	15.18		
20	256QAM	50	24	15.12	15.09	15.20	16	4.5
20	256QAM	50	50	15.11	15.32	15.17		
20	256QAM	100	0	15.31	15.28	15.11		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.74	19.78	19.61		
15	QPSK	1	37	19.73	19.77	19.59	20.5	0
15	QPSK	1	74	19.71	19.76	19.67		
15	QPSK	36	0	19.11	19.23	19.14		
15	QPSK	36	20	19.15	19.17	19.24	20	0.5
15	QPSK	36	39	19.14	19.24	19.15		
15	QPSK	75	0	19.25	19.32	19.11		
15	16QAM	1	0	19.07	19.05	19.12		
15	16QAM	1	37	19.08	19.25	19.14	20	0.5
15	16QAM	1	74	19.18	19.25	19.09		
15	16QAM	36	0	18.15	18.27	18.08		
15	16QAM	36	20	18.15	18.15	18.19	19	1.5
15	16QAM	36	39	18.13	18.31	18.05		
15	16QAM	75	0	18.22	18.37	18.04		
15	64QAM	1	0	18.11	18.06	18.11		
15	64QAM	1	37	18.05	18.23	18.03	19	1.5
15	64QAM	1	74	18.29	18.26	18.06		
15	64QAM	36	0	17.05	17.23	17.10		
15	64QAM	36	20	17.07	17.18	17.18	18	2.5
15	64QAM	36	39	17.23	17.24	17.13		
15	64QAM	75	0	17.30	17.40	17.13		
15	256QAM	1	0	15.20	15.23	15.14		
15	256QAM	1	37	15.14	15.12	15.12	16	4.5
15	256QAM	1	74	15.16	15.26	15.08		
15	256QAM	36	0	15.15	15.30	15.12		
15	256QAM	36	20	15.04	15.00	15.10	16	4.5
15	256QAM	36	39	15.09	15.26	15.07		
15	256QAM	75	0	15.27	15.21	15.04		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.75	19.81	19.59		
10	QPSK	1	25	19.72	19.74	19.65	20.5	0
10	QPSK	1	49	19.72	19.76	19.61		
10	QPSK	25	0	19.16	19.31	19.15		
10	QPSK	25	12	19.18	19.14	19.19	20	0.5
10	QPSK	25	25	19.17	19.27	19.14		
10	QPSK	50	0	19.25	19.32	19.15		
10	16QAM	1	0	19.08	19.04	19.14		
10	16QAM	1	25	19.08	19.22	19.15	20	0.5
10	16QAM	1	49	19.19	19.23	19.07		
10	16QAM	25	0	18.12	18.30	18.09		
10	16QAM	25	12	18.10	18.15	18.27	19	1.5
10	16QAM	25	25	18.13	18.26	18.05		
10	16QAM	50	0	18.27	18.29	18.10		
10	64QAM	1	0	18.08	18.05	18.10		
10	64QAM	1	25	18.03	18.18	18.08	19	1.5
10	64QAM	1	49	18.24	18.26	18.08		
10	64QAM	25	0	17.06	17.23	17.08		
10	64QAM	25	12	17.09	17.18	17.17	18	2.5
10	64QAM	25	25	17.17	17.30	17.15		
10	64QAM	50	0	17.27	17.41	17.09		
10	256QAM	1	0	15.22	15.24	15.18		
10	256QAM	1	25	15.17	15.07	15.20	16	4.5
10	256QAM	1	49	15.18	15.20	15.04		
10	256QAM	25	0	15.22	15.26	15.11		
10	256QAM	25	12	15.10	15.07	15.16	16	4.5
10	256QAM	25	25	15.03	15.31	15.13		
10	256QAM	50	0	15.23	15.27	15.03		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.78	19.75	19.58		
5	QPSK	1	12	19.63	19.74	19.67	20.5	0
5	QPSK	1	24	19.65	19.71	19.63		
5	QPSK	12	0	19.18	19.30	19.10		
5	QPSK	12	7	19.15	19.12	19.20	20	0.5
5	QPSK	12	13	19.15	19.25	19.15		
5	QPSK	25	0	19.18	19.33	19.15		
5	16QAM	1	0	19.00	19.02	19.13		
5	16QAM	1	12	19.07	19.21	19.14	20	0.5
5	16QAM	1	24	19.16	19.23	19.08		
5	16QAM	12	0	18.16	18.27	18.08		
5	16QAM	12	7	18.15	18.19	18.20	19	1.5
5	16QAM	12	13	18.22	18.24	18.06		
5	16QAM	25	0	18.25	18.38	18.06		
5	64QAM	1	0	18.04	17.97	18.19		
5	64QAM	1	12	18.01	18.20	18.09	19	1.5
5	64QAM	1	24	18.24	18.25	18.07		
5	64QAM	12	0	17.12	17.25	17.09		
5	64QAM	12	7	17.07	17.13	17.22	18	2.5
5	64QAM	12	13	17.14	17.29	17.07		
5	64QAM	25	0	17.28	17.40	17.12		
5	256QAM	1	0	15.22	15.20	15.18		
5	256QAM	1	12	15.20	15.15	15.13	16	4.5
5	256QAM	1	24	15.13	15.28	15.05		
5	256QAM	12	0	15.22	15.35	15.14		
5	256QAM	12	7	15.10	15.35	15.15	16	4.5
5	256QAM	12	13	15.02	15.28	15.12		
5	256QAM	25	0	15.24	15.26	15.02		

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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	17.15	17.29	17.11	17.05		
20	QPSK	1	49	17.19	17.15	17.16	17.05	18.5	0
20	QPSK	1	99	17.16	17.09	17.08	17.19		
20	QPSK	50	0	17.24	17.27	17.09	17.07		
20	QPSK	50	24	17.22	17.26	17.16	17.10	18.5	0
20	QPSK	50	50	17.21	17.16	17.14	17.10		
20	QPSK	100	0	17.22	17.25	17.18	17.22		
20	16QAM	1	0	17.07	17.23	17.03	17.01		
20	16QAM	1	49	17.16	17.12	17.13	16.98	18.5	0
20	16QAM	1	99	17.10	16.98	17.05	17.11		
20	16QAM	50	0	17.22	17.17	17.02	16.98		
20	16QAM	50	24	17.12	17.23	17.11	17.07	18.5	0
20	16QAM	50	50	17.17	17.14	17.04	17.02		
20	16QAM	100	0	17.17	17.23	17.13	17.12		
20	64QAM	1	0	17.09	17.26	17.06	16.95		
20	64QAM	1	49	17.12	17.06	17.08	16.98	18.5	0
20	64QAM	1	99	17.14	16.99	16.99	17.15		
20	64QAM	50	0	17.20	17.25	17.06	16.97		
20	64QAM	50	24	17.12	17.19	17.08	17.08	18.5	0
20	64QAM	50	50	17.11	17.05	17.13	17.02		
20	64QAM	100	0	17.16	17.18	17.08	17.15		
20	256QAM	1	0	15.11	15.33	15.06	15.02		
20	256QAM	1	49	15.23	15.19	15.14	15.06	16.5	2
20	256QAM	1	99	15.17	15.13	15.04	15.18		
20	256QAM	50	0	15.22	15.31	15.05	15.11		
20	256QAM	50	24	15.22	15.22	15.21	15.10	16.5	2
20	256QAM	50	50	15.16	15.14	15.10	15.09		
20	256QAM	100	0	15.26	15.22	15.21	15.27		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.10	17.26	17.00	17.03		
15	QPSK	1	37	17.10	17.08	17.13	16.95	18.5	0
15	QPSK	1	74	17.14	17.01	17.00	17.13		
15	QPSK	36	0	17.20	17.24	17.03	17.00		
15	QPSK	36	20	17.13	17.18	17.14	17.00	18.5	0
15	QPSK	36	39	17.17	17.07	17.07	17.04		
15	QPSK	75	0	17.17	17.21	17.16	17.13		
15	16QAM	1	0	17.02	17.12	17.00	16.95		
15	16QAM	1	37	17.12	17.03	17.06	16.88	18.5	0
15	16QAM	1	74	17.04	16.87	16.99	17.02		
15	16QAM	36	0	17.21	17.15	16.93	16.88		
15	16QAM	36	20	17.07	17.17	17.06	17.00	18.5	0
15	16QAM	36	39	17.10	17.13	17.02	16.92		
15	16QAM	75	0	17.14	17.20	17.07	17.08		
15	64QAM	1	0	17.02	17.22	17.01	16.93		
15	64QAM	1	37	17.02	17.04	17.05	16.93	18.5	0
15	64QAM	1	74	17.06	16.95	16.91	17.07		
15	64QAM	36	0	17.13	17.24	16.99	16.87		
15	64QAM	36	20	17.04	17.12	17.06	16.97	18.5	0
15	64QAM	36	39	17.06	16.99	17.10	16.93		
15	64QAM	75	0	17.12	17.12	17.00	17.06		
15	256QAM	1	0	15.02	15.25	15.04	15.04		
15	256QAM	1	37	15.13	15.09	15.03	15.07	16.5	2
15	256QAM	1	74	15.11	15.10	15.13	15.14		
15	256QAM	36	0	15.15	15.26	15.13	15.06		
15	256QAM	36	20	15.16	15.20	15.14	15.03	16.5	2
15	256QAM	36	39	15.11	15.06	15.02	15.07		
15	256QAM	75	0	15.24	15.19	15.18	15.17		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.12	17.26	17.10	16.95		
10	QPSK	1	25	17.16	17.05	17.06	17.04	18.5	0
10	QPSK	1	49	17.07	16.99	17.06	17.17		
10	QPSK	25	0	17.22	17.18	17.06	17.00		
10	QPSK	25	12	17.12	17.15	17.15	17.08	18.5	0
10	QPSK	25	25	17.14	17.07	17.06	17.04		
10	QPSK	50	0	17.12	17.21	17.15	17.19		
10	16QAM	1	0	16.98	17.12	16.93	16.97		
10	16QAM	1	25	17.11	17.08	17.03	16.92	18.5	0
10	16QAM	1	49	16.99	16.92	16.98	17.09		
10	16QAM	25	0	17.21	17.09	17.01	16.89		
10	16QAM	25	12	17.04	17.21	17.06	16.99	18.5	0
10	16QAM	25	25	17.08	17.11	16.96	17.00		
10	16QAM	50	0	17.11	17.20	17.03	17.02		
10	64QAM	1	0	17.08	17.21	17.01	16.94		
10	64QAM	1	25	17.04	17.03	17.05	16.92	18.5	0
10	64QAM	1	49	17.11	16.90	16.92	17.04		
10	64QAM	25	0	17.15	17.15	16.99	16.96		
10	64QAM	25	12	17.04	17.11	17.01	17.03	18.5	0
10	64QAM	25	25	17.09	17.03	17.11	16.97		
10	64QAM	50	0	17.06	17.16	17.06	17.12		
10	256QAM	1	0	15.02	15.23	15.05	15.00		
10	256QAM	1	25	15.14	15.09	15.10	15.02	16.5	2
10	256QAM	1	49	15.07	15.12	15.12	15.13		
10	256QAM	25	0	15.12	15.29	15.06	15.09		
10	256QAM	25	12	15.12	15.19	15.16	15.08	16.5	2
10	256QAM	25	25	15.12	15.06	15.04	15.12		
10	256QAM	50	0	15.19	15.12	15.11	15.20		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.12	17.19	17.03	17.02		
5	QPSK	1	12	17.17	17.07	17.14	16.99	18.5	0
5	QPSK	1	24	17.15	16.99	16.98	17.18		
5	QPSK	12	0	17.14	17.22	16.99	16.97		
5	QPSK	12	7	17.16	17.24	17.09	17.08	18.5	0
5	QPSK	12	13	17.10	17.08	17.04	16.99		
5	QPSK	25	0	17.11	17.19	17.08	17.19		
5	16QAM	1	0	17.02	17.13	16.98	16.92		
5	16QAM	1	12	17.13	17.02	17.05	16.92	18.5	0
5	16QAM	1	24	17.02	16.92	17.02	17.09		
5	16QAM	12	0	17.12	17.15	17.01	16.94		
5	16QAM	12	7	17.08	17.20	17.06	17.01	18.5	0
5	16QAM	12	13	17.10	17.11	17.00	16.94		
5	16QAM	25	0	17.16	17.17	17.04	17.01		
5	64QAM	1	0	17.06	17.24	17.02	16.94		
5	64QAM	1	12	17.04	16.97	17.02	16.95	18.5	0
5	64QAM	1	24	17.12	16.94	16.91	17.13		
5	64QAM	12	0	17.18	17.17	16.98	16.95		
5	64QAM	12	7	17.11	17.09	16.97	16.99	18.5	0
5	64QAM	12	13	17.04	16.94	17.04	17.01		
5	64QAM	25	0	17.05	17.10	17.04	17.06		
5	256QAM	1	0	15.03	15.24	15.01	15.15		
5	256QAM	1	12	15.20	15.12	15.08	15.00	16.5	2
5	256QAM	1	24	15.16	15.06	15.12	15.12		
5	256QAM	12	0	15.21	15.21	15.04	15.08		
5	256QAM	12	7	15.15	15.14	15.18	15.09	16.5	2
5	256QAM	12	13	15.14	15.11	15.02	15.04		
5	256QAM	25	0	15.23	15.18	15.12	15.24		

Reduced Power Mode for SA DSI 2

GSM850 Ant0 DSI2

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.84	32.90	32.87	34.50	23.84	23.90	23.87	25.50
GPRS 1 Tx slot	32.89	32.91	32.81	34.50	23.89	23.91	23.81	25.50
GPRS 2 Tx slots	30.16	30.18	30.17	31.50	24.16	24.18	24.17	25.50
GPRS 3 Tx slots	28.23	28.31	28.22	29.70	23.97	24.05	23.96	25.44
GPRS 4 Tx slots	27.13	27.15	27.08	28.50	24.13	24.15	24.08	25.50
EDGE 1 Tx slot	27.29	27.31	27.28	28.50	18.29	18.31	18.28	19.50
EDGE 2 Tx slots	24.91	24.94	24.91	25.50	18.91	18.94	18.91	19.50
EDGE 3 Tx slots	23.13	23.18	23.16	23.70	18.87	18.92	18.90	19.44
EDGE 4 Tx slots	21.68	21.73	21.72	22.50	18.68	18.73	18.72	19.50

		WCDMA V Ant0 DSI2				WCDMA IV Ant0 DSI2			
Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1752.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.85	24.84	24.82	25.70	21.94	22.07	22.00	23.80
3GPP Rel 99	RMC 12.2Kbps	24.91	24.95	24.93	25.70	22.02	22.15	22.01	23.80
3GPP Rel 6	HSDPA Subtest-1	23.71	24.01	23.75	24.70	21.11	21.41	21.14	22.80
3GPP Rel 6	HSDPA Subtest-2	23.66	23.86	23.82	24.70	21.05	21.23	21.25	22.80
3GPP Rel 6	HSDPA Subtest-3	23.16	23.27	23.21	24.20	20.57	20.70	20.60	22.30
3GPP Rel 6	HSDPA Subtest-4	23.31	23.25	23.16	24.20	20.69	20.68	20.60	22.30
3GPP Rel 8	DC-HSDPA Subtest-1	23.61	23.69	23.63	24.70	21.01	21.13	21.05	22.80
3GPP Rel 8	DC-HSDPA Subtest-2	23.64	23.85	23.73	24.70	21.03	21.21	21.15	22.80
3GPP Rel 8	DC-HSDPA Subtest-3	23.33	23.36	23.30	24.20	20.73	20.76	20.74	22.30
3GPP Rel 8	DC-HSDPA Subtest-4	23.36	23.25	23.17	24.20	20.74	20.68	20.55	22.30
3GPP Rel 6	HSUPA Subtest-1	23.79	24.00	23.80	24.70	21.19	21.36	21.24	22.80
3GPP Rel 6	HSUPA Subtest-2	21.77	21.76	21.89	22.70	19.19	19.18	19.29	20.80
3GPP Rel 6	HSUPA Subtest-3	22.75	22.90	22.80	23.70	20.16	20.30	20.22	21.80
3GPP Rel 6	HSUPA Subtest-4	21.63	21.94	21.62	22.70	19.04	19.31	19.06	20.80
3GPP Rel 6	HSUPA Subtest-5	23.55	23.88	23.76	24.70	20.99	21.30	21.14	22.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.27	21.32	21.21	22.20	18.63	18.68	18.57	20.30

Band 4 Ant0 Other PA DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.43	22.7	22.47		
20	QPSK	1	49	22.4	22.54	22.57	23.2	0
20	QPSK	1	99	22.4	22.53	22.38		
20	QPSK	50	0	22.46	22.59	22.55		
20	QPSK	50	24	22.47	22.54	22.56	23.2	0
20	QPSK	50	50	22.53	22.52	22.51		
20	QPSK	100	0	22.44	22.57	22.46		
20	16QAM	1	0	22.36	22.6	22.39		
20	16QAM	1	49	22.32	22.49	22.5	23.2	0
20	16QAM	1	99	22.29	22.46	22.48		
20	16QAM	50	0	22.38	22.57	22.38		
20	16QAM	50	24	22.29	22.48	22.49	23.2	0
20	16QAM	50	50	22.36	22.44	22.52		
20	16QAM	100	0	22.41	22.52	22.5		
20	64QAM	1	0	22.43	22.62	22.48		
20	64QAM	1	49	22.45	22.4	22.45	23.2	0
20	64QAM	1	99	22.36	22.49	22.35		
20	64QAM	50	0	21.96	22.25	21.94		
20	64QAM	50	24	21.89	22.03	22.03	22.7	0.5
20	64QAM	50	50	21.87	21.99	22.09		
20	64QAM	100	0	22.01	22.08	22.1		
20	256QAM	1	0	19.93	20.23	20		
20	256QAM	1	49	19.91	20.04	20.03	20.7	2.5
20	256QAM	1	99	19.89	20.03	20.08		
20	256QAM	50	0	19.93	20.1	20.04		
20	256QAM	50	24	20.01	20.07	20.04	20.7	2.5
20	256QAM	50	50	19.99	20.02	19.96		
20	256QAM	100	0	19.91	20.11	19.93		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.34	22.62	22.42		
15	QPSK	1	37	22.36	22.52	22.48	23.2	0
15	QPSK	1	74	22.31	22.44	22.56		
15	QPSK	36	0	22.38	22.49	22.53		
15	QPSK	36	20	22.4	22.52	22.48	23.2	0
15	QPSK	36	39	22.43	22.45	22.45		
15	QPSK	75	0	22.34	22.54	22.41		
15	16QAM	1	0	22.25	22.52	22.35		
15	16QAM	1	37	22.28	22.42	22.4	23.2	0
15	16QAM	1	74	22.23	22.42	22.43		
15	16QAM	36	0	22.32	22.52	22.32		
15	16QAM	36	20	22.27	22.41	22.38	23.2	0
15	16QAM	36	39	22.26	22.4	22.5		
15	16QAM	75	0	22.31	22.41	22.46		
15	64QAM	1	0	22.34	22.33	22.41		
15	64QAM	1	37	22.38	22.37	22.41	23.2	0
15	64QAM	1	74	22.34	22.38	22.32		
15	64QAM	36	0	21.9	22.18	21.92		
15	64QAM	36	20	21.8	21.97	21.99	22.7	0.5
15	64QAM	36	39	21.84	21.97	22.01		
15	64QAM	75	0	21.98	22.03	22.07		
15	256QAM	1	0	19.83	20.16	19.9		
15	256QAM	1	37	19.82	20.01	19.96	20.7	2.5
15	256QAM	1	74	19.86	20.01	20.02		
15	256QAM	36	0	19.92	20.04	20		
15	256QAM	36	20	19.96	20.03	19.96	20.7	2.5
15	256QAM	36	39	19.94	19.98	19.94		
15	256QAM	75	0	19.82	20	19.83		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.32	22.35	22.66		
10	QPSK	1	25	22.3	22.51	22.55	23.2	0
10	QPSK	1	49	22.3	22.44	22.47		
10	QPSK	25	0	22.37	22.55	22.5		
10	QPSK	25	12	22.43	22.43	22.53	23.2	0
10	QPSK	25	25	22.52	22.45	22.45		
10	QPSK	50	0	22.41	22.54	22.43		
10	16QAM	1	0	22.33	22.58	22.29		
10	16QAM	1	25	22.26	22.39	22.49	23.2	0
10	16QAM	1	49	22.25	22.36	22.45		
10	16QAM	25	0	22.35	22.54	22.31		
10	16QAM	25	12	22.19	22.44	22.41	23.2	0
10	16QAM	25	25	22.33	22.4	22.49		
10	16QAM	50	0	22.33	22.47	22.41		
10	64QAM	1	0	22.41	22.39	22.42		
10	64QAM	1	25	22.41	22.36	22.42	23.2	0
10	64QAM	1	49	22.34	22.45	22.31		
10	64QAM	25	0	21.94	22.19	21.85		
10	64QAM	25	12	21.8	22.02	21.93	22.7	0.5
10	64QAM	25	25	21.79	21.95	22		
10	64QAM	50	0	21.97	22.05	22.09		
10	256QAM	1	0	19.86	20.01	19.98		
10	256QAM	1	25	19.85	19.98	20.01	20.7	2.5
10	256QAM	1	49	19.85	19.96	20.02		
10	256QAM	25	0	19.9	20.05	20		
10	256QAM	25	12	19.92	19.96	19.96	20.7	2.5
10	256QAM	25	25	19.93	19.94	19.88		
10	256QAM	50	0	19.82	20.02	19.91		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.34	22.63	22.4		
5	QPSK	1	12	22.37	22.48	22.48	23.2	0
5	QPSK	1	24	22.31	22.48	22.57		
5	QPSK	12	0	22.38	22.54	22.54		
5	QPSK	12	7	22.37	22.47	22.54	23.2	0
5	QPSK	12	13	22.43	22.43	22.42		
5	QPSK	25	0	22.33	22.5	22.44		
5	16QAM	1	0	22.27	22.55	22.38		
5	16QAM	1	12	22.27	22.46	22.45	23.2	0
5	16QAM	1	24	22.22	22.38	22.45		
5	16QAM	12	0	22.32	22.52	22.32		
5	16QAM	12	7	22.26	22.4	22.45	23.2	0
5	16QAM	12	13	22.32	22.35	22.48		
5	16QAM	25	0	22.35	22.43	22.42		
5	64QAM	1	0	22.41	22.33	22.45		
5	64QAM	1	12	22.36	22.3	22.4	23.2	0
5	64QAM	1	24	22.33	22.43	22.32		
5	64QAM	12	0	21.93	22.18	21.83		
5	64QAM	12	7	21.85	22.01	21.96	22.7	0.5
5	64QAM	12	13	21.79	21.96	22.07		
5	64QAM	25	0	21.94	22.02	22		
5	256QAM	1	0	19.83	20.21	19.95		
5	256QAM	1	12	19.88	20.01	19.97	20.7	2.5
5	256QAM	1	24	19.81	20.01	19.97		
5	256QAM	12	0	19.84	20.01	19.94		
5	256QAM	12	7	19.95	20.02	19.93	20.7	2.5
5	256QAM	12	13	19.95	20.01	19.92		
5	256QAM	25	0	19.81	20.05	19.85		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.41	22.6	22.4		
3	QPSK	1	8	22.37	22.5	22.51	23.2	0
3	QPSK	1	14	22.38	22.45	22.54		
3	QPSK	8	0	22.41	22.53	22.52		
3	QPSK	8	4	22.43	22.5	22.53	23.2	0
3	QPSK	8	7	22.52	22.47	22.49		
3	QPSK	15	0	22.41	22.52	22.41		
3	16QAM	1	0	22.3	22.54	22.36		
3	16QAM	1	8	22.28	22.4	22.43	23.2	0
3	16QAM	1	14	22.22	22.41	22.47		
3	16QAM	8	0	22.36	22.47	22.36		
3	16QAM	8	4	22.28	22.39	22.44	23.2	0
3	16QAM	8	7	22.28	22.38	22.49		
3	16QAM	15	0	22.34	22.49	22.43		
3	64QAM	1	0	22.39	22.37	22.4		
3	64QAM	1	8	22.36	22.32	22.38	23.2	0
3	64QAM	1	14	22.26	22.43	22.33		
3	64QAM	8	0	21.87	22.19	21.89		
3	64QAM	8	4	21.86	21.97	21.99	22.7	0.5
3	64QAM	8	7	21.83	21.92	22.07		
3	64QAM	15	0	22	21.99	22.02		
3	256QAM	1	0	19.9	20.14	19.96		
3	256QAM	1	8	19.83	19.94	19.97	20.7	2.5
3	256QAM	1	14	19.87	19.94	20.07		
3	256QAM	8	0	19.88	20.07	20.03		
3	256QAM	8	4	19.98	19.99	19.99	20.7	2.5
3	256QAM	8	7	19.94	19.97	19.9		
3	256QAM	15	0	19.85	20.01	19.88		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.36	22.66	22.38		
1.4	QPSK	1	3	22.37	22.44	22.46		
1.4	QPSK	1	5	22.37	22.44	22.56	23.2	0
1.4	QPSK	3	0	22.45	22.54	22.48		
1.4	QPSK	3	1	22.38	22.47	22.53		
1.4	QPSK	3	3	22.44	22.46	22.45		
1.4	QPSK	6	0	22.35	22.5	22.41	23.2	0
1.4	16QAM	1	0	22.26	22.54	22.3		
1.4	16QAM	1	3	22.23	22.39	22.49		
1.4	16QAM	1	5	22.21	22.41	22.43	23.2	0
1.4	16QAM	3	0	22.35	22.47	22.34		
1.4	16QAM	3	1	22.23	22.45	22.39		
1.4	16QAM	3	3	22.3	22.41	22.44		
1.4	16QAM	6	0	22.39	22.49	22.47	23.2	0
1.4	64QAM	1	0	22.35	22.34	22.46		
1.4	64QAM	1	3	22.42	22.33	22.41		
1.4	64QAM	1	5	22.28	22.42	22.33	23.2	0
1.4	64QAM	3	0	21.88	22.16	21.9		
1.4	64QAM	3	1	21.84	21.93	22.01		
1.4	64QAM	3	3	21.84	21.91	22.04		
1.4	64QAM	6	0	21.96	22.04	22.03	22.7	0.5
1.4	256QAM	1	0	19.83	20.16	19.93		
1.4	256QAM	1	3	19.89	19.97	19.92		
1.4	256QAM	1	5	19.8	20.02	19.97	20.7	2.5
1.4	256QAM	3	0	19.84	20.06	19.98		
1.4	256QAM	3	1	19.94	19.99	20.03		
1.4	256QAM	3	3	19.96	19.96	19.89		
1.4	256QAM	6	0	19.88	20.02	19.92	20.7	2.5

Band 5 Ant0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.89	24.93	24.9		
10	QPSK	1	25	24.87	24.89	24.84	25.7	0
10	QPSK	1	49	24.77	24.82	24.74		
10	QPSK	25	0	23.87	23.79	23.71		
10	QPSK	25	12	23.71	23.78	23.72	24.7	1
10	QPSK	25	25	23.65	23.72	23.69		
10	QPSK	50	0	23.78	23.84	23.79		
10	16QAM	1	0	24.02	24.07	24.01		
10	16QAM	1	25	23.89	23.99	23.9	24.7	1
10	16QAM	1	49	23.93	23.98	23.9		
10	16QAM	25	0	24.02	24.08	24.03		
10	16QAM	25	12	22.75	22.83	22.72	23.7	2
10	16QAM	25	25	22.77	22.79	22.73		
10	16QAM	50	0	22.77	22.84	22.76		
10	64QAM	1	0	23.02	23.09	23		
10	64QAM	1	25	22.76	22.79	22.76	23.7	2
10	64QAM	1	49	22.81	22.83	22.79		
10	64QAM	25	0	21.9	21.96	21.91		
10	64QAM	25	12	21.83	21.94	21.9	22.7	3
10	64QAM	25	25	21.89	21.93	21.85		
10	64QAM	50	0	21.84	21.89	21.85		
10	256QAM	1	0	19.71	19.81	19.76		
10	256QAM	1	25	19.67	19.73	19.7	20.7	5
10	256QAM	1	49	19.67	19.76	19.74		
10	256QAM	25	0	19.89	19.77	19.69		
10	256QAM	25	12	19.7	19.76	19.71	20.7	5
10	256QAM	25	25	19.67	19.75	19.66		
10	256QAM	50	0	19.71	19.79	19.71		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.79	24.85	24.88		
5	QPSK	1	12	24.83	24.83	24.79	25.7	0
5	QPSK	1	24	24.71	24.77	24.7		
5	QPSK	12	0	23.81	23.67	23.65		
5	QPSK	12	7	23.67	23.66	23.64	24.7	1
5	QPSK	12	13	23.64	23.63	23.65		
5	QPSK	25	0	23.67	23.8	23.74		
5	16QAM	1	0	23.94	24.05	23.97		
5	16QAM	1	12	23.85	23.95	23.85	24.7	1
5	16QAM	1	24	23.91	23.88	23.82		
5	16QAM	12	0	22.7	22.78	22.74		
5	16QAM	12	7	22.64	22.77	22.64	23.7	2
5	16QAM	12	13	22.68	22.69	22.64		
5	16QAM	25	0	22.74	22.78	22.69		
5	64QAM	1	0	22.93	23.02	22.95		
5	64QAM	1	12	22.75	22.74	22.7	23.7	2
5	64QAM	1	24	22.73	22.82	22.76		
5	64QAM	12	0	21.84	21.89	21.89		
5	64QAM	12	7	21.73	21.87	21.84	22.7	3
5	64QAM	12	13	21.87	21.86	21.77		
5	64QAM	25	0	21.75	21.85	21.83		
5	256QAM	1	0	19.66	19.8	19.66		
5	256QAM	1	12	19.62	19.68	19.66	20.7	5
5	256QAM	1	24	19.57	19.65	19.66		
5	256QAM	12	0	19.61	19.72	19.58		
5	256QAM	12	7	19.62	19.71	19.63	20.7	5
5	256QAM	12	13	19.61	19.65	19.63		
5	256QAM	25	0	19.66	19.77	19.63		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				823.5	836.5	847.5		
3	QPSK	1	0	24.81	24.83	24.83		
3	QPSK	1	8	24.8	24.82	24.82	25.7	0
3	QPSK	1	14	24.68	24.72	24.64		
3	QPSK	8	0	23.63	23.68	23.69		
3	QPSK	8	4	23.62	23.7	23.62	24.7	1
3	QPSK	8	7	23.58	23.66	23.67		
3	QPSK	15	0	23.72	23.74	23.72		
3	16QAM	1	0	23.97	24	23.96		
3	16QAM	1	8	23.84	23.92	23.85	24.7	1
3	16QAM	1	14	23.87	23.87	23.87		
3	16QAM	8	0	22.71	22.81	22.72		
3	16QAM	8	4	22.65	22.77	22.69	23.7	2
3	16QAM	8	7	22.69	22.71	22.65		
3	16QAM	15	0	22.71	22.79	22.69		
3	64QAM	1	0	22.94	23.02	22.93		
3	64QAM	1	8	22.67	22.76	22.71	23.7	2
3	64QAM	1	14	22.75	22.76	22.71		
3	64QAM	8	0	21.88	21.87	21.89		
3	64QAM	8	4	21.79	21.91	21.84	22.7	3
3	64QAM	8	7	21.86	21.89	21.82		
3	64QAM	15	0	21.81	21.86	21.8		
3	256QAM	1	0	19.63	19.74	19.66		
3	256QAM	1	8	19.58	19.64	19.67	20.7	5
3	256QAM	1	14	19.59	19.75	19.7		
3	256QAM	8	0	19.58	19.75	19.58		
3	256QAM	8	4	19.61	19.67	19.64	20.7	5
3	256QAM	8	7	19.6	19.71	19.63		
3	256QAM	15	0	19.69	19.73	19.63		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.75	24.8	24.87		
1.4	QPSK	1	3	24.79	24.7	24.82		
1.4	QPSK	1	5	24.62	24.8	24.6	25.7	0
1.4	QPSK	3	0	24.81	24.84	24.8		
1.4	QPSK	3	1	24.74	24.74	24.65		
1.4	QPSK	3	3	24.61	24.72	24.62		
1.4	QPSK	6	0	23.7	23.73	23.73	24.7	1
1.4	16QAM	1	0	23.99	24.02	23.93		
1.4	16QAM	1	3	23.89	23.89	23.89		
1.4	16QAM	1	5	23.87	23.96	23.8	24.7	1
1.4	16QAM	3	0	23.63	23.71	23.71		
1.4	16QAM	3	1	23.62	23.68	23.67		
1.4	16QAM	3	3	23.66	23.7	23.64		
1.4	16QAM	6	0	22.67	22.75	22.69	23.7	2
1.4	64QAM	1	0	22.94	22.98	22.98		
1.4	64QAM	1	3	22.74	22.74	22.7		
1.4	64QAM	1	5	22.76	22.77	22.77		
1.4	64QAM	3	0	22.6	22.71	22.66	23.7	2
1.4	64QAM	3	1	22.58	22.68	22.66		
1.4	64QAM	3	3	22.62	22.65	22.61		
1.4	64QAM	6	0	21.8	21.81	21.82	22.7	3
1.4	256QAM	1	0	19.65	19.74	19.69		
1.4	256QAM	1	3	19.59	19.72	19.61		
1.4	256QAM	1	5	19.62	19.72	19.63	20.7	5
1.4	256QAM	3	0	19.64	19.75	19.66		
1.4	256QAM	3	1	19.59	19.72	19.62		
1.4	256QAM	3	3	19.62	19.67	19.63		
1.4	256QAM	6	0	19.63	19.71	19.64	20.7	5

Band 7 Ant0 Other PA DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.63	23.69	23.53		
20	QPSK	1	49	23.59	23.67	23.58	24.2	0
20	QPSK	1	99	23.61	23.65	23.47		
20	QPSK	50	0	23.51	23.65	23.49		
20	QPSK	50	24	23.61	23.62	23.6	24.2	0
20	QPSK	50	50	23.55	23.61	23.62		
20	QPSK	100	0	23.46	23.67	23.52		
20	16QAM	1	0	23.55	23.67	23.48		
20	16QAM	1	49	23.49	23.64	23.48	24.2	0
20	16QAM	1	99	23.56	23.55	23.37		
20	16QAM	50	0	23.12	23.23	23.03		
20	16QAM	50	24	23.06	23.12	23.11	23.7	0.5
20	16QAM	50	50	23.11	23.15	23.02		
20	16QAM	100	0	23.04	23.15	22.97		
20	64QAM	1	0	23.16	23.11	23.05		
20	64QAM	1	49	23	23.07	23.13	23.7	0.5
20	64QAM	1	99	23.08	23.16	22.98		
20	64QAM	50	0	22.14	22.2	22.07		
20	64QAM	50	24	22.14	22.18	22.11	22.7	1.5
20	64QAM	50	50	22.16	22.17	21.99		
20	64QAM	100	0	21.98	22.1	22.01		
20	256QAM	1	0	20.11	20.21	19.99		
20	256QAM	1	49	20.08	20.17	20.04	20.7	3.5
20	256QAM	1	99	20.13	20.11	19.93		
20	256QAM	50	0	19.97	20.11	19.98		
20	256QAM	50	24	20.12	20.08	20.07	20.7	3.5
20	256QAM	50	50	20.02	20.14	20.08		
20	256QAM	100	0	20.12	20.12	19.99		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.59	23.65	23.45		
15	QPSK	1	37	23.52	23.58	23.51	24.2	0
15	QPSK	1	74	23.6	23.54	23.43		
15	QPSK	36	0	23.47	23.6	23.39		
15	QPSK	36	20	23.58	23.56	23.55	24.2	0
15	QPSK	36	39	23.51	23.52	23.6		
15	QPSK	75	0	23.58	23.58	23.42		
15	16QAM	1	0	23.53	23.65	23.46		
15	16QAM	1	37	23.38	23.58	23.45	24.2	0
15	16QAM	1	74	23.53	23.45	23.31		
15	16QAM	36	0	23.03	23.18	22.99		
15	16QAM	36	20	23.05	23.01	23.03	23.7	0.5
15	16QAM	36	39	23.09	23.12	22.97		
15	16QAM	75	0	22.98	23.13	22.91		
15	64QAM	1	0	23.12	23.05	22.99		
15	64QAM	1	37	22.98	22.98	23.08	23.7	0.5
15	64QAM	1	74	23.02	23.13	22.93		
15	64QAM	36	0	22.07	22.11	21.99		
15	64QAM	36	20	22.07	22.1	22.09	22.7	1.5
15	64QAM	36	39	22.05	22.14	21.9		
15	64QAM	75	0	21.89	22.09	21.98		
15	256QAM	1	0	20.04	20.15	19.92		
15	256QAM	1	37	20.02	20.12	19.96	20.7	3.5
15	256QAM	1	74	20.05	20.07	19.87		
15	256QAM	36	0	19.89	20.08	19.88		
15	256QAM	36	20	20.06	20.05	20.03	20.7	3.5
15	256QAM	36	39	19.97	20.04	20.04		
15	256QAM	75	0	20.05	20.03	19.93		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.52	23.67	23.52		
10	QPSK	1	25	23.56	23.58	23.56	24.2	0
10	QPSK	1	49	23.59	23.61	23.46		
10	QPSK	25	0	23.46	23.54	23.41		
10	QPSK	25	12	23.58	23.55	23.52	24.2	0
10	QPSK	25	25	23.53	23.59	23.58		
10	QPSK	50	0	23.61	23.58	23.41		
10	16QAM	1	0	23.5	23.59	23.37		
10	16QAM	1	25

Band 17 Ant0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.71	24.77	24.69	25.7	0
10	QPSK	1	25	24.73	24.75	24.71		
10	QPSK	1	49	24.68	24.73	24.68		
10	QPSK	25	0	23.66	23.76	23.69		
10	QPSK	25	12	23.56	23.75	23.53	24.7	1
10	QPSK	25	25	23.55	23.63	23.58		
10	QPSK	50	0	23.65	23.71	23.59		
10	16QAM	1	0	23.46	23.56	23.49		
10	16QAM	1	25	23.6	23.62	23.58	24.7	1
10	16QAM	1	49	23.6	23.69	23.62		
10	16QAM	25	0	22.86	22.96	22.93		
10	16QAM	25	12	22.88	22.89	22.81	23.7	2
10	16QAM	25	25	22.83	22.91	22.82		
10	16QAM	50	0	22.82	22.87	22.78		
10	64QAM	1	0	22.96	23.03	22.98		
10	64QAM	1	25	22.9	22.91	22.88	23.7	2
10	64QAM	1	49	22.79	22.89	22.83		
10	64QAM	25	0	21.79	21.85	21.8		
10	64QAM	25	12	21.76	21.81	21.77	22.7	3
10	64QAM	25	25	21.73	21.8	21.77		
10	64QAM	50	0	21.74	21.8	21.74		
10	256QAM	1	0	19.87	19.95	19.84		
10	256QAM	1	25	19.82	19.88	19.86	20.7	5
10	256QAM	1	49	19.81	19.91	19.81		
10	256QAM	25	0	19.66	19.75	19.64		
10	256QAM	25	12	19.87	19.9	19.86	20.7	5
10	256QAM	25	25	19.8	19.89	19.83		
10	256QAM	50	0	19.82	19.85	19.77		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.6	24.67	24.64	25.7	0
5	QPSK	1	12	24.69	24.7	24.61		
5	QPSK	1	24	24.65	24.64	24.6		
5	QPSK	12	0	23.59	23.63	23.63		
5	QPSK	12	7	23.53	23.55	23.52	24.7	1
5	QPSK	12	13	23.5	23.58	23.5		
5	QPSK	25	0	23.8	23.79	23.74		
5	16QAM	1	0	23.36	23.5	23.4		
5	16QAM	1	12	23.56	23.57	23.52	24.7	1
5	16QAM	1	24	23.59	23.62	23.59		
5	16QAM	12	0	22.79	22.91	22.84		
5	16QAM	12	7	22.82	22.84	22.7	23.7	2
5	16QAM	12	13	22.73	22.83	22.76		
5	16QAM	25	0	22.8	22.85	22.69		
5	64QAM	1	0	22.87	22.92	22.88		
5	64QAM	1	12	22.82	22.83	22.81	23.7	2
5	64QAM	1	24	22.73	22.8	22.74		
5	64QAM	12	0	21.71	21.81	21.72		
5	64QAM	12	7	21.7	21.71	21.68	22.7	3
5	64QAM	12	13	21.69	21.71	21.71		
5	64QAM	25	0	21.72	21.78	21.65		
5	256QAM	1	0	19.79	19.91	19.79		
5	256QAM	1	12	19.76	19.79	19.77	20.7	5
5	256QAM	1	24	19.75	19.84	19.72		
5	256QAM	12	0	19.6	19.67	19.55		
5	256QAM	12	7	19.83	19.84	19.79	20.7	5
5	256QAM	12	13	19.76	19.78	19.76		
5	256QAM	25	0	19.71	19.79	19.74		

Band 26 Ant0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.66	24.84	24.73	25.7	0
15	QPSK	1	37	24.73	24.8	24.79		
15	QPSK	1	74	24.81	24.9	24.74		
15	QPSK	36	0	23.84	23.91	23.83		
15	QPSK	36	20	23.71	23.89	23.72	24.7	1
15	QPSK	36	39	23.72	23.78	23.73		
15	QPSK	75	0	23.75	23.79	23.72		
15	16QAM	1	0	23.78	23.84	23.76		
15	16QAM	1	37	23.8	23.83	23.79	24.7	1
15	16QAM	1	74	23.65	23.73	23.62		
15	16QAM	36	0	22.81	22.9	22.8		
15	16QAM	36	20	22.86	22.88	22.79	23.7	2
15	16QAM	36	39	22.72	22.79	22.72		
15	16QAM	75	0	22.73	22.77	22.68		
15	64QAM	1	0	22.9	22.97	22.94		
15	64QAM	1	37	22.73	22.82	22.71	23.7	2
15	64QAM	1	74	22.81	22.82	22.77		
15	64QAM	36	0	21.82	21.84	21.79		
15	64QAM	36	20	21.68	21.76	21.69	22.7	3
15	64QAM	36	39	21.79	21.82	21.73		
15	64QAM	75	0	21.75	21.76	21.72		
15	256QAM	1	0	20.15	20.21	20.14		
15	256QAM	1	37	20.13	20.15	20.11	20.7	5
15	256QAM	1	74	20.12	20.19	20.17		
15	256QAM	36	0	19.77	19.81	19.77		
15	256QAM	36	20	19.67	19.77	19.72	20.7	5
15	256QAM	36	39	19.72	19.79	19.74		
15	256QAM	75	0	19.71	19.73	19.64		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.62	24.8	24.69	25.7	0
10	QPSK	1	25	24.64	24.75	24.71		
10	QPSK	1	49	24.58	24.66	24.68		
10	QPSK	25	0	23.82	23.83	23.81		
10	QPSK	25	12	23.69	23.78	23.71	24.7	1
10	QPSK	25	25	23.64	23.68	23.62		
10	QPSK	50	0	23.74	23.7	23.67		
10	16QAM	1	0	23.72	23.76	23.68		
10	16QAM	1	25	23.7	23.75	23.73	24.7	1
10	16QAM	1	49	23.56	23.64	23.59		
10	16QAM	25	0	22.71	22.81	22.73		
10	16QAM	25	12	22.84	22.83	22.72	23.7	2
10	16QAM	25	25	22.67	22.71	22.68		
10	16QAM	50	0	22.7	22.73	22.57		
10	64QAM	1	0	22.86	22.87	22.92		
10	64QAM	1	25	22.7	22.76	22.68	23.7	2
10	64QAM	1	49	22.7	22.78	22.67		
10	64QAM	25	0	21.76	21.83	21.68		
10	64QAM	25	12	21.67	21.71	21.67	22.7	3
10	64QAM	25	25	21.77	21.78	21.67		
10	64QAM	50	0	21.73	21.7	21.65		
10	256QAM	1	0	20.12	20.17	20.05		
10	256QAM	1	25	20.02	20.05	20.03	20.7	5
10	256QAM	1	49	20.09	20.15	20.16		
10	256QAM	25	0	19.69	19.75	19.74		
10	256QAM	25	12	19.64	19.72	19.7	20.7	5
10	256QAM	25	25	19.69	19.71	19.68		
10	256QAM	50	0	19.66	19.63	19.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.58	24.8	24.66	25.7	0
5	QPSK	1	12	24.7	24.77	24.77		
5	QPSK	1	24	24.62	24.74	24.65		
5	QPSK	12	0	23.75	23.84	23.79		
5	QPSK	12	7	23.64	23.76	23.66	24.7	1
5	QPSK	12	13	23.66	23.7	23.62		
5	QPSK	25	0	23.71	23.74	23.69		
5	16QAM	1	0	23.69	23.74	23.66		
5	16QAM	1	12	23.73	23.77	23.76	24.7	1
5	16QAM	1	24	23.58	23.68	23.54		
5	16QAM	12	0	22.76	22.81	22.76		
5	16QAM	12	7	22.84	22.79	22.77	23.7	2
5	16QAM	12	13	22.65	22.76	22.69		
5	16QAM	25	0	22.64	22.76	22.62		
5	64QAM	1	0	22.86	22.88	22.86		
5	64QAM	1	12	22.64	22.75	22.61	23.7	2
5	64QAM	1	24	22.79	22.81	22.71		
5	64QAM	12	0	21.72	21.8	21.77		
5	64QAM	12	7	21.61	21.67	21.66	22.7	3
5	64QAM	12	13	21.73	21.74	21.69		
5	64QAM	25	0	21.67	21.74	21.67		
5	256QAM	1	0	20.11	20.16	20.13		
5	256QAM	1	12	20.11	20.11	20.09	20.7	5
5	256QAM	1	24	20.11	20.14	20.14		
5	256QAM	12	0	19.74	19.71	19.7		
5	256QAM	12	7	19.61	19.72	19.63	20.7	5
5	256QAM	12	13	19.61	19.74	19.71		
5	256QAM	25	0	19.7	19.69	19.61		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.59	24.75	24.7	25.7	0
3	QPSK	1	8	24.68	24.78	24.69		
3	QPSK	1	14	24.6	24.67	24.67		
3	QPSK	8	0	23.78	23.84	23.79		
3	QPSK	8	4	23.62	23.81	23.7	24.7	1
3	QPSK	8	7	23.63	23.71	23.64		
3	QPSK	15	0	23.74	23.72	23.65		
3	16QAM	1	0	23.74	23.76	23.69		
3	16QAM	1	8	23.74	23.72	23.69	24.7	1
3	16QAM	1	14	23.59	23.71	23.59		
3	16QAM	8	0	22.78	22.8	22.7		
3	16QAM	8	4	22.85	22.8	22.75	23.7	2
3	16QAM	8	7	22.62	22.71	22.64		
3	16QAM	15	0	22.71	22.67	22.62		
3	64QAM	1	0	22.81	22.94	22.89		
3	64QAM	1	8	22.71	22.81	22.67	23.7	2
3	64QAM	1	14	22.72	22.76	22.7		
3	64QAM	8	0	21.75	21.78	21.71		
3	64QAM	8	4	21.59	21.71	21.62	22.7	3
3	64QAM	8	7	21.75	21.71	21.65		
3	64QAM	15	0	21.65	21.67	21.63		
3	256QAM	1	0	20.13	20.18	20.13		
3	256QAM	1	8	20.07	20.08	20.04	20.7	5
3	256QAM	1	14	20.07	20.14	20.09		
3	256QAM	8	0	19.68	19.73	19.67		
3	256QAM	8	4	19.66	19.74	19.62	20.7	5
3	256QAM	8	7	19.67	19.72	19.7		
3	256QAM	15	0	19.67	19.65	19.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.56	24.81	24.65	25.7	0
1.4	QPSK	1	3	24.69	24.7	24.69		
1.4	QPSK	1	5	24.63	24.67	24.72		
1.4	QPSK	3	0	24.49	24.71	24.58		
1.4	QPSK	3	1	24.62	24.65	24.58		
1.4	QPSK	3	3	24.61	24.64	24.69		
1.4	QPSK	6	0	23.72	23.69	23.63	24.7	1
1.4	16QAM	1	0	23.72	23.79	23.66	24.7	1
1.4	16QAM	1	3	23.77	23.75	23.69		
1.4	16QAM	1	5	23.61	23.63	23.52		
1.4	16QAM	3	0	23.62	23.67	23.57		
1.4	16QAM	3	1	23.67	23.65	23.58		
1.4	16QAM	3	3	23.67	23.58	23.54		
1.4	16QAM	6	0	22.72	22.67	22.67	23.7	2
1.4	64QAM	1	0	22.8	22.89	22.85	23.7	2
1.4	64QAM	1	3	22.64	22.77	22.63		
1.4	64QAM	1	5	22.78	22.79	22.69		
1.4	64QAM	3	0	22.66	22.59	22.64		
1.4	64QAM	3	1	22.75	22.83	22.78		
1.4	64QAM	3	3	22.61	22.74	22.55		
1.4	64QAM	6	0	21.64	21.69	21.65	22.7	3
1.4	256QAM	1	0	20.08	20.17	20.11	20.7	5
1.4	256QAM	1	3	20.04	20.06	20		
1.4	256QAM	1	5	20.02	20.17	20.14		
1.4	256QAM	3	0	19.7	19.74	19.69		
1.4	256QAM	3	1	19.58	19.67	19.62		
1.4	256QAM	3	3	19.67	19.73	19.68		
1.4	256QAM	6	0	19.61	19.69	19.59	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.94	21.09	20.84	22.5	0
20	QPSK	1	49	20.99	20.98	20.88		
20	QPSK	1	99	20.93	20.99	20.83		
20	QPSK	50	0	20.88	21.06	20.87		
20	QPSK	50	24	20.92	21.02	20.83	22.5	0
20	QPSK	50	50	21.01	20.89	20.88		
20	QPSK	100	0	21	21.04	20.83		
20	16QAM	1	0	20.84	20.98	20.81		
20	16QAM	1	49	20.93	20.89	20.81	22.5	0
20	16QAM	1	99	20.87	20.94	20.77		
20	16QAM	50	0	20.42	20.57	20.31		
20	16QAM	50	24	20.47	20.52	20.37	22	0.5
20	16QAM	50	50	20.48	20.52	20.32		
20	16QAM	100	0	20.33	20.54	20.38		
20	64QAM	1	0	20.42	20.49	20.33		
20	64QAM	1	49	20.46	20.4	20.34	22	0.5
20	64QAM	1	99	20.49	20.56	20.28		
20	64QAM	50	0	19.41	19.63	19.3		
20	64QAM	50	24	19.47	19.52	19.33	21	1.5
20	64QAM	50	50	19.45	19.54	19.38		
20	64QAM	100	0	19.35	19.52	19.35		
20	256QAM	1	0	17.43	17.54	17.39		
20	256QAM	1	49	17.48	17.49	17.42	19	3.5
20	256QAM	1	99	17.4	17.45	17.33		
20	256QAM	50	0	17.38	17.55	17.35		
20	256QAM	50	24	17.4	17.52	17.31	19	3.5
20	256QAM	50	50	17.53	17.36	17.39		
20	256QAM	100	0	17.49	17.52	17.36		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.91	21.04	20.77	22.5	0
15	QPSK	1	37	20.97	20.88	20.84		
15	QPSK	1	74	20.86	20.96	20.73		
15	QPSK	36	0	20.84	21.04	20.83		
15	QPSK	36	20	20.85	20.94	20.78	22.5	0
15	QPSK	36	39	20.93	20.84	20.81		
15	QPSK	75	0	20.91	20.99	20.77		
15	16QAM	1	0	20.8	20.9	20.77		
15	16QAM	1	37	20.88	20.85	20.77	22.5	0
15	16QAM	1	74	20.8	20.87	20.67		
15	16QAM	36	0	20.31	20.56	20.27		
15	16QAM	36	20	20.42	20.49	20.3	22	0.5
15	16QAM	36	39	20.39	20.45	20.26		
15	16QAM	75	0	20.23	20.5	20.34		
15	64QAM	1	0	20.34	20.41	20.27		
15	64QAM	1	37	20.38	20.32	20.24	22	0.5
15	64QAM	1	74	20.43	20.5	20.24		
15	64QAM	36	0	19.32	19.59	19.2		
15	64QAM	36	20	19.44	19.42	19.3	21	1.5
15	64QAM	36	39	19.35	19.47	19.31		
15	64QAM	75	0	19.3	19.44	19.29		
15	256QAM	1	0	17.41	17.46	17.38		
15	256QAM	1	37	17.4	17.48	17.34	19	3.5
15	256QAM	1	74	17.34	17.39	17.23		
15	256QAM	36	0	17.29	17.5	17.26		
15	256QAM	36	20	17.31	17.5	17.27	19	3.5
15	256QAM	36	39	17.44	17.29	17.3		
15	256QAM	75	0	17.46	17.41	17.28		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.83	21.03	20.78	22.5	0
10	QPSK	1	25	20.89	20.93	20.87		
10	QPSK	1	49	20.83	20.96	20.82		
10	QPSK	25	0	20.81	20.97	20.8		
10	QPSK	25	12	20.83	20.95	20.75	22.5	0
10	QPSK	25	25	20.96	20.86	20.87		
10	QPSK	50	0	20.92	20.94	20.76		
10	16QAM	1	0	20.78	20.89	20.75		
10	16QAM	1	25	20.67	20.82	20.77	22.5	0
10	16QAM	1	49	20.86	20.9	20.74		
10	16QAM	25	0	20.36	20.56	20.22		
10	16QAM	25	12	20.38	20.42	20.26	22	0.5
10	16QAM	25	25	20.43	20.44	20.28		
10	16QAM	50	0	20.26	20.47	20.3		
10	64QAM	1	0	20.36	20.46	20.28		
10	64QAM	1	25	20.41	20.3	20.32	22	0.5
10	64QAM	1	49	20.41	20.53	20.19		
10	64QAM	25	0	19.34	19.59	19.23		
10	64QAM	25	12	19.37	19.5	19.26	21	1.5
10	64QAM	25	25	19.42	19.45	19.28		
10	64QAM	50	0	19.28	19.45	19.26		
10	256QAM	1	0	17.41	17.52	17.37		
10	256QAM	1	25	17.41	17.47	17.31	19	3.5
10	256QAM	1	49	17.32	17.39	17.28		
10	256QAM	25	0	17.34	17.5	17.28		
10	256QAM	25	12	17.39	17.46	17.26	19	3.5
10	256QAM	25	25	17.44	17.31	17.32		
10	256QAM	50	0	17.48	17.45	17.32		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.87	21.08	20.75	22.5	0
5	QPSK	1	12	20.89	20.94	20.83		
5	QPSK	1	24	20.91	20.94	20.74		
5	QPSK	12	0	20.82	20.97	20.83		
5	QPSK	12	7	20.88	20.96	20.79	22.5	0
5	QPSK	12	13	20.92	20.8	20.84		
5	QPSK	25	0	20.95	20.97	20.79		
5	16QAM	1	0	20.76	20.92	20.74		
5	16QAM	1	12	20.86	20.86	20.79	22.5	0
5	16QAM	1	24	20.81	20.9	20.67		
5	16QAM	12	0	20.37	20.49	20.26		
5	16QAM	12	7	20.43	20.42	20.31	22	0.5
5	16QAM	12	13	20.41	20.45	20.31		
5	16QAM	25	0	20.26	20.52	20.31		
5	64QAM	1	0	20.34	20.38	20.3		
5	64QAM	1	12	20.43	20.3	20.29	22	0.5
5	64QAM	1	24	20.47	20.49	20.26		
5	64QAM	12	0	19.3	19.56	19.22		
5	64QAM	12	7	19.44	19.49	19.22	21	1.5
5	64QAM	12	13	19.4	19.43	19.33		
5	64QAM	25	0	19.29	19.45	19.24		
5	256QAM	1	0	17.33	17.43	17.33		
5	256QAM	1	12	17.37	17.47	17.4	19	3.5
5	256QAM	1	24	17.38	17.4	17.27		
5	256QAM	12	0	17.29	17.45	17.34		
5	256QAM	12	7	17.31	17.48	17.25	19	3.5
5	256QAM	12	13	17.48	17.36	17.34		
5	256QAM	25	0	17.38	17.46	17.28		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.91	21.05	20.79	22.5	0
3	QPSK	1	8	20.89	20.92	20.77		
3	QPSK	1	14	20.9	20.9	20.81		
3	QPSK	8	0	20.85	21.03	20.77	22.5	0
3	QPSK	8	4	20.86	20.99	20.77		
3	QPSK	8	7	20.92	20.78	20.85		
3	QPSK	15	0	20.98	21.01	20.79		
3	16QAM	1	0	20.81	20.89	20.71	22.5	0
3	16QAM	1	8	20.91	20.85	20.75		
3	16QAM	1	14	20.76	20.83	20.68		
3	16QAM	8	0	20.31	20.54	20.27	22	0.5
3	16QAM	8	4	20.46	20.5	20.29		
3	16QAM	8	7	20.43	20.49	20.27		
3	16QAM	15	0	20.31	20.45	20.35		
3	64QAM	1	0	20.34	20.42	20.23	22	0.5
3	64QAM	1	8	20.38	20.36	20.29		
3	64QAM	1	14	20.46	20.51	20.25		
3	64QAM	8	0	19.36	19.57	19.21	21	1.5
3	64QAM	8	4	19.42	19.44	19.24		
3	64QAM	8	7	19.4	19.49	19.29		
3	64QAM	15	0	19.26	19.51	19.29		
3	256QAM	1	0	17.42	17.52	17.29	19	3.5
3	256QAM	1	8	17.47	17.4	17.31		
3	256QAM	1	14	17.37	17.4	17.24		
3	256QAM	8	0	17.3	17.45	17.27	19	3.5
3	256QAM	8	4	17.34	17.5	17.29		
3	256QAM	8	7	17.52	17.36	17.38		
3	256QAM	15	0	17.39	17.49	17.31		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.84	21.05	20.74	22.5	0
1.4	QPSK	1	3	20.91	20.87	20.81		
1.4	QPSK	1	5	20.85	20.93	20.81		
1.4	QPSK	3	0	20.78	21.04	20.85		
1.4	QPSK	3	1	20.82	20.93	20.77		
1.4	QPSK	3	3	20.91	20.82	20.85		
1.4	QPSK	6	0	20.92	20.96	20.78	22.5	0
1.4	16QAM	1	0	20.8	20.94	20.8	22.5	0
1.4	16QAM	1	3	20.83	20.86	20.72		
1.4	16QAM	1	5	20.84	20.9	20.71		
1.4	16QAM	3	0	20.69	20.94

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	25.26	25.27	25.18	25.7	0
20	QPSK	1	49	25.15	25.16	25.13		
20	QPSK	1	99	25.11	25.17	25.09		
20	QPSK	50	0	24.38	24.49	24.40	24.7	1
20	QPSK	50	24	24.35	24.48	24.35		
20	QPSK	50	50	24.28	24.35	24.25		
20	QPSK	100	0	24.28	24.37	24.28		
20	16QAM	1	0	24.38	24.41	24.39	24.7	1
20	16QAM	1	49	24.31	24.41	24.31		
20	16QAM	1	99	24.29	24.38	24.32		
20	16QAM	50	0	23.21	23.30	23.24	23.7	2
20	16QAM	50	24	23.23	23.31	23.24		
20	16QAM	50	50	23.19	23.29	23.21		
20	16QAM	100	0	23.27	23.32	23.27		
20	64QAM	1	0	23.38	23.39	23.32	23.7	2
20	64QAM	1	49	23.28	23.37	23.33		
20	64QAM	1	99	23.31	23.38	23.36		
20	64QAM	50	0	22.24	22.26	22.20	22.7	3
20	64QAM	50	24	22.26	22.28	22.20		
20	64QAM	50	50	22.22	22.25	22.22		
20	64QAM	100	0	22.32	22.34	22.30		
20	256QAM	1	0	20.00	20.08	20.00	20.7	5
20	256QAM	1	49	20.06	20.15	20.07		
20	256QAM	1	99	19.95	20.05	19.95		
20	256QAM	50	0	20.10	20.13	20.10	20.7	5
20	256QAM	50	24	19.98	20.04	19.94		
20	256QAM	50	50	20.04	20.08	20.01		
20	256QAM	100	0	19.98	20.06	19.96		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	25.17	25.17	25.16	25.7	0
15	QPSK	1	37	25.05	25.06	25.02		
15	QPSK	1	74	25.03	25.15	24.99		
15	QPSK	36	0	24.27	24.40	24.29	24.7	1
15	QPSK	36	20	24.33	24.30	24.33		
15	QPSK	36	39	24.23	24.25	24.21		
15	QPSK	75	0	24.19	24.29	24.23		
15	16QAM	1	0	24.27	24.38	24.30	24.7	1
15	16QAM	1	37	24.28	24.33	24.29		
15	16QAM	1	74	24.20	24.34	24.25		
15	16QAM	36	0	23.10	23.23	23.15	23.7	2
15	16QAM	36	20	23.16	23.29	23.21		
15	16QAM	36	39	23.12	23.27	23.16		
15	16QAM	75	0	23.18	23.28	23.17		
15	64QAM	1	0	23.33	23.38	23.25	23.7	2
15	64QAM	1	37	23.21	23.34	23.27		
15	64QAM	1	74	23.23	23.33	23.29		
15	64QAM	36	0	22.14	22.20	22.18	22.7	3
15	64QAM	36	20	22.21	22.18	22.10		
15	64QAM	36	39	22.19	22.15	22.17		
15	64QAM	75	0	22.22	22.29	22.25		
15	256QAM	1	0	19.91	20.01	19.93	20.7	5
15	256QAM	1	37	20.00	20.05	20.04		
15	256QAM	1	74	19.90	19.95	19.94		
15	256QAM	36	0	20.04	20.10	20.03	20.7	5
15	256QAM	36	20	19.89	20.01	19.92		
15	256QAM	36	39	19.95	20.00	19.99		
15	256QAM	75	0	19.92	19.96	19.95		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	25.18	25.23	25.07	25.7	0
10	QPSK	1	25	25.08	25.14	25.05		
10	QPSK	1	49	25.08	25.13	25.06		
10	QPSK	25	0	24.29	24.36	24.31	24.7	1
10	QPSK	25	12	24.32	24.28	24.31		
10	QPSK	25	24	24.19	24.33	24.21		
10	QPSK	50	0	24.19	24.29	24.25		
10	16QAM	1	0	24.33	24.35	24.35	24.7	1
10	16QAM	1	25	24.23	24.33	24.28		
10	16QAM	1	49	24.24	24.32	24.23		
10	16QAM	25	0	23.15	23.24	23.16	23.7	2
10	16QAM	25	12	23.18	23.30	23.15		
10	16QAM	25	25	23.17	23.27	23.13		
10	16QAM	50	0	23.23	23.26	23.25		
10	64QAM	1	0	23.32	23.35	23.28	23.7	2
10	64QAM	1	25	23.18	23.33	23.25		
10	64QAM	1	49	23.29	23.31	23.34		
10	64QAM	25	0	22.22	22.22	22.12	22.7	3
10	64QAM	25	12	22.21	22.25	22.17		
10	64QAM	25	25	22.18	22.21	22.21		
10	64QAM	50	0	22.31	22.30	22.21		
10	256QAM	1	0	19.95	20.01	19.99	20.7	5
10	256QAM	1	25	20.05	20.14	20.03		
10	256QAM	1	49	19.90	19.99	19.90		
10	256QAM	25	0	20.06	20.07	20.04	20.7	5
10	256QAM	25	12	19.89	20.02	19.91		
10	256QAM	25	25	19.96	20.02	19.93		
10	256QAM	50	0	19.90	19.97	19.89		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	25.23	25.18	25.17	25.7	0
5	QPSK	1	12	25.10	25.15	25.04		
5	QPSK	1	24	25.10	25.09	24.98		
5	QPSK	12	0	24.31	24.36	24.33	24.7	1
5	QPSK	12	7	24.30	24.34	24.26		
5	QPSK	12	13	24.25	24.30	24.19		
5	QPSK	25	0	24.22	24.28	24.26		
5	16QAM	1	0	24.28	24.35	24.36	24.7	1
5	16QAM	1	12	24.28	24.32	24.22		
5	16QAM	1	24	24.22	24.32	24.26		
5	16QAM	12	0	23.12	23.27	23.21	23.7	2
5	16QAM	12	7	23.17	23.25	23.21		
5	16QAM	12	13	23.17	23.20	23.16		
5	16QAM	25	0	23.19	23.29	23.23		
5	64QAM	1	0	23.34	23.33	23.31	23.7	2
5	64QAM	1	12	23.23	23.27	23.26		
5	64QAM	1	24	23.26	23.27	23.27		
5	64QAM	12	0	22.15	22.24	22.12	22.7	3
5	64QAM	12	7	22.19	22.24	22.12		
5	64QAM	12	13	22.12	22.23	22.20		
5	64QAM	25	0	22.25	22.29	22.21		
5	256QAM	1	0	19.91	20.05	19.94	20.7	5
5	256QAM	1	12	20.01	20.10	20.03		
5	256QAM	1	24	19.94	20.04	19.90		
5	256QAM	12	0	20.00	20.11	20.07	20.7	5
5	256QAM	12	7	19.94	20.02	19.91		
5	256QAM	12	13	19.96	19.99	19.91		
5	256QAM	25	0	19.91	19.96	19.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.26	25.18	25.34	25.31	25.29	25.7	0
20	QPSK	1	49	25.22	25.18	25.28	25.22	25.20		
20	QPSK	1	99	25.23	25.25	25.29	25.22	25.19		
20	QPSK	50	0	24.30	24.27	24.39	24.26	24.24	24.7	1
20	QPSK	50	24	24.14	24.19	24.35	24.22	24.14		
20	QPSK	50	50	24.20	24.20	24.24	24.16	24.19		
20	QPSK	100	0	24.18	24.12	24.22	24.14	24.17		
20	16QAM	1	0	24.12	24.10	24.15	24.06	24.06	24.7	1
20	16QAM	1	49	24.23	24.25	24.29	24.20	24.19		
20	16QAM	1	99	24.14	24.11	24.22	24.19	24.12		
20	16QAM	50	0	23.22	23.30	23.32	23.21	23.30	23.7	2
20	16QAM	50	24	23.23	23.15	23.25	23.24	23.18		
20	16QAM	50	50	23.23	23.23	23.25	23.19	23.14		
20	16QAM	100	0	23.27	23.21	23.31	23.27	23.22		
20	64QAM	1	0	23.31	23.27	23.35	23.25	23.32	23.7	2
20	64QAM	1	49	23.19	23.14	23.24	23.17	23.19		
20	64QAM	1	99	23.21	23.17	23.25	23.22	23.14		
20	64QAM	50	0	22.24	22.25	22.33	22.28	22.27	22.7	3
20	64QAM	50	24	22.25	22.19	22.28	22.23	22.22		
20	64QAM	50	50	22.22	22.19	22.30	22.23	22.26		
20	64QAM	100	0	22.29	22.30	22.31	22.30	22.24		
20	256QAM	1	0	20.08	20.18	20.19	20.13	20.16	20.7	5
20	256QAM	1	49	20.02	20.06	20.08	20.07	20.01		
20	256QAM	1	99	20.08	20.08	20.12	20.02	20.08		
20	256QAM	50	0	20.03	20.07	20.12	20.02	20.06	20.7	5
20	256QAM	50	24	20.07	20.08	20.13	20.11	20.04		
20	256QAM	50	50	20.12	20.14	20.18	20.07	20.14		
20	256QAM	100	0	20.11	20.14	20.17	20.09	20.08		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.20	25.15	25.23	25.27	25.24	26	0
15	QPSK	1	37	25.20	25.12	25.22	25.15	25.12		
15	QPSK	1	74	25.16	25.18	25.26	25.16	25.16		
15	QPSK	36	0	24.25	24.23	24.22	24.18	24.17	24.7	1
15	QPSK	36	20	24.13	24.12	24.19	24.14	24.12		
15	QPSK	36	39	24.13	24.16	24.19	24.09	24.10		
15	QPSK	75	0	24.16	24.05	24.20	24.06	24.11		
15	16QAM	1	0	24.01	24.01	24.06	24.02	24.05	24.7	1
15	16QAM	1	37	24.13	24.18	24.20	24.10	24.15		
15	16QAM	1	74	24.06	24.00	24.12	24.13	24.02		
15	16QAM	36	0	23.13	23.25	23.23	23.19	23.26	23.7	2
15	16QAM	36	20	23.16	23.08	23.21	23.19	23.08		
15	16QAM	36	39	23.19	23.22	23.15	23.10	23.12		
15	16QAM	75	0	23.18	23.11	23.29	23.25	23.20		
15	64QAM	1	0	23.26	23.21	23.29	23.22	23.28	23.7	2
15	64QAM	1	37	23.12	23.08	23.22	23.07	23.15		
15	64QAM	1	74	23.17	23.14	23.18	23.19	23.08		
15	64QAM	36	0	22.17	22.16	22.22	22.25	22.22	22.7	3
15	64QAM	36	20	22.16	22.16	22.21	22.12	22.15		
15	64QAM	36	39	22.17	22.11	22.24	22.15	22.18		
15	64QAM	75	0	22.21	22.21	22.26	22.24	22.19		
15	256QAM	1	0	19.99	20.17	20.16	20.12	20.12	20.7	5
15	256QAM	1	37	19.92	20.02	19.99	20.02	19.98		
15	256QAM	1	74	20.06	20.00	20.06	20.00	20.07		
15	256QAM	36	0	20.01	20.02	20.09	19.97	20.01	20.7	5
15	256QAM	36	20	20.02	20.05	20.07	20.04	19.98		
15	256QAM	36	39	20.05	20.04	20.13	20.05	20.07		
15	256QAM	75	0	20.08	20.11	20.10	20.03	20.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.18	25.09	25.24	25.29	25.23	26	0
10	QPSK	1	25	25.15	25.11	25.24	25.17	25.10		
10	QPSK	1	49	25.18	25.22	25.20	25.19	25.15		
10	QPSK	25	0	24.22	24.22	24.24	24.17	24.16	24.7	1
10	QPSK	25	12	24.09	24.14	24.13	24.11	24.11		
10	QPSK	25	25	24.15	24.12	24.15	24.07	24.12		
10	QPSK	50	0	24.07	24.08	24.12	24.07	24.11		
10	16QAM	1	0	24.10	24.07	24.07	23.95	24.00	24.7	1
10	16QAM	1	25	24.20	24.16	24.26	24.11	24.14		
10	16QAM	1	49	24.08	24.02	24.19	24.14	24.06		
10	16QAM	25	0	23.17	23.25	23.26	23.13	23.24	23.7	2
10	16QAM	25	12	23.18	23.13	23.24	23.16	23.15		
10	16QAM	25	25	23.21	23.18	23.18	23.10	23.05		
10	16QAM	50	0	23.19	23.17	23.21	23.25	23.19		
10	64QAM	1	0	23.22	23.26	23.29	23.15	23.30	23.7	2
10	64QAM	1	25	23.10	23.06	23.18	23.10	23.13		
10	64QAM	1	49	23.16	23.13	23.15	23.15	23.11		
10	64QAM	25	0	22.22	22.22	22.24	22.26	22.21	22.7	3
10	64QAM	25	12	22.20	22.08	22.24	22.19	22.18		
10	64QAM	25	25	22.17	22.14	22.25	22.19	22.24		
10	64QAM	50	0	22.26	22.24	22.29	22.25	22.16		
10	256QAM	1	0	20.00	20.14	20.17	20.08	20.08	20.7	5
10	256QAM	1	25	19.96	19.99	20.02	20.03	19.91		
10	256QAM	1	49	20.02	20.03	20.02	19.95	20.03		
10	256QAM	25	0	19.95	20.04	20.01	19.92	19.98	20.7	5
10	256QAM	25	12	19.96	20.03	20.09	20.01	19.98		
10	256QAM	25	25	20.03	20.09	20.11	20.01	20.07		
10	256QAM	50	0	20.02	20.12	20.11	20.02	20.05		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.25	25.11	25.30	25.23	25.20	26	0
5	QPSK	1	12	25.11	25.12	25.25	25.17	25.16		
5	QPSK	1	24	25.18	25.21	25.27	25.13	25.16		
5	QPSK	12	0	24.25	24.20	24.22	24.17	24.22	24.7	1
5	QPSK	12	7	24.04	24.18	24.16	24.14	24.08		
5	QPSK	12	13	24.19	24.15	24.13	24.13	24.16		
5	QPSK	25	0	24.13	24.09	24.20	24.08	24.06		
5	16QAM	1	0	24.09	24.08	24.07	24.01	24.01	24.7	1
5	16QAM	1	12	24.14	24.15	24.26	24.14	24.16		
5	16QAM	1	24	24.09	24.01	24.12	24.14	24.02		
5	16QAM	12	0	23.14	23.24	23.29	23.14	23.26	23.7	2
5	16QAM	12	7	23.20	23.05	23.19	23.20	23.12		
5	16QAM	12	13	23.17	23.14	23.18	23.11	23.06		
5	16QAM	25	0	23.17	23.19	23.29	23.26	23.16		
5	64QAM	1	0	23.24	23.20	23.31	23.22	23.22	23.7	2
5	64QAM	1	12	23.17	23.06	23.23	23.13	23.15		
5	64QAM	1	24	23.14	23.07	23.19	23.21	23.05		
5	64QAM	12	0	22.20	22.20	22.31	22.17	22.19	22.7	3
5	64QAM	12	7	22.17	22.10	22.21	22.19	22.15		
5	64QAM	12	13	22.21	22.13	22.20	22.19	22.19		
5	64QAM	25	0	22.18	22.24	22.29	22.22	22.20		
5	256QAM	1	0	20.05	20.16	20.09	20.06	20.10	20.7	5
5	256QAM	1	12	19.92	20.00	20.06	20.00	19.91		
5	256QAM	1	24	20.02	20.03	20.09	19.99	20.06		
5	256QAM	12	0	20.00	19.98	20.09	19.98	19.96	20.7	5
5	256QAM	12	7	20.02	19.99	20.10	20.04	19.99		
5	256QAM	12	13	20.10	20.07	20.15	19.97	20.11		
5	256QAM	25	0	20.06	20.08	20.14	20.07	20.03		

GSM850 Ant1 DSI2

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.69	32.76	32.71	34.00	23.69	23.76	23.71	25.00
GPRS 1 Tx slot	32.55	32.79	32.61	34.00	23.55	23.79	23.61	25.00
GPRS 2 Tx slots	29.87	29.96	29.87	31.00	23.87	23.96	23.87	25.00
GPRS 3 Tx slots	28.00	28.08	28.07	29.20	23.74	23.82	23.81	24.94
GPRS 4 Tx slots	26.75	26.86	26.81	28.00	23.75	23.86	23.81	25.00
EDGE 1 Tx slot	27.37	27.39	27.35	28.00	18.37	18.39	18.35	19.00
EDGE 2 Tx slots	24.40	24.49	24.44	25.00	18.40	18.49	18.44	19.00
EDGE 3 Tx slots	22.77	22.79	22.77	23.20	18.51	18.53	18.51	18.94
EDGE 4 Tx slots	21.76	21.81	21.76	22.00	18.76	18.81	18.78	19.00

WCDMA V Ant1 DSI2

WCDMA IV Ant1 DSI2

Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.17	24.32	24.28	25.50	21.25	21.26	21.14	23.00
3GPP Rel 99	RMC 12.2Kbps	24.26	24.37	24.33	25.50	21.31	21.35	21.23	23.00
3GPP Rel 6	HSDPA Subtest-1	23.07	23.44	23.09	24.50	20.03	20.40	20.15	22.00
3GPP Rel 6	HSDPA Subtest-2	23.03	23.23	23.23	24.50	20.21	20.29	20.20	22.00
3GPP Rel 6	HSDPA Subtest-3	22.58	22.79	22.59	24.00	19.56	19.75	19.68	21.50
3GPP Rel 6	HSDPA Subtest-4	22.69	22.62	22.62	24.00	19.76	19.65	19.61	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.08	23.11	23.05	24.50	20.05	20.05	20.08	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.94	23.27	23.17	24.50	20.01	20.22	20.21	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.76	22.70	22.80	24.00	19.76	19.74	19.77	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.72	22.66	22.56	24.00	19.79	19.66	19.59	21.50
3GPP Rel 6	HSUPA Subtest-1	23.18	23.33	23.23	24.50	20.11	20.31	20.17	22.00
3GPP Rel 6	HSUPA Subtest-2	21.16	21.19	21.35	22.50	18.22	18.18	18.27	20.00
3GPP Rel 6	HSUPA Subtest-3	22.14	22.23	22.25	23.50	19.16	19.33	19.26	21.00
3GPP Rel 6	HSUPA Subtest-4	20.95	21.25	20.99	22.50	18.01	18.23	18.03	20.00
3GPP Rel 6	HSUPA Subtest-5	23.01	23.28	23.18	24.50	20.05	20.33	20.21	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.64	20.64	20.47	22.00	17.67	17.60	17.54	19.50

Band 4 Ant1 Other PA DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.82	20.80	20.67		
20	QPSK	1	49	20.91	20.78	20.79	21.7	0
20	QPSK	1	99	20.79	20.85	20.84		
20	QPSK	50	0	20.73	20.75	20.72		
20	QPSK	50	24	20.70	20.72	20.62	21.7	0
20	QPSK	50	50	20.71	20.65	20.71		
20	QPSK	100	0	20.75	20.89	20.88		
20	16QAM	1	0	20.78	20.77	20.62		
20	16QAM	1	49	20.88	20.76	20.77	21.7	0
20	16QAM	1	99	20.74	20.81	20.78		
20	16QAM	50	0	20.64	20.74	20.65		
20	16QAM	50	24	20.64	20.64	20.60	21.7	0
20	16QAM	50	50	20.69	20.55	20.63		
20	16QAM	100	0	20.67	20.88	20.85		
20	64QAM	1	0	20.71	20.70	20.66		
20	64QAM	1	49	20.81	20.71	20.71	21.7	0
20	64QAM	1	99	20.73	20.84	20.77		
20	64QAM	50	0	20.65	20.71	20.70		
20	64QAM	50	24	20.65	20.64	20.56	21.7	0
20	64QAM	50	50	20.60	20.59	20.64		
20	64QAM	100	0	20.72	20.82	20.87		
20	256QAM	1	0	19.87	19.78	19.72		
20	256QAM	1	49	19.87	19.81	19.79	20.7	1
20	256QAM	1	99	19.76	19.87	19.83		
20	256QAM	50	0	19.76	19.71	19.75		
20	256QAM	50	24	19.65	19.70	19.64	20.7	1
20	256QAM	50	50	19.68	19.65	19.73		
20	256QAM	100	0	19.80	19.88	19.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.75	20.79	20.61		
15	QPSK	1	37	20.88	20.71	20.77	21.7	0
15	QPSK	1	74	20.75	20.79	20.79		
15	QPSK	36	0	20.71	20.72	20.69		
15	QPSK	36	20	20.69	20.65	20.61	21.7	0
15	QPSK	36	39	20.67	20.62	20.64		
15	QPSK	75	0	20.68	20.84	20.86		
15	16QAM	1	0	20.76	20.68	20.54		
15	16QAM	1	37	20.79	20.74	20.73	21.7	0
15	16QAM	1	74	20.65	20.79	20.71		
15	16QAM	36	0	20.56	20.71	20.54		
15	16QAM	36	20	20.56	20.55	20.51	21.7	0
15	16QAM	36	39	20.62	20.48	20.56		
15	16QAM	75	0	20.66	20.79	20.78		
15	64QAM	1	0	20.60	20.76	20.58		
15	64QAM	1	37	20.73	20.63	20.69	21.7	0
15	64QAM	1	74	20.68	20.81	20.75		
15	64QAM	36	0	20.57	20.70	20.65		
15	64QAM	36	20	20.56	20.56	20.47	21.7	0
15	64QAM	36	39	20.53	20.51	20.60		
15	64QAM	75	0	20.69	20.79	20.80		
15	256QAM	1	0	19.84	19.75	19.69		
15	256QAM	1	37	19.83	19.77	19.68	20.7	1
15	256QAM	1	74	19.72	19.77	19.81		
15	256QAM	36	0	19.69	19.68	19.74		
15	256QAM	36	20	19.55	19.66	19.56	20.7	1
15	256QAM	36	39	19.59	19.59	19.69		
15	256QAM	75	0	19.70	19.78	19.82		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.72	20.76	20.64		
10	QPSK	1	25	20.82	20.71	20.73	21.7	0
10	QPSK	1	49	20.72	20.81	20.74		
10	QPSK	25	0	20.68	20.67	20.63		
10	QPSK	25	12	20.68	20.71	20.53	21.7	0
10	QPSK	25	25	20.65	20.55	20.66		
10	QPSK	50	0	20.72	20.80	20.81		
10	16QAM	1	0	20.72	20.71	20.52		
10	16QAM	1	25	20.77	20.74	20.75	21.7	0
10	16QAM	1	49	20.68	20.75	20.68		
10	16QAM	25	0	20.55	20.66	20.63		
10	16QAM	25	12	20.58	20.59	20.53	21.7	0
10	16QAM	25	25	20.65	20.50	20.59		
10	16QAM	50	0	20.57	20.79	20.82		
10	64QAM	1	0	20.65	20.67	20.62		
10	64QAM	1	25	20.71	20.60	20.61	21.7	0
10	64QAM	1	49	20.69	20.82	20.74		
10	64QAM	25	0	20.60	20.63	20.60		
10	64QAM	25	12	20.61	20.53	20.47	21.7	0
10	64QAM	25	25	20.54	20.55	20.56		
10	64QAM	50	0	20.69	20.77	20.76		
10	256QAM	1	0	19.83	19.70	19.67		
10	256QAM	1	25	19.83	19.71	19.76	20.7	1
10	256QAM	1	49	19.67	19.80	19.78		
10	256QAM	25	0	19.70	19.68	19.65		
10	256QAM	25	12	19.58	19.62	19.59	20.7	1
10	256QAM	25	25	19.60	19.54	19.65		
10	256QAM	50	0	19.76	19.79	19.75		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.79	20.74	20.59		
5	QPSK	1	12	20.88	20.74	20.77	21.7	0
5	QPSK	1	24	20.76	20.79	20.79		
5	QPSK	12	0	20.66	20.68	20.68		
5	QPSK	12	7	20.60	20.68	20.57	21.7	0
5	QPSK	12	13	20.62	20.55	20.62		
5	QPSK	25	0	20.66	20.88	20.85		
5	16QAM	1	0	20.73	20.66	20.59		
5	16QAM	1	12	20.82	20.72	20.68	21.7	0
5	16QAM	1	24	20.66	20.72	20.68		
5	16QAM	12	0	20.58	20.67	20.60		
5	16QAM	12	7	20.53	20.60	20.50	21.7	0
5	16QAM	12	13	20.66	20.53	20.53		
5	16QAM	25	0	20.62	20.78	20.75		
5	64QAM	1	0	20.69	20.73	20.55		
5	64QAM	1	12	20.78	20.66	20.67	21.7	0
5	64QAM	1	24	20.64	20.80	20.73		
5	64QAM	12	0	20.57	20.69	20.65		
5	64QAM	12	7	20.57	20.56	20.52	21.7	0
5	64QAM	12	13	20.56	20.56	20.56		
5	64QAM	25	0	20.63	20.52	20.82		
5	256QAM	1	0	19.80	19.75	19.69		
5	256QAM	1	12	19.82	19.80	19.73	20.7	1
5	256QAM	1	24	19.67	19.78	19.80		
5	256QAM	12	0	19.78	19.67	19.70		
5	256QAM	12	7	19.62	19.68	19.62	20.7	1
5	256QAM	12	13	19.67	19.63	19.72		
5	256QAM	25	0	19.71	19.86	19.80		
Channel				19955	20175	20395	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.79	20.78	20.59		
3	QPSK	1	8	20.84	20.67	20.77	21.7	0
3	QPSK	1	14	20.74	20.79	20.76		
3	QPSK	8	0	20.64	20.66	20.66		
3	QPSK	8	4	20.67	20.68	20.58	21.7	0
3	QPSK	8	7	20.68	20.62	20.69		
3	QPSK	15	0	20.68	20.84	20.81		
3	16QAM	1	0	20.74	20.72	20.59		
3	16QAM	1	8	20.81	20.70	20.71	21.7	0
3	16QAM	1	14	20.69	20.75	20.76		
3	16QAM	8	0	20.61	20.72	20.59		
3	16QAM	8	4	20.57	20.62	20.50	21.7	0
3	16QAM	8	7	20.65	20.49	20.56		
3	16QAM	15	0	20.59	20.86	20.79		
3	64QAM	1	0	20.65	20.68	20.57		
3	64QAM	1	8	20.77	20.70	20.63	21.7	0
3	64QAM	1	14	20.65	20.82	20.74		
3	64QAM	8	0	20.59	20.69	20.62		
3	64QAM	8	4	20.62	20.54	20.54	21.7	0
3	64QAM	8	7	20.56	20.52	20.60		
3	64QAM	15	0	20.62	20.81	20.83		
3	256QAM	1	0	19.77	19.69	19.66		
3	256QAM	1	8	19.85	19.80	19.77	20.7	1
3	256QAM	1	14	19.73	19.80	19.75		
3	256QAM	8	0	19.65	19.66	19.73		
3	256QAM	8	4	19.56	19.65	19.59	20.7	1
3	256QAM	8	7	19.57	19.62	19.65		
3	256QAM	15	0	19.79	19.80	19.78		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.78	20.71	20.64		
1.4	QPSK	1	3	20.89	20.73	20.69		
1.4	QPSK	1	5	20.73	20.76	20.82	21.7	0
1.4	QPSK	3	0	20.63	20.65	20.61		
1.4	QPSK	3	1	20.59	20.66	20.52		
1.4	QPSK	3	3	20.68	20.58	20.61		
1.4	QPSK	6	0	20.69	20.80	20.84	21.7	0
1.4	16QAM	1	0	20.74	20.68	20.56		
1.4	16QAM	1	3	20.81	20.70	20.72		
1.4	16QAM	1	5	20.64	20.72	20.72	21.7	0
1.4	16QAM	3	0	20.56	20.71	20.55		
1.4	16QAM	3	1	20.63	20.61	20.53		
1.4	16QAM	3	3	20.66	20.47	20.57		
1.4	16QAM	6	0	20.64	20.81	20.83	21.7	0
1.4	64QAM	1	0	20.67	20.74	20.60		
1.4	64QAM	1	3	20.75	20.68	20.62		
1.4	64QAM	1	5	20.64	20.76	20.69	21.7	0
1.4	64QAM	3	0	20.56	20.61	20.60		
1.4	64QAM	3	1	20.55	20.63	20.49		
1.4	64QAM	3	3	20.54	20.56	20.63		
1.4	64QAM	6	0	20.70	20.81	20.83	21.7	0
1.4	256QAM	1	0	19.79	19.68	19.67		
1.4	256QAM	1	3	19.77	19.74	19.70		
1.4	256QAM	1	5	19.71	19.76	19.78	20.7	1
1.4	256QAM	3	0	19.75	19.61	19.72		
1.4	256QAM	3	1	19.56	19.63	19.62		
1.4	256QAM	3	3	19.67	19.61	19.63		
1.4	256QAM	6	0	19.70	19.82	19.77	20.7	1

Band 5 Ant1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.47	24.57	24.52		
10	QPSK	1	25	24.40	24.49	24.45	25.5	0
10	QPSK	1	49	24.44	24.48	24.41		
10	QPSK	25	0	23.54	23.57	23.47		
10	QPSK	25	12	23.42	23.51	23.45		
10	QPSK	25	25	23.43	23.50	23.44	24.5	1
10	QPSK	50	0	23.48	23.51	23.48		
10	16QAM	1	0	23.46	23.51	23.43		
10	16QAM	1	25	23.32	23.42	23.39	24.5	1
10	16QAM	1	49	23.33	23.42	23.35		
10	16QAM	25	0	22.48	22.52	22.47		
10	16QAM	25	12	22.43	22.50	22.41	23.5	2
10	16QAM	25	25	22.31	22.41	22.37		
10	16QAM	50	0	22.38	22.44	22.36		
10	64QAM	1	0	22.50	22.51	22.47		
10	64QAM	1	25	22.40	22.44	22.38	23.5	2
10	64QAM	1	49	22.33	22.43	22.35		
10	64QAM	25	0	21.47	21.48	21.41		
10	64QAM	25	12	21.36	21.40	21.33	22.5	3
10	64QAM	25	25	21.37	21.44	21.40		
10	64QAM	50	0	21.48	21.50	21.45		
10	256QAM	1	0	19.62	19.67	19.63		
10	256QAM	1	25	19.56	19.60	19.50	20.5	5
10	256QAM	1	49	19.52	19.60	19.55		
10	256QAM	25	0	19.45	19.51	19.45		
10	256QAM	25	12	19.55	19.61	19.52	20.5	5
10	256QAM	25	25	19.61	19.64	19.61		
10	256QAM	50	0	19.49	19.57	19.55		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.45	24.53	24.43		
5	QPSK	1	12	24.29	24.43	24.36	25.5	0
5	QPSK	1	24	24.36	24.46	24.32		
5	QPSK	12	0	23.45	23.51	23.38		
5	QPSK	12	7	23.31	23.41	23.43	24.5	1
5	QPSK	12	13	23.36	23.48	23.39		
5	QPSK	25	0	23.44	23.45	23.45		
5	16QAM	1	0	23.41	23.40	23.42		
5	16QAM	1	12	23.29	23.31	23.37	24.5	1
5	16QAM	1	24	23.24	23.36	23.25		
5	16QAM	12	0	22.46	22.49	22.45		
5	16QAM	12	7	22.40	22.45	22.35	23.5	2
5	16QAM	12	13	22.24	22.33	22.34		
5	16QAM	25	0	22.32	22.39	22.25		
5	64QAM	1	0	22.47	22.41	22.40		
5	64QAM	1	12	22.37	22.42	22.35	23.5	2
5	64QAM	1	24	22.30	22.35	22.31		
5	64QAM	12	0	21.36	21.38	21.34		
5	64QAM	12	7	21.25	21.30	21.31	22.5	3
5	64QAM	12	13	21.28	21.33	21.34		
5	64QAM	25	0	21.44	21.44	21.38		
5	256QAM	1	0	19.59	19.59	19.54		
5	256QAM	1	12	19.45	19.58	19.49	20.5	5
5	256QAM	1	24	19.50	19.59	19.54		
5	256QAM	12	0	19.41	19.47	19.37		
5	256QAM	12	7	19.47	19.51	19.43	20.5	5
5	256QAM	12	13	19.51	19.55	19.52		
5	256QAM	25	0	19.43	19.51	19.52		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.38	24.48	24.49		
3	QPSK	1	8	24.35	24.39	24.44	25.5	0
3	QPSK	1	14	24.41	24.44	24.34		
3	QPSK	8	0	23.43	23.54	23.38		
3	QPSK	8	4	23.38	23.39	23.41	24.5	1
3	QPSK	8	7	23.34	23.45	23.43		
3	QPSK	15	0	23.40	23.47	23.40		
3	16QAM	1	0	23.42	23.41	23.42		
3	16QAM	1	8	23.29	23.35	23.38	24.5	1
3	16QAM	1	14	23.24	23.35	23.29		
3	16QAM	8	0	22.46	22.51	22.45		
3	16QAM	8	4	22.41	22.41	22.34	23.5	2
3	16QAM	8	7	22.23	22.32	22.35		
3	16QAM	15	0	22.36	22.39	22.26		
3	64QAM	1	0	22.46	22.49	22.38		
3	64QAM	1	8	22.34	22.34	22.35	23.5	2
3	64QAM	1	14	22.26	22.40	22.25		
3	64QAM	8	0	21.43	21.38	21.38		
3	64QAM	8	4	21.28	21.34	21.31	22.5	3
3	64QAM	8	7	21.36	21.34	21.37		
3	64QAM	15	0	21.40	21.48	21.35		
3	256QAM	1	0	19.61	19.65	19.53		
3	256QAM	1	8	19.55	19.51	19.45	20.5	5
3	256QAM	1	14	19.48	19.56	19.53		
3	256QAM	8	0	19.36	19.42	19.38		
3	256QAM	8	4	19.42	19.38	19.45	20.5	5
3	256QAM	8	7	19.51	19.55	19.59		
3	256QAM	15	0	19.43	19.49	19.49		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.37	24.50	24.42		
1.4	QPSK	1	3	24.32	24.38	24.36		
1.4	QPSK	1	5	24.38	24.45	24.32	25.5	0
1.4	QPSK	3	0	24.35	24.41	24.37		
1.4	QPSK	3	1	24.22	24.35	24.34		
1.4	QPSK	3	3	24.29	24.40	24.29		
1.4	QPSK	6	0	23.45	23.47	23.45	24.5	1
1.4	16QAM	1	0	23.40	23.40	23.34		
1.4	16QAM	1	3	23.33	23.32	23.32		
1.4	16QAM	1	5	23.30	23.31	23.24	24.5	1
1.4	16QAM	3	0	23.30	23.31	23.26		
1.4	16QAM	3	1	23.16	23.30	23.23		
1.4	16QAM	3	3	23.23	23.23	23.22		
1.4	16QAM	6	0	22.32	22.40	22.31	23.5	2
1.4	64QAM	1	0	22.47	22.49	22.37		
1.4	64QAM	1	3	22.36	22.41	22.36		
1.4	64QAM	1	5	22.37	22.32	22.25	23.5	2
1.4	64QAM	3	0	22.38	22.46	22.34		
1.4	64QAM	3	1	22.27	22.30	22.26		
1.4	64QAM	3	3	22.13	22.26	22.23		
1.4	64QAM	6	0	21.37	21.48	21.37	22.5	3
1.4	256QAM	1	0	19.53	19.60	19.61		
1.4	256QAM	1	3	19.45	19.58	19.39		
1.4	256QAM	1	5	19.46	19.54	19.51	20.5	5
1.4	256QAM	3	0	19.36	19.49	19.41		
1.4	256QAM	3	1	19.52	19.57	19.47		
1.4	256QAM	3	3	19.53	19.58	19.57		
1.4	256QAM	6	0	19.43	19.48	19.49	20.5	5

Band 7 Ant1 Other PA DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.52	21.61	21.48		
20	QPSK	1	49	21.38	21.56	21.30	22.2	0
20	QPSK	1	99	21.36	21.46	21.38		
20	QPSK	50	0	21.48	21.56	21.40		
20	QPSK	50	24	21.46	21.55	21.46	22.2	0
20	QPSK	50	50	21.51	21.40	21.33		
20	QPSK	100	0	21.50	21.52	21.36		
20	16QAM	1	0	21.41	21.54	21.37		
20	16QAM	1	49	21.36	21.49	21.29	22.2	0
20	16QAM	1	99	21.36	21.44	21.31		
20	16QAM	50	0	21.46	21.53	21.38		
20	16QAM	50	24	21.43	21.53	21.38	22.2	0
20	16QAM	50	50	21.48	21.32	21.26		
20	16QAM	100	0	21.49	21.50	21.25		
20	64QAM	1	0	21.44	21.55	21.45		
20	64QAM	1	49	21.35	21.54	21.26	22.2	0
20	64QAM	1	99	21.36	21.38	21.27		
20	64QAM	50	0	21.40	21.50	21.38		
20	64QAM	50	24	21.44	21.48	21.42	22.2	0
20	64QAM	50	50	21.50	21.30	21.24		
20	64QAM	100	0	21.45	21.50	21.30		
20	256QAM	1	0	20.05	20.12	19.93		
20	256QAM	1	49	19.90	20.07	19.80	20.7	1.5
20	256QAM	1	99	19.92	19.99	19.88		
20	256QAM	50	0	20.02	20.10	19.95		
20	256QAM	50	24	19.97	20.09	20.00	20.7	1.5
20	256QAM	50	50	20.05	19.87	19.87		
20	256QAM	100	0	19.96	20.05	19.87		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.42	21.52	21.38		
15	QPSK	1	37	21.31	21.47	21.28	22.2	0
15	QPSK	1	74	21.43	21.39	21.27		
15	QPSK	36	0	21.39	21.45	21.31		
15	QPSK	36	20	21.36	21.44	21.39	22.2	0
15	QPSK	36	39	21.41	21.31	21.24		
15	QPSK	75	0	21.40	21.43	21.28		
15	16QAM	1	0	21.40	21.50	21.36		
15	16QAM	1	37	21.25	21.45	21.21	22.2	0
15	16QAM	1	74	21.35	21.35	21.28		
15	16QAM	36	0	21.38	21.50	21.28		
15	16QAM	36	20	21.39	21.44	21.30	22.2	0
15	16QAM	36	39	21.42	21.30	21.23		
15	16QAM	75	0	21.42	21.45	21.22		
15	64QAM	1	0	21.35	21.51	21.34		
15	64QAM	1	37	21.34	21.46	21.18	22.2	0
15	64QAM	1	74	21.26	21.27	21.18		
15	64QAM	36	0	21.32	21.44	21.31		
15	64QAM	36	20	21.42	21.39	21.37	22.2	0
15	64QAM	36	39	21.42	21.28	21.22		
15	64QAM	75	0	21.36	21.48	21.24		
15	256QAM	1	0	20.02	20.02	19.82		
15	256QAM	1	37	19.80	20.03	19.74	20.7	1.5
15	256QAM	1	74	19.88	19.91	19.86		
15	256QAM	36	0	19.94	20.07	19.86		
15	256QAM	36	20	19.91	20.00	19.93	20.7	1.5
15	256QAM	36	39	20.00	19.80	19.83		
15	256QAM	75	0	19.86	19.97	19.80		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.43	21.51	21.45		
10	QPSK	1	25	21.35	21.50	21.22	22.2	0
10	QPSK	1	49	21.40	21.36	21.27		
10	QPSK	25	0	21.39	21.45	21.33		
10	QPSK	25	12	21.36	21.52	21.41	22.2	0
10	QPSK	25	25	21.43	21.30	21.29		
10	QPSK	50	0	21.45	21.42	21.27		
10	16QAM	1	0	21.36	21.47	21.30		
10	16QAM	1	25	21.33	21.43	21.27	22.2	0

Band 17 Ant1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.39	24.57	24.50	25.5	0
10	QPSK	1	25	24.52	24.53	24.44		
10	QPSK	1	49	24.39	24.46	24.35		
10	QPSK	25	0	23.54	23.57	23.51	24.5	1
10	QPSK	25	12	23.41	23.52	23.45		
10	QPSK	25	25	23.40	23.48	23.42		
10	QPSK	50	0	23.48	23.50	23.44		
10	16QAM	1	0	23.69	23.75	23.72	24.5	1
10	16QAM	1	25	23.66	23.70	23.63		
10	16QAM	1	49	23.62	23.64	23.53		
10	16QAM	25	0	22.54	22.59	22.56	23.5	2
10	16QAM	25	12	22.40	22.48	22.46		
10	16QAM	25	25	22.45	22.51	22.46		
10	16QAM	50	0	22.47	22.57	22.55		
10	64QAM	1	0	22.54	22.64	22.55	23.5	2
10	64QAM	1	25	22.47	22.53	22.50		
10	64QAM	1	49	22.53	22.54	22.52		
10	64QAM	25	0	21.48	21.52	21.43	22.5	3
10	64QAM	25	12	21.38	21.47	21.39		
10	64QAM	25	25	21.36	21.47	21.42		
10	64QAM	50	0	21.54	21.56	21.54		
10	256QAM	1	0	19.50	19.57	19.50	20.5	5
10	256QAM	1	25	19.42	19.49	19.47		
10	256QAM	1	49	19.43	19.52	19.47		
10	256QAM	25	0	19.48	19.57	19.50	20.5	5
10	256QAM	25	12	19.37	19.47	19.44		
10	256QAM	25	25	19.46	19.53	19.44		
10	256QAM	50	0	19.53	19.56	19.50		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.37	24.50	24.46	25.5	0
5	QPSK	1	12	24.49	24.51	24.34		
5	QPSK	1	24	24.37	24.37	24.26		
5	QPSK	12	0	23.52	23.50	23.41	24.5	1
5	QPSK	12	7	23.33	23.42	23.39		
5	QPSK	12	13	23.39	23.43	23.36		
5	QPSK	25	0	23.44	23.43	23.38		
5	16QAM	1	0	23.61	23.64	23.65	24.5	1
5	16QAM	1	12	23.56	23.64	23.54		
5	16QAM	1	24	23.56	23.60	23.52		
5	16QAM	12	0	22.48	22.57	22.48	23.5	2
5	16QAM	12	7	22.33	22.37	22.41		
5	16QAM	12	13	22.44	22.48	22.41		
5	16QAM	25	0	22.46	22.55	22.50		
5	64QAM	1	0	22.50	22.61	22.49	23.5	2
5	64QAM	1	12	22.40	22.51	22.45		
5	64QAM	1	24	22.49	22.51	22.51		
5	64QAM	12	0	21.41	21.42	21.37	22.5	3
5	64QAM	12	7	21.29	21.44	21.28		
5	64QAM	12	13	21.31	21.41	21.35		
5	64QAM	25	0	21.44	21.47	21.48		
5	256QAM	1	0	19.43	19.54	19.48	20.5	5
5	256QAM	1	12	19.35	19.45	19.39		
5	256QAM	1	24	19.38	19.45	19.41		
5	256QAM	12	0	19.45	19.50	19.49	20.5	5
5	256QAM	12	7	19.36	19.45	19.35		
5	256QAM	12	13	19.39	19.43	19.34		
5	256QAM	25	0	19.48	19.50	19.44		

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BW [MHz]	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	24.49	24.54	24.45	25.5	0
15	QPSK	1	37	24.43	24.47	24.43		
15	QPSK	1	74	24.46	24.50	24.47		
15	QPSK	36	0	23.45	23.54	23.51	24.5	1
15	QPSK	36	20	23.40	23.51	23.41		
15	QPSK	36	39	23.34	23.45	23.38		
15	QPSK	75	0	23.50	23.57	23.52		
15	16QAM	1	0	23.46	23.57	23.56	24.5	1
15	16QAM	1	37	23.35	23.45	23.41		
15	16QAM	1	74	23.45	23.53	23.51		
15	16QAM	36	0	22.52	22.61	22.55	23.5	2
15	16QAM	36	20	22.56	22.58	22.52		
15	16QAM	36	39	22.48	22.55	22.52		
15	16QAM	75	0	22.49	22.54	22.47		
15	64QAM	1	0	22.51	22.57	22.52	23.5	2
15	64QAM	1	37	22.53	22.58	22.54		
15	64QAM	1	74	22.44	22.54	22.46		
15	64QAM	36	0	21.48	21.55	21.44	22.5	3
15	64QAM	36	20	21.44	21.50	21.47		
15	64QAM	36	39	21.50	21.53	21.45		
15	64QAM	75	0	21.42	21.50	21.42		
15	256QAM	1	0	19.45	19.51	19.45	20.5	5
15	256QAM	1	37	19.39	19.46	19.35		
15	256QAM	1	74	19.45	19.46	19.43		
15	256QAM	36	0	19.45	19.54	19.52	20.5	5
15	256QAM	36	20	19.38	19.44	19.35		
15	256QAM	36	39	19.38	19.47	19.42		
15	256QAM	75	0	19.34	19.43	19.36		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.45	24.45	24.44	25.5	0
10	QPSK	1	25	24.36	24.44	24.37		
10	QPSK	1	49	24.35	24.45	24.42		
10	QPSK	25	0	23.35	23.53	23.44	24.5	1
10	QPSK	25	12	23.32	23.44	23.35		
10	QPSK	25	25	23.30	23.39	23.32		
10	QPSK	50	0	23.46	23.56	23.48		
10	16QAM	1	0	23.45	23.56	23.48	24.5	1
10	16QAM	1	25	23.33	23.39	23.30		
10	16QAM	1	49	23.42	23.51	23.44		
10	16QAM	25	0	22.48	22.57	22.45	23.5	2
10	16QAM	25	12	22.55	22.49	22.47		
10	16QAM	25	25	22.43	22.49	22.42		
10	16QAM	50	0	22.46	22.49	22.37		
10	64QAM	1	0	22.41	22.50	22.49	23.5	2
10	64QAM	1	25	22.50	22.53	22.49		
10	64QAM	1	49	22.39	22.52	22.39		
10	64QAM	25	0	21.46	21.46	21.34	22.5	3
10	64QAM	25	12	21.42	21.44	21.48		
10	64QAM	25	25	21.48	21.42	21.37		
10	64QAM	50	0	21.33	21.39	21.39		
10	256QAM	1	0	19.43	19.43	19.43	20.5	5
10	256QAM	1	25	19.33	19.37	19.28		
10	256QAM	1	49	19.36	19.37	19.38		
10	256QAM	25	0	19.39	19.45	19.47	20.5	5
10	256QAM	25	12	19.33	19.36	19.29		
10	256QAM	25	25	19.28	19.37	19.40		
10	256QAM	50	0	19.26	19.39	19.31		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.47	24.45	24.41	25.5	0
5	QPSK	1	12	24.36	24.43	24.41		
5	QPSK	1	24	24.41	24.46	24.42		
5	QPSK	12	0	23.38	23.48	23.50	24.5	1
5	QPSK	12	7	23.37	23.44	23.38		
5	QPSK	12	13	23.31	23.40	23.34		
5	QPSK	25	0	23.47	23.47	23.51		
5	16QAM	1	0	23.41	23.52	23.53	24.5	1
5	16QAM	1	12	23.25	23.35	23.30		
5	16QAM	1	24	23.42	23.42	23.41		
5	16QAM	12	0	22.43	22.53	22.50	23.5	2
5	16QAM	12	7	22.50	22.55	22.43		
5	16QAM	12	13	22.44	22.54	22.44		
5	16QAM	25	0	22.41	22.44	22.37		
5	64QAM	1	0	22.45	22.50	22.47	23.5	2
5	64QAM	1	12	22.48	22.49	22.48		
5	64QAM	1	24	22.38	22.47	22.41		
5	64QAM	12	0	21.38	21.45	21.34	22.5	3
5	64QAM	12	7	21.42	21.42	21.45		
5	64QAM	12	13	21.49	21.50	21.38		
5	64QAM	25	0	21.34	21.40	21.40		
5	256QAM	1	0	19.42	19.41	19.39	20.5	5
5	256QAM	1	12	19.38	19.42	19.26		
5	256QAM	1	24	19.39	19.38	19.38		
5	256QAM	12	0	19.41	19.50	19.44	20.5	5
5	256QAM	12	7	19.30	19.36	19.30		
5	256QAM	12	13	19.36	19.37	19.32		
5	256QAM	25	0	19.31	19.33	19.28		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.40	24.53	24.36	25.5	0
3	QPSK	1	8	24.38	24.44	24.38		
3	QPSK	1	14	24.42	24.40	24.39		
3	QPSK	8	0	23.37	23.47	23.42	24.5	1
3	QPSK	8	4	23.32	23.49	23.30		
3	QPSK	8	7	23.33	23.40	23.29		
3	QPSK	15	0	23.51	23.54	23.43		
3	16QAM	1	0	23.43	23.46	23.46	24.5	1
3	16QAM	1	8	23.32	23.37	23.32		
3	16QAM	1	14	23.37	23.45	23.45		
3	16QAM	8	0	22.46	22.55	22.51	23.5	2
3	16QAM	8	4	22.50	22.48	22.42		
3	16QAM	8	7	22.41	22.49	22.51		
3	16QAM	15	0	22.39	22.52	22.36		
3	64QAM	1	0	22.41	22.46	22.44	23.5	2
3	64QAM	1	8	22.49	22.51	22.45		
3	64QAM	1	14	22.43	22.51	22.39		
3	64QAM	8	0	21.40	21.52	21.37	22.5	3
3	64QAM	8	4	21.34	21.40	21.39		
3	64QAM	8	7	21.41	21.46	21.42		
3	64QAM	15	0	21.35	21.41	21.38		
3	256QAM	1	0	19.41	19.45	19.36	20.5	5
3	256QAM	1	8	19.31	19.41	19.34		
3	256QAM	1	14	19.41	19.44	19.41		
3	256QAM	8	0	19.37	19.46	19.46	20.5	5
3	256QAM	8	4	19.28	19.35	19.34		
3	256QAM	8	7	19.33	19.46	19.40		
3	256QAM	15	0	19.23	19.38	19.32		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.38	24.52	24.35	25.5	0
1.4	QPSK	1	3	24.40	24.42	24.33		
1.4	QPSK	1	5	24.36	24.45	24.40		
1.4	QPSK	3	0	24.30	24.49	24.34		
1.4	QPSK	3	1	24.29	24.32	24.27		
1.4	QPSK	3	3	24.34	24.43	24.33		
1.4	QPSK	6	0	23.51	23.53	23.46	24.5	1
1.4	16QAM	1	0	23.42	23.48	23.48	24.5	1
1.4	16QAM	1	3	23.26	23.36	23.32		
1.4	16QAM	1	5	23.43	23.50	23.42		
1.4	16QAM	3	0	23.39	23.41	23.39		
1.4	16QAM	3	1	23.24	23.26	23.25		
1.4	16QAM	3	3	23.40	23.42	23.37		
1.4	16QAM	6	0	22.43	22.43	22.43	23.5	2
1.4	64QAM	1	0	22.42	22.48	22.44	23.5	2
1.4	64QAM	1	3	22.49	22.54	22.45		
1.4	64QAM	1	5	22.37	22.43	22.38		
1.4	64QAM	3	0	22.34	22.36	22.34		
1.4	64QAM	3	1	22.36	22.42	22.39		
1.4	64QAM	3	3	22.45	22.53	22.41		
1.4	64QAM	6	0	21.32	21.43	21.41	22.5	3
1.4	256QAM	1	0	19.35	19.42	19.40	20.5	5
1.4	256QAM	1	3	19.37	19.37	19.31		
1.4	256QAM	1	5	19.39	19.42	19.35		
1.4	256QAM	3	0	19.42	19.51	19.45		
1.4	256QAM	3	1	19.35	19.42	19.34		
1.4	256QAM	3	3	19.37	19.42	19.35		
1.4	256QAM	6	0	19.30	19.34	19.28	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.46	15.61	15.40	17.2	0
20	QPSK	1	49	15.46	15.41	15.33		
20	QPSK	1	99	15.39	15.42	15.37		
20	QPSK	50	0	15.39	15.54	15.37	17.2	0
20	QPSK	50	24	15.37	15.51	15.47		
20	QPSK	50	50	15.44	15.48	15.36		
20	QPSK	100	0	15.35	15.52	15.36		
20	16QAM	1	0	15.35	15.56	15.37	17.2	0
20	16QAM	1	49	15.37	15.32	15.25		
20	16QAM	1	99	15.35	15.34	15.34		
20	16QAM	50	0	15.31	15.49	15.31		
20	16QAM	50	24	15.29	15.49	15.39		
20	16QAM	50	50	15.38	15.43	15.33		
20	16QAM	100	0	15.29	15.45	15.30		
20	64QAM	1	0	15.36	15.52	15.30	17.2	0
20	64QAM	1	49	15.37	15.32	15.22		
20	64QAM	1	99	15.31	15.39	15.30		
20	64QAM	50	0	15.36	15.46	15.27		
20	64QAM	50	24	15.27	15.44	15.39		
20	64QAM	50	50	15.37	15.41	15.25		
20	64QAM	100	0	15.31	15.49	15.34		
20	256QAM	1	0	15.44	15.50	15.37	17.2	0
20	256QAM	1	49	15.36	15.32	15.29		
20	256QAM	1	99	15.33	15.35	15.30		
20	256QAM	50	0	15.34	15.46	15.34	17.2	0
20	256QAM	50	24	15.33	15.41	15.45		
20	256QAM	50	50	15.37	15.43	15.32		
20	256QAM	100	0	15.29	15.42	15.33		
Channel				132047	17312.32	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.43	15.52	15.34	17.2	0
15	QPSK	1	37	15.44	15.38	15.27		
15	QPSK	1	74	15.28	15.41	15.30		
15	QPSK	36	0	15.36	15.51	15.29	17.2	0
15	QPSK	36	20	15.28	15.49	15.41		
15	QPSK	36	39	15.36	15.42	15.29		
15	QPSK	75	0	15.28	15.44	15.32		
15	16QAM	1	0	15.30	15.51	15.29	17.2	0
15	16QAM	1	37	15.34	15.29	15.21		
15	16QAM	1	74	15.26	15.26	15.25		
15	16QAM	36	0	15.24	15.43	15.24	17.2	0
15	16QAM	36	20	15.27	15.44	15.37		
15	16QAM	36	39	15.29	15.37	15.28		
15	16QAM	75	0	15.23	15.36	15.21		
15	64QAM	1	0	15.32	15.44	15.25	17.2	0
15	64QAM	1	37	15.32	15.24	15.21		
15	64QAM	1	74	15.26	15.35	15.23		
15	64QAM	36	0	15.27	15.40	15.23	17.2	0
15	64QAM	36	20	15.23	15.35	15.30		
15	64QAM	36	39	15.34	15.37	15.14		
15	64QAM	75	0	15.27	15.48	15.26		
15	256QAM	1	0	15.42	15.42	15.33	17.2	0
15	256QAM	1	37	15.33	15.25	15.21		
15	256QAM	1	74	15.23	15.33	15.25		
15	256QAM	36	0	15.24	15.42	15.29	17.2	0
15	256QAM	36	20	15.25	15.36	15.35		
15	256QAM	36	39	15.31	15.38	15.27		
15	256QAM	75	0	16.80	16.95	16.79		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.43	15.52	15.38	17.2	0
10	QPSK	1	25	15.38	15.33	15.25		
10	QPSK	1	49	15.36	15.32	15.33		
10	QPSK	25	0	15.30	15.48	15.29	17.2	0
10	QPSK	25	12	15.36	15.50	15.44		
10	QPSK	25	25	15.42	15.46	15.29		
10	QPSK	50	0	15.31	15.48	15.26		
10	16QAM	1	0	15.29	15.47	15.33	17.2	0
10	16QAM	1	25	15.30	15.21	15.20		
10	16QAM	1	49	15.33	15.31	15.31		
10	16QAM	25	0	15.30	15.44	15.21	17.2	0
10	16QAM	25	12	15.28	15.42	15.32		
10	16QAM	25	25	15.33	15.34	15.27		
10	16QAM	50	0	15.21	15.37	15.29		
10	64QAM	1	0	15.31	15.44	15.22	17.2	0
10	64QAM	1	25	15.34	15.22	15.31		
10	64QAM	1	49	15.28	15.37	15.22		
10	64QAM	25	0	15.27	15.38	15.33	17.2	0
10	64QAM	25	12	15.21	15.40	15.32		
10	64QAM	25	25	15.32	15.39	15.16		
10	64QAM	50	0	15.23	15.42	15.26		
10	256QAM	1	0	15.33	15.41	15.35	17.2	0
10	256QAM	1	25	15.27	15.31	15.20		
10	256QAM	1	49	15.27	15.28	15.23		
10	256QAM	25	0	15.23	15.41	15.26	17.2	0
10	256QAM	25	12	15.23	15.39	15.35		
10	256QAM	25	25	15.33	15.41	15.22		
10	256QAM	50	0	16.86	16.95	16.85		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.40	15.57	15.35	17.2	0
5	QPSK	1	12	15.35	15.34	15.26		
5	QPSK	1	24	15.36	15.37	15.30		
5	QPSK	12	0	15.30	15.48	15.31	17.2	0
5	QPSK	12	7	15.32	15.45	15.39		
5	QPSK	12	13	15.36	15.44	15.32		
5	QPSK	25	0	15.26	15.49	15.29		
5	16QAM	1	0	15.33	15.53	15.34	17.2	0
5	16QAM	1	12	15.27	15.30	15.31		
5	16QAM	1	24	15.32	15.25	15.24		
5	16QAM	12	0	15.25	15.39	15.23	17.2	0
5	16QAM	12	7	15.21	15.38	15.30		
5	16QAM	12	13	15.31	15.32	15.27		
5	16QAM	25	0	15.22	15.37	15.23		
5	64QAM	1	0	15.32	15.50	15.25	17.2	0
5	64QAM	1	12	15.27	15.25	15.32		
5	64QAM	1	24	15.26	15.37	15.25		
5	64QAM	12	0	15.34	15.39	15.23	17.2	0
5	64QAM	12	7	15.20	15.39	15.31		
5	64QAM	12	13	15.27	15.34	15.14		
5	64QAM	25	0	15.22	15.41	15.23		
5	256QAM	1	0	15.38	15.46	15.27	17.2	0
5	256QAM	1	12	15.33	15.23	15.23		
5	256QAM	1	24	15.27	15.25	15.24		
5	256QAM	12	0	15.26	15.36	15.29	17.2	0
5	256QAM	12	7	15.30	15.34	15.39		
5	256QAM	12	13	15.35	15.33	15.30		
5	256QAM	25	0	16.87	16.91	16.82		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.44	15.53	15.30	17.2	0
3	QPSK	1	8	15.36	15.38	15.31		
3	QPSK	1	14	15.28	15.35	15.29		
3	QPSK	8	0	15.37	15.49	15.36	17.2	0
3	QPSK	8	4	15.29	15.43	15.39		
3	QPSK	8	7	15.37	15.44	15.29		
3	QPSK	15	0	15.26	15.43	15.27		
3	16QAM	1	0	15.33	15.47	15.35	17.2	0
3	16QAM	1	8	15.35	15.25	15.43		
3	16QAM	1	14	15.31	15.24	15.33		
3	16QAM	8	0	15.27	15.42	15.29	17.2	0
3	16QAM	8	4	15.27	15.47	15.32		
3	16QAM	8	7	15.29	15.33	15.31		
3	16QAM	15	0	15.26	15.39	15.20		
3	64QAM	1	0	15.32	15.45	15.20	17.2	0
3	64QAM	1	8	15.36	15.23	15.43		
3	64QAM	1	14	15.29	15.33	15.29		
3	64QAM	8	0	15.30	15.36	15.21	17.2	0
3	64QAM	8	4	15.17	15.36	15.38		
3	64QAM	8	7	15.34	15.33	15.20		
3	64QAM	15	0	15.28	15.43	15.29		
3	256QAM	1	0	15.40	15.39	15.30	17.2	0
3	256QAM	1	8	15.29	15.26	15.43		
3	256QAM	1	14	15.30	15.32	15.26		
3	256QAM	8	0	15.26	15.37	15.27	17.2	0
3	256QAM	8	4	15.30	15.32	15.34		
3	256QAM	8	7	15.35	15.39	15.29		
3	256QAM	15	0	16.85	16.86	16.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.44	15.53	15.32	17.2	0
1.4	QPSK	1	3	15.38	15.37	15.28		
1.4	QPSK	1	5	15.38	15.39	15.29		
1.4	QPSK	3	0	15.32	15.52	15.27		
1.4	QPSK	3	1	15.33	15.47	15.45		
1.4	QPSK	3	3	15.42	15.41	15.31		
1.4	QPSK	6	0	15.26	15.42	15.32	17.2	0
1.4	16QAM	1	0	15.25	15.52	15.31	17.2	0
1.4	16QAM	1	3	15.34	15.22	15.33		
1.4	16QAM	1	5	15.27	15.32	15.28		
1.4	16QAM	3	0	15.20	15.38	15.21		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.08	23.24	22.93	23.7	0
20	QPSK	1	49	23.02	23.00	22.95		
20	QPSK	1	99	23.03	23.09	23.07		
20	QPSK	50	0	22.90	23.16	22.91	23.7	0
20	QPSK	50	24	23.07	23.15	23.06		
20	QPSK	50	50	23.06	23.06	22.97		
20	QPSK	100	0	23.05	23.06	22.97		
20	16QAM	1	0	23.03	23.19	22.85	23.7	0
20	16QAM	1	49	22.93	22.91	22.83		
20	16QAM	1	99	22.91	22.99	22.97		
20	16QAM	50	0	22.76	23.05	22.84	23.7	0
20	16QAM	50	24	22.98	23.06	22.94		
20	16QAM	50	50	22.95	22.94	22.91		
20	16QAM	100	0	22.93	22.96	22.84		
20	64QAM	1	0	22.96	23.18	22.85	23.7	0
20	64QAM	1	49	22.94	22.91	22.85		
20	64QAM	1	99	22.97	23.05	22.99		
20	64QAM	50	0	22.06	22.29	21.98	22.7	1
20	64QAM	50	24	22.04	22.01	21.98		
20	64QAM	50	50	22.04	22.07	22.04		
20	64QAM	100	0	21.91	22.13	21.95		
20	256QAM	1	0	20.12	20.26	19.96	20.7	3
20	256QAM	1	49	19.99	19.96	19.99		
20	256QAM	1	99	20.04	20.06	20.04		
20	256QAM	50	0	19.91	20.17	19.95	20.7	3
20	256QAM	50	24	20.05	20.12	20.08		
20	256QAM	50	50	20.01	20.04	19.94		
20	256QAM	100	0	20.09	20.01	20.00		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.03	23.18	22.88	23.7	0
15	QPSK	1	37	22.90	22.90	22.83		
15	QPSK	1	74	22.93	23.02	22.97		
15	QPSK	36	0	22.82	23.04	22.86	23.7	0
15	QPSK	36	20	23.02	23.10	23.00		
15	QPSK	36	39	22.98	22.99	22.93		
15	QPSK	75	0	22.91	22.98	22.89		
15	16QAM	1	0	22.97	23.09	22.73	23.7	0
15	16QAM	1	37	22.88	22.84	22.74		
15	16QAM	1	74	22.78	22.89	22.88		
15	16QAM	36	0	22.67	22.94	22.70	23.7	0
15	16QAM	36	20	22.93	22.92	22.86		
15	16QAM	36	39	22.84	22.80	22.79		
15	16QAM	75	0	22.89	22.92	22.79		
15	64QAM	1	0	22.88	23.13	22.81	23.7	0
15	64QAM	1	37	22.86	22.79	22.76		
15	64QAM	1	74	22.92	22.94	22.85		
15	64QAM	36	0	21.95	22.20	21.89	22.7	1
15	64QAM	36	20	21.94	21.92	21.86		
15	64QAM	36	39	21.93	21.93	21.92		
15	64QAM	75	0	21.86	22.01	21.83		
15	256QAM	1	0	20.02	20.16	19.91	20.7	3
15	256QAM	1	37	19.87	19.91	19.87		
15	256QAM	1	74	19.91	19.97	19.94		
15	256QAM	36	0	19.86	20.11	19.90	20.7	3
15	256QAM	36	20	19.98	20.03	19.95		
15	256QAM	36	39	19.96	19.94	19.85		
15	256QAM	75	0	20.00	19.95	19.96		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.00	23.16	22.81	23.7	0
10	QPSK	1	25	22.98	22.88	22.91		
10	QPSK	1	49	22.90	23.03	23.00		
10	QPSK	25	0	22.81	23.07	22.85	23.7	0
10	QPSK	25	12	22.96	23.07	22.94		
10	QPSK	25	25	22.97	22.99	22.83		
10	QPSK	50	0	22.96	22.99	22.88		
10	16QAM	1	0	22.92	23.14	22.79	23.7	0
10	16QAM	1	25	22.81	22.82	22.76		
10	16QAM	1	49	22.83	22.86	22.92		
10	16QAM	25	0	22.62	22.92	22.80	23.7	0
10	16QAM	25	12	22.86	23.00	22.85		
10	16QAM	25	25	22.91	22.85	22.79		
10	16QAM	50	0	22.82	22.90	22.80		
10	64QAM	1	0	22.87	23.12	22.79	23.7	0
10	64QAM	1	25	22.84	22.83	22.76		
10	64QAM	1	49	22.90	22.95	22.88		
10	64QAM	25	0	21.92	22.21	21.91	22.7	1
10	64QAM	25	12	21.91	21.90	21.87		
10	64QAM	25	25	21.98	21.93	21.94		
10	64QAM	50	0	21.86	22.06	21.86		
10	256QAM	1	0	19.99	20.13	19.84	20.7	3
10	256QAM	1	25	19.89	19.91	19.88		
10	256QAM	1	49	19.94	19.97	19.91		
10	256QAM	25	0	19.85	20.08	19.82	20.7	3
10	256QAM	25	12	19.95	19.99	20.01		
10	256QAM	25	25	19.93	19.98	19.87		
10	256QAM	50	0	19.99	19.91	19.91		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.96	23.17	22.86	23.7	0
5	QPSK	1	12	22.88	22.89	22.83		
5	QPSK	1	24	22.92	23.04	22.94		
5	QPSK	12	0	22.86	23.11	22.86	23.7	0
5	QPSK	12	7	22.99	23.05	22.98		
5	QPSK	12	13	22.99	23.00	22.84		
5	QPSK	25	0	22.98	22.94	22.92		
5	16QAM	1	0	22.93	23.08	22.79	23.7	0
5	16QAM	1	12	22.85	22.79	22.74		
5	16QAM	1	24	22.87	22.92	22.92		
5	16QAM	12	0	22.67	22.94	22.73	23.7	0
5	16QAM	12	7	22.93	22.93	22.89		
5	16QAM	12	13	22.83	22.88	22.82		
5	16QAM	25	0	22.87	22.86	22.79		
5	64QAM	1	0	22.88	23.06	22.81	23.7	0
5	64QAM	1	12	22.80	22.81	22.80		
5	64QAM	1	24	22.86	22.99	22.87		
5	64QAM	12	0	21.94	22.21	21.86	22.7	1
5	64QAM	12	7	21.95	21.87	21.88		
5	64QAM	12	13	21.91	21.94	21.94		
5	64QAM	25	0	21.86	22.04	21.83		
5	256QAM	1	0	20.04	20.21	19.88	20.7	3
5	256QAM	1	12	19.90	19.92	19.86		
5	256QAM	1	24	19.90	19.94	19.97		
5	256QAM	12	0	19.81	20.07	19.89	20.7	3
5	256QAM	12	7	19.92	19.98	20.01		
5	256QAM	12	13	19.87	19.91	19.83		
5	256QAM	25	0	20.04	19.93	19.95		

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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	23.02	23.09	23.25	22.74	22.70	23.7	0
20	QPSK	1	49	23.10	22.99	23.08	23.01	23.06		
20	QPSK	1	99	23.13	23.02	23.12	23.11	23.06		
20	QPSK	50	0	23.02	23.10	23.23	23.04	23.06	23.7	0
20	QPSK	50	24	23.09	23.12	23.13	23.08	23.08		
20	QPSK	50	50	22.99	23.01	23.21	23.07	23.08		
20	QPSK	100	0	23.16	22.98	23.20	23.13	23.01		
20	16QAM	1	0	22.95	23.01	23.19	22.65	22.68	23.7	0
20	16QAM	1	49	23.01	22.88	22.97	22.92	22.96		
20	16QAM	1	99	23.09	22.97	23.08	23.09	23.01		
20	16QAM	50	0	22.97	23.00	23.15	22.70	22.67	23.7	0
20	16QAM	50	24	23.03	22.92	22.98	22.96	23.00		
20	16QAM	50	50	23.05	22.99	23.09	23.09	22.96		
20	16QAM	100	0	22.91	23.08	23.15	22.95	23.01		
20	64QAM	1	0	23.05	23.10	23.05	23.05	23.03	23.7	0
20	64QAM	1	49	22.93	22.96	23.15	22.99	23.00		
20	64QAM	1	99	23.14	22.94	23.19	23.08	22.96		
20	64QAM	50	0	21.97	22.07	22.22	21.76	21.67	22.7	1
20	64QAM	50	24	22.10	21.94	22.03	21.99	22.04		
20	64QAM	50	50	22.13	22.01	22.12	22.13	22.09		
20	64QAM	100	0	22.05	22.12	22.25	22.07	22.07		
20	256QAM	1	0	20.06	20.13	20.27	19.78	19.66	20.7	3
20	256QAM	1	49	20.06	19.96	20.06	19.98	20.10		
20	256QAM	1	99	20.14	20.02	20.08	20.15	20.06		
20	256QAM	50	0	20.06	20.06	20.26	20.08	20.06	20.7	3
20	256QAM	50	24	20.04	20.11	20.10	20.03	20.13		
20	256QAM	50	50	20.02	20.03	20.24	20.05	20.07		
20	256QAM	100	0	20.14	20.01	20.22	20.15	20.02		
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	22.96	23.04	23.21	22.70	22.67	24	0
15	QPSK	1	37	23.01	22.96	23.03	23.00	23.04		
15	QPSK	1	74	23.07	22.94	23.07	23.01	22.98		
15	QPSK	36	0	22.97	23.07	23.18	23.01	22.96	23.7	0
15	QPSK	36	20	23.02	23.02	23.04	23.02	22.98		
15	QPSK	36	39	22.88	22.98	23.12	23.06	23.06		
15	QPSK	75	0	23.07	22.94	23.12	23.09	22.98		
15	16QAM	1	0	22.91	22.92	23.09	22.57	22.62	23.7	0
15	16QAM	1	37	22.95	22.84	22.93	22.84	22.90		
15	16QAM	1	74	23.07	22.91	23.02	23.01	22.95		
15	16QAM	36	0	22.94	22.96	23.06	22.63	22.60	23.7	0
15	16QAM	36	20	23.02	22.88	22.92	22.90	22.96		
15	16QAM	36	39	22.99	22.89	23.06	23.01	22.89		
15	16QAM	75	0	22.86	23.01	23.12	22.93	23.00		
15	64QAM	1	0	23.01	23.08	23.02	22.94	22.98	23.7	0
15	64QAM	1	37	22.92	22.86	23.08	22.93	22.96		
15	64QAM	1	74	23.03	22.90	23.09	23.05	22.86		
15	64QAM	36	0	21.87	22.01	22.21	21.66	21.64	22.7	1
15	64QAM	36	20	22.03	21.90	21.96	21.94	22.01		
15	64QAM	36	39	22.05	21.93	22.03	22.05	22.06		
15	64QAM	75	0	21.98	22.03	22.16	21.97	22.06		
15	256QAM	1	0	20.01	20.10	20.16	19.68	19.60	20.7	3
15	256QAM	1	37	20.04	19.89	19.98	19.94	20.04		
15	256QAM	1	74	20.09	19.92	20.05	20.13	19.96		
15	256QAM	36	0	19.98	20.04	20.24	19.98	20.03	20.7	3
15	256QAM	36	20	19.99	20.04	20.05	20.00	20.04		
15	256QAM	36	39	19.91	20.01	20.21	19.97	19.96		
15	256QAM	75	0	20.13	19.96	20.12	20.08	19.96		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.96	23.03	23.17	22.69	22.69	24	0
10	QPSK	1	25	23.01	22.92	23.02	22.96	23.02		
10	QPSK	1	49	23.11	22.92	23.01	23.05	22.97		
10	QPSK	25	0	22.92	23.04	23.19	22.95	23.02	23.7	0
10	QPSK	25	12	22.99	23.03	23.11	23.00	23.01		
10	QPSK	25	25	22.98	22.94	23.14	22.98	23.00		
10	QPSK	50	0	23.13	22.96	23.11	23.07	22.98		
10	16QAM	1	0	22.85	22.98	23.09	22.58	22.66	23.7	0
10	16QAM	1	25	22.93	22.77	22.89	22.86	22.90		
10	16QAM	1	49	23.03	22.95	23.01	23.06	22.91		
10	16QAM	25	0	22.93	22.95	23.08	22.61	22.60	23.7	0
10	16QAM	25	12	22.95	22.84	22.90	22.91	22.98		
10	16QAM	25	25	22.96	22.89	23.08	23.04	22.93		
10	16QAM	50	0	22.86	23.04	23.09	22.93	22.91		
10	64QAM	1	0	23.03	23.04	22.96	22.96	22.95	23.7	0
10	64QAM	1	25	22.82	22.87	23.11	22.91	22.98		
10	64QAM	1	49	23.12	22.87	23.11	23.06	22.88		
10	64QAM	25	0	21.89	21.98	22.14	21.69	21.62	22.7	1
10	64QAM	25	12	22.02	21.88	21.94	21.96	21.94		
10	64QAM	25	25	22.03	21.90	22.09	22.07	22.07		
10	64QAM	50	0	21.99	22.04	22.21	22.02	21.99		
10	256QAM	1	0	20.00	20.11	20.22	19.76	19.65	20.7	3
10	256QAM	1	25	20.00	19.93	19.95	19.96	20.06		
10	256QAM	1	49	20.08	19.95	19.98	20.12	20.05		
10	256QAM	25	0	20.02	20.01	20.20	20.03	20.05	20.7	3
10	256QAM	25	12	19.99	20.02	20.00	20.00	20.05		
10	256QAM	25	25	20.00	19.98	20.22	20.01	20.05		
10	256QAM	50	0	20.11	19.92	20.18	20.04	19.92		
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	22.96	23.02	23.21	22.71	22.63	24	0
5	QPSK	1	12	23.03	22.93	22.99	22.94	23.01		
5	QPSK	1	24	23.05	23.00	23.03	23.03	22.96		
5	QPSK	12	0	22.96	23.06	23.14	22.97	23.05	23.7	0
5	QPSK	12	7	23.05	23.03	23.07	23.07	23.05		
5	QPSK	12	13	22.93	22.99	23.19	23.01	22.98		
5	QPSK	25	0	23.05	22.97	23.13	23.06	22.97		
5	16QAM	1	0	22.84	22.92	23.10	22.63	22.66	23.7	0
5	16QAM	1	12	22.99	22.85	22.94	22.87	22.93		
5	16QAM	1	24	23.06	22.94	23.02	23.05	22.99		
5	16QAM	12	0	22.88	22.99	23.09	22.61	22.59	23.7	0
5	16QAM	12	7	22.99	22.90	22.88	22.91	22.92		
5	16QAM	12	13	23.04	22.97	22.98	23.03	22.89		
5	16QAM	25	0	22.81	22.98	23.06	22.88	22.98		
5	64QAM	1	0	23.00	22.99	23.00	22.96	22.92	23.7	0
5	64QAM	1	12	22.88	22.88	23.11	22.88	22.95		
5	64QAM	1	24	23.11	22.89	23.11	23.05	22.88		
5	64QAM	12	0	21.92	21.97	22.12	21.72	21.62	22.7	1
5	64QAM	12	7	22.06	21.91	21.95	21.94	21.98		
5	64QAM	12	13	22.09	21.93	22.10	22.12	22.07		
5	64QAM	25	0	22.03	22.06	22.21	22.02	22.00		
5	256QAM	1	0	19.98	20.06	20.18	19.67	19.60	20.7	3
5	256QAM	1	12	19.97	19.91	19.95	19.88	20.06		
5	256QAM	1	24	20.05	19.98	20.00	20.14	19.97		
5	256QAM	12	0	20.01	20.01	20.16	20.06	20.02	20.7	3
5	256QAM	12	7	19.95	20.04	20.07	20.02	20.10		
5	256QAM	12	13	19.98	20.00	20.19	19.98	20.03		
5	256QAM	25	0	20.08	19.90	20.19	20.11	19.95		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.67	21.85	21.66	23.5	0
20	QPSK	1	49	21.68	21.78	21.77		
20	QPSK	1	99	21.68	21.74	21.66		
20	QPSK	50	0	21.06	21.16	21.08	22.5	1
20	QPSK	50	24	21.00	21.15	21.02		
20	QPSK	50	50	21.05	21.10	21.06		
20	QPSK	100	0	21.09	21.14	21.12		
20	16QAM	1	0	21.16	21.20	21.14	22.5	1
20	16QAM	1	49	21.10	21.14	21.07		
20	16QAM	1	99	21.02	21.05	20.96		
20	16QAM	50	0	20.06	20.11	20.00	21.5	2
20	16QAM	50	24	20.05	20.10	20.07		
20	16QAM	50	50	19.98	20.01	19.93		
20	16QAM	100	0	20.06	20.08	20.07		
20	64QAM	1	0	20.32	20.40	20.35	21.5	2
20	64QAM	1	49	19.99	20.06	20.02		
20	64QAM	1	99	19.96	20.04	20.02		
20	64QAM	50	0	19.02	19.11	19.03	20.5	3
20	64QAM	50	24	19.06	19.10	19.06		
20	64QAM	50	50	18.99	19.07	19.01		
20	64QAM	100	0	18.98	19.07	19.03		
20	256QAM	1	0	17.03	17.07	17.02	18.5	5
20	256QAM	1	49	17.08	17.10	17.05		
20	256QAM	1	99	17.00	17.10	17.04		
20	256QAM	50	0	17.01	17.07	17.00	18.5	5
20	256QAM	50	24	16.98	17.07	16.98		
20	256QAM	50	50	16.99	17.07	16.99		
20	256QAM	100	0	17.02	17.12	17.10		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.66	21.75	21.57	23.5	0
15	QPSK	1	37	21.65	21.75	21.74		
15	QPSK	1	74	21.58	21.70	21.63		
15	QPSK	36	0	21.01	21.14	21.04	22.5	1
15	QPSK	36	20	20.97	20.98	20.97		
15	QPSK	36	39	20.97	21.01	20.95		
15	QPSK	75	0	21.08	21.11	21.03		
15	16QAM	1	0	21.11	21.14	21.09	22.5	1
15	16QAM	1	37	21.06	21.08	20.96		
15	16QAM	1	74	21.00	21.03	20.93		
15	16QAM	36	0	19.98	20.04	19.98	21.5	2
15	16QAM	36	20	20.00	20.08	19.96		
15	16QAM	36	39	19.94	19.93	19.86		
15	16QAM	75	0	19.98	20.07	19.99		
15	64QAM	1	0	20.23	20.31	20.34	21.5	2
15	64QAM	1	37	19.89	19.98	19.93		
15	64QAM	1	74	19.91	19.94	19.95		
15	64QAM	36	0	18.98	19.01	18.96	20.5	3
15	64QAM	36	20	19.00	19.09	19.03		
15	64QAM	36	39	18.95	19.02	18.93		
15	64QAM	75	0	18.91	19.04	18.96		
15	256QAM	1	0	16.93	17.02	16.99	18.5	5
15	256QAM	1	37	17.06	17.01	17.03		
15	256QAM	1	74	16.96	17.07	17.02		
15	256QAM	36	0	16.94	17.00	16.98	18.5	5
15	256QAM	36	20	16.93	16.98	16.88		
15	256QAM	36	39	16.94	16.97	16.92		
15	256QAM	75	0	16.96	17.09	17.05		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.61	21.78	21.60	23.5	0
10	QPSK	1	25	21.57	21.76	21.68		
10	QPSK	1	49	21.61	21.64	21.62		
10	QPSK	25	0	20.99	21.09	20.98	22.5	1
10	QPSK	25	12	20.96	21.03	20.94		
10	QPSK	25	25	20.95	20.99	21.00		
10	QPSK	50	0	21.02	21.12	21.08		
10	16QAM	1	0	21.11	21.10	21.08	22.5	1
10	16QAM	1	25	21.05	21.09	20.98		
10	16QAM	1	49	20.93	21.04	20.93		
10	16QAM	25	0	19.97	20.08	19.95	21.5	2
10	16QAM	25	12	19.97	20.03	20.00		
10	16QAM	25	25	19.91	19.92	19.88		
10	16QAM	50	0	19.98	19.98	20.00		
10	64QAM	1	0	20.28	20.36	20.30	21.5	2
10	64QAM	1	25	19.97	20.02	19.99		
10	64QAM	1	49	19.86	20.00	20.01		
10	64QAM	25	0	18.94	19.04	18.95	20.5	3
10	64QAM	25	12	18.98	19.06	18.96		
10	64QAM	25	25	18.91	19.00	18.93		
10	64QAM	50	0	18.95	18.99	18.94		
10	256QAM	1	0	17.01	17.00	16.93	18.5	5
10	256QAM	1	25	16.98	17.07	16.95		
10	256QAM	1	49	16.98	17.01	17.02		
10	256QAM	25	0	16.99	17.00	16.96	18.5	5
10	256QAM	25	12	16.96	17.01	16.96		
10	256QAM	25	25	16.95	17.00	16.96		
10	256QAM	50	0	16.94	17.10	17.04		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.56	21.74	21.62	23.5	0
5	QPSK	1	12	21.64	21.73	21.72		
5	QPSK	1	24	21.59	21.69	21.61		
5	QPSK	12	0	21.05	21.06	21.01	22.5	1
5	QPSK	12	7	20.91	21.06	21.01		
5	QPSK	12	13	20.96	21.08	20.98		
5	QPSK	25	0	21.03	21.10	21.03		
5	16QAM	1	0	21.07	21.18	21.07	22.5	1
5	16QAM	1	12	21.02	21.08	21.05		
5	16QAM	1	24	21.00	21.02	20.90		
5	16QAM	12	0	20.04	20.00	19.92	21.5	2
5	16QAM	12	7	20.00	20.08	20.02		
5	16QAM	12	13	19.95	19.94	19.85		
5	16QAM	25	0	20.04	20.04	19.96		
5	64QAM	1	0	20.21	20.38	20.30	21.5	2
5	64QAM	1	12	19.91	19.97	19.92		
5	64QAM	1	24	19.95	19.93	19.93		
5	64QAM	12	0	18.94	19.05	18.93	20.5	3
5	64QAM	12	7	18.98	19.06	19.02		
5	64QAM	12	13	18.90	18.99	18.93		
5	64QAM	25	0	18.91	18.97	18.93		
5	256QAM	1	0	17.00	16.97	16.92	18.5	5
5	256QAM	1	12	17.01	17.02	16.98		
5	256QAM	1	24	16.90	17.08	16.97		
5	256QAM	12	0	16.98	17.03	16.99	18.5	5
5	256QAM	12	7	16.89	17.04	16.95		
5	256QAM	12	13	16.98	16.98	16.91		
5	256QAM	25	0	16.93	17.02	17.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.05	22.19	22.01	22.15	23.8	0
20	QPSK	1	49	22.09	22.17	22.12	22.15		
20	QPSK	1	99	22.09	22.15	22.09	22.10		
20	QPSK	50	0	21.13	21.31	21.12	21.16	22.8	1
20	QPSK	50	24	21.08	21.23	21.11	21.12		
20	QPSK	50	50	21.08	21.16	21.07	21.12		
20	QPSK	100	0	21.00	21.07	20.97	20.97		
20	16QAM	1	0	21.04	21.12	21.08	21.06	22.8	1
20	16QAM	1	49	21.11	21.14	21.03	21.08		
20	16QAM	1	99	21.17	21.19	21.17	21.17		
20	16QAM	50	0	20.14	20.22	20.16	20.16	21.8	2
20	16QAM	50	24	20.12	20.16	20.05	20.15		
20	16QAM	50	50	20.19	20.23	20.17	20.13		
20	16QAM	100	0	20.17	20.18	20.13	20.10		
20	64QAM	1	0	20.08	20.18	20.10	20.15	21.8	2
20	64QAM	1	49	20.22	20.24	20.14	20.20		
20	64QAM	1	99	20.18	20.21	20.14	20.14		
20	64QAM	50	0	19.18	19.24	19.15	19.14	20.8	3
20	64QAM	50	24	19.08	19.17	19.13	19.10		
20	64QAM	50	50	19.12	19.17	19.09	19.06		
20	64QAM	100	0	19.09	19.18	19.14	19.12		
20	256QAM	1	0	17.17	17.23	17.17	17.14	18.8	5
20	256QAM	1	49	17.16	17.21	17.11	17.12		
20	256QAM	1	99	17.14	17.22	17.12	17.11		
20	256QAM	50	0	17.15	17.18	17.09	17.11	18.8	5
20	256QAM	50	24	17.18	17.20	17.19	17.19		
20	256QAM	50	50	17.10	17.15	17.06	17.13		
20	256QAM	100	0	17.10	17.16	17.12	17.13		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.97	22.12	21.93	22.10	23.8	0
15	QPSK	1	37	22.00	22.06	22.03	22.12		
15	QPSK	1	74	22.02	22.09	22.05	22.04		
15	QPSK	36	0	21.03	21.12	21.06	21.12	22.8	1
15	QPSK	36	20	21.07	21.13	21.06	21.04		
15	QPSK	36	39	20.98	21.05	21.03	21.07		
15	QPSK	75	0	20.99	21.00	20.91	20.89		
15	16QAM	1	0	20.97	21.03	21.01	21.00	22.8	1
15	16QAM	1	37	21.06	21.03	20.93	20.98		
15	16QAM	1	74	21.15	21.11	21.06	21.14		
15	16QAM	36	0	20.05	20.20	20.10	20.10	21.8	2
15	16QAM	36	20	20.09	20.14	19.95	20.07		
15	16QAM	36	39	20.09	20.21	20.12	20.06		
15	16QAM	75	0	20.06	20.16	20.10	20.05		
15	64QAM	1	0	20.01	20.08	20.08	20.10	21.8	2
15	64QAM	1	37	20.12	20.18	20.09	20.15		
15	64QAM	1	74	20.11	20.19	20.12	20.05		
15	64QAM	36	0	19.11	19.17	19.11	19.10	20.8	3
15	64QAM	36	20	19.02	19.11	19.10	19.03		
15	64QAM	36	39	19.02	19.08	19.06	19.04		
15	64QAM	75	0	18.99	19.13	19.12	19.04		
15	256QAM	1	0	17.16	17.17	17.09	17.07	18.8	5
15	256QAM	1	37	17.09	17.13	17.08	17.02		
15	256QAM	1	74	17.04	17.16	17.02	17.08		
15	256QAM	36	0	17.12	17.11	16.98	17.04	18.8	5
15	256QAM	36	20	17.09	17.13	17.16	17.15		
15	256QAM	36	39	17.07	17.05	17.03	17.05		
15	256QAM	75	0	17.07	17.13	17.05	17.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.99	22.15	21.95	22.11	23.8	0
10	QPSK	1	25	22.05	22.11	22.10	22.10		
10	QPSK	1	49	22.05	22.12	22.02	22.04		
10	QPSK	25	0	21.03	21.14	21.05	21.08	22.8	1
10	QPSK	25	12	21.06	21.11	21.08	21.08		
10	QPSK	25	25	20.99	21.14	20.96	21.03		
10	QPSK	50	0	20.98	20.96	20.94	20.96		
10	16QAM	1	0	21.01	21.04	20.97	20.96	22.8	1
10	16QAM	1	25	21.01	21.05	20.94	20.98		
10	16QAM	1	49	21.14	21.16	21.09	21.07		
10	16QAM	25	0	20.04	20.16	20.08	20.13	21.8	2
10	16QAM	25	12	20.04	20.05	19.96	20.06		
10	16QAM	25	25	20.12	20.21	20.09	20.08		
10	16QAM	50	0	20.15	20.13	20.02	20.00		
10	64QAM	1	0	20.01	20.13	20.08	20.14	21.8	2
10	64QAM	1	25	20.18	20.15	20.08	20.09		
10	64QAM	1	49	20.08	20.12	20.06	20.10		
10	64QAM	25	0	19.07	19.22	19.13	19.06	20.8	3
10	64QAM	25	12	19.03	19.06	19.09	19.00		
10	64QAM	25	25	19.11	19.06	19.03	18.98		
10	64QAM	50	0	19.04	19.12	19.05	19.11		
10	256QAM	1	0	17.10	17.17	17.12	17.06	18.8	5
10	256QAM	1	25	17.07	17.16	17.08	17.11		
10	256QAM	1	49	17.10	17.21	17.07	17.05		
10	256QAM	25	0	17.08	17.14	17.03	17.04	18.8	5
10	256QAM	25	12	17.17	17.10	17.12	17.16		
10	256QAM	25	25	17.02	17.04	17.01	17.06		
10	256QAM	50	0	17.01	17.06	17.09	17.09		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.98	22.10	21.91	22.12	23.8	0
5	QPSK	1	12	22.06	22.15	22.09	22.10		
5	QPSK	1	24	22.07	22.06	22.06	22.05		
5	QPSK	12	0	21.03	21.15	21.06	21.08	22.8	1
5	QPSK	12	7	20.98	21.13	21.00	21.04		
5	QPSK	12	13	20.97	21.13	20.99	21.01		
5	QPSK	25	0	20.93	21.01	20.95	20.88		
5	16QAM	1	0	20.94	21.03	20.99	20.99	22.8	1
5	16QAM	1	12	21.01	21.09	20.95	21.06		
5	16QAM	1	24	21.13	21.14	21.11	21.07		
5	16QAM	12	0	20.03	20.18	20.08	20.10	21.8	2
5	16QAM	12	7	20.03	20.06	19.99	20.11		
5	16QAM	12	13	20.08	20.18	20.15	20.03		
5	16QAM	25	0	20.09	20.08	20.10	20.00		
5	64QAM	1	0	20.02	20.13	20.06	20.07	21.8	2
5	64QAM	1	12	20.20	20.21	20.08	20.10		
5	64QAM	1	24	20.10	20.11	20.04	20.08		
5	64QAM	12	0	19.12	19.21	19.07	19.08	20.8	3
5	64QAM	12	7	19.02	19.11	19.04	19.03		
5	64QAM	12	13	19.10	19.08	19.06	19.02		
5	64QAM	25	0	19.07	19.08	19.08	19.03		
5	256QAM	1	0	17.12	17.13	17.07	17.09	18.8	5
5	256QAM	1	12	17.09	17.18	17.08	17.08		
5	256QAM	1	24	17.10	17.18	17.07	17.08		
5	256QAM	12	0	17.06	17.09	17.07	17.01	18.8	5
5	256QAM	12	7	17.09	17.15	17.11	17.09		
5	256QAM	12	13	17.03	17.09	17.02	17.10		
5	256QAM	25	0	17.06	17.11	17.11	17.03		

GSM1900 Ant5 DSI2

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.35	29.69	29.80	31.00	20.35	20.69	20.80	22.00
GPRS 1 Tx slot	29.69	29.75	29.61	31.00	20.69	20.75	20.61	22.00
GPRS 2 Tx slots	26.56	26.59	26.51	28.00	20.56	20.59	20.51	22.00
GPRS 3 Tx slots	24.54	24.65	24.55	26.20	20.28	20.39	20.29	21.94
GPRS 4 Tx slots	23.06	23.13	23.09	25.00	20.06	20.13	20.09	22.00
EDGE 1 Tx slot	24.35	24.39	24.35	25.50	15.35	15.39	15.35	16.50
EDGE 2 Tx slots	21.93	22.01	21.99	22.50	15.93	16.01	15.99	16.50
EDGE 3 Tx slots	20.19	20.27	20.19	20.70	15.93	16.01	15.93	16.44
EDGE 4 Tx slots	18.75	18.83	18.77	19.50	15.75	15.83	15.77	16.50

		WCDMA II Ant5 DSI2				WCDMA IV Ant5 DSI2			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.43	21.65	21.46	22.50	22.68	22.68	22.46	23.50
3GPP Rel 99	RMC 12.2Kbps	21.49	21.72	21.53	22.50	22.74	22.75	22.59	23.50
3GPP Rel 6	HSDPA Subtest-1	20.29	20.78	20.47	21.50	21.43	21.85	21.52	22.50
3GPP Rel 6	HSDPA Subtest-2	20.35	20.57	20.61	21.50	21.51	21.69	21.67	22.50
3GPP Rel 6	HSDPA Subtest-3	19.95	20.12	19.97	21.00	20.99	21.26	20.95	22.00
3GPP Rel 6	HSDPA Subtest-4	19.91	19.93	19.94	21.00	20.96	21.01	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	20.39	20.49	20.24	21.50	21.53	21.59	21.31	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	20.18	20.48	20.59	21.50	21.41	21.56	21.68	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.99	20.08	20.06	21.00	21.09	21.22	21.21	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	20.07	19.94	19.94	21.00	21.08	21.05	21.01	22.00
3GPP Rel 6	HSUPA Subtest-1	20.47	20.52	20.58	21.50	21.50	21.60	21.67	22.50
3GPP Rel 6	HSUPA Subtest-2	18.46	18.51	18.63	19.50	19.56	19.61	19.61	20.50
3GPP Rel 6	HSUPA Subtest-3	19.48	19.61	19.62	20.50	20.49	20.60	20.69	21.50
3GPP Rel 6	HSUPA Subtest-4	18.22	18.64	18.26	19.50	19.38	19.77	19.40	20.50
3GPP Rel 6	HSUPA Subtest-5	20.21	20.64	20.38	21.50	21.31	21.76	21.44	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.87	17.91	17.86	19.00	18.95	18.97	18.92	20.00

Band 2 Ant5 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.29	21.52	21.48		
20	QPSK	1	49	21.43	21.51	21.40	22.5	0
20	QPSK	1	99	21.32	21.41	21.30		
20	QPSK	50	0	21.38	21.48	21.27		
20	QPSK	50	24	21.35	21.42	21.24	22.5	0
20	QPSK	50	50	21.46	21.40	21.37		
20	QPSK	100	0	21.33	21.37	21.32		
20	16QAM	1	0	21.20	21.48	21.44		
20	16QAM	1	49	21.36	21.42	21.36	22.5	0
20	16QAM	1	99	21.24	21.35	21.29		
20	16QAM	50	0	21.25	21.49	21.44		
20	16QAM	50	24	21.37	21.42	21.39	22.5	0
20	16QAM	50	50	21.21	21.35	21.23		
20	16QAM	100	0	21.31	21.43	21.26		
20	64QAM	1	0	21.34	21.31	21.22		
20	64QAM	1	49	21.36	21.39	21.31	22.5	0
20	64QAM	1	99	21.31	21.27	21.24		
20	64QAM	50	0	20.77	21.06	20.96		
20	64QAM	50	24	20.95	20.98	20.92	22	0.5
20	64QAM	50	50	20.80	20.91	20.84		
20	64QAM	100	0	20.92	20.94	20.77		
20	256QAM	1	0	18.79	19.05	18.95		
20	256QAM	1	49	18.89	19.03	18.94	20	2.5
20	256QAM	1	99	18.85	18.96	18.83		
20	256QAM	50	0	18.83	18.96	18.75		
20	256QAM	50	24	18.81	18.89	18.71	20	2.5
20	256QAM	50	50	18.93	18.93	18.83		
20	256QAM	100	0	18.83	18.87	18.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.28	21.46	21.43		
15	QPSK	1	37	21.41	21.47	21.31	22.5	0
15	QPSK	1	74	21.28	21.30	21.19		
15	QPSK	36	0	21.28	21.40	21.23		
15	QPSK	36	20	21.30	21.35	21.19	22.5	0
15	QPSK	36	39	21.39	21.33	21.30		
15	QPSK	75	0	21.26	21.32	21.22		
15	16QAM	1	0	21.12	21.42	21.36		
15	16QAM	1	37	21.31	21.34	21.30	22.5	0
15	16QAM	1	74	21.21	21.26	21.14		
15	16QAM	36	0	21.23	21.45	21.37		
15	16QAM	36	20	21.30	21.36	21.29	22.5	0
15	16QAM	36	39	21.18	21.31	21.15		
15	16QAM	75	0	21.28	21.36	21.24		
15	64QAM	1	0	21.32	21.21	21.17		
15	64QAM	1	37	21.32	21.33	21.24	22.5	0
15	64QAM	1	74	21.28	21.22	21.22		
15	64QAM	36	0	20.74	21.00	20.87		
15	64QAM	36	20	20.86	20.89	20.86	22	0.5
15	64QAM	36	39	20.79	20.84	20.79		
15	64QAM	75	0	20.88	20.91	20.71		
15	256QAM	1	0	18.72	19.02	18.91		
15	256QAM	1	37	18.84	18.99	18.86	20	2.5
15	256QAM	1	74	18.84	18.88	18.75		
15	256QAM	36	0	18.73	18.91	18.68		
15	256QAM	36	20	18.77	18.83	18.64	20	2.5
15	256QAM	36	39	18.90	18.88	18.81		
15	256QAM	75	0	18.77	18.81	18.78		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.21	21.40	21.40		
10	QPSK	1	25	21.37	21.45	21.35	22.5	0
10	QPSK	1	49	21.25	21.32	21.26		
10	QPSK	25	0	21.33	21.36	21.22		
10	QPSK	25	12	21.28	21.33	21.20	22.5	0
10	QPSK	25	25	21.44	21.31	21.27		
10	QPSK	50	0	21.30	21.34	21.26		
10	16QAM	1	0	21.16	21.45	21.35		
10	16QAM	1	25	21.30	21.34	21.25	22.5	0
10	16QAM	1	49	21.23	21.27	21.23		
10	16QAM	25	0	21.18	21.39	21.39		
10	16QAM	25	12	21.34	21.33	21.37	22.5	0
10	16QAM	25	25	21.13	21.28	21.19		
10	16QAM	50	0	21.23	21.34	21.20		
10	64QAM	1	0	21.25	21.27	21.12		
10	64QAM	1	25	21.28	21.31	21.25	22.5	0
10	64QAM	1	49	21.26	21.23	21.21		
10	64QAM	25	0	20.70	20.96	20.94		
10	64QAM	25	12	20.84	20.96	20.85	22	0.5
10	64QAM	25	25	20.73	20.82	20.82		
10	64QAM	50	0	20.91	20.91	20.74		
10	256QAM	1	0	18.74	18.98	18.91		
10	256QAM	1	25	18.85	18.95	18.84	20	2.5
10	256QAM	1	49	18.78	18.92	18.78		
10	256QAM	25	0	18.81	18.89	18.67		
10	256QAM	25	12	18.78	18.80	18.63	20	2.5
10	256QAM	25	25	18.86	18.91	18.74		
10	256QAM	50	0	18.81	18.80	18.82		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.21	21.41	21.40		
5	QPSK	1	12	21.38	21.47	21.35	22.5	0
5	QPSK	1	24	21.27	21.39	21.25		
5	QPSK	12	0	21.31	21.45	21.19		
5	QPSK	12	7	21.26	21.35	21.14	22.5	0
5	QPSK	12	13	21.38	21.31	21.31		
5	QPSK	25	0	21.26	21.32	21.28		
5	16QAM	1	0	21.16	21.41	21.35		
5	16QAM	1	12	21.25	21.32	21.26	22.5	0
5	16QAM	1	24	21.16	21.27	21.27		
5	16QAM	12	0	21.24	21.40	21.40		
5	16QAM	12	7	21.34	21.33	21.34	22.5	0
5	16QAM	12	13	21.15	21.29	21.12		
5	16QAM	25	0	21.27	21.42	21.17		
5	64QAM	1	0	21.25	21.20	21.15		
5	64QAM	1	12	21.31	21.36	21.21	22.5	0
5	64QAM	1	24	21.23	21.24	21.19		
5	64QAM	12	0	20.67	21.03	20.87		
5	64QAM	12	7	20.89	20.90	20.84	22	0.5
5	64QAM	12	13	20.75	20.81	20.82		
5	64QAM	25	0	20.86	20.87	20.69		
5	256QAM	1	0	18.69	18.95	18.87		
5	256QAM	1	12	18.87	18.99	18.93	20	2.5
5	256QAM	1	24	18.75	18.95	18.81		
5	256QAM	12	0	18.78	18.87	18.67		
5	256QAM	12	7	18.75	18.88	18.68	20	2.5
5	256QAM	12	13	18.86	18.83	18.82		
5	256QAM	25	0	18.73	18.83	18.76		
Channel				18525	18900	19275	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.20	21.50	21.41		
3	QPSK	1	8	21.32	21.42	21.35	22.5	0
3	QPSK	1	14	21.29	21.39	21.24		
3	QPSK	8	0	21.32	21.46	21.20		
3	QPSK	8	4	21.28	21.35	21.18	22.5	0
3	QPSK	8	7	21.36	21.31	21.29		
3	QPSK	15	0	21.23	21.30	21.27		
3	16QAM	1	0	21.18	21.46	21.34		
3	16QAM	1	8	21.25	21.36	21.34	22.5	0
3	16QAM	1	14	21.20	21.26	21.25		
3	16QAM	8	0	21.20	21.43	21.38		
3	16QAM	8	4	21.30	21.32	21.33	22.5	0
3	16QAM	8	7	21.20	21.29	21.12		
3	16QAM	15	0	21.27	21.32	21.21		
3	64QAM	1	0	21.26	21.25	21.11		
3	64QAM	1	8	21.28	21.31	21.28	22.5	0
3	64QAM	1	14	21.27	21.17	21.19		
3	64QAM	8	0	20.71	21.00	20.92		
3	64QAM	8	4	20.88	20.87	20.84	22	0.5
3	64QAM	8	7	20.73	20.87	20.75		
3	64QAM	15	0	20.90	20.92	20.72		
3	256QAM	1	0	18.68	18.97	18.84		
3	256QAM	1	8	18.87	19.01	18.86	20	2.5
3	256QAM	1	14	18.79	18.92	18.72		
3	256QAM	8	0	18.76	18.86	18.69		
3	256QAM	8	4	18.75	18.81	18.67	20	2.5
3	256QAM	8	7	18.90	18.84	18.82		
3	256QAM	15	0	18.74	18.85	18.78		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.23	21.41	21.44		
1.4	QPSK	1	3	21.35	21.42	21.37		
1.4	QPSK	1	5	21.21	21.39	21.20	22.5	0
1.4	QPSK	3	0	21.32	21.41	21.25		
1.4	QPSK	3	1	21.33	21.31	21.17		
1.4	QPSK	3	3	21.42	21.38	21.31		
1.4	QPSK	6	0	21.27	21.26	21.27	22.5	0
1.4	16QAM	1	0	21.15	21.43	21.34		
1.4	16QAM	1	3	21.26	21.34	21.35		
1.4	16QAM	1	5	21.13	21.24	21.23	22.5	0
1.4	16QAM	3	0	21.18	21.40	21.37		
1.4	16QAM	3	1	21.32	21.33	21.36		
1.4	16QAM	3	3	21.19	21.26	21.18		
1.4	16QAM	6	0	21.24	21.35	21.16	22.5	0
1.4	64QAM	1	0	21.27	21.26	21.16		
1.4	64QAM	1	3	21.33	21.30	21.30		
1.4	64QAM	1	5	21.28	21.16	21.23	22.5	0
1.4	64QAM	3	0	20.69	21.04	20.92		
1.4	64QAM	3	1	20.88	20.92	20.89		
1.4	64QAM	3	3	20.75	20.89	20.74		
1.4	64QAM	6	0	20.89	20.86	20.68	22	0.5
1.4	256QAM	1	0	18.71	18.97	18.93		
1.4	256QAM	1	3	18.85	19.01	18.86		
1.4	256QAM	1	5	18.82	18.92	18.81	20	2.5
1.4	256QAM	3	0	18.76	18.86	18.69		
1.4	256QAM	3	1	18.75	18.81	18.67		
1.4	256QAM	3	3	18.91	18.84	18.75		
1.4	256QAM	6	0	18.73	18.77	18.80	20	2.5

Band 4 Ant5 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.15	23.31	23.16		
20	QPSK	1	49	23.13	23.19	23.12	24.2	0
20	QPSK	1	99	23.28	23.30	23.16		
20	QPSK	50	0	23.22	23.27	23.06		
20	QPSK	50	24	23.12	23.19	23.08	24.2	0
20	QPSK	50	50	23.14	23.16	23.19		
20	QPSK	100	0	23.13	23.22	23.11		
20	16QAM	1	0	23.11	23.26	23.06		
20	16QAM	1	49	23.02	23.09	23.09	24.2	0
20	16QAM	1	99	23.20	23.10	23.07		
20	16QAM	50	0	22.65	22.80	22.70		
20	16QAM	50	24	22.65	22.64	22.59	23.7	0.5
20	16QAM	50	50	22.75	22.68	22.69		
20	16QAM	100	0	22.75	22.77	22.57		
20	64QAM	1	0	22.61	22.70	22.58		
20	64QAM	1	49	22.67	22.67	22.66	23.7	0.5
20	64QAM	1	99	22.68	22.72	22.57		
20	64QAM	50	0	21.65	21.83	21.69		
20	64QAM	50	24	21.66	21.67	21.61	22.7	1.5
20	64QAM	50	50	21.75	21.63	21.65		
20	64QAM	100	0	21.74	21.74	21.61		
20	256QAM	1	0	19.62	19.81	19.63		
20	256QAM	1	49	19.62	19.73	19.66	20.7	3.5
20	256QAM	1	99	19.80	19.66	19.68		
20	256QAM	50	0	19.71	19.80	19.59		
20	256QAM	50	24	19.62	19.69	19.55	20.7	3.5
20	256QAM	50	50	19.60	19.74	19.69		
20	256QAM	100	0	19.58	19.75	19.63		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.13	23.25	23.13		
15	QPSK	1	37	23.15	23.23	23.05	24.2	0
15	QPSK	1	74	23.24	23.14	23.10		
15	QPSK	36	0	23.13	23.24	22.98		
15	QPSK	36	20	23.10	23.09	23.05	24.2	0
15	QPSK	36	39	23.19	23.12	23.17		
15	QPSK	75	0	23.11	23.12	23.03		
15	16QAM	1	0	23.04	23.20	23.00		
15	16QAM	1	37	22.99	23.05	23.06	24.2	0
15	16QAM	1	74	23.03	23.02	22.99		
15	16QAM	36	0	22.57	22.78	22.61		
15	16QAM	36	20	22.63	22.63	22.51	23.7	0.5
15	16QAM	36	39	22.73	22.67	22.67		
15	16QAM	75	0	22.65	22.72	22.47		
15	64QAM	1	0	22.60	22.64	22.47		
15	64QAM	1	37	22.64	22.57	22.64	23.7	0.5
15	64QAM	1	74	22.61	22.71	22.55		
15	64QAM	36	0	21.59	21.79	21.64		
15	64QAM	36	20	21.68	21.57	21.57	22.7	1.5
15	64QAM	36	39	21.68	21.56	21.58		
15	64QAM	75	0	21.68	21.68	21.53		
15	256QAM	1	0	19.54	19.80	19.54		
15	256QAM	1	37	19.68	19.68	19.58	20.7	3.5
15	256QAM	1	74	19.76	19.60	19.62		
15	256QAM	36	0	19.62	19.78	19.52		
15	256QAM	36	20	19.61	19.62	19.45	20.7	3.5
15	256QAM	36	39	19.66	19.72	19.65		
15	256QAM	75	0	19.52	19.73	19.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.12	23.25	23.08		
10	QPSK	1	25	23.05	23.18	23.02	24.2	0
10	QPSK	1	49	23.25	23.15	23.14		
10	QPSK	25	0	23.20	23.21	23.02		
10	QPSK	25	12	23.08	23.17	22.98	24.2	0
10	QPSK	25	25	23.18	23.13	23.10		
10	QPSK	50	0	23.10	23.19	23.07		
10	16QAM	1	0	23.05	23.24	23.00		
10	16QAM	1	25	23.01	23.08	23.06	24.2	0
10	16QAM	1	49	23.16	23.06	23.03		
10	16QAM	25	0	22.59	22.70	22.66		
10	16QAM	25	12	22.61	22.57	22.56	23.7	0.5
10	16QAM	25	25	22.73	22.67	22.67		
10	16QAM	50	0	22.70	22.67	22.46		
10	64QAM	1	0	22.64	22.61	22.50		
10	64QAM	1	25	22.65	22.61	22.56	23.7	0.5
10	64QAM	1	49	22.60	22.63	22.52		
10	64QAM	25	0	21.68	21.72	21.66		
10	64QAM	25	12	21.64	21.63	21.51	22.7	1.5
10	64QAM	25	25	21.67	21.58	21.60		
10	64QAM	50	0	21.68	21.68	21.60		
10	256QAM	1	0	19.58	19.72	19.56		
10	256QAM	1	25	19.56	19.69	19.63	20.7	3.5
10	256QAM	1	49	19.70	19.64	19.62		
10	256QAM	25	0	19.60	19.74	19.53		
10	256QAM	25	12	19.52	19.68	19.52	20.7	3.5
10	256QAM	25	25	19.58	19.64	19.65		
10	256QAM	50	0	19.54	19.70	19.56		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.06	23.22	23.05		
5	QPSK	1	12	23.05	23.12	23.10	24.2	0
5	QPSK	1	24	23.23	23.15	23.09		
5	QPSK	12	0	23.13	23.21	22.97		
5	QPSK	12	7	23.04	23.12	23.00	24.2	0
5	QPSK	12	13	23.08	23.10	23.15		
5	QPSK	25	0	23.02	23.20	23.08		
5	16QAM	1	0	23.07	23.25	22.97		
5	16QAM	1	12	23.02	23.07	23.07	24.2	0
5	16QAM	1	24	23.15	23.03	23.00		
5	16QAM	12	0	22.64	22.74	22.60		
5	16QAM	12	7	22.63	22.62	22.56	23.7	0.5
5	16QAM	12	13	22.73	22.66	22.68		
5	16QAM	25	0	22.69	22.74	22.54		
5	64QAM	1	0	22.59	22.63	22.52		
5	64QAM	1	12	22.61	22.58	22.57	23.7	0.5
5	64QAM	1	24	22.67	22.62	22.54		
5	64QAM	12	0	21.61	21.79	21.60		
5	64QAM	12	7	21.56	21.59	21.51	22.7	1.5
5	64QAM	12	13	21.71	21.61	21.58		
5	64QAM	25	0	21.64	21.67	21.58		
5	256QAM	1	0	19.58	19.77	19.54		
5	256QAM	1	12	19.58	19.71	19.62	20.7	3.5
5	256QAM	1	24	19.72	19.63	19.60		
5	256QAM	12	0	19.62	19.74	19.48		
5	256QAM	12	7	19.58	19.62	19.54	20.7	3.5
5	256QAM	12	13	19.51	19.67	19.59		
5	256QAM	25	0	19.48	19.66	19.56		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.06	23.27	23.11		
3	QPSK	1	8	23.11	23.17	23.06	24.2	0
3	QPSK	1	14	23.27	23.09	23.13		
3	QPSK	8	0	23.11	23.18	22.99		
3	QPSK	8	4	23.03	23.11	23.05	24.2	0
3	QPSK	8	7	23.07	23.14	23.10		
3	QPSK	15	0	23.05	23.13	23.08		
3	16QAM	1	0	23.11	23.17	23.01		
3	16QAM	1	8	22.93	23.05	23.03	24.2	0
3	16QAM	1	14	23.12	23.00	22.98		
3	16QAM	8	0	22.62	22.73	22.63		
3	16QAM	8	4	22.56	22.54	22.55	23.7	0.5
3	16QAM	8	7	22.65	22.61	22.64		
3	16QAM	15	0	22.72	22.75	22.49		
3	64QAM	1	0	22.62	22.65	22.55		
3	64QAM	1	8	22.61	22.58	22.55	23.7	0.5
3	64QAM	1	14	22.65	22.62	22.54		
3	64QAM	8	0	21.60	21.74	21.67		
3	64QAM	8	4	21.62	21.63	21.51	22.7	1.5
3	64QAM	8	7	21.71	21.55	21.58		
3	64QAM	15	0	21.73	21.71	21.60		
3	256QAM	1	0	19.55	19.76	19.55		
3	256QAM	1	8	19.55	19.62	19.55	20.7	3.5
3	256QAM	1	14	19.72	19.57	19.61		
3	256QAM	8	0	19.66	19.73	19.58		
3	256QAM	8	4	19.56	19.63	19.44	20.7	3.5
3	256QAM	8	7	19.55	19.64	19.63		
3	256QAM	15	0	19.51	19.67	19.53		
Channel				19900	20175	20450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.10	23.21	23.12		
1.4	QPSK	1	3	23.09	23.13	23.08		
1.4	QPSK	1	5	23.20	23.12	23.06	24.2	0
1.4	QPSK	3	0	23.11	23.20	22.98		
1.4	QPSK	3	1	23.06	23.14	23.02		
1.4	QPSK	3	3	23.10	23.10	23.15		
1.4	QPSK	6	0	23.06	23.12	23.00	24.2	0
1.4	16QAM	1	0	23.00	23.22	23.04		
1.4	16QAM	1	3	22.96	23.05	23.03		
1.4	16QAM	1	5	23.10	23.06	23.01	24.2	0
1.4	16QAM	3	0	22.56	22.75	22.60		
1.4	16QAM	3	1	22.64	22.62	22.49		
1.4	16QAM	3	3	22.68	22.59	22.67		
1.4	16QAM	6	0	22.66	22.69	22.51	23.7	0.5
1.4	64QAM	1	0	22.60	22.67	22.50		
1.4	64QAM	1	3	22.62	22.59	22.64		
1.4	64QAM	1	5	22.65	22.69	22.53	23.7	0.5
1.4	64QAM	3	0	22.56	22.64	22.41		
1.4	64QAM	3	1	22.54	22.50	22.58		
1.4	64QAM	3	3	22.61	22.60	22.52		
1.4	64QAM	6	0	21.73	21.64	21.59	22.7	1.5
1.4	256QAM	1	0	19.57	19.79	19.59		
1.4	256QAM	1	3	19.58	19.63	19.65		
1.4	256QAM	1	5	19.73	19.64	19.57	20.7	3.5
1.4	256QAM	3	0	19.61	19.79	19.58		
1.4	256QAM	3	1	19.58	19.59	19.45		
1.4	256QAM	3	3	19.55	19.63	19.66		
1.4	256QAM	6	0	19.50	19.72	19.55	20.7	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.93	21.03	20.79		
20	QPSK	1	49	20.76	20.90	20.75	21.7	0
20	QPSK	1	99	20.86	20.84	20.80		
20	QPSK	50	0	20.85	20.89	20.87		
20	QPSK	50	24	20.76	20.79	20.87	21.7	0
20	QPSK	50	50	20.86	20.80	20.79		
20	QPSK	100	0	20.76	20.95	20.86		
20	16QAM	1	0	20.88	20.95	20.76		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	23.19	23.36	23.24	23.7	0
20	QPSK	1	49	23.21	23.14	23.10		
20	QPSK	1	99	23.16	23.11	23.24		
20	QPSK	50	0	23.10	23.29	23.19		
20	QPSK	50	24	23.20	23.08	23.08		
20	QPSK	50	50	23.18	23.24	23.21		
20	QPSK	100	0	23.09	23.25	23.08		
20	16QAM	1	0	23.10	23.32	23.15		
20	16QAM	1	49	23.15	23.08	23.09	23.7	0
20	16QAM	1	99	23.13	23.06	23.14		
20	16QAM	50	0	23.04	23.23	23.13		
20	16QAM	50	24	23.16	23.22	22.98	23.7	0
20	16QAM	50	50	23.08	23.16	23.18		
20	16QAM	100	0	23.04	23.21	23.07		
20	64QAM	1	0	23.14	23.25	23.21		
20	64QAM	1	49	23.17	23.12	23.01	23.7	0
20	64QAM	1	99	23.06	23.06	23.21		
20	64QAM	50	0	22.24	22.36	22.29		
20	64QAM	50	24	22.17	22.15	22.10	22.7	1
20	64QAM	50	50	22.17	22.10	22.25		
20	64QAM	100	0	22.13	22.31	22.20		
20	256QAM	1	0	20.16	20.38	20.23		
20	256QAM	1	49	20.18	20.19	20.07	20.7	3
20	256QAM	1	99	20.16	20.14	20.25		
20	256QAM	50	0	20.05	20.26	20.21		
20	256QAM	50	24	20.16	20.29	20.10	20.7	3
20	256QAM	50	50	20.22	20.26	20.17		
20	256QAM	100	0	20.13	20.28	20.04		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	23.13	23.25	23.13		
15	QPSK	1	37	23.17	23.04	23.04	23.7	0
15	QPSK	1	74	23.11	23.03	23.17		
15	QPSK	36	0	23.03	23.25	23.11		
15	QPSK	36	20	23.18	23.20	23.02	23.7	0
15	QPSK	36	39	23.10	23.20	23.13		
15	QPSK	75	0	23.05	23.16	23.07		
15	16QAM	1	0	22.99	23.30	23.10		
15	16QAM	1	37	23.06	23.05	23.02	23.7	0
15	16QAM	1	74	23.07	23.04	23.10		
15	16QAM	36	0	22.93	23.18	23.04		
15	16QAM	36	20	23.13	23.18	22.92	23.7	0
15	16QAM	36	39	23.01	23.13	23.16		
15	16QAM	75	0	22.96	23.11	23.05		
15	64QAM	1	0	23.06	23.24	23.19		
15	64QAM	1	37	23.13	23.09	22.98	23.7	0
15	64QAM	1	74	23.03	23.03	23.13		
15	64QAM	36	0	22.22	22.26	22.24		
15	64QAM	36	20	22.14	22.13	22.07	22.7	1
15	64QAM	36	39	22.10	22.02	22.15		
15	64QAM	75	0	22.03	22.25	22.12		
15	256QAM	1	0	20.13	20.29	20.17		
15	256QAM	1	37	20.13	20.16	20.06	20.7	3
15	256QAM	1	74	20.09	20.08	20.19		
15	256QAM	36	0	20.02	20.21	20.13		
15	256QAM	36	20	20.08	20.21	20.08	20.7	3
15	256QAM	36	39	20.20	20.22	20.14		
15	256QAM	75	0	20.07	20.18	19.96		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	23.15	23.26	23.18		
10	QPSK	1	25	23.17	23.06	23.06	23.7	0
10	QPSK	1	49	23.10	23.03	23.20		
10	QPSK	25	0	23.08	23.25	23.14		
10	QPSK	25	12	23.11	23.24	23.05	23.7	0
10	QPSK	25	25	23.14	23.23	23.10		
10	QPSK	50	0	23.03	23.22	23.01		
10	16QAM	1	0	23.02	23.27	23.11		
10	16QAM	1	25	23.12	22.98	23.02	23.7	0
10	16QAM	1	49	23.07	23.01	23.10		
10	16QAM	25	0	23.02	23.21	23.05		
10	16QAM	25	12	23.10	23.12	22.91	23.7	0
10	16QAM	25	25	23.06	23.12	23.13		
10	16QAM	50	0	22.95	23.12	23.05		
10	64QAM	1	0	23.03	23.24	23.15		
10	64QAM	1	25	23.10	23.06	22.95	23.7	0
10	64QAM	1	49	22.97	22.99	23.15		
10	64QAM	25	0	22.19	22.30	22.23		
10	64QAM	25	12	22.07	22.14	22.04	22.7	1
10	64QAM	25	25	22.13	22.02	22.23		
10	64QAM	50	0	22.10	22.24	22.17		
10	256QAM	1	0	20.15	20.35	20.15		
10	256QAM	1	25	20.12	20.11	20.02	20.7	3
10	256QAM	1	49	20.05	20.06	20.23		
10	256QAM	25	0	20.03	20.16	20.15		
10	256QAM	25	12	20.08	20.26	20.08	20.7	3
10	256QAM	25	25	20.15	20.23	20.15		
10	256QAM	50	0	20.04	20.19	19.94		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	23.13	23.25	23.18		
5	QPSK	1	12	23.12	23.10	23.05	23.7	0
5	QPSK	1	24	23.12	23.07	23.18		
5	QPSK	12	0	23.07	23.23	23.10		
5	QPSK	12	7	23.19	23.15	23.00	23.7	0
5	QPSK	12	13	23.09	23.21	23.18		
5	QPSK	25	0	23.04	23.15	23.04		
5	16QAM	1	0	22.99	23.30	23.11		
5	16QAM	1	12	23.10	23.05	23.03	23.7	0
5	16QAM	1	24	23.04	23.01	23.10		
5	16QAM	12	0	23.00	23.18	23.06		
5	16QAM	12	7	23.09	23.13	22.96	23.7	0
5	16QAM	12	13	23.07	23.14	23.14		
5	16QAM	25	0	22.97	23.11	23.02		
5	64QAM	1	0	23.08	23.20	23.11		
5	64QAM	1	12	23.13	23.06	22.96	23.7	0
5	64QAM	1	24	23.02	22.96	23.15		
5	64QAM	12	0	22.21	22.35	22.22		
5	64QAM	12	7	22.13	22.06	22.02	22.7	1
5	64QAM	12	13	22.06	22.04	22.15		
5	64QAM	25	0	22.11	22.29	22.17		
5	256QAM	1	0	20.08	20.29	20.17		
5	256QAM	1	12	20.13	20.17	20.05	20.7	3
5	256QAM	1	24	20.13	20.06	20.21		
5	256QAM	12	0	20.04	20.23	20.10		
5	256QAM	12	7	20.06	20.25	20.06	20.7	3
5	256QAM	12	13	20.14	20.21	20.07		
5	256QAM	25	0	20.08	20.19	20.02		

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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	23.09	23.04	23.32	23.15	23.10		
20	QPSK	1	49	23.21	23.03	23.22	23.12	23.08	23.7	0
20	QPSK	1	99	23.04	23.01	23.14	23.12	23.00		
20	QPSK	50	0	23.14	23.07	23.22	23.15	23.08		
20	QPSK	50	24	23.16	23.15	23.19	22.99	23.02	23.7	0
20	QPSK	50	50	23.12	23.08	23.11	23.10	23.07		
20	QPSK	100	0	23.13	23.11	23.16	23.11	22.98		
20	16QAM	1	0	23.03	22.99	23.24	23.07	23.00		
20	16QAM	1	49	23.15	22.98	23.15	23.05	22.99	23.7	0
20	16QAM	1	99	22.93	22.91	23.11	23.10	22.93		
20	16QAM	50	0	23.03	23.01	23.15	23.08	23.07		
20	16QAM	50	24	23.10	23.13	23.17	22.92	23.00	23.7	0
20	16QAM	50	50	23.06	23.00	23.08	23.07	23.01		
20	16QAM	100	0	23.11	23.03	23.10	23.09	22.89		
20	64QAM	1	0	23.04	22.96	23.22	23.12	23.05		
20	64QAM	1	49	23.10	22.99	23.15	23.04	23.01	23.7	0
20	64QAM	1	99	23.00	22.94	23.05	23.09	22.89		
20	64QAM	50	0	22.05	22.07	22.36	22.18	22.12		
20	64QAM	50	24	22.26	22.02	22.26	22.08	22.11	22.7	1
20	64QAM	50	50	22.02	22.00	22.17	22.14	22.02		
20	64QAM	100	0	22.13	22.07	22.17	22.19	22.04		
20	256QAM	1	0	20.12	20.08	20.30	20.11	20.10		
20	256QAM	1	49	20.16	19.98	20.21	20.14	20.06	20.7	3
20	256QAM	1	99	20.05	20.03	20.14	20.08	20.01		
20	256QAM	50	0	20.17	20.02	20.24	20.12	20.03		
20	256QAM	50	24	20.20	20.17	20.15	20.01	19.97	20.7	3
20	256QAM	50	50	20.17	20.08	20.06	20.11	20.07		
20	256QAM	100	0	20.10	20.07	20.20	20.10	19.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.06	22.94	23.27	23.06	23.05		
15	QPSK	1	37	23.16	23.00	23.16	23.07	23.06	24	0
15	QPSK	1	74	22.99	23.00	23.10	23.05	22.89		
15	QPSK	36	0	23.05	23.05	23.13	23.07	23.05		
15	QPSK	36	20	23.10	23.12	23.11	22.97	22.99	23.7	0
15	QPSK	36	39	23.09	23.02	23.08	23.07	23.04		
15	QPSK	75	0	23.03	23.03	23.14	23.03	22.94		
15	16QAM	1	0	22.94	22.97	23.20	23.03	22.97		
15	16QAM	1	37	23.05	22.96	23.07	22.98	22.94	23.7	0
15	16QAM	1	74	22.84	22.86	23.10	23.07	22.91		
15	16QAM	36	0	22.95	22.98	23.07	23.02	23.01		
15	16QAM	36	20	23.06	23.05	23.11	22.85	22.95	23.7	0
15	16QAM	36	39	22.99	22.92	23.04	22.97	22.99		
15	16QAM	75	0	23.01	23.00	23.06	23.05	22.78		
15	64QAM	1	0	22.96	22.92	23.15	23.04	22.98		
15	64QAM	1	37	22.99	22.95	23.06	23.01	22.98	23.7	0
15	64QAM	1	74	22.96	22.90	22.95	22.99	22.81		
15	64QAM	36	0	21.95	21.99	22.27	22.11	22.10		
15	64QAM	36	20	22.19	22.00	22.23	22.07	22.08	22.7	1
15	64QAM	36	39	21.98	21.96	22.11	22.07	21.91		
15	64QAM	75	0	22.07	22.00	22.12	22.13	21.98		
15	256QAM	1	0	20.11	19.98	20.23	20.00	20.08		
15	256QAM	1	37	20.12	19.92	20.11	20.12	20.03	20.7	3
15	256QAM	1	74	19.99	20.02	20.12	20.00	19.98		
15	256QAM	36	0	20.16	19.92	20.15	20.09	19.96		
15	256QAM	36	20	20.16	20.16	20.08	19.97	19.87	20.7	3
15	256QAM	36	39	20.07	20.02	19.98	20.02	20.04		
15	256QAM	75	0	20.06	19.99	20.10	20.05	19.87		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.02	22.94	23.27	23.12	23.02		
10	QPSK	1	25	23.20	22.94	23.16	23.03	23.06	24	0
10	QPSK	1	49	23.02	22.98	23.10	23.08	22.96		
10	QPSK	25	0	23.12	23.01	23.18	23.11	22.99		
10	QPSK	25	12	23.05	23.12	23.10	22.98	22.99	23.7	0
10	QPSK	25	25	23.03	23.06	23.08	23.05	23.05		
10	QPSK	50	0	23.07	23.08	23.06	23.04	22.96		
10	16QAM	1	0	22.97	22.97	23.21	23.04	22.91		
10	16QAM	1	25	23.08	22.91	23.14	22.97	22.92	23.7	0
10	16QAM	1	49	22.86	22.84	23.06	23.02	22.88		
10	16QAM	25	0	22.97	22.97	23.08	23.03	22.98		
10	16QAM	25	12	23.00	23.08	23.13	22.82	22.90	23.7	0
10	16QAM	25	25	23.03	22.97	23.02	23.03	22.92		
10	16QAM	50	0	23.05	22.95	23.04	23.02	22.80		
10	64QAM	1	0	23.01	22.92	23.14	23.09	22.94		
10	64QAM	1	25	23.07	22.96	23.10	22.95	22.97	23.7	0
10	64QAM	1	49	22.93	22.85	22.98	23.02	22.79		
10	64QAM	25	0	21.96	22.04	22.25	22.11	22.05		
10	64QAM	25	12	22.20	22.00	22.16	21.97	22.06	22.7	1
10	64QAM	25	25	21.96	21.90	22.08	22.08	22.01		
10	64QAM	50	0	22.05	22.05	22.12	22.11	21.96		
10	256QAM	1	0	20.08	20.00	20.29	20.04	20.04		
10	256QAM	1	25	20.07	19.97	20.17	20.12	20.03	20.7	3
10	256QAM	1	49	19.96	20.02	20.07	20.00	19.98		
10	256QAM	25	0	20.12	19.93	20.16	20.04	19.97		
10	256QAM	25	12	20.17	20.07	20.06	19.99	19.91	20.7	3
10	256QAM	25	25	20.07	19.97	20.01	20.06	19.98		
10	256QAM	50	0	20.06	20.00	20.19	20.06	19.92		
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	22.99	23.02	23.31	23.04	23.04		
5	QPSK	1	12	23.19	22.99	23.20	23.04	23.04	24	0
5	QPSK	1	24	22.97	22.91	23.11	23.08	22.98		
5	QPSK	12	0	23.07	23.05	23.14	23.11	23.05		
5	QPSK	12	7	23.06	23.12	23.10	22.91	22.99	23.7	0
5	QPSK	12	13	23.07	23.01	23.09	23.07	23.03		
5	QPSK	25	0	23.08	23.06	23.08	23.04	22.87		
5	16QAM	1	0	22.93	22.97	23.23	23.04	22.91		
5	16QAM	1	12	23.08	22.93	23.04	22.96	22.92	23.7	0
5	16QAM	1	24	22.84	22.89	23.05	22.99	22.91		
5	16QAM	12	0	22.95	22.92	23.14	23.04	22.99		
5	16QAM	12	7	23.00	23.04	23.09	22.90	22.97	23.7	0
5	16QAM	12	13	22.99	22.96	22.98	23.01	22.98		
5	16QAM	25	0	23.01	23.01	23.04	23.05	22.84		
5	64QAM	1	0	22.94	22.94	23.18	23.04	23.01		
5	64QAM	1	12	23.09	22.92	23.14	23.01	22.92	23.7	0
5	64QAM	1	24	22.94	22.91	23.02	23.05	22.83		
5	64QAM	12	0	21.96	21.97	22.31	22.08	22.03		
5	64QAM	12	7	22.19	21.95	22.17	22.02	22.05	22.7	1
5	64QAM	12	13	22.00	21.90	22.12	22.12	21.92		
5	64QAM	25	0	22.07	22.03	22.13	22.11	22.01		
5	256QAM	1	0	20.09	20.01	20.22	20.02	20.04		
5	256QAM	1	12	20.08	19.91	20.11	20.03	20.03	20.7	3
5	256QAM	1	24	20.01	19.98	20.08	19.99	19.98		
5	256QAM	12	0	20.11	20.01	20.15	20.05	20.02		
5	256QAM	12	7	20.12	20.12	20.13	19.96	19.93	20.7	3
5	256QAM	12	13	20.13	20.02	20.01	20.04	20.05		
5	256QAM	25	0	19.99	19.99	20.18	20.04	19.92		

GSM1900 Anti DSI2

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.40	29.50	29.41	30.50	20.40	20.50	20.41	21.50
GPRS 1 Tx slot	29.47	29.49	29.46	30.50	20.47	20.49	20.46	21.50
GPRS 2 Tx slots	26.68	26.76	26.70	27.50	20.68	20.76	20.70	21.50
GPRS 3 Tx slots	24.86	24.88	24.80	25.70	20.60	20.62	20.54	21.44
GPRS 4 Tx slots	23.65	23.66	23.57	24.50	20.65	20.66	20.57	21.50
EDGE 1 Tx slot	24.14	24.19	24.09	25.00	15.14	15.19	15.09	16.00
EDGE 2 Tx slots	21.75	21.82	21.74	22.00	15.75	15.82	15.74	16.00
EDGE 3 Tx slots	19.97	20.06	19.97	20.20	15.71	15.80	15.71	15.94
EDGE 4 Tx slots	18.55	18.61	18.53	19.00	15.55	15.61	15.53	16.00

		WCDMA II Anti DSI2				WCDMA IV Anti DSI2			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.21	21.45	21.29	23.00	20.83	20.74	20.60	22.50
3GPP Rel 99	RMC 12.2Kbps	21.34	21.52	21.37	23.00	20.68	20.79	20.65	22.50
3GPP Rel 6	HSDPA Subtest-1	20.50	20.65	20.57	22.00	19.67	19.79	19.82	21.50
3GPP Rel 6	HSDPA Subtest-2	20.39	20.55	20.43	22.00	19.59	19.77	19.60	21.50
3GPP Rel 6	HSDPA Subtest-3	20.00	20.01	19.96	21.50	19.24	19.28	19.08	21.00
3GPP Rel 6	HSDPA Subtest-4	19.74	19.76	19.80	21.50	19.13	19.23	19.04	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	20.38	20.38	20.37	22.00	19.53	19.65	19.60	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	20.32	20.45	20.31	22.00	19.54	19.62	19.58	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.85	19.95	19.91	21.50	19.05	19.09	19.09	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.67	19.78	19.76	21.50	19.10	19.27	19.04	21.00
3GPP Rel 6	HSUPA Subtest-1	20.39	20.43	20.33	22.00	19.56	19.56	19.58	21.50
3GPP Rel 6	HSUPA Subtest-2	18.41	18.48	18.36	20.00	17.54	17.65	17.67	19.50
3GPP Rel 6	HSUPA Subtest-3	19.36	19.48	19.30	21.00	18.59	18.60	18.59	20.50
3GPP Rel 6	HSUPA Subtest-4	18.43	18.52	18.51	20.00	17.72	17.77	17.68	19.50
3GPP Rel 6	HSUPA Subtest-5	20.43	20.49	20.44	22.00	19.62	19.64	19.62	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.74	17.81	17.83	19.50	17.09	17.11	17.05	19.00

Band 2 Ant6 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.09	22.34	22.19	24	0
20	QPSK	1	49	22.30	22.26	22.21		
20	QPSK	1	99	22.18	22.34	22.19		
20	QPSK	50	0	22.23	22.31	22.22	24	0
20	QPSK	50	24	22.29	22.22	22.12		
20	QPSK	50	50	22.25	22.26	22.13		
20	QPSK	100	0	22.14	22.22	22.17		
20	16QAM	1	0	22.02	22.25	22.18	24	0
20	16QAM	1	49	22.24	22.19	22.11		
20	16QAM	1	99	22.14	22.23	22.13		
20	16QAM	50	0	21.09	21.34	21.14	23	1
20	16QAM	50	24	21.26	21.29	21.21		
20	16QAM	50	50	21.22	21.32	21.20		
20	16QAM	100	0	21.26	21.36	21.21		
20	64QAM	1	0	21.30	21.24	21.07	23	1
20	64QAM	1	49	21.23	21.22	21.16		
20	64QAM	1	99	21.17	21.23	21.19		
20	64QAM	50	0	20.04	20.38	20.20	22	2
20	64QAM	50	24	20.26	20.28	20.25		
20	64QAM	50	50	20.18	20.32	20.20		
20	64QAM	100	0	20.19	20.33	20.23		
20	256QAM	1	0	18.14	18.29	18.14	20	4
20	256QAM	1	49	18.26	18.29	18.22		
20	256QAM	1	99	18.20	18.34	18.19		
20	256QAM	50	0	18.19	18.28	18.24	20	4
20	256QAM	50	24	18.25	18.19	18.10		
20	256QAM	50	50	18.29	18.22	18.17		
20	256QAM	100	0	18.14	18.18	18.13		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.02	22.32	22.09	24	0
15	QPSK	1	37	22.21	22.16	22.15		
15	QPSK	1	74	22.09	22.26	22.14		
15	QPSK	36	0	22.19	22.27	22.17	24	0
15	QPSK	36	20	22.25	22.15	22.09		
15	QPSK	36	39	22.18	22.24	22.11		
15	QPSK	75	0	22.07	22.19	22.07		
15	16QAM	1	0	22.07	22.23	22.10	24	0
15	16QAM	1	37	22.19	22.12	22.03		
15	16QAM	1	74	22.07	22.22	22.07		
15	16QAM	36	0	22.07	21.24	21.13	23	1
15	16QAM	36	20	21.21	21.22	21.13		
15	16QAM	36	39	21.17	21.30	21.10		
15	16QAM	75	0	21.22	21.32	21.15		
15	64QAM	1	0	21.24	21.19	21.13	23	1
15	64QAM	1	37	21.22	21.17	21.09		
15	64QAM	1	74	21.14	21.17	21.10		
15	64QAM	36	0	21.13	20.28	20.12	22	2
15	64QAM	36	20	20.22	20.22	20.17		
15	64QAM	36	39	20.10	20.27	20.14		
15	64QAM	75	0	20.16	20.27	20.20		
15	256QAM	1	0	18.11	18.27	18.07	20	4
15	256QAM	1	37	18.15	18.27	18.13		
15	256QAM	1	74	18.19	18.30	18.17		
15	256QAM	36	0	18.13	18.26	18.23	20	4
15	256QAM	36	20	18.18	18.16	18.08		
15	256QAM	36	39	18.21	18.17	18.11		
15	256QAM	75	0	18.05	18.07	18.02		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.02	22.33	22.13	24	0
10	QPSK	1	25	22.27	22.21	22.16		
10	QPSK	1	49	22.17	22.27	22.10		
10	QPSK	25	0	22.19	22.22	22.16	24	0
10	QPSK	25	12	22.28	22.18	22.08		
10	QPSK	25	25	22.16	22.16	22.06		
10	QPSK	50	0	22.12	22.19	22.16		
10	16QAM	1	0	22.13	22.18	22.13	24	0
10	16QAM	1	25	22.16	22.14	22.08		
10	16QAM	1	49	22.06	22.15	22.06		
10	16QAM	25	0	21.04	21.31	21.07	23	1
10	16QAM	25	12	21.20	21.18	21.10		
10	16QAM	25	25	21.19	21.23	21.17		
10	16QAM	50	0	21.22	21.28	21.12		
10	64QAM	1	0	21.26	21.14	21.02	23	1
10	64QAM	1	25	21.20	21.13	21.12		
10	64QAM	1	49	21.13	21.15	21.16		
10	64QAM	25	0	21.12	20.28	20.16	22	2
10	64QAM	25	12	20.19	20.19	20.16		
10	64QAM	25	25	20.15	20.27	20.12		
10	64QAM	50	0	20.16	20.32	20.19		
10	256QAM	1	0	18.05	18.19	18.12	20	4
10	256QAM	1	25	18.24	18.20	18.13		
10	256QAM	1	49	18.12	18.32	18.15		
10	256QAM	25	0	18.17	18.18	18.23	20	4
10	256QAM	25	12	18.18	18.13	18.09		
10	256QAM	25	25	18.27	18.15	18.07		
10	256QAM	50	0	18.09	18.10	18.10		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.15	22.31	22.16	24	0
5	QPSK	1	12	22.26	22.22	22.15		
5	QPSK	1	24	22.14	22.24	22.12		
5	QPSK	12	0	22.16	22.22	22.20	24	0
5	QPSK	12	7	22.23	22.20	22.05		
5	QPSK	12	13	22.15	22.24	22.07		
5	QPSK	25	0	22.07	22.21	22.12		
5	16QAM	1	0	22.12	22.17	22.15	24	0
5	16QAM	1	12	22.20	22.08	22.01		
5	16QAM	1	24	22.12	22.14	22.12		
5	16QAM	12	0	22.12	21.28	21.05	23	1
5	16QAM	12	7	21.18	21.21	21.12		
5	16QAM	12	13	21.18	21.25	21.14		
5	16QAM	25	0	21.22	21.28	21.13		
5	64QAM	1	0	21.25	21.13	21.00	23	1
5	64QAM	1	12	21.16	21.19	21.12		
5	64QAM	1	24	21.06	21.16	21.13		
5	64QAM	12	0	20.00	20.30	20.14	22	2
5	64QAM	12	7	20.21	20.25	20.22		
5	64QAM	12	13	20.14	20.27	20.15		
5	64QAM	25	0	20.11	20.26	20.12		
5	256QAM	1	0	18.05	18.25	18.06	20	4
5	256QAM	1	12	18.23	18.18	18.12		
5	256QAM	1	24	18.17	18.33	18.10		
5	256QAM	12	0	18.17	18.20	18.18	20	4
5	256QAM	12	7	18.19	18.14	18.09		
5	256QAM	12	13	18.27	18.15	18.14		
5	256QAM	25	0	18.10	18.15	18.12		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.03	22.26	22.09	24	0
3	QPSK	1	8	22.23	22.18	22.16		
3	QPSK	1	14	22.14	22.30	22.17		
3	QPSK	8	0	22.21	22.24	22.12	24	0
3	QPSK	8	4	22.26	22.14	22.06		
3	QPSK	8	7	22.22	22.22	22.04		
3	QPSK	15	0	22.11	22.12	22.13		
3	16QAM	1	0	22.11	22.20	22.10	24	0
3	16QAM	1	8	22.13	22.16	22.06		
3	16QAM	1	14	22.11	22.22	22.11		
3	16QAM	8	0	21.03	21.30	21.04	23	1
3	16QAM	8	4	21.21	21.21	21.12		
3	16QAM	8	7	21.11	21.28	21.14		
3	16QAM	15	0	21.24	21.29	21.11		
3	64QAM	1	0	21.28	21.15	21.02	23	1
3	64QAM	1	8	21.14	21.13	21.11		
3	64QAM	1	14	21.10	21.14	21.09		
3	64QAM	8	0	20.18	20.29	20.18	22	2
3	64QAM	8	4	20.24	20.20	20.15		
3	64QAM	8	7	20.08	20.29	20.18		
3	64QAM	15	0	20.14	20.32	20.12		
3	256QAM	1	0	18.07	18.23	18.05	20	4
3	256QAM	1	8	18.17	18.19	18.11		
3	256QAM	1	14	18.17	18.27	18.17		
3	256QAM	8	0	18.17	18.26	18.19	20	4
3	256QAM	8	4	18.20	18.11	18.01		
3	256QAM	8	7	18.20	18.18	18.11		
3	256QAM	15	0	18.09	18.15	18.05		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.07	22.29	22.10	24	0
1.4	QPSK	1	3	22.22	22.15	22.16		
1.4	QPSK	1	5	22.08	22.23	22.15		
1.4	QPSK	3	0	22.16	22.25	22.13		
1.4	QPSK	3	1	22.22	22.13	22.08		
1.4	QPSK	3	3	22.15	22.25	22.03		
1.4	QPSK	6	0	22.10	22.12	22.14	24	0
1.4	16QAM	1	0	22.01	22.15	22.10	24	0
1.4	16QAM	1	3	22.18	22.09	22.01		
1.4	16QAM	1	5	22.04	22.21	22.11		
1.4	16QAM	3	0	22.01	22.08	22.00		
1.4	16QAM	3	1	22.13	22.01	22.01		
1.4	16QAM	3	3	22.01	22.17	22.04		
1.4	16QAM	6	0	21.20	21.30	21.15	23	1
1.4	64QAM	1	0	21.23	21.15	21.00	23	1
1.4	64QAM	1	3	21.20	21.15	21.14		
1.4	64QAM	1	5	21.10	21.17	21.10		
1.4	64QAM	3	0	21.17	21.08	21.17		
1.4	64QAM	3	1	21.14	21.10	21.04		
1.4	64QAM	3	3	21.17	21.06	21.17		
1.4	64QAM	6	0	20.18	20.24	20.14	22	2
1.4	256QAM	1	0	18.09	18.18	18.12	20	4
1.4	256QAM	1	3	18.24	18.21	18.14		
1.4	256QAM	1	5	18.10	18.26	18.16		
1.4	256QAM	3	0	18.17	18.22	18.18		
1.4	256QAM	3	1	18.14	18.12	18.04		
1.4	256QAM	3	3	18.18	18.15	18.11		
1.4	256QAM	6	0	18.11	18.09	18.09	20	4

Band 4 Ant6 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.38	20.49	20.39	22.2	0
20	QPSK	1	49	20.44	20.43	20.37		
20	QPSK	1	99	20.31	20.38	20.39		
20	QPSK	50	0	20.36	20.46	20.28	22.2	0
20	QPSK	50	24	20.30	20.36	20.35		
20	QPSK	50	50	20.31	20.42	20.45		
20	QPSK	100	0	20.38	20.47	20.40		
20	16QAM	1	0	20.35	20.39	20.37	22.2	0
20	16QAM	1	49	20.36	20.40	20.27		
20	16QAM	1	99	20.22	20.28	20.31		
20	16QAM	50	0	20.34	20.41	20.31	22.2	0
20	16QAM	50	24	20.25	20.28	20.25		
20	16QAM	50	50	20.29	20.32	20.44		
20	16QAM	100	0	20.34	20.46	20.37		
20	64QAM	1	0	20.28	20.45	20.29	22.2	0
20	64QAM	1	49	20.39	20.42	20.35		
20	64QAM	1	99	20.24	20.35	20.36		
20	64QAM	50	0	20.35	20.40	20.26	22.2	0
20	64QAM	50	24	20.23	20.27	20.25		
20	64QAM	50	50	20.25	20.38	20.39		
20	64QAM	100	0	20.30	20.42	20.34		
20	256QAM	1	0	18.83	19.03	18.89	20.7	1.5
20	256QAM	1	49	18.89	18.97	18.90		
20	256QAM	1	99	18.83	18.91	18.91		
20	256QAM	50	0	18.83	18.96	18.79	20.7	1.5
20	256QAM	50	24	18.81	18.86	18.88		
20	256QAM	50	50	18.77	18.90	18.97		
20	256QAM	100	0	18.85	18.96	18.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.33	20.46	20.33	22.2	0
15	QPSK	1	37	20.35	20.33	20.29		
15	QPSK	1	74	20.21	20.28	20.30		
15	QPSK	36	0	20.29	20.45	20.29	22.2	0
15	QPSK	36	20	20.24	20.29	20.25		
15	QPSK	36	39	20.27	20.32	20.43		
15	QPSK	75	0	20.36	20.44	20.38		
15	16QAM	1	0	20.29	20.33	20.34	22.2	0
15	16QAM	1	37	20.26	20.29	20.25		
15	16QAM	1	74	20.29	20.27	20.20		
15	16QAM	36	0	20.24	20.33	20.30	22.2	0
15	16QAM	36	20	20.21	20.20	20.20		
15	16QAM	36	39	20.26	20.27	20.40		
15	16QAM	75	0	20.32	20.42	20.35		
15	64QAM	1	0	20.20	20.40	20.21	22.2	0
15	64QAM	1	37	20.34	20.39	20.31		
15	64QAM	1	74	20.29	20.29	20.25		
15	64QAM	36	0	20.27	20.37	20.20	22.2	0
15	64QAM	36	20	20.20	20.29	20.29		
15	64QAM	36	39	20.29	20.30	20.31		
15	64QAM	75	0	20.29	20.31	20.26		
15	256QAM	1	0	18.81	18.95	18.86	20.7	1.5
15	256QAM	1	37	18.85	18.90	18.86		
15	256QAM	1	74	18.76	18.87	18.82		
15	256QAM	36	0	18.79	18.85	18.76	20.7	1.5
15	256QAM	36	20	18.72	18.81	18.80		
15	256QAM	36	39	18.70	18.88	18.96		
15	256QAM	75	0	18.78	18.90	18.82		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.32	20.44	20.35	22.2	0
10	QPSK	1	25	20.40	20.41	20.29		
10	QPSK	1	49	20.26	20.30	20.31		
10	QPSK	25	0	20.27	20.37	20.25	22.2	0
10	QPSK	25	12	20.26	20.31	20.29		
10	QPSK	25	25	20.21	20.31	20.44		
10	QPSK	50	0	20.29	20.39	20.35		
10	16QAM	1	0	20.31	20.30	20.26	22.2	0
10	16QAM	1	25	20.33	20.32	20.22		
10	16QAM	1	49	20.32	20.26	20.26		
10	16QAM	25	0	20.32	20.33	20.25	22.2	0
10	16QAM	25	12	20.21	20.21	20.23		
10	16QAM	25	25	20.25	20.28	20.40		
10	16QAM	50	0	20.30	20.41	20.35		
10	64QAM	1	0	20.24	20.35	20.21	22.2	0
10	64QAM	1	25	20.31	20.39	20.32		
10	64QAM	1	49	20.32	20.31	20.29		
10	64QAM	25	0	20.25	20.37	20.22	22.2	0
10	64QAM	25	12	20.21	20.41	20.33		
10	64QAM	25	25	20.32	20.29	20.30		
10	64QAM	50	0	20.28	20.39	20.29		
10	256QAM	1	0	18.74	19.01	18.88	20.7	1.5
10	256QAM	1	25	18.83	18.95	18.82		
10	256QAM	1	49	18.73	18.89	18.88		
10	256QAM	25	0	18.76	18.87	20.32	20.7	1.5
10	256QAM	25	12	18.70	18.81	18.82		
10	256QAM	25	25	20.32	18.87	18.90		
10	256QAM	50	0	18.77	18.94	18.79		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.28	20.40	20.38	22.2	0
5	QPSK	1	12	20.42	20.38	20.33		
5	QPSK	1	24	20.22	20.34	20.37		
5	QPSK	12	0	20.33	20.44	20.25	22.2	0
5	QPSK	12	7	20.26	20.26	20.24		
5	QPSK	12	13	20.29	20.39	20.34		
5	QPSK	25	0	20.29	20.36	20.38		
5	16QAM	1	0	20.31	20.37	20.34	22.2	0
5	16QAM	1	12	20.34	20.31	20.40		
5	16QAM	1	24	20.40	20.28	20.26		
5	16QAM	12	0	20.30	20.30	20.21	22.2	0
5	16QAM	12	7	20.22	20.28	20.23		
5	16QAM	12	13	20.22	20.29	20.35		
5	16QAM	25	0	20.28	20.40	20.34		
5	64QAM	1	0	20.27	20.43	20.28	22.2	0
5	64QAM	1	12	20.29	20.40	20.29		
5	64QAM	1	24	20.21	20.24	20.30		
5	64QAM	12	0	20.26	20.31	20.28	22.2	0
5	64QAM	12	7	20.28	20.26	20.21		
5	64QAM	12	13	20.28	20.31	20.38		
5	64QAM	25	0	20.28	20.34	20.26		
5	256QAM	1	0	18.75	18.95	18.88	20.7	1.5
5	256QAM	1	12	18.84	18.93	18.82		
5	256QAM	1	24	18.79	18.84	18.89		
5	256QAM	12	0	18.79	18.85	18.72	20.7	1.5
5	256QAM	12	7	18.72	18.82	18.80		
5	256QAM	12	13	18.73	18.80	18.94		
5	256QAM	25	0	18.77	18.91	18.80		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.29	20.47	20.36	22.2	0
3	QPSK	1	8	20.36	20.41	20.33		
3	QPSK	1	14	20.22	20.36	20.32		
3	QPSK	8	0	20.30	20.41	20.36	22.2	0
3	QPSK	8	4	20.23	20.31	20.30		
3	QPSK	8	7	20.23	20.32	20.39		
3	QPSK	15	0	20.36	20.43	20.33		
3	16QAM	1	0	20.30	20.36	20.33	22.2	0
3	16QAM	1	8	20.29	20.30	20.23		
3	16QAM	1	14	20.33	20.20	20.30		
3	16QAM	8	0	20.25	20.34	20.24	22.2	0
3	16QAM	8	4	20.21	20.21	20.23		
3	16QAM	8	7	20.33	20.25	20.40		
3	16QAM	15	0	20.29	20.41	20.26		
3	64QAM	1	0	20.20	20.38	20.26	22.2	0
3	64QAM	1	8	20.37	20.41	20.29		
3	64QAM	1	14	20.33	20.25	20.32		
3	64QAM	8	0	20.26	20.34	20.38	22.2	0
3	64QAM	8	4	20.22	20.24	20.33		
3	64QAM	8	7	20.21	20.28	20.28		
3	64QAM	15	0	20.26	20.40	20.26		
3	256QAM	1	0	18.78	18.99	18.79	20.7	1.5
3	256QAM	1	8	18.84	18.93	18.87		
3	256QAM	1	14	18.81	18.83	18.84		
3	256QAM	8	0	18.81	18.89	18.72	20.7	1.5
3	256QAM	8	4	18.73	18.79	18.81		
3	256QAM	8	7	18.83	18.82	18.93		
3	256QAM	15	0	18.74	18.87	18.85		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.35	20.39	20.32	22.2	0
1.4	QPSK	1	3	20.36	20.36	20.29		
1.4	QPSK	1	5	20.30	20.34	20.30		
1.4	QPSK	3	0	20.34	20.37	20.27		
1.4	QPSK	3	1	20.28	20.31	20.27		
1.4	QPSK	3	3	20.21	20.36	20.41		
1.4	QPSK	6	0	20.33	20.45	20.32	22.2	0
1.4	16QAM	1	0	20.29	20.30	20.32	22.2	0
1.4	16QAM	1	3	20.31	20.35	20.22		
1.4	16QAM	1	5	20.32	20.23	20.22		
1.4	16QAM	3	0	20.33	20.38	20.25		
1.4	16QAM	3	1	20.32	20.22	20.32		
1.4	16QAM	3	3	20.21	20.31	20.33		
1.4	16QAM	6	0	20.24	20.42	20.35	22.2	0
1.4	64QAM	1	0	20.32	20.39	20.26	22.2	0
1.4	64QAM	1	3	20.32	20.40	20.24		
1.4	64QAM	1	5	20.32	20.29	20.31		
1.4	64QAM	3	0	20.27	20.32	20.32		
1.4	64QAM	3	1	20.39	20.32	20.32		
1.4	64QAM	3	3	20.20	20.34	20.29		
1.4	64QAM	6	0	20.23	20.41	20.27	22.2	0
1.4	256QAM	1	0	18.74	19.01	18.86	20.7	1.5
1.4	256QAM	1	3	18.82	18.90	18.87		
1.4	256QAM	1	5	18.79	18.86	18.83		
1.4	256QAM	3	0	18.73	18.87	18.77		
1.4	256QAM	3	1	18.72	18.76	18.78		
1.4	256QAM	3	3	18.70	18.88	18.88		
1.4	256QAM	6	0	18.76	18.87	18.82	20.7	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	19.38	19.48	19.30	21.2	0
20	QPSK	1	49	19.28	19.43	19.33		
20	QPSK	1	99	19.23	19.32	19.23		
20	QPSK	50	0	19.32	19.45	19.25	21.2	0
20	QPSK	50	24	19.26	19.43	19.30		
20	QPSK	50	50	19.23	19.38	19.24		
20	QPSK	100	0	19.31	19.33	19.21		
20	16QAM	1	0	19.36	19.46	19.27	21.2	0
20	16QAM	1	49	19.25	19.41	19.31		
20	16QAM	1	99	19.21	19.30	19.20		
20	16QAM	50	0	19.30	19.42	19.22	21.2	0
20	16QAM	50	24	19.23	19.39	19.27		
20	16QAM	50	50	19.20	19.35	19.20		
20	16QAM	100	0	19.28	19.30	19.23		
20	64QAM	1	0	19.34	19.46	19.27	21.2	0
20	64QAM	1	49	19.25	19.40	19.29		
20	64QAM	1	99	19.22	19.29	19.20		
20	64QAM	50	0	19.29	19.43	19.22	21.2	0
20	64QAM	50	24	19.24	19.39	19.28		
20	64QAM	50	50	19.21	19.35	19.20		
20	64QAM	100	0	19.27	19.30	19.22		
20	256QAM	1	0	18.85	19.02	18.78	20.7	0.5
20	256QAM	1	49	18.75	18.94	18.85		
20	256QAM	1	99	18.94	18.79	18.72		
20	256QAM	50	0	18.80	18.91	18.70	20.7	0.5
20	256QAM	50	24	18.73	18.97	18.81		
20	256QAM	50	50	18.76	18.83	18.70		
20	256QAM	100	0	18.84	18.83	18.71		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.36	19.46	19.27	21.2	0
15	QPSK	1	37	19.26	19.41	19.31		
15	QPSK	1	74	19.20	19.31	19.20		
15	QPSK	36	0	19.31	19.42	19.22	21.2	0
15	QPSK	36	20	19.23	19.41	19.29		
15	QPSK	36	39	19.21	19.37	19.22		
15	QPSK	75	0	19.31	19.34	19.21		
15	16QAM	1	0	19.35	19.47	19.27	21.2	0
15	16QAM	1	37	19.25	19.42	19.32		
15	16QAM	1	74	19.20	19.31	19.21		
15	16QAM	36	0	19.30	19.42	19.22	21.2	0
15	16QAM	36	20	19.24	19.39	19.26		
15	16QAM	36	39	19.20	19.36	19.42		
15	16QAM	75	0	19.29	19.29	19.23		
15	64QAM	1	0	19.34	19.47	19.27	21.2	0
15	64QAM	1	37	19.26	19.41	19.30		
15	64QAM	1	74	19.22	19.29	19.20		
15	64QAM	36	0	19.29	19.43	19.23	21.2	0
15	64QAM	36	20	19.23	19.39	19.28		
15	64QAM	36	39	19.20	19.34	19.28		
15	64QAM	75	0	19.26	19.30	19.22		
15	256QAM	1	0	18.85	19.02	18.78	20.7	0.5
15	256QAM	1	37	18.75	18.94	18.85		
15	256QAM	1	74	18.94	18.79	18.71		
15	256QAM	36	0	18.81	18.90	18.70	20.7	0.5
15	256QAM	36	20	18.73	18.96	18.80		
15	256QAM	36	39	18.76	18.83	18.70		
15	256QAM	75	0	18.84	18.83	18.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.35	19.45	19.26	21.2	0
10	QPSK	1	25	19.25	19.40	19.30		
10	QPSK	1	49	19.21	19.30	19.21		
10	QPSK	25	0	19.30	19.41	19.21	21.2	0
10	QPSK	25	12	19.22	19.40	19.28		
10	QPSK	25	25	19.20	19.36	19.21		
10	QPSK	50	0	19.30	19.33	19.20		
10	16QAM	1	0	19.34	19.46	19.26	21.2	0
10	16QAM	1	25	19.24	19.41	19.31		
10	16QAM	1	49	19.21	19.30	19.20		
10	16QAM	25	0	19.29	19.41	19.21	21.2	0
10	16QAM	25	12	19.23	19.38	19.25		
10	16QAM	25	25	19.21	19.35	19.41		
10	16QAM	50	0	19.28	19.28	19.22		
10	64QAM	1	0	19.33	19.46	19.26	21.2	0
10	64QAM	1	25	19.25	19.40	19.29		
10	64QAM	1	49	19.21	19.28	19.21		
10	64QAM	25	0	19.28	19.42	19.22	21.2	0
10	64QAM	25	12	19.22	19.38	19.27		
10	64QAM	25	25	19.21	19.33	19.27		
10	64QAM	50	0	19.25	19.29	19.21		
10	256QAM	1	0	18.84	19.01	18.77	20.7	0.5
10	256QAM	1	25	18.74	18.93	18.84		
10	256QAM	1	49	18.93	18.78	18.70		
10	256QAM	25	0	18.80	18.89	19.21	20.7	0.5
10	256QAM	25	12	18.72	18.95	18.79		
10	256QAM	25	25	18.75	18.82	19.21		
10	256QAM	50	0	18.83	18.82	18.70		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.33	19.43	19.24	21.2	0
5	QPSK	1	12	19.23	19.38	19.28		
5	QPSK	1	24	19.20	19.28	19.20		
5	QPSK	12	0	19.28	19.39	19.20	21.2	0
5	QPSK	12	7	19.20	19.38	19.26		
5	QPSK	12	13	19.20	19.34	19.20		
5	QPSK	25	0	19.28	19.31	19.20		
5	16QAM	1	0	19.32	19.44	19.24	21.2	0
5	16QAM	1	12	19.22	19.39	19.29		
5	16QAM	1	24	19.20	19.28	19.20		
5	16QAM	12	0	19.27	19.39	19.20	21.2	0
5	16QAM	12	7	19.21	19.36	19.23		
5	16QAM	12	13	19.20	19.33	19.39		
5	16QAM	25	0	19.26	19.26	19.20		
5	64QAM	1	0	19.31	19.44	19.24	21.2	0
5	64QAM	1	12	19.23	19.38	19.27		
5	64QAM	1	24	19.20	19.26	19.20		
5	64QAM	12	0	19.26	19.40	19.20	21.2	0
5	64QAM	12	7	19.20	19.36	19.25		
5	64QAM	12	13	19.20	19.31	19.25		
5	64QAM	25	0	19.23	19.27	19.20		
5	256QAM	1	0	18.82	18.99	18.75	20.7	0.5
5	256QAM	1	12	18.70	18.90	18.74		
5	256QAM	1	24	18.70	18.77	19.21		
5	256QAM	12	0	18.78	18.77	19.21	20.7	0.5
5	256QAM	12	7	18.70	18.93	18.77		
5	256QAM	12	13	18.73	18.80	18.82		
5	256QAM	25	0	18.81	18.80	18.82		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.39	20.53	20.52	22.2	0
20	QPSK	1	49	20.40	20.35	20.30		
20	QPSK	1	99	20.37	20.34	20.28		
20	QPSK	50	0	20.40	20.42	20.36	22.2	0
20	QPSK	50	24	20.32	20.34	20.31		
20	QPSK	50	50	20.38	20.41	20.38		
20	QPSK	100	0	20.25	20.36	20.28		
20	16QAM	1	0	20.28	20.50	20.50	22.2	0
20	16QAM	1	49	20.30	20.32	20.22		
20	16QAM	1	99	20.28	20.32	20.21		
20	16QAM	50	0	20.36	20.38	20.31	22.2	0
20	16QAM	50	24	20.30	20.26	20.25		
20	16QAM	50	50	20.28	20.36	20.30		
20	16QAM	100	0	20.21	20.29	20.20		
20	64QAM	1	0	20.33	20.52	20.51	22.2	0
20	64QAM	1	49	20.32	20.32	20.20		
20	64QAM	1	99	20.33	20.29	20.20		
20	64QAM	50	0	20.36	20.35	20.33	22.2	0
20	64QAM	50	24	20.29	20.31	20.25		
20	64QAM	50	50	20.35	20.39	20.31		
20	64QAM	100	0	20.19	20.32	20.19		
20	256QAM	1	0	18.86	18.99	19.02	20.7	1.5
20	256QAM	1	49	18.93	18.90	18.79		
20	256QAM	1	99	18.84	18.89	18.76		
20	256QAM	50	0	18.88	18.95	18.85	20.7	1.5
20	256QAM	50	24	18.81	18.87	18.85		
20	256QAM	50	50	18.89	18.88	18.86		
20	256QAM	100	0	18.74	18.83	18.74		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.32	20.50	20.41	22.2	0
15	QPSK	1	37	20.30	20.31	20.23		
15	QPSK	1	74	20.26	20.24	20.32		
15	QPSK	36	0	20.34	20.32	20.34	22.2	0
15	QPSK	36	20	20.24	20.29	20.28		
15	QPSK	36	39	20.28	20.36	20.36		
15	QPSK	75	0	20.32	20.30	20.23		
15	16QAM	1	0	20.26	20.47	20.43	22.2	0
15	16QAM	1	37	20.20	20.22	20.41		
15	16QAM	1	74	20.24	20.23	20.32		
15	16QAM	36	0	20.29	20.36	20.23	22.2	0
15	16QAM	36	20	20.20	20.20	20.32		
15	16QAM	36	39	20.20	20.32	20.25		
15	16QAM	75	0	20.32	20.24	20.41		
15	64QAM	1	0	20.28	20.45	20.49	22.2	0
15	64QAM	1	37	20.22	20.27	20.41		
15	64QAM	1	74	20.29	20.23	20.32		
15	64QAM	36	0	20.27	20.25	20.30	22.2	0
15	64QAM	36	20	20.22	20.26	20.18		
15	64QAM	36	39	20.32	20.30	20.27		
15	64QAM	75	0	20.14	20.30	20.10		
15	256QAM	1	0	18.75	18.89	18.96	20.7	1.5
15	256QAM	1	37	18.92	18.80	18.77		
15	256QAM	1	74	18.76	18.85	18.70		
15	256QAM	36	0	18.81	18.84	18.75	20.7	1.5
15	256QAM	36	20	18.73	18.85	18.82		
15	256QAM	36	39	18.87	18.81	18.78		
15	256QAM	75	0	19.18	19.20	19.18		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.32	20.43	20.49	22.2	0
10	QPSK	1	25	20.33	20.33	20.23		
10	QPSK	1	49	20.34	20.33	20.23		
10	QPSK	25	0	20.38	20.31	20.32	22.2	0
10	QPSK	25	12	20.27	20.30	20.27		
10	QPSK	25	25	20.30	20.32	20.28		
10	QPSK	50	0	20.21	20.29	20.30		
10	16QAM	1	0	20.20	20.42	20.44	22.2	0
10	16QAM	1	25	20.24	20.23	20.30		
10	16QAM	1	49	20.27	20.28	20.20		
10	16QAM	25	0	20.32	20.36	20.29	22.2	0
10	16QAM	25	12	20.26	20.20	20.30		
10	16QAM	25	25	20.25	20.26	20.29		
10	16QAM	50	0	20.30	20.24	20.30		
10	64QAM	1	0	20.24	20.42	20.48	22.2	0
10	64QAM	1	25	20.29	20.26	20.20		
10	64QAM	1	49	20.26	20.26	20.20		
10	64QAM	25	0	20.35	20.31	20.24	22.2	0
10	64QAM	25	12	20.21	20.24	20.20		
10	64QAM	25	25	20.27	20.32	20.22		
10	64QAM	50	0	20.11	20.28	20.17		
10	256QAM	1	0	18.79	18.97	18.99	20.7	1.5
10	256QAM	1	25	18.91	18.82	18.91		
10	256QAM	1	49	18.76	18.88	18.70		
10	256QAM	25	0	18.78	18.89	18.80	20.7	1.5
10	256QAM	25	12	18.73	18.86	18.75		
10	256QAM	25	25	18.81	18.78	18.82		
10	256QAM	50	0	19.13	19.24	19.17		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.32	20.52	20.43	22.2	0
5	QPSK	1	12	20.36	20.29	20.26		
5	QPSK	1	24	20.26	20.31	20.26		
5	QPSK	12	0	20.32	20.41	20.35	22.2	0
5	QPSK	12	7	20.29	20.25	20.21		
5	QPSK	12	13	20.28	20.33	20.34		
5	QPSK	25	0	20.26	20.32	20.23		
5	16QAM	1	0	20.26	20.47	20.44	22.2	0
5	16QAM	1	12	20.25	20.23	20.20		
5	16QAM	1	24	20.26	20.24	20.26		
5	16QAM	12	0	20.30	20.35	20.23	22.2	0
5	16QAM	12	7	20.27	20.23	20.23		
5	16QAM	12	13	20.25	20.34	20.25		
5	16QAM	25	0	20.26	20.25	20.26		
5	64QAM	1	0	20.27	20.48	20.41	22.2	0
5	64QAM	1	12	20.21	20.29	20.23		
5	64QAM	1	24	20.26	20.27	20.26		
5	64QAM	12	0	20.32	20.26	20.23	22.2	0
5	64QAM	12	7	20.28	20.30	20.19		
5	64QAM	12	13	20.26	20.31	20.22		
5	64QAM	25	0	20.08	20.27	20.14		
5	256QAM	1	0	18.79	18.92	18.95	20.7	1.5
5	256QAM	1	12	18.91	18.86	18.78		
5	256QAM	1	24	18.80	18.84	18.71		
5	256QAM	12	0	18.78	18.86	18.82	20.7	1.5
5	256QAM	12	7	18.77	18.82	18.80		
5	256QAM	12	13	18.79	18.86	18.82		
5	256QAM	25	0	19.16	19.28	19.18		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.32	20.44	20.47	22.2	0
3	QPSK	1	8	20.35	20.27	20.20		
3	QPSK	1	14	20.29	20.30	20.21		
3	QPSK	8	0	20.36	20.34	20.33	22.2	0
3	QPSK	8	4	20.28	20.29	20.26		
3	QPSK	8	7	20.31	20.34	20.28		
3	QPSK	15	0	20.21	20.29	20.20		
3	16QAM	1	0	20.21	20.44	20.46	22.2	0
3	16QAM	1	8	20.23	20.28	20.20		
3	16QAM	1	14	20.25	20.28	20.29		
3	16QAM	8	0	20.26	20.27	20.22	22.2	0
3	16QAM	8	4	20.23	20.22	20.20		
3	16QAM	8	7	20.24	20.34	20.21		
3	16QAM	15	0	20.21	20.29	20.21		
3	64QAM	1	0	20.32	20.50	20.50	22.2	0
3	64QAM	1	8	20.22	20.25	20.29		
3	64QAM	1	14	20.32	20.29	20.21		
3	64QAM	8	0	20.32	20.24	20.25	22.2	0
3	64QAM	8	4	20.26	20.29	20.17		
3	64QAM	8	7	20.31	20.32	20.23		
3	64QAM	15	0	20.15	20.26	20.09		
3	256QAM	1	0	18.78	18.95	18.97	20.7	1.5
3	256QAM	1	8	18.91	18.81	18.77		
3	256QAM	1	14	18.75	18.79	18.77		
3	256QAM	8	0	18.84	18.86	18.75	20.7	1.5
3	256QAM	8	4	18.75	18.82	18.82		
3	256QAM	8	7	18.87	18.78	18.76		
3	256QAM	15	0	19.12	19.19	19.16		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.38	20.51	20.50	22.2	0
1.4	QPSK	1	3	20.38	20.33	20.25		
1.4	QPSK	1	5	20.34	20.26	20.22		
1.4	QPSK	3	0	20.39	20.37	20.35		
1.4	QPSK	3	1	20.25	20.30	20.23		
1.4	QPSK	3	3	20.36	20.36	20.28		
1.4	QPSK	6	0	20.34	20.26	20.21	22.2	0
1.4	16QAM	1	0	20.25	20.48	20.47	22.2	0
1.4	16QAM	1	3	20.28	20.24	20.21		
1.4	16QAM	1	5	20.25	20.30	20.34		
1.4	16QAM	3	0	20.31	20.32	20.25		
1.4	16QAM	3	1	20.23	20.23	20.34		
1.4	16QAM	3	3	20.20	20.30	20.27		
1.4	16QAM	6	0	20.18	20.20	20.14	22.2	0
1.4	64QAM	1	0	20.29	20.46	20.45	22.2	0
1.4	64QAM	1	3	20.22	20.30	20.34		
1.4	64QAM	1	5	20.28	20.25	20.34		
1.4	64QAM	3	0	20.34	20.30	20.30		
1.4	64QAM	3	1	20.24	20.20	20.23		
1.4	64QAM	3	3	20.32	20.29	20.27		
1.4	64QAM	6	0	20.20	20.31	20.20	22.2	0
1.4	256QAM	1	0	18.79	18.98	18.95	20.7	1.5
1.4	256QAM	1	3	18.85	18.82	18.93		
1.4	256QAM	1	5	18.78	18.83	18.93		
1.4	256QAM	3	0	18.84	18.93	18.75		
1.4	256QAM	3	1	18.72	18.80	18.81		
1.4	256QAM	3	3	18.88	18.83	18.80		
1.4	256QAM	6	0	19.18	19.19	19.16	20.7	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.00	22.07	21.90	23.5	0
20	QPSK	1	49	21.82	21.95	21.84		
20	QPSK	1	99	21.90	21.85	21.79		
20	QPSK	50	0	21.80	21.92	21.80		
20	QPSK	50	24	21.90	21.91	21.89		
20	QPSK	50	50	21.84	21.85	21.79		
20	QPSK	100	0	21.91	21.95	21.84		
20	16QAM	1	0	21.97	21.98	21.85	23.5	0
20	16QAM	1	49	21.76	21.84	21.79		
20	16QAM	1	99	21.81	21.79	21.70		
20	16QAM	50	0	21.98	22.02	21.81		
20	16QAM	50	24	21.77	21.85	21.81		
20	16QAM	50	50	21.86	21.83	21.77		
20	16QAM	100	0	21.74	21.85	21.71		
20	64QAM	1	0	21.77	21.82	21.80		
20	64QAM	1	49	21.79	21.80	21.71	23.5	0
20	64QAM	1	99	21.88	21.85	21.77		
20	64QAM	50	0	20.97	21.08	20.94		
20	64QAM	50	24	20.86	20.91	20.83	22.5	1
20	64QAM	50	50	20.92	20.84	20.82		
20	64QAM	100	0	20.77	20.90	20.78		
20	256QAM	1	0	18.96	19.03	18.91		
20	256QAM	1	49	18.85	18.97	18.79	20.5	3
20	256QAM	1	99	18.92	18.89	18.75		
20	256QAM	50	0	18.80	18.91	18.75		
20	256QAM	50	24	18.82	18.93	18.87	20.5	3
20	256QAM	50	50	18.87	18.80	18.76		
20	256QAM	100	0	18.88	18.96	18.84		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.89	22.01	21.83	23.5	0
15	QPSK	1	37	21.73	21.85	21.79		
15	QPSK	1	74	21.85	21.77	21.74		
15	QPSK	36	0	21.75	21.87	21.69		
15	QPSK	36	20	21.73	21.85	21.80		
15	QPSK	36	39	21.76	21.83	21.69		
15	QPSK	75	0	21.88	21.93	21.78		
15	16QAM	1	0	21.90	21.90	21.81		
15	16QAM	1	37	21.69	21.80	21.76	23.5	0
15	16QAM	1	74	21.71	21.73	21.62		
15	16QAM	36	0	21.94	22.00	21.79		
15	16QAM	36	20	21.71	21.83	21.79	23.5	0
15	16QAM	36	39	21.84	21.72	21.69		
15	16QAM	75	0	21.64	21.76	21.69		
15	64QAM	1	0	21.72	21.75	21.74		
15	64QAM	1	37	21.72	21.78	21.82	23.5	0
15	64QAM	1	74	21.78	21.79	21.75		
15	64QAM	36	0	20.93	21.00	20.85		
15	64QAM	36	20	20.78	20.82	20.79	22.5	1
15	64QAM	36	39	20.88	20.81	20.75		
15	64QAM	75	0	20.72	20.87	20.70		
15	256QAM	1	0	18.85	19.01	18.86		
15	256QAM	1	37	18.80	18.95	18.76	20.5	3
15	256QAM	1	74	18.88	18.84	18.71		
15	256QAM	36	0	18.74	18.81	18.72		
15	256QAM	36	20	18.77	18.86	18.81	20.5	3
15	256QAM	36	39	18.79	18.72	18.69		
15	256QAM	75	0	18.81	18.86	18.82		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2570	2595	2615		
10	QPSK	1	0	21.92	22.01	21.88	23.5	0
10	QPSK	1	25	21.78	21.86	21.76		
10	QPSK	1	49	21.89	21.78	21.75		
10	QPSK	25	0	21.73	21.89	21.74		
10	QPSK	25	12	21.75	21.89	21.83		
10	QPSK	25	25	21.74	21.77	21.69		
10	QPSK	50	0	21.86	21.91	21.81		
10	16QAM	1	0	21.88	21.91	21.84		
10	16QAM	1	25	21.66	21.80	21.74	23.5	0
10	16QAM	1	49	21.79	21.68	21.64		
10	16QAM	25	0	21.89	22.01	21.74		
10	16QAM	25	12	21.68	21.83	21.72	23.5	0
10	16QAM	25	25	21.77	21.76	21.71		
10	16QAM	50	0	21.73	21.76	21.67		
10	64QAM	1	0	21.72	21.77	21.70		
10	64QAM	1	25	21.75	21.89	21.84	23.5	0
10	64QAM	1	49	21.82	21.81	21.68		
10	64QAM	25	0	20.91	21.01	20.91		
10	64QAM	25	12	20.76	20.81	20.74	22.5	1
10	64QAM	25	25	20.85	20.76	20.75		
10	64QAM	50	0	20.67	20.80	20.77		
10	256QAM	1	0	18.93	19.01	18.88		
10	256QAM	1	25	18.82	18.92	18.70	20.5	3
10	256QAM	1	49	18.90	18.84	18.67		
10	256QAM	25	0	18.70	18.80	18.74		
10	256QAM	25	12	18.71	18.86	18.83	20.5	3
10	256QAM	25	25	18.84	18.73	18.70		
10	256QAM	50	0	18.85	18.86	18.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.94	22.05	21.86	23.5	0
5	QPSK	1	12	21.74	21.86	21.80		
5	QPSK	1	24	21.88	21.82	21.72		
5	QPSK	12	0	21.76	21.90	21.73		
5	QPSK	12	7	21.74	21.82	21.84		
5	QPSK	12	13	21.80	21.79	21.70		
5	QPSK	25	0	21.87	21.85	21.82		
5	16QAM	1	0	21.75	21.96	21.79		
5	16QAM	1	12	21.73	21.79	21.71	23.5	0
5	16QAM	1	24	21.77	21.75	21.64		
5	16QAM	12	0	21.95	21.97	21.79		
5	16QAM	12	7	21.75	21.84	21.79	23.5	0
5	16QAM	12	13	21.79	21.77	21.67		
5	16QAM	25	0	21.70	21.81	21.60		
5	64QAM	1	0	21.70	21.78	21.73		
5	64QAM	1	12	21.71	21.73	21.61	23.5	0
5	64QAM	1	24	21.81	21.75	21.70		
5	64QAM	12	0	20.91	21.00	20.83		
5	64QAM	12	7	20.79	20.82	20.80	22.5	1
5	64QAM	12	13	20.82	20.77	20.78		
5	64QAM	25	0	20.69	20.88	20.74		
5	256QAM	1	0	18.90	19.00	18.85		
5	256QAM	1	12	18.81	18.90	18.72	20.5	3
5	256QAM	1	24	18.88	18.85	18.72		
5	256QAM	12	0	18.78	18.83	18.72		
5	256QAM	12	7	18.78	18.85	18.83	20.5	3
5	256QAM	12	13	18.82	18.70	18.72		
5	256QAM	25	0	18.83	18.86	18.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.41	21.23	21.59	21.45	21.39	23	0
20	QPSK	1	49	21.48	21.48	21.56	21.33	21.38		
20	QPSK	1	99	21.34	21.51	21.44	21.34	21.44		
20	QPSK	50	0	21.42	21.51	21.55	21.32	21.44		
20	QPSK	50	24	21.47	21.34	21.53	21.37	21.33		
20	QPSK	50	50	21.38	21.37	21.45	21.43	21.46		
20	QPSK	100	0	21.37	21.38	21.50	21.47	21.38		
20	16QAM	1	0	21.33	21.15	21.49	21.43	21.29		
20	16QAM	1	49	21.43	21.40	21.48	21.27	21.34		
20	16QAM	1	99	21.28	21.49	21.40	21.26	21.34		
20	16QAM	50	0	21.39	21.19	21.57	21.35	21.32		
20	16QAM	50	24	21.39	21.44	21.54	21.32	21.35		
20	16QAM	50	50	21.31	21.49	21.39	21.26	21.33		
20	16QAM	100	0	21.36	21.49	21.49	21.25	21.37		
20	64QAM	1	0	21.45	21.27	21.44	21.28	21.29		
20	64QAM	1	49	21.35	21.35	21.36	21.38	21.45		
20	64QAM	1	99	21.32	21.36	21.41	21.36	21.35		
20	64QAM	50	0	20.94	20.69	21.06	20.94	20.93		
20	64QAM	50	24	20.99	20.97	21.11	20.82	20.85		
20	64QAM	50	50	20.87	21.01	20.91	20.83	20.89		
20	64QAM	100	0	20.88	21.02	21.07	20.83	20.95		
20	256QAM	1	0	18.93	18.72	19.08	18.91	18.92		
20	256QAM	1	49	18.99	19.00	19.07	18.87	18.85		
20	256QAM	1	99	18.79	18.98	18.89	18.81	18.97		
20	256QAM	50	0	18.89	18.99	19.04	18.85	18.92		
20	256QAM	50	24	18.94	18.81	18.99	18.90	18.80		
20	256QAM	50	50	18.89	18.84	18.94	18.93	19.00		
20	256QAM	100	0	18.96	18.91	18.97	18.94	18.84		
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	21.34	21.17	21.57	21.34	21.35	23	0
15	QPSK	1	37	21.45	21.38	21.53	21.26	21.32		
15	QPSK	1	74	21.32	21.45	21.39	21.30	21.37		
15	QPSK	36	0	21.36	21.44	21.49	21.27	21.35		
15	QPSK	36	20	21.45	21.24	21.44	21.35	21.24		
15	QPSK	36	39	21.29	21.34	21.40	21.39	21.46		
15	QPSK	75	0	21.30	21.28	21.42	21.42	21.33		
15	16QAM	1	0	21.23	21.06	21.40	21.41	21.24	23	0
15	16QAM	1	37	21.34	21.37	21.45	21.19	21.24		
15	16QAM	1	74	21.26	21.40	21.34	21.23	21.33		
15	16QAM	36	0	21.30	21.12	21.55	21.30	21.22		
15	16QAM	36	20	21.29	21.33	21.47	21.28	21.24		
15	16QAM	36	39	21.28	21.38	21.29	21.24	21.29		
15	16QAM	75	0	21.31	21.47	21.44	21.15	21.34		
15	64QAM	1	0	21.37	21.24	21.40	21.24	21.26		
15	64QAM	1	37	21.30	21.25	21.27	21.33	21.40	23	0
15	64QAM	1	74	21.28	21.32	21.40	21.27	21.28		
15	64QAM	36	0	20.87	20.62	20.98	20.90	20.87		
15	64QAM	36	20	20.97	20.92	21.04	20.75	20.76	22.5	0.5
15	64QAM	36	39	20.80	20.91	20.83	20.73	20.83		
15	64QAM	75	0	20.80	20.93	20.99	20.79	20.90		
15	256QAM	1	0	18.90	18.70	19.05	18.83	18.85		
15	256QAM	1	37	18.91	18.96	19.04	18.86	18.80	20.5	2.5
15	256QAM	1	74	18.76	18.91	18.85	18.70	18.96		
15	256QAM	36	0	18.86	18.89	19.01	18.74	18.91		
15	256QAM	36	20	18.89	18.72	18.89	18.88	18.73	20.5	2.5
15	256QAM	36	39	18.81	18.82	18.92	18.83	18.96		
15	256QAM	75	0	18.79	18.86	18.96	18.92	18.81		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.36	21.12	21.58	21.42	21.35	23	0
10	QPSK	1	25	21.39	21.45	21.54	21.32	21.28		
10	QPSK	1	49	21.31	21.44	21.33	21.32	21.34		
10	QPSK	25	0	21.37	21.42	21.49	21.29	21.39		
10	QPSK	25	12	21.36	21.30	21.49	21.32	21.30		
10	QPSK	25	25	21.30	21.29	21.37	21.38	21.38		
10	QPSK	50	0	21.28	21.35	21.47	21.39	21.33		
10	16QAM	1	0	21.32	21.14	21.48	21.42	21.27		
10	16QAM	1	25	21.34	21.38	21.45	21.25	21.24	23	0
10	16QAM	1	49	21.17	21.38	21.35	21.19	21.24		
10	16QAM	25	0	21.28	21.08	21.54	21.30	21.30		
10	16QAM	25	12	21.29	21.41	21.52	21.24	21.29	23	0
10	16QAM	25	25	21.28	21.39	21.33	21.23	21.23		
10	16QAM	50	0	21.35	21.46	21.47	21.17	21.27		
10	64QAM	1	0	21.37	21.18	21.33	21.26	21.21		
10	64QAM	1	25	21.34	21.25	21.34	21.31	21.40	23	0
10	64QAM	1	49	21.29	21.30	21.39	21.28	21.26		
10	64QAM	25	0	20.89	20.67	20.98	20.90	20.89		
10	64QAM	25	12	20.94	20.91	21.07	20.77	20.76	22.5	0.5
10	64QAM	25	25	20.87	20.96	20.83	20.74	20.79		
10	64QAM	50	0	20.79	20.92	21.05	20.79	20.87		
10	256QAM	1	0	18.84	18.65	19.06	18.89	18.89		
10	256QAM	1	25	18.98	18.96	19.01	18.84	18.81	20.5	2.5
10	256QAM	1	49	18.78	18.92	18.79	18.78	18.90		
10	256QAM	25	0	18.79	18.93	18.94	18.77	18.86		
10	256QAM	25	12	18.86	18.76	18.91	18.79	18.70	20.5	2.5
10	256QAM	25	25	18.81	18.81	18.89	18.83	18.90		
10	256QAM	50	0	18.78	18.85	18.87	18.91	18.77		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	21.34	21.19	21.58	21.37	21.30	23	0
5	QPSK	1	12	21.41	21.41	21.51	21.29	21.34		
5	QPSK	1	24	21.30	21.41	21.37	21.26	21.40		
5	QPSK	12	0	21.32	21.49	21.51	21.22	21.40		
5	QPSK	12	7	21.36	21.25	21.45	21.31	21.32		
5	QPSK	12	13	21.32	21.35	21.39	21.38	21.43		
5	QPSK	25	0	21.28	21.34	21.47	21.43	21.32		
5	16QAM	1	0	21.31	21.04	21.41	21.39	21.32		
5	16QAM	1	12	21.39	21.31	21.42	21.17	21.25	23	0
5	16QAM	1	24	21.17	21.47	21.38	21.21	21.24		
5	16QAM	12	0	21.35	21.08	21.50	21.30	21.24		
5	16QAM	12	7	21.34	21.37	21.49	21.25	21.33		
5	16QAM	12	13	21.24	21.45	21.30	21.18	21.28		
5	16QAM	25	0	21.35	21.40	21.44	21.18	21.26		
5	64QAM	1	0	21.40	21.16	21.35	21.21	21.20		
5	64QAM	1	12	21.33	21.24	21.33	21.29	21.36	23	0
5	64QAM	1	24	21.25	21.30	21.36	21.25	21.29		
5	64QAM	12	0	20.89	20.61	21.00	20.86	20.86		
5	64QAM	12	7	20.97	20.87	21.05	20.71	20.83	22.5	0.5
5	64QAM	12	13	20.80	20.96	20.89	20.75	20.85		
5	64QAM	25	0	20.81	21.00	20.97	20.75	20.86		
5	256QAM	1	0	18.91	18.70	19.02	18.80	18.85		
5	256QAM	1	12	18.89	18.97	19.05	18.79	18.76	20.5	2.5
5	256QAM	1	24	18.76	18.89	18.81	18.78	18.92		
5	256QAM	12	0	18.86	18.96	18.99	18.81	18.88		
5	256QAM	12	7	18.84	18.73	18.90	18.80	18.73	20.5	2.5
5	256QAM	12	13	18.81	18.76	18.85	18.83	18.94		
5	256QAM	25	0	18.80	18.88	18.91	18.85	18.76		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.75	20.95	20.63	22.5	0
20	QPSK	1	49	20.81	20.88	20.76		
20	QPSK	1	99	20.74	20.75	20.85		
20	QPSK	50	0	20.83	20.89	20.76		
20	QPSK	50	24	20.88	20.79	20.71		
20	QPSK	50	50	20.86	20.81	20.79		
20	QPSK	100	0	20.69	20.85	20.80		
20	16QAM	1	0	20.68	20.93	20.57		
20	16QAM	1	49	20.78	20.78	20.66	22.5	0
20	16QAM	1	99	20.71	20.69	20.77		
20	16QAM	50	0	20.73	20.83	20.67		
20	16QAM	50	24	20.82	20.76	20.66	22.5	0
20	16QAM	50	50	20.76	20.78	20.74		
20	16QAM	100	0	20.66	20.79	20.73		
20	64QAM	1	0	20.71	20.85	20.58		
20	64QAM	1	49	20.73	20.80	20.72	22.5	0
20	64QAM	1	99	20.71	20.69	20.76		
20	64QAM	50	0	19.71	19.92	19.64		
20	64QAM	50	24	19.77	19.90	19.78	21.5	1
20	64QAM	50	50	19.72	19.76	19.82		
20	64QAM	100	0	19.80	19.84	19.78		
20	256QAM	1	0	17.75	17.95	17.63		
20	256QAM	1	49	17.80	17.89	17.79	19.5	3
20	256QAM	1	99	17.69	17.72	17.87		
20	256QAM	50	0	17.83	17.87	17.75		
20	256QAM	50	24	17.88	17.80	17.68	19.5	3
20	256QAM	50	50	17.89	17.78	17.79		
20	256QAM	100	0	17.69	17.82	17.76		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.65	20.94	20.55	22.5	0
15	QPSK	1	37	20.77	20.78	20.72		
15	QPSK	1	74	20.69	20.64	20.77		
15	QPSK	36	0	20.77	20.84	20.73		
15	QPSK	36	20	20.78	20.73	20.64		
15	QPSK	36	39	20.81	20.79	20.70		
15	QPSK	75	0	20.63	20.75	20.75		
15	16QAM	1	0	20.62	20.87	20.51		
15	16QAM	1	37	20.68	20.71	20.61	22.5	0
15	16QAM	1	74	20.68	20.63	20.70		
15	16QAM	36	0	20.69	20.74	20.65		
15	16QAM	36	20	20.78	20.74	20.57	22.5	0
15	16QAM	36	39	20.70	20.69	20.70		
15	16QAM	75	0	20.58	20.73	20.64		
15	64QAM	1	0	20.69	20.77	20.53		
15	64QAM	1	37	20.68	20.78	20.70	22.5	0
15	64QAM	1	74	20.70	20.68	20.65		
15	64QAM	36	0	19.65	19.85	19.62		
15	64QAM	36	20	19.68	19.85	19.68	21.5	1
15	64QAM	36	39	19.66	19.70	19.76		
15	64QAM	75	0	19.71	19.79	19.71		
15	256QAM	1	0	17.67	17.90	17.57		
15	256QAM	1	37	17.71	17.82	17.73	19.5	3
15	256QAM	1	74	17.67	17.64	17.85		
15	256QAM	36	0	17.77	17.84	17.72		
15	256QAM	36	20	17.81	17.73	17.61	19.5	3
15	256QAM	36	39	17.80	17.69	17.69		
15	256QAM	75	0	17.60	17.76	17.69		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.71	20.93	20.61	22.5	0
10	QPSK	1	25	20.73	20.85	20.65		
10	QPSK	1	49	20.70	20.69	20.76		
10	QPSK	25	0	20.75	20.83	20.69		
10	QPSK	25	12	20.84	20.73	20.65	22.5	0
10	QPSK	25	25	20.78	20.80	20.77		
10	QPSK	50	0	20.59	20.80	20.77		
10	16QAM	1	0	20.60	20.84	20.52		
10	16QAM	1	25	20.71	20.75	20.63	22.5	0
10	16QAM	1	49	20.60	20.62	20.71		
10	16QAM	25	0	20.67	20.78	20.63		
10	16QAM	25	12	20.75	20.73	20.60	22.5	0
10	16QAM	25	25	20.69	20.74	20.68		
10	16QAM	50	0	20.57	20.71	20.65		
10	64QAM	1	0	20.61	20.80	20.54		
10	64QAM	1	25	20.69	20.78	20.69	22.5	0
10	64QAM	1	49	20.66	20.61	20.73		
10	64QAM	25	0	19.66	19.83	19.59		
10	64QAM	25	12	19.70	19.88	19.73	21.5	1
10	64QAM	25	25	19.66	19.76	19.79		
10	64QAM	50	0	19.73	19.79	19.69		
10	256QAM	1	0	17.70	17.91	17.56		
10	256QAM	1	25	17.72	17.83	17.72	19.5	3
10	256QAM	1	49	17.61	17.69	17.84		
10	256QAM	25	0	17.81	17.78	17.70		
10	256QAM	25	12	17.78	17.72	17.61	19.5	3
10	256QAM	25	25	17.86	17.68	17.77		
10	256QAM	50	0	17.59	17.74	17.71		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.73	20.87	20.54	22.5	0
5	QPSK	1	12	20.75	20.83	20.72		
5	QPSK	1	24	20.66	20.70	20.81		
5	QPSK	12	0	20.78	20.86	20.67		
5	QPSK	12	7	20.77	20.76	20.63	22.5	0
5	QPSK	12	13	20.83	20.70	20.77		
5	QPSK	25	0	20.61	20.76	20.78		
5	16QAM	1	0	20.60	20.86	20.50		
5	16QAM	1	12	20.76	20.76	20.57	22.5	0
5	16QAM	1	24	20.60	20.61	20.75		
5	16QAM	12	0	20.64	20.77	20.65		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.91	20.97	20.92	21.7	0
20	QPSK	1	49	20.89	20.88	20.94		
20	QPSK	1	99	20.77	20.84	20.86		
20	QPSK	50	0	20.89	20.92	20.88		
20	QPSK	50	24	20.76	20.88	20.77		
20	QPSK	50	50	20.90	20.82	20.81		
20	QPSK	100	0	20.83	20.87	20.86		
20	16QAM	1	0	20.84	20.93	20.89		
20	16QAM	1	49	20.80	20.81	20.93	21.7	0
20	16QAM	1	99	20.67	20.77	20.84		
20	16QAM	50	0	20.85	20.91	20.84		
20	16QAM	50	24	20.74	20.79	20.73	21.7	0
20	16QAM	50	50	20.83	20.76	20.71		
20	16QAM	100	0	20.72	20.81	20.78		
20	64QAM	1	0	20.86	20.87	20.91		
20	64QAM	1	49	20.83	20.86	20.85	21.7	0
20	64QAM	1	99	20.70	20.75	20.84		
20	64QAM	50	0	20.88	20.85	20.82		
20	64QAM	50	24	20.68	20.77	20.76	21.7	0
20	64QAM	50	50	20.89	20.76	20.74		
20	64QAM	100	0	20.73	20.76	20.84		
20	256QAM	1	0	19.95	19.92	19.94		
20	256QAM	1	49	19.90	19.90	19.89	20.7	1
20	256QAM	1	99	19.72	19.83	19.89		
20	256QAM	50	0	19.90	19.87	19.93		
20	256QAM	50	24	19.73	19.87	19.79	20.7	1
20	256QAM	50	50	19.94	19.84	19.80		
20	256QAM	100	0	19.82	19.83	19.90		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.85	20.86	20.86	21.7	0
15	QPSK	1	37	20.86	20.84	20.90		
15	QPSK	1	74	20.67	20.81	20.78		
15	QPSK	36	0	20.87	20.91	20.85		
15	QPSK	36	20	20.73	20.80	20.86	21.7	0
15	QPSK	36	39	20.88	20.72	20.74		
15	QPSK	75	0	20.80	20.81	20.76		
15	16QAM	1	0	20.83	20.90	20.87		
15	16QAM	1	37	20.79	20.79	20.88	21.7	0
15	16QAM	1	74	20.61	20.69	20.73		
15	16QAM	36	0	20.80	20.88	20.79		
15	16QAM	36	20	20.67	20.73	20.66	21.7	0
15	16QAM	36	39	20.81	20.73	20.64		
15	16QAM	75	0	20.69	20.78	20.73		
15	64QAM	1	0	20.76	20.78	20.88		
15	64QAM	1	37	20.77	20.85	20.74	21.7	0
15	64QAM	1	74	20.67	20.65	20.78		
15	64QAM	36	0	20.83	20.76	20.79		
15	64QAM	36	20	20.62	20.67	20.67	21.7	0
15	64QAM	36	39	20.80	20.66	20.68		
15	64QAM	75	0	20.64	20.67	20.74		
15	256QAM	1	0	19.91	19.82	19.90		
15	256QAM	1	37	19.89	19.88	19.79	20.7	1
15	256QAM	1	74	19.62	19.81	19.81		
15	256QAM	36	0	19.81	19.83	19.92		
15	256QAM	36	20	19.70	19.82	19.75	20.7	1
15	256QAM	36	39	19.92	19.78	19.71		
15	256QAM	75	0	19.80	19.75	19.82		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.88	20.92	20.91	21.7	0
10	QPSK	1	25	20.79	20.85	20.87		
10	QPSK	1	49	20.72	20.77	20.83		
10	QPSK	25	0	20.80	20.88	20.86		
10	QPSK	25	12	20.74	20.85	20.67	21.7	0
10	QPSK	25	25	20.83	20.72	20.71		
10	QPSK	50	0	20.77	20.79	20.80		
10	16QAM	1	0	20.77	20.89	20.80		
10	16QAM	1	25	20.72	20.76	20.85	21.7	0
10	16QAM	1	49	20.60	20.72	20.80		
10	16QAM	25	0	20.75	20.81	20.79		
10	16QAM	25	12	20.72	20.70	20.67	21.7	0
10	16QAM	25	25	20.77	20.71	20.66		
10	16QAM	50	0	20.64	20.71	20.67		
10	64QAM	1	0	20.79	20.80	20.87		
10	64QAM	1	25	20.73	20.78	20.81	21.7	0
10	64QAM	1	49	20.67	20.71	20.76		
10	64QAM	25	0	20.79	20.83	20.78		
10	64QAM	25	12	20.57	20.72	20.75	21.7	0
10	64QAM	25	25	20.78	20.69	20.69		
10	64QAM	50	0	20.65	20.72	20.75		
10	256QAM	1	0	19.86	19.81	19.92		
10	256QAM	1	25	19.87	19.79	19.86	20.7	1
10	256QAM	1	49	19.64	19.81	19.80		
10	256QAM	25	0	19.87	19.79	19.89		
10	256QAM	25	12	19.62	19.83	19.71	20.7	1
10	256QAM	25	25	19.86	19.76	19.76		
10	256QAM	50	0	19.72	19.80	19.87		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.84	20.89	20.85	21.7	0
5	QPSK	1	12	20.88	20.84	20.84		
5	QPSK	1	24	20.73	20.76	20.84		
5	QPSK	12	0	20.83	20.89	20.85		
5	QPSK	12	7	20.73	20.82	20.70	21.7	0
5	QPSK	12	13	20.82	20.81	20.79		
5	QPSK	25	0	20.72	20.77	20.75		
5	16QAM	1	0	20.82	20.84	20.82		
5	16QAM	1	12	20.77	20.72	20.90	21.7	0
5	16QAM	1	24	20.59	20.73	20.77		
5	16QAM	12	0	20.79	20.84	20.83		
5	16QAM	12	7	20.64	20.77	20.62	21.7	0
5	16QAM	12	13	20.82	20.72	20.67		
5	16QAM	25	0	20.65	20.75	20.67		
5	64QAM	1	0	20.85	20.81	20.81		
5	64QAM	1	12	20.81	20.84	20.82	21.7	0
5	64QAM	1	24	20.68	20.64	20.76		
5	64QAM	12	0	20.78	20.83	20.73		
5	64QAM	12	7	20.63	20.73	20.68	21.7	0
5	64QAM	12	13	20.79	20.70	20.65		
5	64QAM	25	0	20.69	20.70	20.73		
5	256QAM	1	0	19.93	19.84	19.89		
5	256QAM	1	12	19.88	19.80	19.81	20.7	1
5	256QAM	1	24	19.70	19.80	19.80		
5	256QAM	12	0	19.83	19.79	19.89		
5	256QAM	12	7	19.67	19.83	19.75	20.7	1
5	256QAM	12	13	19.91	19.76	19.74		
5	256QAM	25	0	19.73	19.75	19.80		

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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	23.38	23.68	23.50	23.29	24.2	0
20	QPSK	1	49	23.49	23.65	23.60	23.55		
20	QPSK	1	99	23.55	23.54	23.46	23.60		
20	QPSK	50	0	23.41	23.59	23.45	23.53		
20	QPSK	50	24	23.44	23.56	23.54	23.44		
20	QPSK	50	50	23.42	23.55	23.54	23.50		
20	QPSK	100	0	23.44	23.67	23.57	23.47		
20	16QAM	1	0	23.34	23.64	23.49	23.21		
20	16QAM	1	49	23.40	23.62	23.56	23.52	24.2	0
20	16QAM	1	99	23.46	23.44	23.39	23.52		
20	16QAM	50	0	22.90	23.15	22.96	22.74		
20	16QAM	50	24	23.03	23.10	23.07	23.06	23.7	0.5
20	16QAM	50	50	23.01	23.05	23.00	23.07		
20	16QAM	100	0	22.96	23.06	23.00	23.04		
20	64QAM	1	0	22.94	23.05	23.03	22.96		
20	64QAM	1	49	22.93	23.07	23.01	22.99	23.7	0.5
20	64QAM	1	99	22.94	23.22	23.09	23.01		
20	64QAM	50	0	21.84	22.20	21.96	21.80		
20	64QAM	50	24	21.95	22.15	22.11	22.01	22.7	1.5
20	64QAM	50	50	22.09	22.05	21.96	22.15		
20	64QAM	100	0	21.95	22.13	21.90	21.99		
20	256QAM	1	0	19.86	20.20	19.98	19.77		
20	256QAM	1	49	19.97	20.13	20.13	20.00	20.7	3.5
20	256QAM	1	99	20.03	19.99	19.95	20.13		
20	256QAM	50	0	19.94	20.12	19.99	20.06		
20	256QAM	50	24	19.97	20.07	20.08	19.96	20.7	3.5
20	256QAM	50	50	19.93	20.06	20.07	20.02		
20	256QAM	100	0	19.90	20.19	20.06	20.00		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.37	23.63	23.47	23.22	24.2	0
15	QPSK	1	37	23.45	23.56	23.56	23.48		
15	QPSK	1	74	23.49	23.46	23.42	23.56		
15	QPSK	36	0	23.31	23.53	23.38	23.45		
15	QPSK	36	20	23.39	23.54	23.51	23.40	24.2	0
15	QPSK	36	39	23.35	23.54	23.44	23.46		
15	QPSK	75	0	23.33	23.56	23.55	23.42		
15	16QAM	1	0	23.31	23.57	23.45	23.12		
15	16QAM	1	37	23.32	23.55	23.51	23.42	24.2	0
15	16QAM	1	74	23.36	23.34	23.37	23.42		
15	16QAM	36	0	22.83	23.12	22.87	22.70		
15	16QAM	36	20	22.94	23.08	23.02	22.98	23.7	0.5
15	16QAM	36	39	22.97	23.03	22.89	23.05		
15	16QAM	75	0	22.95	22.97	22.95	23.00		
15	64QAM	1	0	22.90	22.99	22.98	22.89		
15	64QAM	1	37	22.85	22.98	22.94	22.95	23.7	0.5
15	64QAM	1	74	22.89	23.21	23.05	22.99		
15	64QAM	36	0	21.77	22.10	21.85	21.72		
15	64QAM	36	20	21.92	22.07	22.07	21.94	22.7	1.5
15	64QAM	36	39	22.03	22.03	21.93	22.13		
15	64QAM	75	0	21.88	22.04	21.84	21.92		
15	256QAM	1	0	19.76	20.13	19.91	19.75		
15	256QAM	1	37	19.96	20.08	20.04	19.98	20.7	3.5
15	256QAM	1	74	19.97	19.93	19.87	20.06		
15	256QAM	36	0	19.85	20.07	19.98	20.01		
15	256QAM	36	20	19.86	20.06	20.05	19.95	20.7	3.5
15	256QAM	36	39	19.89	19.96	20.01	19.92		
15	256QAM	75	0	19.87	20.10	19.95	19.92		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.36	23.64	23.43	23.18	24.2	0
10	QPSK	1	25	23.45	23.63	23.55	23.50		
10	QPSK	1	49	23.48	23.48	23.40	23.52		
10	QPSK	25	0	23.32	23.56	23.42	23.51		
10	QPSK	25	12	23.39	23.54	23.52	23.35	24.2	0
10	QPSK	25	25	23.34	23.45	23.48	23.46		
10	QPSK	50	0	23.40	23.65	23.50	23.41		
10	16QAM	1	0	23.23	23.60	23.43	23.10		
10	16QAM	1	25	23.35	23.56	23.45	23.44	24.2	0
10	16QAM	1	49	23.42	23.34	23.33	23.50		
10	16QAM	25	0	22.86	23.08	22.91	22.63		
10	16QAM	25	12	22.94	23.03	23.05	22.99	23.7	0.5
10	16QAM	25	25	23.00	22.95	22.89	23.03		
10	16QAM	50	0	22.93	22.95	22.91	22.98		
10	64QAM	1	0	22.90	22.99	23.00	22.90		
10	64QAM	1	25	22.89	22.98	22.93	22.97	23.7	0.5
10	64QAM	1	49	22.90	23.16	23.05	23.00		
10	64QAM	25	0	21.79	22.09	21.95	21.73		
10	64QAM	25	12	21.91	22.09	22.08	21.91	22.7	1.5
10	64QAM	25	25	22.03	22.01	21.90	22.05		
10	64QAM	50	0	21.89	22.07	21.88	21.93		
10	256QAM	1	0	19.85	20.16	19.88	19.68		
10	256QAM	1	25	19.90	20.02	20.10	19.91	20.7	3.5
10	256QAM	1	49	19.92	19.94	19.94	20.06		
10	256QAM	25	0	19.86	20.06	19.98	19.99		
10	256QAM	25	12	19.95	20.03	20.01	19.86	20.7	3.5
10	256QAM	25	25	19.82	20.04	20.05	19.98		
10	256QAM	50	0	19.84	20.14	19.98	19.93		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.29	23.60	23.44	23.22	24.2	0
5	QPSK	1	12	23.47	23.62	23.54	23.46		
5	QPSK	1	24	23.47	23.51	23.42	23.53		
5	QPSK	12	0	23.32	23.53	23.37	23.45		
5	QPSK	12	7	23.33	23.53	23.46	23.35	24.2	0
5	QPSK	12	13	23.38	23.49	23.44	23.39		
5	QPSK	25	0	23.34	23.62	23.53	23.41		
5	16QAM	1	0	23.24	23.56	23.40	23.18		
5	16QAM	1	12	23.33	23.57	23.51	23.41	24.2	0
5	16QAM	1	24	23.37	23.37	23.38	23.49		
5	16QAM	12	0	22.80	23.06	22.90	22.63		
5	16QAM	12	7	23.01	23.08	23.04	23.04	23.7	0.5
5	16QAM	12	13	22.97	23.01	22.89	22.98		
5	16QAM	25	0	22.87	23.02	22.97	22.98		
5	64QAM	1	0	22.85	22.96	22.93	22.85		
5	64QAM	1	12	22.92	23.01	22.99	22.98	23.7	0.5
5	64QAM	1	24	22.86	23.21	23.05	22.92		
5	64QAM	12	0	21.75	22.10	21.93	21.79		
5	64QAM	12	7	21.93	22.08	22.03	21.97	22.7	1.5
5	64QAM	12	13	22.05	21.96	21.86	22.09		
5	64QAM	25	0	21.91	22.06	21.79	21.94		
5	256QAM	1	0	19.79	20.17	19.95	19.69		
5	256QAM	1	12	19.90	20.04	20.04	19.93	20.7	3.5
5	256QAM	1	24	20.01	19.90	19.93	20.06		
5	256QAM	12	0	19.91	20.01	19.90	20.01		
5	256QAM	12	7	19.95	20.01	19.98	19.88	20.7	3.5
5	256QAM	12	13	19.83	20.01	19.97	19.92		
5	256QAM	25	0	19.83	20.10	20.02	19.99		

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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				42190	42590	42990		
Frequency (MHz)				3490	3600	3540		
20	QPSK	1	0	20.31	20.33	20.15	21	0
20	QPSK	1	49	20.26	20.30	20.19		
20	QPSK	1	99	20.25	20.32	20.27		
20	QPSK	50	0	19.28	19.47	19.35	20	1
20	QPSK	50	24	19.21	19.45	19.26		
20	QPSK	50	50	19.29	19.34	19.27		
20	QPSK	100	0	19.25	19.30	19.26		
20	16QAM	1	0	19.24	19.32	19.30	20	1
20	16QAM	1	49	19.22	19.33	19.32		
20	16QAM	1	99	19.23	19.28	19.21		
20	16QAM	50	0	18.21	18.32	18.22	19	2
20	16QAM	50	24	18.22	18.32	18.24		
20	16QAM	50	50	18.27	18.32	18.27		
20	16QAM	100	0	18.31	18.34	18.25		
20	64QAM	1	0	18.25	18.36	18.27	19	2
20	64QAM	1	49	18.31	18.36	18.28		
20	64QAM	1	99	18.24	18.33	18.27		
20	64QAM	50	0	17.29	17.35	17.30	18	3
20	64QAM	50	24	17.33	17.35	17.30		
20	64QAM	50	50	17.26	17.31	17.29		
20	64QAM	100	0	17.27	17.35	17.33		
20	256QAM	1	0	15.35	15.38	15.28	16	5
20	256QAM	1	49	15.31	15.34	15.29		
20	256QAM	1	99	15.28	15.36	15.25		
20	256QAM	50	0	15.26	15.34	15.27	16	5
20	256QAM	50	24	15.23	15.34	15.31		
20	256QAM	50	50	15.28	15.38	15.34		
20	256QAM	100	0	15.28	15.33	15.26		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3600	3542.5		
15	QPSK	1	0	20.22	20.27	20.08	21	0
15	QPSK	1	37	20.23	20.25	20.11		
15	QPSK	1	74	20.18	20.30	20.24		
15	QPSK	36	0	19.18	19.28	19.32	20	1
15	QPSK	36	20	19.15	19.30	19.20		
15	QPSK	36	39	19.25	19.24	19.18		
15	QPSK	75	0	19.20	19.23	19.20		
15	16QAM	1	0	19.17	19.26	19.21	20	1
15	16QAM	1	37	19.13	19.23	19.28		
15	16QAM	1	74	19.15	19.22	19.11		
15	16QAM	36	0	18.12	18.30	18.14	19	2
15	16QAM	36	20	18.12	18.30	18.15		
15	16QAM	36	39	18.18	18.31	18.18		
15	16QAM	75	0	18.25	18.31	18.20		
15	64QAM	1	0	18.14	18.35	18.19	19	2
15	64QAM	1	37	18.22	18.35	18.26		
15	64QAM	1	74	18.19	18.23	18.24		
15	64QAM	36	0	17.28	17.30	17.22	18	3
15	64QAM	36	20	17.23	17.26	17.27		
15	64QAM	36	39	17.15	17.24	17.25		
15	64QAM	75	0	17.26	17.27	17.25		
15	256QAM	1	0	15.33	15.35	15.24	16	5
15	256QAM	1	37	15.28	15.27	15.24		
15	256QAM	1	74	15.19	15.25	15.18		
15	256QAM	36	0	15.16	15.24	15.17	16	5
15	256QAM	36	20	15.19	15.28	15.27		
15	256QAM	36	39	15.20	15.27	15.26		
15	256QAM	75	0	15.26	15.25	15.23		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3600	3545		
10	QPSK	1	0	20.26	20.30	20.07	21	0
10	QPSK	1	25	20.20	20.23	20.17		
10	QPSK	1	49	20.19	20.29	20.26		
10	QPSK	25	0	19.19	19.35	19.28	20	1
10	QPSK	25	12	19.13	19.29	19.18		
10	QPSK	25	25	19.26	19.33	19.18		
10	QPSK	50	0	19.24	19.24	19.20		
10	16QAM	1	0	19.18	19.29	19.25	20	1
10	16QAM	1	25	19.18	19.32	19.26		
10	16QAM	1	49	19.13	19.18	19.19		
10	16QAM	25	0	18.17	18.25	18.15	19	2
10	16QAM	25	12	18.20	18.27	18.19		
10	16QAM	25	25	18.21	18.21	18.26		
10	16QAM	50	0	18.20	18.24	18.19		
10	64QAM	1	0	18.16	18.26	18.23	19	2
10	64QAM	1	25	18.24	18.27	18.25		
10	64QAM	1	49	18.20	18.24	18.16		
10	64QAM	25	0	17.18	17.27	17.19	18	3
10	64QAM	25	12	17.29	17.29	17.26		
10	64QAM	25	25	17.21	17.28	17.23		
10	64QAM	50	0	17.19	17.27	17.29		
10	256QAM	1	0	15.29	15.30	15.25	16	5
10	256QAM	1	25	15.22	15.26	15.24		
10	256QAM	1	49	15.20	15.26	15.19		
10	256QAM	25	0	15.20	15.31	15.24	16	5
10	256QAM	25	12	15.22	15.30	15.25		
10	256QAM	25	25	15.18	15.33	15.33		
10	256QAM	50	0	15.24	15.30	15.16		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3600	3547.5		
5	QPSK	1	0	20.29	20.31	20.07	21	0
5	QPSK	1	12	20.17	20.21	20.12		
5	QPSK	1	24	20.19	20.25	20.19		
5	QPSK	12	0	19.19	19.28	19.27	20	1
5	QPSK	12	7	19.20	19.26	19.19		
5	QPSK	12	13	19.26	19.33	19.25		
5	QPSK	25	0	19.15	19.28	19.20		
5	16QAM	1	0	19.14	19.21	19.20	20	1
5	16QAM	1	12	19.21	19.26	19.30		
5	16QAM	1	24	19.19	19.20	19.19		
5	16QAM	12	0	18.12	18.31	18.20	19	2
5	16QAM	12	7	18.12	18.23	18.16		
5	16QAM	12	13	18.20	18.31	18.16		
5	16QAM	25	0	18.23	18.27	18.19		
5	64QAM	1	0	18.14	18.27	18.25	19	2
5	64QAM	1	12	18.26	18.29	18.18		
5	64QAM	1	24	18.18	18.24	18.17		
5	64QAM	12	0	17.26	17.25	17.23	18	3
5	64QAM	12	7	17.25	17.29	17.20		
5	64QAM	12	13	17.21	17.22	17.26		
5	64QAM	25	0	17.24	17.32	17.27		
5	256QAM	1	0	15.33	15.28	15.21	16	5
5	256QAM	1	12	15.20	15.31	15.18		
5	256QAM	1	24	15.23	15.33	15.16		
5	256QAM	12	0	15.20	15.26	15.23	16	5
5	256QAM	12	7	15.22	15.27	15.24		
5	256QAM	12	13	15.27	15.31	15.31		
5	256QAM	25	0	15.19	15.31	15.20		

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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	20.01	20.23	19.91	19.96	21.5	0
20	QPSK	1	49	20.15	20.17	20.13	20.14		
20	QPSK	1	99	20.10	20.14	20.07	20.06		
20	QPSK	50	0	19.18	19.35	19.17	19.10	20.5	1
20	QPSK	50	24	19.02	19.31	19.01	19.04		
20	QPSK	50	50	19.12	19.18	19.19	19.14		
20	QPSK	100	0	19.14	19.17	19.15	19.15		
20	16QAM	1	0	19.00	19.05	19.00	18.95	20.5	1
20	16QAM	1	49	18.95	18.97	18.91	18.91		
20	16QAM	1	99	18.93	19.01	18.91	18.93		
20	16QAM	50	0	18.16	18.18	18.13	18.12	19.5	2
20	16QAM	50	24	18.04	18.09	18.00	18.00		
20	16QAM	50	50	18.10	18.13	18.04	18.03		
20	16QAM	100	0	18.16	18.18	18.09	18.16		
20	64QAM	1	0	18.18	18.24	18.22	18.14	19.5	2
20	64QAM	1	49	18.08	18.10	18.04	18.00		
20	64QAM	1	99	18.07	18.11	18.05	18.07		
20	64QAM	50	0	17.11	17.19	17.08	17.15	18.5	3
20	64QAM	50	24	17.04	17.13	17.09	17.04		
20	64QAM	50	50	17.12	17.17	17.11	17.15		
20	64QAM	100	0	17.09	17.20	17.13	17.17		
20	256QAM	1	0	15.21	15.27	15.17	15.20	16.5	5
20	256QAM	1	49	15.18	15.22	15.13	15.12		
20	256QAM	1	99	15.17	15.18	15.17	15.10		
20	256QAM	50	0	15.29	15.36	15.34	15.32	16.5	5
20	256QAM	50	24	15.24	15.32	15.19	15.29		
20	256QAM	50	50	15.18	15.20	15.18	15.21		
20	256QAM	100	0	15.24	15.32	15.22	15.30		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.96	20.14	19.85	19.89	21.5	0
15	QPSK	1	37	20.11	20.09	20.09	20.06		
15	QPSK	1	74	20.00	20.09	20.01	19.99		
15	QPSK	36	0	19.10	19.11	19.11	19.02	20.5	1
15	QPSK	36	20	18.97	19.09	18.93	18.93		
15	QPSK	36	39	19.05	19.17	19.08	19.08		
15	QPSK	75	0	19.07	19.11	19.06	19.07		
15	16QAM	1	0	18.94	19.04	18.97	18.84	20.5	1
15	16QAM	1	37	18.85	18.92	18.80	18.81		
15	16QAM	1	74	18.83	18.95	18.89	18.92		
15	16QAM	36	0	18.10	18.14	18.03	18.06	19.5	2
15	16QAM	36	20	18.01	18.01	17.96	17.98		
15	16QAM	36	39	18.05	18.04	18.02	17.97		
15	16QAM	75	0	18.06	18.16	18.05	18.08		
15	64QAM	1	0	18.07	18.22	18.16	18.06	19.5	2
15	64QAM	1	37	17.98	18.00	18.02	17.99		
15	64QAM	1	74	17.97	18.08	17.98	17.97		
15	64QAM	36	0	17.05	17.15	17.06	17.07	18.5	3
15	64QAM	36	20	16.96	17.07	16.99	17.01		
15	64QAM	36	39	17.11	17.12	17.07	17.05		
15	64QAM	75	0	17.06	17.12	17.06	17.14		
15	256QAM	1	0	15.17	15.21	15.09	15.15	16.5	5
15	256QAM	1	37	15.11	15.21	15.03	15.06		
15	256QAM	1	74	15.10	15.08	15.12	15.04		
15	256QAM	36	0	15.19	15.29	15.23	15.27	16.5	5
15	256QAM	36	20	15.17	15.29	15.17	15.25		
15	256QAM	36	39	15.14	15.09	15.10	15.12		
15	256QAM	75	0	15.16	15.23	15.19	15.24		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.95	20.13	19.82	19.93	21.5	0
10	QPSK	1	25	20.14	20.14	20.05	20.10		
10	QPSK	1	49	20.00	20.12	20.00	19.95		
10	QPSK	25	0	19.12	19.12	19.12	19.08	20.5	1
10	QPSK	25	12	18.99	19.03	18.94	18.96		
10	QPSK	25	25	19.10	19.10	19.09	19.11		
10	QPSK	50	0	19.07	19.11	19.12	19.14		
10	16QAM	1	0	18.96	19.02	18.98	18.94	20.5	1
10	16QAM	1	25	18.89	18.91	18.89	18.83		
10	16QAM	1	49	18.89	18.91	18.80	18.82		
10	16QAM	25	0	18.08	18.07	18.07	18.02	19.5	2
10	16QAM	25	12	17.99	17.98	17.94	17.93		
10	16QAM	25	25	18.05	18.06	17.93	17.95		
10	16QAM	50	0	18.10	18.08	18.02	18.10		
10	64QAM	1	0	18.12	18.14	18.15	18.09	19.5	2
10	64QAM	1	25	18.05	18.03	17.97	17.97		
10	64QAM	1	49	18.01	18.03	17.98	18.01		
10	64QAM	25	0	17.02	17.11	16.98	17.05	18.5	3
10	64QAM	25	12	16.95	17.08	17.01	16.99		
10	64QAM	25	25	17.10	17.07	17.06	17.08		
10	64QAM	50	0	17.07	17.10	17.04	17.07		
10	256QAM	1	0	15.15	15.21	15.14	15.12	16.5	5
10	256QAM	1	25	15.14	15.16	15.11	15.09		
10	256QAM	1	49	15.12	15.17	15.15	15.08		
10	256QAM	25	0	15.26	15.28	15.27	15.27	16.5	5
10	256QAM	25	12	15.16	15.25	15.11	15.25		
10	256QAM	25	25	15.10	15.10	15.12	15.18		
10	256QAM	50	0	15.17	15.28	15.16	15.20		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.92	20.15	19.86	19.85	21.5	0
5	QPSK	1	12	20.11	20.12	20.11	20.12		
5	QPSK	1	24	20.01	20.07	20.04	19.97		
5	QPSK	12	0	19.10	19.16	19.14	19.07	20.5	1
5	QPSK	12	7	18.95	19.02	18.98	19.03		
5	QPSK	12	13	19.03	19.11	19.06	19.04		
5	QPSK	25	0	19.04	19.07	19.11	19.10		
5	16QAM	1	0	18.96	18.95	18.98	18.86	20.5	1
5	16QAM	1	12	18.92	18.88	18.84	18.85		
5	16QAM	1	24	18.89	18.93	18.85	18.82		
5	16QAM	12	0	18.14	18.16	18.12	18.07	19.5	2
5	16QAM	12	7	18.03	18.00	17.92	17.93		
5	16QAM	12	13	17.99	18.05	18.02	17.92		
5	16QAM	25	0	18.12	18.13	18.04	18.10	19.5	2
5	64QAM	1	0	18.10	18.22	18.19	18.12		
5	64QAM	1	12	17.99	18.07	17.98	17.93		
5	64QAM	1	24	18.00	18.02	17.98	18.03		
5	64QAM	12	0	17.08	17.11	17.05	17.12	18.5	3
5	64QAM	12	7	16.95	17.07	17.06	17.00		
5	64QAM	12	13	17.07	17.07	17.04	17.13		
5	64QAM	25	0	17.06	17.15	17.06	17.15		
5	256QAM	1	0	15.15	15.18	15.14	15.17	16.5	5
5	256QAM	1	12	15.09	15.14	15.07	15.06		
5	256QAM	1	24	15.12	15.12	15.15	15.09		
5	256QAM	12	0	15.18	15.30	15.26	15.25	16.5	5
5	256QAM	12	7	15.23	15.31	15.11	15.24		
5	256QAM	12	13	15.16	15.11	15.10	15.12		
5	256QAM	25	0	15.19	15.31	15.14	15.19		

Reduced Power Mode for SA DSI 3

GSM850 Ant0 DSI3

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.84	32.90	32.87	34.50	23.84	23.90	23.87	25.50
GPRS 1 Tx slot	32.89	32.91	32.81	34.50	23.89	23.91	23.81	25.50
GPRS 2 Tx slots	30.16	30.18	30.17	31.50	24.16	24.18	24.17	25.50
GPRS 3 Tx slots	28.23	28.31	28.22	29.70	23.97	24.05	23.96	25.44
GPRS 4 Tx slots	27.13	27.15	27.08	28.50	24.13	24.15	24.08	25.50
EDGE 1 Tx slot	27.29	27.31	27.28	28.50	18.29	18.31	18.28	19.50
EDGE 2 Tx slots	24.91	24.94	24.91	25.50	18.91	18.94	18.91	19.50
EDGE 3 Tx slots	23.13	23.18	23.16	23.70	18.87	18.92	18.90	19.44
EDGE 4 Tx slots	21.68	21.73	21.72	22.50	18.68	18.73	18.72	19.50

		WCDMA V Ant0 DSI3				WCDMA IV Ant0 DSI3			
Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.85	24.84	24.82	25.70	21.94	22.07	22.00	23.80
3GPP Rel 99	RMC 12.2Kbps	24.91	24.95	24.93	25.70	22.02	22.15	22.01	23.80
3GPP Rel 6	HSDPA Subtest-1	23.71	24.01	23.75	24.70	21.11	21.41	21.14	22.80
3GPP Rel 6	HSDPA Subtest-2	23.66	23.86	23.82	24.70	21.05	21.23	21.25	22.80
3GPP Rel 6	HSDPA Subtest-3	23.16	23.27	23.21	24.20	20.57	20.70	20.60	22.30
3GPP Rel 6	HSDPA Subtest-4	23.31	23.25	23.16	24.20	20.69	20.68	20.60	22.30
3GPP Rel 8	DC-HSDPA Subtest-1	23.61	23.69	23.63	24.70	21.01	21.13	21.05	22.80
3GPP Rel 8	DC-HSDPA Subtest-2	23.64	23.85	23.73	24.70	21.03	21.21	21.15	22.80
3GPP Rel 8	DC-HSDPA Subtest-3	23.33	23.36	23.30	24.20	20.73	20.76	20.74	22.30
3GPP Rel 8	DC-HSDPA Subtest-4	23.36	23.25	23.17	24.20	20.74	20.68	20.55	22.30
3GPP Rel 6	HSUPA Subtest-1	23.79	24.00	23.80	24.70	21.19	21.36	21.24	22.80
3GPP Rel 6	HSUPA Subtest-2	21.77	21.76	21.89	22.70	19.19	19.18	19.29	20.80
3GPP Rel 6	HSUPA Subtest-3	22.75	22.90	22.80	23.70	20.16	20.30	20.22	21.80
3GPP Rel 6	HSUPA Subtest-4	21.63	21.94	21.62	22.70	19.04	19.31	19.06	20.80
3GPP Rel 6	HSUPA Subtest-5	23.55	23.88	23.76	24.70	20.99	21.30	21.14	22.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.27	21.32	21.21	22.20	18.63	18.68	18.57	20.30

Band 4 Ant0 Other PA DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.43	22.7	22.47		
20	QPSK	1	49	22.4	22.54	22.57	23.2	0
20	QPSK	1	99	22.4	22.53	22.58		
20	QPSK	50	0	22.46	22.65	22.55		
20	QPSK	50	24	22.47	22.64	22.56	23.2	0
20	QPSK	50	50	22.53	22.59	22.51		
20	QPSK	100	0	22.44	22.57	22.46		
20	16QAM	1	0	22.41	22.68	22.4		
20	16QAM	1	49	22.32	22.43	22.49	23.2	0
20	16QAM	1	99	22.35	22.48	22.47		
20	16QAM	50	0	22.39	22.63	22.46		
20	16QAM	50	24	22.45	22.58	22.52	23.2	0
20	16QAM	50	50	22.51	22.55	22.44		
20	16QAM	100	0	22.34	22.51	22.38		
20	64QAM	1	0	22.39	22.63	22.38		
20	64QAM	1	49	22.36	22.48	22.49	23.2	0
20	64QAM	1	99	22.3	22.52	22.49		
20	64QAM	50	0	21.9	22.18	22		
20	64QAM	50	24	21.87	22.06	22.06	22.7	0.5
20	64QAM	50	50	21.87	22.02	22.11		
20	64QAM	100	0	21.98	22.2	22.07		
20	256QAM	1	0	19.95	20.23	19.96		
20	256QAM	1	49	19.94	20.08	20.05	20.7	2.5
20	256QAM	1	99	19.91	20.03	20.08		
20	256QAM	50	0	19.95	20.17	20.02		
20	256QAM	50	24	19.97	20.11	20.08	20.7	2.5
20	256QAM	50	50	20.08	20.05	19.99		
20	256QAM	100	0	19.97	20.08	19.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.35	22.64	22.37		
15	QPSK	1	37	22.39	22.45	22.53	23.2	0
15	QPSK	1	74	22.37	22.49	22.47		
15	QPSK	36	0	22.38	22.62	22.46		
15	QPSK	36	20	22.39	22.57	22.52	23.2	0
15	QPSK	36	39	22.52	22.5	22.48		
15	QPSK	75	0	22.37	22.52	22.44		
15	16QAM	1	0	22.33	22.62	22.36		
15	16QAM	1	37	22.25	22.4	22.38	23.2	0
15	16QAM	1	74	22.31	22.45	22.43		
15	16QAM	36	0	22.37	22.61	22.43		
15	16QAM	36	20	22.34	22.49	22.49	23.2	0
15	16QAM	36	39	22.48	22.47	22.37		
15	16QAM	75	0	22.27	22.43	22.32		
15	64QAM	1	0	22.37	22.54	22.29		
15	64QAM	1	37	22.3	22.4	22.41	23.2	0
15	64QAM	1	74	22.23	22.47	22.4		
15	64QAM	36	0	21.83	22.16	21.94		
15	64QAM	36	20	21.83	21.97	22.03	22.7	0.5
15	64QAM	36	39	21.81	21.97	22.07		
15	64QAM	75	0	21.95	22.11	21.99		
15	256QAM	1	0	19.91	20.14	19.86		
15	256QAM	1	37	19.91	20.05	19.96	20.7	2.5
15	256QAM	1	74	19.84	20	19.98		
15	256QAM	36	0	19.86	20.12	19.97		
15	256QAM	36	20	19.87	20.04	20.06	20.7	2.5
15	256QAM	36	39	19.98	20	19.89		
15	256QAM	75	0	19.93	20.01	19.83		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.37	22.62	22.39		
10	QPSK	1	25	22.38	22.48	22.46	23.2	0
10	QPSK	1	49	22.3	22.5	22.55		
10	QPSK	25	0	22.37	22.64	22.5		
10	QPSK	25	12	22.43	22.56	22.53	23.2	0
10	QPSK	25	25	22.49	22.51	22.46		
10	QPSK	50	0	22.38	22.47	22.36		
10	16QAM	1	0	22.31	22.63	22.29		
10	16QAM	1	25	22.28	22.4	22.46	23.2	0
10	16QAM	1	49	22.26	22.46	22.36		
10	16QAM	25	0	22.36	22.59	22.43		
10	16QAM	25	12	22.36	22.56	22.45	23.2	0
10	16QAM	25	25	22.45	22.51	22.35		
10	16QAM	50	0	22.26	22.46	22.3		
10	64QAM	1	0	22.31	22.61	22.29		
10	64QAM	1	25	22.25	22.46	22.41	23.2	0
10	64QAM	1	49	22.28	22.48	22.44		
10	64QAM	25	0	21.83	22.12	21.99		
10	64QAM	25	12	21.79	21.98	21.97	22.7	0.5
10	64QAM	25	25	21.79	21.98	22.07		
10	64QAM	50	0	21.95	22.1	22.01		
10	256QAM	1	0	19.93	20.2	19.91		
10	256QAM	1	25	19.85	20.06	19.97	20.7	2.5
10	256QAM	1	49	19.82	20.02	20.03		
10	256QAM	25	0	19.9	20.15	19.98		
10	256QAM	25	12	19.92	20.01	20.05	20.7	2.5
10	256QAM	25	25	20.06	19.96	19.93		
10	256QAM	50	0	19.91	20.04	19.83		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.33	22.6	22.4		
5	QPSK	1	12	22.35	22.51	22.54	23.2	0
5	QPSK	1	24	22.37	22.45	22.49		
5	QPSK	12	0	22.41	22.55	22.45		
5	QPSK	12	7	22.36	22.56	22.49	23.2	0
5	QPSK	12	13	22.48	22.57	22.41		
5	QPSK	25	0	22.41	22.49	22.36		
5	16QAM	1	0	22.34	22.66	22.39		
5	16QAM	1	12	22.22	22.36	22.46	23.2	0
5	16QAM	1	24	22.32	22.43	22.39		
5	16QAM	12	0	22.3	22.57	22.4		
5	16QAM	12	7	22.42	22.52	22.47	23.2	0
5	16QAM	12	13	22.43	22.42	22.33		
5	16QAM	25	0	22.33	22.41	22.35		
5	64QAM	1	0	22.28	22.56	22.3		
5	64QAM	1	12	22.25	22.38	22.39	23.2	0
5	64QAM	1	24	22.27	22.49	22.43		
5	64QAM	12	0	21.89	22.12	21.93		
5	64QAM	12	7	21.82	21.96	21.97	22.7	0.5
5	64QAM	12	13	21.8	21.99	22.03		
5	64QAM	25	0	21.93	22.12	21.97		
5	256QAM	1	0	19.87	20.15	19.85		
5	256QAM	1	12	19.87	20.01	20.03	20.7	2.5
5	256QAM	1	24	19.85	19.95	20.07		
5	256QAM	12	0	19.92	20.14	19.97		
5	256QAM	12	7	19.95	20.03	19.97	20.7	2.5
5	256QAM	12	13	19.98	19.98	19.98		
5	256QAM	25	0	19.93	20.02	19.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.32	22.67	22.44		
3	QPSK	1	8	22.34	22.44	22.54	23.2	0
3	QPSK	1	14	22.35	22.51	22.51		
3	QPSK	8	0	22.38	22.62	22.47		
3	QPSK	8	4	22.43	22.55	22.48	23.2	0
3	QPSK	8	7	22.5	22.53	22.46		
3	QPSK	15	0	22.37	22.49	22.38		
3	16QAM	1	0	22.34	22.6	22.39		
3	16QAM	1	8	22.25	22.38	22.45	23.2	0
3	16QAM	1	14	22.31	22.41	22.46		
3	16QAM	8	0	22.32	22.53	22.42		
3	16QAM	8	4	22.35	22.53	22.51	23.2	0
3	16QAM	8	7	22.46	22.53	22.43		
3	16QAM	15	0	22.24	22.4	22.32		
3	64QAM	1	0	22.3	22.56	22.32		
3	64QAM	1	8	22.31	22.45	22.47	23.2	0
3	64QAM	1	14	22.23	22.48	22.48		
3	64QAM	8	0	21.83	22.15	21.96		
3	64QAM	8	4	21.81	21.96	22.01	22.7	0.5
3	64QAM	8	7	21.85	22.01	22.07		
3	64QAM	15	0	21.9	22.09	21.97		
3	256QAM	1	0	19.94	20.15	19.94		
3	256QAM	1	8	19.85	20.01	20.01	20.7	2.5
3	256QAM	1	14	19.81	19.99	20.06		
3	256QAM	8	0	19.92	20.16	20.01		
3	256QAM	8	4	19.92	20.03	20.02	20.7	2.5
3	256QAM	8	7	20.06	19.94	19.92		
3	256QAM	15	0	19.88	19.97	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	22.35	22.65	22.45		
1.4	QPSK	1	3	22.36	22.48	22.56		
1.4	QPSK	1	5	22.35	22.45	22.47	23.2	0
1.4	QPSK	3	0	22.4	22.6	22.48		
1.4	QPSK	3	1	22.4	22.53	22.46		
1.4	QPSK	3	3	22.42	22.53	22.46		
1.4	QPSK	6	0	22.35	22.53	22.4	23.2	0
1.4	16QAM	1	0	22.37	22.61	22.36		
1.4	16QAM	1	3	22.28	22.41	22.43		
1.4	16QAM	1	5	22.34	22.47	22.4	23.2	0
1.4	16QAM	3	0	22.28	22.6	22.45		
1.4	16QAM	3	1	22.43	22.53	22.51		
1.4	16QAM	3	3	22.47	22.53	22.37		
1.4	16QAM	6	0	22.3	22.5	22.31	23.2	0
1.4	64QAM	1	0	22.3	22.59	22.35		
1.4	64QAM	1	3	22.34	22.47	22.41		
1.4	64QAM	1	5	22.27	22.5	22.39	23.2	0
1.4	64QAM	3	0	21.86	22.11	21.95		
1.4	64QAM	3	1	21.81	21.96	22.04		
1.4	64QAM	3	3	21.86	22	22.07		
1.4	64QAM	6	0	21.95	22.17	22.03	22.7	0.5
1.4	256QAM	1	0	19.89	20.14	19.9		
1.4	256QAM	1	3	19.85	20.07	20.01		
1.4	256QAM	1	5	19.9	20.01	19.99	20.7	2.5
1.4	256QAM	3	0	19.88	20.07	20		
1.4	256QAM	3	1	19.86	20.09	19.99		
1.4	256QAM	3	3	19.98	19.95	19.9		
1.4	256QAM	6	0	19.94	20.02	19.81	20.7	2.5

Band 5 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.89	24.93	24.9		
10	QPSK	1	25	24.87	24.89	24.84	25.7	0
10	QPSK	1	49	24.77	24.82	24.74		
10	QPSK	25	0	23.87	23.79	23.71		
10	QPSK	25	12	23.71	23.78	23.72	24.7	1
10	QPSK	25	25	23.65	23.72	23.69		
10	QPSK	50	0	23.78	23.81	23.79		
10	16QAM	1	0	24.02	24.07	24.01		
10	16QAM	1	25	23.89	23.99	23.9	24.7	1
10	16QAM	1	49	23.93	23.98	23.9		
10	16QAM	25	0	23.78	23.88	23.79		
10	16QAM	25	12	22.75	22.83	22.72	23.7	2
10	16QAM	25	25	22.77	22.79	22.73		
10	16QAM	50	0	22.77	22.84	22.76		
10	64QAM	1	0	23.02	23.09	23		
10	64QAM	1	25	22.76	22.79	22.76	23.7	2
10	64QAM	1	49	22.81	22.83	22.79		
10	64QAM	25	0	21.9	21.96	21.91		
10	64QAM	25	12	21.83	21.94	21.9	22.7	3
10	64QAM	25	25	21.89	21.93	21.85		
10	64QAM	50	0	21.84	21.89	21.85		
10	256QAM	1	0	19.71	19.81	19.76		
10	256QAM	1	25	19.67	19.73	19.7	20.7	5
10	256QAM	1	49	19.67	19.76	19.74		
10	256QAM	25	0	19.89	19.77	19.69		
10	256QAM	25	12	19.7	19.76	19.71	20.7	5
10	256QAM	25	25	19.67	19.75	19.66		
10	256QAM	50	0	19.71	19.79	19.71		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.79	24.85	24.88		
5	QPSK	1	12	24.83	24.83	24.79	25.7	0
5	QPSK	1	24	24.71	24.77	24.7		
5	QPSK	12	0	23.81	23.67	23.65		
5	QPSK	12	7	23.67	23.66	23.64	24.7	1
5	QPSK	12	13	23.64	23.63	23.65		
5	QPSK	25	0	23.67	23.8	23.74		
5	16QAM	1	0	23.94	24.05	23.97		
5	16QAM	1	12	23.85	23.95	23.85	24.7	1
5	16QAM	1	24	23.91	23.88	23.82		
5	16QAM	12	0	22.7	22.78	22.74		
5	16QAM	12	7	22.64	22.77	22.64	23.7	2
5	16QAM	12	13	22.68	22.69	22.64		
5	16QAM	25	0	22.74	22.78	22.69		
5	64QAM	1	0	22.93	23.02	22.95		
5	64QAM	1	12	22.75	22.74	22.7	23.7	2
5	64QAM	1	24	22.73	22.82	22.76		
5	64QAM	12	0	21.84	21.89	21.89		
5	64QAM	12	7	21.73	21.87	21.84	22.7	3
5	64QAM	12	13	21.87	21.86	21.77		
5	64QAM	25	0	21.75	21.85	21.83		
5	256QAM	1	0	19.66	19.8	19.66		
5	256QAM	1	12	19.62	19.68	19.66	20.7	5
5	256QAM	1	24	19.57	19.65	19.66		
5	256QAM	12	0	19.61	19.72	19.58		
5	256QAM	12	7	19.62	19.71	19.63	20.7	5
5	256QAM	12	13	19.61	19.65	19.63		
5	256QAM	25	0	19.66	19.77	19.63		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				823.5	836.5	847.5		
3	QPSK	1	0	24.81	24.83	24.83		
3	QPSK	1	8	24.8	24.82	24.82	25.7	0
3	QPSK	1	14	24.68	24.72	24.64		
3	QPSK	8	0	23.63	23.68	23.69		
3	QPSK	8	4	23.62	23.7	23.62	24.7	1
3	QPSK	8	7	23.58	23.66	23.67		
3	QPSK	15	0	23.72	23.74	23.72		
3	16QAM	1	0	23.97	24	23.96		
3	16QAM	1	8	23.84	23.92	23.85	24.7	1
3	16QAM	1	14	23.87	23.87	23.87		
3	16QAM	8	0	22.71	22.81	22.72		
3	16QAM	8	4	22.65	22.77	22.69		
3	16QAM	8	7	22.69	22.71	22.65	23.7	2
3	16QAM	15	0	22.71	22.79	22.69		
3	64QAM	1	0	22.94	23.02	22.93		
3	64QAM	1	8	22.67	22.76	22.71	23.7	2
3	64QAM	1	14	22.75	22.76	22.71		
3	64QAM	8	0	21.88	21.87	21.89		
3	64QAM	8	4	21.79	21.91	21.84	22.7	3
3	64QAM	8	7	21.86	21.89	21.82		
3	64QAM	15	0	21.81	21.86	21.8		
3	256QAM	1	0	19.63	19.74	19.66		
3	256QAM	1	8	19.58	19.64	19.67	20.7	5
3	256QAM	1	14	19.59	19.75	19.7		
3	256QAM	8	0	19.58	19.75	19.58		
3	256QAM	8	4	19.61	19.67	19.64	20.7	5
3	256QAM	8	7	19.6	19.71	19.63		
3	256QAM	15	0	19.69	19.73	19.63		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.75	24.8	24.87		
1.4	QPSK	1	3	24.79	24.7	24.82		
1.4	QPSK	1	5	24.62	24.8	24.6	25.7	0
1.4	QPSK	3	0	24.81	24.84	24.8		
1.4	QPSK	3	1	24.74	24.74	24.65		
1.4	QPSK	3	3	24.61	24.72	24.62		
1.4	QPSK	6	0	23.7	23.73	23.73	24.7	1
1.4	16QAM	1	0	23.99	24.02	23.93		
1.4	16QAM	1	3	23.89	23.89	23.89		
1.4	16QAM	1	5	23.87	23.96	23.8	24.7	1
1.4	16QAM	3	0	23.63	23.71	23.71		
1.4	16QAM	3	1	23.62	23.68	23.67		
1.4	16QAM	3	3	23.68	23.7	23.64		
1.4	16QAM	6	0	22.67	22.75	22.69	23.7	2
1.4	64QAM	1	0	22.94	22.98	22.98		
1.4	64QAM	1	3	22.74	22.74	22.7		
1.4	64QAM	1	5	22.73	22.79	22.77	23.7	2
1.4	64QAM	3	0	22.6	22.71	22.66		
1.4	64QAM	3	1	22.58	22.68	22.66		
1.4	64QAM	3	3	22.62	22.65	22.61		
1.4	64QAM	6	0	21.8	21.81	21.82	22.7	3
1.4	256QAM	1	0	19.65	19.74	19.69		
1.4	256QAM	1	3	19.59	19.72	19.61		
1.4	256QAM	1	5	19.62	19.72	19.63	20.7	5
1.4	256QAM	3	0	19.64	19.75	19.66		
1.4	256QAM	3	1	19.69	19.72	19.62		
1.4	256QAM	3	3	19.62	19.67	19.63		
1.4	256QAM	6	0	19.63	19.71	19.64	20.7	5

Band 7 Ant0 Other PA DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.04	24.16	23.95		
20	QPSK	1	49	24.15	24.14	24.07	24.7	0
20	QPSK	1	99	24.08	24.17	23.96		
20	QPSK	50	0	23.12	23.16	22.97		
20	QPSK	50	24	23.02	23.15	23.09	24.7	0
20	QPSK	50	50	22.96	23.09	23.01		
20	QPSK	100	0	22.96	23.04	22.72		
20	16QAM	1	0	23.96	24.06	23.84		
20	16QAM	1	49	24.12	24.05	23.98	24.7	0
20	16QAM	1	99	23.92	24.05	23.89		
20	16QAM	50	0	23.08	23.17	22.96		
20	16QAM	50	24	23.13	23.19	23.11	23.7	1
20	16QAM	50	50	22.97	23.1	22.95		
20	16QAM	100	0	22.98	22.17	22		
20	64QAM	1	0	22.06	22.2	22.12		
20	64QAM	1	49	21.92	22.05	21.96	23.7	1
20	64QAM	1	99	21.74	21.74	21.76		
20	64QAM	50	0	22	22.14	21.94		
20	64QAM	50	24	22.12	22.15	22.08	22.7	2
20	64QAM	50	50	21.97	22.09	21.97		
20	64QAM	100	0	21.15	21.17	20.95		
20	256QAM	1	0	20.04	20.2	19.98		
20	256QAM	1	49	20.14	20.11	20.08	20.7	4
20	256QAM	1	99	20	20.13	20		
20	256QAM	50	0	19.15	19.15	19.01		
20	256QAM	50	24	19.06	19.12	19.12	20.7	4
20	256QAM	50	50	18.98	19.08	18.99		
20	256QAM	100	0	18.71	18.71	18.75		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.96	24.06	23.86		
15	QPSK	1	37	24.14	24.03	24.01	24.7	0
15	QPSK	1	74	23.92	24.01	23.92		
15	QPSK	36	0	23.08	23.08	22.95		
15	QPSK	36	20	22.96	23.08	23.05	24.7	0
15	QPSK	36	39	22.99	23.03	22.8		
15	QPSK	75	0	23.05	22.7	23.08		
15	16QAM	1	0	23.9	23.98	23.8		
15	16QAM	1	37	24.07	24.01	23.95	24.7	0
15	16QAM	1	74	23.87	23.99	23.82		
15	16QAM	36	0	23.01	23.16	22.95		
15	16QAM	36	20	23.09	23.15	23.02	23.7	1
15	16QAM	36	39	22.96	23.07	22.92		
15	16QAM	75	0	22.91	22.12	22.97		
15	64QAM	1	0	22.04	22.12	22.02		
15	64QAM	1	37	21.88	22.03	21.92	23.7	1
15	64QAM	1	74	21.92	21.72	21.72		
15	64QAM	36	0	21.96	22.13	21.88		
15	64QAM	36	20	22.09	22.13	22.07	22.7	2
15	64QAM	36	39	21.91	22.08	21.9		
15	64QAM	75	0	21.09	21.07	20.9		
15	256QAM	1	0	19.99	20.11	19.94		
15	256QAM	1	37	20.12	20.07	20.04	20.7	4
15	256QAM	1	74	19.95	20.03	19.98		
15	256QAM	36	0	19.1	19.05	18.93		
15	256QAM	36	20	18.96	19.03	19.06	20.7	4
15	256QAM	36	39	18.9	19.03	18.97		
15	256QAM	75	0	18.97	18.96	18.72		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.98	24.11	23.87		
10	QPSK	1	25	24.13	24.09	24.04	24.7	0
10	QPSK	1	49	23.88	24.04	23.92		
10	QPSK	25	0	23.06	23.12	22.93		
10	QPSK	25	12	22.96	23.1	22.99	24.7	0
10	QPSK	25	25	22.88	23.02	22.95		
10	QPSK	50	0	22.93	22.72	22.93		
10	16QAM	1	0	23.87	23.99	23.79		
10	16QAM	1	25	24.04	23.96	23.92	24.7

Band 17 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.71	24.77	24.69	25.7	0
10	QPSK	1	25	24.73	24.75	24.71		
10	QPSK	1	49	24.68	24.73	24.68		
10	QPSK	25	0	23.66	23.76	23.69		
10	QPSK	25	12	23.56	23.75	23.53	24.7	1
10	QPSK	25	25	23.55	23.63	23.58		
10	QPSK	50	0	23.65	23.71	23.59		
10	16QAM	1	0	23.46	23.56	23.49		
10	16QAM	1	25	23.6	23.62	23.58	24.7	1
10	16QAM	1	49	23.6	23.69	23.62		
10	16QAM	25	0	22.86	22.96	22.93		
10	16QAM	25	12	22.88	22.89	22.81	23.7	2
10	16QAM	25	25	22.83	22.91	22.82		
10	16QAM	50	0	22.82	22.87	22.78		
10	64QAM	1	0	22.96	23.03	22.98		
10	64QAM	1	25	22.9	22.91	22.88	23.7	2
10	64QAM	1	49	22.79	22.89	22.83		
10	64QAM	25	0	21.79	21.85	21.8		
10	64QAM	25	12	21.76	21.81	21.77	22.7	3
10	64QAM	25	25	21.73	21.8	21.77		
10	64QAM	50	0	21.74	21.8	21.74		
10	256QAM	1	0	19.87	19.95	19.84		
10	256QAM	1	25	19.82	19.88	19.86	20.7	5
10	256QAM	1	49	19.81	19.91	19.81		
10	256QAM	25	0	19.66	19.75	19.64		
10	256QAM	25	12	19.87	19.9	19.86	20.7	5
10	256QAM	25	25	19.8	19.89	19.83		
10	256QAM	50	0	19.82	19.85	19.77		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.6	24.67	24.64	25.7	0
5	QPSK	1	12	24.69	24.7	24.61		
5	QPSK	1	24	24.65	24.64	24.6		
5	QPSK	12	0	23.59	23.63	23.63		
5	QPSK	12	7	23.53	23.55	23.52	24.7	1
5	QPSK	12	13	23.5	23.58	23.5		
5	QPSK	25	0	23.8	23.79	23.74		
5	16QAM	1	0	23.36	23.5	23.4		
5	16QAM	1	12	23.56	23.57	23.52	24.7	1
5	16QAM	1	24	23.59	23.62	23.59		
5	16QAM	12	0	22.79	22.91	22.84		
5	16QAM	12	7	22.82	22.84	22.7	23.7	2
5	16QAM	12	13	22.73	22.83	22.76		
5	16QAM	25	0	22.8	22.85	22.69		
5	64QAM	1	0	22.87	22.92	22.88		
5	64QAM	1	12	22.82	22.83	22.81	23.7	2
5	64QAM	1	24	22.73	22.8	22.74		
5	64QAM	12	0	21.71	21.81	21.72		
5	64QAM	12	7	21.7	21.71	21.68	22.7	3
5	64QAM	12	13	21.69	21.71	21.71		
5	64QAM	25	0	21.72	21.78	21.65		
5	256QAM	1	0	19.79	19.91	19.79		
5	256QAM	1	12	19.76	19.79	19.77	20.7	5
5	256QAM	1	24	19.75	19.84	19.72		
5	256QAM	12	0	19.6	19.67	19.55		
5	256QAM	12	7	19.83	19.84	19.79	20.7	5
5	256QAM	12	13	19.76	19.78	19.76		
5	256QAM	25	0	19.71	19.79	19.74		

Band 26 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.66	24.84	24.73	25.7	0
15	QPSK	1	37	24.73	24.8	24.79		
15	QPSK	1	74	24.81	24.76	24.74		
15	QPSK	36	0	23.84	23.91	23.83		
15	QPSK	36	20	23.71	23.89	23.72	24.7	1
15	QPSK	36	39	23.72	23.78	23.73		
15	QPSK	75	0	23.75	23.79	23.72		
15	16QAM	1	0	23.78	23.84	23.76		
15	16QAM	1	37	23.8	23.83	23.79	24.7	1
15	16QAM	1	74	23.65	23.73	23.62		
15	16QAM	36	0	22.81	22.9	22.8		
15	16QAM	36	20	22.86	22.88	22.79	23.7	2
15	16QAM	36	39	22.72	22.79	22.72		
15	16QAM	75	0	22.73	22.77	22.68		
15	64QAM	1	0	22.9	22.97	22.94		
15	64QAM	1	37	22.73	22.82	22.71	23.7	2
15	64QAM	1	74	22.81	22.82	22.77		
15	64QAM	36	0	21.82	21.84	21.79		
15	64QAM	36	20	21.68	21.76	21.69	22.7	3
15	64QAM	36	39	21.79	21.82	21.73		
15	64QAM	75	0	21.75	21.76	21.72		
15	256QAM	1	0	20.15	20.21	20.14		
15	256QAM	1	37	20.13	20.15	20.11	20.7	5
15	256QAM	1	74	20.12	20.19	20.17		
15	256QAM	36	0	19.77	19.81	19.77		
15	256QAM	36	20	19.67	19.77	19.72	20.7	5
15	256QAM	36	39	19.72	19.79	19.74		
15	256QAM	75	0	19.71	19.73	19.64		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.62	24.8	24.69	25.7	0
10	QPSK	1	25	24.64	24.75	24.71		
10	QPSK	1	49	24.58	24.66	24.68		
10	QPSK	25	0	23.82	23.83	23.81		
10	QPSK	25	12	23.69	23.78	23.71	24.7	1
10	QPSK	25	25	23.64	23.68	23.62		
10	QPSK	50	0	23.74	23.7	23.67		
10	16QAM	1	0	23.72	23.76	23.68		
10	16QAM	1	25	23.7	23.75	23.73	24.7	1
10	16QAM	1	49	23.56	23.64	23.59		
10	16QAM	25	0	22.71	22.81	22.73		
10	16QAM	25	12	22.84	22.83	22.72	23.7	2
10	16QAM	25	25	22.67	22.71	22.68		
10	16QAM	50	0	22.7	22.73	22.57		
10	64QAM	1	0	22.86	22.87	22.92		
10	64QAM	1	25	22.7	22.76	22.68	23.7	2
10	64QAM	1	49	22.7	22.78	22.67		
10	64QAM	25	0	21.76	21.83	21.68		
10	64QAM	25	12	21.67	21.71	21.67	22.7	3
10	64QAM	25	25	21.77	21.78	21.67		
10	64QAM	50	0	21.73	21.7	21.65		
10	256QAM	1	0	20.12	20.17	20.05		
10	256QAM	1	25	20.02	20.05	20.03	20.7	5
10	256QAM	1	49	20.09	20.15	20.16		
10	256QAM	25	0	19.69	19.75	19.74		
10	256QAM	25	12	19.64	19.72	19.7	20.7	5
10	256QAM	25	25	19.69	19.71	19.68		
10	256QAM	50	0	19.66	19.63	19.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.58	24.8	24.66	25.7	0
5	QPSK	1	12	24.7	24.77	24.77		
5	QPSK	1	24	24.62	24.74	24.65		
5	QPSK	12	0	23.75	23.84	23.79		
5	QPSK	12	7	23.64	23.76	23.66	24.7	1
5	QPSK	12	13	23.66	23.7	23.62		
5	QPSK	25	0	23.71	23.74	23.69		
5	16QAM	1	0	23.69	23.74	23.66		
5	16QAM	1	12	23.73	23.77	23.76	24.7	1
5	16QAM	1	24	23.58	23.68	23.54		
5	16QAM	12	0	22.76	22.81	22.76		
5	16QAM	12	7	22.84	22.79	22.77	23.7	2
5	16QAM	12	13	22.65	22.76	22.69		
5	16QAM	25	0	22.64	22.76	22.62		
5	64QAM	1	0	22.86	22.88	22.86		
5	64QAM	1	12	22.64	22.75	22.61	23.7	2
5	64QAM	1	24	22.79	22.81	22.71		
5	64QAM	12	0	21.72	21.8	21.77		
5	64QAM	12	7	21.61	21.67	21.66	22.7	3
5	64QAM	12	13	21.73	21.74	21.69		
5	64QAM	25	0	21.67	21.74	21.67		
5	256QAM	1	0	20.11	20.16	20.13		
5	256QAM	1	12	20.11	20.11	20.09	20.7	5
5	256QAM	1	24	20.11	20.14	20.14		
5	256QAM	12	0	19.74	19.71	19.7		
5	256QAM	12	7	19.61	19.72	19.63	20.7	5
5	256QAM	12	13	19.61	19.74	19.71		
5	256QAM	25	0	19.7	19.69	19.61		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.59	24.75	24.7	25.7	0
3	QPSK	1	8	24.68	24.78	24.69		
3	QPSK	1	14	24.6	24.67	24.67		
3	QPSK	8	0	23.78	23.84	23.79		
3	QPSK	8	4	23.62	23.81	23.7	24.7	1
3	QPSK	8	7	23.63	23.71	23.64		
3	QPSK	15	0	23.74	23.72	23.65		
3	16QAM	1	0	23.74	23.76	23.69		
3	16QAM	1	8	23.74	23.72	23.69	24.7	1
3	16QAM	1	14	23.59	23.71	23.59		
3	16QAM	8	0	22.78	22.8	22.7		
3	16QAM	8	4	22.85	22.8	22.75	23.7	2
3	16QAM	8	7	22.62	22.71	22.64		
3	16QAM	15	0	22.71	22.67	22.62		
3	64QAM	1	0	22.81	22.94	22.89		
3	64QAM	1	8	22.71	22.81	22.67	23.7	2
3	64QAM	1	14	22.72	22.76	22.7		
3	64QAM	8	0	21.75	21.78	21.71		
3	64QAM	8	4	21.59	21.71	21.62	22.7	3
3	64QAM	8	7	21.75	21.71	21.65		
3	64QAM	15	0	21.65	21.67	21.63		
3	256QAM	1	0	20.13	20.18	20.13		
3	256QAM	1	8	20.07	20.08	20.04	20.7	5
3	256QAM	1	14	20.07	20.14	20.09		
3	256QAM	8	0	19.68	19.73	19.67		
3	256QAM	8	4	19.66	19.74	19.62	20.7	5
3	256QAM	8	7	19.67	19.72	19.7		
3	256QAM	15	0	19.67	19.65	19.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.56	24.81	24.65	25.7	0
1.4	QPSK	1	3	24.69	24.7	24.69		
1.4	QPSK	1	5	24.63	24.67	24.72		
1.4	QPSK	3	0	24.49	24.71	24.58		
1.4	QPSK	3	1	24.62	24.65	24.58		
1.4	QPSK	3	3	24.61	24.64	24.69		
1.4	QPSK	6	0	23.72	23.69	23.63	24.7	1
1.4	16QAM	1	0	23.72	23.79	23.66	24.7	1
1.4	16QAM	1	3	23.77	23.75	23.69		
1.4	16QAM	1	5	23.61	23.63	23.52		
1.4	16QAM	3	0	23.62	23.67	23.57		
1.4	16QAM	3	1	23.67	23.65	23.58		
1.4	16QAM	3	3	23.67	23.58	23.54		
1.4	16QAM	6	0	22.72	22.67	22.67	23.7	2
1.4	64QAM	1	0	22.8	22.89	22.85	23.7	2
1.4	64QAM	1	3	22.64	22.77	22.63		
1.4	64QAM	1	5	22.78	22.79	22.69		
1.4	64QAM	3	0	22.66	22.59	22.64		
1.4	64QAM	3	1	22.75	22.83	22.78		
1.4	64QAM	3	3	22.61	22.74	22.55		
1.4	64QAM	6	0	21.64	21.69	21.65	22.7	3
1.4	256QAM	1	0	20.08	20.17	20.11	20.7	5
1.4	256QAM	1	3	20.04	20.06	20		
1.4	256QAM	1	5	20.02	20.17	20.14		
1.4	256QAM	3	0	19.7	19.74	19.69		
1.4	256QAM	3	1	19.58	19.67	19.62		
1.4	256QAM	3	3	19.67	19.73	19.68		
1.4	256QAM	6	0	19.61	19.69	19.59	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.94	21.09	20.84	22.5	0
20	QPSK	1	49	20.99	20.98	20.88		
20	QPSK	1	99	20.93	20.99	20.83		
20	QPSK	50	0	20.88	21.06	20.87		
20	QPSK	50	24	20.92	21.02	20.83	22.5	0
20	QPSK	50	50	21.01	20.89	20.88		
20	QPSK	100	0	21	21.04	20.83		
20	16QAM	1	0	20.86	21	20.77		
20	16QAM	1	49	20.91	20.95	20.87	22.5	0
20	16QAM	1	99	20.84	20.93	20.74		
20	16QAM	50	0	20.41	20.64	20.34		
20	16QAM	50	24	20.46	20.44	20.39	22	0.5
20	16QAM	50	50	20.4	20.46	20.31		
20	16QAM	100	0	20.36	20.59	20.32		
20	64QAM	1	0	20.38	20.5	20.28		
20	64QAM	1	49	20.55	20.44	20.4	22	0.5
20	64QAM	1	99	20.54	20.55	20.31		
20	64QAM	50	0	19.47	19.57	19.37		
20	64QAM	50	24	19.51	19.5	19.35	21	1.5
20	64QAM	50	50	19.4	19.49	19.32		
20	64QAM	100	0	19.38	19.54	19.34		
20	256QAM	1	0	17.46	17.6	17.32		
20	256QAM	1	49	17.53	17.45	17.4	19	3.5
20	256QAM	1	99	17.47	17.48	17.37		
20	256QAM	50	0	17.42	17.56	17.41		
20	256QAM	50	24	17.38	17.54	17.3	19	3.5
20	256QAM	50	50	17.52	17.35	17.41		
20	256QAM	100	0	17.54	17.51	17.3		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.87	20.99	20.79	22.5	0
15	QPSK	1	37	20.92	20.97	20.83		
15	QPSK	1	74	20.89	20.97	20.75		
15	QPSK	36	0	20.81	21	20.76		
15	QPSK	36	20	20.83	20.96	20.81	22.5	0
15	QPSK	36	39	20.94	20.87	20.78		
15	QPSK	75	0	20.95	21	20.76		
15	16QAM	1	0	20.81	20.92	20.74		
15	16QAM	1	37	20.88	20.91	20.8	22.5	0
15	16QAM	1	74	20.78	20.84	20.67		
15	16QAM	36	0	20.32	20.58	20.25		
15	16QAM	36	20	20.43	20.38	20.36	22	0.5
15	16QAM	36	39	20.36	20.36	20.22		
15	16QAM	75	0	20.26	20.51	20.25		
15	64QAM	1	0	20.3	20.4	20.22		
15	64QAM	1	37	20.48	20.37	20.34	22	0.5
15	64QAM	1	74	20.48	20.52	20.22		
15	64QAM	36	0	19.43	19.55	19.28		
15	64QAM	36	20	19.45	19.49	19.26	21	1.5
15	64QAM	36	39	19.37	19.4	19.28		
15	64QAM	75	0	19.29	19.45	19.24		
15	256QAM	1	0	17.41	17.56	17.27		
15	256QAM	1	37	17.5	17.36	17.39	19	3.5
15	256QAM	1	74	17.36	17.41	17.32		
15	256QAM	36	0	17.37	17.54	17.31		
15	256QAM	36	20	17.29	17.45	17.28	19	3.5
15	256QAM	36	39	17.46	17.25	17.31		
15	256QAM	75	0	17.53	17.47	17.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.87	20.99	20.78	22.5	0
10	QPSK	1	25	20.89	20.95	20.83		
10	QPSK	1	49	20.86	20.95	20.82		
10	QPSK	25	0	20.83	20.99	20.82		
10	QPSK	25	12	20.83	20.92	20.75	22.5	0
10	QPSK	25	25	20.93	20.87	20.84		
10	QPSK	50	0	20.91	20.93	20.82		
10	16QAM	1	0	20.76	20.9	20.75		
10	16QAM	1	25	20.84	20.94	20.84	22.5	0
10	16QAM	1	49	20.82	20.85	20.72		
10	16QAM	25	0	20.37	20.58	20.23		
10	16QAM	25	12	20.41	20.43	20.34	22	0.5
10	16QAM	25	25	20.36	20.38	20.21		
10	16QAM	50	0	20.32	20.56	20.22		
10	64QAM	1	0	20.35	20.44	20.26		
10	64QAM	1	25	20.47	20.34	20.3	22	0.5
10	64QAM	1	49	20.49	20.48	20.25		
10	64QAM	25	0	19.42	19.2	19.3		
10	64QAM	25	12	19.48	19.44	19.28	21	1.5
10	64QAM	25	25	19.3	19.4	19.21		
10	64QAM	50	0	19.29	19.49	19.3		
10	256QAM	1	0	17.42	17.5	17.31		
10	256QAM	1	25	17.47	17.37	17.32	19	3.5
10	256QAM	1	49	17.45	17.4	17.35		
10	256QAM	25	0	17.37	17.49	17.32		
10	256QAM	25	12	17.31	17.44	17.2	19	3.5
10	256QAM	25	25	17.47	17.3	17.38		
10	256QAM	50	0	17.45	17.46	17.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.87	21.02	20.79	22.5	0
5	QPSK	1	12	20.94	20.95	20.81		
5	QPSK	1	24	20.83	20.94	20.81		
5	QPSK	12	0	20.82	21.04	20.81		
5	QPSK	12	7	20.88	21	20.72	22.5	0
5	QPSK	12	13	20.98	20.79	20.84		
5	QPSK	25	0	20.95	20.99	20.82		
5	16QAM	1	0	20.82	20.91	20.67		
5	16QAM	1	12	20.89	20.88	20.81	22.5	0
5	16QAM	1	24	20.82	20.83	20.68		
5	16QAM	12	0	20.33	20.55	20.24		
5	16QAM	12	7	20.45	20.38	20.3	22	0.5
5	16QAM	12	13	20.35	20.42	20.22		
5	16QAM	25	0	20.32	20.56	20.31		
5	64QAM	1	0	20.32	20.41	20.23		
5	64QAM	1	12	20.54	20.43	20.36	22	0.5
5	64QAM	1	24	20.46	20.51	20.26		
5	64QAM	12	0	19.39	19.54	19.32		
5	64QAM	12	7	19.44	19.44	19.31	21	1.5
5	64QAM	12	13	19.34	19.42	19.25		
5	64QAM	25	0	19.37	19.45	19.27		
5	256QAM	1	0	17.38	17.52	17.29		
5	256QAM	1	12	17.44	17.41	17.32	19	3.5
5	256QAM	1	24	17.4	17.39	17.29		
5	256QAM	12	0	17.39	17.45	17.34		
5	256QAM	12	7	17.28	17.43	17.23	19	3.5
5	256QAM	12	13	17.48	17.31	17.39		
5	256QAM	25	0	17.5	17.5	17.24		
Channel				131962	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.93	21.05	20.81	22.5	0
3	QPSK	1	8	20.97	20.9	20.85		
3	QPSK	1	14	20.88	20.89	20.77		
3	QPSK	8	0	20.87	20.99	20.79	22.5	0
3	QPSK	8	4	20.9	20.94	20.75		
3	QPSK	8	7	20.92	20.84	20.82		
3	QPSK	15	0	20.95	20.95	20.72		
3	16QAM	1	0	20.78	20.91	20.69	22.5	0
3	16QAM	1	8	20.88	20.91	20.83		
3	16QAM	1	14	20.79	20.89	20.67		
3	16QAM	8	0	20.32	20.57	20.3	22	0.5
3	16QAM	8	4	20.37	20.36	20.34		
3	16QAM	8	7	20.37	20.35	20.22		
3	16QAM	15	0	20.27	20.52	20.25		
3	64QAM	1	0	20.34	20.45	20.24	22	0.5
3	64QAM	1	8	20.45	20.36	20.31		
3	64QAM	1	14	20.47	20.45	20.27		
3	64QAM	8	0	19.43	19.56	19.26	21	1.5
3	64QAM	8	4	19.42	19.46	19.33		
3	64QAM	8	7	19.36	19.46	19.23		
3	64QAM	15	0	19.34	19.51	19.23		
3	256QAM	1	0	17.36	17.53	17.24	19	3.5
3	256QAM	1	8	17.52	17.35	17.36		
3	256QAM	1	14	17.38	17.4	17.33		
3	256QAM	8	0	17.4	17.5	17.37	19	3.5
3	256QAM	8	4	17.3	17.51	17.28		
3	256QAM	8	7	17.5	17.29	17.34		
3	256QAM	15	0	17.44	17.45	17.29		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.87	21.03	20.78	22.5	0
1.4	QPSK	1	3	20.9	20.91	20.83		
1.4	QPSK	1	5	20.88	20.95	20.76		
1.4	QPSK	3	0	20.83	21.05	20.78		
1.4	QPSK	3	1	20.84	20.95	20.75		
1.4	QPSK	3	3	20.93	20.81	20.8		
1.4	QPSK	6	0	20.92	21.02	20.8	22.5	0
1.4	16QAM	1	0	20.83	20.89	20.75	22.5	0
1.4	16QAM	1	3	20.88	20.93	20.81		
1.4	16QAM	1	5	20.82	20.89	20.69		
1.4	16QAM	3	0	20.77	20.84	20.64

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	25.26	25.27	25.18	25.7	0
20	QPSK	1	49	25.15	25.16	25.13		
20	QPSK	1	99	25.11	25.17	25.09		
20	QPSK	50	0	24.38	24.49	24.40	24.7	1
20	QPSK	50	24	24.35	24.48	24.35		
20	QPSK	50	50	24.28	24.35	24.25		
20	QPSK	100	0	24.28	24.37	24.28		
20	16QAM	1	0	24.38	24.41	24.39	24.7	1
20	16QAM	1	49	24.31	24.41	24.31		
20	16QAM	1	99	24.29	24.38	24.32		
20	16QAM	50	0	23.21	23.30	23.24	23.7	2
20	16QAM	50	24	23.23	23.31	23.24		
20	16QAM	50	50	23.19	23.29	23.21		
20	16QAM	100	0	23.27	23.32	23.27		
20	64QAM	1	0	23.38	23.39	23.32	23.7	2
20	64QAM	1	49	23.28	23.37	23.33		
20	64QAM	1	99	23.31	23.38	23.36		
20	64QAM	50	0	22.24	22.26	22.20	22.7	3
20	64QAM	50	24	22.26	22.28	22.20		
20	64QAM	50	50	22.22	22.25	22.22		
20	64QAM	100	0	22.32	22.34	22.30		
20	256QAM	1	0	20.00	20.08	20.00	20.7	5
20	256QAM	1	49	20.06	20.15	20.07		
20	256QAM	1	99	19.95	20.05	19.95		
20	256QAM	50	0	20.10	20.13	20.10	20.7	5
20	256QAM	50	24	19.98	20.04	19.94		
20	256QAM	50	50	20.04	20.08	20.01		
20	256QAM	100	0	19.98	20.06	19.96		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	25.17	25.17	25.16	25.7	0
15	QPSK	1	37	25.05	25.06	25.02		
15	QPSK	1	74	25.03	25.15	24.99		
15	QPSK	36	0	24.27	24.40	24.29	24.7	1
15	QPSK	36	20	24.33	24.30	24.33		
15	QPSK	36	39	24.23	24.25	24.21		
15	QPSK	75	0	24.19	24.29	24.23		
15	16QAM	1	0	24.27	24.38	24.30	24.7	1
15	16QAM	1	37	24.28	24.33	24.29		
15	16QAM	1	74	24.20	24.34	24.25		
15	16QAM	36	0	23.10	23.23	23.15	23.7	2
15	16QAM	36	20	23.16	23.29	23.21		
15	16QAM	36	39	23.12	23.27	23.16		
15	16QAM	75	0	23.18	23.28	23.17		
15	64QAM	1	0	23.33	23.38	23.25	23.7	2
15	64QAM	1	37	23.21	23.34	23.27		
15	64QAM	1	74	23.23	23.33	23.29		
15	64QAM	36	0	22.14	22.20	22.18	22.7	3
15	64QAM	36	20	22.21	22.18	22.10		
15	64QAM	36	39	22.19	22.15	22.17		
15	64QAM	75	0	22.22	22.29	22.25		
15	256QAM	1	0	19.91	20.01	19.93	20.7	5
15	256QAM	1	37	20.00	20.05	20.04		
15	256QAM	1	74	19.90	19.95	19.94		
15	256QAM	36	0	20.04	20.10	20.03	20.7	5
15	256QAM	36	20	19.89	20.01	19.92		
15	256QAM	36	39	19.95	20.00	19.99		
15	256QAM	75	0	19.92	19.96	19.95		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	25.18	25.23	25.07	25.7	0
10	QPSK	1	25	25.08	25.14	25.05		
10	QPSK	1	49	25.08	25.13	25.06		
10	QPSK	25	0	24.29	24.36	24.31	24.7	1
10	QPSK	25	12	24.32	24.28	24.31		
10	QPSK	25	25	24.19	24.33	24.21		
10	QPSK	50	0	24.19	24.29	24.25		
10	16QAM	1	0	24.33	24.35	24.35	24.7	1
10	16QAM	1	25	24.23	24.33	24.28		
10	16QAM	1	49	24.24	24.32	24.23		
10	16QAM	25	0	23.15	23.24	23.16	23.7	2
10	16QAM	25	12	23.18	23.30	23.15		
10	16QAM	25	25	23.17	23.27	23.13		
10	16QAM	50	0	23.23	23.26	23.25		
10	64QAM	1	0	23.32	23.35	23.28	23.7	2
10	64QAM	1	25	23.18	23.33	23.25		
10	64QAM	1	49	23.29	23.31	23.34		
10	64QAM	25	0	22.22	22.22	22.12	22.7	3
10	64QAM	25	12	22.21	22.25	22.17		
10	64QAM	25	25	22.18	22.21	22.21		
10	64QAM	50	0	22.31	22.30	22.21		
10	256QAM	1	0	19.95	20.01	19.99	20.7	5
10	256QAM	1	25	20.05	20.14	20.03		
10	256QAM	1	49	19.90	19.99	19.90		
10	256QAM	25	0	20.06	20.07	20.04	20.7	5
10	256QAM	25	12	19.89	20.02	19.91		
10	256QAM	25	25	19.96	20.02	19.93		
10	256QAM	50	0	19.90	19.97	19.89		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	25.23	25.18	25.17	25.7	0
5	QPSK	1	12	25.10	25.15	25.04		
5	QPSK	1	24	25.10	25.09	24.98		
5	QPSK	12	0	24.31	24.36	24.33	24.7	1
5	QPSK	12	7	24.30	24.34	24.26		
5	QPSK	12	13	24.25	24.30	24.19		
5	QPSK	25	0	24.22	24.28	24.26		
5	16QAM	1	0	24.28	24.35	24.36	24.7	1
5	16QAM	1	12	24.28	24.32	24.22		
5	16QAM	1	24	24.22	24.32	24.26		
5	16QAM	12	0	23.12	23.27	23.21	23.7	2
5	16QAM	12	7	23.17	23.25	23.21		
5	16QAM	12	13	23.17	23.20	23.16		
5	16QAM	25	0	23.19	23.29	23.23		
5	64QAM	1	0	23.34	23.33	23.31	23.7	2
5	64QAM	1	12	23.23	23.27	23.26		
5	64QAM	1	24	23.26	23.27	23.27		
5	64QAM	12	0	22.15	22.24	22.12	22.7	3
5	64QAM	12	7	22.19	22.24	22.12		
5	64QAM	12	13	22.12	22.23	22.20		
5	64QAM	25	0	22.25	22.29	22.21		
5	256QAM	1	0	19.91	20.05	19.94	20.7	5
5	256QAM	1	12	20.01	20.10	20.03		
5	256QAM	1	24	19.94	20.04	19.90		
5	256QAM	12	0	20.00	20.11	20.07	20.7	5
5	256QAM	12	7	19.94	20.02	19.91		
5	256QAM	12	13	19.96	19.99	19.91		
5	256QAM	25	0	19.91	19.96	19.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.26	25.18	25.34	25.31	25.29	25.7	0
20	QPSK	1	49	25.22	25.18	25.28	25.22	25.20		
20	QPSK	1	99	25.23	25.25	25.29	25.22	25.19		
20	QPSK	50	0	24.30	24.27	24.39	24.26	24.24	24.7	1
20	QPSK	50	24	24.14	24.19	24.35	24.22	24.14		
20	QPSK	50	50	24.20	24.20	24.24	24.16	24.19		
20	QPSK	100	0	24.18	24.12	24.22	24.14	24.17		
20	16QAM	1	0	24.12	24.10	24.15	24.06	24.06	24.7	1
20	16QAM	1	49	24.23	24.25	24.29	24.20	24.19		
20	16QAM	1	99	24.14	24.11	24.22	24.19	24.12		
20	16QAM	50	0	23.22	23.30	23.32	23.21	23.30	23.7	2
20	16QAM	50	24	23.23	23.15	23.25	23.24	23.18		
20	16QAM	50	50	23.23	23.23	23.25	23.19	23.14		
20	16QAM	100	0	23.27	23.21	23.31	23.27	23.22		
20	64QAM	1	0	23.31	23.27	23.35	23.25	23.32	23.7	2
20	64QAM	1	49	23.19	23.14	23.24	23.17	23.19		
20	64QAM	1	99	23.21	23.17	23.25	23.22	23.14		
20	64QAM	50	0	22.24	22.25	22.33	22.28	22.27	22.7	3
20	64QAM	50	24	22.25	22.19	22.28	22.23	22.22		
20	64QAM	50	50	22.22	22.19	22.30	22.23	22.26		
20	64QAM	100	0	22.29	22.30	22.31	22.30	22.24		
20	256QAM	1	0	20.08	20.18	20.19	20.13	20.16	20.7	5
20	256QAM	1	49	20.02	20.06	20.08	20.07	20.01		
20	256QAM	1	99	20.08	20.08	20.12	20.02	20.08		
20	256QAM	50	0	20.03	20.07	20.12	20.02	20.06	20.7	5
20	256QAM	50	24	20.07	20.08	20.13	20.11	20.04		
20	256QAM	50	50	20.12	20.14	20.18	20.07	20.14		
20	256QAM	100	0	20.11	20.14	20.17	20.09	20.08		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.20	25.15	25.23	25.27	25.24	26	0
15	QPSK	1	37	25.20	25.12	25.22	25.15	25.12		
15	QPSK	1	74	25.16	25.18	25.26	25.16	25.16		
15	QPSK	36	0	24.25	24.23	24.22	24.18	24.17	24.7	1
15	QPSK	36	20	24.13	24.12	24.19	24.14	24.12		
15	QPSK	36	39	24.13	24.16	24.19	24.09	24.10		
15	QPSK	75	0	24.16	24.05	24.20	24.06	24.11		
15	16QAM	1	0	24.01	24.01	24.06	24.02	24.05	24.7	1
15	16QAM	1	37	24.13	24.18	24.20	24.10	24.15		
15	16QAM	1	74	24.06	24.00	24.12	24.13	24.02		
15	16QAM	36	0	23.13	23.25	23.23	23.19	23.26	23.7	2
15	16QAM	36	20	23.16	23.08	23.21	23.19	23.08		
15	16QAM	36	39	23.19	23.22	23.15	23.10	23.12		
15	16QAM	75	0	23.18	23.11	23.29	23.25	23.20		
15	64QAM	1	0	23.26	23.21	23.29	23.22	23.28	23.7	2
15	64QAM	1	37	23.12	23.08	23.22	23.07	23.15		
15	64QAM	1	74	23.17	23.14	23.18	23.19	23.08		
15	64QAM	36	0	22.17	22.16	22.22	22.25	22.22	22.7	3
15	64QAM	36	20	22.16	22.16	22.21	22.12	22.15		
15	64QAM	36	39	22.17	22.11	22.24	22.15	22.18		
15	64QAM	75	0	22.21	22.21	22.26	22.24	22.19		
15	256QAM	1	0	19.99	20.17	20.16	20.12	20.12	20.7	5
15	256QAM	1	37	19.92	20.02	19.99	20.02	19.98		
15	256QAM	1	74	20.06	20.00	20.06	20.00	20.07		
15	256QAM	36	0	20.01	20.02	20.09	19.97	20.01	20.7	5
15	256QAM	36	20	20.02	20.05	20.07	20.04	19.98		
15	256QAM	36	39	20.05	20.04	20.13	20.05	20.07		
15	256QAM	75	0	20.08	20.11	20.10	20.03	20.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.18	25.09	25.24	25.29	25.23	26	0
10	QPSK	1	25	25.15	25.11	25.24	25.17	25.10		
10	QPSK	1	49	25.18	25.22	25.20	25.19	25.15		
10	QPSK	25	0	24.22	24.22	24.24	24.17	24.16	24.7	1
10	QPSK	25	12	24.09	24.14	24.13	24.11	24.11		
10	QPSK	25	25	24.15	24.12	24.15	24.07	24.12		
10	QPSK	50	0	24.07	24.08	24.12	24.07	24.11		
10	16QAM	1	0	24.10	24.07	24.07	23.95	24.00	24.7	1
10	16QAM	1	25	24.20	24.16	24.26	24.11	24.14		
10	16QAM	1	49	24.08	24.02	24.19	24.14	24.06		
10	16QAM	25	0	23.17	23.25	23.26	23.13	23.24	23.7	2
10	16QAM	25	12	23.18	23.13	23.24	23.16	23.15		
10	16QAM	25	25	23.21	23.18	23.18	23.10	23.05		
10	16QAM	50	0	23.19	23.17	23.21	23.25	23.19		
10	64QAM	1	0	23.22	23.26	23.29	23.15	23.30	23.7	2
10	64QAM	1	25	23.10	23.06	23.18	23.10	23.13		
10	64QAM	1	49	23.16	23.13	23.15	23.15	23.11		
10	64QAM	25	0	22.22	22.22	22.24	22.26	22.21	22.7	3
10	64QAM	25	12	22.20	22.08	22.24	22.19	22.18		
10	64QAM	25	25	22.17	22.14	22.25	22.19	22.24		
10	64QAM	50	0	22.26	22.24	22.29	22.25	22.16		
10	256QAM	1	0	20.00	20.14	20.17	20.08	20.08	20.7	5
10	256QAM	1	25	19.96	19.99	20.02	20.03	19.91		
10	256QAM	1	49	20.02	20.03	20.02	19.95	20.03		
10	256QAM	25	0	19.95	20.04	20.01	19.92	19.98	20.7	5
10	256QAM	25	12	19.96	20.03	20.09	20.01	19.98		
10	256QAM	25	25	20.03	20.09	20.11	20.01	20.07		
10	256QAM	50	0	20.02	20.12	20.11	20.02	20.05		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.25	25.11	25.30	25.23	25.20	26	0
5	QPSK	1	12	25.11	25.12	25.25	25.17	25.16		
5	QPSK	1	24	25.18	25.21	25.27	25.13	25.16		
5	QPSK	12	0	24.25	24.20	24.22	24.17	24.22	24.7	1
5	QPSK	12	7	24.04	24.18	24.16	24.14	24.08		
5	QPSK	12	13	24.19	24.15	24.13	24.13	24.16		
5	QPSK	25	0	24.13	24.09	24.20	24.08	24.06		
5	16QAM	1	0	24.09	24.08	24.07	24.01	24.01	24.7	1
5	16QAM	1	12	24.14	24.15	24.26	24.14	24.16		
5	16QAM	1	24	24.09	24.01	24.12	24.14	24.02		
5	16QAM	12	0	23.14	23.24	23.29	23.14	23.26	23.7	2
5	16QAM	12	7	23.20	23.05	23.19	23.20	23.12		
5	16QAM	12	13	23.17	23.14	23.18	23.11	23.06		
5	16QAM	25	0	23.17	23.19	23.29	23.26	23.16		
5	64QAM	1	0	23.24	23.20	23.31	23.22	23.22	23.7	2
5	64QAM	1	12	23.17	23.06	23.23	23.13	23.15		
5	64QAM	1	24	23.14	23.07	23.19	23.21	23.05		
5	64QAM	12	0	22.20	22.20	22.31	22.17	22.19	22.7	3
5	64QAM	12	7	22.17	22.10	22.21	22.19	22.15		
5	64QAM	12	13	22.21	22.13	22.20	22.19	22.19		
5	64QAM	25	0	22.18	22.24	22.29	22.22	22.20		
5	256QAM	1	0	20.05	20.16	20.09	20.06	20.10	20.7	5
5	256QAM	1	12	19.92	20.00	20.06	20.00	19.91		
5	256QAM	1	24	20.02	20.03	20.09	19.99	20.06		
5	256QAM	12	0	20.00	19.98	20.09	19.98	19.96	20.7	5
5	256QAM	12	7	20.02	19.99	20.10	20.04	19.99		
5	256QAM	12	13	20.10	20.07	20.15	19.97	20.11		
5	256QAM	25	0	20.06	20.08	20.14	20.07	20.03		

	GSM850 Ant1 DSI3							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.69	32.76	32.71	34.00	23.69	23.76	23.71	25.00
GPRS 1 Tx slot	32.55	32.79	32.61	34.00	23.55	23.79	23.61	25.00
GPRS 2 Tx slots	29.87	29.96	29.87	31.00	23.87	23.96	23.87	25.00
GPRS 3 Tx slots	28.00	28.08	28.07	29.20	23.74	23.82	23.81	24.94
GPRS 4 Tx slots	26.75	26.86	26.81	28.00	23.75	23.86	23.81	25.00
EDGE 1 Tx slot	27.37	27.39	27.35	28.00	18.37	18.39	18.35	19.00
EDGE 2 Tx slots	24.40	24.49	24.44	25.00	18.40	18.49	18.44	19.00
EDGE 3 Tx slots	22.77	22.79	22.77	23.20	18.51	18.53	18.51	18.94
EDGE 4 Tx slots	21.76	21.81	21.76	22.00	18.76	18.81	18.76	19.00

		WCDMA V Ant1 DSI3				WCDMA IV Ant1 DSI3			
Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.17	24.32	24.28	25.50	21.25	21.26	21.14	23.00
3GPP Rel 99	RMC 12.2Kbps	24.26	24.37	24.33	25.50	21.31	21.35	21.23	23.00
3GPP Rel 6	HSDPA Subtest-1	23.07	23.44	23.09	24.50	20.03	20.40	20.15	22.00
3GPP Rel 6	HSDPA Subtest-2	23.03	23.23	23.23	24.50	20.21	20.29	20.20	22.00
3GPP Rel 6	HSDPA Subtest-3	22.58	22.79	22.59	24.00	19.56	19.75	19.68	21.50
3GPP Rel 6	HSDPA Subtest-4	22.69	22.62	22.62	24.00	19.76	19.65	19.61	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.08	23.11	23.05	24.50	20.05	20.05	20.08	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.94	23.27	23.17	24.50	20.01	20.22	20.21	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.76	22.70	22.80	24.00	19.76	19.74	19.77	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.72	22.66	22.58	24.00	19.79	19.66	19.59	21.50
3GPP Rel 6	HSUPA Subtest-1	23.18	23.33	23.23	24.50	20.11	20.31	20.17	22.00
3GPP Rel 6	HSUPA Subtest-2	21.16	21.19	21.35	22.50	18.22	18.18	18.27	20.00
3GPP Rel 6	HSUPA Subtest-3	22.14	22.23	22.25	23.50	19.16	19.33	19.26	21.00
3GPP Rel 6	HSUPA Subtest-4	20.95	21.25	20.99	22.50	18.01	18.23	18.03	20.00
3GPP Rel 6	HSUPA Subtest-5	23.01	23.28	23.18	24.50	20.05	20.33	20.21	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.64	20.64	20.47	22.00	17.67	17.60	17.54	19.50

Band 4 Ant1 Other PA DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.82	20.93	20.67	21.7	0
20	QPSK	1	49	20.78	20.78	20.79		
20	QPSK	1	99	20.70	20.80	20.84		
20	QPSK	50	0	20.76	20.91	20.82		
20	QPSK	50	24	20.78	20.79	20.87		
20	QPSK	50	50	20.82	20.87	20.80		
20	QPSK	100	0	20.75	20.89	20.88		
20	16QAM	1	0	20.80	20.75	20.64		
20	16QAM	1	49	20.83	20.75	20.73	21.7	0
20	16QAM	1	99	20.74	20.82	20.83		
20	16QAM	50	0	20.70	20.80	20.72		
20	16QAM	50	24	20.68	20.76	20.76	21.7	0
20	16QAM	50	50	20.80	20.82	20.73		
20	16QAM	100	0	20.66	20.86	20.83		
20	64QAM	1	0	20.74	20.75	20.61		
20	64QAM	1	49	20.83	20.74	20.73	21.7	0
20	64QAM	1	99	20.69	20.80	20.81		
20	64QAM	50	0	20.65	20.87	20.78		
20	64QAM	50	24	20.76	20.78	20.85	21.7	0
20	64QAM	50	50	20.78	20.78	20.72		
20	64QAM	100	0	20.66	20.87	20.83		
20	256QAM	1	0	19.83	19.79	19.67		
20	256QAM	1	49	19.91	19.78	19.83	20.7	1
20	256QAM	1	99	19.75	19.83	19.82		
20	256QAM	50	0	19.74	19.91	19.83		
20	256QAM	50	24	19.75	19.77	19.84	20.7	1
20	256QAM	50	50	19.86	19.87	19.85		
20	256QAM	100	0	19.80	19.91	19.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.81	20.74	20.61	21.7	0
15	QPSK	1	37	20.84	20.74	20.72		
15	QPSK	1	74	20.76	20.80	20.78		
15	QPSK	36	0	20.75	20.89	20.78		
15	QPSK	36	20	20.74	20.70	20.82		
15	QPSK	36	39	20.73	20.84	20.78		
15	QPSK	75	0	20.65	20.84	20.86		
15	16QAM	1	0	20.72	20.71	20.62		
15	16QAM	1	37	20.80	20.73	20.67	21.7	0
15	16QAM	1	74	20.64	20.77	20.73		
15	16QAM	36	0	20.65	20.75	20.63		
15	16QAM	36	20	20.65	20.69	20.72	21.7	0
15	16QAM	36	39	20.69	20.80	20.71		
15	16QAM	75	0	20.61	20.70	20.81		
15	64QAM	1	0	20.65	20.71	20.59		
15	64QAM	1	37	20.82	20.72	20.71	21.7	0
15	64QAM	1	74	20.58	20.75	20.71		
15	64QAM	36	0	20.63	20.77	20.71		
15	64QAM	36	20	20.74	20.75	20.81	21.7	0
15	64QAM	36	39	20.77	20.77	20.68		
15	64QAM	75	0	20.56	20.80	20.78		
15	256QAM	1	0	19.72	19.77	19.60		
15	256QAM	1	37	19.83	19.68	19.73	20.7	1
15	256QAM	1	74	19.73	19.81	19.71		
15	256QAM	36	0	19.65	19.86	19.74		
15	256QAM	36	20	19.73	19.71	19.76	20.7	1
15	256QAM	36	39	19.78	19.84	19.81		
15	256QAM	75	0	19.78	19.84	19.85		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.73	20.72	20.58	21.7	0
10	QPSK	1	25	20.84	20.71	20.77		
10	QPSK	1	49	20.70	20.83	20.77		
10	QPSK	25	0	20.72	20.83	20.79		
10	QPSK	25	12	20.69	20.71	20.79		
10	QPSK	25	25	20.74	20.84	20.75		
10	QPSK	50	0	20.68	20.80	20.78		
10	16QAM	1	0	20.73	20.68	20.60		
10	16QAM	1	25	20.74	20.71	20.71	21.7	0
10	16QAM	1	49	20.67	20.72	20.77		
10	16QAM	25	0	20.61	20.70	20.67		
10	16QAM	25	12	20.64	20.66	20.67	21.7	0
10	16QAM	25	25	20.71	20.81	20.72		
10	16QAM	50	0	20.58	20.76	20.79		
10	64QAM	1	0	20.72	20.67	20.60		
10	64QAM	1	25	20.72	20.71	20.63	21.7	0
10	64QAM	1	49	20.64	20.72	20.72		
10	64QAM	25	0	20.56	20.85	20.69		
10	64QAM	25	12	20.68	20.70	20.78	21.7	0
10	64QAM	25	25	20.70	20.71	20.71		
10	64QAM	50	0	20.58	20.80	20.75		
10	256QAM	1	0	19.76	19.76	19.58		
10	256QAM	1	25	19.81	19.71	19.77	20.7	1
10	256QAM	1	49	19.71	19.76	19.73		
10	256QAM	25	0	19.73	19.84	19.79		
10	256QAM	25	12	19.67	19.74	19.78	20.7	1
10	256QAM	25	25	19.84	19.80	19.84		
10	256QAM	50	0	19.78	19.87	19.86		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.80	20.73	20.59	21.7	0
5	QPSK	1	12	20.82	20.76	20.75		
5	QPSK	1	24	20.72	20.79	20.82		
5	QPSK	12	0	20.71	20.85	20.80		
5	QPSK	12	7	20.69	20.75	20.78	21.7	0
5	QPSK	12	13	20.76	20.83	20.73		
5	QPSK	25	0	20.69	20.84	20.81		
5	16QAM	1	0	20.70	20.69	20.60	21.7	0
5	16QAM	1	12	20.76	20.71	20.70		
5	16QAM	1	24	20.72	20.75	20.76		
5	16QAM	12	0	20.66	20.79	20.65	21.7	0
5	16QAM	12	7	20.63	20.72	20.66		
5	16QAM	12	13	20.72	20.72	20.72		
5	16QAM	25	0	20.62	20.80	20.74		
5	64QAM	1	0	20.65	20.72	20.53	21.7	0
5	64QAM	1	12	20.79	20.64	20.71		
5	64QAM	1	24	20.60	20.75	20.73		
5	64QAM	12	0	20.64	20.77	20.75		
5	64QAM	12	7	20.69	20.73	20.78	21.7	0
5	64QAM	12	13	20.76	20.69	20.64		
5	64QAM	25	0	20.64	20.77	20.75		
5	256QAM	1	0	19.73	19.77	19.56		
5	256QAM	1	12	19.82	19.75	19.73	20.7	1
5	256QAM	1	24	19.73	19.77	19.74		
5	256QAM	12	0	19.84	19.85	19.75		
5	256QAM	12	7	19.69	19.74	19.81	20.7	1
5	256QAM	12	13	19.82	19.85	19.82		
5	256QAM	25	0	19.77	19.90	19.90		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.78	20.70	20.59	21.7	0
3	QPSK	1	8	20.81	20.72	20.72		
3	QPSK	1	14	20.69	20.78	20.78		
3	QPSK	8	0	20.67	20.83	20.76		
3	QPSK	8	4	20.71	20.71	20.78	21.7	0
3	QPSK	8	7	20.81	20.85	20.75		
3	QPSK	15	0	20.69	20.79	20.80		
3	16QAM	1	0	20.78	20.70	20.58	21.7	0
3	16QAM	1	8	20.81	20.67	20.67		
3	16QAM	1	14	20.69	20.79	20.74		
3	16QAM	8	0	20.60	20.69	20.61	21.7	0
3	16QAM	8	4	20.68	20.71	20.72		
3	16QAM	8	7	20.72	20.74	20.71		
3	16QAM	15	0	20.57	20.75	20.72		
3	64QAM	1	0	20.70	20.68	20.58	21.7	0
3	64QAM	1	8	20.74	20.66	20.70		
3	64QAM	1	14	20.68	20.71	20.80		
3	64QAM	8	0	20.62	20.78	20.73	21.7	0
3	64QAM	8	4	20.73	20.74	20.78		
3	64QAM	8	7	20.72	20.72	20.64		
3	64QAM	15	0	20.61	20.84	20.78		
3	256QAM	1	0	19.73	19.78	19.61	20.7	1
3	256QAM	1	8	19.89	19.71	19.74		
3	256QAM	1	14	19.71	19.76	19.77		
3	256QAM	8	0	19.73	19.85	19.76	20.7	1
3	256QAM	8	4	19.68	19.67	19.79		
3	256QAM	8	7	19.82	19.83	19.81		
3	256QAM	15	0	19.74	19.85	19.89		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.71	20.76	20.65	21.7	0
1.4	QPSK	1	3	20.86	20.68	20.68		
1.4	QPSK	1	5	20.71	20.79	20.75		
1.4	QPSK	3	0	20.74	20.83	20.80		
1.4	QPSK	3	1	20.75	20.71	20.77		
1.4	QPSK	3	3	20.79	20.79	20.69		
1.4	QPSK	6	0	20.71	20.84	20.78		
1.4	16QAM	1	0	20.77	20.67	20.57	21.7	0
1.4	16QAM	1	3	20.77	20.65	20.62		
1.4	16QAM	1	5	20.63	20.72	20.73		
1.4	16QAM	3	0	20.59	20.75	20.61		
1.4	16QAM	3	1	20.67	20.67	20.71		
1.4	16QAM	3	3	20.74	20.77	20.67		
1.4	16QAM	6	0	20.59	20.82	20.82	21.7	0
1.4	64QAM	1	0	20.64	20.70	20.55	21.7	0
1.4	64QAM	1	3	20.76	20.63	20.64		
1.4	64QAM	1	5	20.64	20.79	20.79		
1.4	64QAM	3	0	20.61	20.86	20.73		
1.4	64QAM	3	1	20.69	20.75	20.81		
1.4	64QAM	3	3	20.71	20.71	20.69		
1.4	64QAM	6	0	20.57	20.77	20.80	21.7	0
1.4	256QAM	1	0	19.75	19.76	19.61	20.7	1
1.4	256QAM	1	3	19.83	19.73	19.72		
1.4	256QAM	1	5	19.72	19.75	19.75		
1.4	256QAM	3	0	19.65	19.82	19.79		
1.4	256QAM	3	1	19.70	19.70	19.76		
1.4	256QAM	3	3	19.82	19.76	19.75		
1.4	256QAM	6	0	19.76	19.86	19.89	20.7	1

Band 5 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.47	24.57	24.52	25.5	0
10	QPSK	1	25	24.40	24.49	24.45		
10	QPSK	1	49	24.44	24.48	24.41		
10	QPSK	25	0	23.54	23.57	23.47	24.5	1
10	QPSK	25	12	23.42	23.51	23.45		
10	QPSK	25	25	23.43	23.50	23.44		
10	QPSK	50	0	23.48	23.51	23.48		
10	16QAM	1	0	23.46	23.51	23.43		
10	16QAM	1	25	23.32	23.42	23.39	24.5	1
10	16QAM	1	49	23.33	23.42	23.35		
10	16QAM	25	0	22.48	22.52	22.47	23.5	2
10	16QAM	25	12	22.43	22.50	22.41		
10	16QAM	25	25	22.31	22.41	22.37		
10	16QAM	50	0	22.38	22.44	22.36		
10	64QAM	1	0	22.50	22.51	22.47	23.5	2
10	64QAM	1	25	22.40	22.44	22.38		
10	64QAM	1	49	22.33	22.43	22.35		
10	64QAM	25	0	21.47	21.48	21.41	22.5	3
10	64QAM	25	12	21.36	21.40	21.33		
10	64QAM	25	25	21.37	21.44	21.40		
10	64QAM	50	0	21.48	21.50	21.45		
10	256QAM	1	0	19.62	19.67	19.63	20.5	5
10	256QAM	1	25	19.56	19.60	19.50		
10	256QAM	1	49	19.52	19.60	19.55		
10	256QAM	25	0	19.45	19.51	19.45		
10	256QAM	25	12	19.55	19.61	19.52	20.5	5
10	256QAM	25	25	19.61	19.64	19.61		
10	256QAM	50	0	19.49	19.57	19.55		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.45	24.53	24.43	25.5	0
5	QPSK	1	12	24.29	24.43	24.36		
5	QPSK	1	24	24.36	24.46	24.32		
5	QPSK	12	0	23.45	23.51	23.38	24.5	1
5	QPSK	12	7	23.31	23.41	23.43		
5	QPSK	12	13	23.36	23.48	23.39		
5	QPSK	25	0	23.44	23.45	23.45		
5	16QAM	1	0	23.41	23.40	23.42	24.5	1
5	16QAM	1	12	23.29	23.31	23.37		
5	16QAM	1	24	23.24	23.36	23.25		
5	16QAM	12	0	22.46	22.49	22.45	23.5	2
5	16QAM	12	7	22.40	22.45	22.35		
5	16QAM	12	13	22.24	22.33	22.34		
5	16QAM	25	0	22.32	22.39	22.25		
5	64QAM	1	0	22.47	22.41	22.40	23.5	2
5	64QAM	1	12	22.37	22.42	22.35		
5	64QAM	1	24	22.30	22.35	22.31		
5	64QAM	12	0	21.36	21.38	21.34	22.5	3
5	64QAM	12	7	21.25	21.30	21.31		
5	64QAM	12	13	21.28	21.33	21.34		
5	64QAM	25	0	21.44	21.44	21.38		
5	256QAM	1	0	19.59	19.59	19.54	20.5	5
5	256QAM	1	12	19.45	19.58	19.49		
5	256QAM	1	24	19.50	19.59	19.54		
5	256QAM	12	0	19.41	19.47	19.37	20.5	5
5	256QAM	12	7	19.47	19.51	19.43		
5	256QAM	12	13	19.51	19.55	19.52		
5	256QAM	25	0	19.43	19.51	19.52		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.38	24.48	24.49	25.5	0
3	QPSK	1	8	24.35	24.39	24.44		
3	QPSK	1	14	24.41	24.44	24.34		
3	QPSK	8	0	23.43	23.54	23.38	24.5	1
3	QPSK	8	4	23.38	23.39	23.41		
3	QPSK	8	7	23.44	23.47	23.43		
3	QPSK	15	0	23.40	23.47	23.40		
3	16QAM	1	0	23.42	23.41	23.42	24.5	1
3	16QAM	1	8	23.29	23.35	23.38		
3	16QAM	1	14	23.24	23.35	23.29		
3	16QAM	8	0	22.46	22.51	22.45	23.5	2
3	16QAM	8	4	22.41	22.41	22.34		
3	16QAM	8	7	22.23	22.32	22.35		
3	16QAM	15	0	22.36	22.39	22.26		
3	64QAM	1	0	22.46	22.49	22.38	23.5	2
3	64QAM	1	8	22.34	22.34	22.35		
3	64QAM	1	14	22.26	22.40	22.25		
3	64QAM	8	0	21.43	21.38	21.38	22.5	3
3	64QAM	8	4	21.28	21.34	21.31		
3	64QAM	8	7	21.36	21.34	21.37		
3	64QAM	15	0	21.40	21.48	21.35		
3	256QAM	1	0	19.61	19.65	19.53	20.5	5
3	256QAM	1	8	19.55	19.51	19.45		
3	256QAM	1	14	19.48	19.56	19.53		
3	256QAM	8	0	19.36	19.42	19.38	20.5	5
3	256QAM	8	4	19.34	19.38	19.45		
3	256QAM	8	7	19.51	19.55	19.59		
3	256QAM	15	0	19.43	19.49	19.49		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.37	24.50	24.42	25.5	0
1.4	QPSK	1	3	24.32	24.38	24.36		
1.4	QPSK	1	5	24.38	24.45	24.32		
1.4	QPSK	3	0	24.35	24.41	24.37		
1.4	QPSK	3	1	24.22	24.35	24.34		
1.4	QPSK	3	3	24.29	24.40	24.29		
1.4	QPSK	6	0	23.45	23.47	23.45	24.5	1
1.4	16QAM	1	0	23.40	23.40	23.34	24.5	1
1.4	16QAM	1	3	23.32	23.32	23.32		
1.4	16QAM	1	5	23.30	23.31	23.24		
1.4	16QAM	3	0	23.30	23.31	23.26		
1.4	16QAM	3	1	23.16	23.30	23.23		
1.4	16QAM	3	3	23.23	23.23	23.22		
1.4	16QAM	6	0	22.32	22.40	22.31	23.5	2
1.4	64QAM	1	0	22.47	22.49	22.37	23.5	2
1.4	64QAM	1	3	22.36	22.41	22.36		
1.4	64QAM	1	5	22.37	22.39	22.25		
1.4	64QAM	3	0	22.38	22.46	22.34		
1.4	64QAM	3	1	22.27	22.30	22.26		
1.4	64QAM	3	3	22.13	22.26	22.23		
1.4	64QAM	6	0	21.37	21.48	21.37	22.5	3
1.4	256QAM	1	0	19.53	19.60	19.61	20.5	5
1.4	256QAM	1	3	19.45	19.58	19.39		
1.4	256QAM	1	5	19.46	19.54	19.51		
1.4	256QAM	3	0	19.36	19.49	19.41		
1.4	256QAM	3	1	19.52	19.57	19.47		
1.4	256QAM	3	3	19.53	19.58	19.57		
1.4	256QAM	6	0	19.43	19.48	19.49	20.5	5

Band 7 Ant1 Other PA DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.52	21.61	21.48	22.2	0
20	QPSK	1	49	21.38	21.56	21.30		
20	QPSK	1	99	21.46	21.48	21.30		
20	QPSK	50	0	21.48	21.56	21.40		
20	QPSK	50	24	21.46	21.55	21.46		
20	QPSK	50	50	21.51	21.40	21.33		
20	QPSK	100	0	21.50	21.52	21.36		
20	16QAM	1	0	21.49	21.52	21.40		
20	16QAM	1	49	21.29	21.51	21.27	22.2	0
20	16QAM	1	99	21.39	21.35	21.26		
20	16QAM	50	0	21.46	21.48	21.30		
20	16QAM	50	24	21.40	21.47	21.40		
20	16QAM	50	50	21.41	21.37	21.32		
20	16QAM	100	0	21.40	21.47	21.35		
20	64QAM	1	0	21.51	21.53	21.46		
20	64QAM	1	49	21.31	21.51	21.21	22.2	0
20	64QAM	1	99	21.42	21.42	21.26		
20	64QAM	50	0	21.40	21.47	21.31		
20	64QAM	50	24	21.39	21.49	21.43	22.2	0
20	64QAM	50	50	21.43	21.33	21.28		
20	64QAM	100	0	21.49	21.44	21.25		
20	256QAM	1	0	20.00	20.13	19.97	20.7	1.5
20	256QAM	1	49	19.90	20.07	19.78		
20	256QAM	1	99	19.96	19.94	19.81		
20	256QAM	50	0	20.00	20.04	19.88		
20	256QAM	50	24	19.98	20.06	19.94	20.7	1.5
20	256QAM	50	50	20.05	19.92	19.84		
20	256QAM	100	0	19.95	20.02	19.81		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.47	21.51	21.45	22.2	0
15	QPSK	1	37	21.29	21.50	21.21		
15	QPSK	1	74	21.40	21.36	21.32		
15	QPSK	36	0	21.47	21.48	21.31		
15	QPSK	36	20	21.41	21.50	21.40	22.2	0
15	QPSK	36	39	21.48	21.32	21.28		
15	QPSK	75	0	21.42	21.42	21.34		
15	16QAM	1	0	21.48	21.49	21.30		
15	16QAM	1	37	21.21	21.46	21.17	22.2	0
15	16QAM	1	74	21.31	21.31	21.16		
15	16QAM	36	0	21.42	21.38	21.21		
15	16QAM	36	20	21.39	21.37	21.34	22.2	0
15	16QAM	36	39	21.34	21.32	21.26		
15	16QAM	75	0	21.32	21.40	21.25		
15	64QAM	1	0	21.44	21.46	21.40		
15	64QAM	1	37	21.22	21.47	21.16	22.2	0
15	64QAM	1	74	21.39	21.38	21.22		
15	64QAM	36	0	21.30	21.46	21.26		
15	64QAM	36	20	21.31	21.41	21.33	22.2	0
15	64QAM	36	39	21.34	21.31	21.26		
15	64QAM	75	0	21.41	21.42	21.17		
15	256QAM	1	0	19.91	20.05	19.90	20.7	1.5
15	256QAM	1	37	19.79	20.00	19.71		
15	256QAM	1	74	19.93	19.84	19.78		
15	256QAM	36	0	19.89	19.96	19.86		
15	256QAM	36	20	19.90	20.03	19.83	20.7	1.5
15	256QAM	36	39	19.91	19.81	19.74		
15	256QAM	75	0	19.93	19.96	19.79		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.45	21.58	21.47	22.2	0
10	QPSK	1	25	21.35	21.55	21.25		
10	QPSK	1	49	21.38	21.36	21.26		
10	QPSK	25	0	21.42	21.52	21.39		
10	QPSK	25	12	21.43	21.53	21.42	22.2	0
10	QPSK	25	25	21.46	21.48	21.23		
10	QPSK	50	0	21.46	21.46	21.33		
10	16QAM	1	0	21.38	21.50	21.33		
10	16QAM	1	25	21.20	21.44	21.21	22.2	0
10	16QAM	1	49	21.28	21.41	21.28		
10	16Q

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.39	24.57	24.50	25.5	0
10	QPSK	1	25	24.52	24.53	24.44		
10	QPSK	1	49	24.39	24.46	24.35		
10	QPSK	25	0	23.54	23.57	23.51	24.5	1
10	QPSK	25	12	23.41	23.52	23.45		
10	QPSK	25	25	23.40	23.48	23.42		
10	QPSK	50	0	23.48	23.50	23.44		
10	16QAM	1	0	23.69	23.75	23.72	24.5	1
10	16QAM	1	25	23.66	23.70	23.63		
10	16QAM	1	49	23.62	23.64	23.53		
10	16QAM	25	0	22.54	22.59	22.56	23.5	2
10	16QAM	25	12	22.40	22.48	22.46		
10	16QAM	25	25	22.45	22.51	22.46		
10	16QAM	50	0	22.47	22.57	22.55		
10	64QAM	1	0	22.54	22.64	22.55	23.5	2
10	64QAM	1	25	22.47	22.53	22.50		
10	64QAM	1	49	22.53	22.54	22.52		
10	64QAM	25	0	21.48	21.52	21.43	22.5	3
10	64QAM	25	12	21.38	21.47	21.39		
10	64QAM	25	25	21.36	21.47	21.42		
10	64QAM	50	0	21.54	21.56	21.54		
10	256QAM	1	0	19.50	19.57	19.50	20.5	5
10	256QAM	1	25	19.42	19.49	19.47		
10	256QAM	1	49	19.43	19.52	19.47		
10	256QAM	25	0	19.48	19.57	19.50	20.5	5
10	256QAM	25	12	19.37	19.47	19.44		
10	256QAM	25	25	19.46	19.53	19.44		
10	256QAM	50	0	19.53	19.56	19.50		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.37	24.50	24.46	25.5	0
5	QPSK	1	12	24.49	24.51	24.34		
5	QPSK	1	24	24.37	24.37	24.26		
5	QPSK	12	0	23.52	23.50	23.41	24.5	1
5	QPSK	12	7	23.33	23.42	23.39		
5	QPSK	12	13	23.39	23.43	23.36		
5	QPSK	25	0	23.44	23.43	23.38		
5	16QAM	1	0	23.61	23.64	23.65	24.5	1
5	16QAM	1	12	23.56	23.64	23.54		
5	16QAM	1	24	23.56	23.60	23.52		
5	16QAM	12	0	22.48	22.57	22.48	23.5	2
5	16QAM	12	7	22.33	22.37	22.41		
5	16QAM	12	13	22.44	22.48	22.41		
5	16QAM	25	0	22.46	22.55	22.50		
5	64QAM	1	0	22.50	22.61	22.49	23.5	2
5	64QAM	1	12	22.40	22.51	22.45		
5	64QAM	1	24	22.49	22.51	22.51		
5	64QAM	12	0	21.41	21.42	21.37	22.5	3
5	64QAM	12	7	21.29	21.44	21.28		
5	64QAM	12	13	21.31	21.41	21.35		
5	64QAM	25	0	21.44	21.47	21.48		
5	256QAM	1	0	19.43	19.54	19.48	20.5	5
5	256QAM	1	12	19.35	19.45	19.39		
5	256QAM	1	24	19.38	19.45	19.41		
5	256QAM	12	0	19.45	19.50	19.49	20.5	5
5	256QAM	12	7	19.36	19.45	19.35		
5	256QAM	12	13	19.39	19.43	19.34		
5	256QAM	25	0	19.48	19.50	19.44		

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BW [MHz]	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	24.49	24.54	24.45	25.5	0
15	QPSK	1	37	24.43	24.47	24.43		
15	QPSK	1	74	24.46	24.50	24.47		
15	QPSK	36	0	23.45	23.54	23.51	24.5	1
15	QPSK	36	20	23.40	23.51	23.41		
15	QPSK	36	39	23.34	23.45	23.38		
15	QPSK	75	0	23.50	23.57	23.52		
15	16QAM	1	0	23.46	23.57	23.56	24.5	1
15	16QAM	1	37	23.35	23.45	23.41		
15	16QAM	1	74	23.45	23.53	23.51		
15	16QAM	36	0	22.52	22.61	22.55	23.5	2
15	16QAM	36	20	22.56	22.58	22.52		
15	16QAM	36	39	22.48	22.55	22.52		
15	16QAM	75	0	22.49	22.54	22.47		
15	64QAM	1	0	22.51	22.57	22.52	23.5	2
15	64QAM	1	37	22.53	22.58	22.54		
15	64QAM	1	74	22.44	22.54	22.46		
15	64QAM	36	0	21.48	21.55	21.44	22.5	3
15	64QAM	36	20	21.44	21.50	21.47		
15	64QAM	36	39	21.50	21.53	21.45		
15	64QAM	75	0	21.42	21.50	21.42		
15	256QAM	1	0	19.45	19.51	19.45	20.5	5
15	256QAM	1	37	19.39	19.46	19.35		
15	256QAM	1	74	19.45	19.46	19.43		
15	256QAM	36	0	19.45	19.54	19.52	20.5	5
15	256QAM	36	20	19.38	19.44	19.35		
15	256QAM	36	39	19.38	19.47	19.42		
15	256QAM	75	0	19.34	19.43	19.36		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.45	24.45	24.44	25.5	0
10	QPSK	1	25	24.36	24.44	24.37		
10	QPSK	1	49	24.35	24.45	24.42		
10	QPSK	25	0	23.35	23.53	23.44	24.5	1
10	QPSK	25	12	23.32	23.44	23.35		
10	QPSK	25	25	23.30	23.39	23.32		
10	QPSK	50	0	23.46	23.56	23.48		
10	16QAM	1	0	23.45	23.56	23.48	24.5	1
10	16QAM	1	25	23.33	23.39	23.30		
10	16QAM	1	49	23.42	23.51	23.44		
10	16QAM	25	0	22.48	22.57	22.45	23.5	2
10	16QAM	25	12	22.55	22.49	22.47		
10	16QAM	25	25	22.43	22.49	22.42		
10	16QAM	50	0	22.46	22.49	22.37		
10	64QAM	1	0	22.41	22.50	22.49	23.5	2
10	64QAM	1	25	22.50	22.53	22.49		
10	64QAM	1	49	22.39	22.52	22.39		
10	64QAM	25	0	21.46	21.46	21.34	22.5	3
10	64QAM	25	12	21.42	21.44	21.46		
10	64QAM	25	25	21.48	21.42	21.37		
10	64QAM	50	0	21.33	21.39	21.39		
10	256QAM	1	0	19.43	19.43	19.43	20.5	5
10	256QAM	1	25	19.33	19.37	19.28		
10	256QAM	1	49	19.36	19.37	19.38		
10	256QAM	25	0	19.39	19.45	19.47	20.5	5
10	256QAM	25	12	19.33	19.36	19.29		
10	256QAM	25	25	19.28	19.37	19.40		
10	256QAM	50	0	19.26	19.39	19.31		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.47	24.45	24.41	25.5	0
5	QPSK	1	12	24.36	24.43	24.41		
5	QPSK	1	24	24.41	24.46	24.42		
5	QPSK	12	0	23.38	23.48	23.50	24.5	1
5	QPSK	12	7	23.37	23.44	23.38		
5	QPSK	12	13	23.31	23.40	23.34		
5	QPSK	25	0	23.47	23.47	23.51		
5	16QAM	1	0	23.41	23.52	23.53	24.5	1
5	16QAM	1	12	23.25	23.35	23.30		
5	16QAM	1	24	23.42	23.42	23.41		
5	16QAM	12	0	22.43	22.53	22.50	23.5	2
5	16QAM	12	7	22.50	22.55	22.43		
5	16QAM	12	13	22.44	22.54	22.44		
5	16QAM	25	0	22.41	22.44	22.37		
5	64QAM	1	0	22.45	22.50	22.47	23.5	2
5	64QAM	1	12	22.48	22.49	22.48		
5	64QAM	1	24	22.38	22.47	22.41		
5	64QAM	12	0	21.38	21.45	21.34	22.5	3
5	64QAM	12	7	21.42	21.42	21.45		
5	64QAM	12	13	21.49	21.50	21.38		
5	64QAM	25	0	21.34	21.40	21.40		
5	256QAM	1	0	19.42	19.41	19.39	20.5	5
5	256QAM	1	12	19.38	19.42	19.26		
5	256QAM	1	24	19.39	19.38	19.38		
5	256QAM	12	0	19.41	19.50	19.44	20.5	5
5	256QAM	12	7	19.30	19.36	19.30		
5	256QAM	12	13	19.36	19.37	19.32		
5	256QAM	25	0	19.31	19.33	19.28		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.40	24.53	24.38	25.5	0
3	QPSK	1	8	24.38	24.44	24.38		
3	QPSK	1	14	24.42	24.40	24.39		
3	QPSK	8	0	23.37	23.47	23.42	24.5	1
3	QPSK	8	4	23.32	23.49	23.30		
3	QPSK	8	7	23.33	23.40	23.29		
3	QPSK	15	0	23.51	23.54	23.43		
3	16QAM	1	0	23.43	23.46	23.46	24.5	1
3	16QAM	1	8	23.32	23.37	23.32		
3	16QAM	1	14	23.37	23.45	23.45		
3	16QAM	8	0	22.46	22.55	22.51	23.5	2
3	16QAM	8	4	22.50	22.48	22.42		
3	16QAM	8	7	22.41	22.49	22.51		
3	16QAM	15	0	22.39	22.52	22.36		
3	64QAM	1	0	22.41	22.46	22.44	23.5	2
3	64QAM	1	8	22.49	22.51	22.45		
3	64QAM	1	14	22.43	22.51	22.39		
3	64QAM	8	0	21.40	21.52	21.37	22.5	3
3	64QAM	8	4	21.34	21.40	21.39		
3	64QAM	8	7	21.41	21.46	21.42		
3	64QAM	15	0	21.35	21.41	21.38		
3	256QAM	1	0	19.41	19.45	19.36	20.5	5
3	256QAM	1	8	19.31	19.41	19.34		
3	256QAM	1	14	19.41	19.44	19.41		
3	256QAM	8	0	19.37	19.46	19.46	20.5	5
3	256QAM	8	4	19.28	19.35	19.34		
3	256QAM	8	7	19.33	19.46	19.40		
3	256QAM	15	0	19.23	19.38	19.32		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.38	24.52	24.35	25.5	0
1.4	QPSK	1	3	24.40	24.42	24.33		
1.4	QPSK	1	5	24.36	24.45	24.40		
1.4	QPSK	3	0	24.30	24.49	24.34		
1.4	QPSK	3	1	24.29	24.32	24.27		
1.4	QPSK	3	3	24.34	24.43	24.33		
1.4	QPSK	6	0	23.51	23.53	23.46	24.5	1
1.4	16QAM	1	0	23.42	23.48	23.48	24.5	1
1.4	16QAM	1	3	23.26	23.36	23.32		
1.4	16QAM	1	5	23.43	23.50	23.42		
1.4	16QAM	3	0	23.39	23.41	23.39		
1.4	16QAM	3	1	23.24	23.26	23.25		
1.4	16QAM	3	3	23.40	23.42	23.37		
1.4	16QAM	6	0	22.43	22.43	22.43	23.5	2
1.4	64QAM	1	0	22.42	22.48	22.44	23.5	2
1.4	64QAM	1	3	22.49	22.54	22.45		
1.4	64QAM	1	5	22.37	22.43	22.38		
1.4	64QAM	3	0	22.34	22.36	22.34		
1.4	64QAM	3	1	22.36	22.42	22.39		
1.4	64QAM	3	3	22.45	22.53	22.41		
1.4	64QAM	6	0	21.32	21.43	21.41	22.5	3
1.4	256QAM	1	0	19.35	19.42	19.40	20.5	5
1.4	256QAM	1	3	19.37	19.37	19.31		
1.4	256QAM	1	5	19.39	19.42	19.35		
1.4	256QAM	3	0	19.42	19.51	19.45		
1.4	256QAM	3	1	19.35	19.42	19.34		
1.4	256QAM	3	3	19.37	19.42	19.35		
1.4	256QAM	6	0	19.30	19.34	19.28	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.46	15.61	15.40	17.2	0
20	QPSK	1	49	15.46	15.41	15.33		
20	QPSK	1	99	15.39	15.42	15.37		
20	QPSK	50	0	15.39	15.54	15.37	17.2	0
20	QPSK	50	24	15.37	15.51	15.47		
20	QPSK	50	50	15.44	15.48	15.36		
20	QPSK	100	0	15.35	15.52	15.36		
20	16QAM	1	0	15.40	15.57	15.33	17.2	0
20	16QAM	1	49	15.42	15.34	15.24		
20	16QAM	1	99	15.35	15.38	15.31		
20	16QAM	50	0	15.28	15.47	15.33		
20	16QAM	50	24	15.26	15.42	15.42		
20	16QAM	50	50	15.35	15.45	15.33		
20	16QAM	100	0	15.29	15.45	15.27		
20	64QAM	1	0	15.40	15.60	15.38	17.2	0
20	64QAM	1	49	15.37	15.37	15.31		
20	64QAM	1	99	15.30	15.31	15.28		
20	64QAM	50	0	15.36	15.43	15.26		
20	64QAM	50	24	15.28	15.49	15.41		
20	64QAM	50	50	15.37	15.42	15.29		
20	64QAM	100	0	15.29	15.46	15.34		
20	256QAM	1	0	15.45	15.58	15.38	17.2	0
20	256QAM	1	49	15.37	15.30	15.28		
20	256QAM	1	99	15.34	15.40	15.29		
20	256QAM	50	0	15.36	15.45	15.35	17.2	0
20	256QAM	50	24	15.30	15.44	15.40		
20	256QAM	50	50	15.37	15.44	15.32		
20	256QAM	100	0	15.26	15.46	15.33		
Channel				132047	4	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.41	15.59	15.37	17.2	0
15	QPSK	1	37	15.37	15.31	15.27		
15	QPSK	1	74	15.37	15.33	15.34		
15	QPSK	36	0	15.35	15.48	15.28	17.2	0
15	QPSK	36	20	15.32	15.42	15.41		
15	QPSK	36	39	15.39	15.40	15.30		
15	QPSK	75	0	15.27	15.48	15.31		
15	16QAM	1	0	15.32	15.50	15.26	17.2	0
15	16QAM	1	37	15.36	15.26	15.31		
15	16QAM	1	74	15.27	15.29	15.25		
15	16QAM	36	0	15.24	15.41	15.31	17.2	0
15	16QAM	36	20	15.20	15.37	15.40		
15	16QAM	36	39	15.28	15.38	15.23		
15	16QAM	75	0	15.23	15.43	15.24		
15	64QAM	1	0	15.30	15.51	15.29	17.2	0
15	64QAM	1	37	15.33	15.29	15.26		
15	64QAM	1	74	15.25	15.21	15.31		
15	64QAM	36	0	15.34	15.36	15.20	17.2	0
15	64QAM	36	20	15.17	15.46	15.32		
15	64QAM	36	39	15.28	15.39	15.25		
15	64QAM	75	0	15.21	15.39	15.27		
15	256QAM	1	0	15.40	15.55	15.32	17.2	0
15	256QAM	1	37	15.35	15.24	15.25		
15	256QAM	1	74	15.27	15.31	15.20		
15	256QAM	36	0	15.31	15.38	15.25	17.2	0
15	256QAM	36	20	15.19	15.41	15.38		
15	256QAM	36	39	15.36	15.36	15.27		
15	256QAM	75	0	15.16	15.41	15.25		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.37	15.50	15.34	17.2	0
10	QPSK	1	25	15.45	15.30	15.25		
10	QPSK	1	49	15.36	15.36	15.33		
10	QPSK	25	0	15.35	15.43	15.28	17.2	0
10	QPSK	25	12	15.32	15.44	15.46		
10	QPSK	25	25	15.31	15.47	15.32		
10	QPSK	50	0	15.30	15.47	15.34		
10	16QAM	1	0	15.35	15.55	15.30	17.2	0
10	16QAM	1	25	15.36	15.27	15.31		
10	16QAM	1	49	15.31	15.31	15.27		
10	16QAM	25	0	15.22	15.43	15.24	17.2	0
10	16QAM	25	12	15.23	15.35	15.38		
10	16QAM	25	25	15.30	15.34	15.32		
10	16QAM	50	0	15.31	15.37	15.38		
10	64QAM	1	0	15.36	15.58	15.34	17.2	0
10	64QAM	1	25	15.30	15.30	15.20		
10	64QAM	1	49	15.24	15.21	15.21		
10	64QAM	25	0	15.28	15.35	15.21	17.2	0
10	64QAM	25	12	15.20	15.43	15.35		
10	64QAM	25	25	15.36	15.34	15.20		
10	64QAM	50	0	15.21	15.43	15.25		
10	256QAM	1	0	15.38	15.50	15.35	17.2	0
10	256QAM	1	25	15.33	15.28	15.38		
10	256QAM	1	49	15.32	15.38	15.23		
10	256QAM	25	0	15.34	15.35	15.26	17.2	0
10	256QAM	25	12	15.19	15.40	15.30		
10	256QAM	25	25	15.29	15.36	15.23		
10	256QAM	50	0	15.23	15.36	15.27		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.42	15.54	15.34	17.2	0
5	QPSK	1	12	15.44	15.31	15.30		
5	QPSK	1	24	15.30	15.38	15.29		
5	QPSK	12	0	15.30	15.52	15.34	17.2	0
5	QPSK	12	7	15.30	15.42	15.37		
5	QPSK	12	13	15.39	15.41	15.34		
5	QPSK	25	0	15.27	15.41	15.34		
5	16QAM	1	0	15.38	15.48	15.26	17.2	0
5	16QAM	1	12	15.40	15.26	15.21		
5	16QAM	1	24	15.28	15.37	15.21		
5	16QAM	12	0	15.20	15.42	15.24	17.2	0
5	16QAM	12	7	15.38	15.31	15.34		
5	16QAM	12	13	15.28	15.41	15.31		
5	16QAM	25	0	15.28	15.38	15.23		
5	64QAM	1	0	15.33	15.57	15.34	17.2	0
5	64QAM	1	12	15.32	15.35	15.22		
5	64QAM	1	24	15.27	15.22	15.36		
5	64QAM	12	0	15.30	15.36	15.23	17.2	0
5	64QAM	12	7	15.25	15.44	15.39		
5	64QAM	12	13	15.31	15.40	15.23		
5	64QAM	25	0	15.24	15.38	15.24		
5	256QAM	1	0	15.35	15.52	15.28	17.2	0
5	256QAM	1	12	15.35	15.23	15.38		
5	256QAM	1	24	15.27	15.36	15.27		
5	256QAM	12	0	15.27	15.42	15.30	17.2	0
5	256QAM	12	7	15.26	15.34	15.37		
5	256QAM	12	13	15.32	15.40	15.26		
5	256QAM	25	0	15.17	15.36	15.25		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.42	15.54	15.29	17.2	0
3	QPSK	1	8	15.43	15.39	15.28		
3	QPSK	1	14	15.35	15.37	15.35		
3	QPSK	8	0	15.36	15.50	15.26	17.2	0
3	QPSK	8	4	15.27	15.45	15.36		
3	QPSK	8	7	15.35	15.42	15.35		
3	QPSK	15	0	15.25	15.45	15.32		
3	16QAM	1	0	15.29	15.56	15.34	17.2	0
3	16QAM	1	8	15.37	15.27	15.20		
3	16QAM	1	14	15.26	15.32	15.30		
3	16QAM	8	0	15.25	15.45	15.23	17.2	0
3	16QAM	8	4	15.25	15.38	15.39		
3	16QAM	8	7	15.33	15.40	15.29		
3	16QAM	15	0	15.24	15.37	15.38	17.2	0
3	64QAM	1	0	15.37	15.52	15.28		
3	64QAM	1	8	15.31	15.27	15.24		
3	64QAM	1	14	15.23	15.29	15.38		
3	64QAM	8	0	15.27	15.39	15.23	17.2	0
3	64QAM	8	4	15.20	15.41	15.38		
3	64QAM	8	7	15.29	15.34	15.20		
3	64QAM	15	0	15.20	15.37	15.26		
3	256QAM	1	0	15.38	15.56	15.36	17.2	0
3	256QAM	1	8	15.35	15.26	15.20		
3	256QAM	1	14	15.28	15.37	15.21		
3	256QAM	8	0	15.27	15.39	15.27	17.2	0
3	256QAM	8	4	15.20	15.41	15.30		
3	256QAM	8	7	15.26	15.36	15.31		
3	256QAM	15	0	15.18	15.37	15.27		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.41	15.54	15.37	17.2	0
1.4	QPSK	1	3	15.38	15.30	15.23		
1.4	QPSK	1	5	15.35	15.39	15.32		
1.4	QPSK	3	0	15.31	15.45	15.35		
1.4	QPSK	3	1	15.29	15.46	15.40		
1.4	QPSK	3	3	15.37	15.41	15.28		
1.4	QPSK	6	0	15.30	15.46	15.29	17.2	0
1.4	16QAM	1	0	15.35	15.49	15.25	17.2	0
1.4	16QAM	1	3	15.32	15.24	15.27		
1.4	16QAM	1	5	15.25	15.29	15.22		
1.4	16QAM	3	0	15.25	15.38	15.30		

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BW [MHz]	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	23.08	23.24	22.93	23.7	0
20	QPSK	1	49	23.02	23.00	22.95		
20	QPSK	1	99	23.03	23.09	23.07		
20	QPSK	50	0	22.90	23.16	22.91	23.7	0
20	QPSK	50	24	23.07	23.15	23.06		
20	QPSK	50	50	23.06	23.06	22.97		
20	QPSK	100	0	23.05	23.06	22.97		
20	16QAM	1	0	23.01	23.16	22.86	23.7	0
20	16QAM	1	49	22.97	22.98	22.90		
20	16QAM	1	99	23.02	23.02	23.04		
20	16QAM	50	0	22.85	23.10	22.82	23.7	0
20	16QAM	50	24	23.02	23.05	23.01		
20	16QAM	50	50	23.04	22.96	22.89		
20	16QAM	100	0	22.96	22.99	22.87		
20	64QAM	1	0	23.02	23.12	23.04	23.7	0
20	64QAM	1	49	23.01	22.98	22.89		
20	64QAM	1	99	22.98	22.99	22.88		
20	64QAM	50	0	22.07	22.25	21.96	22.7	1
20	64QAM	50	24	22.02	22.01	21.96		
20	64QAM	50	50	22.04	22.05	22.05		
20	64QAM	100	0	21.90	22.15	21.93		
20	256QAM	1	0	20.05	20.29	19.97	20.7	3
20	256QAM	1	49	20.05	20.03	20.00		
20	256QAM	1	99	20.03	20.12	20.08		
20	256QAM	50	0	19.89	20.15	19.92	20.7	3
20	256QAM	50	24	20.10	20.16	20.08		
20	256QAM	50	50	20.05	20.02	19.97		
20	256QAM	100	0	20.07	20.10	19.97		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.97	23.15	22.90	23.7	0
15	QPSK	1	37	22.94	22.97	22.85		
15	QPSK	1	74	22.93	22.99	22.97		
15	QPSK	36	0	22.85	23.10	22.84	23.7	0
15	QPSK	36	20	23.02	23.07	22.98		
15	QPSK	36	39	22.99	23.02	22.93		
15	QPSK	75	0	23.03	23.04	22.87		
15	16QAM	1	0	22.96	23.07	22.76	23.7	0
15	16QAM	1	37	22.93	22.89	22.88		
15	16QAM	1	74	22.96	22.98	22.99		
15	16QAM	36	0	22.79	23.00	22.79	23.7	0
15	16QAM	36	20	22.98	23.00	22.97		
15	16QAM	36	39	23.03	22.93	22.87		
15	16QAM	75	0	22.87	22.92	22.79		
15	64QAM	1	0	22.99	23.04	22.99	23.7	0
15	64QAM	1	37	23.00	22.97	22.81		
15	64QAM	1	74	22.93	22.92	22.85		
15	64QAM	36	0	22.06	22.18	21.92	22.7	1
15	64QAM	36	20	22.00	21.94	21.92		
15	64QAM	36	39	21.95	21.94	21.99		
15	64QAM	75	0	21.82	22.09	21.91		
15	256QAM	1	0	19.99	20.22	19.95	20.7	3
15	256QAM	1	37	19.99	19.99	19.92		
15	256QAM	1	74	19.94	20.04	20.02		
15	256QAM	36	0	19.80	20.14	19.84	20.7	3
15	256QAM	36	20	20.06	20.08	20.06		
15	256QAM	36	39	20.00	19.97	19.91		
15	256QAM	75	0	20.04	20.04	19.91		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.03	23.20	22.87	23.7	0
10	QPSK	1	25	22.95	22.96	22.87		
10	QPSK	1	49	23.01	23.04	22.99		
10	QPSK	25	0	22.84	23.07	22.88	23.7	0
10	QPSK	25	12	22.97	23.13	23.02		
10	QPSK	25	25	23.00	23.01	22.87		
10	QPSK	50	0	23.01	23.01	22.95		
10	16QAM	1	0	22.92	23.09	22.82	23.7	0
10	16QAM	1	25	22.95	22.93	22.83		
10	16QAM	1	49	22.92	22.99	22.96		
10	16QAM	25	0	22.83	22.99	22.74	23.7	0
10	16QAM	25	12	23.00	22.98	22.92		
10	16QAM	25	25	23.03	22.94	22.83		
10	16QAM	50	0	22.92	22.96	22.86		
10	64QAM	1	0	22.99	23.03	22.94	23.7	0
10	64QAM	1	25	22.94	22.95	22.83		
10	64QAM	1	49	22.91	22.90	22.84		
10	64QAM	25	0	22.02	22.21	21.94	22.7	1
10	64QAM	25	12	21.96	21.92	21.89		
10	64QAM	25	25	21.94	22.01	21.95		
10	64QAM	50	0	21.81	22.13	21.92		
10	256QAM	1	0	19.94	20.24	19.88	20.7	3
10	256QAM	1	25	20.04	19.95	19.97		
10	256QAM	1	49	19.99	20.03	20.05		
10	256QAM	25	0	19.87	20.06	19.84	20.7	3
10	256QAM	25	12	20.01	20.07	20.00		
10	256QAM	25	25	20.03	19.94	19.88		
10	256QAM	50	0	20.00	20.06	19.93		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.04	23.14	22.87	23.7	0
5	QPSK	1	12	22.91	22.91	22.84		
5	QPSK	1	24	22.94	22.98	23.01		
5	QPSK	12	0	22.89	23.15	22.83	23.7	0
5	QPSK	12	7	23.02	23.11	23.04		
5	QPSK	12	13	23.04	22.99	22.87		
5	QPSK	25	0	22.99	23.03	22.90		
5	16QAM	1	0	22.98	23.13	22.75	23.7	0
5	16QAM	1	12	22.88	22.91	22.80		
5	16QAM	1	24	22.99	22.97	23.00		
5	16QAM	12	0	22.81	23.07	22.78	23.7	0
5	16QAM	12	7	22.96	22.98	22.92		
5	16QAM	12	13	22.96	22.86	22.85		
5	16QAM	25	0	22.88	22.97	22.85		
5	64QAM	1	0	22.99	23.07	23.01	23.7	0
5	64QAM	1	12	22.96	22.92	22.79		
5	64QAM	1	24	22.90	22.90	22.81		
5	64QAM	12	0	21.97	22.20	21.87	22.7	1
5	64QAM	12	7	22.01	21.98	21.92		
5	64QAM	12	13	21.98	22.01	22.02		
5	64QAM	25	0	21.86	22.10	21.87		
5	256QAM	1	0	19.99	20.20	19.93	20.7	3
5	256QAM	1	12	20.02	19.93	19.97		
5	256QAM	1	24	19.95	20.02	20.00		
5	256QAM	12	0	19.81	20.07	19.88	20.7	3
5	256QAM	12	7	20.04	20.14	20.07		
5	256QAM	12	13	19.95	19.92	19.89		
5	256QAM	25	0	20.04	20.01	19.92		

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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	23.02	23.09	23.25	22.74	22.70	23.7	0
20	QPSK	1	49	23.10	22.99	23.08	23.01	23.06		
20	QPSK	1	99	23.13	23.02	23.12	23.11	23.06		
20	QPSK	50	0	23.02	23.10	23.23	23.04	23.06	23.7	0
20	QPSK	50	24	23.09	23.12	23.13	23.08	23.08		
20	QPSK	50	50	22.99	23.01	23.21	23.07	23.08		
20	QPSK	100	0	23.16	22.98	23.20	23.13	23.01		
20	16QAM	1	0	22.93	23.02	23.20	22.72	22.62	23.7	0
20	16QAM	1	49	23.00	22.91	23.04	22.96	22.98		
20	16QAM	1	99	23.07	22.98	23.01	23.04	23.00		
20	16QAM	50	0	22.94	23.05	23.20	23.01	23.02	23.7	0
20	16QAM	50	24	23.03	23.09	23.09	23.01	23.06		
20	16QAM	50	50	22.95	22.96	23.13	22.98	23.01		
20	16QAM	100	0	23.09	22.96	23.18	23.08	22.98		
20	64QAM	1	0	22.96	23.03	23.23	22.63	22.65	23.7	0
20	64QAM	1	49	23.05	22.90	23.07	22.92	22.96		
20	64QAM	1	99	23.07	22.95	23.02	23.02	23.01		
20	64QAM	50	0	22.02	22.11	22.22	21.70	21.67	22.7	1
20	64QAM	50	24	22.06	21.97	22.11	21.99	22.09		
20	64QAM	50	50	22.14	21.98	22.13	22.09	22.02		
20	64QAM	100	0	22.00	22.06	22.23	22.02	22.06		
20	256QAM	1	0	19.98	20.08	20.24	19.72	19.74	20.7	3
20	256QAM	1	49	20.06	20.03	20.13	19.98	20.05		
20	256QAM	1	99	20.12	20.06	20.12	20.15	20.01		
20	256QAM	50	0	20.03	20.12	20.22	20.07	20.06	20.7	3
20	256QAM	50	24	20.08	20.16	20.13	20.03	20.12		
20	256QAM	50	50	20.03	19.97	20.23	20.05	20.07		
20	256QAM	100	0	20.16	19.97	20.18	20.11	19.98		
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	22.98	23.05	23.18	22.73	22.66	24	0
15	QPSK	1	37	23.04	22.97	22.97	22.91	23.01		
15	QPSK	1	74	23.11	22.97	23.09	23.04	23.02		
15	QPSK	36	0	22.98	23.08	23.21	23.01	23.01	23.7	0
15	QPSK	36	20	22.98	23.09	23.03	23.00	23.05		
15	QPSK	36	39	22.96	22.93	23.19	22.99	23.00		
15	QPSK	75	0	23.07	22.87	23.12	23.07	23.00		
15	16QAM	1	0	22.89	22.98	23.10	22.63	22.55	23.7	0
15	16QAM	1	37	22.94	22.83	23.01	22.92	22.97		
15	16QAM	1	74	23.03	22.91	23.00	22.96	22.95		
15	16QAM	36	0	22.91	22.99	23.17	22.98	22.97	23.7	0
15	16QAM	36	20	22.96	23.02	23.07	22.93	22.98		
15	16QAM	36	39	22.91	22.92	23.08	22.94	22.95		
15	16QAM	75	0	23.03	22.91	23.08	23.00	22.92		
15	64QAM	1	0	22.89	22.98	23.19	22.59	22.55	23.7	0
15	64QAM	1	37	23.01	22.85	23.02	22.81	22.87		
15	64QAM	1	74	23.04	22.90	22.99	22.94	22.99		
15	64QAM	36	0	21.92	22.08	22.18	21.65	21.58	22.7	1
15	64QAM	36	20	22.01	21.88	22.09	21.93	22.08		
15	64QAM	36	39	22.08	21.96	22.07	22.00	21.99		
15	64QAM	75	0	21.91	21.96	22.17	21.98	22.04		
15	256QAM	1	0	19.88	19.99	20.15	19.68	19.64	20.7	3
15	256QAM	1	37	20.04	20.02	20.08	19.88	20.04		
15	256QAM	1	74	20.10	19.96	20.03	20.11	19.96		
15	256QAM	36	0	19.95	20.02	20.17	19.97	20.04	20.7	3
15	256QAM	36	20	20.06	20.15	20.07	19.98	20.06		
15	256QAM	36	39	20.01	19.90	20.21	19.95	20.01		
15	256QAM	75	0	20.09	19.89	20.13	20.02	19.94		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.96	23.06	23.24	22.72	22.60	24	0
10	QPSK	1	25	23.08	22.98	23.01	22.94	22.98		
10	QPSK	1	49	23.09	22.95	23.06	23.00	23.04		
10	QPSK	25	0	22.92	23.01	23.14	23.01	23.03	23.7	0
10	QPSK	25	12	23.01	23.02	23.03	22.97	23.04		
10	QPSK	25	25	22.95	22.97	23.17	23.04	23.01		
10	QPSK	50	0	23.09	22.87	23.19	23.09	22.95		
10	16QAM	1	0	22.91	23.00	23.12	22.62	22.60	23.7	0
10	16QAM	1	25	22.90	22.84	22.99	22.93	22.96		
10	16QAM	1	49	22.99	22.96	22.95	22.95	22.98		
10	16QAM	25	0	22.93	23.03	23.14	22.91	22.97	23.7	0
10	16QAM	25	12	22.93	23.03	22.99	22.92	23.00		
10	16QAM	25	25	22.94	22.94	23.06	22.94	22.93		
10	16QAM	50	0	23.00	22.92	23.11	23.07	22.87		
10	64QAM	1	0	22.91	23.00	23.18	22.57	22.63	23.7	0
10	64QAM	1	25	22.98	22.80	23.05	22.82	22.94		
10	64QAM	1	49	23.02	22.89	22.99	22.95	22.95		
10	64QAM	25	0	21.98	22.05	22.20	21.68	21.64	22.7	1
10	64QAM	25	12	21.96	21.87	22.03	21.97	22.02		
10	64QAM	25	25	22.07	21.91	22.05	21.99	21.93		
10	64QAM	50	0	21.99	22.02	22.18	21.97	22.04		
10	256QAM	1	0	19.97	20.00	20.14	19.68	19.64	20.7	3
10	256QAM	1	25	19.98	20.01	20.04	19.93	19.98		
10	256QAM	1	49	20.02	19.95	20.10	20.10	19.92		
10	256QAM	25	0	19.98	20.03	20.13	19.99	20.04	20.7	3
10	256QAM	25	12	20.01	20.09	20.10	19.99	20.09		
10	256QAM	25	25	19.95	19.89	20.21	19.98	20.04		
10	256QAM	50	0	20.07	19.87	20.15	20.08	19.94		
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	22.95	23.07	23.18	22.64	22.68	24	0
5	QPSK	1	12	22.99	22.92	23.01	22.94	23.01		
5	QPSK	1	24	23.04	22.95	23.08	23.07	23.02		
5	QPSK	12	0	22.98	23.05	23.19	22.97	22.99	23.7	0
5	QPSK	12	7	23.01	23.03	23.10	23.00	23.04		
5	QPSK	12	13	22.94	22.96	23.12	23.00	22.98		
5	QPSK	25	0	23.13	22.89	23.10	23.09	22.98		
5	16QAM	1	0	22.82	22.97	23.15	22.70	22.61	23.7	0
5	16QAM	1	12	22.96	22.89	22.95	22.94	22.96		
5	16QAM	1	24	23.00	22.93	22.92	22.98	22.96		
5	16QAM	12	0	22.86	23.00	23.12	22.93	22.95	23.7	0
5	16QAM	12	7	22.95	23.02	23.02	22.94	23.02		
5	16QAM	12	13	22.86	22.91	23.09	22.91	22.97		
5	16QAM	25	0	23.03	22.85	23.15	23.00	22.91		
5	64QAM	1	0	22.94	22.93	23.15	22.53	22.61	23.7	0
5	64QAM	1	12	22.96	22.84	22.96	22.83	22.92		
5	64QAM	1	24	22.99	22.87	22.98	22.94	22.93		
5	64QAM	12	0	21.97	22.03	22.12	21.69	21.60	22.7	1
5	64QAM	12	7	21.96	21.89	22.09	21.91	22.08		
5	64QAM	12	13	22.13	21.91	22.04	22.07	21.93		
5	64QAM	25	0	21.95	22.03	22.14	21.93	21.98		
5	256QAM	1	0	19.89	20.03	20.13	19.69	19.70	20.7	3
5	256QAM	1	12	20.02	19.96	20.03	19.94	20.00		
5	256QAM	1	24	20.03	20.05	20.01	20.06	19.93		
5	256QAM	12	0	20.02	20.09	20.12	20.00	19.96	20.7	3
5	256QAM	12	7	20.04	20.06	20.03	19.98	20.04		
5	256QAM	12	13	19.98	19.86	20.17	19.95	19.98		
5	256QAM	25	0	20.10	19.91	20.14	20.07	19.91		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.67	21.85	21.66	23.5	0
20	QPSK	1	49	21.68	21.78	21.77		
20	QPSK	1	99	21.68	21.74	21.66		
20	QPSK	50	0	21.06	21.16	21.08	22.5	1
20	QPSK	50	24	21.00	21.15	21.02		
20	QPSK	50	50	21.05	21.10	21.06		
20	QPSK	100	0	21.09	21.14	21.12		
20	16QAM	1	0	21.16	21.20	21.14	22.5	1
20	16QAM	1	49	21.10	21.14	21.07		
20	16QAM	1	99	21.02	21.05	20.96		
20	16QAM	50	0	20.06	20.11	20.00	21.5	2
20	16QAM	50	24	20.05	20.10	20.07		
20	16QAM	50	50	19.98	20.01	19.93		
20	16QAM	100	0	20.06	20.08	20.07		
20	64QAM	1	0	20.32	20.40	20.35	21.5	2
20	64QAM	1	49	19.99	20.06	20.02		
20	64QAM	1	99	19.96	20.04	20.02		
20	64QAM	50	0	19.02	19.11	19.03	20.5	3
20	64QAM	50	24	19.06	19.10	19.06		
20	64QAM	50	50	18.99	19.07	19.01		
20	64QAM	100	0	18.98	19.07	19.03		
20	256QAM	1	0	17.03	17.07	17.02	18.5	5
20	256QAM	1	49	17.08	17.10	17.05		
20	256QAM	1	99	17.00	17.10	17.04		
20	256QAM	50	0	17.01	17.07	17.00	18.5	5
20	256QAM	50	24	16.98	17.07	16.98		
20	256QAM	50	50	16.99	17.07	16.99		
20	256QAM	100	0	17.02	17.12	17.10		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.66	21.75	21.57	23.5	0
15	QPSK	1	37	21.65	21.75	21.74		
15	QPSK	1	74	21.58	21.70	21.63		
15	QPSK	36	0	21.01	21.14	21.04	22.5	1
15	QPSK	36	20	20.97	20.98	20.97		
15	QPSK	36	39	20.97	21.01	20.95		
15	QPSK	75	0	21.08	21.11	21.03		
15	16QAM	1	0	21.11	21.14	21.09	22.5	1
15	16QAM	1	37	21.06	21.08	20.96		
15	16QAM	1	74	21.00	21.03	20.93		
15	16QAM	36	0	19.98	20.04	19.98	21.5	2
15	16QAM	36	20	20.00	20.08	19.96		
15	16QAM	36	39	19.94	19.93	19.86		
15	16QAM	75	0	19.98	20.07	19.99		
15	64QAM	1	0	20.23	20.31	20.34	21.5	2
15	64QAM	1	37	19.89	19.98	19.93		
15	64QAM	1	74	19.91	19.94	19.95		
15	64QAM	36	0	18.98	19.01	18.96	20.5	3
15	64QAM	36	20	19.00	19.09	19.03		
15	64QAM	36	39	18.95	19.02	18.93		
15	64QAM	75	0	18.91	19.04	18.96		
15	256QAM	1	0	16.93	17.02	16.99	18.5	5
15	256QAM	1	37	17.06	17.01	17.03		
15	256QAM	1	74	16.96	17.07	17.02		
15	256QAM	36	0	16.94	17.00	16.98	18.5	5
15	256QAM	36	20	16.93	16.98	16.88		
15	256QAM	36	39	16.94	16.97	16.92		
15	256QAM	75	0	16.96	17.09	17.05		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.61	21.78	21.60	23.5	0
10	QPSK	1	25	21.57	21.76	21.68		
10	QPSK	1	49	21.61	21.64	21.62		
10	QPSK	25	0	20.99	21.09	20.98	22.5	1
10	QPSK	25	12	20.96	21.03	20.94		
10	QPSK	25	25	20.95	20.99	21.00		
10	QPSK	50	0	21.02	21.12	21.08		
10	16QAM	1	0	21.11	21.10	21.08	22.5	1
10	16QAM	1	25	21.05	21.09	20.98		
10	16QAM	1	49	20.93	21.04	20.93		
10	16QAM	25	0	19.97	20.08	19.95	21.5	2
10	16QAM	25	12	19.97	20.03	20.00		
10	16QAM	25	25	19.91	19.92	19.88		
10	16QAM	50	0	19.98	19.98	20.00		
10	64QAM	1	0	20.28	20.36	20.30	21.5	2
10	64QAM	1	25	19.97	20.02	19.99		
10	64QAM	1	49	19.86	20.00	20.01		
10	64QAM	25	0	18.94	19.04	18.95	20.5	3
10	64QAM	25	12	18.98	19.06	18.96		
10	64QAM	25	25	18.91	19.00	18.93		
10	64QAM	50	0	18.95	18.99	18.94		
10	256QAM	1	0	17.01	17.00	16.93	18.5	5
10	256QAM	1	25	16.98	17.07	16.95		
10	256QAM	1	49	16.98	17.01	17.02		
10	256QAM	25	0	16.99	17.00	16.96	18.5	5
10	256QAM	25	12	16.96	17.01	16.96		
10	256QAM	25	25	16.95	17.00	16.96		
10	256QAM	50	0	16.94	17.10	17.04		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.56	21.74	21.62	23.5	0
5	QPSK	1	12	21.64	21.73	21.72		
5	QPSK	1	24	21.59	21.69	21.61		
5	QPSK	12	0	21.05	21.06	21.01	22.5	1
5	QPSK	12	7	20.91	21.06	21.01		
5	QPSK	12	13	20.96	21.08	20.98		
5	QPSK	25	0	21.03	21.10	21.03		
5	16QAM	1	0	21.07	21.18	21.07	22.5	1
5	16QAM	1	12	21.02	21.08	21.05		
5	16QAM	1	24	21.00	21.02	20.90		
5	16QAM	12	0	20.04	20.00	19.92	21.5	2
5	16QAM	12	7	20.00	20.08	20.02		
5	16QAM	12	13	19.95	19.94	19.85		
5	16QAM	25	0	20.04	20.04	19.96		
5	64QAM	1	0	20.21	20.38	20.30	21.5	2
5	64QAM	1	12	19.91	19.97	19.92		
5	64QAM	1	24	19.95	19.93	19.93		
5	64QAM	12	0	18.94	19.05	18.93	20.5	3
5	64QAM	12	7	18.98	19.06	19.02		
5	64QAM	12	13	18.90	18.99	18.93		
5	64QAM	25	0	18.91	18.97	18.93		
5	256QAM	1	0	17.00	16.97	16.92	18.5	5
5	256QAM	1	12	17.01	17.02	16.98		
5	256QAM	1	24	16.90	17.08	16.97		
5	256QAM	12	0	16.98	17.03	16.99	18.5	5
5	256QAM	12	7	16.89	17.04	16.95		
5	256QAM	12	13	16.98	16.98	16.91		
5	256QAM	25	0	16.93	17.02	17.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.05	22.19	22.01	22.15	23.8	0
20	QPSK	1	49	22.09	22.17	22.12	22.15		
20	QPSK	1	99	22.09	22.15	22.09	22.10		
20	QPSK	50	0	21.13	21.31	21.12	21.16	22.8	1
20	QPSK	50	24	21.08	21.23	21.11	21.12		
20	QPSK	50	50	21.08	21.16	21.07	21.12		
20	QPSK	100	0	21.00	21.07	20.97	20.97		
20	16QAM	1	0	21.04	21.12	21.08	21.06	22.8	1
20	16QAM	1	49	21.11	21.14	21.03	21.08		
20	16QAM	1	99	21.17	21.19	21.17	21.17		
20	16QAM	50	0	20.14	20.22	20.16	20.16	21.8	2
20	16QAM	50	24	20.12	20.16	20.05	20.15		
20	16QAM	50	50	20.19	20.23	20.17	20.13		
20	16QAM	100	0	20.17	20.18	20.13	20.10		
20	64QAM	1	0	20.08	20.18	20.10	20.15	21.8	2
20	64QAM	1	49	20.22	20.24	20.14	20.20		
20	64QAM	1	99	20.18	20.21	20.14	20.14		
20	64QAM	50	0	19.18	19.24	19.15	19.14	20.8	3
20	64QAM	50	24	19.08	19.17	19.13	19.10		
20	64QAM	50	50	19.12	19.17	19.09	19.06		
20	64QAM	100	0	19.09	19.18	19.14	19.12		
20	256QAM	1	0	17.17	17.23	17.17	17.14	18.8	5
20	256QAM	1	49	17.16	17.21	17.11	17.12		
20	256QAM	1	99	17.14	17.22	17.12	17.11		
20	256QAM	50	0	17.15	17.18	17.09	17.11	18.8	5
20	256QAM	50	24	17.18	17.20	17.19	17.19		
20	256QAM	50	50	17.10	17.15	17.06	17.13		
20	256QAM	100	0	17.10	17.16	17.12	17.13		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.97	22.12	21.93	22.10	23.8	0
15	QPSK	1	37	22.00	22.06	22.03	22.12		
15	QPSK	1	74	22.02	22.09	22.05	22.04		
15	QPSK	36	0	21.03	21.12	21.06	21.12	22.8	1
15	QPSK	36	20	21.07	21.13	21.06	21.04		
15	QPSK	36	39	20.98	21.05	21.03	21.07		
15	QPSK	75	0	20.99	21.00	20.91	20.89		
15	16QAM	1	0	20.97	21.03	21.01	21.00	22.8	1
15	16QAM	1	37	21.06	21.03	20.93	20.98		
15	16QAM	1	74	21.15	21.11	21.06	21.14		
15	16QAM	36	0	20.05	20.20	20.10	20.10	21.8	2
15	16QAM	36	20	20.09	20.14	19.95	20.07		
15	16QAM	36	39	20.09	20.21	20.12	20.06		
15	16QAM	75	0	20.06	20.16	20.10	20.05		
15	64QAM	1	0	20.01	20.08	20.08	20.10	21.8	2
15	64QAM	1	37	20.12	20.18	20.09	20.15		
15	64QAM	1	74	20.11	20.19	20.12	20.05		
15	64QAM	36	0	19.11	19.17	19.11	19.10	20.8	3
15	64QAM	36	20	19.02	19.11	19.10	19.03		
15	64QAM	36	39	19.02	19.08	19.06	19.04		
15	64QAM	75	0	18.99	19.13	19.12	19.04		
15	256QAM	1	0	17.16	17.17	17.09	17.07	18.8	5
15	256QAM	1	37	17.09	17.13	17.08	17.02		
15	256QAM	1	74	17.04	17.16	17.02	17.08		
15	256QAM	36	0	17.12	17.11	16.98	17.04	18.8	5
15	256QAM	36	20	17.09	17.13	17.16	17.15		
15	256QAM	36	39	17.07	17.05	17.03	17.05		
15	256QAM	75	0	17.07	17.13	17.05	17.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.99	22.15	21.95	22.11	23.8	0
10	QPSK	1	25	22.05	22.11	22.10	22.10		
10	QPSK	1	49	22.05	22.12	22.02	22.04		
10	QPSK	25	0	21.03	21.14	21.05	21.08	22.8	1
10	QPSK	25	12	21.06	21.11	21.08	21.08		
10	QPSK	25	25	20.99	21.14	20.96	21.03		
10	QPSK	50	0	20.98	20.96	20.94	20.96		
10	16QAM	1	0	21.01	21.04	20.97	20.96	22.8	1
10	16QAM	1	25	21.01	21.05	20.94	20.98		
10	16QAM	1	49	21.14	21.16	21.09	21.07		
10	16QAM	25	0	20.04	20.16	20.08	20.13	21.8	2
10	16QAM	25	12	20.04	20.05	19.96	20.06		
10	16QAM	25	25	20.12	20.21	20.09	20.08		
10	16QAM	50	0	20.15	20.13	20.02	20.00		
10	64QAM	1	0	20.01	20.13	20.08	20.14	21.8	2
10	64QAM	1	25	20.18	20.15	20.08	20.09		
10	64QAM	1	49	20.08	20.12	20.06	20.10		
10	64QAM	25	0	19.07	19.22	19.13	19.06	20.8	3
10	64QAM	25	12	19.03	19.06	19.09	19.00		
10	64QAM	25	25	19.11	19.06	19.03	18.98		
10	64QAM	50	0	19.04	19.12	19.05	19.11		
10	256QAM	1	0	17.10	17.17	17.12	17.06	18.8	5
10	256QAM	1	25	17.07	17.16	17.08	17.11		
10	256QAM	1	49	17.10	17.21	17.07	17.05		
10	256QAM	25	0	17.08	17.14	17.03	17.04	18.8	5
10	256QAM	25	12	17.17	17.10	17.12	17.16		
10	256QAM	25	25	17.02	17.04	17.01	17.06		
10	256QAM	50	0	17.01	17.06	17.09	17.09		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.98	22.10	21.91	22.12	23.8	0
5	QPSK	1	12	22.06	22.15	22.09	22.10		
5	QPSK	1	24	22.07	22.06	22.06	22.05		
5	QPSK	12	0	21.03	21.15	21.06	21.08	22.8	1
5	QPSK	12	7	20.98	21.13	21.00	21.04		
5	QPSK	12	13	20.97	21.13	20.99	21.01		
5	QPSK	25	0	20.93	21.01	20.95	20.88		
5	16QAM	1	0	20.94	21.03	20.99	20.99	22.8	1
5	16QAM	1	12	21.01	21.09	20.95	21.06		
5	16QAM	1	24	21.13	21.14	21.11	21.07		
5	16QAM	12	0	20.03	20.18	20.08	20.10	21.8	2
5	16QAM	12	7	20.03	20.06	19.99	20.11		
5	16QAM	12	13	20.08	20.18	20.15	20.03		
5	16QAM	25	0	20.09	20.08	20.10	20.00		
5	64QAM	1	0	20.02	20.13	20.06	20.07	21.8	2
5	64QAM	1	12	20.20	20.21	20.08	20.10		
5	64QAM	1	24	20.10	20.11	20.04	20.08		
5	64QAM	12	0	19.12	19.21	19.07	19.08	20.8	3
5	64QAM	12	7	19.02	19.11	19.04	19.03		
5	64QAM	12	13	19.10	19.08	19.06	19.02		
5	64QAM	25	0	19.07	19.08	19.08	19.03		
5	256QAM	1	0	17.12	17.13	17.07	17.09	18.8	5
5	256QAM	1	12	17.09	17.18	17.08	17.08		
5	256QAM	1	24	17.10	17.18	17.07	17.08		
5	256QAM	12	0	17.06	17.09	17.07	17.01	18.8	5
5	256QAM	12	7	17.09	17.15	17.11	17.09		
5	256QAM	12	13	17.03	17.09	17.02	17.10		
5	256QAM	25	0	17.06	17.11	17.11	17.03		

GSM1900 Ant5 DSI3

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.35	29.69	29.80	31.00	20.35	20.69	20.80	22.00
GPRS 1 Tx slot	29.69	29.75	29.81	31.00	20.69	20.75	20.61	22.00
GPRS 2 Tx slots	26.56	26.59	26.51	28.00	20.56	20.59	20.51	22.00
GPRS 3 Tx slots	24.54	24.65	24.55	26.20	20.28	20.39	20.29	21.94
GPRS 4 Tx slots	23.06	23.13	23.09	25.00	20.06	20.13	20.09	22.00
EDGE 1 Tx slot	24.35	24.39	24.35	25.50	15.35	15.39	15.35	16.50
EDGE 2 Tx slots	21.93	22.01	21.99	22.50	15.93	16.01	15.99	16.50
EDGE 3 Tx slots	20.19	20.27	20.19	20.70	15.93	16.01	15.93	16.44
EDGE 4 Tx slots	18.75	18.83	18.77	19.50	15.75	15.83	15.77	16.50

		WCDMA II Ant5 DSI3				WCDMA IV Ant5 DSI3			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.02	24.06	23.92	25.00	24.10	24.14	24.05	25.00
3GPP Rel 99	RMC 12.2Kbps	24.05	24.15	24.01	25.00	24.16	24.17	24.07	25.00
3GPP Rel 6	HSDPA Subtest-1	22.83	23.22	22.92	24.00	22.95	23.29	23.02	24.00
3GPP Rel 6	HSDPA Subtest-2	22.87	23.07	23.09	24.00	22.96	23.20	23.14	24.00
3GPP Rel 6	HSDPA Subtest-3	22.41	22.67	22.41	23.50	22.55	22.78	22.51	23.50
3GPP Rel 6	HSDPA Subtest-4	22.44	22.43	22.46	23.50	22.52	22.52	22.53	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.86	22.96	22.74	24.00	23.01	23.10	22.86	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.72	22.96	23.05	24.00	22.86	23.07	23.15	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.55	22.57	22.57	23.50	22.62	22.72	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.57	22.40	22.41	23.50	22.64	22.52	22.55	23.50
3GPP Rel 6	HSUPA Subtest-1	22.97	23.02	23.08	24.00	23.04	23.15	23.13	24.00
3GPP Rel 6	HSUPA Subtest-2	20.95	21.03	21.10	22.00	21.08	21.11	21.17	22.00
3GPP Rel 6	HSUPA Subtest-3	21.92	22.07	22.08	23.00	22.00	22.16	22.16	23.00
3GPP Rel 6	HSUPA Subtest-4	20.78	21.11	20.81	22.00	20.86	21.25	20.92	22.00
3GPP Rel 6	HSUPA Subtest-5	22.71	23.10	22.94	24.00	22.85	23.24	22.99	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.36	20.41	20.32	21.50	20.46	20.51	20.46	21.50

Band 2 Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.85	23.99	23.90	25	0
20	QPSK	1	49	23.88	23.93	23.83		
20	QPSK	1	99	23.86	23.89	23.82		
20	QPSK	50	0	22.90	23.07	22.93	24	1
20	QPSK	50	24	22.90	23.05	22.90		
20	QPSK	50	50	22.82	22.91	22.83		
20	QPSK	100	0	22.95	22.96	22.90		
20	16QAM	1	0	22.91	22.98	22.92	24	1
20	16QAM	1	49	22.81	22.87	22.80		
20	16QAM	1	99	22.82	22.90	22.88		
20	16QAM	50	0	21.74	21.85	21.75	23	2
20	16QAM	50	24	21.72	21.77	21.71		
20	16QAM	50	50	21.74	21.82	21.72		
20	16QAM	100	0	21.93	21.97	21.93		
20	64QAM	1	0	21.78	21.86	21.78	23	2
20	64QAM	1	49	21.66	21.75	21.68		
20	64QAM	1	99	21.66	21.75	21.66		
20	64QAM	50	0	20.54	20.62	20.59	22	3
20	64QAM	50	24	20.45	20.56	20.48		
20	64QAM	50	50	20.42	20.53	20.42		
20	64QAM	100	0	20.70	20.79	20.73		
20	256QAM	1	0	19.09	19.15	19.13	20	5
20	256QAM	1	49	18.94	19.04	18.96		
20	256QAM	1	99	19.08	19.10	19.02		
20	256QAM	50	0	18.65	18.72	18.68	20	5
20	256QAM	50	24	18.61	18.62	18.56		
20	256QAM	50	50	18.65	18.69	18.62		
20	256QAM	100	0	18.62	18.72	18.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.79	23.93	23.87	25	0
15	QPSK	1	37	23.79	23.88	23.77		
15	QPSK	1	74	23.80	23.85	23.76		
15	QPSK	36	0	22.83	22.92	22.88	24	1
15	QPSK	36	20	22.86	22.89	22.83		
15	QPSK	36	39	22.78	22.82	22.77		
15	QPSK	75	0	22.90	22.93	22.86		
15	16QAM	1	0	22.86	22.88	22.85	24	1
15	16QAM	1	37	22.78	22.84	22.74		
15	16QAM	1	74	22.74	22.86	22.85		
15	16QAM	36	0	21.68	21.82	21.70	23	2
15	16QAM	36	20	21.63	21.69	21.61		
15	16QAM	36	39	21.67	21.80	21.69		
15	16QAM	75	0	21.87	21.93	21.90		
15	64QAM	1	0	21.74	21.79	21.68	23	2
15	64QAM	1	37	21.57	21.68	21.57		
15	64QAM	1	74	21.61	21.72	21.59		
15	64QAM	36	0	20.45	20.51	20.54	22	3
15	64QAM	36	20	20.44	20.48	20.42		
15	64QAM	36	39	20.35	20.49	20.34		
15	64QAM	75	0	20.65	20.74	20.64		
15	256QAM	1	0	19.08	19.13	19.11	20	5
15	256QAM	1	37	18.85	18.96	18.95		
15	256QAM	1	74	18.97	19.08	18.97		
15	256QAM	36	0	18.61	18.67	18.67	20	5
15	256QAM	36	20	18.53	18.57	18.48		
15	256QAM	36	39	18.60	18.64	18.54		
15	256QAM	75	0	18.57	18.62	18.60		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.75	23.92	23.84	25	0
10	QPSK	1	25	23.86	23.85	23.73		
10	QPSK	1	49	23.75	23.81	23.77		
10	QPSK	25	0	22.83	22.87	22.90	24	1
10	QPSK	25	12	22.87	22.90	22.86		
10	QPSK	25	25	22.79	22.87	22.81		
10	QPSK	50	0	22.90	22.87	22.87		
10	16QAM	1	0	22.83	22.87	22.84	24	1
10	16QAM	1	25	22.79	22.82	22.75		
10	16QAM	1	49	22.76	22.88	22.78		
10	16QAM	25	0	21.69	21.78	21.68	23	2
10	16QAM	25	12	21.65	21.75	21.64		
10	16QAM	25	25	21.73	21.77	21.63		
10	16QAM	50	0	21.91	21.86	21.84		
10	64QAM	1	0	21.69	21.83	21.71	23	2
10	64QAM	1	25	21.63	21.67	21.61		
10	64QAM	1	49	21.63	21.73	21.57		
10	64QAM	25	0	20.48	20.61	20.50	22	3
10	64QAM	25	12	20.43	20.54	20.45		
10	64QAM	25	25	20.37	20.48	20.37		
10	64QAM	50	0	20.60	20.74	20.67		
10	256QAM	1	0	19.07	19.04	19.06	20	5
10	256QAM	1	25	18.86	18.98	18.87		
10	256QAM	1	49	19.02	19.02	18.95		
10	256QAM	25	0	18.60	18.63	18.66	20	5
10	256QAM	25	12	18.59	18.56	18.47		
10	256QAM	25	25	18.54	18.60	18.53		
10	256QAM	50	0	18.61	18.61	18.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.76	23.96	23.82	25	0
5	QPSK	1	12	23.87	23.89	23.79		
5	QPSK	1	24	23.80	23.86	23.78		
5	QPSK	12	0	22.89	22.86	22.91	24	1
5	QPSK	12	7	22.87	22.86	22.82		
5	QPSK	12	13	22.78	22.83	22.76		
5	QPSK	25	0	22.89	22.86	22.81		
5	16QAM	1	0	22.86	22.93	22.84	24	1
5	16QAM	1	12	22.74	22.82	22.77		
5	16QAM	1	24	22.80	22.80	22.85		
5	16QAM	12	0	21.69	21.76	21.65	23	2
5	16QAM	12	7	21.64	21.68	21.66		
5	16QAM	12	13	21.63	21.80	21.61		
5	16QAM	25	0	21.85	21.87	21.92		
5	64QAM	1	0	21.76	21.84	21.69	23	2
5	64QAM	1	12	21.60	21.67	21.66		
5	64QAM	1	24	21.57	21.72	21.58		
5	64QAM	12	0	20.48	20.58	20.49	22	3
5	64QAM	12	7	20.43	20.50	20.45		
5	64QAM	12	13	20.39	20.46	20.37		
5	64QAM	25	0	20.59	20.76	20.65		
5	256QAM	1	0	19.05	19.09	19.04	20	5
5	256QAM	1	12	18.90	19.02	18.88		
5	256QAM	1	24	19.00	19.09	18.99		
5	256QAM	12	0	18.59	18.65	18.67	20	5
5	256QAM	12	7	18.54	18.61	18.53		
5	256QAM	12	13	18.56	18.64	18.61		
5	256QAM	25	0	18.56	18.63	18.61		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.77	23.89	23.86	25	0
3	QPSK	1	8	23.86	23.91	23.80		
3	QPSK	1	14	23.78	23.86	23.72		
3	QPSK	8	0	22.87	22.94	22.91	24	1
3	QPSK	8	4	22.82	22.92	22.82		
3	QPSK	8	7	22.77	22.89	22.77		
3	QPSK	15	0	22.91	22.93	22.82		
3	16QAM	1	0	22.84	22.93	22.88	24	1
3	16QAM	1	8	22.74	22.80	22.76		
3	16QAM	1	14	22.74	22.84	22.78		
3	16QAM	8	0	21.69	21.83	21.74	23	2
3	16QAM	8	4	21.67	21.67	21.67		
3	16QAM	8	7	21.73	21.73	21.62		
3	16QAM	15	0	21.84	21.94	21.86		
3	64QAM	1	0	21.67	21.77	21.68	23	2
3	64QAM	1	8	21.56	21.72	21.58		
3	64QAM	1	14	21.55	21.73	21.57		
3	64QAM	8	0	20.47	20.57	20.49	22	3
3	64QAM	8	4	20.38	20.46	20.43		
3	64QAM	8	7	20.32	20.47	20.36		
3	64QAM	15	0	20.64	20.72	20.65		
3	256QAM	1	0	19.04	19.11	19.02	20	5
3	256QAM	1	8	18.87	18.97	18.92		
3	256QAM	1	14	18.98	19.00	18.98		
3	256QAM	8	0	18.58	18.69	18.58	20	5
3	256QAM	8	4	18.50	18.58	18.54		
3	256QAM	8	7	18.55	18.66	18.53		
3	256QAM	15	0	18.57	18.65	18.61		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.82	23.92	23.86	25	0
1.4	QPSK	1	3	23.84	23.83	23.75		
1.4	QPSK	1	5	23.76	23.83	23.81		
1.4	QPSK	3	0	23.80	23.96	23.87		
1.4	QPSK	3	1	23.86	23.88	23.78		
1.4	QPSK	3	3	23.83	23.86	23.79	24	1
1.4	QPSK	6	0	22.88	22.91	22.88		
1.4	16QAM	1	0	22.83	22.96	22.83	24	1
1.4	16QAM	1	3	22.80	22.81	22.70		
1.4	16QAM	1	5	22.73	22.85	22.85		
1.4	16QAM	3	0	22.83	22.91	22.87		
1.4	16QAM	3	1	22.78	22.82	22.78		
1.4	16QAM	3	3	22.74	22.80	22.84		
1.4	16QAM	6	0	21.82	21.92	21.86	23	2
1.4	64QAM	1	0	21.72	21.85	21.69	23	2
1.4	64QAM	1	3	21.60	21.68	21.67		
1.4	64QAM	1	5	21.59	21.69	21.63		
1.4	64QAM	3	0	21.72	21.79	21.77		
1.4	64QAM	3	1	21.57	21.72	21.60		
1.4	64QAM	3	3	21.56	21.68	21.64		
1.4	64QAM	6	0	20.65	20.75	20.69	22	3
1.4	256QAM	1	0	19.06	19.08	19.10	20	5
1.4	256QAM	1	3	18.90	18.99	18.88		
1.4	256QAM	1	5	19.00	19.02	18.93		
1.4	256QAM	3	0	18.60	18.70	18.63		
1.4	256QAM	3	1	18.52	18.56	18.51		
1.4	256QAM	3	3	18.64	18.61	18.52		
1.4	256QAM	6	0	18.53	18.68	18.66	20	5

Band 4 Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.66	24.79	24.74	25.7	0
20	QPSK	1	49	24.70	24.71	24.61		
20	QPSK	1	99	24.67	24.70	24.61		
20	QPSK	50	0	23.58	23.69	23.56	24.7	1
20	QPSK	50	24	23.54	23.68	23.55		
20	QPSK	50	50	23.53	23.56	23.51		
20	QPSK	100	0	23.66	23.69	23.63		
20	16QAM	1	0	23.72	23.82	23.71	24.7	1
20	16QAM	1	49	23.58	23.60	23.51		
20	16QAM	1	99	23.41	23.51	23.40		
20	16QAM	50	0	22.59	22.63	22.61	23.7	2
20	16QAM	50	24	22.49	22.52	22.49		
20	16QAM	50	50	22.59	22.61	22.60		
20	16QAM	100	0	22.69	22.71	22.66		
20	64QAM	1	0	23.66	23.90	23.25	23.7	2
20	64QAM	1	49	22.54	22.56	22.51		
20	64QAM	1	99	22.52	22.59	22.56		
20	64QAM	50	0	21.59	21.69	21.62	22.7	3
20	64QAM	50	24	21.55	21.62	21.59		
20	64QAM	50	50	21.55	21.63	21.59		
20	64QAM	100	0	21.61	21.71	21.70		
20	256QAM	1	0	19.54	19.65	19.56	20.7	5
20	256QAM	1	49	19.57	19.58	19.57		
20	256QAM	1	99	19.55	19.58	19.50		
20	256QAM	50	0	19.58	19.67	19.64	20.7	5
20	256QAM	50	24	19.49	19.54	19.44		
20	256QAM	50	50	19.57	19.59	19.52		
20	256QAM	100	0	19.54	19.64	19.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.57	24.69	24.65	25.7	0
15	QPSK	1	37	24.57	24.68	24.59		
15	QPSK	1	74	24.57	24.66	24.52		
15	QPSK	36	0	23.55	23.55	23.45	24.7	1
15	QPSK	36	20	23.48	23.54	23.54		
15	QPSK	36	39	23.47	23.47	23.46		
15	QPSK	75	0	23.63	23.65	23.59		
15	16QAM	1	0	23.66	23.75	23.62	24.7	1
15	16QAM	1	37	23.50	23.50	23.45		
15	16QAM	1	74	23.41	23.41	23.34		
15	16QAM	36	0	22.52	22.62	22.51	23.7	2
15	16QAM	36	20	22.39	22.44	22.40		
15	16QAM	36	39	22.55	22.54	22.56		
15	16QAM	75	0	22.64	22.66	22.57		
15	64QAM	1	0	23.24	23.28	23.15	23.7	2
15	64QAM	1	37	22.50	22.50	22.43		
15	64QAM	1	74	22.42	22.52	22.53		
15	64QAM	36	0	21.56	21.61	21.51	22.7	3
15	64QAM	36	20	21.48	21.42	21.56		
15	64QAM	36	39	21.50	21.56	21.53		
15	64QAM	75	0	21.52	21.62	21.65		
15	256QAM	1	0	19.51	19.64	19.45	20.7	5
15	256QAM	1	37	19.47	19.53	19.51		
15	256QAM	1	74	19.46	19.51	19.41		
15	256QAM	36	0	19.49	19.57	19.54	20.7	5
15	256QAM	36	20	19.40	19.44	19.36		
15	256QAM	36	39	19.39	19.43	19.36		
15	256QAM	75	0	19.50	19.60	19.53		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.62	24.72	24.70	25.7	0
10	QPSK	1	25	24.62	24.63	24.55		
10	QPSK	1	49	24.60	24.69	24.60		
10	QPSK	25	0	23.49	23.58	23.49	24.7	1
10	QPSK	25	12	23.49	23.54	23.54		
10	QPSK	25	25	23.42	23.45	23.47		
10	QPSK	50	0	23.63	23.60	23.60		
10	16QAM	1	0	23.68	23.80	23.63	24.7	1
10	16QAM	1	25	23.56	23.55	23.45		
10	16QAM	1	49	23.46	23.46	23.38		
10	16QAM	25	0	22.51	22.53	22.58	23.7	2
10	16QAM	25	12	22.45	22.42	22.47		
10	16QAM	25	25	22.50	22.55	22.52		
10	16QAM	50	0	22.65	22.60	22.62		
10	64QAM	1	0	23.17	23.20	23.18	23.7	2
10	64QAM	1	25	22.46	22.52	22.44		
10	64QAM	1	49	22.44	22.51	22.52		
10	64QAM	25	0	21.50	21.60	21.58	22.7	3
10	64QAM	25	12	21.51	21.59	21.50		
10	64QAM	25	25	21.45	21.59	21.49		
10	64QAM	50	0	21.55	21.64	21.65		
10	256QAM	1	0	19.53	19.52	19.55	20.7	5
10	256QAM	1	25	19.53	19.48	19.54		
10	256QAM	1	49	19.53	19.48	19.41		
10	256QAM	25	0	19.50	19.57	19.54	20.7	5
10	256QAM	25	25	19.55	19.57	19.42		
10	256QAM	50	0	19.52	19.56	19.46		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.65	24.71	24.66	25.7	0
5	QPSK	1	12	24.65	24.62	24.56		
5	QPSK	1	24	24.59	24.65	24.54		
5	QPSK	12	0	23.54	23.57	23.50	24.7	1
5	QPSK	12	7	23.49	23.46	23.46		
5	QPSK	12	13	23.46	23.51	23.44		
5	QPSK	25	0	23.61	23.63	23.53		
5	16QAM	1	0	23.64	23.80	23.69	24.7	1
5	16QAM	1	12	23.50	23.50	23.40		
5	16QAM	1	24	23.32	23.45	23.37		
5	16QAM	12	0	22.57	22.54	22.56	23.7	2
5	16QAM	12	7	22.48	22.44	22.44		
5	16QAM	12	13	22.58	22.58	22.58		
5	16QAM	25	0	22.67	22.67	22.63		
5	64QAM	1	0	23.25	23.23	23.23	23.7	2
5	64QAM	1	12	22.48	22.45	22.45		
5	64QAM	1	24	22.51	22.51	22.53		
5	64QAM	12	0	21.50	21.61	21.61	22.7	3
5	64QAM	12	7	21.46	21.55	21.55		
5	64QAM	12	13	21.53	21.57	21.56		
5	64QAM	25	0	21.59	21.69	21.69		
5	256QAM	1	0	19.46	19.55	19.54	20.7	5
5	256QAM	1	12	19.48	19.50	19.56		
5	256QAM	1	24	19.47	19.50	19.44		
5	256QAM	12	0	19.48	19.65	19.60	20.7	5
5	256QAM	12	7	19.43	19.52	19.38		
5	256QAM	12	13	19.48	19.56	19.50		
5	256QAM	25	0	19.44	19.54	19.52		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.61	24.69	24.68	25.7	0
3	QPSK	1	8	24.61	24.64	24.54		
3	QPSK	1	14	24.57	24.65	24.56		
3	QPSK	8	0	23.55	23.55	23.49	24.7	1
3	QPSK	8	4	23.45	23.52	23.50		
3	QPSK	8	7	23.43	23.49	23.44		
3	QPSK	15	0	23.58	23.65	23.57		
3	16QAM	1	0	23.61	23.75	23.68	24.7	1
3	16QAM	1	8	23.57	23.59	23.43		
3	16QAM	1	14	23.35	23.44	23.29		
3	16QAM	8	0	22.48	22.59	22.56	23.7	2
3	16QAM	8	4	22.44	22.45	22.47		
3	16QAM	8	7	22.51	22.60	22.50		
3	16QAM	15	0	22.63	22.65	22.60		
3	64QAM	1	0	23.25	23.20	23.20	23.7	2
3	64QAM	1	8	22.50	22.50	22.47		
3	64QAM	1	14	22.44	22.54	22.45		
3	64QAM	8	0	21.56	21.64	21.57	22.7	3
3	64QAM	8	4	21.44	21.56	21.53		
3	64QAM	8	7	21.46	21.54	21.52		
3	64QAM	15	0	21.55	21.68	21.66		
3	256QAM	1	0	19.49	19.58	19.55	20.7	5
3	256QAM	1	8	19.46	19.54	19.48		
3	256QAM	1	14	19.47	19.53	19.43		
3	256QAM	8	0	19.50	19.59	19.61	20.7	5
3	256QAM	8	4	19.38	19.43	19.37		
3	256QAM	8	7	19.49	19.48	19.45		
3	256QAM	15	0	19.50	19.58	19.53		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.63	24.76	24.67	25.7	0
1.4	QPSK	1	3	24.64	24.70	24.50		
1.4	QPSK	1	5	24.63	24.66	24.52		
1.4	QPSK	3	0	24.57	24.71	24.73		
1.4	QPSK	3	1	24.66	24.69	24.55		
1.4	QPSK	3	3	24.65	24.61	24.55	24.7	1
1.4	QPSK	6	0	23.58	23.59	23.59		
1.4	16QAM	1	0	23.66	23.71	23.69	24.7	1
1.4	16QAM	1	3	23.57	23.50	23.47		
1.4	16QAM	1	5	23.39	23.48	23.33		
1.4	16QAM	3	0	23.71	23.73	23.65		
1.4	16QAM	3	1	23.47	23.50	23.49		
1.4	16QAM	3	3	23.38	23.42	23.31		
1.4	16QAM	6	0	22.60	22.61	22.62	23.7	2
1.4	64QAM	1	0	23.22	23.23	23.20	23.7	2
1.4	64QAM	1	3	22.44	22.54	22.49		
1.4	64QAM	1	5	22.46	22.55	22.51		
1.4	64QAM	3	0	23.17	23.29	23.24		
1.4	64QAM	3	1	22.51	22.52	22.52		
1.4	64QAM	3	3	22.41	22.57	22.52		
1.4	64QAM	6	0	21.56	21.64	21.65	22.7	3
1.4	256QAM	1	0	19.46	19.60	19.49	20.7	5
1.4	256QAM	1	3	19.55	19.49	19.48		
1.4	256QAM	1	5	19.53	19.48	19.47		
1.4	256QAM	3	0	19.48	19.64	19.56		
1.4	256QAM	3	1	19.43	19.47	19.34		
1.4	256QAM	3	3	19.53	19.48	19.44		
1.4	256QAM	6	0	19.44	19.53	19.56	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.88	24.95	24.84	25.7	0
20	QPSK	1	49	24.79	24.87	24.79		
20	QPSK	1	99	24.70	24.75	24.72		
20	QPSK	50	0	23.91	23.96	23.85	24.7	1
20	QPSK	50	24	23.82	23.95	23.87		
20	QPSK	50	50	23.84	23.91	23.90		
20	QPSK	100	0	23.74	23.77	23.70		
20	16QAM	1	0	23.83	23.84	23.74	24.7	1
20	16QAM	1	49	23.71	23.82	23.74		
20	16QAM	1	99	23.67	23.73	23.66		
20	16QAM	50	0	22.70	22.75	22.72	23.7	2
20	16QAM	50	24	22.69	22.71	22.62		
20	16QAM	50	50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	25.19	25.24	25.17	25.7	0
20	QPSK	1	49	25.14	25.18	25.16		
20	QPSK	1	99	25.22	25.23	25.21		
20	QPSK	50	0	24.16	24.32	24.20	24.7	1
20	QPSK	50	24	24.08	24.29	24.13		
20	QPSK	50	50	24.12	24.17	24.15		
20	QPSK	100	0	24.12	24.21	24.19		
20	16QAM	1	0	24.22	24.31	24.30		
20	16QAM	1	49	24.07	24.15	24.09	24.7	1
20	16QAM	1	99	24.14	24.18	24.15		
20	16QAM	50	0	23.34	23.35	23.28	23.7	2
20	16QAM	50	24	23.23	23.26	23.19		
20	16QAM	50	50	23.26	23.34	23.24		
20	16QAM	100	0	23.15	23.21	23.11		
20	64QAM	1	0	23.38	23.43	23.33	23.7	2
20	64QAM	1	49	23.24	23.29	23.27		
20	64QAM	1	99	23.31	23.32	23.23		
20	64QAM	50	0	22.20	22.31	22.29	22.7	3
20	64QAM	50	24	22.18	22.25	22.23		
20	64QAM	50	50	22.18	22.26	22.21		
20	64QAM	100	0	22.18	22.20	22.11		
20	256QAM	1	0	20.09	20.14	20.07	20.7	5
20	256QAM	1	49	20.02	20.08	20.05		
20	256QAM	1	99	19.96	20.05	19.99		
20	256QAM	50	0	20.20	20.22	20.14	20.7	5
20	256QAM	50	24	20.06	20.11	20.03		
20	256QAM	50	50	20.03	20.07	19.98		
20	256QAM	100	0	20.17	20.20	20.11		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	25.18	25.16	25.12	25.7	0
15	QPSK	1	37	25.06	25.14	25.10		
15	QPSK	1	74	25.15	25.17	25.15		
15	QPSK	36	0	24.12	24.16	24.11	24.7	1
15	QPSK	36	20	24.06	24.08	24.07		
15	QPSK	36	39	24.01	24.15	24.10		
15	QPSK	75	0	24.03	24.17	24.11		
15	16QAM	1	0	24.19	24.22	24.27	24.7	1
15	16QAM	1	37	23.97	24.10	23.98		
15	16QAM	1	74	24.10	24.10	24.14		
15	16QAM	36	0	23.32	23.33	23.18	23.7	2
15	16QAM	36	20	23.17	23.23	23.17		
15	16QAM	36	39	23.15	23.23	23.19		
15	16QAM	75	0	23.09	23.13	23.05		
15	64QAM	1	0	23.35	23.33	23.24	23.7	2
15	64QAM	1	37	23.16	23.24	23.25		
15	64QAM	1	74	23.24	23.26	23.20		
15	64QAM	36	0	22.10	22.28	22.18	22.7	3
15	64QAM	36	20	22.17	22.17	22.18		
15	64QAM	36	39	22.08	22.22	22.16		
15	64QAM	75	0	22.16	22.14	22.03		
15	256QAM	1	0	19.99	20.08	19.97	20.7	5
15	256QAM	1	37	19.98	20.02	19.96		
15	256QAM	1	74	19.91	20.03	19.89		
15	256QAM	36	0	20.17	20.19	20.10	20.7	5
15	256QAM	36	20	20.04	20.00	19.98		
15	256QAM	36	39	19.92	20.04	19.97		
15	256QAM	75	0	20.13	20.16	20.10		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	25.18	25.13	25.16	25.7	0
10	QPSK	1	25	25.12	25.13	25.07		
10	QPSK	1	49	25.18	25.19	25.16		
10	QPSK	25	0	24.15	24.21	24.17	24.7	1
10	QPSK	25	12	23.97	24.10	24.08		
10	QPSK	25	25	24.04	24.12	24.14		
10	QPSK	50	0	24.01	24.20	24.17		
10	16QAM	1	0	24.14	24.24	24.20	24.7	1
10	16QAM	1	25	24.00	24.10	24.01		
10	16QAM	1	49	24.04	24.09	24.11		
10	16QAM	25	0	23.27	23.30	23.25	23.7	2
10	16QAM	25	12	23.21	23.20	23.12		
10	16QAM	25	25	23.22	23.31	23.16		
10	16QAM	50	0	23.08	23.11	23.02		
10	64QAM	1	0	23.31	23.38	23.24	23.7	2
10	64QAM	1	25	23.22	23.22	23.25		
10	64QAM	1	49	23.26	23.24	23.17		
10	64QAM	25	0	22.10	22.27	22.23	22.7	3
10	64QAM	25	12	22.07	22.19	22.19		
10	64QAM	25	25	22.13	22.16	22.16		
10	64QAM	50	0	22.13	22.18	22.06		
10	256QAM	1	0	20.07	20.04	20.00	20.7	5
10	256QAM	1	25	19.97	20.03	19.97		
10	256QAM	1	49	19.91	19.96	19.90		
10	256QAM	25	0	20.09	20.17	20.04	20.7	5
10	256QAM	25	12	20.01	20.04	19.99		
10	256QAM	25	25	20.01	20.06	19.96		
10	256QAM	50	0	20.12	20.16	20.05		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	25.15	25.14	25.08	25.7	0
5	QPSK	1	12	25.04	25.09	25.15		
5	QPSK	1	24	25.11	25.16	25.11		
5	QPSK	12	0	24.08	24.14	24.12	24.7	1
5	QPSK	12	7	23.99	24.11	24.08		
5	QPSK	12	13	24.02	24.11	24.05		
5	QPSK	25	0	24.05	24.17	24.17		
5	16QAM	1	0	24.14	24.23	24.25	24.7	1
5	16QAM	1	12	24.04	24.09	24.03		
5	16QAM	1	24	24.06	24.09	24.12		
5	16QAM	12	0	23.23	23.25	23.26	23.7	2
5	16QAM	12	7	23.15	23.20	23.16		
5	16QAM	12	13	23.25	23.24	23.19		
5	16QAM	25	0	23.09	23.15	23.02		
5	64QAM	1	0	23.36	23.35	23.27	23.7	2
5	64QAM	1	12	23.19	23.27	23.25		
5	64QAM	1	24	23.22	23.28	23.21		
5	64QAM	12	0	22.15	22.24	22.25	22.7	3
5	64QAM	12	7	22.11	22.23	22.19		
5	64QAM	12	13	22.14	22.20	22.15		
5	64QAM	25	0	22.07	22.12	22.06		
5	256QAM	1	0	19.98	20.04	19.98	20.7	5
5	256QAM	1	12	19.97	20.01	19.95		
5	256QAM	1	24	19.94	20.00	19.94		
5	256QAM	12	0	20.11	20.19	20.05	20.7	5
5	256QAM	12	7	20.00	20.08	19.97		
5	256QAM	12	13	20.01	19.98	19.93		
5	256QAM	25	0	20.11	20.10	20.02		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.11	25.12	25.24	25.20	25.11	25.7	0
20	QPSK	1	49	25.13	25.09	25.14	25.07	25.06		
20	QPSK	1	99	25.17	25.12	25.22	25.17	25.13		
20	QPSK	50	0	23.87	23.84	24.06	23.89	23.86	24.7	1
20	QPSK	50	24	23.83	23.83	24.05	23.80	23.79		
20	QPSK	50	50	23.81	23.83	23.91	23.82	23.89		
20	QPSK	100	0	23.88	23.84	23.90	23.81	23.83		
20	16QAM	1	0	23.86	23.85	23.94	23.90	23.86		
20	16QAM	1	49	23.78	23.82	23.89	23.87	23.82	24.7	1
20	16QAM	1	99	23.84	23.82	23.90	23.83	23.84		
20	16QAM	50	0	22.92	22.91	22.97	22.92	22.95	23.7	2
20	16QAM	50	24	22.83	22.88	22.90	22.84	22.82		
20	16QAM	50	50	22.81	22.87	22.92	22.81	22.83		
20	16QAM	100	0	22.84	22.89	22.95	22.88	22.90		
20	64QAM	1	0	22.97	22.95	23.05	22.95	23.02	23.7	2
20	64QAM	1	49	22.90	22.90	22.96	22.93	22.87		
20	64QAM	1	99	22.90	22.90	22.93	22.89	22.84		
20	64QAM	50	0	21.91	21.86	21.96	21.95	21.90	22.7	3
20	64QAM	50	24	21.83	21.85	21.89	21.81	21.88		
20	64QAM	50	50	21.85	21.82	21.88	21.79	21.85		
20	64QAM	100	0	21.95	21.89	21.98	21.94	21.97		
20	256QAM	1	0	19.93	19.89	19.95	19.88	19.90	20.7	5
20	256QAM	1	49	19.84	19.90	19.92	19.81	19.82		
20	256QAM	1	99	19.89	19.84	19.92	19.86	19.90		
20	256QAM	50	0	19.87	19.87	19.95	19.90	19.87	20.7	5
20	256QAM	50	24	19.82	19.86	19.88	19.81	19.85		
20	256QAM	50	50	19.82	19.75	19.84	19.77	19.80		
20	256QAM	100	0	19.93	19.98	19.99	19.93	19.96		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.07	25.10	25.16	25.09	25.07	26	0
15	QPSK	1	37	25.03	24.98	25.03	24.99	24.97		
15	QPSK	1	74	25.15	25.10	25.14	25.13	25.05		
15	QPSK	36	0	23.86	23.75	23.90	23.87	23.78	24.7	1
15	QPSK	36	20	23.75	23.72	23.78	23.74	23.70		
15	QPSK	36	39	23.76	23.81	23.89	23.71	23.79		
15	QPSK	75	0	23.85	23.80	23.87	23.77	23.78		
15	16QAM	1	0	23.75	23.81	23.85	23.87	23.78	24.7	1
15	16QAM	1	37	23.70	23.78	23.86	23.76	23.79		
15	16QAM	1	74	23.78	23.71	23.85	23.76	23.77		
15	16QAM	36	0	22.85	22.89	22.95	22.85	22.94	23.7	2
15	16QAM	36	20	22.75	22.87	22.88	22.80	22.76		
15	16QAM	36	39	22.71	22.79	22.90	22.78	22.80		
15	16QAM	75	0	22.82	22.84	22.87	22.85	22.87		
15	64QAM	1	0	22.91	22.90	23.01	22.85	22.97	23.7	2
15	64QAM	1	37	22.84	22.86	22.86	22.87	22.77		
15	64QAM	1	74	22.87	22.80	22.91	22.83	22.74		
15	64QAM	36	0	21.88	21.76	21.87	21.88	21.86	22.7	3
15	64QAM	36	20	21.81	21.83	21.88	21.72	21.83		
15	64QAM	36	39	21.77	21.79	21.82	21.73	21.80		
15	64QAM	75	0	21.89	21.86	21.87	21.85	21.87		
15	256QAM	1	0	19.91	19.83	19.91	19.77	19.88	20.7	5
15	256QAM	1	37	19.78	19.87	19.85	19.79	19.80		
15	256QAM	1	74	19.85	19.80	19.81	19.82	19.82		
15	256QAM	36	0	19.79	19.83	19.87	19.88	19.78	20.7	5
15	256QAM	36	20	19.80	19.85	19.77	19.73	19.76		
15	256QAM	36	39	19.74	19.73	19.79	19.70	19.77		
15	256QAM	75	0	19.86	19.91	19.96	19.84	19.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.04	25.06	25.14	25.18	25.05	26	0
10	QPSK	1	25	25.12	25.06	25.07	25.00	24.98		
10	QPSK	1	49	25.07	25.04	25.19	25.11	25.12		
10	QPSK	25	0	23.81	23.80	23.90	23.83	23.81	24.7	1
10	QPSK	25	12	23.76	23.74	23.85	23.71	23.74		
10	QPSK	25	25	23.72	23.75	23.84	23.77	23.84		
10	QPSK	50	0	23.78	23.81	23.88	23.75	23.82		
10	16QAM	1	0	23.76	23.79	23.92	23.89	23.80	24.7	1
10	16QAM	1	25	23.75	23.79	23.87	23.81	23.77		
10	16QAM	1	49	23.79	23.73	23.86	23.74	23.79		
10	16QAM	25	0	22.86	22.81	22.96	22.89	22.87	23.7	2
10	16QAM	25	12	22.81	22.86	22.94	22.80	22.74		
10	16QAM	25	25	22.78	22.83	22.90	22.79	22.75		
10	16QAM	50	0	22.81	22.80	22.87	22.83	22.84		
10	64QAM	1	0	22.90	22.84	22.96	22.88	22.98	23.7	2
10	64QAM	1	25	22.87	22.82	22.89	22.87	22.80		
10	64QAM	1	49	22.80	22.81	22.87	22.82	22.81		
10	64QAM	25	0	21.81	21.76	21.93	21.89	21.85	22.7	3
10	64QAM	25	12	21.74	21.79	21.82	21.78	21.79		
10	64QAM	25	25	21.82	21.72	21.80	21.78	21.84		
10	64QAM	50	0	21.87	21.85	21.95	21.85	21.88		
10	256QAM	1	0	19.88	19.78	19.92	19.86	19.80	20.7	5
10	256QAM	1	25	19.83	19.83	19.86	19.72	19.79		
10	256QAM	1	49	19.81	19.74	19.88	19.80	19.86		
10	256QAM	25	0	19.83	19.80	19.88	19.86	19.84	20.7	5
10	256QAM	25	12	19.75	19.75	19.78	19.77	19.80		
10	256QAM	25	25	19.75	19.67	19.80	19.68	19.74		
10	256QAM	50	0	19.90	19.88	19.89	19.91	19.91		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.00	25.08	25.19	25.17	25.01	26	0
5	QPSK	1	12	25.12	25.02	25.04	25.00	24.99		
5	QPSK	1	24	25.12	25.02	25.13	25.07	25.06		
5	QPSK	12	0	23.82	23.78	23.86	23.85	23.81	24.7	1
5	QPSK	12	7	23.75	23.75	23.80	23.70	23.68		
5	QPSK	12	13	23.75	23.79	23.85	23.77	23.88		
5	QPSK	25	0	23.76	23.79	23.81	23.71	23.76		
5	16QAM	1	0	23.80	23.75	23.86	23.86	23.76	24.7	1
5	16QAM	1	12	23.75	23.72	23.79	23.84	23.79		
5	16QAM	1	24	23.74	23.74	23.83	23.80	23.76		
5	16QAM	12	0	22.84	22.82	22.91	22.89	22.85	23.7	2
5	16QAM	12	7	22.79	22.79	22.83	22.82	22.79		
5	16QAM	12	13	22.72	22.79	22.91	22.75	22.78		
5	16QAM	25	0	22.78	22.81	22.89	22.82	22.85		
5	64QAM	1	0	22.93	22.87	23.00	22.89	22.97	23.7	2
5	64QAM	1	12	22.87	22.87	22.89	22.86	22.77		
5	64QAM	1	24	22.80	22.79	22.89	22.80	22.82		
5	64QAM	12	0	21.84	21.79	21.89	21.88	21.87	22.7	3
5	64QAM	12	7	21.77	21.83	21.78	21.72	21.79		
5	64QAM	12	13	21.82	21.72	21.78	21.72	21.83		
5	64QAM	25	0	21.92	21.85	21.92	21.87	21.89		
5	256QAM	1	0	19.90	19.83	19.91	19.79	19.86	20.7	5
5	256QAM	1	12	19.80	19.88	19.85	19.79	19.80		
5	256QAM	1	24	19.81	19.81	19.83	19.81	19.79		
5	256QAM	12	0	19.84	19.78	19.93	19.80	19.85	20.7	5
5	256QAM	12	7	19.78	19.81	19.83	19.71	19.83		
5	256QAM	12	13	19.81	19.67	19.82	19.76	19.73		
5	256QAM	25	0	19.92	19.91	19.88	19.91	19.86		

	GSM1900 Ant6 DSI3							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.40	29.50	29.41	30.50	20.40	20.50	20.41	21.50
GPRS 1 Tx slot	29.47	29.49	29.46	30.50	20.47	20.49	20.46	21.50
GPRS 2 Tx slots	26.68	26.76	26.70	27.50	20.68	20.76	20.70	21.50
GPRS 3 Tx slots	24.86	24.88	24.80	25.70	20.60	20.62	20.54	21.44
GPRS 4 Tx slots	23.65	23.66	23.57	24.50	20.65	20.66	20.57	21.50
EDGE 1 Tx slot	24.14	24.19	24.09	25.00	15.14	15.19	15.09	16.00
EDGE 2 Tx slots	21.75	21.82	21.74	22.00	15.75	15.82	15.74	16.00
EDGE 3 Tx slots	19.97	20.06	19.97	20.20	15.71	15.80	15.71	15.94
EDGE 4 Tx slots	18.55	18.61	18.53	19.00	15.55	15.61	15.53	16.00

		WCDMA II Ant6 DSI3				WCDMA IV Ant6 DSI3			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.33	23.51	23.37	25.00	23.23	23.30	23.12	25.00
3GPP Rel 99	RMC 12.2Kbps	23.41	23.54	23.46	25.00	23.24	23.36	23.22	25.00
3GPP Rel 6	HSDPA Subtest-1	22.55	22.65	22.59	24.00	22.23	22.33	22.27	24.00
3GPP Rel 6	HSDPA Subtest-2	22.41	22.49	22.38	24.00	22.07	22.23	22.07	24.00
3GPP Rel 6	HSDPA Subtest-3	22.00	22.05	21.95	23.50	21.74	21.74	21.61	23.50
3GPP Rel 6	HSDPA Subtest-4	21.70	21.79	21.76	23.50	21.68	21.70	21.51	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.34	22.40	22.37	24.00	22.00	22.14	22.07	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.37	22.41	22.36	24.00	22.07	22.12	22.06	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.86	21.93	21.91	23.50	21.52	21.64	21.60	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.66	21.76	21.71	23.50	21.63	21.73	21.51	23.50
3GPP Rel 6	HSUPA Subtest-1	22.35	22.39	22.33	24.00	22.08	22.09	22.02	24.00
3GPP Rel 6	HSUPA Subtest-2	20.42	20.45	20.42	22.00	20.07	20.13	20.16	22.00
3GPP Rel 6	HSUPA Subtest-3	21.39	21.43	21.34	23.00	21.11	21.10	21.09	23.00
3GPP Rel 6	HSUPA Subtest-4	20.47	20.51	20.49	22.00	20.21	20.24	20.19	22.00
3GPP Rel 6	HSUPA Subtest-5	22.45	22.47	22.44	24.00	22.12	22.19	22.14	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.78	19.86	19.80	21.50	19.57	19.52	19.50	21.50

Band 2 Ant6 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			18700	18900	19100		
	Frequency (MHz)			1860	1880	1900		
20	QPSK	1	0	23.17	23.36	23.24		
20	QPSK	1	49	23.27	23.30	23.21	25	0
20	QPSK	1	99	23.26	23.34	23.32		
20	QPSK	50	0	22.47	22.55	22.48		
20	QPSK	50	24	22.31	22.53	22.35	24	1
20	QPSK	50	50	22.31	22.40	22.37		
20	QPSK	100	0	22.38	22.43	22.36		
20	16QAM	1	0	22.49	22.60	22.52		
20	16QAM	1	49	22.35	22.40	22.37	24	1
20	16QAM	1	99	22.39	22.43	22.40		
20	16QAM	50	0	21.36	21.47	21.45		
20	16QAM	50	24	21.36	21.38	21.34	23	2
20	16QAM	50	50	21.35	21.39	21.35		
20	16QAM	100	0	21.48	21.56	21.52		
20	64QAM	1	0	21.50	21.59	21.57		
20	64QAM	1	49	21.35	21.41	21.37	23	2
20	64QAM	1	99	21.33	21.37	21.34		
20	64QAM	50	0	20.36	20.42	20.36		
20	64QAM	50	24	20.26	20.33	20.32	22	3
20	64QAM	50	50	20.31	20.34	20.27		
20	64QAM	100	0	20.47	20.49	20.40		
20	256QAM	1	0	18.44	18.46	18.36		
20	256QAM	1	49	18.36	18.45	18.35	20	5
20	256QAM	1	99	18.26	18.36	18.30		
20	256QAM	50	0	18.41	18.42	18.37		
20	256QAM	50	24	18.29	18.37	18.30	20	5
20	256QAM	50	50	18.39	18.40	18.30		
20	256QAM	100	0	18.42	18.49	18.44		
	Channel			18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1857.5	1880	1902.5		
15	QPSK	1	0	23.08	23.27	23.18		
15	QPSK	1	37	23.19	23.26	23.20	25	0
15	QPSK	1	74	23.15	23.29	23.31		
15	QPSK	36	0	22.45	22.43	22.39		
15	QPSK	36	20	22.26	22.33	22.29	24	1
15	QPSK	36	39	22.23	22.35	22.36		
15	QPSK	75	0	22.29	22.40	22.33		
15	16QAM	1	0	22.43	22.50	22.47		
15	16QAM	1	37	22.30	22.30	22.29	24	1
15	16QAM	1	74	22.35	22.33	22.32		
15	16QAM	36	0	21.30	21.40	21.35		
15	16QAM	36	20	21.33	21.33	21.25	23	2
15	16QAM	36	39	21.24	21.35	21.30		
15	16QAM	75	0	21.40	21.45	21.43		
15	64QAM	1	0	21.45	21.58	21.50		
15	64QAM	1	37	21.32	21.38	21.35	23	2
15	64QAM	1	74	21.28	21.33	21.24		
15	64QAM	36	0	20.26	20.38	20.28		
15	64QAM	36	20	20.18	20.26	20.22	22	3
15	64QAM	36	39	20.29	20.28	20.25		
15	64QAM	75	0	20.45	20.43	20.34		
15	256QAM	1	0	18.34	18.40	18.32		
15	256QAM	1	37	18.31	18.43	18.24	20	5
15	256QAM	1	74	18.19	18.27	18.21		
15	256QAM	36	0	18.39	18.41	18.36		
15	256QAM	36	20	18.23	18.34	18.28	20	5
15	256QAM	36	39	18.31	18.36	18.28		
15	256QAM	75	0	18.41	18.47	18.39		
	Channel			18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1855	1880	1905		
10	QPSK	1	0	23.15	23.29	23.22		
10	QPSK	1	25	23.23	23.29	23.13	25	0
10	QPSK	1	49	23.20	23.26	23.25		
10	QPSK	25	0	22.42	22.48	22.45		
10	QPSK	25	12	22.21	22.33	22.28	24	1
10	QPSK	25	25	22.23	22.39	22.31		
10	QPSK	50	0	22.30	22.36	22.27		
10	16QAM	1	0	22.47	22.53	22.43		
10	16QAM	1	25	22.29	22.32	22.27	24	1
10	16QAM	1	49	22.36	22.35	22.34		
10	16QAM	25	0	21.34	21.42	21.40		
10	16QAM	25	12	21.28	21.32	21.32	23	2
10	16QAM	25	25	21.32	21.37	21.34		
10	16QAM	50	0	21.38	21.51	21.47		
10	64QAM	1	0	21.48	21.58	21.47		
10	64QAM	1	25	21.26	21.39	21.27	23	2
10	64QAM	1	49	21.32	21.31	21.28		
10	64QAM	25	0	20.33	20.39	20.27		
10	64QAM	25	12	20.20	20.26	20.24	22	3
10	64QAM	25	25	20.26	20.28	20.25		
10	64QAM	50	0	20.45	20.42	20.35		
10	256QAM	1	0	18.37	18.36	18.32		
10	256QAM	1	25	18.33	18.36	18.34	20	5
10	256QAM	1	49	18.17	18.32	18.28		
10	256QAM	25	0	18.39	18.32	18.35		
10	256QAM	25	12	18.20	18.34	18.25	20	5
10	256QAM	25	25	18.32	18.38	18.29		
10	256QAM	50	0	18.36	18.44	18.35		
	Channel			18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1852.5	1880	1907.5		
5	QPSK	1	0	23.10	23.32	23.18		
5	QPSK	1	12	23.18	23.26	23.14	25	0
5	QPSK	1	24	23.20	23.27	23.29		
5	QPSK	12	0	22.38	22.48	22.41		
5	QPSK	12	7	22.23	22.40	22.33	24	1
5	QPSK	12	13	22.23	22.33	22.27		
5	QPSK	25	0	22.28	22.41	22.26		
5	16QAM	1	0	22.48	22.53	22.50		
5	16QAM	1	12	22.32	22.31	22.30	24	1
5	16QAM	1	24	22.30	22.36	22.32		
5	16QAM	12	0	21.28	21.43	21.43		
5	16QAM	12	7	21.33	21.36	21.32	23	2
5	16QAM	12	13	21.32	21.30	21.33		
5	16QAM	25	0	21.44	21.49	21.44		
5	64QAM	1	0	21.42	21.55	21.48		
5	64QAM	1	12	21.28	21.31	21.34	23	2
5	64QAM	1	24	21.30	21.30	21.25		
5	64QAM	12	0	20.31	20.35	20.30		
5	64QAM	12	7	20.16	20.28	20.28	22	3
5	64QAM	12	13	20.26	20.28	20.23		
5	64QAM	25	0	20.39	20.44	20.36		
5	256QAM	1	0	18.36	18.39	18.27		
5	256QAM	1	12	18.27	18.43	18.29	20	5
5	256QAM	1	24	18.22	18.34	18.29		
5	256QAM	12	0	18.32	18.38	18.31		
5	256QAM	12	7	18.18	18.35	18.29	20	5
5	256QAM	12	13	18.32	18.33	18.19		
5	256QAM	25	0	18.33	18.47	18.35		
	Channel			18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1851.5	1880	1908.5		
3	QPSK	1	0	23.08	23.26	23.18		
3	QPSK	1	8	23.19	23.26	23.16	25	0
3	QPSK	1	14	23.17	23.27	23.22		
3	QPSK	8	0	22.46	22.42	22.42		
3	QPSK	8	4	22.29	22.32	22.28	24	1
3	QPSK	8	7	22.26	22.37	22.29		
3	QPSK	15	0	22.34	22.40	22.27		
3	16QAM	1	0	22.41	22.50	22.49		
3	16QAM	1	8	22.31	22.34	22.30	24	1
3	16QAM	1	14	22.29	22.40	22.33		
3	16QAM	8	0	21.28	21.40	21.34		
3	16QAM	8	4	21.33	21.32	21.28	23	2
3	16QAM	8	7	21.26	21.34	21.28		
3	16QAM	15	0	21.46	21.47	21.42		
3	64QAM	1	0	21.42	21.51	21.50		
3	64QAM	1	8	21.29	21.31	21.28	23	2
3	64QAM	1	14	21.27	21.35	21.30		
3	64QAM	8	0	20.28	20.40	20.32		
3	64QAM	8	4	20.20	20.31	20.24	22	3
3	64QAM	8	7	20.21	20.25	20.21		
3	64QAM	15	0	20.40	20.47	20.35		
3	256QAM	1	0	18.33	18.39	18.35		
3	256QAM	1	8	18.34	18.37	18.28	20	5
3	256QAM	1	14	18.15	18.27	18.26		
3	256QAM	8	0	18.39	18.37	18.35		
3	256QAM	8	4	18.21	18.29	18.26	20	5
3	256QAM	8	7	18.37	18.33	18.25		
3	256QAM	15	0	18.40	18.40	18.43		
	Channel			18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1850.7	1880	1909.3		
1.4	QPSK	1	0	23.13	23.27	23.15		
1.4	QPSK	1	3	23.23	23.26	23.18		
1.4	QPSK	1	5	23.17	23.31	23.28	25	0
1.4	QPSK	3	0	23.12	23.25	23.14		
1.4	QPSK	3	1	23.22	23.20	23.14		
1.4	QPSK	3	3	23.17	23.30	23.23		
1.4	QPSK	6	0	22.34	22.41	22.27	24	1
1.4	16QAM	1	0	22.45	22.57	22.49		
1.4	16QAM	1	3	22.26	22.36	22.33		
1.4	16QAM	1	5	22.35	22.32	22.34	24	1
1.4	16QAM	3	0	22.43	22.50	22.45		
1.4	16QAM	3	1	22.29	22.38	22.36		
1.4	16QAM	3	3	22.30	22.32	22.29		
1.4	16QAM	6	0	21.42	21.47	21.46	23	2
1.4	64QAM	1	0	21.42	21.51	21.51		
1.4	64QAM	1	3	21.31	21.35	21.35		
1.4	64QAM	1	5	21.29	21.31	21.23	23	2
1.4	64QAM	3	0	21.46	21.50	21.55		
1.4	64QAM	3	1	21.26	21.39	21.31		
1.4	64QAM	3	3	21.28	21.27	21.23		
1.4	64QAM	6	0	20.41	20.46	20.31	22	3
1.4	256QAM	1	0	18.41	18.43	18.27		
1.4	256QAM	1	3	18.34	18.38	18.29		
1.4	256QAM	1	5	18.15	18.26	18.20	20	5
1.4	256QAM	3	0	18.33	18.32	18.32		
1.4	256QAM	3	1	18.20	18.28	18.27		
1.4	256QAM	3	3	18.30	18.30	18.22		
1.4	256QAM	6	0	18.39	18.40	18.35	20	5

Band 4 Ant6 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20050	20175	20300		
	Frequency (MHz)			1720	1732.5	1745		
20	QPSK	1	0	23.89	23.99	23.81		
20	QPSK	1	49	23.89	23.92	23.86	25.7	0
20	QPSK	1	99	23.86	23.95	23.90		
20	QPSK	50	0	23.30	23.36	23.24		
20	QPSK	50	24	23.23	23.35	23.20	24.7	1
20	QPSK	50	50	23.24	23.30	23.20		
20	QPSK	100	0	23.21	23.31	23.24		
20	16QAM	1	0	23.69	23.73	23.63		
20	16QAM	1	49	23.60	23.68	23.61	24.7	1
20	16QAM	1	99	23.59	23.69	23.63		
20	16QAM	50	0	22.21	22.31	22.24		
20	16QAM	50	24	22.14	22.23	22.20	23.7	2
20	16QAM	50	50	22.15	22.21	22.19		
20	16QAM	100	0	22.27	22.35	22.24		
20	64QAM	1	0	22.88	22.92	22.90		
20	64QAM	1	49	22.83	22.87	22.90	23.7	2
20	64QAM	1	99	22.81	22.89	22.79		
20	64QAM	50	0	21.27	21.33	21.30		
20	64QAM	50	24	21.23	21.24	21.19	22.7	3
20	64QAM	50	50	21.14	21.24	21.20		
20	64QAM	100	0	21.29	21.38	21.29		
20	256QAM	1	0	19.30	19.36	19.28		
20	256QAM	1	49	19.18	19.28	19.17	20.7	5
20	256QAM	1	99	19.22	19.27	19.20		
20	256QAM	50	0	19.32	19.35	19.25		
20	256QAM	50	24	19.22	19.26	19.19	20.7	5
20	256QAM	50	50	19.22	19.33	19.23		
20	256QAM	100	0	19.19	19.29	19.27		
	Channel			20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	23.82	23.88	23.75		
15	QPSK	1	37	23.88	23.86	23.76	25.7	0
15	QPSK	1	74	23.79	23.93	23.80		
15	QPSK	36	0	23.27	23.26	23.20		
15	QPSK	36	20	23.18	23.17	23.14	24.7	1
15	QPSK	36	39	23.22	23.21	23.11		
15	QPSK	75	0	23.16	23.23	23.22		
15	16QAM	1	0	23.63	23.64	23.52		
15	16QAM	1	37	23.49	23.60	23.56	24.7	1
15	16QAM	1	74	23.51	23.60	23.52		
15	16QAM	36	0	22.18	22.28	22.18		
15	16QAM	36	20	22.12	22.22	22.18	23.7	2
15	16QAM	36	39	22.09	22.15	22.09		
15	16QAM	75	0	22.19	22.28	22.20		
15	64QAM	1	0	22.84	22.91	22.84		
15	64QAM	1	37	22.78	22.77	22.73	23.7	2
15	64QAM	1	74	22.77	22.78	22.73		
15	64QAM	36	0	21.25	21.32	21.23		
15	64QAM	36	20	21.22	21.17	21.10	22.7	3
15	64QAM	36	39	21.06	21.22	21.15		
15	64QAM	75	0	21.27	21.35	21.22		
15	256QAM	1	0	19.26	19.30	19.19		
15	256QAM	1	37	19.08	19.25	19.10	20.7	5
15	256QAM	1	74	19.17	19.17	19.14		
15	256QAM	36	0	19.21	19.26	19.15		
15	256QAM	36	20	19.18	19.18	19.11	20.7	5
15	256QAM	36	39	19.13	19.26	19.18		
15	256QAM	75	0	19.13	19.24	19.16		
	Channel			20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	23.83	23.96	23.76		
10	QPSK	1	25	23.82	23.86	23.80	25.7	0
10	QPSK	1	49	23.76	23.85	23.84		
10	QPSK	25	0	23.23	23.24	23.21		
10	QPSK	25	12	23.21	23.15	23.13	24.7	1
10	QPSK	25	25	23.23	23.27	23.14		
10	QPSK	50	0	23.13	23.21	23.14		
10	16QAM	1	0	23.62	23.62	23.62		
10	16QAM	1	25	23.53	23.60	23.56	24.7	1
10	16QAM	1	49	23.53	23.65	23.56		
10	16QAM	25	0	22.18	22.29	22.19		
10	16QAM	25	12	22.07	22.16	22.13	23.7	2
10	16QAM	25	25	22.06	22.18	22.15		
10	16QAM	50	0	22.22	22.27	22.22		
10	64QAM	1	0	22.83	22.90	22.89		
10	64QAM	1	25	22.74	22.80	22.75	23.7	2
10	64QAM	1	49	22.80	22.81	22.78		
10	64QAM	25	0	21.18	21.26	21.25		
10	64QAM	25	12	21.18	21.19	21.09	22.7	3
10	64QAM	25	25	21.09	21.22	21.17		
10	64QAM	50	0	21.19	21.31	21.26		
10	256QAM	1	0	19.26	19.25	19.22		
10	256QAM	1	25	19.08	19.22	19.15	20.7	5
10	256QAM	1	49	19.12	19.17	19.12		
10	256QAM	25	0	19.24	19.33	19.23		
10	256QAM	25	12	19.18	19.15	19.14	20.7	5
10	256QAM	25	25	19.13	19.29	19.13		
10	256QAM	50	0	19.15	19.19	19.21		
	Channel			19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1732.5	1752.5		
5	QPSK	1	0	23.78	23.93	23.74		
5	QPSK	1	12	23.84	23.81	23.78	25.7	0
5	QPSK	1	24	23.82	23.85	23.85		
5	QPSK	12	0	23.22	23.21	23.19		
5	QPSK	12	7	23.13	23.22	23.17	24.7	1
5	QPSK	12	13	23.17	23.24	23.12		
5	QPSK	25	0	23.17	23.21	23.20		
5	16QAM	1	0	23.64	23.63	23.59		
5	16QAM	1	12	23.53	23.65	23.60	24.7	1
5	16QAM	1	24	23.54	23.65	23.58		
5	16QAM	12	0	22.13	22.25	22.16		
5	16QAM	12	7	22.05	22.13	22.11	23.7	2
5	16QAM	12	13	22.12	22.14	22.14		
5	16QAM	25	0	22.17	22.32	22.22		
5	64QAM	1	0	22.86	22.83	22.82		
5	64QAM	1	12	22.78	22.81	22.70	23.7	2
5	64QAM	1	24	22.71	22.87	22.70		
5	64QAM	12	0	21.20	21.26	21.25		
5	64QAM	12	7	21.18	21.19	21.13	22.7	3
5	64QAM	12	13	21.09	21.21	21.14		
5	64QAM	25	0	21.22	21.36	21.23		
5	256QAM	1	0	19.23	19.26	19.18		
5	256QAM	1	12	19.16	19.24	19.15	20.7	5
5	256QAM	1	24	19.15	19.17	19.11		
5	256QAM	12	0	19.31	19.25	19.17		
5	256QAM	12	7	19.19	19.20	19.14	20.7	5
5	256QAM	12	13	19.13	19.27	19.22		
5	256QAM	25	0	19.17	19.25	19.21		
	Channel			19950	20175	20385	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	23.81	23.89	23.77		
3	QPSK	1	8	23.80	23.83	23.78	25.7	0
3	QPSK	1	14	23.80	23.92	23.79		
3	QPSK	8	0	23.20	23.24	23.18		
3	QPSK	8	4	23.20	23.19	23.16	24.7	1
3	QPSK	8	7	23.15	23.19	23.10		
3	QPSK	15	0	23.19	23.20	23.14		
3	16QAM	1	0	23.67	23.69	23.64		
3	16QAM	1	8	23.54	23.58	23.59	24.7	1
3	16QAM	1	14	23.52	23.62	23.57		
3	16QAM	8	0	22.17	22.29	22.20		
3	16QAM	8	4	22.10	22.17	22.16	23.7	2
3	16QAM	8	7	22.09	22.12	22.09		
3	16QAM	15	0	22.16	22.33	22.19		
3	64QAM	1	0	22.79	22.84	22.86		
3	64QAM	1	8	22.76	22.78	22.69	23.7	2
3	64QAM	1	14	22.77	22.83	22.78		
3	64QAM	8	0	21.26	21.31	21.20		
3	64QAM	8	4	21.20	21.20	21.17	22.7	3
3	64QAM	8	7	21.11	21.23	21.18		
3	64QAM	15	0	21.20	21.32	21.19		
3	256QAM	1	0	19.26	19.28	19.20		
3	256QAM	1	8	19.14	19.20	19.13	20.7	5
3	256QAM	1	14	19.12	19.26	19.14		
3	256QAM	8	0	19.25	19.26	19.16		
3	256QAM	8	4	19.15	19.25	19.10	20.7	5
3	256QAM	8	7	19.16	19.26	19.15		
3	256QAM	15	0	19.18	19.27	19.21		
	Channel			19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.83	23.88	23.77		
1.4	QPSK	1	3	23.79	23.90	23.76		
1.4	QPSK	1	5	23.76	23.86	23.79	25.7	0
1.4	QPSK	3	0	23.83	23.91	23.77		
1.4	QPSK	3	1	23.85	23.82	23.79		
1.4	QPSK	3	3	23.81	23.94	23.83		
1.4	QPSK	6	0	23.16	23.20	23.14	24.7	1
1.4	16QAM	1	0	23.65	23.66	23.53		
1.4	16QAM	1	3	23.50	23.58	23.58		
1.4	16QAM	1	5	23.52	23.62	23.56	24.7	1
1.4	16QAM	3	0	23.17	23.20	23.15		
1.4	16QAM	3	1	23.16	23.20	23.14		
1.4	16QAM	3	3	23.11	23.25	23.16		
1.4	16QAM	6	0	22.24	22.30	22.21	23.7	2
1.4	64QAM	1	0	22.78	22.86	22.83		
1.4	64QAM	1	3	22.75	22.84	22.76		
1.4	64QAM	1	5	22.75	22.88	22.69	23.7	2
1.4	64QAM	3	0	22.21	22.25	22.21		
1.4	64QAM	3	1	22.78	22.89	22.85		
1.4	64QAM	3	3	22.76	22.77	22.77		
1.4	64QAM	6	0	21.26	21.37	21.20	22.7	3
1.4	256QAM	1	0	19.20	19.27	19.20		
1.4	256QAM	1	3	19.11	19.25	19.07		
1.4	256QAM	1	5	19.11	19.22	19.19	20.7	5
1.4	256QAM	3	0	19.29	19.32	19.20		
1.4	256QAM	3	1	19.14	19.19	19.14		
1.4	256QAM	3	3	19.20	19.26	19.13		
1.4	256QAM	6	0	19.15	19.25	19.20	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.87	23.91	23.89	25.7	0
20	QPSK	1	49	23.81	23.87	23.77		
20	QPSK	1	99	23.76	23.83	23.79		
20	QPSK	50	0	22.91	22.99	22.87	24.7	1
20	QPSK	50	24	22.79	22.98	22.78		
20	QPSK	50	50	22.78	22.87	22.81		
20	QPSK	100	0	22.75	22.86	22.75		
20	16QAM	1	0	22.99	23.06	22.96	24.7	1
20	16QAM	1	49	22.74	22.83	22.82		
20	16QAM	1	99	22.83	22.86	22.81	23.7	2
20	16QAM	50	0	21.90	21.99	21.94		
20	16QAM	50	24	21.79	21.90	21.84		
20	16QAM	50	50	21.85	21.92	21.83		
20	16QAM	100	0	21.78	21.84	21.82		
20	64QAM	1	0	21.95	22.01	21.95	23.7	2
20	64QAM	1	49	21.92	21.93	21.89		
20	64QAM	1	99	21.87	21.88	21.83		
20	64QAM	50	0	20.87	20.89	20.81	22.7	3
20	64QAM	50	24	20.78	20.84	20.76		
20	64QAM	50	50	20.73	20.84	20.82		
20	64QAM	100	0	20.82	20.87	20.82		
20	256QAM	1	0	19.01	19.10	19.02	20.7	5
20	256QAM	1	49	19.03	19.08	18.98		
20	256QAM	1	99	18.97	19.05	19.02		
20	256QAM	50	0	18.83	18.88	18.81	20.7	5
20	256QAM	50	24	18.95	19.01	18.92		
20	256QAM	50	50	18.94	19.04	18.99		
20	256QAM	100	0	18.94	18.83	18.98		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.83	23.83	23.85	25.7	0
15	QPSK	1	37	23.79	23.82	23.70		
15	QPSK	1	74	23.71	23.74	23.77		
15	QPSK	36	0	22.85	22.87	22.79	24.7	1
15	QPSK	36	20	22.76	22.85	22.75		
15	QPSK	36	39	22.72	22.77	22.80		
15	QPSK	75	0	22.70	22.79	22.76		
15	16QAM	1	0	22.95	23.01	22.94	24.7	1
15	16QAM	1	37	22.71	22.82	22.74		
15	16QAM	1	74	22.81	22.84	22.78		
15	16QAM	36	0	21.87	21.91	21.88	23.7	2
15	16QAM	36	20	21.70	21.88	21.79		
15	16QAM	36	39	21.81	21.86	21.75		
15	16QAM	75	0	21.73	21.80	21.80		
15	64QAM	1	0	21.88	21.91	21.85	23.7	2
15	64QAM	1	37	21.87	21.86	21.79		
15	64QAM	1	74	21.84	21.81	21.82		
15	64QAM	36	0	20.79	20.84	20.71	22.7	3
15	64QAM	36	20	20.70	20.78	20.70		
15	64QAM	36	39	20.70	20.78	20.79		
15	64QAM	75	0	20.73	20.77	20.72		
15	256QAM	1	0	18.93	19.01	18.94	20.7	5
15	256QAM	1	37	18.98	19.05	18.90		
15	256QAM	1	74	18.92	18.97	18.94		
15	256QAM	36	0	18.73	18.78	18.76	20.7	5
15	256QAM	36	20	18.85	18.90	18.85		
15	256QAM	36	39	18.83	19.00	18.89		
15	256QAM	75	0	18.84	18.80	18.88		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.78	23.86	23.84	25.7	0
10	QPSK	1	25	23.80	23.82	23.72		
10	QPSK	1	49	23.71	23.81	23.75		
10	QPSK	25	0	22.90	22.87	22.79	24.7	1
10	QPSK	25	12	22.71	22.83	22.77		
10	QPSK	25	25	22.70	22.84	22.75		
10	QPSK	50	0	22.76	22.80	22.72		
10	16QAM	1	0	22.89	23.03	22.95	24.7	1
10	16QAM	1	25	22.72	22.76	22.77		
10	16QAM	1	49	22.79	22.82	22.78		
10	16QAM	25	0	21.88	21.92	21.89	23.7	2
10	16QAM	25	12	21.75	21.81	21.76		
10	16QAM	25	25	21.81	21.84	21.81		
10	16QAM	50	0	21.73	21.79	21.74		
10	64QAM	1	0	21.93	21.93	21.86	23.7	2
10	64QAM	1	25	21.87	21.83	21.82		
10	64QAM	1	49	21.77	21.82	21.79		
10	64QAM	25	0	20.80	20.79	20.79	22.7	3
10	64QAM	25	12	20.86	20.79	20.83		
10	64QAM	25	25	20.76	20.83	20.72		
10	64QAM	50	0	20.72	20.84	20.79		
10	256QAM	1	0	18.99	19.07	18.94	20.7	5
10	256QAM	1	25	19.01	19.02	18.93		
10	256QAM	1	49	18.88	18.97	18.93		
10	256QAM	25	0	18.77	18.77	18.80	20.7	5
10	256QAM	25	12	18.90	18.90	18.88		
10	256QAM	25	25	18.91	18.99	18.95		
10	256QAM	50	0	18.88	18.80	18.92		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.77	23.83	23.84	25.7	0
5	QPSK	1	12	23.75	23.85	23.75		
5	QPSK	1	24	23.71	23.76	23.72		
5	QPSK	12	0	22.86	22.89	22.78	24.7	1
5	QPSK	12	7	22.71	22.78	22.71		
5	QPSK	12	13	22.70	22.79	22.78		
5	QPSK	25	0	22.79	22.79	22.70		
5	16QAM	1	0	22.94	23.02	22.95	24.7	1
5	16QAM	1	12	22.75	22.80	22.77		
5	16QAM	1	24	22.80	22.83	22.72		
5	16QAM	12	0	21.88	21.94	21.92	23.7	2
5	16QAM	12	7	21.75	21.85	21.80		
5	16QAM	12	13	21.83	21.84	21.77		
5	16QAM	25	0	21.85	21.81	21.72		
5	64QAM	1	0	21.94	22.00	21.89	23.7	2
5	64QAM	1	12	21.84	21.83	21.82		
5	64QAM	1	24	21.80	21.81	21.82		
5	64QAM	12	0	20.76	20.87	20.74	22.7	3
5	64QAM	12	7	20.74	20.83	20.71		
5	64QAM	12	13	20.77	20.73	20.76		
5	64QAM	25	0	20.75	20.78	20.74		
5	256QAM	1	0	19.00	19.02	18.93	20.7	5
5	256QAM	1	12	18.92	19.04	18.90		
5	256QAM	1	24	18.95	18.95	19.00		
5	256QAM	12	0	18.73	18.79	18.77	20.7	5
5	256QAM	12	7	18.89	18.91	18.82		
5	256QAM	12	13	18.85	19.01	18.93		
5	256QAM	25	0	18.85	18.77	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.91	23.99	23.96	25.7	0
20	QPSK	1	49	23.84	23.90	23.81		
20	QPSK	1	99	23.86	23.97	23.87		
20	QPSK	50	0	23.29	23.43	23.27	24.7	1
20	QPSK	50	24	23.13	23.41	23.14		
20	QPSK	50	50	23.24	23.30	23.26		
20	QPSK	100	0	23.16	23.26	23.21		
20	16QAM	1	0	23.23	23.34	23.31	24.7	1
20	16QAM	1	49	23.21	23.26	23.16		
20	16QAM	1	99	23.27	23.29	23.23	23.7	2
20	16QAM	50	0	22.30	22.32	22.22		
20	16QAM	50	24	22.17	22.24	22.21		
20	16QAM	50	50	22.19	22.22	22.20		
20	16QAM	100	0	22.31	22.35	22.32		
20	64QAM	1	0	22.25	22.27	22.21	23.7	2
20	64QAM	1	49	22.14	22.21	22.14		
20	64QAM	1	99	22.16	22.22	22.19		
20	64QAM	50	0	21.21	21.27	21.17	22.7	3
20	64QAM	50	24	21.12	21.18	21.08		
20	64QAM	50	50	21.18	21.25	21.22		
20	64QAM	100	0	21.29	21.36	21.30		
20	256QAM	1	0	19.39	19.42	19.40	20.7	5
20	256QAM	1	49	19.24	19.31	19.23		
20	256QAM	1	99	19.30	19.40	19.33		
20	256QAM	50	0	19.18	19.27	19.19	20.7	5
20	256QAM	50	24	19.29	19.34	19.28		
20	256QAM	50	50	19.29	19.32	19.25		
20	256QAM	100	0	19.22	19.30	19.25		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.82	23.88	23.93	25.7	0
15	QPSK	1	37	23.81	23.88	23.73		
15	QPSK	1	74	23.80	23.86	23.86		
15	QPSK	36	0	23.26	23.23	23.24	24.7	1
15	QPSK	36	20	23.05	23.19	23.06		
15	QPSK	36	39	23.17	23.21	23.24		
15	QPSK	75	0	23.11	23.18	23.15		
15	16QAM	1	0	23.19	23.24	23.26	24.7	1
15	16QAM	1	37	23.16	23.20	23.07		
15	16QAM	1	74	23.21	23.24	23.20		
15	16QAM	36	0	22.28	22.30	22.20	23.7	2
15	16QAM	36	20	22.16	22.19	22.20		
15	16QAM	36	39	22.13	22.14	22.09		
15	16QAM	75	0	22.25	22.27	22.26		
15	64QAM	1	0	22.14	22.16	22.14	23.7	2
15	64QAM	1	37	22.13	22.14	22.03		
15	64QAM	1	74	22.11	22.19	22.08		
15	64QAM	36	0	21.16	21.19	21.12	22.7	3
15	64QAM	36	20	21.10	21.14	21.00		
15	64QAM	36	39	21.09	21.21	21.18		
15	64QAM	75	0	21.25	21.26	21.20		
15	256QAM	1	0	19.34	19.35	19.31	20.7	5
15	256QAM	1	37	19.13	19.29	19.14		
15	256QAM	1	74	19.20	19.35	19.28		
15	256QAM	36	0	19.11	19.23	19.08	20.7	5
15	256QAM	36	20	19.24	19.33	19.19		
15	256QAM	36	39	19.27	19.29	19.15		
15	256QAM	75	0	19.18	19.20	19.18		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.85	23.90	23.87	25.7	0
10	QPSK	1	25	23.78	23.86	23.71		
10	QPSK	1	49	23.81	23.88	23.81		
10	QPSK	25	0	23.27	23.25	23.24	24.7	1
10	QPSK	25	12	23.07	23.22	23.06		
10	QPSK	25	25	23.16	23.19	23.23		
10	QPSK	50	0	23.05	23.21	23.18		
10	16QAM	1	0	23.21	23.28	23.20	24.7	1
10	16QAM	1	25	23.14	23.24	23.13		
10	16QAM	1	49	23.23	23.19	23.20		
10	16QAM	25	0	22.24	22.30	22.18	23.7	2
10	16QAM	25	12	22.07	22.15	22.12		
10	16QAM	25	25	22.11	22.19	22.19		
10	16QAM	50	0	22.29	22.32	22.23		
10	64QAM	1	0	22.15	22.22	22.12	23.7	2
10	64QAM	1	25	22.06	22.15	22.06		
10	64QAM	1	49	22.13	22.12	22.17		
10	64QAM	25	0	21.19	21.24	21.10	22.7	3
10	64QAM	25	12	21.10	21.08	21.01		
10	64QAM	25	25	21.10	21.19	21.20		
10	64QAM	50	0	21.24	21.31	21.22		
10	256QAM	1	0	19.35	19.37	19.31	20.7	5
10	256QAM	1	25	19.20	19.21	19.19		
10	256QAM	1	49	19.26	19.34	19.24		
10	256QAM	25	0	19.13	19.23	19.12	20.7	5
10	256QAM	25	12	19.26	19.27	19.27		
10	256QAM	25	25	19.20	19.24	19.21		
10	256QAM	50	0	19.13	19.24	19.17		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.89	23.96	23.89	25.7	0
5	QPSK	1	12	23.80	23.80	23.75		
5	QPSK	1	24	23.82	23.87	23.80		
5	QPSK	12	0	23.27	23.25	23.18	24.7	1
5	QPSK	12	7	23.06	23.21	23.08		
5	QPSK	12	13	23.15	23.27	23.16		
5	QPSK	25	0	23.05	23.16	23.13		
5	16QAM	1	0	23.21	23.26	23.26	24.7	1
5	16QAM	1	12	23.13	23.23	23.07		
5	16QAM	1	24	23.18	23.19	23.18		
5	16QAM	12	0	22.20	22.30	22.16	23.7	2
5	16QAM	12	7	22.13	22.21	22.11		
5	16QAM	12	13	22.10	22.20	22.14		
5	16QAM	25	0	22.29	22.30	22.23		
5	64QAM	1	0	22.15	22.23	22.15	23.7	2
5	64QAM	1	12	22.04	22.12	22.04		
5	64QAM	1	24	22.14	22.14	22.17		
5	64QAM	12	0	21.15	21.24	21.06	22.7	3
5	64QAM	12	7	21.07	21.12	21.03		
5	64QAM	12	13	21.08	21.15	21.19		
5	64QAM	25	0	21.19	21.34	21.21		
5	256QAM	1	0	19.36	19.33	19.36	20.7	5
5	256QAM	1	12	19.21	19.28	19.17		
5	256QAM	1	24	19.25	19.39	19.25		
5	256QAM	12	0	19.07	19.21	19.10	20.7	5
5	256QAM	12	7	19.26	19.23	19.27		
5	256QAM	12	13	19.18	19.23	19.16		
5	256QAM	25	0	19.16	19.28	19.18		
Channel				131957	132322	132687	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.88	23.97	23.90	25.7	0
3	QPSK	1	8	23.77	23.80	23.79		
3	QPSK	1	14	23.78	23.94	23.84		
3	QPSK	8	0	23.27	23.25	23.22	24.7	1
3	QPSK	8	4	23.03	23.19	23.03		
3	QPSK	8	7	23.14	23.25	23.24		
3	QPSK	15	0	23.09	23.22	23.13		
3	16QAM	1	0	23.20	23.29	23.22	24.7	1
3	16QAM	1	8	23.19	23.24	23.09		
3	16QAM	1	14	23.23	23.19	23.16		
3	16QAM	8	0	22.21	22.21	22.13	23.7	2
3	16QAM	8	4	22.07	22.20	22.19		
3	16QAM	8	7	22.17	22.13	22.10		
3	16QAM	15	0	22.26	22.31	22.31		
3	64QAM	1	0	22.22	22.22	22.16	23.7	2
3	64QAM	1	8	22.09	22.18	22.06		
3	64QAM	1	14	22.10	22.14	22.12		
3	64QAM	8	0	21.13	21.21	21.10	22.7	3
3	64QAM	8	4	21.03	21.09	21.04		
3	64QAM	8	7	21.13	21.19	21.12		
3	64QAM	15	0	21.23	21.29	21.20		
3	256QAM	1	0	19.33	19.37	19.37	20.7	5
3	256QAM	1	8	19.22	19.22	19.19		
3	256QAM	1	14	19.24	19.32	19.23		
3	256QAM	8	0	19.10	19.19	19.12	20.7	5
3	256QAM	8	4	19.19	19.32	19.25		
3	256QAM	8	7	19.26	19.22	19.22		
3	256QAM	15	0	19.12	19.19	19.16		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.84	23.94	23.95	25.7	0
1.4	QPSK	1	3	23.74	23.80	23.71		
1.4	QPSK	1	5	23.75	23.95	23.83		
1.4	QPSK	3	0	23.84	23.90	23.91		
1.4	QPSK	3	1	23.78	23.79	23.71		
1.4	QPSK	3	3	23.77	23.88	23.82		
1.4	QPSK	6	0	23.10	23.22	23.20	24.7	1
1.4	16QAM	1	0	23.15	23.30	23.24	24.7	1
1.4	16QAM	1	3	23.17	23.24	23.09		
1.4	16QAM	1	5	23.21	23.19	23.18		
1.4	16QAM	3	0	23.16	23.21	23.16		
1.4	16QAM	3	1	23.12	23.18	23.17		
1.4	16QAM	3	3	23.15	23.33	23.20		
1.4	16QAM	6	0	22.24	22.27	22.22	23.7	2
1.4	64QAM	1	0	22.15	22.23	22.16	23.7	2
1.4	64QAM	1	3	22.09	22.14	22.05		
1.4	64QAM	1	5	22.13	22.19	22.11		
1.4	64QAM	3	0	22.17	22.20	22.12		
1.4	64QAM	3	1	22.12	22.19	22.10		
1.4	64QAM	3	3	22.07	22.20	22.09		
1.4	64QAM	6	0	21.20	21.32	21.25	22.7	3
1.4	256QAM	1	0	19.29	19.37	19.31	20.7	5
1.4	256QAM	1	3	19.21	19.25	19.22		
1.4	256QAM	1	5	19.29	19.33	19.25		
1.4	256QAM	3	0	19.13	19.18	19.12		
1.4	256QAM	3	1	19.25	19.30	19.19		
1.4	256QAM	3	3	19.26	19.27	19.22		
1.4	256QAM	6	0	19.18	19.19	19.16	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.94	23.99	23.89	25.5	0
20	QPSK	1	49	23.89	23.93	23.83		
20	QPSK	1	99	23.86	23.89	23.80		
20	QPSK	50	0	23.04	23.11	23.01	24.5	1
20	QPSK	50	24	23.09	23.09	22.95		
20	QPSK	50	50	22.88	22.98	22.91		
20	QPSK	100	0	22.91	23.00	22.91		
20	16QAM	1	0	23.03	23.06	23.01	24.5	1
20	16QAM	1	49	22.98	23.02	22.94		
20	16QAM	1	99	22.96	23.05	22.96		
20	16QAM	50	0	22.03	22.07	22.04	23.5	2
20	16QAM	50	24	21.98	22.01	21.96		
20	16QAM	50	50	22.03	22.07	22.04		
20	16QAM	100	0	21.98	22.07	22.06		
20	64QAM	1	0	22.01	22.10	22.04	23.5	2
20	64QAM	1	49	22.01	22.08	21.98		
20	64QAM	1	99	21.96	21.99	21.90		
20	64QAM	50	0	20.97	21.06	20.97	22.5	3
20	64QAM	50	24	20.89	20.98	20.89		
20	64QAM	50	50	20.90	20.98	20.88		
20	64QAM	100	0	20.96	21.02	20.95		
20	256QAM	1	0	18.88	18.89	18.79	20.5	5
20	256QAM	1	49	18.81	18.83	18.78		
20	256QAM	1	99	18.84	18.87	18.78		
20	256QAM	50	0	18.93	19.03	18.99	20.5	5
20	256QAM	50	24	18.75	18.86	18.81		
20	256QAM	50	50	18.75	18.83	18.74		
20	256QAM	100	0	18.98	19.00	18.92		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.87	23.95	23.79	25.5	0
15	QPSK	1	37	23.86	23.91	23.77		
15	QPSK	1	74	23.81	23.82	23.73		
15	QPSK	36	0	22.97	23.04	22.95	24.5	1
15	QPSK	36	20	22.84	22.96	22.84		
15	QPSK	36	39	22.86	22.88	22.86		
15	QPSK	75	0	22.85	22.90	22.88		
15	16QAM	1	0	22.96	23.00	22.97	24.5	1
15	16QAM	1	37	22.88	22.92	22.93		
15	16QAM	1	74	22.91	23.02	22.91		
15	16QAM	36	0	21.85	21.88	22.01	23.5	2
15	16QAM	36	20	21.87	21.99	21.85		
15	16QAM	36	39	21.94	22.05	21.95		
15	16QAM	75	0	21.96	21.98	22.02		
15	64QAM	1	0	21.95	22.03	21.99	23.5	2
15	64QAM	1	37	21.97	21.98	21.90		
15	64QAM	1	74	21.92	21.93	21.80		
15	64QAM	36	0	20.93	21.00	20.86	22.5	3
15	64QAM	36	20	20.88	20.93	20.83		
15	64QAM	36	39	20.82	20.90	20.79		
15	64QAM	75	0	20.89	20.94	20.86		
15	256QAM	1	0	18.80	18.80	18.70	20.5	5
15	256QAM	1	37	18.72	18.75	18.68		
15	256QAM	1	74	18.73	18.79	18.69		
15	256QAM	36	0	18.85	18.94	18.96	20.5	5
15	256QAM	36	20	18.67	18.81	18.71		
15	256QAM	36	39	18.65	18.76	18.71		
15	256QAM	75	0	18.94	18.95	18.89		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.93	23.89	23.87	25.5	0
10	QPSK	1	25	23.81	23.85	23.81		
10	QPSK	1	49	23.77	23.78	23.69		
10	QPSK	25	0	22.96	22.99	22.93	24.5	1
10	QPSK	25	12	22.87	22.96	22.89		
10	QPSK	25	25	22.77	22.91	22.86		
10	QPSK	50	0	22.80	22.99	22.84		
10	16QAM	1	0	22.95	23.02	22.93	24.5	1
10	16QAM	1	25	22.93	22.93	22.92		
10	16QAM	1	49	22.88	22.95	22.93		
10	16QAM	25	0	21.94	21.97	21.99	23.5	2
10	16QAM	25	12	21.89	21.96	21.92		
10	16QAM	25	25	22.00	22.02	22.02		
10	16QAM	50	0	21.90	22.03	21.99		
10	64QAM	1	0	21.93	22.05	21.99	23.5	2
10	64QAM	1	25	21.91	22.00	21.96		
10	64QAM	1	49	21.87	21.92	21.89		
10	64QAM	25	0	20.87	21.01	20.94	22.5	3
10	64QAM	25	12	20.78	20.93	20.83		
10	64QAM	25	25	20.84	20.94	20.80		
10	64QAM	50	0	20.90	20.97	20.85		
10	256QAM	1	0	18.79	18.80	18.73	20.5	5
10	256QAM	1	25	18.79	18.73	18.74		
10	256QAM	1	49	18.79	18.77	18.76		
10	256QAM	25	0	18.86	18.94	18.93	20.5	5
10	256QAM	25	12	18.65	18.79	18.73		
10	256QAM	25	25	18.70	18.82	18.71		
10	256QAM	50	0	18.96	18.93	18.86		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.87	23.97	23.79	25.5	0
5	QPSK	1	12	23.88	23.87	23.78		
5	QPSK	1	24	23.77	23.87	23.79		
5	QPSK	12	0	23.01	23.03	22.99	24.5	1
5	QPSK	12	7	22.87	22.88	22.86		
5	QPSK	12	13	22.85	22.90	22.86		
5	QPSK	25	0	22.90	22.98	22.89		
5	16QAM	1	0	22.96	23.04	22.94	24.5	1
5	16QAM	1	12	22.92	22.96	22.86		
5	16QAM	1	24	22.92	22.94	22.92		
5	16QAM	12	0	21.94	22.02	21.99	23.5	2
5	16QAM	12	7	21.97	21.90	21.93		
5	16QAM	12	13	21.98	21.98	21.94		
5	16QAM	25	0	21.97	21.97	22.02		
5	64QAM	1	0	21.94	22.05	22.02	23.5	2
5	64QAM	1	12	21.94	22.06	21.91		
5	64QAM	1	24	21.94	21.89	21.87		
5	64QAM	12	0	20.86	20.98	20.91	22.5	3
5	64QAM	12	7	20.83	20.87	20.81		
5	64QAM	12	13	20.86	20.94	20.79		
5	64QAM	25	0	20.94	20.93	20.84		
5	256QAM	1	0	18.81	18.85	18.72	20.5	5
5	256QAM	1	12	18.75	18.73	18.72		
5	256QAM	1	24	18.77	18.84	18.67		
5	256QAM	12	0	18.86	18.98	18.93	20.5	5
5	256QAM	12	7	18.67	18.76	18.77		
5	256QAM	12	13	18.71	18.77	18.69		
5	256QAM	25	0	18.93	18.92	18.89		

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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				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.84	23.71	24.01	23.85	23.89	25.5	0
20	QPSK	1	49	23.92	23.93	23.99	23.91	23.90		
20	QPSK	1	99	23.89	23.94	23.98	23.97	23.89		
20	QPSK	50	0	22.93	22.92	23.02	22.87	22.91	24.5	1
20	QPSK	50	24	22.87	22.84	23.01	22.84	22.85		
20	QPSK	50	50	22.83	22.77	22.86	22.77	22.81		
20	QPSK	100	0	22.82	22.88	22.91	22.84	22.83		
20	16QAM	1	0	22.82	22.79	22.86	22.84	22.80	24.5	1
20	16QAM	1	49	22.83	22.78	22.87	22.77	22.82		
20	16QAM	1	99	22.81	22.84	22.89	22.86	22.79		
20	16QAM	50	0	21.93	21.95	22.04	22.02	22.00	23.5	2
20	16QAM	50	24	21.94	21.85	21.96	21.92	21.94		
20	16QAM	50	50	21.88	21.84	21.95	21.86	21.91		
20	16QAM	100	0	21.95	21.96	22.03	21.96	21.96		
20	64QAM	1	0	21.96	21.95	22.01	21.94	21.97	23.5	2
20	64QAM	1	49	21.96	21.92	22.01	21.92	21.92		
20	64QAM	1	99	21.95	21.91	21.96	21.92	21.92		
20	64QAM	50	0	20.84	20.87	20.91	20.83	20.82	22.5	3
20	64QAM	50	24	20.87	20.80	20.89	20.80	20.80		
20	64QAM	50	50	20.77	20.84	20.86	20.81	20.83		
20	64QAM	100	0	20.64	20.66	20.73	20.66	20.67		
20	256QAM	1	0	18.85	18.84	18.92	18.89	18.84	20.5	5
20	256QAM	1	49	18.77	18.75	18.84	18.77	18.76		
20	256QAM	1	99	18.80	18.80	18.83	18.73	18.80		
20	256QAM	50	0	18.91	18.95	18.98	18.96	18.93	20.5	5
20	256QAM	50	24	18.74	18.81	18.83	18.75	18.73		
20	256QAM	50	50	18.84	18.82	18.88	18.87	18.79		
20	256QAM	100	0	18.96	18.84	18.91	18.84	18.86		
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	23.82	23.64	23.92	23.87	23.88	26	0
15	QPSK	1	37	23.87	23.90	23.92	23.89	23.87		
15	QPSK	1	74	23.78	23.90	23.95	23.89	23.78		
15	QPSK	36	0	22.84	22.90	22.92	22.85	22.80	24.5	1
15	QPSK	36	20	22.83	22.76	22.85	22.78	22.80		
15	QPSK	36	39	22.73	22.72	22.85	22.73	22.72		
15	QPSK	75	0	22.73	22.78	22.87	22.78	22.73		
15	16QAM	1	0	22.73	22.71	22.78	22.79	22.70	24.5	1
15	16QAM	1	37	22.82	22.76	22.84	22.67	22.77		
15	16QAM	1	74	22.75	22.82	22.84	22.78	22.68		
15	16QAM	36	0	21.85	21.88	22.01	22.00	21.91	23.5	2
15	16QAM	36	20	21.88	21.79	21.94	21.83	21.90		
15	16QAM	36	39	21.84	21.75	21.85	21.80	21.90		
15	16QAM	75	0	21.90	21.92	21.98	21.91	21.91		
15	64QAM	1	0	21.88	21.92	22.00	21.86	21.92	23.5	2
15	64QAM	1	37	21.90	21.84	21.94	21.84	21.90		
15	64QAM	1	74	21.89	21.83	21.90	21.86	21.88		
15	64QAM	36	0	20.82	20.84	20.84	20.74	20.75	22.5	3
15	64QAM	36	20	20.86	20.77	20.80	20.73	20.72		
15	64QAM	36	39	20.70	20.75	20.76	20.76	20.78		
15	64QAM	75	0	20.56	20.62	20.63	20.64	20.61		
15	256QAM	1	0	18.83	18.79	18.88	18.78	18.76	20.5	5
15	256QAM	1	37	18.67	18.68	18.77	18.68	18.67		
15	256QAM	1	74	18.76	18.75	18.76	18.64	18.72		
15	256QAM	36	0	18.80	18.86	18.89	18.86	18.87	20.5	5
15	256QAM	36	20	18.70	18.77	18.74	18.68	18.66		
15	256QAM	36	39	18.81	18.78	18.85	18.82	18.74		
15	256QAM	75	0	18.77	18.78	18.80	18.77	18.78		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.81	23.69	23.99	23.80	23.88	26	0
10	QPSK	1	25	23.86	23.91	23.93	23.87	23.89		
10	QPSK	1	49	23.79	23.83	23.94	23.95	23.80		
10	QPSK	25	0	22.90	22.86	22.95	22.76	22.83	24.5	1
10	QPSK	25	12	22.79	22.77	22.85	22.74	22.83		
10	QPSK	25	25	22.75	22.72	22.81	22.73	22.78		
10	QPSK	50	0	22.78	22.83	22.83	22.74	22.74		
10	16QAM	1	0	22.74	22.68	22.83	22.77	22.71	24.5	1
10	16QAM	1	25	22.77	22.70	22.85	22.67	22.80		
10	16QAM	1	49	22.78	22.82	22.86	22.79	22.70		
10	16QAM	25	0	21.89	21.87	21.98	21.97	21.93	23.5	2
10	16QAM	25	12	21.85	21.78	21.89	21.87	21.86		
10	16QAM	25	25	21.79	21.76	21.85	21.76	21.81		
10	16QAM	50	0	21.86	21.87	21.98	21.92	21.92		
10	64QAM	1	0	21.90	21.93	21.96	21.85	21.92	23.5	2
10	64QAM	1	25	21.89	21.82	21.95	21.84	21.83		
10	64QAM	1	49	21.94	21.82	21.86	21.85	21.82		
10	64QAM	25	0	20.80	20.80	20.81	20.73	20.75	22.5	3
10	64QAM	25	12	20.77	20.78	20.84	20.78	20.72		
10	64QAM	25	25	20.74	20.75	20.81	20.70	20.81		
10	64QAM	50	0	20.61	20.62	20.64	20.58	20.60		
10	256QAM	1	0	18.83	18.81	18.86	18.81	18.80	20.5	5
10	256QAM	1	25	18.71	18.71	18.75	18.69	18.66		
10	256QAM	1	49	18.78	18.73	18.73	18.63	18.70		
10	256QAM	25	0	18.89	18.89	18.94	18.94	18.83	20.5	5
10	256QAM	25	12	18.63	18.74	18.77	18.70	18.68		
10	256QAM	25	25	18.77	18.76	18.86	18.77	18.77		
10	256QAM	50	0	18.85	18.78	18.90	18.79	18.84		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	23.81	23.63	23.98	23.77	23.85	26	0
5	QPSK	1	12	23.86	23.91	23.95	23.83	23.80		
5	QPSK	1	24	23.85	23.84	23.92	23.89	23.78		
5	QPSK	12	0	22.91	22.90	22.93	22.82	22.83	24.5	1
5	QPSK	12	7	22.85	22.81	22.82	22.80	22.79		
5	QPSK	12	13	22.81	22.76	22.80	22.73	22.72		
5	QPSK	25	0	22.73	22.81	22.81	22.76	22.72		
5	16QAM	1	0	22.74	22.72	22.75	22.80	22.69	24.5	1
5	16QAM	1	12	22.79	22.75	22.77	22.66	22.76		
5	16QAM	1	24	22.74	22.76	22.84	22.82	22.73		
5	16QAM	12	0	21.84	21.91	21.94	21.92	21.89	23.5	2
5	16QAM	12	7	21.88	21.77	21.95	21.87	21.84		
5	16QAM	12	13	21.86	21.74	21.89	21.85	21.80		
5	16QAM	25	0	21.86	21.95	21.95	21.90	21.90		
5	64QAM	1	0	21.90	21.94	22.00	21.87	21.88	23.5	2
5	64QAM	1	12	21.93	21.84	21.91	21.90	21.84		
5	64QAM	1	24	21.88	21.81	21.92	21.91	21.82		
5	64QAM	12	0	20.80	20.83	20.88	20.80	20.79	22.5	3
5	64QAM	12	7	20.78	20.79	20.88	20.76	20.78		
5	64QAM	12	13	20.67	20.79	20.80	20.80	20.78		
5	64QAM	25	0	20.55	20.57	20.65	20.64	20.57		
5	256QAM	1	0	18.76	18.79	18.90	18.79	18.76	20.5	5
5	256QAM	1	12	18.73	18.70	18.83	18.72	18.66		
5	256QAM	1	24	18.72	18.71	18.76	18.63	18.71		
5	256QAM	12	0	18.88	18.89	18.90	18.89	18.89	20.5	5
5	256QAM	12	7	18.63	18.73	18.78	18.66	18.65		
5	256QAM	12	13	18.75	18.80	18.82	18.86	18.69		
5	256QAM	25	0	18.75	18.73	18.87	18.73	18.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.77	22.88	22.58	24.5	0
20	QPSK	1	49	22.82	22.84	22.76		
20	QPSK	1	99	22.73	22.82	22.77		
20	QPSK	50	0	22.48	22.55	22.42	23.5	1
20	QPSK	50	24	22.32	22.54	22.38		
20	QPSK	50	50	22.47	22.48	22.44		
20	QPSK	100	0	21.94	21.99	21.98		
20	16QAM	1	0	21.88	21.96	21.91	23.5	1
20	16QAM	1	49	21.82	21.90	21.88		
20	16QAM	1	99	21.91	21.96	21.92		
20	16QAM	50	0	20.72	20.73	20.67	22.5	2
20	16QAM	50	24	20.72	20.70	20.76		
20	16QAM	50	50	20.64	20.66	20.66		
20	16QAM	100	0	20.67	20.61	20.55		
20	64QAM	1	0	20.61	20.65	20.59	22.5	2
20	64QAM	1	49	20.56	20.63	20.54		
20	64QAM	1	99	20.59	20.60	20.56		
20	64QAM	50	0	19.65	19.76	19.66	21.5	3
20	64QAM	50	24	19.64	19.72	19.69		
20	64QAM	50	50	19.64	19.67	19.62		
20	64QAM	100	0	19.58	19.67	19.57		
20	256QAM	1	0	18.08	18.14	18.05	19.5	5
20	256QAM	1	49	18.06	18.11	18.07		
20	256QAM	1	99	18.01	18.08	18.05		
20	256QAM	50	0	17.67	17.76	17.70	19.5	5
20	256QAM	50	24	17.58	17.68	17.59		
20	256QAM	50	50	17.68	17.73	17.71		
20	256QAM	100	0	17.64	17.70	17.65		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.75	22.86	22.52	24.5	0
15	QPSK	1	37	22.76	22.80	22.75		
15	QPSK	1	74	22.67	22.74	22.74		
15	QPSK	36	0	22.43	22.47	22.31	23.5	1
15	QPSK	36	20	22.25	22.31	22.36		
15	QPSK	36	39	22.39	22.42	22.36		
15	QPSK	75	0	21.92	21.92	21.90		
15	16QAM	1	0	21.80	21.90	21.80	23.5	1
15	16QAM	1	37	21.75	21.84	21.81		
15	16QAM	1	74	21.87	21.91	21.85		
15	16QAM	36	0	20.64	20.63	20.65	22.5	2
15	16QAM	36	20	20.67	20.68	20.73		
15	16QAM	36	39	20.53	20.62	20.65		
15	16QAM	75	0	20.57	20.60	20.59		
15	64QAM	1	0	20.52	20.61	20.50	22.5	2
15	64QAM	1	37	20.55	20.59	20.51		
15	64QAM	1	74	20.51	20.55	20.71		
15	64QAM	36	0	19.60	19.74	19.61	21.5	3
15	64QAM	36	20	19.59	19.69	19.62		
15	64QAM	36	39	19.61	19.66	19.53		
15	64QAM	75	0	19.50	19.58	19.59		
15	256QAM	1	0	17.97	18.03	17.96	19.5	5
15	256QAM	1	37	17.96	18.06	18.05		
15	256QAM	1	74	17.96	18.00	18.04		
15	256QAM	36	0	17.65	17.68	17.64	19.5	5
15	256QAM	36	20	17.57	17.62	17.56		
15	256QAM	36	39	17.62	17.71	17.65		
15	256QAM	75	0	17.59	17.67	17.60		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.71	22.80	22.56	24.5	0
10	QPSK	1	25	22.78	22.76	22.70		
10	QPSK	1	49	22.67	22.80	22.66		
10	QPSK	25	0	22.44	22.46	22.37	23.5	1
10	QPSK	25	12	22.21	22.36	22.30		
10	QPSK	25	25	22.40	22.39	22.37		
10	QPSK	50	0	21.85	21.93	21.90		
10	16QAM	1	0	21.77	21.86	21.83	23.5	1
10	16QAM	1	25	21.74	21.81	21.83		
10	16QAM	1	49	21.88	21.95	21.88		
10	16QAM	25	0	20.68	20.70	20.65	22.5	2
10	16QAM	25	12	20.67	20.63	20.70		
10	16QAM	25	25	20.61	20.60	20.61		
10	16QAM	50	0	20.65	20.59	20.52		
10	64QAM	1	0	20.56	20.60	20.68	22.5	2
10	64QAM	1	25	20.51	20.53	20.72		
10	64QAM	1	49	20.50	20.52	20.67		
10	64QAM	25	0	19.56	19.72	19.60	21.5	3
10	64QAM	25	12	19.55	19.66	19.68		
10	64QAM	25	25	19.55	19.64	19.54		
10	64QAM	50	0	19.52	19.58	19.58		
10	256QAM	1	0	18.02	18.13	17.96	19.5	5
10	256QAM	1	25	18.03	18.06	18.00		
10	256QAM	1	49	17.93	17.99	17.96		
10	256QAM	25	0	17.59	17.69	17.64	19.5	5
10	256QAM	25	12	17.55	17.58	17.50		
10	256QAM	25	25	17.60	17.72	17.64		
10	256QAM	50	0	17.59	17.66	17.61		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.76	22.86	22.55	24.5	0
5	QPSK	1	12	22.78	22.80	22.73		
5	QPSK	1	24	22.70	22.79	22.68		
5	QPSK	12	0	22.44	22.51	22.40	23.5	1
5	QPSK	12	7	22.27	22.36	22.28		
5	QPSK	12	13	22.40	22.44	22.43		
5	QPSK	25	0	21.86	21.97	21.93		
5	16QAM	1	0	21.87	21.90	21.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.91	20.97	20.92	21.7	0
20	QPSK	1	49	20.89	20.88	20.94		
20	QPSK	1	99	20.77	20.84	20.86		
20	QPSK	50	0	20.89	20.92	20.88		
20	QPSK	50	24	20.76	20.88	20.77		
20	QPSK	50	50	20.90	20.82	20.81		
20	QPSK	100	0	20.83	20.87	20.86		
20	16QAM	1	0	20.84	20.91	20.87		
20	16QAM	1	49	20.82	20.79	20.88	21.7	0
20	16QAM	1	99	20.74	20.76	20.82		
20	16QAM	50	0	20.83	20.87	20.84		
20	16QAM	50	24	20.70	20.83	20.70	21.7	0
20	16QAM	50	50	20.83	20.77	20.73		
20	16QAM	100	0	20.82	20.83	20.77		
20	64QAM	1	0	20.90	20.92	20.82		
20	64QAM	1	49	20.84	20.77	20.84	21.7	0
20	64QAM	1	99	20.75	20.78	20.83		
20	64QAM	50	0	20.83	20.90	20.83		
20	64QAM	50	24	20.71	20.84	20.74	21.7	0
20	64QAM	50	50	20.80	20.76	20.70		
20	64QAM	100	0	20.74	20.76	20.76		
20	256QAM	1	0	19.95	19.99	19.88	20.7	1
20	256QAM	1	49	19.89	19.92	19.98		
20	256QAM	1	99	19.77	19.83	19.88		
20	256QAM	50	0	19.91	19.88	19.84		
20	256QAM	50	24	19.71	19.83	19.73	20.7	1
20	256QAM	50	50	19.92	19.83	19.82		
20	256QAM	100	0	19.87	19.85	19.87		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.85	20.87	20.86	21.7	0
15	QPSK	1	37	20.81	20.85	20.86		
15	QPSK	1	74	20.67	20.79	20.84		
15	QPSK	36	0	20.84	20.86	20.79		
15	QPSK	36	20	20.68	20.82	20.76		
15	QPSK	36	39	20.80	20.71	20.74		
15	QPSK	75	0	20.73	20.80	20.82		
15	16QAM	1	0	20.75	20.86	20.85		
15	16QAM	1	37	20.74	20.74	20.86	21.7	0
15	16QAM	1	74	20.70	20.70	20.76		
15	16QAM	36	0	20.80	20.76	20.79		
15	16QAM	36	20	20.60	20.79	20.60	21.7	0
15	16QAM	36	39	20.82	20.74	20.62		
15	16QAM	75	0	20.74	20.78	20.70		
15	64QAM	1	0	20.86	20.85	20.81		
15	64QAM	1	37	20.78	20.68	20.75	21.7	0
15	64QAM	1	74	20.69	20.73	20.72		
15	64QAM	36	0	20.77	20.83	20.77		
15	64QAM	36	20	20.68	20.76	20.65	21.7	0
15	64QAM	36	39	20.78	20.74	20.66		
15	64QAM	75	0	20.63	20.71	20.75		
15	256QAM	1	0	19.88	19.96	19.85		
15	256QAM	1	37	19.85	19.86	19.93	20.7	1
15	256QAM	1	74	19.69	19.79	19.80		
15	256QAM	36	0	19.81	19.87	19.80		
15	256QAM	36	20	19.81	19.80	19.62	20.7	1
15	256QAM	36	39	19.83	19.78	19.77		
15	256QAM	75	0	19.78	19.78	19.80		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.81	20.88	20.86	21.7	0
10	QPSK	1	25	20.87	20.81	20.92		
10	QPSK	1	49	20.70	20.82	20.83		
10	QPSK	25	0	20.79	20.84	20.80		
10	QPSK	25	12	20.66	20.85	20.67	21.7	0
10	QPSK	25	25	20.81	20.76	20.74		
10	QPSK	50	0	20.73	20.83	20.76		
10	16QAM	1	0	20.76	20.90	20.81		
10	16QAM	1	25	20.76	20.69	20.86	21.7	0
10	16QAM	1	49	20.70	20.70	20.81		
10	16QAM	25	0	20.77	20.84	20.75		
10	16QAM	25	12	20.60	20.81	20.60	21.7	0
10	16QAM	25	25	20.81	20.75	20.72		
10	16QAM	50	0	20.79	20.76	20.72		
10	64QAM	1	0	20.81	20.86	20.77		
10	64QAM	1	25	20.74	20.69	20.75	21.7	0
10	64QAM	1	49	20.70	20.75	20.76		
10	64QAM	25	0	20.77	20.89	20.77		
10	64QAM	25	12	20.67	20.74	20.72	21.7	0
10	64QAM	25	25	20.72	20.69	20.62		
10	64QAM	50	0	20.68	20.75	20.75		
10	256QAM	1	0	19.87	19.90	19.78		
10	256QAM	1	25	19.80	19.89	19.96	20.7	1
10	256QAM	1	49	19.68	19.79	19.78		
10	256QAM	25	0	19.87	19.85	19.77		
10	256QAM	25	12	19.70	19.74	19.71	20.7	1
10	256QAM	25	25	19.85	19.74	19.77		
10	256QAM	50	0	19.79	19.75	19.83		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.87	20.88	20.87	21.7	0
5	QPSK	1	12	20.82	20.78	20.91		
5	QPSK	1	24	20.75	20.80	20.80		
5	QPSK	12	0	20.86	20.83	20.86		
5	QPSK	12	7	20.70	20.82	20.72	21.7	0
5	QPSK	12	13	20.81	20.80	20.75		
5	QPSK	25	0	20.80	20.83	20.84		
5	16QAM	1	0	20.80	20.85	20.83		
5	16QAM	1	12	20.79	20.74	20.80	21.7	0
5	16QAM	1	24	20.72	20.71	20.75		
5	16QAM	12	0	20.79	20.80	20.83		
5	16QAM	12	7	20.61	20.73	20.60	21.7	0
5	16QAM	12	13	20.81	20.73	20.67		
5	16QAM	25	0	20.75	20.77	20.76		
5	64QAM	1	0	20.83	20.87	20.81		
5	64QAM	1	12	20.81	20.70	20.82	21.7	0
5	64QAM	1	24	20.72	20.71	20.80		
5	64QAM	12	0	20.74	20.80	20.80		
5	64QAM	12	7	20.65	20.74	20.66	21.7	0
5	64QAM	12	13	20.75	20.66	20.65		
5	64QAM	25	0	20.69	20.71	20.71		
5	256QAM	1	0	19.87	19.98	19.81		
5	256QAM	1	12	19.86	19.85	19.91	20.7	1
5	256QAM	1	24	19.73	19.73	19.86		
5	256QAM	12	0	19.87	19.86	19.75		
5	256QAM	12	7	19.62	19.81	19.62	20.7	1
5	256QAM	12	13	19.84	19.74	19.73		
5	256QAM	25	0	19.78	19.77	19.78		

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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	23.38	23.68	23.50	23.29	24.2	0
20	QPSK	1	49	23.49	23.65	23.60	23.55		
20	QPSK	1	99	23.55	23.54	23.46	23.60		
20	QPSK	50	0	23.41	23.59	23.45	23.53		
20	QPSK	50	24	23.44	23.56	23.54	23.44		
20	QPSK	50	50	23.42	23.55	23.54	23.50		
20	QPSK	100	0	23.44	23.67	23.57	23.47		
20	16QAM	1	0	23.34	23.66	23.49	23.27		
20	16QAM	1	49	23.46	23.58	23.57	23.50	24.2	0
20	16QAM	1	99	23.46	23.51	23.43	23.51		
20	16QAM	50	0	22.86	23.18	23.01	22.82		
20	16QAM	50	24	23.02	23.18	23.07	23.04	23.7	0.5
20	16QAM	50	50	23.07	23.02	22.97	23.12		
20	16QAM	100	0	22.88	23.12	22.96	23.00		
20	64QAM	1	0	22.93	23.11	23.04	22.92		
20	64QAM	1	49	22.90	23.04	23.05	22.99	23.7	0.5
20	64QAM	1	99	22.93	23.17	23.09	22.92		
20	64QAM	50	0	21.86	22.23	22.03	21.76		
20	64QAM	50	24	21.96	22.18	22.14	22.07	22.7	1.5
20	64QAM	50	50	22.05	22.02	21.93	22.05		
20	64QAM	100	0	21.88	22.13	21.99	22.00		
20	256QAM	1	0	19.87	20.19	20.00	19.78		
20	256QAM	1	49	20.02	20.11	20.08	20.03	20.7	3.5
20	256QAM	1	99	20.05	20.06	19.97	20.15		
20	256QAM	50	0	19.91	20.11	19.94	19.99		
20	256QAM	50	24	19.95	20.04	20.00	19.90	20.7	3.5
20	256QAM	50	50	19.96	20.09	20.08	20.00		
20	256QAM	100	0	19.97	20.20	20.03	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	23.34	23.65	23.46	23.25	24.2	0
15	QPSK	1	37	23.47	23.54	23.54	23.50		
15	QPSK	1	74	23.53	23.46	23.38	23.50		
15	QPSK	36	0	23.32	23.51	23.43	23.43		
15	QPSK	36	20	23.38	23.48	23.43	23.40	24.2	0
15	QPSK	36	39	23.37	23.46	23.50	23.39		
15	QPSK	75	0	23.37	23.57	23.50	23.37		
15	16QAM	1	0	23.24	23.64	23.45	23.22		
15	16QAM	1	37	23.37	23.56	23.49	23.43	24.2	0
15	16QAM	1	74	23.39	23.47	23.32	23.47		
15	16QAM	36	0	22.85	23.10	22.94	22.78		
15	16QAM	36	20	22.98	23.10	23.02	23.00	23.7	0.5
15	16QAM	36	39	22.99	23.01	22.89	23.04		
15	16QAM	75	0	22.87	23.07	22.93	22.91		
15	64QAM	1	0	22.83	23.03	23.01	22.91		
15	64QAM	1	37	22.87	22.98	22.97	22.93	23.7	0.5
15	64QAM	1	74	22.91	23.13	23.00	22.91		
15	64QAM	36	0	21.77	22.17	22.00	21.75		
15	64QAM	36	20	21.91	22.09	22.04	22.04	22.7	1.5
15	64QAM	36	39	22.00	21.99	21.84	22.00		
15	64QAM	75	0	21.83	22.09	21.84	21.92		
15	256QAM	1	0	19.78	20.14	19.92	19.75		
15	256QAM	1	37	20.01	20.07	19.98	19.93	20.7	3.5
15	256QAM	1	74	20.01	19.98	19.93	20.09		
15	256QAM	36	0	19.84	20.07	19.91	19.96		
15	256QAM	36	20	19.87	20.02	19.93	19.86	20.7	3.5
15	256QAM	36	39	19.90	20.03	20.00	19.96		
15	256QAM	75	0	19.92	20.12	19.93	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	23.37	23.67	23.42	23.20	24.2	0
10	QPSK	1	25	23.42	23.63	23.52	23.45		
10	QPSK	1	49	23.51	23.43	23.42	23.55		
10	QPSK	25	0	23.34	23.55	23.41	23.44		
10	QPSK	25	12	23.35	23.47	23.46	23.39	24.2	0
10	QPSK	25	25	23.34	23.49	23.49	23.46		
10	QPSK	50	0	23.33	23.63	23.54	23.40		
10	16QAM	1	0	23.32	23.57	23.43	23.20		
10	16QAM	1	25	23.36	23.51	23.53	23.45	24.2	0
10	16QAM	1	49	23.43	23.49	23.33	23.48		
10	16QAM	25	0	22.78	23.14	22.93	22.81		
10	16QAM	25	12	23.01	23.10	22.99	22.96	23.7	0.5
10	16QAM	25	25	23.01	22.95	22.91	23.08		
10	16QAM	50	0	22.87	23.01	22.88	22.90		
10	64QAM	1	0	22.91	23.05	22.94	22.89		
10	64QAM	1	25	22.83	23.01	22.98	22.98	23.7	0.5
10	64QAM	1	49	22.83	23.15	23.06	22.87		
10	64QAM	25	0	21.85	22.14	21.97	21.70		
10	64QAM	25	12	21.89	22.13	22.11	21.98	22.7	1.5
10	64QAM	25	25	21.98	21.92	21.85	21.99		
10	64QAM	50	0	21.85	22.03	21.84	21.97		
10	256QAM	1	0	19.80	20.09	19.91	19.73		
10	256QAM	1	25	20.00	20.08	20.06	20.01	20.7	3.5
10	256QAM	1	49	20.04	19.95	19.95	20.05		
10	256QAM	25	0	19.82	20.05	19.90	19.94		
10	256QAM	25	12	19.93	19.93	19.91	19.85	20.7	3.5
10	256QAM	25	25	19.91	20.03	19.99	19.99		
10	256QAM	50	0	19.93	20.13	19.94	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	23.27	23.58	23.40	23.22	24.2	0
5	QPSK	1	12	23.44	23.59	23.53	23.46		
5	QPSK	1	24	23.45	23.52	23.45	23.56		
5	QPSK	12	0	23.40	23.51	23.41	23.49		
5	QPSK	12	7	23.42	23.48	23.46	23.38	24.2	0
5	QPSK	12	13	23.36	23.46	23.45	23.43		
5	QPSK	25	0	23.43	23.61	23.50	23.36		
5	16QAM	1	0	23.24	23.64	23.39	23.18		
5	16QAM	1	12	23.37	23.54	23.52	23.41	24.2	0
5	16QAM	1	24	23.45	23.45	23.32	23.44		
5	16QAM	12	0	22.75	23.10	22.96	22.72		
5	16QAM	12	7	22.96	23.11	22.99	22.96	23.7	0.5
5	16QAM	12	13	22.97	22.99	22.93	23.02		
5	16QAM	25	0	22.83	23.08	22.87	22.96		
5	64QAM	1	0	22.87	23.04	22.99	22.84		
5	64QAM	1	12	22.85	22.95	23.03	22.95	23.7	0.5
5	64QAM	1	24	22.91	23.10	22.99	22.82		
5	64QAM	12	0	21.77	22.16	21.94	21.70		
5	64QAM	12	7	21.95	22.11	22.08	21.98	22.7	1.5
5	64QAM	12	13	21.97	21.92	21.88	21.99		
5	64QAM	25	0	21.83	22.08	21.88	21.92		
5	256QAM	1	0	19.85	20.15	19.90	19.71		
5	256QAM	1	12	20.00	20.09	20.07	19.98	20.7	3.5
5	256QAM	1	24	20.02	20.00	19.89	20.07		
5	256QAM	12	0	19.81	20.07	19.93	19.97		
5	256QAM	12	7	19.86	20.03	19.91	19.79	20.7	3.5
5	256QAM	12	13	19.88	20.06	19.97	19.91		
5	256QAM	25	0	19.87	20.12	19.95	19.90		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3490	3600	3540		
20	QPSK	1	0	20.31	20.33	20.15	21	0
20	QPSK	1	49	20.26	20.30	20.19		
20	QPSK	1	99	20.25	20.32	20.27		
20	QPSK	50	0	19.28	19.47	19.35	20	1
20	QPSK	50	24	19.21	19.45	19.26		
20	QPSK	50	50	19.29	19.34	19.27		
20	QPSK	100	0	19.25	19.30	19.26		
20	16QAM	1	0	19.24	19.32	19.30	20	1
20	16QAM	1	49	19.22	19.31	19.32		
20	16QAM	1	99	19.23	19.28	19.21		
20	16QAM	50	0	18.21	18.32	18.22	19	2
20	16QAM	50	24	18.22	18.32	18.24		
20	16QAM	50	50	18.27	18.32	18.27		
20	16QAM	100	0	18.31	18.34	18.25		
20	64QAM	1	0	18.25	18.36	18.27	19	2
20	64QAM	1	49	18.31	18.36	18.28		
20	64QAM	1	99	18.24	18.33	18.27		
20	64QAM	50	0	17.29	17.35	17.30	18	3
20	64QAM	50	24	17.33	17.35	17.30		
20	64QAM	50	50	17.26	17.31	17.29		
20	64QAM	100	0	17.27	17.35	17.33		
20	256QAM	1	0	15.35	15.38	15.28	16	5
20	256QAM	1	49	15.31	15.34	15.29		
20	256QAM	1	99	15.28	15.36	15.25		
20	256QAM	50	0	15.26	15.34	15.27	16	5
20	256QAM	50	24	15.23	15.34	15.31		
20	256QAM	50	50	15.28	15.38	15.34		
20	256QAM	100	0	15.28	15.33	15.26		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3600	3542.5		
15	QPSK	1	0	20.22	20.27	20.08	21	0
15	QPSK	1	37	20.23	20.25	20.11		
15	QPSK	1	74	20.18	20.30	20.24		
15	QPSK	36	0	19.18	19.28	19.32	20	1
15	QPSK	36	20	19.15	19.30	19.20		
15	QPSK	36	39	19.25	19.24	19.18		
15	QPSK	75	0	19.20	19.23	19.20		
15	16QAM	1	0	19.17	19.26	19.21	20	1
15	16QAM	1	37	19.13	19.23	19.28		
15	16QAM	1	74	19.15	19.22	19.11		
15	16QAM	36	0	18.12	18.30	18.14	19	2
15	16QAM	36	20	18.12	18.30	18.15		
15	16QAM	36	39	18.18	18.31	18.18		
15	16QAM	75	0	18.25	18.31	18.20		
15	64QAM	1	0	18.14	18.35	18.19	19	2
15	64QAM	1	37	18.22	18.35	18.26		
15	64QAM	1	74	18.19	18.23	18.24		
15	64QAM	36	0	17.28	17.30	17.22	18	3
15	64QAM	36	20	17.23	17.26	17.27		
15	64QAM	36	39	17.15	17.24	17.25		
15	64QAM	75	0	17.26	17.27	17.25		
15	256QAM	1	0	15.33	15.35	15.24	16	5
15	256QAM	1	37	15.28	15.27	15.24		
15	256QAM	1	74	15.19	15.25	15.18		
15	256QAM	36	0	15.16	15.24	15.17	16	5
15	256QAM	36	20	15.19	15.28	15.27		
15	256QAM	36	39	15.20	15.27	15.26		
15	256QAM	75	0	15.26	15.25	15.23		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3600	3545		
10	QPSK	1	0	20.26	20.30	20.07	21	0
10	QPSK	1	25	20.20	20.23	20.17		
10	QPSK	1	49	20.19	20.29	20.26		
10	QPSK	25	0	19.19	19.35	19.28	20	1
10	QPSK	25	12	19.13	19.29	19.18		
10	QPSK	25	25	19.26	19.33	19.18		
10	QPSK	50	0	19.24	19.24	19.20		
10	16QAM	1	0	19.18	19.29	19.25	20	1
10	16QAM	1	25	19.18	19.32	19.26		
10	16QAM	1	49	19.13	19.18	19.19		
10	16QAM	25	0	18.17	18.25	18.15	19	2
10	16QAM	25	12	18.20	18.27	18.19		
10	16QAM	25	25	18.21	18.21	18.26		
10	16QAM	50	0	18.20	18.24	18.19		
10	64QAM	1	0	18.16	18.26	18.23	19	2
10	64QAM	1	25	18.24	18.27	18.25		
10	64QAM	1	49	18.20	18.24	18.16		
10	64QAM	25	0	17.18	17.27	17.19	18	3
10	64QAM	25	12	17.29	17.29	17.26		
10	64QAM	25	25	17.21	17.28	17.23		
10	64QAM	50	0	17.19	17.27	17.29		
10	256QAM	1	0	15.29	15.30	15.25	16	5
10	256QAM	1	25	15.22	15.26	15.24		
10	256QAM	1	49	15.20	15.26	15.19		
10	256QAM	25	0	15.20	15.31	15.24	16	5
10	256QAM	25	12	15.22	15.30	15.25		
10	256QAM	25	25	15.18	15.33	15.33		
10	256QAM	50	0	15.24	15.30	15.16		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3600	3547.5		
5	QPSK	1	0	20.29	20.31	20.07	21	0
5	QPSK	1	12	20.17	20.21	20.12		
5	QPSK	1	24	20.19	20.25	20.19		
5	QPSK	12	0	19.19	19.28	19.27	20	1
5	QPSK	12	7	19.20	19.26	19.19		
5	QPSK	12	13	19.26	19.33	19.25		
5	QPSK	25	0	19.15	19.28	19.20		
5	16QAM	1	0	19.14	19.21	19.20	20	1
5	16QAM	1	12	19.21	19.26	19.30		
5	16QAM	1	24	19.19	19.20	19.19		
5	16QAM	12	0	18.12	18.31	18.20	19	2
5	16QAM	12	7	18.12	18.23	18.16		
5	16QAM	12	13	18.20	18.31	18.16		
5	16QAM	25	0	18.23	18.27	18.19		
5	64QAM	1	0	18.14	18.27	18.25	19	2
5	64QAM	1	12	18.26	18.29	18.18		
5	64QAM	1	24	18.18	18.24	18.17		
5	64QAM	12	0	17.26	17.25	17.23	18	3
5	64QAM	12	7	17.25	17.29	17.20		
5	64QAM	12	13	17.21	17.22	17.26		
5	64QAM	25	0	17.24	17.32	17.27		
5	256QAM	1	0	15.33	15.28	15.21	16	5
5	256QAM	1	12	15.20	15.31	15.18		
5	256QAM	1	24	15.23	15.33	15.16		
5	256QAM	12	0	15.20	15.26	15.23	16	5
5	256QAM	12	7	15.22	15.27	15.24		
5	256QAM	12	13	15.27	15.31	15.31		
5	256QAM	25	0	15.19	15.31	15.20		

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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	20.01	20.23	19.91	19.96	21.5	0
20	QPSK	1	49	20.15	20.17	20.13	20.14		
20	QPSK	1	99	20.10	20.14	20.07	20.06		
20	QPSK	50	0	19.18	19.35	19.17	19.10	20.5	1
20	QPSK	50	24	19.02	19.31	19.01	19.04		
20	QPSK	50	50	19.12	19.18	19.19	19.14		
20	QPSK	100	0	19.14	19.17	19.15	19.15		
20	16QAM	1	0	19.00	19.05	19.00	18.95	20.5	1
20	16QAM	1	49	18.95	18.97	18.91	18.91		
20	16QAM	1	99	18.93	19.01	18.91	18.93		
20	16QAM	50	0	18.16	18.18	18.13	18.12	19.5	2
20	16QAM	50	24	18.04	18.09	18.00	18.00		
20	16QAM	50	50	18.10	18.13	18.04	18.03		
20	16QAM	100	0	18.16	18.18	18.09	18.16		
20	64QAM	1	0	18.18	18.24	18.22	18.14	19.5	2
20	64QAM	1	49	18.08	18.10	18.04	18.00		
20	64QAM	1	99	18.07	18.11	18.05	18.07		
20	64QAM	50	0	17.11	17.19	17.08	17.15	18.5	3
20	64QAM	50	24	17.04	17.13	17.09	17.04		
20	64QAM	50	50	17.12	17.17	17.11	17.15		
20	64QAM	100	0	17.09	17.20	17.13	17.17		
20	256QAM	1	0	15.21	15.27	15.17	15.20	16.5	5
20	256QAM	1	49	15.18	15.22	15.13	15.12		
20	256QAM	1	99	15.17	15.18	15.17	15.10		
20	256QAM	50	0	15.29	15.36	15.34	15.32	16.5	5
20	256QAM	50	24	15.24	15.32	15.19	15.29		
20	256QAM	50	50	15.18	15.20	15.18	15.21		
20	256QAM	100	0	15.24	15.32	15.22	15.30		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.96	20.14	19.85	19.89	21.5	0
15	QPSK	1	37	20.11	20.09	20.09	20.06		
15	QPSK	1	74	20.00	20.09	20.01	19.99		
15	QPSK	36	0	19.10	19.11	19.11	19.02	20.5	1
15	QPSK	36	20	18.97	19.09	18.93	18.93		
15	QPSK	36	39	19.05	19.17	19.08	19.08		
15	QPSK	75	0	19.07	19.11	19.06	19.07		
15	16QAM	1	0	18.94	19.04	18.97	18.84	20.5	1
15	16QAM	1	37	18.85	18.92	18.80	18.81		
15	16QAM	1	74	18.83	18.95	18.89	18.92		
15	16QAM	36	0	18.10	18.14	18.03	18.06	19.5	2
15	16QAM	36	20	18.01	18.01	17.96	17.98		
15	16QAM	36	39	18.05	18.04	18.02	17.97		
15	16QAM	75	0	18.06	18.16	18.05	18.08		
15	64QAM	1	0	18.07	18.22	18.16	18.06	19.5	2
15	64QAM	1	37	17.98	18.00	18.02	17.99		
15	64QAM	1	74	17.97	18.08	17.98	17.97		
15	64QAM	36	0	17.05	17.15	17.06	17.07	18.5	3
15	64QAM	36	20	16.96	17.07	16.99	17.01		
15	64QAM	36	39	17.11	17.12	17.07	17.05		
15	64QAM	75	0	17.06	17.12	17.06	17.14		
15	256QAM	1	0	15.17	15.21	15.09	15.15	16.5	5
15	256QAM	1	37	15.11	15.21	15.03	15.06		
15	256QAM	1	74	15.10	15.08	15.12	15.04		
15	256QAM	36	0	15.19	15.29	15.23	15.27	16.5	5
15	256QAM	36	20	15.17	15.29	15.17	15.25		
15	256QAM	36	39	15.14	15.09	15.10	15.12		
15	256QAM	75	0	15.16	15.23	15.19	15.24		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.95	20.13	19.82	19.93	21.5	0
10	QPSK	1	25	20.14	20.14	20.05	20.10		
10	QPSK	1	49	20.00	20.12	20.00	19.95		
10	QPSK	25	0	19.12	19.12	19.12	19.08	20.5	1
10	QPSK	25	12	18.99	19.03	18.94	18.96		
10	QPSK	25	25	19.10	19.10	19.09	19.11		
10	QPSK	50	0	19.07	19.11	19.12	19.14		
10	16QAM	1	0	18.96	19.02	18.98	18.94	20.5	1
10	16QAM	1	25	18.89	18.91	18.89	18.83		
10	16QAM	1	49	18.89	18.91	18.80	18.82		
10	16QAM	25	0	18.08	18.07	18.07	18.02	19.5	2
10	16QAM	25	12	17.99	17.98	17.94	17.93		
10	16QAM	25	25	18.05	18.06	17.93	17.95		
10	16QAM	50	0	18.10	18.08	18.02	18.10		
10	64QAM	1	0	18.12	18.14	18.15	18.09	19.5	2
10	64QAM	1	25	18.05	18.03	17.97	17.97		
10	64QAM	1	49	18.01	18.03	17.98	18.01		
10	64QAM	25	0	17.02	17.11	16.98	17.05	18.5	3
10	64QAM	25	12	16.95	17.08	17.01	16.99		
10	64QAM	25	25	17.10	17.07	17.06	17.08		
10	64QAM	50	0	17.07	17.10	17.04	17.07		
10	256QAM	1	0	15.15	15.21	15.14	15.12	16.5	5
10	256QAM	1	25	15.14	15.16	15.11	15.09		
10	256QAM	1	49	15.12	15.17	15.15	15.08		
10	256QAM	25	0	15.26	15.28	15.27	15.27	16.5	5
10	256QAM	25	12	15.16	15.25	15.11	15.25		
10	256QAM	25	25	15.10	15.10	15.12	15.18		
10	256QAM	50	0	15.17	15.28	15.16	15.20		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.92	20.15	19.86	19.85	21.5	0
5	QPSK	1	12	20.11	20.12	20.11	20.12		
5	QPSK	1	24	20.01	20.07	20.04	19.97		
5	QPSK	12	0	19.10	19.16	19.14	19.07	20.5	1
5	QPSK	12	7	18.95	19.02	18.98	19.03		
5	QPSK	12	13	19.03	19.11	19.06	19.04		
5	QPSK	25	0	19.04	19.07	19.11	19.10		
5	16QAM	1	0	18.96	18.95	18.98	18.86	20.5	1
5	16QAM	1	12	18.92	18.88	18.84	18.85		
5	16QAM	1	24	18.89	18.93	18.85	18.82		
5	16QAM	12	0	18.14	18.16	18.12	18.07	19.5	2
5	16QAM	12	7	18.03	18.00	17.92	17.93		
5	16QAM	12	13	17.99	18.05	18.02	17.92		
5	16QAM	25	0	18.12	18.13	18.04	18.10	19.5	2
5	64QAM	1	0	18.10	18.22	18.19	18.12		
5	64QAM	1	12	17.99	18.07	17.98	17.93		
5	64QAM	1	24	18.00	18.02	17.98	18.03		
5	64QAM	12	0	17.08	17.11	17.05	17.12	18.5	3
5	64QAM	12	7	16.95	17.07	17.06	17.00		
5	64QAM	12	13	17.07	17.07	17.04	17.13		
5	64QAM	25	0	17.06	17.15	17.06	17.15		
5	256QAM	1	0	15.15	15.18	15.14	15.17	16.5	5
5	256QAM	1	12	15.09	15.14	15.07	15.06		
5	256QAM	1	24	15.12	15.12	15.15	15.09		
5	256QAM	12	0	15.18	15.30	15.26	15.25	16.5	5
5	256QAM	12	7	15.23	15.31	15.11	15.24		
5	256QAM	12	13	15.16	15.11	15.10	15.12		
5	256QAM	25	0	15.19	15.31	15.14	15.19		

Reduced Power Mode for SA DSI 4

GSM850 Ant0 DSI4

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	190	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.39	30.37	30.33	32.00	21.39	21.37	21.33	23.00
GPRS 1 Tx slot	30.42	30.41	30.25	32.00	21.42	21.41	21.25	23.00
GPRS 2 Tx slots	27.61	27.73	27.58	29.00	21.61	21.73	21.58	23.00
GPRS 3 Tx slots	25.78	25.81	25.78	27.20	21.52	21.55	21.52	22.94
GPRS 4 Tx slots	24.59	24.68	24.66	26.00	21.59	21.68	21.66	23.00
EDGE 1 Tx slot	27.29	27.31	27.28	28.50	18.29	18.31	18.28	19.50
EDGE 2 Tx slots	24.91	24.94	24.91	25.50	18.91	18.94	18.91	19.50
EDGE 3 Tx slots	23.13	23.18	23.16	23.70	18.87	18.92	18.90	19.44
EDGE 4 Tx slots	21.68	21.73	21.72	22.50	18.68	18.73	18.72	19.50

		WCDMA V Ant0 DSI4				WCDMA IV Ant0 DSI4			
Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.27	21.33	21.41	22.20	12.99	13.04	12.92	14.80
3GPP Rel 99	RMC 12.2Kbps	21.32	21.45	21.43	22.20	13.08	13.12	13.02	14.80
3GPP Rel 6	HSDPA Subtest-1	20.21	20.55	20.22	21.20	12.15	12.41	12.14	13.80
3GPP Rel 6	HSDPA Subtest-2	20.14	20.31	20.27	21.20	12.03	12.28	12.27	13.80
3GPP Rel 6	HSDPA Subtest-3	19.65	19.81	19.73	20.70	11.62	11.66	11.56	13.30
3GPP Rel 6	HSDPA Subtest-4	19.77	19.81	19.68	20.70	11.73	11.65	11.81	13.30
3GPP Rel 8	DC-HSDPA Subtest-1	20.10	20.15	20.09	21.20	11.99	12.15	12.07	13.80
3GPP Rel 8	DC-HSDPA Subtest-2	20.14	20.40	20.24	21.20	12.02	12.16	12.17	13.80
3GPP Rel 8	DC-HSDPA Subtest-3	19.69	19.84	19.78	20.70	11.75	11.72	11.69	13.30
3GPP Rel 8	DC-HSDPA Subtest-4	19.90	19.80	19.65	20.70	11.73	11.69	11.60	13.30
3GPP Rel 6	HSUPA Subtest-1	20.33	20.54	20.34	21.20	12.16	12.41	12.22	13.80
3GPP Rel 6	HSUPA Subtest-2	18.29	18.29	18.40	19.20	10.13	10.21	10.31	11.80
3GPP Rel 6	HSUPA Subtest-3	19.21	19.37	19.30	20.20	11.13	11.26	11.17	12.80
3GPP Rel 6	HSUPA Subtest-4	18.08	18.39	18.16	19.20	9.99	10.36	10.11	11.80
3GPP Rel 6	HSUPA Subtest-5	20.10	20.35	20.24	21.20	12.03	12.27	12.15	13.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.75	17.83	17.74	18.70	9.61	9.71	9.57	11.30

Band 4 Ant0 Other PA DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	13.97	14.2	13.99		
20	QPSK	1	49	13.93	14.01	13.98	14.7	0
20	QPSK	1	99	14.03	14.11	14.06		
20	QPSK	50	0	14.03	14.15	14.11		
20	QPSK	50	24	13.94	14.13	14.02	14.7	0
20	QPSK	50	50	13.95	14.03	13.98		
20	QPSK	100	0	13.96	14.08	13.97		
20	16QAM	1	0	13.95	14.1	13.93		
20	16QAM	1	49	13.9	13.91	13.9	14.7	0
20	16QAM	1	99	13.98	14.04	14.03		
20	16QAM	50	0	13.99	14.09	14.05		
20	16QAM	50	24	13.84	14.04	13.99	14.7	0
20	16QAM	50	50	13.93	13.93	13.97		
20	16QAM	100	0	13.89	14.01	13.94		
20	64QAM	1	0	13.87	14.11	13.96		
20	64QAM	1	49	13.92	14	13.96	14.7	0
20	64QAM	1	99	13.94	14.05	14.02		
20	64QAM	50	0	13.95	14.06	14.06		
20	64QAM	50	24	13.92	14.03	13.99	14.7	0
20	64QAM	50	50	13.86	13.93	13.96		
20	64QAM	100	0	13.89	14.01	13.92		
20	256QAM	1	0	13.95	14.17	13.89		
20	256QAM	1	49	13.86	13.9	13.88	14.7	0
20	256QAM	1	99	14.02	14.07	13.95		
20	256QAM	50	0	13.94	14.09	14.09		
20	256QAM	50	24	13.9	14.09	13.96	14.7	0
20	256QAM	50	50	13.92	14	13.93		
20	256QAM	100	0	13.87	14.03	13.94		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	13.87	14.11	13.89		
15	QPSK	1	37	13.83	13.96	13.89	14.7	0
15	QPSK	1	74	13.96	14.07	13.99		
15	QPSK	36	0	13.96	14.04	14.07		
15	QPSK	36	20	13.87	14.05	13.96	14.7	0
15	QPSK	36	39	13.86	13.98	13.92		
15	QPSK	75	0	13.92	14.04	13.93		
15	16QAM	1	0	13.92	14.07	13.9		
15	16QAM	1	37	13.79	13.81	13.83	14.7	0
15	16QAM	1	74	13.92	13.95	14.01		
15	16QAM	36	0	13.94	14.03	13.95		
15	16QAM	36	20	13.74	13.95	13.97	14.7	0
15	16QAM	36	39	13.89	13.9	13.9		
15	16QAM	75	0	13.83	13.93	13.91		
15	64QAM	1	0	13.77	14.08	13.87		
15	64QAM	1	37	13.86	13.93	13.94	14.7	0
15	64QAM	1	74	13.89	13.97	13.96		
15	64QAM	36	0	13.94	14.02	13.96		
15	64QAM	36	20	13.9	13.95	13.94	14.7	0
15	64QAM	36	39	13.83	13.85	13.91		
15	64QAM	75	0	13.82	13.99	13.83		
15	256QAM	1	0	13.93	14.13	13.84		
15	256QAM	1	37	13.8	13.85	13.86	14.7	0
15	256QAM	1	74	13.96	13.97	13.92		
15	256QAM	36	0	13.85	13.99	14.01		
15	256QAM	36	20	13.8	14.01	13.86	14.7	0
15	256QAM	36	39	13.87	13.94	13.91		
15	256QAM	75	0	13.78	13.96	13.84		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	13.86	14.16	13.92		
10	QPSK	1	25	13.84	13.94	13.97	14.7	0
10	QPSK	1	49	13.92	14	14		
10	QPSK	25	0	13.97	14.12	14.06		
10	QPSK	25	12	13.91	14.04	13.92	14.7	0
10	QPSK	25	25	13.89	13.97	13.87		
10	QPSK	50	0	13.93	14.01	13.88		
10	16QAM	1	0	13.88	14.02	13.9		
10	16QAM	1	25	13.87	13.87	13.81	14.7	0
10	16QAM	1	49	13.96	13.97	13.93		
10	16QAM	25	0	13.93	14.01	13.94		
10	16QAM	25	12	13.77	13.94	13.91	14.7	0
10	16QAM	25	25	13.85	13.83	13.92		
10	16QAM	50	0	13.79	13.92	13.92		
10	64QAM	1	0	13.79	14.09	13.88		
10	64QAM	1	25	13.89	13.9	13.9	14.7	0
10	64QAM	1	49	13.83	14.04	13.94		
10	64QAM	25	0	13.89	14.03	13.97		
10	64QAM	25	12	13.85	13.93	13.94	14.7	0
10	64QAM	25	25	13.77	13.9	13.93		
10	64QAM	50	0	13.84	13.97	13.88		
10	256QAM	1	0	13.85	14.11	13.86		
10	256QAM	1	25	13.83	13.86	13.84	14.7	0
10	256QAM	1	49	13.93	13.96	13.89		
10	256QAM	25	0	13.85	13.99	14.07		
10	256QAM	25	12	13.83	13.98	13.86	14.7	0
10	256QAM	25	25	13.87	13.9	13.91		
10	256QAM	50	0	13.85	14.02	13.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	13.93	14.09	13.96		
5	QPSK	1	12	13.87	13.95	13.96	14.7	0
5	QPSK	1	24	13.95	14.07	14		
5	QPSK	12	0	13.94	14.14	14.01		
5	QPSK	12	7	13.85	14.04	13.98	14.7	0
5	QPSK	12	13	13.86	14	13.89		
5	QPSK	25	0	13.87	14.04	13.88		
5	16QAM	1	0	13.87	14	13.84		
5	16QAM	1	12	13.85	13.86	13.88	14.7	0
5	16QAM	1	24	13.95	13.94	13.95		
5	16QAM	12	0	13.97	14.02	13.95		
5	16QAM	12	7	13.74	13.98	13.93	14.7	0
5	16QAM	12	13	13.84	13.86	13.91		
5	16QAM	25	0	13.84	13.98	13.88		
5	64QAM	1	0	13.76	14.08	13.88		
5	64QAM	1	12	13.84	13.91	13.91	14.7	0
5	64QAM	1	24	13.84	13.98	14		
5	64QAM	12	0	13.9	14	13.99		
5	64QAM	12	7	13.81	13.97	13.98	14.7	0
5	64QAM	12	13	13.78	13.82	13.85		
5	64QAM	25	0	13.85	13.96	13.89		
5	256QAM	1	0	13.87	14.07	13.84		
5	256QAM	1	12	13.83	13.89	13.84	14.7	0
5	256QAM	1	24	13.96	13.98	13.93		
5	256QAM	12	0	13.89	14.04	14		
5	256QAM	12	7	13.81	14.07	13.91	14.7	0
5	256QAM	12	13	13.88	13.97	13.85		
5	256QAM	25	0	13.82	13.97	13.86		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	13.92	14.15	13.91		
3	QPSK	1	8	13.86	13.91	13.89	14.7	0
3	QPSK	1	14	14.01	14.02	13.99		
3	QPSK	8	0	13.95	14.05	14.07		
3	QPSK	8	4	13.88	14.03	13.93	14.7	0
3	QPSK	8	7	13.91	13.99	13.97		
3	QPSK	15	0	13.95	13.97	13.87		
3	16QAM	1	0	13.87	14.08	13.84		
3	16QAM	1	8	13.84	13.81	13.85	14.7	0
3	16QAM	1	14	13.9	13.95	14.02		
3	16QAM	8	0	13.9	14.03	14.01		
3	16QAM	8	4	13.8	14	13.94	14.7	0
3	16QAM	8	7	13.88	13.86	13.88		
3	16QAM	15	0	13.83	13.93	13.89		
3	64QAM	1	0	13.84	14.08	13.93		
3	64QAM	1	8	13.82	13.91	13.92	14.7	0
3	64QAM	1	14	13.92	13.97	13.96		
3	64QAM	8	0	13.92	13.98	13.97		
3	64QAM	8	4	13.86	14.01	13.9	14.7	0
3	64QAM	8	7	13.76	13.85	13.85		
3	64QAM	15	0	13.86	13.91	13.88		
3	256QAM	1	0	13.89	14.08	13.8		
3	256QAM	1	8	13.79	13.81	13.81	14.7	0
3	256QAM	1	14	14	14.01	13.87		
3	256QAM	8	0	13.93	14.03	14		
3	256QAM	8	4	13.85	14.06	13.92	14.7	0
3	256QAM	8	7	13.91	13.93	13.91		
3	256QAM	15	0	13.82	13.96	13.84		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	13.88	14.15	13.91		
1.4	QPSK	1	3	13.9	13.94	13.89		
1.4	QPSK	1	5	13.96	14	14.03	14.7	0
1.4	QPSK	3	0	13.97	14.12	14.07		
1.4	QPSK	3	1	13.91	14.06	13.98		
1.4	QPSK	3	3	13.9	14.01	13.9		
1.4	QPSK	6	0	13.87	14.03	13.88	14.7	0
1.4	16QAM	1	0	13.94	14.07	13.89		
1.4	16QAM	1	3	13.86	13.8	13.88		
1.4	16QAM	1	5	13.87	13.95	13.98	14.7	0
1.4	16QAM	3	0	13.91	14.04	14.01		
1.4	16QAM	3	1	13.76	13.97	13.92		
1.4	16QAM	3	3	13.86	13.87	13.86		
1.4	16QAM	6	0	13.83	13.95	13.92	14.7	0
1.4	64QAM	1	0	13.78	14.08	13.9		
1.4	64QAM	1	3	13.89	13.91	13.88		
1.4	64QAM	1	5	13.86	13.98	13.94	14.7	0
1.4	64QAM	3	0	13.85	14.05	14.03		
1.4	64QAM	3	1	13.83	13.99	13.88		
1.4	64QAM	3	3	13.85	13.86	13.92		
1.4	64QAM	6	0	13.85	13.97	13.83	14.7	0
1.4	256QAM	1	0	13.86	14.1	13.78		
1.4	256QAM	1	3	13.82	13.83	13.8		
1.4	256QAM	1	5	13.96	13.97	13.92	14.7	0
1.4	256QAM	3	0	13.87	14.04	14		
1.4	256QAM	3	1	13.86	14.02	13.87		
1.4	256QAM	3	3	13.91	13.96	13.86		
1.4	256QAM	6	0	13.84	13.95	13.93	14.7	0

Band 5 Ant0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.38	21.45	21.38		
10	QPSK	1	25	21.36	21.35	21.28	22.2	0
10	QPSK	1	49	21.31	21.36	21.42		
10	QPSK	25	0	21.41	21.43	21.28		
10	QPSK	25	12	21.29	21.33	21.4	22.2	0
10	QPSK	25	25	21.3	21.34	21.38		
10	QPSK	50	0	21.36	21.41	21.28		
10	16QAM	1	0	21.35	21.41	21.32		
10	16QAM	1	25	21.34	21.32	21.22	22.2	0
10	16QAM	1	49	21.21	21.32	21.37		
10	16QAM	25	0	21.38	21.38	21.23		
10	16QAM	25	12	21.26	21.28	21.38	22.2	0
10	16QAM	25	25	21.19	21.3	21.32		
10	16QAM	50	0	21.31	21.34	21.17		
10	64QAM	1	0	21.36	21.41	21.34		
10	64QAM	1	25	21.31	21.27	21.2	22.2	0
10	64QAM	1	49	21.25	21.31	21.34		
10	64QAM	25	0	21.38	21.41	21.23		
10	64QAM	25	12	21.23	21.26	21.35	22.2	0
10	64QAM	25	25	21.21	21.24	21.35		
10	64QAM	50	0	21.3	21.33	21.23		
10	256QAM	1	0	19.9	19.91	19.92		
10	256QAM	1	25	19.83	19.87	19.76	20.7	1.5
10	256QAM	1	49	19.85	19.86	19.95		
10	256QAM	25	0	19.88	19.92	19.73		
10	256QAM	25	12	19.79	19.88	19.91	20.7	1.5
10	256QAM	25	25	19.78	19.83	19.91		
10	256QAM	50	0	19.82	19.9	19.79		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.31	21.43	21.28		
5	QPSK	1	12	21.33	21.32	21.24	22.2	0
5	QPSK	1	24	21.23	21.33	21.38		
5	QPSK	12	0	21.33	21.39	21.23		
5	QPSK	12	7	21.21	21.22	21.39	22.2	0
5	QPSK	12	13	21.19	21.24	21.29		
5	QPSK	25	0	21.26	21.37	21.18		
5	16QAM	1	0	21.26	21.31	21.29		
5	16QAM	1	12	21.31	21.23	21.14	22.2	0
5	16QAM	1	24	21.18	21.24	21.31		
5	16QAM	12	0	21.31	21.36	21.15		
5	16QAM	12	7	21.24	21.2	21.29	22.2	0
5	16QAM	12	13	21.1	21.21	21.23		
5	16QAM	25	0	21.27	21.3	21.1		
5	64QAM	1	0	21.26	21.39	21.23		
5	64QAM	1	12	21.22	21.2	21.14	22.2	0
5	64QAM	1	24	21.2	21.29	21.29		
5	64QAM	12	0	21.36	21.37	21.22		
5	64QAM	12	7	21.21	21.21	21.26	22.2	0
5	64QAM	12	13	21.15	21.16	21.33		
5	64QAM	25	0	21.27	21.23	21.13		
5	256QAM	1	0	19.89	19.88	19.88		
5	256QAM	1	12	19.79	19.83	19.72	20.7	1.5
5	256QAM	1	24	19.79	19.84	19.92		
5	256QAM	12	0	19.86	19.84	19.63		
5	256QAM	12	7	19.68	19.78	19.85	20.7	1.5
5	256QAM	12	13	19.72	19.79	19.89		
5	256QAM	25	0	19.77	19.89	19.68		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.27	21.39	21.36		
3	QPSK	1	8	21.3	21.28	21.19	22.2	0
3	QPSK	1	14	21.21	21.31	21.35		
3	QPSK	8	0	21.34	21.33	21.26		
3	QPSK	8	4	21.22	21.23	21.38	22.2	0
3	QPSK	8	7	21.21	21.24	21.29		
3	QPSK	15	0	21.33	21.38	21.2		
3	16QAM	1	0	21.27	21.34	21.24		
3	16QAM	1	8	21.31	21.26	21.14	22.2	0
3	16QAM	1	14	21.1	21.23	21.31		
3	16QAM	8	0	21.32	21.35	21.14		
3	16QAM	8	4	21.2	21.24	21.31	22.2	0
3	16QAM	8	7	21.1	21.24	21.28		
3	16QAM	15	0	21.22	21.29	21.13		
3	64QAM	1	0	21.31	21.35	21.25		
3	64QAM	1	8	21.23	21.2	21.12	22.2	0
3	64QAM	1	14	21.22	21.23	21.25		
3	64QAM	8	0	21.35	21.37	21.17		
3	64QAM	8	4	21.19	21.21	21.25	22.2	0
3	64QAM	8	7	21.11	21.15	21.27		
3	64QAM	15	0	21.27	21.27	21.2		
3	256QAM	1	0	19.82	19.85	19.87		
3	256QAM	1	8	19.76	19.78	19.72	20.7	1.5
3	256QAM	1	14	19.81	19.78	19.92		
3	256QAM	8	0	19.86	19.88	19.63		
3	256QAM	8	4	19.74	19.81	19.84	20.7	1.5
3	256QAM	8	7	19.73	19.81	19.89		
3	256QAM	15	0	19.71	19.81	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	21.27	21.41	21.37		
1.4	QPSK	1	3	21.33	21.25	21.2		
1.4	QPSK	1	5	21.25	21.25	21.35	22.2	0
1.4	QPSK	3	0	21.38	21.4	21.22		
1.4	QPSK	3	1	21.22	21.31	21.39		
1.4	QPSK	3	3	21.22	21.31	21.36		
1.4	QPSK	6	0	21.33	21.31	21.27	22.2	0
1.4	16QAM	1	0	21.25	21.31	21.25		
1.4	16QAM	1	3	21.24	21.27	21.16		
1.4	16QAM	1	5	21.12	21.3	21.29	22.2	0
1.4	16QAM	3	0	21.35	21.31	21.15		
1.4	16QAM	3	1	21.21	21.19	21.28		
1.4	16QAM	3	3	21.11	21.27	21.31		
1.4	16QAM	6	0	21.27	21.3	21.11	22.2	0
1.4	64QAM	1	0	21.3	21.31	21.26		
1.4	64QAM	1	3	21.29	21.24	21.11		
1.4	64QAM	1	5	21.18	21.25	21.3	22.2	0
1.4	64QAM	3	0	21.28	21.37	21.14		
1.4	64QAM	3	1	21.21	21.21	21.26		
1.4	64QAM	3	3	21.19	21.16	21.25		
1.4	64QAM	6	0	21.19	21.29	21.18	22.2	0
1.4	256QAM	1	0	19.88	19.83	19.87		
1.4	256QAM	1	3	19.77	19.84	19.68		
1.4	256QAM	1	5	19.83	19.79	19.92	20.7	1.5
1.4	256QAM	3	0	19.79	19.82	19.72		
1.4	256QAM	3	1	19.69	19.84	19.88		
1.4	256QAM	3	3	19.75	19.75	19.86		
1.4	256QAM	6	0	19.77	19.81	19.7	20.7	1.5

Band 7 Ant0 Other PA DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.11	16.21	16.1		
20	QPSK	1	49	15.97	16.19	15.98	16.7	0
20	QPSK	1	99	16.14	16.03	16.09		
20	QPSK	50	0	15.98	16.17	16.14		
20	QPSK	50	24	16.08	16.12	16.15	16.7	0
20	QPSK	50	50	16.02	16.11	16.08		
20	QPSK	100	0	15.98	16.16	16.12		
20	16QAM	1	0	16.03	16.19	16		
20	16QAM	1	49	15.95	16.12	15.91	16.7	0
20	16QAM	1	99	16.08	15.98	16.06		
20	16QAM	50	0	15.9	16.08	16.09		
20	16QAM	50	24	15.98	16.13	16.14	16.7	0
20	16QAM	50	50	15.94	16.16	16.05		
20	16QAM	100	0	15.97	16.08	16.01		
20	64QAM	1	0	16.06	16.1	15.99		
20	64QAM	1	49	15.93	16.11	15.94	16.7	0
20	64QAM	1	99	16.12	15.97	16.08		
20	64QAM	50	0	15.95	16.09	16.09		
20	64QAM	50	24	15.98	16.1	16.12	16.7	0
20	64QAM	50	50	15.92	16.09	15.98		
20	64QAM	100	0	15.87	16.14	16.02		
20	256QAM	1	0	16.07	16.12	16.07		
20	256QAM	1	49	15.91	16.1	15.95	16.7	0
20	256QAM	1	99	16.07	15.99	16.06		
20	256QAM	50	0	15.95	16.15	16.06		
20	256QAM	50	24	16	16.09	16.12	16.7	0
20	256QAM	50	50	15.96	16.11	16.05		
20	256QAM	100	0	15.96	16.08	16.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.07	16.2	15.99		
15	QPSK	1	37	15.87	16.16	15.88	16.7	0
15	QPSK	1	74	16.08	15.93	16.08		
15	QPSK	36	0	15.9	16.08	16.08		
15	QPSK	36	20	16	16.17	16.07	16.7	0
15	QPSK	36	39	15.98	16.08	16.03		
15	QPSK	75	0	15.91	16.07	16.02		
15	16QAM	1	0	15.94	16.16	15.94		
15	16QAM	1	37	15.93	16.03	15.81	16.7	0
15	16QAM	1	74	16	15.91	15.98		
15	16QAM	36	0	15.82	16.06	16.03		
15	16QAM	36	20	15.88	16.11	16.07	16.7	0
15	16QAM	36	39	15.89	16.06	15.99		
15	16QAM	75	0	15.9	16.02	15.94		
15	64QAM	1	0	15.95	16	15.97		
15	64QAM	1	37	15.91	16.04	15.87	16.7	0
15	64QAM	1	74	16.05	15.89	16		
15	64QAM	36	0	15.87	16.07	16.05		
15	64QAM	36	20	15.91	16.08	16.04	16.7	0
15	64QAM	36	39	15.83	16.04	15.89		
15	64QAM	75	0	15.83	16.1	15.97		
15	256QAM	1	0	15.98	16.06	16		
15	256QAM	1	37	15.88	16.04	15.91	16.7	0
15	256QAM	1	74	16.01	15.89	15.99		
15	256QAM	36	0	15.88	16.13	16.05		
15	256QAM	36	20	15.96	16.05	16.03	16.7	0
15	256QAM	36	39	15.9	16.05	15.94		
15	256QAM	75	0	15.88	16.05	15.99		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.1	16.12	16.07		
10	QPSK	1	25	15.96	16.18	15.95	16.7	0
10	QPSK	1	49	16.06	15.96	16.01		
10	QPSK	25	0	15.9	16.12	16.04		
10	QPSK	25	12	16.04	16.14	16.07	16.7	0
10	QPSK	25	25	15.94	16.11	15.99		
10	QPSK	50	0	15.87	16.05	16.07		
10	16QAM	1	0	15.92	16.13	15.92		
10	16QAM	1	25	15.89	16.08	15.8	16.7	0
10	16QAM	1	49	16.01	15.9	15.95		
10	16QAM	25	0	15.79	16.06	16.05		
10	16QAM	25	12	15.93	16.11	16.06	16.7	0
10	16QAM	25	25	15.84	16.13	15.96		
10	16QAM	50	0	15.94	16	15.99		
10	64QAM	1	0	16.04	16.08	15.89		
10	64QAM	1	25	15.88	16.01	15.88	16.7	0
10	64QAM	1	49	16.07	15.93	16		
10	64QAM	25	0	15.94	16	16.06		
10	64QAM	25	12	15.96	16.06	16.1	16.7	0
10	64QAM	25	25	15.88	16.05	15.9		
10	64QAM	50	0	15.77	16.03	15.96		
10	256QAM	1	0	16.01	16.1	16.01		
10	256QAM	1	25	15.86	16	15.88	16.7	0
10	256QAM	1	49	16.01	15.96	15.97		
10	256QAM	25	0	15.89	16.13	15.95		
10	256QAM	25	12	15.99	16.03	16.05	16.7	0
10	256QAM	25	25	15.93	16.04	16.03		
10	256QAM	50	0	15.95	16.03	15.98		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.05	16.13	16.03		
5	QPSK	1	12	15.92	16.16	15.91	16.7	0
5	QPSK	1	24	16.06	16.01	16.07		
5	QPSK	12	0	15.95	16.12	16.04		
5	QPSK	12	7	16.05	16.12	16.09	16.7	0
5	QPSK	12	13	15.92	16.14	16.01		
5	QPSK	25	0	15.93	16.07	16.11		
5	16QAM	1	0	15.93	16.1	15.98		
5	16QAM	1	12	15.84	16.03	15.87	16.7	0
5	16QAM	1	24	16.02	15.89	15.98		
5	16QAM	12	0	15.86	16.01	16.03		
5	16QAM	12	7	15.93	16.03	16.1	16.7	0
5	16QAM	12	13	15.89	16.06	16		
5	16QAM	25	0	15.88	16.05	15.99		
5	64QAM	1	0	16	16.07	15.91		
5	64QAM	1	12	15.82	16.07	15.85	16.7	0
5	64QAM	1	24	16.11	15.94	16.01		
5	64QAM	12	0	15.88	15.98	16.07		
5	64QAM	12	7	15.87	16.04	16.11	16.7	0
5	64QAM	12	13	15.88	16	15.92		
5	64QAM	25	0	15.77	16.09	15.94		
5	256QAM	1	0	15.98	16.02	16.01		
5	256QAM	1	12	15.85	16.07	15.88	16.7	0
5	256QAM	1	24	16	15.88	15.96		
5	256QAM	12	0	15.89	16.14	16.02		
5	256QAM	12	7	15.98	15.98	16.06	16.7	0
5	256QAM	12	13	15.86	16.01	15.99		
5	256QAM	25	0	15.9	16	15.92		

Band 12 Ant0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.24	22.4	22.31		
10	QPSK	1	25	22.1	22.27	22.29	23.2	0
10	QPSK	1	49	22.11	22.18	22.27		
10	QPSK	25	0	22.17	22.29	22.19		
10	QPSK	25	12	22.18	22.28	22.27	23.2	0
10	QPSK	25	25	22.25	22.21	22.16		
10	QPSK	50	0	22.13	22.28	22.27		
10	16QAM	1	0	22.19	22.38	22.22		
10	16QAM	1	25	22	22.17	22.28	23.2	0
10	16QAM	1	49	22.07	22.1	22.2		
10	16QAM	25	0	22.08	22.19	22.14		
10	16QAM	25	12	22.1	22.18	22.24	23.2	0
10	16QAM	25	25	22.21	22.15	22.12		
10	16QAM	50	0	22.11	22.24	22.2		
10	64QAM	1	0	22.21	22.3	22.26		
10	64QAM	1	25	22.06	22.2	22.28	23.2	0
10	64QAM	1	49	22.08	22.07	22.21		
10	64QAM	25	0	21.71	21.94	21.85		
10	64QAM	25	12	21.61	21.79	21.84	22.7	0.5
10	64QAM	25	25	21.59	21.69	21.74		
10	64QAM	50	0	21.66	21.8	21.67		
10	256QAM	1	0	19.73	19.94	19.84		
10	256QAM	1	25	19.6	19.8	19.8	20.7	2.5
10	256QAM	1	49	19.62	19.66	19.73		
10	256QAM	25	0	19.63	19.77	19.64		
10	256QAM	25	12	19.66	19.78	19.81	20.7	2.5
10	256QAM	25	25	19.72	19.7	19.63		
10	256QAM	50	0	19.59	19.82	19.73		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.16	22.3	22.23		
5	QPSK	1	12	22.07	22.19	22.2	23.2	0
5	QPSK	1	24	22.08	22.08	22.22		
5	QPSK	12	0	22.07	22.22	22.17		
5	QPSK	12	7	22.07	22.25	22.19	23.2	0
5	QPSK	12	13	22.2	22.14	22.13		
5	QPSK	25	0	22.11	22.24	22.22		
5	16QAM	1	0	22.09	22.35	22.11		
5	16QAM	1	12	21.89	22.06	22.23	23.2	0
5	16QAM	1	24	22.01	22.06	22.12		
5	16QAM	12	0	21.98	22.16	22.12		
5	16QAM	12	7	22.07	22.1	22.13	23.2	0
5	16QAM	12	13	22.2	22.08	22.09		
5	16QAM	25	0	22.04	22.13	22.16		
5	64QAM	1	0	22.15	22.27	22.23		
5	64QAM	1	12	21.98	22.11	22.24	23.2	0
5	64QAM	1	24	21.97	21.99	22.11		
5	64QAM	12	0	21.65	21.86	21.84		
5	64QAM	12	7	21.55	21.74	21.78	22.7	0.5
5	64QAM	12	13	21.52	21.62	21.65		
5	64QAM	25	0	21.62	21.71	21.59		
5	256QAM	1	0	19.67	19.91	19.82		
5	256QAM	1	12	19.54	19.74	19.75	20.7	2.5
5	256QAM	1	24	19.59	19.64	19.64		
5	256QAM	12	0	19.58	19.73	19.63		
5	256QAM	12	7	19.6	19.73	19.72	20.7	2.5
5	256QAM	12	13	19.63	19.62	19.59		
5	256QAM	25	0	19.49	19.73	19.66		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.22	22.33	22.24		
3	QPSK	1	8	22.05	22.18	22.23	23.2	0
3	QPSK	1	14	22.03	22.09	22.2		
3	QPSK	8	0	22.13	22.2	22.18		
3	QPSK	8	4	22.08	22.21	22.2	23.2	0
3	QPSK	8	7	22.22	22.19	22.11		
3	QPSK	15	0	22.04	22.22	22.18		
3	16QAM	1	0	22.13	22.35	22.2		
3	16QAM	1	8	21.9	22.12	22.25	23.2	0
3	16QAM	1	14	22.06	22.05	22.14		
3	16QAM	8	0	22.02	22.15	22.04		
3	16QAM	8	4	22.02	22.11	22.16	23.2	0
3	16QAM	8	7	22.16	22.06	22.02		
3	16QAM	15	0	22.03	22.13	22.11		
3	64QAM	1	0	22.15	22.23	22.16		
3	64QAM	1	8	22.03	22.1	22.26	23.2	0
3	64QAM	1	14	22.02	22.05	22.18		
3	64QAM	8	0	21.61	21.91	21.81		
3	64QAM	8	4	21.58	21.78	21.75	22.7	0.5
3	64QAM	8	7	21.48	21.66	21.66		
3	64QAM	15	0	21.65	21.78	21.65		
3	256QAM	1	0	19.72	19.91	19.8		
3	256QAM	1	8	19.52	19.75	19.75	20.7	2.5
3	256QAM	1	14	19.55	19.61	19.65		
3	256QAM	8	0	19.57	19.75	19.62		
3	256QAM	8	4	19.55	19.68	19.76	20.7	2.5
3	256QAM	8	7	19.66	19.66	19.57		
3	256QAM	15	0	19.55	19.72	19.65		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.22	22.32	22.28		
1.4	QPSK	1	3	22.04	22.2	22.18		
1.4	QPSK	1	5	22.08	22.07	22.23	23.2	0
1.4	QPSK	3	0	22.12	22.22	22.11		
1.4	QPSK	3	1	22.12	22.17	22.2		
1.4	QPSK	3	3	22.17	22.11	22.11		
1.4	QPSK	6	0	22.12	22.27	22.24	23.2	0
1.4	16QAM	1	0	22.18	22.36	22.19		
1.4	16QAM	1	3	21.99	22.15	22.26		
1.4	16QAM	1	5	22.06	21.99	22.11	23.2	0
1.4	16QAM	3	0	22	22.13	22.06		
1.4	16QAM	3	1	22.09	22.11	22.14		
1.4	16QAM	3	3	22.11	22.08	22.08		
1.4	16QAM	6	0	22.05	22.2	22.19	23.2	0
1.4	64QAM	1	0	22.18	22.28	22.2		
1.4	64QAM	1	3	21.98	22.12	22.25		
1.4	64QAM	1	5	22.02	22.06	22.15	23.2	0
1.4	64QAM	3	0	21.63	21.9	21.79		
1.4	64QAM	3	1	21.51	21.75	21.82		
1.4	64QAM	3	3	21.56	21.58	21.68		
1.4	64QAM	6	0	21.6	21.69	21.6	22.7	0.5
1.4	256QAM	1	0	19.71	19.88	19.83		
1.4	256QAM	1	3	19.52	19.71	19.74		
1.4	256QAM	1	5	19.53	19.56	19.66	20.7	2.5
1.4	256QAM	3	0	19.54	19.68	19.59		
1.4	256QAM	3	1	19.64	19.68	19.74		
1.4	256QAM	3	3	19.66	19.64	19.56		
1.4	256QAM	6	0	19.54	19.72	19.71	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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.26	22.35	22.26	23.2	0
10	QPSK	1	25	22.28	22.18	22.28		
10	QPSK	1	49	22.16	22.3	22.21		
10	QPSK	25	0	22.16	22.32	22.25		
10	QPSK	25	12	22.26	22.3	22.27	23.2	0
10	QPSK	25	25	22.29	22.19	22.27		
10	QPSK	50	0	22.21	22.25	22.15		
10	16QAM	1	0	22.23	22.32	22.18		
10	16QAM	1	25	22.19	22.12	22.2	23.2	0
10	16QAM	1	49	22.09	22.2	22.17		
10	16QAM	25	0	22.14	22.31	22.2		
10	16QAM	25	12	22.16	22.23	22.21	23.2	0
10	16QAM	25	25	22.24	22.15	22.25		
10	16QAM	50	0	22.16	22.18	22.14		
10	64QAM	1	0	22.19	22.29	22.16		
10	64QAM	1	25	22.22	22.1	22.26	23.2	0
10	64QAM	1	49	22.11	22.27	22.14		
10	64QAM	25	0	21.8	21.8	21.78		
10	64QAM	25	12	21.76	21.65	21.74	22.7	0.5
10	64QAM	25	25	21.68	21.82	21.69		
10	64QAM	50	0	21.66	21.77	21.79		
10	256QAM	1	0	19.61	19.86	19.76		
10	256QAM	1	25	19.76	19.63	19.77	20.7	2.5
10	256QAM	1	49	19.61	19.81	19.68		
10	256QAM	25	0	19.61	19.77	19.73		
10	256QAM	25	12	19.81	19.82	19.81	20.7	2.5
10	256QAM	25	25	19.78	19.7	19.82		
10	256QAM	50	0	19.72	19.74	19.63		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.16	22.32	22.19	23.2	0
5	QPSK	1	12	22.2	22.14	22.22		
5	QPSK	1	24	22.09	22.2	22.19		
5	QPSK	12	0	22.05	22.22	22.23	23.2	0
5	QPSK	12	7	22.23	22.19	22.21		
5	QPSK	12	13	22.23	22.08	22.17		
5	QPSK	25	0	22.17	22.15	22.13		
5	16QAM	1	0	22.19	22.3	22.13		
5	16QAM	1	12	22.1	22.08	22.17	23.2	0
5	16QAM	1	24	22.06	22.15	22.07		
5	16QAM	12	0	22.06	22.24	22.15		
5	16QAM	12	7	22.05	22.13	22.1	23.2	0
5	16QAM	12	13	22.15	22.07	22.23		
5	16QAM	25	0	22.08	22.08	22.03		
5	64QAM	1	0	22.17	22.24	22.1		
5	64QAM	1	12	22.18	22.05	22.22	23.2	0
5	64QAM	1	24	22.05	22.22	22.11		
5	64QAM	12	0	21.76	21.72	21.7		
5	64QAM	12	7	21.72	21.6	21.67	22.7	0.5
5	64QAM	12	13	21.66	21.72	21.58		
5	64QAM	25	0	21.58	21.68	21.7		
5	256QAM	1	0	19.72	19.82	19.67		
5	256QAM	1	12	19.67	19.53	19.74	20.7	2.5
5	256QAM	1	24	19.51	19.7	19.64		
5	256QAM	12	0	19.51	19.69	19.65		
5	256QAM	12	7	19.78	19.75	19.78	20.7	2.5
5	256QAM	12	13	19.73	19.66	19.72		
5	256QAM	25	0	19.64	19.65	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.16	21.39	21.31	22.2	0
15	QPSK	1	37	21.15	21.3	21.24		
15	QPSK	1	74	21.24	21.37	21.22		
15	QPSK	36	0	21.24	21.35	21.31		
15	QPSK	36	20	21.14	21.33	21.2	22.2	0
15	QPSK	36	39	21.32	21.23	21.32		
15	QPSK	75	0	21.12	21.38	21.25		
15	16QAM	1	0	21.09	21.32	21.3		
15	16QAM	1	37	21.1	21.27	21.18	22.2	0
15	16QAM	1	74	21.2	21.33	21.2		
15	16QAM	36	0	21.23	21.34	21.28		
15	16QAM	36	20	21.11	21.27	21.12	22.2	0
15	16QAM	36	39	21.24	21.17	21.21		
15	16QAM	75	0	21.13	21.36	21.21		
15	64QAM	1	0	21.14	21.33	21.26		
15	64QAM	1	37	21.04	21.2	21.15	22.2	0
15	64QAM	1	74	21.2	21.31	21.16		
15	64QAM	36	0	21.15	21.3	21.21		
15	64QAM	36	20	21.09	21.28	21.1	22.2	0
15	64QAM	36	39	21.29	21.21	21.21		
15	64QAM	75	0	21.12	21.35	21.22		
15	256QAM	1	0	19.67	19.91	19.77		
15	256QAM	1	37	19.65	19.75	19.71	20.7	1.5
15	256QAM	1	74	19.76	19.83	19.73		
15	256QAM	36	0	19.76	19.85	19.81		
15	256QAM	36	20	19.67	19.79	19.67	20.7	1.5
15	256QAM	36	39	19.82	19.77	19.84		
15	256QAM	75	0	19.73	19.92	19.78		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.14	21.35	21.24	22.2	0
10	QPSK	1	25	21.09	21.22	21.22		
10	QPSK	1	49	21.24	21.28	21.16		
10	QPSK	25	0	21.2	21.25	21.28		
10	QPSK	25	12	21.09	21.26	21.17		
10	QPSK	25	25	21.22	21.22	21.22		
10	QPSK	50	0	21.16	21.29	21.16		
10	16QAM	1	0	21.02	21.29	21.27		
10	16QAM	1	25	21.07	21.23	21.14	22.2	0
10	16QAM	1	49	21.13	21.26	21.09		
10	16QAM	25	0	21.19	21.3	21.17		
10	16QAM	25	12	21.08	21.22	21.09	22.2	0
10	16QAM	25	25	21.22	21.07	21.19		
10	16QAM	50	0	21.04	21.26	21.17		
10	64QAM	1	0	21.07	21.32	21.16		
10	64QAM	1	25	20.99	21.11	21.07	22.2	0
10	64QAM	1	49	21.12	21.27	21.09		
10	64QAM	25	0	21.12	21.23	21.1		
10	64QAM	25	12	21	21.25	21.03	22.2	0
10	64QAM	25	25	21.24	21.17	21.14		
10	64QAM	50	0	21.08	21.33	21.17		
10	256QAM	1	0	19.62	19.84	19.71		
10	256QAM	1	25	19.58	19.71	19.68	20.7	1.5
10	256QAM	1	49	19.67	19.76	19.67		
10	256QAM	25	0	19.68	19.76	19.74		
10	256QAM	25	12	19.65	19.71	19.6	20.7	1.5
10	256QAM	25	25	19.8	19.67	19.83		
10	256QAM	50	0	19.63	19.88	19.76		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.12	21.31	21.22	22.2	0
5	QPSK	1	12	21.13	21.23	21.21		
5	QPSK	1	24	21.16	21.29	21.2		
5	QPSK	12	0	21.14	21.33	21.23	22.2	0
5	QPSK	12	7	21.05	21.31	21.15		
5	QPSK	12	13	21.27	21.14	21.28		
5	QPSK	25	0	21.13	21.33	21.15		
5	16QAM	1	0	21.05	21.23	21.24		
5	16QAM	1	12	21.01	21.23	21.15	22.2	0
5	16QAM	1	24	21.1	21.26	21.11		
5	16QAM	12	0	21.13	21.27	21.23	22.2	0
5	16QAM	12	7	21	21.18	21.1		
5	16QAM	12	13	21.2	21.09	21.14		
5	16QAM	25	0	21.05	21.31	21.14		
5	64QAM	1	0	21.12	21.31	21.21		
5	64QAM	1	12	21.02	21.17	21.08	22.2	0
5	64QAM	1	24	21.1	21.24	21.09		
5	64QAM	12	0	21.11	21.24	21.1		
5	64QAM	12	7	21.01	21.17	21.02	22.2	0
5	64QAM	12	13	21.22	21.11	21.12		
5	64QAM	25	0	21.04	21.34	21.19		
5	256QAM	1	0	19.65	19.9	19.72		
5	256QAM	1	12	19.64	19.66	19.68	20.7	1.5
5	256QAM	1	24	19.7	19.82	19.68		
5	256QAM	12	0	19.67	19.82	19.8		
5	256QAM	12	7	19.59	19.72	19.61	20.7	1.5
5	256QAM	12	13	19.76	19.75	19.74		
5	256QAM	25	0	19.7	19.84	19.7		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.08	21.31	21.24	22.2	0
3	QPSK	1	8	21.14	21.24	21.2		
3	QPSK	1	14	21.17	21.27	21.19		
3	QPSK	8	0	21.17	21.33	21.26	22.2	0
3	QPSK	8	4	21.09	21.29	21.13		
3	QPSK	8	7	21.26	21.17	21.28		
3	QPSK	15	0	21.09	21.37	21.21		
3	16QAM	1	0	20.99	21.24	21.21	22.2	0
3	16QAM	1	8	21	21.17	21.13		
3	16QAM	1	14	21.16	21.26	21.13		
3	16QAM	8	0	21.16	21.29	21.22	22.2	0
3	16QAM	8	4	21.05	21.26	21.04		
3	16QAM	8	7	21.19	21.16	21.17		
3	16QAM	15	0	21.12	21.27	21.13		
3	64QAM	1	0	21.06	21.27	21.22	22.2	0
3	64QAM	1	8	21	21.12	21.11		
3	64QAM	1	14	21.19	21.21	21.06		
3	64QAM	8	0	21.14	21.26	21.16	22.2	0
3	64QAM	8	4	21.08	21.17	21.03		
3	64QAM	8	7	21.21	21.11	21.12		
3	64QAM	15	0	21.06	21.32	21.13		
3	256QAM	1	0	19.57	19.82	19.7	20.7	1.5
3	256QAM	1	8	19.61	19.66	19.69		
3	256QAM	1	14	19.74	19.8	19.67		
3	256QAM	8	0	19.67	19.75	19.72	20.7	1.5
3	256QAM	8	4	19.64	19.7	19.66		
3	256QAM	8	7	19.73	19.67	19.81		
3	256QAM	15	0	19.62	19.86	19.68		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.15	21.32	21.2	22.2	0
1.4	QPSK	1	3	21.05	21.26	21.17		
1.4	QPSK	1	5	21.19	21.26	21.21		
1.4	QPSK	3	0	21.2	21.26	21.2		
1.4	QPSK	3	1	21.07	21.24	21.14		
1.4	QPSK	3	3	21.3	21.2	21.29		
1.4	QPSK	6	0	21.12	21.35	21.16	22.2	0
1.4	16QAM	1	0	20.98	21.25	21.2	22.2	0
1.4	16QAM	1	3	20.99	21.22	21.12		
1.4	16QAM	1	5	21.13	21.3	21.09		
1.4	16QAM	3	0	21.14	21.28	21.27		
1.4	16QAM	3	1	21.02	21.2	21.03		
1.4	16QAM	3	3	21.22	21.13	21.16		
1.4	16QAM	6	0	21.09	21.28	21.17	22.2	0
1.4	64QAM	1	0	21.07	21.3	21.2	22.2	0
1.4	64QAM	1	3	21	21.15	21.12		
1.4	64QAM	1	5	21.17	21.24	21.13		
1.4	64QAM	3	0	21.11	21.23	21.11		
1.4	64QAM	3	1	21.05	21.17	21.07		
1.4	64QAM	3	3	21.19	21.15	21.18		
1.4	64QAM	6	0	21.05	21.33	21.21	22.2	0
1.4	256QAM	1	0	19.61	19.83	19.73	20.7	1.5
1.4	256QAM	1	3	19.64	19.7	19.6		
1.4	256QAM	1	5	19.75	19.81	19.72		
1.4	256QAM	3	0	19.71	19.78	19.71		
1.4	256QAM	3	1	19.57	19.7	19.6		
1.4	256QAM	3	3	19.76	19.72	19.79		
1.4	256QAM	6	0	19.67	19.84	19.69	20.7	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	10.28	10.59	10.49	12	0
20	QPSK	1	49	10.4	10.44	10.33		
20	QPSK	1	99	10.48	10.51	10.29		
20	QPSK	50	0	10.45	10.55	10.37		
20	QPSK	50	24	10.5	10.52	10.46		
20	QPSK	50	50	10.35	10.49	10.4		
20	QPSK	100	0	10.5	10.51	10.31		
20	16QAM	1	0	10.24	10.49	10.47		
20	16QAM	1	49	10.39	10.33	10.22	12	0
20	16QAM	1	99	10.44	10.44	10.24		
20	16QAM	50	0	10.37	10.45	10.35		
20	16QAM	50	24	10.49	10.46	10.42	12	0
20	16QAM	50	50	10.25	10.43	10.36		
20	16QAM	100	0	10.45	10.42	10.27		
20	64QAM	1	0	10.19	10.56	10.39		
20	64QAM	1	49	10.35	10.41	10.23	12	0
20	64QAM	1	99	10.4	10.44	10.22		
20	64QAM	50	0	10.41	10.46	10.3		
20	64QAM	50	24	10.41	10.46	10.36	12	0
20	64QAM	50	50	10.32	10.43	10.33		
20	64QAM	100	0	10.45	10.44	10.22		
20	256QAM	1	0	10.2	10.5	10.46		
20	256QAM	1	49	10.38	10.39	10.24	12	0
20	256QAM	1	99	10.37	10.44	10.19		
20	256QAM	50	0	10.41	10.53	10.34		
20	256QAM	50	24	10.44	10.49	10.38	12	0
20	256QAM	50	50	10.27	10.36	10.31		
20	256QAM	100	0	10.45	10.49	10.26		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	10.24	10.53	10.42	12	0
15	QPSK	1	37	10.33	10.33	10.29		
15	QPSK	1	74	10.47	10.44	10.21		
15	QPSK	36	0	10.38	10.53	10.32		
15	QPSK	36	20	10.43	10.43	10.37		
15	QPSK	36	39	10.28	10.41	10.31		
15	QPSK	75	0	10.48	10.41	10.23		
15	16QAM	1	0	10.18	10.45	10.44		
15	16QAM	1	37	10.33	10.26	10.2	12	0
15	16QAM	1	74	10.38	10.36	10.18		
15	16QAM	36	0	10.29	10.35	10.29		
15	16QAM	36	20	10.46	10.42	10.32	12	0
15	16QAM	36	39	10.21	10.41	10.29		
15	16QAM	75	0	10.39	10.4	10.17		
15	64QAM	1	0	10.12	10.52	10.29		
15	64QAM	1	37	10.3	10.33	10.19	12	0
15	64QAM	1	74	10.37	10.35	10.18		
15	64QAM	36	0	10.36	10.42	10.21		
15	64QAM	36	20	10.33	10.4	10.28	12	0
15	64QAM	36	39	10.22	10.33	10.31		
15	64QAM	75	0	10.35	10.35	10.17		
15	256QAM	1	0	10.11	10.48	10.4		
15	256QAM	1	37	10.29	10.32	10.16	12	0
15	256QAM	1	74	10.34	10.37	10.17		
15	256QAM	36	0	10.39	10.46	10.28		
15	256QAM	36	20	10.43	10.39	10.33	12	0
15	256QAM	36	39	10.17	10.27	10.21		
15	256QAM	75	0	10.38	10.42	10.24		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	10.18	10.52	10.44	12	0
10	QPSK	1	25	10.35	10.38	10.24		
10	QPSK	1	49	10.43	10.49	10.18		
10	QPSK	25	0	10.41	10.54	10.27		
10	QPSK	25	12	10.48	10.42	10.44	12	0
10	QPSK	25	25	10.32	10.46	10.36		
10	QPSK	50	0	10.44	10.46	10.23		
10	16QAM	1	0	10.18	10.43	10.4		
10	16QAM	1	25	10.29	10.27	10.14	12	0
10	16QAM	1	49	10.41	10.34	10.18		
10	16QAM	25	0	10.33	10.42	10.3		
10	16QAM	25	12	10.38	10.43	10.32	12	0
10	16QAM	25	25	10.15	10.37	10.3		
10	16QAM	50	0	10.41	10.39	10.23		
10	64QAM	1	0	10.18	10.45	10.33		
10	64QAM	1	25	10.25	10.37	10.13	12	0
10	64QAM	1	49	10.37	10.39	10.13		
10	64QAM	25	0	10.36	10.38	10.28		
10	64QAM	25	12	10.39	10.37	10.33	12	0
10	64QAM	25	25	10.22	10.38	10.22		
10	64QAM	50	0	10.37	10.36	10.16		
10	256QAM	1	0	10.16	10.4	10.42		
10	256QAM	1	25	10.3	10.28	10.19	12	0
10	256QAM	1	49	10.35	10.39	10.13		
10	256QAM	25	0	10.39	10.43	10.28		
10	256QAM	25	12	10.34	10.34	10.27	12	0
10	256QAM	25	25	10.25	10.34	10.21		
10	256QAM	50	0	10.37	10.45	10.22		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	10.19	10.53	10.4	12	0
5	QPSK	1	12	10.35	10.41	10.24		
5	QPSK	1	24	10.47	10.49	10.19		
5	QPSK	12	0	10.41	10.49	10.32		
5	QPSK	12	7	10.43	10.46	10.4	12	0
5	QPSK	12	13	10.31	10.38	10.33		
5	QPSK	25	0	10.46	10.47	10.25		
5	16QAM	1	0	10.13	10.42	10.42		
5	16QAM	1	12	10.35	10.3	10.15	12	0
5	16QAM	1	24	10.41	10.35	10.22		
5	16QAM	12	0	10.32	10.35	10.3		
5	16QAM	12	7	10.47	10.38	10.38	12	0
5	16QAM	12	13	10.2	10.34	10.32		
5	16QAM	25	0	10.41	10.37	10.25		
5	64QAM	1	0	10.17	10.55	10.32		
5	64QAM	1	12	10.33	10.32	10.2	12	0
5	64QAM	1	24	10.32	10.39	10.2		
5	64QAM	12	0	10.37	10.39	10.24		
5	64QAM	12	7	10.39	10.4	10.34	12	0
5	64QAM	12	13	10.29	10.33	10.23		
5	64QAM	25	0	10.35	10.37	10.12		
5	256QAM	1	0	10.1	10.48	10.41		
5	256QAM	1	12	10.33	10.35	10.18	12	0
5	256QAM	1	24	10.3	10.35	10.17		
5	256QAM	12	0	10.32	10.44	10.29		
5	256QAM	12	7	10.41	10.47	10.35	12	0
5	256QAM	12	13	10.18	10.32	10.26		
5	256QAM	25	0	10.4	10.38	10.17		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	10.18	10.52	10.47	12	0
3	QPSK	1	8	10.35	10.34	10.28		
3	QPSK	1	14	10.39	10.49	10.24		
3	QPSK	8	0	10.4	10.5	10.32		
3	QPSK	8	4	10.48	10.48	10.38	12	0
3	QPSK	8	7	10.31	10.4	10.3		
3	QPSK	15	0	10.42	10.41	10.29		
3	16QAM	1	0	10.13	10.41	10.42		
3	16QAM	1	8	10.36	10.24	10.14	12	0
3	16QAM	1	14	10.37	10.34	10.16		
3	16QAM	8	0	10.27	10.37	10.32		
3	16QAM	8	4	10.43	10.37	10.32	12	0
3	16QAM	8	7	10.19	10.42	10.32		
3	16QAM	15	0	10.42	10.38	10.21		
3	64QAM	1	0	10.11	10.5	10.36		
3	64QAM	1	8	10.33	10.37	10.17	12	0
3	64QAM	1	14	10.33	10.41	10.13		
3	64QAM	8	0	10.39	10.41	10.22		
3	64QAM	8	4	10.33	10.41	10.3	12	0
3	64QAM	8	7	10.24	10.37	10.29		
3	64QAM	15	0	10.42	10.35	10.2		
3	256QAM	1	0	10.16	10.49	10.37		
3	256QAM	1	8	10.27	10.29	10.16	12	0
3	256QAM	1	14	10.29	10.39	10.09		
3	256QAM	8	0	10.37	10.43	10.26		
3	256QAM	8	4	10.42	10.41	10.34	12	0
3	256QAM	8	7	10.22	10.31	10.22		
3	256QAM	15	0	10.37	10.42	10.25		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	10.18	10.52	10.44	12	0
1.4	QPSK	1	3	10.3	10.34	10.25		
1.4	QPSK	1	5	10.43	10.41	10.2		
1.4	QPSK	3	0	10.37	10.49	10.29		
1.4	QPSK	3	1	10.47	10.47	10.36		
1.4	QPSK	3	3	10.34	10.46	10.31		
1.4	QPSK	6	0	10.42	10.46	10.24	12	0
1.4	16QAM	1	0	10.21	10.47	10.43	12	0
1.4	16QAM	1	3	10.3	10.31	10.14		
1.4	16QAM	1	5	10.42	10.38	10.19		
1.4	16QAM	3	0	10.29	10.36	10.28		
1.4	16QAM	3	1	10.42	10.41	10.38		
1.4	16QAM	3	3	10.14

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	19.18	19.24	19.14	19.7	0
20	QPSK	1	49	19.20	19.18	19.06		
20	QPSK	1	99	19.20	19.16	19.13		
20	QPSK	50	0	19.09	19.25	19.18	19.7	0
20	QPSK	50	24	19.07	19.22	19.21		
20	QPSK	50	50	19.13	19.10	19.13		
20	QPSK	100	0	19.11	19.16	19.05		
20	16QAM	1	0	19.13	19.31	19.10	19.7	0
20	16QAM	1	49	19.12	19.17	19.03		
20	16QAM	1	99	19.14	19.11	19.06		
20	16QAM	50	0	19.04	19.24	19.12	19.7	0
20	16QAM	50	24	18.97	19.17	19.11		
20	16QAM	50	50	19.08	19.06	19.12		
20	16QAM	100	0	19.05	19.14	18.94		
20	64QAM	1	0	19.09	19.26	19.10	19.7	0
20	64QAM	1	49	19.11	19.13	18.96		
20	64QAM	1	99	19.11	19.06	19.04		
20	64QAM	50	0	19.06	19.20	19.14	19.7	0
20	64QAM	50	24	19.03	19.13	19.18		
20	64QAM	50	50	19.10	19.07	19.05		
20	64QAM	100	0	19.01	19.11	18.99		
20	256QAM	1	0	19.08	19.26	19.08	19.7	0
20	256QAM	1	49	19.13	19.09	19.01		
20	256QAM	1	99	19.16	19.15	19.09		
20	256QAM	50	0	18.98	19.22	19.12	19.7	0
20	256QAM	50	24	19.00	19.17	19.11		
20	256QAM	50	50	19.04	19.06	19.08		
20	256QAM	100	0	19.08	19.14	19.02		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	19.12	19.29	19.04	19.7	0
15	QPSK	1	37	19.16	19.14	19.04		
15	QPSK	1	74	19.14	19.12	19.06		
15	QPSK	36	0	19.08	19.22	19.15	19.7	0
15	QPSK	36	20	19.06	19.21	19.19		
15	QPSK	36	39	19.04	19.05	19.11		
15	QPSK	75	0	19.07	19.10	19.01		
15	16QAM	1	0	19.08	19.21	19.04	19.7	0
15	16QAM	1	37	19.06	19.08	18.99		
15	16QAM	1	74	19.07	19.09	19.02		
15	16QAM	36	0	19.03	19.16	19.02	19.7	0
15	16QAM	36	20	18.92	19.15	19.06		
15	16QAM	36	39	19.06	18.99	19.11		
15	16QAM	75	0	18.98	19.06	18.84		
15	64QAM	1	0	19.01	19.23	19.06	19.7	0
15	64QAM	1	37	19.07	19.08	18.90		
15	64QAM	1	74	19.08	19.01	18.99		
15	64QAM	36	0	18.99	19.11	19.03	19.7	0
15	64QAM	36	20	19.01	19.09	19.14		
15	64QAM	36	39	19.07	19.05	19.01		
15	64QAM	75	0	18.96	19.09	18.91		
15	256QAM	1	0	19.02	19.15	18.97	19.7	0
15	256QAM	1	37	19.05	19.06	19.00		
15	256QAM	1	74	19.13	19.13	18.98		
15	256QAM	36	0	18.96	19.12	19.02	19.7	0
15	256QAM	36	20	18.89	19.08	19.07		
15	256QAM	36	39	19.02	19.01	19.04		
15	256QAM	75	0	18.99	19.08	18.97		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	19.09	19.32	19.12	19.7	0
10	QPSK	1	25	19.15	19.15	19.03		
10	QPSK	1	49	19.12	19.09	19.09		
10	QPSK	25	0	19.01	19.18	19.09	19.7	0
10	QPSK	25	12	19.05	19.16	19.10		
10	QPSK	25	25	19.03	19.07	19.04		
10	QPSK	50	0	19.04	19.06	18.95		
10	16QAM	1	0	19.11	19.20	19.06	19.7	0
10	16QAM	1	25	19.04	19.15	18.98		
10	16QAM	1	49	19.06	19.01	19.04		
10	16QAM	25	0	19.00	19.16	19.11	19.7	0
10	16QAM	25	12	18.95	19.16	19.07		
10	16QAM	25	25	19.06	19.00	19.08		
10	16QAM	50	0	19.01	19.04	18.85		
10	64QAM	1	0	19.06	19.25	19.05	19.7	0
10	64QAM	1	25	19.06	19.09	18.86		
10	64QAM	1	49	19.08	19.02	18.98		
10	64QAM	25	0	18.95	19.11	19.12	19.7	0
10	64QAM	25	12	18.96	19.08	19.13		
10	64QAM	25	25	19.07	19.04	18.97		
10	64QAM	50	0	18.94	19.02	18.92		
10	256QAM	1	0	19.01	19.23	18.99	19.7	0
10	256QAM	1	25	19.03	19.03	18.94		
10	256QAM	1	49	19.15	19.05	19.05		
10	256QAM	25	0	18.93	19.17	19.04	19.7	0
10	256QAM	25	12	18.93	19.07	19.00		
10	256QAM	25	25	18.94	18.98	19.01		
10	256QAM	50	0	19.03	19.10	19.01		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	19.13	19.27	19.07	19.7	0
5	QPSK	1	12	19.12	19.10	19.02		
5	QPSK	1	24	19.11	19.10	19.08		
5	QPSK	12	0	19.01	19.21	19.15	19.7	0
5	QPSK	12	7	19.01	19.16	19.12		
5	QPSK	12	13	19.04	19.08	19.11		
5	QPSK	25	0	19.02	19.14	19.02	19.7	0
5	16QAM	1	0	19.03	19.24	19.01		
5	16QAM	1	12	19.03	19.13	18.95		
5	16QAM	1	24	19.08	19.08	19.00		
5	16QAM	12	0	19.00	19.18	19.09	19.7	0
5	16QAM	12	7	18.93	19.16	19.02		
5	16QAM	12	13	19.03	19.03	19.07		
5	16QAM	25	0	19.02	19.12	18.87		
5	64QAM	1	0	19.08	19.18	19.06	19.7	0
5	64QAM	1	12	19.01	19.05	18.88		
5	64QAM	1	24	19.07	19.02	18.98		
5	64QAM	12	0	18.97	19.11	19.05	19.7	0
5	64QAM	12	7	19.02	19.08	19.15		
5	64QAM	12	13	19.01	19.00	18.95		
5	64QAM	25	0	18.95	19.03	18.97		
5	256QAM	1	0	19.05	19.16	19.06	19.7	0
5	256QAM	1	12	19.04	19.03	18.93		
5	256QAM	1	24	19.06	19.12	19.01		
5	256QAM	12	0	18.89	19.14	19.07	19.7	0
5	256QAM	12	7	18.94	19.06	19.03		
5	256QAM	12	13	19.00	19.03	19.00		
5	256QAM	25	0	19.04	19.06	18.98		

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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	2540.5	2593	2638.5	2680		
20	QPSK	1	0	18.78	18.72	18.89	18.74	18.78	19.2	0
20	QPSK	1	49	18.69	18.68	18.71	18.81	18.75		
20	QPSK	1	99	18.72	18.69	18.83	18.67	18.72		
20	QPSK	50	0	18.66	18.75	18.87	18.65	18.62		
20	QPSK	50	24	18.75	18.74	18.86	18.64	18.63	19.2	0
20	QPSK	50	50	18.66	18.70	18.85	18.73	18.61		
20	QPSK	100	0	18.67	18.67	18.87	18.75	18.75		
20	16QAM	1	0	18.70	18.71	18.87	18.64	18.73	19.2	0
20	16QAM	1	49	18.65	18.63	18.69	18.71	18.73		
20	16QAM	1	99	18.61	18.67	18.73	18.61	18.65		
20	16QAM	50	0	18.55	18.64	18.81	18.58	18.55	19.2	0
20	16QAM	50	24	18.71	18.66	18.83	18.55	18.54		
20	16QAM	50	50	18.62	18.65	18.74	18.70	18.56		
20	16QAM	100	0	18.60	18.60	18.79	18.68	18.71		
20	64QAM	1	0	18.75	18.64	18.86	18.65	18.73	19.2	0
20	64QAM	1	49	18.63	18.57	18.66	18.70	18.66		
20	64QAM	1	99	18.62	18.63	18.77	18.65	18.69		
20	64QAM	50	0	18.60	18.74	18.80	18.55	18.60	19.2	0
20	64QAM	50	24	18.70	18.72	18.78	18.53	18.53		
20	64QAM	50	50	18.63	18.59	18.75	18.71	18.52		
20	64QAM	100	0	18.65	18.56	18.79	18.67	18.71		
20	256QAM	1	0	18.75	18.62	18.79	18.72	18.69	19.2	0
20	256QAM	1	49	18.67	18.60	18.62	18.72	18.73		
20	256QAM	1	99	18.61	18.67	18.82	18.57	18.70		
20	256QAM	50	0	18.61	18.69	18.84	18.60	18.61	19.2	0
20	256QAM	50	24	18.68	18.72	18.78	18.63	18.53		
20	256QAM	50	50	18.60	18.66	18.81	18.70	18.56		
20	256QAM	100	0	18.63	18.60	18.80	18.70	18.73		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.68	18.63	18.81	18.71	18.77	19	0
15	QPSK	1	37	18.68	18.63	18.64	18.78	18.71		
15	QPSK	1	74	18.62	18.67	18.79	18.57	18.63		
15	QPSK	36	0	18.56	18.70	18.81	18.57	18.52	19.2	0
15	QPSK	36	20	18.69	18.70	18.76	18.54	18.52		
15	QPSK	36	39	18.63	18.65	18.81	18.72	18.58		
15	QPSK	75	0	18.60	18.61	18.81	18.72	18.70		
15	16QAM	1	0	18.67	18.66	18.77	18.59	18.70	19.2	0
15	16QAM	1	37	18.57	18.56	18.68	18.69	18.70		
15	16QAM	1	74	18.59	18.57	18.71	18.54	18.55		
15	16QAM	36	0	18.44	18.57	18.76	18.47	18.45	19.2	0
15	16QAM	36	20	18.69	18.58	18.81	18.52	18.51		
15	16QAM	36	39	18.52	18.63	18.72	18.61	18.52		
15	16QAM	75	0	18.53	18.57	18.74	18.62	18.61		
15	64QAM	1	0	18.73	18.57	18.83	18.55	18.66	19.2	0
15	64QAM	1	37	18.60	18.50	18.59	18.67	18.64		
15	64QAM	1	74	18.61	18.58	18.71	18.55	18.62		
15	64QAM	36	0	18.52	18.71	18.78	18.51	18.53	19.2	0
15	64QAM	36	20	18.67	18.69	18.75	18.44	18.46		
15	64QAM	36	39	18.56	18.53	18.67	18.66	18.44		
15	64QAM	75	0	18.55	18.47	18.71	18.58	18.70		
15	256QAM	1	0	18.71	18.61	18.69	18.66	18.61	19.2	0
15	256QAM	1	37	18.58	18.50	18.53	18.70	18.71		
15	256QAM	1	74	18.57	18.60	18.80	18.47	18.68		
15	256QAM	36	0	18.58	18.67	18.80	18.56	18.56	19.2	0
15	256QAM	36	20	18.63	18.65	18.70	18.53	18.43		
15	256QAM	36	39	18.57	18.61	18.73	18.61	18.48		
15	256QAM	75	0	18.57	18.54	18.74	18.64	18.63		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.73	18.64	18.87	18.65	18.77	19	0
10	QPSK	1	25	18.60	18.66	18.62	18.70	18.70		
10	QPSK	1	49	18.68	18.67	18.78	18.57	18.67		
10	QPSK	25	0	18.58	18.74	18.81	18.57	18.59	19.2	0
10	QPSK	25	12	18.72	18.64	18.83	18.56	18.54		
10	QPSK	25	25	18.58	18.64	18.75	18.68	18.58		
10	QPSK	50	0	18.61	18.65	18.79	18.72	18.73		
10	16QAM	1	0	18.68	18.61	18.81	18.61	18.64	19.2	0
10	16QAM	1	25	18.60	18.60	18.68	18.68	18.66		
10	16QAM	1	49	18.51	18.61	18.66	18.58	18.56		
10	16QAM	25	0	18.49	18.55	18.80	18.53	18.44	19.2	0
10	16QAM	25	12	18.63	18.58	18.76	18.51	18.50		
10	16QAM	25	25	18.54	18.60	18.71	18.63	18.48		
10	16QAM	50	0	18.53	18.59	18.68	18.61	18.66		
10	64QAM	1	0	18.67	18.55	18.78	18.58	18.71	19.2	0
10	64QAM	1	25	18.53	18.51	18.59	18.64	18.59		
10	64QAM	1	49	18.52	18.57	18.68	18.60	18.61		
10	64QAM	25	0	18.53	18.71	18.77	18.49	18.53	19.2	0
10	64QAM	25	12	18.65	18.63	18.71	18.43	18.42		
10	64QAM	25	25	18.58	18.54	18.74	18.64	18.43		
10	64QAM	50	0	18.55	18.54	18.75	18.57	18.68		
10	256QAM	1	0	18.70	18.55	18.74	18.70	18.60	19.2	0
10	256QAM	1	25	18.63	18.55	18.60	18.67	18.63		
10	256QAM	1	49	18.52	18.64	18.80	18.52	18.66		
10	256QAM	25	0	18.59	18.60	18.77	18.51	18.57	19.2	0
10	256QAM	25	12	18.66	18.66	18.67	18.57	18.48		
10	256QAM	25	25	18.53	18.58	18.71	18.63	18.52		
10	256QAM	50	0	18.55	18.55	18.71	18.62	18.71		
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	18.71	18.66	18.78	18.65	18.76	19	0
5	QPSK	1	12	18.67	18.63	18.63	18.76	18.68		
5	QPSK	1	24	18.65	18.68	18.79	18.65	18.67		
5	QPSK	12	0	18.61	18.74	18.78	18.64	18.54	19.2	0
5	QPSK	12	7	18.70	18.63	18.75	18.54	18.58		
5	QPSK	12	13	18.63	18.68	18.77	18.68	18.53		
5	QPSK	25	0	18.59	18.61	18.77	18.64	18.72		
5	16QAM	1	0	18.66	18.61	18.79	18.56	18.66	19.2	0
5	16QAM	1	12	18.62	18.55	18.63	18.66	18.64		
5	16QAM	1	24	18.53	18.64	18.67	18.57	18.62		
5	16QAM	12	0	18.49	18.54	18.75	18.49	18.52	19.2	0
5	16QAM	12	7	18.61	18.61	18.76	18.44	18.52		
5	16QAM	12	13	18.52	18.58	18.69	18.61	18.49		
5	16QAM	25	0	18.55	18.54	18.74	18.59	18.64		
5	64QAM	1	0	18.71	18.62	18.79	18.60	18.66	19.2	0
5	64QAM	1	12	18.60	18.47	18.57	18.60	18.56		
5	64QAM	1	24	18.54	18.53	18.71	18.57	18.67		
5	64QAM	12	0	18.52	18.64	18.75	18.49	18.55	19.2	0
5	64QAM	12	7	18.60	18.64	18.70	18.42	18.49		
5	64QAM	12	13	18.60	18.56	18.67	18.61	18.45		
5	64QAM	25	0	18.55	18.55	18.73	18.62	18.61		
5	256QAM	1	0	18.73	18.54	18.69	18.63	18.68	19.2	0
5	256QAM	1	12	18.63	18.58	18.60	18.68	18.66		
5	256QAM	1	24	18.52	18.63	18.77	18.51	18.66		
5	256QAM	12	0	18.54	18.68	18.73	18.54	18.51	19.2	0
5	256QAM	12	7	18.60	18.62	18.69	18.62	18.51		
5	256QAM	12	13	18.58	18.58	18.76	18.60	18.49		
5	256QAM	25	0	18.60	18.50	18.73	18.67	18.70		

GSM850 Ant1 DSI4

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	29.78	29.72	29.74	31.00	20.78	20.72	20.74	22.00
GPRS 1 Tx slot	29.47	29.71	29.59	31.00	20.47	20.71	20.59	22.00
GPRS 2 Tx slots	26.87	26.89	26.82	28.00	20.87	20.89	20.82	22.00
GPRS 3 Tx slots	25.02	25.00	25.01	26.20	20.76	20.74	20.75	21.94
GPRS 4 Tx slots	23.81	23.84	23.78	25.00	20.81	20.84	20.78	22.00
EDGE 1 Tx slot	27.37	27.39	27.35	28.00	18.37	18.39	18.35	19.00
EDGE 2 Tx slots	24.40	24.49	24.44	25.00	18.40	18.49	18.44	19.00
EDGE 3 Tx slots	22.77	22.79	22.77	23.20	18.51	18.53	18.51	18.94
EDGE 4 Tx slots	21.76	21.81	21.76	22.00	18.76	18.81	18.76	19.00

		WCDMA V Ant1 DSI4				WCDMA IV Ant1 DSI4			
Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.8	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.21	20.32	20.17	21.50	16.75	16.79	16.68	18.50
3GPP Rel 99	RMC 12.2Kbps	20.30	20.44	20.29	21.50	16.83	16.90	16.73	18.50
3GPP Rel 6	HSDPA Subtest-1	19.12	19.44	19.05	20.50	15.53	15.87	15.60	17.50
3GPP Rel 6	HSDPA Subtest-2	19.08	19.24	19.25	20.50	15.65	15.81	15.65	17.50
3GPP Rel 6	HSDPA Subtest-3	18.60	18.85	18.61	20.00	15.06	15.24	15.16	17.00
3GPP Rel 6	HSDPA Subtest-4	18.65	18.58	18.58	20.00	15.31	15.13	15.11	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.03	19.15	19.05	20.50	15.59	15.58	15.56	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	18.97	19.27	19.22	20.50	15.51	15.70	15.67	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	18.81	18.75	18.76	20.00	15.28	15.27	15.25	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	18.68	18.72	18.51	20.00	15.31	15.13	15.08	17.00
3GPP Rel 6	HSUPA Subtest-1	19.21	19.33	19.17	20.50	15.56	15.82	15.61	17.50
3GPP Rel 6	HSUPA Subtest-2	17.21	17.22	17.31	18.50	13.71	13.65	13.81	15.50
3GPP Rel 6	HSUPA Subtest-3	18.11	18.26	18.21	19.50	14.67	14.79	14.75	16.50
3GPP Rel 6	HSUPA Subtest-4	16.96	17.30	17.03	18.50	13.56	13.71	13.50	15.50
3GPP Rel 6	HSUPA Subtest-5	18.96	19.30	19.20	20.50	15.52	15.78	15.72	17.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.66	16.59	16.50	18.00	13.18	13.16	13.11	15.00

Band 4 Ant1 Other PA DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.71	19.89	19.62	20.7	0
20	QPSK	1	49	19.88	19.85	19.74		
20	QPSK	1	99	19.84	19.80	19.75		
20	QPSK	50	0	19.81	19.85	19.80		
20	QPSK	50	24	19.77	19.80	19.82	20.7	0
20	QPSK	50	50	19.83	19.81	19.79		
20	QPSK	100	0	19.75	19.83	19.80		
20	16QAM	1	0	19.67	19.88	19.56		
20	16QAM	1	49	19.80	19.78	19.69	20.7	0
20	16QAM	1	99	19.80	19.69	19.67		
20	16QAM	50	0	19.75	19.83	19.71		
20	16QAM	50	24	19.69	19.75	19.75	20.7	0
20	16QAM	50	50	19.76	19.77	19.75		
20	16QAM	100	0	19.67	19.76	19.69		
20	64QAM	1	0	19.67	19.87	19.53		
20	64QAM	1	49	19.81	19.80	19.70	20.7	0
20	64QAM	1	99	19.75	19.77	19.69		
20	64QAM	50	0	19.79	19.79	19.79		
20	64QAM	50	24	19.74	19.72	19.72	20.7	0
20	64QAM	50	50	19.74	19.75	19.72		
20	64QAM	100	0	19.69	19.79	19.78		
20	256QAM	1	0	19.61	19.83	19.53		
20	256QAM	1	49	19.83	19.77	19.70	20.7	0
20	256QAM	1	99	19.83	19.68	19.64		
20	256QAM	50	0	19.78	19.77	19.73		
20	256QAM	50	24	19.71	19.73	19.75	20.7	0
20	256QAM	50	50	19.76	19.72	19.68		
20	256QAM	100	0	19.71	19.80	19.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.62	19.87	19.57	20.7	0
15	QPSK	1	37	19.79	19.76	19.63		
15	QPSK	1	74	19.79	19.75	19.72		
15	QPSK	36	0	19.75	19.82	19.73		
15	QPSK	36	20	19.67	19.79	19.74	20.7	0
15	QPSK	36	39	19.73	19.76	19.73		
15	QPSK	75	0	19.68	19.76	19.71		
15	16QAM	1	0	19.60	19.78	19.50		
15	16QAM	1	37	19.74	19.74	19.58	20.7	0
15	16QAM	1	74	19.76	19.66	19.60		
15	16QAM	36	0	19.73	19.82	19.66		
15	16QAM	36	20	19.63	19.66	19.73	20.7	0
15	16QAM	36	39	19.71	19.69	19.73		
15	16QAM	75	0	19.65	19.66	19.62		
15	64QAM	1	0	19.58	19.84	19.44		
15	64QAM	1	37	19.72	19.69	19.66	20.7	0
15	64QAM	1	74	19.74	19.73	19.65		
15	64QAM	36	0	19.71	19.73	19.69		
15	64QAM	36	20	19.69	19.69	19.67	20.7	0
15	64QAM	36	39	19.64	19.70	19.67		
15	64QAM	75	0	19.59	19.70	19.76		
15	256QAM	1	0	19.56	19.77	19.51		
15	256QAM	1	37	19.82	19.70	19.65	20.7	0
15	256QAM	1	74	19.81	19.65	19.62		
15	256QAM	36	0	19.72	19.73	19.65		
15	256QAM	36	20	19.61	19.62	19.69	20.7	0
15	256QAM	36	39	19.71	19.69	19.65		
15	256QAM	75	0	19.61	19.76	19.67		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.66	19.86	19.56	20.7	0
10	QPSK	1	25	19.84	19.82	19.68		
10	QPSK	1	49	19.82	19.73	19.66		
10	QPSK	25	0	19.77	19.82	19.79	20.7	0
10	QPSK	25	12	19.69	19.79	19.75		
10	QPSK	25	25	19.77	19.70	19.70		
10	QPSK	50	0	19.73	19.72	19.72		
10	16QAM	1	0	19.64	19.79	19.50		
10	16QAM	1	25	19.77	19.67	19.60	20.7	0
10	16QAM	1	49	19.75	19.60	19.59		
10	16QAM	25	0	19.69	19.72	19.62		
10	16QAM	25	12	19.67	19.67	19.68	20.7	0
10	16QAM	25	25	19.67	19.70	19.68		
10	16QAM	50	0	19.60	19.67	19.65		
10	64QAM	1	0	19.64	19.82	19.49		
10	64QAM	1	25	19.74	19.75	19.65	20.7	0
10	64QAM	1	49	19.67	19.71	19.67		
10	64QAM	25	0	19.73	19.71	19.69		
10	64QAM	25	12	19.72	19.71	19.71	20.7	0
10	64QAM	25	25	19.68	19.65	19.64		
10	64QAM	50	0	19.59	19.77	19.76		
10	256QAM	1	0	19.60	19.76	19.46		
10	256QAM	1	25	19.72	19.67	19.63	20.7	0
10	256QAM	1	49	19.76	19.57	19.55		
10	256QAM	25	0	19.70	19.72	19.72		
10	256QAM	25	12	19.60	19.60	19.70	20.7	0
10	256QAM	25	25	19.69	19.67	19.67		
10	256QAM	50	0	19.64	19.76	19.71		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.64	19.84	19.61	20.7	0
5	QPSK	1	12	19.83	19.76	19.69		
5	QPSK	1	24	19.81	19.75	19.72		
5	QPSK	12	0	19.78	19.81	19.79	20.7	0
5	QPSK	12	7	19.71	19.71	19.80		
5	QPSK	12	13	19.79	19.72	19.68		
5	QPSK	25	0	19.66	19.81	19.77		
5	16QAM	1	0	19.64	19.86	19.49	20.7	0
5	16QAM	1	12	19.72	19.77	19.64		
5	16QAM	1	24	19.77	19.66	19.65		
5	16QAM	12	0	19.73	19.78	19.62	20.7	0
5	16QAM	12	7	19.61	19.71	19.72		
5	16QAM	12	13	19.70	19.71	19.65		
5	16QAM	25	0	19.61	19.68	19.62		
5	64QAM	1	0	19.56	19.85	19.46	20.7	0
5	64QAM	1	12	19.77	19.70	19.63		
5	64QAM	1	24	19.69	19.68	19.58		
5	64QAM	12	0	19.72	19.73	19.72	20.7	0
5	64QAM	12	7	19.70	19.64	19.62		
5	64QAM	12	13	19.69	19.70	19.64		
5	64QAM	25	0	19.62	19.70	19.68		
5	256QAM	1	0	19.53	19.73	19.52		
5	256QAM	1	12	19.80	19.74	19.68	20.7	0
5	256QAM	1	24	19.75	19.65	19.63		
5	256QAM	12	0	19.70	19.70	19.63		
5	256QAM	12	7	19.61	19.63	19.69	20.7	0
5	256QAM	12	13	19.72	19.69	19.67		
5	256QAM	25	0	19.68	19.77	19.65		
Channel				19950	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.65	19.79	19.60	20.7	0
3	QPSK	1	8	19.78	19.79	19.72		
3	QPSK	1	14	19.77	19.68	19.72		
3	QPSK	8	0	19.71	19.84	19.76	20.7	0
3	QPSK	8	4	19.73	19.79	19.72		
3	QPSK	8	7	19.78	19.78	19.69		
3	QPSK	15	0	19.66	19.75	19.72		
3	16QAM	1	0	19.70	19.79	19.53		
3	16QAM	1	8	19.71	19.76	19.67	20.7	0
3	16QAM	1	14	19.75	19.67	19.63		
3	16QAM	8	0	19.74	19.74	19.64	20.7	0
3	16QAM	8	4	19.68	19.72	19.69		
3	16QAM	8	7	19.65	19.72	19.66		
3	16QAM	15	0	19.59	19.68	19.61		
3	64QAM	1	0	19.60	19.81	19.44	20.7	0
3	64QAM	1	8	19.77	19.77	19.62		
3	64QAM	1	14	19.67	19.74	19.59		
3	64QAM	8	0	19.71	19.68	19.77	20.7	0
3	64QAM	8	4	19.69	19.62	19.69		
3	64QAM	8	7	19.63	19.72	19.64		
3	64QAM	15	0	19.60	19.74	19.76		
3	256QAM	1	0	19.59	19.75	19.45	20.7	0
3	256QAM	1	8	19.80	19.69	19.67		
3	256QAM	1	14	19.82	19.65	19.58		
3	256QAM	8	0	19.75	19.75	19.64	20.7	0
3	256QAM	8	4	19.63	19.66	19.71		
3	256QAM	8	7	19.66	19.68	19.67		
3	256QAM	15	0	19.65	19.79	19.68		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.64	19.78	19.55	20.7	0
1.4	QPSK	1	3	19.85	19.76	19.65		
1.4	QPSK	1	5	19.83	19.73	19.68		
1.4	QPSK	3	0	19.74	19.79	19.75		
1.4	QPSK	3	1	19.70	19.71	19.75		
1.4	QPSK	3	3	19.79	19.73	19.76		
1.4	QPSK	6	0	19.74	19.79	19.73	20.7	0
1.4	16QAM	1	0	19.66	19.87	19.51	20.7	0
1.4	16QAM	1	3	19.71	19.70	19.62		
1.4	16QAM	1	5	19.73	19.60	19.63		
1.4	16QAM	3	0	19.69	19.82	19.63		
1.4	16QAM	3	1	19.58	19.65	19.65		
1.4	16QAM	3	3	19.75	19.71	19.67		
1.4	16QAM	6	0	19.61	19.73	19.67	20.7	0
1.4	64QAM	1	0	19.57	19.81	19.47	20.7	0
1.4	64QAM	1	3	19.71	19.69	19.61		
1.4	64QAM	1	5	19.73	19.74	19.67		
1.4	64QAM	3	0	19.76	19.70	19.74		
1.4	64QAM	3	1	19.68	19.66	19.63		
1.4	64QAM	3	3	19.65	19.72	19.69		
1.4	64QAM	6	0	19.67	19.70	19.73	20.7	0
1.4	256QAM	1	0	19.58	19.74	19.43	20.7	0
1.4	256QAM	1	3	19.81	19.76	19.65		
1.4	256QAM	1	5	19.72	19.59	19.55		
1.4	256QAM	3	0	19.72	19.68	19.63		
1.4	256QAM	3	1	19.68	19.71	19.70		
1.4	256QAM	3	3	19.66	19.66	19.57		
1.4	256QAM	6	0	19.61	19.77	19.68	20.7	0

Band 5 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.39	20.61	20.44	21.5	0
10	QPSK	1	25	20.45	20.43	20.41		
10	QPSK	1	49	20.42	20.56	20.37		
10	QPSK	25	0	20.52	20.59	20.50		
10	QPSK	25	12	20.43	20.51	20.46	21.5	0
10	QPSK	25	25	20.43	20.43	20.45		
10	QPSK	50	0	20.52	20.55	20.52		
10	16QAM	1	0	20.29	20.57	20.40	21.5	0
10	16QAM	1	25	20.38	20.38	20.34		
10	16QAM	1	49	20.34	20.42	20.31		
10	16QAM	25	0	20.44	20.56	20.46	21.5	0
10	16QAM	25	12	20.41	20.49	20.43		
10	16QAM	25	25	20.37	20.33	20.41		
10	16QAM	50	0	20.43	20.53	20.43		
10	64QAM	1	0	20.29	20.56	20.36	21.5	0
10	64QAM	1	25	20.36	20.37	20.39		
10	64QAM	1	49	20.38	20.47	20.28		
10	64QAM	25	0	20.41	20.54	20.49	21.5	0
10	64QAM	25	12	20.39	20.49	20.40		
10	64QAM	25	25	20.41	20.35	20.43		
10	64QAM	50	0	20.42	20.47	20.48		
10	256QAM	1	0	19.39	19.64	19.41	20.5	1
10	256QAM	1	25	19.46	19.46	19.36		
10	256QAM	1	49	19.43	19.47	19.41		
10	256QAM	25	0	19.49	19.55	19.49	20.5	1
10	256QAM	25	12	19.39	19.47	19.45		
10	256QAM	25	25	19.41	19.40	19.40		
10	256QAM	50	0	19.48	19.56	19.51		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.28	20.54	20.35	21.5	0
5	QPSK	1	12	20.37	20.38	20.38		
5	QPSK	1	24	20.34	20.46	20.26		
5	QPSK	12	0	20.48	20.51	20.42	21.5	0
5	QPSK	12	7	20.39	20.48	20.42		
5	QPSK	12	13	20.36	20.35	20.41		
5	QPSK	25	0	20.48	20.54	20.48		
5	16QAM	1	0	20.20	20.50	20.38	21.5	0
5	16QAM	1	12	20.33	20.37	20.24		
5	16QAM	1	24	20.25	20.35	20.25		
5	16QAM	12	0	20.41	20.55	20.36	21.5	0
5	16QAM	12	7	20.33	20.38	20.37		
5	16QAM	12	13	20.35	20.27	20.39		
5	16QAM	25	0	20.40	20.44	20.33		
5	64QAM	1	0	20.22	20.53	20.33	21.5	0
5	64QAM	1	12	20.32	20.27	20.30		
5	64QAM	1	24	20.35	20.43	20.26		
5	64QAM	12	0	20.32	20.52	20.39	21.5	0
5	64QAM	12	7	20.32	20.46	20.32		
5	64QAM	12	13	20.33	20.32	20.40		
5	64QAM	25	0	20.35	20.42	20.39		
5	256QAM	1	0	19.29	19.63	19.40	20.5	1
5	256QAM	1	12	19.44	19.37	19.32		
5	256QAM	1	24	19.35	19.46	19.35		
5	256QAM	12	0	19.43	19.52	19.47	20.5	1
5	256QAM	12	7	19.28	19.37	19.41		
5	256QAM	12	13	19.33	19.36	19.38		
5	256QAM	25	0	19.43	19.53	19.48		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.33	20.54	20.42	21.5	0
3	QPSK	1	8	20.37	20.40	20.31		
3	QPSK	1	14	20.38	20.47	20.28		
3	QPSK	8	0	20.44	20.55	20.46	21.5	0
3	QPSK	8	4	20.41	20.45	20.38		
3	QPSK	8	7	20.41	20.33	20.36		
3	QPSK	15	0	20.49	20.46	20.51		
3	16QAM	1	0	20.20	20.46	20.36	21.5	0
3	16QAM	1	8	20.30	20.27	20.24		
3	16QAM	1	14	20.30	20.36	20.29		
3	16QAM	8	0	20.35	20.55	20.36	21.5	0
3	16QAM	8	4	20.31	20.44	20.33		
3	16QAM	8	7	20.33	20.26	20.33		
3	16QAM	15	0	20.41	20.44	20.35		
3	64QAM	1	0	20.21	20.48	20.27	21.5	0
3	64QAM	1	8	20.31	20.33	20.32		
3	64QAM	1	14	20.35	20.41	20.27		
3	64QAM	8	0	20.35	20.47	20.47	21.5	0
3	64QAM	8	4	20.32	20.46	20.39		
3	64QAM	8	7	20.40	20.30	20.33		
3	64QAM	15	0	20.32	20.39	20.47		
3	256QAM	1	0	19.31	19.54	19.33	20.5	1
3	256QAM	1	8	19.41	19.39	19.30		
3	256QAM	1	14	19.38	19.38	19.30		
3	256QAM	8	0	19.41	19.45	19.46	20.5	1
3	256QAM	8	4	19.34	19.41	19.36		
3	256QAM	8	7	19.33	19.37	19.35		
3	256QAM	15	0	19.41	19.54	19.49		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.36	20.59	20.38	21.5	0
1.4	QPSK	1	3	20.44	20.34	20.35		
1.4	QPSK	1	5	20.37	20.45	20.27		
1.4	QPSK	3	0	20.48	20.54	20.39		
1.4	QPSK	3	1	20.34	20.49	20.38		
1.4	QPSK	3	3	20.41	20.33	20.40		
1.4	QPSK	6	0	20.47	20.44	20.42	21.5	0
1.4	16QAM	1	0	20.20	20.52	20.38	21.5	0
1.4	16QAM	1	3	20.28	20.32	20.25		
1.4	16QAM	1	5	20.32	20.34	20.27		
1.4	16QAM	3	0	20.41	20.50	20.39		
1.4	16QAM	3	1	20.36	20.44	20.39		
1.4	16QAM	3	3	20.34	20.31	20.36		
1.4	16QAM	6	0	20.41	20.47	20.33	21.5	0
1.4	64QAM	1	0	20.23	20.49	20.34	21.5	0
1.4	64QAM	1	3	20.25	20.28	20.32		
1.4	64QAM	1	5	20.37	20.37	20.18		
1.4	64QAM	3	0	20.36	20.48	20.39		
1.4	64QAM	3	1	20.29	20.38	20.33		
1.4	64QAM	3	3	20.33	20.29	20.33		
1.4	64QAM	6	0	20.31	20.46	20.44	21.5	0
1.4	256QAM	1	0	19.31	19.55	19.31	20.5	1
1.4	256QAM	1	3	19.44	19.42	19.34		
1.4	256QAM	1	5	19.38	19.41	19.37		
1.4	256QAM	3	0	19.48	19.52	19.48		
1.4	256QAM	3	1	19.32	19.45	19.39		
1.4	256QAM	3	3	19.38	19.35	19.38		
1.4	256QAM	6	0	19.42	19.46	19.49	20.5	1

Band 7 Ant1 Other PA DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.93	21.15	20.95	21.7	0
20	QPSK	1	49	21.01	21.01	20.95		
20	QPSK	1	99	20.91	20.95	20.90		
20	QPSK	50	0	20.94	21.14	20.97		
20	QPSK	50	24	20.86	21.05	20.94	21.7	0
20	QPSK	50	50	21.02	20.99	20.90		
20	QPSK	100	0	21.05	21.12	21.04		
20	16QAM	1	0	20.91	21.09	20.93		
20	16QAM	1	49	20.97	20.96	20.92	21.7	0
20	16QAM	1	99	20.87	20.86	20.94		
20	16QAM	50	0	20.91	21.13	20.90		
20	16QAM	50	24	20.76	20.98	20.89	21.7	0
20	16QAM	50	50	20.97	20.91	20.85		
20	16QAM	100	0	20.99	21.03	20.95		
20	64QAM	1	0	20.89	21.10	20.89		
20	64QAM	1	49	20.99	21.00	20.90	21.7	0
20	64QAM	1	99	20.91	20.88	20.93		
20	64QAM	50	0	20.93	21.06	20.93		
20	64QAM	50	24	20.84	21.04	20.84	21.7	0
20	64QAM	50	50	20.99	20.92	20.87		
20	64QAM	100	0	21.04	21.05	20.97		
20	256QAM	1	0	19.91	20.18	19.99	20.7	1
20	256QAM	1	49	20.02	20.03	20.00		
20	256QAM	1	99	19.98	19.92	19.98		
20	256QAM	50	0	19.93	20.09	19.95		
20	256QAM	50	24	19.84	20.05	19.91	20.7	1
20	256QAM	50	50	19.98	20.04	19.94		
20	256QAM	100	0	20.03	20.11	20.06		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.82	21.12	20.91	21.7	0
15	QPSK	1	37	20.91	20.93	20.90		
15	QPSK	1	74	20.86	20.88	20.94		
15	QPSK	36	0	20.85	21.07	20.90		
15	QPSK	36	20	20.82	20.97	20.91	21.7	0
15	QPSK	36	39	20.98	20.92	20.82		
15	QPSK	75	0	20.95	21.05	20.94		
15	16QAM	1	0	20.87	21.00	20.91	21.7	0
15	16QAM	1	37	20.93	20.93	20.88		
15	16QAM	1	74	20.82	20.77	20.92		
15	16QAM	36	0	20.85	21.09	20.84	21.7	0
15	16QAM	36	20	20.72	20.94	20.83		
15	16QAM	36	39	20.92	20.86	20.76		
15	16QAM	75	0	20.97	20.95	20.87		
15	64QAM	1	0	20.82	21.05	20.88	21.7	0
15	64QAM	1	37	20.97	20.97	20.87		
15	64QAM	1	74	20.83	20.84	20.88		
15	64QAM	36	0	20.90	21.02	20.88	21.7	0
15	64QAM	36	20	20.75	21.02	20.75		
15	64QAM	36	39	20.97	20.88	20.76		
15	64QAM	75	0	21.02	20.98	20.89		
15	256QAM	1	0	19.84	20.17	19.90	20.7	1
15	256QAM	1	37	19.93	19.94	19.95		
15	256QAM	1	74	19.95	19.82	19.95		
15	256QAM	36	0	19.92	20.07	19.86	20.7	1
15	256QAM	36	20	19.79	19.98	19.84		
15	256QAM	36	39	19.91	20.03	19.88		
15	256QAM	75	0	19.97	20.02	20.03		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.90	21.10	20.93	21.7	0
10	QPSK	1	25	20.96	21.00	20.90		
10	QPSK	1	49	20.94	20.85	20.91		
10	QPSK	25	0	20.90	21.04	20.94	21.7	0
10	QPSK	25	12	20.75	20.99	20.89		
10	QPSK	25	25	20.92	20.96	20.81		
10	QPSK	50	0	21.01	21.04	20.94		
10	16QAM	1	0	20.81	21.03	20.85	21.7	0
10	16QAM	1	25	20.89	20.89	20.89		
10	16Q

Band 17 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.40	22.65	22.44	24	0
10	QPSK	1	25	22.45	22.53	22.44		
10	QPSK	1	49	22.41	22.47	22.43		
10	QPSK	25	0	22.42	22.58	22.42	24	0
10	QPSK	25	12	22.51	22.52	22.50		
10	QPSK	25	25	22.33	22.51	22.32		
10	QPSK	50	0	22.44	22.59	22.58		
10	16QAM	1	0	22.33	22.58	22.32	24	0
10	16QAM	1	25	22.35	22.48	22.37		
10	16QAM	1	49	22.35	22.38	22.29	23.5	0.5
10	16QAM	25	0	21.87	22.11	21.90		
10	16QAM	25	12	21.91	22.07	21.96		
10	16QAM	25	25	21.89	21.96	21.91		
10	16QAM	50	0	21.96	22.12	21.90		
10	64QAM	1	0	22.00	22.03	22.04	23.5	0.5
10	64QAM	1	25	21.83	21.97	21.80		
10	64QAM	1	49	21.92	22.10	22.08		
10	64QAM	25	0	20.87	21.13	20.91	22.5	1.5
10	64QAM	25	12	20.91	21.00	20.92		
10	64QAM	25	25	20.90	20.96	20.90		
10	64QAM	50	0	20.93	21.08	20.91		
10	256QAM	1	0	18.86	19.18	18.93	20.5	3.5
10	256QAM	1	25	18.90	19.07	18.91		
10	256QAM	1	49	18.94	18.96	18.91		
10	256QAM	25	0	18.88	19.08	18.92	20.5	3.5
10	256QAM	25	12	18.97	19.04	18.96		
10	256QAM	25	25	18.80	18.98	18.82		
10	256QAM	50	0	18.92	19.10	19.08		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.27	22.56	22.38	24	0
5	QPSK	1	12	22.33	22.40	22.32		
5	QPSK	1	24	22.30	22.41	22.33		
5	QPSK	12	0	22.29	22.51	22.31	24	0
5	QPSK	12	7	22.37	22.44	22.45		
5	QPSK	12	13	22.29	22.40	22.23		
5	QPSK	25	0	22.37	22.49	22.50		
5	16QAM	1	0	22.21	22.46	22.21	24	0
5	16QAM	1	12	22.28	22.39	22.29		
5	16QAM	1	24	22.30	22.33	22.23		
5	16QAM	12	0	21.75	22.04	21.80	23.5	0.5
5	16QAM	12	7	21.78	21.96	21.89		
5	16QAM	12	13	21.78	21.86	21.82		
5	16QAM	25	0	21.90	22.06	21.79		
5	64QAM	1	0	21.94	21.92	21.98	23.5	0.5
5	64QAM	1	12	21.78	21.87	21.71		
5	64QAM	1	24	21.78	21.97	21.99		
5	64QAM	12	0	20.80	21.00	20.83	22.5	1.5
5	64QAM	12	7	20.82	20.89	20.87		
5	64QAM	12	13	20.86	20.91	20.80		
5	64QAM	25	0	20.81	20.96	20.78		
5	256QAM	1	0	18.80	19.12	18.81	20.5	3.5
5	256QAM	1	12	18.78	18.96	18.78		
5	256QAM	1	24	18.84	18.82	18.82		
5	256QAM	12	0	18.79	19.03	18.79	20.5	3.5
5	256QAM	12	7	18.84	18.95	18.85		
5	256QAM	12	13	18.70	18.92	18.73		
5	256QAM	25	0	18.80	19.03	18.98		

Band 26 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.53	20.65	20.47	21.5	0
15	QPSK	1	37	20.51	20.50	20.52		
15	QPSK	1	74	20.47	20.60	20.53		
15	QPSK	36	0	20.55	20.61	20.49		
15	QPSK	36	20	20.39	20.59	20.49		
15	QPSK	36	39	20.53	20.41	20.53		
15	QPSK	75	0	20.53	20.65	20.54		
15	16QAM	1	0	20.46	20.60	20.40	21.5	0
15	16QAM	1	37	20.48	20.49	20.49		
15	16QAM	1	74	20.38	20.39	20.47		
15	16QAM	36	0	20.47	20.57	20.49		
15	16QAM	36	20	20.33	20.49	20.43	21.5	0
15	16QAM	36	39	20.44	20.39	20.44		
15	16QAM	75	0	20.52	20.52	20.51		
15	64QAM	1	0	20.03	20.63	20.42	21.5	0
15	64QAM	1	37	20.44	20.43	20.43		
15	64QAM	1	74	20.34	20.44	20.47		
15	64QAM	36	0	20.49	20.54	20.44	21.5	0
15	64QAM	36	20	20.32	20.44	20.42		
15	64QAM	36	39	20.49	20.39	20.44		
15	64QAM	75	0	20.45	20.52	20.44		
15	256QAM	1	0	19.56	19.63	19.48	20.5	1
15	256QAM	1	37	19.47	19.45	19.53		
15	256QAM	1	74	19.41	19.52	19.51		
15	256QAM	36	0	19.58	19.61	19.50	20.5	1
15	256QAM	36	20	19.42	19.63	19.54		
15	256QAM	36	39	19.51	19.43	19.49		
15	256QAM	75	0	19.51	19.52	19.58		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.46	20.59	20.36	21.5	0
10	QPSK	1	25	20.46	20.47	20.44		
10	QPSK	1	49	20.38	20.43	20.44		
10	QPSK	25	0	20.51	20.51	20.44	21.5	0
10	QPSK	25	12	20.34	20.51	20.47		
10	QPSK	25	25	20.47	20.32	20.51		
10	QPSK	50	0	20.44	20.45	20.50		
10	16QAM	1	0	20.40	20.55	20.30	21.5	0
10	16QAM	1	25	20.46	20.42	20.39		
10	16QAM	1	49	20.30	20.33	20.46		
10	16QAM	25	0	20.44	20.49	20.37	21.5	0
10	16QAM	25	12	20.24	20.47	20.39		
10	16QAM	25	25	20.36	20.30	20.37		
10	16QAM	50	0	20.51	20.45	20.44		
10	64QAM	1	0	20.37	20.57	20.32	21.5	0
10	64QAM	1	25	20.37	20.38	20.39		
10	64QAM	1	49	20.24	20.37	20.41		
10	64QAM	25	0	20.45	20.49	20.35	21.5	0
10	64QAM	25	12	20.25	20.44	20.31		
10	64QAM	25	25	20.44	20.28	20.36		
10	64QAM	50	0	20.42	20.46	20.40		
10	256QAM	1	0	19.52	19.53	19.45	20.5	1
10	256QAM	1	25	19.41	19.37	19.48		
10	256QAM	1	49	19.38	19.45	19.41		
10	256QAM	25	0	19.48	19.54	19.47	20.5	1
10	256QAM	25	12	19.32	19.56	19.46		
10	256QAM	25	25	19.47	19.40	19.46		
10	256QAM	50	0	19.45	19.44	19.57		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.50	20.57	20.37	21.5	0
5	QPSK	1	12	20.45	20.41	20.45		
5	QPSK	1	24	20.39	20.40	20.51		
5	QPSK	12	0	20.48	20.53	20.47	21.5	0
5	QPSK	12	7	20.32	20.50	20.42		
5	QPSK	12	13	20.47	20.38	20.49		
5	QPSK	25	0	20.44	20.50	20.51		
5	16QAM	1	0	20.37	20.58	20.35	21.5	0
5	16QAM	1	12	20.41	20.40	20.41		
5	16QAM	1	24	20.34	20.34	20.44		
5	16QAM	12	0	20.44	20.53	20.44	21.5	0
5	16QAM	12	7	20.27	20.46	20.34		
5	16QAM	12	13	20.36	20.33	20.41		
5	16QAM	25	0	20.45	20.48	20.46		
5	64QAM	1	0	20.37	20.59	20.36	21.5	0
5	64QAM	1	12	20.41	20.34	20.38		
5	64QAM	1	24	20.30	20.34	20.38		
5	64QAM	12	0	20.40	20.52	20.39	21.5	0
5	64QAM	12	7	20.24	20.49	20.33		
5	64QAM	12	13	20.39	20.37	20.39		
5	64QAM	25	0	20.36	20.49	20.38		
5	256QAM	1	0	19.55	19.59	19.43	20.5	1
5	256QAM	1	12	19.44	19.36	19.48		
5	256QAM	1	24	19.33	19.48	19.44		
5	256QAM	12	0	19.48	19.52	19.49	20.5	1
5	256QAM	12	7	19.38	19.56	19.45		
5	256QAM	12	13	19.42	19.34	19.46		
5	256QAM	25	0	19.47	19.45	19.50		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.47	20.60	20.45	21.5	0
3	QPSK	1	8	20.42	20.45	20.44		
3	QPSK	1	14	20.39	20.49	20.48		
3	QPSK	8	0	20.51	20.55	20.46	21.5	0
3	QPSK	8	4	20.34	20.54	20.43		
3	QPSK	8	7	20.47	20.32	20.42		
3	QPSK	15	0	20.48	20.46	20.45		
3	16QAM	1	0	20.45	20.56	20.33	21.5	0
3	16QAM	1	8	20.39	20.41	20.38		
3	16QAM	1	14	20.36	20.28	20.44		
3	16QAM	8	0	20.44	20.52	20.44	21.5	0
3	16QAM	8	4	20.26	20.39	20.36		
3	16QAM	8	7	20.37	20.29	20.34		
3	16QAM	15	0	20.47	20.42	20.49		
3	64QAM	1	0	20.40	20.54	20.38	21.5	0
3	64QAM	1	8	20.40	20.33	20.35		
3	64QAM	1	14	20.28	20.38	20.44		
3	64QAM	8	0	20.42	20.49	20.36	21.5	0
3	64QAM	8	4	20.24	20.52	20.34		
3	64QAM	8	7	20.47	20.37	20.36		
3	64QAM	15	0	20.40	20.50	20.41		
3	256QAM	1	0	19.45	19.59	19.41	20.5	1
3	256QAM	1	8	19.40	19.38	19.48		
3	256QAM	1	14	19.36	19.49	19.43		
3	256QAM	8	0	19.51	19.50	19.48	20.5	1
3	256QAM	8	4	19.33	19.61	19.48		
3	256QAM	8	7	19.40	19.38	19.47		
3	256QAM	15	0	19.46	19.43	19.50		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.44	20.62	20.42	21.5	0
1.4	QPSK	1	3	20.44	20.40	20.51		
1.4	QPSK	1	5	20.36	20.42	20.49		
1.4	QPSK	3	0	20.47	20.59	20.48		
1.4	QPSK	3	1	20.29	20.53	20.45		
1.4	QPSK	3	3	20.49	20.36	20.47		
1.4	QPSK	6	0	20.51	20.51	20.51	21.5	0
1.4	16QAM	1	0	20.37	20.49	20.33	21.5	0
1.4	16QAM	1	3	20.46	20.41	20.45		
1.4	16QAM	1	5	20.29	20.33	20.41		
1.4	16QAM	3	0	20.45	20.51	20.41		
1.4	16QAM	3	1	20.30	20.48	20.38		
1.4	16QAM	3	3	20.35	20.30	20.35		
1.4	16QAM	6	0	20.45	20.47	20.47	21.5	0
1.4	64QAM	1	0	20.40	20.52	20.40	21.5	0
1.4	64QAM	1	3	20.35	20.32	20.40		
1.4	64QAM	1	5	20.33	20.34	20.38		
1.4	64QAM	3	0	20.43	20.45	20.41		
1.4	64QAM	3	1	20.29	20.45	20.33		
1.4	64QAM	3	3	20.43	20.33	20.38		
1.4	64QAM	6	0	20.37	20.44	20.38	21.5	0
1.4	256QAM	1	0	19.48	19.54	19.39	20.5	1
1.4	256QAM	1	3	19.44	19.41	19.50		
1.4	256QAM	1	5	19.33	19.50	19.41		
1.4	256QAM	3	0	19.53	19.53	19.49		
1.4	256QAM	3	1	19.32	19.53	19.45		
1.4	256QAM	3	3	19.46	19.35	19.47		
1.4	256QAM	6	0	19.41	19.42	19.50	20.5	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.46	15.61	15.40	17.2	0
20	QPSK	1	49	15.46	15.41	15.33		
20	QPSK	1	99	15.39	15.42	15.37		
20	QPSK	50	0	15.39	15.54	15.37	17.2	0
20	QPSK	50	24	15.37	15.51	15.47		
20	QPSK	50	50	15.44	15.48	15.36		
20	QPSK	100	0	15.35	15.52	15.36		
20	16QAM	1	0	15.39	15.51	15.29	17.2	0
20	16QAM	1	49	15.43	15.40	15.24		
20	16QAM	1	99	15.34	15.31	15.32		
20	16QAM	50	0	15.36	15.46	15.35		
20	16QAM	50	24	15.36	15.46	15.43		
20	16QAM	50	50	15.42	15.44	15.34		
20	16QAM	100	0	15.29	15.51	15.30		
20	64QAM	1	0	15.36	15.58	15.29	17.2	0
20	64QAM	1	49	15.36	15.32	15.25		
20	64QAM	1	99	15.38	15.31	15.27		
20	64QAM	50	0	15.30	15.51	15.27		
20	64QAM	50	24	15.31	15.44	15.39		
20	64QAM	50	50	15.41	15.44	15.30		
20	64QAM	100	0	15.31	15.50	15.26		
20	256QAM	1	0	15.41	15.52	15.34	17.2	0
20	256QAM	1	49	15.40	15.38	15.29		
20	256QAM	1	99	15.31	15.39	15.26		
20	256QAM	50	0	15.34	15.49	15.34	17.2	0
20	256QAM	50	24	15.32	15.48	15.41		
20	256QAM	50	50	15.41	15.38	15.26		
20	256QAM	100	0	15.25	15.47	15.31		
Channel				132047	4	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.44	15.55	15.35	17.2	0
15	QPSK	1	37	15.38	15.34	15.29		
15	QPSK	1	74	15.31	15.41	15.30		
15	QPSK	36	0	15.34	15.44	15.30	17.2	0
15	QPSK	36	20	15.34	15.49	15.39		
15	QPSK	36	39	15.34	15.45	15.27		
15	QPSK	75	0	15.30	15.43	15.26		
15	16QAM	1	0	15.31	15.47	15.31	17.2	0
15	16QAM	1	37	15.39	15.33	15.31		
15	16QAM	1	74	15.24	15.24	15.22		
15	16QAM	36	0	15.34	15.36	15.27	17.2	0
15	16QAM	36	20	15.27	15.43	15.34		
15	16QAM	36	39	15.35	15.41	15.24		
15	16QAM	75	0	15.31	15.50	15.26		
15	64QAM	1	0	15.26	15.56	15.21	17.2	0
15	64QAM	1	37	15.29	15.21	15.23		
15	64QAM	1	74	15.36	15.24	15.26		
15	64QAM	36	0	15.23	15.46	15.31	17.2	0
15	64QAM	36	20	15.29	15.35	15.30		
15	64QAM	36	39	15.32	15.35	15.20		
15	64QAM	75	0	15.23	15.45	15.19		
15	256QAM	1	0	15.32	15.49	15.29	17.2	0
15	256QAM	1	37	15.29	15.28	15.22		
15	256QAM	1	74	15.24	15.30	15.23		
15	256QAM	36	0	15.29	15.47	15.30	17.2	0
15	256QAM	36	20	15.21	15.47	15.35		
15	256QAM	36	39	15.40	15.35	15.23		
15	256QAM	75	0	15.15	15.36	15.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.38	15.52	15.33	17.2	0
10	QPSK	1	25	15.42	15.38	15.27		
10	QPSK	1	49	15.28	15.39	15.34		
10	QPSK	25	0	15.36	15.51	15.27	17.2	0
10	QPSK	25	12	15.30	15.43	15.37		
10	QPSK	25	25	15.33	15.44	15.30		
10	QPSK	50	0	15.30	15.42	15.26		
10	16QAM	1	0	15.37	15.40	15.23	17.2	0
10	16QAM	1	25	15.38	15.30	15.21		
10	16QAM	1	49	15.32	15.28	15.24		
10	16QAM	25	0	15.27	15.42	15.26	17.2	0
10	16QAM	25	12	15.30	15.37	15.42		
10	16QAM	25	25	15.38	15.34	15.28		
10	16QAM	50	0	15.22	15.49	15.26		
10	64QAM	1	0	15.35	15.54	15.22	17.2	0
10	64QAM	1	25	15.25	15.26	15.31		
10	64QAM	1	49	15.30	15.29	15.21		
10	64QAM	25	0	15.23	15.45	15.25	17.2	0
10	64QAM	25	12	15.27	15.42	15.29		
10	64QAM	25	25	15.32	15.42	15.26		
10	64QAM	50	0	15.23	15.45	15.23		
10	256QAM	1	0	15.39	15.41	15.23	17.2	0
10	256QAM	1	25	15.37	15.29	15.28		
10	256QAM	1	49	15.29	15.32	15.23		
10	256QAM	25	0	15.26	15.43	15.24	17.2	0
10	256QAM	25	12	15.31	15.40	15.34		
10	256QAM	25	25	15.34	15.33	15.16		
10	256QAM	50	0	15.19	15.39	15.22		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.36	15.58	15.37	17.2	0
5	QPSK	1	12	15.45	15.35	15.26		
5	QPSK	1	24	15.30	15.33	15.32		
5	QPSK	12	0	15.32	15.46	15.29	17.2	0
5	QPSK	12	7	15.32	15.44	15.37		
5	QPSK	12	13	15.43	15.41	15.28		
5	QPSK	25	0	15.34	15.46	15.35		
5	16QAM	1	0	15.32	15.43	15.23	17.2	0
5	16QAM	1	12	15.39	15.39	15.31		
5	16QAM	1	24	15.33	15.22	15.27		
5	16QAM	12	0	15.32	15.42	15.30	17.2	0
5	16QAM	12	7	15.34	15.37	15.42		
5	16QAM	12	13	15.36	15.33	15.25		
5	16QAM	25	0	15.26	15.44	15.26		
5	64QAM	1	0	15.32	15.51	15.23	17.2	0
5	64QAM	1	12	15.33	15.30	15.31		
5	64QAM	1	24	15.30	15.22	15.30		
5	64QAM	12	0	15.23	15.44	15.31	17.2	0
5	64QAM	12	7	15.27	15.38	15.32		
5	64QAM	12	13	15.40	15.36	15.19		
5	64QAM	25	0	15.21	15.42	15.21		
5	256QAM	1	0	15.33	15.42	15.32	17.2	0
5	256QAM	1	12	15.37	15.32	15.24		
5	256QAM	1	24	15.26	15.36	15.21		
5	256QAM	12	0	15.27	15.45	15.27	17.2	0
5	256QAM	12	7	15.24	15.40	15.35		
5	256QAM	12	13	15.36	15.28	15.21		
5	256QAM	25	0	15.23	15.36	15.27		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.44	15.52	15.36	17.2	0
3	QPSK	1	8	15.36	15.31	15.24		
3	QPSK	1	14	15.30	15.32	15.32		
3	QPSK	8	0	15.35	15.52	15.34	17.2	0
3	QPSK	8	4	15.33	15.45	15.38		
3	QPSK	8	7	15.39	15.44	15.31		
3	QPSK	15	0	15.29	15.50	15.34	17.2	0
3	16QAM	1	0	15.33	15.44	15.25		
3	16QAM	1	8	15.37	15.39	15.23		
3	16QAM	1	14	15.29	15.21	15.21		
3	16QAM	8	0	15.28	15.37	15.30	17.2	0
3	16QAM	8	4	15.31	15.40	15.42		
3	16QAM	8	7	15.38	15.35	15.26		
3	16QAM	15	0	15.22	15.45	15.26	17.2	0
3	64QAM	1	0	15.26	15.49	15.27		
3	64QAM	1	8	15.33	15.23	15.27		
3	64QAM	1	14	15.36	15.27	15.23		
3	64QAM	8	0	15.20	15.48	15.27	17.2	0
3	64QAM	8	4	15.25	15.39	15.30		
3	64QAM	8	7	15.40	15.36	15.28		
3	64QAM	15	0	15.24	15.41	15.20		
3	256QAM	1	0	15.36	15.42	15.25	17.2	0
3	256QAM	1	8	15.31	15.28	15.22		
3	256QAM	1	14	15.26	15.29	15.27		
3	256QAM	8	0	15.28	15.45	15.30	17.2	0
3	256QAM	8	4	15.24	15.43	15.34		
3	256QAM	8	7	15.36	15.28	15.24		
3	256QAM	15	0	15.23	15.45	15.28		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.41	15.50	15.36	17.2	0
1.4	QPSK	1	3	15.43	15.35	15.22		
1.4	QPSK	1	5	15.33	15.41	15.27		
1.4	QPSK	3	0	15.37	15.51	15.26		
1.4	QPSK	3	1	15.28	15.50	15.42		
1.4	QPSK	3	3	15.37	15.37	15.28		
1.4	QPSK	6	0	15.30	15.47	15.32	17.2	0
1.4	16QAM	1	0	15.28	15.49	15.26	17.2	0
1.4	16QAM	1	3	15.40	15.34	15.27		
1.4	16QAM	1	5	15.26	15.25	15.23		
1.4	16QAM	3	0	15.33	15.40	15.32		

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BW [MHz]	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	22.02	22.17	22.01	22.7	0
20	QPSK	1	49	21.96	22.03	21.99		
20	QPSK	1	99	21.96	22.06	22.04		
20	QPSK	50	0	22.10	22.11	22.09	22.7	0
20	QPSK	50	24	22.02	22.05	22.00		
20	QPSK	50	50	22.08	22.04	22.05		
20	QPSK	100	0	21.99	22.10	21.95		
20	16QAM	1	0	21.98	22.16	21.92	22.7	0
20	16QAM	1	49	21.88	22.00	21.94		
20	16QAM	1	99	21.89	21.96	21.97		
20	16QAM	50	0	22.03	22.06	22.05	22.7	0
20	16QAM	50	24	21.92	22.01	21.93		
20	16QAM	50	50	21.99	21.96	21.94		
20	16QAM	100	0	21.95	22.02	21.86		
20	64QAM	1	0	21.91	22.07	21.95	22.7	0
20	64QAM	1	49	21.94	21.94	21.91		
20	64QAM	1	99	21.87	21.96	22.01		
20	64QAM	50	0	22.06	22.01	22.04	22.7	0
20	64QAM	50	24	21.95	22.00	21.97		
20	64QAM	50	50	22.04	21.93	22.03		
20	64QAM	100	0	21.94	22.00	21.86		
20	256QAM	1	0	19.97	20.22	19.98	20.7	2
20	256QAM	1	49	19.95	19.99	20.04		
20	256QAM	1	99	19.93	20.09	20.08		
20	256QAM	50	0	20.07	20.11	20.08	20.7	2
20	256QAM	50	24	20.03	20.00	19.95		
20	256QAM	50	50	20.11	20.08	20.03		
20	256QAM	100	0	19.96	20.08	19.99		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.99	22.07	21.96	22.7	0
15	QPSK	1	37	21.91	21.94	21.95		
15	QPSK	1	74	21.92	22.02	21.94		
15	QPSK	36	0	22.02	22.01	22.05	22.7	0
15	QPSK	36	20	21.97	21.96	21.93		
15	QPSK	36	39	22.06	21.94	21.96		
15	QPSK	75	0	21.96	22.06	21.87		
15	16QAM	1	0	21.91	22.10	21.89	22.7	0
15	16QAM	1	37	21.81	21.92	21.90		
15	16QAM	1	74	21.79	21.92	21.94		
15	16QAM	36	0	21.96	21.98	22.00	22.7	0
15	16QAM	36	20	21.86	21.95	21.89		
15	16QAM	36	39	21.91	21.90	21.85		
15	16QAM	75	0	21.92	21.92	21.77		
15	64QAM	1	0	21.83	22.06	21.89	22.7	0
15	64QAM	1	37	21.86	21.85	21.80		
15	64QAM	1	74	21.77	21.85	21.98		
15	64QAM	36	0	22.03	21.98	21.97	22.7	0
15	64QAM	36	20	21.91	21.96	21.88		
15	64QAM	36	39	21.95	21.90	21.94		
15	64QAM	75	0	21.89	21.92	21.81		
15	256QAM	1	0	19.91	20.19	19.96	20.7	2
15	256QAM	1	37	19.92	19.93	19.95		
15	256QAM	1	74	19.86	20.00	20.03		
15	256QAM	36	0	20.00	20.03	19.97	20.7	2
15	256QAM	36	20	19.99	19.97	19.93		
15	256QAM	36	39	20.08	20.03	20.02		
15	256QAM	75	0	19.89	20.03	19.95		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.97	22.09	21.92	22.7	0
10	QPSK	1	25	21.90	21.96	21.89		
10	QPSK	1	49	21.90	21.96	22.02		
10	QPSK	25	0	22.00	22.04	21.99	22.7	0
10	QPSK	25	12	21.98	22.02	21.99		
10	QPSK	25	25	21.97	21.96	22.01		
10	QPSK	50	0	21.90	22.08	21.89		
10	16QAM	1	0	21.97	22.10	21.88	22.7	0
10	16QAM	1	25	21.79	21.93	21.84		
10	16QAM	1	49	21.82	21.88	21.91		
10	16QAM	25	0	21.93	22.02	22.02	22.7	0
10	16QAM	25	12	21.85	21.95	21.82		
10	16QAM	25	25	21.95	21.93	21.87		
10	16QAM	50	0	21.86	21.96	21.80		
10	64QAM	1	0	21.86	22.03	21.88	22.7	0
10	64QAM	1	25	21.84	21.88	21.84		
10	64QAM	1	49	21.76	21.92	21.92		
10	64QAM	25	0	21.99	21.93	22.00	22.7	0
10	64QAM	25	12	21.92	21.98	21.93		
10	64QAM	25	25	21.95	21.90	21.95		
10	64QAM	50	0	21.87	21.95	21.75		
10	256QAM	1	0	19.91	20.20	19.87	20.7	2
10	256QAM	1	25	19.89	19.90	19.94		
10	256QAM	1	49	19.82	20.01	20.03		
10	256QAM	25	0	20.00	20.03	19.98	20.7	2
10	256QAM	25	12	20.00	19.95	19.93		
10	256QAM	25	25	20.06	20.04	20.01		
10	256QAM	50	0	19.86	20.00	19.96		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.92	22.07	21.97	22.7	0
5	QPSK	1	12	21.95	21.94	21.89		
5	QPSK	1	24	21.95	22.05	21.98		
5	QPSK	12	0	22.05	22.01	22.03	22.7	0
5	QPSK	12	7	22.00	21.94	21.91		
5	QPSK	12	13	21.99	21.96	21.95		
5	QPSK	25	0	21.97	22.00	21.86		
5	16QAM	1	0	21.88	22.08	21.82	22.7	0
5	16QAM	1	12	21.84	21.91	21.85		
5	16QAM	1	24	21.78	21.85	21.87		
5	16QAM	12	0	21.99	21.95	21.99	22.7	0
5	16QAM	12	7	21.88	21.99	21.84		
5	16QAM	12	13	21.98	21.86	21.84		
5	16QAM	25	0	21.86	21.92	21.80		
5	64QAM	1	0	21.87	22.06	21.86	22.7	0
5	64QAM	1	12	21.83	21.87	21.90		
5	64QAM	1	24	21.81	21.93	21.97		
5	64QAM	12	0	21.97	21.96	21.97	22.7	0
5	64QAM	12	7	21.87	21.96	21.95		
5	64QAM	12	13	21.97	21.88	21.93		
5	64QAM	25	0	21.86	21.90	21.79		
5	256QAM	1	0	19.88	20.16	19.96	20.7	2
5	256QAM	1	12	19.88	19.89	19.99		
5	256QAM	1	24	19.90	20.05	19.99		
5	256QAM	12	0	19.98	20.01	20.03	20.7	2
5	256QAM	12	7	19.94	19.97	19.88		
5	256QAM	12	13	20.05	20.05	20.00		
5	256QAM	25	0	19.89	19.99	19.95		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.60	21.45	21.71	21.28	21.34	22.2	0
20	QPSK	1	49	21.53	21.54	21.64	21.55	21.47		
20	QPSK	1	99	21.55	21.52	21.67	21.55	21.63		
20	QPSK	50	0	21.60	21.47	21.68	21.60	21.50	22.2	0
20	QPSK	50	24	21.64	21.49	21.61	21.60	21.56		
20	QPSK	50	50	21.57	21.46	21.66	21.48	21.51		
20	QPSK	100	0	21.51	21.50	21.56	21.51	21.53		
20	16QAM	1	0	21.54	21.37	21.63	21.25	21.24	22.2	0
20	16QAM	1	49	21.43	21.44	21.60	21.48	21.40		
20	16QAM	1	99	21.50	21.45	21.56	21.51	21.59		
20	16QAM	50	0	21.49	21.38	21.62	21.53	21.43	22.2	0
20	16QAM	50	24	21.60	21.41	21.56	21.54	21.46		
20	16QAM	50	50	21.53	21.38	21.60	21.42	21.42		
20	16QAM	100	0	21.45	21.41	21.48	21.48	21.51		
20	64QAM	1	0	21.49	21.40	21.62	21.19	21.30	22.2	0
20	64QAM	1	49	21.44	21.51	21.62	21.51	21.45		
20	64QAM	1	99	21.49	21.44	21.56	21.52	21.58		
20	64QAM	50	0	21.55	21.43	21.65	21.57	21.43	22.2	0
20	64QAM	50	24	21.54	21.44	21.58	21.58	21.54		
20	64QAM	50	50	21.54	21.39	21.58	21.38	21.43		
20	64QAM	100	0	21.47	21.49	21.52	21.41	21.42		
20	256QAM	1	0	20.12	19.93	20.25	19.78	19.85	20.7	1.5
20	256QAM	1	49	20.00	20.08	20.13	20.01	20.01		
20	256QAM	1	99	20.02	20.02	20.13	20.05	20.09		
20	256QAM	50	0	20.05	19.96	20.20	20.14	20.04	20.7	1.5
20	256QAM	50	24	20.18	19.94	20.12	20.14	20.09		
20	256QAM	50	50	20.08	19.95	20.16	19.98	20.04		
20	256QAM	100	0	20.02	19.97	20.05	19.98	20.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.58	21.43	21.61	21.25	21.25	22	0
15	QPSK	1	37	21.45	21.51	21.58	21.52	21.45		
15	QPSK	1	74	21.51	21.44	21.61	21.51	21.61		
15	QPSK	36	0	21.52	21.37	21.62	21.53	21.40	22.2	0
15	QPSK	36	20	21.60	21.44	21.55	21.59	21.55		
15	QPSK	36	39	21.48	21.41	21.57	21.46	21.48		
15	QPSK	75	0	21.48	21.46	21.52	21.47	21.45		
15	16QAM	1	0	21.46	21.33	21.54	21.16	21.14	22.2	0
15	16QAM	1	37	21.35	21.37	21.51	21.45	21.33		
15	16QAM	1	74	21.43	21.37	21.46	21.49	21.53		
15	16QAM	36	0	21.45	21.33	21.53	21.46	21.42	22.2	0
15	16QAM	36	20	21.56	21.31	21.51	21.46	21.41		
15	16QAM	36	39	21.48	21.36	21.57	21.39	21.40		
15	16QAM	75	0	21.37	21.40	21.38	21.41	21.42		
15	64QAM	1	0	21.43	21.32	21.54	21.11	21.20	22.2	0
15	64QAM	1	37	21.34	21.49	21.54	21.41	21.37		
15	64QAM	1	74	21.47	21.34	21.46	21.49	21.57		
15	64QAM	36	0	21.49	21.34	21.58	21.53	21.37	22.2	0
15	64QAM	36	20	21.50	21.38	21.47	21.48	21.47		
15	64QAM	36	39	21.51	21.31	21.57	21.34	21.34		
15	64QAM	75	0	21.41	21.39	21.44	21.40	21.38		
15	256QAM	1	0	20.02	19.92	20.22	19.75	19.76	20.7	1.5
15	256QAM	1	37	19.96	20.00	20.10	19.90	19.98		
15	256QAM	1	74	19.96	19.96	20.09	20.03	20.04		
15	256QAM	36	0	20.02	19.91	20.12	20.07	19.95	20.7	1.5
15	256QAM	36	20	20.10	19.91	20.11	20.12	20.02		
15	256QAM	36	39	20.03	19.93	20.07	19.92	20.03		
15	256QAM	75	0	19.96	19.93	19.94	19.93	20.02		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.58	21.41	21.68	21.23	21.28	22	0
10	QPSK	1	25	21.46	21.43	21.62	21.53	21.40		
10	QPSK	1	49	21.46	21.46	21.64	21.51	21.53		
10	QPSK	25	0	21.56	21.43	21.65	21.57	21.43	22.2	0
10	QPSK	25	12	21.60	21.44	21.51	21.50	21.51		
10	QPSK	25	25	21.56	21.40	21.62	21.45	21.48		
10	QPSK	50	0	21.43	21.46	21.50	21.49	21.50		
10	16QAM	1	0	21.50	21.32	21.57	21.21	21.21	22.2	0
10	16QAM	1	25	21.38	21.40	21.59	21.40	21.29		
10	16QAM	1	49	21.48	21.43	21.47	21.50	21.53		
10	16QAM	25	0	21.40	21.30	21.60	21.51	21.40	22.2	0
10	16QAM	25	12	21.52	21.32	21.48	21.49	21.42		
10	16QAM	25	25	21.48	21.36	21.53	21.38	21.36		
10	16QAM	50	0	21.41	21.34	21.38	21.43	21.46		
10	64QAM	1	0	21.47	21.34	21.53	21.11	21.19	22.2	0
10	64QAM	1	25	21.36	21.41	21.56	21.50	21.34		
10	64QAM	1	49	21.44	21.37	21.49	21.45	21.54		
10	64QAM	25	0	21.47	21.38	21.63	21.52	21.42	22.2	0
10	64QAM	25	12	21.43	21.37	21.50	21.55	21.53		
10	64QAM	25	25	21.44	21.28	21.53	21.32	21.36		
10	64QAM	50	0	21.37	21.47	21.44	21.31	21.33		
10	256QAM	1	0	20.07	19.89	20.19	19.72	19.81	20.7	1.5
10	256QAM	1	25	19.98	19.98	20.07	19.95	19.91		
10	256QAM	1	49	19.93	19.98	20.04	20.02	20.00		
10	256QAM	25	0	20.04	19.95	20.19	20.08	19.93	20.7	1.5
10	256QAM	25	12	20.10	19.90	20.06	20.03	20.02		
10	256QAM	25	25	19.98	19.92	20.07	19.91	19.95		
10	256QAM	50	0	19.95	19.96	19.96	19.89	19.99		
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	21.51	21.34	21.61	21.25	21.25	22	0
5	QPSK	1	12	21.42	21.49	21.61	21.46	21.42		
5	QPSK	1	24	21.47	21.45	21.56	21.51	21.56		
5	QPSK	12	0	21.53	21.44	21.58	21.58	21.40	22.2	0
5	QPSK	12	7	21.61	21.44	21.55	21.51	21.50		
5	QPSK	12	13	21.55	21.39	21.62	21.37	21.47		
5	QPSK	25	0	21.47	21.40	21.54	21.49	21.52		
5	16QAM	1	0	21.52	21.28	21.59	21.19	21.22	22.2	0
5	16QAM	1	12	21.33	21.33	21.55	21.45	21.36		
5	16QAM	1	24	21.44	21.41	21.53	21.44	21.49		
5	16QAM	12	0	21.43	21.32	21.60	21.47	21.35	22.2	0
5	16QAM	12	7	21.54	21.40	21.46	21.48	21.40		
5	16QAM	12	13	21.50	21.31	21.55	21.40	21.36		
5	16QAM	25	0	21.34	21.31	21.41	21.42	21.46		
5	64QAM	1	0	21.38	21.37	21.54	21.10	21.21	22.2	0
5	64QAM	1	12	21.36	21.41	21.60	21.44	21.42		
5	64QAM	1	24	21.40	21.38	21.47	21.42	21.52		
5	64QAM	12	0	21.47	21.41	21.64	21.46	21.38	22.2	0
5	64QAM	12	7	21.49	21.43	21.56	21.47	21.43		
5	64QAM	12	13	21.47	21.35	21.56	21.32	21.38		
5	64QAM	25	0	21.39	21.39	21.48	21.36	21.32		
5	256QAM	1	0	20.03	19.89	20.20	19.68	19.78	20.7	1.5
5	256QAM	1	12	19.89	20.06	20.11	19.91	19.96		
5	256QAM	1	24	19.98	19.95	20.10	20.04	20.07		
5	256QAM	12	0	20.03	19.90	20.15	20.06	19.97	20.7	1.5
5	256QAM	12	7	20.16	19.91	20.03	20.13	20.02		
5	256QAM	12	13	20.02	19.92	20.10	19.91	20.02		
5	256QAM	25	0	19.96	19.95	19.95	19.89	19.98		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.71	18.86	18.58	20.5	0
20	QPSK	1	49	18.70	18.80	18.80		
20	QPSK	1	99	18.75	18.72	18.73		
20	QPSK	50	0	18.76	18.81	18.73	20.5	0
20	QPSK	50	24	18.65	18.79	18.71		
20	QPSK	50	50	18.62	18.73	18.70		
20	QPSK	100	0	18.68	18.76	18.75		
20	16QAM	1	0	18.60	18.82	18.54	20.5	0
20	16QAM	1	49	18.62	18.73	18.75		
20	16QAM	1	99	18.70	18.65	18.63		
20	16QAM	50	0	18.73	18.73	18.65	20.5	0
20	16QAM	50	24	18.59	18.75	18.66		
20	16QAM	50	50	18.56	18.70	18.68		
20	16QAM	100	0	18.58	18.66	18.70		
20	64QAM	1	0	18.62	18.79	18.55	20.5	0
20	64QAM	1	49	18.60	18.72	18.72		
20	64QAM	1	99	18.71	18.67	18.69		
20	64QAM	50	0	18.70	18.74	18.68	20.5	0
20	64QAM	50	24	18.63	18.71	18.68		
20	64QAM	50	50	18.60	18.72	18.65		
20	64QAM	100	0	18.60	18.72	18.69		
20	256QAM	1	0	16.66	16.88	16.58	18.5	2
20	256QAM	1	49	16.65	16.84	16.78		
20	256QAM	1	99	16.72	16.70	16.70		
20	256QAM	50	0	16.80	16.79	16.74	18.5	2
20	256QAM	50	24	16.69	16.82	16.70		
20	256QAM	50	50	16.62	16.70	16.70		
20	256QAM	100	0	16.73	16.75	16.72		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.66	18.84	18.64	20.5	0
15	QPSK	1	37	18.65	18.76	18.71		
15	QPSK	1	74	18.71	18.68	18.63		
15	QPSK	36	0	18.75	18.76	18.64	20.5	0
15	QPSK	36	20	18.57	18.70	18.60		
15	QPSK	36	39	18.61	18.70	18.67		
15	QPSK	75	0	18.60	18.73	18.69		
15	16QAM	1	0	18.58	18.76	18.64	20.5	0
15	16QAM	1	37	18.58	18.67	18.65		
15	16QAM	1	74	18.66	18.61	18.52		
15	16QAM	36	0	18.69	18.63	18.59	20.5	0
15	16QAM	36	20	18.51	18.70	18.57		
15	16QAM	36	39	18.50	18.65	18.61		
15	16QAM	75	0	18.52	18.59	18.61		
15	64QAM	1	0	18.58	18.71	18.50	20.5	0
15	64QAM	1	37	18.55	18.67	18.66		
15	64QAM	1	74	18.64	18.66	18.62		
15	64QAM	36	0	18.66	18.68	18.60	20.5	0
15	64QAM	36	20	18.57	18.70	18.64		
15	64QAM	36	39	18.51	18.69	18.56		
15	64QAM	75	0	18.51	18.68	18.59		
15	256QAM	1	0	16.61	16.82	16.62	18.5	2
15	256QAM	1	37	16.63	16.75	16.72		
15	256QAM	1	74	16.65	16.69	16.62		
15	256QAM	36	0	16.74	16.68	16.68	18.5	2
15	256QAM	36	20	16.61	16.73	16.60		
15	256QAM	36	39	16.51	16.64	16.65		
15	256QAM	75	0	16.67	16.69	16.62		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.62	18.78	18.51	20.5	0
10	QPSK	1	25	18.67	18.69	18.71		
10	QPSK	1	49	18.73	18.70	18.64		
10	QPSK	25	0	18.71	18.75	18.72	20.5	0
10	QPSK	25	12	18.54	18.68	18.62		
10	QPSK	25	25	18.51	18.65	18.64		
10	QPSK	50	0	18.67	18.70	18.68		
10	16QAM	1	0	18.53	18.75	18.50	20.5	0
10	16QAM	1	25	18.53	18.68	18.69		
10	16QAM	1	49	18.68	18.60	18.60		
10	16QAM	25	0	18.71	18.62	18.60	20.5	0
10	16QAM	25	12	18.62	18.67	18.62		
10	16QAM	25	25	18.62	18.59	18.59		
10	16QAM	50	0	18.53	18.59	18.60		
10	64QAM	1	0	18.60	18.72	18.62	20.5	0
10	64QAM	1	25	18.59	18.66	18.68		
10	64QAM	1	49	18.68	18.65	18.68		
10	64QAM	25	0	18.63	18.72	18.63	20.5	0
10	64QAM	25	12	18.53	18.65	18.64		
10	64QAM	25	25	18.51	18.66	18.60		
10	64QAM	50	0	18.50	18.64	18.59		
10	256QAM	1	0	16.64	16.83	16.51	18.5	2
10	256QAM	1	25	16.62	16.82	16.76		
10	256QAM	1	49	16.61	16.67	16.65		
10	256QAM	25	0	16.71	16.71	16.70	18.5	2
10	256QAM	25	12	16.66	16.77	16.59		
10	256QAM	25	25	16.52	16.64	16.63		
10	256QAM	50	0	16.63	16.70	16.67		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.61	18.78	18.62	20.5	0
5	QPSK	1	12	18.66	18.72	18.73		
5	QPSK	1	24	18.70	18.71	18.70		
5	QPSK	12	0	18.73	18.79	18.65	20.5	0
5	QPSK	12	7	18.61	18.70	18.61		
5	QPSK	12	13	18.51	18.69	18.69		
5	QPSK	25	0	18.67	18.68	18.74		
5	16QAM	1	0	18.55	18.73	18.51	20.5	0
5	16QAM	1	12	18.58	18.64	18.69		
5	16QAM	1	24	18.62	18.55	18.54		
5	16QAM	12	0	18.62	18.68	18.54	20.5	0
5	16QAM	12	7	18.53	18.71	18.55		
5	16QAM	12	13	18.50	18.66	18.63		
5	16QAM	25	0	18.56	18.62	18.61		
5	64QAM	1	0	18.61	18.75	18.62	20.5	0
5	64QAM	1	12	18.58	18.65	18.65		
5	64QAM	1	24	18.61	18.63	18.68		
5	64QAM	12	0	18.59	18.67	18.66	20.5	0
5	64QAM	12	7	18.55	18.66	18.58		
5	64QAM	12	13	18.51	18.62	18.59		
5	64QAM	25	0	18.58	18.71	18.60		
5	256QAM	1	0	16.56	16.87	16.66	18.5	2
5	256QAM	1	12	16.56	16.75	16.73		
5	256QAM	1	24	16.69	16.60	16.67		
5	256QAM	12	0	16.72	16.69	16.66	18.5	2
5	256QAM	12	7	16.66	16.74	16.61		
5	256QAM	12	13	16.59	16.66	16.67		
5	256QAM	25	0	16.68	16.65	16.67		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.05	22.19	22.01	22.15	23.8	0
20	QPSK	1	49	22.09	22.17	22.12	22.15		
20	QPSK	1	99	22.09	22.15	22.09	22.10		
20	QPSK	50	0	21.13	21.31	21.12	21.16	22.8	1
20	QPSK	50	24	21.08	21.23	21.11	21.12		
20	QPSK	50	50	21.08	21.16	21.07	21.12		
20	QPSK	100	0	21.00	21.07	20.97	20.97		
20	16QAM	1	0	21.04	21.12	21.08	21.06	22.8	1
20	16QAM	1	49	21.11	21.14	21.03	21.08		
20	16QAM	1	99	21.17	21.19	21.17	21.17		
20	16QAM	50	0	20.14	20.22	20.16	20.16	21.8	2
20	16QAM	50	24	20.12	20.16	20.05	20.15		
20	16QAM	50	50	20.19	20.23	20.17	20.13		
20	16QAM	100	0	20.17	20.18	20.13	20.10		
20	64QAM	1	0	20.08	20.18	20.10	20.15	21.8	2
20	64QAM	1	49	20.22	20.24	20.14	20.20		
20	64QAM	1	99	20.18	20.21	20.14	20.14		
20	64QAM	50	0	19.18	19.24	19.15	19.14	20.8	3
20	64QAM	50	24	19.08	19.17	19.13	19.10		
20	64QAM	50	50	19.12	19.17	19.09	19.06		
20	64QAM	100	0	19.09	19.18	19.14	19.12		
20	256QAM	1	0	17.17	17.23	17.17	17.14	18.8	5
20	256QAM	1	49	17.16	17.21	17.11	17.12		
20	256QAM	1	99	17.14	17.22	17.12	17.11		
20	256QAM	50	0	17.15	17.18	17.09	17.11	18.8	5
20	256QAM	50	24	17.18	17.20	17.19	17.19		
20	256QAM	50	50	17.10	17.15	17.06	17.13		
20	256QAM	100	0	17.10	17.16	17.12	17.13		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.97	22.12	21.93	22.10	23.8	0
15	QPSK	1	37	22.00	22.06	22.03	22.12		
15	QPSK	1	74	22.02	22.09	22.05	22.04		
15	QPSK	36	0	21.03	21.12	21.06	21.12	22.8	1
15	QPSK	36	20	21.07	21.13	21.06	21.04		
15	QPSK	36	39	20.98	21.05	21.03	21.07		
15	QPSK	75	0	20.99	21.00	20.91	20.89		
15	16QAM	1	0	20.97	21.03	21.01	21.00	22.8	1
15	16QAM	1	37	21.06	21.03	20.93	20.98		
15	16QAM	1	74	21.15	21.11	21.06	21.14		
15	16QAM	36	0	20.05	20.20	20.10	20.10	21.8	2
15	16QAM	36	20	20.09	20.14	19.95	20.07		
15	16QAM	36	39	20.09	20.21	20.12	20.06		
15	16QAM	75	0	20.06	20.16	20.10	20.05		
15	64QAM	1	0	20.01	20.08	20.08	20.10	21.8	2
15	64QAM	1	37	20.12	20.18	20.09	20.15		
15	64QAM	1	74	20.11	20.19	20.12	20.05		
15	64QAM	36	0	19.11	19.17	19.11	19.10	20.8	3
15	64QAM	36	20	19.02	19.11	19.10	19.03		
15	64QAM	36	39	19.02	19.08	19.06	19.04		
15	64QAM	75	0	18.99	19.13	19.12	19.04		
15	256QAM	1	0	17.16	17.17	17.09	17.07	18.8	5
15	256QAM	1	37	17.09	17.13	17.08	17.02		
15	256QAM	1	74	17.04	17.16	17.02	17.08		
15	256QAM	36	0	17.12	17.11	16.98	17.04	18.8	5
15	256QAM	36	20	17.09	17.13	17.16	17.15		
15	256QAM	36	39	17.07	17.05	17.03	17.05		
15	256QAM	75	0	17.07	17.13	17.05	17.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.99	22.15	21.95	22.11	23.8	0
10	QPSK	1	25	22.05	22.11	22.10	22.10		
10	QPSK	1	49	22.05	22.12	22.02	22.04		
10	QPSK	25	0	21.03	21.14	21.05	21.08	22.8	1
10	QPSK	25	12	21.06	21.11	21.08	21.08		
10	QPSK	25	25	20.99	21.14	20.96	21.03		
10	QPSK	50	0	20.98	20.96	20.94	20.96		
10	16QAM	1	0	21.01	21.04	20.97	20.96	22.8	1
10	16QAM	1	25	21.01	21.05	20.94	20.98		
10	16QAM	1	49	21.14	21.16	21.09	21.07		
10	16QAM	25	0	20.04	20.16	20.08	20.13	21.8	2
10	16QAM	25	12	20.04	20.05	19.96	20.06		
10	16QAM	25	25	20.12	20.21	20.09	20.08		
10	16QAM	50	0	20.15	20.13	20.02	20.00		
10	64QAM	1	0	20.01	20.13	20.08	20.14	21.8	2
10	64QAM	1	25	20.18	20.15	20.08	20.09		
10	64QAM	1	49	20.08	20.12	20.06	20.10		
10	64QAM	25	0	19.07	19.22	19.13	19.06	20.8	3
10	64QAM	25	12	19.03	19.06	19.09	19.00		
10	64QAM	25	25	19.11	19.06	19.03	18.98		
10	64QAM	50	0	19.04	19.12	19.05	19.11		
10	256QAM	1	0	17.10	17.17	17.12	17.06	18.8	5
10	256QAM	1	25	17.07	17.16	17.08	17.11		
10	256QAM	1	49	17.10	17.21	17.07	17.05		
10	256QAM	25	0	17.08	17.14	17.03	17.04	18.8	5
10	256QAM	25	12	17.17	17.10	17.12	17.16		
10	256QAM	25	25	17.02	17.04	17.01	17.06		
10	256QAM	50	0	17.01	17.06	17.09	17.09		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.98	22.10	21.91	22.12	23.8	0
5	QPSK	1	12	22.06	22.15	22.09	22.10		
5	QPSK	1	24	22.07	22.06	22.06	22.05		
5	QPSK	12	0	21.03	21.15	21.06	21.08	22.8	1
5	QPSK	12	7	20.98	21.13	21.00	21.04		
5	QPSK	12	13	20.97	21.13	20.99	21.01		
5	QPSK	25	0	20.93	21.01	20.95	20.88		
5	16QAM	1	0	20.94	21.03	20.99	20.99	22.8	1
5	16QAM	1	12	21.01	21.09	20.95	21.06		
5	16QAM	1	24	21.13	21.14	21.11	21.07		
5	16QAM	12	0	20.03	20.18	20.08	20.10	21.8	2
5	16QAM	12	7	20.03	20.06	19.99	20.11		
5	16QAM	12	13	20.08	20.18	20.15	20.03		
5	16QAM	25	0	20.09	20.08	20.10	20.00		
5	64QAM	1	0	20.02	20.13	20.06	20.07	21.8	2
5	64QAM	1	12	20.20	20.21	20.08	20.10		
5	64QAM	1	24	20.10	20.11	20.04	20.08		
5	64QAM	12	0	19.12	19.21	19.07	19.08	20.8	3
5	64QAM	12	7	19.02	19.11	19.04	19.03		
5	64QAM	12	13	19.10	19.08	19.06	19.02		
5	64QAM	25	0	19.07	19.08	19.08	19.03		
5	256QAM	1	0	17.12	17.13	17.07	17.09	18.8	5
5	256QAM	1	12	17.09	17.18	17.08	17.08		
5	256QAM	1	24	17.10	17.18	17.07	17.08		
5	256QAM	12	0	17.06	17.09	17.07	17.01	18.8	5
5	256QAM	12	7	17.09	17.15	17.11	17.09		
5	256QAM	12	13	17.03	17.09	17.02	17.10		
5	256QAM	25	0	17.06	17.11	17.11	17.03		

	GSM1900 Ant5 DSI4							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.02	26.20	26.32	27.50	17.02	17.20	17.32	18.50
GPRS 1 Tx slot	26.24	26.28	26.18	27.50	17.24	17.28	17.18	18.50
GPRS 2 Tx slots	23.03	23.15	23.00	24.50	17.03	17.15	17.00	18.50
GPRS 3 Tx slots	21.09	21.11	21.13	22.70	16.83	16.85	16.87	18.44
GPRS 4 Tx slots	19.58	19.65	19.61	21.50	16.58	16.65	16.61	18.50
EDGE 1 Tx slot	24.35	24.39	24.35	25.50	15.35	15.39	15.35	16.50
EDGE 2 Tx slots	21.93	22.01	21.99	22.50	15.93	16.01	15.99	16.50
EDGE 3 Tx slots	20.19	20.27	20.19	20.70	15.93	16.01	15.93	16.44
EDGE 4 Tx slots	18.75	18.83	18.77	19.50	15.75	15.83	15.77	16.50

		WCDMA II Ant5 DSI4				WCDMA IV Ant5 DSI4			
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	17.50	17.60	17.38	18.50	17.52	17.60	17.40	18.50
3GPP Rel 99	RMC 12.2Kbps	17.58	17.64	17.46	18.50	17.61	17.66	17.52	18.50
3GPP Rel 6	HSDPA Subtest-1	16.33	16.72	16.39	17.50	16.41	16.80	16.56	17.50
3GPP Rel 6	HSDPA Subtest-2	16.42	16.52	16.55	17.50	16.52	16.68	16.69	17.50
3GPP Rel 6	HSDPA Subtest-3	15.95	16.20	15.97	17.00	16.02	16.32	15.98	17.00
3GPP Rel 6	HSDPA Subtest-4	15.93	15.98	15.91	17.00	15.97	16.01	16.08	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.39	16.45	16.23	17.50	16.53	16.57	16.33	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.26	16.47	16.54	17.50	16.30	16.52	16.61	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.06	16.09	16.08	17.00	16.14	16.18	16.22	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.06	15.95	15.88	17.00	16.09	16.04	16.11	17.00
3GPP Rel 6	HSUPA Subtest-1	16.48	16.54	16.55	17.50	16.57	16.60	16.65	17.50
3GPP Rel 6	HSUPA Subtest-2	14.44	14.48	14.56	15.50	14.56	14.59	14.62	15.50
3GPP Rel 6	HSUPA Subtest-3	15.42	15.53	15.53	16.50	15.45	15.61	15.68	16.50
3GPP Rel 6	HSUPA Subtest-4	14.23	14.58	14.32	15.50	14.39	14.70	14.46	15.50
3GPP Rel 6	HSUPA Subtest-5	16.15	16.66	16.42	17.50	16.36	16.75	16.51	17.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.86	13.93	13.78	15.00	13.93	14.03	13.92	15.00

Band 2 Ant5 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.34	17.63	17.37		
20	QPSK	1	49	17.26	17.42	17.37		
20	QPSK	1	99	17.44	17.57	17.42		
20	QPSK	50	0	17.35	17.56	17.43		
20	QPSK	50	24	17.39	17.52	17.38		
20	QPSK	50	50	17.40	17.51	17.33		
20	QPSK	100	0	17.34	17.49	17.46		
20	16QAM	1	0	17.32	17.55	17.32		
20	16QAM	1	49	17.22	17.40	17.26		
20	16QAM	1	99	17.34	17.51	17.35		
20	16QAM	50	0	17.28	17.54	17.39		
20	16QAM	50	24	17.28	17.43	17.34		
20	16QAM	50	50	17.34	17.47	17.28		
20	16QAM	100	0	17.32	17.47	17.36		
20	64QAM	1	0	17.33	17.57	17.27		
20	64QAM	1	49	17.23	17.32	17.32	18.5	0
20	64QAM	1	99	17.42	17.54	17.37		
20	64QAM	50	0	17.27	17.52	17.34		
20	64QAM	50	24	17.29	17.44	17.37		
20	64QAM	50	50	17.33	17.45	17.24		
20	64QAM	100	0	17.32	17.39	17.45		
20	256QAM	1	0	17.26	17.53	17.33		
20	256QAM	1	49	17.20	17.32	17.30		
20	256QAM	1	99	17.33	17.49	17.32		
20	256QAM	50	0	17.34	17.49	17.39		
20	256QAM	50	24	17.38	17.45	17.31		
20	256QAM	50	50	17.31	17.46	17.26		
20	256QAM	100	0	17.30	17.42	17.40		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.32	17.62	17.26		
15	QPSK	1	37	17.24	17.31	17.29	18.5	0
15	QPSK	1	74	17.35	17.48	17.39		
15	QPSK	36	0	17.25	17.52	17.38		
15	QPSK	36	20	17.32	17.43	17.29	18.5	0
15	QPSK	36	39	17.37	17.50	17.28		
15	QPSK	75	0	17.33	17.44	17.41		
15	16QAM	1	0	17.26	17.53	17.29		
15	16QAM	1	37	17.13	17.32	17.15	18.5	0
15	16QAM	1	74	17.26	17.43	17.26		
15	16QAM	36	0	17.20	17.44	17.30		
15	16QAM	36	20	17.26	17.38	17.24	18.5	0
15	16QAM	36	39	17.25	17.46	17.17		
15	16QAM	75	0	17.23	17.46	17.33		
15	64QAM	1	0	17.25	17.52	17.24		
15	64QAM	1	37	17.18	17.27	17.26	18.5	0
15	64QAM	1	74	17.33	17.53	17.27		
15	64QAM	36	0	17.17	17.47	17.30		
15	64QAM	36	20	17.26	17.39	17.28	18.5	0
15	64QAM	36	39	17.31	17.36	17.19		
15	64QAM	75	0	17.30	17.30	17.40		
15	256QAM	1	0	17.15	17.49	17.25		
15	256QAM	1	37	17.13	17.29	17.23	18.5	0
15	256QAM	1	74	17.28	17.44	17.28		
15	256QAM	36	0	17.24	17.42	17.28		
15	256QAM	36	20	17.34	17.37	17.27	18.5	0
15	256QAM	36	39	17.28	17.40	17.19		
15	256QAM	75	0	17.22	17.37	17.37		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.28	17.61	17.35		
10	QPSK	1	25	17.19	17.33	17.26	18.5	0
10	QPSK	1	49	17.33	17.51	17.41		
10	QPSK	25	0	17.24	17.50	17.32		
10	QPSK	25	12	17.33	17.42	17.32	18.5	0
10	QPSK	25	25	17.33	17.44	17.24		
10	QPSK	50	0	17.31	17.42	17.44		
10	16QAM	1	0	17.23	17.52	17.29		
10	16QAM	1	25	17.16	17.32	17.16	18.5	0
10	16QAM	1	49	17.26	17.47	17.27		
10	16QAM	25	0	17.19	17.45	17.31		
10	16QAM	25	12	17.24	17.34	17.30	18.5	0
10	16QAM	25	25	17.32	17.41	17.26		
10	16QAM	50	0	17.22	17.46	17.31		
10	64QAM	1	0	17.23	17.47	17.21		
10	64QAM	1	25	17.19	17.31	17.23	18.5	0
10	64QAM	1	49	17.32	17.45	17.27		
10	64QAM	25	0	17.21	17.43	17.32		
10	64QAM	25	12	17.20	17.39	17.34	18.5	0
10	64QAM	25	25	17.29	17.39	17.19		
10	64QAM	50	0	17.22	17.31	17.43		
10	256QAM	1	0	17.23	17.42	17.31		
10	256QAM	1	25	17.18	17.24	17.23	18.5	0
10	256QAM	1	49	17.27	17.41	17.27		
10	256QAM	25	0	17.25	17.44	17.30		
10	256QAM	25	12	17.36	17.41	17.24	18.5	0
10	256QAM	25	25	17.24	17.42	17.16		
10	256QAM	50	0	17.23	17.31	17.38		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.26	17.52	17.32		
5	QPSK	1	12	17.15	17.33	17.35	18.5	0
5	QPSK	1	24	17.34	17.47	17.39		
5	QPSK	12	0	17.28	17.48	17.35		
5	QPSK	12	7	17.30	17.42	17.28	18.5	0
5	QPSK	12	13	17.37	17.44	17.28		
5	QPSK	25	0	17.24	17.45	17.40		
5	16QAM	1	0	17.24	17.49	17.29		
5	16QAM	1	12	17.19	17.37	17.21	18.5	0
5	16QAM	1	24	17.29	17.48	17.34		
5	16QAM	12	0	17.25	17.48	17.31		
5	16QAM	12	7	17.25	17.32	17.25	18.5	0
5	16QAM	12	13	17.24	17.40	17.27		
5	16QAM	25	0	17.30	17.38	17.30		
5	64QAM	1	0	17.23	17.51	17.23		
5	64QAM	1	12	17.14	17.29	17.29	18.5	0
5	64QAM	1	24	17.35	17.51	17.28		
5	64QAM	12	0	17.20	17.45	17.27		
5	64QAM	12	7	17.24	17.36	17.27	18.5	0
5	64QAM	12	13	17.26	17.37	17.16		
5	64QAM	25	0	17.29	17.36	17.44		
5	256QAM	1	0	17.20	17.51	17.31		
5	256QAM	1	12	17.13	17.22	17.28	18.5	0
5	256QAM	1	24	17.32	17.48	17.23		
5	256QAM	12	0	17.24	17.43	17.36		
5	256QAM	12	7	17.28	17.40	17.29	18.5	0
5	256QAM	12	13	17.23	17.42	17.22		
5	256QAM	25	0	17.24	17.38	17.32		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.23	17.56	17.34		
3	QPSK	1	8	17.19	17.40	17.30	18.5	0
3	QPSK	1	14	17.39	17.51	17.38		
3	QPSK	8	0	17.33	17.48	17.36		
3	QPSK	8	4	17.38	17.44	17.29	18.5	0
3	QPSK	8	7	17.31	17.40	17.29		
3	QPSK	15	0	17.25	17.39	17.39		
3	16QAM	1	0	17.26	17.51	17.22		
3	16QAM	1	8	17.16	17.39	17.20	18.5	0
3	16QAM	1	14	17.31	17.47	17.33		
3	16QAM	8	0	17.22	17.47	17.37		
3	16QAM	8	4	17.23	17.37	17.31	18.5	0
3	16QAM	8	7	17.24	17.39	17.22		
3	16QAM	15	0	17.22	17.41	17.29		
3	64QAM	1	0	17.31	17.54	17.19		
3	64QAM	1	8	17.17	17.27	17.29	18.5	0
3	64QAM	1	14	17.39	17.43	17.27		
3	64QAM	8	0	17.24	17.43	17.28		
3	64QAM	8	4	17.21	17.37	17.35	18.5	0
3	64QAM	8	7	17.25	17.39	17.18		
3	64QAM	15	0	17.24	17.37	17.42		
3	256QAM	1	0	17.15	17.45	17.25		
3	256QAM	1	8	17.19	17.24	17.29	18.5	0
3	256QAM	1	14	17.23	17.39	17.23		
3	256QAM	8	0	17.23	17.40	17.36		
3	256QAM	8	4	17.35	17.35	17.29	18.5	0
3	256QAM	8	7	17.23	17.40	17.20		
3	256QAM	15	0	17.20	17.33	17.35		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.32	17.61	17.29		
1.4	QPSK	1	3	17.22	17.41	17.34	18.5	0
1.4	QPSK	1	5	17.42	17.51	17.37		
1.4	QPSK	3	0	17.27	17.47	17.36		
1.4	QPSK	3	1	17.33	17.49	17.27		
1.4	QPSK	3	3	17.34	17.41	17.28		
1.4	QPSK	6	0	17.26	17.42	17.38	18.5	0
1.4	16QAM	1	0	17.22	17.47	17.25		
1.4	16QAM	1	3	17.13	17.39	17.20		
1.4	16QAM	1	5	17.32	17.50	17.32	18.5	0
1.4	16QAM	3	0	17.23	17.45	17.36		
1.4	16QAM	3	1	17.23	17.37	17.31		
1.4	16QAM	3	3	17.28	17.41	17.17		
1.4	16QAM	6	0	17.30	17.46	17.30	18.5	0
1.4	64QAM	1	0	17.26	17.50	17.26		
1.4	64QAM	1	3	17.21	17.22	17.31		
1.4	64QAM	1	5	17.32	17.46	17.27	18.5	0
1.4	64QAM	3	0	17.20	17.46	17.32		
1.4	64QAM	3	1	17.26	17.35	17.31		
1.4	64QAM	3	3	17.23	17.38	17.16		
1.4	64QAM	6	0	17.23	17.35	17.38	18.5	0
1.4	256QAM	1	0	17.21	17.47	17.31		
1.4	256QAM	1	3	17.17	17.28	17.29		
1.4	256QAM	1	5	17.28	17.45	17.27	18.5	0
1.4	256QAM	3	0	17.33	17.47	17.33		
1.4	256QAM	3	1	17.28	17.38	17.30		
1.4	256QAM	3	3	17.27	17.44	17.17		
1.4	256QAM	6	0	17.27	17.32	17.32	18.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.68	16.89	16.66		
20	QPSK	1	49	16.65	16.81	16.80	17.7	0
20	QPSK	1	99	16.61	16.72	16.68		
20	QPSK	50	0	16.58	16.79	16.72		
20	QPSK	50	24	16.60	16.77	16.74		
20	QPSK	50	50	16.61	16.72	16.75	17.7	0
20	QPSK	100	0	16.57	16.72	16.74		
20	16QAM	1	0	16.60	16.88	16.57		
20	16QAM	1	49	16.59	16.79	16.73	17.7	0
20	16QAM	1	99	16.55	16.81	16.64		
20	16QAM	50	0	16.51	16.72	16.67		
20	16QAM	50	24	16.52	16.76	16.72	17.7	0
20	16QAM	50	50	16.53	16.67	16.70		
20	16QAM	100	0	16.49	16.74	16.65		
20	64QAM	1	0	16.53	16.86	16.61		
20	64QAM	1	49	16.55	16.71	16.78	17.7	0
20	64QAM	1	99	16.54	16.72	16.61		
20	64QAM	50	0	16.57	16.77	16.65		
20	64QAM	50	24	16.55	16.74	16.63	17.7	0
20	64QAM	50	50	16.53	16.63	16.64		
20	64QAM	100	0	16.46	16.75	16.71		
20	256QAM	1	0	16.59	16.85	16.63		
20	256QAM	1	49	16.49	16.60	16.72	17.7	0
20	256QAM	1	99	16.57	16.79	16.60		
20	256QAM	50	0	16.53	16.78	16.61		
20	256QAM	50	24	16.50	16.68	16.70	17.7	0
20	256QAM	50	50	16.55	16.74	16.68		
20	256QAM	100	0	16.47	16.78	16.66		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.65	16.88	16.62		
15	QPSK	1	37	16.62	16.78	16.72	17.7	0
15	QPSK	1	74	16.51	16.80	16.67		
15	QPSK	36	0	16.55	16.77	16.71		
15	QPSK	36	20	16.49	16.73	16.70	17.7	0
15	QPSK	36	39	16.55	16.66	16.66		
15	QPSK	75	0	16.47	16.78	16.65		
15	16QAM	1	0	16.55	16.80	16.49		
15	16QAM	1	37	16.57	16.71	16.67	17.7	0
15	16QAM	1	74	16.53	16.74	16.55		
15	16QAM	36	0	16.48	16.67	16.64		
15	16QAM	36	20	16.48	16.70	16.65	17.7	0
15	16QAM	36	39	16.49	16.61	16.62		
15	16QAM	75	0	16.49	16.67	16.55		
15	64QAM	1	0	16.50	16.83	16.51		
15	64QAM	1	37	16.46	16.61	16.75	17.7	0
15	64QAM	1	74	16.53	16.65	16.51		
15	64QAM	36	0	16.53	16.70	16.56		
15	64QAM	36	20	16.48	16.53	16.53	17.7	0
15	64QAM	36	39	16.44	16.60	16.59		
15	64QAM	75	0	16.41	16.67	16.64		
15	256QAM	1	0	16.50	16.77	16.58		
15	256QAM	1	37	16.53	16.67	16.77	17.7	0
15	256QAM	1	74	16.54	16.75	16.50		
15	256QAM	36	0	16.51	16.67	16.59		
15	256QAM	36	20	16.46	16.65	16.61	17.7	0
15	256QAM	36	39	16.48	16.66	16.66		
15	256QAM	75	0	16.38	16.73	16.56		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.67	16.87	16.64		
10	QPSK	1	25	16.55	16.76	16.74	17.7	0
10	QPSK	1	49	16.57	16.81	16.63		
10	QPSK	25	0	16.55	16.72	16.71		
10	QPSK	25	12	16.51	16.68	16.69	17.7	0
10	QPSK	25	25	16.53	16.67	16.70		
10	QPSK	50	0	16.51	16.78	16.67		
10	16QAM	1	0	16.55	16.80	16.49		
10	16QAM	1	25	16.52	16.75	16.65	17.7	0
10	16QAM	1	49	16.51	16.62	16.64		
10	16QAM	25	0	16.42	16.64	16.58		
10	16QAM	25	12	16.42	16.75	16.64	17.7	0
10	16QAM	25	25	16.42	16.62	16.64		
10	16QAM	50	0	16.44	16.64	16.63		
10	64QAM	1	0	16.53	16.83	16.51		
10	64QAM	1	25	16.46	16.60	16.74	17.7	0
10	64QAM	1	49	16.45	16.70	16.58		
10	64QAM	25	0	16.51	16.73	16.56		
10	64QAM	25	12	16.53	16.68	16.61	17.7	0
10	64QAM	25	25	16.44	16.59	16.61		
10	64QAM	50	0	16.38	16.67	16.64		
10	256QAM	1	0	16.52	16.77	16.61		
10	256QAM	1	25	16.55	16.64	16.62	17.7	0
10	256QAM	1	49	16.47	16.70	16.49		
10	256QAM	25	0	16.47	16.68	16.56		
10	256QAM	25	12	16.46	16.66	16.65	17.7	0
10	256QAM	25	25	16.52	16.57	16.61		
10	256QAM	50	0	16.42	16.76	16.62		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.66	16.87	16.58		
5	QPSK	1	12	16.54	16.76	16.71	17.7	0
5	QPSK	1	24	16.56	16.74	16.61		
5	QPSK	12	0	16.50	16.74	16.66		
5	QPSK	12	7	16.55	16.72	16.71	17.7	0
5	QPSK	12	13	16.55	16.70	16.72		
5	QPSK	25	0	16.53	16.75	16.65		
5	16QAM	1	0	16.53	16.84	16.50		
5	16QAM	1	12	16.52	16.71	16.63	17.7	0
5	16QAM	1	24	16.52	16.78	16.60		
5	16QAM	12	0	16.41	16.67	16.60		
5	16QAM	12	7	16.51	16.67	16.64	17.7	0
5	16QAM	12	13	16.51	16.67	16.64		
5	16QAM	25	0	16.45	16.66	16.55		
5	64QAM	1	0	16.50	16.80	16.56		
5	64QAM	1	12	16.46	16.60	16.75	17.7	0
5	64QAM	1	24	16.57	16.73	16.57		
5	64QAM	12	0	16.50	16.70	16.60		
5	64QAM	12	7	16.53	16.68	16.55	17.7	0
5	64QAM	12	13	16.46	16.59	16.62		
5	64QAM	25	0	16.47	16.67	16.68		
5	256QAM	1	0	16.55	16.78	16.61		
5	256QAM	1	12	16.58	16.66	16.63	17.7	0
5	256QAM	1	24	16.54	16.72	16.58		
5	256QAM	12	0	16.47	16.71	16.51		
5	256QAM	12	7	16.46	16.60	16.65	17.7	0
5	256QAM	12	13	16.52	16.61	16.66		
5	256QAM	25	0	16.40	16.77	16.65		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.63	16.81	16.59		
3	QPSK	1	8	16.54	16.70	16.73	17.7	0
3	QPSK	1	14	16.51	16.76	16.66		
3	QPSK	8	0	16.51	16.76	16.65		
3	QPSK	8	4	16.50	16.74	16.64	17.7	0
3	QPSK	8	7	16.54	16.70	16.66		
3	QPSK	15	0	16.54	16.80	16.72		
3	16QAM	1	0	16.54	16.78	16.54		
3	16QAM	1	8	16.55	16.70	16.70	17.7	0
3	16QAM	1	14	16.53	16.79	16.62		
3	16QAM	8	0	16.44	16.69	16.63		
3	16QAM	8	4	16.47	16.68	16.68	17.7	0
3	16QAM	8	7	16.48	16.58	16.64		
3	16QAM	15	0	16.40	16.64	16.55		
3	64QAM	1	0	16.54	16.81	16.53		
3	64QAM	1	8	16.53	16.67	16.67	17.7	0
3	64QAM	1	14	16.53	16.64	16.54		
3	64QAM	8	0	16.54	16.70	16.60		
3	64QAM	8	4	16.48	16.65	16.54	17.7	0
3	64QAM	8	7	16.50	16.60	16.58		
3	64QAM	15	0	16.35	16.74	16.60		
3	256QAM	1	0	16.56	16.80	16.56		
3	256QAM	1	8	16.49	16.65	16.64	17.7	0
3	256QAM	1	14	16.47	16.68	16.58		
3	256QAM	8	0	16.50	16.69	16.57		
3	256QAM	8	4	16.42	16.67	16.65	17.7	0
3	256QAM	8	7	16.45	16.55	16.60		
3	256QAM	15	0	16.40	16.68	16.63		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.63	16.81	16.59		
1.4	QPSK	1	3	16.54	16.70	16.73	17.7	0
1.4	QPSK	1	5	16.51	16.76	16.66		
1.4	QPSK	3	0	16.51	16.76	16.65		
1.4	QPSK	3	1	16.50	16.74	16.64		
1.4	QPSK	3	3	16.54	16.70	16.66		
1.4	QPSK	6	0	16.54	16.80	16.72	17.7	0
1.4	16QAM	1	0	16.57	16.78	16.54		
1.4	16QAM	1	3	16.55	16.70	16.70		
1.4	16QAM	1	5	16.53	16.79	16.62	17.7	0
1.4	16QAM	3	0	16.44	16.69	16.63		
1.4	16QAM	3	1	16.47	16.68	16.68		
1.4	16QAM	3	3	16.48	16.58	16.64		
1.4	16QAM	6	0	16.40	16.64	16.55	17.7	0
1.4	64QAM	1	0	16.54	16.81	16.53		
1.4	64QAM	1	3	16.53	16.63	16.67	17.7	0
1.4	64QAM	1	5	16.53	16.64	16.54		
1.4	64QAM	3	0	16.54	16.70	16.60		
1.4	64QAM	3	1	16.48	16.65	16.54	17.7	0
1.4	64QAM	3	3	16.50	16.58	16.58		
1.4	64QAM	6	0	16.35	16.74	16.60	17.7	0
1.4	256QAM	1	0	16.56	16.80	16.56		
1.4	256QAM	1	3	16.49	16.65	16.64		
1.4	256QAM	1	5	16.50	16.77	16.58	17.7	0
1.4	256QAM	3	0	16.50	16.69	16.57		
1.4	256QAM	3	1	16.42	16.67	16.65		
1.4	256QAM	3	3	16.45	16.55	16.60		
1.4	256QAM	6	0	16.40	16.68	16.63	17.7	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	16.42	16.59	16.38		
20	QPSK	1	49	16.36	16.53	16.33	17.2	0
20	QPSK	1	99	16.21	16.40	16.29		
20	QPSK	50	0	16.29	16.49	16.32		
20	QPSK	50	24	16.29	16.32	16.37	17.2	0
20	QPSK	50	50	16.43	16.48	16.27		
20	QPSK	100	0	16.31	16.39	16.36		
20	16QAM	1	0	16.35	16.56	16.35		
20	16QAM	1	49	16.27	16.50	16.28	17.2	0
20	16QAM	1	99	16.21	16.50	16.20		
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	2596	2610		
20	QPSK	1	0	18.27	18.33	18.25	18.7	0
20	QPSK	1	49	18.14	18.28	18.14		
20	QPSK	1	99	18.19	18.28	18.20		
20	QPSK	50	0	18.14	18.29	18.20		
20	QPSK	50	24	18.16	18.28	18.14		
20	QPSK	50	50	18.13	18.17	18.11		
20	QPSK	100	0	18.18	18.24	18.23		
20	16QAM	1	0	18.25	18.32	18.20	18.7	0
20	16QAM	1	49	18.08	18.21	18.11		
20	16QAM	1	99	18.17	18.19	18.11		
20	16QAM	50	0	18.11	18.27	18.17	18.7	0
20	16QAM	50	24	18.12	18.24	18.08		
20	16QAM	50	50	18.11	18.16	18.09		
20	16QAM	100	0	18.14	18.19	18.17		
20	64QAM	1	0	18.17	18.26	18.19	18.7	0
20	64QAM	1	49	18.08	18.25	18.05		
20	64QAM	1	99	18.10	18.25	18.19		
20	64QAM	50	0	18.09	18.18	18.15	18.7	0
20	64QAM	50	24	18.10	18.26	18.13		
20	64QAM	50	50	18.05	18.11	18.09		
20	64QAM	100	0	18.14	18.15	18.16		
20	256QAM	1	0	18.21	18.31	18.14	18.7	0
20	256QAM	1	49	18.04	18.18	18.06		
20	256QAM	1	99	18.08	18.22	18.11		
20	256QAM	50	0	18.05	18.25	18.13	18.7	0
20	256QAM	50	24	18.10	18.21	18.07		
20	256QAM	50	50	18.10	18.12	18.09		
20	256QAM	100	0	18.12	18.14	18.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	18.17	18.23	18.23	18.7	0
15	QPSK	1	37	18.08	18.20	18.11		
15	QPSK	1	74	18.17	18.26	18.12		
15	QPSK	36	0	18.05	18.19	18.18	18.7	0
15	QPSK	36	20	18.07	18.27	18.09		
15	QPSK	36	39	18.09	18.14	18.04		
15	QPSK	75	0	18.11	18.18	18.18		
15	16QAM	1	0	18.16	18.24	18.15	18.7	0
15	16QAM	1	37	18.05	18.16	18.02		
15	16QAM	1	74	18.11	18.12	18.02		
15	16QAM	36	0	18.04	18.17	18.08	18.7	0
15	16QAM	36	20	18.05	18.22	18.00		
15	16QAM	36	39	18.09	18.10	18.02		
15	16QAM	75	0	18.09	18.12	18.15		
15	64QAM	1	0	18.15	18.21	18.14	18.7	0
15	64QAM	1	37	17.98	18.14	17.97		
15	64QAM	1	74	18.08	18.14	18.14		
15	64QAM	36	0	18.05	18.15	18.13	18.7	0
15	64QAM	36	20	18.06	18.20	18.11		
15	64QAM	36	39	17.96	18.08	18.05		
15	64QAM	75	0	18.09	18.13	18.08		
15	256QAM	1	0	18.13	18.27	18.06	18.7	0
15	256QAM	1	37	17.99	18.12	18.04		
15	256QAM	1	74	18.06	18.12	18.05		
15	256QAM	36	0	17.95	18.17	18.02	18.7	0
15	256QAM	36	20	18.07	18.13	18.01		
15	256QAM	36	39	18.06	18.02	18.02		
15	256QAM	75	0	18.11	18.10	18.12		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	18.18	18.24	18.17	18.7	0
10	QPSK	1	25	18.04	18.22	18.07		
10	QPSK	1	49	18.11	18.19	18.17		
10	QPSK	25	0	18.03	18.22	18.11	18.7	0
10	QPSK	25	12	18.12	18.19	18.05		
10	QPSK	25	25	18.05	18.14	18.06		
10	QPSK	50	0	18.08	18.22	18.12		
10	16QAM	1	0	18.22	18.30	18.13	18.7	0
10	16QAM	1	25	18.00	18.16	18.09		
10	16QAM	1	49	18.07	18.16	18.04		
10	16QAM	25	0	18.00	18.17	18.08	18.7	0
10	16QAM	25	12	18.08	18.16	18.03		
10	16QAM	25	25	18.08	18.06	17.99		
10	16QAM	50	0	18.07	18.11	18.07		
10	64QAM	1	0	18.13	18.18	18.15	18.7	0
10	64QAM	1	25	18.05	18.17	18.00		
10	64QAM	1	49	18.08	18.23	18.10		
10	64QAM	25	0	17.99	18.08	18.04	18.7	0
10	64QAM	25	12	18.03	18.20	18.06		
10	64QAM	25	25	17.94	18.04	18.02		
10	64QAM	50	0	18.10	18.05	18.08		
10	256QAM	1	0	18.20	18.29	18.05	18.7	0
10	256QAM	1	25	18.01	18.13	18.00		
10	256QAM	1	49	17.99	18.14	18.06		
10	256QAM	25	0	18.04	18.16	18.03	18.7	0
10	256QAM	25	12	18.02	18.16	18.02		
10	256QAM	25	25	18.06	18.10	18.05		
10	256QAM	50	0	18.10	18.05	18.20		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	18.24	18.29	18.21	18.7	0
5	QPSK	1	12	18.03	18.21	18.13		
5	QPSK	1	24	18.16	18.26	18.13		
5	QPSK	12	0	18.07	18.19	18.09	18.7	0
5	QPSK	12	7	18.08	18.18	18.05		
5	QPSK	12	13	18.09	18.07	18.07		
5	QPSK	25	0	18.14	18.21	18.18		
5	16QAM	1	0	18.21	18.30	18.18	18.7	0
5	16QAM	1	12	18.06	18.13	18.09		
5	16QAM	1	24	18.09	18.12	18.05		
5	16QAM	12	0	18.04	18.25	18.09	18.7	0
5	16QAM	12	7	18.10	18.17	18.05		
5	16QAM	12	13	18.01	18.09	18.01		
5	16QAM	25	0	18.05	18.15	18.09		
5	64QAM	1	0	18.15	18.18	18.17	18.7	0
5	64QAM	1	12	17.98	18.14	17.98		
5	64QAM	1	24	17.99	18.19	18.08		
5	64QAM	12	0	18.02	18.12	18.14	18.7	0
5	64QAM	12	7	18.00	18.24	18.10		
5	64QAM	12	13	17.95	18.01	18.06		
5	64QAM	25	0	18.10	18.09	18.12		
5	256QAM	1	0	18.20	18.23	18.11	18.7	0
5	256QAM	1	12	17.95	18.10	18.00		
5	256QAM	1	24	18.05	18.13	18.04		
5	256QAM	12	0	17.97	18.18	18.03	18.7	0
5	256QAM	12	7	18.01	18.19	18.05		
5	256QAM	12	13	18.00	18.06	17.99		
5	256QAM	25	0	18.10	18.08	18.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2598	2640.5	2683	2638.5	2680		
20	QPSK	1	0	18.13	18.07	18.35	18.14	18.11	18.7	0
20	QPSK	1	49	18.15	18.11	18.17	18.15	18.04		
20	QPSK	1	99	18.17	18.12	18.21	18.23	18.11		
20	QPSK	50	0	18.13	18.13	18.26	18.25	18.05		
20	QPSK	50	24	18.06	18.11	18.21	18.20	18.03		
20	QPSK	50	50	18.20	18.06	18.02	18.21	18.10		
20	QPSK	100	0	18.02	18.03	18.26	18.25	18.02		
20	16QAM	1	0	18.10	18.06	18.33	18.04	18.05	18.7	0
20	16QAM	1	49	18.13	18.02	18.11	18.09	17.98		
20	16QAM	1	99	18.08	18.07	18.14	18.18	18.10		
20	16QAM	50	0	18.10	18.03	18.21	18.17	17.95	18.7	0
20	16QAM	50	24	17.99	18.04	18.12	18.17	17.97		
20	16QAM	50	50	18.14	18.00	17.96	18.17	18.05		
20	16QAM	100	0	17.95	17.95	18.16	18.19	17.93		
20	64QAM	1	0	18.05	17.97	18.33	18.07	18.08	18.7	0
20	64QAM	1	49	18.05	18.02	18.06	18.12	18.03		
20	64QAM	1	99	18.12	18.01	18.13	18.14	18.05		
20	64QAM	50	0	18.07	18.07	18.17	18.15	18.00	18.7	0
20	64QAM	50	24	17.96	18.01	18.12	18.09	17.96		
20	64QAM	50	50	18.16	18.00	18.01	18.18	18.07		
20	64QAM	100	0	17.97	17.96	18.16	18.17	17.92		
20	256QAM	1	0	18.07	17.97	18.31	18.04	18.10	18.7	0
20	256QAM	1	49	18.09	18.07	18.06	18.12	17.94		
20	256QAM	1	99	18.10	18.09	18.12	18.18	18.02		
20	256QAM	50	0	18.04	18.02	18.18	18.22	18.03	18.7	0
20	256QAM	50	24	17.96	18.06	18.12	18.11	18.01		
20	256QAM	50	50	18.14	18.03	17.97	18.11	18.01		
20	256QAM	100	0	17.95	18.00	18.22	18.22	17.93		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.5	2548.3	2593	2637.8	2692.5		
15	QPSK	1	0	18.03	18.05	18.33	18.13	18.01	19	0
15	QPSK	1	37	18.05	18.10	18.07	18.11	17.98		
15	QPSK	1	74	18.11	18.02	18.12	18.16	18.02		
15	QPSK	36	0	18.06	18.05	18.16	18.22	17.94	18.7	0
15	QPSK	36	20	17.95	18.10	18.12	18.14	17.99		
15	QPSK	36	39	18.14	17.97	17.99	18.12	18.07		
15	QPSK	75	0	18.01	17.94	18.24	18.22	17.96		
15	16QAM	1	0	18.08	17.96	18.31	17.95	17.98	18.7	0
15	16QAM	1	37	18.09	17.98	18.06	18.06	17.95		
15	16QAM	1	74	17.98	18.05	18.11	18.07	18.02		
15	16QAM	36	0	18.04	17.94	18.11	18.15	17.93	18.7	0
15	16QAM	36	20	17.90	18.00	18.10	18.12	17.94		
15	16QAM	36	39	18.10	17.96	17.89	18.07	17.96		
15	16QAM	75	0	17.92	17.89	18.12	18.14	17.86		
15	64QAM	1	0	17.96	17.88	18.23	18.02	18.05	18.7	0
15	64QAM	1	37	18.02	17.96	18.01	18.08	17.95		
15	64QAM	1	74	18.09	17.96	18.05	18.11	17.95		
15	64QAM	36	0	17.99	17.97	18.06	18.06	17.89	18.7	0
15	64QAM	36	20	17.93	17.94	18.03	18.01	17.87		
15	64QAM	36	39	18.06	17.95	17.92	18.14	18.05		
15	64QAM	75	0	17.91	17.85	18.06	18.08	17.82		
15	256QAM	1	0	18.02	17.89	18.24	17.96	18.07	18.7	0
15	256QAM	1	37	18.00	17.99	18.00	18.05	17.90		
15	256QAM	1	74	18.01	18.03	18.09	18.13	17.92		
15	256QAM	36	0	17.97	17.96	18.07	18.12	17.99	18.7	0
15	256QAM	36	20	17.95	17.96	18.09	18.02	17.96		
15	256QAM	36	39	18.08	17.92	17.90	18.10	17.97		
15	256QAM	75	0	17.89	17.96	18.13	18.13	17.85		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2591	2547	2593	2639	2695		
10	QPSK	1	0	18.03	18.03	18.32	18.09	18.02	19	0
10	QPSK	1	25	18.05	18.02	18.12	18.08	18.01		
10	QPSK	1	49	18.13	18.02	18.13	18.15	18.09		
10	QPSK	25	0	18.05	18.07	18.24	18.21	18.00	18.7	0
10	QPSK	25	12	17.99	18.08	18.16	18.18	18.01		
10	QPSK	25	25	18.13	18.03	18.00	18.14	18.05		
10	QPSK	50	0	17.97	17.96	18.21	18.24	17.95		
10	16QAM	1	0	18.02	17.98	18.27	18.02	17.94	18.7	0
10	16QAM	1	25	18.02	17.96	18.07	18.00	17.94		
10	16QAM	1	49	17.97	18.04	18.12	18.09	18.00		
10	16QAM	25	0	18.00	17.92	18.13	18.12	17.90	18.7	0
10	16QAM	25	12	17.90	18.01	18.06	18.12	17.95		
10	16QAM	25	25	18.10	17.91	17.95	18.12	18.01		
10	16QAM	50	0	17.89	17.90	18.09	18.09	17.87		
10	64QAM	1	0	17.96	17.94	18.27	18.03	18.01	18.7	0
10	64QAM	1	25	17.96	17.99	17.95	18.10	17.96		
10	64QAM	1	49	18.05	17.92	18.12	18.10	17.99		
10	64QAM	25	0	18.04	18.02	18.11	18.11	17.91	18.7	0
10	64QAM	25	12	17.86	18.00	18.01	18.06	17.87		
10	64QAM	25	25	18.09	17.90	17.93	18.12	17.97		
10	64QAM	50	0	17.95	17.93	18.12	18.13	17.87		
10	256QAM	1	0	17.99	17.94	18.22	17.95	18.02	18.7	0
10	256QAM	1	25	18.00	17.97	18.00	18.02	17.91		
10	256QAM	1	49	18.06	18.02	18.02	18.13	17.98		
10	256QAM	25	0	17.97	17.98	18.09	18.16	18.00	18.7	0
10	256QAM	25	12	17.86	17.95	18.03	18.02	17.94		
10	256QAM	25	25	18.12	17.94	17.95	18.09	17.97		
10	256QAM	50	0	17.91	17.92	18.19	18.14	17.83		
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	18.05	17.97	18.27	18.09	18.10	19	0
5	QPSK	1	12	18.06	18.05	18.12	18.06	17.95		
5	QPSK	1	24	18.15	18.11	18.17	18.20	18.03		
5	QPSK	12	0	18.11	18.04	18.19	18.18	17.97	18.7	0
5	QPSK	12	7	18.03	18.03	18.15	18.17	18.00		
5	QPSK	12	13	18.10	18.04	17.96	18.10	18.08		
5	QPSK	25	0	17.97	17.94	18.21	18.19	17.99		
5	16QAM	1	0	18.01	17.98	18.28	17.93	17.98	18.7	0
5	16QAM	1	12	18.03	17.98	18.00	17.99	17.88		
5	16QAM	1	24	18.01	18.02	18.09	18.09	18.09		
5	16QAM	12	0	18.06	17.93	18.19	18.14	17.94	18.7	0
5	16QAM	12	7	17.89	17.99	18.05	18.16	17.95		
5	16QAM	12	13	18.12	17.97	17.93	18.12	17.95		
5	16QAM	25	0	17.88	17.89	18.09	18.13	17.84		
5	64QAM	1	0	17.97	17.86	18.23	17.99	18.06	18.7	0
5	64QAM	1	12	18.04	17.92	17.96	18.02	17.93		
5	64QAM	1	24	18.09	17.98	18.09	18.04	18.02		
5	64QAM	12	0	17.98	17.97	18.08	18.13	17.97	18.7	0
5	64QAM	12	7	17.91	17.95	18.05	18.07	17.93		
5	64QAM	12	13	18.14	17.97	17.91	18.15	17.96		
5	64QAM	25	0	17.92	17.92	18.06	18.12	17.86		
5	256QAM	1	0	17.99	17.89	18.22	18.00	18.04	18.7	0
5	256QAM	1	12	17.99	18.03	18.02	18.11	17.87		
5	256QAM	1	24	18.06	17.98	18.06	18.08	17.99		
5	256QAM	12	0	17.94	17.92	18.16	18.15	17.99	18.7	0
5	256QAM	12	7	17.94	18.03	18.08	18.02	17.93		
5	256QAM	12	13	18.05	17.94	17.87	18.03	17.95		
5	256QAM	25	0	17.88	17.91	18.16	18.11	17.85		

	GSM1900 Ant6 DSI4							
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	28.34	28.54	28.47	29.50	19.34	19.54	19.47	20.50
GPRS 1 Tx slot	28.49	28.42	28.54	29.50	19.49	19.42	19.54	20.50
GPRS 2 Tx slots	25.73	25.76	25.72	26.50	19.73	19.76	19.72	20.50
GPRS 3 Tx slots	23.90	23.83	23.73	24.70	19.64	19.57	19.47	20.44
GPRS 4 Tx slots	22.61	22.75	22.52	23.50	19.61	19.75	19.52	20.50
EDGE 1 Tx slot	24.14	24.19	24.09	25.00	15.14	15.19	15.09	16.00
EDGE 2 Tx slots	21.75	21.82	21.74	22.00	15.75	15.82	15.74	16.00
EDGE 3 Tx slots	19.97	20.06	19.97	20.20	15.71	15.80	15.71	15.94
EDGE 4 Tx slots	18.55	18.61	18.53	19.00	15.55	15.61	15.53	16.00

		WCDMA II Ant6 DSI4				WCDMA IV Ant6 DSI4			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.90	17.03	16.81	18.50	16.61	16.84	16.58	18.50
3GPP Rel 99	RMC 12.2Kbps	16.96	17.09	16.92	18.50	16.69	16.87	16.71	18.50
3GPP Rel 6	HSDPA Subtest-1	16.06	16.18	16.09	17.50	15.72	15.78	15.78	17.50
3GPP Rel 6	HSDPA Subtest-2	15.92	15.95	15.88	17.50	15.54	15.74	15.62	17.50
3GPP Rel 6	HSDPA Subtest-3	15.49	15.60	15.51	17.00	15.24	15.29	15.17	17.00
3GPP Rel 6	HSDPA Subtest-4	15.25	15.25	15.26	17.00	15.15	15.21	15.00	17.00
3GPP Rel 8	DC-HSDPA Subtest-1	15.88	15.90	15.87	17.50	15.65	15.60	15.56	17.50
3GPP Rel 8	DC-HSDPA Subtest-2	15.91	15.91	15.87	17.50	15.62	15.60	15.56	17.50
3GPP Rel 8	DC-HSDPA Subtest-3	15.35	15.38	15.46	17.00	15.03	15.09	15.06	17.00
3GPP Rel 8	DC-HSDPA Subtest-4	15.17	15.32	15.26	17.00	15.15	15.24	15.03	17.00
3GPP Rel 6	HSUPA Subtest-1	15.88	15.83	15.88	17.50	15.57	15.64	15.50	17.50
3GPP Rel 6	HSUPA Subtest-2	13.95	13.90	13.94	15.50	13.62	13.62	13.61	15.50
3GPP Rel 6	HSUPA Subtest-3	14.93	14.93	14.79	16.50	14.60	14.60	14.64	16.50
3GPP Rel 6	HSUPA Subtest-4	13.91	14.01	14.00	15.50	13.68	13.74	13.65	15.50
3GPP Rel 6	HSUPA Subtest-5	15.91	15.93	15.98	17.50	15.57	15.70	15.65	17.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.24	13.34	13.25	15.00	13.02	13.02	12.95	15.00

Band 2 Ant6 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1850	1880	1900		
20	QPSK	1	0	17.76	17.90	17.73		
20	QPSK	1	49	17.83	17.74	17.73	19.5	0
20	QPSK	1	99	17.74	17.84	17.79		
20	QPSK	50	0	17.83	17.86	17.78		
20	QPSK	50	24	17.82	17.85	17.75	19.5	0
20	QPSK	50	50	17.74	17.82	17.71		
20	QPSK	100	0	17.73	17.84	17.78		
20	16QAM	1	0	17.74	17.82	17.71		
20	16QAM	1	49	17.73	17.69	17.71	19.5	0
20	16QAM	1	99	17.68	17.81	17.69		
20	16QAM	50	0	17.76	17.83	17.75		
20	16QAM	50	24	17.71	17.81	17.73	19.5	0
20	16QAM	50	50	17.71	17.77	17.61		
20	16QAM	100	0	17.67	17.80	17.73		
20	64QAM	1	0	17.71	17.83	17.63		
20	64QAM	1	49	17.81	17.65	17.69	19.5	0
20	64QAM	1	99	17.72	17.80	17.68		
20	64QAM	50	0	17.72	17.76	17.75		
20	64QAM	50	24	17.77	17.76	17.72	19.5	0
20	64QAM	50	50	17.72	17.75	17.61		
20	64QAM	100	0	17.63	17.76	17.68		
20	256QAM	1	0	17.74	17.86	17.62		
20	256QAM	1	49	17.73	17.70	17.67	19.5	0
20	256QAM	1	99	17.66	17.81	17.77		
20	256QAM	50	0	17.75	17.80	17.73		
20	256QAM	50	24	17.78	17.83	17.67	19.5	0
20	256QAM	50	50	17.66	17.75	17.64		
20	256QAM	100	0	17.64	17.81	17.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.68	17.89	17.63		
15	QPSK	1	37	17.79	17.67	17.69	19.5	0
15	QPSK	1	74	17.66	17.74	17.77		
15	QPSK	36	0	17.75	17.78	17.68		
15	QPSK	36	20	17.79	17.75	17.67	19.5	0
15	QPSK	36	39	17.68	17.77	17.69		
15	QPSK	75	0	17.63	17.81	17.76		
15	16QAM	1	0	17.73	17.74	17.65		
15	16QAM	1	37	17.66	17.64	17.63	19.5	0
15	16QAM	1	74	17.65	17.76	17.66		
15	16QAM	36	0	17.73	17.74	17.68		
15	16QAM	36	20	17.66	17.78	17.66	19.5	0
15	16QAM	36	39	17.66	17.72	17.52		
15	16QAM	75	0	17.60	17.70	17.65		
15	64QAM	1	0	17.70	17.73	17.61		
15	64QAM	1	37	17.76	17.63	17.67	19.5	0
15	64QAM	1	74	17.61	17.72	17.59		
15	64QAM	36	0	17.64	17.70	17.72		
15	64QAM	36	20	17.70	17.68	17.75	19.5	0
15	64QAM	36	39	17.63	17.69	17.56		
15	64QAM	75	0	17.59	17.67	17.59		
15	256QAM	1	0	17.69	17.78	17.55		
15	256QAM	1	37	17.62	17.67	17.58	19.5	0
15	256QAM	1	74	17.63	17.75	17.75		
15	256QAM	36	0	17.74	17.75	17.66		
15	256QAM	36	20	17.71	17.74	17.59	19.5	0
15	256QAM	36	39	17.62	17.72	17.62		
15	256QAM	75	0	17.57	17.77	17.62		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.75	17.86	17.65		
10	QPSK	1	25	17.75	17.71	17.63	19.5	0
10	QPSK	1	49	17.64	17.78	17.71		
10	QPSK	25	0	17.76	17.84	17.67		
10	QPSK	25	12	17.78	17.79	17.71	19.5	0
10	QPSK	25	25	17.68	17.71	17.70		
10	QPSK	50	0	17.63	17.75	17.69		
10	16QAM	1	0	17.64	17.80	17.67		
10	16QAM	1	25	17.64	17.58	17.65	19.5	0
10	16QAM	1	49	17.62	17.77	17.67		
10	16QAM	25	0	17.66	17.79	17.65		
10	16QAM	25	12	17.64	17.75	17.68	19.5	0
10	16QAM	25	25	17.61	17.66	17.58		
10	16QAM	50	0	17.62	17.76	17.71		
10	64QAM	1	0	17.66	17.75	17.62		
10	64QAM	1	25	17.79	17.61	17.63	19.5	0
10	64QAM	1	49	17.69	17.74	17.64		
10	64QAM	25	0	17.64	17.71	17.70		
10	64QAM	25	12	17.75	17.68	17.64	19.5	0
10	64QAM	25	25	17.67	17.70	17.52		
10	64QAM	50	0	17.59	17.67	17.61		
10	256QAM	1	0	17.66	17.83	17.59		
10	256QAM	1	25	17.68	17.61	17.64	19.5	0
10	256QAM	1	49	17.61	17.76	17.67		
10	256QAM	25	0	17.69	17.76	17.65		
10	256QAM	25	12	17.73	17.72	17.64	19.5	0
10	256QAM	25	25	17.56	17.68	17.54		
10	256QAM	50	0	17.60	17.74	17.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.74	17.88	17.66		
5	QPSK	1	12	17.80	17.66	17.62	19.5	0
5	QPSK	1	24	17.65	17.75	17.75		
5	QPSK	12	0	17.78	17.79	17.68		
5	QPSK	12	7	17.79	17.76	17.69	19.5	0
5	QPSK	12	13	17.70	17.81	17.60		
5	QPSK	25	0	17.71	17.76	17.71		
5	16QAM	1	0	17.65	17.76	17.67		
5	16QAM	1	12	17.65	17.69	17.69	19.5	0
5	16QAM	1	24	17.67	17.78	17.64		
5	16QAM	12	0	17.73	17.78	17.72		
5	16QAM	12	7	17.62	17.72	17.72	19.5	0
5	16QAM	12	13	17.63	17.66	17.54		
5	16QAM	25	0	17.65	17.75	17.65		
5	64QAM	1	0	17.65	17.77	17.62		
5	64QAM	1	12	17.79	17.59	17.64	19.5	0
5	64QAM	1	24	17.69	17.76	17.70		
5	64QAM	12	0	17.63	17.74	17.70		
5	64QAM	12	7	17.71	17.71	17.68	19.5	0
5	64QAM	12	13	17.70	17.67	17.50		
5	64QAM	25	0	17.61	17.75	17.66		
5	256QAM	1	0	17.63	17.83	17.61		
5	256QAM	1	12	17.66	17.61	17.62	19.5	0
5	256QAM	1	24	17.61	17.72	17.73		
5	256QAM	12	0	17.76	17.71	17.71		
5	256QAM	12	7	17.72	17.73	17.57	19.5	0
5	256QAM	12	13	17.63	17.71	17.53		
5	256QAM	25	0	17.53	17.73	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.73	17.87	17.72		
3	QPSK	1	8	17.72	17.72	17.67	19.5	0
3	QPSK	1	14	17.64	17.73	17.73		
3	QPSK	8	0	17.74	17.77	17.77		
3	QPSK	8	4	17.75	17.74	17.67	19.5	0
3	QPSK	8	7	17.71	17.79	17.63		
3	QPSK	15	0	17.71	17.83	17.75		
3	16QAM	1	0	17.67	17.72	17.65		
3	16QAM	1	8	17.63	17.64	17.67	19.5	0
3	16QAM	1	14	17.62	17.76	17.64		
3	16QAM	8	0	17.70	17.73	17.66		
3	16QAM	8	4	17.69	17.77	17.69	19.5	0
3	16QAM	8	7	17.61	17.69	17.60		
3	16QAM	15	0	17.59	17.74	17.64		
3	64QAM	1	0	17.63	17.78	17.53		
3	64QAM	1	8	17.73	17.57	17.62	19.5	0
3	64QAM	1	14	17.63	17.77	17.66		
3	64QAM	8	0	17.67	17.68	17.70		
3	64QAM	8	4	17.73	17.73	17.68	19.5	0
3	64QAM	8	7	17.69	17.72	17.53		
3	64QAM	15	0	17.52	17.73	17.60		
3	256QAM	1	0	17.72	17.80	17.57		
3	256QAM	1	8	17.66	17.60	17.61	19.5	0
3	256QAM	1	14	17.64	17.79	17.74		
3	256QAM	8	0	17.69	17.69	17.63		
3	256QAM	8	4	17.73	17.72	17.66		
3	256QAM	8	7	17.56	17.74	17.60		
3	256QAM	15	0	17.61	17.71	17.64		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.69	17.84	17.66		
1.4	QPSK	1	3	17.76	17.70	17.65		
1.4	QPSK	1	5	17.72	17.76	17.70	19.5	0
1.4	QPSK	3	0	17.74	17.78	17.77		
1.4	QPSK	3	1	17.78	17.74	17.69		
1.4	QPSK	3	3	17.73	17.71	17.64		
1.4	QPSK	6	0	17.64	17.76	17.69	19.5	0
1.4	16QAM	1	0	17.68	17.74	17.70		
1.4	16QAM	1	3	17.68	17.67	17.70		
1.4	16QAM	1	5	17.59	17.70	17.63	19.5	0
1.4	16QAM	3	0	17.74	17.79	17.65		
1.4	16QAM	3	1	17.69	17.72	17.62		
1.4	16QAM	3	3	17.66	17.73	17.53		
1.4	16QAM	6	0	17.64	17.75	17.70	19.5	0
1.4	64QAM	1	0	17.62	17.74	17.54		
1.4	64QAM	1	3	17.77	17.83	17.67		
1.4	64QAM	1	5	17.67	17.76	17.61	19.5	0
1.4	64QAM	3	0	17.69	17.73	17.74		
1.4	64QAM	3	1	17.68	17.74	17.68		
1.4	64QAM	3	3	17.70	17.69	17.52		
1.4	64QAM	6	0	17.60	17.72	17.62	19.5	0
1.4	256QAM	1	0	17.67	17.77	17.59		
1.4	256QAM	1	3	17.70	17.63	17.59		
1.4	256QAM	1	5	17.65	17.71	17.74	19.5	0
1.4	256QAM	3	0	17.67	17.75	17.65		
1.4	256QAM	3	1	17.67	17.79	17.58		
1.4	256QAM	3	3	17.61	17.71	17.57		
1.4	256QAM	6	0	17.58	17.80	17.65	19.5	0

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BW [MHz]	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	17.33	17.53	17.28		
20	QPSK	1	49	17.33	17.44	17.32	19.2	0
20	QPSK	1	99	17.44	17.48	17.33		
20	QPSK	50	0	17.38	17.52	17.27		
20	QPSK	50	24	17.38	17.51	17.44	19.2	0
20	QPSK	50	50	17.33	17.42	17.41		
20	QPSK	100	0	17.35	17.42	17.26		
20	16QAM	1	0	17.32	17.42	17.21		
20	16QAM	1	49	17.26	17.43	17.30	19.2	0
20	16QAM	1	99	17.42	17.39	17.29		
20	16QAM	50	0	17.28	17.43	17.24		
20	16QAM	50	24	17.30	17.41	17.36	19.2	0
20	16QAM	50	50	17.25	17.36	17.40		
20	16QAM	100	0	17.27	17.35	17.21		
20	64QAM	1	0	17.21	17.42	17.26		
20	64QAM	1	49	17.22	17.36	17.29	19.2	0
20	64QAM	1	99	17.36	17.44	17.24		
20	64QAM	50	0	17.29	17.49	17.22		
20	64QAM	50	24	17.27	17.43	17.37	19.2	0
20	64QAM	50	50	17.29	17.36	17.30		
20	64QAM	100	0	17.28	17.40	17.23		
20	256QAM	1	0	17.27	17.48	17.20		
20	256QAM	1	49	17.31	17.38	17.22	19.2	0
20	256QAM	1	99	17.39	17.45	17.29		
20	256QAM	50	0	17.34	17.44	17.29		
20	256QAM	50	24	17.29	17.40	17.38	19.2	0
20	256QAM	50	50	17.24	17.33	17.34		
20	256QAM	100	0	17.30	17.38	17.28		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.22	17.43	17.27		
15	QPSK	1	37	17.24	17.42	17.25	19.2	0
15	QPSK	1	74	17.38	17.45	17.25		
15	QPSK	36	0	17.31	17.48	17.21		
15	QPSK	36	20	17.33	17.47	17.37	19.2	0
15	QPSK	36	39	17.29	17.33	17.30		
15	QPSK	75	0	17.29	17.37	17.22		
15	16QAM	1	0	17.21	17.34	17.23		
15	16QAM	1	37	17.38	17.41	17.26	19.2	0
15	16QAM	1	74	17.29	17.33	17.23		
15	16QAM	36	0	17.20	17.33	17.29		
15	16QAM	36	20	17.25	17.32	17.32	19.2	0
15	16QAM	36	39	17.20	17.30	17.32		
15	16QAM	75	0	17.21	17.29	17.23		
15	64QAM	1	0	17.38	17.32	17.29		
15	64QAM	1	37	17.23	17.27	17.22	19.2	0
15	64QAM	1	74	17.27	17.41	17.23		
15	64QAM	36	0	17.20	17.45	17.29		
15	64QAM	36	20	17.33	17.47	17.27	19.2	0
15	64QAM	36	39	17.21	17.32	17.27		
15	64QAM	75	0	17.24	17.33	17.23		
15	256QAM	1	0	17.20	17.47	17.29		
15	256QAM	1	37	17.29	17.41	17.24	19.2	0
15	256QAM	1	74	17.37	17.43	17.23		
15	256QAM	36	0	17.30	17.38	17.29		
15	256QAM	36	20	17.23	17.34	17.28	19.2	0
15	256QAM	36	39	17.17	17.29	17.21		
15	256QAM	75	0	17.26	17.36	17.20		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.27	17.37	17.24		
10	QPSK	1	25	17.28	17.33	17.24	19.2	0
10	QPSK	1	49	17.36	17.41	17.23		
10	QPSK	25	0	17.28	17.48	17.27		
10	QPSK	25	12	17.36	17.49	17.38	19.2	0
10	QPSK	25	25	17.31	17.35	17.26		
10	QPSK	50	0	17.24	17.38	17.23		
10	16QAM	1	0	17.29	17.39	17.27		
10	16QAM	1	25	17.24	17.37	17.26	19.2	0
10	16QAM	1	49	17.40	17.41	17.27		
10	16QAM	25	0	17.20	17.41	17.24		
10	16QAM	25	12	17.25	17.36	17.32	19.2	0
10	16QAM	25	25	17.23	17.35	17.37		
10	16QAM	50	0	17.20	17.27	17.27		
10	64QAM	1	0	17.27	17.32	17.24		
10	64QAM	1	25	17.24	17.26	17.22	19.2	0
10	64QAM	1	49	17.30	17.41	17.20		
10	64QAM	25	0	17.25	17.34	17.36		
10	64QAM	25	12	17.20	17.36	17.33	19.2	0
10	64QAM	25	25	17.23	17.33	17.20		
10	64QAM	50	0	17.25	17.31	17.22		
10	256QAM	1	0	17.20	17.38	17.27		
10	256QAM	1	25	17.29	17.28	17.21	19.2	0
10	256QAM	1	49	17.29	17.35	17.28		
10	256QAM	25	0	17.26	17.37	17.21		
10	256QAM	25	12	17.27	17.30	17.26	19.2	0
10	256QAM	25	25	17.27	17.30	17.20		
10	256QAM	50	0	17.25	17.34	17.27		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.29	17.50	17.24		
5	QPSK	1	12	17.30	17.39	17.23	19.2	0
5	QPSK	1	24	17.36	17.38	17.31		
5	QPSK	12	0	17.29	17.42	17.24		
5	QPSK	12	7	17.35	17.42	17.40	19.2	0
5	QPSK	12	13	17.29	17.32	17.34		
5	QPSK	25	0	17.26	17.39	17.22		
5	16QAM	1	0	17.27	17.34	17.24		
5	16QAM	1	12	17.24	17.35	17.24	19.2	0
5	16QAM	1	24	17.35	17.32	17.20		
5	16QAM	12	0	17.24	17.35	17.24		
5	16QAM	12	7	17.25	17.30	17.27	19.2	0
5	16QAM	12	13	17.20	17.37	17.37		
5	16QAM	25	0	17.25	17.26	17.24		
5	64QAM	1	0	17.25	17.35	17.20		
5	64QAM	1	12	17.24	17.29	17.27	19.2	0
5	64QAM	1	24	17.30	17.21	17.21		
5	64QAM	12	0	17.24	17.40	17.24		
5	64QAM	12	7	17.23	17.37	17.34	19.2	0
5	64QAM	12	13	17.24	17.27	17.22		
5	64QAM	25	0	17.23	17.32	17.24		
5	256QAM	1	0	17.22	17.40	17.20		
5	256QAM	1	12	17.20	17.33	17.24	19.2	0
5	256QAM	1	24	17.29	17.37	17.24		
5	256QAM	12	0	17.26	17.31	17.37		
5	256QAM	12	7	17.28	17.31	17.37	19.2	0
5	256QAM	12	13	17.24	17.37	17.33		
5	256QAM	25	0	17.26	17.30	17.20		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.23	17.45	17.20		
3	QPSK	1	8	17.27	17.36	17.22	19.2	0
3	QPSK	1	14	17.39	17.39	17.29		
3	QPSK	8	0	17.35	17.47	17.23		
3	QPSK	8	4	17.33	17.46	17.37	19.2	0
3	QPSK	8	7	17.32	17.37	17.35		
3	QPSK	15	0	17.29	17.37	17.21		
3	16QAM	1	0	17.23	17.36	17.23		
3	16QAM	1	8	17.24	17.34	17.21	19.2	0
3	16QAM	1	14	17.38	17.29	17.25		
3	16QAM	8	0	17.34	17.32	17.20		
3	16QAM	8	4	17.30	17.28	17.28	19.2	0
3	16QAM	8	7	17.20	17.30	17.30		
3	16QAM	15	0	17.23	17.25	17.20		
3	64QAM	1	0	17.21	17.36	17.34		
3	64QAM	1	8	17.23	17.22	17.22	19.2	0
3	64QAM	1	14	17.30	17.37	17.23		
3	64QAM	8	0	17.28	17.44	17.20		
3	64QAM	8	4	17.20	17.33	17.29	19.2	0
3	64QAM	8	7	17.24	17.35	17.24		
3	64QAM	15	0	17.20	17.30	17.20		
3	256QAM	1	0	17.20	17.45	17.34		
3	256QAM	1	8	17.30	17.30	17.41	19.2	0
3	256QAM	1	14	17.36	17.41	17.26		
3	256QAM	8	0	17.24	17.37	17.20		
3	256QAM	8	4	17.21	17.35	17.37	19.2	0
3	256QAM	8	7	17.20	17.33	17.25		
3	256QAM	15	0	17.27	17.26	17.24		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.25	17.46	17.20		
1.4	QPSK	1	3	17.25	17.34	17.30		
1.4	QPSK	1	5	17.33	17.37	17.26	19.2	0
1.4	QPSK	3	0	17.34	17.44	17.41		
1.4	QPSK	3	1	17.32	17.47	17.35		
1.4	QPSK	3	3	17.26	17.33	17.36		
1.4	QPSK	6	0	17.27	17.32	17.28	19.2	0
1.4	16QAM	1	0	17.30	17.36	17.41		
1.4	16QAM	1	3	17.21	17.40	17.21		
1.4	16QAM	1	5	17.31	17.31	17.22	19.2	0
1.4	16QAM	3	0	17.22	17.36	17.23		
1.4	16QAM	3	1	17.23	17.33	17.26		
1.4	16QAM	3	3	17.41	17.29	17.32		
1.4	16QAM	6	0	17.26	17.34	17.41	19.2	0
1.4	64QAM	1	0	17.29	17.35	17.22		
1.4	64QAM	1	3	17.23	17.27	17.29	19.2	0
1.4	64QAM	1	5	17.28	17.42	17.23		
1.4	64QAM	3	0	17.21	17.42	17.41		
1.4	64QAM	3	1	17.41	17.35	17.29		
1.4	64QAM	3	3	17.23	17.33	17.41		
1.4	64QAM	6	0	17.24	17.37	17.29	19.2	0
1.4	256QAM	1	0	17.20	17.38	17.23		
1.4	256QAM	1	3	17.21	17.28	17.41		
1.4	256QAM	1	5	17.35	17.35	17.36	19.2	0
1.4	256QAM	3	0	17.25	17.36	17.20		
1.4	256QAM	3	1	17.41	17.38	17.33		
1.4	256QAM	3	3	17.23	17.33	17.29		
1.4	256QAM	6	0	17.22	17.36	17.25	19.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.42	15.45	15.32		
20	QPSK	1	49	15.36	15.44	15.34	17.2	0
20	QPSK	1	99	15.31	15.34	15.31		
20	QPSK	50	0	15.39	15.43	15.36		
20	QPSK	50	24	15.26	15.30	15.22	17.2	0
20	QPSK	50	50	15.35	15.41	15.35		
20	QPSK	100	0	15.28	15.35	15.31		
20	16QAM	1	0	15.40	15.35	15.22		
20	16QAM	1	49	15.33	15.36	15.33	17.2	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	18.97	18.99	18.91	20.5	0
20	QPSK	1	49	18.85	18.91	18.87		
20	QPSK	1	99	18.93	18.85	18.83		
20	QPSK	50	0	18.86	18.94	18.86	20.5	0
20	QPSK	50	24	18.80	18.91	18.84		
20	QPSK	50	50	18.93	18.91	18.84		
20	QPSK	100	0	18.83	18.87	18.79		
20	16QAM	1	0	18.86	18.92	18.80	20.5	0
20	16QAM	1	49	18.78	18.83	18.81		
20	16QAM	1	99	18.81	18.75	18.77		
20	16QAM	50	0	18.76	18.83	18.76	20.5	0
20	16QAM	50	24	18.69	18.81	18.74		
20	16QAM	50	50	18.83	18.83	18.77		
20	16QAM	100	0	18.73	18.79	18.68		
20	64QAM	1	0	18.89	18.90	18.82	20.5	0
20	64QAM	1	49	18.78	18.79	18.79		
20	64QAM	1	99	18.85	18.76	18.75		
20	64QAM	50	0	18.78	18.84	18.76	20.5	0
20	64QAM	50	24	18.68	18.82	18.77		
20	64QAM	50	50	18.84	18.85	18.73		
20	64QAM	100	0	18.73	18.78	18.71		
20	256QAM	1	0	18.85	18.92	18.84	20.5	0
20	256QAM	1	49	18.79	18.79	18.80		
20	256QAM	1	99	18.83	18.78	18.73		
20	256QAM	50	0	18.75	18.83	18.79	20.5	0
20	256QAM	50	24	18.71	18.81	18.78		
20	256QAM	50	50	18.85	18.82	18.72		
20	256QAM	100	0	18.74	18.75	18.68		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.91	18.91	18.81	20.5	0
15	QPSK	1	37	18.75	18.83	18.78		
15	QPSK	1	74	18.84	18.76	18.75		
15	QPSK	36	0	18.77	18.86	18.79	20.5	0
15	QPSK	36	20	18.71	18.80	18.72		
15	QPSK	36	39	18.85	18.81	18.76		
15	QPSK	75	0	18.74	18.77	18.70		
15	16QAM	1	0	18.77	18.84	18.68	20.5	0
15	16QAM	1	37	18.66	18.74	18.74		
15	16QAM	1	74	18.74	18.68	18.69		
15	16QAM	36	0	18.64	18.72	18.70	20.5	0
15	16QAM	36	20	18.58	18.73	18.67		
15	16QAM	36	39	18.76	18.71	18.67		
15	16QAM	75	0	18.63	18.72	18.61		
15	64QAM	1	0	18.82	18.82	18.72	20.5	0
15	64QAM	1	37	18.68	18.72	18.72		
15	64QAM	1	74	18.78	18.67	18.66		
15	64QAM	36	0	18.67	18.77	18.67	20.5	0
15	64QAM	36	20	18.59	18.72	18.71		
15	64QAM	36	39	18.75	18.75	18.66		
15	64QAM	75	0	18.62	18.67	18.60		
15	256QAM	1	0	18.77	18.83	18.75	20.5	0
15	256QAM	1	37	18.69	18.68	18.73		
15	256QAM	1	74	18.75	18.68	18.64		
15	256QAM	36	0	18.65	18.76	18.67	20.5	0
15	256QAM	36	20	18.62	18.70	18.67		
15	256QAM	36	39	18.75	18.75	18.64		
15	256QAM	75	0	18.65	18.63	18.61		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.89	18.89	18.83	20.5	0
10	QPSK	1	25	18.75	18.85	18.79		
10	QPSK	1	49	18.81	18.79	18.74		
10	QPSK	25	0	18.74	18.85	18.76	20.5	0
10	QPSK	25	12	18.69	18.80	18.74		
10	QPSK	25	25	18.85	18.82	18.74		
10	QPSK	50	0	18.73	18.80	18.72		
10	16QAM	1	0	18.74	18.83	18.70	20.5	0
10	16QAM	1	25	18.72	18.75	18.70		
10	16QAM	1	49	18.70	18.69	18.66		
10	16QAM	25	0	18.65	18.76	18.69	20.5	0
10	16QAM	25	12	18.58	18.72	18.67		
10	16QAM	25	25	18.71	18.77	18.67		
10	16QAM	50	0	18.61	18.73	18.59		
10	64QAM	1	0	18.78	18.82	18.71	20.5	0
10	64QAM	1	25	18.70	18.72	18.69		
10	64QAM	1	49	18.75	18.67	18.69		
10	64QAM	25	0	18.68	18.74	18.66	20.5	0
10	64QAM	25	12	18.58	18.70	18.70		
10	64QAM	25	25	18.72	18.75	18.63		
10	64QAM	50	0	18.65	18.66	18.62		
10	256QAM	1	0	18.78	18.85	18.75	20.5	0
10	256QAM	1	25	18.73	18.70	18.73		
10	256QAM	1	49	18.71	18.66	18.63		
10	256QAM	25	0	18.67	18.74	18.69	20.5	0
10	256QAM	25	12	18.61	18.70	18.70		
10	256QAM	25	25	18.79	18.76	18.61		
10	256QAM	50	0	18.65	18.68	18.60		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.85	18.91	18.79	20.5	0
5	QPSK	1	12	18.76	18.84	18.80		
5	QPSK	1	24	18.86	18.76	18.76		
5	QPSK	12	0	18.78	18.86	18.77	20.5	0
5	QPSK	12	7	18.72	18.83	18.73		
5	QPSK	12	13	18.83	18.84	18.75		
5	QPSK	25	0	18.76	18.77	18.69		
5	16QAM	1	0	18.74	18.84	18.73	20.5	0
5	16QAM	1	12	18.71	18.77	18.73		
5	16QAM	1	24	18.72	18.68	18.71		
5	16QAM	12	0	18.69	18.72	18.67	20.5	0
5	16QAM	12	7	18.58	18.70	18.67		
5	16QAM	12	13	18.71	18.77	18.68		
5	16QAM	25	0	18.65	18.72	18.59		
5	64QAM	1	0	18.81	18.82	18.75	20.5	0
5	64QAM	1	12	18.72	18.71	18.68		
5	64QAM	1	24	18.76	18.67	18.63		
5	64QAM	12	0	18.70	18.74	18.68	20.5	0
5	64QAM	12	7	18.61	18.74	18.69		
5	64QAM	12	13	18.74	18.78	18.63		
5	64QAM	25	0	18.63	18.70	18.64		
5	256QAM	1	0	18.77	18.86	18.75	20.5	0
5	256QAM	1	12	18.71	18.68	18.70		
5	256QAM	1	24	18.72	18.70	18.62		
5	256QAM	12	0	18.69	18.73	18.72	20.5	0
5	256QAM	12	7	18.60	18.71	18.72		
5	256QAM	12	13	18.78	18.72	18.61		
5	256QAM	25	0	18.65	18.65	18.57		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.93	17.73	18.09	17.94	17.91	19.5	0
20	QPSK	1	49	17.91	17.98	17.91	17.86	17.93		
20	QPSK	1	99	17.99	17.87	17.99	17.82	17.86		
20	QPSK	50	0	17.90	17.84	18.05	18.00	17.83	19.5	0
20	QPSK	50	24	17.98	17.97	18.02	17.91	17.98		
20	QPSK	50	50	17.99	18.01	17.98	17.99	17.82		
20	QPSK	100	0	17.90	17.93	18.06	17.83	17.94		
20	16QAM	1	0	17.85	17.63	18.03	17.91	17.85	19.5	0
20	16QAM	1	49	17.89	17.88	17.84	17.82	17.89		
20	16QAM	1	99	17.95	17.78	17.95	17.76	17.83		
20	16QAM	50	0	17.79	17.74	17.96	17.98	17.78	19.5	0
20	16QAM	50	24	17.93	17.95	17.92	17.81	17.95		
20	16QAM	50	50	17.97	17.91	17.89	17.91	17.73		
20	16QAM	100	0	17.86	17.89	18.00	17.75	17.90		
20	64QAM	1	0	17.91	17.69	18.01	17.88	17.81	19.5	0
20	64QAM	1	49	17.81	17.96	17.82	17.79	17.89		
20	64QAM	1	99	17.89	17.82	17.92	17.72	17.81		
20	64QAM	50	0	17.79	17.81	18.02	17.90	17.74	19.5	0
20	64QAM	50	24	17.91	17.88	17.93	17.89	17.88		
20	64QAM	50	50	17.96	17.98	17.88	17.94	17.71		
20	64QAM	100	0	17.81	17.85	17.98	17.79	17.88		
20	256QAM	1	0	17.83	17.69	18.07	17.84	17.83	19.5	0
20	256QAM	1	49	17.83	17.94	17.81	17.75	17.83		
20	256QAM	1	99	17.97	17.81	17.91	17.80	17.85		
20	256QAM	50	0	17.82	17.74	18.01	17.94	17.81	19.5	0
20	256QAM	50	24	17.89	17.91	18.01	17.84	17.90		
20	256QAM	50	50	17.95	17.99	17.88	17.95	17.75		
20	256QAM	100	0	17.88	17.90	18.01	17.76	17.87		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.84	17.64	18.01	17.83	17.82	20	0
15	QPSK	1	37	17.89	17.93	17.87	17.83	17.87		
15	QPSK	1	74	17.95	17.81	17.94	17.73	17.78		
15	QPSK	36	0	17.87	17.75	17.96	17.96	17.80	19.5	0
15	QPSK	36	20	17.94	17.93	17.96	17.89	17.90		
15	QPSK	36	39	17.91	17.95	17.93	17.98	17.79		
15	QPSK	75	0	17.85	17.84	18.02	17.80	17.92		
15	16QAM	1	0	17.81	17.58	17.95	17.86	17.84	19.5	0
15	16QAM	1	37	17.86	17.87	17.82	17.75	17.87		
15	16QAM	1	74	17.93	17.69	17.87	17.68	17.74		
15	16QAM	36	0	17.72	17.65	17.86	17.94	17.74	19.5	0
15	16QAM	36	20	17.88	17.87	17.87	17.71	17.86		
15	16QAM	36	39	17.91	17.84	17.86	17.82	17.66		
15	16QAM	75	0	17.77	17.82	17.96	17.65	17.83		
15	64QAM	1	0	17.87	17.58	17.93	17.79	17.77	19.5	0
15	64QAM	1	37	17.74	17.93	17.72	17.69	17.84		
15	64QAM	1	74	17.84	17.73	17.90	17.63	17.78		
15	64QAM	36	0	17.73	17.76	17.95	17.86	17.68	19.5	0
15	64QAM	36	20	17.87	17.87	17.90	17.81	17.84		
15	64QAM	36	39	17.91	17.92	17.81	17.84	17.62		
15	64QAM	75	0	17.73	17.82	17.95	17.73	17.85		
15	256QAM	1	0	17.79	17.64	17.99	17.79	17.81	19.5	0
15	256QAM	1	37	17.76	17.85	17.79	17.68	17.82		
15	256QAM	1	74	17.95	17.77	17.83	17.77	17.82		
15	256QAM	36	0	17.74	17.64	17.99	17.91	17.72	19.5	0
15	256QAM	36	20	17.82	17.88	17.97	17.79	17.81		
15	256QAM	36	39	17.93	17.88	17.82	17.84	17.73		
15	256QAM	75	0	17.86	17.86	17.93	17.72	17.84		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.82	17.71	18.06	17.91	17.84	20	0
10	QPSK	1	25	17.86	17.96	17.84	17.82	17.88		
10	QPSK	1	49	17.91	17.77	17.91	17.74	17.79		
10	QPSK	25	0	17.84	17.73	18.00	17.98	17.77	19.5	0
10	QPSK	25	12	17.91	17.87	17.99	17.83	17.93		
10	QPSK	25	25	17.93	17.91	17.96	17.92	17.76		
10	QPSK	50	0	17.79	17.86	17.95	17.73	17.88		
10	16QAM	1	0	17.74	17.54	17.96	17.82	17.76	19.5	0
10	16QAM	1	25	17.87	17.79	17.81	17.72	17.86		
10	16QAM	1	49	17.88	17.70	17.89	17.69	17.75		
10	16QAM	25	0	17.75	17.73	17.94	17.93	17.77	19.5	0
10	16QAM	25	12	17.84	17.88	17.87	17.70	17.86		
10	16QAM	25	25	17.88	17.81	17.81	17.85	17.64		
10	16QAM	50	0	17.84	17.82	17.89	17.64	17.79		
10	64QAM	1	0	17.83	17.67	17.91	17.86	17.75	19.5	0
10	64QAM	1	25	17.77	17.93	17.81	17.73	17.84		
10	64QAM	1	49	17.81	17.72	17.91	17.63	17.77		
10	64QAM	25	0	17.71	17.71	17.97	17.87	17.64	19.5	0
10	64QAM	25	12	17.80	17.86	17.92	17.82	17.87		
10	64QAM	25	25	17.90	17.87	17.83	17.84	17.65		
10	64QAM	50	0	17.72	17.76	17.87	17.71	17.78		
10	256QAM	1	0	17.79	17.67	18.06	17.78	17.73	19.5	0
10	256QAM	1	25	17.79	17.84	17.77	17.73	17.77		
10	256QAM	1	49	17.93	17.78	17.81	17.79	17.79		
10	256QAM	25	0	17.72	17.70	17.99	17.91	17.76	19.5	0
10	256QAM	25	12	17.87	17.82	17.91	17.81	17.81		
10	256QAM	25	25	17.93	17.90	17.84	17.85	17.64		
10	256QAM	50	0	17.84	17.81	17.92	17.66	17.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.84	17.64	18.05	17.87	17.87	20	0
5	QPSK	1	12	17.84	17.95	17.86	17.75	17.90		
5	QPSK	1	24	17.90	17.79	17.96	17.72	17.81		
5	QPSK	12	0	17.86	17.81	17.99	17.91	17.78	19.5	0
5	QPSK	12	7	17.92	17.94	17.98	17.86	17.96		
5	QPSK	12	13	17.88	17.94	17.94	17.93	17.75		
5	QPSK	25	0	17.84	17.82	18.00	17.81	17.92		
5	16QAM	1	0	17.78	17.61	17.93	17.81	17.80	19.5	0
5	16QAM	1	12	17.79	17.80	17.78	17.72	17.79		
5	16QAM	1	24	17.84	17.72	17.91	17.69	17.73		
5	16QAM	12	0	17.75	17.65	17.91	17.89	17.69	19.5	0
5	16QAM	12	7	17.86	17.86	17.90	17.75	17.92		
5	16QAM	12	13	17.93	17.87	17.86	17.81	17.68		
5	16QAM	25	0	17.77	17.78	17.93	17.66	17.86		
5	64QAM	1	0	17.81	17.66	18.00	17.78	17.76	19.5	0
5	64QAM	1	12	17.75	17.92	17.80	17.74	17.83		
5	64QAM	1	24	17.88	17.75	17.87	17.63	17.73		
5	64QAM	12	0	17.68	17.76	18.00	17.83	17.69	19.5	0
5	64QAM	12	7	17.81	17.81	17.85	17.78	17.86		
5	64QAM	12	13	17.92	17.96	17.81	17.86	17.63		
5	64QAM	25	0	17.75	17.83	17.88	17.76	17.83		
5	256QAM	1	0	17.78	17.61	18.04	17.76	17.73	19.5	0
5	256QAM	1	12	17.73	17.90	17.76	17.65	17.76		
5	256QAM	1	24	17.95	17.80	17.84	17.78	17.74		
5	256QAM	12	0	17.72	17.64	17.92	17.91	17.73	19.5	0
5	256QAM	12	7	17.80	17.82	17.91	17.81	17.88		
5	256QAM	12	13	17.86	17.91	17.85	17.92	17.67		
5	256QAM	25	0	17.83	17.81	17.97	17.71	17.76		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.73	19.02	18.69	20.5	0
20	QPSK	1	49	18.84	18.86	18.77		
20	QPSK	1	99	18.87	18.85	18.65		
20	QPSK	50	0	18.81	19.01	18.64	20.5	0
20	QPSK	50	24	18.66	18.86	18.75		
20	QPSK	50	50	18.75	18.93	18.82		
20	QPSK	100	0	18.87	18.89	18.73		
20	16QAM	1	0	18.66	18.92	18.61	20.5	0
20	16QAM	1	49	18.81	18.76	18.71		
20	16QAM	1	99	18.81	18.79	18.59		
20	16QAM	50	0	18.76	18.91	18.59	20.5	0
20	16QAM	50	24	18.58	18.75	18.67		
20	16QAM	50	50	18.69	18.84	18.76		
20	16QAM	100	0	18.76	18.80	18.69		
20	64QAM	1	0	18.70	18.91	18.64	20.5	0
20	64QAM	1	49	18.78	18.79	18.76		
20	64QAM	1	99	18.80	18.76	18.61		
20	64QAM	50	0	18.70	18.97	18.55	20.5	0
20	64QAM	50	24	18.62	18.84	18.71		
20	64QAM	50	50	18.68	18.92	18.78		
20	64QAM	100	0	18.86	18.78	18.66		
20	256QAM	1	0	17.77	18.01	17.67	19.5	1
20	256QAM	1	49	17.82	17.85	17.75		
20	256QAM	1	99	17.83	17.85	17.66		
20	256QAM	50	0	17.79	18.05	17.67	19.5	1
20	256QAM	50	24	17.69	17.85	17.73		
20	256QAM	50	50	17.76	17.93	17.83		
20	256QAM	100	0	17.89	17.90	17.77		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0		18.96	18.58	20.5	0
15	QPSK	1	37	18.74	18.76	18.69		
15	QPSK	1	74	18.86	18.74	18.58		
15	QPSK	36	0	18.79	18.99	18.58	20.5	0
15	QPSK	36	20	18.56	18.81	18.73		
15	QPSK	36	39	18.72	18.88	18.76		
15	QPSK	75	0	18.81	18.80	18.71		
15	16QAM	1	0	18.56	18.88	18.55	20.5	0
15	16QAM	1	37	18.75	18.74	18.63		
15	16QAM	1	74	18.80	18.70	18.52		
15	16QAM	36	0	18.68	18.81	18.53	20.5	0
15	16QAM	36	20	18.54	18.71	18.58		
15	16QAM	36	39	18.59	18.79	18.70		
15	16QAM	75	0	18.65	18.71	18.67		
15	64QAM	1	0	18.66	18.86	18.56	20.5	0
15	64QAM	1	37	18.69	18.77	18.66		
15	64QAM	1	74	18.78	18.74	18.51		
15	64QAM	36	0	18.60	18.86	18.52	20.5	0
15	64QAM	36	20	18.55	18.77	18.60		
15	64QAM	36	39	18.65	18.83	18.74		
15	64QAM	75	0	18.85	18.72	18.55		
15	256QAM	1	0	17.70	17.99	17.66	19.5	1
15	256QAM	1	37	17.76	17.84	17.70		
15	256QAM	1	74	17.76	17.83	17.56		
15	256QAM	36	0	17.70	18.01	17.62	19.5	1
15	256QAM	36	20	17.63	17.81	17.65		
15	256QAM	36	39	17.72	17.92	17.81		
15	256QAM	75	0	17.78	17.82	17.67		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.71	19.01	18.63	20.5	0
10	QPSK	1	25	18.82	18.78	18.70		
10	QPSK	1	49	18.78	18.81	18.56		
10	QPSK	25	0	18.72	18.90	18.53	20.5	0
10	QPSK	25	12	18.64	18.76	18.66		
10	QPSK	25	25	18.64	18.89	18.76		
10	QPSK	50	0	18.80	18.84	18.70		
10	16QAM	1	0	18.60	18.86	18.58	20.5	0
10	16QAM	1	25	18.75	18.74	18.61		
10	16QAM	1	49	18.78	18.70	18.50		
10	16QAM	25	0	18.71	18.81	18.51	20.5	0
10	16QAM	25	12	18.53	18.69	18.58		
10	16QAM	25	25	18.62	18.82	18.67		
10	16QAM	50	0	18.72	18.77	18.68		
10	64QAM	1	0	18.67	18.82	18.62	20.5	0
10	64QAM	1	25	18.72	18.75	18.71		
10	64QAM	1	49	18.72	18.65	18.53		
10	64QAM	25	0	18.62	18.92	18.53	20.5	0
10	64QAM	25	12	18.51	18.77	18.66		
10	64QAM	25	25	18.59	18.90	18.73		
10	64QAM	50	0	18.81	18.70	18.60		
10	256QAM	1	0	17.67	17.93	17.58	19.5	1
10	256QAM	1	25	17.79	17.84	17.66		
10	256QAM	1	49	17.73	17.78	17.58		
10	256QAM	25	0	17.69	18.03	17.65	19.5	1
10	256QAM	25	12	17.58	17.80	17.63		
10	256QAM	25	25	17.70	17.87	17.73		
10	256QAM	50	0	17.81	17.81	17.75		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.68	18.96	18.66	20.5	0
5	QPSK	1	12	18.73	18.80	18.68		
5	QPSK	1	24	18.78	18.81	18.63		
5	QPSK	12	0	18.76	18.95	18.57	20.5	0
5	QPSK	12	7	18.57	18.82	18.66		
5	QPSK	12	13	18.72	18.91	18.79		
5	QPSK	25	0	18.83	18.80	18.67		
5	16QAM	1	0	18.63	18.87	18.57	20.5	0
5	16QAM	1	12	18.79	18.72	18.63		
5	16QAM	1	24	18.79	18.71	18.57		
5	16QAM	12	0	18.71	18.86	18.50	20.5	0
5	16QAM	12	7	18.52	18.66	18.58		
5	16QAM	12	13	18.61	18.74	18.75		
5	16QAM	25	0	18.73	18.72	18.62		
5	64QAM	1	0	18.65	18.81	18.53	20.5	0
5	64QAM	1	12	18.76	18.78	18.67		
5	64QAM	1	24	18.70	18.71	18.57		
5	64QAM	12	0	18.69	18.95	18.53	20.5	0
5	64QAM	12	7	18.52	18.82	18.67		
5	64QAM	12	13	18.58	18.83	18.73		
5	64QAM	25	0	18.82	18.75	18.59		
5	256QAM	1	0	17.69	18.00	17.60	19.5	1
5	256QAM	1	12	17.77	17.83	17.69		
5	256QAM	1	24	17.82	17.75	17.57		
5	256QAM	12	0	17.74	18.00	17.57	19.5	1
5	256QAM	12	7	17.66	17.76	17.66		
5	256QAM	12	13	17.72	17.86	17.82		
5	256QAM	25	0	17.86	17.88	17.68		

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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	19.69	19.79	19.45	19.59	21.2	0
20	QPSK	1	49	19.63	19.69	19.72	19.76		
20	QPSK	1	99	19.65	19.75	19.63	19.62		
20	QPSK	50	0	19.66	19.76	19.63	19.62	21.2	0
20	QPSK	50	24	19.61	19.62	19.67	19.72		
20	QPSK	50	50	19.70	19.73	19.69	19.65		
20	QPSK	100	0	19.73	19.75	19.64	19.73		
20	16QAM	1	0	19.60	19.77	19.37	19.55	21.2	0
20	16QAM	1	49	19.54	19.65	19.65	19.68		
20	16QAM	1	99	19.62	19.71	19.52	19.57		
20	16QAM	50	0	19.64	19.73	19.55	19.55	21.2	0
20	16QAM	50	24	19.55	19.52	19.57	19.67		
20	16QAM	50	50	19.64	19.66	19.63	19.56		
20	16QAM	100	0	19.71	19.68	19.61	19.63		
20	64QAM	1	0	19.61	19.73	19.39	19.55	21.2	0
20	64QAM	1	49	19.60	19.63	19.63	19.72		
20	64QAM	1	99	19.61	19.67	19.61	19.55		
20	64QAM	50	0	19.57	19.73	19.52	19.53	21.2	0
20	64QAM	50	24	19.58	19.53	19.59	19.67		
20	64QAM	50	50	19.68	19.68	19.62	19.55		
20	64QAM	100	0	19.68	19.69	19.54	19.70		
20	256QAM	1	0	18.65	18.82	18.50	18.56	20.2	1
20	256QAM	1	49	18.66	18.68	18.72	18.80		
20	256QAM	1	99	18.65	18.71	18.59	18.63		
20	256QAM	50	0	18.71	18.79	18.67	18.64	20.2	1
20	256QAM	50	24	18.61	18.59	18.68	18.74		
20	256QAM	50	50	18.69	18.69	18.67	18.65		
20	256QAM	100	0	18.71	18.76	18.67	18.69		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.68	19.77	19.42	19.48	21.2	0
15	QPSK	1	37	19.57	19.59	19.70	19.68		
15	QPSK	1	74	19.59	19.65	19.60	19.61		
15	QPSK	36	0	19.57	19.66	19.58	19.51	21.2	0
15	QPSK	36	20	19.58	19.60	19.57	19.65		
15	QPSK	36	39	19.66	19.66	19.60	19.60		
15	QPSK	75	0	19.67	19.73	19.60	19.70		
15	16QAM	1	0	19.52	19.74	19.30	19.52	21.2	0
15	16QAM	1	37	19.51	19.58	19.54	19.66		
15	16QAM	1	74	19.61	19.65	19.44	19.54		
15	16QAM	36	0	19.53	19.64	19.50	19.49	21.2	0
15	16QAM	36	20	19.48	19.48	19.53	19.63		
15	16QAM	36	39	19.58	19.63	19.60	19.46		
15	16QAM	75	0	19.67	19.59	19.60	19.56		
15	64QAM	1	0	19.59	19.70	19.33	19.47	21.2	0
15	64QAM	1	37	19.58	19.60	19.61	19.62		
15	64QAM	1	74	19.56	19.63	19.59	19.48		
15	64QAM	36	0	19.51	19.63	19.42	19.51	21.2	0
15	64QAM	36	20	19.52	19.42	19.54	19.59		
15	64QAM	36	39	19.64	19.65	19.59	19.53		
15	64QAM	75	0	19.60	19.64	19.43	19.59		
15	256QAM	1	0	18.64	18.76	18.42	18.48	20.2	1
15	256QAM	1	37	18.62	18.65	18.68	18.79		
15	256QAM	1	74	18.61	18.70	18.50	18.52		
15	256QAM	36	0	18.65	18.73	18.60	18.54	20.2	1
15	256QAM	36	20	18.52	18.48	18.64	18.70		
15	256QAM	36	39	18.65	18.61	18.64	18.57		
15	256QAM	75	0	18.69	18.68	18.64	18.63		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.60	19.74	19.34	19.51	21.2	0
10	QPSK	1	25	19.57	19.59	19.66	19.70		
10	QPSK	1	49	19.57	19.64	19.59	19.54		
10	QPSK	25	0	19.63	19.72	19.59	19.53	21.2	0
10	QPSK	25	12	19.59	19.60	19.62	19.64		
10	QPSK	25	25	19.63	19.63	19.59	19.58		
10	QPSK	50	0	19.64	19.71	19.63	19.62		
10	16QAM	1	0	19.54	19.73	19.29	19.46	21.2	0
10	16QAM	1	25	19.52	19.60	19.61	19.61		
10	16QAM	1	49	19.59	19.66	19.49	19.48		
10	16QAM	25	0	19.54	19.68	19.47	19.52	21.2	0
10	16QAM	25	12	19.49	19.43	19.49	19.60		
10	16QAM	25	25	19.59	19.59	19.58	19.55		
10	16QAM	50	0	19.69	19.62	19.58	19.52		
10	64QAM	1	0	19.57	19.65	19.33	19.49	21.2	0
10	64QAM	1	25	19.58	19.53	19.61	19.70		
10	64QAM	1	49	19.59	19.61	19.56	19.52		
10	64QAM	25	0	19.54	19.68	19.46	19.48	21.2	0
10	64QAM	25	12	19.54	19.44	19.53	19.58		
10	64QAM	25	25	19.62	19.59	19.59	19.47		
10	64QAM	50	0	19.59	19.66	19.44	19.69		
10	256QAM	1	0	18.63	18.77	18.40	18.51	20.2	1
10	256QAM	1	25	18.62	18.62	18.62	18.70		
10	256QAM	1	49	18.57	18.67	18.51	18.61		
10	256QAM	25	0	18.70	18.70	18.66	18.55	20.2	1
10	256QAM	25	12	18.59	18.56	18.62	18.67		
10	256QAM	25	25	18.65	18.61	18.61	18.55		
10	256QAM	50	0	18.69	18.68	18.61	18.62		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.68	19.69	19.43	19.48	21.2	0
5	QPSK	1	12	19.53	19.68	19.65	19.68		
5	QPSK	1	24	19.62	19.71	19.59	19.52		
5	QPSK	12	0	19.61	19.67	19.54	19.56	21.2	0
5	QPSK	12	7	19.57	19.60	19.63	19.68		
5	QPSK	12	13	19.64	19.70	19.64	19.62		
5	QPSK	25	0	19.67	19.73	19.59	19.67		
5	16QAM	1	0	19.56	19.73	19.30	19.49	21.2	0
5	16QAM	1	12	19.53	19.62	19.56	19.64		
5	16QAM	1	24	19.55	19.63	19.42	19.51		
5	16QAM	12	0	19.60	19.72	19.53	19.53	21.2	0
5	16QAM	12	7	19.51	19.44	19.55	19.61		
5	16QAM	12	13	19.59	19.59	19.59	19.47		
5	16QAM	25	0	19.63	19.67	19.55	19.61		
5	64QAM	1	0	19.56	19.69	19.32	19.46	21.2	0
5	64QAM	1	12	19.58	19.55	19.60	19.67		
5	64QAM	1	24	19.52	19.63	19.57	19.47		
5	64QAM	12	0	19.50	19.65	19.48	19.42	21.2	0
5	64QAM	12	7	19.53	19.43	19.52	19.62		
5	64QAM	12	13	19.66	19.65	19.53	19.50		
5	64QAM	25	0	19.63	19.62	19.46	19.64		
5	256QAM	1	0	18.63	18.76	18.49	18.54	20.2	1
5	256QAM	1	12	18.60	18.67	18.68	18.70		
5	256QAM	1	24	18.63	18.68	18.53	18.57		
5	256QAM	12	0	18.69	18.69	18.64	18.56	20.2	1
5	256QAM	12	7	18.53	18.53	18.65	18.73		
5	256QAM	12	13	18.61	18.58	18.56	18.62		
5	256QAM	25	0	18.65	18.66	18.58	18.67		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.94	17.96	17.85	18.7	0
20	QPSK	1	49	17.79	17.91	17.90		
20	QPSK	1	99	17.82	17.92	17.90		
20	QPSK	50	0	17.81	17.92	17.80	18.7	0
20	QPSK	50	24	17.80	17.89	17.84		
20	QPSK	50	50	17.84	17.83	17.82		
20	QPSK	100	0	17.81	17.93	17.80	18.7	0
20	16QAM	1	0	17.91	17.91	17.82		
20	16QAM	1	49	17.69	17.82	17.85		
20	16QAM	1	99	17.78	17.91	17.79	18.7	0
20	16QAM	50	0	17.71	17.90	17.77		
20	16QAM	50	24	17.77	17.82	17.76		
20	16QAM	50	50	17.82	17.79	17.72	18.7	0
20	16QAM	100	0	17.80	17.91	17.71		
20	64QAM	1	0	17.89	17.87	17.82		
20	64QAM	1	49	17.74	17.84	17.81		
20	64QAM	1	99	17.72	17.86	17.87	18.7	0
20	64QAM	50	0	17.77	17.87	17.70		
20	64QAM	50	24	17.77	17.79	17.75		
20	64QAM	50	50	17.78	17.73	17.74	18.7	0
20	64QAM	100	0	17.77	17.84	17.76		
20	256QAM	1	0	17.88	17.90	17.78		
20	256QAM	1	49	17.71	17.85	17.87	18.7	0
20	256QAM	1	99	17.74	17.82	17.84		
20	256QAM	50	0	17.73	17.88	17.69		
20	256QAM	50	24	17.69	17.81	17.74	18.7	0
20	256QAM	50	50	17.78	17.78	17.71		
20	256QAM	100	0	17.76	17.83	17.70		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.87	17.88	17.76	18.7	0
15	QPSK	1	37	17.70	17.83	17.84		
15	QPSK	1	74	17.75	17.87	17.81		
15	QPSK	36	0	17.80	17.87	17.71		
15	QPSK	36	20	17.76	17.82	17.77	18.7	0
15	QPSK	36	39	17.76	17.74	17.80		
15	QPSK	75	0	17.75	17.84	17.69		
15	16QAM	1	0	17.90	17.89	17.72	18.7	0
15	16QAM	1	37	17.64	17.71	17.81		
15	16QAM	1	74	17.75	17.86	17.72		
15	16QAM	36	0	17.69	17.83	17.74		
15	16QAM	36	20	17.72	17.77	17.68	18.7	0
15	16QAM	36	39	17.79	17.75	17.63		
15	16QAM	75	0	17.71	17.83	17.64		
15	64QAM	1	0	17.85	17.84	17.75		
15	64QAM	1	37	17.67	17.79	17.77	18.7	0
15	64QAM	1	74	17.64	17.75	17.86		
15	64QAM	36	0	17.75	17.83	17.61		
15	64QAM	36	20	17.70	17.69	17.66	18.7	0
15	64QAM	36	39	17.68	17.83	17.69		
15	64QAM	75	0	17.75	17.77	17.71		
15	256QAM	1	0	17.85	17.85	17.75		
15	256QAM	1	37	17.63	17.80	17.83	18.7	0
15	256QAM	1	74	17.67	17.78	17.79		
15	256QAM	36	0	17.62	17.81	17.63		
15	256QAM	36	20	17.61	17.73	17.64	18.7	0
15	256QAM	36	39	17.71	17.76	17.69		
15	256QAM	75	0	17.66	17.77	17.60		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.84	17.94	17.84	18.7	0
10	QPSK	1	25	17.68	17.85	17.88		
10	QPSK	1	49	17.75	17.86	17.80		
10	QPSK	25	0	17.77	17.83	17.78		
10	QPSK	25	12	17.77	17.83	17.83	18.7	0
10	QPSK	25	25	17.83	17.73	17.74		
10	QPSK	50	0	17.75	17.85	17.76		
10	16QAM	1	0	17.87	17.85	17.79		
10	16QAM	1	25	17.64	17.73	17.75	18.7	0
10	16QAM	1	49	17.73	17.83	17.72		
10	16QAM	25	0	17.68	17.89	17.70		
10	16QAM	25	12	17.68	17.74	17.74	18.7	0
10	16QAM	25	25	17.76	17.72	17.69		
10	16QAM	50	0	17.73	17.88	17.68		
10	64QAM	1	0	17.80	17.79	17.73		
10	64QAM	1	25	17.65	17.82	17.77	18.7	0
10	64QAM	1	49	17.64	17.83	17.85		
10	64QAM	25	0	17.75	17.85	17.60		
10	64QAM	25	12	17.67	17.72	17.68	18.7	0
10	64QAM	25	25	17.74	17.71	17.65		
10	64QAM	50	0	17.69	17.77	17.72		
10	256QAM	1	0	17.79	17.80	17.75		
10	256QAM	1	25	17.65	17.75	17.83	18.7	0
10	256QAM	1	49	17.64	17.72	17.77		
10	256QAM	25	0	17.64	17.82	17.61		
10	256QAM	25	12	17.61	17.73	17.71	18.7	0
10	256QAM	25	25	17.72	17.74	17.64		
10	256QAM	50	0	17.72	17.76	17.60		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.91	17.94	17.76	18.7	0
5	QPSK	1	12	17.74	17.90	17.81		
5	QPSK	1	24	17.73	17.86	17.87		
5	QPSK	12	0	17.78	17.88	17.70		
5	QPSK	12	7	17.69	17.78	17.77	18.7	0
5	QPSK	12	13	17.81	17.80	17.73		
5	QPSK	25	0	17.76	17.91	17.72		
5	16QAM	1	0	17.86	17.82	17.72		
5	16QAM	1	12	17.60	17.77	17.84	18.7	0
5	16QAM	1	24	17.72	17.87	17.73		
5	16QAM	12	0	17.69	17.85	17.67		
5	16QAM	12	7	17.73	17.81	17.66	18.7	0
5	16QAM	12	13	17.74	17.77	17.70		
5	16QAM	25	0	17.71	17.89	17.64		
5	64QAM	1	0	17.81	17.85	17.81		
5	64QAM	1	12	17.65	17.74	17.79	18.7	0
5	64QAM	1	24	17.69	17.82	17.83		
5	64QAM	12	0	17.68	17.76	17.65		
5	64QAM	12	7	17.70	17.74	17.68	18.7	0
5	64QAM	12	13	17.73	17.68	17.64		
5	64QAM	25	0	17.73	17.83	17.67		
5	256QAM	1	0	17.79	17.80	17.71		
5	256QAM	1	12	17.61	17.80	17.78	18.7	0
5	256QAM	1	24	17.67	17.77	17.74		
5	256QAM	12	0	17.66	17.79	17.59		
5	256QAM	12	7	17.64	17.76	17.64	18.7	0
5	256QAM	12	13	17.68	17.75	17.60		
5	256QAM	25	0	17.70	17.82	17.60		

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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	17.38	17.69	17.51	17.31	18.2	0
20	QPSK	1	49	17.43	17.57	17.49	17.51		
20	QPSK	1	99	17.44	17.54	17.46	17.58		
20	QPSK	50	0	17.45	17.67	17.60	17.59		
20	QPSK	50	24	17.44	17.66	17.42	17.55		
20	QPSK	50	50	17.57	17.57	17.56	17.47		
20	QPSK	100	0	17.49	17.52	17.48	17.51		
20	16QAM	1	0	17.36	17.62	17.48	17.24		
20	16QAM	1	49	17.41	17.49	17.43	17.49		
20	16QAM	1	99	17.42	17.46	17.41	17.53		
20	16QAM	50	0	17.43	17.58	17.50	17.58		
20	16QAM	50	24	17.39	17.64	17.31	17.51		
20	16QAM	50	50	17.48	17.52	17.47	17.39		
20	16QAM	100	0	17.43	17.41	17.46	17.42		
20	64QAM	1	0	17.27	17.66	17.44	17.23		
20	64QAM	1	49	17.37	17.49	17.42	17.42		
20	64QAM	1	99	17.42	17.52	17.41	17.56		
20	64QAM	50	0	17.43	17.60	17.59	17.54		
20	64QAM	50	24	17.43	17.59	17.33	17.52		
20	64QAM	50	50	17.50	17.54	17.48	17.43		
20	64QAM	100	0	17.45	17.43	17.41	17.41		
20	256QAM	1	0	17.31	17.59	17.48	17.23		
20	256QAM	1	49	17.39	17.47	17.43	17.47		
20	256QAM	1	99	17.40	17.48	17.36	17.55		
20	256QAM	50	0	17.40	17.64	17.53	17.49		
20	256QAM	50	24	17.36	17.58	17.33	17.48		
20	256QAM	50	50	17.47	17.53	17.47	17.37		
20	256QAM	100	0	17.41	17.45	17.46	17.47		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.36	17.63	17.50	17.29	18.2	0
15	QPSK	1	37	17.37	17.56	17.44	17.45		
15	QPSK	1	74	17.38	17.46	17.39	17.52		
15	QPSK	36	0	17.35	17.59	17.50	17.58		
15	QPSK	36	20	17.39	17.62	17.39	17.53	18.2	0
15	QPSK	36	39	17.50	17.52	17.49	17.37		
15	QPSK	75	0	17.44	17.50	17.40	17.46		
15	16QAM	1	0	17.28	17.60	17.47	17.18		
15	16QAM	1	37	17.37	17.44	17.32	17.47	18.2	0
15	16QAM	1	74	17.39	17.44	17.38	17.47		
15	16QAM	36	0	17.39	17.51	17.56	17.55		
15	16QAM	36	20	17.29	17.55	17.21	17.50	18.2	0
15	16QAM	36	39	17.43	17.42	17.45	17.29		
15	16QAM	75	0	17.39	17.33	17.44	17.33		
15	64QAM	1	0	17.22	17.58	17.41	17.16		
15	64QAM	1	37	17.36	17.46	17.39	17.32	18.2	0
15	64QAM	1	74	17.37	17.42	17.35	17.47		
15	64QAM	36	0	17.41	17.50	17.56	17.50		
15	64QAM	36	20	17.34	17.58	17.30	17.49	18.2	0
15	64QAM	36	39	17.40	17.44	17.37	17.33		
15	64QAM	75	0	17.35	17.35	17.40	17.32		
15	256QAM	1	0	17.25	17.48	17.42	17.15		
15	256QAM	1	37	17.35	17.41	17.35	17.43	18.2	0
15	256QAM	1	74	17.34	17.39	17.29	17.52		
15	256QAM	36	0	17.31	17.56	17.51	17.46		
15	256QAM	36	20	17.28	17.56	17.25	17.43	18.2	0
15	256QAM	36	39	17.46	17.47	17.36	17.35		
15	256QAM	75	0	17.35	17.37	17.43	17.46		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.32	17.67	17.49	17.29	18.2	0
10	QPSK	1	25	17.35	17.54	17.45	17.41		
10	QPSK	1	49	17.37	17.50	17.44	17.49		
10	QPSK	25	0	17.39	17.63	17.53	17.51		
10	QPSK	25	12	17.37	17.57	17.36	17.54	18.2	0
10	QPSK	25	25	17.48	17.54	17.50	17.44		
10	QPSK	50	0	17.45	17.43	17.40	17.46		
10	16QAM	1	0	17.31	17.56	17.42	17.19		
10	16QAM	1	25	17.30	17.46	17.38	17.47	18.2	0
10	16QAM	1	49	17.39	17.36	17.33	17.52		
10	16QAM	25	0	17.38	17.56	17.55	17.52		
10	16QAM	25	12	17.33	17.55	17.24	17.43	18.2	0
10	16QAM	25	25	17.38	17.49	17.37	17.29		
10	16QAM	50	0	17.38	17.37	17.41	17.32		
10	64QAM	1	0	17.17	17.64	17.41	17.15		
10	64QAM	1	25	17.32	17.46	17.33	17.33	18.2	0
10	64QAM	1	49	17.34	17.44	17.37	17.55		
10	64QAM	25	0	17.37	17.54	17.56	17.52		
10	64QAM	25	12	17.40	17.51	17.22	17.49	18.2	0
10	64QAM	25	25	17.46	17.44	17.46	17.34		
10	64QAM	50	0	17.37	17.36	17.32	17.31		
10	256QAM	1	0	17.23	17.55	17.43	17.14		
10	256QAM	1	25	17.31	17.39	17.34	17.39	18.2	0
10	256QAM	1	49	17.38	17.38	17.26	17.47		
10	256QAM	25	0	17.29	17.54	17.49	17.42		
10	256QAM	25	12	17.32	17.54	17.27	17.46	18.2	0
10	256QAM	25	25	17.43	17.45	17.45	17.33		
10	256QAM	50	0	17.34	17.37	17.44	17.37		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.37	17.63	17.48	17.22	18.2	0
5	QPSK	1	12	17.40	17.50	17.38	17.46		
5	QPSK	1	24	17.40	17.52	17.43	17.56		
5	QPSK	12	0	17.40	17.59	17.58	17.51		
5	QPSK	12	7	17.35	17.61	17.41	17.52	18.2	0
5	QPSK	12	13	17.51	17.47	17.48	17.41		
5	QPSK	25	0	17.45	17.51	17.45	17.41		
5	16QAM	1	0	17.30	17.55	17.45	17.17		
5	16QAM	1	12	17.38	17.44	17.32	17.38	18.2	0
5	16QAM	1	24	17.37	17.38	17.36	17.45		
5	16QAM	12	0	17.33	17.50	17.50	17.50		
5	16QAM	12	7	17.31	17.62	17.26	17.47	18.2	0
5	16QAM	12	13	17.43	17.47	17.37	17.36		
5	16QAM	25	0	17.39	17.36	17.43	17.34		
5	64QAM	1	0	17.26	17.60	17.39	17.20		
5	64QAM	1	12	17.34	17.44	17.36	17.32	18.2	0
5	64QAM	1	24	17.39	17.48	17.34	17.48		
5	64QAM	12	0	17.39	17.59	17.56	17.46		
5	64QAM	12	7	17.35	17.56	17.29	17.48	18.2	0
5	64QAM	12	13	17.48	17.51	17.42	17.37		
5	64QAM	25	0	17.39	17.33	17.38	17.37		
5	256QAM	1	0	17.24	17.56	17.45	17.19		
5	256QAM	1	12	17.35	17.36	17.32	17.39	18.2	0
5	256QAM	1	24	17.30	17.39	17.26	17.46		
5	256QAM	12	0	17.31	17.58	17.42	17.40		
5	256QAM	12	7	17.27	17.53	17.26	17.40	18.2	0
5	256QAM	12	13	17.38	17.50	17.41	17.34		
5	256QAM	25	0	17.32	17.35	17.38	17.43		

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.94	17.96	17.85	18.5	0
20	QPSK	1	49	17.79	17.91	17.90		
20	QPSK	1	99	17.82	17.92	17.90		
20	QPSK	50	0	17.81	17.86	17.80	18.5	0
20	QPSK	50	24	17.80	17.81	17.84		
20	QPSK	50	50	17.84	17.83	17.82		
20	QPSK	100	0	17.81	17.93	17.80	18.5	0
20	16QAM	1	0	17.90	17.89	17.81		
20	16QAM	1	49	17.77	17.86	17.88		
20	16QAM	1	99	17.77	17.87	17.87		
20	16QAM	50	0	17.75	17.84	17.70	18.5	0
20	16QAM	50	24	17.71	17.74	17.80		
20	16QAM	50	50	17.82	17.75	17.79		
20	16QAM	100	0	17.78	17.91	17.74	18.5	0
20	64QAM	1	0	17.83	17.95	17.81		
20	64QAM	1	49	17.76	17.89	17.87		
20	64QAM	1	99	17.80	17.81	17.85		
20	64QAM	50	0	17.70	17.77	17.78	18.5	0
20	64QAM	50	24	17.70	17.79	17.75		
20	64QAM	50	50	17.81	17.78	17.76		
20	64QAM	100	0	17.70	17.84	17.78	18.5	0
20	256QAM	1	0	17.83	17.88	17.83		
20	256QAM	1	49	17.74	17.84	17.87		
20	256QAM	1	99	17.75	17.81	17.87		
20	256QAM	50	0	17.79	17.83	17.79	18.5	0
20	256QAM	50	24	17.77	17.73	17.74		
20	256QAM	50	50	17.79	17.78	17.75		
20	256QAM	100	0	17.71	17.87	17.69	18.5	0
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.87	17.92	17.80	18.5	0
15	QPSK	1	37	17.69	17.87	17.88		
15	QPSK	1	74	17.80	17.83	17.82		
15	QPSK	36	0	17.75	17.82	17.71	18.5	0
15	QPSK	36	20	17.71	17.77	17.82		
15	QPSK	36	39	17.75	17.74	17.80		
15	QPSK	75	0	17.72	17.84	17.77	18.5	0
15	16QAM	1	0	17.84	17.83	17.79		
15	16QAM	1	37	17.69	17.76	17.85		
15	16QAM	1	74	17.69	17.79	17.85		
15	16QAM	36	0	17.71	17.76	17.64	18.5	0
15	16QAM	36	20	17.60	17.70	17.74		
15	16QAM	36	39	17.78	17.68	17.71		
15	16QAM	75	0	17.76	17.90	17.73	18.5	0
15	64QAM	1	0	17.75	17.91	17.80		
15	64QAM	1	37	17.68	17.83	17.81		
15	64QAM	1	74	17.72	17.80	17.84		
15	64QAM	36	0	17.68	17.66	17.70	18.5	0
15	64QAM	36	20	17.63	17.72	17.67		
15	64QAM	36	39	17.74	17.74	17.71		
15	64QAM	75	0	17.64	17.79	17.69	18.5	0
15	256QAM	1	0	17.81	17.84	17.79		
15	256QAM	1	37	17.64	17.78	17.79		
15	256QAM	1	74	17.70	17.74	17.77		
15	256QAM	36	0	17.69	17.74	17.77	18.5	0
15	256QAM	36	20	17.68	17.65	17.71		
15	256QAM	36	39	17.72	17.72	17.69		
15	256QAM	75	0	17.62	17.82	17.65	18.5	0
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.84	17.94	17.83	18.5	0
10	QPSK	1	25	17.68	17.88	17.84		
10	QPSK	1	49	17.76	17.87	17.80		
10	QPSK	25	0	17.74	17.81	17.77	18.5	0
10	QPSK	25	12	17.79	17.71	17.81		
10	QPSK	25	25	17.82	17.81	17.72		
10	QPSK	50	0	17.76	17.86	17.76	18.5	0
10	16QAM	1	0	17.86	17.82	17.74		
10	16QAM	1	25	17.75	17.77	17.78		
10	16QAM	1	49	17.73	17.85	17.80	18.5	0
10	16QAM	25	0	17.69	17.74	17.66		
10	16QAM	25	12	17.65	17.73	17.70		
10	16QAM	25	25	17.71	17.74	17.77		
10	16QAM	50	0	17.74	17.90	17.73	18.5	0
10	64QAM	1	0	17.76	17.91	17.71		
10	64QAM	1	25	17.69	17.86	17.79		
10	64QAM	1	49	17.77	17.72	17.80		
10	64QAM	25	0	17.63	17.73	17.75	18.5	0
10	64QAM	25	12	17.69	17.78	17.70		
10	64QAM	25	25	17.74	17.72	17.71		
10	64QAM	50	0	17.65	17.77	17.68	18.5	0
10	256QAM	1	0	17.80	17.82	17.78		
10	256QAM	1	25	17.70	17.82	17.84		
10	256QAM	1	49	17.64	17.72	17.79		
10	256QAM	25	0	17.76	17.79	17.78	18.5	0
10	256QAM	25	12	17.75	17.71	17.72		
10	256QAM	25	25	17.69	17.68	17.70		
10	256QAM	50	0	17.66	17.81	17.63	18.5	0
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.84	17.93	17.82	18.5	0
5	QPSK	1	12	17.69	17.86	17.85		
5	QPSK	1	24	17.81	17.83	17.85		
5	QPSK	12	0	17.75	17.76	17.69	18.5	0
5	QPSK	12	7	17.78	17.73	17.81		
5	QPSK	12	13	17.79	17.79	17.74		
5	QPSK	25	0	17.72	17.85	17.77	18.5	0
5	16QAM	1	0	17.80	17.85	17.77		
5	16QAM	1	12	17.69	17.83	17.84		
5	16QAM	1	24	17.75	17.85	17.80	18.5	0
5	16QAM	12	0	17.66	17.77	17.61		
5	16QAM	12	7	17.70	17.67	17.79		
5	16QAM	12	13	17.71	17.72	17.73		
5	16QAM	25	0	17.75	17.89	17.71	18.5	0
5	64QAM	1	0	17.76	17.86	17.74		
5	64QAM	1	12	17.68	17.88	17.85		
5	64QAM	1	24	17.79	17.78	17.84	18.5	0
5	64QAM	12	0	17.61	17.72	17.69		
5	64QAM	12	7	17.65	17.71	17.72		
5	64QAM	12	13	17.70	17.77	17.70		
5	64QAM	25	0	17.63	17.79	17.77	18.5	0
5	256QAM	1	0	17.79	17.82	17.75		
5	256QAM	1	12	17.71	17.83	17.77		
5	256QAM	1	24	17.65	17.71	17.80		
5	256QAM	12	0	17.73	17.74	17.76	18.5	0
5	256QAM	12	7	17.75	17.62	17.67		
5	256QAM	12	13	17.76	17.74	17.67		
5	256QAM	25	0	17.60	17.85	17.62		

Band 48 Ant8 DSI4

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	17.15	17.29	17.11	17.05	18.5	0
20	QPSK	1	49	17.19	17.15	17.16	17.05		
20	QPSK	1	99	17.16	17.09	17.08	17.19		
20	QPSK	50	0	17.24	17.27	17.09	17.07	18.5	0
20	QPSK	50	24	17.22	17.26	17.16	17.10		
20	QPSK	50	50	17.21	17.16	17.14	17.10		
20	QPSK	100	0	17.22	17.25	17.18	17.22	18.5	0
20	16QAM	1	0	17.04	17.21	17.08	17.00		
20	16QAM	1	49	17.14	17.05	17.09	17.03		
20	16QAM	1	99	17.09	17.00	16.98	17.15		
20	16QAM	50	0	17.22	17.24	17.03	17.06	18.5	0
20	16QAM	50	24	17.15	17.24	17.13	17.05		
20	16QAM	50	50	17.19	17.12	17.09	17.02		
20	16QAM	100	0	17.21	17.19	17.09	17.19	18.5	0
20	64QAM	1	0	17.09	17.26	17.09	16.97		
20	64QAM	1	49	17.18	17.11	17.07	17.00		
20	64QAM	1	99	17.09	17.02	17.04	17.12		
20	64QAM	50	0	17.19	17.17	17.04	16.98	18.5	0
20	64QAM	50	24	17.11	17.24	17.12	17.04		
20	64QAM	50	50	17.17	17.09	17.09	17.01		
20	64QAM	100	0	17.11	17.22	17.11	17.20	18.5	0
20	256QAM	1	0	15.14	15.29	15.10	15.03		
20	256QAM	1	49	15.15	15.20	15.13	15.09	16.5	2
20	256QAM	1	99	15.13	15.11	15.06	15.20		
20	256QAM	50	0	15.20	15.22	15.10	15.03	16.5	2
20	256QAM	50	24	15.23	15.25	15.18	15.06		
20	256QAM	50	50	15.23	15.18	15.12	15.09		
20	256QAM	100	0	15.24	15.26	15.17	15.21	16.5	2
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.08	17.28	17.01	16.98	18.5	0
15	QPSK	1	37	17.17	17.06	17.11	16.94		
15	QPSK	1	74	17.13	17.05	17.07	17.12		
15	QPSK	36	0	17.23	17.18	17.05	16.99	18.5	0
15	QPSK	36	20	17.14	17.19	17.11	17.00		
15	QPSK	36	39	17.13	17.07	17.06	17.03		
15	QPSK	75	0	17.20	17.17	17.11	17.16	18.5	0
15	16QAM	1	0	16.96	17.17	17.01	16.96		
15	16QAM	1	37	17.13	16.96	16.99	17.00		
15	16QAM	1	74	17.05	16.96	16.93	17.12		
15	16QAM	36	0	17.12	17.20	16.95	16.98	18.5	0
15	16QAM	36	20	17.10	17.18	17.05	16.96		
15	16QAM	36	39	17.14	17.04	17.08	16.98		
15	16QAM	75	0	17.12	17.10	17.01	17.17	18.5	0
15	64QAM	1	0	17.06	17.16	16.99	16.95		
15	64QAM	1	37	17.09	17.04	17.06	16.91		
15	64QAM	1	74	17.03	16.93	16.93	17.09		
15	64QAM	36	0	17.14	17.15	16.95	16.93	18.5	0
15	64QAM	36	20	17.03	17.19	17.08	17.00		
15	64QAM	36	39	17.08	17.04	17.06	16.97		
15	64QAM	75	0	17.07	17.15	17.01	17.11	18.5	0
15	256QAM	1	0	15.06	15.24	15.02	15.02		
15	256QAM	1	37	15.08	15.11	15.08	14.99		
15	256QAM	1	74	15.11	15.01	14.96	15.16		
15	256QAM	36	0	15.10	15.14	15.01	14.96	16.5	2
15	256QAM	36	20	15.21	15.21	15.12	15.01		
15	256QAM	36	39	15.20	15.13	15.06	15.01		
15	256QAM	75	0	15.22	15.23	15.15	15.16	16.5	2
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.13	17.19	17.01	16.95	18.5	0
10	QPSK	1	25	17.15	17.09	17.12	16.96		
10	QPSK	1	49	17.15	17.03	16.99	17.09		
10	QPSK	25	0	17.23	17.20	16.99	17.04	18.5	0
10	QPSK	25	12	17.19	17.23	17.13	17.02		
10	QPSK	25	25	17.11	17.08	17.09	17.02		
10	QPSK	50	0	17.16	17.16	17.15	17.16	18.5	0
10	16QAM	1	0	17.02	17.16	17.02	16.92		
10	16QAM	1	25	17.06	16.99	16.99	17.00		
10	16QAM	1	49	17.01	16.98	16.97	17.05	18.5	0
10	16QAM	25	0	17.11	17.17	16.99	17.05		
10	16QAM	25	12	17.12	17.20	17.02	16.97		
10	16QAM	25	25	17.10	17.02	16.99	17.01		
10	16QAM	50	0	17.11	17.13	17.02	17.10	18.5	0
10	64QAM	1	0	17.00	17.19	17.01	16.92		
10	64QAM	1	25	17.10	17.07	17.02	16.99		
10	64QAM	1	49	17.07	16.97	16.97	17.05		
10	64QAM	25	0	17.16	17.15	17.02	16.88	18.5	0
10	64QAM	25	12	17.10	17.19	17.07	16.94		
10	64QAM	25	25	17.12	17.02	17.03	16.96		
10	64QAM	50	0	17.02	17.12	17.09	17.11	18.5	0
10	256QAM	1	0	15.06	15.26	15.07	14.99		
10	256QAM	1	25	15.14	15.18	15.06	15.08		
10	256QAM	1	49	15.05	15.01	15.02	15.17		
10	256QAM	25	0	15.11	15.14	15.06	14.92	16.5	2
10	256QAM	25	12	15.13	15.14	15.16	15.02		
10	256QAM	25	25	15.19	15.14	15.03	15.00		
10	256QAM	50	0	15.16	15.21	15.11	15.12	16.5	2
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.12	17.24	17.08	16.94	18.5	0
5	QPSK	1	12	17.12	17.08	17.06	17.04		
5	QPSK	1	24	17.14	17.04	17.04	17.10		
5	QPSK	12	0	17.13	17.17	17.07	17.00	18.5	0
5	QPSK	12	7	17.14	17.21	17.10	17.08		
5	QPSK	12	13	17.14	17.14	17.12	17.06		
5	QPSK	25	0	17.12	17.22	17.12	17.19	18.5	0
5	16QAM	1	0	17.03	17.19	17.06	16.94		
5	16QAM	1	12	17.12	17.01	17.06	16.92		
5	16QAM	1	24	17.05	16.95	16.91	17.09	18.5	0
5	16QAM	12	0	17.15	17.20	16.93	17.01		
5	16QAM	12	7	17.05	17.19	17.06	16.95		
5	16QAM	12	13	17.15	17.05	17.00	16.98	18.5	0
5	16QAM	25	0	17.17	17.09	17.06	17.15		
5	64QAM	1	0	17.06	17.21	17.05	16.95		
5	64QAM	1	12	17.11	17.08	17.02	16.97	18.5	0
5	64QAM	1	24	17.05	17.00	17.01	17.04		
5	64QAM	12	0	17.12	17.08	17.02	16.94	18.5	0
5	64QAM	12	7	17.04	17.21	17.10	17.01		
5	64QAM	12	13	17.07	17.00	17.00	16.97		
5	64QAM	25	0	17.04	17.19	17.09	17.13		
5	256QAM	1	0	15.09	15.24	15.01	14.99	16.5	2
5	256QAM	1	12	15.08	15.12	15.04	15.02		
5	256QAM	1	24	15.03	15.06	14.96	15.12		
5	256QAM	12	0	15.12	15.18	15.02	14.98	16.5	2
5	256QAM	12	7	15.20	15.21	15.16	14.98		
5	256QAM	12	13	15.22	15.16	15.09	15.03		
5	256QAM	25	0	15.23	15.18	15.13	15.19		

Reduced Power Mode for SA DSI 5

	GSM850 Ant0 DSI5							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.84	32.90	32.87	34.50	23.84	23.90	23.87	25.50
GPRS 1 Tx slot	32.89	32.91	32.81	34.50	23.89	23.91	23.81	25.50
GPRS 2 Tx slots	30.16	30.18	30.17	31.50	24.16	24.18	24.17	25.50
GPRS 3 Tx slots	28.23	28.31	28.22	29.70	23.97	24.05	23.96	25.44
GPRS 4 Tx slots	27.13	27.15	27.08	28.50	24.13	24.15	24.08	25.50
EDGE 1 Tx slot	27.29	27.31	27.26	28.50	18.29	18.31	18.28	19.50
EDGE 2 Tx slots	24.91	24.94	24.91	25.50	18.91	18.94	18.91	19.50
EDGE 3 Tx slots	23.13	23.18	23.16	23.70	18.87	18.92	18.90	19.44
EDGE 4 Tx slots	21.68	21.73	21.72	22.50	18.68	18.73	18.72	19.50

		WCDMA V Ant0 DSI5				WCDMA IV Ant0 DSI5			
Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.85	24.84	24.82	25.70	21.94	22.07	22.00	23.80
3GPP Rel 99	RMC 12.2Kbps	24.91	24.95	24.93	25.70	22.02	22.15	22.01	23.80
3GPP Rel 6	HSDPA Subtest-1	23.71	24.01	23.75	24.70	21.11	21.41	21.14	22.80
3GPP Rel 6	HSDPA Subtest-2	23.66	23.86	23.62	24.70	21.05	21.23	21.25	22.80
3GPP Rel 6	HSDPA Subtest-3	23.16	23.27	23.21	24.20	20.57	20.70	20.60	22.30
3GPP Rel 6	HSDPA Subtest-4	23.31	23.25	23.16	24.20	20.69	20.68	20.60	22.30
3GPP Rel 8	DC-HSDPA Subtest-1	23.61	23.69	23.63	24.70	21.01	21.13	21.05	22.80
3GPP Rel 8	DC-HSDPA Subtest-2	23.64	23.85	23.73	24.70	21.03	21.21	21.15	22.80
3GPP Rel 8	DC-HSDPA Subtest-3	23.33	23.36	23.30	24.20	20.73	20.76	20.74	22.30
3GPP Rel 8	DC-HSDPA Subtest-4	23.36	23.25	23.17	24.20	20.74	20.68	20.55	22.30
3GPP Rel 6	HSUPA Subtest-1	23.79	24.00	23.80	24.70	21.19	21.36	21.24	22.80
3GPP Rel 6	HSUPA Subtest-2	21.77	21.76	21.89	22.70	19.19	19.18	19.29	20.80
3GPP Rel 6	HSUPA Subtest-3	22.75	22.90	22.80	23.70	20.16	20.30	20.22	21.80
3GPP Rel 6	HSUPA Subtest-4	21.63	21.94	21.62	22.70	19.04	19.31	19.06	20.80
3GPP Rel 6	HSUPA Subtest-5	23.55	23.68	23.76	24.70	20.99	21.30	21.14	22.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.27	21.32	21.21	22.20	18.63	18.68	18.57	20.30

Band 4 Ant0 Other PA DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	25	25.12	25.01	25.7	0
20	QPSK	1	49	24.98	25.09	25.02		
20	QPSK	1	99	24.95	25.02	25		
20	QPSK	50	0	23.91	24.04	23.99	24.7	1
20	QPSK	50	24	23.91	24.03	23.89		
20	QPSK	50	50	23.83	23.93	23.82		
20	QPSK	100	0	23.96	24.05	23.94		
20	16QAM	1	0	23.83	23.94	23.89	24.7	1
20	16QAM	1	49	23.91	24	23.91		
20	16QAM	1	99	23.89	23.99	23.93		
20	16QAM	50	0	22.77	22.85	22.75	23.7	2
20	16QAM	50	24	22.74	22.76	22.71		
20	16QAM	50	50	22.74	22.83	22.81		
20	16QAM	100	0	22.71	22.79	22.74		
20	64QAM	1	0	22.82	22.92	22.88	23.7	2
20	64QAM	1	49	22.72	22.77	22.68		
20	64QAM	1	99	22.74	22.75	22.71		
20	64QAM	50	0	21.77	21.82	21.8	22.7	3
20	64QAM	50	24	21.63	21.71	21.62		
20	64QAM	50	50	21.62	21.73	21.65		
20	64QAM	100	0	21.8	21.82	21.79		
20	256QAM	1	0	19.95	20.03	19.98	20.7	5
20	256QAM	1	49	19.97	20	19.96		
20	256QAM	1	99	19.89	19.96	19.91		
20	256QAM	50	0	19.7	19.81	19.76	20.7	5
20	256QAM	50	24	19.89	19.95	19.91		
20	256QAM	50	50	19.94	19.96	19.97		
20	256QAM	100	0	19.74	19.8	19.77		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.9	25.03	24.96	25.7	0
15	QPSK	1	37	24.94	25.01	24.97		
15	QPSK	1	74	24.9	24.98	24.95		
15	QPSK	36	0	23.85	23.9	23.95	24.7	1
15	QPSK	36	20	23.82	23.9	23.8		
15	QPSK	36	39	23.73	23.91	23.77		
15	QPSK	75	0	23.87	24.02	23.87		
15	16QAM	1	0	23.77	23.86	23.79	24.7	1
15	16QAM	1	37	23.89	23.9	23.87		
15	16QAM	1	74	23.79	23.94	23.84		
15	16QAM	36	0	22.7	22.8	22.67	23.7	2
15	16QAM	36	20	22.64	22.71	22.69		
15	16QAM	36	39	22.67	22.77	22.79		
15	16QAM	75	0	22.66	22.77	22.7		
15	64QAM	1	0	22.8	22.91	22.84	23.7	2
15	64QAM	1	37	22.67	22.76	22.65		
15	64QAM	1	74	22.73	22.65	22.61		
15	64QAM	36	0	21.76	21.73	21.75	22.7	3
15	64QAM	36	20	21.53	21.63	21.51		
15	64QAM	36	39	21.53	21.65	21.62		
15	64QAM	75	0	21.74	21.8	21.68		
15	256QAM	1	0	19.92	19.95	19.93	20.7	5
15	256QAM	1	37	19.87	19.96	19.85		
15	256QAM	1	74	19.79	19.89	19.84		
15	256QAM	36	0	19.66	19.72	19.73	20.7	5
15	256QAM	36	20	19.8	19.94	19.83		
15	256QAM	36	39	19.83	19.93	19.9		
15	256QAM	75	0	19.68	19.72	19.75		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.91	25.05	24.93	25.7	0
10	QPSK	1	25	24.89	25.05	24.99		
10	QPSK	1	49	24.85	24.94	24.98		
10	QPSK	25	0	23.87	23.94	23.95	24.7	1
10	QPSK	25	12	23.84	23.84	23.85		
10	QPSK	25	25	23.74	23.89	23.79		
10	QPSK	50	0	23.88	24	23.86		
10	16QAM	1	0	23.75	23.92	23.84	24.7	1
10	16QAM	1	25	23.9	23.9	23.82		
10	16QAM	1	49	23.85	23.92	23.85		
10	16QAM	25	0	22.76	22.74	22.74	23.7	2
10	16QAM	25	12	22.68	22.74	22.67		
10	16QAM	25	25	22.67	22.82	22.73		
10	16QAM	50	0	22.66	22.77	22.71		
10	64QAM	1	0	22.8	22.88	22.79	23.7	2
10	64QAM	1	25	22.65	22.66	22.61		
10	64QAM	1	49	22.68	22.69	22.69		
10	64QAM	25	0	21.71	21.77	21.76	22.7	3
10	64QAM	25	12	21.52	21.69	21.55		
10	64QAM	25	25	21.59	21.65	21.54		
10	64QAM	50	0	21.76	21.77	21.7		
10	256QAM	1	0	19.93	19.96	19.96	20.7	5
10	256QAM	1	25	19.94	19.98	19.85		
10	256QAM	1	49	19.82	19.85	19.81		
10	256QAM	25	0	19.63	19.79	19.74	20.7	5
10	256QAM	25	12	19.83	19.93	19.86		
10	256QAM	25	25	19.87	19.91	19.87		
10	256QAM	50	0	19.65	19.7	19.66		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.9	25.09	24.97	25.7	0
5	QPSK	1	12	24.93	25.05	24.97		
5	QPSK	1	24	24.88	24.94	24.94		
5	QPSK	12	0	23.87	23.96	23.91	24.7	1
5	QPSK	12	7	23.81	23.85	23.86		
5	QPSK	12	13	23.75	23.87	23.78		
5	QPSK	25	0	23.89	24	23.85		
5	16QAM	1	0	23.74	23.85	23.87	24.7	1
5	16QAM	1	12	23.82	23.97	23.83		
5	16QAM	1	24	23.84	23.94	23.86		
5	16QAM	12	0	22.67	22.8	22.66	23.7	2
5	16QAM	12	7	22.66	22.74	22.63		
5	16QAM	12	13	22.63	22.73	22.73		
5	16QAM	25	0	22.65	22.68	22.67		
5	64QAM	1	0	22.72	22.9	22.82	23.7	2
5	64QAM	1	12	22.64	22.75	22.58		
5	64QAM	1	24	22.66	22.72	22.66		
5	64QAM	12	0	21.67	21.75	21.74	22.7	3
5	64QAM	12	7	21.58	21.69	21.57		
5	64QAM	12	13	21.61	21.64	21.55		
5	64QAM	25	0	21.74	21.77	21.73		
5	256QAM	1	0	19.84	19.99	19.97	20.7	5
5	256QAM	1	12	19.93	19.94	19.94		
5	256QAM	1	24	19.78	19.93	19.85		
5	256QAM	12	0	19.61	19.73	19.66	20.7	5
5	256QAM	12	7	19.95	19.93	19.83		
5	256QAM	12	13	19.84	19.96	19.87		
5	256QAM	25	0	19.64	19.79	19.7		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.97	25.03	24.91	25.7	0
3	QPSK	1	8	24.93	25.05	25		
3	QPSK	1	14	24.88	24.99	24.97		
3	QPSK	8	0	23.83	23.97	23.95	24.7	1
3	QPSK	8	4	23.85	23.87	23.84		
3	QPSK	8	7	23.76	23.82	23.74		
3	QPSK	15	0	23.87	24	23.91		
3	16QAM	1	0	23.82	23.86	23.81	24.7	1
3	16QAM	1	8	23.81	23.9	23.8		
3	16QAM	1	14	23.82	23.97	23.9		
3	16QAM	8	0	22.69	22.77	22.66	23.7	2
3	16QAM	8	4	22.64	22.73	22.69		
3	16QAM	8	7	22.71	22.77	22.78		
3	16QAM	15	0	22.68	22.71	22.73		
3	64QAM	1	0	22.73	22.86	22.86	23.7	2
3	64QAM	1	8	22.7	22.69	22.64		
3	64QAM	1	14	22.67	22.67	22.69		
3	64QAM	8	0	21.7	21.8	21.78	22.7	3
3	64QAM	8	4	21.56	21.65	21.61		
3	64QAM	8	7	21.53	21.63	21.54		
3	64QAM	15	0	21.79	21.72	21.74		
3	256QAM	1	0	19.88	19.96	19.95	20.7	5
3	256QAM	1	8	19.93	19.99	19.92		
3	256QAM	1	14	19.88	19.91	19.87		
3	256QAM	8	0	19.69	19.8	19.7	20.7	5
3	256QAM	8	4	19.82	19.93	19.82		
3	256QAM	8	7	19.89	19.92	19.91		
3	256QAM	15	0	19.64	19.74	19.67		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.95	25.06	24.9	25.7	0
1.4	QPSK	1	3	24.92	25.03	24.96		
1.4	QPSK	1	5	24.93	24.99	24.98		
1.4	QPSK	3	0	24.89	24.97	24.88		
1.4	QPSK	3	1	24.87	24.96	24.91		
1.4	QPSK	3	3	24.92	24.91	24.9		
1.4	QPSK	6	0	23.88	23.96	23.88	24.7	1
1.4	16QAM	1	0	23.76	23.9	23.85	24.7	1
1.4	16QAM	1	3	23.88	23.98	23.89		
1.4	16QAM	1	5	23.8	23.87	23.8		
1.4	16QAM	3	0	23.86	23.91	23.79		
1.4	16QAM	3	1	23.85	23.87	23.81		
1.4	16QAM	3	3	23.81	23.94	23.81		
1.4	16QAM	6	0	22.69	22.72	22.68	23.7	2
1.4	64QAM	1	0	22.79	22.9	22.86	23.7	2
1.4	64QAM	1	3	22.67	22.73	22.67		
1.4	64QAM	1	5	22.7	22.68	22.64		
1.4	64QAM	3	0	22.78	22.86	22.81		
1.4	64QAM	3	1	22.62	22.64	22.6		
1.4	64QAM	3	3	22.68	22.58	22.58		
1.4	64QAM	6	0	21.76	21.78	21.72	22.7	3
1.4	256QAM	1	0	19.92	20.02	19.91	20.7	5
1.4	256QAM	1	3	19.95	19.96	19.87		
1.4	256QAM	1	5	19.85	19.9	19.89		
1.4	256QAM	3	0	19.64	19.74	19.72		
1.4	256QAM	3	1	19.84	19.85	19.87		
1.4	256QAM	3	3	19.87	19.9	19.96		
1.4	256QAM	6	0	19.72	19.75	19.75	20.7	5

Band 5 Ant0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.89	24.93	24.9	25.7	0
10	QPSK	1	25	24.87	24.89	24.84		
10	QPSK	1	49	24.77	24.82	24.74		
10	QPSK	25	0	23.87	23.79	23.71	24.7	1
10	QPSK	25	12	23.71	23.78	23.72		
10	QPSK	25	25	23.65	23.72	23.69		
10	QPSK	50	0	23.78	23.84	23.79		
10	16QAM	1	0	24.02	24.07	24.01	24.7	1
10	16QAM	1	25	23.89	23.99	23.9		
10	16QAM	1	49	23.93	23.98	23.9		
10	16QAM	25	0	22.78	22.88	22.79	23.7	2
10	16QAM	25	12	22.75	22.83	22.72		
10	16QAM	25	25	22.77	22.79	22.73		
10	16QAM	50	0	22.77	22.84	22.76		
10	64QAM	1	0	23.02	23.09	23	23.7	2
10	64QAM	1	25	22.76	22.79	22.76		
10	64QAM	1	49	22.81	22.83	22.79		
10	64QAM	25	0	21.9	21.96	21.91	22.7	3
10	64QAM	25	12	21.83	21.94	21.9		
10	64QAM	25	25	21.89	21.93	21.85		
10	64QAM	50	0	21.84	21.89	21.85		
10	256QAM	1	0	19.71	19.81	19.76	20.7	5
10	256QAM	1	25	19.67	19.73	19.7		
10	256QAM	1	49	19.67	19.76	19.74		
10	256QAM	25	0	19.69	19.77	19.69	20.7	5
10	256QAM	25	12	19.7	19.76	19.71		
10	256QAM	25	25	19.67	19.75	19.66		
10	256QAM	50	0	19.71	19.79	19.71		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.79	24.85	24.88	25.7	0
5	QPSK	1	12	24.83	24.83	24.79		
5	QPSK	1	24	24.71	24.77	24.7		
5	QPSK	12	0	23.81	23.67	23.65	24.7	1
5	QPSK	12	7	23.67	23.66	23.64		
5	QPSK	12	13	23.64	23.63	23.65		
5	QPSK	25	0	23.67	23.8	23.74		
5	16QAM	1	0	23.94	24.05	23.97	24.7	1
5	16QAM	1	12	23.85	23.95	23.85		
5	16QAM	1	24	23.91	23.88	23.82		
5	16QAM	12	0	22.7	22.78	22.74	23.7	2
5	16QAM	12	7	22.64	22.77	22.64		
5	16QAM	12	13	22.68	22.69	22.64		
5	16QAM	25	0	22.74	22.78	22.69		
5	64QAM	1	0	22.93	23.02	22.95	23.7	2
5	64QAM	1	12	22.75	22.74	22.7		
5	64QAM	1	24	22.73	22.82	22.76		
5	64QAM	12	0	21.84	21.89	21.89	22.7	3
5	64QAM	12	7	21.73	21.87	21.84		
5	64QAM	12	13	21.87	21.86	21.77		
5	64QAM	25	0	21.75	21.85	21.83		
5	256QAM	1	0	19.66	19.8	19.66	20.7	5
5	256QAM	1	12	19.62	19.68	19.66		
5	256QAM	1	24	19.57	19.65	19.66		
5	256QAM	12	0	19.61	19.72	19.58	20.7	5
5	256QAM	12	7	19.62	19.71	19.63		
5	256QAM	12	13	19.61	19.72	19.64		
5	256QAM	25	0	19.66	19.77	19.63		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				823.5	836.5	847.5		
3	QPSK	1	0	24.81	24.83	24.83	25.7	0
3	QPSK	1	8	24.8	24.82	24.82		
3	QPSK	1	14	24.68	24.72	24.64		
3	QPSK	8	0	23.63	23.68	23.69	24.7	1
3	QPSK	8	4	23.62	23.7	23.62		
3	QPSK	8	7	23.58	23.66	23.67		
3	QPSK	15	0	23.72	23.74	23.72		
3	16QAM	1	0	23.97	24	23.96	24.7	1
3	16QAM	1	8	23.84	23.92	23.85		
3	16QAM	1	14	24.87	23.87	23.87		
3	16QAM	8	0	22.71	22.81	22.72	23.7	2
3	16QAM	8	4	22.65	22.77	22.69		
3	16QAM	8	7	22.69	22.71	22.65		
3	16QAM	15	0	22.71	22.79	22.69		
3	64QAM	1	0	22.94	23.02	22.93	23.7	2
3	64QAM	1	8	22.67	22.76	22.71		
3	64QAM	1	14	22.75	22.76	22.71		
3	64QAM	8	0	21.88	21.87	21.89	22.7	3
3	64QAM	8	4	21.79	21.91	21.84		
3	64QAM	8	7	21.86	21.89	21.82		
3	64QAM	15	0	21.81	21.86	21.8		
3	256QAM	1	0	19.63	19.74	19.66	20.7	5
3	256QAM	1	8	19.58	19.64	19.67		
3	256QAM	1	14	19.59	19.75	19.7		
3	256QAM	8	0	19.58	19.75	19.58	20.7	5
3	256QAM	8	4	19.67	19.67	19.64		
3	256QAM	8	7	19.6	19.71	19.63		
3	256QAM	15	0	19.69	19.73	19.63		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.75	24.8	24.87	25.7	0
1.4	QPSK	1	3	24.79	24.7	24.82		
1.4	QPSK	1	5	24.62	24.8	24.6		
1.4	QPSK	3	0	24.81	24.84	24.8		
1.4	QPSK	3	1	24.74	24.74	24.65		
1.4	QPSK	3	3	24.61	24.72	24.62		
1.4	QPSK	6	0	23.7	23.73	23.73	24.7	1
1.4	16QAM	1	0	23.99	24.02	23.93	24.7	1
1.4	16QAM	1	3	23.89	23.89	23.89		
1.4	16QAM	1	5	23.87	23.96	23.8		
1.4	16QAM	3	0	23.63	23.71	23.71		
1.4	16QAM	3	1	23.62	23.68	23.67		
1.4	16QAM	3	3	23.68	23.7	23.64		
1.4	16QAM	6	0	22.67	22.75	22.69	23.7	2
1.4	64QAM	1	0	22.94	22.98	22.98	23.7	2
1.4	64QAM	1	3	22.74	22.74	22.7		
1.4	64QAM	1	5	22.73	22.71	22.77		
1.4	64QAM	3	0	22.6	22.71	22.66		
1.4	64QAM	3	1	22.58	22.68	22.66		
1.4	64QAM	3	3	22.62	22.65	22.61		
1.4	64QAM	6	0	21.8	21.81	21.82	22.7	3
1.4	256QAM	1	0	19.65	19.74	19.69	20.7	5
1.4	256QAM	1	3	19.59	19.72	19.61		
1.4	256QAM	1	5	19.62	19.72	19.63		
1.4	256QAM	3	0	19.64	19.75	19.66		
1.4	256QAM	3	1	19.69	19.72	19.62		
1.4	256QAM	3	3	19.62	19.67	19.63		
1.4	256QAM	6	0	19.63	19.71	19.64	20.7	5

Band 7 Ant0 Other PA DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	25.06	25.17	25.04	25.7	0
20	QPSK	1	49	25.06	25.11	25.06		
20	QPSK	1	99	24.77	25.09	25.04		
20	QPSK	50	0	24.12	24.16	24.04	24.7	1
20	QPSK	50	24	24.05	24.15	24.03		
20	QPSK	50	50	24	24.11	24.04		
20	QPSK	100	0	23.81	23.89	23.83		
20	16QAM	1	0	23.8	23.86	23.75	24.7	1
20	16QAM	1	49	23.71	23.81	23.7		
20	16QAM	1	99	23.74	23.83	23.77		
20	16QAM	50	0	22.7	22.78	22.7	23.7	2
20	16QAM	50	24	22.71	22.76	22.72		
20	16QAM	50	50	22.71	22.76	22.7		
20	16QAM	100	0	22.59	22.69	22.61		
20	64QAM	1	0	22.88	22.95	22.86	23.7	2
20	64QAM	1	49	22.65	22.69	22.6		
20	64QAM	1	99	22.72	22.74	22.69		
20	64QAM	50	0	21.66	21.67	21.58	22.7	3
20	64QAM	50	24	21.55	21.65	21.54		
20	64QAM	50	50	21.53	21.61	21.5		
20	64QAM	100	0	21.7	21.73	21.67		
20	256QAM	1	0	19.83	19.92	19.82	20.7	5
20	256QAM	1	49	19.79	19.82	19.73		
20	256QAM	1	99	19.8	19.9	19.84		
20	256QAM	50	0	19.68	19.72	19.65	20.7	5
20	256QAM	50	24	19.83	19.9	19.88		
20	256QAM	50	50	19.78	19.85	19.79		
20	256QAM	100	0	19.79	19.86	19.77		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.96	25.11	24.97	25.7	0
15	QPSK	1	37	24.96	25.02	24.98		
15	QPSK	1	74	24.91	25.07	24.99		
15	QPSK	36	0	24.06	24.06	24	24.7	1
15	QPSK	36	20	24.03	24	23.94		
15	QPSK	36	39	23.94	24.02	23.93		
15	QPSK	75	0	23.53	23.61	23.56		
15	16QAM	1	0	23.7	23.78	23.66	24.7	1
15	16QAM	1	37	23.65	23.76	23.68		
15	16QAM	1	74	23.64	23.73	23.73		
15	16QAM	36	0	22.61	22.76	22.68	23.7	2
15	16QAM	36	20	22.64	22.66	22.63		
15	16QAM	36	39	22.63	22.74	22.67		
15	16QAM	75	0	22.51	22.6	22.57		
15	64QAM	1	0	22.83	22.91	22.79	23.7	2
15	64QAM	1	37	22.63	22.68	22.58		
15	64QAM	1	74	22.63	22.64	22.68		
15	64QAM	36	0	21.6	21.66	21.48	22.7	3
15	64QAM	36	20	21.61	21.62	21.53		
15	64QAM	36	39	21.48	21.52	21.47		
15	64QAM	75	0	21.64	21.67	21.65		
15	256QAM	1	0	19.78	19.87	19.79	20.7	5
15	256QAM	1	37	19.72	19.72	19.71		
15	256QAM	1	74	19.74	19.83	19.82		
15	256QAM	36	0	19.64	19.67	19.63	20.7	5
15	256QAM	36	20	19.76	19.87	19.84		
15	256QAM	36	39	19.72	19.84	19.77		
15	256QAM	75	0	19.72	19.77	19.74		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	25.02	25.06	25.03	25.7	0
10	QPSK	1	25	24.97	25.03	24.96		
10	QPSK	1	49	24.98	25.08	25.01		
10	QPSK	25	0	24.02	24.11	23.98	24.7	1
10	QPSK	25	12	23.94	24.01	23.95		
10	QPSK	25	25	23.93	24.1	23.95		
10	QPSK	50	0	23.58	23.65	23.56		
10	16QAM	1	0	23.74	23.77	23.69	24.7	1
10	16QAM	1	25	23.69	23.8	23.69		
10	16QAM	1	49	23.66	23.78	23.

Band 17 Ant0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.71	24.77	24.69	25.7	0
10	QPSK	1	25	24.73	24.75	24.71		
10	QPSK	1	49	24.68	24.73	24.68		
10	QPSK	25	0	23.66	23.76	23.69		
10	QPSK	25	12	23.56	23.75	23.53	24.7	1
10	QPSK	25	25	23.55	23.63	23.58		
10	QPSK	50	0	23.65	23.71	23.59		
10	16QAM	1	0	23.46	23.56	23.49		
10	16QAM	1	25	23.6	23.62	23.58	24.7	1
10	16QAM	1	49	23.6	23.69	23.62		
10	16QAM	25	0	22.86	22.96	22.93		
10	16QAM	25	12	22.88	22.89	22.81	23.7	2
10	16QAM	25	25	22.83	22.91	22.82		
10	16QAM	50	0	22.82	22.87	22.78		
10	64QAM	1	0	22.96	23.03	22.98		
10	64QAM	1	25	22.9	22.91	22.88	23.7	2
10	64QAM	1	49	22.79	22.89	22.83		
10	64QAM	25	0	21.79	21.85	21.8		
10	64QAM	25	12	21.76	21.81	21.77	22.7	3
10	64QAM	25	25	21.73	21.8	21.77		
10	64QAM	50	0	21.74	21.8	21.74		
10	256QAM	1	0	19.87	19.95	19.84		
10	256QAM	1	25	19.82	19.88	19.86	20.7	5
10	256QAM	1	49	19.81	19.91	19.81		
10	256QAM	25	0	19.66	19.75	19.64		
10	256QAM	25	12	19.87	19.9	19.86	20.7	5
10	256QAM	25	25	19.8	19.89	19.83		
10	256QAM	50	0	19.82	19.85	19.77		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.6	24.67	24.64	25.7	0
5	QPSK	1	12	24.69	24.7	24.61		
5	QPSK	1	24	24.65	24.64	24.6		
5	QPSK	12	0	23.59	23.63	23.63		
5	QPSK	12	7	23.53	23.55	23.52	24.7	1
5	QPSK	12	13	23.5	23.58	23.5		
5	QPSK	25	0	23.8	23.79	23.74		
5	16QAM	1	0	23.36	23.5	23.4		
5	16QAM	1	12	23.56	23.57	23.52	24.7	1
5	16QAM	1	24	23.59	23.62	23.59		
5	16QAM	12	0	22.79	22.91	22.84		
5	16QAM	12	7	22.82	22.84	22.7	23.7	2
5	16QAM	12	13	22.73	22.83	22.76		
5	16QAM	25	0	22.8	22.85	22.69		
5	64QAM	1	0	22.87	22.92	22.88		
5	64QAM	1	12	22.82	22.83	22.81	23.7	2
5	64QAM	1	24	22.73	22.8	22.74		
5	64QAM	12	0	21.71	21.81	21.72		
5	64QAM	12	7	21.7	21.71	21.68	22.7	3
5	64QAM	12	13	21.69	21.71	21.71		
5	64QAM	25	0	21.72	21.78	21.65		
5	256QAM	1	0	19.79	19.91	19.79		
5	256QAM	1	12	19.76	19.79	19.77	20.7	5
5	256QAM	1	24	19.75	19.84	19.72		
5	256QAM	12	0	19.6	19.67	19.55		
5	256QAM	12	7	19.83	19.84	19.79	20.7	5
5	256QAM	12	13	19.76	19.78	19.76		
5	256QAM	25	0	19.71	19.79	19.74		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.66	24.84	24.73	25.7	0
15	QPSK	1	37	24.73	24.8	24.79		
15	QPSK	1	74	24.81	24.76	24.74		
15	QPSK	36	0	23.84	23.91	23.83		
15	QPSK	36	20	23.71	23.89	23.72	24.7	1
15	QPSK	36	39	23.72	23.78	23.73		
15	QPSK	75	0	23.75	23.79	23.72		
15	16QAM	1	0	23.78	23.84	23.76		
15	16QAM	1	37	23.8	23.83	23.79	24.7	1
15	16QAM	1	74	23.65	23.73	23.62		
15	16QAM	36	0	22.81	22.9	22.8		
15	16QAM	36	20	22.86	22.88	22.79	23.7	2
15	16QAM	36	39	22.72	22.79	22.72		
15	16QAM	75	0	22.73	22.77	22.68		
15	64QAM	1	0	22.9	22.97	22.94		
15	64QAM	1	37	22.73	22.82	22.71	23.7	2
15	64QAM	1	74	22.81	22.82	22.77		
15	64QAM	36	0	21.82	21.84	21.79		
15	64QAM	36	20	21.68	21.76	21.69	22.7	3
15	64QAM	36	39	21.79	21.82	21.73		
15	64QAM	75	0	21.75	21.76	21.72		
15	256QAM	1	0	20.15	20.21	20.14		
15	256QAM	1	37	20.13	20.15	20.11	20.7	5
15	256QAM	1	74	20.12	20.19	20.17		
15	256QAM	36	0	19.77	19.81	19.77		
15	256QAM	36	20	19.67	19.77	19.72	20.7	5
15	256QAM	36	39	19.72	19.79	19.74		
15	256QAM	75	0	19.71	19.73	19.64		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.62	24.8	24.69	25.7	0
10	QPSK	1	25	24.64	24.75	24.71		
10	QPSK	1	49	24.58	24.66	24.68		
10	QPSK	25	0	23.82	23.83	23.81		
10	QPSK	25	12	23.69	23.78	23.71	24.7	1
10	QPSK	25	25	23.64	23.68	23.62		
10	QPSK	50	0	23.74	23.7	23.67		
10	16QAM	1	0	23.72	23.76	23.68		
10	16QAM	1	25	23.7	23.75	23.73	24.7	1
10	16QAM	1	49	23.56	23.64	23.59		
10	16QAM	25	0	22.71	22.81	22.73		
10	16QAM	25	12	22.84	22.83	22.72	23.7	2
10	16QAM	25	25	22.67	22.71	22.68		
10	16QAM	50	0	22.7	22.73	22.57		
10	64QAM	1	0	22.86	22.87	22.92		
10	64QAM	1	25	22.7	22.76	22.68	23.7	2
10	64QAM	1	49	22.7	22.78	22.67		
10	64QAM	25	0	21.76	21.83	21.68		
10	64QAM	25	12	21.67	21.71	21.67	22.7	3
10	64QAM	25	25	21.77	21.78	21.67		
10	64QAM	50	0	21.73	21.7	21.65		
10	256QAM	1	0	20.12	20.17	20.05		
10	256QAM	1	25	20.02	20.05	20.03	20.7	5
10	256QAM	1	49	20.09	20.15	20.16		
10	256QAM	25	0	19.69	19.75	19.74		
10	256QAM	25	12	19.64	19.72	19.7	20.7	5
10	256QAM	25	25	19.69	19.71	19.68		
10	256QAM	50	0	19.66	19.63	19.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.58	24.8	24.66	25.7	0
5	QPSK	1	12	24.7	24.77	24.77		
5	QPSK	1	24	24.62	24.74	24.65		
5	QPSK	12	0	23.75	23.84	23.79		
5	QPSK	12	7	23.64	23.76	23.66	24.7	1
5	QPSK	12	13	23.66	23.7	23.62		
5	QPSK	25	0	23.71	23.74	23.69		
5	16QAM	1	0	23.69	23.74	23.66		
5	16QAM	1	12	23.73	23.77	23.76	24.7	1
5	16QAM	1	24	23.58	23.68	23.54		
5	16QAM	12	0	22.76	22.81	22.76		
5	16QAM	12	7	22.84	22.79	22.77	23.7	2
5	16QAM	12	13	22.65	22.76	22.69		
5	16QAM	25	0	22.64	22.76	22.62		
5	64QAM	1	0	22.86	22.88	22.86		
5	64QAM	1	12	22.64	22.75	22.61	23.7	2
5	64QAM	1	24	22.79	22.81	22.71		
5	64QAM	12	0	21.72	21.8	21.77		
5	64QAM	12	7	21.61	21.67	21.66	22.7	3
5	64QAM	12	13	21.73	21.74	21.69		
5	64QAM	25	0	21.67	21.74	21.67		
5	256QAM	1	0	20.11	20.16	20.13		
5	256QAM	1	12	20.11	20.11	20.09	20.7	5
5	256QAM	1	24	20.11	20.14	20.14		
5	256QAM	12	0	19.74	19.71	19.7		
5	256QAM	12	7	19.61	19.72	19.63	20.7	5
5	256QAM	12	13	19.61	19.74	19.71		
5	256QAM	25	0	19.7	19.69	19.61		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.59	24.75	24.7	25.7	0
3	QPSK	1	8	24.68	24.78	24.69		
3	QPSK	1	14	24.6	24.67	24.67		
3	QPSK	8	0	23.78	23.84	23.79		
3	QPSK	8	4	23.62	23.81	23.7	24.7	1
3	QPSK	8	7	23.63	23.71	23.64		
3	QPSK	15	0	23.74	23.72	23.65		
3	16QAM	1	0	23.74	23.76	23.69		
3	16QAM	1	8	23.74	23.72	23.69	24.7	1
3	16QAM	1	14	23.59	23.71	23.59		
3	16QAM	8	0	22.78	22.8	22.7		
3	16QAM	8	4	22.85	22.8	22.75	23.7	2
3	16QAM	8	7	22.62	22.71	22.64		
3	16QAM	15	0	22.71	22.67	22.62		
3	64QAM	1	0	22.81	22.94	22.89		
3	64QAM	1	8	22.71	22.81	22.67	23.7	2
3	64QAM	1	14	22.72	22.76	22.7		
3	64QAM	8	0	21.75	21.78	21.71		
3	64QAM	8	4	21.59	21.71	21.62	22.7	3
3	64QAM	8	7	21.75	21.71	21.65		
3	64QAM	15	0	21.65	21.67	21.63		
3	256QAM	1	0	20.13	20.18	20.13		
3	256QAM	1	8	20.07	20.08	20.04	20.7	5
3	256QAM	1	14	20.07	20.14	20.09		
3	256QAM	8	0	19.68	19.73	19.67		
3	256QAM	8	4	19.66	19.74	19.62	20.7	5
3	256QAM	8	7	19.67	19.72	19.7		
3	256QAM	15	0	19.67	19.65	19.61		
Channel				26627	26865	27103	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.56	24.81	24.65	25.7	0
1.4	QPSK	1	3	24.69	24.7	24.69		
1.4	QPSK	1	5	24.63	24.67	24.72		
1.4	QPSK	3	0	24.49	24.71	24.58		
1.4	QPSK	3	1	24.62	24.65	24.58		
1.4	QPSK	3	3	24.61	24.64	24.69		
1.4	QPSK	6	0	23.72	23.69	23.63	24.7	1
1.4	16QAM	1	0	23.72	23.79	23.66	24.7	1
1.4	16QAM	1	3	23.77	23.75	23.69		
1.4	16QAM	1	5	23.61	23.63	23.52		
1.4	16QAM	3	0	23.62	23.67	23.57		
1.4	16QAM	3	1	23.67	23.65	23.58		
1.4	16QAM	3	3	23.67	23.58	23.54		
1.4	16QAM	6	0	22.72	22.67	22.67	23.7	2
1.4	64QAM	1	0	22.8	22.89	22.85	23.7	2
1.4	64QAM	1	3	22.64	22.77	22.63		
1.4	64QAM	1	5	22.78	22.79	22.69		
1.4	64QAM	3	0	22.66	22.59	22.64		
1.4	64QAM	3	1	22.75	22.83	22.78		
1.4	64QAM	3	3	22.61	22.74	22.55		
1.4	64QAM	6	0	21.64	21.69	21.65	22.7	3
1.4	256QAM	1	0	20.08	20.17	20.11	20.7	5
1.4	256QAM	1	3	20.04	20.06	20		
1.4	256QAM	1	5	20.02	20.17	20.14		
1.4	256QAM	3	0	19.7	19.74	19.69		
1.4	256QAM	3	1	19.58	19.67	19.62		
1.4	256QAM	3	3	19.67	19.73	19.68		
1.4	256QAM	6	0	19.61	19.69	19.59	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.35	22.51	22.41	24	0
20	QPSK	1	49	22.43	22.48	22.37		
20	QPSK	1	99	22.39	22.43	22.42		
20	QPSK	50	0	21.34	21.55	21.37		
20	QPSK	50	24	21.32	21.51	21.31	23	1
20	QPSK	50	50	21.32	21.4	21.36		
20	QPSK	100	0	21.25	21.3	21.23		
20	16QAM	1	0	21.23	21.3	21.21		
20	16QAM	1	49	21.14	21.24	21.16	23	1
20	16QAM	1	99	21.18	21.25	21.14		
20	16QAM	50	0	20.25	20.35	20.31		
20	16QAM	50	24	20.25	20.3	20.28	22	2
20	16QAM	50	50	20.25	20.3	20.25		
20	16QAM	100	0	20.32	20.36	20.33		
20	64QAM	1	0	20.51	20.58	20.56		
20	64QAM	1	49	20.24	20.31	20.22	22	2
20	64QAM	1	99	20.22	20.33	20.3		
20	64QAM	50	0	19.3	19.34	19.26		
20	64QAM	50	24	19.25	19.28	19.21	21	3
20	64QAM	50	50	19.17	19.25	19.18		
20	64QAM	100	0	19.24	19.31	19.22		
20	256QAM	1	0	17.21	17.25	17.16		
20	256QAM	1	49	17.17	17.22	17.11	19	5
20	256QAM	1	99	17.09	17.17	17.15		
20	256QAM	50	0	17.35	17.36	17.28		
20	256QAM	50	24	17.16	17.22	17.12	19	5
20	256QAM	50	50	17.17	17.23	17.18		
20	256QAM	100	0	17.3	17.4	17.34		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.32	22.47	22.38	24	0
15	QPSK	1	37	22.34	22.43	22.27		
15	QPSK	1	74	22.29	22.34	22.34		
15	QPSK	36	0	21.28	21.34	21.34		
15	QPSK	36	20	21.29	21.31	21.25	23	1
15	QPSK	36	39	21.3	21.3	21.34		
15	QPSK	75	0	21.22	21.22	21.19		
15	16QAM	1	0	21.14	21.28	21.14		
15	16QAM	1	37	21.08	21.23	21.05	23	1
15	16QAM	1	74	21.08	21.23	21.03		
15	16QAM	36	0	20.22	20.26	20.26		
15	16QAM	36	20	20.16	20.22	20.26	22	2
15	16QAM	36	39	20.18	20.2	20.23		
15	16QAM	75	0	20.28	20.29	20.3		
15	64QAM	1	0	20.44	20.57	20.46		
15	64QAM	1	37	20.23	20.3	20.17	22	2
15	64QAM	1	74	20.15	20.28	20.26		
15	64QAM	36	0	19.22	19.29	19.22		
15	64QAM	36	20	19.16	19.18	19.15	21	3
15	64QAM	36	39	19.1	19.21	19.15		
15	64QAM	75	0	19.18	19.24	19.12		
15	256QAM	1	0	17.19	17.19	17.11		
15	256QAM	1	37	17.14	17.17	17.05	19	5
15	256QAM	1	74	17.07	17.1	17.05		
15	256QAM	36	0	17.28	17.27	17.25		
15	256QAM	36	20	17.05	17.14	17.04	19	5
15	256QAM	36	39	17.08	17.13	17.12		
15	256QAM	75	0	17.27	17.39	17.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.3	22.48	22.39	24	0
10	QPSK	1	25	22.34	22.45	22.28		
10	QPSK	1	49	22.31	22.33	22.37		
10	QPSK	25	0	21.24	21.36	21.31	23	1
10	QPSK	25	12	21.27	21.33	21.23		
10	QPSK	25	25	21.31	21.35	21.28		
10	QPSK	50	0	21.2	21.25	21.21		
10	16QAM	1	0	21.22	21.19	21.11		
10	16QAM	1	25	21.06	21.17	21.12	23	1
10	16QAM	1	49	21.09	21.2	21.04		
10	16QAM	25	0	20.17	20.24	20.28		
10	16QAM	25	12	20.23	20.25	20.22	22	2
10	16QAM	25	25	20.15	20.25	20.18		
10	16QAM	50	0	20.26	20.26	20.27		
10	64QAM	1	0	20.41	20.51	20.55		
10	64QAM	1	25	20.15	20.2	20.17	22	2
10	64QAM	1	49	20.11	20.28	20.21		
10	64QAM	25	0	19.2	19.26	19.19		
10	64QAM	25	12	19.23	19.25	19.16	21	3
10	64QAM	25	25	19.13	19.23	19.09		
10	64QAM	50	0	19.16	19.28	19.18		
10	256QAM	1	0	17.13	17.15	17.07		
10	256QAM	1	25	17.06	17.17	17.08	19	5
10	256QAM	1	49	17.05	17.15	17.12		
10	256QAM	25	0	17.29	17.27	17.18		
10	256QAM	25	12	17.13	17.13	17.06	19	5
10	256QAM	25	25	17.11	17.18	17.11		
10	256QAM	50	0	17.29	17.38	17.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.28	22.48	22.37	24	0
5	QPSK	1	12	22.36	22.45	22.35		
5	QPSK	1	24	22.32	22.42	22.39		
5	QPSK	12	0	21.31	21.43	21.32	23	1
5	QPSK	12	7	21.3	21.27	21.25		
5	QPSK	12	13	21.29	21.31	21.29		
5	QPSK	25	0	21.17	21.23	21.21		
5	16QAM	1	0	21.15	21.28	21.12		
5	16QAM	1	12	21.04	21.19	21.06	23	1
5	16QAM	1	24	21.08	21.15	21.06		
5	16QAM	12	0	20.18	20.32	20.22		
5	16QAM	12	7	20.2	20.22	20.23	22	2
5	16QAM	12	13	20.17	20.2	20.16		
5	16QAM	25	0	20.23	20.27	20.25		
5	64QAM	1	0	20.43	20.52	20.53		
5	64QAM	1	12	20.19	20.25	20.2	22	2
5	64QAM	1	24	20.16	20.28	20.21		
5	64QAM	12	0	19.22	19.26	19.22		
5	64QAM	12	7	19.18	19.22	19.19	21	3
5	64QAM	12	13	19.15	19.19	19.12		
5	64QAM	25	0	19.16	19.22	19.18		
5	256QAM	1	0	17.12	17.2	17.1		
5	256QAM	1	12	17.09	17.17	17.06	19	5
5	256QAM	1	24	17.05	17.08	17.12		
5	256QAM	12	0	17.28	17.27	17.18		
5	256QAM	12	7	17.06	17.11	17.04	19	5
5	256QAM	12	13	17.07	17.21	17.14		
5	256QAM	25	0	17.24	17.36	17.31		
Channel				131867	132322	132557	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.27	22.46	22.36	24	0
3	QPSK	1	8	22.38	22.39	22.36		
3	QPSK	1	14	22.29	22.33	22.38		
3	QPSK	8	0	21.29	21.35	21.33	23	1
3	QPSK	8	4	21.29	21.3	21.21		
3	QPSK	8	7	21.21	21.31	21.32		
3	QPSK	15	0	21.18	21.21	21.18		
3	16QAM	1	0	21.16	21.27	21.1		
3	16QAM	1	8	21.12	21.15	21.13	23	1
3	16QAM	1	14	21.11	21.19	21.09		
3	16QAM	8	0	20.17	20.25	20.24		
3	16QAM	8	4	20.16	20.29	20.22	22	2
3	16QAM	8	7	20.22	20.23	20.14		
3	16QAM	15	0	20.27	20.33	20.29		
3	64QAM	1	0	20.47	20.51	20.54		
3	64QAM	1	8	20.14	20.29	20.17	22	2
3	64QAM	1	14	20.19	20.23	20.29		
3	64QAM	8	0	19.26	19.25	19.21		
3	64QAM	8	4	19.14	19.2	19.16	21	3
3	64QAM	8	7	19.07	19.14	19.12		
3	64QAM	15	0	19.2	19.2	19.16		
3	256QAM	1	0	17.13	17.14	17.14		
3	256QAM	1	8	17.11	17.16	17.08	19	5
3	256QAM	1	14	17.05	17.06	17.06		
3	256QAM	8	0	17.31	17.32	17.23		
3	256QAM	8	4	17.07	17.17	17.08	19	5
3	256QAM	8	7	17.1	17.19	17.13		
3	256QAM	15	0	17.22	17.35	17.3		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.24	22.47	22.33	24	0
1.4	QPSK	1	3	22.4	22.44	22.28		
1.4	QPSK	1	5	22.37	22.4	22.35		
1.4	QPSK	3	0	22.16	22.4	22.3		
1.4	QPSK	3	1	22.32	22.41	22.25		
1.4	QPSK	3	3	22.27	22.31	22.32		
1.4	QPSK	6	0	21.2	21.26	21.13	23	1
1.4	16QAM	1	0	21.22	21.23	21.16	23	1
1.4	16QAM	1	3	21.11	21.15	21.14		
1.4	16QAM	1	5	21.08	21.23	21.07		
1.4	16QAM	3	0	21.16	21.19	21.03		
1.4	16QAM	3	1	21.12	21.22	21.13		
1.4	16QAM	3	3	21.06	21.05

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	25.26	25.27	25.18	25.7	0
20	QPSK	1	49	25.15	25.16	25.13		
20	QPSK	1	99	25.11	25.17	25.09		
20	QPSK	50	0	24.38	24.49	24.40	24.7	1
20	QPSK	50	24	24.35	24.48	24.35		
20	QPSK	50	50	24.28	24.35	24.25		
20	QPSK	100	0	24.28	24.37	24.28		
20	16QAM	1	0	24.38	24.41	24.39		
20	16QAM	1	49	24.31	24.41	24.31	24.7	1
20	16QAM	1	99	24.29	24.38	24.32		
20	16QAM	50	0	23.21	23.30	23.24	23.7	2
20	16QAM	50	24	23.23	23.31	23.24		
20	16QAM	50	50	23.19	23.29	23.21		
20	16QAM	100	0	23.27	23.32	23.27		
20	64QAM	1	0	23.38	23.39	23.32		
20	64QAM	1	49	23.28	23.37	23.33	23.7	2
20	64QAM	1	99	23.31	23.38	23.36		
20	64QAM	50	0	22.24	22.26	22.20	22.7	3
20	64QAM	50	24	22.26	22.28	22.20		
20	64QAM	50	50	22.22	22.25	22.22		
20	64QAM	100	0	22.32	22.34	22.30		
20	256QAM	1	0	20.00	20.08	20.00	20.7	5
20	256QAM	1	49	20.06	20.15	20.07		
20	256QAM	1	99	19.95	20.05	19.95		
20	256QAM	50	0	20.10	20.13	20.10	20.7	5
20	256QAM	50	24	19.98	20.04	19.94		
20	256QAM	50	50	20.04	20.08	20.01		
20	256QAM	100	0	19.98	20.06	19.96		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	25.17	25.17	25.16	25.7	0
15	QPSK	1	37	25.05	25.06	25.02		
15	QPSK	1	74	25.03	25.15	24.99		
15	QPSK	36	0	24.27	24.40	24.29	24.7	1
15	QPSK	36	20	24.33	24.30	24.33		
15	QPSK	36	39	24.23	24.25	24.21		
15	QPSK	75	0	24.19	24.29	24.23		
15	16QAM	1	0	24.27	24.38	24.30	24.7	1
15	16QAM	1	37	24.28	24.33	24.29		
15	16QAM	1	74	24.20	24.34	24.25		
15	16QAM	36	0	23.10	23.23	23.15	23.7	2
15	16QAM	36	20	23.16	23.29	23.21		
15	16QAM	36	39	23.12	23.27	23.16		
15	16QAM	75	0	23.18	23.28	23.17		
15	64QAM	1	0	23.33	23.38	23.25	23.7	2
15	64QAM	1	37	23.21	23.34	23.27		
15	64QAM	1	74	23.23	23.33	23.29		
15	64QAM	36	0	22.14	22.20	22.18	22.7	3
15	64QAM	36	20	22.21	22.18	22.10		
15	64QAM	36	39	22.19	22.15	22.17		
15	64QAM	75	0	22.22	22.29	22.25		
15	256QAM	1	0	19.91	20.01	19.93	20.7	5
15	256QAM	1	37	20.00	20.05	20.04		
15	256QAM	1	74	19.90	19.95	19.94		
15	256QAM	36	0	20.04	20.10	20.03	20.7	5
15	256QAM	36	20	19.89	20.01	19.92		
15	256QAM	36	39	19.95	20.00	19.99		
15	256QAM	75	0	19.92	19.96	19.95		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	25.18	25.23	25.07	25.7	0
10	QPSK	1	25	25.08	25.14	25.05		
10	QPSK	1	49	25.08	25.13	25.06		
10	QPSK	25	0	24.29	24.36	24.31	24.7	1
10	QPSK	25	12	24.32	24.28	24.31		
10	QPSK	25	25	24.19	24.33	24.21		
10	QPSK	50	0	24.19	24.29	24.25		
10	16QAM	1	0	24.33	24.35	24.35		
10	16QAM	1	25	24.23	24.33	24.28	24.7	1
10	16QAM	1	49	24.24	24.32	24.23		
10	16QAM	25	0	23.15	23.24	23.16	23.7	2
10	16QAM	25	12	23.18	23.30	23.15		
10	16QAM	25	25	23.17	23.27	23.13		
10	16QAM	50	0	23.23	23.26	23.25		
10	64QAM	1	0	23.32	23.35	23.28	23.7	2
10	64QAM	1	25	23.18	23.33	23.25		
10	64QAM	1	49	23.29	23.31	23.34		
10	64QAM	25	0	22.22	22.22	22.12	22.7	3
10	64QAM	25	12	22.21	22.25	22.17		
10	64QAM	25	25	22.18	22.21	22.21		
10	64QAM	50	0	22.31	22.30	22.21		
10	256QAM	1	0	19.95	20.01	19.99	20.7	5
10	256QAM	1	25	20.05	20.14	20.03		
10	256QAM	1	49	19.90	19.99	19.90		
10	256QAM	25	0	20.06	20.07	20.04	20.7	5
10	256QAM	25	12	19.89	20.02	19.91		
10	256QAM	25	25	19.96	20.02	19.93		
10	256QAM	50	0	19.90	19.97	19.89		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	25.23	25.18	25.17	25.7	0
5	QPSK	1	12	25.10	25.15	25.04		
5	QPSK	1	24	25.10	25.09	24.98		
5	QPSK	12	0	24.31	24.36	24.33	24.7	1
5	QPSK	12	7	24.30	24.34	24.26		
5	QPSK	12	13	24.25	24.30	24.19		
5	QPSK	25	0	24.22	24.28	24.26		
5	16QAM	1	0	24.28	24.35	24.36		
5	16QAM	1	12	24.28	24.32	24.22	24.7	1
5	16QAM	1	24	24.22	24.32	24.26		
5	16QAM	12	0	23.12	23.27	23.21	23.7	2
5	16QAM	12	7	23.17	23.25	23.21		
5	16QAM	12	13	23.17	23.20	23.16		
5	16QAM	25	0	23.19	23.29	23.23		
5	64QAM	1	0	23.34	23.33	23.31	23.7	2
5	64QAM	1	12	23.23	23.27	23.26		
5	64QAM	1	24	23.26	23.27	23.27		
5	64QAM	12	0	22.15	22.24	22.12	22.7	3
5	64QAM	12	7	22.19	22.24	22.12		
5	64QAM	12	13	22.12	22.23	22.20		
5	64QAM	25	0	22.25	22.29	22.21		
5	256QAM	1	0	19.91	20.05	19.94	20.7	5
5	256QAM	1	12	20.01	20.10	20.03		
5	256QAM	1	24	19.94	20.04	19.90		
5	256QAM	12	0	20.00	20.11	20.07	20.7	5
5	256QAM	12	7	19.94	20.02	19.91		
5	256QAM	12	13	19.96	19.99	19.91		
5	256QAM	25	0	19.91	19.96	19.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.26	25.18	25.34	25.31	25.29	25.7	0
20	QPSK	1	49	25.22	25.18	25.28	25.22	25.20		
20	QPSK	1	99	25.23	25.25	25.29	25.22	25.19		
20	QPSK	50	0	24.30	24.27	24.39	24.26	24.24	24.7	1
20	QPSK	50	24	24.14	24.19	24.35	24.22	24.14		
20	QPSK	50	50	24.20	24.20	24.24	24.16	24.19		
20	QPSK	100	0	24.18	24.12	24.22	24.14	24.17		
20	16QAM	1	0	24.12	24.10	24.15	24.06	24.06		
20	16QAM	1	49	24.23	24.25	24.29	24.20	24.19	24.7	1
20	16QAM	1	99	24.14	24.11	24.22	24.19	24.12		
20	16QAM	50	0	23.22	23.30	23.32	23.21	23.30	23.7	2
20	16QAM	50	24	23.23	23.15	23.25	23.24	23.18		
20	16QAM	50	50	23.23	23.23	23.25	23.19	23.14		
20	16QAM	100	0	23.27	23.21	23.31	23.27	23.22		
20	64QAM	1	0	23.31	23.27	23.35	23.25	23.32	23.7	2
20	64QAM	1	49	23.19	23.14	23.24	23.17	23.19		
20	64QAM	1	99	23.21	23.17	23.25	23.22	23.14		
20	64QAM	50	0	22.24	22.25	22.33	22.28	22.27	22.7	3
20	64QAM	50	24	22.25	22.19	22.28	22.23	22.22		
20	64QAM	50	50	22.22	22.19	22.30	22.23	22.26		
20	64QAM	100	0	22.29	22.30	22.31	22.30	22.24		
20	256QAM	1	0	20.08	20.18	20.19	20.13	20.16	20.7	5
20	256QAM	1	49	20.02	20.06	20.08	20.07	20.01		
20	256QAM	1	99	20.08	20.08	20.12	20.02	20.08		
20	256QAM	50	0	20.03	20.07	20.12	20.02	20.06	20.7	5
20	256QAM	50	24	20.07	20.08	20.13	20.11	20.04		
20	256QAM	50	50	20.12	20.14	20.18	20.07	20.14		
20	256QAM	100	0	20.11	20.14	20.17	20.09	20.08		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.20	25.15	25.23	25.27	25.24	26	0
15	QPSK	1	37	25.20	25.12	25.22	25.15	25.12		
15	QPSK	1	74	25.16	25.18	25.26	25.16	25.16		
15	QPSK	36	0	24.25	24.23	24.22	24.18	24.17	24.7	1
15	QPSK	36	20	24.13	24.12	24.19	24.14	24.12		
15	QPSK	36	39	24.13	24.16	24.19	24.09	24.10		
15	QPSK	75	0	24.16	24.05	24.20	24.06	24.11		
15	16QAM	1	0	24.01	24.01	24.06	24.02	24.05	24.7	1
15	16QAM	1	37	24.13	24.18	24.20	24.10	24.15		
15	16QAM	1	74	24.06	24.00	24.12	24.13	24.02		
15	16QAM	36	0	23.13	23.25	23.23	23.19	23.26	23.7	2
15	16QAM	36	20	23.16	23.08	23.21	23.19	23.08		
15	16QAM	36	39	23.19	23.22	23.15	23.10	23.12		
15	16QAM	75	0	23.18	23.11	23.29	23.25	23.20		
15	64QAM	1	0	23.26	23.21	23.29	23.22	23.28	23.7	2
15	64QAM	1	37	23.12	23.08	23.22	23.07	23.15		
15	64QAM	1	74	23.17	23.14	23.18	23.19	23.08		
15	64QAM	36	0	22.17	22.16	22.22	22.25	22.22	22.7	3
15	64QAM	36	20	22.16	22.16	22.21	22.12	22.15		
15	64QAM	36	39	22.17	22.11	22.24	22.15	22.18		
15	64QAM	75	0	22.21	22.21	22.26	22.24	22.19		
15	256QAM	1	0	19.99	20.17	20.16	20.12	20.12	20.7	5
15	256QAM	1	37	19.92	20.02	19.99	20.02	19.98		
15	256QAM	1	74	20.06	20.00	20.06	20.00	20.07		
15	256QAM	36	0	20.01	20.02	20.09	19.97	20.01	20.7	5
15	256QAM	36	20	20.02	20.05	20.07	20.04	19.98		
15	256QAM	36	39	20.05	20.04	20.13	20.05	20.07		
15	256QAM	75	0	20.08	20.11	20.10	20.03	20.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.18	25.09	25.24	25.29	25.23	26	0
10	QPSK	1	25	25.15	25.11	25.24	25.17	25.10		
10	QPSK	1	49	25.18	25.22	25.20	25.19	25.15		
10	QPSK	25	0	24.22	24.22	24.24	24.17	24.16	24.7	1
10	QPSK	25	12	24.09	24.14	24.13	24.11	24.11		
10	QPSK	25	25	24.15	24.12	24.15	24.07	24.12		
10	QPSK	50	0	24.07	24.08	24.12	24.07	24.11		
10	16QAM	1	0	24.10	24.07	24.07	23.95	24.00		
10	16QAM	1	25	24.20	24.16	24.26	24.11	24.14	24.7	1
10	16QAM	1	49	24.08	24.02	24.19	24.14	24.06		
10	16QAM	25	0	23.17	23.25	23.26	23.13	23.24	23.7	2
10	16QAM	25	12	23.18	23.13	23.24	23.16	23.15		
10	16QAM	25	25	23.21	23.18	23.18	23.10	23.05		
10	16QAM	50	0	23.19	23.17	23.21	23.25	23.19		
10	64QAM	1	0	23.22	23.26	23.29	23.15	23.30	23.7	2
10	64QAM	1	25	23.10	23.06	23.18	23.10	23.13		
10	64QAM	1	49	23.16	23.13	23.15	23.15	23.11		
10	64QAM	25	0	22.22	22.22	22.24	22.26	22.21	22.7	3
10	64QAM	25	12	22.20	22.08	22.24	22.19	22.18		
10	64QAM	25	25	22.17	22.14	22.25	22.19	22.24		
10	64QAM	50	0	22.26	22.24	22.29	22.25	22.16		
10	256QAM	1	0	20.00	20.14	20.17	20.08	20.08	20.7	5
10	256QAM	1	25	19.96	19.99	20.02	20.03	19.91		
10	256QAM	1	49	20.02	20.03	20.02	19.95	20.03		
10	256QAM	25	0	19.95	20.04	20.01	19.92	19.98	20.7	5
10	256QAM	25	12	19.96	20.03	20.09	20.01	19.98		
10	256QAM	25	25	20.03	20.09	20.11	20.01	20.07		
10	256QAM	50	0	20.02	20.12	20.11	20.02	20.05		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.25	25.11	25.30	25.23	25.20	26	0
5	QPSK	1	12	25.11	25.12	25.25	25.17	25.16		
5	QPSK	1	24	25.18	25.21	25.27	25.13	25.16		
5	QPSK	12	0	24.25	24.20	24.22	24.17	24.22	24.7	1
5	QPSK	12	7	24.04	24.18	24.16	24.14	24.08		
5	QPSK	12	13	24.19	24.15	24.13	24.13	24.16		
5	QPSK	25	0	24.13	24.09	24.20	24.08	24.06		
5	16QAM	1	0	24.09	24.08	24.07	24.01	24.01		
5	16QAM	1	12	24.14	24.15	24.26	24.14	24.16	24.7	1
5	16QAM	1	24	24.09	24.01	24.12	24.14	24.02		
5	16QAM	12	0	23.14	23.24	23.29	23.14	23.26	23.7	2
5	16QAM	12	7	23.20	23.05	23.19	23.20	23.12		
5	16QAM	12	13	23.17	23.14	23.18	23.11	23.06		
5	16QAM	25	0	23.17	23.19	23.29	23.26	23.16		
5	64QAM	1	0	23.24	23.20	23.31	23.22	23.22	23.7	2
5	64QAM	1	12	23.17	23.06	23.23	23.13	23.15		
5	64QAM	1	24	23.14	23.07	23.19	23.21	23.05		
5	64QAM	12	0	22.20	22.20	22.31	22.17	22.19	22.7	3
5	64QAM	12	7	22.17	22.10	22.21	22.19	22.15		
5	64QAM	12	13	22.21	22.13	22.20	22.19	22.19		
5	64QAM	25	0	22.18	22.24	22.29	22.22	22.20		
5	256QAM	1	0	20.05	20.16	20.09	20.06	20.10	20.7	5
5	256QAM	1	12	19.92	20.00	20.06	20.00	19.91		
5	256QAM	1	24	20.02	20.03	20.09	19.99	20.06		
5	256QAM	12	0	20.00	19.98	20.09	19.98	19.96	20.7	5
5	256QAM	12	7	20.02	19.99	20.10	20.04	19.99		
5	256QAM	12	13	20.10	20.07	20.15	19.97	20.11		
5	256QAM	25	0	20.06	20.08	20.14	20.07	20.03		

	GSM850 Ant1 DSIS							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.13	28.34	28.18	29.50	19.13	19.34	19.18	20.50
GPRS 1 Tx slot	27.98	28.28	28.14	29.50	18.98	19.28	19.14	20.50
GPRS 2 Tx slots	25.32	25.39	25.40	26.50	19.32	19.39	19.40	20.50
GPRS 3 Tx slots	23.43	23.52	23.55	24.70	19.17	19.26	19.29	20.44
GPRS 4 Tx slots	22.21	22.44	22.24	23.50	19.21	19.44	19.24	20.50
EDGE 1 Tx slot	22.79	22.98	22.83	23.50	13.79	13.98	13.83	14.50
EDGE 2 Tx slots	19.95	20.06	19.94	20.50	13.95	14.06	13.94	14.50
EDGE 3 Tx slots	18.29	18.32	18.25	18.70	14.03	14.06	13.99	14.44
EDGE 4 Tx slots	17.32	17.25	17.32	17.50	14.32	14.25	14.32	14.50

		WCDMA V Ant1 DSIS				WCDMA IV Ant1 DSIS			
Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.19	19.40	19.14	20.50	18.23	18.24	18.12	20.00
3GPP Rel 99	RMC 12.2Kbps	19.30	19.46	19.28	20.50	18.33	18.35	18.20	20.00
3GPP Rel 6	HSDPA Subtest-1	18.13	18.43	18.09	19.50	17.26	17.36	17.19	19.00
3GPP Rel 6	HSDPA Subtest-2	17.99	18.20	18.29	19.50	17.25	17.27	17.24	19.00
3GPP Rel 6	HSDPA Subtest-3	17.62	17.81	17.57	19.00	16.54	16.71	16.65	18.50
3GPP Rel 6	HSDPA Subtest-4	17.74	17.81	17.67	19.00	16.71	16.62	16.60	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.11	18.10	18.10	19.50	17.05	17.06	17.08	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.93	18.31	18.19	19.50	17.04	17.20	17.20	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.80	17.66	17.75	19.00	16.72	16.72	16.80	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.77	17.68	17.56	19.00	16.83	16.70	16.58	18.50
3GPP Rel 6	HSUPA Subtest-1	18.13	18.36	18.24	19.50	17.06	17.33	17.17	19.00
3GPP Rel 6	HSUPA Subtest-2	18.13	18.17	18.36	17.50	15.24	15.17	15.23	17.00
3GPP Rel 6	HSUPA Subtest-3	17.12	17.23	17.24	18.50	16.20	16.32	16.31	18.00
3GPP Rel 6	HSUPA Subtest-4	15.91	16.22	16.04	17.50	15.04	15.18	15.11	17.00
3GPP Rel 6	HSUPA Subtest-5	18.03	18.22	18.17	19.50	17.10	17.28	17.23	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.62	15.68	15.46	17.00	14.62	14.55	14.59	16.50

Band 4 Ant1 Other PA DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.71	19.89	19.62	20.7	0
20	QPSK	1	49	19.88	19.85	19.74		
20	QPSK	1	99	19.84	19.79	19.75		
20	QPSK	50	0	19.81	19.85	19.80	20.7	0
20	QPSK	50	24	19.77	19.80	19.82		
20	QPSK	50	50	19.83	19.81	19.79		
20	QPSK	100	0	19.75	19.83	19.80		
20	16QAM	1	0	19.59	19.79	19.51	20.7	0
20	16QAM	1	49	19.80	19.74	19.68		
20	16QAM	1	99	19.75	19.69	19.67		
20	16QAM	50	0	19.73	19.73	19.71	20.7	0
20	16QAM	50	24	19.65	19.73	19.71		
20	16QAM	50	50	19.74	19.69	19.71		
20	16QAM	100	0	19.66	19.75	19.72		
20	64QAM	1	0	19.48	19.71	19.39	20.7	0
20	64QAM	1	49	19.68	19.63	19.59		
20	64QAM	1	99	19.66	19.58	19.56		
20	64QAM	50	0	19.64	19.67	19.59	20.7	0
20	64QAM	50	24	19.54	19.67	19.64		
20	64QAM	50	50	19.62	19.58	19.60		
20	64QAM	100	0	19.56	19.66	19.65		
20	256QAM	1	0	19.52	19.72	19.43	20.7	0
20	256QAM	1	49	19.73	19.66	19.59		
20	256QAM	1	99	19.68	19.58	19.57		
20	256QAM	50	0	19.62	19.62	19.63	20.7	0
20	256QAM	50	24	19.54	19.63	19.60		
20	256QAM	50	50	19.67	19.63	19.61		
20	256QAM	100	0	19.54	19.67	19.63		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.60	19.81	19.55	20.7	0
15	QPSK	1	37	19.78	19.77	19.67		
15	QPSK	1	74	19.76	19.68	19.63		
15	QPSK	36	0	19.73	19.79	19.72	20.7	0
15	QPSK	36	20	19.69	19.73	19.73		
15	QPSK	36	39	19.75	19.73	19.72		
15	QPSK	75	0	19.69	19.76	19.72		
15	16QAM	1	0	19.52	19.70	19.40	20.7	0
15	16QAM	1	37	19.71	19.63	19.61		
15	16QAM	1	74	19.69	19.62	19.56		
15	16QAM	36	0	19.61	19.62	19.64	20.7	0
15	16QAM	36	20	19.58	19.64	19.60		
15	16QAM	36	39	19.65	19.61	19.60		
15	16QAM	75	0	19.57	19.63	19.64		
15	64QAM	1	0	19.36	19.64	19.29	20.7	0
15	64QAM	1	37	19.58	19.51	19.48		
15	64QAM	1	74	19.60	19.49	19.44		
15	64QAM	36	0	19.57	19.55	19.49	20.7	0
15	64QAM	36	20	19.43	19.60	19.53		
15	64QAM	36	39	19.56	19.52	19.51		
15	64QAM	75	0	19.49	19.54	19.57		
15	256QAM	1	0	19.42	19.62	19.32	20.7	0
15	256QAM	1	37	19.62	19.57	19.47		
15	256QAM	1	74	19.58	19.48	19.45		
15	256QAM	36	0	19.50	19.55	19.52	20.7	0
15	256QAM	36	20	19.47	19.52	19.53		
15	256QAM	36	39	19.60	19.55	19.50		
15	256QAM	75	0	19.47	19.59	19.52		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.63	19.83	19.51	20.7	0
10	QPSK	1	25	19.79	19.73	19.67		
10	QPSK	1	49	19.74	19.69	19.66		
10	QPSK	25	0	19.73	19.77	19.71	20.7	0
10	QPSK	25	12	19.70	19.73	19.74		
10	QPSK	25	25	19.71	19.69	19.69		
10	QPSK	50	0	19.64	19.76	19.73		
10	16QAM	1	0	19.49	19.68	19.42	20.7	0
10	16QAM	1	25	19.72	19.66	19.61		
10	16QAM	1	49	19.67	19.60	19.59		
10	16QAM	25	0	19.61	19.66	19.62	20.7	0
10	16QAM	25	12	19.55	19.66	19.62		
10	16QAM	25	25	19.67	19.61	19.61		
10	16QAM	50	0	19.58	19.64	19.62		
10	64QAM	1	0	19.38	19.61	19.28	20.7	0
10	64QAM	1	25	19.59	19.51	19.51		
10	64QAM	1	49	19.60	19.51	19.49		
10	64QAM	25	0	19.55	19.59	19.50	20.7	0
10	64QAM	25	12	19.44	19.56	19.57		
10	64QAM	25	25	19.52	19.49	19.49		
10	64QAM	50	0	19.48	19.60	19.59		
10	256QAM	1	0	19.42	19.60	19.35	20.7	0
10	256QAM	1	25	19.64	19.55	19.47		
10	256QAM	1	49	19.57	19.46	19.45		
10	256QAM	25	0	19.51	19.53	19.54	20.7	0
10	256QAM	25	12	19.43	19.53	19.51		
10	256QAM	25	25	19.55	19.57	19.54		
10	256QAM	50	0	19.43	19.57	19.54		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.63	19.79	19.53	20.7	0
5	QPSK	1	12	19.78	19.77	19.64		
5	QPSK	1	24	19.72	19.68	19.67		
5	QPSK	12	0	19.70	19.76	19.70	20.7	0
5	QPSK	12	7	19.68	19.70	19.73		
5	QPSK	12	13	19.73	19.72	19.73		
5	QPSK	25	0	19.63	19.75	19.69		
5	16QAM	1	0	19.49	19.72	19.39	20.7	0
5	16QAM	1	12	19.68	19.68	19.60		
5	16QAM	1	24	19.67	19.62	19.56		
5	16QAM	12	0	19.64	19.65	19.61	20.7	0
5	16QAM	12	7	19.56	19.61	19.64		
5	16QAM	12	13	19.63	19.63	19.64		
5	16QAM	25	0	19.58	19.64	19.64		
5	64QAM	1	0	19.42	19.62	19.30	20.7	0
5	64QAM	1	12	19.60	19.54	19.47		
5	64QAM	1	24	19.58	19.46	19.47		
5	64QAM	12	0	19.54	19.57	19.48	20.7	0
5	64QAM	12	7	19.43	19.56	19.56		
5	64QAM	12	13	19.51	19.48	19.51		
5	64QAM	25	0	19.48	19.56	19.54		
5	256QAM	1	0	19.43	19.63	19.32	20.7	0
5	256QAM	1	12	19.62	19.56	19.49		
5	256QAM	1	24	19.62	19.52	19.50		
5	256QAM	12	0	19.53	19.54	19.54	20.7	0
5	256QAM	12	7	19.44	19.52	19.53		
5	256QAM	12	13	19.60	19.55	19.53		
5	256QAM	25	0	19.45	19.57	19.56		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.63	19.83	19.55	20.7	0
3	QPSK	1	8	19.79	19.74	19.65		
3	QPSK	1	14	19.77	19.69	19.66		
3	QPSK	8	0	19.74	19.78	19.71	20.7	0
3	QPSK	8	4	19.70	19.72	19.70		
3	QPSK	8	7	19.76	19.72	19.71		
3	QPSK	15	0	19.67	19.72	19.71		
3	16QAM	1	0	19.51	19.73	19.41	20.7	0
3	16QAM	1	8	19.70	19.67	19.58		
3	16QAM	1	14	19.65	19.58	19.60		
3	16QAM	8	0	19.64	19.67	19.62	20.7	0
3	16QAM	8	4	19.53	19.64	19.60		
3	16QAM	8	7	19.65	19.61	19.61		
3	16QAM	15	0	19.56	19.63	19.65		
3	64QAM	1	0	19.42	19.61	19.31	20.7	0
3	64QAM	1	8	19.61	19.52	19.51		
3	64QAM	1	14	19.55	19.51	19.49		
3	64QAM	8	0	19.55	19.58	19.47	20.7	0
3	64QAM	8	4	19.44	19.59	19.52		
3	64QAM	8	7	19.52	19.46	19.51		
3	64QAM	15	0	19.45	19.55	19.56		
3	256QAM	1	0	19.44	19.65	19.32	20.7	0
3	256QAM	1	8	19.63	19.58	19.52		
3	256QAM	1	14	19.59	19.50	19.48		
3	256QAM	8	0	19.54	19.53	19.54	20.7	0
3	256QAM	8	4	19.46	19.53	19.49		
3	256QAM	8	7	19.56	19.53	19.55		
3	256QAM	15	0	19.43	19.57	19.54		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.62	19.80	19.51	20.7	0
1.4	QPSK	1	3	19.76	19.77	19.67		
1.4	QPSK	1	5	19.72	19.68	19.67		
1.4	QPSK	3	0	19.73	19.74	19.73		
1.4	QPSK	3	1	19.68	19.69	19.72		
1.4	QPSK	3	3	19.71	19.70	19.69		
1.4	QPSK	6	0	19.64	19.75	19.70	20.7	0
1.4	16QAM	1	0	19.50	19.71	19.43	20.7	0
1.4	16QAM	1	3	19.73	19.62	19.57		
1.4	16QAM	1	5	19.67	19.63	19.59		
1.4	16QAM	3	0	19.62	19.65	19.61		
1.4	16QAM	3	1	19.54	19.62	19.62		
1.4	16QAM	3	3	19.63	19.60	19.64		
1.4	16QAM	6	0	19.59	19.64	19.64	20.7	0
1.4	64QAM	1	0	19.42	19.60	19.28	20.7	0
1.4	64QAM	1	3	19.59	19.55	19.50		
1.4	64QAM	1	5	19.56	19.51	19.49		
1.4	64QAM	3	0	19.58	19.60	19.47		
1.4	64QAM	3	1	19.45	19.58	19.56		
1.4	64QAM	3	3	19.53	19.52	19.52		
1.4	64QAM	6	0	19.47	19.60	19.54	20.7	0
1.4	256QAM	1	0	19.42	19.65	19.36	20.7	0
1.4	256QAM	1	3	19.63	19.59	19.49		
1.4	256QAM	1	5	19.60	19.50	19.50		
1.4	256QAM	3	0	19.51	19.55	19.54		
1.4	256QAM	3	1	19.46	19.52	19.52		
1.4	256QAM	3	3	19.60	19.56	19.50		
1.4	256QAM	6	0	19.47	19.56	19.57	20.7	0

Band 5 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.39	20.61	20.44	21.5	0
10	QPSK	1	25	20.45	20.43	20.41		
10	QPSK	1	49	20.42	20.52	20.37		
10	QPSK	25	0	20.43	20.55	20.46	21.5	0
10	QPSK	25	12	20.52	20.53	20.50		
10	QPSK	25	25	20.43	20.43	20.45		
10	QPSK	50	0	20.52	20.55	20.52		
10	16QAM	1	0	20.37	20.57	20.37	21.5	0
10	16QAM	1	25	20.43	20.35	20.32		
10	16QAM	1	49	20.36	20.50	20.35		
10	16QAM	25	0	20.39	20.50	20.42	21.5	0
10	16QAM	25	12	20.49	20.43	20.45		
10	16QAM	25	25	20.40	20.38	20.38		
10	16QAM	50	0	20.42	20.45	20.49		
10	64QAM	1	0	20.29	20.52	20.37	21.5	0
10	64QAM	1	25	20.34	20.32	20.35		
10	64QAM	1	49	20.35	20.47	20.30		
10	64QAM	25	0	20.40	20.52	20.39	21.5	0
10	64QAM	25	12	20.44	20.51	20.46		
10	64QAM	25	25	20.39	20.39	20.43		
10	64QAM	50	0	20.50	20.46	20.44		
10	256QAM	1	0	19.37	19.63	19.45	20.5	1
10	256QAM	1	25	19.40	19.38	19.42		
10	256QAM	1	49	19.39	19.55	19.34		
10	256QAM	25	0	19.48	19.51	19.45	20.5	1
10	256QAM	25	12	19.53	19.55	19.48		
10	256QAM	25	25	19.43	19.38	19.50		
10	256QAM	50	0	19.55	19.51	19.56		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.36	20.58	20.39	21.5	0
5	QPSK	1	12	20.38	20.39	20.36		
5	QPSK	1	24	20.35	20.43	20.32		
5	QPSK	12	0	20.36	20.52	20.44	21.5	0
5	QPSK	12	7	20.44	20.46	20.41		
5	QPSK	12	13	20.38	20.41	20.38		
5	QPSK	25	0	20.49	20.44	20.45		
5	16QAM	1	0	20.34	20.55	20.30	21.5	0
5	16QAM	1	12	20.40	20.29	20.24		
5	16QAM	1	24	20.28	20.42	20.33		
5	16QAM	12	0	20.31	20.42	20.35	21.5	0
5	16QAM	12	7	20.47	20.40	20.41		
5	16QAM	12	13	20.34	20.36	20.35		
5	16QAM	25	0	20.39	20.36	20.43		
5	64QAM	1	0	20.20	20.43	20.27	21.5	0
5	64QAM	1	12	20.28	20.28	20.30		
5	64QAM	1	24	20.26	20.36	20.24		
5	64QAM	12	0	20.32	20.44	20.34	21.5	0
5	64QAM	12	7	20.36	20.49	20.44		
5	64QAM	12	13	20.35	20.33	20.40		
5	64QAM	25	0	20.40	20.35	20.38		
5	256QAM	1	0	19.29	19.59	19.39	20.5	1
5	256QAM	1	12	19.34	19.36	19.36		
5	256QAM	1	24	19.29	19.49	19.32		
5	256QAM	12	0	19.40	19.41	19.36	20.5	1
5	256QAM	12	7	19.47	19.51	19.38		
5	256QAM	12	13	19.38	19.29	19.47		
5	256QAM	25	0	19.48	19.44	19.50		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.32	20.52	20.37	21.5	0
3	QPSK	1	8	20.44	20.33	20.33		
3	QPSK	1	14	20.39	20.48	20.29		
3	QPSK	8	0	20.40	20.48	20.36	21.5	0
3	QPSK	8	4	20.49	20.51	20.43		
3	QPSK	8	7	20.39	20.38	20.41		
3	QPSK	15	0	20.44	20.49	20.50		
3	16QAM	1	0	20.36	20.51	20.35	21.5	0
3	16QAM	1	8	20.34	20.31	20.22		
3	16QAM	1	14	20.27	20.41	20.30		
3	16QAM	8	0	20.29	20.48	20.34	21.5	0
3	16QAM	8	4	20.44	20.41	20.42		
3	16QAM	8	7	20.36	20.27	20.31		
3	16QAM	15	0	20.37	20.41	20.44		
3	64QAM	1	0	20.23	20.48	20.27	21.5	0
3	64QAM	1	8	20.29	20.26	20.30		
3	64QAM	1	14	20.27	20.39	20.27		
3	64QAM	8	0	20.38	20.42	20.32	21.5	0
3	64QAM	8	4	20.41	20.49	20.35		
3	64QAM	8	7	20.30	20.33	20.39		
3	64QAM	15	0	20.47	20.45	20.33		
3	256QAM	1	0	19.26	19.54	19.38	20.5	1
3	256QAM	1	8	19.34	19.30	19.33		
3	256QAM	1	14	19.31	19.46	19.30		
3	256QAM	8	0	19.40	19.42	19.43	20.5	1
3	256QAM	8	4	19.43	19.49	19.39		
3	256QAM	8	7	19.40	19.33	19.41		
3	256QAM	15	0	19.45	19.48	19.48		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.35	20.58	20.36	21.5	0
1.4	QPSK	1	3	20.36	20.34	20.39		
1.4	QPSK	1	5	20.40	20.43	20.30		
1.4	QPSK	3	0	20.40	20.48	20.36		
1.4	QPSK	3	1	20.48	20.52	20.44		
1.4	QPSK	3	3	20.39	20.37	20.42		
1.4	QPSK	6	0	20.41	20.50	20.46	21.5	0
1.4	16QAM	1	0	20.34	20.53	20.27	21.5	0
1.4	16QAM	1	3	20.37	20.34	20.26		
1.4	16QAM	1	5	20.35	20.40	20.25		
1.4	16QAM	3	0	20.31	20.46	20.35		
1.4	16QAM	3	1	20.40	20.35	20.40		
1.4	16QAM	3	3	20.36	20.34	20.30		
1.4	16QAM	6	0	20.37	20.40	20.47	21.5	0
1.4	64QAM	1	0	20.27	20.43	20.36	21.5	0
1.4	64QAM	1	3	20.24	20.25	20.24		
1.4	64QAM	1	5	20.28	20.42	20.21		
1.4	64QAM	3	0	20.32	20.49	20.33		
1.4	64QAM	3	1	20.40	20.48	20.37		
1.4	64QAM	3	3	20.37	20.31	20.42		
1.4	64QAM	6	0	20.43	20.43	20.42	21.5	0
1.4	256QAM	1	0	19.28	19.59	19.42	20.5	1
1.4	256QAM	1	3	19.33	19.31	19.35		
1.4	256QAM	1	5	19.31	19.47	19.25		
1.4	256QAM	3	0	19.42	19.40	19.39		
1.4	256QAM	3	1	19.44	19.52	19.45		
1.4	256QAM	3	3	19.40	19.28	19.48		
1.4	256QAM	6	0	19.47	19.41	19.45	20.5	1

Band 7 Ant1 Other PA DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.01	19.09	19.05	19.7	0
20	QPSK	1	49	18.89	18.97	18.86		
20	QPSK	1	99	18.86	19.03	18.89		
20	QPSK	50	0	18.99	19.03	18.85	19.7	0
20	QPSK	50	24	18.92	18.89	18.85		
20	QPSK	50	50	18.86	19.01	18.82		
20	QPSK	100	0	18.92	18.95	18.94		
20	16QAM	1	0	18.96	18.98	19.02	19.7	0
20	16QAM	1	49	18.84	18.95	18.77		
20	16QAM	1	99	18.83	18.93	18.83		
20	16QAM	50	0	18.96	18.98	18.77	19.7	0
20	16QAM	50	24	18.89	18.87	18.79		
20	16QAM	50	50	18.83	18.93	18.73		
20	16QAM	100	0	18.81	18.88	18.92		
20	64QAM	1	0	18.93	19.06	18.99	19.7	0
20	64QAM	1	49	18.84	18.88	18.76		
20	64QAM	1	99	18.82	18.93	18.84		
20	64QAM	50	0	18.89	18.96	18.78	19.7	0
20	64QAM	50	24	18.82	18.83	18.82		
20	64QAM	50	50	18.82	18.94	18.73		
20	64QAM	100	0	18.81	18.92	18.89		
20	256QAM	1	0	18.94	18.99	18.97	19.7	0
20	256QAM	1	49	18.79	18.96	18.82		
20	256QAM	1	99	18.85	19.01	18.81		
20	256QAM	50	0	18.92	18.95	18.81	19.7	0
20	256QAM	50	24	18.88	18.80	18.83		
20	256QAM	50	50	18.76	18.94	18.80		
20	256QAM	100	0	18.84	18.89	18.89		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.94	19.08	18.95	19.7	0
15	QPSK	1	37	18.81	18.92	18.82		
15	QPSK	1	74	18.83	18.95	18.88		
15	QPSK	36	0	18.93	18.95	18.79	19.7	0
15	QPSK	36	20	18.90	18.78	18.75		
15	QPSK	36	39	18.79	18.92	18.76		
15	QPSK	75	0	18.84	18.87	18.86		
15	16QAM	1	0	18.90	18.97	18.95	19.7	0
15	16QAM	1	37	18.76	18.94	18.66		
15	16QAM	1	74	18.82	18.85	18.74		
15	16QAM	36	0	18.94	18.90	18.69	19.7	0
15	16QAM	36	20	18.85	18.86	18.76		
15	16QAM	36	39	18.81	18.90	18.71		
15	16QAM	75	0	18.77	18.79	18.87		
15	64QAM	1	0	18.83	19.03	18.98	19.7	0
15	64QAM	1	37	18.79	18.84	18.74		
15	64QAM	1	74	18.75	18.90	18.80		
15	64QAM	36	0	18.87	18.90	18.74	19.7	0
15	64QAM	36	20	18.77	18.74	18.73		
15	64QAM	36	39	18.71	18.89	18.68		
15	64QAM	75	0	18.71	18.87	18.86		
15	256QAM	1	0	18.91	18.92	18.91	19.7	0
15	256QAM	1	37	18.75	18.86	18.74		
15	256QAM	1	74	18.81	18.92	18.78		
15	256QAM	36	0	18.84	18.89	18.76	19.7	0
15	256QAM	36	20	18.85	18.74	18.79		
15	256QAM	36	39	18.69	18.85	18.72		
15	256QAM	75	0	18.75	18.79	18.81		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.96	19.01	18.96	19.7	0
10	QPSK	1	25	18.81	18.92	18.80		
10	QPSK	1	49	18.81	18.99	18.81		
10	QPSK	25	0	18.95	18.96	18.80	19.7	0
10	QPSK	25	12	18.84	18.79	18.77		
10	QPSK	25	25	18.82	18.97	18.71		
10	QPSK	50	0	18.90	18.93	18.93		
10	16QAM	1	0	18.94	18.88	18.97	19.7	0
10	16QAM	1	25	18.82	18.90	18.70		
10	16QAM	1	49	18.76	18.90	18.81		
10	16QAM	25	0	18.91	18.91	18.68	19.7	0
10	16QAM	25	12	18.79	18.81	18.73		
10	16QAM	25	25	18.75	18.84	18.64		
10	16QAM	50	0	18.73	18.78	18.84		
10	64QAM	1	0	18.91	18.95	18.91	19.7	0
10	64QAM	1	25	18.78	18.79	18.67		
10	64QAM	1	49	18.71	18.87	18.82		
10	64QAM	25	0	18.83	18.90	18.71	19.7	0
10	64QAM	25	12	18.74	18.78	18.74		
10	64QAM	25	25	18.75	18.88	18.67		
10	64QAM	50	0	18.78	18.85	18.80		
10	256QAM	1	0	18.83	18.97	18.94	19.7	0
10	256QAM	1	25	18.75	18.90	18.76		
10	256QAM	1	49	18.76	18.94	18.73		
10	256QAM	25	0	18.87	18.91	18.79	19.7	0
10	256QAM	25	12	18.83	18.73	18.81		
10	256QAM	25	25	18.70	18.92	18.73		
10	256QAM	50	0	18.77	18.81	18.82		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.95	19.08	19.02	19.7	0
5	QPSK	1	12	18.87	18.89	18.75		
5	QPSK	1	24	18.80	18.95	18.87		
5	QPSK	12	0	18.97	18.94	18.78	19.7	0
5	QPSK	12	7	18.86	18.87	18.76		
5	QPSK	12	13	18.81	18.90	18.79		
5	QPSK	25	0	18.85	18.93	18.87		
5	16QAM	1	0	18.93	18.97	18.97	19.7	0
5	16QAM	1	12	18.77	18.86	18.66		
5	16QAM	1	24	18.77	18.83	18.79		
5	16QAM	12	0	18.89	18.88	18.70	19.7	0
5	16QAM	12	7	18.80	18.77	18.73		
5	16QAM	12	13	18.78	18.85	18.63		
5	16QAM	25	0	18.72	18.86	18.83		
5	64QAM	1	0	18.85	19.03	18.94	19.7	0
5	64QAM	1	12	18.78	18.86	18.74		
5	64QAM	1	24	18.74	18.82	18.81		
5	64QAM	12	0	18.83	18.95	18.76	19.7	0
5	64QAM	12	7	18.77	18.74	18.73		
5	64QAM	12	13	18.75	18.88	18.64		
5	64QAM	25	0	18.73	18.83	18.87		
5	256QAM	1	0	18.91	18.93	18.92	19.7	0
5	256QAM	1	12	18.71	18.89	18.73		
5	256QAM	1	24	18.83	18.90	18.79		
5	256QAM	12	0	18.81	18.91	18.80	19.7	0
5	256QAM	12	7	18.80	18.70	18.76		
5	256QAM	12	13	18.68	18.84	18.79		
5	256QAM	25	0	18.78	18.88	18.85		

Band 12 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	20.50	20.65	20.50	21.5	0
10	QPSK	1	25	20.46	20.52	20.52		
10	QPSK	1	49	20.36	20.53	20.45		
10	QPSK	25	0	20.39	20.61	20.46	21.5	0
10	QPSK	25	12	20.43	20.60	20.46		
10	QPSK	25	25	20.41	20.50	20.45		
10	QPSK	50	0	20.40	20.55	20.50		
10	16QAM	1	0	20.47	20.60	20.47	21.5	0
10	16QAM	1	25	20.44	20.43	20.48		
10	16QAM	1	49	20.26	20.44	20.39		
10	16QAM	25	0	20.38	20.55	20.39	21.5	0
10	16QAM	25	12	20.34	20.53	20.35		
10	16QAM	25	25	20.39	20.42	20.41		
10	16QAM	50	0	20.31	20.45	20.45		
10	64QAM	1	0	20.45	20.60	20.45	21.5	0
10	64QAM	1	25	20.40	20.50	20.44		
10	64QAM	1	49	20.27	20.43	20.36		
10	64QAM	25	0	20.30	20.57	20.41	21.5	0
10	64QAM	25	12	20.42	20.50	20.38		
10	64QAM	25	25	20.31	20.48	20.36		
10	64QAM	50	0	20.34	20.52	20.46		
10	256QAM	1	0	19.54	19.67	19.54	20.5	1
10	256QAM	1	25	19.44	19.52	19.50		
10	256QAM	1	49	19.34	19.56	19.42		
10	256QAM	25	0	19.40	19.63	19.48	20.5	1
10	256QAM	25	12	19.46	19.57	19.42		
10	256QAM	25	25	19.40	19.54	19.47		
10	256QAM	50	0	19.40	19.59	19.47		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	20.44	20.56	20.41	21.5	0
5	QPSK	1	12	20.36	20.44	20.43		
5	QPSK	1	24	20.31	20.50	20.38		
5	QPSK	12	0	20.35	20.57	20.44	21.5	0
5	QPSK	12	7	20.36	20.56	20.37		
5	QPSK	12	13	20.33	20.41	20.36		
5	QPSK	25	0	20.31	20.49	20.40		
5	16QAM	1	0	20.39	20.57	20.38	21.5	0
5	16QAM	1	12	20.36	20.35	20.37		
5	16QAM	1	24	20.23	20.38	20.28		
5	16QAM	12	0	20.30	20.46	20.35	21.5	0
5	16QAM	12	7	20.27	20.50	20.27		
5	16QAM	12	13	20.35	20.32	20.30		
5	16QAM	25	0	20.29	20.39	20.41		
5	64QAM	1	0	20.41	20.52	20.41	21.5	0
5	64QAM	1	12	20.34	20.40	20.40		
5	64QAM	1	24	20.18	20.40	20.33		
5	64QAM	12	0	20.25	20.54	20.34	21.5	0
5	64QAM	12	7	20.32	20.48	20.36		
5	64QAM	12	13	20.28	20.45	20.35		
5	64QAM	25	0	20.23	20.48	20.38		
5	256QAM	1	0	19.51	19.62	19.44	20.5	1
5	256QAM	1	12	19.42	19.45	19.44		
5	256QAM	1	24	19.30	19.45	19.41		
5	256QAM	12	0	19.35	19.61	19.39	20.5	1
5	256QAM	12	7	19.36	19.46	19.32		
5	256QAM	12	13	19.31	19.48	19.41		
5	256QAM	25	0	19.30	19.52	19.40		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	20.43	20.55	20.39	21.5	0
3	QPSK	1	8	20.43	20.43	20.50		
3	QPSK	1	14	20.26	20.45	20.38		
3	QPSK	8	0	20.32	20.56	20.44	21.5	0
3	QPSK	8	4	20.35	20.59	20.42		
3	QPSK	8	7	20.33	20.44	20.37		
3	QPSK	15	0	20.36	20.51	20.45		
3	16QAM	1	0	20.44	20.53	20.38	21.5	0
3	16QAM	1	8	20.37	20.35	20.47		
3	16QAM	1	14	20.17	20.38	20.35		
3	16QAM	8	0	20.29	20.46	20.29	21.5	0
3	16QAM	8	4	20.23	20.49	20.25		
3	16QAM	8	7	20.33	20.32	20.31		
3	16QAM	15	0	20.26	20.35	20.35		
3	64QAM	1	0	20.41	20.50	20.39	21.5	0
3	64QAM	1	8	20.33	20.39	20.40		
3	64QAM	1	14	20.25	20.41	20.27		
3	64QAM	8	0	20.27	20.54	20.38	21.5	0
3	64QAM	8	4	20.31	20.44	20.32		
3	64QAM	8	7	20.25	20.45	20.34		
3	64QAM	15	0	20.31	20.45	20.45		
3	256QAM	1	0	19.44	19.65	19.53	20.5	1
3	256QAM	1	8	19.41	19.42	19.40		
3	256QAM	1	14	19.27	19.45	19.36		
3	256QAM	8	0	19.31	19.55	19.45	20.5	1
3	256QAM	8	4	19.38	19.53	19.34		
3	256QAM	8	7	19.34	19.52	19.38		
3	256QAM	15	0	19.32	19.56	19.42		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	20.47	20.59	20.44	21.5	0
1.4	QPSK	1	3	20.40	20.48	20.45		
1.4	QPSK	1	5	20.25	20.44	20.37		
1.4	QPSK	3	0	20.31	20.53	20.37		
1.4	QPSK	3	1	20.39	20.57	20.37		
1.4	QPSK	3	3	20.37	20.44	20.41		
1.4	QPSK	6	0	20.39	20.52	20.45	21.5	0
1.4	16QAM	1	0	20.43	20.59	20.44	21.5	0
1.4	16QAM	1	3	20.40	20.39	20.37		
1.4	16QAM	1	5	20.16	20.39	20.38		
1.4	16QAM	3	0	20.33	20.49	20.35		
1.4	16QAM	3	1	20.33	20.43	20.26		
1.4	16QAM	3	3	20.35	20.31	20.38		
1.4	16QAM	6	0	20.21	20.42	20.41	21.5	0
1.4	64QAM	1	0	20.41	20.55	20.37	21.5	0
1.4	64QAM	1	3	20.31	20.48	20.36		
1.4	64QAM	1	5	20.26	20.39	20.33		
1.4	64QAM	3	0	20.29	20.54	20.37		
1.4	64QAM	3	1	20.38	20.43	20.35		
1.4	64QAM	3	3	20.24	20.46	20.27		
1.4	64QAM	6	0	20.24	20.49	20.39	21.5	0
1.4	256QAM	1	0	19.44	19.61	19.46	20.5	1
1.4	256QAM	1	3	19.34	19.47	19.47		
1.4	256QAM	1	5	19.27	19.54	19.36		
1.4	256QAM	3	0	19.35	19.54	19.47		
1.4	256QAM	3	1	19.43	19.55	19.40		
1.4	256QAM	3	3	19.32	19.48	19.44		
1.4	256QAM	6	0	19.36	19.51	19.41	20.5	1

Band 17 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	20.30	20.68	20.41	21.5	0
10	QPSK	1	25	20.44	20.60	20.39		
10	QPSK	1	49	20.57	20.61	20.40		
10	QPSK	25	0	20.48	20.62	20.41	21.5	0
10	QPSK	25	12	20.61	20.53	20.38		
10	QPSK	25	25	20.49	20.47	20.43		
10	QPSK	50	0	20.57	20.58	20.49		
10	16QAM	1	0	20.24	20.66	20.40	21.5	0
10	16QAM	1	25	20.34	20.56	20.37		
10	16QAM	1	49	20.47	20.52	20.39		
10	16QAM	25	0	20.46	20.51	20.31	21.5	0
10	16QAM	25	12	20.57	20.52	20.33		
10	16QAM	25	25	20.45	20.45	20.40		
10	16QAM	50	0	20.46	20.56	20.43		
10	64QAM	1	0	20.23	20.59	20.30	21.5	0
10	64QAM	1	25	20.37	20.55	20.29		
10	64QAM	1	49	20.53	20.57	20.32		
10	64QAM	25	0	20.41	20.60	20.34	21.5	0
10	64QAM	25	12	20.54	20.44	20.28		
10	64QAM	25	25	20.38	20.44	20.34		
10	64QAM	50	0	20.46	20.50	20.40		
10	256QAM	1	0	19.32	19.64	19.37	20.5	1
10	256QAM	1	25	19.45	19.59	19.41		
10	256QAM	1	49	19.58	19.57	19.41		
10	256QAM	25	0	19.50	19.61	19.41	20.5	1
10	256QAM	25	12	19.62	19.54	19.36		
10	256QAM	25	25	19.53	19.49	19.43		
10	256QAM	50	0	19.52	19.59	19.50		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	20.29	20.58	20.33	21.5	0
5	QPSK	1	12	20.37	20.51	20.38		
5	QPSK	1	24	20.56	20.53	20.35		
5	QPSK	12	0	20.47	20.54	20.34	21.5	0
5	QPSK	12	7	20.55	20.46	20.28		
5	QPSK	12	13	20.45	20.39	20.41		
5	QPSK	25	0	20.53	20.53	20.38		
5	16QAM	1	0	20.22	20.60	20.34	21.5	0
5	16QAM	1	12	20.25	20.54	20.27		
5	16QAM	1	24	20.37	20.45	20.38		
5	16QAM	12	0	20.40	20.46	20.22	21.5	0
5	16QAM	12	7	20.48	20.41	20.25		
5	16QAM	12	13	20.40	20.39	20.38		
5	16QAM	25	0	20.43	20.51	20.42		
5	64QAM	1	0	20.14	20.57	20.24	21.5	0
5	64QAM	1	12	20.33	20.48	20.26		
5	64QAM	1	24	20.50	20.54	20.29		
5	64QAM	12	0	20.30	20.54	20.29	21.5	0
5	64QAM	12	7	20.47	20.41	20.23		
5	64QAM	12	13	20.28	20.35	20.29		
5	64QAM	25	0	20.38	20.40	20.36		
5	256QAM	1	0	19.23	19.60	19.30	20.5	1
5	256QAM	1	12	19.37	19.57	19.31		
5	256QAM	1	24	19.55	19.51	19.40		
5	256QAM	12	0	19.39	19.53	19.32	20.5	1
5	256QAM	12	7	19.58	19.50	19.28		
5	256QAM	12	13	19.47	19.42	19.41		
5	256QAM	25	0	19.42	19.55	19.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.53	20.65	20.47	21.5	0
15	QPSK	1	37	20.51	20.50	20.52		
15	QPSK	1	74	20.61	20.60	20.53		
15	QPSK	36	0	20.39	20.59	20.49	21.5	0
15	QPSK	36	20	20.55	20.54	20.49		
15	QPSK	36	39	20.53	20.41	20.53		
15	QPSK	75	0	20.53	20.55	20.54		
15	16QAM	1	0	20.48	20.55	20.46	21.5	0
15	16QAM	1	37	20.42	20.42	20.49		
15	16QAM	1	74	20.34	20.40	20.47		
15	16QAM	36	0	20.37	20.50	20.44	21.5	0
15	16QAM	36	20	20.48	20.53	20.43		
15	16QAM	36	39	20.49	20.36	20.46		
15	16QAM	75	0	20.48	20.48	20.51		
15	64QAM	1	0	20.52	20.60	20.39	21.5	0
15	64QAM	1	37	20.49	20.48	20.46		
15	64QAM	1	74	20.37	20.40	20.51		
15	64QAM	36	0	20.29	20.48	20.38	21.5	0
15	64QAM	36	20	20.54	20.45	20.46		
15	64QAM	36	39	20.43	20.39	20.44		
15	64QAM	75	0	20.43	20.45	20.48		
15	256QAM	1	0	19.49	19.68	19.44	20.5	1
15	256QAM	1	37	19.51	19.47	19.52		
15	256QAM	1	74	19.46	19.54	19.49		
15	256QAM	36	0	19.40	19.61	19.53	20.5	1
15	256QAM	36	20	19.58	19.49	19.52		
15	256QAM	36	39	19.55	19.45	19.51		
15	256QAM	75	0	19.55	19.55	19.52		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.52	20.61	20.37	21.5	0
10	QPSK	1	25	20.48	20.44	20.46		
10	QPSK	1	49	20.35	20.40	20.47		
10	QPSK	25	0	20.33	20.55	20.42	21.5	0
10	QPSK	25	12	20.50	20.48	20.41		
10	QPSK	25	25	20.49	20.33	20.45		
10	QPSK	50	0	20.50	20.46	20.49		
10	16QAM	1	0	20.39	20.52	20.41	21.5	0
10	16QAM	1	25	20.34	20.36	20.46		
10	16QAM	1	49	20.23	20.31	20.45		
10	16QAM	25	0	20.28	20.49	20.40	21.5	0
10	16QAM	25	12	20.38	20.44	20.38		
10	16QAM	25	25	20.45	20.28	20.38		
10	16QAM	50	0	20.41	20.47	20.40		
10	64QAM	1	0	20.47	20.55	20.33	21.5	0
10	64QAM	1	25	20.47	20.38	20.37		
10	64QAM	1	49	20.30	20.36	20.48		
10	64QAM	25	0	20.23	20.45	20.36	21.5	0
10	64QAM	25	12	20.45	20.34	20.42		
10	64QAM	25	25	20.39	20.34	20.40		
10	64QAM	50	0	20.42	20.40	20.37		
10	256QAM	1	0	19.39	19.65	19.39	20.5	1
10	256QAM	1	25	19.41	19.45	19.45		
10	256QAM	1	49	19.41	19.45	19.48		
10	256QAM	25	0	19.31	19.53	19.44	20.5	1
10	256QAM	25	12	19.53	19.46	19.51		
10	256QAM	25	25	19.54	19.43	19.49		
10	256QAM	50	0	19.49	19.50	19.44		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.46	20.62	20.39	21.5	0
5	QPSK	1	12	20.45	20.41	20.48		
5	QPSK	1	24	20.40	20.48	20.43		
5	QPSK	12	0	20.30	20.54	20.42	21.5	0
5	QPSK	12	7	20.54	20.49	20.38		
5	QPSK	12	13	20.42	20.34	20.52		
5	QPSK	25	0	20.45	20.47	20.46		
5	16QAM	1	0	20.45	20.49	20.45	21.5	0
5	16QAM	1	12	20.32	20.34	20.47		
5	16QAM	1	24	20.30	20.30	20.43		
5	16QAM	12	0	20.31	20.40	20.40	21.5	0
5	16QAM	12	7	20.47	20.49	20.35		
5	16QAM	12	13	20.42	20.27	20.39		
5	16QAM	25	0	20.46	20.47	20.47		
5	64QAM	1	0	20.43	20.52	20.34	21.5	0
5	64QAM	1	12	20.41	20.41	20.44		
5	64QAM	1	24	20.27	20.32	20.46		
5	64QAM	12	0	20.25	20.37	20.35	21.5	0
5	64QAM	12	7	20.47	20.38	20.45		
5	64QAM	12	13	20.33	20.33	20.35		
5	64QAM	25	0	20.40	20.39	20.40		
5	256QAM	1	0	19.39	19.57	19.37	20.5	1
5	256QAM	1	12	19.42	19.45	19.47		
5	256QAM	1	24	19.44	19.45	19.44		
5	256QAM	12	0	19.33	19.59	19.51	20.5	1
5	256QAM	12	7	19.55	19.47	19.43		
5	256QAM	12	13	19.47	19.40	19.48		
5	256QAM	25	0	19.47	19.46	19.42		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.45	20.63	20.41	21.5	0
3	QPSK	1	8	20.45	20.41	20.49		
3	QPSK	1	14	20.34	20.43	20.47		
3	QPSK	8	0	20.37	20.54	20.39	21.5	0
3	QPSK	8	4	20.44	20.47	20.45		
3	QPSK	8	7	20.46	20.32	20.49		
3	QPSK	15	0	20.46	20.45	20.48		
3	16QAM	1	0	20.40	20.48	20.42	21.5	0
3	16QAM	1	8	20.37	20.36	20.39		
3	16QAM	1	14	20.25	20.32	20.37		
3	16QAM	8	0	20.28	20.41	20.37	21.5	0
3	16QAM	8	4	20.40	20.48	20.35		
3	16QAM	8	7	20.44	20.32	20.41		
3	16QAM	15	0	20.43	20.47	20.45		
3	64QAM	1	0	20.45	20.53	20.30	21.5	0
3	64QAM	1	8	20.46	20.43	20.43		
3	64QAM	1	14	20.27	20.38	20.46		
3	64QAM	8	0	20.22	20.44	20.29	21.5	0
3	64QAM	8	4	20.44	20.40	20.40		
3	64QAM	8	7	20.41	20.32	20.35		
3	64QAM	15	0	20.37	20.44	20.39		
3	256QAM	1	0	19.43	19.65	19.33	20.5	1
3	256QAM	1	8	19.44	19.43	19.41		
3	256QAM	1	14	19.42	19.51	19.40		
3	256QAM	8	0	19.36	19.55	19.42	20.5	1
3	256QAM	8	4	19.49	19.42	19.44		
3	256QAM	8	7	19.51	19.43	19.46		
3	256QAM	15	0	19.47	19.51	19.46		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.45	20.57	20.44	21.5	0
1.4	QPSK	1	3	20.43	20.43	20.47		
1.4	QPSK	1	5	20.38	20.47	20.51		
1.4	QPSK	3	0	20.38	20.50	20.42		
1.4	QPSK	3	1	20.48	20.50	20.44		
1.4	QPSK	3	3	20.51	20.30	20.51		
1.4	QPSK	6	0	20.51	20.47	20.47	21.5	0
1.4	16QAM	1	0	20.46	20.49	20.42	21.5	0
1.4	16QAM	1	3	20.36	20.40	20.48		
1.4	16QAM	1	5	20.24	20.31	20.39		
1.4	16QAM	3	0	20.36	20.45	20.42		
1.4	16QAM	3	1	20.40	20.44	20.40		
1.4	16QAM	3	3	20.41	20.29	20.36		
1.4	16QAM	6	0	20.46	20.39	20.43	21.5	0
1.4	64QAM	1	0	20.45	20.50	20.32	21.5	0
1.4	64QAM	1	3	20.39	20.39	20.42		
1.4	64QAM	1	5	20.33	20.35	20.50		
1.4	64QAM	3	0	20.19	20.41	20.35		
1.4	64QAM	3	1	20.48	20.37	20.43		
1.4	64QAM	3	3	20.34	20.36	20.39		
1.4	64QAM	6	0	20.33	20.37	20.45	21.5	0
1.4	256QAM	1	0	19.48	19.61	19.34	20.5	1
1.4	256QAM	1	3	19.48	19.38	19.47		
1.4	256QAM	1	5	19.38	19.44	19.46		
1.4	256QAM	3	0	19.33	19.51	19.47		
1.4	256QAM	3	1	19.49	19.46	19.50		
1.4	256QAM	3	3	19.48	19.38	19.49		
1.4	256QAM	6	0	19.44	19.49	19.42	20.5	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	14.04	14.15	13.97	15.7	0
20	QPSK	1	49	13.98	13.90	13.82		
20	QPSK	1	99	14.01	14.02	13.84		
20	QPSK	50	0	13.91	14.06	13.91	15.7	0
20	QPSK	50	24	13.93	14.05	13.99		
20	QPSK	50	50	13.97	13.98	13.83		
20	QPSK	100	0	13.93	14.04	13.90		
20	16QAM	1	0	13.97	14.12	13.95	15.7	0
20	16QAM	1	49	13.91	13.86	13.75		
20	16QAM	1	99	13.99	13.95	13.80		
20	16QAM	50	0	13.84	14.00	13.86	15.7	0
20	16QAM	50	24	13.90	14.00	13.89		
20	16QAM	50	50	13.94	13.95	13.82		
20	16QAM	100	0	13.89	14.00	13.80		
20	64QAM	1	0	13.95	14.13	13.95	15.7	0
20	64QAM	1	49	13.92	13.79	13.74		
20	64QAM	1	99	14.00	13.99	13.82		
20	64QAM	50	0	13.82	13.97	13.89	15.7	0
20	64QAM	50	24	13.83	13.99	13.97		
20	64QAM	50	50	13.91	13.97	13.81		
20	64QAM	100	0	13.84	14.00	13.79		
20	256QAM	1	0	14.01	14.06	13.90	15.7	0
20	256QAM	1	49	13.89	13.83	13.79		
20	256QAM	1	99	13.91	13.92	13.81		
20	256QAM	50	0	13.88	13.97	13.84	15.7	0
20	256QAM	50	24	13.82	13.97	13.89		
20	256QAM	50	50	13.88	13.91	13.75		
20	256QAM	100	0	13.83	13.97	13.81		
Channel				132047	4	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	13.96	14.06	13.87	15.7	0
15	QPSK	1	37	13.92	13.89	13.75		
15	QPSK	1	74	13.98	13.95	13.77		
15	QPSK	36	0	13.81	13.98	13.84	15.7	0
15	QPSK	36	20	13.90	14.03	13.92		
15	QPSK	36	39	13.94	13.91	13.75		
15	QPSK	75	0	13.87	13.95	13.88		
15	16QAM	1	0	13.88	14.06	13.88	15.7	0
15	16QAM	1	37	13.90	13.80	13.69		
15	16QAM	1	74	13.95	13.87	13.70		
15	16QAM	36	0	13.79	13.94	13.81	15.7	0
15	16QAM	36	20	13.86	13.99	13.83		
15	16QAM	36	39	13.84	13.89	13.79		
15	16QAM	75	0	13.85	13.99	13.78		
15	64QAM	1	0	13.90	14.04	13.91	15.7	0
15	64QAM	1	37	13.87	13.70	13.64		
15	64QAM	1	74	13.89	13.93	13.71		
15	64QAM	36	0	13.75	13.92	13.82	15.7	0
15	64QAM	36	20	13.74	13.92	13.95		
15	64QAM	36	39	13.86	13.92	13.71		
15	64QAM	75	0	13.74	13.98	13.76		
15	256QAM	1	0	13.94	14.05	13.83	15.7	0
15	256QAM	1	37	13.86	13.74	13.71		
15	256QAM	1	74	13.81	13.89	13.78		
15	256QAM	36	0	13.81	13.87	13.78	15.7	0
15	256QAM	36	20	13.76	13.95	13.88		
15	256QAM	36	39	13.77	13.83	13.66		
15	256QAM	75	0	13.82	13.86	13.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	13.95	14.07	13.92	15.7	0
10	QPSK	1	25	13.96	13.82	13.73		
10	QPSK	1	49	13.98	13.94	13.80		
10	QPSK	25	0	13.84	14.03	13.62	15.7	0
10	QPSK	25	12	13.89	14.03	13.97		
10	QPSK	25	25	13.87	13.95	13.72		
10	QPSK	50	0	13.86	14.02	13.87		
10	16QAM	1	0	13.91	14.09	13.89	15.7	0
10	16QAM	1	25	13.90	13.75	13.65		
10	16QAM	1	49	13.91	13.88	13.74		
10	16QAM	25	0	13.79	13.94	13.81	15.7	0
10	16QAM	25	12	13.86	13.93	13.83		
10	16QAM	25	25	13.85	13.92	13.80		
10	16QAM	50	0	13.85	13.94	13.75		
10	64QAM	1	0	13.86	14.04	13.85	15.7	0
10	64QAM	1	25	13.90	13.69	13.70		
10	64QAM	1	49	13.92	13.95	13.75		
10	64QAM	25	0	13.80	13.88	13.82	15.7	0
10	64QAM	25	12	13.81	13.94	13.88		
10	64QAM	25	25	13.84	13.92	13.80		
10	64QAM	50	0	13.77	13.90	13.74		
10	256QAM	1	0	13.94	13.99	13.83	15.7	0
10	256QAM	1	25	13.82	13.80	13.71		
10	256QAM	1	49	13.88	13.88	13.80		
10	256QAM	25	0	13.84	13.90	13.82	15.7	0
10	256QAM	25	12	13.79	13.87	13.85		
10	256QAM	25	25	13.81	13.85	13.64		
10	256QAM	50	0	13.77	13.86	13.75		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.01	14.10	13.88	15.7	0
5	QPSK	1	12	13.88	13.87	13.76		
5	QPSK	1	24	13.91	13.96	13.73		
5	QPSK	12	0	13.88	14.04	13.85	15.7	0
5	QPSK	12	7	13.83	13.96	13.90		
5	QPSK	12	13	13.88	13.92	13.80		
5	QPSK	25	0	13.90	13.95	13.87		
5	16QAM	1	0	13.90	14.09	13.88	15.7	0
5	16QAM	1	12	13.88	13.83	13.68		
5	16QAM	1	24	13.92	13.93	13.77		
5	16QAM	12	0	13.80	13.89	13.81	15.7	0
5	16QAM	12	7	13.84	13.93	13.81		
5	16QAM	12	13	13.85	13.92	13.79		
5	16QAM	25	0	13.84	13.96	13.71		
5	64QAM	1	0	13.93	14.10	13.93	15.7	0
5	64QAM	1	12	13.86	13.76	13.68		
5	64QAM	1	24	13.96	13.96	13.91		
5	64QAM	12	0	13.81	13.95	13.80	15.7	0
5	64QAM	12	7	13.77	13.88	13.89		
5	64QAM	12	13	13.87	13.90	13.73		
5	64QAM	25	0	13.75	13.92	13.77		
5	256QAM	1	0	13.99	14.00	13.84	15.7	0
5	256QAM	1	12	13.83	13.81	13.72		
5	256QAM	1	24	13.81	13.84	13.78		
5	256QAM	12	0	13.84	13.91	13.78	15.7	0
5	256QAM	12	7	13.76	13.96	13.87		
5	256QAM	12	13	13.82	13.88	13.65		
5	256QAM	25	0	13.74	13.89	13.73		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	13.99	14.06	13.92	15.7	0
3	QPSK	1	8	13.95	13.84	13.78		
3	QPSK	1	14	13.96	13.94	13.76		
3	QPSK	8	0	13.88	13.98	13.80	15.7	0
3	QPSK	8	4	13.88	14.01	13.95		
3	QPSK	8	7	13.93	13.94	13.79		
3	QPSK	15	0	13.83	13.95	13.85	15.7	0
3	16QAM	1	0	13.95	14.03	13.89		
3	16QAM	1	8	13.88	13.81	13.67		
3	16QAM	1	14	13.94	13.90	13.77		
3	16QAM	8	0	13.77	13.99	13.78	15.7	0
3	16QAM	8	4	13.86	13.94	13.87		
3	16QAM	8	7	13.87	13.91	13.79		
3	16QAM	15	0	13.84	13.93	13.70	15.7	0
3	64QAM	1	0	13.92	14.11	13.92		
3	64QAM	1	8	13.83	13.70	13.67		
3	64QAM	1	14	13.94	13.89	13.78		
3	64QAM	8	0	13.78	13.89	13.87	15.7	0
3	64QAM	8	4	13.75	13.91	13.95		
3	64QAM	8	7	13.85	13.95	13.71		
3	64QAM	15	0	13.82	13.97	13.71	15.7	0
3	256QAM	1	0	13.97	14.05	13.80		
3	256QAM	1	8	13.86	13.77	13.74		
3	256QAM	1	14	13.87	13.83	13.70		
3	256QAM	8	0	13.81	13.90	13.80	15.7	0
3	256QAM	8	4	13.80	13.89	13.87		
3	256QAM	8	7	13.79	13.89	13.73		
3	256QAM	15	0	13.77	13.90	13.75	15.7	0
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	13.96	14.05	13.92	15.7	0
1.4	QPSK	1	3	13.91	13.84	13.78		
1.4	QPSK	1	5	13.96	13.96	13.74		
1.4	QPSK	3	0	13.88	13.97	13.88		
1.4	QPSK	3	1	13.85	13.95	13.94		
1.4	QPSK	3	3	13.94	13.93	13.81		
1.4	QPSK	6	0	13.85	14.02	13.85	15.7	0
1.4	16QAM	1	0	13.86	14.02	13.85	15.7	0
1.4	16QAM	1	3	13.88	13.85	13.73		
1.4	16QAM	1	5	13.90	13.90	13.77		
1.4	16QAM	3	0

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BW [MHz]	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	19.05	19.11	18.99	19.7	0
20	QPSK	1	49	19.03	19.01	19.03		
20	QPSK	1	99	19.03	19.10	19.02		
20	QPSK	50	0	18.97	19.10	19.07	19.7	0
20	QPSK	50	24	19.04	19.00	19.06		
20	QPSK	50	50	18.90	19.00	19.05		
20	QPSK	100	0	18.93	19.05	18.92		
20	16QAM	1	0	19.04	19.08	18.89	19.7	0
20	16QAM	1	49	18.96	18.99	18.97		
20	16QAM	1	99	18.99	19.03	18.96		
20	16QAM	50	0	18.87	19.03	19.03	19.7	0
20	16QAM	50	24	19.02	18.90	18.96		
20	16QAM	50	50	18.87	18.90	18.95		
20	16QAM	100	0	18.88	19.03	18.84		
20	64QAM	1	0	18.96	19.02	18.92	19.7	0
20	64QAM	1	49	18.99	18.94	19.00		
20	64QAM	1	99	19.00	19.06	18.93		
20	64QAM	50	0	18.87	19.09	19.05	19.7	0
20	64QAM	50	24	18.99	18.92	19.04		
20	64QAM	50	50	18.80	18.94	18.98		
20	64QAM	100	0	18.88	18.94	18.82		
20	256QAM	1	0	18.97	19.02	18.96	19.7	0
20	256QAM	1	49	19.01	18.91	18.94		
20	256QAM	1	99	18.95	19.04	19.01		
20	256QAM	50	0	18.88	19.00	18.97	19.7	0
20	256QAM	50	24	18.97	18.91	18.99		
20	256QAM	50	50	18.85	18.96	18.99		
20	256QAM	100	0	18.90	18.97	18.82		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.98	19.01	18.88	19.7	0
15	QPSK	1	37	19.01	18.91	18.99		
15	QPSK	1	74	18.96	19.00	18.97		
15	QPSK	36	0	18.90	19.05	18.99	19.7	0
15	QPSK	36	20	18.94	18.90	19.00		
15	QPSK	36	39	18.87	18.89	19.02		
15	QPSK	75	0	18.87	18.99	18.89		
15	16QAM	1	0	18.94	19.02	18.86	19.7	0
15	16QAM	1	37	18.89	18.92	18.92		
15	16QAM	1	74	18.92	18.96	18.87		
15	16QAM	36	0	18.81	18.96	18.96	19.7	0
15	16QAM	36	20	18.92	18.85	18.90		
15	16QAM	36	39	18.86	18.81	18.90		
15	16QAM	75	0	18.85	18.99	18.76		
15	64QAM	1	0	18.90	18.98	18.87	19.7	0
15	64QAM	1	37	18.96	18.87	18.95		
15	64QAM	1	74	18.91	19.03	18.84		
15	64QAM	36	0	18.83	19.00	18.99	19.7	0
15	64QAM	36	20	18.97	18.84	18.98		
15	64QAM	36	39	18.73	18.84	18.90		
15	64QAM	75	0	18.78	18.88	18.71		
15	256QAM	1	0	18.88	18.93	18.87	19.7	0
15	256QAM	1	37	18.91	18.88	18.84		
15	256QAM	1	74	18.90	18.98	18.93		
15	256QAM	36	0	18.78	18.91	18.93	19.7	0
15	256QAM	36	20	18.96	18.81	18.94		
15	256QAM	36	39	18.76	18.92	18.91		
15	256QAM	75	0	18.86	18.93	18.76		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.04	19.03	18.91	19.7	0
10	QPSK	1	25	18.94	18.93	19.01		
10	QPSK	1	49	18.96	19.06	18.98		
10	QPSK	25	0	18.93	19.08	19.02	19.7	0
10	QPSK	25	12	18.94	18.98	18.96		
10	QPSK	25	25	18.85	18.97	18.96		
10	QPSK	50	0	18.91	18.99	18.90		
10	16QAM	1	0	19.00	18.98	18.84	19.7	0
10	16QAM	1	25	18.91	18.89	18.96		
10	16QAM	1	49	18.97	18.99	18.90		
10	16QAM	25	0	18.82	18.93	19.02	19.7	0
10	16QAM	25	12	18.96	18.83	18.86		
10	16QAM	25	25	18.84	18.79	18.87		
10	16QAM	50	0	18.86	18.99	18.77		
10	64QAM	1	0	18.92	18.98	18.89	19.7	0
10	64QAM	1	25	18.95	18.92	18.93		
10	64QAM	1	49	18.95	19.05	18.90		
10	64QAM	25	0	18.79	19.05	19.03	19.7	0
10	64QAM	25	12	18.94	18.89	18.99		
10	64QAM	25	25	18.71	18.84	18.96		
10	64QAM	50	0	18.86	18.93	18.81		
10	256QAM	1	0	18.86	18.94	18.85	19.7	0
10	256QAM	1	25	18.97	18.86	18.90		
10	256QAM	1	49	18.93	18.98	18.96		
10	256QAM	25	0	18.79	18.94	18.91	19.7	0
10	256QAM	25	12	18.90	18.86	18.96		
10	256QAM	25	25	18.80	18.86	18.94		
10	256QAM	50	0	18.85	18.95	18.80		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.00	19.09	18.92	19.7	0
5	QPSK	1	12	19.00	18.94	19.00		
5	QPSK	1	24	18.97	19.04	18.91		
5	QPSK	12	0	18.93	19.00	18.99	19.7	0
5	QPSK	12	7	19.02	18.99	19.04		
5	QPSK	12	13	18.81	18.90	18.96		
5	QPSK	25	0	18.91	19.02	18.87		
5	16QAM	1	0	18.99	19.02	18.82	19.7	0
5	16QAM	1	12	18.91	18.97	18.89		
5	16QAM	1	24	18.92	18.98	18.93		
5	16QAM	12	0	18.80	19.02	18.98	19.7	0
5	16QAM	12	7	18.92	18.80	18.95		
5	16QAM	12	13	18.81	18.85	18.87		
5	16QAM	25	0	18.82	18.98	18.76		
5	64QAM	1	0	18.92	18.99	18.89	19.7	0
5	64QAM	1	12	18.91	18.90	18.93		
5	64QAM	1	24	18.99	18.97	18.91		
5	64QAM	12	0	18.78	18.99	19.02	19.7	0
5	64QAM	12	7	18.90	18.90	19.03		
5	64QAM	12	13	18.71	18.90	18.90		
5	64QAM	25	0	18.79	18.86	18.78		
5	256QAM	1	0	18.94	19.01	18.94	19.7	0
5	256QAM	1	12	18.93	18.89	18.90		
5	256QAM	1	24	18.94	19.01	18.95		
5	256QAM	12	0	18.81	18.98	18.88	19.7	0
5	256QAM	12	7	18.89	18.81	18.90		
5	256QAM	12	13	18.81	18.91	18.97		
5	256QAM	25	0	18.85	18.91	18.77		

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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	19.02	19.09	19.21	18.80	18.70	19.7	0
20	QPSK	1	49	19.08	19.14	19.11	19.09	18.99		
20	QPSK	1	99	19.14	19.10	19.07	19.01	18.98		
20	QPSK	50	0	19.07	19.05	19.20	18.96	19.12	19.7	0
20	QPSK	50	24	19.16	19.05	19.17	19.00	19.01		
20	QPSK	50	50	19.04	19.12	19.09	19.11	19.08		
20	QPSK	100	0	19.00	19.07	19.10	19.05	19.01		
20	16QAM	1	0	18.94	19.02	19.14	18.72	18.66	19.7	0
20	16QAM	1	49	19.00	19.11	19.04	19.07	18.93		
20	16QAM	1	99	19.07	19.00	19.02	18.93	18.89		
20	16QAM	50	0	19.05	18.96	19.12	18.91	19.04	19.7	0
20	16QAM	50	24	19.14	18.95	19.13	18.90	18.97		
20	16QAM	50	50	19.02	19.09	19.03	19.05	19.00		
20	16QAM	100	0	18.89	19.02	19.05	19.01	18.93		
20	64QAM	1	0	18.99	19.01	19.15	18.69	18.61	19.7	0
20	64QAM	1	49	18.98	19.13	19.08	19.01	18.90		
20	64QAM	1	99	19.07	19.05	19.01	18.99	18.97		
20	64QAM	50	0	18.97	18.96	19.15	18.93	19.03	19.7	0
20	64QAM	50	24	19.11	19.01	19.07	18.90	18.99		
20	64QAM	50	50	18.98	19.03	18.98	19.09	19.07		
20	64QAM	100	0	18.98	19.05	19.03	18.97	18.95		
20	256QAM	1	0	19.00	19.07	19.14	18.76	18.61	19.7	0
20	256QAM	1	49	19.07	19.03	19.09	19.04	18.97		
20	256QAM	1	99	19.04	19.05	18.99	18.92	18.94		
20	256QAM	50	0	19.04	19.02	19.18	18.94	19.07	19.7	0
20	256QAM	50	24	19.07	18.97	19.07	18.97	18.95		
20	256QAM	50	50	18.99	19.03	19.06	19.02	18.99		
20	256QAM	100	0	18.95	19.04	19.08	18.95	18.98		
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	18.94	19.07	19.14	18.77	18.65	20	0
15	QPSK	1	37	18.98	19.11	19.05	18.99	18.93		
15	QPSK	1	74	19.06	19.07	19.05	18.94	18.93		
15	QPSK	36	0	18.98	18.99	19.09	18.94	19.08	19.7	0
15	QPSK	36	20	19.12	19.02	19.09	18.91	18.97		
15	QPSK	36	39	18.99	19.07	18.99	19.04	19.02		
15	QPSK	75	0	18.94	19.05	19.00	19.01	18.92		
15	16QAM	1	0	18.89	18.94	19.11	18.62	18.63	19.7	0
15	16QAM	1	37	18.93	19.08	19.01	19.01	18.86		
15	16QAM	1	74	18.98	18.97	18.93	18.86	18.87		
15	16QAM	36	0	18.99	18.90	19.02	18.89	18.97	19.7	0
15	16QAM	36	20	19.10	18.86	19.04	18.85	18.90		
15	16QAM	36	39	18.93	19.07	18.94	19.01	18.98		
15	16QAM	75	0	18.81	18.97	18.95	18.94	18.91		
15	64QAM	1	0	18.95	18.98	19.06	18.59	18.55	19.7	0
15	64QAM	1	37	18.93	19.10	19.00	18.99	18.84		
15	64QAM	1	74	19.01	19.00	18.90	18.91	18.92		
15	64QAM	36	0	18.91	18.94	19.08	18.91	19.00	19.7	0
15	64QAM	36	20	19.03	18.97	19.06	18.88	18.95		
15	64QAM	36	39	18.89	18.95	18.92	19.02	19.05		
15	64QAM	75	0	18.97	19.02	18.99	18.93	18.85		
15	256QAM	1	0	18.91	19.01	19.09	18.71	18.57	19.7	0
15	256QAM	1	37	19.02	18.97	19.07	18.98	18.95		
15	256QAM	1	74	18.93	18.96	18.98	18.88	18.86		
15	256QAM	36	0	18.97	18.92	19.14	18.83	18.97	19.7	0
15	256QAM	36	20	19.00	18.89	18.97	18.93	18.87		
15	256QAM	36	39	18.90	18.96	18.96	18.91	18.90		
15	256QAM	75	0	18.94	18.96	19.03	18.85	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	18.97	19.00	19.20	18.72	18.61	20	0
10	QPSK	1	25	19.02	19.11	19.06	19.06	18.93		
10	QPSK	1	49	19.12	19.09	19.03	18.90	18.90		
10	QPSK	25	0	19.06	19.03	19.14	18.91	19.11	19.7	0
10	QPSK	25	12	19.12	18.99	19.09	18.94	18.98		
10	QPSK	25	25	18.94	19.01	18.98	19.06	19.00		
10	QPSK	50	0	18.95	18.99	19.04	18.99	18.99		
10	16QAM	1	0	18.88	18.95	19.06	18.71	18.58	19.7	0
10	16QAM	1	25	18.89	19.09	18.96	19.01	18.82		
10	16QAM	1	49	18.98	18.94	19.00	18.87	18.81		
10	16QAM	25	0	18.95	18.95	19.10	18.86	18.98	19.7	0
10	16QAM	25	12	19.12	18.87	19.07	18.88	18.94		
10	16QAM	25	25	18.94	18.99	18.97	19.01	18.98		
10	16QAM	50	0	18.78	18.93	18.96	18.96	18.84		
10	64QAM	1	0	18.95	18.90	19.04	18.61	18.56	19.7	0
10	64QAM	1	25	18.91	19.07	19.01	18.93	18.81		
10	64QAM	1	49	19.05	19.03	18.96	18.90	18.90		
10	64QAM	25	0	18.90	18.92	19.07	18.87	19.00	19.7	0
10	64QAM	25	12	19.03	18.94	19.01	18.86	18.95		
10	64QAM	25	25	18.96	18.97	18.97	19.01	18.96		
10	64QAM	50	0	18.88	18.99	18.95	18.87	18.88		
10	256QAM	1	0	18.93	19.03	19.05	18.72	18.52	19.7	0
10	256QAM	1	25	19.03	19.02	19.07	19.03	18.88		
10	256QAM	1	49	18.96	18.97	18.91	18.85	18.88		
10	256QAM	25	0	19.03	18.94	19.09	18.87	18.99	19.7	0
10	256QAM	25	12	19.02	18.93	18.98	18.95	18.89		
10	256QAM	25	25	18.95	18.94	18.98	18.99	18.90		
10	256QAM	50	0	18.88	19.00	19.00	18.92	18.92		
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	18.98	19.06	19.11	18.73	18.67	20	0
5	QPSK	1	12	19.00	19.04	19.01	19.01	18.98		
5	QPSK	1	24	19.08	19.06	18.97	18.93	18.90		
5	QPSK	12	0	19.02	18.99	19.12	18.90	19.05	19.7	0
5	QPSK	12	7	19.06	19.03	19.12	18.89	18.92		
5	QPSK	12	13	19.02	19.04	19.06	19.01	19.07		
5	QPSK	25	0	18.99	19.06	18.99	18.94	18.96		
5	16QAM	1	0	18.89	18.99	19.09	18.61	18.64	19.7	0
5	16QAM	1	12	18.90	19.00	18.95	18.98	18.91		
5	16QAM	1	24	19.02	18.95	19.00	18.83	18.83		
5	16QAM	12	0	19.01	18.91	19.07	18.85	18.99	19.7	0
5	16QAM	12	7	19.08	18.87	19.03	18.88	18.87		
5	16QAM	12	13	18.96	19.01	18.93	19.00	18.94		
5	16QAM	25	0	18.81	18.95	18.98	18.92	18.83		
5	64QAM	1	0	18.97	18.93	19.06	18.62	18.60	19.7	0
5	64QAM	1	12	18.96	19.05	19.06	18.98	18.86		
5	64QAM	1	24	18.97	18.99	18.93	18.93	18.92		
5	64QAM	12	0	18.91	18.90	19.13	18.91	18.99	19.7	0
5	64QAM	12	7	19.03	18.96	19.03	18.80	18.90		
5	64QAM	12	13	18.88	19.01	18.95	18.98	19.04		
5	64QAM	25	0	18.87	19.04	18.96	18.92	18.86		
5	256QAM	1	0	18.92	18.96	19.04	18.72	18.54	19.7	0
5	256QAM	1	12	18.98	18.93	19.02	18.98	18.88		
5	256QAM	1	24	18.94	18.96	18.98	18.82	18.93		
5	256QAM	12	0	19.02	18.97	19.14	18.90	19.02	19.7	0
5	256QAM	12	7	19.00	18.93	19.04	18.89	18.94		
5	256QAM	12	13	18.88	18.98	18.95	19.00	18.92		
5	256QAM	25	0	18.90	18.99	19.00	18.94	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	20.22	20.37	20.25	22	0
20	QPSK	1	49	20.11	20.33	20.23		
20	QPSK	1	99	20.19	20.27	20.30		
20	QPSK	50	0	20.23	20.33	20.29	22	0
20	QPSK	50	24	20.18	20.31	20.23		
20	QPSK	50	50	20.10	20.23	20.29		
20	QPSK	100	0	20.25	20.35	20.33		
20	16QAM	1	0	20.15	20.35	20.19	22	0
20	16QAM	1	49	20.08	20.25	20.19		
20	16QAM	1	99	20.10	20.19	20.21		
20	16QAM	50	0	19.73	19.88	19.72	21.5	0.5
20	16QAM	50	24	19.61	19.87	19.74		
20	16QAM	50	50	19.72	19.74	19.80		
20	16QAM	100	0	19.77	19.82	19.79		
20	64QAM	1	0	19.65	19.81	19.71	21.5	0.5
20	64QAM	1	49	19.64	19.78	19.75		
20	64QAM	1	99	19.78	19.80	19.85		
20	64QAM	50	0	18.68	18.88	18.80	20.5	1.5
20	64QAM	50	24	18.58	18.87	18.76		
20	64QAM	50	50	18.72	18.73	18.79		
20	64QAM	100	0	18.76	18.84	18.78		
20	256QAM	1	0	16.72	16.83	16.78	18.5	3.5
20	256QAM	1	49	16.65	16.84	16.69		
20	256QAM	1	99	16.67	16.74	16.80		
20	256QAM	50	0	16.68	16.84	16.74	18.5	3.5
20	256QAM	50	24	16.72	16.83	16.70		
20	256QAM	50	50	16.56	16.76	16.76		
20	256QAM	100	0	16.76	16.90	16.82		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.18	20.35	20.19	22	0
15	QPSK	1	37	20.00	20.30	20.15		
15	QPSK	1	74	20.10	20.17	20.23		
15	QPSK	36	0	20.15	20.25	20.18	22	0
15	QPSK	36	20	20.11	20.26	20.13		
15	QPSK	36	39	20.06	20.20	20.27		
15	QPSK	75	0	20.19	20.26	20.22		
15	16QAM	1	0	20.11	20.28	20.13	22	0
15	16QAM	1	37	20.05	20.15	20.09		
15	16QAM	1	74	20.03	20.17	20.17		
15	16QAM	36	0	19.71	19.81	19.64	21.5	0.5
15	16QAM	36	20	19.50	19.82	19.64		
15	16QAM	36	39	19.70	19.72	19.72		
15	16QAM	75	0	19.72	19.76	19.73		
15	64QAM	1	0	19.60	19.74	19.64	21.5	0.5
15	64QAM	1	37	19.61	19.71	19.71		
15	64QAM	1	74	19.74	19.77	19.82		
15	64QAM	36	0	18.62	18.78	18.69	20.5	1.5
15	64QAM	36	20	18.69	18.83	18.72		
15	64QAM	36	39	18.67	18.65	18.74		
15	64QAM	75	0	18.71	18.81	18.72		
15	256QAM	1	0	16.64	16.77	16.73	18.5	3.5
15	256QAM	1	37	16.61	16.74	16.62		
15	256QAM	1	74	16.65	16.67	16.76		
15	256QAM	36	0	16.61	16.76	16.70	18.5	3.5
15	256QAM	36	20	16.64	16.81	16.69		
15	256QAM	36	39	16.69	16.71	16.74		
15	256QAM	75	0	16.75	16.86	16.75		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.14	20.35	20.18	22	0
10	QPSK	1	25	20.06	20.32	20.17		
10	QPSK	1	49	20.14	20.18	20.25		
10	QPSK	25	0	20.18	20.29	20.21	22	0
10	QPSK	25	12	20.08	20.25	20.15		
10	QPSK	25	25	20.04	20.18	20.23		
10	QPSK	50	0	20.22	20.28	20.30		
10	16QAM	1	0	20.10	20.32	20.12	22	0
10	16QAM	1	25	20.01	20.24	20.09		
10	16QAM	1	49	20.03	20.10	20.15		
10	16QAM	25	0	19.64	19.83	19.63	21.5	0.5
10	16QAM	25	12	19.55	19.81	19.71		
10	16QAM	25	25	19.67	19.63	19.77		
10	16QAM	50	0	19.71	19.78	19.75		
10	64QAM	1	0	19.63	19.73	19.65	21.5	0.5
10	64QAM	1	25	19.54	19.74	19.72		
10	64QAM	1	49	19.70	19.72	19.79		
10	64QAM	25	0	18.62	18.82	18.76	20.5	1.5
10	64QAM	25	12	18.76	18.76	18.70		
10	64QAM	25	25	18.63	18.64	18.71		
10	64QAM	50	0	18.70	18.81	18.77		
10	256QAM	1	0	16.61	16.73	16.70	18.5	3.5
10	256QAM	1	25	16.59	16.76	16.63		
10	256QAM	1	49	16.62	16.65	16.76		
10	256QAM	25	0	16.65	16.74	16.69	18.5	3.5
10	256QAM	25	12	16.68	16.72	16.65		
10	256QAM	25	25	16.54	16.73	16.66		
10	256QAM	50	0	16.69	16.88	16.75		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.12	20.33	20.19	22	0
5	QPSK	1	12	20.09	20.23	20.20		
5	QPSK	1	24	20.12	20.19	20.23		
5	QPSK	12	0	20.21	20.32	20.25	22	0
5	QPSK	12	7	20.15	20.29	20.16		
5	QPSK	12	13	20.00	20.21	20.18		
5	QPSK	25	0	20.19	20.29	20.29		
5	16QAM	1	0	20.09	20.26	20.14	22	0
5	16QAM	1	12	20.05	20.14	20.16		
5	16QAM	1	24	20.01	20.11	20.16		
5	16QAM	12	0	19.63	19.86	19.64	21.5	0.5
5	16QAM	12	7	19.60	19.83	19.64		
5	16QAM	12	13	19.67	19.67	19.77		
5	16QAM	25	0	19.66	19.75	19.74		
5	64QAM	1	0	19.54	19.77	19.70	21.5	0.5
5	64QAM	1	12	19.61	19.73	19.71		
5	64QAM	1	24	19.68	19.74	19.81		
5	64QAM	12	0	18.63	18.84	18.73	20.5	1.5
5	64QAM	12	7	18.56	18.79	18.68		
5	64QAM	12	13	18.70	18.65	18.71		
5	64QAM	25	0	18.66	18.74	18.72		
5	256QAM	1	0	16.68	16.75	16.75	18.5	3.5
5	256QAM	1	12	16.63	16.77	16.63		
5	256QAM	1	24	16.63	16.67	16.73		
5	256QAM	12	0	16.66	16.75	16.69	18.5	3.5
5	256QAM	12	7	16.68	16.80	16.60		
5	256QAM	12	13	16.54	16.68	16.74		
5	256QAM	25	0	16.73	16.80	16.71		

Band 48 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.05	22.19	22.01	22.15	23.8	0
20	QPSK	1	49	22.09	22.17	22.12	22.15		
20	QPSK	1	99	22.09	22.15	22.09	22.10		
20	QPSK	50	0	21.08	21.33	21.11	21.12	22.8	1
20	QPSK	50	24	21.13	21.21	21.12	21.16		
20	QPSK	50	50	21.08	21.16	21.07	21.12		
20	QPSK	100	0	21.00	21.07	20.97	20.97		
20	16QAM	1	0	21.04	21.12	21.08	21.06	22.8	1
20	16QAM	1	49	21.11	21.14	21.03	21.08		
20	16QAM	1	99	21.17	21.19	21.17	21.17		
20	16QAM	50	0	20.14	20.22	20.16	20.16	21.8	2
20	16QAM	50	24	20.12	20.16	20.05	20.15		
20	16QAM	50	50	20.19	20.23	20.17	20.13		
20	16QAM	100	0	20.17	20.18	20.13	20.10		
20	64QAM	1	0	20.08	20.18	20.10	20.15	21.8	2
20	64QAM	1	49	20.22	20.24	20.14	20.20		
20	64QAM	1	99	20.18	20.21	20.14	20.14		
20	64QAM	50	0	19.18	19.24	19.15	19.14	20.8	3
20	64QAM	50	24	19.08	19.17	19.13	19.10		
20	64QAM	50	50	19.12	19.17	19.09	19.06		
20	64QAM	100	0	19.09	19.18	19.14	19.12		
20	256QAM	1	0	17.17	17.23	17.17	17.14	18.8	5
20	256QAM	1	49	17.16	17.21	17.11	17.12		
20	256QAM	1	99	17.14	17.22	17.12	17.11		
20	256QAM	50	0	17.15	17.18	17.09	17.11	18.8	5
20	256QAM	50	24	17.18	17.20	17.19	17.19		
20	256QAM	50	50	17.10	17.15	17.06	17.13		
20	256QAM	100	0	17.10	17.16	17.12	17.13		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.97	22.12	21.93	22.10	23.8	0
15	QPSK	1	37	22.00	22.06	22.03	22.12		
15	QPSK	1	74	22.02	22.09	22.05	22.04		
15	QPSK	36	0	21.03	21.12	21.06	21.12	22.8	1
15	QPSK	36	20	21.07	21.13	21.06	21.04		
15	QPSK	36	39	20.98	21.05	21.03	21.07		
15	QPSK	75	0	20.99	21.00	20.91	20.89		
15	16QAM	1	0	20.97	21.03	21.01	21.00	22.8	1
15	16QAM	1	37	21.06	21.03	20.93	20.98		
15	16QAM	1	74	21.15	21.11	21.06	21.14		
15	16QAM	36	0	20.05	20.20	20.10	20.10	21.8	2
15	16QAM	36	20	20.09	20.14	19.95	20.07		
15	16QAM	36	39	20.09	20.21	20.12	20.06		
15	16QAM	75	0	20.06	20.16	20.10	20.05		
15	64QAM	1	0	20.01	20.08	20.08	20.10	21.8	2
15	64QAM	1	37	20.12	20.18	20.09	20.15		
15	64QAM	1	74	20.11	20.19	20.12	20.05		
15	64QAM	36	0	19.11	19.17	19.11	19.10	20.8	3
15	64QAM	36	20	19.02	19.11	19.10	19.03		
15	64QAM	36	39	19.02	19.08	19.06	19.04		
15	64QAM	75	0	18.99	19.13	19.12	19.04		
15	256QAM	1	0	17.16	17.17	17.09	17.07	18.8	5
15	256QAM	1	37	17.09	17.13	17.08	17.02		
15	256QAM	1	74	17.04	17.16	17.02	17.08		
15	256QAM	36	0	17.12	17.11	16.98	17.04	18.8	5
15	256QAM	36	20	17.09	17.13	17.16	17.15		
15	256QAM	36	39	17.07	17.05	17.03	17.05		
15	256QAM	75	0	17.07	17.13	17.05	17.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.99	22.15	21.95	22.11	23.8	0
10	QPSK	1	25	22.05	22.11	22.10	22.10		
10	QPSK	1	49	22.05	22.12	22.02	22.04		
10	QPSK	25	0	21.03	21.14	21.05	21.08	22.8	1
10	QPSK	25	12	21.06	21.11	21.08	21.08		
10	QPSK	25	25	20.99	21.14	20.96	21.03		
10	QPSK	50	0	20.98	20.96	20.94	20.96		
10	16QAM	1	0	21.01	21.04	20.97	20.96	22.8	1
10	16QAM	1	25	21.01	21.05	20.94	20.98		
10	16QAM	1	49	21.14	21.16	21.09	21.07		
10	16QAM	25	0	20.04	20.16	20.08	20.13	21.8	2
10	16QAM	25	12	20.04	20.05	19.96	20.06		
10	16QAM	25	25	20.12	20.21	20.09	20.08		
10	16QAM	50	0	20.15	20.13	20.02	20.00		
10	64QAM	1	0	20.01	20.13	20.08	20.14	21.8	2
10	64QAM	1	25	20.18	20.15	20.08	20.09		
10	64QAM	1	49	20.08	20.12	20.06	20.10		
10	64QAM	25	0	19.07	19.22	19.13	19.06	20.8	3
10	64QAM	25	12	19.03	19.06	19.09	19.00		
10	64QAM	25	25	19.11	19.06	19.03	18.98		
10	64QAM	50	0	19.04	19.12	19.05	19.11		
10	256QAM	1	0	17.10	17.17	17.12	17.06	18.8	5
10	256QAM	1	25	17.07	17.16	17.08	17.11		
10	256QAM	1	49	17.10	17.21	17.07	17.05		
10	256QAM	25	0	17.08	17.14	17.03	17.04	18.8	5
10	256QAM	25	12	17.17	17.10	17.12	17.16		
10	256QAM	25	25	17.02	17.04	17.01	17.06		
10	256QAM	50	0	17.01	17.06	17.09	17.09		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.98	22.10	21.91	22.12	23.8	0
5	QPSK	1	12	22.06	22.15	22.09	22.10		
5	QPSK	1	24	22.07	22.06	22.06	22.05		
5	QPSK	12	0	21.03	21.15	21.06	21.08	22.8	1
5	QPSK	12	7	20.98	21.13	21.00	21.04		
5	QPSK	12	13	20.97	21.13	20.99	21.01		
5	QPSK	25	0	20.93	21.01	20.95	20.88		
5	16QAM	1	0	20.94	21.03	20.99	20.99	22.8	1
5	16QAM	1	12	21.01	21.09	20.95	21.06		
5	16QAM	1	24	21.13	21.14	21.11	21.07		
5	16QAM	12	0	20.03	20.18	20.08	20.10	21.8	2
5	16QAM	12	7	20.03	20.06	19.99	20.11		
5	16QAM	12	13	20.08	20.18	20.15	20.03		
5	16QAM	25	0	20.09	20.08	20.10	20.00		
5	64QAM	1	0	20.02	20.13	20.06	20.07	21.8	2
5	64QAM	1	12	20.20	20.21	20.08	20.10		
5	64QAM	1	24	20.10	20.11	20.04	20.08		
5	64QAM	12	0	19.12	19.21	19.07	19.08	20.8	3
5	64QAM	12	7	19.02	19.11	19.04	19.03		
5	64QAM	12	13	19.10	19.08	19.06	19.02		
5	64QAM	25	0	19.07	19.08	19.08	19.03		
5	256QAM	1	0	17.12	17.13	17.07	17.09	18.8	5
5	256QAM	1	12	17.09	17.18	17.08	17.08		
5	256QAM	1	24	17.10	17.18	17.07	17.08		
5	256QAM	12	0	17.06	17.09	17.07	17.01	18.8	5
5	256QAM	12	7	17.09	17.15	17.11	17.09		
5	256QAM	12	13	17.03	17.09	17.02	17.10		
5	256QAM	25	0	17.06	17.11	17.11	17.03		

GSM1900 Ant5 DSI5

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	27.11	27.20	27.36	28.50	18.11	18.20	18.36	19.50
GPRS 1 Tx slot	27.28	27.28	27.13	28.50	18.28	18.28	18.13	19.50
GPRS 2 Tx slots	24.01	24.00	24.04	25.50	18.01	18.00	18.04	19.50
GPRS 3 Tx slots	22.01	22.10	22.07	23.70	17.75	17.84	17.81	19.44
GPRS 4 Tx slots	20.63	20.71	20.59	22.50	17.63	17.71	17.59	19.50
EDGE 1 Tx slot	24.35	24.39	24.35	25.50	15.35	15.39	15.35	16.50
EDGE 2 Tx slots	21.93	22.01	21.99	22.50	15.93	16.01	15.99	16.50
EDGE 3 Tx slots	20.19	20.27	20.19	20.70	15.93	16.01	15.93	16.44
EDGE 4 Tx slots	18.75	18.83	18.77	19.50	15.75	15.83	15.77	16.50

WCDMA II Ant5 DSI5 | WCDMA IV Ant5 DSI5

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.03	17.14	17.00	18.00	16.05	16.03	16.01	17.00
3GPP Rel 99	RMC 12.2Kbps	17.05	17.20	17.03	18.00	16.13	16.17	16.15	17.00
3GPP Rel 6	HSDPA Subtest-1	15.78	16.19	15.91	17.00	14.94	15.35	14.98	16.00
3GPP Rel 6	HSDPA Subtest-2	15.84	16.09	16.13	17.00	15.02	15.15	15.18	16.00
3GPP Rel 6	HSDPA Subtest-3	15.38	15.61	15.44	16.50	14.50	14.73	14.53	15.50
3GPP Rel 6	HSDPA Subtest-4	15.47	15.47	15.44	16.50	14.57	14.52	14.52	15.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.89	15.91	15.77	17.00	14.99	15.11	14.90	16.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.68	15.92	16.11	17.00	14.91	15.11	15.14	16.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.52	15.57	15.53	16.50	14.61	14.77	14.65	15.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.55	15.42	15.37	16.50	14.68	14.51	14.54	15.50
3GPP Rel 6	HSUPA Subtest-1	15.98	16.01	16.06	17.00	15.05	15.20	15.10	16.00
3GPP Rel 6	HSUPA Subtest-2	13.91	14.02	14.08	15.00	13.05	13.16	13.15	14.00
3GPP Rel 6	HSUPA Subtest-3	14.97	15.08	15.05	16.00	14.02	14.13	14.18	15.00
3GPP Rel 6	HSUPA Subtest-4	13.72	14.11	13.75	15.00	12.85	13.21	12.96	14.00
3GPP Rel 6	HSUPA Subtest-5	15.76	16.07	15.92	17.00	14.79	15.25	15.00	16.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.37	13.44	13.34	14.50	12.41	12.46	12.49	13.50

9.00
9.00
8.00

Band 2 Ant5 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1850	1880	1900		
20	QPSK	1	0	16.77	17.00	16.86		
20	QPSK	1	49	16.83	16.88	16.84	18	0
20	QPSK	1	99	16.82	16.89	16.80		
20	QPSK	50	0	16.81	16.97	16.80		
20	QPSK	50	24	16.84	16.84	16.75	18	0
20	QPSK	50	50	16.87	16.95	16.88		
20	QPSK	100	0	16.93	16.95	16.86		
20	16QAM	1	0	16.67	16.92	16.76		
20	16QAM	1	49	16.74	16.80	16.76	18	0
20	16QAM	1	99	16.72	16.79	16.71		
20	16QAM	50	0	16.72	16.89	16.80		
20	16QAM	50	24	16.73	16.73	16.67	18	0
20	16QAM	50	50	16.81	16.86	16.78		
20	16QAM	100	0	16.84	16.85	16.74		
20	64QAM	1	0	16.65	16.91	16.78		
20	64QAM	1	49	16.73	16.81	16.77	18	0
20	64QAM	1	99	16.75	16.82	16.71		
20	64QAM	50	0	16.70	16.85	16.70		
20	64QAM	50	24	16.73	16.75	16.65	18	0
20	64QAM	50	50	16.76	16.88	16.82		
20	64QAM	100	0	16.83	16.87	16.75		
20	256QAM	1	0	16.68	16.93	16.77		
20	256QAM	1	49	16.71	16.77	16.72	18	0
20	256QAM	1	99	16.73	16.79	16.73		
20	256QAM	50	0	16.71	16.91	16.74		
20	256QAM	50	24	16.78	16.76	16.69	18	0
20	256QAM	50	50	16.80	16.84	16.81		
20	256QAM	100	0	16.84	16.89	16.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.67	16.89	16.79		
15	QPSK	1	37	16.73	16.78	16.76	18	0
15	QPSK	1	74	16.74	16.79	16.69		
15	QPSK	36	0	16.69	16.87	16.74		
15	QPSK	36	20	16.73	16.73	16.68	18	0
15	QPSK	36	39	16.81	16.85	16.79		
15	QPSK	75	0	16.84	16.87	16.77		
15	16QAM	1	0	16.55	16.83	16.66		
15	16QAM	1	37	16.68	16.70	16.66	18	0
15	16QAM	1	74	16.62	16.73	16.61		
15	16QAM	36	0	16.65	16.80	16.61		
15	16QAM	36	20	16.63	16.66	16.59	18	0
15	16QAM	36	39	16.70	16.76	16.70		
15	16QAM	75	0	16.74	16.73	16.66		
15	64QAM	1	0	16.55	16.83	16.69		
15	64QAM	1	37	16.62	16.71	16.70	18	0
15	64QAM	1	74	16.69	16.76	16.64		
15	64QAM	36	0	16.61	16.74	16.63		
15	64QAM	36	20	16.62	16.68	16.57	18	0
15	64QAM	36	39	16.65	16.79	16.72		
15	64QAM	75	0	16.73	16.77	16.66		
15	256QAM	1	0	16.58	16.85	16.70		
15	256QAM	1	37	16.61	16.68	16.61	18	0
15	256QAM	1	74	16.62	16.72	16.63		
15	256QAM	36	0	16.63	16.82	16.63		
15	256QAM	36	20	16.67	16.70	16.59	18	0
15	256QAM	36	39	16.74	16.72	16.71		
15	256QAM	75	0	16.75	16.79	16.70		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.65	16.92	16.78		
10	QPSK	1	25	16.73	16.81	16.78	18	0
10	QPSK	1	49	16.75	16.77	16.69		
10	QPSK	25	0	16.72	16.85	16.68		
10	QPSK	25	12	16.72	16.77	16.68	18	0
10	QPSK	25	25	16.76	16.84	16.77		
10	QPSK	50	0	16.84	16.85	16.75		
10	16QAM	1	0	16.61	16.81	16.66		
10	16QAM	1	25	16.63	16.71	16.66	18	0
10	16QAM	1	49	16.64	16.71	16.63		
10	16QAM	25	0	16.65	16.80	16.61		
10	16QAM	25	12	16.65	16.63	16.58	18	0
10	16QAM	25	25	16.71	16.75	16.70		
10	16QAM	50	0	16.74	16.75	16.65		
10	64QAM	1	0	16.55	16.82	16.67		
10	64QAM	1	25	16.61	16.70	16.69	18	0
10	64QAM	1	49	16.68	16.72	16.60		
10	64QAM	25	0	16.63	16.74	16.63		
10	64QAM	25	12	16.63	16.64	16.55	18	0
10	64QAM	25	25	16.66	16.81	16.70		
10	64QAM	50	0	16.76	16.80	16.67		
10	256QAM	1	0	16.61	16.86	16.68		
10	256QAM	1	25	16.62	16.69	16.62	18	0
10	256QAM	1	49	16.64	16.71	16.62		
10	256QAM	25	0	16.62	16.82	16.65		
10	256QAM	25	12	16.69	16.66	16.61	18	0
10	256QAM	25	25	16.70	16.73	16.72		
10	256QAM	50	0	16.73	16.79	16.72		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.71	16.92	16.79		
5	QPSK	1	12	16.72	16.76	16.77	18	0
5	QPSK	1	24	16.75	16.79	16.69		
5	QPSK	12	0	16.70	16.86	16.72		
5	QPSK	12	7	16.75	16.72	16.64	18	0
5	QPSK	12	13	16.79	16.88	16.81		
5	QPSK	25	0	16.83	16.88	16.76		
5	16QAM	1	0	16.59	16.84	16.68		
5	16QAM	1	12	16.63	16.73	16.69	18	0
5	16QAM	1	24	16.62	16.72	16.62		
5	16QAM	12	0	16.65	16.83	16.57		
5	16QAM	12	7	16.62	16.62	16.60	18	0
5	16QAM	12	13	16.73	16.76	16.68		
5	16QAM	25	0	16.73	16.75	16.65		
5	64QAM	1	0	16.58	16.81	16.69		
5	64QAM	1	12	16.64	16.72	16.70	18	0
5	64QAM	1	24	16.64	16.72	16.62		
5	64QAM	12	0	16.61	16.74	16.63		
5	64QAM	12	7	16.64	16.64	16.54	18	0
5	64QAM	12	13	16.69	16.81	16.75		
5	64QAM	25	0	16.75	16.82	16.65		
5	256QAM	1	0	16.62	16.83	16.66		
5	256QAM	1	12	16.65	16.68	16.62	18	0
5	256QAM	1	24	16.63	16.69	16.65		
5	256QAM	12	0	16.62	16.85	16.63		
5	256QAM	12	7	16.69	16.65	16.62	18	0
5	256QAM	12	13	16.71	16.76	16.73		
5	256QAM	25	0	16.74	16.83	16.67		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.66	16.92	16.78		
3	QPSK	1	8	16.77	16.79	16.73	18	0
3	QPSK	1	14	16.72	16.81	16.73		
3	QPSK	8	0	16.73	16.90	16.72		
3	QPSK	8	4	16.73	16.74	16.63	18	0
3	QPSK	8	7	16.78	16.87	16.79		
3	QPSK	15	0	16.85	16.86	16.76		
3	16QAM	1	0	16.59	16.84	16.65		
3	16QAM	1	8	16.64	16.70	16.64	18	0
3	16QAM	1	14	16.66	16.70	16.64		
3	16QAM	8	0	16.65	16.82	16.60		
3	16QAM	8	4	16.64	16.66	16.58	18	0
3	16QAM	8	7	16.72	16.80	16.71		
3	16QAM	15	0	16.76	16.79	16.68		
3	64QAM	1	0	16.59	16.83	16.67		
3	64QAM	1	8	16.62	16.75	16.66	18	0
3	64QAM	1	14	16.67	16.73	16.63		
3	64QAM	8	0	16.58	16.73	16.58		
3	64QAM	8	4	16.65	16.65	16.54	18	0
3	64QAM	8	7	16.67	16.79	16.72		
3	64QAM	15	0	16.74	16.79	16.64		
3	256QAM	1	0	16.58	16.81	16.71		
3	256QAM	1	8	16.64	16.70	16.62	18	0
3	256QAM	1	14	16.65	16.71	16.65		
3	256QAM	8	0	16.63	16.81	16.64		
3	256QAM	8	4	16.70	16.68	16.57	18	0
3	256QAM	8	7	16.74	16.73	16.71		
3	256QAM	15	0	16.76	16.81	16.72		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.66	16.93	16.74		
1.4	QPSK	1	3	16.73	16.79	16.76	18	0
1.4	QPSK	1	5	16.75	16.77	16.70		
1.4	QPSK	3	0	16.70	16.89	16.70		
1.4	QPSK	3	1	16.73	16.75	16.65		
1.4	QPSK	3	3	16.75	16.87	16.81		
1.4	QPSK	6	0	16.86	16.85	16.75	18	0
1.4	16QAM	1	0	16.58	16.80	16.68		
1.4	16QAM	1	3	16.68	16.68	16.66		
1.4	16QAM	1	5	16.65	16.69	16.61	18	0
1.4	16QAM	3	0	16.63	16.81	16.57		
1.4	16QAM	3	1	16.63	16.61	16.59		
1.4	16QAM	3	3	16.70	16.80	16.69		
1.4	16QAM	6	0	16.72	16.74	16.65	18	0
1.4	64QAM	1	0	16.57	16.84	16.70		
1.4	64QAM	1	3	16.63	16.73	16.71		
1.4	64QAM	1	5	16.64	16.74	16.61	18	0
1.4	64QAM	3	0	16.59	16.77	16.63		
1.4	64QAM	3	1	16.64	16.65	16.53		
1.4	64QAM	3	3	16.66	16.81	16.75		
1.4	64QAM	6	0	16.76	16.81	16.64	18	0
1.4	256QAM	1	0	16.60	16.81	16.70		
1.4	256QAM	1	3	16.64	16.68	16.61		
1.4	256QAM	1	5	16.65	16.70	16.66	18	0
1.4	256QAM	3	0	16.61	16.82	16.67		
1.4	256QAM	3	1	16.71	16.65	16.58		
1.4	256QAM	3	3	16.73	16.77	16.74		
1.4	256QAM	6	0	16.74	16.80	16.70	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.08	17.33	17.32		
20	QPSK	1	49	17.22	17.12	17.11	18.2	0
20	QPSK	1	99	17.23	17.25	17.15		
20	QPSK	50	0	17.28	17.29	17.09		
20	QPSK	50	24	17.28	17.15	17.05	18.2	0
20	QPSK	50	50	17.15	17.18	17.09		
20	QPSK	100	0	17.06	17.23	17.15		
20	16QAM	1	0	17.01	17.27	17.26		
20	16QAM	1	49	17.16	17.10	17.01	18.2	0
20	16QAM	1	99	17.14	17.12	17.09		
20	16QAM	50	0	17.09	17.25	17.03		
20	16QAM	50	24	17.17	17.09	16.99	18.2	0
20	16QAM	50	50	17.13	17.09	17.07		
20	16QAM	100	0	17.09	17.21	17.07		
20	64QAM	1	0	17.06	17.31	17.21		
20	64QAM	1	49	17.14	17.04	17.08	18.2	0
20	64QAM	1	99	17.13	17.09	17.06		
20	64QAM	50	0	17.19	17.25	17.07		
20	64QAM	50	24	17.22	17.05	16.99	18.2	0
20	64QAM	50	50	17.12	17.10	17.02		
20	64QAM	100	0	17.11	17.16	17.06		
20	256QAM	1	0	17.05	17.30	17.24		
20	256QAM	1	49	17.13	17.04	17.05	18.2	0
20	256QAM	1	99	17.20	17.12	17.13		
20	256QAM	50	0	17.19	17.18	16.99		
20	256QAM	50	24	17.25	17.12	16.96	18.2	0
20	256QAM	50	50	17.09	17.15	17.07		
20	256QAM	100	0	17.16	17.15	17.12		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.03	17.22	17.24		
15	QPSK	1	37	17.12	17.07	17.10	18.2	0
15	QPSK	1	74	17.13	17.09	17.11		
15	QPSK	36	0	17.17	17.24	17.06		
15	QPSK	36	20	17.27	17.04	17.00	18.2	0
15	QPSK	36	39	17.22	17.12	17.03		
15	QPSK	75	0	17.15	17.22	17.10		
15	16QAM	1	0	17.00	17.18	17.20		
15	16QAM	1	37	17.14	17.01	16.91	18.2	0
15	16QAM	1	74	17.11	17.05	17.05		
15	16QAM	36	0	17.17	17.23	16.98		
15	16QAM	36	20	17.09	17.04	16.89	18.2	0
15	16QAM	36	39	17.07	17.03	17.00		
15	16QAM	75	0	17.13	17.13	17.01		
15	64QAM	1	0	16.99	17.21	17.18		
15	64QAM	1	37	17.05	16.95	17.05	18.2	0
15	64QAM	1	74	17.12	17.00	17.02		
15	64QAM	36	0	17.10	17.14	17.01		
15	64QAM	36	20	17.17	17.03	16.95	18.2	0
15	64QAM	36	39	17.04	17.02	16.94		
15	64QAM	75	0	17.03	17.12	16.99		
15	256QAM	1	0	16.98	17.26	17.22		
15	256QAM	1	37	17.02	17.07	17.03	18.2	0
15	256QAM	1	74	17.12	17.02	17.03		
15	256QAM	36	0	17.17	17.08	16.88		
15	256QAM	36	20	17.22	17.09	16.88	18.2	0
15	256QAM	36	39	17.05	17.09	17.05		
15	256QAM	75	0	17.07	17.09	17.08		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.00	17.29	17.15		
10	QPSK	1	25	17.16	17.08	17.06	18.2	0
10	QPSK	1	49	17.19	17.05	17.09		
10	QPSK	25	0	17.26	17.28	17.02		
10	QPSK	25	12	17.17	17.08	16.97	18.2	0
10	QPSK	25	25	17.13	17.12	17.02		
10	QPSK	50	0	17.13	17.19	17.05		
10	16QAM	1	0	16.99	17.24	17.24		
10	16QAM	1	25	17.13	17.04	17.00	18.2	0
10	16QAM	1	49	17.09	17.07	17.07		
10	16QAM	25	0	17.20	17.23	17.01		
10	16QAM	25	12	17.08	17.05	16.91	18.2	0
10	16QAM	25	25	17.09	17.04	17.05		
10	16QAM	50	0	17.00	17.16	16.99		
10	64QAM	1	0	16.96	17.24	17.14		
10	64QAM	1	25	17.11	16.95	16.98	18.2	0
10	64QAM	1	49	17.07	16.99	17.00		
10	64QAM	25	0	17.18	17.20	16.98		
10	64QAM	25	12	17.12	17.00	16.96	18.2	0
10	64QAM	25	25	17.11	17.01	17.00		
10	64QAM	50	0	17.03	17.14	16.98		
10	256QAM	1	0	17.02	17.22	17.15		
10	256QAM	1	25	17.08	16.99	17.01	18.2	0
10	256QAM	1	49	17.11	17.08	17.04		
10	256QAM	25	0	17.09	17.08	16.91		
10	256QAM	25	12	17.09	17.01	16.91	18.2	0
10	256QAM	25	25	17.06	17.12	17.04		
10	256QAM	50	0	17.14	17.12	17.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.99	17.25	17.22		
5	QPSK	1	12	17.18	17.08	17.04	18.2	0
5	QPSK	1	24	17.18	17.07	17.07		
5	QPSK	12	0	17.17	17.26	17.07		
5	QPSK	12	7	17.17	17.06	16.99	18.2	0
5	QPSK	12	13	17.12	17.10	17.00		
5	QPSK	25	0	17.07	17.18	17.08		
5	16QAM	1	0	17.00	17.26	17.18		
5	16QAM	1	12	17.13	17.06	16.93	18.2	0
5	16QAM	1	24	17.10	17.01	17.03		
5	16QAM	12	0	17.20	17.14	16.97		
5	16QAM	12	7	17.08	17.07	16.96	18.2	0
5	16QAM	12	13	17.11	17.06	16.98		
5	16QAM	25	0	17.06	17.15	17.00		
5	64QAM	1	0	17.00	17.30	17.10		
5	64QAM	1	12	17.11	17.01	17.06	18.2	0
5	64QAM	1	24	17.07	17.07	17.00		
5	64QAM	12	0	17.09	17.19	17.02		
5	64QAM	12	7	17.16	16.95	16.90	18.2	0
5	64QAM	12	13	17.05	17.05	17.00		
5	64QAM	25	0	17.11	17.17	16.96		
5	256QAM	1	0	17.01	17.21	17.20		
5	256QAM	1	12	17.05	16.93	16.99	18.2	0
5	256QAM	1	24	17.13	17.08	17.12		
5	256QAM	12	0	17.08	17.17	16.92		
5	256QAM	12	7	17.18	17.04	16.90	18.2	0
5	256QAM	12	13	17.00	17.11	17.03		
5	256QAM	25	0	17.11	17.05	17.06		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.07	17.26	17.23		
3	QPSK	1	8	17.15	17.11	17.05	18.2	0
3	QPSK	1	14	17.18	17.05	17.10		
3	QPSK	8	0	17.25	17.21	16.99		
3	QPSK	8	4	17.19	17.05	16.96	18.2	0
3	QPSK	8	7	17.10	17.08	17.01		
3	QPSK	15	0	17.13	17.18	17.08		
3	16QAM	1	0	17.08	17.22	17.22		
3	16QAM	1	8	17.09	17.06	16.96	18.2	0
3	16QAM	1	14	17.09	17.04	16.99		
3	16QAM	8	0	17.12	17.22	16.99		
3	16QAM	8	4	17.10	17.07	16.95	18.2	0
3	16QAM	8	7	17.08	17.07	16.98		
3	16QAM	15	0	17.01	17.18	17.06		
3	64QAM	1	0	16.97	17.30	17.10		
3	64QAM	1	8	17.08	16.98	16.99	18.2	0
3	64QAM	1	14	17.09	17.07	16.96		
3	64QAM	8	0	17.15	17.15	17.01		
3	64QAM	8	4	17.19	16.97	16.95	18.2	0
3	64QAM	8	7	17.02	16.99	16.97		
3	64QAM	15	0	17.08	17.12	17.04		
3	256QAM	1	0	17.00	17.24	17.14		
3	256QAM	1	8	17.07	16.97	17.03	18.2	0
3	256QAM	1	14	17.08	17.08	17.03		
3	256QAM	8	0	17.15	17.09	16.90		
3	256QAM	8	4	17.17	17.08	16.89	18.2	0
3	256QAM	8	7	16.98	17.11	16.96		
3	256QAM	15	0	17.07	17.07	17.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.02	17.31	17.28		
1.4	QPSK	1	3	17.21	17.06	17.09		
1.4	QPSK	1	5	17.18	17.07	17.06	18.2	0
1.4	QPSK	3	0	17.19	17.26	17.05		
1.4	QPSK	3	1	17.20	17.12	17.01		
1.4	QPSK	3	3	17.11	17.17	17.05		
1.4	QPSK	6	0	17.20	17.17	17.11	18.2	0
1.4	16QAM	1	0	16.99	17.25	17.18		
1.4	16QAM	1	3	17.08	17.07	16.91		
1.4	16QAM	1	5	17.04	17.10	17.06	18.2	0
1.4	16QAM	3	0	17.19	17.19	16.99		
1.4	16QAM	3	1	17.08	17.04	16.92		
1.4	16QAM	3	3	17.06	17.01	17.02		
1.4	16QAM	6	0	17.03	17.14	17.01	18.2	0
1.4	64QAM	1	0	17.02	17.27	17.14		
1.4	64QAM	1	3	17.07	16.94	17.06		
1.4	64QAM	1	5	17.04	17.00	17.02	18.2	0
1.4	64QAM	3	0	17.15	17.20	17.06		
1.4	64QAM	3	1	17.20	17.00	16.94		
1.4	64QAM	3	3	17.08	17.07	17.00		
1.4	64QAM	6	0	17.05	17.08	17.01	18.2	0
1.4	256QAM	1	0	16.96	17.23	17.19		
1.4	256QAM	1	3	17.04	16.93	16.99		
1.4	256QAM	1	5	17.19	17.08	17.10	18.2	0
1.4	256QAM	3	0	17.15	17.16	16.88		
1.4	256QAM	3	1	17.24	17.09	16.87		
1.4	256QAM	3	3	17.03	17.07	17.02		
1.4	256QAM	6	0	17.13	17.13	17.02	18.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.31	15.41	15.40		
20	QPSK	1	49	15.37	15.34	15.27	16.2	0
20	QPSK	1	99	15.36	15.28	15.36		
20	QPSK	50	0	15.31	15.39	15.37		
20	QPSK	50	24	15.23	15.28	15.26	16.2	0
20	QPSK	50	50	15.35	15.37	15.32		
20	QPSK	100	0	15.34	15.38	15.27		
20	16QAM	1	0	15.27	15.32	15.38		
20	16QAM	1	49	15.27	15.31	15.24	16.2	0
20	16QAM	1	99	15.35	15.33	15.19		
20	16QAM	50	0	15.39	15.28	15.36		
20	16QAM	50	24	15.20	15.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	17.63	17.75	17.74		
20	QPSK	1	49	17.55	17.65	17.72	18.2	0
20	QPSK	1	99	17.57	17.60	17.69		
20	QPSK	50	0	17.71	17.72	17.68		
20	QPSK	50	24	17.62	17.62	17.58	18.2	0
20	QPSK	50	50	17.69	17.70	17.62		
20	QPSK	100	0	17.71	17.75	17.68		
20	16QAM	1	0	17.54	17.75	17.65		
20	16QAM	1	49	17.44	17.57	17.69	18.2	0
20	16QAM	1	99	17.49	17.52	17.60		
20	16QAM	50	0	17.62	17.65	17.65		
20	16QAM	50	24	17.54	17.51	17.52	18.2	0
20	16QAM	50	50	17.66	17.63	17.53		
20	16QAM	100	0	17.68	17.67	17.65		
20	64QAM	1	0	17.55	17.73	17.65		
20	64QAM	1	49	17.46	17.57	17.62	18.2	0
20	64QAM	1	99	17.48	17.52	17.58		
20	64QAM	50	0	17.61	17.69	17.64		
20	64QAM	50	24	17.51	17.57	17.53	18.2	0
20	64QAM	50	50	17.59	17.62	17.57		
20	64QAM	100	0	17.65	17.73	17.67		
20	256QAM	1	0	17.57	17.75	17.71		
20	256QAM	1	49	17.48	17.60	17.65	18.2	0
20	256QAM	1	99	17.46	17.54	17.63		
20	256QAM	50	0	17.64	17.67	17.59		
20	256QAM	50	24	17.59	17.52	17.52	18.2	0
20	256QAM	50	50	17.63	17.67	17.54		
20	256QAM	100	0	17.64	17.67	17.63		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	17.60	17.74	17.69		
15	QPSK	1	37	17.46	17.63	17.66	18.2	0
15	QPSK	1	74	17.48	17.52	17.62		
15	QPSK	36	0	17.67	17.65	17.61		
15	QPSK	36	20	17.60	17.57	17.48	18.2	0
15	QPSK	36	39	17.60	17.62	17.60		
15	QPSK	75	0	17.63	17.67	17.58		
15	16QAM	1	0	17.51	17.69	17.63		
15	16QAM	1	37	17.36	17.50	17.65	18.2	0
15	16QAM	1	74	17.48	17.48	17.55		
15	16QAM	36	0	17.52	17.57	17.57		
15	16QAM	36	20	17.46	17.48	17.49	18.2	0
15	16QAM	36	39	17.59	17.55	17.47		
15	16QAM	75	0	17.59	17.60	17.62		
15	64QAM	1	0	17.47	17.69	17.61		
15	64QAM	1	37	17.39	17.49	17.59	18.2	0
15	64QAM	1	74	17.38	17.50	17.54		
15	64QAM	36	0	17.53	17.60	17.62		
15	64QAM	36	20	17.42	17.48	17.48	18.2	0
15	64QAM	36	39	17.50	17.54	17.53		
15	64QAM	75	0	17.62	17.70	17.61		
15	256QAM	1	0	17.54	17.74	17.69		
15	256QAM	1	37	17.38	17.52	17.57	18.2	0
15	256QAM	1	74	17.36	17.46	17.55		
15	256QAM	36	0	17.58	17.66	17.49		
15	256QAM	36	20	17.48	17.48	17.46	18.2	0
15	256QAM	36	39	17.53	17.58	17.46		
15	256QAM	75	0	17.53	17.59	17.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	17.54	17.75	17.69		
10	QPSK	1	25	17.47	17.54	17.62	18.2	0
10	QPSK	1	49	17.49	17.53	17.63		
10	QPSK	25	0	17.61	17.64	17.62		
10	QPSK	25	12	17.54	17.59	17.52	18.2	0
10	QPSK	25	25	17.64	17.68	17.53		
10	QPSK	50	0	17.61	17.66	17.61		
10	16QAM	1	0	17.50	17.69	17.59		
10	16QAM	1	25	17.36	17.50	17.64	18.2	0
10	16QAM	1	49	17.41	17.43	17.58		
10	16QAM	25	0	17.53	17.56	17.62		
10	16QAM	25	12	17.49	17.49	17.42	18.2	0
10	16QAM	25	25	17.60	17.55	17.47		
10	16QAM	50	0	17.59	17.65	17.62		
10	64QAM	1	0	17.46	17.62	17.56		
10	64QAM	1	25	17.36	17.52	17.52	18.2	0
10	64QAM	1	49	17.38	17.47	17.52		
10	64QAM	25	0	17.56	17.60	17.54		
10	64QAM	25	12	17.41	17.49	17.47	18.2	0
10	64QAM	25	25	17.49	17.58	17.53		
10	64QAM	50	0	17.63	17.66	17.65		
10	256QAM	1	0	17.55	17.65	17.66		
10	256QAM	1	25	17.36	17.58	17.61	18.2	0
10	256QAM	1	49	17.44	17.44	17.54		
10	256QAM	25	0	17.55	17.63	17.52		
10	256QAM	25	12	17.53	17.49	17.44	18.2	0
10	256QAM	25	25	17.52	17.60	17.47		
10	256QAM	50	0	17.55	17.62	17.55		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	17.54	17.77	17.66		
5	QPSK	1	12	17.47	17.61	17.61	18.2	0
5	QPSK	1	24	17.50	17.54	17.63		
5	QPSK	12	0	17.63	17.71	17.65		
5	QPSK	12	7	17.53	17.56	17.48	18.2	0
5	QPSK	12	13	17.65	17.64	17.55		
5	QPSK	25	0	17.62	17.73	17.67		
5	16QAM	1	0	17.45	17.65	17.58		
5	16QAM	1	12	17.34	17.49	17.67	18.2	0
5	16QAM	1	24	17.46	17.43	17.55		
5	16QAM	12	0	17.58	17.55	17.59		
5	16QAM	12	7	17.47	17.43	17.43	18.2	0
5	16QAM	12	13	17.59	17.58	17.43		
5	16QAM	25	0	17.60	17.63	17.56		
5	64QAM	1	0	17.49	17.67	17.61		
5	64QAM	1	12	17.35	17.50	17.53	18.2	0
5	64QAM	1	24	17.43	17.46	17.56		
5	64QAM	12	0	17.58	17.61	17.62		
5	64QAM	12	7	17.49	17.56	17.50	18.2	0
5	64QAM	12	13	17.52	17.57	17.48		
5	64QAM	25	0	17.60	17.69	17.66		
5	256QAM	1	0	17.53	17.71	17.64		
5	256QAM	1	12	17.38	17.56	17.60	18.2	0
5	256QAM	1	24	17.43	17.44	17.53		
5	256QAM	12	0	17.53	17.61	17.58		
5	256QAM	12	7	17.50	17.47	17.42	18.2	0
5	256QAM	12	13	17.53	17.56	17.48		
5	256QAM	25	0	17.57	17.64	17.59		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2598	2540.5	2593	2638.5	2680		
20	QPSK	1	0	17.63	17.65	17.80	17.71	17.64		
20	QPSK	1	49	17.58	17.60	17.55	17.62	17.62	18.2	0
20	QPSK	1	99	17.71	17.52	17.58	17.53	17.62		
20	QPSK	50	0	17.56	17.67	17.68	17.66	17.52		
20	QPSK	50	24	17.58	17.63	17.63	17.55	17.58	18.2	0
20	QPSK	50	50	17.65	17.63	17.59	17.60	17.56		
20	QPSK	100	0	17.55	17.60	17.69	17.65	17.58		
20	16QAM	1	0	17.60	17.57	17.77	17.69	17.60		
20	16QAM	1	49	17.49	17.58	17.47	17.57	17.60	18.2	0
20	16QAM	1	99	17.61	17.42	17.54	17.47	17.58		
20	16QAM	50	0	17.54	17.66	17.62	17.59	17.50		
20	16QAM	50	24	17.50	17.53	17.57	17.52	17.50	18.2	0
20	16QAM	50	50	17.58	17.56	17.52	17.59	17.47		
20	16QAM	100	0	17.54	17.54	17.66	17.54	17.54		
20	64QAM	1	0	17.56	17.55	17.72	17.68	17.63		
20	64QAM	1	49	17.54	17.49	17.48	17.55	17.60	18.2	0
20	64QAM	1	99	17.68	17.42	17.54	17.44	17.53		
20	64QAM	50	0	17.55	17.56	17.60	17.55	17.42		
20	64QAM	50	24	17.55	17.54	17.52	17.54	17.57	18.2	0
20	64QAM	50	50	17.64	17.61	17.49	17.55	17.54		
20	64QAM	100	0	17.47	17.50	17.58	17.55	17.49		
20	256QAM	1	0	17.55	17.54	17.78	17.66	17.58		
20	256QAM	1	49	17.55	17.51	17.48	17.56	17.59	18.2	0
20	256QAM	1	99	17.65	17.43	17.50	17.50	17.56		
20	256QAM	50	0	17.50	17.66	17.57	17.56	17.42		
20	256QAM	50	24	17.47	17.54	17.54	17.46	17.52	18.2	0
20	256QAM	50	50	17.60	17.54	17.56	17.54	17.52		
20	256QAM	100	0	17.53	17.54	17.66	17.61	17.52		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.61	17.62	17.75	17.64	17.53		
15	QPSK	1	37	17.54	17.56	17.52	17.55	17.57	18	0
15	QPSK	1	74	17.67	17.48	17.52	17.42	17.58		
15	QPSK	36	0	17.54	17.64	17.58	17.63	17.48		
15	QPSK	36	20	17.53	17.57	17.61	17.48	17.56	18.2	0
15	QPSK	36	39	17.58	17.53	17.50	17.57	17.48		
15	QPSK	75	0	17.48	17.56	17.58	17.57	17.48		
15	16QAM	1	0	17.51	17.50	17.74	17.59	17.49		
15	16QAM	1	37	17.41	17.54	17.41	17.55	17.57	18.2	0
15	16QAM	1	74	17.56	17.33	17.46	17.40	17.57		
15	16QAM	36	0	17.46	17.60	17.57	17.50	17.48		
15	16QAM	36	20	17.43	17.48	17.55	17.45	17.41	18.2	0
15	16QAM	36	39	17.47	17.52	17.51	17.55	17.42		
15	16QAM	75	0	17.50	17.50	17.65	17.49	17.43		
15	64QAM	1	0	17.53	17.47	17.71	17.62	17.53		
15	64QAM	1	37	17.53	17.40	17.46	17.53	17.52	18.2	0
15	64QAM	1	74	17.64	17.32	17.48	17.38	17.44		
15	64QAM	36	0	17.45	17.52	17.50	17.45	17.34		
15	64QAM	36	20	17.53	17.52	17.51	17.52	17.47	18.2	0
15	64QAM	36	39	17.51	17.52	17.44	17.47	17.44		
15	64QAM	75	0	17.43	17.43	17.47	17.48	17.46		
15	256QAM	1	0	17.44	17.50	17.69	17.60	17.55		
15	256QAM	1	37	17.53	17.47	17.38	17.53	17.51	18.2	0
15	256QAM	1	74	17.59	17.40	17.48	17.40	17.53		
15	256QAM	36	0	17.42	17.55	17.51	17.55	17.38		
15	256QAM	36	20	17.40	17.50	17.48	17.40	17.49	18.2	0
15	256QAM	36	39	17.56	17.48	17.51	17.45	17.48		
15	256QAM	75	0	17.44	17.46	17.64	17.59	17.49		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2601	2547	2593	2639	2686		
10	QPSK	1	0	17.55	17.62	17.70	17.65	17.60		
10	QPSK	1	25	17.55	17.53	17.50	17.54	17.53	18	0
10	QPSK	1	49	17.63	17.47	17.53	17.46	17.53		
10	QPSK	25	0	17.49	17.64	17.62	17.57	17.50		
10	QPSK	25	12	17.49	17.60	17.61	17.53	17.51	18.2	0
10	QPSK	25	25	17.54	17.56	17.54	17.56	17.54		
10	QPSK	50	0	17.52	17.53	17.59	17.55	17.47		
10	16QAM	1	0	17.57	17.53	17.73	17.66	17.58		
10	16QAM	1	25	17.40	17.56	17.43	17.50	17.50	18.2	0
10	16QAM	1	49	17.60	17.32	17.49	17.39	17.50		
10	16QAM	25	0	17.47	17.63	17.52	17.55	17.47		
10	16QAM	25	12	17.43	17.46	17.48	17.43	17.46	18.2	0
10	16QAM	25	25	17.53	17.47	17.44	17.57	17.37		
10	16QAM	50	0	17.51	17.44	17.56	17.53	17.53		
10	64QAM	1	0	17.52	17.47	17.65	17.63	17.60		
10	64QAM	1	25	17.43	17.46	17.42	17.52	17.57	18.2	0
10	64QAM	1	49	17.59	17.39	17.52	17.34	17.42		
10	64QAM	25	0	17.50	17.50	17.59	17.51	17.37		
10	64QAM	25	12	17.50	17.52	17.45	17.47	17.54	18.2	0
10	64QAM	25	25	17.60	17.54	17.40	17.52	17.43		
10	64QAM	50	0	17.37	17.45	17.53	17.51	17.45		
10	256QAM	1	0	17.45	17.52	17.76	17.64	17.51		
10	256QAM	1	25	17.50	17.45	17.39	17.46	17.51	18.2	0
10	256QAM	1	49	17.60	17.37	17.42	17.41	17.46		
10	256QAM	25	0	17.42	17.61	17.47	17.49	17.38		
10	256QAM	25	12	17.44	17.50	17.52	17.45	17.43	18.2	0
10	256QAM	25	25	17.53	17.52	17.55	17.48	17.41		
10	256QAM	50	0	17.51	17.49	17.61	17.51	17.46		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.58	17.64	17.75	17.65	17.61		
5	QPSK	1	12	17.54	17.49	17.50	17.52	17.60	18	0
5	QPSK	1	24	17.62	17.46	17.49	17.44	17.55		
5	QPSK	12	0	17.51	17.57	17.58	17.65	17.45		
5	QPSK	12	7	17.56	17.56	17.53	17.54	17.49	18.2	0
5	QPSK	12	13	17.54	17.61	17.54	17.52	17.53		
5	QPSK	25	0	17.47	17.55	17.65	17.55	17.51		
5	16QAM	1	0	17.50	17.51	17.69	17.68	17.58		
5	16QAM	1	12	17.44	17.55	17.40	17.56	17.56	18.2	0
5	16QAM	1	24	17.56	17.37	17.48	17.45	17.54		
5	16QAM	12	0	17.46	17.60	17.58	17.49	17.48		
5	16QAM	12	7	17.40	17.43	17.51	17.48	17.44	18.2	0
5	16QAM	12	13	17.52	17.47	17.43	17.51	17.44		
5	16QAM	25	0	17.49	17.47	17.57	17.43	17.47		
5	64QAM	1	0	17.51	17.49	17.64	17.59	17.56		
5	64QAM	1	12	17.49	17.38	17.42	17.46	17.53	18.2	0
5	64QAM	1	24	17.59	17.40	17.52	17.33	17.50		
5	64QAM	12	0	17.51	17.51	17.57	17.51	17.39		
5	64QAM	12	7	17.52	17.48	17.48	17.44	17.52	18.2	0
5	64QAM	12	13	17.63	17.53	17.45	17.45	17.50		
5	64QAM	25	0	17.46	17.48	17.54	17.52	17.41		
5	256QAM	1	0	17.45	17.47	17.68	17.59	17.49		
5	256QAM	1	12	17.49	17.48	17.47	17.49	17.50	18.2	0
5	256QAM	1	24	17.58	17.39	17.45	17.42	17.55		
5	256QAM	12	0	17.42	17.59	17.51	17.52	17.36		
5	256QAM	12	7	17.36	17.49	17.51	17.36	17.44	18.2	0
5	256QAM	12	13	17.55	17.50	17.48	17.51	17.44		
5	256QAM	25	0	17.45	17.52	17.60	17.52	17.41		

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GSM1900	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810	(dBm)	512	661	810	(dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.40	29.50	29.41	30.50	20.40	20.50	20.41	21.50
GPRS 1 Tx slot	29.47	29.49	29.46	30.50	20.47	20.49	20.46	21.50
GPRS 2 Tx slots	26.68	26.76	26.70	27.50	20.68	20.76	20.70	21.50
GPRS 3 Tx slots	24.86	24.88	24.80	25.70	20.60	20.62	20.54	21.44
GPRS 4 Tx slots	23.65	23.66	23.57	24.50	20.65	20.66	20.57	21.50
EDGE 1 Tx slot	24.14	24.19	24.09	25.00	15.14	15.19	15.09	16.00
EDGE 2 Tx slots	21.75	21.82	21.74	22.00	15.75	15.82	15.74	16.00
EDGE 3 Tx slots	19.97	20.06	19.97	20.20	15.71	15.80	15.71	15.94
EDGE 4 Tx slots	18.55	18.61	18.53	19.00	15.55	15.61	15.53	16.00

WCDMA II Ant6 DSI5 / WCDMA IV Ant6 DSI5

Band		WCDMA II			Tune-up Limit	WCDMA IV			Tune-up Limit
TX Channel		9262	9400	9538	(dBm)	1312	1413	1513	(dBm)
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.82	18.93	18.84	20.50	17.57	17.86	17.65	19.50
3GPP Rel 99	RMC 12.2Kbps	18.86	18.99	18.89	20.50	17.68	17.93	17.78	19.50
3GPP Rel 6	HSDPA Subtest-1	18.00	18.19	18.12	19.50	16.78	16.81	16.71	18.50
3GPP Rel 6	HSDPA Subtest-2	17.95	18.02	17.83	19.50	16.57	16.73	16.51	18.50
3GPP Rel 6	HSDPA Subtest-3	17.53	17.57	17.47	19.00	16.19	16.20	16.09	18.00
3GPP Rel 6	HSDPA Subtest-4	17.24	17.32	17.32	19.00	16.23	16.21	16.02	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.85	17.90	17.81	19.50	16.56	16.83	16.57	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.90	17.89	17.87	19.50	16.57	16.64	16.57	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	17.33	17.43	17.43	19.00	16.02	16.18	16.07	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	17.15	17.20	17.26	19.00	16.16	16.19	16.11	18.00
3GPP Rel 6	HSUPA Subtest-1	17.85	17.85	17.80	19.50	16.55	16.64	16.56	18.50
3GPP Rel 6	HSUPA Subtest-2	15.94	16.00	15.88	17.50	14.51	14.63	14.66	16.50
3GPP Rel 6	HSUPA Subtest-3	16.83	16.89	16.85	18.50	15.60	15.62	15.61	17.50
3GPP Rel 6	HSUPA Subtest-4	15.98	15.95	15.94	17.50	14.65	14.80	14.66	16.50
3GPP Rel 6	HSUPA Subtest-5	17.97	17.97	17.90	19.50	16.65	16.70	16.60	18.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.23	15.41	15.34	17.00	14.06	14.04	14.11	16.00

Band 2 Ant6 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			18700	18900	19100		
	Frequency (MHz)			1860	1880	1900		
20	QPSK	1	0	19.63	19.95	19.81		
20	QPSK	1	49	19.80	19.72	19.78	21.5	0
20	QPSK	1	99	19.76	19.82	19.75		
20	QPSK	50	0	19.80	19.85	19.70		
20	QPSK	50	24	19.75	19.74	19.79	21.5	0
20	QPSK	50	50	19.74	19.75	19.71		
20	QPSK	100	0	19.78	19.84	19.67		
20	16QAM	1	0	19.52	19.90	19.68		
20	16QAM	1	49	19.75	19.66	19.70	21.5	0
20	16QAM	1	99	19.64	19.70	19.64		
20	16QAM	50	0	19.75	19.75	19.59		
20	16QAM	50	24	19.63	19.68	19.68	21.5	0
20	16QAM	50	50	19.65	19.69	19.63		
20	16QAM	100	0	19.70	19.70	19.60		
20	64QAM	1	0	19.55	19.85	19.76		
20	64QAM	1	49	19.71	19.62	19.67	21.5	0
20	64QAM	1	99	19.66	19.71	19.69		
20	64QAM	50	0	19.70	19.75	19.60		
20	64QAM	50	24	19.69	19.69	19.68	21.5	0
20	64QAM	50	50	19.64	19.71	19.60		
20	64QAM	100	0	19.72	19.71	19.59		
20	256QAM	1	0	18.10	18.43	18.29		
20	256QAM	1	49	18.31	18.17	18.27	20	1.5
20	256QAM	1	99	18.27	18.31	18.27		
20	256QAM	50	0	18.29	18.35	18.24		
20	256QAM	50	24	18.28	18.20	18.28	20	1.5
20	256QAM	50	50	18.20	18.22	18.18		
20	256QAM	100	0	18.33	18.34	18.14		
	Channel			18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1857.5	1880	1902.5		
15	QPSK	1	0	19.58	19.90	19.78		
15	QPSK	1	37	19.78	19.70	19.76	21.5	0
15	QPSK	1	74	19.75	19.79	19.74		
15	QPSK	36	0	19.77	19.83	19.66		
15	QPSK	36	20	19.70	19.71	19.75	21.5	0
15	QPSK	36	39	19.70	19.71	19.66		
15	QPSK	75	0	19.74	19.83	19.62		
15	16QAM	1	0	19.57	19.89	19.65		
15	16QAM	1	37	19.71	19.62	19.67	21.5	0
15	16QAM	1	74	19.62	19.68	19.60		
15	16QAM	36	0	19.74	19.71	19.58		
15	16QAM	36	20	19.58	19.64	19.64	21.5	0
15	16QAM	36	39	19.62	19.66	19.60		
15	16QAM	75	0	19.66	19.67	19.58		
15	64QAM	1	0	19.51	19.83	19.74		
15	64QAM	1	37	19.68	19.58	19.64	21.5	0
15	64QAM	1	74	19.62	19.68	19.67		
15	64QAM	36	0	19.68	19.74	19.56		
15	64QAM	36	20	19.66	19.67	19.64	21.5	0
15	64QAM	36	39	19.62	19.70	19.57		
15	64QAM	75	0	19.70	19.67	19.55		
15	256QAM	1	0	18.08	18.42	18.27		
15	256QAM	1	37	18.27	18.14	18.25	20	1.5
15	256QAM	1	74	18.24	18.26	18.23		
15	256QAM	36	0	18.27	18.33	18.22		
15	256QAM	36	20	18.26	18.16	18.23	20	1.5
15	256QAM	36	39	18.17	18.20	18.15		
15	256QAM	75	0	18.30	18.32	18.13		
	Channel			18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1852.5	1880	1905		
10	QPSK	1	0	19.62	19.90	19.76		
10	QPSK	1	25	19.77	19.69	19.76	21.5	0
10	QPSK	1	49	19.72	19.81	19.71		
10	QPSK	25	0	19.76	19.83	19.67		
10	QPSK	25	12	19.71	19.72	19.76	21.5	0
10	QPSK	25	25	19.71	19.70	19.67		
10	QPSK	50	0	19.76	19.82	19.65		
10	16QAM	1	0	19.50	19.89	19.66		
10	16QAM	1	25	19.72	19.62	19.66	21.5	0
10	16QAM	1	49	19.59	19.65	19.61		
10	16QAM	25	0	19.70	19.74	19.58		
10	16QAM	25	12	19.59	19.65	19.65	21.5	0
10	16QAM	25	25	19.64	19.64	19.58		
10	16QAM	50	0	19.69	19.66	19.59		
10	64QAM	1	0	19.51	19.81	19.74		
10	64QAM	1	25	19.70	19.59	19.62	21.5	0
10	64QAM	1	49	19.61	19.68	19.67		
10	64QAM	25	0	19.66	19.72	19.56		
10	64QAM	25	12	19.64	19.66	19.63	21.5	0
10	64QAM	25	25	19.62	19.67	19.56		
10	64QAM	50	0	19.70	19.66	19.56		
10	256QAM	1	0	18.07	18.41	18.27		
10	256QAM	1	25	18.28	18.13	18.23	20	1.5
10	256QAM	1	49	18.23	18.27	18.22		
10	256QAM	25	0	18.26	18.32	18.23		
10	256QAM	25	12	18.25	18.15	18.24	20	1.5
10	256QAM	25	25	18.16	18.19	18.15		
10	256QAM	50	0	18.32	18.29	18.11		
	Channel			18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1852.5	1880	1907.5		
5	QPSK	1	0	19.60	19.94	19.78		
5	QPSK	1	12	19.75	19.70	19.73	21.5	0
5	QPSK	1	24	19.72	19.78	19.71		
5	QPSK	12	0	19.75	19.83	19.69		
5	QPSK	12	7	19.72	19.70	19.76	21.5	0
5	QPSK	12	13	19.70	19.73	19.68		
5	QPSK	25	0	19.77	19.82	19.64		
5	16QAM	1	0	19.51	19.86	19.66		
5	16QAM	1	12	19.73	19.65	19.68	21.5	0
5	16QAM	1	24	19.61	19.66	19.61		
5	16QAM	12	0	19.72	19.72	19.55		
5	16QAM	12	7	19.60	19.66	19.64	21.5	0
5	16QAM	12	13	19.61	19.65	19.60		
5	16QAM	25	0	19.68	19.66	19.56		
5	64QAM	1	0	19.50	19.80	19.73		
5	64QAM	1	12	19.68	19.57	19.64	21.5	0
5	64QAM	1	24	19.61	19.68	19.67		
5	64QAM	12	0	19.67	19.70	19.55		
5	64QAM	12	7	19.67	19.66	19.65	21.5	0
5	64QAM	12	13	19.60	19.69	19.59		
5	64QAM	25	0	19.69	19.68	19.56		
5	256QAM	1	0	18.07	18.40	18.26		
5	256QAM	1	12	18.30	18.14	18.24	20	1.5
5	256QAM	1	24	18.23	18.27	18.24		
5	256QAM	12	0	18.26	18.31	18.19		
5	256QAM	12	7	18.24	18.15	18.24	20	1.5
5	256QAM	12	13	18.19	18.19	18.16		
5	256QAM	25	0	18.30	18.29	18.11		
	Channel			18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1851.5	1880	1908.5		
3	QPSK	1	0	19.61	19.91	19.76		
3	QPSK	1	8	19.79	19.70	19.73	21.5	0
3	QPSK	1	14	19.71	19.79	19.71		
3	QPSK	8	0	19.77	19.81	19.66		
3	QPSK	8	4	19.72	19.72	19.75	21.5	0
3	QPSK	8	7	19.73	19.72	19.68		
3	QPSK	15	0	19.73	19.81	19.65		
3	16QAM	1	0	19.53	19.86	19.64		
3	16QAM	1	8	19.73	19.63	19.66	21.5	0
3	16QAM	1	14	19.59	19.68	19.59		
3	16QAM	8	0	19.71	19.73	19.54		
3	16QAM	8	4	19.60	19.63	19.66	21.5	0
3	16QAM	8	7	19.62	19.64	19.60		
3	16QAM	15	0	19.66	19.66	19.57		
3	64QAM	1	0	19.51	19.82	19.72		
3	64QAM	1	8	19.67	19.60	19.63	21.5	0
3	64QAM	1	14	19.64	19.69	19.67		
3	64QAM	8	0	19.67	19.71	19.56		
3	64QAM	8	4	19.64	19.68	19.66	21.5	0
3	64QAM	8	7	19.61	19.69	19.57		
3	64QAM	15	0	19.68	19.68	19.55		
3	256QAM	1	0	18.07	18.41	18.26		
3	256QAM	1	8	18.28	18.13	18.22	20	1.5
3	256QAM	1	14	18.23	18.27	18.26		
3	256QAM	8	0	18.25	18.31	18.22		
3	256QAM	8	4	18.25	18.17	18.25	20	1.5
3	256QAM	8	7	18.16	18.19	18.17		
3	256QAM	15	0	18.30	18.31	18.10		
	Channel			18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1850.7	1880	1909.3		
1.4	QPSK	1	0	19.60	19.91	19.79		
1.4	QPSK	1	3	19.79	19.67	19.74		
1.4	QPSK	1	5	19.74	19.79	19.73	21.5	0
1.4	QPSK	3	0	19.78	19.81	19.66		
1.4	QPSK	3	1	19.71	19.72	19.74		
1.4	QPSK	3	3	19.71	19.74	19.70		
1.4	QPSK	6	0	19.76	19.80	19.62	21.5	0
1.4	16QAM	1	0	19.51	19.89	19.65		
1.4	16QAM	1	3	19.73	19.62	19.67		
1.4	16QAM	1	5	19.63	19.66	19.63	21.5	0
1.4	16QAM	3	0	19.71	19.73	19.57		
1.4	16QAM	3	1	19.62	19.66	19.64		
1.4	16QAM	3	3	19.63	19.67	19.59		
1.4	16QAM	6	0	19.67	19.65	19.58	21.5	0
1.4	64QAM	1	0	19.51	19.83	19.74		
1.4	64QAM	1	3	19.66	19.57	19.64		
1.4	64QAM	1	5	19.64	19.68	19.65	21.5	0
1.4	64QAM	3	0	19.67	19.73	19.58		
1.4	64QAM	3	1	19.67	19.65	19.67		
1.4	64QAM	3	3	19.60	19.67	19.57		
1.4	64QAM	6	0	19.68	19.66	19.55	21.5	0
1.4	256QAM	1	0	18.08	18.39	18.25		
1.4	256QAM	1	3	18.28	18.16	18.24		
1.4	256QAM	1	5	18.23	18.29	18.26	20	1.5
1.4	256QAM	3	0	18.25	18.33	18.20		
1.4	256QAM	3	1	18.23	18.17	18.26		
1.4	256QAM	3	3	18.19	18.20	18.15		
1.4	256QAM	6	0	18.31	18.31	18.12	20	1.5

Band 4 Ant6 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20050	20175	20300		
	Frequency (MHz)			1720	1732.5	1745		
20	QPSK	1	0	17.88	18.07	17.72		
20	QPSK	1	49	17.93	17.85	17.79	19.7	0
20	QPSK	1	99	17.83	17.86	17.88		
20	QPSK	50	0	17.86	17.99	17.83		
20	QPSK	50	24	17.82	17.85	17.93	19.7	0
20	QPSK	50	50	17.89	17.95	17.83		
20	QPSK	100	0	17.88	17.89	17.83		
20	16QAM	1	0	17.79	18.01	17.79		
20	16QAM	1	49	17.82	17.76	17.72	19.7	0
20	16QAM	1	99	17.75	17.82	17.84		
20	16QAM	50	0	17.76	17.93	17.82		
20	16QAM	50	24	17.73	17.83	17.84	19.7	0
20	16QAM	50	50	17.85	17.86	17.74		
20	16QAM	100	0	17.78	17.81	17.74		
20	64QAM	1	0	17.76	17.99	17.74		
20	64QAM	1	49	17.91	17.78	17.77	19.7	0
20	64QAM	1	99	17.76	17.76	17.84		
20	64QAM	50	0	17.75	17.91	17.78		
20	64QAM	50	24	17.73	17.81	17.87	19.7	0
20	64QAM	50	50	17.83	17.86	17.74		
20	64QAM	100	0	17.77	17.81	17.77		
20	256QAM	1	0	17.86	18.01	17.80		
20	256QAM	1	49	17.82	17.79	17.77	19.7	0
20	256QAM	1	99	17.77	17.83	17.85		
20	256QAM	50	0	17.84	17.90	17.72		
20	256QAM	50	24	17.80	17.81	17.91	19.7	0
20	256QAM	50	50	17.79	17.89	17.81		
20	256QAM	100	0	17.79	17.86	17.79		
	Channel			20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	17.78	17.96	17.80		
15	QPSK	1	37	17.83	17.75	17.71	19.7	0
15	QPSK	1	74	17.80	17.82	17.81		
15	QPSK	36	0	17.81	17.98	17.81		
15	QPSK	36	20	17.75	17.82	17.89	19.7	0
15	QPSK	36	39	17.81	17.87	17.81		
15	QPSK	75	0	17.81	17.87	17.79		
15	16QAM	1	0	17.77	17.94	17.76		
15	16QAM	1	37	17.77	17.71	17.80	19.7	0
15	16QAM	1	74	17.72	17.71	17.82		
15	16QAM	36	0	17.71	17.84	17.73		
15	16QAM	36	20	17.90	17.74	17.74	19.7	0
15	16QAM	36	39	17.82	17.82	17.90		
15	16QAM	75	0	17.76	17.73	17.76		
15	64QAM	1	0	17.70	17.91	17.71		
15	64QAM	1	37	17.84	17.76	17.70	19.7	0
15	64QAM	1	74	17.71	17.72	17.73		
15	64QAM	36	0	17.89	17.90	17.72		
15	64QAM	36	20	17.76	17.73	17.84	19.7	0
15	64QAM	36	39	17.77	17.84	17.89		
15	64QAM	75	0	17.87	17.73	17.72		
15	256QAM	1	0	17.80	17.98	17.71		
15	256QAM	1	37	17.78	17.87	17.71	19.7	0
15	256QAM	1	74	17.76	17.80	17.76		
15	256QAM	36	0	17.79	17.84	17.87		
15	256QAM	36	20	17.72	17.76	17.84	19.7	0
15	256QAM	36	39	17.76	17.87	17.78		
15	256QAM	75	0	17.70	17.79	17.77		
	Channel			20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	17.82	18.05	17.67		
10	QPSK	1	25	17.86	17.76	17.73	19.7	0
10	QPSK	1	49	17.82	17.84	17.86		
10	QPSK	25	0	17.76	17.93	17.80		
10	QPSK	25	12	17.76	17.77	17.92	19.7	0
10	QPSK	25	25	17.82	17.94	17.81		
10	QPSK	50	0	17.81	17.82	17.78		
10	16QAM	1	0	17.73	17.94	17.74		
10	16QAM	1	25	17.76	17.70	17.70	19.7	0
10	16QAM	1	49	17.73	17.77	17.82		
10	16QAM	25	0	17.87	17.88	17.79		
10	16QAM	25	12	17.71	17.73	17.73	19.7	0
10	16QAM	25	25	17.76	17.76	17.73		
10	16QAM	50	0	17.77	17.70	17.72		
10	64QAM	1	0	17.74	17.93	17.70		
10	64QAM	1	25	17.80	17.70	17.87	19.7	0
10	64QAM	1	49	17.71	17.74	17.74		
10	64QAM	25	0	17.82	17.87	17.74		
10	64QAM	25	12	17.70	17.76	17.83	19.7	0
10	64QAM	25	25	17.72	17.76	17.71		
10	64QAM	50	0	17.73	17.71	17.70		
10	256QAM	1	0	17.81	17.95	17.77		
10	256QAM	1	25	17.81	17.72	17.71	19.7	0
10	256QAM	1	49	17.73	17.81	17.83		
10	256QAM	25	0	17.79	17.86	17.71		
10	256QAM	25	12	17.76	17.74	17.88	19.7	0
10	256QAM	25	25	17.75	17.80	17.72		
10	256QAM	50	0	17.71	17.80	17.72		
	Channel			19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1732.5	1752.5		
5	QPSK	1	0	17.77	18.04	17.74		
5	QPSK	1	12	17.88	17.75	17.71	19.7	0
5	QPSK	1	24	17.73	17.75	17.86		
5	QPSK	12	0	17.77	17.93	17.81		
5	QPSK	12	7	17.79	17.82	17.83	19.7	0
5	QPSK	12	13	17.85	17.93	17.74		
5	QPSK	25	0	17.84	17.81	17.73		
5	16QAM	1	0	17.74	17.96	17.72		
5	16QAM	1	12	17.77	17.73	17.74	19.7	0
5	16QAM	1	24	17.70	17.79	17.77		
5	16QAM	12	0	17.72	17.83	17.77		
5	16QAM	12	7	17.74	17.81	17.77	19.7	0
5	16QAM	12	13	17.79	17.83	17.72		
5	16QAM	25	0	17.74	17.71	17.76		
5	64QAM	1	0	17.72	17.91	17.70		
5	64QAM	1	12	17.90	17.76	17.75	19.7	0
5	64QAM	1	24	17.72	17.72	17.76		
5	64QAM	12	0	17.82	17.89	17.74		
5	64QAM	12	7	17.88	17.76	17.80	19.7	0
5	64QAM	12	13	17.79	17.76	17.82		
5	64QAM	25	0	17.70	17.70	17.73		
5	256QAM	1	0	17.79	17.92	17.78		
5	256QAM	1	12	17.75	17.77	17.75	19.7	0
5	256QAM	1	24	17.72	17.77	17.76		
5	256QAM	12	0	17.81	17.87	17.71		
5	256QAM	12	7	17.70	17.80	17.89	19.7	0
5	256QAM	12	13	17.77	17.88	17.74		
5	256QAM	25	0	17.70	17.76	17.77		
	Channel			19964	20175	20385	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	17.84	17.99	17.88		
3	QPSK	1	8	17.91	17.80	17.72	19.7	0
3	QPSK	1	14	17.72	17.83	17.86		
3	QPSK	8	0	17.77	17.89	17.79		
3	QPSK	8	4	17.73	17.82	17.89	19.7	0
3	QPSK	8	7	17.88	17.94	17.80		
3	QPSK	15	0	17.85	17.84	17.78		
3	16QAM	1	0	17.77	17.95	17.73		
3	16QAM	1	8	17.71	17.74	17.88	19.7	0
3	16QAM	1	14	17.74	17.81	17.77		
3	16QAM	8	0	17.74	17.85	17.71		
3	16QAM	8	4	17.88	17.73	17.79	19.7	0
3	16QAM	8	7	17.75	17.76	17.76		
3	16QAM	15	0	17.71	17.77	17.88		
3	64QAM	1	0	17.71	17.93	17.70		
3	64QAM	1	8	17.86	17.70	17.75	19.7	0
3	64QAM	1	14	17.72	17.74	17.76		
3	64QAM	8	0	17.71	17.84	17.75		
3	64QAM	8	4	17.70	17.74	17.77	19.7	0
3	64QAM	8	7	17.76	17.84	17.74		
3	64QAM	15	0	17.72	17.73	17.70		
3	256QAM	1	0	17.80	17.98	17.74		
3	256QAM	1	8	17.77	17.70	17.76	19.7	0
3	256QAM	1	14	17.74	17.81	17.78		
3	256QAM	8	0	17.73	17.81	17.76		
3	256QAM	8	4	17.75	17.80	17.83	19.7	0
3	256QAM	8	7	17.74	17.80	17.77		
3	256QAM	15	0	17.74	17.82	17.74		
	Channel			19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.85	17.96	17.88		
1.4	QPSK	1	3	17.88	17.81	17.77		
1.4	QPSK	1	5	17.78	17.76	17.81	19.7	0
1.4	QPSK	3	0	17.81	17.88	17.77		
1.4	QPSK	3	1	17.79	17.83	17.83		
1.4	QPSK	3	3	17.82	17.84	17.72		
1.4	QPSK	6	0	17.79	17.79	17.76	19.7	0
1.4	16QAM	1	0	17.74	17.93	17.75		
1.4	16QAM	1	3	17.81	17.71	17.88		
1.4	16QAM	1	5	17.70	17.75	17.74	19.7	0
1.4	16QAM	3	0	17.71	17.91	17.75		
1.4	16QAM	3	1	17.77	17.78	17.81		
1.4	16QAM	3	3	17.81	17.77	17.70		
1.4	16QAM	6	0	17.74	17.71	17.88	19.7	0
1.4	64QAM	1	0	17.70	17.90	17.70		
1.4	64QAM	1	3	17.82	17.77	17.71		
1.4	64QAM	1	5	17.70	17.74	17.81	19.7	0
1.4	64QAM	3	0	17.88	17.86	17.75		
1.4	64QAM	3	1	17.70	17.72	17.80		
1.4	64QAM	3	3	17.81	17.77	17.70		
1.4	64QAM	6	0	17.88	17.79	17.74	19.7	0
1.4	256QAM	1	0	17.76	17.96	17.76		
1.4	256QAM	1	3	17.77	17.74	17.70		
1.4	256QAM	1	5	17.72	17.78	17.82	19.7	0
1.4	256QAM	3	0	17.77	17.89	17.88		
1.4	256QAM	3	1	17.77	17.71	17.87		
1.4	256QAM	3	3	17.73	17.81	17.70		
1.4	256QAM	6	0	17.78	17.81	17.76	19.7	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	18.34	18.46	18.32		
20	QPSK	1	49	18.24	18.45	18.24	20.2	0
20	QPSK	1	99	18.31	18.31	18.28		
20	QPSK	50	0	18.33	18.42	18.41		
20	QPSK	50	24	18.37	18.31	18.32	20.2	0
20	QPSK	50	50	18.31	18.37	18.33		
20	QPSK	100	0	18.23	18.37	18.23		
20	16QAM	1	0	18.26	18.43	18.23		
20	16QAM	1	49	18.26	18.38	18.28	20.2	0
20	16QAM	1	99	18.21	18.23	18.24		
20	16QAM	50	0	18.22	18.40	18.39		
20	16QAM	50	24	18.32	18.28	18.29	20.2	0
20	16QAM	50	50	18.21	18.33	18.23		
20	16QAM	100	0	18.22	18.27	18.28		
20	64QAM	1	0	18.27	18.42	18.26		
20	64QAM	1	49	18.22	18.43	18.29	20.2	0
20	64QAM	1	99	18.29	18.20	18.24		
20	64QAM	50	0	18.23	18.34	18.36		
20	64QAM	50	24	18.32	18.28	18.22	20.2	0
20	64QAM	50	50	18.23	18.31	18.24		
20	64QAM	100	0	18.21	18.28	18.29		
20	256QAM	1	0	18.28	18.43	18.27		
20	256QAM	1	49	18.36	18.34	18.36	20.2	0
20	256QAM	1	99	18.29	18.22	18.21		
20	256QAM	50	0	18.27	18.39	18.32		
20	256QAM	50	24	18.28	18.21	18.30	20.2	0
20	256QAM	50	50	18.23	18.36	18.28		
20	256QAM	100	0	18.36	18.28	18.36		
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	18.25	18.45	18.25		
15	QPSK	1	37	18.32	18.41	18.22	20.2	0
15	QPSK	1	74	18.30	18.21	18.32		
15	QPSK	36	0	18.28	18.36	18.34		
15	QPSK	36	20	18.33	18.22	18.23	20.2	0
15	QPSK	36	39	18.26	18.32	18.31		
15	QPSK	75	0	18.21	18.36	18.28		
15	16QAM	1	0	18.28	18.35	18.20		
15	16QAM	1	37	18.22	18.29	18.20	20.2	0
15	16QAM	1	74	18.23	18.29	18.24		
15	16QAM	36	0	18.20	18.33	18.32		
15	16QAM	36	20	18.22	18.32	18.22	20.2	0
15	16QAM	36	39	18.28	18.30	18.21		
15	16QAM	75	0	18.32	18.23	18.21		
15	64QAM	1	0	18.22	18.40	18.32		
15	64QAM	1	37	18.23	18.37	18.21	20.2	0
15	64QAM	1	74	18.20	18.28	18.23		
15	64QAM	36	0	18.32	18.28	18.31		
15	64QAM	36	20	18.30	18.26	18.29	20.2	0
15	64QAM	36	39	18.21	18.29	18.28		
15	64QAM	75	0	18.32	18.24	18.26		
15	256QAM	1	0	18.25	18.35	18.23		
15	256QAM	1	37	18.31	18.27	18.31	20.2	0
15	256QAM	1	74	18.21	18.21	18.32		
15	256QAM	36	0	18.32	18.38	18.23		
15	256QAM	36	20	18.32	18.21	18.23	20.2	0
15	256QAM	36	39	18.20	18.28	18.21		
15	256QAM	75	0	18.29	18.21	18.33		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.29	18.44	18.22		
10	QPSK	1	25	18.21	18.37	18.28	20.2	0
10	QPSK	1	49	18.28	18.28	18.34		
10	QPSK	25	0	18.30	18.32	18.32		
10	QPSK	25	12	18.34	18.25	18.26	20.2	0
10	QPSK	25	25	18.30	18.29	18.31		
10	QPSK	50	0	18.21	18.33	18.28		
10	16QAM	1	0	18.22	18.33	18.21		
10	16QAM	1	25	18.44	18.29	18.24	20.2	0
10	16QAM	1	49	18.34	18.21	18.34		
10	16QAM	25	0	18.20	18.37	18.31		
10	16QAM	25	12	18.23	18.23	18.21	20.2	0
10	16QAM	25	25	18.34	18.28	18.28		
10	16QAM	50	0	18.23	18.24	18.21		
10	64QAM	1	0	18.25	18.35	18.24		
10	64QAM	1	25	18.23	18.40	18.25	20.2	0
10	64QAM	1	49	18.22	18.34	18.20		
10	64QAM	25	0	18.22	18.23	18.27		
10	64QAM	25	12	18.23	18.25	18.44	20.2	0
10	64QAM	25	25	18.44	18.26	18.28		
10	64QAM	50	0	18.28	18.24	18.20		
10	256QAM	1	0	18.22	18.37	18.25		
10	256QAM	1	25	18.31	18.28	18.33	20.2	0
10	256QAM	1	49	18.22	18.20	18.44		
10	256QAM	25	0	18.24	18.34	18.29		
10	256QAM	25	12	18.26	18.20	18.44	20.2	0
10	256QAM	25	25	18.44	18.28	18.25		
10	256QAM	50	0	18.28	18.21	18.31		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.24	18.39	18.30		
5	QPSK	1	12	18.21	18.41	18.21	20.2	0
5	QPSK	1	24	18.25	18.21	18.22		
5	QPSK	12	0	18.27	18.33	18.38		
5	QPSK	12	7	18.32	18.28	18.24	20.2	0
5	QPSK	12	13	18.28	18.31	18.24		
5	QPSK	25	0	18.24	18.33	18.28		
5	16QAM	1	0	18.25	18.39	18.24		
5	16QAM	1	12	18.20	18.29	18.21	20.2	0
5	16QAM	1	24	18.28	18.24	18.20		
5	16QAM	12	0	18.24	18.35	18.34		
5	16QAM	12	7	18.23	18.20	18.22	20.2	0
5	16QAM	12	13	18.20	18.27	18.28		
5	16QAM	25	0	18.28	18.26	18.22		
5	64QAM	1	0	18.21	18.31	18.21		
5	64QAM	1	12	18.21	18.41	18.24	20.2	0
5	64QAM	1	24	18.28	18.31	18.20		
5	64QAM	12	0	18.31	18.28	18.26		
5	64QAM	12	7	18.26	18.31	18.21	20.2	0
5	64QAM	12	13	18.28	18.24	18.28		
5	64QAM	25	0	18.31	18.21	18.28		
5	256QAM	1	0	18.24	18.41	18.28		
5	256QAM	1	12	18.27	18.24	18.25	20.2	0
5	256QAM	1	24	18.25	18.20	18.28		
5	256QAM	12	0	18.21	18.34	18.27		
5	256QAM	12	7	18.24	18.26	18.23	20.2	0
5	256QAM	12	13	18.26	18.34	18.31		
5	256QAM	25	0	18.26	18.22	18.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.37	18.57	18.41		
20	QPSK	1	49	18.32	18.44	18.26	20.2	0
20	QPSK	1	99	18.40	18.40	18.37		
20	QPSK	50	0	18.32	18.42	18.27		
20	QPSK	50	24	18.41	18.37	18.36	20.2	0
20	QPSK	50	50	18.33	18.35	18.36		
20	QPSK	100	0	18.26	18.35	18.28		
20	16QAM	1	0	18.29	18.55	18.30		
20	16QAM	1	49	18.27	18.39	18.23	20.2	0
20	16QAM	1	99	18.30	18.32	18.28		
20	16QAM	50	0	18.22	18.33	18.32		
20	16QAM	50	24	18.33	18.32	18.27	20.2	0
20	16QAM	50	50	18.31	18.27	18.35		
20	16QAM	100	0	18.32	18.34	18.24		
20	64QAM	1	0	18.31	18.47	18.32		
20	64QAM	1	49	18.26	18.33	18.24	20.2	0
20	64QAM	1	99	18.36	18.37	18.33		
20	64QAM	50	0	18.29	18.34	18.20		
20	64QAM	50	24	18.30	18.34	18.32	20.2	0
20	64QAM	50	50	18.25	18.31	18.31		
20	64QAM	100	0	18.19	18.29	18.25		
20	256QAM	1	0	18.28	18.49	18.32		
20	256QAM	1	49	18.28	18.42	18.24	20.2	0
20	256QAM	1	99	18.31	18.35	18.27		
20	256QAM	50	0	18.24	18.39	18.23		
20	256QAM	50	24	18.34	18.28	18.33	20.2	0
20	256QAM	50	50	18.26	18.26	18.31		
20	256QAM	100	0	18.23	18.25	18.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.35	18.48	18.32		
15	QPSK	1	37	18.22	18.42	18.23	20.2	0
15	QPSK	1	74	18.31	18.29	18.35		
15	QPSK	36	0	18.27	18.32	18.20		
15	QPSK	36	20	18.32	18.28	18.28	20.2	0
15	QPSK	36	39	18.23	18.30	18.32		
15	QPSK	75	0	18.21	18.32	18.21		
15	16QAM	1	0	18.26	18.48	18.20		
15	16QAM	1	37	18.22	18.28	18.26	20.2	0
15	16QAM	1	74	18.26	18.26	18.20		
15	16QAM	36	0	18.28	18.23	18.28		
15	16QAM	36	20	18.26	18.24	18.21	20.2	0
15	16QAM	36	39	18.21	18.24	18.26		
15	16QAM	75	0	18.21	18.28	18.20		
15	64QAM	1	0	18.26	18.41	18.23		
15	64QAM	1	37	18.28	18.30	18.23	20.2	0
15	64QAM	1	74	18.25	18.32	18.24		
15	64QAM	36	0	18.22	18.26	18.28		
15	64QAM	36	20	18.30	18.30	18.28	20.2	0
15	64QAM	36	39	18.16	18.25	18.27		
15	64QAM	75	0	18.15	18.21	18.21		
15	256QAM	1	0	18.25	18.40	18.22		
15	256QAM	1	37	18.24	18.40	18.23	20.2	0
15	256QAM	1	74	18.29	18.24	18.23		
15	256QAM	36	0	18.22	18.32	18.28		
15	256QAM	36	20	18.31	18.23	18.24	20.2	0
15	256QAM	36	39	18.20	18.16	18.25		
15	256QAM	75	0	18.16	18.16	18.10		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.27	18.53	18.34		
10	QPSK	1	25	18.25	18.34	18.21	20.2	0
10	QPSK	1	49	18.32	18.38	18.31		
10	QPSK	25	0	18.21	18.34	18.20		
10	QPSK	25	12	18.37	18.29	18.29	20.2	0
10	QPSK	25	25	18.24	18.30	18.31		
10	QPSK	50	0	18.20	18.27	18.20		
10	16QAM	1	0	18.27	18.52	18.23		
10	16QAM	1	25	18.21	18.28	18.20	20.2	0
10	16QAM	1	49	18.34	18.21	18.21		
10	16QAM	25	0	18.20	18.25	18.21		
10	16QAM	25	12	18.25	18.27	18.20	20.2	0
10	16QAM	25	25	18.20	18.20	18.27		
10	16QAM	50	0	18.31	18.30	18.20		
10	64QAM	1	0	18.29	18.40	18.31		
10	64QAM	1	25	18.24	18.29	18.20	20.2	0
10	64QAM	1	49	18.28	18.32	18.28		
10	64QAM	25	0	18.24	18.25	18.20		
10	64QAM	25	12	18.19	18.23	18.23	20.2	0
10	64QAM	25	25	18.24	18.25	18.30		
10	64QAM	50	0	18.15	18.21	18.19		
10	256QAM	1	0	18.23	18.44	18.24		
10	256QAM	1	25	18.21	18.40	18.20	20.2	0
10	256QAM	1	49	18.21	18.29	18.25		
10	256QAM	25	0	18.20	18.28	18.20		
10	256QAM	25	12	18.26	18.26	18.27	20.2	0
10	256QAM	25	25	18.19	18.22	18.23		
10	256QAM	50	0	18.16	18.15	18.12		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.34	18.48	18.39		
5	QPSK	1	12	18.29	18.35	18.34	20.2	0
5	QPSK	1	24	18.32	18.36	18.28		
5	QPSK	12	0	18.27	18.36	18.20		
5	QPSK	12	7	18.36	18.29	18.34	20.2	0
5	QPSK	12	13	18.24	18.26	18.27		
5	QPSK	25	0	18.24	18.26	18.24		
5	16QAM	1	0	18.27	18.53	18.28		
5	16QAM	1	12	18.25	18.33	18.22	20.2	0
5	16QAM	1	24	18.24	18.27	18.26		
5	16QAM	12	0	18.21	18.27	18.29		
5	16QAM	12	7	18.29	18.22	18.22	20.2	0
5	16QAM	12	13	18.24	18.26	18.27		
5	16QAM	25	0	18.22	18.25	18.34		
5	64QAM	1	0	18.26	18.46	18.21		
5	64QAM	1	12	18.22	18.30	18.34	20.2	0
5	64QAM	1	24	18.27	18.30	18.22		
5	64QAM	12	0	18.22	18.27	18.34		
5	64QAM	12	7	18.28	18.25	18.25	20.2	0
5	64QAM	12	13	18.23	18.30	18.20		
5	64QAM	25	0	18.10	18.27	18.17		
5	256QAM	1	0	18.22	18.46	18.24		
5	256QAM	1	12	18.26	18.31	18.34	20.2	0
5	256QAM	1	24	18.25	18.30	18.22		
5	256QAM	12	0	18.24	18.34	18.34		
5	256QAM	12	7	18.27	18.26	18.25	20.2	0
5	256QAM	12	13	18.23	18.24	18.23		
5	256QAM	25	0	18.18	18.19	18.16		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.32	18.46	18.36		
3	QPSK	1	8	18.23	18.37	18.20	20.2	0
3	QPSK	1	14	18.37	18.34	18.35		
3	QPSK	8	0	18.25	18.38	18.20		
3	QPSK	8	4	18.31	18.30	18.29	20.2	0
3	QPSK	8	7	18.31	18.33	18.27		
3	QPSK	15	0	18.24	18.29	18.37		
3	16QAM	1	0	18.27	18.47	18.22		
3	16QAM	1	8	18.25	18.29	18.37	20.2	0
3	16QAM	1	14	18.29	18.25	18.25		
3	16QAM	8	0	18.37	18.27	18.26		
3	16QAM	8	4	18.30	18.25	18.22	20.2	0
3	16QAM	8	7	18.29	18.22	18.31		
3	16QAM	15	0	18.23	18.32	18.22		
3	64QAM	1	0	18.30	18.40	18.22		
3	64QAM	1	8	18.37	18.26	18.37	20.2	0
3	64QAM	1	14	18.25	18.30	18.24		
3	64QAM	8	0	18.27	18.25	18.22		
3	64QAM	8	4	18.26	18.29	18.27	20.2	0
3	64QAM	8	7	18.21	18.27	18.21		
3	64QAM	15	0	18.09	18.25	18.20		
3	256QAM	1	0	18.37	18.40	18.23		
3	256QAM	1	8	18.23	18.38	18.22	20.2	0
3	256QAM	1	14	18.27	18.29	18.22		
3	256QAM	8	0	18.21	18.34	18.37		
3	256QAM	8	4	18.30	18.27	18.31	20.2	0
3	256QAM	8	7	18.23	18.25	18.21		
3	256QAM	15	0	18.16	18.22	18.13		
Channel				131979	132322	132685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.28	18.50	18.36		
1.4	QPSK	1	3	18.26	18.41	18.46		
1.4	QPSK	1	5	18.34	18.38	18.26	20.2	0
1.4	QPSK	3	0	18.21	18.39	18.22		
1.4	QPSK	3	1	18.38	18.34	18.29		
1.4	QPSK	3	3	18.32	18.26	18.28		
1.4	QPSK	6	0	18.20	18.24	18.22	20.2	0
1.4	16QAM	1	0	18.27	18.52	18.29		
1.4	16QAM	1	3	18.21	18.33	18.21		
1.4	16QAM	1	5	18.24	18.24	18.26	20.2	0
1.4	16QAM	3	0	18.46	18.23	18.28		
1.4	16QAM	3	1	18.27	18.25	18.46		
1.4	16QAM	3	3	18.24	18.22	18.30		
1.4	16QAM	6	0	18.23	18.25	18.21	20.2	0
1.4	64QAM	1	0	18.24	18.46	18.29		
1.4	64QAM	1	3	18.24	18.26	18.24		
1.4	64QAM	1	5	18.34	18.29	18.27	20.2	0
1.4	64QAM	3	0	18.46	18.27	18.21		
1.4	64QAM	3	1	18.20	18.26	18.24		
1.4	64QAM	3	3	18.21	18.21	18.28		
1.4	64QAM	6	0	18.46	18.21	18.21	20.2	0
1.4	256QAM	1	0	18.21	18.41	18.22		
1.4	256QAM	1	3	18.20	18.37	18.21		
1.4	256QAM	1	5	18.29	18.33	18.22	20.2	0
1.4	256QAM	3	0	18.21	18.31	18.21		
1.4	256QAM	3	1	18.29	18.20	18.31		
1.4	256QAM	3	3	18.21	18.34	18.23		
1.4	256QAM	6	0	18.34	18.23	18.41	20.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.41	18.51	18.35	20	0
20	QPSK	1	49	18.38	18.50	18.38		
20	QPSK	1	99	18.46	18.47	18.28		
20	QPSK	50	0	18.47	18.48	18.30		
20	QPSK	50	24	18.38	18.36	18.33		
20	QPSK	50	50	18.43	18.38	18.37		
20	QPSK	100	0	18.46	18.47	18.33		
20	16QAM	1	0	18.34	18.45	18.24	20	0
20	16QAM	1	49	18.32	18.49	18.32		
20	16QAM	1	99	18.40	18.46	18.22		
20	16QAM	50	0	18.38	18.44	18.20		
20	16QAM	50	24	18.28	18.33	18.30		
20	16QAM	50	50	18.35	18.32	18.28		
20	16QAM	100	0	18.37	18.37	18.28		
20	64QAM	1	0	18.31	18.43	18.28	20	0
20	64QAM	1	49	18.36	18.41	18.30		
20	64QAM	1	99	18.37	18.36	18.22		
20	64QAM	50	0	18.41	18.46	18.24	20	0
20	64QAM	50	24	18.35	18.28	18.28		
20	64QAM	50	50	18.35	18.34	18.34		
20	64QAM	100	0	18.43	18.45	18.32		
20	256QAM	1	0	18.37	18.45	18.29	20	0
20	256QAM	1	49	18.28	18.46	18.32		
20	256QAM	1	99	18.44	18.36	18.22		
20	256QAM	50	0	18.43	18.40	18.22	20	0
20	256QAM	50	24	18.32	18.34	18.24		
20	256QAM	50	50	18.34	18.36	18.35		
20	256QAM	100	0	18.40	18.41	18.23		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.32	18.44	18.30	20	0
15	QPSK	1	37	18.30	18.40	18.32		
15	QPSK	1	74	18.42	18.46	18.22		
15	QPSK	36	0	18.40	18.46	18.24	20	0
15	QPSK	36	20	18.35	18.32	18.30		
15	QPSK	36	39	18.37	18.28	18.36		
15	QPSK	75	0	18.44	18.40	18.29		
15	16QAM	1	0	18.32	18.42	18.19	20	0
15	16QAM	1	37	18.27	18.44	18.24		
15	16QAM	1	74	18.39	18.38	18.12		
15	16QAM	36	0	18.31	18.34	18.12	20	0
15	16QAM	36	20	18.19	18.27	18.27		
15	16QAM	36	39	18.30	18.26	18.18		
15	16QAM	75	0	18.31	18.29	18.26		
15	64QAM	1	0	18.23	18.36	18.25	20	0
15	64QAM	1	37	18.34	18.31	18.21		
15	64QAM	1	74	18.32	18.25	18.15		
15	64QAM	36	0	18.34	18.40	18.17	20	0
15	64QAM	36	20	18.30	18.18	18.25		
15	64QAM	36	39	18.26	18.26	18.32		
15	64QAM	75	0	18.38	18.40	18.22		
15	256QAM	1	0	18.34	18.41	18.26	20	0
15	256QAM	1	37	18.25	18.43	18.25		
15	256QAM	1	74	18.38	18.27	18.13		
15	256QAM	36	0	18.33	18.37	18.15	20	0
15	256QAM	36	20	18.25	18.23	18.21		
15	256QAM	36	39	18.25	18.31	18.32		
15	256QAM	75	0	18.34	18.38	18.17		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572	2595	2615		
10	QPSK	1	0	18.32	18.46	18.32	20	0
10	QPSK	1	25	18.37	18.47	18.37		
10	QPSK	1	49	18.36	18.43	18.19		
10	QPSK	25	0	18.39	18.39	18.20		
10	QPSK	25	12	18.29	18.37	18.24	20	0
10	QPSK	25	25	18.37	18.31	18.29		
10	QPSK	50	0	18.40	18.41	18.29		
10	16QAM	1	0	18.28	18.38	18.22	20	0
10	16QAM	1	25	18.29	18.45	18.24		
10	16QAM	1	49	18.35	18.37	18.15		
10	16QAM	25	0	18.31	18.36	18.14	20	0
10	16QAM	25	12	18.24	18.27	18.28		
10	16QAM	25	25	18.27	18.22	18.21		
10	16QAM	50	0	18.30	18.26	18.20		
10	64QAM	1	0	18.21	18.36	18.22	20	0
10	64QAM	1	25	18.32	18.40	18.26		
10	64QAM	1	49	18.31	18.26	18.21		
10	64QAM	25	0	18.36	18.39	18.17	20	0
10	64QAM	25	12	18.26	18.22	18.18		
10	64QAM	25	25	18.34	18.25	18.31		
10	64QAM	50	0	18.36	18.37	18.30		
10	256QAM	1	0	18.33	18.36	18.22	20	0
10	256QAM	1	25	18.19	18.44	18.30		
10	256QAM	1	49	18.41	18.26	18.20		
10	256QAM	25	0	18.36	18.33	18.19	20	0
10	256QAM	25	12	18.27	18.28	18.16		
10	256QAM	25	25	18.36	18.32	18.32		
10	256QAM	50	0	18.30	18.33	18.20		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.32	18.47	18.25	20	0
5	QPSK	1	12	18.30	18.40	18.34		
5	QPSK	1	24	18.44	18.37	18.18		
5	QPSK	12	0	18.37	18.42	18.27	20	0
5	QPSK	12	7	18.30	18.27	18.29		
5	QPSK	12	13	18.39	18.28	18.35		
5	QPSK	25	0	18.38	18.38	18.28		
5	16QAM	1	0	18.31	18.42	18.15	20	0
5	16QAM	1	12	18.31	18.40	18.22		
5	16QAM	1	24	18.30	18.35	18.11		
5	16QAM	12	0	18.27	18.41	18.12	20	0
5	16QAM	12	7	18.28	18.28	18.27		
5	16QAM	12	13	18.29	18.25	18.25		
5	16QAM	25	0	18.28	18.28	18.22	20	0
5	16QAM	25	0	18.25	18.39	18.26		
5	64QAM	1	0	18.30	18.38	18.21		
5	64QAM	1	24	18.32	18.33	18.18		
5	64QAM	12	0	18.34	18.36	18.23	20	0
5	64QAM	12	7	18.28	18.17	18.25		
5	64QAM	12	13	18.30	18.29	18.28		
5	64QAM	25	0	18.41	18.36	18.25		
5	256QAM	1	0	18.35	18.36	18.27	20	0
5	256QAM	1	12	18.25	18.39	18.23		
5	256QAM	1	24	18.34	18.30	18.17		
5	256QAM	12	0	18.42	18.34	18.12	20	0
5	256QAM	12	7	18.31	18.26	18.17		
5	256QAM	12	13	18.31	18.32	18.32		
5	256QAM	25	0	18.36	18.36	18.12		

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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	19.29	19.24	19.59	19.39	19.31	21	0
20	QPSK	1	49	19.39	19.39	19.54	19.50	19.47		
20	QPSK	1	99	19.44	19.48	19.50	19.32	19.32		
20	QPSK	50	0	19.42	19.35	19.58	19.48	19.45		
20	QPSK	50	24	19.50	19.50	19.57	19.34	19.40		
20	QPSK	50	50	19.41	19.36	19.41	19.43	19.41		
20	QPSK	100	0	19.36	19.45	19.48	19.34	19.40		
20	16QAM	1	0	19.19	19.14	19.54	19.30	19.26	21	0
20	16QAM	1	49	19.34	19.34	19.43	19.47	19.41		
20	16QAM	1	99	19.37	19.42	19.41	19.30	19.26		
20	16QAM	50	0	19.39	19.27	19.56	19.37	19.44		
20	16QAM	50	24	19.40	19.39	19.49	19.29	19.34		
20	16QAM	50	50	19.35	19.28	19.30	19.39	19.35		
20	16QAM	100	0	19.32	19.41	19.42	19.31	19.38		
20	64QAM	1	0	19.19	19.22	19.55	19.31	19.26	21	0
20	64QAM	1	49	19.35	19.32	19.49	19.43	19.36		
20	64QAM	1	99	19.39	19.44	19.40	19.24	19.27		
20	64QAM	50	0	19.33	19.28	19.52	19.45	19.34		
20	64QAM	50	24	19.43	19.42	19.48	19.24	19.35		
20	64QAM	50	50	19.31	19.35	19.33	19.41	19.40		
20	64QAM	100	0	19.34	19.41	19.43	19.31	19.34		
20	256QAM	1	0	18.32	18.24	18.60	18.36	18.34	20	1
20	256QAM	1	49	18.43	18.44	18.50	18.45	18.44		
20	256QAM	1	99	18.48	18.49	18.47	18.35	18.30		
20	256QAM	50	0	18.43	18.33	18.54	18.47	18.49	20	1
20	256QAM	50	24	18.52	18.47	18.53	18.36	18.37		
20	256QAM	50	50	18.45	18.36	18.43	18.41	18.41		
20	256QAM	100	0	18.33	18.42	18.45	18.35	18.41		
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	19.27	19.14	19.49	19.36	19.29	21	0
15	QPSK	1	37	19.33	19.34	19.53	19.41	19.43		
15	QPSK	1	74	19.36	19.42	19.41	19.22	19.26		
15	QPSK	36	0	19.34	19.24	19.55	19.42	19.34	21	0
15	QPSK	36	20	19.40	19.48	19.55	19.29	19.37		
15	QPSK	36	39	19.31	19.28	19.33	19.35	19.39		
15	QPSK	75	0	19.35	19.40	19.41	19.26	19.34		
15	16QAM	1	0	19.15	19.06	19.47	19.22	19.19	21	0
15	16QAM	1	37	19.34	19.25	19.36	19.39	19.34		
15	16QAM	1	74	19.28	19.41	19.35	19.26	19.19		
15	16QAM	36	0	19.37	19.22	19.48	19.30	19.35	21	0
15	16QAM	36	20	19.30	19.32	19.40	19.26	19.27		
15	16QAM	36	39	19.25	19.25	19.28	19.33	19.31		
15	16QAM	75	0	19.26	19.35	19.36	19.21	19.36		
15	64QAM	1	0	19.15	19.13	19.46	19.28	19.18	21	0
15	64QAM	1	37	19.26	19.29	19.44	19.40	19.31		
15	64QAM	1	74	19.28	19.41	19.29	19.17	19.20		
15	64QAM	36	0	19.30	19.18	19.41	19.42	19.26	21	0
15	64QAM	36	20	19.40	19.32	19.41	19.20	19.28		
15	64QAM	36	39	19.23	19.28	19.23	19.32	19.32		
15	64QAM	75	0	19.28	19.38	19.40	19.23	19.24		
15	256QAM	1	0	18.29	18.17	18.54	18.29	18.27	20	1
15	256QAM	1	37	18.39	18.39	18.47	18.35	18.42		
15	256QAM	1	74	18.46	18.44	18.38	18.27	18.21		
15	256QAM	36	0	18.42	18.24	18.48	18.46	18.45	20	1
15	256QAM	36	20	18.51	18.40	18.49	18.27	18.28		
15	256QAM	36	39	18.40	18.34	18.37	18.34	18.32		
15	256QAM	75	0	18.28	18.38	18.38	18.32	18.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.23	19.13	19.55	19.32	19.24	21	0
10	QPSK	1	25	19.34	19.38	19.45	19.42	19.45		
10	QPSK	1	49	19.36	19.39	19.46	19.28	19.24		
10	QPSK	25	0	19.34	19.29	19.50	19.40	19.42		
10	QPSK	25	12	19.40	19.44	19.49	19.26	19.38		
10	QPSK	25	25	19.33	19.33	19.36	19.32	19.31		
10	QPSK	50	0	19.32	19.43	19.45	19.30	19.34		
10	16QAM	1	0	19.12	19.10	19.47	19.28	19.17	21	0
10	16QAM	1	25	19.30	19.29	19.35	19.39	19.30		
10	16QAM	1	49	19.34	19.33	19.34	19.23	19.16		
10	16QAM	25	0	19.34	19.19	19.50	19.36	19.37		
10	16QAM	25	12	19.30	19.34	19.44	19.24	19.26		
10	16QAM	25	25	19.32	19.26	19.21	19.37	19.24		
10	16QAM	50	0	19.28	19.31	19.27	19.35	19.35		
10	64QAM	1	0	19.10	19.16	19.46	19.21	19.17	21	0
10	64QAM	1	25	19.31	19.28	19.42	19.34	19.26		
10	64QAM	1	49	19.30	19.34	19.35	19.20	19.19		
10	64QAM	25	0	19.28	19.26	19.47	19.40	19.27		
10	64QAM	25	12	19.28	19.36	19.43	19.17	19.28		
10	64QAM	25	25	19.34	19.25	19.28	19.38	19.36		
10	64QAM	50	0	19.26	19.40	19.40	19.27	19.23		
10	256QAM	1	0	18.29	18.20	18.49	18.29	18.32	20	1
10	256QAM	1	25	18.38	18.39	18.41	18.42	18.39		
10	256QAM	1	49	18.40	18.40	18.36	18.29	18.23		
10	256QAM	25	0	18.38	18.28	18.45	18.45	18.47	20	1
10	256QAM	25	12	18.48	18.45	18.52	18.33	18.35		
10	256QAM	25	25	18.42	18.29	18.35	18.30	18.33		
10	256QAM	50	0	18.26	18.40	18.43	18.32	18.34		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.2	2687.5		
5	QPSK	1	0	19.24	19.17	19.56	19.36	19.29	21	0
5	QPSK	1	12	19.32	19.28	19.45	19.49	19.39		
5	QPSK	1	24	19.41	19.45	19.44	19.25	19.22		
5	QPSK	12	0	19.32	19.27	19.48	19.46	19.37	21	0
5	QPSK	12	7	19.45	19.45	19.50	19.28	19.32		
5	QPSK	12	13	19.33	19.26	19.37	19.42	19.35		
5	QPSK	25	0	19.33	19.36	19.43	19.31	19.34		
5	16QAM	1	0	19.11	19.03	19.44	19.22	19.16	21	0
5	16QAM	1	12	19.26	19.28	19.41	19.37	19.38		
5	16QAM	1	24	19.28	19.39	19.36	19.20	19.17		
5	16QAM	12	0	19.37	19.17	19.53	19.30	19.41	21	0
5	16QAM	12	7	19.38	19.32	19.40	19.28	19.24		
5	16QAM	12	13	19.25	19.23	19.26	19.32	19.25		
5	16QAM	25	0	19.26	19.37	19.40	19.29	19.31		
5	64QAM	1	0	19.11	19.21	19.47	19.27	19.18	21	0
5	64QAM	1	12	19.33	19.26	19.44	19.35	19.26		
5	64QAM	1	24	19.38	19.39	19.31	19.21	19.24		
5	64QAM	12	0	19.31	19.20	19.51	19.35	19.26	21	0
5	64QAM	12	7	19.42	19.39	19.38	19.18	19.25		
5	64QAM	12	13	19.24	19.28	19.29	19.30	19.34		
5	64QAM	25	0	19.26	19.40	19.34	19.25	19.28		
5	256QAM	1	0	18.21	18.15	18.52	18.30	18.25	20	1
5	256QAM	1	12	18.41	18.42	18.40	18.35	18.35		
5	256QAM	1	24	18.45	18.40	18.44	18.33	18.28		
5	256QAM	12	0	18.42	18.30	18.49	18.44	18.45	20	1
5	256QAM	12	7	18.47	18.41	18.46	18.26	18.29		
5	256QAM	12	13	18.39	18.35	18.39	18.32	18.38		
5	256QAM	25	0	18.30	18.36	18.43	18.30	18.30		

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BW [MHz]	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	20.83	20.93	20.56	22.5	0
20	QPSK	1	49	20.83	20.77	20.72		
20	QPSK	1	99	20.86	20.76	20.77		
20	QPSK	50	0	20.85	20.91	20.81		
20	QPSK	50	24	20.81	20.90	20.76		
20	QPSK	50	50	20.76	20.86	20.74		
20	QPSK	100	0	20.88	20.89	20.74		
20	16QAM	1	0	20.73	20.88	20.51	22.5	0
20	16QAM	1	49	20.78	20.71	20.69		
20	16QAM	1	99	20.82	20.68	20.76		
20	16QAM	50	0	20.83	20.82	20.76		
20	16QAM	50	24	20.72	20.84	20.68		
20	16QAM	50	50	20.69	20.81	20.63		
20	16QAM	100	0	20.82	20.83	20.71		
20	64QAM	1	0	20.81	20.90	20.50	22.5	0
20	64QAM	1	49	20.78	20.73	20.63		
20	64QAM	1	99	20.83	20.74	20.70		
20	64QAM	50	0	19.84	19.94	19.56	21.5	1
20	64QAM	50	24	19.87	19.76	19.73		
20	64QAM	50	50	19.85	19.76	19.80		
20	64QAM	100	0	19.83	19.91	19.77		
20	256QAM	1	0	17.85	17.96	17.59	19.5	3
20	256QAM	1	49	17.83	17.77	17.74		
20	256QAM	1	99	17.83	17.75	17.76		
20	256QAM	50	0	17.87	17.95	17.80	19.5	3
20	256QAM	50	24	17.80	17.90	17.72		
20	256QAM	50	50	17.72	17.85	17.72		
20	256QAM	100	0	17.83	17.89	17.70		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.81	20.86	20.52	22.5	0
15	QPSK	1	37	20.78	20.70	20.64		
15	QPSK	1	74	20.80	20.66	20.75		
15	QPSK	36	0	20.81	20.65	20.72	22.5	0
15	QPSK	36	20	20.77	20.86	20.74		
15	QPSK	36	39	20.67	20.76	20.64		
15	QPSK	75	0	20.77	20.88	20.65		
15	16QAM	1	0	20.71	20.82	20.77	22.5	0
15	16QAM	1	37	20.76	20.67	20.61		
15	16QAM	1	74	20.72	20.59	20.66		
15	16QAM	36	0	20.82	20.75	20.67		
15	16QAM	36	20	20.65	20.77	20.57		
15	16QAM	36	39	20.67	20.76	20.61		
15	16QAM	75	0	20.78	20.78	20.69		
15	64QAM	1	0	20.73	20.85	20.77	22.5	0
15	64QAM	1	37	20.71	20.66	20.57		
15	64QAM	1	74	20.75	20.65	20.67		
15	64QAM	36	0	19.79	19.88	19.52	21.5	1
15	64QAM	36	20	19.77	19.66	19.69		
15	64QAM	36	39	19.76	19.72	19.76		
15	64QAM	75	0	19.80	19.89	19.72		
15	256QAM	1	0	17.80	17.93	17.73	19.5	3
15	256QAM	1	37	17.73	17.73	17.73		
15	256QAM	1	74	17.80	17.71	17.73		
15	256QAM	36	0	17.83	17.85	17.71	19.5	3
15	256QAM	36	20	17.76	17.80	17.69		
15	256QAM	36	39	17.65	17.79	17.68		
15	256QAM	75	0	17.78	17.82	17.62		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.76	20.82	20.51	22.5	0
10	QPSK	1	25	20.78	20.75	20.68		
10	QPSK	1	49	20.80	20.73	20.72		
10	QPSK	25	0	20.84	20.84	20.71		
10	QPSK	25	12	20.77	20.79	20.66	22.5	0
10	QPSK	25	25	20.68	20.81	20.70		
10	QPSK	50	0	20.83	20.88	20.65		
10	16QAM	1	0	20.67	20.83	20.76	22.5	0
10	16QAM	1	25	20.68	20.64	20.63		
10	16QAM	1	49	20.80	20.59	20.70		
10	16QAM	25	0	20.76	20.81	20.74		
10	16QAM	25	12	20.62	20.82	20.64	22.5	0
10	16QAM	25	25	20.62	20.73	20.54		
10	16QAM	50	0	20.74	20.80	20.61		
10	64QAM	1	0	20.70	20.84	20.76	22.5	0
10	64QAM	1	25	20.73	20.72	20.60		
10	64QAM	1	49	20.80	20.63	20.68		
10	64QAM	25	0	19.77	19.83	19.80	21.5	1
10	64QAM	25	12	19.80	19.72	19.67		
10	64QAM	25	25	19.76	19.72	19.70		
10	64QAM	50	0	19.72	19.84	19.75		
10	256QAM	1	0	17.78	17.94	17.82	19.5	3
10	256QAM	1	25	17.74	17.75	17.64		
10	256QAM	1	49	17.80	17.66	17.65		
10	256QAM	25	0	17.82	17.89	17.79	19.5	3
10	256QAM	25	12	17.74	17.84	17.61		
10	256QAM	25	25	17.83	17.83	17.64		
10	256QAM	50	0	17.77	17.85	17.66		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.73	20.90	20.51	22.5	0
5	QPSK	1	12	20.79	20.69	20.62		
5	QPSK	1	24	20.85	20.68	20.68		
5	QPSK	12	0	20.75	20.89	20.77	22.5	0
5	QPSK	12	7	20.72	20.82	20.70		
5	QPSK	12	13	20.70	20.80	20.65		
5	QPSK	25	0	20.82	20.84	20.67		
5	16QAM	1	0	20.71	20.79	20.76	22.5	0
5	16QAM	1	12	20.67	20.62	20.59		
5	16QAM	1	24	20.80	20.60	20.70		
5	16QAM	12	0	20.78	20.72	20.75	22.5	0
5	16QAM	12	7	20.63	20.74	20.65

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.35	17.49	17.32	18.2	0
20	QPSK	1	49	17.40	17.37	17.41		
20	QPSK	1	99	17.25	17.44	17.42		
20	QPSK	50	0	17.41	17.42	17.35	18.2	0
20	QPSK	50	24	17.27	17.36	17.35		
20	QPSK	50	50	17.33	17.32	17.27		
20	QPSK	100	0	17.37	17.42	17.30		
20	16QAM	1	0	17.25	17.41	17.21	18.2	0
20	16QAM	1	49	17.33	17.29	17.37		
20	16QAM	1	99	17.24	17.38	17.40		
20	16QAM	50	0	17.39	17.37	17.26	18.2	0
20	16QAM	50	24	17.21	17.34	17.33		
20	16QAM	50	50	17.27	17.23	17.21		
20	16QAM	100	0	17.30	17.35	17.27		
20	64QAM	1	0	17.29	17.45	17.24	18.2	0
20	64QAM	1	49	17.37	17.31	17.35		
20	64QAM	1	99	17.22	17.41	17.40		
20	64QAM	50	0	17.35	17.39	17.29	18.2	0
20	64QAM	50	24	17.20	17.28	17.30		
20	64QAM	50	50	17.31	17.22	17.21		
20	64QAM	100	0	17.36	17.39	17.29		
20	256QAM	1	0	17.27	17.45	17.27	18.2	0
20	256QAM	1	49	17.33	17.29	17.36		
20	256QAM	1	99	17.21	17.41	17.39		
20	256QAM	50	0	17.30	17.31	17.33	18.2	0
20	256QAM	50	24	17.25	17.28	17.31		
20	256QAM	50	50	17.31	17.31	17.19		
20	256QAM	100	0	17.34	17.38	17.19		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.26	17.47	17.25	18.2	0
15	QPSK	1	37	17.38	17.32	17.31		
15	QPSK	1	74	17.18	17.34	17.36		
15	QPSK	36	0	17.35	17.38	17.25	18.2	0
15	QPSK	36	20	17.19	17.33	17.29		
15	QPSK	36	39	17.22	17.22	17.24		
15	QPSK	75	0	17.29	17.41	17.27		
15	16QAM	1	0	17.22	17.31	17.16	18.2	0
15	16QAM	1	37	17.25	17.20	17.35		
15	16QAM	1	74	17.14	17.29	17.37		
15	16QAM	36	0	17.34	17.34	17.19	18.2	0
15	16QAM	36	20	17.14	17.24	17.30		
15	16QAM	36	39	17.25	17.18	17.18		
15	16QAM	75	0	17.26	17.27	17.19		
15	64QAM	1	0	17.21	17.40	17.14	18.2	0
15	64QAM	1	37	17.30	17.23	17.31		
15	64QAM	1	74	17.19	17.36	17.30		
15	64QAM	36	0	17.29	17.34	17.23	18.2	0
15	64QAM	36	20	17.17	17.24	17.21		
15	64QAM	36	39	17.27	17.11	17.14		
15	64QAM	75	0	17.31	17.29	17.20		
15	256QAM	1	0	17.24	17.41	17.23	18.2	0
15	256QAM	1	37	17.25	17.18	17.31		
15	256QAM	1	74	17.18	17.33	17.33		
15	256QAM	36	0	17.28	17.30	17.25	18.2	0
15	256QAM	36	20	17.14	17.18	17.21		
15	256QAM	36	39	17.28	17.21	17.11		
15	256QAM	75	0	17.33	17.35	17.17		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.27	17.41	17.30	18.2	0
10	QPSK	1	25	17.39	17.27	17.38		
10	QPSK	1	49	17.17	17.40	17.34		
10	QPSK	25	0	17.35	17.38	17.25	18.2	0
10	QPSK	25	12	17.18	17.32	17.25		
10	QPSK	25	25	17.26	17.29	17.18		
10	QPSK	50	0	17.34	17.38	17.28		
10	16QAM	1	0	17.19	17.31	17.13	18.2	0
10	16QAM	1	25	17.29	17.19	17.26		
10	16QAM	1	49	17.22	17.30	17.35		
10	16QAM	25	0	17.32	17.33	17.19	18.2	0
10	16QAM	25	12	17.11	17.26	17.28		
10	16QAM	25	25	17.20	17.15	17.16		
10	16QAM	50	0	17.23	17.28	17.17		
10	64QAM	1	0	17.20	17.43	17.15	18.2	0
10	64QAM	1	25	17.29	17.21	17.31		
10	64QAM	1	49	17.20	17.32	17.33		
10	64QAM	25	0	17.32	17.32	17.19	18.2	0
10	64QAM	25	12	17.10	17.19	17.26		
10	64QAM	25	25	17.27	17.16	17.17		
10	64QAM	50	0	17.33	17.28	17.20		
10	256QAM	1	0	17.17	17.40	17.20	18.2	0
10	256QAM	1	25	17.28	17.21	17.35		
10	256QAM	1	49	17.18	17.31	17.30		
10	256QAM	25	0	17.23	17.22	17.31	18.2	0
10	256QAM	25	12	17.21	17.21	17.28		
10	256QAM	25	25	17.27	17.21	17.08		
10	256QAM	50	0	17.28	17.28	17.10		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.33	17.47	17.31	18.2	0
5	QPSK	1	12	17.39	17.35	17.31		
5	QPSK	1	24	17.15	17.40	17.36		
5	QPSK	12	0	17.37	17.35	17.29	18.2	0
5	QPSK	12	7	17.20	17.28	17.29		
5	QPSK	12	13	17.26	17.28	17.21		
5	QPSK	25	0	17.35	17.33	17.27		
5	16QAM	1	0	17.15	17.37	17.15	18.2	0
5	16QAM	1	12	17.31	17.24	17.31		
5	16QAM	1	24	17.19	17.36	17.37		
5	16QAM	12	0	17.35	17.28	17.17	18.2	0
5	16QAM	12	7	17.11	17.32	17.26		
5	16QAM	12	13	17.17	17.14	17.14		
5	16QAM	25	0	17.26	17.31	17.24		
5	64QAM	1	0	17.20	17.36	17.21	18.2	0
5	64QAM	1	12	17.26	17.26	17.26		
5	64QAM	1	24	17.18	17.31	17.38		
5	64QAM	12	0	17.32	17.30	17.19	18.2	0
5	64QAM	12	7	17.15	17.18	17.22		
5	64QAM	12	13	17.24	17.19	17.16		
5	64QAM	25	0	17.32	17.31	17.18		
5	256QAM	1	0	17.23	17.40	17.20	18.2	0
5	256QAM	1	12	17.24	17.27	17.34		
5	256QAM	1	24	17.15	17.39	17.29		
5	256QAM	12	0	17.27	17.24	17.22	18.2	0
5	256QAM	12	7	17.21	17.24	17.26		
5	256QAM	12	13	17.29	17.24	17.15		
5	256QAM	25	0	17.25	17.31	17.14		

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

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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	3600	3540		
20	QPSK	1	0	15.79	15.63	15.63	16.5	0
20	QPSK	1	49	15.60	15.70	15.67		
20	QPSK	1	99	15.59	15.79	15.62		
20	QPSK	50	0	15.68	15.81	15.59	16.5	0
20	QPSK	50	24	15.69	15.69	15.56		
20	QPSK	50	50	15.65	15.80	15.62		
20	QPSK	100	0	15.75	15.76	15.67		
20	16QAM	1	0	15.70	15.80	15.61	16.5	0
20	16QAM	1	49	15.58	15.59	15.62		
20	16QAM	1	99	15.58	15.69	15.55		
20	16QAM	50	0	15.66	15.76	15.56	16.5	0
20	16QAM	50	24	15.57	15.58	15.45		
20	16QAM	50	50	15.58	15.69	15.55		
20	16QAM	100	0	15.68	15.69	15.59		
20	64QAM	1	0	15.70	15.75	15.59	16.5	0
20	64QAM	1	49	15.57	15.66	15.60		
20	64QAM	1	99	15.53	15.69	15.57		
20	64QAM	50	0	15.64	15.73	15.49	16.5	0
20	64QAM	50	24	15.52	15.63	15.47		
20	64QAM	50	50	15.57	15.78	15.55		
20	64QAM	100	0	15.66	15.73	15.66		
20	256QAM	1	0	15.71	15.74	15.61	16.5	0
20	256QAM	1	49	15.55	15.65	15.64		
20	256QAM	1	99	15.51	15.75	15.60		
20	256QAM	50	0	15.66	15.76	15.49	16.5	0
20	256QAM	50	24	15.54	15.58	15.51		
20	256QAM	50	50	15.55	15.69	15.52		
20	256QAM	100	0	15.68	15.68	15.65		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3600	3742.5		
15	QPSK	1	0	15.70	15.76	15.55	16.5	0
15	QPSK	1	37	15.54	15.64	15.59		
15	QPSK	1	74	15.53	15.73	15.59		
15	QPSK	36	0	15.66	15.76	15.49	16.5	0
15	QPSK	36	20	15.55	15.64	15.54		
15	QPSK	36	39	15.63	15.73	15.58		
15	QPSK	75	0	15.66	15.70	15.56		
15	16QAM	1	0	15.60	15.77	15.57	16.5	0
15	16QAM	1	37	15.55	15.50	15.58		
15	16QAM	1	74	15.54	15.61	15.53		
15	16QAM	36	0	15.55	15.71	15.50	16.5	0
15	16QAM	36	20	15.51	15.56	15.42		
15	16QAM	36	39	15.47	15.62	15.45		
15	16QAM	75	0	15.63	15.65	15.58		
15	64QAM	1	0	15.60	15.73	15.57	16.5	0
15	64QAM	1	37	15.52	15.58	15.56		
15	64QAM	1	74	15.48	15.62	15.50		
15	64QAM	36	0	15.55	15.65	15.40	16.5	0
15	64QAM	36	20	15.43	15.56	15.43		
15	64QAM	36	39	15.48	15.68	15.45		
15	64QAM	75	0	15.65	15.68	15.63		
15	256QAM	1	0	15.70	15.68	15.59	16.5	0
15	256QAM	1	37	15.49	15.61	15.58		
15	256QAM	1	74	15.46	15.74	15.57		
15	256QAM	36	0	15.57	15.69	15.47	16.5	0
15	256QAM	36	20	15.45	15.56	15.49		
15	256QAM	36	39	15.53	15.62	15.42		
15	256QAM	75	0	15.61	15.58	15.60		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3630	3545		
10	QPSK	1	0	15.77	15.79	15.57	16.5	0
10	QPSK	1	25	15.50	15.66	15.60		
10	QPSK	1	49	15.50	15.74	15.55		
10	QPSK	25	0	15.61	15.71	15.56	16.5	0
10	QPSK	25	12	15.58	15.61	15.52		
10	QPSK	25	25	15.60	15.78	15.57		
10	QPSK	50	0	15.73	15.73	15.65		
10	16QAM	1	0	15.67	15.70	15.51	16.5	0
10	16QAM	1	25	15.49	15.51	15.57		
10	16QAM	1	49	15.49	15.63	15.50		
10	16QAM	25	0	15.64	15.66	15.49	16.5	0
10	16QAM	25	12	15.51	15.51	15.36		
10	16QAM	25	25	15.57	15.62	15.52		
10	16QAM	50	0	15.66	15.60	15.50		
10	64QAM	1	0	15.66	15.69	15.49	16.5	0
10	64QAM	1	25	15.49	15.63	15.53		
10	64QAM	1	49	15.50	15.62	15.51		
10	64QAM	25	0	15.57	15.69	15.42	16.5	0
10	64QAM	25	12	15.41	15.53	15.40		
10	64QAM	25	25	15.52	15.71	15.45		
10	64QAM	50	0	15.56	15.64	15.62		
10	256QAM	1	0	15.67	15.73	15.52	16.5	0
10	256QAM	1	25	15.51	15.60	15.59		
10	256QAM	1	49	15.46	15.66	15.50		
10	256QAM	25	0	15.61	15.66	15.47	16.5	0
10	256QAM	25	12	15.47	15.57	15.42		
10	256QAM	25	25	15.45	15.64	15.44		
10	256QAM	50	0	15.62	15.60	15.58		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3600	3547.5		
5	QPSK	1	0	15.78	15.74	15.52	16.5	0
5	QPSK	1	12	15.50	15.68	15.66		
5	QPSK	1	24	15.51	15.76	15.57		
5	QPSK	12	0	15.61	15.75	15.54	16.5	0
5	QPSK	12	7	15.54	15.66	15.52		
5	QPSK	12	13	15.61	15.73	15.54		
5	QPSK	25	0	15.67	15.69	15.59		
5	16QAM	1	0	15.60	15.75	15.50	16.5	0
5	16QAM	1	12	15.47	15.49	15.58		
5	16QAM	1	24	15.52	15.61	15.53		
5	16QAM	12	0	15.57	15.75	15.54	16.5	0
5	16QAM	12	7	15.51	15.56	15.42		
5	16QAM	12	13	15.47	15.67	15.46		
5	16QAM	25	0	15.57	15.61	15.48		
5	64QAM	1	0	15.62	15.66	15.56	16.5	0
5	64QAM	1	12	15.54	15.58	15.53		
5	64QAM	1	24	15.51	15.64	15.49		
5	64QAM	12	0	15.62	15.67	15.43	16.5	0
5	64QAM	12	7	15.43	15.61	15.41		
5	64QAM	12	13	15.47	15.74	15.54		
5	64QAM	25	0	15.63	15.70	15.58		
5	256QAM	1	0	15.69	15.71	15.56	16.5	0
5	256QAM	1	12	15.51	15.55	15.62		
5	256QAM	1	24	15.50	15.69	15.54		
5	256QAM	12	0	15.55	15.72	15.48	16.5	0
5	256QAM	12	7	15.49	15.48	15.42		
5	256QAM	12	13	15.46	15.64	15.43		
5	256QAM	25	0	15.65	15.63	15.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	15.06	15.23	15.01	15.05	16.5	0
20	QPSK	1	49	15.15	15.18	15.21	15.12		
20	QPSK	1	99	15.03	15.21	15.06	15.10		
20	QPSK	50	0	15.12	15.18	15.16	15.10	16.5	0
20	QPSK	50	24	15.16	15.10	15.08	15.14		
20	QPSK	50	50	15.06	15.14	15.04	15.16		
20	QPSK	100	0	15.16	15.19	15.07	15.11		
20	16QAM	1	0	15.02	15.19	15.00	15.00	16.5	0
20	16QAM	1	49	15.14	15.15	15.15	15.10		
20	16QAM	1	99	15.21	15.18	15.05	15.07		
20	16QAM	50	0	15.09	15.16	15.10	15.06	16.5	0
20	16QAM	50	24	15.11	15.09	15.02	15.11		
20	16QAM	50	50	15.01	15.11	15.01	15.11		
20	16QAM	100	0	15.14	15.15	15.03	15.07		
20	64QAM	1	0	15.04	15.21	15.15	15.01	16.5	0
20	64QAM	1	49	15.09	15.14	15.15	15.09		
20	64QAM	1	99	15.21	15.17	15.00	15.08		
20	64QAM	50	0	15.07	15.14	15.09	15.05	16.5	0
20	64QAM	50	24	15.10	15.07	15.03	15.10		
20	64QAM	50	50	15.00	15.08	15.00	15.12		
20	64QAM	100	0	15.15	15.15	15.02	15.07		
20	256QAM	1	0	15.01	15.20	15.15	15.01	16.5	0
20	256QAM	1	49	15.09	15.14	15.15	15.05		
20	256QAM	1	99	15.16	15.15	15.03	15.06		
20	256QAM	50	0	15.09	15.13	15.15	15.04	16.5	0
20	256QAM	50	24	15.12	15.08	15.06	15.11		
20	256QAM	50	50	15.04	15.10	15.15	15.15		
20	256QAM	100	0	15.10	15.16	15.01	15.07		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	15.03	15.22	15.12	15.01	16.5	0
15	QPSK	1	37	15.10	15.14	15.18	15.09		
15	QPSK	1	74	15.22	15.18	15.04	15.09		
15	QPSK	36	0	15.09	15.14	15.13	15.08	16.5	0
15	QPSK	36	20	15.13	15.06	15.04	15.13		
15	QPSK	36	39	15.03	15.11	15.12	15.13		
15	QPSK	75	0	15.14	15.17	15.03	15.09		
15	16QAM	1	0	15.00	15.16	15.12	15.12	16.5	0
15	16QAM	1	37	15.12	15.12	15.11	15.06		
15	16QAM	1	74	15.20	15.16	15.00	15.04		
15	16QAM	36	0	15.07	15.13	15.05	15.05	16.5	0
15	16QAM	36	20	15.07	15.07	15.00	15.06		
15	16QAM	36	39	15.12	15.08	15.12	15.08		
15	16QAM	75	0	15.09	15.11	15.02	15.05		
15	64QAM	1	0	15.01	15.17	15.11	15.12	16.5	0
15	64QAM	1	37	15.06	15.11	15.12	15.07		
15	64QAM	1	74	15.17	15.12	15.12	15.06		
15	64QAM	36	0	15.05	15.11	15.06	15.03	16.5	0
15	64QAM	36	20	15.07	15.03	15.01	15.06		
15	64QAM	36	39	15.12	15.07	15.12	15.08		
15	64QAM	75	0	15.11	15.10	15.01	15.04		
15	256QAM	1	0	15.12	15.18	15.12	15.12	16.5	0
15	256QAM	1	37	15.08	15.11	15.10	15.03		
15	256QAM	1	74	15.11	15.11	15.12	15.05		
15	256QAM	36	0	15.05	15.10	15.11	15.12	16.5	0
15	256QAM	36	20	15.09	15.07	15.04	15.06		
15	256QAM	36	39	15.00	15.09	15.13	15.12		
15	256QAM	75	0	15.08	15.12	15.12	15.03		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	15.02	15.21	15.00	15.02	16.5	0
10	QPSK	1	25	15.11	15.14	15.18	15.10		
10	QPSK	1	49	15.20	15.17	15.03	15.07		
10	QPSK	25	0	15.11	15.14	15.12	15.05	16.5	0
10	QPSK	25	12	15.13	15.08	15.06	15.13		
10	QPSK	25	25	15.02	15.10	15.00	15.11		
10	QPSK	50	0	15.15	15.16	15.05	15.09		
10	16QAM	1	0	15.12	15.14	15.12	15.12	16.5	0
10	16QAM	1	25	15.10	15.10	15.11	15.08		
10	16QAM	1	49	15.19	15.17	15.03	15.04		
10	16QAM	25	0	15.05	15.14	15.08	15.03	16.5	0
10	16QAM	25	12	15.06	15.06	15.12	15.09		
10	16QAM	25	25	15.00	15.10	15.01	15.07		
10	16QAM	50	0	15.09	15.10	15.01	15.05		
10	64QAM	1	0	15.02	15.19	15.10	15.00	16.5	0
10	64QAM	1	25	15.04	15.10	15.12	15.08		
10	64QAM	1	49	15.17	15.15	15.01	15.05		
10	64QAM	25	0	15.05	15.11	15.04	15.01	16.5	0
10	64QAM	25	12	15.06	15.02	15.00	15.07		
10	64QAM	25	25	15.12	15.03	15.12	15.09		
10	64QAM	50	0	15.10	15.11	15.01	15.05		
10	256QAM	1	0	15.01	15.18	15.12	15.12	16.5	0
10	256QAM	1	25	15.05	15.11	15.14	15.02		
10	256QAM	1	49	15.11	15.12	15.01	15.04		
10	256QAM	25	0	15.04	15.09	15.13	15.00	16.5	0
10	256QAM	25	12	15.07	15.04	15.01	15.08		
10	256QAM	25	25	15.12	15.07	15.10	15.12		
10	256QAM	50	0	15.08	15.12	15.12	15.02		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	15.01	15.21	15.00	15.03	16.5	0
5	QPSK	1	12	15.13	15.15	15.18	15.11		
5	QPSK	1	24	15.20	15.17	15.04	15.06		
5	QPSK	12	0	15.08	15.17	15.12	15.08	16.5	0
5	QPSK	12	7	15.12	15.06	15.03	15.11		
5	QPSK	12	13	15.05	15.13	15.00	15.11		
5	QPSK	25	0	15.14	15.17	15.04	15.09		
5	16QAM	1	0	15.01	15.16	15.12	15.04	16.5	0
5	16QAM	1	12	15.12	15.11	15.11	15.05		
5	16QAM	1	24	15.19	15.16	15.03	15.06		
5	16QAM	12	0	15.04	15.11	15.08	15.01	16.5	0
5	16QAM	12	7	15.06	15.05	15.00	15.07		
5	16QAM	12	13	15.01	15.09	15.11	15.08		
5	16QAM	25	0	15.09	15.10	15.12	15.03		
5	64QAM	1	0	15.01	15.18	15.11	15.04	16.5	0
5	64QAM	1	12	15.06	15.10	15.12	15.04		
5	64QAM	1	24	15.20	15.13	15.12	15.05		
5	64QAM	12	0	15.04	15.09	15.07	15.04	16.5	0
5	64QAM	12	7	15.06	15.05	15.02	15.08		
5	64QAM	12	13	15.01	15.05	15.12	15.11		
5	64QAM	25	0	15.12	15.12	15.00	15.05		
5	256QAM	1	0	15.01	15.17	15.14	15.09	16.5	0
5	256QAM	1	12	15.07	15.12	15.11	15.11		
5	256QAM	1	24	15.11	15.14	15.00	15.01		
5	256QAM	12	0	15.05	15.09	15.12	15.04	16.5	0
5	256QAM	12	7	15.08	15.06	15.01	15.07		
5	256QAM	12	13	15.00	15.06	15.11	15.11		
5	256QAM	25	0	15.09	15.14	15.01	15.05		

Reduced Power Mode for SA DSI 6

	GSM850 Ant0 DSI6							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.84	32.90	32.87	34.50	23.84	23.90	23.87	25.50
GPRS 1 Tx slot	32.89	32.91	32.81	34.50	23.89	23.91	23.81	25.50
GPRS 2 Tx slots	30.16	30.18	30.17	31.50	24.16	24.18	24.17	25.50
GPRS 3 Tx slots	28.23	28.31	28.22	29.70	23.97	24.05	23.96	25.44
GPRS 4 Tx slots	27.13	27.15	27.08	28.50	24.13	24.15	24.08	25.50
EDGE 1 Tx slot	27.29	27.31	27.28	28.50	18.29	18.31	18.28	19.50
EDGE 2 Tx slots	24.91	24.94	24.91	25.50	18.91	18.94	18.91	19.50
EDGE 3 Tx slots	23.13	23.18	23.16	23.70	18.87	18.92	18.90	19.44
EDGE 4 Tx slots	21.68	21.73	21.72	22.50	18.68	18.73	18.72	19.50

		WCDMA V Ant0 DSI6				WCDMA IV Ant0 DSI6			
Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.85	24.84	24.82	25.70	21.46	21.60	21.46	23.30
3GPP Rel 99	RMC 12.2Kbps	24.91	24.95	24.93	25.70	21.59	21.71	21.57	23.30
3GPP Rel 6	HSDPA Subtest-1	23.71	24.01	23.75	24.70	20.58	20.91	20.60	21.30
3GPP Rel 6	HSDPA Subtest-2	23.66	23.86	23.82	24.70	20.59	20.73	20.78	21.30
3GPP Rel 6	HSDPA Subtest-3	23.16	23.27	23.21	24.20	20.05	20.14	20.09	20.80
3GPP Rel 6	HSDPA Subtest-4	23.31	23.25	23.16	24.20	20.23	20.12	20.07	20.80
3GPP Rel 8	DC-HSDPA Subtest-1	23.61	23.69	23.63	24.70	20.50	20.66	20.57	21.30
3GPP Rel 8	DC-HSDPA Subtest-2	23.64	23.85	23.73	24.70	20.49	20.76	20.68	21.30
3GPP Rel 8	DC-HSDPA Subtest-3	23.33	23.36	23.30	24.20	20.23	20.23	20.19	20.80
3GPP Rel 8	DC-HSDPA Subtest-4	23.36	23.25	23.17	24.20	20.30	20.15	20.11	20.80
3GPP Rel 6	HSUPA Subtest-1	23.79	24.00	23.80	24.70	20.64	20.84	20.79	21.30
3GPP Rel 6	HSUPA Subtest-2	21.77	21.76	21.89	22.70	18.65	18.69	18.77	19.30
3GPP Rel 6	HSUPA Subtest-3	22.75	22.90	22.80	23.70	19.64	19.84	19.78	20.30
3GPP Rel 6	HSUPA Subtest-4	21.83	21.94	21.62	22.70	18.54	18.87	18.50	19.30
3GPP Rel 6	HSUPA Subtest-5	23.55	23.88	23.76	24.70	20.48	20.80	20.59	21.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.27	21.32	21.21	22.20	18.07	18.17	18.12	18.80

Band 4 Ant0 Other PA DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.92	22.26	21.98		
20	QPSK	1	49	21.97	22.05	21.94	22.7	0
20	QPSK	1	99	21.9	22.05	21.99		
20	QPSK	50	0	21.96	22.19	22.06		
20	QPSK	50	24	21.94	22.08	22.05	22.7	0
20	QPSK	50	50	21.9	22.12	22.06		
20	QPSK	100	0	22.04	22.12	22.1		
20	16QAM	1	0	21.84	22.18	21.88		
20	16QAM	1	49	21.87	21.96	21.85	22.7	0
20	16QAM	1	99	21.8	21.96	21.88		
20	16QAM	50	0	21.86	22.09	21.99		
20	16QAM	50	24	21.82	21.98	21.99	22.7	0
20	16QAM	50	50	21.82	22	21.95		
20	16QAM	100	0	21.93	22	22.01		
20	64QAM	1	0	21.83	22.17	21.88		
20	64QAM	1	49	21.85	21.94	21.87	22.7	0
20	64QAM	1	99	21.79	21.99	21.92		
20	64QAM	50	0	21.88	22.11	21.99		
20	64QAM	50	24	21.83	21.97	21.95	22.7	0
20	64QAM	50	50	21.78	22.03	21.94		
20	64QAM	100	0	21.97	22.02	21.98		
20	256QAM	1	0	19.94	20.27	19.95		
20	256QAM	1	49	19.95	20.05	19.92	20.7	2
20	256QAM	1	99	19.92	20.03	19.96		
20	256QAM	50	0	19.94	20.18	20.05		
20	256QAM	50	24	19.92	20.09	20.05	20.7	2
20	256QAM	50	50	19.93	20.1	20.07		
20	256QAM	100	0	20.01	20.14	20.12		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.85	22.18	21.88		
15	QPSK	1	37	21.89	21.95	21.82	22.7	0
15	QPSK	1	74	21.82	21.97	21.87		
15	QPSK	36	0	21.87	22.1	21.98		
15	QPSK	36	20	21.82	21.98	21.95	22.7	0
15	QPSK	36	39	21.81	22.01	21.96		
15	QPSK	75	0	21.96	22.03	21.99		
15	16QAM	1	0	21.76	22.09	21.76		
15	16QAM	1	37	21.76	21.88	21.77	22.7	0
15	16QAM	1	74	21.72	21.89	21.78		
15	16QAM	36	0	21.75	22.03	21.92		
15	16QAM	36	20	21.75	21.88	21.9	22.7	0
15	16QAM	36	39	21.71	21.93	21.84		
15	16QAM	75	0	21.85	21.92	21.94		
15	64QAM	1	0	21.74	22.06	21.82		
15	64QAM	1	37	21.78	21.84	21.78	22.7	0
15	64QAM	1	74	21.72	21.89	21.84		
15	64QAM	36	0	21.81	22	21.92		
15	64QAM	36	20	21.72	21.9	21.83	22.7	0
15	64QAM	36	39	21.68	21.95	21.84		
15	64QAM	75	0	21.86	21.91	21.9		
15	256QAM	1	0	19.84	20.18	19.85		
15	256QAM	1	37	19.86	19.96	19.83	20.7	2
15	256QAM	1	74	19.81	19.92	19.89		
15	256QAM	36	0	19.84	20.09	19.95		
15	256QAM	36	20	19.84	20.01	19.96	20.7	2
15	256QAM	36	39	19.83	20.03	19.99		
15	256QAM	75	0	19.94	20.05	20.05		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.85	22.16	21.91		
10	QPSK	1	25	21.87	21.97	21.83	22.7	0
10	QPSK	1	49	21.78	21.96	21.9		
10	QPSK	25	0	21.89	22.13	21.97		
10	QPSK	25	12	21.86	21.97	21.95	22.7	0
10	QPSK	25	25	21.8	22	21.99		
10	QPSK	50	0	21.94	22.04	22.01		
10	16QAM	1	0	21.77	22.07	21.79		
10	16QAM	1	25	21.77	21.89	21.76	22.7	0
10	16QAM	1	49	21.73	21.87	21.8		
10	16QAM	25	0	21.79	21.99	21.92		
10	16QAM	25	12	21.72	21.91	21.91	22.7	0
10	16QAM	25	25	21.71	21.93	21.85		
10	16QAM	50	0	21.84	21.89	21.92		
10	64QAM	1	0	21.74	22.1	21.76		
10	64QAM	1	25	21.76	21.82	21.8	22.7	0
10	64QAM	1	49	21.7	21.93	21.86		
10	64QAM	25	0	21.79	22.03	21.88		
10	64QAM	25	12	21.72	21.85	21.87	22.7	0
10	64QAM	25	25	21.68	21.92	21.84		
10	64QAM	50	0	21.86	21.92	21.89		
10	256QAM	1	0	19.86	20.1	19.96		
10	256QAM	1	25	19.83	19.99	19.8	20.7	2
10	256QAM	1	49	19.81	19.96	19.88		
10	256QAM	25	0	19.88	20.12	19.98		
10	256QAM	25	12	19.81	20.02	19.95	20.7	2
10	256QAM	25	25	19.83	20.02	19.95		
10	256QAM	50	0	19.9	20.07	20.05		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.8	22.14	21.89		
5	QPSK	1	12	21.89	21.98	21.85	22.7	0
5	QPSK	1	24	21.8	21.94	21.91		
5	QPSK	12	0	21.87	22.09	21.97		
5	QPSK	12	7	21.87	21.99	21.96	22.7	0
5	QPSK	12	13	21.83	22.05	21.99		
5	QPSK	25	0	21.98	22.01	22.02		
5	16QAM	1	0	21.74	22.08	21.78		
5	16QAM	1	12	21.81	21.84	21.78	22.7	0
5	16QAM	1	24	21.74	21.87	21.78		
5	16QAM	12	0	21.78	21.97	21.88		
5	16QAM	12	7	21.75	21.9	21.91	22.7	0
5	16QAM	12	13	21.74	21.91	21.85		
5	16QAM	25	0	21.83	21.94	21.94		
5	64QAM	1	0	21.74	22.06	21.77		
5	64QAM	1	12	21.74	21.87	21.75	22.7	0
5	64QAM	1	24	21.71	21.9	21.84		
5	64QAM	12	0	21.79	22.05	21.9		
5	64QAM	12	7	21.77	21.9	21.86	22.7	0
5	64QAM	12	13	21.71	21.95	21.84		
5	64QAM	25	0	21.88	21.95	21.86		
5	256QAM	1	0	19.96	20.19	19.87		
5	256QAM	1	12	19.88	19.98	19.83	20.7	2
5	256QAM	1	24	19.81	19.94	19.86		
5	256QAM	12	0	19.82	20.11	19.98		
5	256QAM	12	7	19.81	19.97	19.94	20.7	2
5	256QAM	12	13	19.82	20.03	19.96		
5	256QAM	25	0	19.91	20.02	20.03		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.85	22.17	21.9		
3	QPSK	1	8	21.89	21.94	21.83	22.7	0
3	QPSK	1	14	21.82	21.95	21.88		
3	QPSK	8	0	21.85	22.1	21.99		
3	QPSK	8	4	21.85	22.01	21.93	22.7	0
3	QPSK	8	7	21.81	22.02	21.94		
3	QPSK	15	0	21.97	22	22.03		
3	16QAM	1	0	21.73	22.12	21.8		
3	16QAM	1	8	21.77	21.89	21.77	22.7	0
3	16QAM	1	14	21.69	21.85	21.79		
3	16QAM	8	0	21.75	22	21.92		
3	16QAM	8	4	21.72	21.88	21.87	22.7	0
3	16QAM	8	7	21.74	21.93	21.86		
3	16QAM	15	0	21.81	21.91	21.89		
3	64QAM	1	0	21.76	22.09	21.82		
3	64QAM	1	8	21.75	21.82	21.75	22.7	0
3	64QAM	1	14	21.72	21.9	21.81		
3	64QAM	8	0	21.8	22	21.93		
3	64QAM	8	4	21.76	21.87	21.88	22.7	0
3	64QAM	8	7	21.71	21.96	21.87		
3	64QAM	15	0	21.89	21.91	21.86		
3	256QAM	1	0	19.86	20.17	19.83		
3	256QAM	1	8	19.85	19.94	19.85	20.7	2
3	256QAM	1	14	19.82	19.93	19.87		
3	256QAM	8	0	19.83	20.11	19.94		
3	256QAM	8	4	19.82	20.01	19.97	20.7	2
3	256QAM	8	7	19.86	20.03	19.98		
3	256QAM	15	0	19.89	20.05	20.06		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.82	22.15	21.89		
1.4	QPSK	1	3	21.88	21.99	21.83		
1.4	QPSK	1	5	21.79	21.94	21.92	22.7	0
1.4	QPSK	3	0	21.84	22.12	21.95		
1.4	QPSK	3	1	21.86	21.98	21.95		
1.4	QPSK	3	3	21.83	22.04	21.99		
1.4	QPSK	6	0	21.92	22.01	21.98	22.7	0
1.4	16QAM	1	0	21.75	22.09	21.78		
1.4	16QAM	1	3	21.8	21.89	21.79		
1.4	16QAM	1	5	21.69	21.87	21.78	22.7	0
1.4	16QAM	3	0	21.75	21.99	21.89		
1.4	16QAM	3	1	21.72	21.9	21.88		
1.4	16QAM	3	3	21.74	21.91	21.83		
1.4	16QAM	6	0	21.84	21.88	21.91	22.7	0
1.4	64QAM	1	0	21.76	22.09	21.8		
1.4	64QAM	1	3	21.74	21.86	21.76		
1.4	64QAM	1	5	21.7	21.92	21.84	22.7	0
1.4	64QAM	3	0	21.8	22.03	21.9		
1.4	64QAM	3	1	21.77	21.9	21.86		
1.4	64QAM	3	3	21.66	21.94	21.86		
1.4	64QAM	6	0	21.88	21.94	21.88	22.7	0
1.4	256QAM	1	0	19.85	20.15	19.84		
1.4	256QAM	1	3	19.84	19.96	19.85		
1.4	256QAM	1	5	19.85	19.93	19.89	20.7	2
1.4	256QAM	3	0	19.83	20.09	19.98		
1.4	256QAM	3	1	19.83	19.98	19.97		
1.4	256QAM	3	3	19.83	20.02	19.98		
1.4	256QAM	6	0	19.94	20.07	20.03	20.7	2

Band 5 Ant0 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.89	24.93	24.9		
10	QPSK	1	25	24.87	24.89	24.84	25.7	0
10	QPSK	1	49	24.77	24.82	24.74		
10	QPSK	25	0	23.87	23.79	23.71		
10	QPSK	25	12	23.71	23.78	23.72	24.7	1
10	QPSK	25	25	23.65	23.72	23.69		
10	QPSK	50	0	23.78	23.81	23.79		
10	16QAM	1	0	24.02	24.07	24.01		
10	16QAM	1	25	23.89	23.99	23.9	24.7	1
10	16QAM	1	49	23.93	23.98	23.9		
10	16QAM	25	0	24.02	24.02	24.02		
10	16QAM	25	12	22.75	22.83	22.72	23.7	2
10	16QAM	25	25	22.77	22.79	22.73		
10	16QAM	50	0	22.77	22.84	22.76		
10	64QAM	1	0	23.02	23.09	23		
10	64QAM	1	25	22.76	22.79	22.76	23.7	2
10	64QAM	1	49	22.81	22.83	22.79		
10	64QAM	25	0	21.9	21.96	21.91		
10	64QAM	25	12	21.83	21.94	21.9	22.7	3
10	64QAM	25	25	21.89	21.93	21.85		
10	64QAM	50	0	21.84	21.89	21.85		
10	256QAM	1	0	19.71	19.81	19.76		
10	256QAM	1	25	19.67	19.73	19.7	20.7	5
10	256QAM	1	49	19.67	19.76	19.74		
10	256QAM	25	0	19.89	19.77	19.69		
10	256QAM	25	12	19.7	19.76	19.71	20.7	5
10	256QAM	25	25	19.67	19.75	19.66		
10	256QAM	50	0	19.71	19.79	19.71		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.79	24.85	24.88		
5	QPSK	1	12	24.83	24.83	24.79	25.7	0
5	QPSK	1	24	24.71	24.77	24.7		
5	QPSK	12	0	23.81	23.67	23.65		
5	QPSK	12	7	23.67	23.66	23.64	24.7	1
5	QPSK	12	13	23.64	23.63	23.65		
5	QPSK	25	0	23.67	23.8	23.74		
5	16QAM	1	0	23.94	24.05	23.97		
5	16QAM	1	12	23.85	23.95	23.85	24.7	1
5	16QAM	1	24	23.91	23.88	23.82		
5	16QAM	12	0	22.7	22.78	22.74		
5	16QAM	12	7	22.64	22.77	22.64	23.7	2
5	16QAM	12	13	22.68	22.69	22.64		
5	16QAM	25	0	22.74	22.78	22.69		
5	64QAM	1	0	22.93	23.02	22.95		
5	64QAM	1	12	22.75	22.74	22.7	23.7	2
5	64QAM	1	24	22.73	22.82	22.76		
5	64QAM	12	0	21.84	21.89	21.89		
5	64QAM	12	7	21.73	21.87	21.84	22.7	3
5	64QAM	12	13	21.87	21.86	21.77		
5	64QAM	25	0	21.75	21.85	21.83		
5	256QAM	1	0	19.66	19.8	19.66		
5	256QAM	1	12	19.62	19.68	19.66	20.7	5
5	256QAM	1	24	19.57	19.65	19.66		
5	256QAM	12	0	19.61	19.72	19.58		
5	256QAM	12	7	19.62	19.71	19.63	20.7	5
5	256QAM	12	13	19.61	19.65	19.63		
5	256QAM	25	0	19.66	19.77	19.63		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				823.5	836.5	847.5		
3	QPSK	1	0	24.81	24.83	24.83		
3	QPSK	1	8	24.8	24.82	24.82	25.7	0
3	QPSK	1	14	24.68	24.72	24.64		
3	QPSK	8	0	23.63	23.68	23.69		
3	QPSK	8	4	23.62	23.7	23.62	24.7	1
3	QPSK	8	7	23.55	23.66	23.67		
3	QPSK	15	0	23.72	23.74	23.72		
3	16QAM	1	0	23.97	24	23.96		
3	16QAM	1	8	23.84	23.92	23.85	24.7	1
3	16QAM	1	14	23.87	23.87	23.87		
3	16QAM	8	0	22.71	22.81	22.72		
3	16QAM	8	4	22.65	22.77	22.69	23.7	2
3	16QAM	8	7	22.69	22.71	22.65		
3	16QAM	15	0	22.55	22.66	22.67		
3	64QAM	1	0	22.94	23.02	22.93		
3	64QAM	1	8	22.67	22.76	22.71	23.7	2
3	64QAM	1	14	22.75	22.76	22.71		
3	64QAM	8	0	21.88	21.87	21.89		
3	64QAM	8	4	21.79	21.91	21.84	22.7	3
3	64QAM	8	7	21.86	21.89	21.82		
3	64QAM	15	0	21.81	21.86	21.8		
3	256QAM	1	0	19.63	19.74	19.66		
3	256QAM	1	8	19.58	19.64	19.67	20.7	5
3	256QAM	1	14	19.59	19.75	19.7		
3	256QAM	8	0	19.58	19.75	19.58		
3	256QAM	8	4	19.61	19.67	19.64	20.7	5
3	256QAM	8	7	19.6	19.71	19.63		
3	256QAM	15	0	19.69	19.73	19.63		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.75	24.8	24.87		
1.4	QPSK	1	3	24.79	24.7	24.62		
1.4	QPSK	1	5	24.62	24.8	24.6	25.7	0
1.4	QPSK	3	0	24.81	24.84	24.8		
1.4	QPSK	3	1	24.74	24.74	24.65		
1.4	QPSK	3	3	24.61	24.72	24.62		
1.4	QPSK	6	0	23.7	23.73	23.73	24.7	1
1.4	16QAM	1	0	23.99	24.02	23.93		
1.4	16QAM	1	3	23.88	23.89	23.89		
1.4	16QAM	1	5	23.87	23.96	23.8	24.7	1
1.4	16QAM	3	0	23.63	23.71	23.71		
1.4	16QAM	3	1	23.62	23.68	23.67		
1.4	16QAM	3	3	23.66	23.71	23.64		
1.4	16QAM	6	0	22.67	22.75	22.69	23.7	2
1.4	64QAM	1	0	22.94	22.98	22.98		
1.4	64QAM	1	3	22.74	22.74	22.7		
1.4	64QAM	1	5	22.73	22.77	22.77	23.7	2
1.4	64QAM	3	0	22.6	22.71	22.66		
1.4	64QAM	3	1	22.58	22.68	22.66		
1.4	64QAM	3	3	22.62	22.65	22.61		
1.4	64QAM	6	0	21.8	21.81	21.82	22.7	3
1.4	256QAM	1	0	19.65	19.74	19.69		
1.4	256QAM	1	3	19.59	19.72	19.61		
1.4	256QAM	1	5	19.62	19.72	19.63	20.7	5
1.4	256QAM	3	0	19.64	19.75	19.66		
1.4	256QAM	3	1	19.69	19.72	19.62		
1.4	256QAM	3	3	19.62	19.67	19.63		
1.4	256QAM	6	0	19.63	19.71	19.64	20.7	5

Band 7 Ant0 Other PA DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.59	22.77	22.53		
20	QPSK	1	49	22.57	22.6	22.54	23.2	0
20	QPSK	1	99	22.49	22.57	22.52		
20	QPSK	50	0	22.56	22.69	22.5		
20	QPSK	50	24	22.62	22.63	22.62	23.2	0
20	QPSK	50	50	22.52	22.61	22.63		
20	QPSK	100	0	22.5	22.68	22.62		
20	16QAM	1	0	22.47	22.68	22.44		
20	16QAM	1	49	22.48	22.53	22.44	23.2	0
20	16QAM	1	99	22.46	22.46	22.52		
20	16QAM	50	0	22.49	22.62	22.4		
20	16QAM	50	24	22.55	22.54	22.52	23.2	0
20	16QAM	50	50	22.42	22.54	22.51		
20	16QAM	100	0	22.39	22.61	22.54		
20	64QAM	1	0	22.51	22.71	22.43		
20	64QAM	1	49	22.49	22.49	22.46	23.2	0
20	64QAM	1	99	22.45	22.47	22.53		
20	64QAM	50	0	22.11	22.26	22.02		
20	64QAM	50	24	22.06	22.11	22.05	22.7	0.5
20	64QAM	50	50	22.05	22.04	22.09		
20	64QAM	100	0	22.04	22.21	21.98		
20	256QAM	1	0	20.07	20.26	20.02		
20	256QAM	1	49	20.1	20.11	20.07	20.7	2.5
20	256QAM	1	99	20.05	20.06	20.08		
20	256QAM	50	0	20.07	20.18	20.02		
20	256QAM	50	24	20.09	20.12	20.13	20.7	2.5
20	256QAM	50	50	20	20.14	20.15		
20	256QAM	100	0	20	20.16	20.14		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.51	22.68	22.41		
15	QPSK	1	37	22.45	22.52	22.48	23.2	0
15	QPSK	1	74	22.48	22.45	22.48		
15	QPSK	36	0	22.47	22.58	22.39		
15	QPSK	36	20	22.51	22.51	22.53	23.2	0
15	QPSK	36	39	22.45	22.54	22.52		
15	QPSK	75	0	22.39	22.6	22.55		
15	16QAM	1	0	22.39	22.59	22.36		
15	16QAM	1	37	22.36	22.43	22.38	23.2	0
15	16QAM	1	74	22.34	22.38	22.4		
15	16QAM	36	0	22.43	22.55	22.3		
15	16QAM	36	20	22.48	22.46	22.41	23.2	0
15	16QAM	36	39	22.34	22.48	22.4		
15	16QAM	75	0	22.3	22.49	22.47		
15	64QAM	1	0	22.41	22.64	22.36		
15	64QAM	1	37	22.39	22.39	22.37	23.2	0
15	64QAM	1	74	22.34	22.35	22.45		
15	64QAM	36	0	22	22.14	21.9		
15	64QAM	36	20	22.14	22.01	21.96	22.7	0.5
15	64QAM	36	39	21.98	21.95	21.99		
15	64QAM	75	0	21.96	22.09	21.87		
15	256QAM	1	0	19.95	20.15	19.93		
15	256QAM	1	37	19.99	20.05	19.97	20.7	2.5
15	256QAM	1	74	19.96	20	20.01		
15	256QAM	36	0	20	20.12	19.95		
15	256QAM	36	20	20.02	20.05	20.07	20.7	2.5
15	256QAM	36	39	19.92	20.06	20.08		
15	256QAM	75	0	19.92	20.08	20.06		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.49	22.67	22.47		
10	QPSK	1	25	22.46	22.5	22.44	23.2	0
10	QPSK	1	49	22.47	22.5	22.49		
10	QPSK	25	0	22.49	22.63	22.4		
10	QPSK	25	12	22.51	22.51	22.52	23.2	0
10	QPSK	25	25	22.43	22.54	22.53		
10	QPSK	50	0	22.39	22.58	22.52		
10	16QAM	1	0	22.37	22.57	22.38		
10	16QAM	1	25	22.37	22.41	22.34	23.2	0
10	16QAM	1	49	22.32

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.71	24.77	24.69	25.7	0
10	QPSK	1	25	24.73	24.75	24.71		
10	QPSK	1	49	24.68	24.73	24.68		
10	QPSK	25	0	23.66	23.76	23.69	24.7	1
10	QPSK	25	12	23.56	23.75	23.53		
10	QPSK	25	25	23.55	23.63	23.58		
10	QPSK	50	0	23.65	23.71	23.59		
10	16QAM	1	0	23.46	23.56	23.49	24.7	1
10	16QAM	1	25	23.6	23.62	23.58		
10	16QAM	1	49	23.6	23.69	23.62		
10	16QAM	25	0	22.86	22.96	22.93	23.7	2
10	16QAM	25	12	22.88	22.89	22.81		
10	16QAM	25	25	22.83	22.91	22.82		
10	16QAM	50	0	22.82	22.87	22.78		
10	64QAM	1	0	22.96	23.03	22.98	23.7	2
10	64QAM	1	25	22.9	22.91	22.88		
10	64QAM	1	49	22.79	22.89	22.83		
10	64QAM	25	0	21.79	21.85	21.8	22.7	3
10	64QAM	25	12	21.76	21.81	21.77		
10	64QAM	25	25	21.73	21.8	21.77		
10	64QAM	50	0	21.74	21.8	21.74		
10	256QAM	1	0	19.87	19.95	19.84	20.7	5
10	256QAM	1	25	19.82	19.88	19.86		
10	256QAM	1	49	19.81	19.91	19.81		
10	256QAM	25	0	19.66	19.75	19.64	20.7	5
10	256QAM	25	12	19.87	19.9	19.86		
10	256QAM	25	25	19.8	19.89	19.83		
10	256QAM	50	0	19.82	19.85	19.77		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.6	24.67	24.64	25.7	0
5	QPSK	1	12	24.69	24.7	24.61		
5	QPSK	1	24	24.65	24.64	24.6		
5	QPSK	12	0	23.59	23.63	23.63	24.7	1
5	QPSK	12	7	23.53	23.55	23.52		
5	QPSK	12	13	23.5	23.58	23.5		
5	QPSK	25	0	23.8	23.79	23.74		
5	16QAM	1	0	23.36	23.5	23.4	24.7	1
5	16QAM	1	12	23.56	23.57	23.52		
5	16QAM	1	24	23.59	23.62	23.59		
5	16QAM	12	0	22.79	22.91	22.84	23.7	2
5	16QAM	12	7	22.82	22.84	22.7		
5	16QAM	12	13	22.73	22.83	22.76		
5	16QAM	25	0	22.8	22.85	22.69		
5	64QAM	1	0	22.87	22.92	22.88	23.7	2
5	64QAM	1	12	22.82	22.83	22.81		
5	64QAM	1	24	22.73	22.8	22.74		
5	64QAM	12	0	21.71	21.81	21.72	22.7	3
5	64QAM	12	7	21.7	21.71	21.68		
5	64QAM	12	13	21.69	21.71	21.71		
5	64QAM	25	0	21.72	21.78	21.65		
5	256QAM	1	0	19.79	19.91	19.79	20.7	5
5	256QAM	1	12	19.76	19.79	19.77		
5	256QAM	1	24	19.75	19.84	19.72		
5	256QAM	12	0	19.6	19.67	19.55	20.7	5
5	256QAM	12	7	19.83	19.84	19.79		
5	256QAM	12	13	19.76	19.78	19.76		
5	256QAM	25	0	19.71	19.79	19.74		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.66	24.84	24.73	25.7	0
15	QPSK	1	37	24.73	24.8	24.79		
15	QPSK	1	74	24.81	24.76	24.74		
15	QPSK	36	0	23.84	23.91	23.83	24.7	1
15	QPSK	36	20	23.71	23.89	23.72		
15	QPSK	36	39	23.72	23.78	23.73		
15	QPSK	75	0	23.75	23.79	23.72		
15	16QAM	1	0	23.78	23.84	23.76	24.7	1
15	16QAM	1	37	23.8	23.83	23.79		
15	16QAM	1	74	23.65	23.73	23.62		
15	16QAM	36	0	22.81	22.9	22.8	23.7	2
15	16QAM	36	20	22.86	22.88	22.79		
15	16QAM	36	39	22.72	22.79	22.72		
15	16QAM	75	0	22.73	22.77	22.68		
15	64QAM	1	0	22.9	22.97	22.94	23.7	2
15	64QAM	1	37	22.73	22.82	22.71		
15	64QAM	1	74	22.81	22.82	22.77		
15	64QAM	36	0	21.82	21.84	21.79	22.7	3
15	64QAM	36	20	21.68	21.76	21.69		
15	64QAM	36	39	21.79	21.82	21.73		
15	64QAM	75	0	21.75	21.76	21.72		
15	256QAM	1	0	20.15	20.21	20.14	20.7	5
15	256QAM	1	37	20.13	20.15	20.11		
15	256QAM	1	74	20.12	20.19	20.17		
15	256QAM	36	0	19.77	19.81	19.77	20.7	5
15	256QAM	36	20	19.67	19.77	19.72		
15	256QAM	36	39	19.72	19.79	19.74		
15	256QAM	75	0	19.71	19.73	19.64		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.62	24.8	24.69	25.7	0
10	QPSK	1	25	24.64	24.75	24.71		
10	QPSK	1	49	24.58	24.66	24.68		
10	QPSK	25	0	23.82	23.83	23.81	24.7	1
10	QPSK	25	12	23.69	23.78	23.71		
10	QPSK	25	25	23.64	23.68	23.62		
10	QPSK	50	0	23.74	23.7	23.67		
10	16QAM	1	0	23.72	23.76	23.68	24.7	1
10	16QAM	1	25	23.7	23.75	23.73		
10	16QAM	1	49	23.56	23.64	23.59		
10	16QAM	25	0	22.71	22.81	22.73	23.7	2
10	16QAM	25	12	22.84	22.83	22.72		
10	16QAM	25	25	22.67	22.71	22.68		
10	16QAM	50	0	22.7	22.73	22.67		
10	64QAM	1	0	22.86	22.87	22.92	23.7	2
10	64QAM	1	25	22.7	22.76	22.68		
10	64QAM	1	49	22.7	22.78	22.67		
10	64QAM	25	0	21.76	21.83	21.68	22.7	3
10	64QAM	25	12	21.67	21.71	21.67		
10	64QAM	25	25	21.77	21.78	21.67		
10	64QAM	50	0	21.73	21.7	21.65		
10	256QAM	1	0	20.12	20.17	20.05	20.7	5
10	256QAM	1	25	20.02	20.05	20.03		
10	256QAM	1	49	20.09	20.15	20.16		
10	256QAM	25	0	19.69	19.75	19.74	20.7	5
10	256QAM	25	12	19.64	19.72	19.7		
10	256QAM	25	25	19.69	19.71	19.68		
10	256QAM	50	0	19.66	19.63	19.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.58	24.8	24.66	25.7	0
5	QPSK	1	12	24.7	24.77	24.77		
5	QPSK	1	24	24.62	24.74	24.65		
5	QPSK	12	0	23.75	23.84	23.79	24.7	1
5	QPSK	12	7	23.64	23.76	23.66		
5	QPSK	12	13	23.66	23.7	23.62		
5	QPSK	25	0	23.71	23.74	23.69		
5	16QAM	1	0	23.69	23.74	23.66	24.7	1
5	16QAM	1	12	23.73	23.77	23.76		
5	16QAM	1	24	23.58	23.68	23.54		
5	16QAM	12	0	22.76	22.81	22.76	23.7	2
5	16QAM	12	7	22.84	22.79	22.77		
5	16QAM	12	13	22.65	22.76	22.69		
5	16QAM	25	0	22.64	22.76	22.62		
5	64QAM	1	0	22.86	22.88	22.86	23.7	2
5	64QAM	1	12	22.64	22.75	22.61		
5	64QAM	1	24	22.79	22.81	22.71		
5	64QAM	12	0	21.72	21.8	21.77	22.7	3
5	64QAM	12	7	21.61	21.67	21.66		
5	64QAM	12	13	21.73	21.74	21.69		
5	64QAM	25	0	21.67	21.74	21.67		
5	256QAM	1	0	20.11	20.16	20.13	20.7	5
5	256QAM	1	12	20.11	20.11	20.09		
5	256QAM	1	24	20.11	20.14	20.14		
5	256QAM	12	0	19.74	19.71	19.7	20.7	5
5	256QAM	12	7	19.61	19.72	19.63		
5	256QAM	12	13	19.61	19.74	19.71		
5	256QAM	25	0	19.7	19.69	19.61		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.59	24.75	24.7	25.7	0
3	QPSK	1	8	24.68	24.78	24.69		
3	QPSK	1	14	24.6	24.67	24.67		
3	QPSK	8	0	23.78	23.84	23.79	24.7	1
3	QPSK	8	4	23.62	23.81	23.7		
3	QPSK	8	7	23.63	23.71	23.64		
3	QPSK	15	0	23.74	23.72	23.65		
3	16QAM	1	0	23.74	23.76	23.69	24.7	1
3	16QAM	1	8	23.74	23.72	23.69		
3	16QAM	1	14	23.59	23.71	23.59		
3	16QAM	8	0	22.78	22.8	22.7	23.7	2
3	16QAM	8	4	22.85	22.8	22.75		
3	16QAM	8	7	22.62	22.71	22.64		
3	16QAM	15	0	22.71	22.67	22.62		
3	64QAM	1	0	22.81	22.94	22.89	23.7	2
3	64QAM	1	8	22.71	22.81	22.67		
3	64QAM	1	14	22.72	22.76	22.7		
3	64QAM	8	0	21.75	21.78	21.71	22.7	3
3	64QAM	8	4	21.59	21.71	21.62		
3	64QAM	8	7	21.75	21.71	21.65		
3	64QAM	15	0	21.65	21.67	21.63		
3	256QAM	1	0	20.13	20.18	20.13	20.7	5
3	256QAM	1	8	20.07	20.08	20.04		
3	256QAM	1	14	20.07	20.14	20.09		
3	256QAM	8	0	19.68	19.73	19.67	20.7	5
3	256QAM	8	4	19.66	19.74	19.62		
3	256QAM	8	7	19.67	19.72	19.7		
3	256QAM	15	0	19.67	19.65	19.61		
Channel				26627	26865	27103	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.56	24.81	24.65	25.7	0
1.4	QPSK	1	3	24.69	24.7	24.69		
1.4	QPSK	1	5	24.63	24.67	24.72		
1.4	QPSK	3	0	24.49	24.71	24.58		
1.4	QPSK	3	1	24.62	24.65	24.58		
1.4	QPSK	3	3	24.61	24.64	24.69		
1.4	QPSK	6	0	23.72	23.69	23.63	24.7	1
1.4	16QAM	1	0	23.72	23.79	23.66	24.7	1
1.4	16QAM	1	3	23.77	23.75	23.69		
1.4	16QAM	1	5	23.61	23.63	23.52		
1.4	16QAM	3	0	23.62	23.67	23.57		
1.4	16QAM	3	1	23.67	23.65	23.58		
1.4	16QAM	3	3	23.67	23.58	23.54		
1.4	16QAM	6	0	22.72	22.67	22.67	23.7	2
1.4	64QAM	1	0	22.8	22.89	22.85	23.7	2
1.4	64QAM	1	3	22.64	22.77	22.63		
1.4	64QAM	1	5	22.78	22.79	22.69		
1.4	64QAM	3	0	22.66	22.59	22.64		
1.4	64QAM	3	1	22.75	22.83	22.78		
1.4	64QAM	3	3	22.61	22.74	22.55		
1.4	64QAM	6	0	21.64	21.69	21.65	22.7	3
1.4	256QAM	1	0	20.08	20.17	20.11	20.7	5
1.4	256QAM	1	3	20.04	20.06	20		
1.4	256QAM	1	5	20.02	20.17	20.14		
1.4	256QAM	3	0	19.7	19.74	19.69		
1.4	256QAM	3	1	19.58	19.67	19.62		
1.4	256QAM	3	3	19.67	19.73	19.68		
1.4	256QAM	6	0	19.61	19.69	19.59	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.26	19.58	19.48	21	0
20	QPSK	1	49	19.51	19.45	19.33		
20	QPSK	1	99	19.39	19.43	19.37		
20	QPSK	50	0	19.48	19.51	19.45		
20	QPSK	50	24	19.5	19.47	19.28		
20	QPSK	50	50	19.44	19.43	19.39		
20	QPSK	100	0	19.36	19.54	19.37		
20	16QAM	1	0	19.14	19.53	19.39	21	0
20	16QAM	1	49	19.44	19.36	19.3		
20	16QAM	1	99	19.34	19.34	19.27		
20	16QAM	50	0	19.44	19.42	19.34		
20	16QAM	50	24	19.47	19.34	19.23		
20	16QAM	50	50	19.32	19.41	19.31		
20	16QAM	100	0	19.29	19.48	19.29		
20	64QAM	1	0	19.14	19.53	19.39	21	0
20	64QAM	1	49	19.44	19.36	19.3		
20	64QAM	1	99	19.34	19.34	19.27		
20	64QAM	50	0	19.44	19.42	19.34		
20	64QAM	50	24	19.47	19.34	19.23		
20	64QAM	50	50	19.32	19.41	19.31		
20	64QAM	100	0	19.29	19.48	19.29		
20	256QAM	1	0	17.27	17.58	17.46	19	2
20	256QAM	1	49	17.51	17.4	17.35		
20	256QAM	1	99	17.38	17.41	17.35		
20	256QAM	50	0	17.47	17.46	17.44	19	2
20	256QAM	50	24	17.5	17.44	17.33		
20	256QAM	50	50	17.43	17.46	17.4		
20	256QAM	100	0	17.37	17.51	17.31		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.16	19.51	19.45	21	0
15	QPSK	1	37	19.47	19.38	19.3		
15	QPSK	1	74	19.31	19.38	19.23		
15	QPSK	36	0	19.37	19.49	19.32	21	0
15	QPSK	36	20	19.39	19.36	19.15		
15	QPSK	36	39	19.34	19.4	19.26		
15	QPSK	75	0	19.24	19.43	19.31		
15	16QAM	1	0	19.1	19.47	19.34	21	0
15	16QAM	1	37	19.36	19.24	19.24		
15	16QAM	1	74	19.27	19.21	19.15		
15	16QAM	36	0	19.34	19.35	19.21	21	0
15	16QAM	36	20	19.37	19.28	19.11		
15	16QAM	36	39	19.23	19.32	19.26		
15	16QAM	75	0	19.24	19.44	19.17		
15	64QAM	1	0	19.06	19.4	19.34	21	0
15	64QAM	1	37	19.38	19.25	19.24		
15	64QAM	1	74	19.23	19.24	19.14		
15	64QAM	36	0	19.41	19.37	19.31	21	0
15	64QAM	36	20	19.41	19.3	19.18		
15	64QAM	36	39	19.29	19.36	19.21		
15	64QAM	75	0	19.18	19.35	19.2		
15	256QAM	1	0	17.19	17.53	17.41	19	2
15	256QAM	1	37	17.46	17.32	17.27		
15	256QAM	1	74	17.24	17.27	17.24		
15	256QAM	36	0	17.41	17.36	17.39	19	2
15	256QAM	36	20	17.46	17.32	17.27		
15	256QAM	36	39	17.37	17.39	17.35		
15	256QAM	75	0	17.34	17.45	17.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.12	19.55	19.45	21	0
10	QPSK	1	25	19.44	19.35	19.29		
10	QPSK	1	49	19.3	19.3	19.3		
10	QPSK	25	0	19.43	19.46	19.32	21	0
10	QPSK	25	12	19.37	19.37	19.23		
10	QPSK	25	25	19.31	19.36	19.34		
10	QPSK	50	0	19.27	19.47	19.28		
10	16QAM	1	0	19.06	19.44	19.3	21	0
10	16QAM	1	25	19.32	19.24	19.17		
10	16QAM	1	49	19.26	19.24	19.21		
10	16QAM	25	0	19.33	19.33	19.28	21	0
10	16QAM	25	12	19.41	19.25	19.14		
10	16QAM	25	25	19.26	19.3	19.24		
10	16QAM	50	0	19.27	19.35	19.2		
10	64QAM	1	0	19.06	19.41	19.26	21	0
10	64QAM	1	25	19.34	19.28	19.27		
10	64QAM	1	49	19.26	19.27	19.17		
10	64QAM	25	0	19.4	19.34	19.32	21	0
10	64QAM	25	12	19.42	19.24	19.19		
10	64QAM	25	25	19.23	19.35	19.29		
10	64QAM	50	0	19.18	19.41	19.16		
10	256QAM	1	0	17.2	17.52	17.41	19	2
10	256QAM	1	25	17.42	17.3	17.24		
10	256QAM	1	49	17.33	17.27	17.3		
10	256QAM	25	0	17.39	17.39	17.34	19	2
10	256QAM	25	12	17.45	17.4	17.29		
10	256QAM	25	25	17.37	17.37	17.33		
10	256QAM	50	0	17.24	17.45	17.24		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.17	19.47	19.45	21	0
5	QPSK	1	12	19.38	19.33	19.28		
5	QPSK	1	24	19.33	19.31	19.34		
5	QPSK	12	0	19.34	19.39	19.37	21	0
5	QPSK	12	7	19.44	19.35	19.15		
5	QPSK	12	13	19.32	19.29	19.35		
5	QPSK	25	0	19.25	19.42	19.29	21	0
5	16QAM	1	0	19.09	19.44	19.28		
5	16QAM	1	12	19.31	19.25	19.24		
5	16QAM	1	24	19.25	19.27	19.2		
5	16QAM	12	0	19.32	19.37	19.29	21	0
5	16QAM	12	7	19.39	19.22	19.15		
5	16QAM	12	13	19.19	19.27	19.21		
5	16QAM	25	0	19.23	19.39	19.17		
5	64QAM	1	0	19.02	19.45	19.36	21	0
5	64QAM	1	12	19.37	19.33	19.27		
5	64QAM	1	24	19.32	19.31	19.18		
5	64QAM	12	0	19.41	19.32	19.31	21	0
5	64QAM	12	7	19.37	19.25	19.2		
5	64QAM	12	13	19.22	19.37	19.2		
5	64QAM	25	0	19.23	19.41	19.16		
5	256QAM	1	0	17.17	17.5	17.33	19	2
5	256QAM	1	12	17.43	17.26	17.26		
5	256QAM	1	24	17.25	17.32	17.24		
5	256QAM	12	0	17.44	17.41	17.35	19	2
5	256QAM	12	7	17.45	17.37	17.24		
5	256QAM	12	13	17.35	17.38	17.27		
5	256QAM	25	0	17.24	17.38	17.22		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.12	19.44	19.43	21	0
3	QPSK	1	8	19.44	19.32	19.22		
3	QPSK	1	14	19.27	19.4	19.34		
3	QPSK	8	0	19.45	19.44	19.35	21	0
3	QPSK	8	4	19.46	19.45	19.2		
3	QPSK	8	7	19.38	19.37	19.33		
3	QPSK	15	0	19.29	19.51	19.34	21	0
3	16QAM	1	0	19.08	19.44	19.28		
3	16QAM	1	8	19.34	19.22	19.26		
3	16QAM	1	14	19.31	19.23	19.2		
3	16QAM	8	0	19.4	19.34	19.3	21	0
3	16QAM	8	4	19.43	19.21	19.11		
3	16QAM	8	7	19.19	19.31	19.22		
3	16QAM	15	0	19.17	19.42	19.18	21	0
3	64QAM	1	0	19.05	19.48	19.36		
3	64QAM	1	8	19.39	19.33	19.21		
3	64QAM	1	14	19.23	19.26	19.15		
3	64QAM	8	0	19.36	19.39	19.21	21	0
3	64QAM	8	4	19.42	19.28	19.1		
3	64QAM	8	7	19.21	19.35	19.19		
3	64QAM	15	0	19.18	19.38	19.2		
3	256QAM	1	0	17.17	17.45	17.41	19	2
3	256QAM	1	8	17.46	17.33	17.29		
3	256QAM	1	14	17.28	17.3	17.27		
3	256QAM	8	0	17.37	17.34	17.3	19	2
3	256QAM	8	4	17.42	17.41	17.28		
3	256QAM	8	7	17.33	17.35	17.29		
3	256QAM	15	0	17.27	17.41	17.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.2	19.46	19.38	21	0
1.4	QPSK	1	3	19.44	19.37	19.24		
1.4	QPSK	1	5	19.34	19.33	19.27		
1.4	QPSK	3	0	19.35	19.45	19.39		
1.4	QPSK	3	1	19.43	19.44	19.21		
1.4	QPSK	3	3	19.4	19.33	19.3		
1.4	QPSK	6	0	19.23	19.45	19.33	21	0
1.4	16QAM	1	0	19.01	19.39	19.27	21	0
1.4	16QAM	1	3	19.38	19.3	19.21		
1.4	16QAM	1	5	19.26	19.3	19.24		
1.4	16QAM	3	0	19.3	19.37	19.21		
1.4	16QAM	3	1	19.42	19.22	19.14		
1.4	16QAM	3	3	19.19	19.36	19.17		
1.4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	24.20	24.23	24.23	24.7	0
20	QPSK	1	49	24.19	24.09	24.08		
20	QPSK	1	99	24.13	24.16	24.16		
20	QPSK	50	0	24.09	24.24	24.15	24.7	0
20	QPSK	50	24	24.21	24.19	24.10		
20	QPSK	50	50	24.16	24.12	24.13		
20	QPSK	100	0	24.13	24.21	24.19		
20	16QAM	1	0	24.13	24.20	24.19	24.7	0
20	16QAM	1	49	24.07	24.04	24.05		
20	16QAM	1	99	24.04	24.09	24.02		
20	16QAM	50	0	23.18	23.29	23.19	23.7	1
20	16QAM	50	24	23.19	23.10	23.06		
20	16QAM	50	50	23.12	23.14	23.10		
20	16QAM	100	0	23.12	23.24	23.10		
20	64QAM	1	0	23.24	23.24	23.10	23.7	1
20	64QAM	1	49	23.13	23.09	23.08		
20	64QAM	1	99	23.15	23.22	23.19		
20	64QAM	50	0	22.16	22.27	22.29	22.7	2
20	64QAM	50	24	22.21	22.13	22.11		
20	64QAM	50	50	22.09	22.11	22.20		
20	64QAM	100	0	22.07	22.26	22.09		
20	256QAM	1	0	20.19	20.25	20.25	20.7	4
20	256QAM	1	49	20.23	20.04	20.08		
20	256QAM	1	99	20.09	20.21	20.16		
20	256QAM	50	0	20.06	20.28	20.12	20.7	4
20	256QAM	50	24	20.22	20.13	20.12		
20	256QAM	50	50	20.11	20.10	20.16		
20	256QAM	100	0	20.11	20.22	20.14		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	24.11	24.27	24.20	24.7	0
15	QPSK	1	37	24.16	23.95	23.96		
15	QPSK	1	74	24.00	24.13	24.06		
15	QPSK	36	0	24.00	24.12	24.13	24.7	0
15	QPSK	36	20	24.18	24.09	24.07		
15	QPSK	36	39	24.10	23.98	24.00		
15	QPSK	75	0	24.06	24.07	24.14		
15	16QAM	1	0	24.09	24.07	24.10	24.7	0
15	16QAM	1	37	23.94	23.90	23.92		
15	16QAM	1	74	23.97	24.06	23.95		
15	16QAM	36	0	23.14	23.19	23.06	23.7	1
15	16QAM	36	20	23.11	23.06	23.02		
15	16QAM	36	39	23.04	23.08	23.04		
15	16QAM	75	0	23.02	23.15	23.04		
15	64QAM	1	0	23.21	23.12	22.98	23.7	1
15	64QAM	1	37	23.06	22.98	23.00		
15	64QAM	1	74	23.11	23.14	23.05		
15	64QAM	36	0	22.04	22.20	22.21	22.7	2
15	64QAM	36	20	22.08	22.06	22.04		
15	64QAM	36	39	22.00	22.00	22.16		
15	64QAM	75	0	21.99	22.19	22.01		
15	256QAM	1	0	20.09	20.13	20.19	20.7	4
15	256QAM	1	37	20.20	19.92	19.97		
15	256QAM	1	74	20.04	20.15	20.07		
15	256QAM	36	0	20.03	20.20	20.06	20.7	4
15	256QAM	36	20	20.09	20.01	20.01		
15	256QAM	36	39	20.05	19.99	20.11		
15	256QAM	75	0	19.98	20.16	20.11		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	24.14	24.17	24.16	24.7	0
10	QPSK	1	25	24.15	24.02	23.98		
10	QPSK	1	49	24.00	24.07	24.13		
10	QPSK	25	0	24.00	24.15	24.04	24.7	0
10	QPSK	25	12	24.19	24.11	23.97		
10	QPSK	25	25	24.14	24.07	24.06		
10	QPSK	50	0	24.05	24.19	24.06		
10	16QAM	1	0	24.08	24.11	24.07	24.7	0
10	16QAM	1	25	23.93	24.00	23.93		
10	16QAM	1	49	24.01	24.00	23.91		
10	16QAM	25	0	23.10	23.16	23.17	23.7	1
10	16QAM	25	12	23.16	23.06	23.01		
10	16QAM	25	25	23.08	23.11	22.97		
10	16QAM	50	0	23.00	23.17	23.04		
10	64QAM	1	0	23.17	23.11	22.97	23.7	1
10	64QAM	1	25	23.04	22.96	23.01		
10	64QAM	1	49	23.06	23.09	23.11		
10	64QAM	25	0	22.07	22.18	22.19	22.7	2
10	64QAM	25	12	22.10	21.99	22.00		
10	64QAM	25	25	22.05	21.97	22.12		
10	64QAM	50	0	22.01	22.19	22.03		
10	256QAM	1	0	20.09	20.21	20.19	20.7	4
10	256QAM	1	25	20.19	19.98	20.05		
10	256QAM	1	49	19.96	20.15	20.07		
10	256QAM	25	0	19.96	20.19	19.99	20.7	4
10	256QAM	25	12	20.16	20.08	20.05		
10	256QAM	25	25	19.98	20.04	20.04		
10	256QAM	50	0	20.00	20.13	20.05		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	24.12	24.17	24.12	24.7	0
5	QPSK	1	12	24.10	24.00	23.98		
5	QPSK	1	24	24.08	24.14	24.06		
5	QPSK	12	0	23.98	24.10	24.10	24.7	0
5	QPSK	12	7	24.18	24.13	23.96		
5	QPSK	12	13	24.03	24.02	24.07		
5	QPSK	25	0	24.07	24.17	24.17		
5	16QAM	1	0	24.00	24.12	24.15	24.7	0
5	16QAM	1	12	23.94	23.98	23.94		
5	16QAM	1	24	23.92	23.96	23.93		
5	16QAM	12	0	23.07	23.17	23.10	23.7	1
5	16QAM	12	7	23.16	22.97	23.04		
5	16QAM	12	13	23.01	23.03	22.99		
5	16QAM	25	0	23.02	23.15	23.07		
5	64QAM	1	0	23.13	23.14	22.99	23.7	1
5	64QAM	1	12	23.06	23.01	23.01		
5	64QAM	1	24	23.07	23.08	23.11		
5	64QAM	12	0	22.06	22.24	22.18	22.7	2
5	64QAM	12	7	22.14	22.04	21.98		
5	64QAM	12	13	22.04	22.09	22.13		
5	64QAM	25	0	22.02	22.13	22.05		
5	256QAM	1	0	20.06	20.14	20.21	20.7	4
5	256QAM	1	12	20.12	19.92	19.98		
5	256QAM	1	24	20.07	20.14	20.07		
5	256QAM	12	0	19.96	20.19	20.07	20.7	4
5	256QAM	12	7	20.14	20.07	20.08		
5	256QAM	12	13	20.01	20.02	20.04		
5	256QAM	25	0	20.02	20.10	20.06		

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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	24.27	24.24	24.39	24.30	24.25	24.7	0
20	QPSK	1	49	24.21	24.16	24.24	24.15	24.28		
20	QPSK	1	99	24.16	24.24	24.23	24.17	24.19		
20	QPSK	50	0	24.19	24.24	24.29	24.17	24.23		
20	QPSK	50	24	24.21	24.19	24.24	24.16	24.13		
20	QPSK	50	50	24.24	24.18	24.25	24.28	24.25		
20	QPSK	100	0	24.25	24.15	24.36	24.23	24.13		
20	16QAM	1	0	24.16	24.11	24.34	24.17	24.15	24.7	0
20	16QAM	1	49	24.15	24.10	24.17	24.05	24.24		
20	16QAM	1	99	24.14	24.19	24.11	24.09	24.14		
20	16QAM	50	0	23.33	23.26	23.36	23.24	23.26	23.7	1
20	16QAM	50	24	23.25	23.21	23.20	23.10	23.34		
20	16QAM	50	50	23.17	23.24	23.19	23.22	23.14		
20	16QAM	100	0	23.17	23.22	23.29	23.21	23.20		
20	64QAM	1	0	23.22	23.17	23.18	23.19	23.14	23.7	1
20	64QAM	1	49	23.22	23.12	23.23	23.26	23.24		
20	64QAM	1	99	23.24	23.17	23.35	23.28	23.11		
20	64QAM	50	0	22.22	22.26	22.40	22.28	22.22	22.7	2
20	64QAM	50	24	22.22	22.21	22.19	22.09	22.28		
20	64QAM	50	50	22.13	22.23	22.21	22.16	22.18		
20	64QAM	100	0	22.15	22.18	22.30	22.13	22.28		
20	256QAM	1	0	20.31	20.26	20.33	20.35	20.22	20.7	4
20	256QAM	1	49	20.17	20.17	20.24	20.10	20.26		
20	256QAM	1	99	20.13	20.27	20.28	20.23	20.22		
20	256QAM	50	0	20.16	20.23	20.32	20.19	20.21	20.7	4
20	256QAM	50	24	20.24	20.16	20.21	20.21	20.08		
20	256QAM	50	50	20.29	20.17	20.20	20.26	20.26		
20	256QAM	100	0	20.24	20.13	20.40	20.18	20.10		
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	24.22	24.13	24.26	24.20	24.17	25	0
15	QPSK	1	37	24.16	24.12	24.19	24.09	24.16		
15	QPSK	1	74	24.08	24.20	24.17	24.14	24.11		
15	QPSK	36	0	24.05	24.17	24.26	24.08	24.13	24.7	0
15	QPSK	36	20	24.10	24.07	24.11	24.04	24.06		
15	QPSK	36	39	24.17	24.07	24.13	24.17	24.18		
15	QPSK	75	0	24.19	24.07	24.31	24.17	24.09		
15	16QAM	1	0	24.15	23.98	24.26	24.11	24.08	24.7	0
15	16QAM	1	37	24.12	24.08	24.12	23.96	24.12		
15	16QAM	1	74	24.02	24.09	23.98	23.99	24.02		
15	16QAM	36	0	23.22	23.21	23.30	23.15	23.16	23.7	1
15	16QAM	36	20	23.13	23.13	23.13	22.97	23.24		
15	16QAM	36	39	23.06	23.13	23.11	23.16	23.00		
15	16QAM	75	0	23.07	23.16	23.16	23.15	23.16		
15	64QAM	1	0	23.09	23.07	23.10	23.08	23.11	23.7	1
15	64QAM	1	37	23.08	23.06	23.20	23.12	23.17		
15	64QAM	1	74	23.15	23.04	23.23	23.19	23.05		
15	64QAM	36	0	22.12	22.23	22.37	22.18	22.09	22.7	2
15	64QAM	36	20	22.17	22.07	22.10	22.00	22.25		
15	64QAM	36	39	22.08	22.15	22.12	22.04	22.15		
15	64QAM	75	0	22.04	22.05	22.24	22.01	22.18		
15	256QAM	1	0	20.21	20.19	20.21	20.23	20.19	20.7	4
15	256QAM	1	37	20.09	20.12	20.17	20.03	20.20		
15	256QAM	1	74	20.09	20.23	20.24	20.14	20.08		
15	256QAM	36	0	20.04	20.20	20.23	20.06	20.09	20.7	4
15	256QAM	36	20	20.15	20.12	20.09	20.08	20.01		
15	256QAM	36	39	20.17	20.08	20.17	20.14	20.19		
15	256QAM	75	0	20.20	20.01	20.29	20.05	20.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.23	24.19	24.31	24.24	24.14	25	0
10	QPSK	1	25	24.10	24.13	24.16	24.02	24.16		
10	QPSK	1	49	24.03	24.21	24.09	24.06	24.08		
10	QPSK	25	0	24.06	24.12	24.25	24.07	24.21	24.7	0
10	QPSK	25	12	24.10	24.09	24.12	24.11	24.07		
10	QPSK	25	25	24.17	24.07	24.17	24.15	24.18		
10	QPSK	50	0	24.21	24.10	24.27	24.14	24.02		
10	16QAM	1	0	24.08	23.98	24.27	24.03	24.06	24.7	0
10	16QAM	1	25	24.06	24.03	24.09	23.92	24.16		
10	16QAM	1	49	24.08	24.16	24.03	24.06	24.05		
10	16QAM	25	0	23.31	23.22	23.26	23.12	23.15	23.7	1
10	16QAM	25	12	23.19	23.08	23.09	23.00	23.30		
10	16QAM	25	25	23.07	23.21	23.09	23.11	23.02		
10	16QAM	50	0	23.08	23.17	23.17	23.17	23.10		
10	64QAM	1	0	23.17	23.06	23.11	23.10	23.01	23.7	1
10	64QAM	1	25	23.11	23.05	23.20	23.23	23.19		
10	64QAM	1	49	23.14	23.13	23.22	23.15	22.99		
10	64QAM	25	0	22.16	22.17	22.36	22.21	22.13	22.7	2
10	64QAM	25	12	22.20	22.18	22.07	21.98	22.22		
10	64QAM	25	25	22.01	22.09	22.08	22.14	22.07		
10	64QAM	50	0	22.07	22.05	22.26	22.11	22.21		
10	256QAM	1	0	20.20	20.19	20.28	20.31	20.16	20.7	4
10	256QAM	1	25	20.12	20.04	20.12	19.98	20.17		
10	256QAM	1	49	20.08	20.14	20.14	20.11	20.13		
10	256QAM	25	0	20.05	20.19	20.23	20.09	20.10	20.7	4
10	256QAM	25	12	20.21	20.11	20.18	20.15	19.97		
10	256QAM	25	25	20.23	20.06	20.14	20.14	20.19		
10	256QAM	50	0	20.17	20.03	20.34	20.07	20.04		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.14	24.17	24.34	24.22	24.17	25	0
5	QPSK	1	12	24.15	24.03	24.15	24.07	24.18		
5	QPSK	1	24	24.02	24.16	24.13	24.04	24.14		
5	QPSK	12	0	24.10	24.20	24.21	24.08	24.14	24.7	0
5	QPSK	12	7	24.16	24.17	24.12	24.13	24.03		
5	QPSK	12	13	24.14	24.06	24.21	24.26	24.18		
5	QPSK	25	0	24.16	24.08	24.22	24.15	24.02		
5	16QAM	1	0	24.15	24.02	24.26	24.14	24.07	24.7	0
5	16QAM	1	12	24.06	23.97	24.07	23.93	24.19		
5	16QAM	1	24	24.03	24.16	24.04	24.06	24.07		
5	16QAM	12	0	23.21	23.23	23.32	23.14	23.16	23.7	1
5	16QAM	12	7	23.17	23.13	23.12	23.03	23.24		
5	16QAM	12	13	23.03	23.18	23.17	23.15	23.12		
5	16QAM	25	0	23.11	23.09	23.21	23.09	23.13	23.7	1
5	64QAM	1	0	23.09	23.06	23.14	23.10	23.07		
5	64QAM	1	12	23.08	23.06	23.15	23.23	23.12		
5	64QAM	1	24	23.13	23.12	23.24	23.18	23.04		
5	64QAM	12	0	22.13	22.23	22.33	22.24	22.15	22.7	2
5	64QAM	12	7	22.10	22.07	22.15	21.99	22.16		
5	64QAM	12	13	22.00	22.18	22.09	22.12	22.07		
5	64QAM	25	0	22.09	22.07	22.21	22.11	22.15		
5	256QAM	1	0	20.18	20.14	20.27	20.31	20.12	20.7	4
5	256QAM	1	12	20.09	20.12	20.14	20.08	20.16		
5	256QAM	1	24	20.04	20.23	20.15	20.17	20.13		
5	256QAM	12	0	20.02	20.20	20.30	20.14	20.13	20.7	4
5	256QAM	12	7	20.20	20.04	20.10	20.10	19.95		
5	256QAM	12	13	20.16	20.04	20.11	20.14	20.22		
5	256QAM	25	0	20.11	20.02	20.36	20.15	20.01		

	GSM850 Ant1 DSI6							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.69	32.76	32.71	34.00	23.69	23.76	23.71	25.00
GPRS 1 Tx slot	32.55	32.79	32.61	34.00	23.55	23.79	23.61	25.00
GPRS 2 Tx slots	29.87	29.96	29.87	31.00	23.87	23.96	23.87	25.00
GPRS 3 Tx slots	28.00	28.08	28.07	29.20	23.74	23.82	23.81	24.94
GPRS 4 Tx slots	26.75	26.86	26.81	28.00	23.75	23.86	23.81	25.00
EDGE 1 Tx slot	27.37	27.39	27.35	28.00	18.37	18.39	18.35	19.00
EDGE 2 Tx slots	24.40	24.49	24.44	25.00	18.40	18.49	18.44	19.00
EDGE 3 Tx slots	22.77	22.79	22.77	23.20	18.51	18.53	18.51	18.94
EDGE 4 Tx slots	21.76	21.81	21.76	22.00	18.76	18.81	18.76	19.00

		WCDMA V Ant1 DSI6				WCDMA IV Ant1 DSI6			
Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.8	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.68	22.83	22.65	24.00	21.25	21.26	21.14	23.00
3GPP Rel 99	RMC 12.2Kbps	22.80	22.93	22.75	24.00	21.31	21.35	21.23	23.00
3GPP Rel 6	HSDPA Subtest-1	21.55	21.94	21.60	23.00	20.03	20.40	20.15	22.00
3GPP Rel 6	HSDPA Subtest-2	21.52	21.75	21.70	23.00	20.21	20.29	20.20	22.00
3GPP Rel 6	HSDPA Subtest-3	21.04	21.33	21.05	22.50	19.56	19.75	19.68	21.50
3GPP Rel 6	HSDPA Subtest-4	21.18	21.14	21.10	22.50	19.76	19.65	19.61	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.55	21.60	21.58	23.00	20.05	20.05	20.08	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.43	21.62	21.66	23.00	20.01	20.22	20.21	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.21	21.21	21.33	22.50	19.76	19.74	19.77	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.18	21.20	21.05	22.50	19.79	19.66	19.59	21.50
3GPP Rel 6	HSUPA Subtest-1	21.66	21.82	21.70	23.00	20.11	20.31	20.17	22.00
3GPP Rel 6	HSUPA Subtest-2	19.60	19.63	19.82	21.00	18.22	18.18	18.27	20.00
3GPP Rel 6	HSUPA Subtest-3	20.70	20.79	20.71	22.00	19.16	19.33	19.26	21.00
3GPP Rel 6	HSUPA Subtest-4	19.45	19.70	19.44	21.00	18.01	18.23	18.03	20.00
3GPP Rel 6	HSUPA Subtest-5	21.50	21.78	21.71	23.00	20.05	20.33	20.21	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.09	19.13	19.01	20.50	17.67	17.60	17.54	19.50

Band 4 Ant1 Other PA Default

BW [MHz]	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	22.24	22.45	22.18	23.2	0
20	QPSK	1	49	22.36	22.41	22.22		
20	QPSK	1	99	22.33	22.36	22.18		
20	QPSK	50	0	22.24	22.42	22.18		
20	QPSK	50	24	22.38	22.40	22.33	23.2	0
20	QPSK	50	50	22.35	22.37	22.20		
20	QPSK	100	0	22.29	22.31	22.24		
20	16QAM	1	0	22.17	22.35	22.10		
20	16QAM	1	49	22.27	22.30	22.15	23.2	0
20	16QAM	1	99	22.22	22.29	22.09		
20	16QAM	50	0	22.16	22.33	22.11		
20	16QAM	50	24	22.26	22.31	22.23	23.2	0
20	16QAM	50	50	22.26	22.26	22.12		
20	16QAM	100	0	22.21	22.19	22.13		
20	64QAM	1	0	22.29	22.28	22.22	23.2	0
20	64QAM	1	49	22.23	22.27	22.13		
20	64QAM	1	99	22.20	22.21	22.16		
20	64QAM	50	0	21.72	21.97	21.69	22.7	0.5
20	64QAM	50	24	21.85	21.93	21.73		
20	64QAM	50	50	21.83	21.83	21.69		
20	64QAM	100	0	21.77	21.89	21.66		
20	256QAM	1	0	19.73	19.96	19.69	20.7	2.5
20	256QAM	1	49	19.88	19.93	19.69		
20	256QAM	1	99	19.82	19.88	19.67		
20	256QAM	50	0	19.72	19.90	19.65		
20	256QAM	50	24	19.87	19.88	19.84	20.7	2.5
20	256QAM	50	50	19.83	19.89	19.70		
20	256QAM	100	0	19.79	19.80	19.76		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.13	22.35	22.08	23.2	0
15	QPSK	1	37	22.28	22.35	22.15		
15	QPSK	1	74	22.22	22.25	22.11		
15	QPSK	36	0	22.18	22.35	22.08		
15	QPSK	36	20	22.31	22.29	22.26	23.2	0
15	QPSK	36	39	22.26	22.27	22.14		
15	QPSK	75	0	22.20	22.23	22.13		
15	16QAM	1	0	22.11	22.25	21.99	23.2	0
15	16QAM	1	37	22.20	22.18	22.06		
15	16QAM	1	74	22.16	22.19	21.98		
15	16QAM	36	0	22.09	22.22	22.04	23.2	0
15	16QAM	36	20	22.18	22.25	22.16		
15	16QAM	36	39	22.14	22.17	22.06		
15	16QAM	75	0	22.12	22.07	22.04		
15	64QAM	1	0	22.19	22.19	22.14	23.2	0
15	64QAM	1	37	22.14	22.20	22.06		
15	64QAM	1	74	22.12	22.11	22.07		
15	64QAM	36	0	21.65	21.88	21.61	22.7	0.5
15	64QAM	36	20	21.74	21.87	21.67		
15	64QAM	36	39	21.74	21.76	21.63		
15	64QAM	75	0	21.66	21.80	21.58		
15	256QAM	1	0	19.65	19.84	19.61	20.7	2.5
15	256QAM	1	37	19.77	19.86	19.62		
15	256QAM	1	74	19.72	19.76	19.57		
15	256QAM	36	0	19.63	19.81	19.54	20.7	2.5
15	256QAM	36	20	19.80	19.77	19.73		
15	256QAM	36	39	19.74	19.82	19.63		
15	256QAM	75	0	19.71	19.71	19.66		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.14	22.26	22.31	23.2	0
10	QPSK	1	25	22.25	22.33	22.13		
10	QPSK	1	49	22.26	22.27	22.12		
10	QPSK	25	0	22.17	22.33	22.11	23.2	0
10	QPSK	25	12	22.30	22.31	22.26		
10	QPSK	25	25	22.25	22.29	22.11		
10	QPSK	50	0	22.23	22.19	22.17		
10	16QAM	1	0	22.06	22.25	22.03	23.2	0
10	16QAM	1	25	22.16	22.20	22.07		
10	16QAM	1	49	22.15	22.17	22.02		
10	16QAM	25	0	22.09	22.25	22.03	23.2	0
10	16QAM	25	12	22.15	22.20	22.12		
10	16QAM	25	25	22.17	22.14	22.06		
10	16QAM	50	0	22.13	22.11	22.03		
10	64QAM	1	0	22.18	22.18	22.14	23.2	0
10	64QAM	1	25	22.16	22.15	22.02		
10	64QAM	1	49	22.14	22.10	22.08		
10	64QAM	25	0	21.60	21.90	21.59	22.7	0.5
10	64QAM	25	12	21.78	21.84	21.64		
10	64QAM	25	25	21.71	21.76	21.60		
10	64QAM	50	0	21.71	21.79	21.59		
10	256QAM	1	0	19.65	19.85	19.59	20.7	2.5
10	256QAM	1	25	19.78	19.86	19.60		
10	256QAM	1	49	19.74	19.77	19.60		
10	256QAM	25	0	19.65	19.83	19.56	20.7	2.5
10	256QAM	25	12	19.80	19.78	19.73		
10	256QAM	25	25	19.74	19.77	19.60		
10	256QAM	50	0	19.73	19.69	19.69		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.14	22.38	22.08	23.2	0
5	QPSK	1	12	22.29	22.31	22.11		
5	QPSK	1	24	22.22	22.29	22.08		
5	QPSK	12	0	22.12	22.34	22.12	23.2	0
5	QPSK	12	7	22.30	22.30	22.26		
5	QPSK	12	13	22.28	22.30	22.09		
5	QPSK	25	0	22.20	22.22	22.15		
5	16QAM	1	0	22.05	22.23	21.98	23.2	0
5	16QAM	1	12	22.20	22.20	22.08		
5	16QAM	1	24	22.13	22.21	22.01		
5	16QAM	12	0	22.07	22.24	21.99	23.2	0
5	16QAM	12	7	22.15	22.23	22.14		
5	16QAM	12	13	22.19	22.19	22.01		
5	16QAM	25	0	22.14	22.12	22.02		
5	64QAM	1	0	22.20	22.19	22.12	23.2	0
5	64QAM	1	12	22.13	22.17	22.04		
5	64QAM	1	24	22.11	22.12	22.08		
5	64QAM	12	0	21.62	21.86	21.58	22.7	0.5
5	64QAM	12	7	21.73	21.83	21.65		
5	64QAM	12	13	21.76	21.72	21.59		
5	64QAM	25	0	21.66	21.76	21.54		
5	256QAM	1	0	19.61	19.90	19.59	20.7	2.5
5	256QAM	1	12	19.79	19.86	19.61		
5	256QAM	1	24	19.72	19.79	19.59		
5	256QAM	12	0	19.62	19.83	19.55	20.7	2.5
5	256QAM	12	7	19.77	19.81	19.78		
5	256QAM	12	13	19.76	19.81	19.62		
5	256QAM	25	0	19.70	19.70	19.66		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.13	22.37	22.10	23.2	0
3	QPSK	1	8	22.26	22.34	22.12		
3	QPSK	1	14	22.22	22.29	22.10		
3	QPSK	8	0	22.12	22.36	22.09	23.2	0
3	QPSK	8	4	22.26	22.33	22.24		
3	QPSK	8	7	22.25	22.30	22.14		
3	QPSK	15	0	22.19	22.21	22.12		
3	16QAM	1	0	22.11	22.27	22.03	23.2	0
3	16QAM	1	8	22.20	22.23	22.07		
3	16QAM	1	14	22.10	22.23	22.00		
3	16QAM	8	0	22.05	22.27	22.00	23.2	0
3	16QAM	8	4	22.16	22.24	22.16		
3	16QAM	8	7	22.15	22.17	22.00		
3	16QAM	15	0	22.15	22.11	22.02		
3	64QAM	1	0	22.18	22.22	22.16	23.2	0
3	64QAM	1	8	22.14	22.19	22.04		
3	64QAM	1	14	22.14	22.14	22.05		
3	64QAM	8	0	21.64	21.88	21.62	22.7	0.5
3	64QAM	8	4	21.76	21.83	21.67		
3	64QAM	8	7	21.76	21.72	21.58		
3	64QAM	15	0	21.66	21.83	21.57		
3	256QAM	1	0	19.64	19.86	19.62	20.7	2.5
3	256QAM	1	8	19.80	19.82	19.58		
3	256QAM	1	14	19.71	19.79	19.58		
3	256QAM	8	0	19.61	19.78	19.59	20.7	2.5
3	256QAM	8	4	19.75	19.77	19.75		
3	256QAM	8	7	19.75	19.82	19.62		
3	256QAM	15	0	19.69	19.73	19.66		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.14	22.37	22.10	23.2	0
1.4	QPSK	1	3	22.29	22.29	22.16		
1.4	QPSK	1	5	22.24	22.29	22.08		
1.4	QPSK	3	0	22.14	22.31	22.09		
1.4	QPSK	3	1	22.29	22.30	22.23		
1.4	QPSK	3	3	22.27	22.30	22.08		
1.4	QPSK	6	0	22.18	22.25	22.12	23.2	0
1.4	16QAM	1	0	22.05	22.23	22.03	23.2	0
1.4	16QAM	1	3	22.16	22.19	22.08		
1.4	16QAM	1	5	22.11	22.18	22.01		
1.4	16QAM	3	0	22.06	22.26	22.01		
1.4	16QAM	3	1	22.17	22.23	22.12		
1.4	16QAM	3	3	22.15	22.18	22.01		
1.4	16QAM	6	0	22.11	22.10	22.06	23.2	0
1.4	64QAM	1	0	22.17	22.16	22.12	23.2	0
1.4	64QAM	1	3	22.13	22.18	22.03		
1.4	64QAM	1	5	22.08	22.14	22.07		
1.4	64QAM	3	0	21.61	21.85	21.60		
1.4	64QAM	3	1	21.75	21.83	21.65		
1.4	64QAM	3	3	21.72	21.76	21.60		
1.4	64QAM	6	0	21.69	21.82	21.55	22.7	0.5
1.4	256QAM	1	0	19.65	19.84	19.62	20.7	2.5
1.4	256QAM	1	3	19.76	19.83	19.63		
1.4	256QAM	1	5	19.74	19.80	19.59		
1.4	256QAM	3	0	19.65	19.82	19.54		
1.4	256QAM	3	1	19.76	19.80	19.73		
1.4	256QAM	3	3	19.71	19.81	19.63		
1.4	256QAM	6	0	19.70	19.73	19.65	20.7	2.5

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	22.97	23.14	23.07	24	0
10	QPSK	1	25	22.86	22.96	23.03		
10	QPSK	1	49	22.82	23.05	22.86		
10	QPSK	25	0	22.96	23.06	22.92		
10	QPSK	25	12	22.84	22.94	22.97	24	0
10	QPSK	25	25	22.94	22.98	22.90		
10	QPSK	50	0	22.91	23.04	23.03		
10	16QAM	1	0	22.88	23.05	22.98		
10	16QAM	1	25	22.76	22.88	22.92	24	0
10	16QAM	1	49	22.70	22.99	22.74		
10	16QAM	25	0	22.45	22.66	22.59		
10	16QAM	25	12	22.35	22.45	22.54	23.5	0.5
10	16QAM	25	25	22.31	22.52	22.33		
10	16QAM	50	0	22.44	22.58	22.43		
10	64QAM	1	0	22.36	22.46	22.50		
10	64QAM	1	25	22.43	22.50	22.38	23.5	0.5
10	64QAM	1	49	22.43	22.56	22.52		
10	64QAM	25	0	21.48	21.67	21.57		
10	64QAM	25	12	21.36	21.49	21.54	22.5	1.5
10	64QAM	25	25	21.34	21.53	21.38		
10	64QAM	50	0	21.44	21.54	21.40		
10	256QAM	1	0	19.44	19.56	19.52	20.5	3.5
10	256QAM	1	25	19.30	19.43	19.44		
10	256QAM	1	49	19.28	19.47	19.28		
10	256QAM	25	0	19.38	19.49	19.35		
10	256QAM	25	12	19.28	19.40	19.41	20.5	3.5
10	256QAM	25	25	19.40	19.43	19.33		
10	256QAM	50	0	19.34	19.49	19.49		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.87	23.04	23.01	24	0
5	QPSK	1	12	22.74	22.88	22.91		
5	QPSK	1	24	22.74	22.97	22.79		
5	QPSK	12	0	22.90	22.95	22.85	24	0
5	QPSK	12	7	22.77	22.82	22.87		
5	QPSK	12	13	22.85	22.91	22.80		
5	QPSK	25	0	22.80	22.95	22.91		
5	16QAM	1	0	22.79	22.96	22.88	24	0
5	16QAM	1	12	22.68	22.78	22.83		
5	16QAM	1	24	22.62	22.92	22.67		
5	16QAM	12	0	22.33	22.57	22.48	23.5	0.5
5	16QAM	12	7	22.25	22.39	22.43		
5	16QAM	12	13	22.25	22.43	22.24		
5	16QAM	25	0	22.26	22.50	22.35		
5	64QAM	1	0	22.29	22.36	22.40	23.5	0.5
5	64QAM	1	12	22.34	22.43	22.26		
5	64QAM	1	24	22.33	22.49	22.42		
5	64QAM	12	0	21.41	21.59	21.45	22.5	1.5
5	64QAM	12	7	21.24	21.42	21.42		
5	64QAM	12	13	21.26	21.41	21.28		
5	64QAM	25	0	21.32	21.45	21.28		
5	256QAM	1	0	19.35	19.44	19.42	20.5	3.5
5	256QAM	1	12	19.18	19.35	19.37		
5	256QAM	1	24	19.20	19.39	19.19		
5	256QAM	12	0	19.30	19.41	19.27	20.5	3.5
5	256QAM	12	7	19.18	19.29	19.34		
5	256QAM	12	13	19.32	19.33	19.22		
5	256QAM	25	0	19.23	19.41	19.42		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				823.5	836.5	847.5		
3	QPSK	1	0	22.87	23.04	23.01	24	0
3	QPSK	1	8	22.74	22.88	22.91		
3	QPSK	1	14	22.74	22.97	22.79		
3	QPSK	8	0	22.90	22.95	22.85	24	0
3	QPSK	8	4	22.77	22.82	22.87		
3	QPSK	8	7	22.85	22.82	22.80		
3	QPSK	15	0	22.80	22.95	22.91		
3	16QAM	1	0	22.79	22.96	22.88	24	0
3	16QAM	1	8	22.68	22.78	22.83		
3	16QAM	1	14	22.62	22.92	22.67		
3	16QAM	8	0	22.33	22.57	22.48	23.5	0.5
3	16QAM	8	4	22.25	22.39	22.43		
3	16QAM	8	7	22.25	22.43	22.24		
3	16QAM	15	0	22.35	22.50	22.35		
3	64QAM	1	0	22.29	22.36	22.40	23.5	0.5
3	64QAM	1	8	22.34	22.43	22.26		
3	64QAM	1	14	22.33	22.49	22.42		
3	64QAM	8	0	21.41	21.59	21.45	22.5	1.5
3	64QAM	8	4	21.24	21.42	21.42		
3	64QAM	8	7	21.26	21.41	21.28		
3	64QAM	15	0	21.32	21.45	21.28		
3	256QAM	1	0	19.35	19.44	19.42	20.5	3.5
3	256QAM	1	8	19.19	19.35	19.37		
3	256QAM	1	14	19.20	19.39	19.19		
3	256QAM	8	0	19.30	19.41	19.27	20.5	3.5
3	256QAM	8	4	19.19	19.33	19.34		
3	256QAM	8	7	19.32	19.33	19.22		
3	256QAM	15	0	19.23	19.41	19.42		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.87	23.04	23.01	24	0
1.4	QPSK	1	3	22.74	22.88	22.91		
1.4	QPSK	1	5	22.74	22.97	22.79		
1.4	QPSK	3	0	22.90	22.95	22.85		
1.4	QPSK	3	1	22.77	22.82	22.87		
1.4	QPSK	3	3	22.85	22.91	22.80		
1.4	QPSK	6	0	22.80	22.95	22.91	24	0
1.4	16QAM	1	0	22.79	22.96	22.88	24	0
1.4	16QAM	1	3	22.68	22.78	22.83		
1.4	16QAM	1	5	22.62	22.92	22.67		
1.4	16QAM	3	0	22.33	22.57	22.48	23.5	0.5
1.4	16QAM	3	1	22.25	22.39	22.43		
1.4	16QAM	3	3	22.25	22.43	22.24		
1.4	16QAM	6	0	22.35	22.50	22.35	23.5	0.5
1.4	64QAM	1	0	22.26	22.34	22.41	23.5	0.5
1.4	64QAM	1	3	22.35	22.43	22.31		
1.4	64QAM	1	5	22.30	22.47	22.41		
1.4	64QAM	3	0	22.29	22.34	22.43		
1.4	64QAM	3	1	22.33	22.44	22.28		
1.4	64QAM	3	3	22.32	22.45	22.42		
1.4	64QAM	6	0	21.32	21.46	21.28	22.5	1.5
1.4	256QAM	1	0	19.35	19.44	19.42	20.5	3.5
1.4	256QAM	1	3	19.19	19.35	19.37		
1.4	256QAM	1	5	19.20	19.39	19.19		
1.4	256QAM	3	0	19.30	19.41	19.27		
1.4	256QAM	3	1	19.18	19.29	19.34		
1.4	256QAM	3	3	19.32	19.33	19.22		
1.4	256QAM	6	0	19.23	19.41	19.42	20.5	3.5

Band 7 Ant1 Other PA Default

BW [MHz]	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	22.67	22.52	23.2	0
20	QPSK	1	49	22.39	22.47	22.39		
20	QPSK	1	99	22.47	22.50	22.36		
20	QPSK	50	0	22.40	22.58	22.37		
20	QPSK	50	24	22.43	22.56	22.36		
20	QPSK	50	50	22.47	22.48	22.45		
20	QPSK	100	0	22.41	22.42	22.32		
20	16QAM	1	0	22.33	22.56	22.44		
20	16QAM	1	49	22.28	22.39	22.29	23.2	0
20	16QAM	1	99	22.36	22.39	22.29		
20	16QAM	50	0	22.32	22.50	22.31		
20	16QAM	50	24	22.35	22.46	22.27		
20	16QAM	50	50	22.39	22.41	22.39		
20	16QAM	100	0	22.33	22.32	22.25		
20	64QAM	1	0	22.33	22.37	22.42	23.2	0
20	64QAM	1	49	22.29	22.40	22.31		
20	64QAM	1	99	22.38	22.37	22.24		
20	64QAM	50	0	21.81	21.95	21.82	22.7	0.5
20	64QAM	50	24	21.84	21.98	21.75		
20	64QAM	50	50	21.86	21.93	21.86		
20	64QAM	100	0	21.77	21.87	21.69		
20	256QAM	1	0	19.81	19.95	19.80	20.7	2.5
20	256QAM	1	49	19.81	19.97	19.81		
20	256QAM	1	99	19.84	19.92	19.88		
20	256QAM	50	0	19.80	19.85	19.70		
20	256QAM	50	24	19.82	19.99	19.84	20.7	2.5
20	256QAM	50	50	19.82	19.95	19.76		
20	256QAM	100	0	19.88	19.91	19.88		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.37	22.56	22.41	23.2	0
15	QPSK	1	37	22.31	22.36	22.31		
15	QPSK	1	74	22.39	22.37	22.25		
15	QPSK	36	0	22.32	22.50	22.27	23.2	0
15	QPSK	36	20	22.34	22.45	22.26		
15	QPSK	36	39	22.36	22.42	22.27		
15	QPSK	75	0	22.35	22.31	22.24		
15	16QAM	1	0	22.27	22.46	22.34	23.2	0
15	16QAM	1	37	22.17	22.33	22.17		
15	16QAM	1	74	22.29	22.27	22.19		
15	16QAM	36	0	22.23	22.43	22.24	23.2	0
15	16QAM	36	20	22.26	22.34	22.16		
15	16QAM	36	39	22.30	22.29	22.29		
15	16QAM	75	0	22.24	22.20	22.16		
15	64QAM	1	0	22.25	22.52	22.32	23.2	0
15	64QAM	1	37	22.18	22.33	22.22		
15	64QAM	1	74	22.28	22.30	22.16		
15	64QAM	36	0	21.73	21.84	21.75	22.7	0.5
15	64QAM	36	20	21.78	21.89	21.68		
15	64QAM	36	39	21.74	21.84	21.78		
15	64QAM	75	0	21.70	21.79	21.57		
15	256QAM	1	0	19.75	19.88	19.73	20.7	2.5
15	256QAM	1	37	19.69	19.90	19.69		
15	256QAM	1	74	19.76	19.82	19.77		
15	256QAM	36	0	19.71	19.74	19.63	20.7	2.5
15	256QAM	36	20	19.72	19.91	19.77		
15	256QAM	36	39	19.71	19.85	19.65		
15	256QAM	75	0	19.79	19.84	19.80		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.37	22.56	22.41	23.2	0
10	QPSK	1	25	22.31	22.36	22.31		
10	QPSK	1	49	22.39	22.37	22.25		
10	QPSK	25	0	22.32	22.50	22.27	23.2	0
10	QPSK	25	12	22.34	22.45	22.26		
10	QPSK	25	25	22.36	22.42	22.37		
10	QPSK	50	0	22.35	22.31	22.24		
10	16QAM	1	0	22.27	22.46	22.34	23.2

Band 17 Ant1 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.39	24.57	24.50	25.5	0
10	QPSK	1	25	24.52	24.53	24.44		
10	QPSK	1	49	24.39	24.46	24.35		
10	QPSK	25	0	23.54	23.57	23.51	24.5	1
10	QPSK	25	12	23.41	23.52	23.45		
10	QPSK	25	25	23.40	23.48	23.42		
10	QPSK	50	0	23.48	23.50	23.44		
10	16QAM	1	0	23.69	23.75	23.72	24.5	1
10	16QAM	1	25	23.66	23.70	23.63		
10	16QAM	1	49	23.62	23.64	23.53	23.5	2
10	16QAM	25	0	22.54	22.59	22.56		
10	16QAM	25	12	22.40	22.48	22.46		
10	16QAM	25	25	22.45	22.51	22.46		
10	16QAM	50	0	22.47	22.57	22.55	23.5	2
10	64QAM	1	0	22.54	22.61	22.55		
10	64QAM	1	25	22.47	22.53	22.50		
10	64QAM	1	49	22.53	22.54	22.52		
10	64QAM	25	0	21.48	21.52	21.43	22.5	3
10	64QAM	25	12	21.38	21.47	21.39		
10	64QAM	25	25	21.36	21.47	21.42		
10	64QAM	50	0	21.54	21.56	21.54		
10	256QAM	1	0	19.50	19.57	19.50	20.5	5
10	256QAM	1	25	19.42	19.49	19.47		
10	256QAM	1	49	19.43	19.52	19.47		
10	256QAM	25	0	19.48	19.57	19.50	20.5	5
10	256QAM	25	12	19.37	19.47	19.44		
10	256QAM	25	25	19.46	19.53	19.44		
10	256QAM	50	0	19.53	19.56	19.50		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.37	24.50	24.46	25.5	0
5	QPSK	1	12	24.49	24.51	24.34		
5	QPSK	1	24	24.37	24.37	24.26		
5	QPSK	12	0	23.52	23.50	23.41	24.5	1
5	QPSK	12	7	23.33	23.42	23.39		
5	QPSK	12	13	23.39	23.43	23.36		
5	QPSK	25	0	23.44	23.43	23.38		
5	16QAM	1	0	23.61	23.64	23.65	24.5	1
5	16QAM	1	12	23.56	23.64	23.54		
5	16QAM	1	24	23.56	23.60	23.52		
5	16QAM	12	0	22.48	22.57	22.48	23.5	2
5	16QAM	12	7	22.33	22.37	22.41		
5	16QAM	12	13	22.44	22.48	22.41		
5	16QAM	25	0	22.46	22.55	22.50		
5	64QAM	1	0	22.50	22.61	22.49	23.5	2
5	64QAM	1	12	22.40	22.51	22.45		
5	64QAM	1	24	22.49	22.51	22.51		
5	64QAM	12	0	21.41	21.42	21.37	22.5	3
5	64QAM	12	7	21.29	21.44	21.28		
5	64QAM	12	13	21.31	21.41	21.35		
5	64QAM	25	0	21.44	21.47	21.48		
5	256QAM	1	0	19.43	19.54	19.48	20.5	5
5	256QAM	1	12	19.35	19.45	19.39		
5	256QAM	1	24	19.38	19.45	19.41		
5	256QAM	12	0	19.45	19.50	19.49	20.5	5
5	256QAM	12	7	19.36	19.45	19.35		
5	256QAM	12	13	19.39	19.43	19.34		
5	256QAM	25	0	19.48	19.50	19.44		

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BW [MHz]	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	24.49	24.54	24.45	25.5	0
15	QPSK	1	37	24.43	24.47	24.43		
15	QPSK	1	74	24.46	24.50	24.47		
15	QPSK	36	0	23.45	23.54	23.51	24.5	1
15	QPSK	36	20	23.40	23.51	23.41		
15	QPSK	36	39	23.34	23.45	23.38		
15	QPSK	75	0	23.50	23.57	23.52		
15	16QAM	1	0	23.46	23.57	23.56	24.5	1
15	16QAM	1	37	23.35	23.45	23.41		
15	16QAM	1	74	23.45	23.53	23.51		
15	16QAM	36	0	22.52	22.61	22.55	23.5	2
15	16QAM	36	20	22.56	22.58	22.52		
15	16QAM	36	39	22.48	22.55	22.52		
15	16QAM	75	0	22.49	22.54	22.47		
15	64QAM	1	0	22.51	22.57	22.52	23.5	2
15	64QAM	1	37	22.53	22.58	22.54		
15	64QAM	1	74	22.44	22.54	22.46		
15	64QAM	36	0	21.48	21.55	21.44	22.5	3
15	64QAM	36	20	21.44	21.50	21.47		
15	64QAM	36	39	21.50	21.53	21.45		
15	64QAM	75	0	21.42	21.50	21.42		
15	256QAM	1	0	19.45	19.51	19.45	20.5	5
15	256QAM	1	37	19.39	19.46	19.35		
15	256QAM	1	74	19.45	19.46	19.43		
15	256QAM	36	0	19.45	19.54	19.52	20.5	5
15	256QAM	36	20	19.38	19.44	19.35		
15	256QAM	36	39	19.38	19.47	19.42		
15	256QAM	75	0	19.34	19.43	19.36		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.45	24.45	24.44	25.5	0
10	QPSK	1	25	24.36	24.44	24.37		
10	QPSK	1	49	24.35	24.45	24.42		
10	QPSK	25	0	23.35	23.53	23.44	24.5	1
10	QPSK	25	12	23.32	23.44	23.35		
10	QPSK	25	25	23.30	23.39	23.32		
10	QPSK	50	0	23.46	23.56	23.48		
10	16QAM	1	0	23.45	23.56	23.48	24.5	1
10	16QAM	1	25	23.33	23.39	23.30		
10	16QAM	1	49	23.42	23.51	23.44		
10	16QAM	25	0	22.48	22.57	22.45	23.5	2
10	16QAM	25	12	22.55	22.49	22.47		
10	16QAM	25	25	22.43	22.49	22.42		
10	16QAM	50	0	22.46	22.49	22.37		
10	64QAM	1	0	22.41	22.50	22.49	23.5	2
10	64QAM	1	25	22.50	22.53	22.49		
10	64QAM	1	49	22.39	22.52	22.39		
10	64QAM	25	0	21.46	21.46	21.34	22.5	3
10	64QAM	25	12	21.42	21.44	21.48		
10	64QAM	25	25	21.48	21.42	21.37		
10	64QAM	50	0	21.33	21.39	21.39		
10	256QAM	1	0	19.43	19.43	19.43	20.5	5
10	256QAM	1	25	19.33	19.37	19.28		
10	256QAM	1	49	19.36	19.37	19.38		
10	256QAM	25	0	19.39	19.45	19.47	20.5	5
10	256QAM	25	12	19.33	19.36	19.29		
10	256QAM	25	25	19.28	19.37	19.40		
10	256QAM	50	0	19.26	19.39	19.31		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.47	24.45	24.41	25.5	0
5	QPSK	1	12	24.36	24.43	24.41		
5	QPSK	1	24	24.41	24.46	24.42		
5	QPSK	12	0	23.38	23.48	23.50	24.5	1
5	QPSK	12	7	23.37	23.44	23.38		
5	QPSK	12	13	23.31	23.40	23.34		
5	QPSK	25	0	23.47	23.47	23.51		
5	16QAM	1	0	23.41	23.52	23.53	24.5	1
5	16QAM	1	12	23.25	23.35	23.30		
5	16QAM	1	24	23.42	23.42	23.41		
5	16QAM	12	0	22.43	22.53	22.50	23.5	2
5	16QAM	12	7	22.50	22.55	22.43		
5	16QAM	12	13	22.44	22.54	22.44		
5	16QAM	25	0	22.41	22.44	22.37		
5	64QAM	1	0	22.45	22.50	22.47	23.5	2
5	64QAM	1	12	22.48	22.49	22.48		
5	64QAM	1	24	22.38	22.47	22.41		
5	64QAM	12	0	21.38	21.45	21.34	22.5	3
5	64QAM	12	7	21.42	21.42	21.45		
5	64QAM	12	13	21.49	21.50	21.38		
5	64QAM	25	0	21.34	21.40	21.40		
5	256QAM	1	0	19.42	19.41	19.39	20.5	5
5	256QAM	1	12	19.38	19.42	19.26		
5	256QAM	1	24	19.39	19.38	19.38		
5	256QAM	12	0	19.41	19.50	19.44	20.5	5
5	256QAM	12	7	19.30	19.36	19.30		
5	256QAM	12	13	19.36	19.37	19.32		
5	256QAM	25	0	19.31	19.33	19.28		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.40	24.53	24.36	25.5	0
3	QPSK	1	8	24.38	24.44	24.38		
3	QPSK	1	14	24.42	24.40	24.39		
3	QPSK	8	0	23.37	23.47	23.42	24.5	1
3	QPSK	8	4	23.32	23.49	23.30		
3	QPSK	8	7	23.33	23.40	23.29		
3	QPSK	15	0	23.51	23.54	23.43		
3	16QAM	1	0	23.43	23.46	23.46	24.5	1
3	16QAM	1	8	23.32	23.37	23.32		
3	16QAM	1	14	23.37	23.45	23.45		
3	16QAM	8	0	22.46	22.55	22.51	23.5	2
3	16QAM	8	4	22.50	22.48	22.42		
3	16QAM	8	7	22.41	22.49	22.51		
3	16QAM	15	0	22.39	22.52	22.36		
3	64QAM	1	0	22.41	22.46	22.44	23.5	2
3	64QAM	1	8	22.49	22.51	22.45		
3	64QAM	1	14	22.43	22.51	22.39		
3	64QAM	8	0	21.40	21.52	21.37	22.5	3
3	64QAM	8	4	21.34	21.40	21.39		
3	64QAM	8	7	21.41	21.46	21.42		
3	64QAM	15	0	21.35	21.41	21.38		
3	256QAM	1	0	19.41	19.45	19.36	20.5	5
3	256QAM	1	8	19.31	19.41	19.34		
3	256QAM	1	14	19.41	19.44	19.41		
3	256QAM	8	0	19.37	19.46	19.46	20.5	5
3	256QAM	8	4	19.28	19.35	19.34		
3	256QAM	8	7	19.33	19.46	19.40		
3	256QAM	15	0	19.23	19.38	19.32		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.38	24.52	24.35	25.5	0
1.4	QPSK	1	3	24.40	24.42	24.33		
1.4	QPSK	1	5	24.36	24.45	24.40		
1.4	QPSK	3	0	24.30	24.49	24.34		
1.4	QPSK	3	1	24.29	24.32	24.27		
1.4	QPSK	3	3	24.34	24.43	24.33		
1.4	QPSK	6	0	23.51	23.53	23.46	24.5	1
1.4	16QAM	1	0	23.42	23.48	23.48	24.5	1
1.4	16QAM	1	3	23.26	23.36	23.32		
1.4	16QAM	1	5	23.43	23.50	23.42		
1.4	16QAM	3	0	23.39	23.41	23.39		
1.4	16QAM	3	1	23.24	23.26	23.25		
1.4	16QAM	3	3	23.40	23.42	23.37		
1.4	16QAM	6	0	22.43	22.43	22.43	23.5	2
1.4	64QAM	1	0	22.42	22.48	22.44	23.5	2
1.4	64QAM	1	3	22.49	22.54	22.45		
1.4	64QAM	1	5	22.37	22.43	22.38		
1.4	64QAM	3	0	22.34	22.36	22.34		
1.4	64QAM	3	1	22.36	22.42	22.39		
1.4	64QAM	3	3	22.45	22.53	22.41		
1.4	64QAM	6	0	21.32	21.43	21.41	22.5	3
1.4	256QAM	1	0	19.35	19.42	19.40	20.5	5
1.4	256QAM	1	3	19.37	19.37	19.31		
1.4	256QAM	1	5	19.39	19.42	19.35		
1.4	256QAM	3	0	19.42	19.51	19.45		
1.4	256QAM	3	1	19.35	19.42	19.34		
1.4	256QAM	3	3	19.37	19.42	19.35		
1.4	256QAM	6	0	19.30	19.34	19.28	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.00	19.10	19.00	20.7	0
20	QPSK	1	49	18.88	18.90	18.83		
20	QPSK	1	99	18.89	19.04	18.83		
20	QPSK	50	0	18.86	19.05	18.97		
20	QPSK	50	24	18.91	18.95	18.99		
20	QPSK	50	50	18.90	19.04	18.83		
20	QPSK	100	0	18.96	19.00	18.94		
20	16QAM	1	0	18.98	19.06	18.87		
20	16QAM	1	49	18.85	18.85	18.77		
20	16QAM	1	99	18.83	18.93	18.77		
20	16QAM	50	0	18.82	18.92	18.93		
20	16QAM	50	24	18.83	18.92	18.96		
20	16QAM	50	50	18.85	18.92	18.77		
20	16QAM	100	0	18.85	18.86	18.80		
20	64QAM	1	0	18.97	19.00	18.88		
20	64QAM	1	49	18.82	18.77	18.79		
20	64QAM	1	99	18.75	18.96	18.75		
20	64QAM	50	0	18.74	18.96	18.85		
20	64QAM	50	24	18.87	18.88	18.97		
20	64QAM	50	50	18.83	18.96	18.76		
20	64QAM	100	0	18.87	18.96	18.72		
20	256QAM	1	0	16.96	17.04	16.99	18.7	2
20	256QAM	1	49	16.87	16.84	16.82		
20	256QAM	1	99	16.92	17.03	16.88		
20	256QAM	50	0	16.86	17.03	17.02		
20	256QAM	50	24	16.94	17.01	16.98		
20	256QAM	50	50	16.95	17.02	16.84		
20	256QAM	100	0	17.01	16.96	16.87		
Channel				132047	4	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.89	18.99	18.97	20.7	0
15	QPSK	1	37	18.76	18.82	18.70		
15	QPSK	1	74	18.87	19.01	18.74		
15	QPSK	36	0	18.76	19.03	18.92		
15	QPSK	36	20	18.77	18.82	18.87		
15	QPSK	36	39	18.81	18.93	18.80		
15	QPSK	75	0	18.89	18.98	18.75		
15	16QAM	1	0	18.87	19.01	18.76	20.7	0
15	16QAM	1	37	18.86	18.90	18.72		
15	16QAM	1	74	18.93	18.98	18.80		
15	16QAM	36	0	18.77	18.87	18.96		
15	16QAM	36	20	18.85	18.98	18.95		
15	16QAM	36	39	18.80	18.93	18.84		
15	16QAM	75	0	18.82	18.91	18.74		
15	64QAM	1	0	18.85	18.96	18.82	20.7	0
15	64QAM	1	37	18.80	18.96	18.86		
15	64QAM	1	74	18.88	18.98	18.91		
15	64QAM	36	0	18.79	19.02	18.82		
15	64QAM	36	20	18.79	18.80	18.86		
15	64QAM	36	39	18.70	18.94	18.63		
15	64QAM	75	0	18.74	18.93	18.64		
15	256QAM	1	0	16.92	17.01	16.92	18.7	2
15	256QAM	1	37	16.79	16.72	16.71		
15	256QAM	1	74	16.80	17.00	16.86		
15	256QAM	36	0	16.76	16.90	16.97		
15	256QAM	36	20	16.84	16.88	16.95		
15	256QAM	36	39	16.91	16.97	16.72		
15	256QAM	75	0	16.99	16.87	16.82		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.89	19.06	18.90	20.7	0
10	QPSK	1	25	18.84	18.83	18.75		
10	QPSK	1	49	18.77	18.93	18.80		
10	QPSK	25	0	18.74	18.99	18.88		
10	QPSK	25	12	18.83	18.84	18.96		
10	QPSK	25	25	18.87	18.96	18.71		
10	QPSK	50	0	18.82	18.89	18.81		
10	16QAM	1	0	18.95	18.93	18.82	20.7	0
10	16QAM	1	25	18.75	18.75	18.74		
10	16QAM	1	49	18.74	18.85	18.71		
10	16QAM	25	0	18.82	18.81	18.81	20.7	0
10	16QAM	25	12	18.92	18.96	18.82		
10	16QAM	25	25	18.83	18.97	18.85		
10	16QAM	50	0	18.84	18.82	18.72		
10	64QAM	1	0	18.86	18.93	18.79	20.7	0
10	64QAM	1	25	18.74	18.95	18.91		
10	64QAM	1	49	18.84	18.93	18.98		
10	64QAM	25	0	18.77	18.96	18.81	20.7	0
10	64QAM	25	12	18.83	18.80	18.88		
10	64QAM	25	25	18.76	18.84	18.65		
10	64QAM	50	0	18.74	18.85	18.59		
10	256QAM	1	0	16.84	16.99	16.93	18.7	2
10	256QAM	1	25	16.78	16.76	16.76		
10	256QAM	1	49	16.87	16.97	16.80		
10	256QAM	25	0	16.83	16.89	16.98	18.7	2
10	256QAM	25	12	16.90	16.90	16.89		
10	256QAM	25	25	16.93	16.97	16.77		
10	256QAM	50	0	16.91	16.87	16.74		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.92	19.00	18.93	20.7	0
5	QPSK	1	12	18.82	18.80	18.76		
5	QPSK	1	24	18.75	18.91	18.77		
5	QPSK	12	0	18.76	19.01	18.93	20.7	0
5	QPSK	12	7	18.82	18.89	18.93		
5	QPSK	12	13	18.81	18.98	18.74		
5	QPSK	25	0	18.83	18.93	18.80		
5	16QAM	1	0	18.94	19.03	18.82	20.7	0
5	16QAM	1	12	18.74	18.72	18.75		
5	16QAM	1	24	18.74	18.89	18.72		
5	16QAM	12	0	18.86	18.88	18.77	20.7	0
5	16QAM	12	7	18.93	18.94	18.85		
5	16QAM	12	13	18.74	18.94	18.84		
5	16QAM	25	0	18.79	18.88	18.77		
5	64QAM	1	0	18.83	18.90	18.78	20.7	0
5	64QAM	1	12	18.75	18.91	18.87		
5	64QAM	1	24	18.89	18.98	18.94		
5	64QAM	12	0	18.76	18.97	18.79	20.7	0
5	64QAM	12	7	18.78	18.82	18.90		
5	64QAM	12	13	18.80	18.85	18.72		
5	64QAM	25	0	18.76	18.86	18.60		
5	256QAM	1	0	16.87	16.97	16.89	18.7	2
5	256QAM	1	12	16.79	16.80	16.74		
5	256QAM	1	24	16.84	16.91	16.78		
5	256QAM	12	0	16.72	16.94	16.90	18.7	2
5	256QAM	12	7	16.87	16.97	16.89		
5	256QAM	12	13	16.89	16.94	16.74		
5	256QAM	25	0	16.92	16.86	16.83		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.92	19.03	18.87	20.7	0
3	QPSK	1	8	18.75	18.78	18.79		
3	QPSK	1	14	18.85	18.95	18.77		
3	QPSK	8	0	18.73	19.00	18.87	20.7	0
3	QPSK	8	4	18.82	18.82	18.86		
3	QPSK	8	7	18.81	18.96	18.70		
3	QPSK	15	0	18.88	18.89	18.82		
3	16QAM	1	0	18.80	19.02	18.73	20.7	0
3	16QAM	1	8	18.82	18.87	18.72		
3	16QAM	1	14	18.93	18.91	18.83		
3	16QAM	8	0	18.76	18.91	18.90	20.7	0
3	16QAM	8	4	18.82	18.99	18.94		
3	16QAM	8	7	18.86	19.03	18.87		
3	16QAM	15	0	18.87	18.83	18.80	20.7	0
3	64QAM	1	0	18.91	18.89	18.83		
3	64QAM	1	8	18.73	18.93	18.93		
3	64QAM	1	14	18.85	18.97	18.91		
3	64QAM	8	0	18.80	18.92	18.83	20.7	0
3	64QAM	8	4	18.82	18.81	18.92		
3	64QAM	8	7	18.90	18.94	18.69		
3	64QAM	15	0	18.80	18.91	18.59		
3	256QAM	1	0	16.92	16.91	16.96	18.7	2
3	256QAM	1	8	16.76	16.79	16.73		
3	256QAM	1	14	16.87	16.96	16.83		
3	256QAM	8	0	16.79	16.94	16.98	18.7	2
3	256QAM	8	4	16.87	16.88	16.84		
3	256QAM	8	7	16.87	16.93	16.74		
3	256QAM	15	0	16.97	16.90	16.80		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.98	18.97	18.91	20.7	0
1.4	QPSK	1	3	18.85	18.87	18.78		
1.4	QPSK	1	5	18.75	19.01	18.73		
1.4	QPSK	3	0	18.76	18.94	18.93		
1.4	QPSK	3	1	18.80	18.82	18.88		
1.4	QPSK	3	3	18.88	18.98	18.72		
1.4	QPSK	6	0	18.83	18.95	18.82	20.7	0
1.4	16QAM	1	0	18.94	18.95	18.77	20.7	0
1.4	16QAM	1	3	18.93	18.92	18.86		
1.4	16QAM	1	5	18.97	19.04	18.86		
1.4	16QAM	3	0	18.77	18.92	19.00		
1.4	16QAM	3	1	18.89	19.03	18.98		
1.4	16QAM	3	3	18.88	19.08

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BW [MHz]	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	23.08	23.24	22.93	23.7	0
20	QPSK	1	49	23.02	23.00	22.95		
20	QPSK	1	99	23.03	23.09	23.07		
20	QPSK	50	0	23.07	23.15	23.06	23.7	0
20	QPSK	50	24	22.90	23.05	22.91		
20	QPSK	50	50	23.06	23.06	22.97		
20	QPSK	100	0	23.05	23.06	22.97		
20	16QAM	1	0	22.97	23.22	22.79	23.7	0
20	16QAM	1	49	22.92	22.89	22.88		
20	16QAM	1	99	22.93	22.96	22.96		
20	16QAM	50	0	23.05	23.11	22.93	23.7	0
20	16QAM	50	24	22.87	23.00	22.81		
20	16QAM	50	50	23.03	23.02	22.95		
20	16QAM	100	0	22.97	22.96	22.90		
20	64QAM	1	0	22.97	23.12	22.90	23.7	0
20	64QAM	1	49	22.98	22.87	22.92		
20	64QAM	1	99	22.96	23.05	23.02		
20	64QAM	50	0	22.14	22.21	21.96	22.7	1
20	64QAM	50	24	21.98	22.06	21.91		
20	64QAM	50	50	21.98	22.09	22.11		
20	64QAM	100	0	22.05	22.18	22.12		
20	256QAM	1	0	20.05	20.22	19.92	20.7	3
20	256QAM	1	49	19.97	20.05	19.89		
20	256QAM	1	99	20.00	20.10	20.08		
20	256QAM	50	0	20.13	20.13	20.07	20.7	3
20	256QAM	50	24	19.89	20.09	19.96		
20	256QAM	50	50	20.11	20.24	19.96		
20	256QAM	100	0	20.06	19.97	19.93		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.02	23.22	22.87	23.7	0
15	QPSK	1	37	22.94	22.94	22.91		
15	QPSK	1	74	22.94	23.04	23.03		
15	QPSK	36	0	22.99	23.10	22.98	23.7	0
15	QPSK	36	20	22.80	22.95	22.85		
15	QPSK	36	39	23.01	23.04	22.95		
15	QPSK	75	0	23.01	22.96	22.88		
15	16QAM	1	0	22.93	23.18	22.74	23.7	0
15	16QAM	1	37	22.84	22.78	22.80		
15	16QAM	1	74	22.91	22.95	22.86		
15	16QAM	36	0	22.94	23.01	22.88	23.7	0
15	16QAM	36	20	22.83	22.93	22.77		
15	16QAM	36	39	22.99	22.93	22.85		
15	16QAM	75	0	22.95	22.86	22.84		
15	64QAM	1	0	22.87	23.04	22.81	23.7	0
15	64QAM	1	37	22.91	22.80	22.91		
15	64QAM	1	74	22.91	22.98	23.00		
15	64QAM	36	0	22.10	22.15	21.92	22.7	1
15	64QAM	36	20	21.92	21.96	21.85		
15	64QAM	36	39	21.94	22.05	22.05		
15	64QAM	75	0	21.95	22.12	22.07		
15	256QAM	1	0	19.99	20.17	19.86	20.7	3
15	256QAM	1	37	19.88	19.97	19.79		
15	256QAM	1	74	19.90	20.06	20.01		
15	256QAM	36	0	20.11	20.02	19.99	20.7	3
15	256QAM	36	20	19.82	20.02	19.86		
15	256QAM	36	39	20.08	20.14	19.89		
15	256QAM	75	0	20.02	19.95	19.88		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.03	23.14	22.85	23.7	0
10	QPSK	1	25	22.92	22.94	22.85		
10	QPSK	1	49	23.01	23.07	23.02		
10	QPSK	25	0	23.04	23.09	23.00	23.7	0
10	QPSK	25	12	22.87	22.97	22.81		
10	QPSK	25	25	22.98	23.01	22.94		
10	QPSK	50	0	22.98	22.99	22.87		
10	16QAM	1	0	22.88	23.19	22.68	23.7	0
10	16QAM	1	25	22.86	22.81	22.79		
10	16QAM	1	49	22.85	22.91	22.92		
10	16QAM	25	0	22.96	23.06	22.83	23.7	0
10	16QAM	25	12	22.81	22.92	22.75		
10	16QAM	25	25	22.92	22.92	22.89		
10	16QAM	50	0	22.94	22.86	22.88		
10	64QAM	1	0	22.93	23.10	22.87	23.7	0
10	64QAM	1	25	22.88	22.80	22.90		
10	64QAM	1	49	22.89	22.95	22.97		
10	64QAM	25	0	22.11	22.13	21.91	22.7	1
10	64QAM	25	12	21.90	22.01	21.82		
10	64QAM	25	25	21.87	22.02	22.09		
10	64QAM	50	0	21.97	22.13	22.04		
10	256QAM	1	0	19.95	20.21	19.85	20.7	3
10	256QAM	1	25	19.90	19.94	19.81		
10	256QAM	1	49	19.96	20.08	20.06		
10	256QAM	25	0	20.03	20.04	19.99	20.7	3
10	256QAM	25	12	19.83	20.04	19.92		
10	256QAM	25	25	20.03	20.22	19.93		
10	256QAM	50	0	19.98	19.92	19.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.05	23.21	22.86	23.7	0
5	QPSK	1	12	22.95	22.94	22.84		
5	QPSK	1	24	22.93	23.00	23.06		
5	QPSK	12	0	22.99	23.10	23.03	23.7	0
5	QPSK	12	7	22.79	22.97	22.87		
5	QPSK	12	13	22.99	23.03	22.87		
5	QPSK	25	0	23.01	22.97	22.91		
5	16QAM	1	0	22.92	23.15	22.73	23.7	0
5	16QAM	1	12	22.89	22.85	22.82		
5	16QAM	1	24	22.92	22.86	22.88		
5	16QAM	12	0	22.97	23.08	22.92	23.7	0
5	16QAM	12	7	22.76	22.97	22.73		
5	16QAM	12	13	22.92	22.97	22.89		
5	16QAM	25	0	22.95	22.90	22.83		
5	64QAM	1	0	22.91	23.08	22.81	23.7	0
5	64QAM	1	12	22.90	22.83	22.85		
5	64QAM	1	24	22.94	22.99	22.98		
5	64QAM	12	0	22.11	22.16	21.95	22.7	1
5	64QAM	12	7	21.96	22.00	21.88		
5	64QAM	12	13	21.90	21.99	22.08		
5	64QAM	25	0	22.00	22.09	22.02		
5	256QAM	1	0	19.96	20.12	19.81	20.7	3
5	256QAM	1	12	19.88	19.99	19.79		
5	256QAM	1	24	19.91	20.06	20.05		
5	256QAM	12	0	20.10	20.07	19.96	20.7	3
5	256QAM	12	7	19.82	20.05	19.90		
5	256QAM	12	13	20.00	20.15	19.92		
5	256QAM	25	0	20.02	19.90	19.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.02	23.09	23.25	22.74	22.70	23.7	0
20	QPSK	1	49	23.10	22.99	23.08	23.01	23.06		
20	QPSK	1	99	23.13	23.02	23.12	23.11	23.06		
20	QPSK	50	0	23.09	23.12	23.23	23.08	23.08	23.7	0
20	QPSK	50	24	23.02	23.10	23.05	23.04	23.06		
20	QPSK	50	50	22.99	23.01	23.21	23.07	23.08		
20	QPSK	100	0	23.16	22.98	23.20	23.13	23.01		
20	16QAM	1	0	22.89	23.04	23.11	22.61	22.58	23.7	0
20	16QAM	1	49	22.95	23.03	23.23	22.63	22.62		
20	16QAM	1	99	23.05	22.88	22.99	22.99	22.94		
20	16QAM	50	0	22.89	23.04	23.20	22.61	22.64	23.7	0
20	16QAM	50	24	22.98	23.06	23.18	22.66	22.64		
20	16QAM	50	50	23.04	22.95	23.04	22.96	22.98		
20	16QAM	100	0	23.07	22.97	23.01	22.99	23.01		
20	64QAM	1	0	22.97	23.02	23.21	23.03	22.95	23.7	0
20	64QAM	1	49	22.89	23.01	22.93	22.97	23.00		
20	64QAM	1	99	22.92	22.94	23.10	22.97	23.00		
20	64QAM	50	0	22.02	22.12	22.28	21.70	21.70	22.7	1
20	64QAM	50	24	22.08	22.05	22.13	21.99	22.12		
20	64QAM	50	50	22.14	22.01	22.11	22.07	22.02		
20	64QAM	100	0	22.12	22.14	22.22	22.03	22.08		
20	256QAM	1	0	19.98	20.05	20.25	19.70	19.69	20.7	3
20	256QAM	1	49	20.11	20.04	20.11	20.00	20.00		
20	256QAM	1	99	20.08	19.98	20.18	20.11	20.09		
20	256QAM	50	0	20.08	20.11	20.27	20.05	20.05	20.7	3
20	256QAM	50	24	20.00	20.07	20.01	20.08	20.04		
20	256QAM	50	50	19.98	20.04	20.15	20.08	20.11		
20	256QAM	100	0	20.18	20.02	20.23	20.17	20.03		
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	22.96	23.04	23.21	22.71	22.67	24	0
15	QPSK	1	37	23.01	22.94	23.03	22.97	22.98		
15	QPSK	1	74	23.07	22.92	23.04	23.05	22.97		
15	QPSK	36	0	23.04	23.10	23.12	23.03	23.07	23.7	0
15	QPSK	36	20	22.96	23.03	23.03	22.96	22.95		
15	QPSK	36	39	22.98	22.91	23.16	23.05	23.00		
15	QPSK	75	0	23.08	22.89	23.10	23.05	22.97		
15	16QAM	1	0	22.83	23.00	23.02	22.51	22.48	23.7	0
15	16QAM	1	37	22.92	22.97	23.16	22.52	22.57		
15	16QAM	1	74	23.00	22.81	22.96	22.93	22.88		
15	16QAM	36	0	22.79	22.99	23.18	22.52	22.61	23.7	0
15	16QAM	36	20	22.88	22.98	23.15	22.61	22.54		
15	16QAM	36	39	22.99	22.92	22.94	22.86	22.88		
15	16QAM	75	0	23.04	22.91	22.95	22.89	22.91		
15	64QAM	1	0	22.87	22.94	23.12	22.93	22.92	23.7	0
15	64QAM	1	37	22.87	22.94	22.90	22.94	22.95		
15	64QAM	1	74	22.84	22.88	23.03	22.93	22.99		
15	64QAM	36	0	21.94	22.09	22.20	21.60	21.60	22.7	1
15	64QAM	36	20	22.00	22.00	22.08	21.88	22.01		
15	64QAM	36	39	22.10	21.99	22.00	21.99	21.92		
15	64QAM	75	0	22.06	22.04	22.19	22.00	22.06		
15	256QAM	1	0	19.90	20.04	20.16	19.67	19.59	20.7	3
15	256QAM	1	37	20.02	19.93	20.02	19.93	19.93		
15	256QAM	1	74	19.98	19.89	20.08	20.06	20.07		
15	256QAM	36	0	19.98	20.01	20.25	20.03	19.98	20.7	3
15	256QAM	36	20	19.92	20.04	19.99	20.05	19.97		
15	256QAM	36	39	19.95	19.96	20.05	20.04	20.06		
15	256QAM	75	0	20.16	19.92	20.14	20.14	19.94		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.01	23.07	23.20	22.65	22.64	24	0
10	QPSK	1	25	23.02	22.89	22.98	22.91	22.97		
10	QPSK	1	49	23.09	22.95	23.08	23.03	23.05		
10	QPSK	25	0	23.07	23.11	23.20	23.00	23.02	23.7	0
10	QPSK	25	12	23.00	23.02	22.94	22.99	23.02		
10	QPSK	25	25	22.97	22.91	23.14	23.02	23.05		
10	QPSK	50	0	23.12	22.94	23.16	23.11	22.99		
10	16QAM	1	0	22.79	22.95	23.08	22.56	22.51	23.7	0
10	16QAM	1	25	22.94	23.02	23.19	22.60	22.58		
10	16QAM	1	49	23.02	22.81	22.95	22.91	22.89		
10	16QAM	25	0	22.78	23.03	23.13	22.57	22.61	23.7	0
10	16QAM	25	12	22.93	23.04	23.12	22.64	22.61		
10	16QAM	25	25	22.98	22.89	22.99	22.89	22.96		
10	16QAM	50	0	23.06	22.92	22.91	22.93	22.93		
10	64QAM	1	0	22.90	22.93	23.11	22.94	22.86	23.7	0
10	64QAM	1	25	22.82	22.95	22.84	22.96	22.92		
10	64QAM	1	49	22.87	22.89	23.03	22.86	22.93		
10	64QAM	25	0	22.00	22.02	22.24	21.63	21.59	22.7	1
10	64QAM	25	12	22.04	21.97	22.09	21.97	22.04		
10	64QAM	25	25	22.05	22.00	22.03	22.01	21.99		
10	64QAM	50	0	22.04	22.08	22.20	21.96	22.06		
10	256QAM	1	0	19.97	19.99	20.19	19.66	19.58	20.7	3
10	256QAM	1	25	20.09	19.94	20.09	19.96	19.96		
10	256QAM	1	49	19.98	19.93	20.13	20.06	20.00		
10	256QAM	25	0	20.02	20.06	20.22	19.98	19.97	20.7	3
10	256QAM	25	12	19.93	20.04	19.92	20.04	19.96		
10	256QAM	25	25	19.93	19.96	20.13	20.05	20.05		
10	256QAM	50	0	20.11	19.99	20.22	20.10	20.02		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.92	23.00	23.23	22.69	22.61	24	0
5	QPSK	1	12	23.07	22.96	23.03	22.91	23.02		
5	QPSK	1	24	23.09	22.93	23.10	23.09	22.95		
5	QPSK	12	0	23.05	23.07	23.14	23.04	22.97	23.7	0
5	QPSK	12	7	22.95	23.05	23.03	22.99	22.97		
5	QPSK	12	13	22.90	22.94	23.17	22.98	23.03		
5	QPSK	25	0	23.10	22.93	23.14	23.11	22.95		
5	16QAM	1	0	22.84	22.98	23.05	22.56	22.55	23.7	0
5	16QAM	1	12	22.87	22.96	23.20	22.54	22.54		
5	16QAM	1	24	22.97	22.83	22.90	22.91	22.91		
5	16QAM	12	0	22.79	22.94	23.16	22.51	22.61	23.7	0
5	16QAM	12	7	22.89	22.97	23.15	22.62	22.61		
5	16QAM	12	13	22.94	22.84	23.00	22.94	22.94		
5	16QAM	25	0	23.01	22.88	23.00	22.92	22.91		
5	64QAM	1	0	22.88	22.99	23.19	22.98	22.93	23.7	0
5	64QAM	1	12	22.78	23.00	22.85	22.90	22.90		
5	64QAM	1	24	22.91	22.88	23.01	22.95	22.89		
5	64QAM	12	0	21.96	22.10	22.26	21.60	21.60	22.7	1
5	64QAM	12	7	22.03	22.01	22.06	21.93	22.02		
5	64QAM	12	13	22.10	21.97	22.06	22.06	21.94		
5	64QAM	25	0	22.08	22.11	22.20	21.94	22.01		
5	256QAM	1	0	19.93	19.97	20.23	19.60	19.60	20.7	3
5	256QAM	1	12	20.09	19.98	20.04	19.98	19.95		
5	256QAM	1	24	19.98	19.92	20.14	20.00	19.99		
5	256QAM	12	0	20.03	20.02	20.22	20.02	20.03	20.7	3
5	256QAM	12	7	19.92	19.99	19.97	20.07	20.02		
5	256QAM	12	13	19.92	19.99	20.04	20.00	20.04		
5	256QAM	25	0	20.08	19.94	20.15	20.13	19.94		

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BW [MHz]	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	20.60	20.85	20.64	22.5	0
20	QPSK	1	49	20.70	20.69	20.70		
20	QPSK	1	99	20.60	20.76	20.81		
20	QPSK	50	0	20.59	20.81	20.79	22.5	0
20	QPSK	50	24	20.66	20.78	20.78		
20	QPSK	50	50	20.64	20.70	20.74		
20	QPSK	100	0	20.61	20.79	20.78		
20	16QAM	1	0	20.66	20.75	20.64	22.5	0
20	16QAM	1	49	20.57	20.57	20.63		
20	16QAM	1	99	20.50	20.64	20.76		
20	16QAM	50	0	19.54	19.81	19.66	21.5	1
20	16QAM	50	24	19.72	19.70	19.68		
20	16QAM	50	50	19.64	19.78	19.81		
20	16QAM	100	0	19.55	19.83	19.83		
20	64QAM	1	0	19.68	19.82	19.81	21.5	1
20	64QAM	1	49	19.64	19.64	19.68		
20	64QAM	1	99	19.63	19.84	19.77		
20	64QAM	50	0	18.59	18.83	18.68	20.5	2
20	64QAM	50	24	18.73	18.72	18.75		
20	64QAM	50	50	18.59	18.81	18.78		
20	64QAM	100	0	18.59	18.77	18.80		
20	256QAM	1	0	16.66	16.90	16.64	18.5	4
20	256QAM	1	49	16.64	16.72	16.68		
20	256QAM	1	99	16.63	16.76	16.76		
20	256QAM	50	0	16.57	16.78	16.75	18.5	4
20	256QAM	50	24	16.70	16.77	16.75		
20	256QAM	50	50	16.60	16.67	16.75		
20	256QAM	100	0	16.61	16.78	16.80		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.53	20.82	20.62	22.5	0
15	QPSK	1	37	20.62	20.63	20.64		
15	QPSK	1	74	20.57	20.72	20.77		
15	QPSK	36	0	20.54	20.77	20.76	22.5	0
15	QPSK	36	20	20.58	20.70	20.74		
15	QPSK	36	39	20.55	20.67	20.65		
15	QPSK	75	0	20.59	20.75	20.72		
15	16QAM	1	0	20.56	20.69	20.63	22.5	0
15	16QAM	1	37	20.54	20.51	20.57		
15	16QAM	1	74	20.52	20.56	20.75		
15	16QAM	36	0	19.64	19.73	19.65	21.5	1
15	16QAM	36	20	19.80	19.67	19.60		
15	16QAM	36	39	19.70	19.75	19.77		
15	16QAM	75	0	19.54	19.81	19.75		
15	64QAM	1	0	19.65	19.74	19.76	21.5	1
15	64QAM	1	37	19.68	19.58	19.62		
15	64QAM	1	74	19.59	19.81	19.69		
15	64QAM	36	0	18.66	18.79	18.62	20.5	2
15	64QAM	36	20	18.81	18.67	18.70		
15	64QAM	36	39	18.57	18.78	18.73		
15	64QAM	75	0	18.55	18.68	18.70		
15	256QAM	1	0	16.70	16.83	16.61	18.5	4
15	256QAM	1	37	16.63	16.70	16.60		
15	256QAM	1	74	16.68	16.74	16.67		
15	256QAM	36	0	16.54	16.77	16.66	18.5	4
15	256QAM	36	20	16.70	16.72	16.69		
15	256QAM	36	39	16.62	16.61	16.74		
15	256QAM	75	0	16.66	16.69	16.72		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.58	20.79	20.61	22.5	0
10	QPSK	1	25	20.60	20.66	20.63		
10	QPSK	1	49	20.52	20.73	20.77		
10	QPSK	25	0	20.50	20.77	20.73	22.5	0
10	QPSK	25	12	20.59	20.76	20.73		
10	QPSK	25	25	20.55	20.63	20.68		
10	QPSK	50	0	20.52	20.69	20.72		
10	16QAM	1	0	20.55	20.71	20.58	22.5	0
10	16QAM	1	25	20.55	20.52	20.54		
10	16QAM	1	49	20.54	20.61	20.66		
10	16QAM	25	0	19.66	19.79	19.56	21.5	1
10	16QAM	25	12	19.76	19.60	19.64		
10	16QAM	25	25	19.70	19.71	19.77		
10	16QAM	50	0	19.58	19.81	19.75		
10	64QAM	1	0	19.68	19.73	19.72	21.5	1
10	64QAM	1	25	19.66	19.58	19.59		
10	64QAM	1	49	19.64	19.82	19.68		
10	64QAM	25	0	18.63	18.74	18.61	20.5	2
10	64QAM	25	12	18.79	18.63	18.67		
10	64QAM	25	25	18.65	18.74	18.68		
10	64QAM	50	0	18.63	18.69	18.77		
10	256QAM	1	0	16.71	16.80	16.54	18.5	4
10	256QAM	1	25	16.65	16.70	16.60		
10	256QAM	1	49	16.67	16.74	16.70		
10	256QAM	25	0	16.58	16.74	16.67	18.5	4
10	256QAM	25	12	16.71	16.71	16.74		
10	256QAM	25	25	16.57	16.59	16.67		
10	256QAM	50	0	16.69	16.73	16.71		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.52	20.75	20.61	22.5	0
5	QPSK	1	12	20.62	20.67	20.59		
5	QPSK	1	24	20.51	20.71	20.71		
5	QPSK	12	0	20.56	20.70	20.71	22.5	0
5	QPSK	12	7	20.72	20.73	20.72		
5	QPSK	12	13	20.74	20.63	20.67		
5	QPSK	25	0	20.61	20.76	20.73		
5	16QAM	1	0	20.78	20.67	20.59	22.5	0
5	16QAM	1	12	20.62	20.55	20.61		
5	16QAM	1	24	20.53	20.54	20.67		
5	16QAM	12	0	19.54	19.77	19.59	21.5	1
5	16QAM	12	7	19.83	19.59	19.63		
5	16QAM	12	13	19.68	19.70	19.76		
5	16QAM	25	0	19.59	19.76	19.72		
5	64QAM	1	0	19.68	19.80	19.75	21.5	1
5	64QAM	1	12	19.71	19.57	19.67		
5	64QAM	1	24	19.61	19.79	19.73		
5	64QAM	12	0	18.65	18.77	18.61	20.5	2
5	64QAM	12	7	18.70	18.62	18.73		
5	64QAM	12	13	18.68	18.73	18.70		
5	64QAM	25	0	18.59	18.69	18.74		
5	256QAM	1	0	16.68	16.88	16.57	18.5	4
5	256QAM	1	12	16.56	16.69	16.60		
5	256QAM	1	24	16.55	16.66	16.68		
5	256QAM	12	0	16.53	16.68	16.66	18.5	4
5	256QAM	12	7	16.68	16.74	16.66		
5	256QAM	12	13	16.55	16.59	16.72		
5	256QAM	25	0	16.56	16.75	16.70		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.05	22.19	22.01	22.15	23.8	0
20	QPSK	1	49	22.09	22.17	22.12	22.15		
20	QPSK	1	99	22.09	22.15	22.09	22.10		
20	QPSK	50	0	21.08	21.33	21.11	21.12	22.8	1
20	QPSK	50	24	21.13	21.21	21.12	21.16		
20	QPSK	50	50	21.08	21.16	21.07	21.12		
20	QPSK	100	0	21.00	21.07	20.97	20.97		
20	16QAM	1	0	21.04	21.12	21.08	21.06	22.8	1
20	16QAM	1	49	21.11	21.14	21.03	21.08		
20	16QAM	1	99	21.17	21.19	21.17	21.17		
20	16QAM	50	0	20.14	20.22	20.16	20.16	21.8	2
20	16QAM	50	24	20.12	20.16	20.05	20.15		
20	16QAM	50	50	20.19	20.23	20.17	20.13		
20	16QAM	100	0	20.17	20.18	20.13	20.10		
20	64QAM	1	0	20.08	20.18	20.10	20.15	21.8	2
20	64QAM	1	49	20.22	20.24	20.14	20.20		
20	64QAM	1	99	20.18	20.21	20.14	20.14		
20	64QAM	50	0	19.18	19.24	19.15	19.14	20.8	3
20	64QAM	50	24	19.08	19.17	19.13	19.10		
20	64QAM	50	50	19.12	19.17	19.09	19.06		
20	64QAM	100	0	19.09	19.18	19.14	19.12		
20	256QAM	1	0	17.17	17.23	17.17	17.14	18.8	5
20	256QAM	1	49	17.16	17.21	17.11	17.12		
20	256QAM	1	99	17.14	17.22	17.12	17.11		
20	256QAM	50	0	17.15	17.18	17.09	17.11	18.8	5
20	256QAM	50	24	17.18	17.20	17.19	17.19		
20	256QAM	50	50	17.10	17.15	17.06	17.13		
20	256QAM	100	0	17.10	17.16	17.12	17.13		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.97	22.12	21.93	22.10	23.8	0
15	QPSK	1	37	22.00	22.06	22.03	22.12		
15	QPSK	1	74	22.02	22.09	22.05	22.04		
15	QPSK	36	0	21.03	21.12	21.06	21.12	22.8	1
15	QPSK	36	20	21.07	21.13	21.06	21.04		
15	QPSK	36	39	20.98	21.05	21.03	21.07		
15	QPSK	75	0	20.99	21.00	20.91	20.89		
15	16QAM	1	0	20.97	21.03	21.01	21.00	22.8	1
15	16QAM	1	37	21.06	21.03	20.93	20.98		
15	16QAM	1	74	21.15	21.11	21.06	21.14		
15	16QAM	36	0	20.05	20.20	20.10	20.10	21.8	2
15	16QAM	36	20	20.09	20.14	19.95	20.07		
15	16QAM	36	39	20.09	20.21	20.12	20.06		
15	16QAM	75	0	20.06	20.16	20.10	20.05		
15	64QAM	1	0	20.01	20.08	20.08	20.10	21.8	2
15	64QAM	1	37	20.12	20.18	20.09	20.15		
15	64QAM	1	74	20.11	20.19	20.12	20.05		
15	64QAM	36	0	19.11	19.17	19.11	19.10	20.8	3
15	64QAM	36	20	19.02	19.11	19.10	19.03		
15	64QAM	36	39	19.02	19.08	19.06	19.04		
15	64QAM	75	0	18.99	19.13	19.12	19.04		
15	256QAM	1	0	17.16	17.17	17.09	17.07	18.8	5
15	256QAM	1	37	17.09	17.13	17.08	17.02		
15	256QAM	1	74	17.04	17.16	17.02	17.08		
15	256QAM	36	0	17.12	17.11	16.98	17.04	18.8	5
15	256QAM	36	20	17.09	17.13	17.16	17.15		
15	256QAM	36	39	17.07	17.05	17.03	17.05		
15	256QAM	75	0	17.07	17.13	17.05	17.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.99	22.15	21.95	22.11	23.8	0
10	QPSK	1	25	22.05	22.11	22.10	22.10		
10	QPSK	1	49	22.05	22.12	22.02	22.04		
10	QPSK	25	0	21.03	21.14	21.05	21.08	22.8	1
10	QPSK	25	12	21.06	21.11	21.08	21.08		
10	QPSK	25	25	20.99	21.14	20.96	21.03		
10	QPSK	50	0	20.98	20.96	20.94	20.96		
10	16QAM	1	0	21.01	21.04	20.97	20.96	22.8	1
10	16QAM	1	25	21.01	21.05	20.94	20.98		
10	16QAM	1	49	21.14	21.16	21.09	21.07		
10	16QAM	25	0	20.04	20.16	20.08	20.13	21.8	2
10	16QAM	25	12	20.04	20.05	19.96	20.06		
10	16QAM	25	25	20.12	20.21	20.09	20.08		
10	16QAM	50	0	20.15	20.13	20.02	20.00		
10	64QAM	1	0	20.01	20.13	20.08	20.14	21.8	2
10	64QAM	1	25	20.18	20.15	20.08	20.09		
10	64QAM	1	49	20.08	20.12	20.06	20.10		
10	64QAM	25	0	19.07	19.22	19.13	19.06	20.8	3
10	64QAM	25	12	19.03	19.06	19.09	19.00		
10	64QAM	25	25	19.11	19.06	19.03	18.98		
10	64QAM	50	0	19.04	19.12	19.05	19.11		
10	256QAM	1	0	17.10	17.17	17.12	17.06	18.8	5
10	256QAM	1	25	17.07	17.16	17.08	17.11		
10	256QAM	1	49	17.10	17.21	17.07	17.05		
10	256QAM	25	0	17.08	17.14	17.03	17.04	18.8	5
10	256QAM	25	12	17.17	17.10	17.12	17.16		
10	256QAM	25	25	17.02	17.04	17.01	17.06		
10	256QAM	50	0	17.01	17.06	17.09	17.09		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.98	22.10	21.91	22.12	23.8	0
5	QPSK	1	12	22.06	22.15	22.09	22.10		
5	QPSK	1	24	22.07	22.06	22.06	22.05		
5	QPSK	12	0	21.03	21.15	21.06	21.08	22.8	1
5	QPSK	12	7	20.98	21.13	21.00	21.04		
5	QPSK	12	13	20.97	21.13	20.99	21.01		
5	QPSK	25	0	20.93	21.01	20.95	20.88		
5	16QAM	1	0	20.94	21.03	20.99	20.99	22.8	1
5	16QAM	1	12	21.01	21.09	20.95	21.06		
5	16QAM	1	24	21.13	21.14	21.11	21.07		
5	16QAM	12	0	20.03	20.18	20.08	20.10	21.8	2
5	16QAM	12	7	20.03	20.06	19.99	20.11		
5	16QAM	12	13	20.08	20.18	20.15	20.03		
5	16QAM	25	0	20.09	20.08	20.10	20.00		
5	64QAM	1	0	20.02	20.13	20.06	20.07	21.8	2
5	64QAM	1	12	20.20	20.21	20.08	20.10		
5	64QAM	1	24	20.10	20.11	20.04	20.08		
5	64QAM	12	0	19.12	19.21	19.07	19.08	20.8	3
5	64QAM	12	7	19.02	19.11	19.04	19.03		
5	64QAM	12	13	19.10	19.08	19.06	19.02		
5	64QAM	25	0	19.07	19.08	19.08	19.03		
5	256QAM	1	0	17.12	17.13	17.07	17.09	18.8	5
5	256QAM	1	12	17.09	17.18	17.08	17.08		
5	256QAM	1	24	17.10	17.18	17.07	17.08		
5	256QAM	12	0	17.06	17.09	17.07	17.01	18.8	5
5	256QAM	12	7	17.09	17.15	17.11	17.09		
5	256QAM	12	13	17.03	17.09	17.02	17.10		
5	256QAM	25	0	17.06	17.11	17.11	17.03		

GSM1900 Ant5 DSI6

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.67	29.21	29.24	30.50	19.87	20.21	20.24	21.50
GPRS 1 Tx slot	29.15	29.30	29.04	30.50	20.15	20.30	20.04	21.50
GPRS 2 Tx slots	26.02	26.11	26.08	27.50	20.02	20.11	20.08	21.50
GPRS 3 Tx slots	24.00	24.07	23.97	25.70	19.74	19.81	19.71	21.44
GPRS 4 Tx slots	22.52	22.60	22.59	24.50	19.52	19.60	19.59	21.50
EDGE 1 Tx slot	24.35	24.39	24.35	25.50	15.35	15.39	15.35	16.50
EDGE 2 Tx slots	21.93	22.01	21.99	22.50	15.93	16.01	15.99	16.50
EDGE 3 Tx slots	20.19	20.27	20.19	20.70	15.93	16.01	15.93	16.44
EDGE 4 Tx slots	18.75	18.83	18.77	19.50	15.75	15.83	15.77	16.50

WCDMA II Ant5 DSI6

WCDMA IV Ant5 DSI6

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	20.97	21.12	20.86	22.00	21.55	21.59	21.45	22.50
3GPP Rel 99	RMC 12.2Kbps	21.02	21.20	20.94	22.00	21.59	21.66	21.57	22.50
3GPP Rel 6	HSDPA Subtest-1	19.81	20.26	19.96	21.00	20.50	20.76	20.58	21.50
3GPP Rel 6	HSDPA Subtest-2	19.85	20.09	20.13	21.00	20.45	20.75	20.63	21.50
3GPP Rel 6	HSDPA Subtest-3	19.45	19.64	19.39	20.50	20.02	20.31	19.99	21.00
3GPP Rel 6	HSDPA Subtest-4	19.42	19.47	19.41	20.50	19.99	20.03	20.01	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.91	19.93	19.72	21.00	20.55	20.59	20.37	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	19.77	19.96	20.08	21.00	20.33	20.54	20.62	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.57	19.53	19.59	20.50	20.16	20.18	20.15	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.57	19.38	19.45	20.50	20.11	20.05	20.05	21.00
3GPP Rel 6	HSUPA Subtest-1	19.98	20.03	20.07	21.00	20.57	20.68	20.59	21.50
3GPP Rel 6	HSUPA Subtest-2	17.90	18.06	18.14	19.00	18.57	18.60	18.63	19.50
3GPP Rel 6	HSUPA Subtest-3	18.92	19.09	19.04	20.00	19.52	19.65	19.64	20.50
3GPP Rel 6	HSUPA Subtest-4	17.75	18.07	17.85	19.00	18.35	18.79	18.45	19.50
3GPP Rel 6	HSUPA Subtest-5	19.74	20.11	19.99	21.00	20.35	20.73	20.50	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.38	17.36	17.33	18.50	17.97	17.96	17.99	19.00

Band 2 Ant5 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.29	21.52	21.48	22.5	0
20	QPSK	1	49	21.43	21.51	21.40		
20	QPSK	1	99	21.32	21.41	21.30		
20	QPSK	50	0	21.38	21.48	21.27	22.5	0
20	QPSK	50	24	21.35	21.42	21.24		
20	QPSK	50	50	21.46	21.40	21.37		
20	QPSK	100	0	21.33	21.37	21.32		
20	16QAM	1	0	21.17	21.44	21.40	22.5	0
20	16QAM	1	49	21.31	21.39	21.34		
20	16QAM	1	99	21.25	21.32	21.23		
20	16QAM	50	0	21.19	21.42	21.39	22.5	0
20	16QAM	50	24	21.36	21.38	21.36		
20	16QAM	50	50	21.20	21.31	21.24		
20	16QAM	100	0	21.31	21.44	21.14		
20	64QAM	1	0	21.29	21.34	21.11	22.5	0
20	64QAM	1	49	21.40	21.29	21.31		
20	64QAM	1	99	21.21	21.30	21.20		
20	64QAM	50	0	20.84	20.98	21.01	22	0.5
20	64QAM	50	24	20.96	21.06	20.90		
20	64QAM	50	50	20.87	20.86	20.77		
20	64QAM	100	0	20.92	21.01	20.75		
20	256QAM	1	0	18.75	19.03	18.95	20	2.5
20	256QAM	1	49	18.91	18.97	18.87		
20	256QAM	1	99	18.85	18.89	18.77		
20	256QAM	50	0	18.86	18.95	18.80	20	2.5
20	256QAM	50	24	18.81	18.89	18.70		
20	256QAM	50	50	18.94	18.94	18.87		
20	256QAM	100	0	18.82	18.89	18.85		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.19	21.43	21.44	22.5	0
15	QPSK	1	37	21.37	21.39	21.33		
15	QPSK	1	74	21.21	21.33	21.23		
15	QPSK	36	0	21.34	21.38	21.19	22.5	0
15	QPSK	36	20	21.31	21.32	21.18		
15	QPSK	36	39	21.38	21.35	21.29		
15	QPSK	75	0	21.25	21.29	21.27		
15	16QAM	1	0	21.06	21.41	21.27	22.5	0
15	16QAM	1	37	21.23	21.26	21.27		
15	16QAM	1	74	21.13	21.24	21.12		
15	16QAM	36	0	21.06	21.30	21.32	22.5	0
15	16QAM	36	20	21.25	21.34	21.28		
15	16QAM	36	39	21.07	21.18	21.13		
15	16QAM	75	0	21.19	21.37	21.03		
15	64QAM	1	0	21.18	21.29	21.05	22.5	0
15	64QAM	1	37	21.27	21.19	21.19		
15	64QAM	1	74	21.11	21.23	21.09		
15	64QAM	36	0	20.79	20.87	20.96	22	0.5
15	64QAM	36	20	20.91	20.95	20.78		
15	64QAM	36	39	20.82	20.81	20.66		
15	64QAM	75	0	20.88	20.91	20.64		
15	256QAM	1	0	18.66	18.95	18.92	20	2.5
15	256QAM	1	37	18.87	18.93	18.82		
15	256QAM	1	74	18.76	18.83	18.65		
15	256QAM	36	0	18.78	18.85	18.72	20	2.5
15	256QAM	36	20	18.68	18.83	18.65		
15	256QAM	36	39	18.90	18.86	18.76		
15	256QAM	75	0	18.76	18.81	18.81		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.18	21.48	21.37	22.5	0
10	QPSK	1	25	21.36	21.45	21.33		
10	QPSK	1	49	21.26	21.34	21.20		
10	QPSK	25	0	21.28	21.43	21.15	22.5	0
10	QPSK	25	12	21.27	21.37	21.13		
10	QPSK	25	25	21.36	21.28	21.31		
10	QPSK	50	0	21.24	21.28	21.26		
10	16QAM	1	0	21.10	21.37	21.29	22.5	0
10	16QAM	1	25	21.23	21.28	21.22		
10	16QAM	1	49	21.16	21.25	21.19		
10	16QAM	25	0	21.09	21.29	21.28	22.5	0
10	16QAM	25	12	21.29	21.29	21.25		
10	16QAM	25	25	21.17	21.20	21.15		
10	16QAM	50	0	21.21	21.35	21.06		
10	64QAM	1	0	21.26	21.29	20.99	22.5	0
10	64QAM	1	25	21.28	21.22	21.25		
10	64QAM	1	49	21.15	21.22	21.11		
10	64QAM	25	0	20.78	20.91	20.98	22	0.5
10	64QAM	25	12	20.91	20.95	20.84		
10	64QAM	25	25	20.83	20.79	20.68		
10	64QAM	50	0	20.84	20.97	20.69		
10	256QAM	1	0	18.67	18.97	18.84	20	2.5
10	256QAM	1	25	18.82	18.91	18.83		
10	256QAM	1	49	18.74	18.85	18.65		
10	256QAM	25	0	18.75	18.89	18.76	20	2.5
10	256QAM	25	12	18.69	18.82	18.62		
10	256QAM	25	25	18.91	18.83	18.82		
10	256QAM	50	0	18.70	18.76	18.79		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.25	21.46	21.41	22.5	0
5	QPSK	1	12	21.37	21.43	21.29		
5	QPSK	1	24	21.29	21.29	21.21		
5	QPSK	12	0	21.27	21.42	21.20	22.5	0
5	QPSK	12	7	21.22	21.38	21.19		
5	QPSK	12	13	21.36	21.28	21.32		
5	QPSK	25	0	21.23	21.34	21.27		
5	16QAM	1	0	21.09	21.34	21.27	22.5	0
5	16QAM	1	12	21.22	21.29	21.23		
5	16QAM	1	24	21.18	21.21	21.13		
5	16QAM	12	0	21.13	21.31	21.29	22.5	0
5	16QAM	12	7	21.32	21.31	21.30		
5	16QAM	12	13	21.13	21.28	21.20		
5	16QAM	25	0	21.28	21.37	21.04		
5	64QAM	1	0	21.23	21.26	21.07	22.5	0
5	64QAM	1	12	21.28	21.25	21.19		
5	64QAM	1	24	21.17	21.23	21.10		
5	64QAM	12	0	20.75	20.91	20.93	22	0.5
5	64QAM	12	7	20.92	20.99	20.83		
5	64QAM	12	13	20.80	20.77	20.66		
5	64QAM	25	0	20.79	20.93	20.71		
5	256QAM	1	0	18.65	19.00	18.82	20	2.5
5	256QAM	1	12	18.78	18.88	18.79		
5	256QAM	1	24	18.76	18.82	18.71		
5	256QAM	12	0	18.76	18.92	18.70	20	2.5
5	256QAM	12	7	18.78	18.77	18.66		
5	256QAM	12	13	18.84	18.90	18.75		
5	256QAM	25	0	18.72	18.83	18.77		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.20	21.45	21.44	22.5	0
3	QPSK	1	8	21.33	21.40	21.28		
3	QPSK	1	14	21.25	21.32	21.21		
3	QPSK	8	0	21.25	21.36	21.24	22.5	0
3	QPSK	8	4	21.25	21.31	21.15		
3	QPSK	8	7	21.43	21.36	21.28		
3	QPSK	15	0	21.25	21.31	21.27		
3	16QAM	1	0	21.06	21.34	21.30	22.5	0
3	16QAM	1	8	21.25	21.28	21.29		
3	16QAM	1	14	21.19	21.22	21.18		
3	16QAM	8	0	21.07	21.34	21.29	22.5	0
3	16QAM	8	4	21.24	21.25	21.27		
3	16QAM	8	7	21.16	21.25	21.11		
3	16QAM	15	0	21.24	21.36	21.01		
3	64QAM	1	0	21.21	21.26	21.02	22.5	0
3	64QAM	1	8	21.32	21.25	21.23		
3	64QAM	1	14	21.09	21.24	21.10		
3	64QAM	8	0	20.80	20.86	20.91	22	0.5
3	64QAM	8	4	20.86	20.97	20.87		
3	64QAM	8	7	20.78	20.76	20.64		
3	64QAM	15	0	20.84	20.92	20.62		
3	256QAM	1	0	18.67	19.00	18.87	20	2.5
3	256QAM	1	8	18.82	18.88	18.76		
3	256QAM	1	14	18.80	18.85	18.67		
3	256QAM	8	0	18.76	18.82	18.70	20	2.5
3	256QAM	8	4	18.77	18.82	18.66		
3	256QAM	8	7	18.89	18.83	18.76		
3	256QAM	15	0	18.77	18.79	18.74		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.19	21.43	21.38	22.5	0
1.4	QPSK	1	3	21.32	21.42	21.29		
1.4	QPSK	1	5	21.26	21.31	21.20		
1.4	QPSK	3	0	21.26	21.38	21.19		
1.4	QPSK	3	1	21.25	21.33	21.15		
1.4	QPSK	3	3	21.41	21.36	21.31		
1.4	QPSK	6	0	21.30	21.32	21.22	22.5	0
1.4	16QAM	1	0	21.12	21.32	21.34	22.5	0
1.4	16QAM	1	3	21.23	21.32	21.28		
1.4	16QAM	1	5	21.19	21.22	21.15		
1.4	16QAM	3	0	21.09	21.35	21.27		
1.4	16QAM	3	1	21.31	21.30	21.29		
1.4	16QAM	3	3	21.14	21.23	21.21		
1.4	16QAM	6	0	21.28	21.33	21.10	22.5	0
1.4	64QAM	1	0	21.21	21.31	21.01	22.5	0
1.4	64QAM	1	3	21.34	21.21	21.23		
1.4	64QAM	1	5	21.08	21.22	21.14		
1.4	64QAM	3	0	20.75	20.95	20.94		
1.4	64QAM	3	1	20.93	20.97	20.78		
1.4	64QAM	3	3	20.79	20.81	20.70		
1.4	64QAM	6	0	20.84	20.94	20.68	22	0.5
1.4	256QAM	1	0	18.65	18.99	18.90	20	2.5
1.4	256QAM	1	3	18.83	18.87	18.76		
1.4	256QAM	1	5	18.75	18.76	18.71		
1.4	256QAM	3	0	18.81	18.89	18.74		
1.4	256QAM	3	1	18.77	18.83	18.61		
1.4	256QAM	3	3	18.81	18.87	18.77		
1.4	256QAM	6	0	18.75	18.76	18.73	20	2.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.13	22.32	22.24	23.2	0
20	QPSK	1	49	22.26	22.15	22.16		
20	QPSK	1	99	22.17	22.27	22.17		
20	QPSK	50	0	22.25	22.29	22.10	23.2	0
20	QPSK	50	24	22.27	22.22	22.17		
20	QPSK	50	50	22.11	22.18	22.06		
20	QPSK	100	0	22.20	22.23	22.16		
20	16QAM	1	0	22.07	22.26	22.20	23.2	0
20	16QAM	1	49	22.17	22.07	22.12		
20	16QAM	1	99	22.08	22.19	22.06		
20	16QAM	50	0	22.18	22.24	22.02	23.2	0
20	16QAM	50	24	22.15	22.10	22.09		
20	16QAM	50	50	22.04	22.15	21.98		
20	16QAM	100	0	22.14	22.20	22.12		
20	64QAM	1	0	22.00	22.28	22.19	23.2	0
20	64QAM	1	49	22.19	22.07	22.08		
20	64QAM	1	99	22.06	22.24	22.07		
20	64QAM	50	0	21.62	21.83	21.73	22.7	0.5
20	64QAM	50	24	21.72	21.65	21.67		
20	64QAM	50	50	21.67	21.78	21.70		
20	64QAM	100	0	21.76	21.82	21.58		
20	256QAM	1	0	19.66	19.79	19.72	20.7	2.5
20	256QAM	1	49	19.80	19.67	19.66		
20	256QAM	1	99	19.68	19.73	19.66		
20	256QAM	50	0	19.70	19.80	19.60	20.7	2.5
20	256QAM	50	24	19.78	19.67	19.66		
20	256QAM	50	50	19.62	19.66	19.56		
20	256QAM	100	0	19.70	19.71	19.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.07	22.26	22.14	23.2	0
15	QPSK	1	37	22.15	22.06	22.11		
15	QPSK	1	74	22.10	22.22	22.07		
15	QPSK	36	0	22.15	22.22	21.98	23.2	0
15	QPSK	36	20	22.17	22.18	22.14		
15	QPSK	36	39	22.02	22.08	22.01		
15	QPSK	75	0	22.10	22.12	22.08		
15	16QAM	1	0	21.99	22.22	22.13	23.2	0
15	16QAM	1	37	22.13	21.99	22.00		
15	16QAM	1	74	22.04	22.16	21.95		
15	16QAM	36	0	22.09	22.20	21.97	23.2	0
15	16QAM	36	20	22.04	22.04	21.97		
15	16QAM	36	39	21.98	22.08	21.92		
15	16QAM	75	0	22.10	22.15	22.01		
15	64QAM	1	0	21.96	22.16	22.07	23.2	0
15	64QAM	1	37	22.15	22.01	22.04		
15	64QAM	1	74	21.99	22.16	22.00		
15	64QAM	36	0	21.56	21.71	21.65	22.7	0.5
15	64QAM	36	20	21.61	21.59	21.60		
15	64QAM	36	39	21.62	21.75	21.60		
15	64QAM	75	0	21.70	21.75	21.47		
15	256QAM	1	0	19.58	19.68	19.60	20.7	2.5
15	256QAM	1	37	19.72	19.61	19.59		
15	256QAM	1	74	19.55	19.63	19.55		
15	256QAM	36	0	19.58	19.76	19.48	20.7	2.5
15	256QAM	36	20	19.70	19.60	19.55		
15	256QAM	36	39	19.59	19.61	19.49		
15	256QAM	75	0	19.67	19.64	19.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.08	22.25	22.12	23.2	0
10	QPSK	1	25	22.14	22.02	22.10		
10	QPSK	1	49	22.11	22.23	22.04		
10	QPSK	25	0	22.14	22.20	21.98	23.2	0
10	QPSK	25	12	22.21	22.18	22.09		
10	QPSK	25	25	22.04	22.13	21.95		
10	QPSK	50	0	22.10	22.17	22.13		
10	16QAM	1	0	21.95	22.18	22.14	23.2	0
10	16QAM	1	25	22.04	21.97	22.06		
10	16QAM	1	49	22.03	22.13	22.03		
10	16QAM	25	0	22.11	22.19	21.92	23.2	0
10	16QAM	25	12	22.08	22.05	21.97		
10	16QAM	25	25	21.94	22.03	21.88		
10	16QAM	50	0	22.04	22.14	22.06		
10	64QAM	1	0	21.89	22.23	22.06	23.2	0
10	64QAM	1	25	22.12	22.02	22.03		
10	64QAM	1	49	21.97	22.21	22.03		
10	64QAM	25	0	21.58	21.71	21.62	22.7	0.5
10	64QAM	25	12	21.61	21.58	21.57		
10	64QAM	25	25	21.59	21.66	21.63		
10	64QAM	50	0	21.71	21.78	21.51		
10	256QAM	1	0	19.60	19.70	19.67	20.7	2.5
10	256QAM	1	25	19.75	19.54	19.56		
10	256QAM	1	49	19.62	19.63	19.60		
10	256QAM	25	0	19.64	19.68	19.55	20.7	2.5
10	256QAM	25	12	19.70	19.60	19.56		
10	256QAM	25	25	19.52	19.62	19.49		
10	256QAM	50	0	19.58	19.60	19.60		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.10	22.20	22.19	23.2	0
5	QPSK	1	12	22.13	22.09	22.07		
5	QPSK	1	24	22.07	22.20	22.04		
5	QPSK	12	0	22.22	22.21	21.98	23.2	0
5	QPSK	12	7	22.20	22.18	22.11		
5	QPSK	12	13	22.01	22.09	21.97		
5	QPSK	25	0	22.07	22.20	22.04		
5	16QAM	1	0	22.03	22.21	22.08	23.2	0
5	16QAM	1	12	22.07	21.98	21.99		
5	16QAM	1	24	22.05	22.13	22.01		
5	16QAM	12	0	22.11	22.17	21.93	23.2	0
5	16QAM	12	7	22.08	22.03	22.01		
5	16QAM	12	13	21.95	22.03	21.93		
5	16QAM	25	0	22.11	22.09	22.05		
5	64QAM	1	0	21.91	22.17	22.14	23.2	0
5	64QAM	1	12	22.10	21.96	22.03		
5	64QAM	1	24	21.98	22.12	21.98		
5	64QAM	12	0	21.51	21.74	21.61	22.7	0.5
5	64QAM	12	7	21.66	21.54	21.62		
5	64QAM	12	13	21.55	21.73	21.67		
5	64QAM	25	0	21.71	21.78	21.53		
5	256QAM	1	0	19.62	19.69	19.62	20.7	2.5
5	256QAM	1	12	19.72	19.57	19.55		
5	256QAM	1	24	19.56	19.65	19.61		
5	256QAM	12	0	19.60	19.70	19.51	20.7	2.5
5	256QAM	12	7	19.72	19.63	19.53		
5	256QAM	12	13	19.56	19.54	19.44		
5	256QAM	25	0	19.57	19.64	19.54		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.08	22.25	22.16	23.2	0
3	QPSK	1	8	22.21	22.04	22.05		
3	QPSK	1	14	22.11	22.21	22.11		
3	QPSK	8	0	22.19	22.26	22.06	23.2	0
3	QPSK	8	4	22.23	22.18	22.12		
3	QPSK	8	7	22.04	22.13	21.95		
3	QPSK	15	0	22.12	22.17	22.12		
3	16QAM	1	0	22.02	22.22	22.12	23.2	0
3	16QAM	1	8	22.05	21.97	22.06		
3	16QAM	1	14	21.96	22.07	21.97		
3	16QAM	8	0	22.10	22.15	21.93	23.2	0
3	16QAM	8	4	22.08	22.04	22.00		
3	16QAM	8	7	22.00	22.03	21.92		
3	16QAM	15	0	22.10	22.09	22.07		
3	64QAM	1	0	21.90	22.19	22.14	23.2	0
3	64QAM	1	8	22.15	22.04	21.97		
3	64QAM	1	14	22.00	22.13	22.03		
3	64QAM	8	0	21.50	21.74	21.65	22.7	0.5
3	64QAM	8	4	21.62	21.59	21.60		
3	64QAM	8	7	21.63	21.69	21.58		
3	64QAM	15	0	21.72	21.70	21.51		
3	256QAM	1	0	19.58	19.74	19.62	20.7	2.5
3	256QAM	1	8	19.73	19.62	19.56		
3	256QAM	1	14	19.59	19.65	19.59		
3	256QAM	8	0	19.64	19.68	19.54	20.7	2.5
3	256QAM	8	4	19.65	19.57	19.62		
3	256QAM	8	7	19.57	19.55	19.48		
3	256QAM	15	0	19.58	19.62	19.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.09	22.21	22.19	23.2	0
1.4	QPSK	1	3	22.20	22.10	22.05		
1.4	QPSK	1	5	22.05	22.23	22.05		
1.4	QPSK	3	0	22.22	22.23	22.07		
1.4	QPSK	3	1	22.17	22.14	22.05		
1.4	QPSK	3	3	22.03	22.13	22.01		
1.4	QPSK	6	0	22.16	22.11	22.07	23.2	0
1.4	16QAM	1	0	21.97	22.14	22.16	23.2	0
1.4	16QAM	1	3	22.08	21.99	22.03		
1.4	16QAM	1	5	21.95	22.15	22.02		
1.4	16QAM	3	0	22.09	22.20	21.96		
1.4	16QAM	3	1	22.11	22.01	21.99		
1.4	16QAM	3	3	21.96	22.03	21.87		
1.4	16QAM	6	0	22.10	22.14	22.02	23.2	0
1.4	64QAM	1	0	21.87	22.22	22.10	23.2	0
1.4	64QAM	1	3	22.08	21.95	22.04		
1.4	64QAM	1	5	21.95	22.13	21.99		
1.4	64QAM	3	0	21.56	21.78	21.68		
1.4	64QAM	3	1	21.62	21.59	21.63		
1.4	64QAM	3	3	21.56	21.74	21.61		
1.4	64QAM	6	0	21.63	21.77	21.50	22.7	0.5
1.4	256QAM	1	0	19.63	19.72	19.68	20.7	2.5
1.4	256QAM	1	3	19.75	19.54	19.61		
1.4	256QAM	1	5	19.59	19.64	19.54		
1.4	256QAM	3	0	19.60	19.75	19.55		
1.4	256QAM	3	1	19.71	19.61	19.63		
1.4	256QAM	3	3	19.54	19.55	19.44		
1.4	256QAM	6	0	19.65	19.65	19.60	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	18.94	18.95	18.76	19.7	0
20	QPSK	1	49	18.81	18.86	18.78		
20	QPSK	1	99	18.81	18.94	18.76		
20	QPSK	50	0	18.72	18.89	18.85	19.7	0
20	QPSK	50	24	18.82	18.84	18.86		
20	QPSK	50	50	18.84	18.86	18.88		
20	QPSK	100	0	18.84	18.85	18.72		
20	16QAM	1	0	18.85	18.83	18.66	19.7	0
20	16QAM	1	49	18.70	18.81	18.75		
20	16QAM	1	99	18.72	18.85	18.72		
20	16QAM	50	0	18.64	18.83	18.74	19.7	0
20	16QAM	50	24	18.72	18.74	18.74		
20	16QAM	50	50	18.77	18.77	18.77		
20	16QAM	100	0	18.81	18.76	18.61		
20	64QAM	1	0	18.89	18.90	18.68	19.7	0
20	64QAM	1	49	18.71	18.75	18.71		
20	64QAM	1	99	18.71	18.87	18.73		
20	64QAM	50	0	18.62	18.81	18.78	19.7	0
20	64QAM	50	24	18.71	18.77	18.75		
20	64QAM	50	50	18.74	18.82	18.83		
20	64QAM	100	0	18.72	18.74	18.65		
20	256QAM	1	0	18.84	18.91	18.66	19.7	0
20	256QAM	1	49	18.76	18.77	18.71		
20	256QAM	1	99	18.72	18.83	18.67		
20	256QAM	50	0	18.64	18.85	18.75	19.7	0
20	256QAM	50	24	18.77	18.80	18.74		
20	256QAM	50	50	18.77	18.76	18.83		
20	256QAM	100	0	18.71	18.81	18.65		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.85	18.87	18.71	19.7	0
15	QPSK	1	37	18.70	18.76	18.66		
15	QPSK	1	74	18.71	18.85	18.64		
15	QPSK	36	0	18.69	18.78	18.81	19.7	0
15	QPSK	36	20	18.75	18.78	18.75		
15	QPSK	36	39	18.75	18.77	18.76		
15	QPSK	75	0	18.79	18.81	18.65		
15	16QAM	1	0	18.81	18.79	18.54	19.7	0
15	16QAM	1	37	18.63	18.78	18.72		
15	16QAM	1	74	18.62	18.74	18.68		
15	16QAM	36	0	18.57	18.77	18.65	19.7	0
15	16QAM	36	20	18.66	18.65	18.66		
15	16QAM	36	39	18.73	18.74	18.66		
15	16QAM	75	0	18.72	18.68	18.56		
15	64QAM	1	0	18.80	18.81	18.58	19.7	0
15	64QAM	1	37	18.62	18.71	18.62		
15	64QAM	1	74	18.62	18.78	18.69		
15	64QAM	36	0	18.50	18.76	18.69	19.7	0
15	64QAM	36	20	18.61	18.71	18.66		
15	64QAM	36	39	18.64	18.77	18.72		
15	64QAM	75	0	18.63	18.71	18.60		
15	256QAM	1	0	18.73	18.82	18.62	19.7	0
15	256QAM	1	37	18.68	18.73	18.62		
15	256QAM	1	74	18.68	18.75	18.61		
15	256QAM	36	0	18.59	18.81	18.68	19.7	0
15	256QAM	36	20	18.70	18.68	18.63		
15	256QAM	36	39	18.67	18.67	18.71		
15	256QAM	75	0	18.62	18.74	18.53		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.91	18.88	18.65	19.7	0
10	QPSK	1	25	18.72	18.76	18.68		
10	QPSK	1	49	18.72	18.83	18.69		
10	QPSK	25	0	18.64	18.82	18.77	19.7	0
10	QPSK	25	12	18.69	18.78	18.77		
10	QPSK	25	25	18.74	18.82	18.85		
10	QPSK	50	0	18.73	18.80	18.67		
10	16QAM	1	0	18.77	18.79	18.58	19.7	0
10	16QAM	1	25	18.62	18.72	18.67		
10	16QAM	1	49	18.65	18.77	18.66		
10	16QAM	25	0	18.53	18.77	18.67	19.7	0
10	16QAM	25	12	18.62	18.62	18.68		
10	16QAM	25	25	18.70	18.74	18.64		
10	16QAM	50	0	18.73	18.71	18.58		
10	64QAM	1	0	18.83	18.85	18.56	19.7	0
10	64QAM	1	25	18.60	18.70	18.66		
10	64QAM	1	49	18.62	18.84	18.64		
10	64QAM	25	0	18.58	18.75	18.70	19.7	0
10	64QAM	25	12	18.63	18.67	18.69		
10	64QAM	25	25	18.61	18.75	18.70		
10	64QAM	50	0	18.62	18.65	18.59		
10	256QAM	1	0	18.78	18.87	18.59	19.7	0
10	256QAM	1	25	18.68	18.71	18.65		
10	256QAM	1	49	18.62	18.74	18.62		
10	256QAM	25	0	18.56	18.77	18.70	19.7	0
10	256QAM	25	12	18.67	18.75	18.64		
10	256QAM	25	25	18.71	18.65	18.77		
10	256QAM	50	0	18.60	18.68	18.58		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.84	18.89	18.66	19.7	0
5	QPSK	1	12	18.74	18.75	18.65		
5	QPSK	1	24	18.69	18.83	18.73		
5	QPSK	12	0	18.64	18.78	18.78	19.7	0
5	QPSK	12	7	18.70	18.74	18.74		
5	QPSK	12	13	18.72	18.76	18.80		
5	QPSK	25	0	18.79	18.76	18.59		
5	16QAM	1	0	18.77	18.74	18.57	19.7	0
5	16QAM	1	12	18.59	18.71	18.70		
5	16QAM	1	24	18.60	18.79	18.65		
5	16QAM	12	0	18.54	18.71	18.65	19.7	0
5	16QAM	12	7	18.59	18.64	18.62		
5	16QAM	12	13	18.71	18.65	18.65		
5	16QAM	25	0	18.70	18.66	18.53		
5	64QAM	1	0	18.85	18.78	18.61	19.7	0
5	64QAM	1	12	18.67	18.67	18.62		
5	64QAM	1	24	18.67	18.75	18.69		
5	64QAM	12	0	18.50	18.76	18.70	19.7	0
5	64QAM	12	7	18.63	18.74	18.69		
5	64QAM	12	13	18.65	18.78	18.70		
5	64QAM	25	0	18.68	18.67	18.58		
5	256QAM	1	0	18.79	18.86	18.60	19.7	0
5	256QAM	1	12	18.68	18.71	18.59		
5	256QAM	1	24	18.64	18.80	18.58		
5	256QAM	12	0	18.57	18.74	18.62	19.7	0
5	256QAM	12	7	18.71	18.72	18.71		
5	256QAM	12	13	18.66	18.68	18.78		
5	256QAM	25	0	18.59	18.70	18.54		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.28	22.41	22.22	23.2	0
20	QPSK	1	49	22.29	22.29	22.29		
20	QPSK	1	99	22.20	22.25	22.26		
20	QPSK	50	0	22.19	22.38	22.30	23.2	0
20	QPSK	50	24	22.34	22.37	22.20		
20	QPSK	50	50	22.27	22.24	22.25		
20	QPSK	100	0	22.14	22.26	22.17		
20	16QAM	1	0	22.17	22.28	22.12	23.2	0
20	16QAM	1	49	22.24	22.23	22.20		
20	16QAM	1	99	22.13	22.14	22.19		
20	16QAM	50	0	22.20	22.32	22.16	23.2	0
20	16QAM	50	24	22.17	22.20	22.22		
20	16QAM	50	50	22.12	22.13	22.21		
20	16QAM	100	0	22.07	22.35	22.17		
20	64QAM	1	0	22.22	22.34	22.13	23.2	0
20	64QAM	1	49	22.23	22.21	22.13		
20	64QAM	1	99	22.03	22.15	22.13		
20	64QAM	50	0	21.73	21.92	21.74	22.7	0.5
20	64QAM	50	24	21.80	21.77	21.83		
20	64QAM	50	50	21.69	21.73	21.77		
20	64QAM	100	0	21.67	21.89	21.76		
20	256QAM	1	0	19.78	19.87	19.72	20.7	2.5
20	256QAM	1	49	19.83	19.75	19.78		
20	256QAM	1	99	19.68	19.78	19.73		
20	256QAM	50	0	19.71	19.85	19.78	20.7	2.5
20	256QAM	50	24	19.86	19.91	19.69		
20	256QAM	50	50	19.76	19.76	19.75		
20	256QAM	100	0	19.65	19.81	19.64		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.22	22.29	22.16	23.2	0
15	QPSK	1	37	22.23	22.26	22.19		
15	QPSK	1	74	22.11	22.19	22.23		
15	QPSK	36	0	22.09	22.26	22.27	23.2	0
15	QPSK	36	20	22.27	22.28	22.15		
15	QPSK	36	39	22.19	22.11	22.13		
15	QPSK	75	0	22.06	22.14	22.12		
15	16QAM	1	0	22.06	22.18	22.03	23.2	0
15	16QAM	1	37	22.20	22.16	22.09		
15	16QAM	1	74	22.04	22.04	22.09		
15	16QAM	36	0	22.09	22.26	22.05	23.2	0
15	16QAM	36	20	22.05	22.09	22.18		
15	16QAM	36	39	22.00	22.02	22.09		
15	16QAM	75	0	22.01	22.27	22.10		
15	64QAM	1	0	22.11	22.26	22.04	23.2	0
15	64QAM	1	37	22.15	22.12	22.03		
15	64QAM	1	74	21.96	22.03	22.09		
15	64QAM	36	0	21.65	21.80	21.66	22.7	0.5
15	64QAM	36	20	21.75	21.71	21.78		
15	64QAM	36	39	21.59	21.61	21.66		
15	64QAM	75	0	21.56	21.80	21.72		
15	256QAM	1	0	19.65	19.75	19.61	20.7	2.5
15	256QAM	1	37	19.71	19.64	19.70		
15	256QAM	1	74	19.60	19.73	19.62		
15	256QAM	36	0	19.61	19.79	19.72	20.7	2.5
15	256QAM	36	20	19.75	19.84	19.56		
15	256QAM	36	39	19.71	19.69	19.63		
15	256QAM	75	0	19.58	19.71	19.53		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.20	22.32	22.16	23.2	0
10	QPSK	1	25	22.19	22.24	22.25		
10	QPSK	1	49	22.16	22.21	22.17		
10	QPSK	25	0	22.09	22.29	22.26	23.2	0
10	QPSK	25	12	22.23	22.32	22.09		
10	QPSK	25	25	22.23	22.12	22.13		
10	QPSK	50	0	22.02	22.19	22.11		
10	16QAM	1	0	22.09	22.25	22.00	23.2	0
10	16QAM	1	25	22.12	22.12	22.16		
10	16QAM	1	49	22.02	22.11	22.11		
10	16QAM	25	0	22.11	22.19	22.13	23.2	0
10	16QAM	25	12	22.09	22.09	22.18		
10	16QAM	25	25	22.04	22.06	22.17		
10	16QAM	50	0	22.00	22.23	22.06		
10	64QAM	1	0	22.15	22.22	22.04	23.2	0
10	64QAM	1	25	22.11	22.12	22.10		
10	64QAM	1	49	21.93	22.10	22.03		
10	64QAM	25	0	21.69	21.85	21.62	22.7	0.5
10	64QAM	25	12	21.70	21.70	21.73		
10	64QAM	25	25	21.63	21.64	21.69		
10	64QAM	50	0	21.59	21.78	21.70		
10	256QAM	1	0	19.70	19.83	19.65	20.7	2.5
10	256QAM	1	25	19.74	19.67	19.67		
10	256QAM	1	49	19.56	19.69	19.68		
10	256QAM	25	0	19.67	19.82	19.65	20.7	2.5
10	256QAM	25	12	19.78	19.87	19.56		
10	256QAM	25	25	19.68	19.64	19.68		
10	256QAM	50	0	19.61	19.72	19.53		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.19	22.38	22.19	23.2	0
5	QPSK	1	12	22.18	22.19	22.19		
5	QPSK	1	24	22.08	22.15	22.17		
5	QPSK	12	0	22.10	22.31	22.19	23.2	0
5	QPSK	12	7	22.26	22.27	22.15		
5	QPSK	12	13	22.15	22.18	22.19		
5	QPSK	25	0	22.07	22.20	22.12		
5	16QAM	1	0	22.07	22.23	22.00	23.2	0
5	16QAM	1	12	22.12	22.17	22.16		
5	16QAM	1	24	22.08	22.07	22.11		
5	16QAM	12	0	22.14	22.22	22.11	23.2	0
5	16QAM	12	7	22.08	22.08	22.15		
5	16QAM	12	13	22.08	22.02	22.15		
5	16QAM	25	0	22.02	22.26	22.13		
5	64QAM	1	0	22.16	22.25	22.06	23.2	0
5	64QAM	1	12	22.19	22.15	22.08		
5	64QAM	1	24	21.91	22.07	22.01		
5	64QAM	12	0	21.69	21.83	21.69	22.7	0.5
5	64QAM	12	7	21.75	21.66	21.73		
5	64QAM	12	13	21.59	21.65	21.73		
5	64QAM	25	0	21.56	21.78	21.70		
5	256QAM	1	0	19.75	19.79	19.66	20.7	2.5
5	256QAM	1	12	19.78	19.71	19.71		
5	256QAM	1	24	19.56	19.74	19.64		
5	256QAM	12	0	19.68	19.78	19.65	20.7	2.5
5	256QAM	12	7	19.77	19.80	19.59		
5	256QAM	12	13	19.66	19.69	19.72		
5	256QAM	25	0	19.59	19.76	19.59		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.19	22.35	22.14	23.2	0
3	QPSK	1	8	22.23	22.19	22.17		
3	QPSK	1	14	22.12	22.19	22.19		
3	QPSK	8	0	22.14	22.28	22.19	23.2	0
3	QPSK	8	4	22.26	22.28	22.12		
3	QPSK	8	7	22.19	22.20	22.15		
3	QPSK	15	0	22.05	22.15	22.12		
3	16QAM	1	0	22.10	22.18	22.07	23.2	0
3	16QAM	1	8	22.12	22.19	22.14		
3	16QAM	1	14	22.01	22.06	22.08		
3	16QAM	8	0	22.10	22.24	22.10	23.2	0
3	16QAM	8	4	22.10	22.10	22.13		
3	16QAM	8	7	22.00	22.04	22.13		
3	16QAM	15	0	21.94	22.28	22.07		
3	64QAM	1	0	22.11	22.27	22.04	23.2	0
3	64QAM	1	8	22.18	22.13	22.04		
3	64QAM	1	14	21.95	22.08	22.10		
3	64QAM	8	0	21.63	21.86	21.68	22.7	0.5
3	64QAM	8	4	21.69	21.69	21.73		
3	64QAM	8	7	21.65	21.68	21.72		
3	64QAM	15	0	21.63	21.84	21.66		
3	256QAM	1	0	19.74	19.74	19.69	20.7	2.5
3	256QAM	1	8	19.74	19.64	19.66		
3	256QAM	1	14	19.57	19.72	19.62		
3	256QAM	8	0	19.60	19.82	19.74	20.7	2.5
3	256QAM	8	4	19.80	19.87	19.64		
3	256QAM	8	7	19.66	19.71	19.63		
3	256QAM	15	0	19.59	19.76	19.55		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.17	22.33	22.12	23.2	0
1.4	QPSK	1	3	22.26	22.20	22.22		
1.4	QPSK	1	5	22.10	22.21	22.21		
1.4	QPSK	3	0	22.14	22.28	22.19		
1.4	QPSK	3	1	22.24	22.26	22.17		
1.4	QPSK	3	3	22.18	22.18	22.18		
1.4	QPSK	6	0	22.08	22.19	22.11	23.2	0
1.4	16QAM	1	0	22.07	22.16	22.00	23.2	0
1.4	16QAM	1	3	22.18	22.13	22.12		
1.4	16QAM	1	5	22.06	22.09	22.07		
1.4	16QAM	3	0	22.09	22.27	22.12		
1.4	16QAM	3	1	22.14	22.11	22.13		
1.4	16QAM	3	3	22.09	22.09	22.11		
1.4	16QAM	6	0	21.97	22.25	22.08	23.2	0
1.4	64QAM	1	0	22.18	22.27	22.08	23.2	0
1.4	64QAM	1	3	22.19	22.17	22.01		
1.4	64QAM	1	5	21.91	22.05	22.04		
1.4	64QAM	3	0	21.62	21.84	21.71		
1.4	64QAM	3	1	21.68	21.67	21.76		
1.4	64QAM	3	3	21.63	21.65	21.69		
1.4	64QAM	6	0	21.58	21.80	21.72	22.7	0.5
1.4	256QAM	1	0	19.73	19.76	19.62	20.7	2.5
1.4	256QAM	1	3	19.71	19.66	19.72		
1.4	256QAM	1	5	19.64	19.69	19.65		
1.4	256QAM	3	0	19.66	19.75	19.67		
1.4	256QAM	3	1	19.75	19.78	19.56		
1.4	256QAM	3	3	19.71	19.73	19.70		
1.4	256QAM	6	0	19.57	19.70	19.59	20.7	2.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	21.75	21.79	21.71		
20	QPSK	1	49	21.61	21.60	21.65	22.2	0
20	QPSK	1	99	21.60	21.74	21.69		
20	QPSK	50	0	21.58	21.75	21.62		
20	QPSK	50	24	21.66	21.73	21.66	22.2	0
20	QPSK	50	50	21.55	21.73	21.69		
20	QPSK	100	0	21.70	21.71	21.70		
20	16QAM	1	0	21.65	21.69	21.61		
20	16QAM	1	49	21.49	21.57	21.53	22.2	0
20	16QAM	1	99	21.53	21.62	21.64		
20	16QAM	50	0	21.48	21.62	21.52		
20	16QAM	50	24	21.54	21.62	21.56	22.2	0
20	16QAM	50	50	21.42	21.61	21.61		
20	16QAM	100	0	21.59	21.66	21.58		
20	64QAM	1	0	21.65	21.66	21.66		
20	64QAM	1	49	21.53	21.49	21.57	22.2	0
20	64QAM	1	99	21.48	21.66	21.57		
20	64QAM	50	0	21.49	21.65	21.54		
20	64QAM	50	24	21.55	21.64	21.62	22.2	0
20	64QAM	50	50	21.48	21.66	21.61		
20	64QAM	100	0	21.60	21.62	21.67		
20	256QAM	1	0	20.22	20.29	20.19		
20	256QAM	1	49	20.15	20.11	20.15	20.7	1.5
20	256QAM	1	99	20.06	20.22	20.23		
20	256QAM	50	0	20.11	20.21	20.15		
20	256QAM	50	24	20.14	20.21	20.17	20.7	1.5
20	256QAM	50	50	20.06	20.22	20.23		
20	256QAM	100	0	20.24	20.18	20.20		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	21.67	21.72	21.61		
15	QPSK	1	37	21.59	21.59	21.58	22.2	0
15	QPSK	1	74	21.59	21.67	21.60		
15	QPSK	36	0	21.57	21.72	21.60		
15	QPSK	36	20	21.62	21.67	21.63	22.2	0
15	QPSK	36	39	21.51	21.72	21.59		
15	QPSK	75	0	21.67	21.60	21.62		
15	16QAM	1	0	21.60	21.60	21.52		
15	16QAM	1	37	21.39	21.46	21.46	22.2	0
15	16QAM	1	74	21.45	21.58	21.56		
15	16QAM	36	0	21.44	21.56	21.41		
15	16QAM	36	20	21.50	21.55	21.49	22.2	0
15	16QAM	36	39	21.39	21.55	21.52		
15	16QAM	75	0	21.55	21.58	21.52		
15	64QAM	1	0	21.63	21.64	21.61		
15	64QAM	1	37	21.50	21.44	21.48	22.2	0
15	64QAM	1	74	21.47	21.61	21.51		
15	64QAM	36	0	21.41	21.55	21.50		
15	64QAM	36	20	21.49	21.58	21.53	22.2	0
15	64QAM	36	39	21.42	21.60	21.51		
15	64QAM	75	0	21.57	21.58	21.61		
15	256QAM	1	0	20.18	20.23	20.10		
15	256QAM	1	37	20.09	20.06	20.09	20.7	1.5
15	256QAM	1	74	19.96	20.20	20.18		
15	256QAM	36	0	20.05	20.17	20.06		
15	256QAM	36	20	20.05	20.14	20.16	20.7	1.5
15	256QAM	36	39	20.00	20.21	20.12		
15	256QAM	75	0	20.20	20.13	20.16		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	21.66	21.78	21.64		
10	QPSK	1	25	21.53	21.54	21.63	22.2	0
10	QPSK	1	49	21.56	21.71	21.58		
10	QPSK	25	0	21.50	21.68	21.53		
10	QPSK	25	12	21.64	21.67	21.56	22.2	0
10	QPSK	25	25	21.44	21.67	21.66		
10	QPSK	50	0	21.67	21.69	21.68		
10	16QAM	1	0	21.58	21.61	21.51		
10	16QAM	1	25	21.46	21.55	21.45	22.2	0
10	16QAM	1	49	21.46	21.55	21.59		
10	16QAM	25	0	21.45	21.52	21.48		
10	16QAM	25	12	21.53	21.61	21.46	22.2	0
10	16QAM	25	25	21.31	21.51	21.52		
10	16QAM	50	0	21.48	21.56	21.53		
10	64QAM	1	0	21.60	21.64	21.56		
10	64QAM	1	25	21.50	21.43	21.55	22.2	0
10	64QAM	1	49	21.40	21.62	21.47		
10	64QAM	25	0	21.48	21.55	21.44		
10	64QAM	25	12	21.46	21.60	21.54	22.2	0
10	64QAM	25	25	21.45	21.57	21.52		
10	64QAM	50	0	21.58	21.52	21.60		
10	256QAM	1	0	20.15	20.23	20.17		
10	256QAM	1	25	20.14	20.03	20.07	20.7	1.5
10	256QAM	1	49	19.97	20.21	20.18		
10	256QAM	25	0	20.08	20.12	20.13		
10	256QAM	25	12	20.08	20.19	20.08	20.7	1.5
10	256QAM	25	25	19.98	20.12	20.17		
10	256QAM	50	0	20.14	20.07	20.17		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	21.68	21.70	21.62		
5	QPSK	1	12	21.56	21.49	21.63	22.2	0
5	QPSK	1	24	21.55	21.69	21.63		
5	QPSK	12	0	21.56	21.71	21.57		
5	QPSK	12	7	21.56	21.63	21.62	22.2	0
5	QPSK	12	13	21.47	21.68	21.64		
5	QPSK	25	0	21.68	21.68	21.68		
5	16QAM	1	0	21.59	21.60	21.58		
5	16QAM	1	12	21.43	21.51	21.46	22.2	0
5	16QAM	1	24	21.45	21.56	21.54		
5	16QAM	12	0	21.43	21.59	21.42		
5	16QAM	12	7	21.50	21.54	21.50	22.2	0
5	16QAM	12	13	21.36	21.51	21.56		
5	16QAM	25	0	21.50	21.65	21.55		
5	64QAM	1	0	21.64	21.56	21.63		
5	64QAM	1	12	21.44	21.39	21.52	22.2	0
5	64QAM	1	24	21.45	21.56	21.53		
5	64QAM	12	0	21.46	21.58	21.48		
5	64QAM	12	7	21.53	21.62	21.59	22.2	0
5	64QAM	12	13	21.39	21.59	21.54		
5	64QAM	25	0	21.54	21.53	21.60		
5	256QAM	1	0	20.15	20.19	20.09		
5	256QAM	1	12	20.04	20.08	20.06	20.7	1.5
5	256QAM	1	24	20.00	20.19	20.18		
5	256QAM	12	0	20.00	20.12	20.14		
5	256QAM	12	7	20.12	20.18	20.16	20.7	1.5
5	256QAM	12	13	19.95	20.18	20.20		
5	256QAM	25	0	20.15	20.15	20.10		

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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	20.59	20.75	20.65	20.53		
20	QPSK	1	49	20.65	20.50	20.72	20.51	20.61	21.2	0
20	QPSK	1	99	20.62	20.54	20.61	20.50	20.48		
20	QPSK	50	0	20.63	20.61	20.68	20.59	20.57		
20	QPSK	50	24	20.56	20.52	20.63	20.51	20.51	21.2	0
20	QPSK	50	50	20.65	20.61	20.67	20.63	20.59		
20	QPSK	100	0	20.57	20.52	20.63	20.51	20.55		
20	16QAM	1	0	20.45	20.49	20.62	20.60	20.41		
20	16QAM	1	49	20.61	20.46	20.67	20.46	20.55	21.2	0
20	16QAM	1	99	20.51	20.47	20.48	20.38	20.36		
20	16QAM	50	0	20.58	20.55	20.58	20.52	20.49		
20	16QAM	50	24	20.44	20.41	20.55	20.41	20.45	21.2	0
20	16QAM	50	50	20.55	20.49	20.55	20.53	20.46		
20	16QAM	100	0	20.54	20.49	20.56	20.44	20.43		
20	64QAM	1	0	20.49	20.49	20.65	20.52	20.42		
20	64QAM	1	49	20.53	20.40	20.63	20.43	20.56	21.2	0
20	64QAM	1	99	20.57	20.50	20.57	20.44	20.43		
20	64QAM	50	0	20.55	20.50	20.60	20.52	20.45		
20	64QAM	50	24	20.52	20.44	20.57	20.43	20.43	21.2	0
20	64QAM	50	50	20.52	20.55	20.55	20.54	20.51		
20	64QAM	100	0	20.47	20.45	20.51	20.39	20.46		
20	256QAM	1	0	19.00	19.06	19.23	19.17	19.07		
20	256QAM	1	49	19.15	18.98	19.23	19.00	19.11	19.7	1.5
20	256QAM	1	99	19.09	19.08	19.12	19.04	19.02		
20	256QAM	50	0	19.15	19.15	19.19	19.04	19.11		
20	256QAM	50	24	19.05	18.98	19.09	19.02	18.98	19.7	1.5
20	256QAM	50	50	19.15	19.12	19.18	19.18	19.13		
20	256QAM	100	0	19.08	19.04	19.09	19.02	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	20.50	20.56	20.68	20.60	20.46		
15	QPSK	1	37	20.55	20.47	20.62	20.46	20.53	21	0
15	QPSK	1	74	20.57	20.49	20.59	20.44	20.41		
15	QPSK	36	0	20.56	20.53	20.57	20.53	20.54		
15	QPSK	36	20	20.47	20.47	20.60	20.48	20.45	21.2	0
15	QPSK	36	39	20.64	20.58	20.63	20.55	20.49		
15	QPSK	75	0	20.46	20.42	20.59	20.44	20.51		
15	16QAM	1	0	20.40	20.42	20.53	20.58	20.32		
15	16QAM	1	37	20.60	20.39	20.62	20.36	20.50	21.2	0
15	16QAM	1	74	20.42	20.41	20.41	20.34	20.26		
15	16QAM	36	0	20.56	20.45	20.57	20.46	20.40		
15	16QAM	36	20	20.41	20.39	20.47	20.33	20.43	21.2	0
15	16QAM	36	39	20.48	20.46	20.49	20.49	20.40		
15	16QAM	75	0	20.47	20.48	20.51	20.38	20.40		
15	64QAM	1	0	20.40	20.48	20.56	20.51	20.41		
15	64QAM	1	37	20.44	20.38	20.62	20.33	20.48	21.2	0
15	64QAM	1	74	20.56	20.47	20.54	20.36	20.34		
15	64QAM	36	0	20.45	20.46	20.52	20.50	20.43		
15	64QAM	36	20	20.46	20.37	20.51	20.35	20.36	21.2	0
15	64QAM	36	39	20.42	20.44	20.50	20.44	20.44		
15	64QAM	75	0	20.41	20.43	20.43	20.38	20.37		
15	256QAM	1	0	18.91	19.05	19.13	19.09	18.97		
15	256QAM	1	37	19.11	18.88	19.20	18.91	19.04	19.7	1.5
15	256QAM	1	74	19.00	18.99	19.11	18.96	18.99		
15	256QAM	36	0	19.06	19.11	19.17	19.00	19.06		
15	256QAM	36	20	18.99	18.93	18.98	18.91	18.94	19.7	1.5
15	256QAM	36	39	19.10	19.03	19.15	19.15	19.09		
15	256QAM	75	0	19.03	18.97	19.04	19.01	18.96		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.53	20.54	20.65	20.55	20.44		
10	QPSK	1	25	20.56	20.43	20.66	20.47	20.56	21	0
10	QPSK	1	49	20.59	20.50	20.52	20.40	20.46		
10	QPSK	25	0	20.56	20.51	20.66	20.52	20.48		
10	QPSK	25	12	20.53	20.45	20.53	20.43	20.45	21.2	0
10	QPSK	25	25	20.60	20.50	20.61	20.60	20.54		
10	QPSK	50	0	20.51	20.46	20.52	20.42	20.46		
10	16QAM	1	0	20.39	20.40	20.53	20.56	20.37		
10	16QAM	1	25	20.55	20.36	20.64	20.42	20.49	21.2	0
10	16QAM	1	49	20.47	20.43	20.41	20.30	20.28		
10	16QAM	25	0	20.48	20.46	20.57	20.51	20.46		
10	16QAM	25	12	20.41	20.35	20.51	20.36	20.38	21.2	0
10	16QAM	25	25	20.48	20.46	20.50	20.47	20.37		
10	16QAM	50	0	20.49	20.40	20.47	20.40	20.37		
10	64QAM	1	0	20.44	20.46	20.54	20.47	20.32		
10	64QAM	1	25	20.44	20.39	20.54	20.35	20.54	21.2	0
10	64QAM	1	49	20.55	20.44	20.55	20.43	20.36		
10	64QAM	25	0	20.50	20.43	20.55	20.46	20.34		
10	64QAM	25	12	20.45	20.43	20.54	20.40	20.34	21.2	0
10	64QAM	25	25	20.42	20.52	20.51	20.51	20.50		
10	64QAM	50	0	20.37	20.38	20.49	20.30	20.43		
10	256QAM	1	0	18.92	19.03	19.13	19.06	19.02		
10	256QAM	1	25	19.05	18.95	19.19	18.96	19.08	19.7	1.5
10	256QAM	1	49	19.03	19.05	19.09	18.93	18.91		
10	256QAM	25	0	19.13	19.12	19.15	18.97	19.06		
10	256QAM	25	12	19.01	18.88	19.06	18.99	18.91	19.7	1.5
10	256QAM	25	25	19.10	19.10	19.08	19.08	19.07		
10	256QAM	50	0	19.06	19.01	19.05	18.94	18.91		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.50	20.54	20.67	20.56	20.48		
5	QPSK	1	12	20.60	20.45	20.62	20.45	20.53	21	0
5	QPSK	1	24	20.56	20.49	20.60	20.48	20.39		
5	QPSK	12	0	20.50	20.51	20.57	20.50	20.53		
5	QPSK	12	7	20.53	20.43	20.55	20.42	20.48	21.2	0
5	QPSK	12	13	20.56	20.51	20.59	20.60	20.56		
5	QPSK	25	0	20.54	20.50	20.55	20.49	20.53		
5	16QAM	1	0	20.39	20.44	20.58	20.54	20.40		
5	16QAM	1	12	20.52	20.36	20.60	20.42	20.46	21.2	0
5	16QAM	1	24	20.49	20.45	20.39	20.31	20.30		
5	16QAM	12	0	20.49	20.48	20.51	20.43	20.40		
5	16QAM	12	7	20.43	20.34	20.52	20.37	20.44	21.2	0
5	16QAM	12	13	20.53	20.41	20.50	20.44	20.45		
5	16QAM	25	0	20.47	20.40	20.52	20.40	20.42		
5	64QAM	1	0	20.46	20.39	20.62	20.42	20.37		
5	64QAM	1	12	20.50	20.39	20.62	20.40	20.51	21.2	0
5	64QAM	1	24	20.55	20.39	20.46	20.33	20.34		
5	64QAM	12	0	20.46	20.43	20.50	20.43	20.41		
5	64QAM	12	7	20.49	20.33	20.52	20.36	20.35	21.2	0
5	64QAM	12	13	20.47	20.48	20.50	20.46	20.41		
5	64QAM	25	0	20.43	20.36	20.40	20.28	20.45		
5	256QAM	1	0	18.96	19.01	19.18	19.09	19.04		
5	256QAM	1	12	19.13	18.88	19.21	18.90	19.03	19.7	1.5
5	256QAM	1	24	18.99	19.06	19.02	18.98	18.92		
5	256QAM	12	0	19.05	19.08	19.14	18.94	19.02		
5	256QAM	12	7	18.96	18.91	19.04	18.91	18.95	19.7	1.5
5	256QAM	12	13	19.10	19.03	19.15	19.15	19.05		
5	256QAM	25	0	19.04	18.96	19.02	19.00	18.98		

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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	29.40	29.50	29.41	30.50	20.40	20.50	20.41	21.50
GPRS 1 Tx slot	29.47	29.49	29.46	30.50	20.47	20.49	20.46	21.50
GPRS 2 Tx slots	26.68	26.76	26.70	27.50	20.68	20.76	20.70	21.50
GPRS 3 Tx slots	24.66	24.88	24.80	25.70	20.60	20.82	20.54	21.44
GPRS 4 Tx slots	23.65	23.66	23.57	24.50	20.65	20.66	20.57	21.50
EDGE 1 Tx slot	24.14	24.19	24.09	25.00	15.14	15.19	15.09	16.00
EDGE 2 Tx slots	21.75	21.82	21.74	22.60	15.75	15.82	15.74	16.00
EDGE 3 Tx slots	19.97	20.06	19.97	20.20	15.71	15.80	15.71	15.94
EDGE 4 Tx slots	18.55	18.61	18.53	19.00	15.55	15.61	15.53	16.00

WCDMA II Ant6 DSI6

WCDMA IV Ant6 DSI6

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	22.95	22.97	22.97	24.50	21.66	21.85	21.55	23.50
3GPP Rel 99	RMC 12.2Kbps	23.01	23.05	23.03	24.50	21.67	21.91	21.66	23.50
3GPP Rel 6	HSDPA Subtest-1	22.06	22.19	22.07	23.50	20.73	20.80	20.75	22.50
3GPP Rel 6	HSDPA Subtest-2	21.91	21.98	21.90	23.50	20.56	20.71	20.59	22.50
3GPP Rel 6	HSDPA Subtest-3	21.46	21.51	21.45	23.00	20.23	20.21	20.11	22.00
3GPP Rel 6	HSDPA Subtest-4	21.24	21.33	21.23	23.00	20.16	20.24	20.02	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.79	21.88	21.87	23.50	20.50	20.66	20.62	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.86	21.93	21.82	23.50	20.60	20.63	20.52	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.37	21.48	21.40	23.00	20.11	20.18	20.10	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.14	21.30	21.17	23.00	20.14	20.22	20.01	22.00
3GPP Rel 6	HSUPA Subtest-1	21.87	21.92	21.86	23.50	20.58	20.59	20.54	22.50
3GPP Rel 6	HSUPA Subtest-2	19.96	19.91	19.94	21.50	18.53	18.60	18.71	20.50
3GPP Rel 6	HSUPA Subtest-3	20.92	20.89	20.88	22.50	19.60	19.56	19.61	21.50
3GPP Rel 6	HSUPA Subtest-4	19.95	20.01	20.00	21.50	18.72	18.79	18.68	20.50
3GPP Rel 6	HSUPA Subtest-5	21.99	21.94	21.99	23.50	20.62	20.74	20.66	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.26	19.40	19.31	21.00	18.11	18.05	18.06	20.00

Band 2 Ant6 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.17	23.36	23.24		
20	QPSK	1	49	23.27	23.30	23.21	25	0
20	QPSK	1	99	23.26	23.34	23.32		
20	QPSK	50	0	22.31	22.53	22.35		
20	QPSK	50	24	22.47	22.50	22.48	24	1
20	QPSK	50	50	22.31	22.40	22.37		
20	QPSK	100	0	22.38	22.43	22.36		
20	16QAM	1	0	22.49	22.60	22.52		
20	16QAM	1	49	22.35	22.40	22.37	24	1
20	16QAM	1	99	22.39	22.43	22.40		
20	16QAM	50	0	21.36	21.47	21.45		
20	16QAM	50	24	21.36	21.38	21.34	23	2
20	16QAM	50	50	21.35	21.39	21.35		
20	16QAM	100	0	21.48	21.56	21.52		
20	64QAM	1	0	21.50	21.58	21.57		
20	64QAM	1	49	21.35	21.41	21.37	23	2
20	64QAM	1	99	21.33	21.37	21.34		
20	64QAM	50	0	20.36	20.42	20.36		
20	64QAM	50	24	20.26	20.33	20.32	22	3
20	64QAM	50	50	20.31	20.34	20.27		
20	64QAM	100	0	20.47	20.49	20.40		
20	256QAM	1	0	18.44	18.46	18.36		
20	256QAM	1	49	18.36	18.45	18.35	20	5
20	256QAM	1	99	18.26	18.36	18.30		
20	256QAM	50	0	18.41	18.42	18.37		
20	256QAM	50	24	18.29	18.37	18.30	20	5
20	256QAM	50	50	18.39	18.40	18.30		
20	256QAM	100	0	18.42	18.49	18.44		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.08	23.27	23.18		
15	QPSK	1	37	23.19	23.26	23.20	25	0
15	QPSK	1	74	23.15	23.29	23.31		
15	QPSK	36	0	22.45	22.43	22.39		
15	QPSK	36	20	22.26	22.33	22.29	24	1
15	QPSK	36	39	22.23	22.35	22.36		
15	QPSK	75	0	22.29	22.40	22.33		
15	16QAM	1	0	22.43	22.50	22.47		
15	16QAM	1	37	22.30	22.30	22.29	24	1
15	16QAM	1	74	22.35	22.33	22.32		
15	16QAM	36	0	21.30	21.40	21.35		
15	16QAM	36	20	21.33	21.33	21.25	23	2
15	16QAM	36	39	21.24	21.35	21.30		
15	16QAM	75	0	21.40	21.45	21.43		
15	64QAM	1	0	21.45	21.58	21.50		
15	64QAM	1	37	21.32	21.38	21.35	23	2
15	64QAM	1	74	21.28	21.33	21.24		
15	64QAM	36	0	20.26	20.36	20.26		
15	64QAM	36	20	20.18	20.26	20.22	22	3
15	64QAM	36	39	20.29	20.26	20.25		
15	64QAM	75	0	20.45	20.43	20.34		
15	256QAM	1	0	18.34	18.40	18.32		
15	256QAM	1	37	18.31	18.43	18.24	20	5
15	256QAM	1	74	18.19	18.27	18.21		
15	256QAM	36	0	18.39	18.41	18.36		
15	256QAM	36	20	18.23	18.34	18.28	20	5
15	256QAM	36	39	18.31	18.36	18.28		
15	256QAM	75	0	18.41	18.47	18.39		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.15	23.29	23.22		
10	QPSK	1	25	23.23	23.29	23.13	25	0
10	QPSK	1	49	23.20	23.26	23.25		
10	QPSK	25	0	22.42	22.48	22.45		
10	QPSK	25	12	22.21	22.33	22.28	24	1
10	QPSK	25	25	22.21	22.36	22.31		
10	QPSK	50	0	22.30	22.36	22.27		
10	16QAM	1	0	22.47	22.53	22.43		
10	16QAM	1	25	22.29	22.32	22.27	24	1
10	16QAM	1	49	22.36	22.35	22.34		
10	16QAM	25	0	21.34	21.42	21.40		
10	16QAM	25	12	21.28	21.32	21.32	23	2
10	16QAM	25	25	21.32	21.37	21.34		
10	16QAM	50	0	21.38	21.51	21.47		
10	64QAM	1	0	21.48	21.58	21.47		
10	64QAM	1	25	21.26	21.39	21.27	23	2
10	64QAM	1	49	21.32	21.31	21.28		
10	64QAM	25	0	20.33	20.39	20.27		
10	64QAM	25	12	20.20	20.26	20.24	22	3
10	64QAM	25	25	20.26	20.28	20.25		
10	64QAM	50	0	20.45	20.42	20.35		
10	256QAM	1	0	18.37	18.36	18.32		
10	256QAM	1	25	18.33	18.36	18.34	20	5
10	256QAM	1	49	18.17	18.32	18.28		
10	256QAM	25	0	18.39	18.32	18.35		
10	256QAM	25	12	18.20	18.34	18.26	20	5
10	256QAM	25	25	18.32	18.38	18.29		
10	256QAM	50	0	18.36	18.44	18.35		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.10	23.32	23.18		
5	QPSK	1	12	23.18	23.26	23.14	25	0
5	QPSK	1	24	23.20	23.27	23.29		
5	QPSK	12	0	22.38	22.48	22.41		
5	QPSK	12	7	22.23	22.40	22.33	24	1
5	QPSK	12	13	22.23	22.33	22.27		
5	QPSK	25	0	22.28	22.41	22.26		
5	16QAM	1	0	22.48	22.53	22.50		
5	16QAM	1	12	22.32	22.31	22.30	24	1
5	16QAM	1	24	22.30	22.36	22.32		
5	16QAM	12	0	21.28	21.43	21.43		
5	16QAM	12	7	21.33	21.36	21.32	23	2
5	16QAM	12	13	21.32	21.30	21.33		
5	16QAM	25	0	21.44	21.49	21.44		
5	64QAM	1	0	21.42	21.55	21.48		
5	64QAM	1	12	21.28	21.31	21.34	23	2
5	64QAM	1	24	21.30	21.30	21.26		
5	64QAM	12	0	20.31	20.35	20.30		
5	64QAM	12	7	20.16	20.28	20.28	22	3
5	64QAM	12	13	20.26	20.28	20.23		
5	64QAM	25	0	20.39	20.44	20.36		
5	256QAM	1	0	18.36	18.39	18.27		
5	256QAM	1	12	18.27	18.43	18.29	20	5
5	256QAM	1	24	18.22	18.34	18.29		
5	256QAM	12	0	18.32	18.36	18.31		
5	256QAM	12	7	18.18	18.35	18.29	20	5
5	256QAM	12	13	18.32	18.33	18.19		
5	256QAM	25	0	18.33	18.47	18.35		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.08	23.26	23.18		
3	QPSK	1	8	23.19	23.26	23.16	25	0
3	QPSK	1	14	23.17	23.27	23.22		
3	QPSK	8	0	22.46	22.42	22.42		
3	QPSK	8	4	22.29	22.32	22.28	24	1
3	QPSK	8	7	22.26	22.37	22.29		
3	QPSK	15	0	22.34	22.40	22.27		
3	16QAM	1	0	22.41	22.50	22.49		
3	16QAM	1	8	22.31	22.34	22.30	24	1
3	16QAM	1	14	22.29	22.40	22.33		
3	16QAM	8	0	21.28	21.40	21.34		
3	16QAM	8	4	21.33	21.32	21.28	23	2
3	16QAM	8	7	21.26	21.34	21.28		
3	16QAM	15	0	21.46	21.47	21.42		
3	64QAM	1	0	21.42	21.51	21.50		
3	64QAM	1	8	21.29	21.31	21.28	23	2
3	64QAM	1	14	21.27	21.35	21.30		
3	64QAM	8	0	20.28	20.40	20.32		
3	64QAM	8	4	20.20	20.31	20.24	22	3
3	64QAM	8	7	20.21	20.25	20.21		
3	64QAM	15	0	20.40	20.47	20.35		
3	256QAM	1	0	18.33	18.39	18.35		
3	256QAM	1	8	18.34	18.37	18.28	20	5
3	256QAM	1	14	18.15	18.27	18.26		
3	256QAM	8	0	18.39	18.37	18.35		
3	256QAM	8	4	18.21	18.29	18.26	20	5
3	256QAM	8	7	18.37	18.33	18.25		
3	256QAM	15	0	18.40	18.40	18.43		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.13	23.27	23.15		
1.4	QPSK	1	3	23.23	23.26	23.18		
1.4	QPSK	1	5	23.17	23.31	23.28	25	0
1.4	QPSK	3	0	23.12	23.25	23.14		
1.4	QPSK	3	1	23.22	23.20	23.14		
1.4	QPSK	3	3	23.17	23.30	23.23		
1.4	QPSK	6	0	22.34	22.41	22.27	24	1
1.4	16QAM	1	0	22.45	22.57	22.49		
1.4	16QAM	1	3	22.26	22.36	22.33		
1.4	16QAM	1	5	22.35	22.32	22.34	24	1
1.4	16QAM	3	0	22.43	22.50	22.45		
1.4	16QAM	3	1	22.29	22.38	22.36		
1.4	16QAM	3	3	22.30	22.32	22.29		
1.4	16QAM	6	0	21.42	21.47	21.46	23	2
1.4	64QAM	1	0	21.42	21.51	21.51		
1.4	64QAM	1	3	21.31	21.35	21.36		
1.4	64QAM	1	5	21.29	21.31	21.23	23	2
1.4	64QAM	3	0	21.46	21.50	21.55		
1.4	64QAM	3	1	21.26	21.39	21.31		
1.4	64QAM	3	3	21.28	21.27	21.23		
1.4	64QAM	6	0	20.41	20.46	20.31	22	3
1.4	256QAM	1	0	18.41	18.43	18.27		
1.4	256QAM	1	3	18.34	18.38	18.29		
1.4	256QAM	1	5	18.15	18.26	18.20	20	5
1.4	256QAM	3	0	18.33	18.32	18.32		
1.4	256QAM	3	1	18.20	18.28	18.27		
1.4	256QAM	3	3	18.30	18.30	18.22		
1.4	256QAM	6	0	18.39	18.40	18.35	20	5

Band 4 Ant6 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.36	21.49	21.25		
20	QPSK	1	49	21.39	21.39	21.31	23.2	0
20	QPSK	1	99	21.35	21.39	21.28		
20	QPSK	50	0	21.44	21.48	21.37		
20	QPSK	50	24	21.47	21.40	21.31	23.2	0
20	QPSK	50	50	21.38	21.45	21.37		
20	QPSK	100	0	21.31	21.40	21.39		
20	16QAM	1	0	21.35	21.39	21.20		
20	16QAM	1	49	21.37	21.37	21.27	23.2	0
20	16QAM	1	99	21.33	21.37	21.25		
20	16QAM	50	0	20.30	20.39	20.35		
20	16QAM	50	24	21.39	21.37	21.27	23.2	0
20	16QAM	50	50	21.28	21.41	21.28		
20	16QAM	100	0	21.30	21.33	21.35		
20	64QAM	1	0	21.33	21.40	21.20		
20	64QAM	1	49	21.33	21.34	21.23	23.2	0
20	64QAM	1	99	21.27	21.41	21.20		
20	64QAM	50	0	20.90	20.99	20.73		
20	64QAM	50	24	20.94	20.86	20.78	22.7	0.5
20	64QAM	50	50	20.87	20.88	20.82		
20	64QAM	100	0	20.97	20.95	20.84		
20	256QAM	1	0	18.90	19.01	18.71		
20	256QAM	1	49	18.84	18.88	18.82	20.7	2.5
20	256QAM	1	99	18.82	18.97	18.74		
20	256QAM	50	0	18.90	19.01	18.86		
20	256QAM	50	24	18.99	18.93	18.81	20.7	2.5
20	256QAM	50	50	18.94	18.92	18.83		
20	256QAM	100	0	18.86	18.93	18.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.29	21.47	21.27		
15	QPSK	1	37	21.31	21.33	21.33	23.2	0
15	QPSK	1	74	21.26	21.35	21.27		
15	QPSK	36	0	21.38	21.43	21.46		
15	QPSK	36	20	21.41	21.33	21.40	23.2	0
15	QPSK	36	39	21.27	21.40	21.40		
15	QPSK	75	0	21.24	21.29	21.40		
15	16QAM	1	0	21.28	21.32	21.24		
15	16QAM	1	37	21.33	21.28	21.24	23.2	0
15	16QAM	1	74	21.30	21.28	21.27		
15	16QAM	36	0	21.29	21.35	21.37		
15	16QAM	36	20	21.31	21.32	21.31	23.2	0
15	16QAM	36	39	21.22	21.33	21.31		
15	16QAM	75	0	21.28	21.37	21.37		
15	64QAM	1	0	21.29	21.31	21.29		
15	64QAM	1	37	21.25	21.26	21.25	23.2	0
15	64QAM	1	74	21.26	21.30	21.24		
15	64QAM	36	0	20.86	20.89	20.77		
15	64QAM	36	20	20.82	20.90	20.78	22.7	0.5
15	64QAM	36	39	20.79	20.80	20.87		
15	64QAM	75	0	20.91	20.86	20.87		
15	256QAM	1	0	18.85	18.90	18.78		
15	256QAM	1	37	18.82	18.86	18.87	20.7	2.5
15	256QAM	1	74	18.73	18.89	18.80		
15	256QAM	36	0	18.81	18.99	18.85		
15	256QAM	36	20	18.92	18.89	18.79	20.7	2.5
15	256QAM	36	39	18.78	18.91	18.79		
15	256QAM	75	0	18.79	18.87	18.87		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.27	21.43	21.23		
10	QPSK	1	25	21.34	21.36	21.25	23.2	0
10	QPSK	1	49	21.25	21.37	21.21		
10	QPSK	25	0	21.42	21.40	21.32		
10	QPSK	25	12	21.43	21.32	21.26	23.2	0
10	QPSK	25	25	21.30	21.39	21.31		
10	QPSK	50	0	21.24	21.37	21.36		
10	16QAM	1	0	21.28	21.29	21.31		
10	16QAM	1	25	21.34	21.33	21.22	23.2	0
10	16QAM	1	49	21.31	21.33	21.21		
10	16QAM	25	0	21.31	21.35	21.30		
10	16QAM	25	12	21.28	21.34	21.36	23.2	0
10	16QAM	25	25	21.21	21.35	21.25		
10	16QAM	50	0	21.27	21.29	21.29		
10	64QAM	1	0	21.33	21.38	21.25		
10	64QAM	1	25	21.22	21.30	21.31	23.2	0
10	64QAM	1	49	21.21	21.32	21.25		
10	64QAM	25	0	20.91	20.91	20.71		
10	64QAM	25	12	20.82	20.83	20.73	22.7	0.5
10	64QAM	25	25	20.80	20.83	20.81		
10	64QAM	50	0	20.96	20.92	20.77		
10	256QAM	1	0	18.81	18.95	18.80		
10	256QAM	1	25	18.80	18.86	18.76	20.7	2.5
10	256QAM	1	49	18.80	18.90	18.80		
10	256QAM	25	0	18.84	18.93	18.84		
10	256QAM	25	12	18.80	18.83	18.76	20.7	2.5
10	256QAM	25	25	18.75	18.83	18.75		
10	256QAM	50	0	18.80	18.85	18.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.40	21.40	21.40		
5	QPSK	1	12	21.30	21.31	21.27	23.2	0
5	QPSK	1	24	21.32	21.29	21.27		
5	QPSK	12	0	21.41	21.42	21.35		
5	QPSK	12	7	21.27	21.31	21.25	23.2	0
5	QPSK	12	13	21.34	21.30	21.30		
5	QPSK	25	0	21.22	21.21	21.21		
5	16QAM	1	0	21.27	21.29	21.29		
5	16QAM	1	12	21.30	21.27	21.27	23.2	0
5	16QAM	1	24	21.25	21.21	21.25		
5	16QAM	12	0	21.33	21.29	21.27		
5	16QAM	12	7	21.26	21.22	21.26	23.2	0
5	16QAM	12	13	21.27	21.22	21.28		
5	16QAM	25	0	21.25	21.25	21.25		
5	64QAM	1	0	21.26	21.21	21.29		
5	64QAM	1	12	21.25	21.25	21.21	23.2	0
5	64QAM	1	24	21.25	21.25	21.25		
5	64QAM	12	0	20.80	20.85	20.79		
5	64QAM	12	7	20.79	20.74	20.74	22.7	0.5
5	64QAM	12	13	20.78	20.77	20.76		
5	64QAM	25	0	20.87	20.81	20.81		
5	256QAM	1	0	18.82	18.85	18.87		
5	256QAM	1	12	18.85	18.78	18.81	20.7	2.5
5	256QAM	1	24	18.84	18.78	18.85		
5	256QAM	12	0	18.82	18.93	18.84		
5	256QAM	12	7	18.82	18.81	18.84	20.7	2.5
5	256QAM	12	13	18.77	18.75	18.79		
5	256QAM	25	0	18.77	18.80	18.83		
Channel				19950	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.45	21.44	21.41		
3	QPSK	1	8	21.27	21.30	21.27	23.2	0
3	QPSK	1	14	21.25	21.29	21.26		
3	QPSK	8	0	21.33	21.33	21.42		
3	QPSK	8	4	21.24	21.23	21.29	23.2	0
3	QPSK	8	7	21.31	21.37	21.37		
3	QPSK	15	0	21.23	21.28	21.24		
3	16QAM	1	0	21.29	21.32	21.28		
3	16QAM	1	8	21.25	21.24	21.25	23.2	0
3	16QAM	1	14	21.23	21.37	21.23		
3	16QAM	8	0	21.25	21.29	21.33		
3	16QAM	8	4	21.22	21.30	21.23	23.2	0
3	16QAM	8	7	21.30	21.26	21.26		
3	16QAM	15	0	21.23	21.25	21.37		
3	64QAM	1	0	21.23	21.29	21.21		
3	64QAM	1	8	21.26	21.25	21.37	23.2	0
3	64QAM	1	14	21.20	21.25	21.25		
3	64QAM	8	0	20.86	20.86	20.84		
3	64QAM	8	4	20.70	20.70	20.75	22.7	0.5
3	64QAM	8	7	20.73	20.74	20.78		
3	64QAM	15	0	20.83	20.78	20.77		
3	256QAM	1	0	18.83	18.84	18.85		
3	256QAM	1	8	18.85	18.78	18.82	20.7	2.5
3	256QAM	1	14	18.82	18.87	18.86		
3	256QAM	8	0	18.94	18.88	18.88		
3	256QAM	8	4	18.83	18.81	18.80	20.7	2.5
3	256QAM	8	7	18.76	18.73	18.73		
3	256QAM	15	0	18.80	18.75	18.80		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.40	21.39	21.38		
1.4	QPSK	1	3	21.25	21.32	21.23		
1.4	QPSK	1	5	21.33	21.28	21.34	23.2	0
1.4	QPSK	3	0	21.34	21.40	21.40		
1.4	QPSK	3	1	21.22	21.31	21.28		
1.4	QPSK	3	3	21.38	21.37	21.30		
1.4	QPSK	6	0	21.25	21.20	21.24	23.2	0
1.4	16QAM	1	0	21.27	21.24	21.27		
1.4	16QAM	1	3	21.37	21.37	21.27		
1.4	16QAM	1	5	21.37	21.37	21.22	23.2	0
1.4	16QAM	3	0	21.27	21.24	21.28		
1.4	16QAM	3	1	21.30	21.24	21.29		
1.4	16QAM	3	3	21.31	21.24	21.27		
1.4	16QAM	6	0	21.27	21.24	21.27	23.2	0
1.4	64QAM	1	0	21.21	21.22	21.22		
1.4	64QAM	1	3	21.25	21.22	21.27		
1.4	64QAM	1	5	21.32	21.31	21.28	23.2	0
1.4	64QAM	3	0	21.25	21.27	21.24		
1.4	64QAM	3	1	21.32	21.24	21.23		
1.4	64QAM	3	3	21.31	21.27	21.27		
1.4	64QAM	6	0	20.78	20.77	20.81	22.7	0.5
1.4	256QAM	1	0	18.81	18.85	18.83		
1.4	256QAM	1	3	18.84	18.85	18.75		
1.4	256QAM	1	5	18.87	18.81	18.79	20.7	2.5
1.4	256QAM	3	0	18.95	18.91	18.94		
1.4	256QAM	3	1	18.85	18.81	18.84		
1.4	256QAM	3	3	18.75	18.74	18.80		
1.4	256QAM	6	0	18.77	18.76	18.82	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	18.91	18.97	18.85		
20	QPSK	1	49	18.85	18.88	18.80	20.7	0
20	QPSK	1	99	18.89	18.89	18.72		
20	QPSK	50	0	18.82	18.96	18.91		
20	QPSK	50	24	18.73	18.91	18.81	20.7	0
20	QPSK	50	50	18.86	18.95	18.83		
20	QPSK	100	0	18.93	18.93	18.84		
20	16QAM	1	0	18.81	18.90	18.76		
20	16QAM	1	49	18.76	18.85	18.76	20.7	0
20	16QAM	1	99	18.86	18.84	18.72		
20	16QAM	50	0	18.74	18.87

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.36	21.57	21.47	23	0
20	QPSK	1	49	21.41	21.44	21.40		
20	QPSK	1	99	21.42	21.50	21.37		
20	QPSK	50	0	21.46	21.47	21.30		
20	QPSK	50	24	21.37	21.42	21.37		
20	QPSK	50	50	21.44	21.42	21.26		
20	QPSK	100	0	21.35	21.46	21.38		
20	16QAM	1	0	21.26	21.51	21.37	23	0
20	16QAM	1	49	21.37	21.36	21.37		
20	16QAM	1	99	21.37	21.44	21.29		
20	16QAM	50	0	21.36	21.37	21.25		
20	16QAM	50	24	21.35	21.40	21.36		
20	16QAM	50	50	21.37	21.39	21.18		
20	16QAM	100	0	21.29	21.37	21.34		
20	64QAM	1	0	21.25	21.49	21.41	23	0
20	64QAM	1	49	21.32	21.41	21.35		
20	64QAM	1	99	21.36	21.41	21.34		
20	64QAM	50	0	20.85	21.07	20.93	22.5	0.5
20	64QAM	50	24	20.95	20.89	20.94		
20	64QAM	50	50	20.96	20.97	20.87		
20	64QAM	100	0	20.96	21.01	20.76		
20	256QAM	1	0	18.87	19.08	18.98	20.5	2.5
20	256QAM	1	49	18.88	18.94	18.91		
20	256QAM	1	99	18.95	19.01	18.91		
20	256QAM	50	0	18.95	18.99	18.85		
20	256QAM	50	24	18.84	18.96	18.91	20.5	2.5
20	256QAM	50	50	18.92	18.90	18.78		
20	256QAM	100	0	18.81	18.99	18.84		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.27	21.48	21.38	23	0
15	QPSK	1	37	21.35	21.33	21.31		
15	QPSK	1	74	21.33	21.38	21.28		
15	QPSK	36	0	21.39	21.39	21.19		
15	QPSK	36	20	21.28	21.32	21.27		
15	QPSK	36	39	21.35	21.36	21.19		
15	QPSK	75	0	21.29	21.36	21.30		
15	16QAM	1	0	21.15	21.41	21.28	23	0
15	16QAM	1	37	21.27	21.27	21.25		
15	16QAM	1	74	21.30	21.32	21.21		
15	16QAM	36	0	21.24	21.29	21.16		
15	16QAM	36	20	21.29	21.31	21.27		
15	16QAM	36	39	21.29	21.31	21.10		
15	16QAM	75	0	21.22	21.27	21.28		
15	64QAM	1	0	21.17	21.38	21.29	23	0
15	64QAM	1	37	21.21	21.34	21.25		
15	64QAM	1	74	21.26	21.33	21.27		
15	64QAM	36	0	20.75	21.00	20.85	22.5	0.5
15	64QAM	36	20	20.85	20.81	20.83		
15	64QAM	36	39	20.88	20.86	20.80		
15	64QAM	75	0	20.87	20.92	20.69		
15	256QAM	1	0	18.75	18.96	18.90	20.5	2.5
15	256QAM	1	37	18.77	18.83	18.81		
15	256QAM	1	74	18.88	18.91	18.83		
15	256QAM	36	0	18.84	18.89	18.77		
15	256QAM	36	20	18.72	18.86	18.81	20.5	2.5
15	256QAM	36	39	18.85	18.79	18.72		
15	256QAM	75	0	18.70	18.89	18.77		
Channel				37900	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2570	2595	2615		
10	QPSK	1	0	21.25	21.47	21.40	23	0
10	QPSK	1	25	21.35	21.37	21.31		
10	QPSK	1	49	21.36	21.40	21.26		
10	QPSK	25	0	21.36	21.39	21.19		
10	QPSK	25	12	21.25	21.31	21.28	23	0
10	QPSK	25	25	21.35	21.31	21.17		
10	QPSK	50	0	21.27	21.36	21.29		
10	16QAM	1	0	21.19	21.42	21.28	23	0
10	16QAM	1	25	21.30	21.29	21.29		
10	16QAM	1	49	21.25	21.33	21.19		
10	16QAM	25	0	21.30	21.28	21.16	23	0
10	16QAM	25	12	21.24	21.32	21.27		
10	16QAM	25	25	21.29	21.31	21.08		
10	16QAM	50	0	21.20	21.30	21.26		
10	64QAM	1	0	21.14	21.38	21.33	23	0
10	64QAM	1	25	21.23	21.34	21.26		
10	64QAM	1	49	21.29	21.29	21.24		
10	64QAM	25	0	20.75	20.95	20.82	22.5	0.5
10	64QAM	25	12	20.84	20.79	20.83		
10	64QAM	25	25	20.85	20.89	20.75		
10	64QAM	50	0	20.88	20.95	20.70		
10	256QAM	1	0	18.75	18.99	18.87	20.5	2.5
10	256QAM	1	25	18.78	18.84	18.83		
10	256QAM	1	49	18.87	18.89	18.82		
10	256QAM	25	0	18.87	18.91	18.75		
10	256QAM	25	12	18.77	18.86	18.82	20.5	2.5
10	256QAM	25	25	18.86	18.91	18.68		
10	256QAM	50	0	18.73	18.93	18.75		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.25	21.46	21.37	23	0
5	QPSK	1	12	21.34	21.35	21.34		
5	QPSK	1	24	21.36	21.43	21.29		
5	QPSK	12	0	21.38	21.40	21.21		
5	QPSK	12	7	21.29	21.33	21.28	23	0
5	QPSK	12	13	21.34	21.34	21.16		
5	QPSK	25	0	21.24	21.40	21.32		
5	16QAM	1	0	21.17	21.41	21.26	23	0
5	16QAM	1	12	21.26	21.26	21.29		
5	16QAM	1	24	21.28	21.37	21.19		
5	16QAM	12	0	21.25	21.29	21.15	23	0
5	16QAM	12	7	21.26	21.28	21.30		
5	16QAM	12	13	21.30	21.31	21.07		
5	16QAM	25	0	21.19	21.28	21.25		
5	64QAM	1	0	21.16	21.41	21.34	23	0
5	64QAM	1	12	21.24	21.30	21.25		
5	64QAM	1	24	21.28	21.33	21.26		
5	64QAM	12	0	20.78	20.99	20.84	22.5	0.5
5	64QAM	12	7	20.87	20.85	20.85		
5	64QAM	12	13	20.85	20.88	20.76		
5	64QAM	25	0	20.84	20.90	20.65		
5	256QAM	1	0	18.77	18.98	18.90	20.5	2.5
5	256QAM	1	12	18.81	18.83	18.84		
5	256QAM	1	24	18.87	18.93	18.80		
5	256QAM	12	0	18.85	18.89	18.74		
5	256QAM	12	7	18.73	18.85	18.83	20.5	2.5
5	256QAM	12	13	18.82	18.82	18.71		
5	256QAM	25	0	18.74	18.91	18.73		

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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	20.79	20.71	21.08	20.96	20.80	22.5	0
20	QPSK	1	49	20.85	20.95	20.99	20.99	20.98		
20	QPSK	1	99	20.98	20.97	21.04	20.92	20.85		
20	QPSK	50	0	20.89	20.94	21.05	20.98	20.88		
20	QPSK	50	24	20.91	20.98	21.01	20.99	20.84		
20	QPSK	50	50	20.91	20.98	20.98	20.82	20.86		
20	QPSK	100	0	20.98	20.88	21.01	20.90	20.86		
20	16QAM	1	0	20.70	20.63	21.04	20.83	20.70	22.5	0
20	16QAM	1	49	20.80	20.91	20.90	20.90	20.94		
20	16QAM	1	99	20.93	20.85	20.97	20.79	20.81		
20	16QAM	50	0	20.81	20.87	20.95	20.85	20.84		
20	16QAM	50	24	20.83	20.79	20.91	20.76	20.75		
20	16QAM	50	50	20.81	20.89	20.89	20.70	20.77		
20	16QAM	100	0	20.87	20.79	20.97	20.82	20.79		
20	64QAM	1	0	20.71	20.65	21.03	20.89	20.67	22.5	0
20	64QAM	1	49	20.74	20.88	20.95	20.95	20.86		
20	64QAM	1	99	20.88	20.92	20.96	20.81	20.73		
20	64QAM	50	0	20.85	20.86	20.94	20.91	20.83	22.5	0
20	64QAM	50	24	20.79	20.76	20.95	20.82	20.78		
20	64QAM	50	50	20.85	20.87	20.87	20.79	20.82		
20	64QAM	100	0	20.87	20.85	20.95	20.80	20.75		
20	256QAM	1	0	18.80	18.71	19.03	18.92	18.84	20.5	2
20	256QAM	1	49	18.84	18.99	19.03	18.97	18.95		
20	256QAM	1	99	18.95	18.94	19.08	18.89	18.84		
20	256QAM	50	0	18.87	18.95	19.03	18.95	18.84		
20	256QAM	50	24	18.96	18.87	19.06	18.88	18.80	20.5	2
20	256QAM	50	50	18.93	18.96	19.01	18.78	18.82		
20	256QAM	100	0	19.01	18.87	18.99	18.88	18.85		
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	20.69	20.64	20.98	20.93	20.78	23	0
15	QPSK	1	37	20.83	20.91	20.96	20.96	20.91		
15	QPSK	1	74	20.92	20.87	21.00	20.88	20.79		
15	QPSK	36	0	20.79	20.89	20.96	20.94	20.78	22.5	0
15	QPSK	36	20	20.87	20.85	20.97	20.82	20.82		
15	QPSK	36	39	20.82	20.96	20.96	20.79	20.82		
15	QPSK	75	0	20.96	20.86	20.94	20.84	20.85		
15	16QAM	1	0	20.63	20.61	20.96	20.76	20.67	22.5	0
15	16QAM	1	37	20.77	20.84	20.80	20.87	20.93		
15	16QAM	1	74	20.92	20.80	20.89	20.75	20.77		
15	16QAM	36	0	20.71	20.84	20.91	20.83	20.80		
15	16QAM	36	20	20.75	20.71	20.83	20.70	20.72		
15	16QAM	36	39	20.77	20.87	20.86	20.60	20.72		
15	16QAM	75	0	20.81	20.74	20.87	20.71	20.76		
15	64QAM	1	0	20.66	20.55	20.99	20.83	20.60	22.5	0
15	64QAM	1	37	20.79	20.79	20.87	20.90	20.77		
15	64QAM	1	74	20.83	20.84	20.87	20.76	20.68		
15	64QAM	36	0	20.83	20.80	20.86	20.82	20.80		
15	64QAM	36	20	20.73	20.71	20.90	20.77	20.71		
15	64QAM	36	39	20.81	20.76	20.90	20.70	20.70		
15	64QAM	75	0	20.77	20.79	20.90	20.79	20.70		
15	256QAM	1	0	18.74	18.67	19.02	18.88	18.74	20.5	2
15	256QAM	1	37	18.78	18.89	19.02	18.91	18.89		
15	256QAM	1	74	18.87	18.89	19.05	18.86	18.81		
15	256QAM	36	0	18.85	18.89	18.99	18.86	18.78		
15	256QAM	36	20	18.89	18.81	18.98	18.78	18.76	20.5	2
15	256QAM	36	39	18.91	18.86	18.95	18.76	18.78		
15	256QAM	75	0	18.94	18.82	18.88	18.79	18.83		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.75	20.61	21.03	20.92	20.71	23	0
10	QPSK	1	25	20.74	20.86	20.98	20.92	20.88		
10	QPSK	1	49	20.90	20.91	20.93	20.87	20.78		
10	QPSK	25	0	20.86	20.86	21.00	20.95	20.84	22.5	0
10	QPSK	25	12	20.89	20.79	20.94	20.80	20.83		
10	QPSK	25	25	20.84	20.94	20.87	20.77	20.82		
10	QPSK	50	0	20.88	20.86	20.95	20.88	20.81		
10	16QAM	1	0	20.63	20.53	20.99	20.73	20.63	22.5	0
10	16QAM	1	25	20.74	20.81	20.84	20.82	20.92		
10	16QAM	1	49	20.90	20.79	20.93	20.75	20.71		
10	16QAM	25	0	20.70	20.85	20.87	20.78	20.74		
10	16QAM	25	12	20.82	20.70	20.89	20.70	20.70		
10	16QAM	25	25	20.77	20.87	20.78	20.68	20.75		
10	16QAM	50	0	20.82	20.70	20.94	20.75	20.75		
10	64QAM	1	0	20.62	20.63	20.99	20.87	20.59	22.5	0
10	64QAM	1	25	20.89	20.82	20.87	20.90	20.83		
10	64QAM	1	49	20.85	20.86	20.86	20.76	20.63		
10	64QAM	25	0	20.79	20.80	20.85	20.87	20.73		
10	64QAM	25	12	20.74	20.71	20.88	20.75	20.69		
10	64QAM	25	25	20.78	20.84	20.77	20.76	20.69		
10	64QAM	50	0	20.79	20.80	20.91	20.76	20.71		
10	256QAM	1	0	18.75	18.63	18.99	18.91	18.83	20.5	2
10	256QAM	1	25	18.77	18.94	18.95	18.90	18.90		
10	256QAM	1	49	18.88	18.87	19.05	18.85	18.82		
10	256QAM	25	0	18.79	18.94	18.94	18.85	18.82	20.5	2
10	256QAM	25	12	18.85	18.84	18.97	18.77	18.72		
10	256QAM	25	25	18.87	18.93	18.99	18.74	18.78		
10	256QAM	50	0	18.98	18.79	18.97	18.83	18.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.2	2687.5		
5	QPSK	1	0	20.71	20.69	21.02	20.89	20.74	23	0
5	QPSK	1	12	20.82	20.88	20.92	20.89	20.91		
5	QPSK	1	24	20.97	20.87	20.96	20.84	20.81		
5	QPSK	12	0	20.85	20.93	20.96	20.95	20.77	22.5	0
5	QPSK	12	7	20.89	20.77	20.95	20.88	20.81		
5	QPSK	12	13	20.89	20.89	20.87	20.81	20.75		
5	QPSK	25	0	20.95	20.83	20.97	20.84	20.81		
5	16QAM	1	0	20.61	20.61	20.98	20.76	20.63	22.5	0
5	16QAM	1	12	20.75	20.85	20.84	20.79	20.88		
5	16QAM	1	24	20.86	20.79	20.95	20.69	20.71		
5	16QAM	12	0	20.77	20.77	20.88	20.79	20.77		
5	16QAM	12	7	20.80	20.69	20.80	20.72	20.71		
5	16QAM	12	13	20.75	20.88	20.88	20.64	20.72		
5	16QAM	25	0	20.80	20.69	20.91	20.79	20.75		
5	64QAM	1	0	20.64	20.64	20.98	20.81	20.60	22.5	0
5	64QAM	1	12	20.72	20.81	20.88	20.80	20.78		
5	64QAM	1	24	20.78	20.85	20.94	20.73	20.65		
5	64QAM	12	0	20.77	20.85	20.92	20.81	20.73	22.5	0
5	64QAM	12	7	20.69	20.69	20.86	20.78	20.68		
5	64QAM	12	13	20.79	20.85	20.77	20.73	20.73		
5	64QAM	25	0	20.78	20.84	20.88	20.74	20.66		
5	256QAM	1	0	18.79	18.64	19.00	18.88	18.83	20.5	2
5	256QAM	1	12	18.77	18.91	18.98	18.90	18.92		
5	256QAM	1	24	18.86	18.92	19.06	18.82	18.76		
5	256QAM	12	0	18.85	18.93	18.95	18.92	18.75	20.5	2
5	256QAM	12	7	18.87	18.79	19.00	18.77	18.78		
5	256QAM	12	13	18.90	18.89	18.98	18.74	18.74		
5	256QAM	25	0	18.98	18.80	18.90	18.79	18.81		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.75	20.95	20.63	22.5	0
20	QPSK	1	49	20.81	20.88	20.76		
20	QPSK	1	99	20.74	20.75	20.85		
20	QPSK	50	0	20.88	20.89	20.71		
20	QPSK	50	24	20.83	20.80	20.76		
20	QPSK	50	50	20.86	20.81	20.79		
20	QPSK	100	0	20.69	20.85	20.80		
20	16QAM	1	0	20.66	20.87	20.52	22.5	0
20	16QAM	1	49	20.78	20.76	20.64		
20	16QAM	1	99	20.71	20.64	20.72		
20	16QAM	50	0	20.65	20.85	20.57		
20	16QAM	50	24	20.77	20.80	20.70		
20	16QAM	50	50	20.69	20.65	20.79		
20	16QAM	100	0	20.76	20.83	20.64		
20	64QAM	1	0	20.77	20.72	20.69	22.5	0
20	64QAM	1	49	20.82	20.74	20.75		
20	64QAM	1	99	20.60	20.81	20.69		
20	64QAM	50	0	19.72	19.94	19.59	21.5	1
20	64QAM	50	24	19.84	19.91	19.77		
20	64QAM	50	50	19.77	19.76	19.88		
20	64QAM	100	0	19.85	19.89	19.75		
20	256QAM	1	0	17.72	17.97	17.59	19.5	3
20	256QAM	1	49	17.81	17.93	17.78		
20	256QAM	1	99	17.75	17.77	17.81		
20	256QAM	50	0	17.85	17.87	17.68		
20	256QAM	50	24	17.86	17.77	17.79		
20	256QAM	50	50	17.91	17.83	17.78		
20	256QAM	100	0	17.68	17.82	17.80		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.72	20.92	20.60	22.5	0
15	QPSK	1	37	20.75	20.83	20.66		
15	QPSK	1	74	20.64	20.71	20.83		
15	QPSK	36	0	20.87	20.80	20.63		
15	QPSK	36	20	20.79	20.70	20.67		
15	QPSK	36	39	20.77	20.76	20.75		
15	QPSK	75	0	20.65	20.78	20.71		
15	16QAM	1	0	20.61	20.82	20.56	22.5	0
15	16QAM	1	37	20.75	20.75	20.62		
15	16QAM	1	74	20.66	20.55	20.66		
15	16QAM	36	0	20.58	20.78	20.54		
15	16QAM	36	20	20.68	20.77	20.61		
15	16QAM	36	39	20.61	20.58	20.70		
15	16QAM	75	0	20.71	20.82	20.61		
15	64QAM	1	0	20.75	20.63	20.61	22.5	0
15	64QAM	1	37	20.72	20.71	20.68		
15	64QAM	1	74	20.53	20.79	20.67		
15	64QAM	36	0	19.66	19.89	19.57	21.5	1
15	64QAM	36	20	19.83	19.85	19.72		
15	64QAM	36	39	19.76	19.67	19.82		
15	64QAM	75	0	19.81	19.79	19.69		
15	256QAM	1	0	17.70	17.91	17.50	19.5	3
15	256QAM	1	37	17.73	17.88	17.76		
15	256QAM	1	74	17.73	17.73	17.80		
15	256QAM	36	0	17.76	17.83	17.63		
15	256QAM	36	20	17.81	17.66	17.75		
15	256QAM	36	39	17.87	17.82	17.69		
15	256QAM	75	0	17.61	17.72	17.71		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.69	20.92	20.53	22.5	0
10	QPSK	1	25	20.79	20.87	20.68		
10	QPSK	1	49	20.68	20.68	20.79		
10	QPSK	25	0	20.80	20.82	20.65		
10	QPSK	25	12	20.81	20.73	20.72		
10	QPSK	25	25	20.85	20.78	20.70		
10	QPSK	50	0	20.65	20.76	20.72		
10	16QAM	1	0	20.65	20.78	20.55	22.5	0
10	16QAM	1	25	20.68	20.74	20.62		
10	16QAM	1	49	20.61	20.62	20.63		
10	16QAM	25	0	20.60	20.81	20.54		
10	16QAM	25	12	20.74	20.70	20.66		
10	16QAM	25	25	20.60	20.57	20.70		
10	16QAM	50	0	20.71	20.82	20.62		
10	64QAM	1	0	20.71	20.69	20.60	22.5	0
10	64QAM	1	25	20.72	20.72	20.70		
10	64QAM	1	49	20.57	20.72	20.62		
10	64QAM	25	0	19.64	19.83	19.54	21.5	1
10	64QAM	25	12	19.83	19.81	19.70		
10	64QAM	25	25	19.70	19.72	19.86		
10	64QAM	50	0	19.77	19.80	19.73		
10	256QAM	1	0	17.70	17.95	17.76	19.5	3
10	256QAM	1	25	17.75	17.88	17.75		
10	256QAM	1	49	17.65	17.67	17.73		
10	256QAM	25	0	17.79	17.77	17.65		
10	256QAM	25	12	17.77	17.70	17.74		
10	256QAM	25	25	17.82	17.76	17.76		
10	256QAM	50	0	17.58	17.75	17.73		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.74	20.89	20.57	22.5	0
5	QPSK	1	12	20.76	20.86	20.66		
5	QPSK	1	24	20.68	20.74	20.79		
5	QPSK	12	0	20.85	20.85	20.65		
5	QPSK	12	7	20.82	20.71	20.69		
5	QPSK	12	13	20.84	20.77	20.69		
5	QPSK	25	0	20.64	20.82	20.72		
5	16QAM	1	0	20.61	20.82	20.56	22.5	0
5	16QAM	1	12	20.77	20.73	20.54		
5	16QAM	1	24	20.69	20.57	20.63		
5	16QAM	12	0	20.58	20.75	20.55		
5	16QAM	12	7	20.70	20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3490	3600	3540		
20	QPSK	1	0	20.39	20.58	20.46	21.2	0
20	QPSK	1	49	20.33	20.37	20.26		
20	QPSK	1	99	20.41	20.32	20.33		
20	QPSK	50	0	20.41	20.48	20.34		
20	QPSK	50	24	20.28	20.44	20.27		
20	QPSK	50	50	20.26	20.47	20.42		
20	QPSK	100	0	20.29	20.40	20.38		
20	16QAM	1	0	20.30	20.54	20.45	21.2	0
20	16QAM	1	49	20.29	20.31	20.23		
20	16QAM	1	99	20.35	20.24	20.24		
20	16QAM	50	0	20.30	20.41	20.30		
20	16QAM	50	24	20.18	20.40	20.17		
20	16QAM	50	50	20.23	20.41	20.33		
20	16QAM	100	0	20.22	20.31	20.32		
20	64QAM	1	0	20.35	20.54	20.37	21.2	0
20	64QAM	1	49	20.23	20.27	20.16		
20	64QAM	1	99	20.30	20.24	20.25		
20	64QAM	50	0	20.34	20.39	20.28		
20	64QAM	50	24	20.25	20.35	20.25		
20	64QAM	50	50	20.17	20.39	20.39		
20	64QAM	100	0	20.21	20.36	20.30		
20	256QAM	1	0	19.91	20.13	19.98	20.7	0.5
20	256QAM	1	49	19.86	19.89	19.80		
20	256QAM	1	99	19.87	19.83	19.80		
20	256QAM	50	0	19.95	19.96	19.88	20.7	0.5
20	256QAM	50	24	19.76	19.99	19.79		
20	256QAM	50	50	19.78	19.93	19.87		
20	256QAM	100	0	19.80	19.93	19.90		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3600	3742.5		
15	QPSK	1	0	20.31	20.56	20.38	21.2	0
15	QPSK	1	37	20.26	20.28	20.19		
15	QPSK	1	74	20.36	20.26	20.31		
15	QPSK	36	0	20.38	20.43	20.24		
15	QPSK	36	20	20.25	20.43	20.18		
15	QPSK	36	39	20.21	20.37	20.37		
15	QPSK	75	0	20.19	20.34	20.32		
15	16QAM	1	0	20.26	20.48	20.37	21.2	0
15	16QAM	1	37	20.19	20.21	20.13		
15	16QAM	1	74	20.25	20.23	20.15		
15	16QAM	36	0	20.25	20.38	20.24		
15	16QAM	36	20	20.11	20.31	20.09		
15	16QAM	36	39	20.16	20.38	20.26		
15	16QAM	75	0	20.13	20.25	20.22		
15	64QAM	1	0	20.33	20.50	20.31	21.2	0
15	64QAM	1	37	20.18	20.17	20.11		
15	64QAM	1	74	20.19	20.16	20.18		
15	64QAM	36	0	20.26	20.32	20.23		
15	64QAM	36	20	20.17	20.32	20.15		
15	64QAM	36	39	20.11	20.38	20.30		
15	64QAM	75	0	20.20	20.26	20.27		
15	256QAM	1	0	19.88	20.10	19.87	20.7	0.5
15	256QAM	1	37	19.75	19.85	19.74		
15	256QAM	1	74	19.85	19.73	19.76		
15	256QAM	36	0	19.92	19.87	19.87	20.7	0.5
15	256QAM	36	20	19.69	19.90	19.71		
15	256QAM	36	39	19.77	19.84	19.78		
15	256QAM	75	0	19.77	19.85	19.83		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3600	3745		
10	QPSK	1	0	20.30	20.57	20.35	21.2	0
10	QPSK	1	25	20.30	20.33	20.21		
10	QPSK	1	49	20.31	20.26	20.32		
10	QPSK	25	0	20.36	20.47	20.25		
10	QPSK	25	12	20.23	20.36	20.26		
10	QPSK	25	25	20.22	20.39	20.36		
10	QPSK	50	0	20.26	20.32	20.37		
10	16QAM	1	0	20.27	20.44	20.40	21.2	0
10	16QAM	1	25	20.28	20.26	20.21		
10	16QAM	1	49	20.28	20.22	20.16		
10	16QAM	25	0	20.20	20.30	20.19	21.2	0
10	16QAM	25	12	20.16	20.35	20.07		
10	16QAM	25	25	20.20	20.31	20.31		
10	16QAM	50	0	20.17	20.27	20.23		
10	64QAM	1	0	20.32	20.43	20.35	21.2	0
10	64QAM	1	25	20.12	20.22	20.14		
10	64QAM	1	49	20.25	20.16	20.15		
10	64QAM	25	0	20.30	20.33	20.24	21.2	0
10	64QAM	25	12	20.23	20.30	20.17		
10	64QAM	25	25	20.06	20.34	20.36		
10	64QAM	50	0	20.15	20.27	20.23		
10	256QAM	1	0	19.90	20.09	19.93	20.7	0.5
10	256QAM	1	25	19.84	19.81	19.77		
10	256QAM	1	49	19.85	19.80	19.76		
10	256QAM	25	0	19.88	19.88	19.84	20.7	0.5
10	256QAM	25	12	19.68	19.95	19.77		
10	256QAM	25	25	19.71	19.85	19.85		
10	256QAM	50	0	19.76	19.91	19.88		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3600	3747.5		
5	QPSK	1	0	20.37	20.54	20.40	21.2	0
5	QPSK	1	12	20.26	20.28	20.19		
5	QPSK	1	24	20.32	20.29	20.24		
5	QPSK	12	0	20.40	20.43	20.25	21.2	0
5	QPSK	12	7	20.22	20.41	20.20		
5	QPSK	12	13	20.18	20.45	20.31		
5	QPSK	25	0	20.25	20.33	20.35		
5	16QAM	1	0	20.28	20.50	20.42	21.2	0
5	16QAM	1	12	20.23	20.25	20.21		
5	16QAM	1	24	20.34	20.17	20.15		
5	16QAM	12	0	20.22	20.33	20.25	21.2	0
5	16QAM	12	7	20.10	20.34	20.12		
5	16QAM	12	13	20.17	20.39	20.23		
5	16QAM	25	0	20.20	20.23	20.31		
5	64QAM	1	0	20.30	20.49	20.30	21.2	0
5	64QAM	1	12	20.20	20.21	20.08		
5	64QAM	1	24	20.28	20.18	20.16		
5	64QAM	12	0	20.29	20.36	20.22	21.2	0
5	64QAM	12	7	20.21	20.30	20.21		
5	64QAM	12	13	20.08	20.30	20.29		
5	64QAM	25	0	20.19	20.29	20.28		
5	256QAM	1	0	19.87	20.07	19.92	20.7	0.5
5	256QAM	1	12	19.84	19.87	19.78		
5	256QAM	1	24	19.85	19.81	19.69		
5	256QAM	12	0	19.94	19.89	19.87	20.7	0.5
5	256QAM	12	7	19.69	19.96	19.74		
5	256QAM	12	13	19.74	19.92	19.77		
5	256QAM	25	0	19.78	19.87	19.87		

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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	20.88	21.11	20.92	20.82	21.7	0
20	QPSK	1	49	20.99	21.01	21.03	21.00		
20	QPSK	1	99	20.88	21.07	21.00	21.01		
20	QPSK	50	0	21.00	21.06	20.90	20.86		
20	QPSK	50	24	20.94	21.02	20.84	20.97		
20	QPSK	50	50	20.86	21.01	20.96	21.05		
20	QPSK	100	0	20.89	20.98	20.82	20.89		
20	16QAM	1	0	20.91	21.10	21.00	20.89	21.7	0
20	16QAM	1	49	20.95	21.02	21.01	21.04		
20	16QAM	1	99	20.90	21.10	21.00	21.01		
20	16QAM	50	0	20.92	21.02	20.86	20.89		
20	16QAM	50	24	20.92	21.04	20.90	20.92		
20	16QAM	50	50	20.85	21.01	20.97	20.96		
20	16QAM	100	0	20.88	21.02	20.84	20.85		
20	64QAM	1	0	20.91	21.05	20.95	20.83	21.7	0
20	64QAM	1	49	20.94	21.00	21.03	21.04		
20	64QAM	1	99	20.84	21.10	21.00	21.05		
20	64QAM	50	0	21.02	21.02	20.94	20.95		
20	64QAM	50	24	20.87	21.02	20.91	20.87		
20	64QAM	50	50	20.89	21.01	20.90	20.97		
20	64QAM	100	0	20.88	20.97	20.82	20.86		
20	256QAM	1	0	19.94	20.18	20.00	19.88	20.7	1
20	256QAM	1	49	20.02	20.02	20.06	20.06		
20	256QAM	1	99	19.88	20.16	20.08	20.05		
20	256QAM	50	0	20.06	20.05	20.02	19.91	20.7	1
20	256QAM	50	24	19.95	20.10	19.92	19.94		
20	256QAM	50	50	19.95	20.12	19.99	20.07		
20	256QAM	100	0	19.99	20.02	19.97	19.95		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.85	21.03	20.91	20.77	21.7	0
15	QPSK	1	37	20.91	20.91	20.98	20.95		
15	QPSK	1	74	20.85	21.00	20.96	20.96		
15	QPSK	36	0	20.90	21.04	20.87	20.84		
15	QPSK	36	20	20.88	20.95	20.79	20.90		
15	QPSK	36	39	20.83	20.96	20.92	21.02		
15	QPSK	75	0	20.84	20.89	20.77	20.79		
15	16QAM	1	0	20.86	21.03	20.94	20.84	21.7	0
15	16QAM	1	37	20.86	20.93	20.91	20.93		
15	16QAM	1	74	20.88	21.06	20.95	20.97		
15	16QAM	36	0	20.96	21.01	20.80	20.86		
15	16QAM	36	20	20.83	20.99	20.80	20.82		
15	16QAM	36	39	20.82	20.99	20.93	20.93		
15	16QAM	75	0	20.80	20.97	20.80	20.83		
15	64QAM	1	0	20.89	21.01	20.88	20.73	21.7	0
15	64QAM	1	37	20.90	20.98	20.99	21.00		
15	64QAM	1	74	20.75	20.99	20.92	20.99		
15	64QAM	36	0	20.93	20.91	20.84	20.93		
15	64QAM	36	20	20.86	20.92	20.80	20.77		
15	64QAM	36	39	20.82	20.98	20.79	20.94		
15	64QAM	75	0	20.81	20.88	20.78	20.81		
15	256QAM	1	0	19.89	20.07	19.96	19.84	20.7	1
15	256QAM	1	37	19.95	19.92	20.04	19.99		
15	256QAM	1	74	19.80	20.07	19.98	20.00		
15	256QAM	36	0	20.03	19.97	20.00	19.82	20.7	1
15	256QAM	36	20	19.90	20.03	19.84	19.84		
15	256QAM	36	39	19.87	20.10	19.97	20.00		
15	256QAM	75	0	19.95	20.01	19.91	19.88		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.85	21.05	20.90	20.79	21.7	0
10	QPSK	1	25	20.90	20.96	20.94	20.99		
10	QPSK	1	49	20.84	21.02	20.96	20.99		
10	QPSK	25	0	20.90	21.02	20.82	20.81		
10	QPSK	25	12	20.85	20.99	20.81	20.93		
10	QPSK	25	25	20.85	20.93	20.92	20.96		
10	QPSK	50	0	20.84	20.92	20.73	20.80		
10	16QAM	1	0	20.87	21.07	20.92	20.81	21.7	0
10	16QAM	1	25	20.84	20.97	20.94	21.01		
10	16QAM	1	49	20.84	21.04	20.91	20.92		
10	16QAM	25	0	20.93	20.96	20.80	20.78	21.7	0
10	16QAM	25	12	20.86	20.99	20.82	20.82		
10	16QAM	25	25	20.76	20.93	20.91	20.95		
10	16QAM	50	0	20.77	20.92	20.76	20.76		
10	64QAM	1	0	20.83	21.10	20.94	20.79	21.7	0
10	64QAM	1	25	20.87	20.97	20.97	20.96		
10	64QAM	1	49	20.82	20.99	20.90	20.98		
10	64QAM	25	0	20.98	20.99	20.87	20.93	21.7	0
10	64QAM	25	12	20.84	20.97	20.81	20.84		
10	64QAM	25	25	20.87	20.94	20.83	20.87		
10	64QAM	50	0	20.78	20.87	20.72	20.83		
10	256QAM	1	0	19.90	20.16	19.98	19.84	20.7	1
10	256QAM	1	25	19.95	19.92	19.95	20.01		
10	256QAM	1	49	19.87	20.06	19.99	19.97		
10	256QAM	25	0	19.96	19.96	20.00	19.81	20.7	1
10	256QAM	25	12	19.86	20.09	19.82	19.86		
10	256QAM	25	25	19.92	20.08	19.90	20.02		
10	256QAM	50	0	19.94	19.97	19.94	19.90		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	20.80	21.01	20.82	20.76	21.7	0
5	QPSK	1	12	20.94	20.90	20.95	20.89		
5	QPSK	1	24	20.79	20.99	20.97	20.91		
5	QPSK	12	0	20.96	20.98	20.83	20.83		
5	QPSK	12	7	20.83	21.00	20.81	20.94		
5	QPSK	12	13	20.77	20.90	20.89	20.96		
5	QPSK	25	0	20.81	20.96	20.72	20.86		
5	16QAM	1	0	20.82	21.05	20.94	20.83	21.7	0
5	16QAM	1	12	20.85	20.99	20.91	20.94		
5	16QAM	1	24	20.80	21.05	20.94	20.99		
5	16QAM	12	0	20.95	21.00	20.83	20.87	21.7	0
5	16QAM	12	7	20.82	20.94	20.83	20.82		
5	16QAM	12	13	20.78	20.91	20.89	20.91		
5	16QAM	25	0	20.80	20.97	20.83	20.80		
5	64QAM	1	0	20.90	21.02	20.89	20.74	21.7	0
5	64QAM	1	12	20.91	20.94	21.02	21.01		
5	64QAM	1	24	20.74	21.05	20.95	21.00		
5	64QAM	12	0	21.00	20.97	20.89	20.85	21.7	0
5	64QAM	12	7	20.84	20.93	20.81	20.80		
5	64QAM	12	13	20.86	20.94	20.85	20.95		
5	64QAM	25	0	20.77	20.88	20.74	20.83		
5	256QAM	1	0	19.92	20.17	19.99	19.82	20.7	1
5	256QAM	1	12	19.97	20.01	20.01	20.05		
5	256QAM	1	24	19.85	20.08	20.04	19.95		
5	256QAM	12	0	19.96	20.03	19.92	19.86	20.7	1
5	256QAM	12	7	19.92	20.02	19.81	19.93		
5	256QAM	12	13	19.84	20.01	19.89	20.06		
5	256QAM	25	0	19.95	19.92	19.87	19.91		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3490	3600	3540		
20	QPSK	1	0	18.77	18.69	18.60	19.5	0
20	QPSK	1	49	18.70	18.75	18.77		
20	QPSK	1	99	18.74	18.85	18.63		
20	QPSK	50	0	18.80	18.84	18.61	19.5	0
20	QPSK	50	24	18.83	18.75	18.69		
20	QPSK	50	50	18.70	18.80	18.76		
20	QPSK	100	0	18.69	18.77	18.63		
20	16QAM	1	0	18.67	18.85	18.49	19.5	0
20	16QAM	1	49	18.67	18.68	18.74		
20	16QAM	1	99	18.64	18.74	18.57		
20	16QAM	50	0	18.29	18.40	18.13	19	0.5
20	16QAM	50	24	18.22	18.23	18.23		
20	16QAM	50	50	18.26	18.40	18.16		
20	16QAM	100	0	18.29	18.33	18.15		
20	64QAM	1	0	18.33	18.26	18.19	19	0.5
20	64QAM	1	49	18.22	18.29	18.28		
20	64QAM	1	99	18.21	18.24	18.15		
20	64QAM	50	0	17.31	17.37	17.06	18	1.5
20	64QAM	50	24	17.25	17.23	17.31		
20	64QAM	50	50	17.25	17.34	17.13		
20	64QAM	100	0	17.32	17.31	17.13		
20	256QAM	1	0	15.32	15.37	15.12	16	3.5
20	256QAM	1	49	15.24	15.27	15.25		
20	256QAM	1	99	15.23	15.31	15.16		
20	256QAM	50	0	15.32	15.35	15.14	16	3.5
20	256QAM	50	24	15.35	15.22	15.17		
20	256QAM	50	50	15.24	15.31	15.21		
20	256QAM	100	0	15.18	15.25	15.12		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3600	3542.5		
15	QPSK	1	0	18.66	18.79	18.59	19.5	0
15	QPSK	1	37	18.61	18.73	18.75		
15	QPSK	1	74	18.68	18.78	18.58		
15	QPSK	36	0	18.74	18.83	18.58	19.5	0
15	QPSK	36	20	18.81	18.66	18.67		
15	QPSK	36	39	18.61	18.70	18.75		
15	QPSK	75	0	18.68	18.71	18.55		
15	16QAM	1	0	18.58	18.80	18.47	19.5	0
15	16QAM	1	37	18.61	18.66	18.67		
15	16QAM	1	74	18.61	18.66	18.56		
15	16QAM	36	0	18.25	18.31	18.05	19	0.5
15	16QAM	36	20	18.12	18.14	18.17		
15	16QAM	36	39	18.16	18.38	18.12		
15	16QAM	75	0	18.25	18.23	18.08		
15	64QAM	1	0	18.24	18.21	18.15	19	0.5
15	64QAM	1	37	18.12	18.27	18.25		
15	64QAM	1	74	18.12	18.20	18.10		
15	64QAM	36	0	17.23	17.31	17.00	18	1.5
15	64QAM	36	20	17.17	17.14	17.27		
15	64QAM	36	39	17.22	17.25	17.05		
15	64QAM	75	0	17.27	17.27	17.09		
15	256QAM	1	0	15.22	15.26	15.10	16	3.5
15	256QAM	1	37	15.21	15.23	15.23		
15	256QAM	1	74	15.21	15.26	15.08		
15	256QAM	36	0	15.26	15.26	15.13	16	3.5
15	256QAM	36	20	15.29	15.15	15.10		
15	256QAM	36	39	15.22	15.23	15.19		
15	256QAM	75	0	15.10	15.24	15.08		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3600	3545		
10	QPSK	1	0	18.74	18.87	18.49	19.5	0
10	QPSK	1	25	18.63	18.70	18.68		
10	QPSK	1	49	18.70	18.78	18.59		
10	QPSK	25	0	18.78	18.77	18.52	19.5	0
10	QPSK	25	12	18.81	18.70	18.62		
10	QPSK	25	25	18.64	18.69	18.74		
10	QPSK	50	0	18.67	18.68	18.62		
10	16QAM	1	0	18.59	18.74	18.40	19.5	0
10	16QAM	1	25	18.61	18.59	18.65		
10	16QAM	1	49	18.62	18.64	18.55		
10	16QAM	25	0	18.27	18.36	18.05	19	0.5
10	16QAM	25	12	18.12	18.18	18.15		
10	16QAM	25	25	18.23	18.31	18.13		
10	16QAM	50	0	18.23	18.28	18.13		
10	64QAM	1	0	18.31	18.22	18.14	19	0.5
10	64QAM	1	25	18.16	18.18	18.26		
10	64QAM	1	49	18.20	18.13	18.09		
10	64QAM	25	0	17.27	17.28	17.00	18	1.5
10	64QAM	25	12	17.15	17.14	17.21		
10	64QAM	25	25	17.23	17.31	17.06		
10	64QAM	50	0	17.25	17.20	17.10		
10	256QAM	1	0	15.25	15.29	15.01	16	3.5
10	256QAM	1	25	15.16	15.17	15.17		
10	256QAM	1	49	15.14	15.23	15.15		
10	256QAM	25	0	15.23	15.29	15.07	16	3.5
10	256QAM	25	12	15.31	15.15	15.11		
10	256QAM	25	25	15.15	15.20	15.16		
10	256QAM	50	0	15.12	15.23	15.03		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3600	3547.5		
5	QPSK	1	0	18.74	18.86	18.57	19.5	0
5	QPSK	1	12	18.67	18.74	18.75		
5	QPSK	1	24	18.69	18.82	18.56		
5	QPSK	12	0	18.77	18.81	18.54	19.5	0
5	QPSK	12	7	18.79	18.72	18.64		
5	QPSK	12	13	18.62	18.70	18.68		
5	QPSK	25	0	18.66	18.72	18.53		
5	16QAM	1	0	18.62	18.76	18.39	19.5	0
5	16QAM	1	12	18.58	18.63	18.67		
5	16QAM	1	24	18.54	18.70	18.49		
5	16QAM	12	0	18.26	18.30	18.06	19	0.5
5	16QAM	12	7	18.15	18.22	18.14		
5	16QAM	12	13	18.16	18.37	18.07		
5	16QAM	25	0	18.23	18.29	18.13		
5	64QAM	1	0	18.25	18.17	18.15	19	0.5
5	64QAM	1	12	18.16	18.22	18.26		
5	64QAM	1	24	18.15	18.19	18.13		
5	64QAM	12	0	17.24	17.29	17.02	18	1.5
5	64QAM	12	7	17.16	17.16	17.28		
5	64QAM	12	13	17.22	17.32	17.11		
5	64QAM	25	0	17.23	17.27	17.11		
5	256QAM	1	0	15.30	15.35	15.04	16	3.5
5	256QAM	1	12	15.22	15.17	15.16		
5	256QAM	1	24	15.12	15.22	15.05		
5	256QAM	12	0	15.29	15.26	15.10	16	3.5
5	256QAM	12	7	15.24	15.11	15.08		
5	256QAM	12	13	15.13	15.29	15.17		
5	256QAM	25	0	15.14	15.20	15.10		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3680	3609	3641	3690		
20	QPSK	1	0	18.93	19.28	18.97	18.99	20.8	0
20	QPSK	1	49	19.20	19.16	19.22	19.11		
20	QPSK	1	99	19.20	19.17	19.07	19.14		
20	QPSK	50	0	19.20	19.23	19.06	19.13		
20	QPSK	50	24	19.21	19.15	19.18	19.21		
20	QPSK	50	50	19.22	19.13	19.10	19.10		
20	QPSK	100	0	19.11	19.18	19.15	19.15		
20	16QAM	1	0	18.88	19.27	18.93	18.97	20.8	0
20	16QAM	1	49	19.16	19.10	19.15	19.02		
20	16QAM	1	99	19.18	19.08	18.97	19.07		
20	16QAM	50	0	17.92	18.29	17.92	17.98	19.8	1
20	16QAM	50	24	18.22	18.12	18.27	18.13		
20	16QAM	50	50	18.19	18.18	18.08	18.12		
20	16QAM	100	0	18.20	18.19	18.06	18.14		
20	64QAM	1	0	18.24	18.13	18.16	18.21	19.8	1
20	64QAM	1	49	18.27	18.10	18.07	18.06		
20	64QAM	1	99	18.07	18.20	18.11	18.19		
20	64QAM	50	0	16.94	17.23	17.01	17.03	18.8	2
20	64QAM	50	24	17.18	17.19	17.26	17.13		
20	64QAM	50	50	17.17	17.14	17.05	17.16		
20	64QAM	100	0	17.21	17.25	17.02	17.17		
20	256QAM	1	0	15.21	15.26	15.22	15.02	16.8	4
20	256QAM	1	49	15.18	15.16	15.22	15.09		
20	256QAM	1	99	15.19	15.16	15.04	15.10		
20	256QAM	50	0	15.23	15.19	15.01	15.11	16.8	4
20	256QAM	50	24	15.21	15.16	15.17	15.23		
20	256QAM	50	50	15.19	15.08	15.11	15.14		
20	256QAM	100	0	15.09	15.22	15.16	15.16		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3597.5	3608	3642	3692.5		
15	QPSK	1	0	18.85	19.20	18.94	18.94	20.8	0
15	QPSK	1	37	19.16	19.08	19.18	19.10		
15	QPSK	1	74	19.10	19.07	19.00	19.10		
15	QPSK	36	0	19.10	19.21	19.02	19.05	20.8	0
15	QPSK	36	20	19.11	19.11	19.09	19.11		
15	QPSK	36	39	19.18	19.09	19.03	19.07		
15	QPSK	75	0	19.08	19.12	19.14	19.07		
15	16QAM	1	0	19.06	19.23	18.90	18.90	20.8	0
15	16QAM	1	37	19.11	19.06	19.09	18.97		
15	16QAM	1	74	19.12	18.97	18.94	19.06		
15	16QAM	36	0	17.86	18.25	17.86	17.92	19.8	1
15	16QAM	36	20	18.21	18.09	18.19	18.06		
15	16QAM	36	39	18.13	18.15	18.05	18.04		
15	16QAM	75	0	18.11	18.17	18.01	18.08		
15	64QAM	1	0	18.18	18.04	18.06	18.16	19.8	1
15	64QAM	1	37	18.17	18.09	18.00	18.04		
15	64QAM	1	74	18.02	18.15	18.08	18.13		
15	64QAM	36	0	16.89	17.17	16.91	16.94	18.8	2
15	64QAM	36	20	17.10	17.08	17.24	17.10		
15	64QAM	36	39	17.06	17.04	16.98	17.11		
15	64QAM	75	0	17.18	17.14	16.98	17.16		
15	256QAM	1	0	15.15	15.24	15.16	15.14	16.8	4
15	256QAM	1	37	15.17	15.12	15.15	15.03		
15	256QAM	1	74	15.12	15.10	15.01	15.01		
15	256QAM	36	0	15.15	15.17	15.14	15.05	16.8	4
15	256QAM	36	20	15.14	15.12	15.06	15.16		
15	256QAM	36	39	15.13	15.04	15.06	15.12		
15	256QAM	75	0	15.02	15.13	15.15	15.15		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595	3607.5	3642.5	3695		
10	QPSK	1	0	18.91	19.26	18.91	18.96	20.8	0
10	QPSK	1	25	19.18	19.12	19.19	19.00		
10	QPSK	1	49	19.13	19.11	18.99	19.12		
10	QPSK	25	0	19.16	19.17	18.96	19.04	20.8	0
10	QPSK	25	12	19.15	19.11	19.08	19.16		
10	QPSK	25	25	19.11	19.04	19.08	19.02		
10	QPSK	50	0	19.01	19.12	19.14	19.10		
10	16QAM	1	0	18.82	19.26	18.92	18.88	20.8	0
10	16QAM	1	25	19.09	19.08	19.06	18.94		
10	16QAM	1	49	19.13	19.04	18.92	19.06		
10	16QAM	25	0	17.90	18.22	17.86	17.91	19.8	1
10	16QAM	25	12	18.15	18.10	18.20	18.11		
10	16QAM	25	25	18.09	18.14	18.00	18.02		
10	16QAM	50	0	18.14	18.09	17.96	18.03		
10	64QAM	1	0	18.14	18.08	18.12	18.12	19.8	1
10	64QAM	1	25	18.23	18.03	18.02	17.98		
10	64QAM	1	49	18.05	18.10	18.01	18.11		
10	64QAM	25	0	16.88	17.18	17.00	16.93	18.8	2
10	64QAM	25	12	17.08	17.09	17.18	17.05		
10	64QAM	25	25	17.12	17.12	16.97	17.12		
10	64QAM	50	0	17.10	17.17	16.98	17.09		
10	256QAM	1	0	15.13	15.25	15.20	15.14	16.8	4
10	256QAM	1	25	15.16	15.14	15.21	15.07		
10	256QAM	1	49	15.15	15.10	15.14	15.03		
10	256QAM	25	0	15.17	15.13	15.14	15.06	16.8	4
10	256QAM	25	12	15.12	15.14	15.13	15.15		
10	256QAM	25	25	15.12	15.07	15.07	15.11		
10	256QAM	50	0	15.05	15.18	15.10	15.14		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3592.5	3607	3643	3697.5		
5	QPSK	1	0	18.91	19.25	18.90	18.93	20.8	0
5	QPSK	1	12	19.18	19.05	19.18	19.08		
5	QPSK	1	24	19.10	19.13	19.03	19.04		
5	QPSK	12	0	19.11	19.17	18.96	19.05	20.8	0
5	QPSK	12	7	19.16	19.07	19.08	19.16		
5	QPSK	12	13	19.20	19.08	19.01	19.01		
5	QPSK	25	0	19.01	19.14	19.08	19.06		
5	16QAM	1	0	18.82	19.20	18.91	18.88	20.8	0
5	16QAM	1	12	19.06	19.03	19.05	18.91		
5	16QAM	1	24	19.09	19.00	18.91	19.01		
5	16QAM	12	0	17.84	18.24	17.87	17.92	19.8	1
5	16QAM	12	7	18.15	18.03	18.23	18.04		
5	16QAM	12	13	18.09	18.10	18.01	18.06		
5	16QAM	25	0	18.15	18.11	17.99	18.05		
5	64QAM	1	0	18.19	18.09	18.12	18.12	19.8	1
5	64QAM	1	12	18.26	18.06	17.98	17.95		
5	64QAM	1	24	18.06	18.13	18.00	18.11		
5	64QAM	12	0	16.84	17.17	16.90	16.94	18.8	2
5	64QAM	12	7	17.14	17.09	17.19	17.07		
5	64QAM	12	13	17.07	17.12	17.03	17.06		
5	64QAM	25	0	17.11	17.20	16.95	17.12		
5	256QAM	1	0	15.19	15.16	15.18	15.14	16.8	4
5	256QAM	1	12	15.08	15.10	15.18	15.05		
5	256QAM	1	24	15.08	15.14	15.18	15.03		
5	256QAM	12	0	15.22	15.11	15.14	15.10	16.8	4
5	256QAM	12	7	15.17	15.14	15.15	15.21		
5	256QAM	12	13	15.08	15.04	15.03	15.10		
5	256QAM	25	0	15.06	15.12	15.13	15.06		

Reduced Power Mode for SA DSI 7

GSM850 Ant0 DSI7

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.84	32.90	32.87	34.50	23.84	23.90	23.87	25.50
GPRS 1 Tx slot	32.89	32.91	32.81	34.50	23.89	23.91	23.81	25.50
GPRS 2 Tx slots	30.16	30.18	30.17	31.50	24.16	24.18	24.17	25.50
GPRS 3 Tx slots	28.23	28.31	28.22	29.70	23.97	24.05	23.96	25.44
GPRS 4 Tx slots	27.13	27.15	27.08	28.50	24.13	24.15	24.08	25.50
EDGE 1 Tx slot	27.29	27.31	27.28	28.50	18.29	18.31	18.28	19.50
EDGE 2 Tx slots	24.91	24.94	24.91	25.50	18.91	18.94	18.91	19.50
EDGE 3 Tx slots	23.13	23.18	23.16	23.70	18.87	18.92	18.90	19.44
EDGE 4 Tx slots	21.68	21.73	21.72	22.50	18.68	18.73	18.72	19.50

		WCDMA V Ant0 DSI7				WCDMA IV Ant0 DSI7			
Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.85	24.84	24.82	25.70	21.57	21.65	21.54	23.30
3GPP Rel 99	RMC 12.2Kbps	24.91	24.95	24.93	25.70	21.59	21.71	21.57	23.30
3GPP Rel 6	HSDPA Subtest-1	23.71	24.01	23.75	24.70	20.57	20.86	20.63	21.30
3GPP Rel 6	HSDPA Subtest-2	23.66	23.86	23.82	24.70	20.54	20.70	20.77	21.30
3GPP Rel 6	HSDPA Subtest-3	23.16	23.27	23.21	24.20	20.09	20.15	20.12	20.80
3GPP Rel 6	HSDPA Subtest-4	23.31	23.25	23.16	24.20	20.19	20.14	20.07	20.80
3GPP Rel 8	DC-HSDPA Subtest-1	23.61	23.69	23.63	24.70	20.56	20.63	20.54	21.30
3GPP Rel 8	DC-HSDPA Subtest-2	23.64	23.85	23.73	24.70	20.55	20.76	20.63	21.30
3GPP Rel 8	DC-HSDPA Subtest-3	23.33	23.36	23.30	24.20	20.26	20.22	20.26	20.80
3GPP Rel 8	DC-HSDPA Subtest-4	23.36	23.25	23.17	24.20	20.23	20.14	20.07	20.80
3GPP Rel 6	HSUPA Subtest-1	23.79	24.00	23.80	24.70	20.70	20.90	20.78	21.30
3GPP Rel 6	HSUPA Subtest-2	21.77	21.76	21.89	22.70	18.67	18.63	18.75	19.30
3GPP Rel 6	HSUPA Subtest-3	22.75	22.90	22.80	23.70	19.63	19.75	19.73	20.30
3GPP Rel 6	HSUPA Subtest-4	21.63	21.94	21.62	22.70	18.55	18.84	18.57	19.30
3GPP Rel 6	HSUPA Subtest-5	23.55	23.68	23.76	24.70	20.49	20.78	20.68	21.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.27	21.32	21.21	22.20	18.14	18.20	18.11	18.80

Band 4 Ant0 Other PA DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.92	22.26	21.98	22.7	0
20	QPSK	1	49	21.97	22.05	21.94		
20	QPSK	1	99	21.9	22.01	21.96		
20	QPSK	50	0	21.94	22.08	22.05		
20	QPSK	50	24	21.94	22.03	22.05		
20	QPSK	50	50	21.9	22.02	22.06		
20	QPSK	100	0	22.04	22.12	22.1		
20	16QAM	1	0	21.85	22.22	21.89		
20	16QAM	1	49	21.91	22	21.86	22.7	0
20	16QAM	1	99	21.85	21.97	21.92		
20	16QAM	50	0	21.93	22.01	21.96		
20	16QAM	50	24	21.87	22.01	21.99		
20	16QAM	50	50	21.8	21.95	22.02		
20	16QAM	100	0	21.96	22.01	22.07		
20	64QAM	1	0	21.9	22.19	21.89		
20	64QAM	1	49	21.93	21.97	21.84	22.7	0
20	64QAM	1	99	21.88	21.96	21.89		
20	64QAM	50	0	21.92	21.99	22.03		
20	64QAM	50	24	21.92	21.96	22.04	22.7	0
20	64QAM	50	50	21.82	21.95	21.99		
20	64QAM	100	0	21.97	22.03	22.06		
20	256QAM	1	0	19.9	20.28	19.93		
20	256QAM	1	49	20	20.09	19.95	20.7	2
20	256QAM	1	99	19.86	20.06	20		
20	256QAM	50	0	19.99	20.04	20.01		
20	256QAM	50	24	19.95	19.99	20.06	20.7	2
20	256QAM	50	50	19.86	20.07	20.05		
20	256QAM	100	0	20.05	20.08	20.08		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.83	22.18	21.89	22.7	0
15	QPSK	1	37	21.95	22	21.97		
15	QPSK	1	74	21.84	22.02	21.92		
15	QPSK	36	0	21.92	22.03	22.02		
15	QPSK	36	20	21.87	21.93	21.98	22.7	0
15	QPSK	36	39	21.82	21.95	22		
15	QPSK	75	0	22.03	22.02	22.07		
15	16QAM	1	0	21.74	22.2	21.86		
15	16QAM	1	37	21.84	21.98	21.79	22.7	0
15	16QAM	1	74	21.79	21.86	21.87		
15	16QAM	36	0	21.87	22	21.86		
15	16QAM	36	20	21.79	21.94	21.89	22.7	0
15	16QAM	36	39	21.71	21.93	21.98		
15	16QAM	75	0	21.89	21.99	22.06		
15	64QAM	1	0	21.87	22.14	21.85		
15	64QAM	1	37	21.84	21.9	21.78	22.7	0
15	64QAM	1	74	21.84	21.93	21.79		
15	64QAM	36	0	21.84	21.89	21.97		
15	64QAM	36	20	21.82	21.89	21.95	22.7	0
15	64QAM	36	39	21.78	21.85	21.94		
15	64QAM	75	0	21.9	22.01	21.95		
15	256QAM	1	0	19.81	20.2	19.88		
15	256QAM	1	37	19.94	20.04	19.88	20.7	2
15	256QAM	1	74	19.78	19.99	19.91		
15	256QAM	36	0	19.9	19.96	19.96		
15	256QAM	36	20	19.84	19.91	19.97	20.7	2
15	256QAM	36	39	19.81	20.02	20		
15	256QAM	75	0	19.96	20.02	19.99		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.89	22.22	21.89	22.7	0
10	QPSK	1	25	21.9	22	21.88		
10	QPSK	1	49	21.86	21.99	21.97		
10	QPSK	25	0	21.84	22.05	21.99	22.7	0
10	QPSK	25	12	21.85	21.97	21.99		
10	QPSK	25	25	21.83	21.99	21.97		
10	QPSK	50	0	21.95	22.05	22.08		
10	16QAM	1	0	21.82	22.15	21.88		
10	16QAM	1	25	21.85	21.93	21.81	22.7	0
10	16QAM	1	49	21.82	21.92	21.9		
10	16QAM	25	0	21.87	21.98	21.86		
10	16QAM	25	12	21.86	21.93	21.92	22.7	0
10	16QAM	25	25	21.75	21.9	21.98		
10	16QAM	50	0	21.87	21.99	21.99		
10	64QAM	1	0	21.81	22.18	21.82		
10	64QAM	1	25	21.85	21.9	21.79	22.7	0
10	64QAM	1	49	21.82	21.88	21.81		
10	64QAM	25	0	21.86	21.96	21.94		
10	64QAM	25	12	21.86	21.91	21.99	22.7	0
10	64QAM	25	25	21.79	21.93	21.9		
10	64QAM	50	0	21.86	21.94	22.03		
10	256QAM	1	0	19.87	20.22	19.92		
10	256QAM	1	25	19.99	20.07	19.93	20.7	2
10	256QAM	1	49	19.84	19.96	19.89		
10	256QAM	25	0	19.97	20	19.93		
10	256QAM	25	12	19.84	19.98	20.04	20.7	2
10	256QAM	25	25	19.78	20.02	19.98		
10	256QAM	50	0	20.03	19.99	19.97		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.89	22.17	21.97	22.7	0
5	QPSK	1	12	21.93	22.04	21.92		
5	QPSK	1	24	21.8	22	21.93		
5	QPSK	12	0	21.91	21.97	21.95	22.7	0
5	QPSK	12	7	21.85	21.95	22.01		
5	QPSK	12	13	21.87	22	21.99		
5	QPSK	25	0	21.97	22.01	22.04		
5	16QAM	1	0	21.77	22.19	21.88		
5	16QAM	1	12	21.8	21.9	21.91	22.7	0
5	16QAM	1	24	21.79	21.93	21.9		
5	16QAM	12	0	21.91	21.93	21.9	22.7	0
5	16QAM	12	7	21.85	21.97	21.97		
5	16QAM	12	13	21.74	21.92	22		
5	16QAM	25	0	21.9	21.98	21.97		
5	64QAM	1	0	21.83	22.11	21.79	22.7	0
5	64QAM	1	12	21.9	21.89	21.8		
5	64QAM	1	24	21.81	21.9	21.85		
5	64QAM	12	0	21.9	21.92	21.98	22.7	0
5	64QAM	12	7	21.81	21.9	21.94		
5	64QAM	12	13	21.8	21.9	21.95		
5	64QAM	25	0	21.94	21.96	21.99		
5	256QAM	1	0	19.94	20.25	19.84	20.7	2
5	256QAM	1	12	19.98	19.99	19.9		
5	256QAM	1	24	19.83	20.01	19.97		
5	256QAM	12	0	19.92	20.02	19.91	20.7	2
5	256QAM	12	7	19.88	19.93	20.01		
5	256QAM	12	13	19.82	20.03	19.95		
5	256QAM	25	0	19.99	20	20.06		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.82	22.23	21.94	22.7	0
3	QPSK	1	8	21.89	22.03	21.93		
3	QPSK	1	14	21.81	21.94	21.88		
3	QPSK	8	0	21.91	22.03	22.04		
3	QPSK	8	4	21.92	22.01	21.96	22.7	0
3	QPSK	8	7	21.83	22	22		
3	QPSK	15	0	21.95	22.05	22.08		
3	16QAM	1	0	21.8	22.21	21.84		
3	16QAM	1	8	21.81	21.98	21.78	22.7	0
3	16QAM	1	14	21.8	21.87	21.87		
3	16QAM	8	0	21.9	21.93	21.85	22.7	0
3	16QAM	8	4	21.78	21.95	21.97		
3	16QAM	8	7	21.74	21.84	21.97		
3	16QAM	15	0	21.94	21.94	22.03		
3	64QAM	1	0	21.82	22.13	21.82	22.7	0
3	64QAM	1	8	21.84	21.91	21.77		
3	64QAM	1	14	21.78	21.86	21.83		
3	64QAM	8	0	21.87	21.91	22.01	22.7	0
3	64QAM	8	4	21.87	21.94	21.98		
3	64QAM	8	7	21.76	21.93	21.93		
3	64QAM	15	0	21.93	21.92	22.05		
3	256QAM	1	0	19.89	20.21	19.91	20.7	2
3	256QAM	1	8	19.89	20.07	19.91		
3	256QAM	1	14	19.84	20.03	19.94		
3	256QAM	8	0	19.95	20.03	19.97	20.7	2
3	256QAM	8	4	19.87	19.93	20.03		
3	256QAM	8	7	19.81	20.02	19.98		
3	256QAM	15	0	19.98	19.98	20.05		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.83	22.17	21.9	22.7	0
1.4	QPSK	1	3	21.93	22.02	21.84		
1.4	QPSK	1	5	21.85	21.94	21.9		
1.4	QPSK	3	0	21.93	21.98	22.02		
1.4	QPSK	3	1	21.88	22	21.95		
1.4	QPSK	3	3	21.89	21.97	21.98		
1.4	QPSK	6	0	22	22.02	22.08	22.7	0
1.4	16QAM	1	0	21.82	22.16	21.83	22.7	0
1.4	16QAM	1	3	21.89	21.9	21.82		
1.4	16QAM	1	5	21.75	21.93	21.89		
1.4	16QAM	3	0	21.83	21.95	21.93		
1.4	16QAM	3	1	21.8	21.98	21.92		
1.4	16QAM	3	3	21.69	21.85	22		
1.4	16QAM	6	0	21.88	21.96	21.98	22.7	0
1.4	64QAM	1	0	21.88	22.1	21.87	22.7	0
1.4	64QAM	1	3	21.87	21.9	21.78		
1.4	64QAM	1	5	21.87	21.94	21.86		
1.4	64QAM	3	0	21.84	21.96	21.94		
1.4	64QAM	3	1	21.9	21.95	22.01		
1.4	64QAM	3	3	21.8	21.98	21.89		
1.4	64QAM	6	0	21.86	21.97	22.04	22.7	0
1.4	256QAM	1	0	19.88	20.24	19.89	20.7	2
1.4	256QAM	1	3	19.93	20	19.85		
1.4	256QAM	1	5	19.83	19.95	19.92		
1.4	256QAM	3	0	19.95	19.95	20		
1.4	256QAM	3	1	19.87	19.92	20.02		
1.4	256QAM	3	3	19.8	20.01	19.96		
1.4	256QAM	6	0	19.96	19.99	20.04	20.7	2

Band 5 Ant0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.89	24.93	24.9	25.7	0
10	QPSK	1	25	24.87	24.89	24.84		
10	QPSK	1	49	24.78	24.82	24.74		
10	QPSK	25	0	23.87	23.79	23.71		
10	QPSK	25	12	23.71	23.78	23.72	24.7	1
10	QPSK	25	25	23.65	23.72	23.69		
10	QPSK	50	0	23.78	23.84	23.79		
10	16QAM	1	0	24.02	24.07	24.01		
10	16QAM	1	25	23.89	23.99	23.9	24.7	1
10	16QAM	1	49	23.93	23.98	23.9		
10	16QAM	25	0	24.78	22.88	22.79		
10	16QAM	25	12	22.75	22.83	22.72	23.7	2
10	16QAM	25	25	22.77	22.79	22.73		
10	16QAM	50	0	22.77	22.84	22.76		
10	64QAM	1	0	23.02	23.09	23		
10	64QAM	1	25	22.76	22.79	22.76	23.7	2
10	64QAM	1	49	22.81	22.83	22.79		
10	64QAM	25	0	21.9	21.96	21.91		
10	64QAM	25	12	21.83	21.94	21.9	22.7	3
10	64QAM	25	25	21.89	21.93	21.85		
10	64QAM	50	0	21.84	21.89	21.85		
10	256QAM	1	0	19.71	19.81	19.76		
10	256QAM	1	25	19.67	19.73	19.7	20.7	5
10	256QAM	1	49	19.67	19.76	19.74		
10	256QAM	25	0	19.89	19.77	19.69		
10	256QAM	25	12	19.7	19.76	19.71	20.7	5
10	256QAM	25	25	19.67	19.75	19.66		
10	256QAM	50	0	19.71	19.79	19.71		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.79	24.85	24.88	25.7	0
5	QPSK	1	12	24.83	24.83	24.79		
5	QPSK	1	24	24.71	24.77	24.7		
5	QPSK	12	0	23.81	23.67	23.65	24.7	1
5	QPSK	12	7	23.67	23.66	23.64		
5	QPSK	12	13	23.64	23.63	23.65		
5	QPSK	25	0	23.67	23.8	23.74		
5	16QAM	1	0	23.94	24.05	23.97		
5	16QAM	1	12	23.85	23.95	23.85	24.7	1
5	16QAM	1	24	23.91	23.88	23.82		
5	16QAM	12	0	22.7	22.78	22.74		
5	16QAM	12	7	22.64	22.77	22.64	23.7	2
5	16QAM	12	13	22.68	22.69	22.64		
5	16QAM	25	0	22.74	22.78	22.69		
5	64QAM	1	0	22.93	23.02	22.95		
5	64QAM	1	12	22.75	22.74	22.7	23.7	2
5	64QAM	1	24	22.73	22.82	22.76		
5	64QAM	12	0	21.84	21.89	21.89		
5	64QAM	12	7	21.73	21.87	21.84	22.7	3
5	64QAM	12	13	21.87	21.86	21.77		
5	64QAM	25	0	21.75	21.85	21.83		
5	256QAM	1	0	19.66	19.8	19.66		
5	256QAM	1	12	19.62	19.68	19.66	20.7	5
5	256QAM	1	24	19.57	19.65	19.66		
5	256QAM	12	0	19.61	19.72	19.58		
5	256QAM	12	7	19.62	19.71	19.63	20.7	5
5	256QAM	12	13	19.61	19.65	19.64		
5	256QAM	25	0	19.66	19.77	19.63		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				823.5	836.5	847.5		
3	QPSK	1	0	24.81	24.83	24.83	25.7	0
3	QPSK	1	8	24.8	24.82	24.82		
3	QPSK	1	14	24.68	24.72	24.64		
3	QPSK	8	0	23.63	23.68	23.69	24.7	1
3	QPSK	8	4	23.62	23.7	23.62		
3	QPSK	8	7	23.55	23.66	23.67		
3	QPSK	15	0	23.72	23.74	23.72		
3	16QAM	1	0	23.97	24	23.96		
3	16QAM	1	8	23.84	23.92	23.85	24.7	1
3	16QAM	1	14	23.87	23.87	23.87		
3	16QAM	8	0	22.71	22.81	22.72		
3	16QAM	8	4	22.65	22.77	22.69	23.7	2
3	16QAM	8	7	22.69	22.71	22.65		
3	16QAM	15	0	22.71	22.79	22.69		
3	64QAM	1	0	22.94	23.02	22.93		
3	64QAM	1	8	22.67	22.76	22.71	23.7	2
3	64QAM	1	14	22.75	22.76	22.71		
3	64QAM	8	0	21.88	21.87	21.89		
3	64QAM	8	4	21.79	21.91	21.84	22.7	3
3	64QAM	8	7	21.86	21.89	21.82		
3	64QAM	15	0	21.81	21.86	21.8		
3	256QAM	1	0	19.63	19.74	19.66		
3	256QAM	1	8	19.58	19.64	19.67	20.7	5
3	256QAM	1	14	19.59	19.75	19.7		
3	256QAM	8	0	19.58	19.75	19.58		
3	256QAM	8	4	19.66	19.77	19.64	20.7	5
3	256QAM	8	7	19.6	19.71	19.63		
3	256QAM	15	0	19.69	19.73	19.63		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.75	24.8	24.87	25.7	0
1.4	QPSK	1	3	24.79	24.7	24.62		
1.4	QPSK	1	5	24.62	24.8	24.6		
1.4	QPSK	3	0	24.81	24.84	24.8		
1.4	QPSK	3	1	24.74	24.74	24.65		
1.4	QPSK	3	3	24.61	24.72	24.62		
1.4	QPSK	6	0	23.7	23.73	23.73	24.7	1
1.4	16QAM	1	0	23.99	24.02	23.93	24.7	1
1.4	16QAM	1	3	23.89	23.89	23.89		
1.4	16QAM	1	5	23.87	23.96	23.8		
1.4	16QAM	3	0	23.63	23.71	23.71		
1.4	16QAM	3	1	23.62	23.68	23.67		
1.4	16QAM	3	3	23.68	23.7	23.64		
1.4	16QAM	6	0	22.67	22.75	22.69	23.7	2
1.4	64QAM	1	0	22.94	22.98	22.98	23.7	2
1.4	64QAM	1	3	22.74	22.74	22.7		
1.4	64QAM	1	5	22.74	22.77	22.77		
1.4	64QAM	3	0	22.6	22.71	22.66		
1.4	64QAM	3	1	22.58	22.68	22.66		
1.4	64QAM	3	3	22.62	22.65	22.61		
1.4	64QAM	6	0	21.8	21.81	21.82	22.7	3
1.4	256QAM	1	0	19.65	19.74	19.69	20.7	5
1.4	256QAM	1	3	19.59	19.72	19.61		
1.4	256QAM	1	5	19.62	19.72	19.63		
1.4	256QAM	3	0	19.64	19.75	19.66		
1.4	256QAM	3	1	19.69	19.72	19.62		
1.4	256QAM	3	3	19.62	19.67	19.63		
1.4	256QAM	6	0	19.63	19.71	19.64	20.7	5

Band 7 Ant0 Other PA DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.59	22.77	22.53	23.2	0
20	QPSK	1	49	22.57	22.6	22.54		
20	QPSK	1	99	22.45	22.57	22.49		
20	QPSK	50	0	22.56	22.69	22.5		
20	QPSK	50	24	22.62	22.63	22.62		
20	QPSK	50	50	22.52	22.61	22.63		
20	QPSK	100	0	22.5	22.68	22.62		
20	16QAM	1	0	22.54	22.68	22.47		
20	16QAM	1	49	22.52	22.56	22.46	23.2	0
20	16QAM	1	99	22.52	22.49	22.54		
20	16QAM	50	0	22.45	22.61	22.49		
20	16QAM	50	24	22.61	22.53	22.56		
20	16QAM	50	50	22.43	22.51	22.61		
20	16QAM	100	0	22.4	22.61	22.53		
20	64QAM	1	0	22.48	22.76	22.44		
20	64QAM	1	49	22.52	22.5	22.5	23.2	0
20	64QAM	1	99	22.45	22.49	22.54		
20	64QAM	50	0	22.11	22.24	22.06		
20	64QAM	50	24	22.09	22.08	22.01	22.7	0.5
20	64QAM	50	50	22.08	22.07	22.07		
20	64QAM	100	0	22.11	22.21	21.99		
20	256QAM	1	0	20.14	20.27	19.98		
20	256QAM	1	49	20.04	20.11	20.01	20.7	2.5
20	256QAM	1	99	20.02	20.03	20.13		
20	256QAM	50	0	20.04	20.22	20.02		
20	256QAM	50	24	20.15	20.18	20.12	20.7	2.5
20	256QAM	50	50	20.02	20.09	20.1		
20	256QAM	100	0	20.01	20.2	20.15		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.57	22.73	22.46	23.2	0
15	QPSK	1	37	22.53	22.55	22.51		
15	QPSK	1	74	22.51	22.5	22.56		
15	QPSK	36	0	22.47	22.66	22.43		
15	QPSK	36	20	22.6	22.53	22.53	23.2	0
15	QPSK	36	39	22.49	22.59	22.52		
15	QPSK	75	0	22.44	22.65	22.53		
15	16QAM	1	0	22.48	22.62	22.41		
15	16QAM	1	37	22.41	22.51	22.36	23.2	0
15	16QAM	1	74	22.46	22.38	22.48		
15	16QAM	36	0	22.42	22.56	22.39		
15	16QAM	36	20	22.54	22.44	22.49	23.2	0
15	16QAM	36	39	22.4	22.41	22.52		
15	16QAM	75	0	22.45	22.56	22.43		
15	64QAM	1	0	22.41	22.75	22.36		
15	64QAM	1	37	22.46	22.41	22.44	23.2	0
15	64QAM	1	74	22.38	22.43	22.45		
15	64QAM	36	0	22.02	22.17	22.01		
15	64QAM	36	20	22.02	22.02	21.95	22.7	0.5
15	64QAM	36	39	22.06	21.96	22		
15	64QAM	75	0	22.04	22.18	21.97		
15	256QAM	1	0	20.04	20.22	19.93		
15	256QAM	1	37	19.99	20.03	19.95	20.7	2.5
15	256QAM	1	74	20	19.93	20.07		
15	256QAM	36	0	20	20.15	19.91		
15	256QAM	36	20	20.06	20.07	20.04	20.7	2.5
15	256QAM	36	39	19.91	20.07	20.05		
15	256QAM	75	0	19.91	20.11	20.13		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.59	22.69	22.48	23.2	0
10	QPSK	1	25	22.48	22.5	22.52		
10	QPSK	1	49	22.46	22.49	22.56		
10	QPSK	25	0	22.47	22.67	22.47		
10	QPSK	25	12	22.59	22.59	22.56	23.2	0
10	QPSK	25	25	22.43	22.59	22.59		
10	QPSK	50	0	22.48	22.59	22.56		
10	16QAM	1	0	22.52	22.59	22.38		
10	16QAM	1	25	22.47	22.51	22.38	23.2	0
10	16QAM	1	49	22.5	22.46	22.53		
10	16QAM	25	0	22.38	22.55	22.39	

Band 17 Ant0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.71	24.77	24.69	25.7	0
10	QPSK	1	25	24.73	24.75	24.71		
10	QPSK	1	49	24.68	24.73	24.68		
10	QPSK	25	0	23.66	23.76	23.69	24.7	1
10	QPSK	25	12	23.56	23.75	23.53		
10	QPSK	25	25	23.55	23.63	23.58		
10	QPSK	50	0	23.65	23.71	23.59		
10	16QAM	1	0	23.46	23.56	23.49	24.7	1
10	16QAM	1	25	23.6	23.62	23.58		
10	16QAM	1	49	23.6	23.69	23.62		
10	16QAM	25	0	22.86	22.96	22.93	23.7	2
10	16QAM	25	12	22.88	22.89	22.81		
10	16QAM	25	25	22.83	22.91	22.82		
10	16QAM	50	0	22.82	22.87	22.78		
10	64QAM	1	0	22.96	23.03	22.98	23.7	2
10	64QAM	1	25	22.9	22.91	22.88		
10	64QAM	1	49	22.79	22.89	22.83		
10	64QAM	25	0	21.79	21.85	21.8	22.7	3
10	64QAM	25	12	21.76	21.81	21.77		
10	64QAM	25	25	21.73	21.8	21.77		
10	64QAM	50	0	21.74	21.8	21.74		
10	256QAM	1	0	19.87	19.95	19.84	20.7	5
10	256QAM	1	25	19.82	19.88	19.86		
10	256QAM	1	49	19.81	19.91	19.81		
10	256QAM	25	0	19.66	19.75	19.64	20.7	5
10	256QAM	25	12	19.87	19.9	19.86		
10	256QAM	25	25	19.8	19.89	19.83		
10	256QAM	50	0	19.82	19.85	19.77		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.6	24.67	24.64	25.7	0
5	QPSK	1	12	24.69	24.7	24.61		
5	QPSK	1	24	24.65	24.64	24.6		
5	QPSK	12	0	23.59	23.63	23.63	24.7	1
5	QPSK	12	7	23.53	23.55	23.52		
5	QPSK	12	13	23.5	23.58	23.5		
5	QPSK	25	0	23.8	23.79	23.74		
5	16QAM	1	0	23.36	23.5	23.4	24.7	1
5	16QAM	1	12	23.56	23.57	23.52		
5	16QAM	1	24	23.59	23.62	23.59		
5	16QAM	12	0	22.79	22.91	22.84	23.7	2
5	16QAM	12	7	22.82	22.84	22.7		
5	16QAM	12	13	22.73	22.83	22.76		
5	16QAM	25	0	22.8	22.85	22.69		
5	64QAM	1	0	22.87	22.92	22.88	23.7	2
5	64QAM	1	12	22.82	22.83	22.81		
5	64QAM	1	24	22.73	22.8	22.74		
5	64QAM	12	0	21.71	21.81	21.72	22.7	3
5	64QAM	12	7	21.7	21.71	21.68		
5	64QAM	12	13	21.69	21.71	21.71		
5	64QAM	25	0	21.72	21.78	21.65		
5	256QAM	1	0	19.79	19.91	19.79	20.7	5
5	256QAM	1	12	19.76	19.79	19.77		
5	256QAM	1	24	19.75	19.84	19.72		
5	256QAM	12	0	19.6	19.67	19.55	20.7	5
5	256QAM	12	7	19.83	19.84	19.79		
5	256QAM	12	13	19.76	19.78	19.76		
5	256QAM	25	0	19.71	19.79	19.74		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.66	24.84	24.73	25.7	0
15	QPSK	1	37	24.73	24.8	24.79		
15	QPSK	1	74	24.81	24.76	24.74		
15	QPSK	36	0	23.84	23.91	23.83	24.7	1
15	QPSK	36	20	23.71	23.89	23.72		
15	QPSK	36	39	23.72	23.78	23.73		
15	QPSK	75	0	23.75	23.79	23.72		
15	16QAM	1	0	23.78	23.84	23.76	24.7	1
15	16QAM	1	37	23.8	23.83	23.79		
15	16QAM	1	74	23.65	23.73	23.62		
15	16QAM	36	0	22.81	22.9	22.8	23.7	2
15	16QAM	36	20	22.86	22.88	22.79		
15	16QAM	36	39	22.72	22.79	22.72		
15	16QAM	75	0	22.73	22.77	22.68		
15	64QAM	1	0	22.9	22.97	22.94	23.7	2
15	64QAM	1	37	22.73	22.82	22.71		
15	64QAM	1	74	22.81	22.82	22.77		
15	64QAM	36	0	21.82	21.84	21.79	22.7	3
15	64QAM	36	20	21.68	21.76	21.69		
15	64QAM	36	39	21.79	21.82	21.73		
15	64QAM	75	0	21.75	21.76	21.72		
15	256QAM	1	0	20.15	20.21	20.14	20.7	5
15	256QAM	1	37	20.13	20.15	20.11		
15	256QAM	1	74	20.12	20.19	20.17		
15	256QAM	36	0	19.77	19.81	19.77	20.7	5
15	256QAM	36	20	19.67	19.77	19.72		
15	256QAM	36	39	19.72	19.79	19.74		
15	256QAM	75	0	19.71	19.73	19.64		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.62	24.8	24.69	25.7	0
10	QPSK	1	25	24.64	24.75	24.71		
10	QPSK	1	49	24.58	24.66	24.68		
10	QPSK	25	0	23.82	23.83	23.81	24.7	1
10	QPSK	25	12	23.69	23.78	23.71		
10	QPSK	25	25	23.64	23.68	23.62		
10	QPSK	50	0	23.74	23.7	23.67		
10	16QAM	1	0	23.72	23.76	23.68	24.7	1
10	16QAM	1	25	23.7	23.75	23.73		
10	16QAM	1	49	23.56	23.64	23.59		
10	16QAM	25	0	22.71	22.81	22.73	23.7	2
10	16QAM	25	12	22.84	22.83	22.72		
10	16QAM	25	25	22.67	22.71	22.68		
10	16QAM	50	0	22.7	22.73	22.57		
10	64QAM	1	0	22.86	22.87	22.92	23.7	2
10	64QAM	1	25	22.7	22.76	22.68		
10	64QAM	1	49	22.7	22.78	22.67		
10	64QAM	25	0	21.76	21.83	21.68	22.7	3
10	64QAM	25	12	21.67	21.71	21.67		
10	64QAM	25	25	21.77	21.78	21.67		
10	64QAM	50	0	21.73	21.7	21.65		
10	256QAM	1	0	20.12	20.17	20.05	20.7	5
10	256QAM	1	25	20.02	20.05	20.03		
10	256QAM	1	49	20.09	20.15	20.16		
10	256QAM	25	0	19.69	19.75	19.74	20.7	5
10	256QAM	25	12	19.64	19.72	19.7		
10	256QAM	25	25	19.69	19.71	19.68		
10	256QAM	50	0	19.66	19.63	19.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.58	24.8	24.66	25.7	0
5	QPSK	1	12	24.7	24.77	24.77		
5	QPSK	1	24	24.62	24.74	24.65		
5	QPSK	12	0	23.75	23.84	23.79	24.7	1
5	QPSK	12	7	23.64	23.76	23.66		
5	QPSK	12	13	23.66	23.7	23.62		
5	QPSK	25	0	23.71	23.74	23.69		
5	16QAM	1	0	23.69	23.74	23.66	24.7	1
5	16QAM	1	12	23.73	23.77	23.76		
5	16QAM	1	24	23.58	23.68	23.54		
5	16QAM	12	0	22.76	22.81	22.76	23.7	2
5	16QAM	12	7	22.84	22.79	22.77		
5	16QAM	12	13	22.65	22.76	22.69		
5	16QAM	25	0	22.64	22.76	22.62		
5	64QAM	1	0	22.86	22.88	22.86	23.7	2
5	64QAM	1	12	22.64	22.75	22.61		
5	64QAM	1	24	22.79	22.81	22.71		
5	64QAM	12	0	21.72	21.8	21.77	22.7	3
5	64QAM	12	7	21.61	21.67	21.66		
5	64QAM	12	13	21.73	21.74	21.69		
5	64QAM	25	0	21.67	21.74	21.67		
5	256QAM	1	0	20.11	20.16	20.13	20.7	5
5	256QAM	1	12	20.11	20.11	20.09		
5	256QAM	1	24	20.11	20.14	20.14		
5	256QAM	12	0	19.74	19.71	19.7	20.7	5
5	256QAM	12	7	19.61	19.72	19.63		
5	256QAM	12	13	19.61	19.74	19.71		
5	256QAM	25	0	19.7	19.69	19.61		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.59	24.75	24.7	25.7	0
3	QPSK	1	8	24.68	24.78	24.69		
3	QPSK	1	14	24.6	24.67	24.67		
3	QPSK	8	0	23.78	23.84	23.79	24.7	1
3	QPSK	8	4	23.62	23.81	23.7		
3	QPSK	8	7	23.63	23.71	23.64		
3	QPSK	15	0	23.74	23.72	23.65		
3	16QAM	1	0	23.74	23.76	23.69	24.7	1
3	16QAM	1	8	23.74	23.72	23.69		
3	16QAM	1	14	23.59	23.71	23.59		
3	16QAM	8	0	22.78	22.8	22.7	23.7	2
3	16QAM	8	4	22.85	22.8	22.75		
3	16QAM	8	7	22.62	22.71	22.64		
3	16QAM	15	0	22.71	22.67	22.62		
3	64QAM	1	0	22.81	22.94	22.89	23.7	2
3	64QAM	1	8	22.71	22.81	22.67		
3	64QAM	1	14	22.72	22.76	22.7		
3	64QAM	8	0	21.75	21.78	21.71	22.7	3
3	64QAM	8	4	21.59	21.71	21.62		
3	64QAM	8	7	21.75	21.71	21.65		
3	64QAM	15	0	21.65	21.67	21.63		
3	256QAM	1	0	20.13	20.18	20.13	20.7	5
3	256QAM	1	8	20.07	20.08	20.04		
3	256QAM	1	14	20.07	20.14	20.09		
3	256QAM	8	0	19.68	19.73	19.67	20.7	5
3	256QAM	8	4	19.66	19.74	19.62		
3	256QAM	8	7	19.67	19.72	19.7		
3	256QAM	15	0	19.67	19.65	19.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.56	24.81	24.65	25.7	0
1.4	QPSK	1	3	24.69	24.7	24.69		
1.4	QPSK	1	5	24.63	24.67	24.72		
1.4	QPSK	3	0	24.49	24.71	24.58		
1.4	QPSK	3	1	24.62	24.65	24.58		
1.4	QPSK	3	3	24.61	24.64	24.69		
1.4	QPSK	6	0	23.72	23.69	23.63	24.7	1
1.4	16QAM	1	0	23.72	23.79	23.66	24.7	1
1.4	16QAM	1	3	23.77	23.75	23.69		
1.4	16QAM	1	5	23.61	23.63	23.52		
1.4	16QAM	3	0	23.62	23.67	23.57		
1.4	16QAM	3	1	23.67	23.65	23.58		
1.4	16QAM	3	3	23.67	23.58	23.54		
1.4	16QAM	6	0	22.72	22.67	22.67	23.7	2
1.4	64QAM	1	0	22.8	22.89	22.85	23.7	2
1.4	64QAM	1	3	22.64	22.77	22.63		
1.4	64QAM	1	5	22.78	22.79	22.69		
1.4	64QAM	3	0	22.66	22.59	22.64		
1.4	64QAM	3	1	22.75	22.83	22.78		
1.4	64QAM	3	3	22.61	22.74	22.55		
1.4	64QAM	6	0	21.64	21.69	21.65	22.7	3
1.4	256QAM	1	0	20.08	20.17	20.11	20.7	5
1.4	256QAM	1	3	20.04	20.06	20		
1.4	256QAM	1	5	20.02	20.17	20.14		
1.4	256QAM	3	0	19.7	19.74	19.69		
1.4	256QAM	3	1	19.58	19.67	19.62		
1.4	256QAM	3	3	19.67	19.73	19.68		
1.4	256QAM	6	0	19.61	19.69	19.59	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.26	19.58	19.48	21	0
20	QPSK	1	49	19.51	19.45	19.33		
20	QPSK	1	99	19.39	19.43	19.37		
20	QPSK	50	0	19.48	19.51	19.45		
20	QPSK	50	24	19.5	19.47	19.28		
20	QPSK	50	50	19.44	19.43	19.39		
20	QPSK	100	0	19.36	19.54	19.37		
20	16QAM	1	0	19.19	19.56	19.4	21	0
20	16QAM	1	49	19.45	19.4	19.31		
20	16QAM	1	99	19.35	19.33	19.36		
20	16QAM	50	0	19.44	19.45	19.39		
20	16QAM	50	24	19.43	19.39	19.25		
20	16QAM	50	50	19.38	19.36	19.29		
20	16QAM	100	0	19.33	19.47	19.33		
20	64QAM	1	0	19.21	19.49	19.39	21	0
20	64QAM	1	49	19.46	19.4	19.26		
20	64QAM	1	99	19.35	19.37	19.27		
20	64QAM	50	0	19.4	19.49	19.39	21	0
20	64QAM	50	24	19.48	19.37	19.17		
20	64QAM	50	50	19.34	19.33	19.34		
20	64QAM	100	0	19.26	19.47	19.32		
20	256QAM	1	0	17.26	17.53	17.45	19	2
20	256QAM	1	49	17.54	17.42	17.36		
20	256QAM	1	99	17.34	17.4	17.33		
20	256QAM	50	0	17.5	17.48	17.42	19	2
20	256QAM	50	24	17.53	17.42	17.32		
20	256QAM	50	50	17.47	17.45	17.42		
20	256QAM	100	0	17.33	17.56	17.38		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.16	19.51	19.47	21	0
15	QPSK	1	37	19.42	19.4	19.31		
15	QPSK	1	74	19.28	19.39	19.34		
15	QPSK	36	0	19.43	19.47	19.4	21	0
15	QPSK	36	20	19.49	19.44	19.19		
15	QPSK	36	39	19.34	19.37	19.34		
15	QPSK	75	0	19.32	19.5	19.35		
15	16QAM	1	0	19.15	19.49	19.37	21	0
15	16QAM	1	37	19.41	19.38	19.28		
15	16QAM	1	74	19.32	19.25	19.35		
15	16QAM	36	0	19.4	19.39	19.3	21	0
15	16QAM	36	20	19.34	19.33	19.21		
15	16QAM	36	39	19.3	19.28	19.2		
15	16QAM	75	0	19.25	19.4	19.26		
15	64QAM	1	0	19.17	19.41	19.36	21	0
15	64QAM	1	37	19.42	19.38	19.18		
15	64QAM	1	74	19.29	19.27	19.21		
15	64QAM	36	0	19.39	19.4	19.37	21	0
15	64QAM	36	20	19.4	19.31	19.1		
15	64QAM	36	39	19.27	19.23	19.27		
15	64QAM	75	0	19.2	19.44	19.21		
15	256QAM	1	0	17.18	17.5	17.43	19	2
15	256QAM	1	37	17.44	17.38	17.29		
15	256QAM	1	74	17.31	17.34	17.23		
15	256QAM	36	0	17.39	17.4	17.35	19	2
15	256QAM	36	20	17.47	17.35	17.28		
15	256QAM	36	39	17.47	17.36	17.35		
15	256QAM	75	0	17.26	17.54	17.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.19	19.5	19.36	21	0
10	QPSK	1	25	19.46	19.39	19.3		
10	QPSK	1	49	19.33	19.36	19.3		
10	QPSK	25	0	19.39	19.47	19.44	21	0
10	QPSK	25	12	19.48	19.39	19.17		
10	QPSK	25	25	19.41	19.34	19.34		
10	QPSK	50	0	19.33	19.44	19.36		
10	16QAM	1	0	19.15	19.52	19.3	21	0
10	16QAM	1	25	19.35	19.36	19.2		
10	16QAM	1	49	19.33	19.27	19.29		
10	16QAM	25	0	19.34	19.36	19.32	21	0
10	16QAM	25	12	19.34	19.36	19.21		
10	16QAM	25	25	19.35	19.3	19.27		
10	16QAM	50	0	19.28	19.36	19.28		
10	64QAM	1	0	19.12	19.4	19.36	21	0
10	64QAM	1	25	19.43	19.37	19.2		
10	64QAM	1	49	19.26	19.26	19.22		
10	64QAM	25	0	19.36	19.39	19.29	21	0
10	64QAM	25	12	19.45	19.29	19.11		
10	64QAM	25	25	19.25	19.29	19.23		
10	64QAM	50	0	19.19	19.39	19.23	21	0
10	256QAM	1	0	17.24	17.42	17.42	19	2
10	256QAM	1	25	17.44	17.36	17.32		
10	256QAM	1	49	17.25	17.32	17.29		
10	256QAM	25	0	17.47	17.4	17.38	19	2
10	256QAM	25	12	17.52	17.35	17.28		
10	256QAM	25	25	17.44	17.34	17.31		
10	256QAM	50	0	17.31	17.45	17.29		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.2	19.54	19.4	21	0
5	QPSK	1	12	19.47	19.44	19.23		
5	QPSK	1	24	19.29	19.39	19.26		
5	QPSK	12	0	19.37	19.44	19.42	21	0
5	QPSK	12	7	19.4	19.37	19.25		
5	QPSK	12	13	19.39	19.37	19.28		
5	QPSK	25	0	19.34	19.52	19.33		
5	16QAM	1	0	19.12	19.49	19.32	21	0
5	16QAM	1	12	19.37	19.31	19.24		
5	16QAM	1	24	19.25	19.3	19.26		
5	16QAM	12	0	19.37	19.4	19.3	21	0
5	16QAM	12	7	19.42	19.36	19.17		
5	16QAM	12	13	19.28	19.25	19.27		
5	16QAM	25	0	19.25	19.38	19.29		
5	64QAM	1	0	19.17	19.39	19.34	21	0
5	64QAM	1	12	19.35	19.32	19.21		
5	64QAM	1	24	19.34	19.3	19.2		
5	64QAM	12	0	19.32	19.47	19.36	21	0
5	64QAM	12	7	19.47	19.27	19.09		
5	64QAM	12	13	19.31	19.27	19.25		
5	64QAM	25	0	19.22	19.42	19.29		
5	256QAM	1	0	17.22	17.52	17.35	19	2
5	256QAM	1	12	17.44	17.4	17.26		
5	256QAM	1	24	17.23	17.34	17.28		
5	256QAM	12	0	17.41	17.36	17.4	19	2
5	256QAM	12	7	17.43	17.38	17.3		
5	256QAM	12	13	17.46	17.43	17.33		
5	256QAM	25	0	17.25	17.47	17.32		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.16	19.53	19.37	21	0
3	QPSK	1	8	19.46	19.42	19.25		
3	QPSK	1	14	19.36	19.34	19.31		
3	QPSK	8	0	19.39	19.44	19.39	21	0
3	QPSK	8	4	19.4	19.42	19.27		
3	QPSK	8	7	19.39	19.32	19.31		
3	QPSK	15	0	19.32	19.43	19.34	21	0
3	16QAM	1	0	19.16	19.48	19.32		
3	16QAM	1	8	19.39	19.34	19.22		
3	16QAM	1	14	19.25	19.27	19.27		
3	16QAM	8	0	19.35	19.43	19.37	21	0
3	16QAM	8	4	19.36	19.36	19.17		
3	16QAM	8	7	19.31	19.34	19.27		
3	16QAM	15	0	19.29	19.36	19.24	21	0
3	64QAM	1	0	19.13	19.42	19.3		
3	64QAM	1	8	19.39	19.37	19.15		
3	64QAM	1	14	19.3	19.32	19.22		
3	64QAM	8	0	19.33	19.46	19.32	21	0
3	64QAM	8	4	19.45	19.34	19.13		
3	64QAM	8	7	19.24	19.27	19.33		
3	64QAM	15	0	19.21	19.45	19.22		
3	256QAM	1	0	17.15	17.5	17.36	19	2
3	256QAM	1	8	17.47	17.35	17.28		
3	256QAM	1	14	17.31	17.31	17.27		
3	256QAM	8	0	17.39	17.38	17.35	19	2
3	256QAM	8	4	17.45	17.36	17.29		
3	256QAM	8	7	17.4	17.43	17.39		
3	256QAM	15	0	17.31	17.54	17.36		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.24	19.56	19.4	21	0
1.4	QPSK	1	3	19.4	19.38	19.25		
1.4	QPSK	1	5	19.31	19.4	19.33		
1.4	QPSK	3	0	19.43	19.48	19.38		
1.4	QPSK	3	1	19.47	19.38	19.2		
1.4	QPSK	3	3	19.39	19.38	19.31		
1.4	QPSK	6	0	19.28	19.46	19.3	21	0
1.4	16QAM	1	0	19.18	19.46	19.32	21	0
1.4	16QAM	1	3	19.42	19.34	19.2		
1.4	16QAM	1	5	19.24	19.25	19.32		
1.4	16QAM	3	0	19.34	19.35	19.31		
1.4	16QAM	3	1	19.36	19.37	19.2		
1.4	16QAM	3	3	19.29	19.34	19.25

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	24.20	24.29	24.23	24.7	0
20	QPSK	1	49	24.19	24.09	24.08		
20	QPSK	1	99	24.13	24.16	24.16		
20	QPSK	50	0	24.09	24.24	24.15	24.7	0
20	QPSK	50	24	24.21	24.19	24.10		
20	QPSK	50	50	24.16	24.12	24.13		
20	QPSK	100	0	24.13	24.21	24.19		
20	16QAM	1	0	24.10	24.27	24.20	24.7	0
20	16QAM	1	49	24.17	24.08	24.01		
20	16QAM	1	99	24.04	24.12	24.06		
20	16QAM	50	0	23.18	23.25	23.22	23.7	1
20	16QAM	50	24	23.15	23.09	23.05		
20	16QAM	50	50	23.11	23.19	23.21		
20	16QAM	100	0	23.05	23.25	23.16		
20	64QAM	1	0	23.19	23.22	23.12	23.7	1
20	64QAM	1	49	23.12	23.09	23.11		
20	64QAM	1	99	23.14	23.26	23.19		
20	64QAM	50	0	22.23	22.33	22.22	22.7	2
20	64QAM	50	24	22.15	22.06	22.10		
20	64QAM	50	50	22.18	22.11	22.12		
20	64QAM	100	0	22.06	22.24	22.18		
20	256QAM	1	0	20.17	20.34	20.27	20.7	4
20	256QAM	1	49	20.20	20.08	20.07		
20	256QAM	1	99	20.15	20.14	20.15		
20	256QAM	50	0	20.07	20.22	20.12	20.7	4
20	256QAM	50	24	20.20	20.19	20.08		
20	256QAM	50	50	20.16	20.15	20.12		
20	256QAM	100	0	20.10	20.25	20.16		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	24.10	24.19	24.17	24.7	0
15	QPSK	1	37	24.17	24.05	24.06		
15	QPSK	1	74	24.06	24.06	24.14		
15	QPSK	36	0	24.07	24.17	24.14	24.7	0
15	QPSK	36	20	24.14	24.12	24.00		
15	QPSK	36	39	24.14	24.05	24.10		
15	QPSK	75	0	24.06	24.16	24.13		
15	16QAM	1	0	24.08	24.20	24.14	24.7	0
15	16QAM	1	37	24.15	24.03	23.98		
15	16QAM	1	74	23.95	24.07	23.95		
15	16QAM	36	0	23.10	23.20	23.14	23.7	1
15	16QAM	36	20	23.07	23.03	22.96		
15	16QAM	36	39	23.08	23.18	23.11		
15	16QAM	75	0	22.98	23.18	23.05		
15	64QAM	1	0	23.17	23.12	23.10	23.7	1
15	64QAM	1	37	23.08	22.99	23.09		
15	64QAM	1	74	23.05	23.22	23.15		
15	64QAM	36	0	22.18	22.28	22.16	22.7	2
15	64QAM	36	20	22.10	21.96	22.05		
15	64QAM	36	39	22.10	22.06	22.10		
15	64QAM	75	0	22.00	22.14	22.08		
15	256QAM	1	0	20.12	20.27	20.19	20.7	4
15	256QAM	1	37	20.14	20.05	19.97		
15	256QAM	1	74	20.12	20.10	20.12		
15	256QAM	36	0	20.05	20.20	20.01	20.7	4
15	256QAM	36	20	20.19	20.13	20.06		
15	256QAM	36	39	20.10	20.08	20.04		
15	256QAM	75	0	20.00	20.16	20.15		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	24.10	24.19	24.17	24.7	0
10	QPSK	1	25	24.17	24.05	24.06		
10	QPSK	1	49	24.06	24.06	24.14		
10	QPSK	25	0	24.07	24.17	24.14	24.7	0
10	QPSK	25	12	24.14	24.12	24.00		
10	QPSK	25	25	24.14	24.05	24.10		
10	QPSK	50	0	24.06	24.16	24.13		
10	16QAM	1	0	24.08	24.20	24.14	24.7	0
10	16QAM	1	25	24.15	24.03	23.98		
10	16QAM	1	49	23.95	24.07	23.95		
10	16QAM	25	0	23.10	23.20	23.14	23.7	1
10	16QAM	25	12	23.07	23.03	22.96		
10	16QAM	25	25	23.08	23.18	23.11		
10	16QAM	50	0	22.98	23.18	23.05		
10	64QAM	1	0	23.17	23.12	23.10	23.7	1
10	64QAM	1	25	23.08	22.99	23.09		
10	64QAM	1	49	23.05	23.22	23.15		
10	64QAM	25	0	22.18	22.28	22.16	22.7	2
10	64QAM	25	12	22.10	21.96	22.05		
10	64QAM	25	25	22.10	22.06	22.10		
10	64QAM	50	0	22.00	22.14	22.08		
10	256QAM	1	0	20.12	20.27	20.19	20.7	4
10	256QAM	1	25	20.14	20.05	19.97		
10	256QAM	1	49	20.12	20.10	20.12		
10	256QAM	25	0	20.05	20.20	20.01	20.7	4
10	256QAM	25	12	20.19	20.13	20.06		
10	256QAM	25	25	20.10	20.08	20.04		
10	256QAM	50	0	20.00	20.16	20.15		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	24.09	24.28	24.18	24.7	0
5	QPSK	1	12	24.17	24.00	24.00		
5	QPSK	1	24	24.11	24.08	24.11		
5	QPSK	12	0	24.03	24.22	24.09	24.7	0
5	QPSK	12	7	24.13	24.15	24.05		
5	QPSK	12	13	24.08	24.01	24.10		
5	QPSK	25	0	24.05	24.18	24.12		
5	16QAM	1	0	24.03	24.25	24.17	24.7	0
5	16QAM	1	12	24.07	24.03	23.99		
5	16QAM	1	24	23.99	24.01	24.05		
5	16QAM	12	0	23.09	23.16	23.20	23.7	1
5	16QAM	12	7	23.08	23.04	23.00		
5	16QAM	12	13	23.01	23.10	23.17		
5	16QAM	25	0	22.99	23.23	23.06		
5	64QAM	1	0	23.15	23.18	23.07	23.7	1
5	64QAM	1	12	23.02	23.00	23.09		
5	64QAM	1	24	23.07	23.15	23.18		
5	64QAM	12	0	22.14	22.31	22.18	22.7	2
5	64QAM	12	7	22.07	22.03	22.05		
5	64QAM	12	13	22.13	22.05	22.02		
5	64QAM	25	0	21.96	22.18	22.10		
5	256QAM	1	0	20.09	20.33	20.19	20.7	4
5	256QAM	1	12	20.10	20.07	19.97		
5	256QAM	1	24	20.12	20.06	20.06		
5	256QAM	12	0	20.00	20.16	20.07	20.7	4
5	256QAM	12	7	20.19	20.17	20.05		
5	256QAM	12	13	20.07	20.05	20.06		
5	256QAM	25	0	20.04	20.21	20.14		

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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	24.27	24.24	24.39	24.30	24.25	24.7	0
20	QPSK	1	49	24.21	24.16	24.24	24.15	24.28		
20	QPSK	1	99	24.16	24.24	24.23	24.17	24.19		
20	QPSK	50	0	24.19	24.24	24.29	24.17	24.23		
20	QPSK	50	24	24.21	24.19	24.24	24.16	24.13		
20	QPSK	50	50	24.24	24.18	24.25	24.28	24.25		
20	QPSK	100	0	24.25	24.15	24.36	24.23	24.13		
20	16QAM	1	0	24.18	24.14	24.30	24.19	24.15	24.7	0
20	16QAM	1	49	24.20	24.10	24.22	24.12	24.19		
20	16QAM	1	99	24.12	24.21	24.12	24.15	24.14		
20	16QAM	50	0	23.24	23.28	23.41	23.31	23.27	23.7	1
20	16QAM	50	24	23.24	23.12	23.27	23.15	23.30		
20	16QAM	50	50	23.20	23.27	23.25	23.21	23.18		
20	16QAM	100	0	23.18	23.20	23.24	23.17	23.19		
20	64QAM	1	0	23.17	23.21	23.26	23.20	23.12	23.7	1
20	64QAM	1	49	23.26	23.18	23.28	23.29	23.26		
20	64QAM	1	99	23.27	23.11	23.36	23.18	23.11		
20	64QAM	50	0	22.26	22.25	22.36	22.30	22.28	22.7	2
20	64QAM	50	24	22.20	22.18	22.21	22.15	22.32		
20	64QAM	50	50	22.15	22.21	22.22	22.13	22.22		
20	64QAM	100	0	22.18	22.28	22.34	22.12	22.25		
20	256QAM	1	0	20.31	20.21	20.44	20.26	20.20	20.7	4
20	256QAM	1	49	20.26	20.13	20.19	20.14	20.27		
20	256QAM	1	99	20.14	20.28	20.21	20.16	20.20		
20	256QAM	50	0	20.20	20.22	20.30	20.18	20.20	20.7	4
20	256QAM	50	24	20.21	20.15	20.23	20.17	20.09		
20	256QAM	50	50	20.29	20.16	20.24	20.24	20.29		
20	256QAM	100	0	20.29	20.17	20.34	20.26	20.13		
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	24.20	24.18	24.36	24.29	24.17	25	0
15	QPSK	1	37	24.12	24.13	24.18	24.11	24.24		
15	QPSK	1	74	24.11	24.13	24.17	24.13	24.09		
15	QPSK	36	0	24.12	24.22	24.26	24.12	24.12	24.7	0
15	QPSK	36	20	24.18	24.18	24.15	24.09	24.03		
15	QPSK	36	39	24.21	24.13	24.23	24.23	24.22		
15	QPSK	75	0	24.21	24.05	24.33	24.20	24.03		
15	16QAM	1	0	24.08	24.08	24.26	24.13	24.07	24.7	0
15	16QAM	1	37	24.10	24.07	24.19	24.06	24.08		
15	16QAM	1	74	24.05	24.20	24.07	24.05	24.12		
15	16QAM	36	0	23.17	23.18	23.31	23.29	23.19	23.7	1
15	16QAM	36	20	23.22	23.01	23.17	23.07	23.23		
15	16QAM	36	39	23.17	23.23	23.18	23.17	23.07		
15	16QAM	75	0	23.13	23.11	23.14	23.10	23.10		
15	64QAM	1	0	23.16	23.13	23.24	23.11	23.11	23.7	1
15	64QAM	1	37	23.19	23.08	23.20	23.21	23.23		
15	64QAM	1	74	23.17	23.03	23.27	23.07	23.07		
15	64QAM	36	0	22.23	22.15	22.34	22.26	22.21	22.7	2
15	64QAM	36	20	22.09	22.14	22.17	22.08	22.26		
15	64QAM	36	39	22.10	22.17	22.15	22.02	22.15		
15	64QAM	75	0	22.07	22.24	22.30	22.08	22.21		
15	256QAM	1	0	20.27	20.11	20.41	20.21	20.14	20.7	4
15	256QAM	1	37	20.16	20.09	20.13	20.07	20.24		
15	256QAM	1	74	20.04	20.25	20.20	20.12	20.13		
15	256QAM	36	0	20.12	20.14	20.27	20.11	20.16	20.7	4
15	256QAM	36	20	20.18	20.11	20.19	20.13	20.05		
15	256QAM	36	39	20.19	20.13	20.17	20.15	20.22		
15	256QAM	75	0	20.21	20.08	20.32	20.18	20.08		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.24	24.13	24.32	24.27	24.18	25	0
10	QPSK	1	25	24.13	24.12	24.16	24.11	24.22		
10	QPSK	1	49	24.14	24.20	24.17	24.16	24.10		
10	QPSK	25	0	24.18	24.19	24.25	24.07	24.19	24.7	0
10	QPSK	25	12	24.12	24.09	24.22	24.09	24.03		
10	QPSK	25	25	24.14	24.15	24.16	24.24	24.18		
10	QPSK	50	0	24.22	24.12	24.29	24.22	24.06		
10	16QAM	1	0	24.11	24.10	24.19	24.11	24.11	24.7	0
10	16QAM	1	25	24.18	24.04	24.16	24.02	24.15		
10	16QAM	1	49	24.10	24.15	24.10	24.09	24.03		
10	16QAM	25	0	23.14	23.26	23.35	23.26	23.26	23.7	1
10	16QAM	25	12	23.22	23.04	23.21	23.10	23.26		
10	16QAM	25	25	23.13	23.19	23.24	23.14	23.09		
10	16QAM	50	0	23.11	23.11	23.20	23.11	23.12		
10	64QAM	1	0	23.13	23.15	23.25	23.19	23.02	23.7	1
10	64QAM	1	25	23.17	23.10	23.25	23.19	23.20		
10	64QAM	1	49	23.20	23.01	23.34	23.09	23.08		
10	64QAM	25	0	22.16	22.17	22.34	22.22	22.24	22.7	2
10	64QAM	25	12	22.11	22.10	22.13	22.11	22.31		
10	64QAM	25	25	22.06	22.12	22.19	22.10	22.16		
10	64QAM	50	0	22.12	22.26	22.32	22.06	22.17		
10	256QAM	1	0	20.26	20.10	20.38	20.24	20.12	20.7	4
10	256QAM	1	25	20.23	20.06	20.08	20.03	20.26		
10	256QAM	1	49	20.06	20.26	20.10	20.15	20.15		
10	256QAM	25	0	20.15	20.11	20.29	20.08	20.12	20.7	4
10	256QAM	25	12	20.14	20.13	20.21	20.09	20.07		
10	256QAM	25	25	20.26	20.12	20.20	20.22	20.24		
10	256QAM	50	0	20.22	20.15	20.25	20.16	20.03		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.21	24.21	24.32	24.25	24.22	25	0
5	QPSK	1	12	24.16	24.07	24.18	24.11	24.20		
5	QPSK	1	24	24.13	24.14	24.22	24.10	24.16		
5	QPSK	12	0	24.13	24.22	24.27	24.11	24.19	24.7	0
5	QPSK	12	7	24.15	24.16	24.22	24.09	24.02		
5	QPSK	12	13	24.15	24.10	24.22	24.21	24.15		
5	QPSK	25	0	24.17	24.10	24.26	24.21	24.04		
5	16QAM	1	0	24.16	24.08	24.25	24.15	24.10	24.7	0
5	16QAM	1	12	24.15	24.01	24.17	24.01	24.10		
5	16QAM	1	24	24.03	24.15	24.09	24.11	24.12		
5	16QAM	12	0	23.16	23.22	23.35	23.24	23.25	23.7	1
5	16QAM	12	7	23.15	23.02	23.24	23.14	23.22		
5	16QAM	12	13	23.16	23.24	23.23	23.10	23.12		
5	16QAM	25	0	23.08	23.13	23.15	23.12	23.12		
5	64QAM	1	0	23.12	23.18	23.24	23.10	23.11	23.7	1
5	64QAM	1	12	23.20	23.14	23.24	23.24	23.24		
5	64QAM	1	24	23.21	23.00	23.25	23.08	23.02		
5	64QAM	12	0	22.22	22.22	22.25	22.23	22.19	22.7	2
5	64QAM	12	7	22.14	22.11	22.19	22.06	22.25		
5	64QAM	12	13	22.13	22.11	22.20	22.08	22.16		
5	64QAM	25	0	22.13	22.25	22.24	22.05	22.16		
5	256QAM	1	0	20.25	20.11	20.42	20.15	20.12	20.7	4
5	256QAM	1	12	20.21	20.03	20.17	20.05	20.18		
5	256QAM	1	24	20.06	20.18	20.12	20.06	20.12		
5	256QAM	12	0	20.13	20.15	20.21	20.16	20.15	20.7	4
5	256QAM	12	7	20.20	20.13	20.12	20.15	19.99		
5	256QAM	12	13	20.18	20.10	20.17	20.19	20.21		
5	256QAM	25	0	20.25	20.07	20.30	20.16	20.03		

	GSM850 Ant1 DSI7							
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.69	32.76	32.71	34.00	23.69	23.76	23.71	25.00
GPRS 1 Tx slot	32.55	32.79	32.61	34.00	23.55	23.79	23.61	25.00
GPRS 2 Tx slots	29.87	29.96	29.87	31.00	23.87	23.96	23.87	25.00
GPRS 3 Tx slots	28.00	28.08	28.07	29.20	23.74	23.82	23.81	24.94
GPRS 4 Tx slots	26.75	26.86	26.81	28.00	23.75	23.86	23.81	25.00
EDGE 1 Tx slot	27.37	27.39	27.35	28.00	18.37	18.39	18.35	19.00
EDGE 2 Tx slots	24.40	24.49	24.44	25.00	18.40	18.49	18.44	19.00
EDGE 3 Tx slots	22.77	22.79	22.77	23.20	18.51	18.53	18.51	18.94
EDGE 4 Tx slots	21.76	21.81	21.76	22.00	18.76	18.81	18.76	19.00

		WCDMA V Ant1 DSI7				WCDMA IV Ant1 DSI7			
Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.70	22.85	22.69	24.00	21.25	21.26	21.14	23.00
3GPP Rel 99	RMC 12.2Kbps	22.80	22.93	22.75	24.00	21.31	21.35	21.23	23.00
3GPP Rel 6	HSDPA Subtest-1	21.59	21.98	21.60	23.00	20.03	20.40	20.15	22.00
3GPP Rel 6	HSDPA Subtest-2	21.55	21.77	21.74	23.00	20.21	20.29	20.20	22.00
3GPP Rel 6	HSDPA Subtest-3	21.04	21.26	21.09	22.50	19.56	19.75	19.68	21.50
3GPP Rel 6	HSDPA Subtest-4	21.22	21.07	21.09	22.50	19.76	19.65	19.61	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.57	21.66	21.51	23.00	20.05	20.05	20.08	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.40	21.73	21.70	23.00	20.01	20.22	20.21	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.25	21.21	21.33	22.50	19.76	19.74	19.77	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.23	21.11	21.10	22.50	19.79	19.66	19.59	21.50
3GPP Rel 6	HSUPA Subtest-1	21.73	21.84	21.77	23.00	20.11	20.31	20.17	22.00
3GPP Rel 6	HSUPA Subtest-2	19.64	19.69	19.86	21.00	18.22	18.18	18.27	20.00
3GPP Rel 6	HSUPA Subtest-3	20.65	20.71	20.70	22.00	19.16	19.33	19.26	21.00
3GPP Rel 6	HSUPA Subtest-4	19.43	19.72	19.52	21.00	18.01	18.23	18.03	20.00
3GPP Rel 6	HSUPA Subtest-5	21.48	21.79	21.67	23.00	20.05	20.33	20.21	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.18	19.16	19.00	20.50	17.67	17.60	17.54	19.50

Band 4 Ant1 Other PA DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.24	22.45	22.18	23.2	0
20	QPSK	1	49	22.36	22.41	22.22		
20	QPSK	1	99	22.33	22.36	22.18		
20	QPSK	50	0	22.38	22.40	22.33		
20	QPSK	50	24	22.24	22.38	22.18	23.2	0
20	QPSK	50	50	22.35	22.37	22.20		
20	QPSK	100	0	22.29	22.31	22.24		
20	16QAM	1	0	22.21	22.41	22.11		
20	16QAM	1	49	22.26	22.38	22.15	23.2	0
20	16QAM	1	99	22.26	22.27	22.13		
20	16QAM	50	0	22.30	22.36	22.28		
20	16QAM	50	24	22.22	22.31	22.09	23.2	0
20	16QAM	50	50	22.32	22.32	22.09		
20	16QAM	100	0	22.19	22.26	22.13		
20	64QAM	1	0	22.16	22.36	22.10		
20	64QAM	1	49	22.29	22.34	22.18	23.2	0
20	64QAM	1	99	22.30	22.32	22.07		
20	64QAM	50	0	21.72	21.99	21.66		
20	64QAM	50	24	21.85	21.87	21.68	22.7	0.5
20	64QAM	50	50	21.87	21.88	21.66		
20	64QAM	100	0	21.84	21.90	21.88		
20	256QAM	1	0	19.70	19.95	19.68		
20	256QAM	1	49	19.89	19.94	19.76	20.7	2.5
20	256QAM	1	99	19.86	19.87	19.66		
20	256QAM	50	0	19.88	19.89	19.80		
20	256QAM	50	24	19.78	19.91	19.69	20.7	2.5
20	256QAM	50	50	19.89	19.90	19.73		
20	256QAM	100	0	19.74	19.80	19.71		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.20	22.37	22.09	23.2	0
15	QPSK	1	37	22.31	22.34	22.17		
15	QPSK	1	74	22.32	22.25	22.12		
15	QPSK	36	0	22.33	22.30	22.27		
15	QPSK	36	20	22.22	22.32	22.13	23.2	0
15	QPSK	36	39	22.29	22.34	22.19		
15	QPSK	75	0	22.24	22.24	22.16		
15	16QAM	1	0	22.14	22.34	22.07		
15	16QAM	1	37	22.19	22.32	22.08	23.2	0
15	16QAM	1	74	22.21	22.19	22.08		
15	16QAM	36	0	22.22	22.31	22.22		
15	16QAM	36	20	22.19	22.29	22.06	23.2	0
15	16QAM	36	39	22.21	22.23	21.99		
15	16QAM	75	0	22.15	22.24	22.08		
15	64QAM	1	0	22.06	22.31	22.05		
15	64QAM	1	37	22.25	22.25	22.07	23.2	0
15	64QAM	1	74	22.27	22.24	22.01		
15	64QAM	36	0	21.66	21.94	21.55		
15	64QAM	36	20	21.81	21.78	21.62	22.7	0.5
15	64QAM	36	39	21.79	21.84	21.65		
15	64QAM	75	0	21.79	21.83	21.80		
15	256QAM	1	0	19.66	19.84	19.62		
15	256QAM	1	37	19.81	19.94	19.70	20.7	2.5
15	256QAM	1	74	19.80	19.86	19.59		
15	256QAM	36	0	19.79	19.79	19.70		
15	256QAM	36	20	19.69	19.80	19.63	20.7	2.5
15	256QAM	36	39	19.80	19.86	19.66		
15	256QAM	75	0	19.69	19.71	19.65		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.14	22.41	22.07	23.2	0
10	QPSK	1	25	22.31	22.39	22.21		
10	QPSK	1	49	22.26	22.32	22.08		
10	QPSK	25	0	22.34	22.32	22.23		
10	QPSK	25	12	22.16	22.30	22.15	23.2	0
10	QPSK	25	25	22.29	22.33	22.14		
10	QPSK	50	0	22.21	22.26	22.18		
10	16QAM	1	0	22.12	22.37	22.02		
10	16QAM	1	25	22.19	22.35	22.07	23.2	0
10	16QAM	1	49	22.23	22.19	22.04		
10	16QAM	25	0	22.22	22.28	22.25		
10	16QAM	25	12	22.20	22.24	22.03	23.2	0
10	16QAM	25	25	22.28	22.22	21.99		
10	16QAM	50	0	22.20	22.12	22.12		
10	64QAM	1	0	22.11	22.29	22.08		
10	64QAM	1	25	22.28	22.31	22.13	23.2	0
10	64QAM	1	49	22.21	22.30	22.02		
10	64QAM	25	0	21.66	21.96	21.58		
10	64QAM	25	12	21.79	21.81	21.65	22.7	0.5
10	64QAM	25	25	21.77	21.83	21.63		
10	64QAM	50	0	21.82	21.84	21.78		
10	256QAM	1	0	19.63	19.85	19.66		
10	256QAM	1	25	19.84	19.87	19.74	20.7	2.5
10	256QAM	1	49	19.82	19.83	19.59		
10	256QAM	25	0	19.80	19.87	19.77		
10	256QAM	25	12	19.71	19.88	19.67	20.7	2.5
10	256QAM	25	25	19.84	19.80	19.69		
10	256QAM	50	0	19.69	19.69	19.65		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.22	22.37	22.13	23.2	0
5	QPSK	1	12	22.28	22.32	22.16		
5	QPSK	1	24	22.28	22.24	22.17		
5	QPSK	12	0	22.30	22.29	22.28		
5	QPSK	12	7	22.16	22.31	22.13	23.2	0
5	QPSK	12	13	22.29	22.33	22.13		
5	QPSK	25	0	22.20	22.28	22.23		
5	16QAM	1	0	22.14	22.31	22.10	23.2	0
5	16QAM	1	12	22.24	22.30	22.09		
5	16QAM	1	24	22.20	22.17	22.04		
5	16QAM	12	0	22.25	22.30	22.24	23.2	0
5	16QAM	12	7	22.16	22.29	22.05		
5	16QAM	12	13	22.27	22.29	22.07		
5	16QAM	25	0	22.14	22.21	22.03		
5	64QAM	1	0	22.10	22.26	22.04	23.2	0
5	64QAM	1	12	22.19	22.24	22.16		
5	64QAM	1	24	22.28	22.24	22.03		
5	64QAM	12	0	21.70	21.95	21.64		
5	64QAM	12	7	21.76	21.82	21.59	22.7	0.5
5	64QAM	12	13	21.76	21.83	21.62		
5	64QAM	25	0	21.75	21.83	21.78		
5	256QAM	1	0	19.63	19.92	19.66		
5	256QAM	1	12	19.78	19.91	19.68	20.7	2.5
5	256QAM	1	24	19.82	19.78	19.61		
5	256QAM	12	0	19.81	19.78	19.75		
5	256QAM	12	7	19.72	19.89	19.60	20.7	2.5
5	256QAM	12	13	19.80	19.80	19.65		
5	256QAM	25	0	19.69	19.71	19.62		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.18	22.37	22.15	23.2	0
3	QPSK	1	8	22.28	22.35	22.15		
3	QPSK	1	14	22.25	22.25	22.08		
3	QPSK	8	0	22.34	22.32	22.22		
3	QPSK	8	4	22.21	22.33	22.15	23.2	0
3	QPSK	8	7	22.26	22.29	22.16		
3	QPSK	15	0	22.22	22.27	22.22		
3	16QAM	1	0	22.11	22.34	22.00		
3	16QAM	1	8	22.23	22.28	22.08	23.2	0
3	16QAM	1	14	22.21	22.25	22.05		
3	16QAM	8	0	22.27	22.27	22.24		
3	16QAM	8	4	22.20	22.30	22.01	23.2	0
3	16QAM	8	7	22.22	22.23	22.01		
3	16QAM	15	0	22.18	22.26	22.02		
3	64QAM	1	0	22.09	22.25	21.99	23.2	0
3	64QAM	1	8	22.26	22.31	22.10		
3	64QAM	1	14	22.28	22.28	21.97		
3	64QAM	8	0	21.67	21.94	21.65		
3	64QAM	8	4	21.83	21.86	21.58	22.7	0.5
3	64QAM	8	7	21.77	21.78	21.63		
3	64QAM	15	0	21.75	21.86	21.87		
3	256QAM	1	0	19.65	19.89	19.61		
3	256QAM	1	8	19.82	19.87	19.68	20.7	2.5
3	256QAM	1	14	19.79	19.78	19.63		
3	256QAM	8	0	19.84	19.87	19.69		
3	256QAM	8	4	19.69	19.90	19.61	20.7	2.5
3	256QAM	8	7	19.82	19.85	19.67		
3	256QAM	15	0	19.68	19.76	19.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.15	22.44	22.16	23.2	0
1.4	QPSK	1	3	22.31	22.39	22.15		
1.4	QPSK	1	5	22.26	22.33	22.15		
1.4	QPSK	3	0	22.35	22.30	22.23		
1.4	QPSK	3	1	22.21	22.36	22.14		
1.4	QPSK	3	3	22.26	22.30	22.16		
1.4	QPSK	6	0	22.26	22.25	22.20	23.2	0
1.4	16QAM	1	0	22.11	22.32	22.01	23.2	0
1.4	16QAM	1	3	22.24	22.31	22.07		
1.4	16QAM	1	5	22.25	22.18	22.06		
1.4	16QAM	3	0	22.22	22.26	22.22		
1.4	16QAM	3	1	22.20	22.30	22.08		
1.4	16QAM	3	3	22.23	22.28	21.99		
1.4	16QAM	6	0	22.08	22.18	22.02	23.2	0
1.4	64QAM	1	0	22.11	22.34	21.99	23.2	0
1.4	64QAM	1	3	22.21	22.25	22.07		
1.4	64QAM	1	5	22.27	22.24	21.97		
1.4	64QAM	3	0	21.67	21.91	21.56		
1.4	64QAM	3	1	21.81	21.84	21.58		
1.4	64QAM	3	3	21.80	21.87	21.62		
1.4	64QAM	6	0	21.78	21.80	21.84	22.7	0.5
1.4	256QAM	1	0	19.63	19.91	19.65	20.7	2.5
1.4	256QAM	1	3	19.80	19.88	19.68		
1.4	256QAM	1	5	19.75	19.82	19.64		
1.4	256QAM	3	0	19.83	19.83	19.77		
1.4	256QAM	3	1	19.67	19.82	19.60		
1.4	256QAM	3	3	19.84	19.79	19.68		
1.4	256QAM	6	0	19.66	19.70	19.65	20.7	2.5

Band 5 Ant1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.97	23.14	23.07	24	0
10	QPSK	1	25	22.86	22.96	23.03		
10	QPSK	1	49	22.82	23.06	22.86		
10	QPSK	25	0	22.96	23.06	22.92		
10	QPSK	25	12	22.84	22.94	22.97	24	0
10	QPSK	25	25	22.94	22.98	22.90		
10	QPSK	50	0	22.91	23.04	23.03		
10	16QAM	1	0	22.86	23.09	23.04		
10	16QAM	1	25	22.84	22.93	22.96	24	0
10	16QAM	1	49	22.72	22.95	22.78		
10	16QAM	25	0	22.50	22.62	22.56		
10	16QAM	25	12	22.39	22.47	22.51	23.5	0.5
10	16QAM	25	25	22.27	22.58	22.39		
10	16QAM	50	0	22.50	22.52	22.45		
10	64QAM	1	0	22.30	22.46	22.49		
10	64QAM	1	25	22.47	22.50	22.43	23.5	0.5
10	64QAM	1	49	22.45	22.55	22.51		
10	64QAM	25	0	21.50	21.67	21.54		
10	64QAM	25	12	21.33	21.50	21.50	22.5	1.5
10	64QAM	25	25	21.31	21.58	21.32		
10	64QAM	50	0	21.49	21.53	21.43		
10	256QAM	1	0	19.48	19.65	19.62		
10	256QAM	1	25	19.40	19.48	19.49	20.5	3.5
10	256QAM	1	49	19.29	19.56	19.36		
10	256QAM	25	0	19.48	19.51	19.41		
10	256QAM	25	12	19.37	19.46	19.44	20.5	3.5
10	256QAM	25	25	19.42	19.47	19.41		
10	256QAM	50	0	19.38	19.49	19.49		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.88	23.10	23.06	24	0
5	QPSK	1	12	22.76	22.89	22.94		
5	QPSK	1	24	22.77	23.01	22.78		
5	QPSK	12	0	22.92	23.00	22.86	24	0
5	QPSK	12	7	22.76	22.85	22.92		
5	QPSK	12	13	22.93	22.94	22.83		
5	QPSK	25	0	22.88	23.00	22.92		
5	16QAM	1	0	22.77	23.06	23.01	24	0
5	16QAM	1	12	22.75	22.88	22.93		
5	16QAM	1	24	22.63	22.84	22.74		
5	16QAM	12	0	22.43	22.60	22.46	23.5	0.5
5	16QAM	12	7	22.36	22.40	22.43		
5	16QAM	12	13	22.25	22.55	22.34		
5	16QAM	25	0	22.46	22.43	22.42		
5	64QAM	1	0	22.22	22.41	22.48		
5	64QAM	1	12	22.37	22.47	22.34	23.5	0.5
5	64QAM	1	24	22.39	22.51	22.42		
5	64QAM	12	0	21.40	21.56	21.47		
5	64QAM	12	7	21.23	21.40	21.42	22.5	1.5
5	64QAM	12	13	21.28	21.52	21.30		
5	64QAM	25	0	21.45	21.46	21.32		
5	256QAM	1	0	19.44	19.60	19.56		
5	256QAM	1	12	19.39	19.40	19.38	20.5	3.5
5	256QAM	1	24	19.22	19.47	19.26		
5	256QAM	12	0	19.41	19.42	19.37		
5	256QAM	12	7	19.34	19.38	19.32	20.5	3.5
5	256QAM	12	13	19.34	19.40	19.32		
5	256QAM	25	0	19.32	19.40	19.40		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				823.5	836.5	847.5		
3	QPSK	1	0	22.83	23.06	23.04	24	0
3	QPSK	1	8	22.75	22.88	22.99		
3	QPSK	1	14	22.75	23.03	22.77		
3	QPSK	8	0	22.89	23.01	22.85	24	0
3	QPSK	8	4	22.73	22.85	22.94		
3	QPSK	8	7	22.88	22.94	22.86		
3	QPSK	15	0	22.83	22.95	23.02		
3	16QAM	1	0	22.77	23.05	23.02	24	0
3	16QAM	1	8	22.78	22.90	22.90		
3	16QAM	1	14	22.67	22.84	22.77		
3	16QAM	8	0	22.45	22.59	22.45	23.5	0.5
3	16QAM	8	4	22.34	22.41	22.44		
3	16QAM	8	7	22.23	22.50	22.37		
3	16QAM	15	0	22.47	22.50	22.37		
3	64QAM	1	0	22.23	22.40	22.39	23.5	0.5
3	64QAM	1	8	22.43	22.44	22.38		
3	64QAM	1	14	22.35	22.49	22.42		
3	64QAM	8	0	21.48	21.63	21.53	22.5	1.5
3	64QAM	8	4	21.29	21.44	21.44		
3	64QAM	8	7	21.23	21.50	21.27		
3	64QAM	15	0	21.46	21.51	21.34		
3	256QAM	1	0	19.39	19.58	19.55	20.5	3.5
3	256QAM	1	8	19.35	19.37	19.43		
3	256QAM	1	14	19.19	19.47	19.34		
3	256QAM	8	0	19.41	19.41	19.35		
3	256QAM	8	4	19.26	19.41	19.40	20.5	3.5
3	256QAM	8	7	19.38	19.41	19.33		
3	256QAM	15	0	19.33	19.39	19.44		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.92	23.11	22.96	24	0
1.4	QPSK	1	3	22.76	22.92	23.00		
1.4	QPSK	1	5	22.79	23.04	22.76		
1.4	QPSK	3	0	22.87	23.03	22.88		
1.4	QPSK	3	1	22.79	22.94	22.91		
1.4	QPSK	3	3	22.91	22.96	22.83		
1.4	QPSK	6	0	22.82	22.96	23.00	24	0
1.4	16QAM	1	0	22.80	22.99	22.97	24	0
1.4	16QAM	1	3	22.76	22.92	22.90		
1.4	16QAM	1	5	22.65	22.91	22.74		
1.4	16QAM	3	0	22.47	22.61	22.48		
1.4	16QAM	3	1	22.35	22.37	22.47		
1.4	16QAM	3	3	22.49	22.84	22.37		
1.4	16QAM	6	0	22.45	22.45	22.40	23.5	0.5
1.4	64QAM	1	0	22.20	22.41	22.44	23.5	0.5
1.4	64QAM	1	3	22.36	22.40	22.41		
1.4	64QAM	1	5	22.42	22.38	22.47		
1.4	64QAM	3	0	22.20	22.36	22.39		
1.4	64QAM	3	1	22.45	22.41	22.39		
1.4	64QAM	3	3	22.36	22.47	22.43		
1.4	64QAM	6	0	21.47	21.46	21.40	22.5	1.5
1.4	256QAM	1	0	19.37	19.59	19.56	20.5	3.5
1.4	256QAM	1	3	19.31	19.41	19.42		
1.4	256QAM	1	5	19.22	19.51	19.32		
1.4	256QAM	3	0	19.44	19.47	19.37		
1.4	256QAM	3	1	19.29	19.39	19.34		
1.4	256QAM	3	3	19.39	19.38	19.34		
1.4	256QAM	6	0	19.33	19.46	19.43	20.5	3.5

Band 7 Ant1 Other PA DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.45	22.67	22.52	23.2	0
20	QPSK	1	49	22.39	22.47	22.39		
20	QPSK	1	99	22.47	22.51	22.30		
20	QPSK	50	0	22.40	22.58	22.37		
20	QPSK	50	24	22.43	22.56	22.36		
20	QPSK	50	50	22.47	22.48	22.45		
20	QPSK	100	0	22.41	22.42	22.32		
20	16QAM	1	0	22.41	22.62	22.44		
20	16QAM	1	49	22.37	22.43	22.37	23.2	0
20	16QAM	1	99	22.36	22.40	22.26		
20	16QAM	50	0	22.33	22.51	22.30		
20	16QAM	50	24	22.36	22.47	22.29	23.2	0
20	16QAM	50	50	22.37	22.40	22.43		
20	16QAM	100	0	22.31	22.32	22.21		
20	64QAM	1	0	22.42	22.62	22.43		
20	64QAM	1	49	22.30	22.44	22.34	23.2	0
20	64QAM	1	99	22.40	22.39	22.29		
20	64QAM	50	0	21.96	22.14	22.05		
20	64QAM	50	24	21.93	21.93	21.87	22.7	0.5
20	64QAM	50	50	21.93	22.00	21.88		
20	64QAM	100	0	21.95	22.12	21.91		
20	256QAM	1	0	20.00	20.21	20.04		
20	256QAM	1	49	19.93	19.96	19.88	20.7	2.5
20	256QAM	1	99	19.98	19.98	19.81		
20	256QAM	50	0	19.95	20.13	19.84		
20	256QAM	50	24	19.89	20.08	19.90	20.7	2.5
20	256QAM	50	50	20.01	19.96	20.00		
20	256QAM	100	0	19.92	19.89	19.81		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.39	22.63	22.43	23.2	0
15	QPSK	1	37	22.34	22.37	22.31		
15	QPSK	1	74	22.39	22.40	22.26		
15	QPSK	36	0	22.33	22.48	22.32		
15	QPSK	36	20	22.39	22.54	22.29	23.2	0
15	QPSK	36	39	22.38	22.42	22.35		
15	QPSK	75	0	22.34	22.31	22.28		
15	16QAM	1	0	22.39	22.58	22.37		
15	16QAM	1	37	22.31	22.42	22.27	23.2	0
15	16QAM	1	74	22.33	22.39	22.16		
15	16QAM	36	0	22.32	22.40	22.28		
15	16QAM	36	20	22.32	22.36	22.24	23.2	0
15	16QAM	36	39	22.30	22.30	22.39		
15	16QAM	75	0	22.23	22.25	22.17		
15	64QAM	1	0	22.36	22.55	22.34	23.2	0
15	64QAM	1	37	22.21	22.34	22.27		
15	64QAM	1	74	22.34	22.33	22.25		
15	64QAM	36	0	21.87	22.03	21.98		
15	64QAM	36	20	21.82	21.87	21.76	22.7	0.5
15	64QAM	36	39	21.87	21.98	21.83		
15	64QAM	75	0	21.91	22.08	21.87		
15	256QAM	1	0	19.96	20.12	19.95		
15	256QAM	1	37	19.84	19.89	19.81	20.7	2.5
15	256QAM	1	74	19.92	19.90	19.74		
15	256QAM	36	0	19.86	20.10	19.77		
15	256QAM	36	20	19.83	20.07	19.85	20.7	2.5
15	256QAM	36	39	19.95	19.88	19.98		
15	256QAM	75	0	19.84	19.84	19.71		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.37	22.61	22.46	23.2	0
10	QPSK	1	25	22.31	22.42	22.37		
10	QPSK	1	49	22.41	22.38	22.31		
10	QPSK	25	0	22.33	22.47	22.28		
10	QPSK	25	12	22.39	22.53	22.25	23.2	0
10	QPSK	25	25	22.41	22.43	22.36		
10	QPSK	50	0	22.32	22.37	22.26		
10	16QAM	1	0	22.39	22.59	22.40		

Band 17 Ant1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.39	24.57	24.50	25.5	0
10	QPSK	1	25	24.52	24.53	24.44		
10	QPSK	1	49	24.39	24.46	24.35		
10	QPSK	25	0	23.54	23.57	23.51	24.5	1
10	QPSK	25	12	23.41	23.52	23.45		
10	QPSK	25	25	23.40	23.48	23.42		
10	QPSK	50	0	23.48	23.50	23.44		
10	16QAM	1	0	23.69	23.75	23.72	24.5	1
10	16QAM	1	25	23.66	23.70	23.63		
10	16QAM	1	49	23.62	23.64	23.53		
10	16QAM	25	0	22.54	22.59	22.56	23.5	2
10	16QAM	25	12	22.40	22.48	22.46		
10	16QAM	25	25	22.45	22.51	22.46		
10	16QAM	50	0	22.47	22.57	22.55		
10	64QAM	1	0	22.54	22.64	22.55	23.5	2
10	64QAM	1	25	22.47	22.53	22.50		
10	64QAM	1	49	22.53	22.54	22.52		
10	64QAM	25	0	21.48	21.52	21.43	22.5	3
10	64QAM	25	12	21.38	21.47	21.39		
10	64QAM	25	25	21.36	21.47	21.42		
10	64QAM	50	0	21.54	21.56	21.54		
10	256QAM	1	0	19.50	19.57	19.50	20.5	5
10	256QAM	1	25	19.42	19.49	19.47		
10	256QAM	1	49	19.43	19.52	19.47		
10	256QAM	25	0	19.48	19.57	19.50	20.5	5
10	256QAM	25	12	19.37	19.47	19.44		
10	256QAM	25	25	19.46	19.53	19.44		
10	256QAM	50	0	19.53	19.56	19.50		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.37	24.50	24.46	25.5	0
5	QPSK	1	12	24.49	24.51	24.34		
5	QPSK	1	24	24.37	24.37	24.26		
5	QPSK	12	0	23.52	23.50	23.41	24.5	1
5	QPSK	12	7	23.33	23.42	23.39		
5	QPSK	12	13	23.39	23.43	23.36		
5	QPSK	25	0	23.44	23.43	23.38		
5	16QAM	1	0	23.61	23.64	23.65	24.5	1
5	16QAM	1	12	23.56	23.64	23.54		
5	16QAM	1	24	23.56	23.60	23.52		
5	16QAM	12	0	22.48	22.57	22.48	23.5	2
5	16QAM	12	7	22.33	22.37	22.41		
5	16QAM	12	13	22.44	22.48	22.41		
5	16QAM	25	0	22.46	22.55	22.50		
5	64QAM	1	0	22.50	22.61	22.49	23.5	2
5	64QAM	1	12	22.40	22.51	22.45		
5	64QAM	1	24	22.49	22.51	22.51		
5	64QAM	12	0	21.41	21.42	21.37	22.5	3
5	64QAM	12	7	21.29	21.44	21.28		
5	64QAM	12	13	21.31	21.41	21.35		
5	64QAM	25	0	21.44	21.47	21.48		
5	256QAM	1	0	19.43	19.54	19.48	20.5	5
5	256QAM	1	12	19.35	19.45	19.39		
5	256QAM	1	24	19.38	19.45	19.41		
5	256QAM	12	0	19.45	19.50	19.49	20.5	5
5	256QAM	12	7	19.36	19.45	19.35		
5	256QAM	12	13	19.39	19.43	19.34		
5	256QAM	25	0	19.48	19.50	19.44		

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BW [MHz]	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	24.49	24.54	24.45	25.5	0
15	QPSK	1	37	24.43	24.47	24.43		
15	QPSK	1	74	24.46	24.50	24.47		
15	QPSK	36	0	23.45	23.54	23.51	24.5	1
15	QPSK	36	20	23.40	23.51	23.41		
15	QPSK	36	39	23.34	23.45	23.38		
15	QPSK	75	0	23.55	23.57	23.52		
15	16QAM	1	0	23.46	23.57	23.56	24.5	1
15	16QAM	1	37	23.35	23.45	23.41		
15	16QAM	1	74	23.45	23.53	23.51		
15	16QAM	36	0	22.52	22.61	22.55	23.5	2
15	16QAM	36	20	22.56	22.58	22.52		
15	16QAM	36	39	22.48	22.55	22.52		
15	16QAM	75	0	22.49	22.54	22.47		
15	64QAM	1	0	22.51	22.57	22.52	23.5	2
15	64QAM	1	37	22.53	22.58	22.54		
15	64QAM	1	74	22.44	22.54	22.46		
15	64QAM	36	0	21.48	21.55	21.44	22.5	3
15	64QAM	36	20	21.44	21.50	21.47		
15	64QAM	36	39	21.50	21.53	21.45		
15	64QAM	75	0	21.42	21.50	21.42		
15	256QAM	1	0	19.45	19.51	19.45	20.5	5
15	256QAM	1	37	19.39	19.46	19.35		
15	256QAM	1	74	19.45	19.46	19.43		
15	256QAM	36	0	19.45	19.54	19.52	20.5	5
15	256QAM	36	20	19.38	19.44	19.35		
15	256QAM	36	39	19.38	19.47	19.42		
15	256QAM	75	0	19.34	19.43	19.36		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.45	24.45	24.44	25.5	0
10	QPSK	1	25	24.36	24.44	24.37		
10	QPSK	1	49	24.35	24.45	24.42		
10	QPSK	25	0	23.35	23.53	23.44	24.5	1
10	QPSK	25	12	23.32	23.44	23.35		
10	QPSK	25	25	23.30	23.39	23.32		
10	QPSK	50	0	23.46	23.56	23.48		
10	16QAM	1	0	23.45	23.56	23.48	24.5	1
10	16QAM	1	25	23.33	23.39	23.30		
10	16QAM	1	49	23.42	23.51	23.44		
10	16QAM	25	0	22.48	22.57	22.45	23.5	2
10	16QAM	25	12	22.55	22.49	22.47		
10	16QAM	25	25	22.43	22.49	22.42		
10	16QAM	50	0	22.46	22.49	22.37		
10	64QAM	1	0	22.41	22.50	22.49	23.5	2
10	64QAM	1	25	22.50	22.53	22.49		
10	64QAM	1	49	22.39	22.52	22.39		
10	64QAM	25	0	21.46	21.46	21.34	22.5	3
10	64QAM	25	12	21.42	21.44	21.48		
10	64QAM	25	25	21.48	21.42	21.37		
10	64QAM	50	0	21.33	21.39	21.39		
10	256QAM	1	0	19.43	19.43	19.43	20.5	5
10	256QAM	1	25	19.33	19.37	19.28		
10	256QAM	1	49	19.36	19.37	19.38		
10	256QAM	25	0	19.39	19.45	19.47	20.5	5
10	256QAM	25	12	19.33	19.36	19.29		
10	256QAM	25	25	19.28	19.37	19.40		
10	256QAM	50	0	19.26	19.39	19.31		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.47	24.45	24.41	25.5	0
5	QPSK	1	12	24.36	24.43	24.41		
5	QPSK	1	24	24.41	24.46	24.42		
5	QPSK	12	0	23.38	23.48	23.50	24.5	1
5	QPSK	12	7	23.37	23.44	23.38		
5	QPSK	12	13	23.31	23.40	23.34		
5	QPSK	25	0	23.47	23.47	23.51		
5	16QAM	1	0	23.41	23.52	23.53	24.5	1
5	16QAM	1	12	23.25	23.35	23.30		
5	16QAM	1	24	23.42	23.42	23.41		
5	16QAM	12	0	22.43	22.53	22.50	23.5	2
5	16QAM	12	7	22.50	22.55	22.43		
5	16QAM	12	13	22.44	22.54	22.44		
5	16QAM	25	0	22.41	22.44	22.37		
5	64QAM	1	0	22.45	22.50	22.47	23.5	2
5	64QAM	1	12	22.48	22.49	22.48		
5	64QAM	1	24	22.38	22.47	22.41		
5	64QAM	12	0	21.38	21.45	21.34	22.5	3
5	64QAM	12	7	21.42	21.42	21.45		
5	64QAM	12	13	21.49	21.50	21.38		
5	64QAM	25	0	21.34	21.40	21.40		
5	256QAM	1	0	19.42	19.41	19.39	20.5	5
5	256QAM	1	12	19.38	19.42	19.26		
5	256QAM	1	24	19.39	19.38	19.38		
5	256QAM	12	0	19.41	19.50	19.44	20.5	5
5	256QAM	12	7	19.30	19.36	19.30		
5	256QAM	12	13	19.36	19.37	19.32		
5	256QAM	25	0	19.31	19.33	19.28		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.40	24.53	24.36	25.5	0
3	QPSK	1	8	24.38	24.44	24.38		
3	QPSK	1	14	24.42	24.40	24.39		
3	QPSK	8	0	23.37	23.47	23.42	24.5	1
3	QPSK	8	4	23.32	23.49	23.30		
3	QPSK	8	7	23.33	23.40	23.29		
3	QPSK	15	0	23.51	23.54	23.43		
3	16QAM	1	0	23.43	23.46	23.46	24.5	1
3	16QAM	1	8	23.32	23.37	23.32		
3	16QAM	1	14	23.37	23.45	23.45		
3	16QAM	8	0	22.46	22.55	22.51	23.5	2
3	16QAM	8	4	22.50	22.48	22.42		
3	16QAM	8	7	22.41	22.49	22.51		
3	16QAM	15	0	22.39	22.52	22.36		
3	64QAM	1	0	22.41	22.46	22.44	23.5	2
3	64QAM	1	8	22.49	22.51	22.45		
3	64QAM	1	14	22.43	22.51	22.39		
3	64QAM	8	0	21.40	21.52	21.37	22.5	3
3	64QAM	8	4	21.34	21.40	21.39		
3	64QAM	8	7	21.41	21.46	21.42		
3	64QAM	15	0	21.35	21.41	21.38		
3	256QAM	1	0	19.41	19.45	19.36	20.5	5
3	256QAM	1	8	19.31	19.41	19.34		
3	256QAM	1	14	19.41	19.44	19.41		
3	256QAM	8	0	19.37	19.46	19.46	20.5	5
3	256QAM	8	4	19.28	19.35	19.34		
3	256QAM	8	7	19.33	19.46	19.40		
3	256QAM	15	0	19.23	19.38	19.32		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.38	24.52	24.35	25.5	0
1.4	QPSK	1	3	24.40	24.42	24.33		
1.4	QPSK	1	5	24.36	24.45	24.40		
1.4	QPSK	3	0	24.30	24.49	24.34		
1.4	QPSK	3	1	24.29	24.32	24.27		
1.4	QPSK	3	3	24.34	24.43	24.33		
1.4	QPSK	6	0	23.51	23.53	23.46	24.5	1
1.4	16QAM	1	0	23.42	23.48	23.48	24.5	1
1.4	16QAM	1	3	23.26	23.36	23.32		
1.4	16QAM	1	5	23.43	23.50	23.42		
1.4	16QAM	3	0	23.39	23.41	23.39		
1.4	16QAM	3	1	23.24	23.26	23.25		
1.4	16QAM	3	3	23.40	23.42	23.37		
1.4	16QAM	6	0	22.43	22.43	22.43	23.5	2
1.4	64QAM	1	0	22.42	22.48	22.44	23.5	2
1.4	64QAM	1	3	22.49	22.54	22.45		
1.4	64QAM	1	5	22.37	22.43	22.38		
1.4	64QAM	3	0	22.34	22.36	22.34		
1.4	64QAM	3	1	22.36	22.42	22.39		
1.4	64QAM	3	3	22.45	22.53	22.41		
1.4	64QAM	6	0	21.32	21.43	21.41	22.5	3
1.4	256QAM	1	0	19.35	19.42	19.40	20.5	5
1.4	256QAM	1	3	19.37	19.37	19.31		
1.4	256QAM	1	5	19.39	19.42	19.35		
1.4	256QAM	3	0	19.42	19.51	19.45		
1.4	256QAM	3	1	19.35	19.42	19.34		
1.4	256QAM	3	3	19.37	19.42	19.35		
1.4	256QAM	6	0	19.30	19.34	19.28	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.00	19.10	19.00	20.7	0
20	QPSK	1	49	18.88	18.90	18.83		
20	QPSK	1	99	18.89	19.04	18.83		
20	QPSK	50	0	18.86	19.05	18.97	20.7	0
20	QPSK	50	24	18.91	18.95	18.99		
20	QPSK	50	50	18.90	19.04	18.83		
20	QPSK	100	0	18.96	19.00	18.94		
20	16QAM	1	0	18.97	19.03	18.90	20.7	0
20	16QAM	1	49	18.80	18.86	18.73		
20	16QAM	1	99	18.82	19.02	18.82		
20	16QAM	50	0	18.80	19.01	18.87	20.7	0
20	16QAM	50	24	18.85	18.86	18.89		
20	16QAM	50	50	18.88	19.00	18.78		
20	16QAM	100	0	18.94	18.93	18.75	20.7	0
20	64QAM	1	0	18.93	19.04	18.93		
20	64QAM	1	49	18.78	18.83	18.81		
20	64QAM	1	99	18.86	18.95	18.76		
20	64QAM	50	0	18.76	18.95	18.91	20.7	0
20	64QAM	50	24	18.80	18.85	18.92		
20	64QAM	50	50	18.86	19.00	18.79		
20	64QAM	100	0	18.95	18.98	18.74		
20	256QAM	1	0	17.03	17.11	17.01	18.7	2
20	256QAM	1	49	16.87	16.92	16.79		
20	256QAM	1	99	16.93	17.04	16.78		
20	256QAM	50	0	16.84	17.00	16.94	18.7	2
20	256QAM	50	24	16.96	16.99	16.99		
20	256QAM	50	50	16.86	17.09	16.80		
20	256QAM	100	0	16.91	17.00	16.86		
Channel				132047	4	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.97	19.02	18.91	20.7	0
15	QPSK	1	37	18.85	18.86	18.74		
15	QPSK	1	74	18.83	19.00	18.82		
15	QPSK	36	0	18.84	18.97	18.87	20.7	0
15	QPSK	36	20	18.82	18.94	18.90		
15	QPSK	36	39	18.82	19.00	18.76		
15	QPSK	75	0	18.85	18.97	18.74		
15	16QAM	1	0	18.95	18.93	18.83	20.7	0
15	16QAM	1	37	18.72	18.79	18.80		
15	16QAM	1	74	18.76	18.92	18.76		
15	16QAM	36	0	18.77	18.90	18.86	20.7	0
15	16QAM	36	20	18.79	18.78	18.80		
15	16QAM	36	39	18.79	18.98	18.71		
15	16QAM	75	0	18.89	18.85	18.74		
15	64QAM	1	0	18.91	18.94	18.89	20.7	0
15	64QAM	1	37	18.90	18.77	18.71		
15	64QAM	1	74	18.80	18.90	18.90		
15	64QAM	36	0	18.77	18.90	18.87	20.7	0
15	64QAM	36	20	18.71	18.83	18.88		
15	64QAM	36	39	18.75	18.98	18.74		
15	64QAM	75	0	18.89	18.87	18.66		
15	256QAM	1	0	17.00	17.04	16.97	18.7	2
15	256QAM	1	37	16.83	16.90	16.72		
15	256QAM	1	74	16.88	16.98	16.70		
15	256QAM	36	0	16.83	16.94	16.91	18.7	2
15	256QAM	36	20	16.93	16.90	16.97		
15	256QAM	36	39	16.79	17.04	16.79		
15	256QAM	75	0	16.85	16.93	16.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.96	19.05	18.94	20.7	0
10	QPSK	1	25	18.84	18.87	18.75		
10	QPSK	1	49	18.88	18.99	18.80		
10	QPSK	25	0	18.79	19.02	18.86	20.7	0
10	QPSK	25	12	18.83	18.93	18.95		
10	QPSK	25	25	18.88	19.03	18.76		
10	QPSK	50	0	18.86	18.98	18.81		
10	16QAM	1	0	18.96	18.93	18.88	20.7	0
10	16QAM	1	25	18.77	18.76	19.00		
10	16QAM	1	49	18.74	18.93	18.74		
10	16QAM	25	0	18.71	18.97	18.81	20.7	0
10	16QAM	25	12	18.79	18.79	18.85		
10	16QAM	25	25	18.84	18.95	18.71		
10	16QAM	50	0	18.89	18.91	18.71		
10	64QAM	1	0	18.86	19.00	18.84	20.7	0
10	64QAM	1	25	18.75	18.79	18.78		
10	64QAM	1	49	18.80	18.86	18.75		
10	64QAM	25	0	18.75	18.88	18.85	20.7	0
10	64QAM	25	12	18.76	18.83	18.86		
10	64QAM	25	25	18.78	18.94	18.74		
10	64QAM	50	0	18.86	18.93	18.66		
10	256QAM	1	0	16.94	17.04	16.91	18.7	2
10	256QAM	1	25	16.80	16.87	16.70		
10	256QAM	1	49	16.84	16.95	16.70		
10	256QAM	25	0	16.78	16.97	16.88	18.7	2
10	256QAM	25	12	16.92	16.96	16.95		
10	256QAM	25	25	16.83	17.00	16.69		
10	256QAM	50	0	16.89	16.98	16.81		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.94	18.99	18.98	20.7	0
5	QPSK	1	12	18.81	18.79	18.78		
5	QPSK	1	24	18.86	18.94	18.80		
5	QPSK	12	0	18.80	18.98	18.87	20.7	0
5	QPSK	12	7	18.90	18.93	18.96		
5	QPSK	12	13	18.86	18.94	18.80		
5	QPSK	25	0	18.88	18.97	18.77		
5	16QAM	1	0	18.91	18.98	18.85	20.7	0
5	16QAM	1	12	18.76	18.75	19.00		
5	16QAM	1	24	18.80	19.00	18.73		
5	16QAM	12	0	18.74	19.00	18.84	20.7	0
5	16QAM	12	7	18.81	18.85	18.87		
5	16QAM	12	13	18.84	18.92	18.95		
5	16QAM	25	0	18.91	18.86	18.85		
5	64QAM	1	0	18.85	18.95	18.86	20.7	0
5	64QAM	1	12	18.70	18.78	18.75		
5	64QAM	1	24	18.75	18.88	18.73		
5	64QAM	12	0	18.85	18.86	18.84	20.7	0
5	64QAM	12	7	18.74	18.74	18.81		
5	64QAM	12	13	18.84	18.97	18.73		
5	64QAM	25	0	18.91	18.97	18.72		
5	256QAM	1	0	16.93	17.05	16.94	18.7	2
5	256QAM	1	12	16.83	16.81	16.71		
5	256QAM	1	24	16.90	17.00	16.81		
5	256QAM	12	0	16.80	16.97	16.91	18.7	2
5	256QAM	12	7	16.93	16.90	16.97		
5	256QAM	12	13	16.84	17.02	16.72		
5	256QAM	25	0	16.88	16.98	16.75		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.92	19.07	18.94	20.7	0
3	QPSK	1	8	18.79	18.81	18.77		
3	QPSK	1	14	18.81	18.97	18.82		
3	QPSK	8	0	18.83	19.02	18.96	20.7	0
3	QPSK	8	4	18.80	18.87	18.94		
3	QPSK	8	7	18.79	18.94	18.73		
3	QPSK	15	0	18.88	18.94	18.75	20.7	0
3	16QAM	1	0	18.95	18.98	18.87		
3	16QAM	1	8	18.73	18.79	18.89		
3	16QAM	1	14	18.73	19.01	18.80		
3	16QAM	8	0	18.79	18.94	18.83	20.7	0
3	16QAM	8	4	18.79	18.76	18.79		
3	16QAM	8	7	18.85	18.98	18.75		
3	16QAM	15	0	18.85	18.91	18.70	20.7	0
3	64QAM	1	0	18.82	18.97	18.82		
3	64QAM	1	8	18.73	18.78	18.72		
3	64QAM	1	14	18.78	18.84	18.71		
3	64QAM	8	0	18.89	18.90	18.85	20.7	0
3	64QAM	8	4	18.77	18.84	18.86		
3	64QAM	8	7	18.78	18.91	18.71		
3	64QAM	15	0	18.92	18.89	18.68	20.7	0
3	256QAM	1	0	16.97	17.08	16.92	18.7	2
3	256QAM	1	8	16.78	16.89	16.74		
3	256QAM	1	14	16.89	17.00	16.73		
3	256QAM	8	0	16.77	16.91	16.87	18.7	2
3	256QAM	8	4	16.94	16.97	16.90		
3	256QAM	8	7	16.77	17.06	16.73		
3	256QAM	15	0	16.82	16.96	16.83	18.7	2
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.92	19.05	18.89	20.7	0
1.4	QPSK	1	3	18.85	18.86	18.77		
1.4	QPSK	1	5	18.78	18.94	18.78		
1.4	QPSK	3	0	18.80	18.95	18.95		
1.4	QPSK	3	1	18.84	18.88	18.92		
1.4	QPSK	3	3	18.81	18.95	18.76		
1.4	QPSK	6	0	18.68	18.93	18.75	20.7	0
1.4	16QAM	1	0	18.90	18.96	18.85	20.7	0
1.4	16QAM	1	3	18.73	18.77	18.71		
1.4	16QAM	1	5	18.77	18.97	18.72		
1.4	16QAM

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.08	23.24	22.93	23.7	0
20	QPSK	1	49	23.02	23.00	22.95		
20	QPSK	1	99	23.03	23.09	23.07		
20	QPSK	50	0	23.07	23.15	23.06	23.7	0
20	QPSK	50	24	22.90	23.05	22.91		
20	QPSK	50	50	23.06	23.06	22.97		
20	QPSK	100	0	23.05	23.06	22.97		
20	16QAM	1	0	23.00	23.19	22.84	23.7	0
20	16QAM	1	49	22.96	22.95	22.85		
20	16QAM	1	99	22.95	23.02	23.00		
20	16QAM	50	0	23.05	23.09	23.02	23.7	0
20	16QAM	50	24	22.87	22.95	22.89		
20	16QAM	50	50	22.96	23.00	22.94		
20	16QAM	100	0	22.99	22.98	22.87		
20	64QAM	1	0	23.03	23.20	22.90	23.7	0
20	64QAM	1	49	22.95	22.99	22.87		
20	64QAM	1	99	22.96	22.98	23.03		
20	64QAM	50	0	21.08	21.23	20.95	22.7	1
20	64QAM	50	24	20.99	20.99	20.93		
20	64QAM	50	50	21.04	21.10	21.10		
20	64QAM	100	0	21.07	21.12	21.04		
20	256QAM	1	0	20.11	20.26	19.89	20.7	3
20	256QAM	1	49	20.00	20.01	19.97		
20	256QAM	1	99	20.08	20.08	20.06		
20	256QAM	50	0	20.11	20.12	20.02	20.7	3
20	256QAM	50	24	19.91	20.09	19.93		
20	256QAM	50	50	20.01	20.08	19.99		
20	256QAM	100	0	20.04	20.03	19.95		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.07	23.19	22.91	23.7	0
15	QPSK	1	37	22.92	22.92	22.92		
15	QPSK	1	74	22.99	23.03	23.03		
15	QPSK	36	0	23.02	23.07	23.02	23.7	0
15	QPSK	36	20	22.89	23.01	22.84		
15	QPSK	36	39	22.96	22.99	22.88		
15	QPSK	75	0	22.98	22.99	22.89		
15	16QAM	1	0	22.96	23.16	22.80	23.7	0
15	16QAM	1	37	22.93	22.88	22.74		
15	16QAM	1	74	22.91	22.96	22.92		
15	16QAM	36	0	22.96	23.00	23.00	23.7	0
15	16QAM	36	20	22.78	22.84	22.83		
15	16QAM	36	39	22.95	22.89	22.87		
15	16QAM	75	0	22.95	22.90	22.83		
15	64QAM	1	0	23.01	23.14	22.80	23.7	0
15	64QAM	1	37	22.92	22.95	22.80		
15	64QAM	1	74	22.93	22.94	23.00		
15	64QAM	36	0	21.05	21.13	20.86	22.7	1
15	64QAM	36	20	20.89	20.96	20.86		
15	64QAM	36	39	20.97	21.00	21.06		
15	64QAM	75	0	21.03	21.03	21.01		
15	256QAM	1	0	20.01	20.16	19.87	20.7	3
15	256QAM	1	37	19.92	19.94	19.95		
15	256QAM	1	74	20.07	20.03	20.00		
15	256QAM	36	0	20.06	20.11	19.92	20.7	3
15	256QAM	36	20	19.86	19.99	19.88		
15	256QAM	36	39	19.99	20.00	19.91		
15	256QAM	75	0	20.01	19.95	19.92		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.02	23.18	22.90	23.7	0
10	QPSK	1	25	22.93	22.96	22.93		
10	QPSK	1	49	22.96	23.01	22.99		
10	QPSK	25	0	23.00	23.09	23.05	23.7	0
10	QPSK	25	12	22.80	23.03	22.85		
10	QPSK	25	25	23.05	22.97	22.89		
10	QPSK	50	0	23.03	23.04	22.94		
10	16QAM	1	0	22.97	23.12	22.81	23.7	0
10	16QAM	1	25	22.92	22.85	22.80		
10	16QAM	1	49	22.92	22.95	22.91		
10	16QAM	25	0	22.98	23.07	22.99	23.7	0
10	16QAM	25	12	22.81	22.85	22.80		
10	16QAM	25	25	22.89	22.95	22.92		
10	16QAM	50	0	22.89	22.96	22.86		
10	64QAM	1	0	22.98	23.09	22.85	23.7	0
10	64QAM	1	25	22.84	22.91	22.81		
10	64QAM	1	49	22.89	22.94	22.98		
10	64QAM	25	0	21.05	21.15	20.89	22.7	1
10	64QAM	25	12	20.93	20.97	20.87		
10	64QAM	25	25	20.96	21.00	21.03		
10	64QAM	50	0	20.99	21.03	20.97		
10	256QAM	1	0	20.06	20.22	19.83	20.7	3
10	256QAM	1	25	19.91	19.90	19.86		
10	256QAM	1	49	19.99	19.97	19.98		
10	256QAM	25	0	20.10	20.06	19.99	20.7	3
10	256QAM	25	12	19.90	20.05	19.86		
10	256QAM	25	25	19.98	20.06	19.96		
10	256QAM	50	0	19.96	20.02	19.87		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.01	23.16	22.88	23.7	0
5	QPSK	1	12	23.00	22.92	22.87		
5	QPSK	1	24	22.96	23.00	22.98		
5	QPSK	12	0	23.05	23.11	23.01	23.7	0
5	QPSK	12	7	22.87	22.97	22.82		
5	QPSK	12	13	23.00	22.95	22.94		
5	QPSK	25	0	22.97	22.97	22.94		
5	16QAM	1	0	22.95	23.11	22.78	23.7	0
5	16QAM	1	12	22.88	22.92	22.81		
5	16QAM	1	24	22.85	22.92	22.98		
5	16QAM	12	0	23.01	23.00	22.95	23.7	0
5	16QAM	12	7	22.86	22.89	22.80		
5	16QAM	12	13	22.86	22.94	22.90		
5	16QAM	25	0	22.95	22.89	22.84		
5	64QAM	1	0	23.01	23.18	22.79	23.7	0
5	64QAM	1	12	22.87	22.90	22.80		
5	64QAM	1	24	22.90	22.87	22.94		
5	64QAM	12	0	20.98	21.14	20.85	22.7	1
5	64QAM	12	7	20.91	20.96	20.92		
5	64QAM	12	13	20.97	21.06	21.01		
5	64QAM	25	0	21.02	21.10	20.93		
5	256QAM	1	0	20.05	20.18	19.83	20.7	3
5	256QAM	1	12	19.95	19.93	19.92		
5	256QAM	1	24	20.00	20.04	20.01		
5	256QAM	12	0	20.08	20.08	20.00	20.7	3
5	256QAM	12	7	19.82	19.99	19.87		
5	256QAM	12	13	19.96	19.97	19.96		
5	256QAM	25	0	19.95	19.93	19.90		

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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	23.02	23.09	23.25	22.74	22.70	23.7	0
20	QPSK	1	49	23.10	22.99	23.08	23.01	23.06		
20	QPSK	1	99	23.13	23.02	23.12	23.11	23.06		
20	QPSK	50	0	23.09	23.12	23.23	23.08	23.08	23.7	0
20	QPSK	50	24	23.02	23.10	23.05	23.04	23.06		
20	QPSK	50	50	22.99	23.01	23.21	23.07	23.08		
20	QPSK	100	0	23.16	22.98	23.20	23.13	23.01		
20	16QAM	1	0	22.95	23.01	23.21	22.65	22.65	23.7	0
20	16QAM	1	49	23.05	22.94	23.04	22.99	22.97		
20	16QAM	1	99	23.08	22.94	23.03	23.01	22.96		
20	16QAM	50	0	23.07	23.11	23.12	23.01	23.05	23.7	0
20	16QAM	50	24	23.00	23.08	22.94	22.98	22.99		
20	16QAM	50	50	22.88	22.95	23.20	22.99	23.06		
20	16QAM	100	0	23.15	22.88	23.13	23.11	22.91		
20	64QAM	1	0	23.01	23.06	23.21	22.72	22.66	23.7	0
20	64QAM	1	49	23.08	22.97	22.99	23.00	22.98		
20	64QAM	1	99	23.09	22.98	23.06	23.03	23.03		
20	64QAM	50	0	22.06	22.13	22.28	21.73	21.71	22.7	1
20	64QAM	50	24	22.14	21.95	22.07	22.00	22.08		
20	64QAM	50	50	22.15	22.07	22.12	22.10	22.04		
20	64QAM	100	0	22.10	22.09	22.28	22.08	22.05		
20	256QAM	1	0	20.00	20.05	20.29	19.71	19.70	20.7	3
20	256QAM	1	49	20.06	19.99	20.03	20.00	20.06		
20	256QAM	1	99	20.16	20.03	20.17	20.13	20.02		
20	256QAM	50	0	20.11	20.11	20.20	20.04	20.12	20.7	3
20	256QAM	50	24	20.07	20.12	20.06	20.05	20.07		
20	256QAM	50	50	19.96	19.97	20.22	20.09	20.05		
20	256QAM	100	0	20.16	19.94	20.16	20.17	20.05		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.01	22.99	23.15	22.70	22.59	24	0
15	QPSK	1	37	23.01	22.95	23.02	22.94	22.99		
15	QPSK	1	74	23.04	22.93	23.11	23.05	23.03		
15	QPSK	36	0	23.05	23.07	23.18	22.99	23.01	23.7	0
15	QPSK	36	20	22.98	23.04	22.95	23.01	22.98		
15	QPSK	36	39	22.97	22.98	23.17	22.98	23.03		
15	QPSK	75	0	23.12	22.97	23.10	23.05	22.93		
15	16QAM	1	0	22.88	22.99	23.20	22.56	22.59	23.7	0
15	16QAM	1	37	23.03	22.92	22.93	22.90	22.93		
15	16QAM	1	74	23.00	22.90	23.01	22.99	22.89		
15	16QAM	36	0	23.04	23.09	23.10	22.95	22.96	23.7	0
15	16QAM	36	20	22.98	23.02	22.88	22.88	22.89		
15	16QAM	36	39	22.80	22.87	23.17	22.88	22.97		
15	16QAM	75	0	23.13	22.85	23.07	23.10	22.86		
15	64QAM	1	0	22.99	22.96	23.15	22.66	22.56	23.7	0
15	64QAM	1	37	23.04	22.92	22.89	22.97	22.92		
15	64QAM	1	74	23.01	22.91	23.04	22.99	22.99		
15	64QAM	36	0	22.05	22.12	22.20	21.66	21.64	22.7	1
15	64QAM	36	20	22.04	21.93	22.01	21.97	22.03		
15	64QAM	36	39	22.07	22.05	22.03	22.06	21.96		
15	64QAM	75	0	22.03	22.06	22.18	22.01	22.01		
15	256QAM	1	0	19.90	19.95	20.19	19.67	19.61	20.7	3
15	256QAM	1	37	20.00	19.95	19.93	19.95	20.05		
15	256QAM	1	74	20.09	20.00	20.15	20.07	19.95		
15	256QAM	36	0	20.07	20.00	20.14	20.00	20.06	20.7	3
15	256QAM	36	20	20.00	20.09	20.02	20.00	20.00		
15	256QAM	36	39	19.94	19.94	20.13	20.05	19.96		
15	256QAM	75	0	20.05	19.93	20.15	20.13	19.99		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.92	23.07	23.20	22.69	22.64	24	0
10	QPSK	1	25	23.06	22.95	23.02	22.99	22.96		
10	QPSK	1	49	23.11	23.00	23.02	23.07	22.98		
10	QPSK	25	0	23.08	23.08	23.21	23.01	23.03	23.7	0
10	QPSK	25	12	23.01	23.07	23.00	22.98	23.00		
10	QPSK	25	25	22.91	23.00	23.13	22.99	22.98		
10	QPSK	50	0	23.05	22.88	23.12	23.06	22.95		
10	16QAM	1	0	22.91	22.94	23.17	22.61	22.59	23.7	0
10	16QAM	1	25	22.94	22.91	22.98	22.88	22.92		
10	16QAM	1	49	23.03	22.91	22.93	22.94	22.95		
10	16QAM	25	0	23.01	23.09	23.02	22.94	22.98	23.7	0
10	16QAM	25	12	22.90	22.99	22.84	22.90	22.94		
10	16QAM	25	25	22.78	22.84	23.15	22.95	23.03		
10	16QAM	50	0	23.08	22.82	23.10	23.08	22.82		
10	64QAM	1	0	22.96	22.98	23.12	22.64	22.62	23.7	0
10	64QAM	1	25	23.01	22.93	22.94	22.91	22.96		
10	64QAM	1	49	23.06	22.94	23.05	23.00	22.97		
10	64QAM	25	0	21.98	22.09	22.25	21.68	21.60	22.7	1
10	64QAM	25	12	22.12	21.88	22.04	21.93	22.01		
10	64QAM	25	25	22.05	22.03	22.02	22.06	21.95		
10	64QAM	50	0	22.04	22.01	22.18	22.03	21.99		
10	256QAM	1	0	19.93	19.96	20.25	19.63	19.66	20.7	3
10	256QAM	1	25	20.01	19.88	19.93	19.97	19.95		
10	256QAM	1	49	20.14	20.01	20.13	20.12	19.94		
10	256QAM	25	0	20.07	20.05	20.14	20.00	20.05	20.7	3
10	256QAM	25	12	19.99	20.05	19.95	19.96	20.04		
10	256QAM	25	25	19.89	19.87	20.20	20.07	19.96		
10	256QAM	50	0	20.13	19.92	20.08	20.07	19.96		
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	22.94	23.04	23.23	22.65	22.68	24	0
5	QPSK	1	12	23.00	22.94	22.98	22.99	23.05		
5	QPSK	1	24	23.08	22.94	23.01	23.08	22.96		
5	QPSK	12	0	23.00	23.08	23.18	23.06	22.98	23.7	0
5	QPSK	12	7	22.95	23.02	22.95	22.99	22.99		
5	QPSK	12	13	22.96	22.97	23.18	22.96	22.98		
5	QPSK	25	0	23.09	22.91	23.14	23.03	22.93		
5	16QAM	1	0	22.90	22.95	23.13	22.57	22.58	23.7	0
5	16QAM	1	12	22.97	22.91	22.98	22.92	22.88		
5	16QAM	1	24	22.98	22.84	23.00	22.91	22.87		
5	16QAM	12	0	22.99	23.03	23.01	22.93	23.02	23.7	0
5	16QAM	12	7	22.96	22.99	22.88	22.92	22.95		
5	16QAM	12	13	22.79	22.87	23.13	22.97	23.02		
5	16QAM	25	0	23.13	22.80	23.08	23.06	22.82		
5	64QAM	1	0	22.99	23.03	23.15	22.70	22.60	23.7	0
5	64QAM	1	12	22.99	22.95	22.90	22.98	22.89		
5	64QAM	1	24	23.02	22.95	23.01	23.01	22.97		
5	64QAM	12	0	22.04	22.10	22.24	21.66	21.65	22.7	1
5	64QAM	12	7	22.08	21.85	21.99	21.89	22.02		
5	64QAM	12	13	22.09	21.97	22.04	22.06	21.96		
5	64QAM	25	0	22.02	22.07	22.20	22.06	21.95		
5	256QAM	1	0	19.93	19.97	20.21	19.67	19.69	20.7	3
5	256QAM	1	12	19.98	19.91	20.01	19.92	19.99		
5	256QAM	1	24	20.09	19.92	20.14	20.06	19.97		
5	256QAM	12	0	20.07	20.02	20.10	20.01	20.08	20.7	3
5	256QAM	12	7	20.02	20.03	19.98	20.00	20.01		
5	256QAM	12	13	19.94	19.88	20.20	19.98	19.96		
5	256QAM	25	0	20.06	19.89	20.09	20.10	19.95		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.60	20.85	20.64	22.5	0
20	QPSK	1	49	20.70	20.69	20.70		
20	QPSK	1	99	20.60	20.76	20.81		
20	QPSK	50	0	20.59	20.81	20.79	22.5	0
20	QPSK	50	24	20.66	20.78	20.78		
20	QPSK	50	50	20.64	20.70	20.74		
20	QPSK	100	0	20.61	20.79	20.78		
20	16QAM	1	0	20.51	20.79	20.59	22.5	0
20	16QAM	1	49	20.62	20.65	20.65		
20	16QAM	1	99	20.51	20.68	20.79		
20	16QAM	50	0	19.58	19.82	19.61	21.5	1
20	16QAM	50	24	19.67	19.68	19.71		
20	16QAM	50	50	19.57	19.80	19.77		
20	16QAM	100	0	19.62	19.78	19.74		
20	64QAM	1	0	19.63	19.74	19.74	21.5	1
20	64QAM	1	49	19.63	19.71	19.71		
20	64QAM	1	99	19.57	19.77	19.82		
20	64QAM	50	0	18.58	18.89	18.61	20.5	2
20	64QAM	50	24	18.71	18.67	18.68		
20	64QAM	50	50	18.61	18.75	18.81		
20	64QAM	100	0	18.58	18.81	18.77		
20	256QAM	1	0	16.64	16.89	16.60	18.5	4
20	256QAM	1	49	16.73	16.67	16.66		
20	256QAM	1	99	16.58	16.76	16.79		
20	256QAM	50	0	16.60	16.84	16.80	18.5	4
20	256QAM	50	24	16.67	16.81	16.81		
20	256QAM	50	50	16.64	16.73	16.76		
20	256QAM	100	0	16.64	16.79	16.83		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.57	20.79	20.57	22.5	0
15	QPSK	1	37	20.64	20.59	20.60		
15	QPSK	1	74	20.53	20.73	20.75		
15	QPSK	36	0	20.55	20.74	20.78	22.5	0
15	QPSK	36	20	20.57	20.71	20.77		
15	QPSK	36	39	20.54	20.69	20.67		
15	QPSK	75	0	20.59	20.68	20.73		
15	16QAM	1	0	20.53	20.78	20.53	22.5	0
15	16QAM	1	37	20.53	20.59	20.63		
15	16QAM	1	74	20.53	20.63	20.74		
15	16QAM	36	0	19.50	19.78	19.51	21.5	1
15	16QAM	36	20	19.65	19.66	19.67		
15	16QAM	36	39	19.50	19.70	19.69		
15	16QAM	75	0	19.59	19.72	19.64		
15	64QAM	1	0	19.55	19.72	19.71	21.5	1
15	64QAM	1	37	19.59	19.62	19.64		
15	64QAM	1	74	19.52	19.69	19.79		
15	64QAM	36	0	18.52	18.79	18.57	20.5	2
15	64QAM	36	20	18.70	18.62	18.62		
15	64QAM	36	39	18.52	18.72	18.76		
15	64QAM	75	0	18.52	18.73	18.70		
15	256QAM	1	0	16.60	16.86	16.56	18.5	4
15	256QAM	1	37	16.72	16.58	16.55		
15	256QAM	1	74	16.63	16.71	16.72		
15	256QAM	36	0	16.58	16.78	16.72	18.5	4
15	256QAM	36	20	16.63	16.72	16.75		
15	256QAM	36	39	16.55	16.65	16.69		
15	256QAM	75	0	16.63	16.75	16.73		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.53	20.75	20.56	22.5	0
10	QPSK	1	25	20.60	20.62	20.63		
10	QPSK	1	49	20.54	20.67	20.74		
10	QPSK	25	0	20.55	20.74	20.70	22.5	0
10	QPSK	25	12	20.60	20.72	20.69		
10	QPSK	25	25	20.62	20.65	20.73		
10	QPSK	50	0	20.55	20.72	20.69		
10	16QAM	1	0	20.55	20.77	20.54	22.5	0
10	16QAM	1	25	20.51	20.60	20.55		
10	16QAM	1	49	20.55	20.66	20.78		
10	16QAM	25	0	19.55	19.78	19.58	21.5	1
10	16QAM	25	12	19.57	19.63	19.70		
10	16QAM	25	25	19.52	19.77	19.71		
10	16QAM	50	0	19.53	19.75	19.67		
10	64QAM	1	0	19.53	19.68	19.67	21.5	1
10	64QAM	1	25	19.59	19.68	19.65		
10	64QAM	1	49	19.51	19.69	19.79		
10	64QAM	25	0	18.53	18.87	18.56	20.5	2
10	64QAM	25	12	18.66	18.63	18.57		
10	64QAM	25	25	18.50	18.65	18.78		
10	64QAM	50	0	18.50	18.75	18.74		
10	256QAM	1	0	16.59	16.81	16.57	18.5	4
10	256QAM	1	25	16.63	16.57	16.61		
10	256QAM	1	49	16.55	16.69	16.75		
10	256QAM	25	0	16.51	16.82	16.69	18.5	4
10	256QAM	25	12	16.62	16.78	16.76		
10	256QAM	25	25	16.56	16.71	16.73		
10	256QAM	50	0	16.61	16.75	16.78		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.51	20.74	20.62	22.5	0
5	QPSK	1	12	20.66	20.65	20.59		
5	QPSK	1	24	20.56	20.73	20.78		
5	QPSK	12	0	20.56	20.80	20.70	22.5	0
5	QPSK	12	7	20.60	20.75	20.69		
5	QPSK	12	13	20.56	20.68	20.64		
5	QPSK	25	0	20.59	20.78	20.71		
5	16QAM	1	0	20.56	20.71	20.56	22.5	0
5	16QAM	1	12	20.59	20.62	20.57		
5	16QAM	1	24	20.56	20.65	20.74		
5	16QAM	12	0	20.56	19.74	19.58	21.5	1
5	16QAM	12	7	19.64	19.61	19.70		
5	16QAM	12	13	19.54	19.77	19.66		
5	16QAM	25	0	19.57	19.77	19.68		
5	64QAM	1	0	19.53	19.67	19.67	21.5	1
5	64QAM	1	12	19.58	19.68	19.69		
5	64QAM	1	24	19.52	19.73	19.77		
5	64QAM	12	0	18.54	18.79	18.56	20.5	2
5	64QAM	12	7	18.65	18.60	18.67		
5	64QAM	12	13	18.52	18.65	18.75		
5	64QAM	25	0	18.65	18.77	18.73		
5	256QAM	1	0	16.58	16.85	16.58	18.5	4
5	256QAM	1	12	16.72	16.61	16.61		
5	256QAM	1	24	16.53	16.73	16.72		
5	256QAM	12	0	16.55	16.73	16.78	18.5	4
5	256QAM	12	7	16.63	16.79	16.71		
5	256QAM	12	13	16.57	16.71	16.74		
5	256QAM	25	0	16.63	16.73	16.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.05	22.19	22.01	22.15	23.8	0
20	QPSK	1	49	22.09	22.17	22.12	22.15		
20	QPSK	1	99	22.09	22.15	22.09	22.10		
20	QPSK	50	0	21.13	21.31	21.12	21.16	22.8	1
20	QPSK	50	24	21.08	21.23	21.11	21.12		
20	QPSK	50	50	21.08	21.16	21.07	21.12		
20	QPSK	100	0	21.00	21.07	20.97	20.97		
20	16QAM	1	0	21.04	21.12	21.08	21.06	22.8	1
20	16QAM	1	49	21.11	21.14	21.03	21.08		
20	16QAM	1	99	21.17	21.19	21.17	21.17		
20	16QAM	50	0	20.14	20.22	20.16	20.16	21.8	2
20	16QAM	50	24	20.12	20.16	20.05	20.15		
20	16QAM	50	50	20.19	20.23	20.17	20.13		
20	16QAM	100	0	20.17	20.18	20.13	20.10		
20	64QAM	1	0	20.08	20.18	20.10	20.15	21.8	2
20	64QAM	1	49	20.22	20.24	20.14	20.20		
20	64QAM	1	99	20.18	20.21	20.14	20.14		
20	64QAM	50	0	19.18	19.24	19.15	19.14	20.8	3
20	64QAM	50	24	19.08	19.17	19.13	19.10		
20	64QAM	50	50	19.12	19.17	19.09	19.06		
20	64QAM	100	0	19.09	19.18	19.14	19.12		
20	256QAM	1	0	17.17	17.23	17.17	17.14	18.8	5
20	256QAM	1	49	17.16	17.21	17.11	17.12		
20	256QAM	1	99	17.14	17.22	17.12	17.11		
20	256QAM	50	0	17.15	17.18	17.09	17.11	18.8	5
20	256QAM	50	24	17.18	17.20	17.19	17.19		
20	256QAM	50	50	17.10	17.15	17.06	17.13		
20	256QAM	100	0	17.10	17.16	17.12	17.13		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.97	22.12	21.93	22.10	23.8	0
15	QPSK	1	37	22.00	22.06	22.03	22.12		
15	QPSK	1	74	22.02	22.09	22.05	22.04		
15	QPSK	36	0	21.03	21.12	21.06	21.12	22.8	1
15	QPSK	36	20	21.07	21.13	21.06	21.04		
15	QPSK	36	39	20.98	21.05	21.03	21.07		
15	QPSK	75	0	20.99	21.00	20.91	20.89		
15	16QAM	1	0	20.97	21.03	21.01	21.00	22.8	1
15	16QAM	1	37	21.06	21.03	20.93	20.98		
15	16QAM	1	74	21.15	21.11	21.06	21.14		
15	16QAM	36	0	20.05	20.20	20.10	20.10	21.8	2
15	16QAM	36	20	20.09	20.14	19.95	20.07		
15	16QAM	36	39	20.09	20.21	20.12	20.06		
15	16QAM	75	0	20.06	20.16	20.10	20.05		
15	64QAM	1	0	20.01	20.08	20.08	20.10	21.8	2
15	64QAM	1	37	20.12	20.18	20.09	20.15		
15	64QAM	1	74	20.11	20.19	20.12	20.05		
15	64QAM	36	0	19.11	19.17	19.11	19.10	20.8	3
15	64QAM	36	20	19.02	19.11	19.10	19.03		
15	64QAM	36	39	19.02	19.08	19.06	19.04		
15	64QAM	75	0	18.99	19.13	19.12	19.04		
15	256QAM	1	0	17.16	17.17	17.09	17.07	18.8	5
15	256QAM	1	37	17.09	17.13	17.08	17.02		
15	256QAM	1	74	17.04	17.16	17.02	17.08		
15	256QAM	36	0	17.12	17.11	16.98	17.04	18.8	5
15	256QAM	36	20	17.09	17.13	17.16	17.15		
15	256QAM	36	39	17.07	17.05	17.03	17.05		
15	256QAM	75	0	17.07	17.13	17.05	17.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.99	22.15	21.95	22.11	23.8	0
10	QPSK	1	25	22.05	22.11	22.10	22.10		
10	QPSK	1	49	22.05	22.12	22.02	22.04		
10	QPSK	25	0	21.03	21.14	21.05	21.08	22.8	1
10	QPSK	25	12	21.06	21.11	21.08	21.08		
10	QPSK	25	25	20.99	21.14	20.96	21.03		
10	QPSK	50	0	20.98	20.96	20.94	20.96		
10	16QAM	1	0	21.01	21.04	20.97	20.96	22.8	1
10	16QAM	1	25	21.01	21.05	20.94	20.98		
10	16QAM	1	49	21.14	21.16	21.09	21.07		
10	16QAM	25	0	20.04	20.16	20.08	20.13	21.8	2
10	16QAM	25	12	20.04	20.05	19.96	20.06		
10	16QAM	25	25	20.12	20.21	20.09	20.08		
10	16QAM	50	0	20.15	20.13	20.02	20.00		
10	64QAM	1	0	20.01	20.13	20.08	20.14	21.8	2
10	64QAM	1	25	20.18	20.15	20.08	20.09		
10	64QAM	1	49	20.08	20.12	20.06	20.10		
10	64QAM	25	0	19.07	19.22	19.13	19.06	20.8	3
10	64QAM	25	12	19.03	19.06	19.09	19.00		
10	64QAM	25	25	19.11	19.06	19.03	18.98		
10	64QAM	50	0	19.04	19.12	19.05	19.11		
10	256QAM	1	0	17.10	17.17	17.12	17.06	18.8	5
10	256QAM	1	25	17.07	17.16	17.08	17.11		
10	256QAM	1	49	17.10	17.21	17.07	17.05		
10	256QAM	25	0	17.08	17.14	17.03	17.04	18.8	5
10	256QAM	25	12	17.17	17.10	17.12	17.16		
10	256QAM	25	25	17.02	17.04	17.01	17.06		
10	256QAM	50	0	17.01	17.06	17.09	17.09		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.98	22.10	21.91	22.12	23.8	0
5	QPSK	1	12	22.06	22.15	22.09	22.10		
5	QPSK	1	24	22.07	22.06	22.06	22.05		
5	QPSK	12	0	21.03	21.15	21.06	21.08	22.8	1
5	QPSK	12	7	20.98	21.13	21.00	21.04		
5	QPSK	12	13	20.97	21.13	20.99	21.01		
5	QPSK	25	0	20.93	21.01	20.95	20.88		
5	16QAM	1	0	20.94	21.03	20.99	20.99	22.8	1
5	16QAM	1	12	21.01	21.09	20.95	21.06		
5	16QAM	1	24	21.13	21.14	21.11	21.07		
5	16QAM	12	0	20.03	20.18	20.08	20.10	21.8	2
5	16QAM	12	7	20.03	20.06	19.99	20.11		
5	16QAM	12	13	20.08	20.18	20.15	20.03		
5	16QAM	25	0	20.09	20.08	20.10	20.00		
5	64QAM	1	0	20.02	20.13	20.06	20.07	21.8	2
5	64QAM	1	12	20.20	20.21	20.08	20.10		
5	64QAM	1	24	20.10	20.11	20.04	20.08		
5	64QAM	12	0	19.12	19.21	19.07	19.08	20.8	3
5	64QAM	12	7	19.02	19.11	19.04	19.03		
5	64QAM	12	13	19.10	19.08	19.06	19.02		
5	64QAM	25	0	19.07	19.08	19.08	19.03		
5	256QAM	1	0	17.12	17.13	17.07	17.09	18.8	5
5	256QAM	1	12	17.09	17.18	17.08	17.08		
5	256QAM	1	24	17.10	17.18	17.07	17.08		
5	256QAM	12	0	17.06	17.09	17.07	17.01	18.8	5
5	256QAM	12	7	17.09	17.15	17.11	17.09		
5	256QAM	12	13	17.03	17.09	17.02	17.10		
5	256QAM	25	0	17.06	17.11	17.11	17.03		

GSM1900 Ant5 DSI7

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.35	29.69	29.80	31.00	20.35	20.69	20.80	22.00
GPRS 1 Tx slot	29.69	29.75	29.61	31.00	20.69	20.75	20.61	22.00
GPRS 2 Tx slots	26.56	26.59	26.51	28.00	20.56	20.59	20.51	22.00
GPRS 3 Tx slots	24.54	24.65	24.55	26.20	20.28	20.39	20.29	21.94
GPRS 4 Tx slots	23.06	23.13	23.09	25.00	20.06	20.13	20.09	22.00
EDGE 1 Tx slot	24.35	24.39	24.35	25.50	15.35	15.39	15.35	16.50
EDGE 2 Tx slots	21.93	22.01	21.99	22.50	15.93	16.01	15.99	16.50
EDGE 3 Tx slots	20.19	20.27	20.19	20.70	15.93	16.01	15.93	16.44
EDGE 4 Tx slots	18.75	18.83	18.77	19.50	15.75	15.83	15.77	16.50

		WCDMA II Ant5 DSI7				WCDMA IV Ant5 DSI7			
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	24.02	24.06	23.92	25.00	24.10	24.14	24.05	25.00
3GPP Rel 99	RMC 12.2Kbps	24.05	24.15	24.01	25.00	24.16	24.17	24.07	25.00
3GPP Rel 6	HSDPA Subtest-1	22.83	23.22	22.92	24.00	22.95	23.29	23.02	24.00
3GPP Rel 6	HSDPA Subtest-2	22.87	23.07	23.09	24.00	22.96	23.20	23.14	24.00
3GPP Rel 6	HSDPA Subtest-3	22.41	22.67	22.41	23.50	22.55	22.78	22.51	23.50
3GPP Rel 6	HSDPA Subtest-4	22.44	22.43	22.46	23.50	22.52	22.52	22.53	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.86	22.96	22.74	24.00	23.01	23.10	22.86	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.72	22.96	23.05	24.00	22.86	23.07	23.15	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.55	22.57	22.57	23.50	22.62	22.72	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.57	22.40	22.41	23.50	22.64	22.52	22.55	23.50
3GPP Rel 6	HSUPA Subtest-1	22.97	23.02	23.08	24.00	23.04	23.15	23.13	24.00
3GPP Rel 6	HSUPA Subtest-2	20.95	21.03	21.10	22.00	21.06	21.11	21.17	22.00
3GPP Rel 6	HSUPA Subtest-3	21.92	22.07	22.08	23.00	22.00	22.16	22.16	23.00
3GPP Rel 6	HSUPA Subtest-4	20.78	21.11	20.81	22.00	20.86	21.25	20.92	22.00
3GPP Rel 6	HSUPA Subtest-5	22.71	23.10	22.94	24.00	22.85	23.24	22.99	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.36	20.41	20.32	21.50	20.46	20.51	20.46	21.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.85	23.99	23.90		
20	QPSK	1	49	23.88	23.93	23.83	25	0
20	QPSK	1	99	23.86	23.89	23.82		
20	QPSK	50	0	22.90	23.07	22.93		
20	QPSK	50	24	22.90	23.05	22.90	24	1
20	QPSK	50	50	22.82	22.91	22.83		
20	QPSK	100	0	22.95	22.96	22.90		
20	16QAM	1	0	22.91	22.98	22.92		
20	16QAM	1	49	22.81	22.87	22.80	24	1
20	16QAM	1	99	22.82	22.90	22.88		
20	16QAM	50	0	21.74	21.85	21.75		
20	16QAM	50	24	21.72	21.77	21.71	23	2
20	16QAM	50	50	21.74	21.82	21.72		
20	16QAM	100	0	21.93	21.97	21.93		
20	64QAM	1	0	21.78	21.86	21.78		
20	64QAM	1	49	21.66	21.75	21.68	23	2
20	64QAM	1	99	21.66	21.75	21.66		
20	64QAM	50	0	20.54	20.62	20.59		
20	64QAM	50	24	20.45	20.56	20.48	22	3
20	64QAM	50	50	20.42	20.53	20.42		
20	64QAM	100	0	20.70	20.79	20.73		
20	256QAM	1	0	19.09	19.15	19.13		
20	256QAM	1	49	18.94	19.04	18.96	20	5
20	256QAM	1	99	19.08	19.10	19.02		
20	256QAM	50	0	18.65	18.72	18.68		
20	256QAM	50	24	18.61	18.62	18.56	20	5
20	256QAM	50	50	18.65	18.69	18.62		
20	256QAM	100	0	18.62	18.72	18.68		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.79	23.93	23.87		
15	QPSK	1	37	23.79	23.88	23.77	25	0
15	QPSK	1	74	23.80	23.85	23.76		
15	QPSK	36	0	22.83	22.92	22.88		
15	QPSK	36	20	22.86	22.89	22.83	24	1
15	QPSK	36	39	22.78	22.82	22.77		
15	QPSK	75	0	22.90	22.93	22.86		
15	16QAM	1	0	22.86	22.88	22.85		
15	16QAM	1	37	22.78	22.84	22.74	24	1
15	16QAM	1	74	22.74	22.86	22.85		
15	16QAM	36	0	21.68	21.82	21.70		
15	16QAM	36	20	21.63	21.69	21.61	23	2
15	16QAM	36	39	21.67	21.80	21.69		
15	16QAM	75	0	21.87	21.93	21.90		
15	64QAM	1	0	21.74	21.79	21.68		
15	64QAM	1	37	21.57	21.68	21.57	23	2
15	64QAM	1	74	21.61	21.72	21.59		
15	64QAM	36	0	20.45	20.51	20.54		
15	64QAM	36	20	20.44	20.48	20.42	22	3
15	64QAM	36	39	20.35	20.49	20.34		
15	64QAM	75	0	20.65	20.74	20.64		
15	256QAM	1	0	19.08	19.13	19.11		
15	256QAM	1	37	18.85	18.96	18.95	20	5
15	256QAM	1	74	18.97	19.08	18.97		
15	256QAM	36	0	18.61	18.67	18.67		
15	256QAM	36	20	18.53	18.57	18.48	20	5
15	256QAM	36	39	18.60	18.64	18.54		
15	256QAM	75	0	18.57	18.62	18.60		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.75	23.92	23.84		
10	QPSK	1	25	23.86	23.85	23.73	25	0
10	QPSK	1	49	23.75	23.81	23.77		
10	QPSK	25	0	22.83	22.87	22.90		
10	QPSK	25	12	22.87	22.90	22.86	24	1
10	QPSK	25	25	22.79	22.87	22.81		
10	QPSK	50	0	22.90	22.87	22.87		
10	16QAM	1	0	22.83	22.87	22.84		
10	16QAM	1	25	22.79	22.82	22.75	24	1
10	16QAM	1	49	22.76	22.88	22.78		
10	16QAM	25	0	21.69	21.78	21.68		
10	16QAM	25	12	21.65	21.75	21.64	23	2
10	16QAM	25	25	21.73	21.77	21.63		
10	16QAM	50	0	21.91	21.86	21.84		
10	64QAM	1	0	21.69	21.83	21.71		
10	64QAM	1	25	21.63	21.67	21.61	23	2
10	64QAM	1	49	21.63	21.73	21.57		
10	64QAM	25	0	20.48	20.61	20.50		
10	64QAM	25	12	20.43	20.54	20.45	22	3
10	64QAM	25	25	20.37	20.48	20.37		
10	64QAM	50	0	20.60	20.74	20.67		
10	256QAM	1	0	19.07	19.04	19.06		
10	256QAM	1	25	18.86	18.98	18.87	20	5
10	256QAM	1	49	19.02	19.02	18.95		
10	256QAM	25	0	18.60	18.63	18.66		
10	256QAM	25	12	18.59	18.56	18.47	20	5
10	256QAM	25	25	18.54	18.60	18.53		
10	256QAM	50	0	18.61	18.61	18.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.76	23.96	23.82		
5	QPSK	1	12	23.87	23.89	23.79	25	0
5	QPSK	1	24	23.80	23.86	23.78		
5	QPSK	12	0	22.89	22.86	22.91		
5	QPSK	12	7	22.87	22.86	22.82	24	1
5	QPSK	12	13	22.78	22.83	22.76		
5	QPSK	25	0	22.89	22.86	22.81		
5	16QAM	1	0	22.86	22.93	22.84		
5	16QAM	1	12	22.74	22.82	22.77	24	1
5	16QAM	1	24	22.80	22.80	22.85		
5	16QAM	12	0	21.69	21.76	21.65		
5	16QAM	12	7	21.64	21.68	21.66	23	2
5	16QAM	12	13	21.63	21.80	21.61		
5	16QAM	25	0	21.85	21.87	21.92		
5	64QAM	1	0	21.76	21.84	21.69		
5	64QAM	1	12	21.60	21.67	21.66	23	2
5	64QAM	1	24	21.57	21.72	21.58		
5	64QAM	12	0	20.48	20.58	20.49		
5	64QAM	12	7	20.43	20.50	20.45	22	3
5	64QAM	12	13	20.39	20.46	20.37		
5	64QAM	25	0	20.59	20.76	20.65		
5	256QAM	1	0	19.05	19.09	19.04		
5	256QAM	1	12	18.90	19.02	18.88	20	5
5	256QAM	1	24	19.00	19.09	18.99		
5	256QAM	12	0	18.56	18.65	18.67		
5	256QAM	12	7	18.54	18.61	18.53	20	5
5	256QAM	12	13	18.56	18.64	18.61		
5	256QAM	25	0	18.56	18.63	18.61		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.77	23.89	23.86		
3	QPSK	1	8	23.86	23.91	23.80	25	0
3	QPSK	1	14	23.78	23.86	23.72		
3	QPSK	8	0	22.87	22.94	22.91		
3	QPSK	8	4	22.82	22.92	22.82	24	1
3	QPSK	8	7	22.77	22.89	22.77		
3	QPSK	15	0	22.91	22.93	22.82		
3	16QAM	1	0	22.84	22.93	22.88		
3	16QAM	1	8	22.74	22.80	22.76	24	1
3	16QAM	1	14	22.74	22.84	22.78		
3	16QAM	8	0	21.69	21.83	21.74		
3	16QAM	8	4	21.67	21.67	21.67	23	2
3	16QAM	8	7	21.73	21.73	21.62		
3	16QAM	15	0	21.84	21.94	21.86		
3	64QAM	1	0	21.67	21.77	21.68		
3	64QAM	1	8	21.56	21.72	21.58	23	2
3	64QAM	1	14	21.55	21.73	21.57		
3	64QAM	8	0	20.47	20.57	20.49		
3	64QAM	8	4	20.38	20.46	20.43	22	3
3	64QAM	8	7	20.32	20.47	20.36		
3	64QAM	15	0	20.64	20.72	20.65		
3	256QAM	1	0	19.04	19.11	19.02		
3	256QAM	1	8	18.87	18.97	18.92	20	5
3	256QAM	1	14	18.98	19.00	18.98		
3	256QAM	8	0	18.58	18.69	18.58		
3	256QAM	8	4	18.50	18.58	18.54	20	5
3	256QAM	8	7	18.55	18.66	18.53		
3	256QAM	15	0	18.53	18.65	18.61		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.82	23.92	23.86		
1.4	QPSK	1	3	23.84	23.83	23.75		
1.4	QPSK	1	5	23.76	23.83	23.81	25	0
1.4	QPSK	3	0	23.80	23.96	23.87		
1.4	QPSK	3	1	23.86	23.88	23.78		
1.4	QPSK	3	3	23.83	23.86	23.79		
1.4	QPSK	6	0	22.88	22.91	22.88	24	1
1.4	16QAM	1	0	22.83	22.96	22.83		
1.4	16QAM	1	3	22.80	22.81	22.70		
1.4	16QAM	1	5	22.73	22.85	22.85	24	1
1.4	16QAM	3	0	22.83	22.91	22.87		
1.4	16QAM	3	1	22.78	22.82	22.78		
1.4	16QAM	3	3	22.74	22.80	22.84		
1.4	16QAM	6	0	21.82	21.92	21.86	23	2
1.4	64QAM	1	0	21.72	21.85	21.69		
1.4	64QAM	1	3	21.60	21.68	21.67		
1.4	64QAM	1	5	21.59	21.69	21.63	23	2
1.4	64QAM	3	0	21.72	21.79	21.77		
1.4	64QAM	3	1	21.57	21.72	21.60		
1.4	64QAM	3	3	21.56	21.68	21.64		
1.4	64QAM	6	0	20.65	20.75	20.69	22	3
1.4	256QAM	1	0	19.06	19.08	19.10		
1.4	256QAM	1	3	18.90	18.99	18.88		
1.4	256QAM	1	5	19.00	19.02	18.93	20	5
1.4	256QAM	3	0	18.60	18.70	18.63		
1.4	256QAM	3	1	18.52	18.56	18.51		
1.4	256QAM	3	3	18.64	18.61	18.52		
1.4	256QAM	6	0	18.53	18.68	18.66	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.66	24.79	24.74		
20	QPSK	1	49	24.70	24.71	24.61	25.7	0
20	QPSK	1	99	24.67	24.70	24.61		
20	QPSK	50	0	23.58	23.69	23.56		
20	QPSK	50	24	23.54	23.68	23.55	24.7	1
20	QPSK	50	50	23.53	23.56	23.51		
20	QPSK	100	0	23.66	23.69	23.63		
20	16QAM	1	0	23.72	23.82	23.71		
20	16QAM	1	49	23.58	23.60	23.51	24.7	1
20	16QAM	1	99	23.41	23.51	23.40		
20	16QAM	50	0	22.63	22.63	22.61		
20	16QAM	50	24	22.49	22.52	22.49	23.7	2
20	16QAM	50	50	22.59	22.61	22.60		
20	16QAM	100	0	22.69	22.71	22.66		
20	64QAM	1	0	23.66	23.90	23.25		
20	64QAM	1	49	22.54	22.56	22.51	23.7	2
20	64QAM	1	99	22.52	22.59	22.56		
20	64QAM	50	0	21.59	21.69	21.62		
20	64QAM	50	24	21.55	21.62	21.59	22.7	3
20	64QAM	50	50	21.55	21.63	21.59		
20	64QAM	100	0	21.61	21.71	21.70		
20	256QAM	1	0	19.54	19.65	19.56		
20	256QAM	1	49	19.57	19.58	19.57	20.7	5
20	256QAM	1	99	19.55	19.58	19.50		
20	256QAM	50	0	19.58	19.67	19.64		
20	256QAM	50	24	19.49	19.54	19.44	20.7	5
20	256QAM	50	50	19.57	19.59	19.52		
20	256QAM	100	0	19.54	19.64	19.57		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.57	24.69	24.65		
15	QPSK	1	37	24.61	24.66	24.59	25.7	0
15	QPSK	1	74	24.57	24.66	24.52		
15	QPSK	36	0	23.55	23.55	23.45		
15	QPSK	36	20	23.48	23.54	23.54	24.7	1
15	QPSK	36	39	23.47	23.46	23.46		
15	QPSK	75	0	23.63	23.65	23.59		
15	16QAM	1	0	23.66	23.75	23.62		
15	16QAM	1	37	23.50	23.50	23.45	24.7	1
15	16QAM	1	74	23.41	23.41	23.34		
15	16QAM	36	0	22.52	22.62	22.51		
15	16QAM	36	20	22.39	22.44	22.40	23.7	2
15	16QAM	36	39	22.55	22.54	22.56		
15	16QAM	75	0	22.64	22.66	22.57		
15	64QAM	1	0	23.24	23.28	23.15		
15	64QAM	1	37	22.50	22.50	22.43	23.7	2
15	64QAM	1	74	22.42	22.52	22.53		
15	64QAM	36	0	21.56	21.61	21.51		
15	64QAM	36	20	21.48	21.52	21.56	22.7	3
15	64QAM	36	39	21.50	21.56	21.53		
15	64QAM	75	0	21.52	21.62	21.65		
15	256QAM	1	0	19.51	19.64	19.45		
15	256QAM	1	37	19.47	19.53	19.51	20.7	5
15	256QAM	1	74	19.46	19.51	19.41		
15	256QAM	36	0	19.49	19.57	19.54		
15	256QAM	36	20	19.40	19.44	19.36	20.7	5
15	256QAM	36	39	19.51	19.43	19.49		
15	256QAM	75	0	19.50	19.60	19.53		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.62	24.73	24.70		
10	QPSK	1	25	24.62	24.63	24.55	25.7	0
10	QPSK	1	49	24.60	24.69	24.60		
10	QPSK	25	0	23.49	23.58	23.49		
10	QPSK	25	12	23.49	23.54	23.54	24.7	1
10	QPSK	25	25	23.46	23.45	23.47		
10	QPSK	50	0	23.63	23.60	23.60		
10	16QAM	1	0	23.68	23.80	23.63		
10	16QAM	1	25	23.56	23.55	23.45	24.7	1
10	16QAM	1	49	23.51	23.46	23.38		
10	16QAM	25	0	22.51	22.53	22.58		
10	16QAM	25	12	22.45	22.42	22.47	23.7	2
10	16QAM	25	25	22.50	22.55	22.52		
10	16QAM	50	0	22.65	22.60	22.62		
10	64QAM	1	0	23.17	23.20	23.18		
10	64QAM	1	25	22.46	22.52	22.44	23.7	2
10	64QAM	1	49	22.44	22.51	22.52		
10	64QAM	25	0	21.60	21.60	21.58		
10	64QAM	25	12	21.51	21.59	21.50	22.7	3
10	64QAM	25	25	21.45	21.59	21.49		
10	64QAM	50	0	21.55	21.64	21.65		
10	256QAM	1	0	19.52	19.55	19.55		
10	256QAM	1	25	19.53	19.48	19.54	20.7	5
10	256QAM	1	49	19.53	19.48	19.41		
10	256QAM	25	0	19.50	19.57	19.54		
10	256QAM	25	12	19.55	19.57	19.42	20.7	5
10	256QAM	25	25	19.55	19.57	19.46		
10	256QAM	50	0	19.52	19.56	19.46		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.65	24.71	24.66		
5	QPSK	1	12	24.65	24.62	24.56	25.7	0
5	QPSK	1	24	24.59	24.65	24.54		
5	QPSK	12	0	23.54	23.57	23.50		
5	QPSK	12	7	23.49	23.46	23.46	24.7	1
5	QPSK	12	13	23.46	23.51	23.44		
5	QPSK	25	0	23.61	23.63	23.53		
5	16QAM	1	0	23.64	23.80	23.69		
5	16QAM	1	12	23.47	23.50	23.40	24.7	1
5	16QAM	1	24	23.32	23.45	23.37		
5	16QAM	12	0	22.57	22.54	22.56		
5	16QAM	12	7	22.48	22.44	22.44	23.7	2
5	16QAM	12	13	22.48	22.38	22.58		
5	16QAM	25	0	22.67	22.67	22.63		
5	64QAM	1	0	23.25	23.23	23.23		
5	64QAM	1	12	22.48	22.45	22.45	23.7	2
5	64QAM	1	24	22.57	22.51	22.53		
5	64QAM	12	0	21.50	21.61	21.61		
5	64QAM	12	7	21.46	21.55	21.55	22.7	3
5	64QAM	12	13	21.53	21.57	21.56		
5	64QAM	25	0	21.67	21.69	21.69		
5	256QAM	1	0	19.46	19.55	19.54		
5	256QAM	1	12	19.48	19.50	19.56	20.7	5
5	256QAM	1	24	19.47	19.50	19.44		
5	256QAM	12	0	19.60	19.65	19.60		
5	256QAM	12	7	19.43	19.52	19.38	20.7	5
5	256QAM	12	13	19.48	19.56	19.50		
5	256QAM	25	0	19.44	19.54	19.52		
Channel				20075	20175	20275	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.61	24.69	24.68		
3	QPSK	1	8	24.61	24.64	24.54	25.7	0
3	QPSK	1	14	24.57	24.65	24.56		
3	QPSK	8	0	23.51	23.55	23.49		
3	QPSK	8	4	23.45	23.52	23.50	24.7	1
3	QPSK	8	7	23.43	23.49	23.44		
3	QPSK	15	0	23.58	23.65	23.57		
3	16QAM	1	0	23.61	23.75	23.68		
3	16QAM	1	8	23.57	23.59	23.43	24.7	1
3	16QAM	1	14	23.35	23.44	23.29		
3	16QAM	8	0	22.48	22.59	22.56		
3	16QAM	8	4	22.44	22.45	22.47	23.7	2
3	16QAM	8	7	22.51	22.60	22.50		
3	16QAM	15	0	22.63	22.65	22.60		
3	64QAM	1	0	23.25	23.20	23.20		
3	64QAM	1	8	22.50	22.50	22.47	23.7	2
3	64QAM	1	14	22.44	22.54	22.45		
3	64QAM	8	0	21.56	21.64	21.57		
3	64QAM	8	4	21.44	21.56	21.53	22.7	3
3	64QAM	8	7	21.46	21.54	21.52		
3	64QAM	15	0	21.55	21.68	21.66		
3	256QAM	1	0	19.49	19.58	19.55		
3	256QAM	1	8	19.46	19.54	19.48	20.7	5
3	256QAM	1	14	19.47	19.53	19.43		
3	256QAM	8	0	19.50	19.59	19.61		
3	256QAM	8	4	19.38	19.43	19.37	20.7	5
3	256QAM	8	7	19.49	19.48	19.45		
3	256QAM	15	0	19.50	19.58	19.53		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.63	24.76	24.67		
1.4	QPSK	1	3	24.64	24.70	24.50		
1.4	QPSK	1	5	24.63	24.66	24.52	25.7	0
1.4	QPSK	3	0	24.57	24.71	24.73		
1.4	QPSK	3	1	24.66	24.69	24.55		
1.4	QPSK	3	3	24.65	24.61	24.55		
1.4	QPSK	6	0	23.58	23.59	23.59	24.7	1
1.4	16QAM	1	0	23.66	23.71	23.69		
1.4	16QAM	1	3	23.57	23.50	23.47		
1.4	16QAM	1	5	23.39	23.48	23.33	24.7	1
1.4	16QAM	3	0	23.71	23.73	23.65		
1.4	16QAM	3	1	23.47	23.50	23.49		
1.4	16QAM	3	3	23.38	23.42	23.31		
1.4	16QAM	6	0	22.60	22.61	22.62	23.7	2
1.4	64QAM	1	0	23.23	23.23	23.20		
1.4	64QAM	1	3	22.44	22.54	22.49		
1.4	64QAM	1	5	22.46	22.55	22.51	23.7	2
1.4	64QAM	3	0	23.17	23.29	23.24		
1.4	64QAM	3	1	22.51	22.52	22.52		
1.4	64QAM	3	3	22.41	22.57	22.52		
1.4	64QAM	6	0	21.56	21.64	21.65	22.7	3
1.4	256QAM	1	0	19.46	19.60	19.49		
1.4	256QAM	1	3	19.55	19.49	19.48		
1.4	256QAM	1	5	19.53	19.48	19.47	20.7	5
1.4	256QAM	3	0	19.48	19.64	19.56		
1.4	256QAM	3	1	19.43	19.47	19.34		
1.4	256QAM	3	3	19.53	19.48	19.44		
1.4	256QAM	6	0	19.44	19.53	19.56	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.45	24.47	24.33		
20	QPSK	1	49	24.22	24.43	24.30	25.2	0
20	QPSK	1	99	24.30	24.32	24.25		
20	QPSK	50	0	24.25	24.41	24.38		
20	QPSK	50	24	24.36	24.34	24.24	24.7	0.5
20	QPSK	50	50	24.22	24.37	24.31		
20	QPSK	100	0	24.22	24.36	24.23		
20	16QAM	1	0	23.98	23.98	23.80		
20	16QAM	1	49	23.70	23.91	23.76	24.7	0.5
20	16QAM	1	99	23.88	23.91	23.70		
20	16QAM	50	0	22.93	22.97	22.85		
20	16QAM	50	24	22.73

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	25.19	25.24	25.17	25.7	0
20	QPSK	1	49	25.14	25.18	25.16		
20	QPSK	1	99	25.22	25.23	25.21		
20	QPSK	50	0	24.16	24.32	24.20	24.7	1
20	QPSK	50	24	24.08	24.29	24.13		
20	QPSK	50	50	24.12	24.17	24.15		
20	QPSK	100	0	24.12	24.21	24.19		
20	16QAM	1	0	24.22	24.31	24.30	24.7	1
20	16QAM	1	49	24.07	24.15	24.09		
20	16QAM	1	99	24.14	24.18	24.15		
20	16QAM	50	0	23.34	23.35	23.28	23.7	2
20	16QAM	50	24	23.23	23.26	23.19		
20	16QAM	50	50	23.26	23.34	23.24		
20	16QAM	100	0	23.15	23.21	23.11		
20	64QAM	1	0	23.38	23.43	23.33	23.7	2
20	64QAM	1	49	23.24	23.29	23.27		
20	64QAM	1	99	23.31	23.32	23.23		
20	64QAM	50	0	22.20	22.31	22.29	22.7	3
20	64QAM	50	24	22.18	22.25	22.23		
20	64QAM	50	50	22.18	22.26	22.21		
20	64QAM	100	0	22.18	22.20	22.11		
20	256QAM	1	0	20.09	20.14	20.07	20.7	5
20	256QAM	1	49	20.02	20.08	20.05		
20	256QAM	1	99	19.96	20.05	19.99		
20	256QAM	50	0	20.20	20.22	20.14	20.7	5
20	256QAM	50	24	20.06	20.11	20.03		
20	256QAM	50	50	20.03	20.07	19.98		
20	256QAM	100	0	20.17	20.20	20.11		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	25.18	25.16	25.12	25.7	0
15	QPSK	1	37	25.06	25.14	25.10		
15	QPSK	1	74	25.15	25.17	25.15		
15	QPSK	36	0	24.12	24.16	24.11	24.7	1
15	QPSK	36	20	24.06	24.08	24.07		
15	QPSK	36	39	24.01	24.15	24.10		
15	QPSK	75	0	24.03	24.17	24.11		
15	16QAM	1	0	24.19	24.22	24.27	24.7	1
15	16QAM	1	37	23.97	24.10	23.98		
15	16QAM	1	74	24.10	24.10	24.14		
15	16QAM	36	0	23.32	23.33	23.18	23.7	2
15	16QAM	36	20	23.17	23.23	23.17		
15	16QAM	36	39	23.15	23.23	23.19		
15	16QAM	75	0	23.09	23.13	23.05		
15	64QAM	1	0	23.35	23.33	23.24	23.7	2
15	64QAM	1	37	23.16	23.24	23.25		
15	64QAM	1	74	23.24	23.26	23.20		
15	64QAM	36	0	22.10	22.28	22.18	22.7	3
15	64QAM	36	20	22.17	22.17	22.18		
15	64QAM	36	39	22.08	22.22	22.16		
15	64QAM	75	0	22.16	22.14	22.03		
15	256QAM	1	0	19.99	20.08	19.97	20.7	5
15	256QAM	1	37	19.98	20.02	19.96		
15	256QAM	1	74	19.91	20.03	19.89		
15	256QAM	36	0	20.17	20.19	20.10	20.7	5
15	256QAM	36	20	20.04	20.00	19.98		
15	256QAM	36	39	19.92	20.04	19.97		
15	256QAM	75	0	20.13	20.16	20.10		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	25.18	25.13	25.16	25.7	0
10	QPSK	1	25	25.12	25.13	25.07		
10	QPSK	1	49	25.18	25.19	25.16		
10	QPSK	25	0	24.15	24.21	24.17	24.7	1
10	QPSK	25	12	23.97	24.10	24.08		
10	QPSK	25	25	24.04	24.12	24.14		
10	QPSK	50	0	24.01	24.20	24.17		
10	16QAM	1	0	24.14	24.24	24.20	24.7	1
10	16QAM	1	25	24.00	24.10	24.01		
10	16QAM	1	49	24.04	24.09	24.11		
10	16QAM	25	0	23.27	23.30	23.25	23.7	2
10	16QAM	25	12	23.21	23.20	23.12		
10	16QAM	25	25	23.22	23.31	23.16		
10	16QAM	50	0	23.08	23.11	23.02		
10	64QAM	1	0	23.31	23.38	23.24	23.7	2
10	64QAM	1	25	23.22	23.22	23.25		
10	64QAM	1	49	23.26	23.24	23.17		
10	64QAM	25	0	22.10	22.27	22.23	22.7	3
10	64QAM	25	12	22.07	22.19	22.19		
10	64QAM	25	25	22.13	22.16	22.16		
10	64QAM	50	0	22.13	22.18	22.06		
10	256QAM	1	0	20.07	20.04	20.00	20.7	5
10	256QAM	1	25	19.97	20.03	19.97		
10	256QAM	1	49	19.91	19.96	19.90		
10	256QAM	25	0	20.09	20.17	20.04	20.7	5
10	256QAM	25	12	20.01	20.04	19.99		
10	256QAM	25	25	20.01	20.06	19.96		
10	256QAM	50	0	20.12	20.16	20.05		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	25.15	25.14	25.08	25.7	0
5	QPSK	1	12	25.04	25.09	25.15		
5	QPSK	1	24	25.11	25.16	25.11		
5	QPSK	12	0	24.08	24.14	24.12	24.7	1
5	QPSK	12	7	23.99	24.11	24.08		
5	QPSK	12	13	24.02	24.11	24.05		
5	QPSK	25	0	24.05	24.17	24.17		
5	16QAM	1	0	24.14	24.23	24.25	24.7	1
5	16QAM	1	12	24.04	24.09	24.03		
5	16QAM	1	24	24.06	24.09	24.12		
5	16QAM	12	0	23.23	23.25	23.26	23.7	2
5	16QAM	12	7	23.15	23.20	23.16		
5	16QAM	12	13	23.25	23.24	23.19		
5	16QAM	25	0	23.09	23.15	23.02		
5	64QAM	1	0	23.36	23.35	23.27	23.7	2
5	64QAM	1	12	23.19	23.27	23.25		
5	64QAM	1	24	23.22	23.28	23.21		
5	64QAM	12	0	22.15	22.24	22.25	22.7	3
5	64QAM	12	7	22.11	22.23	22.19		
5	64QAM	12	13	22.14	22.20	22.15		
5	64QAM	25	0	22.07	22.12	22.06		
5	256QAM	1	0	19.98	20.04	19.98	20.7	5
5	256QAM	1	12	19.97	20.01	19.95		
5	256QAM	1	24	19.94	20.00	19.94		
5	256QAM	12	0	20.11	20.19	20.05	20.7	5
5	256QAM	12	7	20.00	20.08	19.97		
5	256QAM	12	13	20.01	19.98	19.93		
5	256QAM	25	0	20.11	20.10	20.02		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.11	25.12	25.24	25.20	25.11	25.7	0
20	QPSK	1	49	25.13	25.09	25.14	25.07	25.06		
20	QPSK	1	99	25.17	25.12	25.22	25.17	25.13		
20	QPSK	50	0	23.87	23.84	24.06	23.89	23.86	24.7	1
20	QPSK	50	24	23.83	23.83	24.05	23.80	23.79		
20	QPSK	50	50	23.81	23.83	23.91	23.82	23.89		
20	QPSK	100	0	23.88	23.84	23.90	23.81	23.83		
20	16QAM	1	0	23.85	23.85	23.94	23.90	23.86	24.7	1
20	16QAM	1	49	23.78	23.82	23.89	23.87	23.82		
20	16QAM	1	99	23.84	23.82	23.90	23.83	23.84		
20	16QAM	50	0	22.92	22.91	22.97	22.92	22.95	23.7	2
20	16QAM	50	24	22.83	22.88	22.90	22.84	22.82		
20	16QAM	50	50	22.81	22.87	22.92	22.81	22.83		
20	16QAM	100	0	22.84	22.89	22.95	22.88	22.90		
20	64QAM	1	0	22.97	22.95	23.05	22.95	23.02	23.7	2
20	64QAM	1	49	22.90	22.90	22.96	22.93	22.87		
20	64QAM	1	99	22.90	22.90	22.93	22.89	22.84		
20	64QAM	50	0	21.91	21.86	21.96	21.95	21.90	22.7	3
20	64QAM	50	24	21.83	21.85	21.89	21.81	21.88		
20	64QAM	50	50	21.85	21.82	21.88	21.79	21.85		
20	64QAM	100	0	21.95	21.89	21.98	21.94	21.97		
20	256QAM	1	0	19.93	19.89	19.95	19.88	19.90	20.7	5
20	256QAM	1	49	19.84	19.90	19.92	19.81	19.82		
20	256QAM	1	99	19.89	19.84	19.92	19.86	19.90		
20	256QAM	50	0	19.87	19.87	19.95	19.90	19.87	20.7	5
20	256QAM	50	24	19.82	19.86	19.88	19.81	19.85		
20	256QAM	50	50	19.82	19.75	19.84	19.77	19.80		
20	256QAM	100	0	19.93	19.98	19.99	19.93	19.96		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.07	25.10	25.16	25.09	25.07	26	0
15	QPSK	1	37	25.03	24.98	25.03	24.99	24.97		
15	QPSK	1	74	25.15	25.10	25.14	25.13	25.05		
15	QPSK	36	0	23.86	23.75	23.90	23.87	23.78	24.7	1
15	QPSK	36	20	23.75	23.72	23.78	23.74	23.70		
15	QPSK	36	39	23.76	23.81	23.89	23.71	23.79		
15	QPSK	75	0	23.85	23.80	23.87	23.77	23.78		
15	16QAM	1	0	23.75	23.81	23.85	23.87	23.78	24.7	1
15	16QAM	1	37	23.70	23.78	23.86	23.76	23.79		
15	16QAM	1	74	23.78	23.71	23.85	23.76	23.77		
15	16QAM	36	0	22.85	22.89	22.95	22.85	22.94	23.7	2
15	16QAM	36	20	22.75	22.87	22.88	22.80	22.76		
15	16QAM	36	39	22.71	22.79	22.90	22.78	22.80		
15	16QAM	75	0	22.82	22.84	22.87	22.85	22.87		
15	64QAM	1	0	22.91	22.90	23.01	22.85	22.97	23.7	2
15	64QAM	1	37	22.84	22.86	22.88	22.87	22.77		
15	64QAM	1	74	22.87	22.80	22.91	22.83	22.74		
15	64QAM	36	0	21.88	21.76	21.87	21.88	21.86	22.7	3
15	64QAM	36	20	21.81	21.83	21.88	21.72	21.83		
15	64QAM	36	39	21.77	21.79	21.82	21.73	21.80		
15	64QAM	75	0	21.89	21.86	21.87	21.85	21.87		
15	256QAM	1	0	19.91	19.83	19.91	19.77	19.88	20.7	5
15	256QAM	1	37	19.78	19.87	19.85	19.79	19.80		
15	256QAM	1	74	19.85	19.80	19.81	19.82	19.82		
15	256QAM	36	0	19.79	19.83	19.87	19.88	19.78	20.7	5
15	256QAM	36	20	19.80	19.85	19.77	19.73	19.76		
15	256QAM	36	39	19.74	19.73	19.79	19.70	19.77		
15	256QAM	75	0	19.86	19.91	19.96	19.84	19.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.04	25.06	25.14	25.18	25.05	26	0
10	QPSK	1	25	25.12	25.06	25.07	25.00	24.98		
10	QPSK	1	49	25.07	25.04	25.19	25.11	25.12		
10	QPSK	25	0	23.81	23.80	23.90	23.83	23.81	24.7	1
10	QPSK	25	12	23.76	23.74	23.85	23.71	23.74		
10	QPSK	25	25	23.72	23.75	23.84	23.77	23.84		
10	QPSK	50	0	23.78	23.81	23.88	23.75	23.82		
10	16QAM	1	0	23.76	23.79	23.92	23.89	23.80	24.7	1
10	16QAM	1	25	23.75	23.79	23.87	23.81	23.77		
10	16QAM	1	49	23.79	23.73	23.86	23.74	23.79		
10	16QAM	25	0	22.86	22.81	22.96	22.89	22.87	23.7	2
10	16QAM	25	12	22.81	22.86	22.84	22.80	22.74		
10	16QAM	25	25	22.78	22.83	22.90	22.79	22.75		
10	16QAM	50	0	22.81	22.80	22.87	22.83	22.84		
10	64QAM	1	0	22.90	22.84	22.96	22.88	22.98	23.7	2
10	64QAM	1	25	22.87	22.82	22.89	22.87	22.80		
10	64QAM	1	49	22.80	22.81	22.87	22.82	22.81		
10	64QAM	25	0	21.81	21.76	21.93	21.89	21.85	22.7	3
10	64QAM	25	12	21.74	21.79	21.82	21.78	21.79		
10	64QAM	25	25	21.82	21.72	21.80	21.78	21.84		
10	64QAM	50	0	21.87	21.85	21.95	21.85	21.88		
10	256QAM	1	0	19.88	19.78	19.92	19.86	19.80	20.7	5
10	256QAM	1	25	19.83	19.83	19.86	19.72	19.79		
10	256QAM	1	49	19.81	19.74	19.88	19.80	19.86		
10	256QAM	25	0	19.83	19.80	19.88	19.86	19.84	20.7	5
10	256QAM	25	12	19.75	19.75	19.78	19.77	19.80		
10	256QAM	25	25	19.75	19.67	19.80	19.68	19.74		
10	256QAM	50	0	19.90	19.88	19.89	19.91	19.91		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.00	25.08	25.19	25.17	25.01	26	0
5	QPSK	1	12	25.12	25.02	25.04	25.00	24.99		
5	QPSK	1	24	25.12	25.02	25.13	25.07	25.06		
5	QPSK	12	0	23.82	23.78	23.86	23.85	23.81	24.7	1
5	QPSK	12	7	23.75	23.75	23.80	23.70	23.68		
5	QPSK	12	13	23.75	23.79	23.85	23.77	23.88		
5	QPSK	25	0	23.76	23.79	23.81	23.71	23.76		
5	16QAM	1	0	23.80	23.75	23.86	23.86	23.76	24.7	1
5	16QAM	1	12	23.75	23.72	23.79	23.84	23.79		
5	16QAM	1	24	23.74	23.74	23.83	23.80	23.76		
5	16QAM	12	0	22.84	22.82	22.91	22.89	22.85	23.7	2
5	16QAM	12	7	22.79	22.79	22.83	22.82	22.79		
5	16QAM	12	13	22.72	22.79	22.91	22.75	22.78		
5	16QAM	25	0	22.78	22.81	22.89	22.82	22.85		
5	64QAM	1	0	22.93	22.87	23.00	22.89	22.97	23.7	2
5	64QAM	1	12	22.87	22.87	22.89	22.86	22.77		
5	64QAM	1	24	22.80	22.79	22.89	22.80	22.82		
5	64QAM	12	0	21.84	21.79	21.89	21.88	21.87	22.7	3
5	64QAM	12	7	21.77	21.83	21.78	21.72	21.79		
5	64QAM	12	13	21.82	21.72	21.78	21.72	21.83		
5	64QAM	25	0	21.92	21.85	21.92	21.87	21.89		
5	256QAM	1	0	19.90	19.83	19.91	19.79	19.86	20.7	5
5	256QAM	1	12	19.80	19.88	19.85	19.79	19.80		
5	256QAM	1	24	19.81	19.81	19.83	19.81	19.79		
5	256QAM	12	0	19.84	19.78	19.93	19.80	19.85	20.7	5
5	256QAM	12	7	19.78	19.81	19.83	19.71	19.83		
5	256QAM	12	13	19.81	19.67	19.82	19.76	19.73		
5	256QAM	25	0	19.92	19.91	19.88	19.91	19.86		

GSM1900 Anti DS7

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	29.40	29.50	29.41	30.50	20.40	20.50	20.41	21.50
GPRS 1 Tx slot	29.47	29.49	29.46	30.50	20.47	20.49	20.46	21.50
GPRS 2 Tx slots	26.68	26.76	26.70	27.50	20.68	20.76	20.70	21.50
GPRS 3 Tx slots	24.86	24.88	24.80	25.70	20.60	20.62	20.54	21.44
GPRS 4 Tx slots	23.65	23.66	23.57	24.50	20.65	20.66	20.57	21.50
EDGE 1 Tx slot	24.14	24.19	24.09	25.00	15.14	15.19	15.09	16.00
EDGE 2 Tx slots	21.75	21.82	21.74	22.00	15.75	15.82	15.74	16.00
EDGE 3 Tx slots	19.97	20.06	19.97	20.20	15.71	15.80	15.71	15.94
EDGE 4 Tx slots	18.55	18.61	18.53	19.00	15.55	15.61	15.53	16.00

WCDMA II Anti DS7

WCDMA IV Anti DS7

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	23.33	23.51	23.37	25.00	23.23	23.30	23.12	25.00
3GPP Rel 99	RMC 12.2Kbps	23.41	23.54	23.46	25.00	23.24	23.35	23.22	25.00
3GPP Rel 6	HSDPA Subtest-1	22.55	22.65	22.59	24.00	22.23	22.33	22.27	24.00
3GPP Rel 6	HSDPA Subtest-2	22.41	22.49	22.38	24.00	22.07	22.23	22.07	24.00
3GPP Rel 6	HSDPA Subtest-3	22.00	22.05	21.95	23.50	21.74	21.74	21.61	23.50
3GPP Rel 6	HSDPA Subtest-4	21.70	21.79	21.76	23.50	21.68	21.70	21.51	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.34	22.40	22.37	24.00	22.00	22.14	22.07	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.37	22.41	22.36	24.00	22.07	22.12	22.06	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.86	21.93	21.91	23.50	21.52	21.64	21.60	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.66	21.76	21.71	23.50	21.63	21.73	21.51	23.50
3GPP Rel 6	HSUPA Subtest-1	22.35	22.39	22.33	24.00	22.08	22.09	22.02	24.00
3GPP Rel 6	HSUPA Subtest-2	20.42	20.45	20.42	22.00	20.07	20.13	20.16	22.00
3GPP Rel 6	HSUPA Subtest-3	21.39	21.43	21.34	23.00	21.11	21.10	21.09	23.00
3GPP Rel 6	HSUPA Subtest-4	20.47	20.51	20.49	22.00	20.21	20.24	20.19	22.00
3GPP Rel 6	HSUPA Subtest-5	22.45	22.47	22.44	24.00	22.12	22.19	22.14	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.78	19.86	19.80	21.50	19.57	19.52	19.50	21.50

Band 2 Ant6 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.17	23.36	23.24	25	0
20	QPSK	1	49	23.27	23.30	23.21		
20	QPSK	1	99	23.26	23.34	23.32		
20	QPSK	50	0	22.47	22.55	22.48	24	1
20	QPSK	50	24	22.31	22.53	22.35		
20	QPSK	50	50	22.31	22.40	22.37		
20	QPSK	100	0	22.38	22.43	22.36		
20	16QAM	1	0	22.49	22.60	22.52	24	1
20	16QAM	1	49	22.35	22.40	22.37		
20	16QAM	1	99	22.39	22.43	22.40		
20	16QAM	50	0	21.36	21.47	21.45	23	2
20	16QAM	50	24	21.36	21.38	21.34		
20	16QAM	50	50	21.35	21.39	21.35		
20	16QAM	100	0	21.48	21.56	21.52		
20	64QAM	1	0	21.50	21.59	21.57	23	2
20	64QAM	1	49	21.35	21.41	21.37		
20	64QAM	1	99	21.33	21.37	21.34		
20	64QAM	50	0	20.36	20.42	20.36	22	3
20	64QAM	50	24	20.26	20.33	20.32		
20	64QAM	50	50	20.31	20.34	20.27		
20	64QAM	100	0	20.47	20.49	20.40		
20	256QAM	1	0	18.44	18.46	18.36	20	5
20	256QAM	1	49	18.36	18.45	18.35		
20	256QAM	1	99	18.26	18.36	18.30		
20	256QAM	50	0	18.41	18.42	18.37	20	5
20	256QAM	50	24	18.29	18.37	18.30		
20	256QAM	50	50	18.39	18.40	18.30		
20	256QAM	100	0	18.42	18.49	18.44		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.08	23.27	23.18	25	0
15	QPSK	1	37	23.19	23.26	23.20		
15	QPSK	1	74	23.15	23.29	23.31		
15	QPSK	36	0	22.45	22.43	22.39	24	1
15	QPSK	36	20	22.26	22.33	22.29		
15	QPSK	36	39	22.23	22.35	22.36		
15	QPSK	75	0	22.29	22.40	22.33		
15	16QAM	1	0	22.43	22.50	22.47	24	1
15	16QAM	1	37	22.30	22.30	22.29		
15	16QAM	1	74	22.35	22.33	22.32		
15	16QAM	36	0	21.30	21.40	21.35	23	2
15	16QAM	36	20	21.33	21.33	21.25		
15	16QAM	36	39	21.24	21.35	21.30		
15	16QAM	75	0	21.40	21.45	21.43		
15	64QAM	1	0	21.45	21.58	21.50	23	2
15	64QAM	1	37	21.32	21.38	21.35		
15	64QAM	1	74	21.28	21.33	21.24		
15	64QAM	36	0	20.26	20.38	20.28	22	3
15	64QAM	36	20	20.18	20.26	20.22		
15	64QAM	36	39	20.29	20.28	20.25		
15	64QAM	75	0	20.45	20.43	20.34		
15	256QAM	1	0	18.34	18.40	18.32	20	5
15	256QAM	1	37	18.31	18.43	18.24		
15	256QAM	1	74	18.19	18.27	18.21		
15	256QAM	36	0	18.39	18.41	18.36	20	5
15	256QAM	36	20	18.23	18.34	18.28		
15	256QAM	36	39	18.31	18.36	18.28		
15	256QAM	75	0	18.41	18.47	18.39		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.15	23.29	23.22	25	0
10	QPSK	1	25	23.23	23.29	23.13		
10	QPSK	1	49	23.20	23.26	23.25		
10	QPSK	25	0	22.42	22.48	22.45	24	1
10	QPSK	25	12	22.21	22.33	22.28		
10	QPSK	25	25	22.21	22.39	22.31		
10	QPSK	50	0	22.30	22.36	22.27		
10	16QAM	1	0	22.47	22.53	22.43	24	1
10	16QAM	1	25	22.29	22.32	22.27		
10	16QAM	1	49	22.36	22.35	22.34		
10	16QAM	25	0	21.34	21.42	21.40	23	2
10	16QAM	25	12	21.28	21.32	21.32		
10	16QAM	25	25	21.32	21.37	21.34		
10	16QAM	50	0	21.38	21.51	21.47		
10	64QAM	1	0	21.48	21.58	21.47	23	2
10	64QAM	1	25	21.26	21.39	21.27		
10	64QAM	1	49	21.32	21.31	21.28		
10	64QAM	25	0	20.33	20.39	20.27	22	3
10	64QAM	25	12	20.20	20.26	20.24		
10	64QAM	25	25	20.26	20.28	20.25		
10	64QAM	50	0	20.45	20.42	20.35		
10	256QAM	1	0	18.37	18.36	18.32	20	5
10	256QAM	1	25	18.33	18.36	18.34		
10	256QAM	1	49	18.17	18.32	18.28		
10	256QAM	25	0	18.39	18.32	18.35	20	5
10	256QAM	25	12	18.20	18.34	18.25		
10	256QAM	25	25	18.32	18.38	18.29		
10	256QAM	50	0	18.36	18.44	18.35		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.10	23.32	23.18	25	0
5	QPSK	1	12	23.18	23.26	23.14		
5	QPSK	1	24	23.20	23.27	23.29		
5	QPSK	12	0	22.38	22.48	22.41	24	1
5	QPSK	12	7	22.23	22.40	22.33		
5	QPSK	12	13	22.23	22.33	22.27		
5	QPSK	25	0	22.28	22.41	22.26		
5	16QAM	1	0	22.48	22.53	22.50	24	1
5	16QAM	1	12	22.32	22.31	22.30		
5	16QAM	1	24	22.30	22.36	22.32		
5	16QAM	12	0	21.28	21.43	21.43	23	2
5	16QAM	12	7	21.33	21.36	21.32		
5	16QAM	12	13	21.32	21.30	21.33		
5	16QAM	25	0	21.44	21.49	21.44		
5	64QAM	1	0	21.42	21.55	21.48	23	2
5	64QAM	1	12	21.28	21.31	21.34		
5	64QAM	1	24	21.30	21.30	21.25		
5	64QAM	12	0	20.31	20.35	20.30	22	3
5	64QAM	12	7	20.16	20.28	20.28		
5	64QAM	12	13	20.26	20.28	20.23		
5	64QAM	25	0	20.39	20.44	20.36		
5	256QAM	1	0	18.36	18.39	18.27	20	5
5	256QAM	1	12	18.27	18.43	18.29		
5	256QAM	1	24	18.22	18.34	18.29		
5	256QAM	12	0	18.32	18.38	18.31	20	5
5	256QAM	12	7	18.18	18.35	18.29		
5	256QAM	12	13	18.32	18.33	18.19		
5	256QAM	25	0	18.33	18.47	18.35		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.08	23.26	23.18	25	0
3	QPSK	1	8	23.19	23.26	23.16		
3	QPSK	1	14	23.17	23.27	23.22		
3	QPSK	8	0	22.46	22.42	22.42	24	1
3	QPSK	8	4	22.29	22.32	22.28		
3	QPSK	8	7	22.26	22.37	22.29		
3	QPSK	15	0	22.34	22.40	22.27		
3	16QAM	1	0	22.41	22.50	22.49	24	1
3	16QAM	1	8	22.31	22.34	22.30		
3	16QAM	1	14	22.29	22.40	22.33		
3	16QAM	8	0	21.28	21.40	21.34	23	2
3	16QAM	8	4	21.33	21.32	21.28		
3	16QAM	8	7	21.26	21.34	21.28		
3	16QAM	15	0	21.46	21.47	21.42		
3	64QAM	1	0	21.42	21.51	21.50	23	2
3	64QAM	1	8	21.29	21.31	21.28		
3	64QAM	1	14	21.27	21.35	21.30		
3	64QAM	8	0	20.28	20.40	20.32	22	3
3	64QAM	8	4	20.20	20.31	20.24		
3	64QAM	8	7	20.21	20.25	20.21		
3	64QAM	15	0	20.40	20.47	20.35		
3	256QAM	1	0	18.33	18.39	18.35	20	5
3	256QAM	1	8	18.34	18.37	18.28		
3	256QAM	1	14	18.15	18.27	18.26		
3	256QAM	8	0	18.39	18.37	18.35	20	5
3	256QAM	8	4	18.21	18.29	18.26		
3	256QAM	8	7	18.37	18.33	18.25		
3	256QAM	15	0	18.40	18.40	18.43		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.13	23.27	23.15	25	0
1.4	QPSK	1	3	23.23	23.26	23.18		
1.4	QPSK	1	5	23.17	23.31	23.28		
1.4	QPSK	3	0	23.12	23.25	23.14		
1.4	QPSK	3	1	23.22	23.20	23.14		
1.4	QPSK	3	3	23.17	23.30	23.23		
1.4	QPSK	6	0	22.34	22.41	22.27	24	1
1.4	16QAM	1	0	22.45	22.57	22.49	24	1
1.4	16QAM	1	3	22.26	22.36	22.33		
1.4	16QAM	1	5	22.35	22.32	22.34		
1.4	16QAM	3	0	22.43	22.50	22.45		
1.4	16QAM	3	1	22.29	22.38	22.36		
1.4	16QAM	3	3	22.30	22.32	22.29		
1.4	16QAM	6	0	21.42	21.47	21.46	23	2
1.4	64QAM	1	0	21.42	21.51	21.51	23	2
1.4	64QAM	1	3	21.31	21.35	21.35		
1.4	64QAM	1	5	21.29	21.31	21.23		
1.4	64QAM	3	0	21.46	21.50	21.55		
1.4	64QAM	3	1	21.26	21.39	21.31		
1.4	64QAM	3	3	21.28	21.27	21.23		
1.4	64QAM	6	0	20.41	20.46	20.31	22	3
1.4	256QAM	1	0	18.41	18.43	18.27	20	5
1.4	256QAM	1	3	18.34	18.38	18.29		
1.4	256QAM	1	5	18.15	18.26	18.20		
1.4	256QAM	3	0	18.33	18.32	18.32		
1.4	256QAM	3	1	18.20	18.28	18.27		
1.4	256QAM	3	3	18.30	18.30	18.22		
1.4	256QAM	6	0	18.39	18.40	18.35	20	5

Band 4 Ant6 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.89	23.99	23.81	25.7	0
20	QPSK	1	49	23.89	23.92	23.86		
20	QPSK	1	99	23.86	23.95	23.90		
20	QPSK	50	0	23.30	23.36	23.24	24.7	1
20	QPSK	50	24	23.23	23.35	23.20		
20	QPSK	50	50	23.24	23.30	23.20		
20	QPSK	100	0	23.21	23.31	23.24		
20	16QAM	1	0	23.69	23.73	23.63	24.7	1
20	16QAM	1	49	23.60	23.68	23.61		
20	16QAM	1	99	23.59	23.69	23.63		
20	16QAM	50	0	22.21	22.31	22.24	23.7	2
20	16QAM	50	24	22.14	22.23	22.20		
20	16QAM	50	50	22.15	22.21	22.19		
20	16QAM	100	0	22.27	22.35	22.24		
20	64QAM	1	0	22.88	22.92	22.90	23.7	2
20	64QAM	1	49	22.83	22.87	22.80		
20	64QAM	1	99	22.81	22.89	22.79		
20	64QAM	50	0	21.27	21.33	21.30	22.7	3
20	64QAM	50	24	21.23	21.24	21.19		
20	64QAM	50	50	21.14	21.24	21.20		
20	64QAM	100	0	21.29	21.38	21.29		
20	256QAM	1	0	19.30	19.36	19.28	20.7	5
20	256QAM	1	49	19.18	19.28	19.17		
20	256QAM	1	99	19.22	19.27	19.20		
20	256QAM	50	0	19.32	19.35	19.25	20.7	5
20	256QAM	50	24	19.22	19.26	19.19		
20	256QAM	50	50	19.22	19.33	19.23		
20	256QAM	100	0	19.19	19.29	19.27		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.82	23.88	23.75	25.7	0
15	QPSK	1	37	23.88	23.86	23.76		
15	QPSK	1	74	23.79	23.93	23.80		
15	QPSK	36	0	23.27	23.26	23.20	24.7	1
15	QPSK	36	20	23.18	23.17	23.14		
15	QPSK	36	39	23.22	23.21	23.11		
15	QPSK	75	0	23.16	23.23	23.22		
15	16QAM	1	0	23.63	23.64	23.52	24.7	1
15	16QAM	1	37	23.49	23.60	23.56		
15	16QAM	1	74	23.51	23.60	23.52		
15	16QAM	36	0	22.18	22.28	22.18	23.7	2
15	16QAM	36	20	22.12	22.22	22.18		
15	16QAM	36	39	22.09	22.15	22.09		
15	16QAM	75	0	22.19	22.28	22.20		
15	64QAM	1	0	22.84	22.91	22.84	23.7	2
15	64QAM	1	37	22.78	22.77	22.73		
15	64QAM	1	74	22.77	22.78	22.73		
15	64QAM	36	0	21.25	21.32	21.23	22.7	3
15	64QAM	36	20	21.22	21.17	21.10		
15	64QAM	36	39	21.06	21.22	21.15		
15	64QAM	75	0	21.27	21.35	21.22		
15	256QAM	1	0	19.26	19.30	19.19	20.7	5
15	256QAM	1	37	19.08	19.25	19.10		
15	256QAM	1	74	19.17	19.17	19.14		
15	256QAM	36	0	19.21	19.26	19.15	20.7	5
15	256QAM	36	20	19.18	19.18	19.11		
15	256QAM	36	39	19.13	19.26	19.18		
15	256QAM	75	0	19.13	19.24	19.16		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.83	23.96	23.76	25.7	0
10	QPSK	1	25	23.82	23.86	23.80		
10	QPSK	1	49	23.76	23.85	23.84		
10	QPSK	25	0	23.23	23.24	23.21	24.7	1
10	QPSK	25	12	23.21	23.15	23.13		
10	QPSK	25	25	23.23	23.27	23.14		
10	QPSK	50	0	23.13	23.21	23.14		
10	16QAM	1	0	23.62	23.62	23.62	24.7	1
10	16QAM	1	25	23.53	23.60	23.56		
10	16QAM	1	49	23.53	23.65	23.56		
10	16QAM	25	0	22.18	22.29	22.19	23.7	2
10	16QAM	25	12	22.07	22.16	22.13		
10	16QAM	25	25	22.06	22.18	22.15		
10	16QAM	50	0	22.22	22.27	22.22		
10	64QAM	1	0	22.83	22.90	22.89	23.7	2
10	64QAM	1	25	22.74	22.80	22.75		
10	64QAM	1	49	22.80	22.81	22.78		
10	64QAM	25	0	21.18	21.26	21.25	22.7	3
10	64QAM	25	12	21.18	21.19	21.09		
10	64QAM	25	25	21.09	21.22	21.17		
10	64QAM	50	0	21.19	21.31	21.26		
10	256QAM	1	0	19.26	19.25	19.22	20.7	5
10	256QAM	1	25	19.08	19.22	19.15		
10	256QAM	1	49	19.12	19.17	19.12		
10	256QAM	25	0	19.24	19.33	19.23	20.7	5
10	256QAM	25	12	19.18	19.15	19.14		
10	256QAM	25	25	19.13	19.29	19.13		
10	256QAM	50	0	19.15	19.19	19.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.78	23.93	23.74	25.7	0
5	QPSK	1	12	23.84	23.81	23.78		
5	QPSK	1	24	23.82	23.85	23.85		
5	QPSK	12	0	23.22	23.21	23.19	24.7	1
5	QPSK	12	7	23.13	23.22	23.17		
5	QPSK	12	13	23.17	23.24	23.12		
5	QPSK	25	0	23.17	23.21	23.20		
5	16QAM	1	0	23.64	23.63	23.59	24.7	1
5	16QAM	1	12	23.53	23.65	23.60		
5	16QAM	1	24	23.54	23.65	23.58		
5	16QAM	12	0	22.13	22.25	22.16	23.7	2
5	16QAM	12	7	22.05	22.13	22.11		
5	16QAM	12	13	22.12	22.14	22.14		
5	16QAM	25	0	22.17	22.32	22.22		
5	64QAM	1	0	22.86	22.83	22.82	23.7	2
5	64QAM	1	12	22.78	22.81	22.70		
5	64QAM	1	24	22.71	22.87	22.70		
5	64QAM	12	0	21.20	21.26	21.25	22.7	3
5	64QAM	12	7	21.18	21.19	21.13		
5	64QAM	12	13	21.09	21.21	21.14		
5	64QAM	25	0	21.22	21.36	21.23		
5	256QAM	1	0	19.23	19.26	19.18	20.7	5
5	256QAM	1	12	19.16	19.24	19.15		
5	256QAM	1	24	19.15	19.17	19.11		
5	256QAM	12	0	19.31	19.25	19.17	20.7	5
5	256QAM	12	7	19.19	19.20	19.14		
5	256QAM	12	13	19.13	19.27	19.22		
5	256QAM	25	0	19.17	19.25	19.21		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.81	23.89	23.77	25.7	0
3	QPSK	1	8	23.80	23.83	23.78		
3	QPSK	1	14	23.80	23.92	23.79		
3	QPSK	8	0	23.20	23.24	23.18	24.7	1
3	QPSK	8	4	23.20	23.19	23.16		
3	QPSK	8	7	23.15	23.19	23.10		
3	QPSK	15	0	23.19	23.20	23.14		
3	16QAM	1	0	23.67	23.69	23.54	24.7	1
3	16QAM	1	8	23.54	23.58	23.59		
3	16QAM	1	14	23.52	23.62	23.57		
3	16QAM	8	0	22.17	22.29	22.20	23.7	2
3	16QAM	8	4	22.10	22.17	22.16		
3	16QAM	8	7	22.09	22.12	22.09		
3	16QAM	15	0	22.16	22.33	22.19		
3	64QAM	1	0	22.79	22.84	22.86	23.7	2
3	64QAM	1	8	22.76	22.78	22.69		
3	64QAM	1	14	22.77	22.83	22.78		
3	64QAM	8	0	21.26	21.31	21.20	22.7	3
3	64QAM	8	4	21.20	21.20	21.17		
3	64QAM	8	7	21.11	21.23	21.18		
3	64QAM	15	0	21.20	21.32	21.19		
3	256QAM	1	0	19.26	19.28	19.20	20.7	5
3	256QAM	1	8	19.14	19.20	19.13		
3	256QAM	1	14	19.12	19.26	19.14		
3	256QAM	8	0	19.25	19.26	19.16	20.7	5
3	256QAM	8	4	19.15	19.25	19.10		
3	256QAM	8	7	19.16	19.26	19.15		
3	256QAM	15	0	19.18	19.27	19.21		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.83	23.88	23.77	25.7	0
1.4	QPSK	1	3	23.79	23.90	23.76		
1.4	QPSK	1	5	23.76	23.86	23.79		
1.4	QPSK	3	0	23.83	23.91	23.77		
1.4	QPSK	3	1	23.85	23.82	23.79		
1.4	QPSK	3	3	23.81	23.94	23.83		
1.4	QPSK	6	0	23.16	23.20	23.14	24.7	1
1.4	16QAM	1	0	23.65	23.66	23.53	24.7	1
1.4	16QAM	1	3	23.50	23.58	23.58		
1.4	16QAM	1	5	23.52	23.62	23.56		
1.4	16QAM	3	0	23.17	23.20	23.15		
1.4	16QAM	3	1	23.16	23.20	23.14		
1.4	16QAM	3	3	23.11	23.25	23.16		
1.4	16QAM	6	0	22.24	22.30	22.21	23.7	2
1.4	64QAM	1	0	22.78	22.86	22.83	23.7	2
1.4	64QAM	1	3	22.75	22.84	22.76		
1.4	64QAM	1	5	22.75	22.88	22.69		
1.4	64QAM	3	0	22.21	22.25	22.21		
1.4	64QAM	3	1	22.78	22.89	22.85		
1.4	64QAM	3	3	22.76	22.77	22.77		
1.4	64QAM	6	0	21.26	21.37	21.20	22.7	3
1.4	256QAM	1	0	19.20	19.27	19.20	20.7	5
1.4	256QAM	1	3	19.11	19.25	19.07		
1.4	256QAM	1	5	19.11	19.22	19.19		
1.4	256QAM	3	0	19.29	19.32	19.20		
1.4	256QAM	3	1	19.14	19.19	19.14		
1.4	256QAM	3	3	19.20	19.26	19.13		
1.4	256QAM	6	0	19.15	19.25	19.20	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.87	23.91	23.89	25.7	0
20	QPSK	1	49	23.81	23.87	23.77		
20	QPSK	1	99	23.76	23.83	23.79		
20	QPSK	50	0	22.91	22.99	22.87	24.7	1
20	QPSK	50	24	22.79	22.98	22.78		
20	QPSK	50	50	22.78	22.87	22.81		
20	QPSK	100	0	22.75	22.86	22.75		
20	16QAM	1	0	22.99	23.06	22.96	24.7	1
20	16QAM	1	49	22.74	22.83	22.82		
20	16QAM	1	99	22.83	22.86	22.81		
20	16QAM	50	0	21.90	21.99	21.94	23.7	2
20	16QAM	50	24	21.79	21.90	21.84		
20	16QAM	50	50	21.85	21.92	21.83		
20	16QAM	100	0	21.78	21.84	21.82		
20	64QAM	1	0	21.95	22.01	21.95	23.7	2
20	64QAM	1	49	21.92	21.93	21.89		
20	64QAM	1	99	21.87	21.88	21.83		
20	64QAM	50	0	20.87	20.89	20.81	22.7	3
20	64QAM	50	24	20.78	20.84	20.76		
20	64QAM	50	50	20.73	20.84	20.82		
20	64QAM	100	0	20.82	20.87	20.82		
20	256QAM	1	0	19.01	19.10	19.02	20.7	5
20	256QAM	1	49	19.03	19.08	18.98		
20	256QAM	1	99	18.97	19.05	19.02		
20	256QAM	50	0	18.83	18.88	18.81	20.7	5
20	256QAM	50	24	18.95	19.01	18.92		
20	256QAM	50	50	18.94	19.04	18.99		
20	256QAM	100	0	18.94	18.83	18.98		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.83	23.83	23.85	25.7	0
15	QPSK	1	37	23.79	23.82	23.70		
15	QPSK	1	74	23.71	23.74	23.77		
15	QPSK	36	0	22.85	22.87	22.79	24.7	1
15	QPSK	36	20	22.76	22.85	22.75		
15	QPSK	36	39	22.72	22.77	22.80		
15	QPSK	75	0	22.70	22.79	22.76		
15	16QAM	1	0	22.95	23.01	22.94	24.7	1
15	16QAM	1	37	22.71	22.82	22.74		
15	16QAM	1	74	22.81	22.84	22.78		
15	16QAM	36	0	21.87	21.91	21.88	23.7	2
15	16QAM	36	20	21.70	21.88	21.79		
15	16QAM	36	39	21.81	21.86	21.75		
15	16QAM	75	0	21.73	21.80	21.80		
15	64QAM	1	0	21.88	21.91	21.85	23.7	2
15	64QAM	1	37	21.87	21.86	21.79		
15	64QAM	1	74	21.84	21.81	21.82		
15	64QAM	36	0	20.79	20.84	20.71	22.7	3
15	64QAM	36	20	20.70	20.78	20.70		
15	64QAM	36	39	20.70	20.78	20.79		
15	64QAM	75	0	20.73	20.77	20.72		
15	256QAM	1	0	18.93	19.01	18.94	20.7	5
15	256QAM	1	37	18.98	19.05	18.90		
15	256QAM	1	74	18.92	18.97	18.94		
15	256QAM	36	0	18.73	18.78	18.76	20.7	5
15	256QAM	36	20	18.85	18.90	18.85		
15	256QAM	36	39	18.83	19.00	18.89		
15	256QAM	75	0	18.84	18.80	18.88		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.78	23.86	23.84	25.7	0
10	QPSK	1	25	23.80	23.82	23.72		
10	QPSK	1	49	23.71	23.81	23.75		
10	QPSK	25	0	22.90	22.87	22.79	24.7	1
10	QPSK	25	12	22.71	22.83	22.77		
10	QPSK	25	25	22.70	22.84	22.75		
10	QPSK	50	0	22.75	22.80	22.72		
10	16QAM	1	0	22.89	23.03	22.95	24.7	1
10	16QAM	1	25	22.72	22.76	22.77		
10	16QAM	1	49	22.79	22.82	22.78		
10	16QAM	25	0	21.88	21.92	21.89	23.7	2
10	16QAM	25	12	21.75	21.81	21.76		
10	16QAM	25	25	21.81	21.84	21.81		
10	16QAM	50	0	21.73	21.79	21.74		
10	64QAM	1	0	21.93	21.93	21.86	23.7	2
10	64QAM	1	25	21.87	21.83	21.82		
10	64QAM	1	49	21.77	21.82	21.79		
10	64QAM	25	0	20.80	20.79	20.79	22.7	3
10	64QAM	25	12	20.86	20.79	20.83		
10	64QAM	25	25	20.76	20.83	20.72		
10	64QAM	50	0	20.72	20.84	20.79		
10	256QAM	1	0	18.99	19.07	18.94	20.7	5
10	256QAM	1	25	19.01	19.02	18.93		
10	256QAM	1	49	18.88	18.97	18.93		
10	256QAM	25	0	18.77	18.77	18.80	20.7	5
10	256QAM	25	12	18.90	18.90	18.88		
10	256QAM	25	25	18.91	18.99	18.95		
10	256QAM	50	0	18.88	18.80	18.92		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.77	23.83	23.84	25.7	0
5	QPSK	1	12	23.75	23.85	23.75		
5	QPSK	1	24	23.71	23.76	23.72		
5	QPSK	12	0	22.86	22.89	22.78	24.7	1
5	QPSK	12	7	22.71	22.78	22.71		
5	QPSK	12	13	22.70	22.79	22.78		
5	QPSK	25	0	22.79	22.79	22.70		
5	16QAM	1	0	22.94	23.02	22.95	24.7	1
5	16QAM	1	12	22.75	22.80	22.77		
5	16QAM	1	24	22.80	22.83	22.72		
5	16QAM	12	0	21.88	21.94	21.92	23.7	2
5	16QAM	12	7	21.75	21.85	21.80		
5	16QAM	12	13	21.83	21.84	21.77		
5	16QAM	25	0	21.85	21.81	21.72		
5	64QAM	1	0	21.94	22.00	21.89	23.7	2
5	64QAM	1	12	21.84	21.83	21.82		
5	64QAM	1	24	21.80	21.81	21.82		
5	64QAM	12	0	20.76	20.87	20.74	22.7	3
5	64QAM	12	7	20.74	20.83	20.71		
5	64QAM	12	13	20.77	20.73	20.76		
5	64QAM	25	0	20.75	20.78	20.74		
5	256QAM	1	0	19.00	19.02	18.93	20.7	5
5	256QAM	1	12	18.92	19.04	18.90		
5	256QAM	1	24	18.95	18.95	19.00		
5	256QAM	12	0	18.73	18.79	18.77	20.7	5
5	256QAM	12	7	18.89	18.91	18.82		
5	256QAM	12	13	18.85	19.01	18.93		
5	256QAM	25	0	18.85	18.77	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.91	23.99	23.96	25.7	0
20	QPSK	1	49	23.84	23.90	23.81		
20	QPSK	1	99	23.86	23.97	23.87		
20	QPSK	50	0	23.29	23.43	23.27	24.7	1
20	QPSK	50	24	23.13	23.41	23.14		
20	QPSK	50	50	23.24	23.30	23.26		
20	QPSK	100	0	23.16	23.26	23.21		
20	16QAM	1	0	23.23	23.34	23.31	24.7	1
20	16QAM	1	49	23.21	23.26	23.16		
20	16QAM	1	99	23.27	23.29	23.23		
20	16QAM	50	0	22.30	22.32	22.22	23.7	2
20	16QAM	50	24	22.17	22.24	22.21		
20	16QAM	50	50	22.19	22.22	22.20		
20	16QAM	100	0	22.31	22.35	22.32		
20	64QAM	1	0	22.25	22.27	22.21	23.7	2
20	64QAM	1	49	22.14	22.21	22.14		
20	64QAM	1	99	22.16	22.22	22.19		
20	64QAM	50	0	21.21	21.27	21.17	22.7	3
20	64QAM	50	24	21.12	21.18	21.08		
20	64QAM	50	50	21.18	21.25	21.22		
20	64QAM	100	0	21.29	21.36	21.30		
20	256QAM	1	0	19.39	19.42	19.40	20.7	5
20	256QAM	1	49	19.24	19.31	19.23		
20	256QAM	1	99	19.30	19.40	19.33		
20	256QAM	50	0	19.18	19.27	19.19	20.7	5
20	256QAM	50	24	19.29	19.34	19.28		
20	256QAM	50	50	19.29	19.32	19.25		
20	256QAM	100	0	19.22	19.30	19.25		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.82	23.88	23.93	25.7	0
15	QPSK	1	37	23.81	23.88	23.73		
15	QPSK	1	74	23.80	23.86	23.86		
15	QPSK	36	0	23.26	23.23	23.24	24.7	1
15	QPSK	36	20	23.05	23.19	23.06		
15	QPSK	36	39	23.17	23.21	23.24		
15	QPSK	75	0	23.11	23.18	23.15		
15	16QAM	1	0	23.19	23.24	23.26	24.7	1
15	16QAM	1	37	23.16	23.20	23.07		
15	16QAM	1	74	23.21	23.24	23.20		
15	16QAM	36	0	22.28	22.30	22.20	23.7	2
15	16QAM	36	20	22.16	22.19	22.20		
15	16QAM	36	39	22.13	22.14	22.09		
15	16QAM	75	0	22.25	22.27	22.26		
15	64QAM	1	0	22.14	22.16	22.14	23.7	2
15	64QAM	1	37	22.13	22.14	22.03		
15	64QAM	1	74	22.11	22.19	22.08		
15	64QAM	36	0	21.16	21.19	21.12	22.7	3
15	64QAM	36	20	21.10	21.14	21.00		
15	64QAM	36	39	21.09	21.21	21.18		
15	64QAM	75	0	21.25	21.26	21.20		
15	256QAM	1	0	19.34	19.35	19.31	20.7	5
15	256QAM	1	37	19.13	19.29	19.14		
15	256QAM	1	74	19.20	19.35	19.28		
15	256QAM	36	0	19.11	19.23	19.08	20.7	5
15	256QAM	36	20	19.24	19.33	19.19		
15	256QAM	36	39	19.27	19.29	19.15		
15	256QAM	75	0	19.18	19.20	19.18		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.85	23.90	23.87	25.7	0
10	QPSK	1	25	23.78	23.86	23.71		
10	QPSK	1	49	23.81	23.88	23.81		
10	QPSK	25	0	23.27	23.25	23.24	24.7	1
10	QPSK	25	12	23.07	23.22	23.06		
10	QPSK	25	25	23.16	23.19	23.23		
10	QPSK	50	0	23.05	23.21	23.18		
10	16QAM	1	0	23.21	23.28	23.20	24.7	1
10	16QAM	1	25	23.14	23.24	23.13		
10	16QAM	1	49	23.23	23.19	23.20		
10	16QAM	25	0	22.24	22.30	22.18	23.7	2
10	16QAM	25	12	22.07	22.15	22.12		
10	16QAM	25	25	22.11	22.19	22.19		
10	16QAM	50	0	22.29	22.32	22.23		
10	64QAM	1	0	22.15	22.22	22.12	23.7	2
10	64QAM	1	25	22.06	22.15	22.06		
10	64QAM	1	49	22.13	22.12	22.17		
10	64QAM	25	0	21.19	21.24	21.10	22.7	3
10	64QAM	25	12	21.10	21.08	21.01		
10	64QAM	25	25	21.10	21.19	21.20		
10	64QAM	50	0	21.24	21.31	21.22		
10	256QAM	1	0	19.35	19.37	19.31	20.7	5
10	256QAM	1	25	19.20	19.21	19.19		
10	256QAM	1	49	19.26	19.34	19.24		
10	256QAM	25	0	19.13	19.23	19.12	20.7	5
10	256QAM	25	12	19.26	19.27	19.27		
10	256QAM	25	25	19.20	19.24	19.21		
10	256QAM	50	0	19.13	19.24	19.17		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.89	23.96	23.89	25.7	0
5	QPSK	1	12	23.80	23.80	23.75		
5	QPSK	1	24	23.82	23.87	23.80		
5	QPSK	12	0	23.27	23.25	23.18	24.7	1
5	QPSK	12	7	23.06	23.21	23.08		
5	QPSK	12	13	23.15	23.27	23.16		
5	QPSK	25	0	23.05	23.16	23.13		
5	16QAM	1	0	23.21	23.26	23.26	24.7	1
5	16QAM	1	12	23.13	23.23	23.07		
5	16QAM	1	24	23.18	23.19	23.18		
5	16QAM	12	0	22.20	22.30	22.16	23.7	2
5	16QAM	12	7	22.13	22.21	22.11		
5	16QAM	12	13	22.10	22.20	22.14		
5	16QAM	25	0	22.29	22.30	22.23		
5	64QAM	1	0	22.15	22.23	22.15	23.7	2
5	64QAM	1	12	22.04	22.12	22.04		
5	64QAM	1	24	22.14	22.14	22.17		
5	64QAM	12	0	21.15	21.24	21.06	22.7	3
5	64QAM	12	7	21.07	21.12	21.03		
5	64QAM	12	13	21.08	21.15	21.19		
5	64QAM	25	0	21.19	21.34	21.21		
5	256QAM	1	0	19.36	19.33	19.36	20.7	5
5	256QAM	1	12	19.21	19.28	19.17		
5	256QAM	1	24	19.25	19.39	19.25		
5	256QAM	12	0	19.07	19.21	19.10	20.7	5
5	256QAM	12	7	19.26	19.23	19.27		
5	256QAM	12	13	19.18	19.23	19.16		
5	256QAM	25	0	19.16	19.28	19.18		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.88	23.97	23.90	25.7	0
3	QPSK	1	8	23.77	23.80	23.79		
3	QPSK	1	14	23.78	23.94	23.84		
3	QPSK	8	0	23.27	23.25	23.22	24.7	1
3	QPSK	8	4	23.03	23.19	23.03		
3	QPSK	8	7	23.14	23.25	23.24		
3	QPSK	15	0	23.09	23.22	23.13		
3	16QAM	1	0	23.20	23.29	23.22	24.7	1
3	16QAM	1	8	23.19	23.24	23.09		
3	16QAM	1	14	23.23	23.19	23.16		
3	16QAM	8	0	22.21	22.21	22.13	23.7	2
3	16QAM	8	4	22.07	22.20	22.19		
3	16QAM	8	7	22.17	22.13	22.10		
3	16QAM	15	0	22.26	22.31	22.31		
3	64QAM	1	0	22.22	22.22	22.16	23.7	2
3	64QAM	1	8	22.09	22.18	22.06		
3	64QAM	1	14	22.10	22.14	22.12		
3	64QAM	8	0	21.13	21.21	21.10	22.7	3
3	64QAM	8	4	21.03	21.09	21.04		
3	64QAM	8	7	21.13	21.19	21.12		
3	64QAM	15	0	21.23	21.29	21.20		
3	256QAM	1	0	19.33	19.37	19.37	20.7	5
3	256QAM	1	8	19.22	19.22	19.19		
3	256QAM	1	14	19.24	19.32	19.23		
3	256QAM	8	0	19.10	19.19	19.12	20.7	5
3	256QAM	8	4	19.19	19.32	19.25		
3	256QAM	8	7	19.26	19.22	19.22		
3	256QAM	15	0	19.12	19.19	19.16		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.84	23.94	23.95	25.7	0
1.4	QPSK	1	3	23.74	23.80	23.71		
1.4	QPSK	1	5	23.75	23.95	23.83		
1.4	QPSK	3	0	23.84	23.90	23.91		
1.4	QPSK	3	1	23.78	23.79	23.71		
1.4	QPSK	3	3	23.77	23.88	23.82		
1.4	QPSK	6	0	23.10	23.22	23.20	24.7	1
1.4	16QAM	1	0	23.15	23.30	23.24	24.7	1
1.4	16QAM	1	3	23.17	23.24	23.09		
1.4	16QAM	1	5	23.21	23.19	23.18		
1.4	16QAM	3	0	23.16	23.21	23.16		
1.4	16QAM	3	1	23.12	23.18	23.17		
1.4	16QAM	3	3	23.15	23.33	23.20		
1.4	16QAM	6	0	22.24	22.27	22.22	23.7	2
1.4	64QAM	1	0	22.15	22.23	22.16	23.7	2
1.4	64QAM	1	3	22.09	22.14	22.05		
1.4	64QAM	1	5	22.13	22.19	22.11		
1.4	64QAM	3	0	22.17	22.20	22.12		
1.4	64QAM	3	1	22.12	22.19	22.10		
1.4	64QAM	3	3	22.07	22.20	22.09		
1.4	64QAM	6	0	21.20	21.32	21.25	22.7	3
1.4	256QAM	1	0	19.29	19.37	19.31	20.7	5
1.4	256QAM	1	3	19.21	19.25	19.22		
1.4	256QAM	1	5	19.29	19.33	19.25		
1.4	256QAM	3	0	19.13	19.18	19.12		
1.4	256QAM	3	1	19.25	19.30	19.19		
1.4	256QAM	3	3	19.26	19.27	19.22		
1.4	256QAM	6	0	19.18	19.19	19.16	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.94	23.99	23.89	25.5	0
20	QPSK	1	49	23.89	23.93	23.83		
20	QPSK	1	99	23.86	23.89	23.80		
20	QPSK	50	0	23.04	23.11	23.01	24.5	1
20	QPSK	50	24	23.09	23.09	22.95		
20	QPSK	50	50	22.88	22.98	22.91		
20	QPSK	100	0	22.91	23.00	22.91		
20	16QAM	1	0	23.03	23.06	23.01	24.5	1
20	16QAM	1	49	22.98	23.02	22.94		
20	16QAM	1	99	22.96	23.05	22.96		
20	16QAM	50	0	22.03	22.07	22.04	23.5	2
20	16QAM	50	24	21.98	22.01	21.96		
20	16QAM	50	50	22.03	22.07	22.04		
20	16QAM	100	0	21.98	22.07	22.06		
20	64QAM	1	0	22.01	22.10	22.04	23.5	2
20	64QAM	1	49	22.01	22.08	21.98		
20	64QAM	1	99	21.96	21.99	21.90		
20	64QAM	50	0	20.97	21.06	20.97	22.5	3
20	64QAM	50	24	20.89	20.98	20.89		
20	64QAM	50	50	20.90	20.98	20.88		
20	64QAM	100	0	20.96	21.02	20.95		
20	256QAM	1	0	18.88	18.89	18.79	20.5	5
20	256QAM	1	49	18.81	18.83	18.78		
20	256QAM	1	99	18.84	18.87	18.78		
20	256QAM	50	0	18.93	19.03	18.99	20.5	5
20	256QAM	50	24	18.75	18.86	18.81		
20	256QAM	50	50	18.75	18.83	18.74		
20	256QAM	100	0	18.98	19.00	18.92		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.87	23.95	23.79	25.5	0
15	QPSK	1	37	23.86	23.91	23.77		
15	QPSK	1	74	23.81	23.82	23.73		
15	QPSK	36	0	22.97	23.04	22.95	24.5	1
15	QPSK	36	20	22.84	22.96	22.84		
15	QPSK	36	39	22.86	22.88	22.86		
15	QPSK	75	0	22.85	22.90	22.88		
15	16QAM	1	0	22.96	23.00	22.97	24.5	1
15	16QAM	1	37	22.88	22.92	22.93		
15	16QAM	1	74	22.91	23.02	22.91		
15	16QAM	36	0	21.96	21.97	22.01	23.5	2
15	16QAM	36	20	21.87	21.99	21.85		
15	16QAM	36	39	21.94	22.05	21.95		
15	16QAM	75	0	21.96	21.98	22.02		
15	64QAM	1	0	21.95	22.03	21.99	23.5	2
15	64QAM	1	37	21.97	21.98	21.90		
15	64QAM	1	74	21.92	21.93	21.80		
15	64QAM	36	0	20.93	21.00	20.86	22.5	3
15	64QAM	36	20	20.88	20.93	20.83		
15	64QAM	36	39	20.82	20.90	20.79		
15	64QAM	75	0	20.89	20.94	20.86		
15	256QAM	1	0	18.80	18.80	18.70	20.5	5
15	256QAM	1	37	18.72	18.75	18.68		
15	256QAM	1	74	18.73	18.79	18.69		
15	256QAM	36	0	18.85	18.94	18.96	20.5	5
15	256QAM	36	20	18.67	18.81	18.71		
15	256QAM	36	39	18.65	18.76	18.71		
15	256QAM	75	0	18.94	18.95	18.89		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.93	23.89	23.87	25.5	0
10	QPSK	1	25	23.81	23.85	23.81		
10	QPSK	1	49	23.77	23.78	23.69		
10	QPSK	25	0	22.96	22.99	22.93	24.5	1
10	QPSK	25	12	22.87	22.96	22.89		
10	QPSK	25	25	22.77	22.91	22.86		
10	QPSK	50	0	22.80	22.99	22.84		
10	16QAM	1	0	22.95	23.02	22.93	24.5	1
10	16QAM	1	25	22.93	22.93	22.92		
10	16QAM	1	49	22.88	22.95	22.93		
10	16QAM	25	0	21.94	21.97	21.99	23.5	2
10	16QAM	25	12	21.89	21.96	21.92		
10	16QAM	25	25	22.00	22.02	22.02		
10	16QAM	50	0	21.90	22.03	21.99		
10	64QAM	1	0	21.93	22.05	21.99	23.5	2
10	64QAM	1	25	21.91	22.01	21.96		
10	64QAM	1	49	21.87	21.92	21.89		
10	64QAM	25	0	20.87	21.01	20.94	22.5	3
10	64QAM	25	12	20.78	20.93	20.83		
10	64QAM	25	25	20.84	20.94	20.80		
10	64QAM	50	0	20.90	20.97	20.85		
10	256QAM	1	0	18.79	18.80	18.73	20.5	5
10	256QAM	1	25	18.79	18.73	18.74		
10	256QAM	1	49	18.79	18.77	18.76		
10	256QAM	25	0	18.86	18.94	18.93	20.5	5
10	256QAM	25	12	18.65	18.79	18.73		
10	256QAM	25	25	18.70	18.82	18.71		
10	256QAM	50	0	18.96	18.93	18.86		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.87	23.97	23.79	25.5	0
5	QPSK	1	12	23.88	23.87	23.78		
5	QPSK	1	24	23.77	23.87	23.79		
5	QPSK	12	0	23.01	23.03	22.99	24.5	1
5	QPSK	12	7	22.87	22.88	22.86		
5	QPSK	12	13	22.85	22.90	22.86		
5	QPSK	25	0	22.90	22.98	22.89		
5	16QAM	1	0	22.96	23.04	22.94	24.5	1
5	16QAM	1	12	22.92	22.96	22.86		
5	16QAM	1	24	22.92	22.94	22.92		
5	16QAM	12	0	21.94	22.02	21.99	23.5	2
5	16QAM	12	7	21.97	21.90	21.93		
5	16QAM	12	13	21.98	21.98	21.94		
5	16QAM	25	0	21.97	21.97	22.02		
5	64QAM	1	0	21.94	22.05	22.02	23.5	2
5	64QAM	1	12	21.94	22.06	21.91		
5	64QAM	1	24	21.94	21.89	21.87		
5	64QAM	12	0	20.86	20.98	20.91	22.5	3
5	64QAM	12	7	20.83	20.87	20.81		
5	64QAM	12	13	20.86	20.94	20.79		
5	64QAM	25	0	20.94	20.93	20.84		
5	256QAM	1	0	18.81	18.85	18.72	20.5	5
5	256QAM	1	12	18.75	18.73	18.72		
5	256QAM	1	24	18.77	18.84	18.67		
5	256QAM	12	0	18.86	18.98	18.93	20.5	5
5	256QAM	12	7	18.67	18.76	18.77		
5	256QAM	12	13	18.71	18.77	18.69		
5	256QAM	25	0	18.93	18.92	18.89		

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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				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.84	23.71	24.01	23.85	23.89	25.5	0
20	QPSK	1	49	23.92	23.93	23.99	23.91	23.90		
20	QPSK	1	99	23.89	23.94	23.98	23.97	23.89		
20	QPSK	50	0	22.93	22.92	23.02	22.87	22.91	24.5	1
20	QPSK	50	24	22.87	22.84	23.01	22.84	22.85		
20	QPSK	50	50	22.83	22.77	22.86	22.77	22.81		
20	QPSK	100	0	22.82	22.88	22.91	22.84	22.83		
20	16QAM	1	0	22.82	22.79	22.86	22.84	22.80	24.5	1
20	16QAM	1	49	22.83	22.78	22.87	22.77	22.82		
20	16QAM	1	99	22.81	22.84	22.89	22.86	22.79		
20	16QAM	50	0	21.93	21.95	22.04	22.02	22.00	23.5	2
20	16QAM	50	24	21.94	21.85	21.96	21.92	21.94		
20	16QAM	50	50	21.88	21.84	21.95	21.86	21.91		
20	16QAM	100	0	21.95	21.96	22.03	21.96	21.96		
20	64QAM	1	0	21.96	21.95	22.01	21.94	21.97	23.5	2
20	64QAM	1	49	21.96	21.92	22.01	21.92	21.92		
20	64QAM	1	99	21.95	21.91	21.96	21.92	21.92		
20	64QAM	50	0	20.84	20.87	20.91	20.83	20.82	22.5	3
20	64QAM	50	24	20.87	20.80	20.89	20.80	20.80		
20	64QAM	50	50	20.77	20.84	20.86	20.81	20.83		
20	64QAM	100	0	20.64	20.66	20.73	20.66	20.67		
20	256QAM	1	0	18.85	18.84	18.92	18.89	18.84	20.5	5
20	256QAM	1	49	18.77	18.75	18.84	18.77	18.76		
20	256QAM	1	99	18.80	18.80	18.83	18.73	18.80		
20	256QAM	50	0	18.91	18.95	18.98	18.96	18.93	20.5	5
20	256QAM	50	24	18.74	18.81	18.83	18.75	18.73		
20	256QAM	50	50	18.84	18.82	18.88	18.87	18.79		
20	256QAM	100	0	18.96	18.84	18.91	18.84	18.86		
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	23.82	23.64	23.92	23.87	23.88	26	0
15	QPSK	1	37	23.87	23.90	23.92	23.89	23.87		
15	QPSK	1	74	23.78	23.90	23.95	23.89	23.78		
15	QPSK	36	0	22.84	22.90	22.92	22.85	22.80	24.5	1
15	QPSK	36	20	22.83	22.76	22.85	22.78	22.80		
15	QPSK	36	39	22.73	22.72	22.85	22.73	22.72		
15	QPSK	75	0	22.73	22.78	22.87	22.78	22.73		
15	16QAM	1	0	22.73	22.71	22.78	22.79	22.70	24.5	1
15	16QAM	1	37	22.82	22.76	22.84	22.67	22.77		
15	16QAM	1	74	22.75	22.82	22.84	22.78	22.68		
15	16QAM	36	0	21.85	21.88	22.01	22.00	21.91	23.5	2
15	16QAM	36	20	21.88	21.79	21.94	21.83	21.90		
15	16QAM	36	39	21.84	21.75	21.85	21.80	21.90		
15	16QAM	75	0	21.90	21.92	21.98	21.91	21.91		
15	64QAM	1	0	21.88	21.92	22.00	21.86	21.92	23.5	2
15	64QAM	1	37	21.90	21.84	21.94	21.84	21.90		
15	64QAM	1	74	21.89	21.83	21.90	21.86	21.88		
15	64QAM	36	0	20.82	20.84	20.84	20.74	20.75	22.5	3
15	64QAM	36	20	20.86	20.77	20.90	20.73	20.72		
15	64QAM	36	39	20.70	20.75	20.76	20.76	20.78		
15	64QAM	75	0	20.56	20.62	20.63	20.64	20.61		
15	256QAM	1	0	18.83	18.79	18.88	18.78	18.76	20.5	5
15	256QAM	1	37	18.67	18.68	18.77	18.68	18.67		
15	256QAM	1	74	18.76	18.75	18.76	18.64	18.72		
15	256QAM	36	0	18.80	18.86	18.89	18.86	18.87	20.5	5
15	256QAM	36	20	18.70	18.77	18.74	18.68	18.66		
15	256QAM	36	39	18.81	18.78	18.85	18.82	18.74		
15	256QAM	75	0	18.77	18.78	18.80	18.77	18.78		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.81	23.69	23.99	23.80	23.88	26	0
10	QPSK	1	25	23.86	23.91	23.93	23.87	23.89		
10	QPSK	1	49	23.79	23.83	23.94	23.95	23.80		
10	QPSK	25	0	22.90	22.86	22.95	22.76	22.83	24.5	1
10	QPSK	25	12	22.79	22.77	22.85	22.74	22.83		
10	QPSK	25	25	22.75	22.72	22.81	22.73	22.78		
10	QPSK	50	0	22.78	22.83	22.83	22.74	22.74		
10	16QAM	1	0	22.74	22.68	22.83	22.77	22.71	24.5	1
10	16QAM	1	25	22.77	22.70	22.85	22.67	22.80		
10	16QAM	1	49	22.78	22.82	22.86	22.79	22.70		
10	16QAM	25	0	21.89	21.87	21.98	21.97	21.93	23.5	2
10	16QAM	25	12	21.85	21.78	21.89	21.87	21.86		
10	16QAM	25	25	21.79	21.76	21.85	21.76	21.81		
10	16QAM	50	0	21.86	21.87	21.98	21.92	21.92		
10	64QAM	1	0	21.90	21.93	21.96	21.85	21.92	23.5	2
10	64QAM	1	25	21.89	21.82	21.95	21.84	21.83		
10	64QAM	1	49	21.94	21.82	21.86	21.85	21.82		
10	64QAM	25	0	20.80	20.80	20.81	20.73	20.75	22.5	3
10	64QAM	25	12	20.77	20.78	20.84	20.78	20.72		
10	64QAM	25	25	20.74	20.75	20.81	20.70	20.81		
10	64QAM	50	0	20.61	20.62	20.64	20.58	20.60		
10	256QAM	1	0	18.83	18.81	18.86	18.81	18.80	20.5	5
10	256QAM	1	25	18.71	18.71	18.75	18.69	18.66		
10	256QAM	1	49	18.78	18.73	18.73	18.63	18.70		
10	256QAM	25	0	18.89	18.89	18.94	18.94	18.83	20.5	5
10	256QAM	25	12	18.63	18.74	18.77	18.70	18.68		
10	256QAM	25	25	18.77	18.76	18.86	18.77	18.77		
10	256QAM	50	0	18.85	18.78	18.90	18.79	18.84		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	23.81	23.63	23.98	23.77	23.85	26	0
5	QPSK	1	12	23.86	23.91	23.95	23.83	23.80		
5	QPSK	1	24	23.85	23.84	23.92	23.89	23.78		
5	QPSK	12	0	22.91	22.90	22.93	22.82	22.83	24.5	1
5	QPSK	12	7	22.85	22.81	22.82	22.80	22.79		
5	QPSK	12	13	22.81	22.76	22.80	22.73	22.72		
5	QPSK	25	0	22.73	22.81	22.81	22.76	22.72		
5	16QAM	1	0	22.74	22.72	22.75	22.80	22.69	24.5	1
5	16QAM	1	12	22.79	22.75	22.77	22.66	22.76		
5	16QAM	1	24	22.74	22.76	22.84	22.82	22.73		
5	16QAM	12	0	21.84	21.91	21.94	21.92	21.89	23.5	2
5	16QAM	12	7	21.88	21.77	21.95	21.87	21.84		
5	16QAM	12	13	21.86	21.74	21.89	21.85	21.80		
5	16QAM	25	0	21.86	21.95	21.95	21.90	21.90		
5	64QAM	1	0	21.90	21.94	22.00	21.87	21.88	23.5	2
5	64QAM	1	12	21.93	21.84	21.91	21.90	21.84		
5	64QAM	1	24	21.88	21.81	21.92	21.91	21.82		
5	64QAM	12	0	20.80	20.83	20.88	20.80	20.79	22.5	3
5	64QAM	12	7	20.73	20.79	20.88	20.76	20.78		
5	64QAM	12	13	20.67	20.79	20.80	20.80	20.78		
5	64QAM	25	0	20.55	20.57	20.65	20.64	20.57		
5	256QAM	1	0	18.76	18.79	18.90	18.79	18.76	20.5	5
5	256QAM	1	12	18.73	18.70	18.83	18.72	18.66		
5	256QAM	1	24	18.72	18.71	18.76	18.63	18.71		
5	256QAM	12	0	18.88	18.89	18.90	18.89	18.89	20.5	5
5	256QAM	12	7	18.63	18.73	18.78	18.66	18.65		
5	256QAM	12	13	18.75	18.80	18.82	18.86	18.69		
5	256QAM	25	0	18.75	18.73	18.87	18.73	18.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3440	3500	3540		
20	QPSK	1	0	22.77	22.88	22.58	24.5	0
20	QPSK	1	49	22.82	22.84	22.76		
20	QPSK	1	99	22.73	22.82	22.77		
20	QPSK	50	0	22.48	22.55	22.42	23.5	1
20	QPSK	50	24	22.32	22.54	22.38		
20	QPSK	50	50	22.47	22.48	22.44		
20	QPSK	100	0	21.94	21.99	21.98		
20	16QAM	1	0	21.88	21.96	21.91	23.5	1
20	16QAM	1	49	21.82	21.90	21.88		
20	16QAM	1	99	21.91	21.96	21.92		
20	16QAM	50	0	20.72	20.73	20.67	22.5	2
20	16QAM	50	24	20.72	20.70	20.76		
20	16QAM	50	50	20.64	20.66	20.66		
20	16QAM	100	0	20.67	20.61	20.55		
20	64QAM	1	0	20.61	20.65	20.59	22.5	2
20	64QAM	1	49	20.56	20.63	20.54		
20	64QAM	1	99	20.59	20.60	20.56		
20	64QAM	50	0	19.65	19.76	19.66	21.5	3
20	64QAM	50	24	19.64	19.72	19.69		
20	64QAM	50	50	19.64	19.67	19.62		
20	64QAM	100	0	19.58	19.67	19.57		
20	256QAM	1	0	18.08	18.14	18.05	19.5	5
20	256QAM	1	49	18.06	18.11	18.07		
20	256QAM	1	99	18.01	18.08	18.05		
20	256QAM	50	0	17.67	17.76	17.70	19.5	5
20	256QAM	50	24	17.58	17.68	17.59		
20	256QAM	50	50	17.68	17.73	17.71		
20	256QAM	100	0	17.64	17.70	17.65		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3437.5	3500	3562.5		
15	QPSK	1	0	22.75	22.86	22.52	24.5	0
15	QPSK	1	37	22.76	22.80	22.75		
15	QPSK	1	74	22.67	22.74	22.74		
15	QPSK	36	0	22.43	22.47	22.31	23.5	1
15	QPSK	36	20	22.25	22.31	22.36		
15	QPSK	36	39	22.39	22.42	22.36		
15	QPSK	75	0	21.92	21.92	21.90		
15	16QAM	1	0	21.80	21.90	21.80	23.5	1
15	16QAM	1	37	21.75	21.84	21.81		
15	16QAM	1	74	21.87	21.91	21.85		
15	16QAM	36	0	20.64	20.63	20.65	22.5	2
15	16QAM	36	20	20.67	20.68	20.73		
15	16QAM	36	39	20.53	20.62	20.65		
15	16QAM	75	0	20.57	20.60	20.69		
15	64QAM	1	0	20.52	20.61	20.50	22.5	2
15	64QAM	1	37	20.55	20.59	20.51		
15	64QAM	1	74	20.51	20.55	20.71		
15	64QAM	36	0	19.60	19.74	19.61	21.5	3
15	64QAM	36	20	19.59	19.69	19.62		
15	64QAM	36	39	19.61	19.66	19.53		
15	64QAM	75	0	19.50	19.58	19.59		
15	256QAM	1	0	17.97	18.03	17.96	19.5	5
15	256QAM	1	37	17.96	18.06	18.05		
15	256QAM	1	74	17.96	18.00	18.04		
15	256QAM	36	0	17.65	17.68	17.64	19.5	5
15	256QAM	36	20	17.57	17.62	17.56		
15	256QAM	36	39	17.62	17.71	17.65		
15	256QAM	75	0	17.59	17.67	17.60		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3435	3500	3565		
10	QPSK	1	0	22.71	22.80	22.56	24.5	0
10	QPSK	1	25	22.78	22.76	22.70		
10	QPSK	1	49	22.67	22.80	22.66		
10	QPSK	25	0	22.44	22.46	22.37	23.5	1
10	QPSK	25	12	22.21	22.36	22.30		
10	QPSK	25	25	22.40	22.39	22.37		
10	QPSK	50	0	21.85	21.93	21.90		
10	16QAM	1	0	21.77	21.86	21.83	23.5	1
10	16QAM	1	25	21.74	21.81	21.83		
10	16QAM	1	49	21.88	21.95	21.88		
10	16QAM	25	0	20.68	20.70	20.65	22.5	2
10	16QAM	25	12	20.67	20.63	20.70		
10	16QAM	25	25	20.61	20.60	20.61		
10	16QAM	50	0	20.65	20.59	20.52		
10	64QAM	1	0	20.56	20.60	20.68	22.5	2
10	64QAM	1	25	20.51	20.53	20.72		
10	64QAM	1	49	20.50	20.52	20.67		
10	64QAM	25	0	19.56	19.72	19.60	21.5	3
10	64QAM	25	12	19.55	19.66	19.68		
10	64QAM	25	25	19.55	19.64	19.54		
10	64QAM	50	0	19.52	19.58	19.58		
10	256QAM	1	0	18.02	18.13	17.96	19.5	5
10	256QAM	1	25	18.03	18.06	18.00		
10	256QAM	1	49	17.93	17.99	17.96		
10	256QAM	25	0	17.59	17.69	17.64	19.5	5
10	256QAM	25	12	17.55	17.58	17.50		
10	256QAM	25	25	17.60	17.72	17.64		
10	256QAM	50	0	17.59	17.66	17.61		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3432.5	3500	3567.5		
5	QPSK	1	0	22.76	22.86	22.55	24.5	0
5	QPSK	1	12	22.78	22.80	22.73		
5	QPSK	1	24	22.70	22.79	22.68		
5	QPSK	12	0	22.44	22.51	22.40	23.5	1
5	QPSK	12	7	22.27	22.36	22.28		
5	QPSK	12	13	22.40	22.44	22.43		
5	QPSK	25	0	21.86	21.97	21.93		
5	16QAM	1	0	21.77	21.90	21.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.39	20.58	20.46	21.2	0
20	QPSK	1	49	20.33	20.37	20.26		
20	QPSK	1	99	20.41	20.32	20.33		
20	QPSK	50	0	20.41	20.48	20.34		
20	QPSK	50	24	20.28	20.44	20.27		
20	QPSK	50	50	20.26	20.47	20.42		
20	QPSK	100	0	20.29	20.40	20.38		
20	16QAM	1	0	20.29	20.50	20.41		
20	16QAM	1	49	20.25	20.27	20.25	21.2	0
20	16QAM	1	99	20.39	20.25	20.31		
20	16QAM	50	0	20.37	20.45	20.31		
20	16QAM	50	24	20.20	20.41	20.23	21.2	0
20	16QAM	50	50	20.22	20.46	20.38		
20	16QAM	100	0	20.24	20.31	20.27		
20	64QAM	1	0	20.29	20.56	20.40		
20	64QAM	1	49	20.32	20.28	20.21	21.2	0
20	64QAM	1	99	20.38	20.29	20.22		
20	64QAM	50	0	20.34	20.47	20.32		
20	64QAM	50	24	20.23	20.41	20.17	21.2	0
20	64QAM	50	50	20.19	20.40	20.34		
20	64QAM	100	0	20.22	20.37	20.34		
20	256QAM	1	0	19.76	20.03	19.89	20.7	0.5
20	256QAM	1	49	19.77	19.79	19.71		
20	256QAM	1	99	19.84	19.79	19.73		
20	256QAM	50	0	19.82	20.01	19.84		
20	256QAM	50	24	19.72	19.88	19.72	20.7	0.5
20	256QAM	50	50	19.64	19.92	19.85		
20	256QAM	100	0	19.68	19.88	19.88		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.33	20.49	20.36	21.2	0
15	QPSK	1	37	20.27	20.33	20.17		
15	QPSK	1	74	20.31	20.29	20.25		
15	QPSK	36	0	20.38	20.44	20.26		
15	QPSK	36	20	20.23	20.35	20.20		
15	QPSK	36	39	20.17	20.43	20.38		
15	QPSK	75	0	20.28	20.36	20.35		
15	16QAM	1	0	20.21	20.48	20.31		
15	16QAM	1	37	20.19	20.16	20.17	21.2	0
15	16QAM	1	74	20.33	20.17	20.25		
15	16QAM	36	0	20.27	20.42	20.22		
15	16QAM	36	20	20.13	20.37	20.19	21.2	0
15	16QAM	36	39	20.18	20.37	20.29		
15	16QAM	75	0	20.18	20.27	20.20		
15	64QAM	1	0	20.25	20.52	20.30		
15	64QAM	1	37	20.31	20.27	20.17	21.2	0
15	64QAM	1	74	20.29	20.19	20.13		
15	64QAM	36	0	20.25	20.39	20.24		
15	64QAM	36	20	20.14	20.38	20.10	21.2	0
15	64QAM	36	39	20.13	20.30	20.29		
15	64QAM	75	0	20.18	20.35	20.27		
15	256QAM	1	0	19.66	19.99	19.79		
15	256QAM	1	37	19.72	19.68	19.62	20.7	0.5
15	256QAM	1	74	19.75	19.73	19.67		
15	256QAM	36	0	19.77	19.96	19.80		
15	256QAM	36	20	19.68	19.82	19.71	20.7	0.5
15	256QAM	36	39	19.63	19.87	19.82		
15	256QAM	75	0	19.64	19.82	19.82		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.37	20.56	20.43	21.2	0
10	QPSK	1	25	20.31	20.32	20.24		
10	QPSK	1	49	20.34	20.22	20.23		
10	QPSK	25	0	20.35	20.41	20.24		
10	QPSK	25	12	20.20	20.42	20.17	21.2	0
10	QPSK	25	25	20.15	20.37	20.32		
10	QPSK	50	0	20.24	20.36	20.34		
10	16QAM	1	0	20.25	20.45	20.35		
10	16QAM	1	25	20.14	20.21	20.17	21.2	0
10	16QAM	1	49	20.37	20.22	20.24		
10	16QAM	25	0	20.36	20.39	20.29		
10	16QAM	25	12	20.18	20.31	20.17	21.2	0
10	16QAM	25	25	20.17	20.39	20.34		
10	16QAM	50	0	20.18	20.29	20.16		
10	64QAM	1	0	20.23	20.52	20.32		
10	64QAM	1	25	20.26	20.25	20.11	21.2	0
10	64QAM	1	49	20.27	20.23	20.20		
10	64QAM	25	0	20.30	20.38	20.23		
10	64QAM	25	12	20.22	20.39	20.14	21.2	0
10	64QAM	25	25	20.14	20.33	20.31		
10	64QAM	50	0	20.14	20.30	20.27		
10	256QAM	1	0	19.71	19.94	19.87		
10	256QAM	1	25	19.67	19.75	19.65	20.7	0.5
10	256QAM	1	49	19.77	19.72	19.66		
10	256QAM	25	0	19.75	19.99	19.82		
10	256QAM	25	12	19.64	19.79	19.67	20.7	0.5
10	256QAM	25	25	19.57	19.86	19.80		
10	256QAM	50	0	19.66	19.78	19.85		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.35	20.54	20.38	21.2	0
5	QPSK	1	12	20.30	20.26	20.19		
5	QPSK	1	24	20.35	20.31	20.27		
5	QPSK	12	0	20.40	20.41	20.25		
5	QPSK	12	7	20.22	20.38	20.24	21.2	0
5	QPSK	12	13	20.22	20.46	20.36		
5	QPSK	25	0	20.22	20.37	20.31		
5	16QAM	1	0	20.23	20.41	20.30		
5	16QAM	1	12	20.16	20.18	20.17	21.2	0
5	16QAM	1	24	20.34	20.18	20.23		
5	16QAM	12	0	20.32	20.41	20.22		
5	16QAM	12	7	20.10	20.37	20.18	21.2	0
5	16QAM	12	13	20.15	20.44	20.30		
5	16QAM	25	0	20.23	20.25	20.16		
5	64QAM	1	0	20.22	20.48	20.30		
5	64QAM	1	12	20.24	20.19	20.12	21.2	0
5	64QAM	1	24	20.28	20.28	20.20		
5	64QAM	12	0	20.27	20.42	20.28		
5	64QAM	12	7	20.17	20.31	20.07	21.2	0
5	64QAM	12	13	20.12	20.33	20.26		
5	64QAM	25	0	20.13	20.30	20.29		
5	256QAM	1	0	19.74	20.02	19.86		
5	256QAM	1	12	19.72	19.73	19.65	20.7	0.5
5	256QAM	1	24	19.81	19.77	19.63		
5	256QAM	12	0	19.78	20.00	19.78		
5	256QAM	12	7	19.63	19.79	19.68	20.7	0.5
5	256QAM	12	13	19.55	19.84	19.83		
5	256QAM	25	0	19.61	19.86	19.79		

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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	20.95	21.19	21.02	20.91	21.7	0
20	QPSK	1	49	21.04	21.06	21.09	21.08		
20	QPSK	1	99	20.93	21.17	21.05	21.07		
20	QPSK	50	0	21.04	21.09	20.98	20.96		
20	QPSK	50	24	20.95	21.06	20.95	20.98		
20	QPSK	50	50	20.93	21.08	20.98	21.06		
20	QPSK	100	0	20.96	21.03	20.92	20.95		
20	16QAM	1	0	20.88	21.14	20.93	20.85		
20	16QAM	1	49	21.01	20.98	21.05	20.98		
20	16QAM	1	99	20.85	21.11	21.02	21.05		
20	16QAM	50	0	21.02	21.01	20.89	20.91		
20	16QAM	50	24	20.85	20.98	20.89	20.91		
20	16QAM	50	50	20.83	21.00	20.93	21.04		
20	16QAM	100	0	20.85	21.00	20.83	20.89		
20	64QAM	1	0	20.87	21.14	20.92	20.83		
20	64QAM	1	49	21.00	21.02	21.05	21.02		
20	64QAM	1	99	20.84	21.13	20.96	20.98		
20	64QAM	50	0	20.93	21.00	20.88	20.90		
20	64QAM	50	24	20.92	20.98	20.90	20.91		
20	64QAM	50	50	20.86	21.04	20.89	20.99		
20	64QAM	100	0	20.92	20.95	20.82	20.91		
20	256QAM	1	0	19.90	20.15	20.00	19.92		
20	256QAM	1	49	20.01	20.09	20.05	20.06	20.7	1
20	256QAM	1	99	19.98	20.22	20.10	20.11		
20	256QAM	50	0	20.07	20.12	19.93	19.96		
20	256QAM	50	24	19.97	20.10	19.97	20.02	20.7	1
20	256QAM	50	50	19.90	20.11	19.98	20.09		
20	256QAM	100	0	19.94	20.05	19.89	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	20.92	21.10	20.98	20.83	21.7	0
15	QPSK	1	37	20.96	21.01	21.06	21.04		
15	QPSK	1	74	20.88	21.09	21.01	21.04		
15	QPSK	36	0	20.94	20.99	20.94	20.91		
15	QPSK	36	20	20.85	21.00	20.89	20.90		
15	QPSK	36	39	20.87	21.03	20.87	21.00		
15	QPSK	75	0	20.91	20.96	20.85	20.91		
15	16QAM	1	0	20.82	21.09	20.88	20.81		
15	16QAM	1	37	20.98	20.95	20.96	20.90	21.7	0
15	16QAM	1	74	20.76	21.03	20.91	21.03		
15	16QAM	36	0	20.97	21.00	20.81	20.89		
15	16QAM	36	20	20.81	20.94	20.84	20.83	21.7	0
15	16QAM	36	39	20.75	20.98	20.84	20.99		
15	16QAM	75	0	20.81	20.97	20.79	20.84		
15	64QAM	1	0	20.78	21.06	20.84	20.81		
15	64QAM	1	37	20.97	20.95	20.99	20.94	21.7	0
15	64QAM	1	74	20.81	21.08	20.88	20.88		
15	64QAM	36	0	20.88	20.97	20.86	20.87		
15	64QAM	36	20	20.90	20.90	20.81	20.85	21.7	0
15	64QAM	36	39	20.79	20.94	20.87	20.88		
15	64QAM	75	0	20.86	20.89	20.75	20.83		
15	256QAM	1	0	19.83	20.06	19.92	19.84		
15	256QAM	1	37	19.93	20.03	20.04	20.01	20.7	1
15	256QAM	1	74	19.87	20.11	20.01	20.10		
15	256QAM	36	0	20.05	20.02	19.90	19.92		
15	256QAM	36	20	19.91	20.03	19.95	19.97	20.7	1
15	256QAM	36	39	19.81	20.05	19.94	20.02		
15	256QAM	75	0	19.88	20.04	19.86	19.97		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.84	21.16	21.00	20.82	21.7	0
10	QPSK	1	25	21.03	21.01	21.03	21.05		
10	QPSK	1	49	20.90	21.06	21.04	21.00		
10	QPSK	25	0	21.01	21.06	20.88	20.88		
10	QPSK	25	12	20.87	21.02	20.93	20.91		
10	QPSK	25	25	20.85	21.05	20.94	20.99		
10	QPSK	50	0	20.88	20.95	20.86	20.92		
10	16QAM	1	0	20.85	21.08	20.82	20.77		
10	16QAM	1	25	20.96	20.96	21.02	20.94	21.7	0
10	16QAM	1	49	20.82	21.07	21.00	21.01		
10	16QAM	25	0	20.93	20.95	20.79	20.85		
10	16QAM	25	12	20.83	20.93	20.81	20.87	21.7	0
10	16QAM	25	25	20.78	20.97	20.85	21.01		
10	16QAM	50	0	20.81	20.95	20.75	20.83		
10	64QAM	1	0	20.81	21.07	20.90	20.79		
10	64QAM	1	25	20.97	21.00	21.01	20.96	21.7	0
10	64QAM	1	49	20.82	21.05	20.87	20.95		
10	64QAM	25	0	20.86	20.97	20.85	20.89		
10	64QAM	25	12	20.91	20.90	20.86	20.81	21.7	0
10	64QAM	25	25	20.80	20.98	20.83	20.95		
10	64QAM	50	0	20.89	20.86	20.75	20.80		
10	256QAM	1	0	19.89	20.06	19.93	19.83		
10	256QAM	1	25	19.95	20.07	19.97	19.99	20.7	1
10	256QAM	1	49	19.92	20.19	20.09	20.01		
10	256QAM	25	0	19.99	20.03	19.90	19.89		
10	256QAM	25	12	19.95	20.05	19.94	19.93	20.7	1
10	256QAM	25	25	19.86	20.00	19.97	19.98		
10	256QAM	50	0	19.86	19.97	19.82	19.92		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.92	21.09	20.97	20.81	21.7	0
5	QPSK	1	12	20.95	20.97	21.04	21.06		
5	QPSK	1	24	20.82	21.11	20.99	21.04		
5	QPSK	12	0	20.98	21.08	20.95	20.93		
5	QPSK	12	7	20.86	21.01	20.88	20.87		
5	QPSK	12	13	20.88	21.02	20.94	21.04		
5	QPSK	25	0	20.86	21.01	20.81	20.91		
5	16QAM	1	0	20.80	21.03	20.85	20.75		
5	16QAM	1	12	20.94	20.87	20.94	20.95	21.7	0
5	16QAM	1	24	20.83	21.01	20.99	20.99		
5	16QAM	12	0	20.92	20.93	20.86	20.81		
5	16QAM	12	7	20.76	20.92	20.78	20.85	21.7	0
5	16QAM	12	13	20.78	20.92	20.83	20.96		
5	16QAM	25	0	20.81	20.91	20.82	20.80		
5	64QAM	1	0	20.81	21.13	20.90	20.77		
5	64QAM	1	12	20.90	20.98	21.00	20.98	21.7	0
5	64QAM	1	24	20.76	21.05	20.93	20.95		
5	64QAM	12	0	20.85	20.95	20.83	20.83		
5	64QAM	12	7	20.87	20.87	20.84	20.82	21.7	0
5	64QAM	12	13	20.82	20.96	20.87	20.98		
5	64QAM	25	0	20.90	20.94	20.81	20.88		
5	256QAM	1	0	19.81	20.06	19.91	19.90		
5	256QAM	1	12	19.92	20.02	19.96	19.97	20.7	1
5	256QAM	1	24	19.95	20.19	20.08	20.07		
5	256QAM	12	0	20.00	20.03	19.87	19.92		
5	256QAM	12	7	19.88	20.01	19.88	19.96	20.7	1
5	256QAM	12	13	19.85	20.01	19.90	19.99		
5	256QAM	25	0	19.89	20.00	19.87	19.91		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3490	3590	3540		
20	QPSK	1	0	20.31	20.33	20.15	21	0
20	QPSK	1	49	20.26	20.30	20.19		
20	QPSK	1	99	20.25	20.32	20.27		
20	QPSK	50	0	19.28	19.47	19.35	20	1
20	QPSK	50	24	19.21	19.45	19.26		
20	QPSK	50	50	19.29	19.34	19.27		
20	QPSK	100	0	19.25	19.30	19.26		
20	16QAM	1	0	19.24	19.32	19.30	20	1
20	16QAM	1	49	19.22	19.33	19.32		
20	16QAM	1	99	19.23	19.28	19.21		
20	16QAM	50	0	18.21	18.32	18.22	19	2
20	16QAM	50	24	18.22	18.32	18.24		
20	16QAM	50	50	18.27	18.32	18.27		
20	16QAM	100	0	18.31	18.34	18.25		
20	64QAM	1	0	18.25	18.36	18.27	19	2
20	64QAM	1	49	18.31	18.36	18.28		
20	64QAM	1	99	18.24	18.33	18.27		
20	64QAM	50	0	17.29	17.35	17.30	18	3
20	64QAM	50	24	17.33	17.35	17.30		
20	64QAM	50	50	17.26	17.31	17.29		
20	64QAM	100	0	17.27	17.35	17.33		
20	256QAM	1	0	15.35	15.38	15.28	16	5
20	256QAM	1	49	15.31	15.34	15.29		
20	256QAM	1	99	15.28	15.36	15.25		
20	256QAM	50	0	15.26	15.34	15.27	16	5
20	256QAM	50	24	15.23	15.34	15.31		
20	256QAM	50	50	15.28	15.38	15.34		
20	256QAM	100	0	15.28	15.33	15.26		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3590	3542.5		
15	QPSK	1	0	20.22	20.27	20.08	21	0
15	QPSK	1	37	20.23	20.25	20.11		
15	QPSK	1	74	20.18	20.30	20.24		
15	QPSK	36	0	19.18	19.28	19.32	20	1
15	QPSK	36	20	19.15	19.30	19.20		
15	QPSK	36	39	19.25	19.24	19.18		
15	QPSK	75	0	19.20	19.23	19.20		
15	16QAM	1	0	19.17	19.26	19.21	20	1
15	16QAM	1	37	19.13	19.23	19.28		
15	16QAM	1	74	19.15	19.22	19.11		
15	16QAM	36	0	18.12	18.30	18.14	19	2
15	16QAM	36	20	18.12	18.30	18.15		
15	16QAM	36	39	18.18	18.31	18.18		
15	16QAM	75	0	18.25	18.31	18.20		
15	64QAM	1	0	18.14	18.35	18.19	19	2
15	64QAM	1	37	18.22	18.35	18.26		
15	64QAM	1	74	18.19	18.23	18.24		
15	64QAM	36	0	17.28	17.30	17.22	18	3
15	64QAM	36	20	17.23	17.26	17.27		
15	64QAM	36	39	17.15	17.24	17.25		
15	64QAM	75	0	17.26	17.27	17.25		
15	256QAM	1	0	15.33	15.35	15.24	16	5
15	256QAM	1	37	15.28	15.27	15.24		
15	256QAM	1	74	15.19	15.25	15.18		
15	256QAM	36	0	15.16	15.24	15.17	16	5
15	256QAM	36	20	15.19	15.28	15.27		
15	256QAM	36	39	15.20	15.27	15.26		
15	256QAM	75	0	15.26	15.25	15.23		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3590	3545		
10	QPSK	1	0	20.26	20.30	20.07	21	0
10	QPSK	1	25	20.20	20.23	20.17		
10	QPSK	1	49	20.19	20.29	20.26		
10	QPSK	25	0	19.19	19.35	19.28	20	1
10	QPSK	25	12	19.13	19.29	19.18		
10	QPSK	25	25	19.26	19.33	19.18		
10	QPSK	50	0	19.24	19.24	19.20		
10	16QAM	1	0	19.18	19.29	19.25	20	1
10	16QAM	1	25	19.18	19.32	19.26		
10	16QAM	1	49	19.13	19.18	19.19		
10	16QAM	25	0	18.17	18.25	18.15	19	2
10	16QAM	25	12	18.20	18.27	18.19		
10	16QAM	25	25	18.21	18.21	18.26		
10	16QAM	50	0	18.20	18.24	18.19		
10	64QAM	1	0	18.16	18.26	18.23	19	2
10	64QAM	1	25	18.24	18.27	18.25		
10	64QAM	1	49	18.20	18.24	18.16		
10	64QAM	25	0	17.18	17.27	17.19	18	3
10	64QAM	25	12	17.29	17.29	17.26		
10	64QAM	25	25	17.21	17.28	17.23		
10	64QAM	50	0	17.19	17.27	17.29		
10	256QAM	1	0	15.29	15.30	15.25	16	5
10	256QAM	1	25	15.22	15.26	15.24		
10	256QAM	1	49	15.20	15.26	15.19		
10	256QAM	25	0	15.20	15.31	15.24	16	5
10	256QAM	25	12	15.22	15.30	15.25		
10	256QAM	25	25	15.18	15.33	15.33		
10	256QAM	50	0	15.24	15.30	15.16		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3590	3547.5		
5	QPSK	1	0	20.29	20.31	20.07	21	0
5	QPSK	1	12	20.17	20.21	20.12		
5	QPSK	1	24	20.19	20.25	20.19		
5	QPSK	12	0	19.19	19.28	19.27	20	1
5	QPSK	12	7	19.20	19.26	19.19		
5	QPSK	12	13	19.26	19.33	19.25		
5	QPSK	25	0	19.15	19.28	19.20		
5	16QAM	1	0	19.14	19.21	19.20	20	1
5	16QAM	1	12	19.21	19.26	19.30		
5	16QAM	1	24	19.19	19.20	19.19		
5	16QAM	12	0	18.12	18.31	18.20	19	2
5	16QAM	12	7	18.12	18.23	18.16		
5	16QAM	12	13	18.20	18.31	18.16		
5	16QAM	25	0	18.23	18.27	18.19		
5	64QAM	1	0	18.14	18.27	18.25	19	2
5	64QAM	1	12	18.26	18.29	18.18		
5	64QAM	1	24	18.18	18.24	18.17		
5	64QAM	12	0	17.26	17.25	17.23	18	3
5	64QAM	12	7	17.25	17.29	17.20		
5	64QAM	12	13	17.21	17.22	17.26		
5	64QAM	25	0	17.24	17.32	17.27		
5	256QAM	1	0	15.33	15.28	15.21	16	5
5	256QAM	1	12	15.20	15.31	15.18		
5	256QAM	1	24	15.23	15.33	15.16		
5	256QAM	12	0	15.20	15.26	15.23	16	5
5	256QAM	12	7	15.22	15.27	15.24		
5	256QAM	12	13	15.27	15.31	15.31		
5	256QAM	25	0	15.19	15.31	15.20		

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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	20.01	20.23	19.91	19.96	21.5	0
20	QPSK	1	49	20.15	20.17	20.13	20.14		
20	QPSK	1	99	20.10	20.14	20.07	20.06		
20	QPSK	50	0	19.18	19.35	19.17	19.10	20.5	1
20	QPSK	50	24	19.02	19.31	19.01	19.04		
20	QPSK	50	50	19.12	19.18	19.19	19.14		
20	QPSK	100	0	19.14	19.17	19.15	19.15		
20	16QAM	1	0	19.00	19.05	19.00	18.95	20.5	1
20	16QAM	1	49	18.95	18.97	18.91	18.91		
20	16QAM	1	99	18.93	19.01	18.91	18.93		
20	16QAM	50	0	18.16	18.18	18.13	18.12	19.5	2
20	16QAM	50	24	18.04	18.09	18.00	18.00		
20	16QAM	50	50	18.10	18.13	18.04	18.03		
20	16QAM	100	0	18.16	18.18	18.09	18.16		
20	64QAM	1	0	18.18	18.24	18.22	18.14	19.5	2
20	64QAM	1	49	18.08	18.10	18.04	18.00		
20	64QAM	1	99	18.07	18.11	18.05	18.07		
20	64QAM	50	0	17.11	17.19	17.08	17.15	18.5	3
20	64QAM	50	24	17.04	17.13	17.09	17.04		
20	64QAM	50	50	17.12	17.17	17.11	17.15		
20	64QAM	100	0	17.09	17.20	17.13	17.17		
20	256QAM	1	0	15.21	15.27	15.17	15.20	16.5	5
20	256QAM	1	49	15.18	15.22	15.13	15.12		
20	256QAM	1	99	15.17	15.18	15.17	15.10		
20	256QAM	50	0	15.29	15.36	15.34	15.32	16.5	5
20	256QAM	50	24	15.24	15.32	15.19	15.29		
20	256QAM	50	50	15.18	15.20	15.18	15.21		
20	256QAM	100	0	15.24	15.32	15.22	15.30		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.96	20.14	19.85	19.89	21.5	0
15	QPSK	1	37	20.11	20.09	20.09	20.06		
15	QPSK	1	74	20.00	20.09	20.01	19.99		
15	QPSK	36	0	19.10	19.11	19.11	19.02	20.5	1
15	QPSK	36	20	18.97	19.09	18.93	18.93		
15	QPSK	36	39	19.05	19.17	19.08	19.08		
15	QPSK	75	0	19.07	19.11	19.06	19.07		
15	16QAM	1	0	18.94	19.04	18.97	18.84	20.5	1
15	16QAM	1	37	18.85	18.92	18.80	18.81		
15	16QAM	1	74	18.83	18.95	18.89	18.92		
15	16QAM	36	0	18.10	18.14	18.03	18.06	19.5	2
15	16QAM	36	20	18.01	18.01	17.96	17.98		
15	16QAM	36	39	18.05	18.04	18.02	17.97		
15	16QAM	75	0	18.06	18.16	18.05	18.08		
15	64QAM	1	0	18.07	18.22	18.16	18.06	19.5	2
15	64QAM	1	37	17.98	18.00	18.02	17.99		
15	64QAM	1	74	17.97	18.08	17.98	17.97		
15	64QAM	36	0	17.05	17.15	17.06	17.07	18.5	3
15	64QAM	36	20	16.96	17.07	16.99	17.01		
15	64QAM	36	39	17.11	17.12	17.07	17.05		
15	64QAM	75	0	17.06	17.12	17.06	17.14		
15	256QAM	1	0	15.17	15.21	15.09	15.15	16.5	5
15	256QAM	1	37	15.11	15.21	15.03	15.06		
15	256QAM	1	74	15.10	15.08	15.12	15.04		
15	256QAM	36	0	15.19	15.29	15.23	15.27	16.5	5
15	256QAM	36	20	15.17	15.29	15.17	15.25		
15	256QAM	36	39	15.14	15.09	15.10	15.12		
15	256QAM	75	0	15.16	15.23	15.19	15.24		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.95	20.13	19.82	19.93	21.5	0
10	QPSK	1	25	20.14	20.14	20.05	20.10		
10	QPSK	1	49	20.00	20.12	20.00	19.95		
10	QPSK	25	0	19.12	19.12	19.12	19.08	20.5	1
10	QPSK	25	12	18.99	19.03	18.94	18.96		
10	QPSK	25	25	19.10	19.10	19.09	19.11		
10	QPSK	50	0	19.07	19.11	19.12	19.14		
10	16QAM	1	0	18.96	19.02	18.98	18.94	20.5	1
10	16QAM	1	25	18.89	18.91	18.89	18.83		
10	16QAM	1	49	18.89	18.91	18.80	18.82		
10	16QAM	25	0	18.08	18.07	18.07	18.02	19.5	2
10	16QAM	25	12	17.99	17.98	17.94	17.93		
10	16QAM	25	25	18.05	18.06	17.93	17.95		
10	16QAM	50	0	18.10	18.08	18.02	18.10		
10	64QAM	1	0	18.12	18.14	18.15	18.09	19.5	2
10	64QAM	1	25	18.05	18.03	17.97	17.97		
10	64QAM	1	49	18.01	18.03	17.98	18.01		
10	64QAM	25	0	17.02	17.11	16.98	17.05	18.5	3
10	64QAM	25	12	16.95	17.08	17.01	16.99		
10	64QAM	25	25	17.10	17.07	17.06	17.08		
10	64QAM	50	0	17.07	17.10	17.04	17.07		
10	256QAM	1	0	15.15	15.21	15.14	15.12	16.5	5
10	256QAM	1	25	15.14	15.16	15.11	15.09		
10	256QAM	1	49	15.12	15.17	15.15	15.08		
10	256QAM	25	0	15.26	15.28	15.27	15.27	16.5	5
10	256QAM	25	12	15.16	15.25	15.11	15.25		
10	256QAM	25	25	15.10	15.10	15.12	15.18		
10	256QAM	50	0	15.17	15.28	15.16	15.20		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	19.92	20.15	19.86	19.85	21.5	0
5	QPSK	1	12	20.11	20.12	20.11	20.12		
5	QPSK	1	24	20.01	20.07	20.04	19.97		
5	QPSK	12	0	19.10	19.16	19.14	19.07	20.5	1
5	QPSK	12	7	18.95	19.02	18.98	19.03		
5	QPSK	12	13	19.03	19.11	19.06	19.04		
5	QPSK	25	0	19.04	19.07	19.11	19.10		
5	16QAM	1	0	18.96	18.95	18.98	18.86	20.5	1
5	16QAM	1	12	18.92	18.88	18.84	18.85		
5	16QAM	1	24	18.89	18.93	18.85	18.82		
5	16QAM	12	0	18.14	18.16	18.12	18.07	19.5	2
5	16QAM	12	7	18.03	18.00	17.92	17.93		
5	16QAM	12	13	17.99	18.05	18.02	17.92		
5	16QAM	25	0	18.12	18.13	18.04	18.10	19.5	2
5	64QAM	1	0	18.10	18.22	18.19	18.12		
5	64QAM	1	12	17.99	18.07	17.98	17.93		
5	64QAM	1	24	18.00	18.02	17.98	18.03		
5	64QAM	12	0	17.08	17.11	17.05	17.12	18.5	3
5	64QAM	12	7	16.95	17.07	17.06	17.00		
5	64QAM	12	13	17.07	17.07	17.04	17.13		
5	64QAM	25	0	17.06	17.15	17.06	17.15		
5	256QAM	1	0	15.15	15.18	15.14	15.17	16.5	5
5	256QAM	1	12	15.09	15.14	15.07	15.06		
5	256QAM	1	24	15.12	15.12	15.15	15.09		
5	256QAM	12	0	15.18	15.30	15.26	15.25	16.5	5
5	256QAM	12	7	15.23	15.31	15.11	15.24		
5	256QAM	12	13	15.16	15.11	15.10	15.12		
5	256QAM	25	0	15.19	15.31	15.14	15.19		

Reduced Power Mode for SA DSI 8

GSM850 Ant0 DSI8

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.64	32.90	32.87	34.50	23.84	23.90	23.87	25.50
GPRS 1 Tx slot	32.89	32.91	32.81	34.50	23.89	23.91	23.81	25.50
GPRS 2 Tx slots	30.16	30.18	30.17	31.50	24.16	24.18	24.17	25.50
GPRS 3 Tx slots	28.23	28.31	28.22	29.70	23.97	24.05	23.96	25.44
GPRS 4 Tx slots	27.13	27.15	27.08	28.50	24.13	24.15	24.08	25.50
EDGE 1 Tx slot	27.29	27.31	27.28	28.50	18.29	18.31	18.28	19.50
EDGE 2 Tx slots	24.91	24.94	24.91	25.50	18.91	18.94	18.91	19.50
EDGE 3 Tx slots	23.13	23.18	23.16	23.70	18.87	18.92	18.90	19.44
EDGE 4 Tx slots	21.68	21.73	21.72	22.50	18.68	18.73	18.72	19.50

WCDMA V Ant0 DSI8

WCDMA IV Ant0 DSI8

Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1752.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.85	24.84	24.82	25.70	19.89	20.21	19.87	21.80
3GPP Rel 99	RMC 12.2Kbps	24.91	24.95	24.93	25.70	19.98	20.22	19.97	21.80
3GPP Rel 6	HSDPA Subtest-1	23.71	24.01	23.75	24.70	19.10	19.44	19.19	20.80
3GPP Rel 6	HSDPA Subtest-2	23.66	23.86	23.82	24.70	19.05	19.25	19.26	20.80
3GPP Rel 6	HSDPA Subtest-3	23.16	23.27	23.21	24.20	18.56	18.68	18.57	20.30
3GPP Rel 6	HSDPA Subtest-4	23.31	23.25	23.16	24.20	18.67	18.68	18.57	20.30
3GPP Rel 8	DC-HSDPA Subtest-1	23.61	23.69	23.63	24.70	19.00	19.11	19.06	20.80
3GPP Rel 8	DC-HSDPA Subtest-2	23.64	23.85	23.73	24.70	19.03	19.20	19.11	20.80
3GPP Rel 8	DC-HSDPA Subtest-3	23.33	23.36	23.30	24.20	18.74	18.78	18.77	20.30
3GPP Rel 8	DC-HSDPA Subtest-4	23.36	23.25	23.17	24.20	18.71	18.66	18.60	20.30
3GPP Rel 6	HSUPA Subtest-1	23.79	24.00	23.80	24.70	19.18	19.38	19.25	20.80
3GPP Rel 6	HSUPA Subtest-2	21.77	21.76	21.89	22.70	17.16	17.16	17.26	18.80
3GPP Rel 6	HSUPA Subtest-3	22.75	22.90	22.80	23.70	18.12	18.31	18.26	19.80
3GPP Rel 6	HSUPA Subtest-4	21.63	21.94	21.62	22.70	17.08	17.31	17.06	18.80
3GPP Rel 6	HSUPA Subtest-5	23.55	23.88	23.76	24.70	18.98	19.28	19.10	20.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.27	21.32	21.21	22.20	16.64	16.68	16.61	18.30

Band 4 Ant0 Other PA DSI8

BW [MHz]	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	17.97	18.21	18.03		
20	QPSK	1	49	17.92	18.15	18.05	18.7	0
20	QPSK	1	99	17.88	18.13	17.91		
20	QPSK	50	0	17.99	18.18	17.95		
20	QPSK	50	24	18.06	18.17	17.96	18.7	0
20	QPSK	50	50	17.96	18.01	17.95		
20	QPSK	100	0	18.02	18.15	18		
20	16QAM	1	0	17.87	18.17	18.01		
20	16QAM	1	49	17.82	18.13	17.95	18.7	0
20	16QAM	1	99	17.92	18.05	17.98		
20	16QAM	50	0	17.95	18.13	17.91		
20	16QAM	50	24	18.01	18.09	17.88	18.7	0
20	16QAM	50	50	17.94	17.97	17.88		
20	16QAM	100	0	17.97	18.13	17.91		
20	64QAM	1	0	17.9	18.14	17.99		
20	64QAM	1	49	17.84	18.09	18.03	18.7	0
20	64QAM	1	99	17.94	18.05	18.07		
20	64QAM	50	0	17.92	18.14	17.89		
20	64QAM	50	24	18.05	18.11	17.9	18.7	0
20	64QAM	50	50	17.93	17.91	17.92		
20	64QAM	100	0	18.01	18.1	17.9		
20	256QAM	1	0	17.92	18.14	18		
20	256QAM	1	49	17.82	18.05	17.98	18.7	0
20	256QAM	1	99	17.89	18.06	18.04		
20	256QAM	50	0	17.91	18.11	17.85		
20	256QAM	50	24	17.98	18.09	17.93	18.7	0
20	256QAM	50	50	17.88	17.99	17.89		
20	256QAM	100	0	17.95	18.13	17.93		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.88	18.12	17.97		
15	QPSK	1	37	17.85	18.05	17.98	18.7	0
15	QPSK	1	74	17.95	18.08	18.03		
15	QPSK	36	0	17.96	18.16	17.87		
15	QPSK	36	20	17.96	18.08	17.94	18.7	0
15	QPSK	36	39	17.86	17.99	17.84		
15	QPSK	75	0	18.04	18.09	17.94		
15	16QAM	1	0	17.78	18.08	17.97		
15	16QAM	1	37	17.77	18.09	17.92	18.7	0
15	16QAM	1	74	17.88	18	17.94		
15	16QAM	36	0	17.87	18.08	17.86		
15	16QAM	36	20	17.93	17.99	17.84	18.7	0
15	16QAM	36	39	17.93	17.94	17.78		
15	16QAM	75	0	17.87	18.06	17.85		
15	64QAM	1	0	17.86	18.09	17.89		
15	64QAM	1	37	17.81	18.02	17.92	18.7	0
15	64QAM	1	74	17.86	18.02	18		
15	64QAM	36	0	17.86	18.09	17.88		
15	64QAM	36	20	18	18.06	17.87	18.7	0
15	64QAM	36	39	17.84	17.84	17.83		
15	64QAM	75	0	17.9	18.07	17.85		
15	256QAM	1	0	17.87	18.09	17.91		
15	256QAM	1	37	17.72	18.03	17.87	18.7	0
15	256QAM	1	74	17.87	18.02	17.97		
15	256QAM	36	0	17.88	18.07	17.76		
15	256QAM	36	20	17.87	18.07	17.87	18.7	0
15	256QAM	36	39	17.85	17.92	17.86		
15	256QAM	75	0	17.89	18.08	17.88		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.89	18.12	17.96		
10	QPSK	1	25	17.86	18.11	18.01	18.7	0
10	QPSK	1	49	17.95	18	18.03		
10	QPSK	25	0	17.97	18.17	17.92		
10	QPSK	25	12	17.98	18.07	17.88	18.7	0
10	QPSK	25	25	17.94	17.95	17.94		
10	QPSK	50	0	18.02	18.11	17.99		
10	16QAM	1	0	17.8	18.1	17.93		
10	16QAM	1	25	17.74	18.04	17.92	18.7	0
10	16QAM	1	49	17.88	17.95	17.94		
10	16QAM	25	0	17.86	18.08	17.83		
10	16QAM	25	12	17.97	18.04	17.8	18.7	0
10	16QAM	25	25	17.86	17.88	17.78		
10	16QAM	50	0	17.96	18.1	17.8		
10	64QAM	1	0	17.85	18.09	17.91		
10	64QAM	1	25	17.74	17.99	17.98	18.7	0
10	64QAM	1	49	17.89	18.03	18.04		
10	64QAM	25	0	17.9	18.1	17.8		
10	64QAM	25	12	17.96	18.06	17.84	18.7	0
10	64QAM	25	25	17.84	17.86	17.81		
10	64QAM	50	0	17.9	18.05	17.82		
10	256QAM	1	0	17.85	18.11	17.92		
10	256QAM	1	25	17.79	18.02	17.96	18.7	0
10	256QAM	1	49	17.85	17.97	18.01		
10	256QAM	25	0	17.81	18.02	17.8		
10	256QAM	25	12	17.94	18.01	17.84	18.7	0
10	256QAM	25	25	17.83	17.92	17.85		
10	256QAM	50	0	17.89	18.11	17.89		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.93	18.12	17.94		
5	QPSK	1	12	17.88	18.06	17.97	18.7	0
5	QPSK	1	24	17.91	18.01	18.04		
5	QPSK	12	0	17.89	18.1	17.86		
5	QPSK	12	7	17.99	18.1	17.88	18.7	0
5	QPSK	12	13	17.86	17.98	17.89		
5	QPSK	25	0	17.98	18.05	17.93		
5	16QAM	1	0	17.76	18.07	17.94		
5	16QAM	1	12	17.79	18.11	17.88	18.7	0
5	16QAM	1	24	17.82	17.97	17.88		
5	16QAM	12	0	17.9	18.04	17.84		
5	16QAM	12	7	17.92	18	17.82	18.7	0
5	16QAM	12	13	17.9	17.87	17.86		
5	16QAM	25	0	17.93	18.12	17.86		
5	64QAM	1	0	17.86	18.09	17.93		
5	64QAM	1	12	17.75	18.05	17.97	18.7	0
5	64QAM	1	24	17.84	18.02	18.05		
5	64QAM	12	0	17.86	18.06	17.82		
5	64QAM	12	7	17.99	18.09	17.84	18.7	0
5	64QAM	12	13	17.91	17.85	17.84		
5	64QAM	25	0	17.96	18.05	17.87		
5	256QAM	1	0	17.82	18.07	17.98		
5	256QAM	1	12	17.8	18	17.94	18.7	0
5	256QAM	1	24	17.81	18.03	17.93		
5	256QAM	12	0	17.87	18.1	17.75		
5	256QAM	12	7	17.96	18.07	17.88	18.7	0
5	256QAM	12	13	17.86	17.95	17.82		
5	256QAM	25	0	17.92	18.03	17.82		
Channel				19965	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.86	18.16	17.94		
3	QPSK	1	8	17.86	18.05	18	18.7	0
3	QPSK	1	14	17.95	18.05	18.01		
3	QPSK	8	0	17.88	18.1	17.87		
3	QPSK	8	4	17.98	18.13	17.92	18.7	0
3	QPSK	8	7	17.9	17.95	17.93		
3	QPSK	15	0	18.02	18.04	17.95		
3	16QAM	1	0	17.85	18.06	17.96		
3	16QAM	1	8	17.76	18.09	17.91	18.7	0
3	16QAM	1	14	17.88	18.02	17.96		
3	16QAM	8	0	17.85	18.04	17.82		
3	16QAM	8	4	17.94	17.99	17.82	18.7	0
3	16QAM	8	7	17.89	17.87	17.81		
3	16QAM	15	0	17.93	18.03	17.85		
3	64QAM	1	0	17.89	18.04	17.98		
3	64QAM	1	8	17.82	18.06	17.96	18.7	0
3	64QAM	1	14	17.83	17.99	18.06		
3	64QAM	8	0	17.91	18.04	17.83		
3	64QAM	8	4	18.03	18	17.87	18.7	0
3	64QAM	8	7	17.83	17.89	17.81		
3	64QAM	15	0	17.93	18.04	17.8		
3	256QAM	1	0	17.87	18.08	17.94		
3	256QAM	1	8	17.8	18	17.94	18.7	0
3	256QAM	1	14	17.86	18.03	17.95		
3	256QAM	8	0	17.81	18.02	17.84		
3	256QAM	8	4	17.93	18.07	17.83	18.7	0
3	256QAM	8	7	17.81	17.96	17.82		
3	256QAM	15	0	17.88	18.09	17.87		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.88	18.15	18		
1.4	QPSK	1	3	17.83	18.13	18.03		
1.4	QPSK	1	5	17.92	18.09	17.98	18.7	0
1.4	QPSK	3	0	17.96	18.14	17.86		
1.4	QPSK	3	1	17.97	18.08	17.85		
1.4	QPSK	3	3	17.86	17.95	17.91		
1.4	QPSK	6	0	18.03	18.11	17.91	18.7	0
1.4	16QAM	1	0	17.79	18.11	17.95		
1.4	16QAM	1	3	17.76	18.06	17.84		
1.4	16QAM	1	5	17.82	18.02	17.91	18.7	0
1.4	16QAM	3	0	17.94	18.06	17.82		
1.4	16QAM	3	1	17.95	17.99	17.86		
1.4	16QAM	3	3	17.92	17.88	17.82		
1.4	16QAM	6	0	17.95	18.06	17.83	18.7	0
1.4	64QAM	1	0	17.83	18.04	17.97		
1.4	64QAM	1	3	17.75	18.06	18.01		
1.4	64QAM	1	5	17.9	17.96	18.03	18.7	0
1.4	64QAM	3	0	17.87	18.05	17.88		
1.4	64QAM	3	1	17.99	18.05	17.8		
1.4	64QAM	3	3	17.89	17.86	17.81		
1.4	64QAM	6	0	17.95	18.01	17.84	18.7	0
1.4	256QAM	1	0	17.87	18.05	17.9		
1.4	256QAM	1	3	17.72	18.02	17.89		
1.4	256QAM	1	5	17.85	18	18	18.7	0
1.4	256QAM	3	0	17.9	18.03	17.75		
1.4	256QAM	3	1	17.94	18.03	17.86		
1.4	256QAM	3	3	17.86	17.88	17.84		
1.4	256QAM	6	0	17.88	18.11	17.87	18.7	0

Band 5 Ant0 DSI8

BW [MHz]	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	24.89	24.93	24.9		
10	QPSK	1	25	24.87	24.89	24.84	25.7	0
10	QPSK	1	49	24.78	24.82	24.74		
10	QPSK	25	0	23.87	23.79	23.71		
10	QPSK	25	12	23.71	23.78	23.72	24.7	1
10	QPSK	25	25	23.65	23.72	23.69		
10	QPSK	50	0	23.78	23.84	23.79		
10	16QAM	1	0	24.02	24.07	24.01		
10	16QAM	1	25	23.89	23.99	23.9	24.7	1
10	16QAM	1	49	23.93	23.98	23.9		
10	16QAM	25	0	22.78	22.88	22.79		
10	16QAM	25	12	22.75	22.83	22.72	23.7	2
10	16QAM	25	25	22.77	22.79	22.73		
10	16QAM	50	0	22.77	22.84	22.76		
10	64QAM	1	0	23.02	23.09	23		
10	64QAM	1	25	22.76	22.79	22.76	23.7	2
10	64QAM	1	49	22.81	22.83	22.79		
10	64QAM	25	0	21.9	21.96	21.91		
10	64QAM	25	12	21.83	21.94	21.9	22.7	3
10	64QAM	25	25	21.89	21.93	21.85		
10	64QAM	50	0	21.84	21.89	21.85		
10	256QAM	1	0	19.71	19.81	19.76		
10	256QAM	1	25	19.67	19.73	19.7	20.7	5
10	256QAM	1	49	19.67	19.76	19.74		
10	256QAM	25	0	19.89	19.77	19.69		
10	256QAM	25	12	19.7	19.76	19.71	20.7	5
10	256QAM	25	25	19.67	19.75	19.66		
10	256QAM	50	0	19.71	19.79	19.71		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.79	24.85	24.88		
5	QPSK	1	12	24.83	24.83	24.79	25.7	0
5	QPSK	1	24	24.71	24.77	24.7		
5	QPSK	12	0	23.81	23.67	23.65		
5	QPSK	12	7	23.67	23.66	23.64	24.7	1
5	QPSK	12	13	23.64	23.63	23.65		
5	QPSK	25	0	23.67	23.8	23.74		
5	16QAM	1	0	23.94	24.05	23.97		
5	16QAM	1	12	23.85	23.95	23.85	24.7	1
5	16QAM	1	24	23.91	23.88	23.82		
5	16QAM	12	0	22.7	22.78	22.74		
5	16QAM	12	7	22.64	22.77	22.64	23.7	2
5	16QAM	12	13	22.68	22.69	22.64		
5	16QAM	25	0	22.74	22.78	22.69		
5	64QAM	1	0	22.93	23.02	22.95		
5	64QAM	1	12	22.75	22.74	22.7	23.7	2
5	64QAM	1	24	22.73	22.82	22.76		
5	64QAM	12	0	21.84	21.89	21.89		
5	64QAM	12	7	21.73	21.87	21.84	22.7	3
5	64QAM	12	13	21.87	21.86	21.77		
5	64QAM	25	0	21.75	21.85	21.83		
5	256QAM	1	0	19.66	19.8	19.66		
5	256QAM	1	12	19.62	19.68	19.66	20.7	5
5	256QAM	1	24	19.57	19.65	19.66		
5	256QAM	12	0	19.61	19.72	19.58		
5	256QAM	12	7	19.62	19.71	19.63	20.7	5
5	256QAM	12	13	19.61	19.65	19.56		
5	256QAM	25	0	19.66	19.77	19.63		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				823.5	836.5	847.5		
3	QPSK	1	0	24.81	24.83	24.83		
3	QPSK	1	8	24.8	24.82	24.82	25.7	0
3	QPSK	1	14	24.68	24.72	24.64		
3	QPSK	8	0	23.63	23.68	23.69		
3	QPSK	8	4	23.62	23.7	23.62	24.7	1
3	QPSK	8	7	23.55	23.66	23.67		
3	QPSK	15	0	23.72	23.74	23.72		
3	16QAM	1	0	23.97	24	23.96		
3	16QAM	1	8	23.84	23.92	23.85	24.7	1
3	16QAM	1	14	23.87	23.87	23.87		
3	16QAM	8	0	22.71	22.81	22.72		
3	16QAM	8	4	22.65	22.77	22.69		
3	16QAM	8	7	22.69	22.71	22.65	23.7	2
3	16QAM	15	0	22.71	22.79	22.69		
3	64QAM	1	0	22.94	23.02	22.93		
3	64QAM	1	8	22.67	22.76	22.71	23.7	2
3	64QAM	1	14	22.75	22.76	22.71		
3	64QAM	8	0	21.88	21.87	21.89		
3	64QAM	8	4	21.79	21.91	21.84	22.7	3
3	64QAM	8	7	21.86	21.89	21.82		
3	64QAM	15	0	21.81	21.86	21.8		
3	256QAM	1	0	19.63	19.74	19.66		
3	256QAM	1	8	19.58	19.64	19.67	20.7	5
3	256QAM	1	14	19.59	19.75	19.7		
3	256QAM	8	0	19.58	19.75	19.58		
3	256QAM	8	4	19.68	19.67	19.64	20.7	5
3	256QAM	8	7	19.6	19.71	19.63		
3	256QAM	15	0	19.69	19.73	19.63		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.75	24.8	24.87		
1.4	QPSK	1	3	24.79	24.7	24.82		
1.4	QPSK	1	5	24.62	24.8	24.6	25.7	0
1.4	QPSK	3	0	24.81	24.84	24.8		
1.4	QPSK	3	1	24.74	24.74	24.65		
1.4	QPSK	3	3	24.61	24.72	24.62		
1.4	QPSK	6	0	23.7	23.73	23.73	24.7	1
1.4	16QAM	1	0	23.99	24.02	23.93		
1.4	16QAM	1	3	23.89	23.89	23.89		
1.4	16QAM	1	5	23.87	23.96	23.8	24.7	1
1.4	16QAM	3	0	23.63	23.71	23.71		
1.4	16QAM	3	1	23.62	23.68	23.67		
1.4	16QAM	3	3	23.68	23.7	23.64		
1.4	16QAM	6	0	22.67	22.75	22.69	23.7	2
1.4	64QAM	1	0	22.94	22.98	22.98		
1.4	64QAM	1	3	22.74	22.74	22.7		
1.4	64QAM	1	5	22.72	22.77	22.77	23.7	2
1.4	64QAM	3	0	22.6	22.71	22.66		
1.4	64QAM	3	1	22.58	22.68	22.66		
1.4	64QAM	3	3	22.62	22.65	22.61		
1.4	64QAM	6	0	21.8	21.81	21.82	22.7	3
1.4	256QAM	1	0	19.65	19.74	19.69		
1.4	256QAM	1	3	19.59	19.72	19.61		
1.4	256QAM	1	5	19.62	19.72	19.63	20.7	5
1.4	256QAM	3	0	19.64	19.75	19.66		
1.4	256QAM	3	1	19.69	19.72	19.62		
1.4	256QAM	3	3	19.62	19.67	19.63		
1.4	256QAM	6	0	19.63	19.71	19.64	20.7	5

Band 7 Ant0 Other PA DSI8

BW [MHz]	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	22.59	22.77	22.53		
20	QPSK	1	49	22.57	22.6	22.54	23.2	0
20	QPSK	1	99	22.5	22.57	22.48		
20	QPSK	50	0	22.56	22.69	22.5		
20	QPSK	50	24	22.62	22.63	22.62	23.2	0
20	QPSK	50	50	22.52	22.61	22.63		
20	QPSK	100	0	22.5	22.68	22.62		
20	16QAM	1	0	22.52	22.71	22.48		
20	16QAM	1	49	22.47	22.51	22.47	23.2	0
20	16QAM	1	99	22.49	22.48	22.55		
20	16QAM	50	0	22.5	22.59	22.48		
20	16QAM	50	24	22.52	22.59	22.52	23.2	0
20	16QAM	50	50	22.47	22.57	22.56		
20	16QAM	100	0	22.43	22.63	22.56		
20	64QAM	1	0	22.53	22.69	22.52		
20	64QAM	1	49	22.46	22.56	22.45	23.2	0
20	64QAM	1	99	22.5	22.53	22.55		
20	64QAM	50	0	22.09	22.24	22.02		
20	64QAM	50	24	22.04	22.13	21.99	22.7	0.5
20	64QAM	50	50	22.07	22.06	22.04		
20	64QAM	100	0	22.09	22.17	22.01		
20	256QAM	1	0	20.07	20.24	20.07		
20	256QAM	1	49	20.11	20.09	20.01	20.7	2.5
20	256QAM	1	99	20.07	20.1	20.05		
20	256QAM	50	0	20.05	20.21	20.03		
20	256QAM	50	24	20.13	20.12	20.17	20.7	2.5
20	256QAM	50	50	19.99	20.13	20.18		
20	256QAM	100	0	20.01	20.22	20.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.49	22.76	22.5		
15	QPSK	1	37	22.51	22.58	22.52	23.2	0
15	QPSK	1	74	22.54	22.55	22.5		
15	QPSK	36	0	22.49	22.67	22.4		
15	QPSK	36	20	22.59	22.57	22.57	23.2	0
15	QPSK	36	39	22.46	22.57	22.57		
15	QPSK	75	0	22.48	22.64	22.6		
15	16QAM	1	0	22.44	22.63	22.38		
15	16QAM	1	37	22.44	22.4	22.45	23.2	0
15	16QAM	1	74	22.41	22.41	22.49		
15	16QAM	36	0	22.46	22.55	22.4		
15	16QAM	36	20	22.41	22.49	22.5	23.2	0
15	16QAM	36	39	22.4	22.55	22.54		
15	16QAM	75	0	22.42	22.55	22.5		
15	64QAM	1	0	22.48	22.64	22.46		
15	64QAM	1	37	22.39	22.54	22.36	23.2	0
15	64QAM	1	74	22.41	22.5	22.48		
15	64QAM	36	0	21.98	22.15	22.01		
15	64QAM	36	20	21.96	22.07	21.97	22.7	0.5
15	64QAM	36	39	22	22.01	21.94		
15	64QAM	75	0	22.06	22.11	21.95		
15	256QAM	1	0	20.05	20.16	20		
15	256QAM	1	37	20	19.98	19.91	20.7	2.5
15	256QAM	1	74	20.04	20.04	20.02		
15	256QAM	36	0	20.01	20.16	20		
15	256QAM	36	20	20.06	20.01	20.07	20.7	2.5
15	256QAM	36	39	19.95	20.11	20.11		
15	256QAM	75	0	19.9	20.19	20		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.56	22.7	22.47		
10	QPSK	1	25	22.47	22.53	22.48	23.2	0
10	QPSK	1	49	22.54	22.55	22.54		
10	QPSK	25	0	22.49	22.6	22.47		
10	QPSK	25	12	22.58	22.59	22.6	23.2	0
10	QPSK	25	25	22.5	22.57	22.55		
10	QPSK	50	0	22.48	22.58	22.59		
10	16QAM	1	0	22.51	22.66	22.37		
10	16QAM	1	25	22.43	22.43	22.45	23.2	0
10	16QAM	1	49	22.42	22.47	22.54	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.71	24.77	24.69	25.7	0
10	QPSK	1	25	24.73	24.75	24.71		
10	QPSK	1	49	24.68	24.73	24.68		
10	QPSK	25	0	23.66	23.76	23.69	24.7	1
10	QPSK	25	12	23.56	23.75	23.53		
10	QPSK	25	25	23.55	23.63	23.58		
10	QPSK	50	0	23.65	23.71	23.59		
10	16QAM	1	0	23.46	23.56	23.49	24.7	1
10	16QAM	1	25	23.6	23.62	23.58		
10	16QAM	1	49	23.6	23.69	23.62		
10	16QAM	25	0	22.86	22.96	22.93	23.7	2
10	16QAM	25	12	22.88	22.89	22.81		
10	16QAM	25	25	22.83	22.91	22.82		
10	16QAM	50	0	22.82	22.87	22.78		
10	64QAM	1	0	22.96	23.03	22.98	23.7	2
10	64QAM	1	25	22.9	22.91	22.88		
10	64QAM	1	49	22.79	22.89	22.83		
10	64QAM	25	0	21.79	21.85	21.8	22.7	3
10	64QAM	25	12	21.76	21.81	21.77		
10	64QAM	25	25	21.73	21.8	21.77		
10	64QAM	50	0	21.74	21.8	21.74		
10	256QAM	1	0	19.87	19.95	19.84	20.7	5
10	256QAM	1	25	19.82	19.88	19.86		
10	256QAM	1	49	19.81	19.91	19.81		
10	256QAM	25	0	19.66	19.75	19.64	20.7	5
10	256QAM	25	12	19.87	19.9	19.86		
10	256QAM	25	25	19.8	19.89	19.83		
10	256QAM	50	0	19.82	19.85	19.77		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.6	24.67	24.64	25.7	0
5	QPSK	1	12	24.69	24.7	24.61		
5	QPSK	1	24	24.65	24.64	24.6		
5	QPSK	12	0	23.59	23.63	23.63	24.7	1
5	QPSK	12	7	23.53	23.55	23.52		
5	QPSK	12	13	23.5	23.58	23.5		
5	QPSK	25	0	23.8	23.79	23.74		
5	16QAM	1	0	23.36	23.5	23.4	24.7	1
5	16QAM	1	12	23.56	23.57	23.52		
5	16QAM	1	24	23.59	23.62	23.59		
5	16QAM	12	0	22.79	22.91	22.84	23.7	2
5	16QAM	12	7	22.82	22.84	22.7		
5	16QAM	12	13	22.73	22.83	22.76		
5	16QAM	25	0	22.8	22.85	22.69		
5	64QAM	1	0	22.87	22.92	22.88	23.7	2
5	64QAM	1	12	22.82	22.83	22.81		
5	64QAM	1	24	22.73	22.8	22.74		
5	64QAM	12	0	21.71	21.81	21.72	22.7	3
5	64QAM	12	7	21.7	21.71	21.68		
5	64QAM	12	13	21.69	21.71	21.71		
5	64QAM	25	0	21.72	21.78	21.65		
5	256QAM	1	0	19.79	19.91	19.79	20.7	5
5	256QAM	1	12	19.76	19.79	19.77		
5	256QAM	1	24	19.75	19.84	19.72		
5	256QAM	12	0	19.6	19.67	19.55	20.7	5
5	256QAM	12	7	19.83	19.84	19.79		
5	256QAM	12	13	19.76	19.78	19.76		
5	256QAM	25	0	19.71	19.79	19.74		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.66	24.84	24.73	25.7	0
15	QPSK	1	37	24.73	24.8	24.79		
15	QPSK	1	74	24.81	24.76	24.74		
15	QPSK	36	0	23.84	23.91	23.83	24.7	1
15	QPSK	36	20	23.71	23.89	23.72		
15	QPSK	36	39	23.72	23.78	23.73		
15	QPSK	75	0	23.75	23.79	23.72		
15	16QAM	1	0	23.78	23.84	23.76	24.7	1
15	16QAM	1	37	23.8	23.83	23.79		
15	16QAM	1	74	23.65	23.73	23.62		
15	16QAM	36	0	22.81	22.9	22.8	23.7	2
15	16QAM	36	20	22.86	22.88	22.79		
15	16QAM	36	39	22.72	22.79	22.72		
15	16QAM	75	0	22.73	22.77	22.68		
15	64QAM	1	0	22.9	22.97	22.94	23.7	2
15	64QAM	1	37	22.73	22.82	22.71		
15	64QAM	1	74	22.81	22.82	22.77		
15	64QAM	36	0	21.82	21.84	21.79	22.7	3
15	64QAM	36	20	21.68	21.76	21.69		
15	64QAM	36	39	21.79	21.82	21.73		
15	64QAM	75	0	21.75	21.76	21.72		
15	256QAM	1	0	20.15	20.21	20.14	20.7	5
15	256QAM	1	37	20.13	20.15	20.11		
15	256QAM	1	74	20.12	20.19	20.17		
15	256QAM	36	0	19.77	19.81	19.77	20.7	5
15	256QAM	36	20	19.67	19.77	19.72		
15	256QAM	36	39	19.72	19.79	19.74		
15	256QAM	75	0	19.71	19.73	19.64		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.62	24.8	24.69	25.7	0
10	QPSK	1	25	24.64	24.75	24.71		
10	QPSK	1	49	24.58	24.66	24.68		
10	QPSK	25	0	23.82	23.83	23.81	24.7	1
10	QPSK	25	12	23.69	23.78	23.71		
10	QPSK	25	25	23.64	23.68	23.62		
10	QPSK	50	0	23.74	23.7	23.67		
10	16QAM	1	0	23.72	23.76	23.68	24.7	1
10	16QAM	1	25	23.7	23.75	23.73		
10	16QAM	1	49	23.56	23.64	23.59		
10	16QAM	25	0	22.71	22.81	22.73	23.7	2
10	16QAM	25	12	22.84	22.83	22.72		
10	16QAM	25	25	22.67	22.71	22.68		
10	16QAM	50	0	22.7	22.73	22.57		
10	64QAM	1	0	22.86	22.87	22.92	23.7	2
10	64QAM	1	25	22.7	22.76	22.68		
10	64QAM	1	49	22.7	22.78	22.67		
10	64QAM	25	0	21.76	21.83	21.68	22.7	3
10	64QAM	25	12	21.67	21.71	21.67		
10	64QAM	25	25	21.77	21.78	21.67		
10	64QAM	50	0	21.73	21.7	21.65		
10	256QAM	1	0	20.12	20.17	20.05	20.7	5
10	256QAM	1	25	20.02	20.05	20.03		
10	256QAM	1	49	20.09	20.15	20.16		
10	256QAM	25	0	19.69	19.75	19.74	20.7	5
10	256QAM	25	12	19.64	19.72	19.7		
10	256QAM	25	25	19.69	19.71	19.68		
10	256QAM	50	0	19.66	19.63	19.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.58	24.8	24.66	25.7	0
5	QPSK	1	12	24.7	24.77	24.77		
5	QPSK	1	24	24.62	24.74	24.65		
5	QPSK	12	0	23.75	23.84	23.79	24.7	1
5	QPSK	12	7	23.64	23.76	23.66		
5	QPSK	12	13	23.66	23.7	23.62		
5	QPSK	25	0	23.71	23.74	23.69		
5	16QAM	1	0	23.69	23.74	23.66	24.7	1
5	16QAM	1	12	23.73	23.77	23.76		
5	16QAM	1	24	23.58	23.68	23.54		
5	16QAM	12	0	22.76	22.81	22.76	23.7	2
5	16QAM	12	7	22.84	22.79	22.77		
5	16QAM	12	13	22.65	22.76	22.69		
5	16QAM	25	0	22.64	22.76	22.62		
5	64QAM	1	0	22.86	22.88	22.86	23.7	2
5	64QAM	1	12	22.64	22.75	22.61		
5	64QAM	1	24	22.79	22.81	22.71		
5	64QAM	12	0	21.72	21.8	21.77	22.7	3
5	64QAM	12	7	21.61	21.67	21.66		
5	64QAM	12	13	21.73	21.74	21.69		
5	64QAM	25	0	21.67	21.74	21.67		
5	256QAM	1	0	20.11	20.16	20.13	20.7	5
5	256QAM	1	12	20.11	20.11	20.09		
5	256QAM	1	24	20.11	20.14	20.14		
5	256QAM	12	0	19.74	19.71	19.7	20.7	5
5	256QAM	12	7	19.61	19.72	19.63		
5	256QAM	12	13	19.61	19.74	19.71		
5	256QAM	25	0	19.7	19.69	19.61		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.59	24.75	24.7	25.7	0
3	QPSK	1	8	24.68	24.78	24.69		
3	QPSK	1	14	24.6	24.67	24.67		
3	QPSK	8	0	23.78	23.84	23.79	24.7	1
3	QPSK	8	4	23.62	23.81	23.7		
3	QPSK	8	7	23.63	23.71	23.64		
3	QPSK	15	0	23.74	23.72	23.65		
3	16QAM	1	0	23.74	23.76	23.69	24.7	1
3	16QAM	1	8	23.74	23.72	23.69		
3	16QAM	1	14	23.59	23.71	23.59		
3	16QAM	8	0	22.78	22.8	22.7	23.7	2
3	16QAM	8	4	22.85	22.8	22.75		
3	16QAM	8	7	22.62	22.71	22.64		
3	16QAM	15	0	22.71	22.67	22.62		
3	64QAM	1	0	22.81	22.94	22.89	23.7	2
3	64QAM	1	8	22.71	22.81	22.67		
3	64QAM	1	14	22.72	22.76	22.7		
3	64QAM	8	0	21.75	21.78	21.71	22.7	3
3	64QAM	8	4	21.59	21.71	21.62		
3	64QAM	8	7	21.75	21.71	21.65		
3	64QAM	15	0	21.65	21.67	21.63		
3	256QAM	1	0	20.13	20.18	20.13	20.7	5
3	256QAM	1	8	20.07	20.08	20.04		
3	256QAM	1	14	20.07	20.14	20.09		
3	256QAM	8	0	19.68	19.73	19.67	20.7	5
3	256QAM	8	4	19.66	19.74	19.62		
3	256QAM	8	7	19.67	19.72	19.7		
3	256QAM	15	0	19.67	19.65	19.61		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.56	24.81	24.65	25.7	0
1.4	QPSK	1	3	24.69	24.7	24.69		
1.4	QPSK	1	5	24.63	24.67	24.72		
1.4	QPSK	3	0	24.49	24.71	24.58		
1.4	QPSK	3	1	24.62	24.65	24.58		
1.4	QPSK	3	3	24.61	24.64	24.69		
1.4	QPSK	6	0	23.72	23.69	23.63	24.7	1
1.4	16QAM	1	0	23.72	23.79	23.66	24.7	1
1.4	16QAM	1	3	23.77	23.75	23.69		
1.4	16QAM	1	5	23.61	23.63	23.52		
1.4	16QAM	3	0	23.62	23.67	23.57		
1.4	16QAM	3	1	23.67	23.65	23.58		
1.4	16QAM	3	3	23.67	23.58	23.54		
1.4	16QAM	6	0	22.72	22.67	22.67	23.7	2
1.4	64QAM	1	0	22.8	22.89	22.85	23.7	2
1.4	64QAM	1	3	22.64	22.77	22.63		
1.4	64QAM	1	5	22.78	22.79	22.69		
1.4	64QAM	3	0	22.66	22.59	22.64		
1.4	64QAM	3	1	22.75	22.83	22.78		
1.4	64QAM	3	3	22.61	22.74	22.55		
1.4	64QAM	6	0	21.64	21.69	21.65	22.7	3
1.4	256QAM	1	0	20.08	20.17	20.11	20.7	5
1.4	256QAM	1	3	20.04	20.06	20		
1.4	256QAM	1	5	20.02	20.17	20.14		
1.4	256QAM	3	0	19.7	19.74	19.69		
1.4	256QAM	3	1	19.58	19.67	19.62		
1.4	256QAM	3	3	19.67	19.73	19.68		
1.4	256QAM	6	0	19.61	19.69	19.59	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.81	16.09	15.83	17.5	0
20	QPSK	1	49	15.91	16.06	15.94		
20	QPSK	1	99	15.96	16.01	15.78		
20	QPSK	50	0	15.93	16.06	15.89	17.5	0
20	QPSK	50	24	15.88	16.05	15.85		
20	QPSK	50	50	15.87	16	15.82		
20	QPSK	100	0	15.98	15.99	15.82		
20	16QAM	1	0	15.76	16.05	15.8	17.5	0
20	16QAM	1	49	15.82	16	15.93		
20	16QAM	1	99	15.95	15.99	15.7		
20	16QAM	50	0	15.85	16.01	15.83		
20	16QAM	50	24	15.78	16.02	15.78		
20	16QAM	50	50	15.76	15.9	15.74		
20	16QAM	100	0	15.92	15.93	15.78		
20	64QAM	1	0	15.7	16.02	15.75	17.5	0
20	64QAM	1	49	15.86	15.98	15.89		
20	64QAM	1	99	15.86	15.93	15.77		
20	64QAM	50	0	15.9	16.01	15.8		
20	64QAM	50	24	15.85	16.04	15.82		
20	64QAM	50	50	15.76	15.97	15.78		
20	64QAM	100	0	15.97	15.89	15.75		
20	256QAM	1	0	15.71	16.05	15.78	17.5	0
20	256QAM	1	49	15.82	15.96	15.92		
20	256QAM	1	99	15.93	15.94	15.75		
20	256QAM	50	0	15.84	15.95	15.85		
20	256QAM	50	24	15.78	16	15.76		
20	256QAM	50	50	15.78	15.95	15.77		
20	256QAM	100	0	15.92	15.9	15.73		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.74	16.04	15.78	17.5	0
15	QPSK	1	37	15.83	15.95	15.87		
15	QPSK	1	74	15.93	15.99	15.76		
15	QPSK	36	0	15.9	15.99	15.79	17.5	0
15	QPSK	36	20	15.78	15.94	15.74		
15	QPSK	36	39	15.85	15.96	15.77		
15	QPSK	75	0	15.91	15.9	15.71		
15	16QAM	1	0	15.73	16	15.76	17.5	0
15	16QAM	1	37	15.79	15.98	15.83		
15	16QAM	1	74	15.9	15.92	15.6		
15	16QAM	36	0	15.79	15.96	15.81	17.5	0
15	16QAM	36	20	15.68	15.97	15.75		
15	16QAM	36	39	15.7	15.82	15.66		
15	16QAM	75	0	15.82	15.88	15.68		
15	64QAM	1	0	15.68	15.95	15.72	17.5	0
15	64QAM	1	37	15.83	15.9	15.81		
15	64QAM	1	74	15.84	15.86	15.75		
15	64QAM	36	0	15.86	15.9	15.79	17.5	0
15	64QAM	36	20	15.81	16	15.78		
15	64QAM	36	39	15.72	15.89	15.68		
15	64QAM	75	0	15.87	15.86	15.66		
15	256QAM	1	0	15.68	15.95	15.74	17.5	0
15	256QAM	1	37	15.75	15.95	15.81		
15	256QAM	1	74	15.89	15.88	15.7		
15	256QAM	36	0	15.8	15.84	15.76	17.5	0
15	256QAM	36	20	15.74	15.91	15.68		
15	256QAM	36	39	15.71	15.9	15.76		
15	256QAM	75	0	15.85	15.82	15.64		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.78	16.07	15.73	17.5	0
10	QPSK	1	25	15.89	15.99	15.86		
10	QPSK	1	49	15.86	15.9	15.75		
10	QPSK	25	0	15.91	16.02	15.79	17.5	0
10	QPSK	25	12	15.83	15.98	15.78		
10	QPSK	25	25	15.78	15.99	15.75		
10	QPSK	50	0	15.97	15.96	15.71		
10	16QAM	1	0	15.67	16.03	15.75	17.5	0
10	16QAM	1	25	15.74	15.98	15.87		
10	16QAM	1	49	15.9	15.96	15.69		
10	16QAM	25	0	15.81	15.96	15.78	17.5	0
10	16QAM	25	12	15.69	15.93	15.73		
10	16QAM	25	25	15.73	15.83	15.68		
10	16QAM	50	0	15.84	15.91	15.69		
10	64QAM	1	0	15.61	15.94	15.73	17.5	0
10	64QAM	1	25	15.85	15.97	15.84		
10	64QAM	1	49	15.75	15.87	15.69		
10	64QAM	25	0	15.82	15.99	15.72	17.5	0
10	64QAM	25	12	15.8	16.01	15.78		
10	64QAM	25	25	15.73	15.95	15.75		
10	64QAM	50	0	15.87	15.85	15.64		
10	256QAM	1	0	15.64	16.04	15.73	17.5	0
10	256QAM	1	25	15.76	15.92	15.91		
10	256QAM	1	49	15.88	15.87	15.67		
10	256QAM	25	0	15.82	15.91	15.81	17.5	0
10	256QAM	25	12	15.73	15.93	15.7		
10	256QAM	25	25	15.71	15.89	15.69		
10	256QAM	50	0	15.83	15.8	15.7		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.77	15.99	15.78	17.5	0
5	QPSK	1	12	15.89	15.99	15.84		
5	QPSK	1	24	15.93	15.91	15.72		
5	QPSK	12	0	15.88	16	15.8	17.5	0
5	QPSK	12	7	15.83	15.97	15.8		
5	QPSK	12	13	15.77	15.96	15.81		
5	QPSK	25	0	15.92	15.93	15.8		
5	16QAM	1	0	15.68	16	15.69	17.5	0
5	16QAM	1	12	15.73	15.94	15.87		
5	16QAM	1	24	15.87	15.91	15.6		
5	16QAM	12	0	15.81	15.95	15.81	17.5	0
5	16QAM	12	7	15.7	15.98	15.72		
5	16QAM	12	13	15.68	15.83	15.71		
5	16QAM	25	0	15.87	15.83	15.73		
5	64QAM	1	0	15.68	15.95	15.73	17.5	0
5	64QAM	1	12	15.78	15.91	15.87		
5	64QAM	1	24	15.79	15.91	15.67		
5	64QAM	12	0	15.81	15.94	15.75	17.5	0
5	64QAM	12	7	15.81	15.99	15.75		
5	64QAM	12	13	15.65	15.89	15.75		
5	64QAM	25	0	15.9	15.88	15.72		
5	256QAM	1	0	15.64	16	15.77	17.5	0
5	256QAM	1	12	15.74	15.88	15.83		
5	256QAM	1	24	15.87	15.86	15.69		
5	256QAM	12	0	15.8	15.85	15.76	17.5	0
5	256QAM	12	7	15.69	15.89	15.71		
5	256QAM	12	13	15.72	15.9	15.71		
5	256QAM	25	0	15.87	15.81	15.67		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.77	16.01	15.81	17.5	0
3	QPSK	1	8	15.83	16.03	15.85		
3	QPSK	1	14	15.93	15.95	15.74		
3	QPSK	8	0	15.84	15.99	15.87	17.5	0
3	QPSK	8	4	15.78	16.01	15.77		
3	QPSK	8	7	15.81	15.98	15.78		
3	QPSK	15	0	15.88	15.92	15.78		
3	16QAM	1	0	15.69	16.03	15.75	17.5	0
3	16QAM	1	8	15.81	15.98	15.85		
3	16QAM	1	14	15.87	15.91	15.66		
3	16QAM	8	0	15.81	15.95	15.77	17.5	0
3	16QAM	8	4	15.7	15.92	15.76		
3	16QAM	8	7	15.73	15.86	15.64		
3	16QAM	15	0	15.83	15.87	15.75		
3	64QAM	1	0	15.64	15.92	15.65	17.5	0
3	64QAM	1	8	15.83	15.95	15.85		
3	64QAM	1	14	15.75	15.83	15.68		
3	64QAM	8	0	15.84	15.91	15.77	17.5	0
3	64QAM	8	4	15.75	16.02	15.76		
3	64QAM	8	7	15.68	15.94	15.7		
3	64QAM	15	0	15.93	15.81	15.64		
3	256QAM	1	0	15.66	15.97	15.68	17.5	0
3	256QAM	1	8	15.78	15.91	15.86		
3	256QAM	1	14	15.84	15.9	15.71		
3	256QAM	8	0	15.82	15.91	15.82	17.5	0
3	256QAM	8	4	15.72	15.93	15.68		
3	256QAM	8	7	15.76	15.85	15.66		
3	256QAM	15	0	15.88	15.8	15.67		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.76	15.99	15.73	17.5	0
1.4	QPSK	1	3	15.84	15.97	15.87		
1.4	QPSK	1	5	15.9	15.93	15.68		
1.4	QPSK	3	0	15.9	16.03	15.85		
1.4	QPSK	3	1	15.81	15.97	15.76		
1.4	QPSK	3	3	15.81	15.99	15.75		
1.4	QPSK	6	0	15.93	15.93	15.8	17.5	0
1.4	16QAM	1	0	15.71	15.96	15.69	17.5	0
1.4	16QAM	1	3	15.79	15.98	15.88		
1.4	16QAM	1	5	15.93	15.95	15.68		
1.4	16QAM	3	0	15.84	15.99	15.76		
1.4	16QAM	3	1	15.76

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	24.20	24.29	24.23	24.7	0
20	QPSK	1	49	24.19	24.09	24.08		
20	QPSK	1	99	24.13	24.16	24.16		
20	QPSK	50	0	24.09	24.24	24.15	24.7	0
20	QPSK	50	24	24.21	24.19	24.10		
20	QPSK	50	50	24.16	24.12	24.13		
20	QPSK	100	0	24.13	24.21	24.19		
20	16QAM	1	0	24.17	24.25	24.19	24.7	0
20	16QAM	1	49	24.13	23.98	24.03		
20	16QAM	1	99	24.04	24.14	24.11		
20	16QAM	50	0	23.23	23.26	23.23	23.7	1
20	16QAM	50	24	23.14	23.11	23.13		
20	16QAM	50	50	23.10	23.17	23.18		
20	16QAM	100	0	23.06	23.22	23.14		
20	64QAM	1	0	23.25	23.23	23.07	23.7	1
20	64QAM	1	49	23.13	23.09	23.09		
20	64QAM	1	99	23.12	23.20	23.21		
20	64QAM	50	0	22.20	22.25	22.28	22.7	2
20	64QAM	50	24	22.18	22.08	22.12		
20	64QAM	50	50	22.14	22.20	22.21		
20	64QAM	100	0	22.04	22.21	22.14		
20	256QAM	1	0	20.16	20.29	20.19	20.7	4
20	256QAM	1	49	20.18	20.12	20.03		
20	256QAM	1	99	20.16	20.16	20.19		
20	256QAM	50	0	20.12	20.19	20.18	20.7	4
20	256QAM	50	24	20.23	20.23	20.09		
20	256QAM	50	50	20.20	20.17	20.13		
20	256QAM	100	0	20.13	20.22	20.14		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	24.18	24.23	24.12	24.7	0
15	QPSK	1	37	24.09	24.03	24.04		
15	QPSK	1	74	24.12	24.13	24.10		
15	QPSK	36	0	24.02	24.14	24.14	24.7	0
15	QPSK	36	20	24.12	24.16	24.03		
15	QPSK	36	39	24.14	24.06	24.03		
15	QPSK	75	0	24.10	24.19	24.10		
15	16QAM	1	0	24.11	24.15	24.09	24.7	0
15	16QAM	1	37	24.04	23.96	23.96		
15	16QAM	1	74	23.94	24.07	24.04		
15	16QAM	36	0	23.18	23.19	23.21	23.7	1
15	16QAM	36	20	23.13	23.06	23.02		
15	16QAM	36	39	23.00	23.10	23.15		
15	16QAM	75	0	23.02	23.16	23.11		
15	64QAM	1	0	23.18	23.13	23.04	23.7	1
15	64QAM	1	37	23.05	23.08	23.01		
15	64QAM	1	74	23.02	23.13	23.13		
15	64QAM	36	0	22.18	22.21	22.19	22.7	2
15	64QAM	36	20	22.09	22.04	22.05		
15	64QAM	36	39	22.07	22.13	22.15		
15	64QAM	75	0	22.01	22.19	22.11		
15	256QAM	1	0	20.09	20.27	20.11	20.7	4
15	256QAM	1	37	20.11	20.10	19.95		
15	256QAM	1	74	20.12	20.05	20.17		
15	256QAM	36	0	20.05	20.15	20.13	20.7	4
15	256QAM	36	20	20.17	20.19	20.03		
15	256QAM	36	39	20.11	20.10	20.08		
15	256QAM	75	0	20.06	20.20	20.07		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	24.09	24.20	24.16	24.7	0
10	QPSK	1	25	24.16	23.99	23.99		
10	QPSK	1	49	24.11	24.13	24.12		
10	QPSK	25	0	24.03	24.13	24.06	24.7	0
10	QPSK	25	12	24.15	24.10	24.07		
10	QPSK	25	25	24.08	24.02	24.10		
10	QPSK	50	0	24.04	24.16	24.16		
10	16QAM	1	0	24.07	24.21	24.15	24.7	0
10	16QAM	1	25	24.12	23.88	23.95		
10	16QAM	1	49	23.96	24.13	24.06		
10	16QAM	25	0	23.18	23.22	23.14	23.7	1
10	16QAM	25	12	23.10	23.06	23.05		
10	16QAM	25	25	23.02	23.08	23.08		
10	16QAM	50	0	22.98	23.13	23.11		
10	64QAM	1	0	23.21	23.20	23.02	23.7	1
10	64QAM	1	25	23.11	23.01	23.06		
10	64QAM	1	49	23.06	23.11	23.12		
10	64QAM	25	0	22.14	22.17	22.25	22.7	2
10	64QAM	25	12	22.14	21.98	22.02		
10	64QAM	25	25	22.06	22.11	22.17		
10	64QAM	50	0	21.94	22.16	22.05		
10	256QAM	1	0	20.14	20.24	20.13	20.7	4
10	256QAM	1	25	20.07	20.01	19.99		
10	256QAM	1	49	20.14	20.11	20.16		
10	256QAM	25	0	20.04	20.09	20.15	20.7	4
10	256QAM	25	12	20.18	20.20	20.01		
10	256QAM	25	25	20.18	20.14	20.11		
10	256QAM	50	0	20.08	20.17	20.05		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	24.12	24.28	24.18	24.7	0
5	QPSK	1	12	24.10	24.02	24.03		
5	QPSK	1	24	24.11	24.11	24.08		
5	QPSK	12	0	23.99	24.17	24.12	24.7	0
5	QPSK	12	7	24.13	24.16	24.04		
5	QPSK	12	13	24.11	24.03	24.06		
5	QPSK	25	0	24.03	24.17	24.13		
5	16QAM	1	0	24.10	24.22	24.17	24.7	0
5	16QAM	1	12	24.09	23.93	24.00		
5	16QAM	1	24	23.94	24.07	24.03		
5	16QAM	12	0	23.17	23.25	23.20	23.7	1
5	16QAM	12	7	23.09	23.02	23.04		
5	16QAM	12	13	23.06	23.06	23.11		
5	16QAM	25	0	23.01	23.18	23.10		
5	64QAM	1	0	23.19	23.13	23.04	23.7	1
5	64QAM	1	12	23.04	23.05	23.04		
5	64QAM	1	24	23.09	23.13	23.12		
5	64QAM	12	0	22.16	22.17	22.25	22.7	2
5	64QAM	12	7	22.14	22.02	22.07		
5	64QAM	12	13	22.07	22.14	22.18		
5	64QAM	25	0	21.96	22.12	22.10		
5	256QAM	1	0	20.06	20.27	20.12	20.7	4
5	256QAM	1	12	20.10	20.03	20.02		
5	256QAM	1	24	20.10	20.13	20.13		
5	256QAM	12	0	20.08	20.11	20.13	20.7	4
5	256QAM	12	7	20.22	20.21	20.07		
5	256QAM	12	13	20.15	20.08	20.06		
5	256QAM	25	0	20.08	20.13	20.08		

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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	24.27	24.24	24.39	24.30	24.25	24.7	0
20	QPSK	1	49	24.21	24.16	24.24	24.15	24.28		
20	QPSK	1	99	24.16	24.24	24.23	24.17	24.19		
20	QPSK	50	0	24.19	24.24	24.29	24.17	24.23	24.7	0
20	QPSK	50	24	24.21	24.19	24.24	24.16	24.13		
20	QPSK	50	50	24.24	24.18	24.25	24.28	24.25		
20	QPSK	100	0	24.25	24.15	24.36	24.23	24.13		
20	16QAM	1	0	24.20	24.19	24.37	24.27	24.20	24.7	0
20	16QAM	1	49	24.19	24.13	24.21	24.07	24.21		
20	16QAM	1	99	24.12	24.19	24.16	24.16	24.12		
20	16QAM	50	0	23.26	23.26	23.44	23.30	23.25	23.7	1
20	16QAM	50	24	23.25	23.13	23.21	23.12	23.25		
20	16QAM	50	50	23.13	23.28	23.24	23.18	23.21		
20	16QAM	100	0	23.19	23.24	23.32	23.13	23.18		
20	64QAM	1	0	23.19	23.22	23.19	23.14	23.14	23.7	1
20	64QAM	1	49	23.25	23.16	23.27	23.25	23.21		
20	64QAM	1	99	23.21	23.18	23.41	23.22	23.11		
20	64QAM	50	0	22.23	22.28	22.40	22.34	22.21	22.7	2
20	64QAM	50	24	22.24	22.17	22.25	22.10	22.26		
20	64QAM	50	50	22.12	22.24	22.21	22.18	22.19		
20	64QAM	100	0	22.20	22.25	22.28	22.17	22.21		
20	256QAM	1	0	20.23	20.20	20.38	20.31	20.28	20.7	4
20	256QAM	1	49	20.26	20.19	20.19	20.17	20.31		
20	256QAM	1	99	20.19	20.26	20.26	20.19	20.16		
20	256QAM	50	0	20.15	20.25	20.28	20.13	20.27	20.7	4
20	256QAM	50	24	20.17	20.18	20.22	20.18	20.16		
20	256QAM	50	50	20.25	20.21	20.25	20.31	20.23		
20	256QAM	100	0	20.20	20.13	20.39	20.23	20.16		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.21	24.18	24.29	24.26	24.20	25	0
15	QPSK	1	37	24.12	24.06	24.17	24.09	24.20		
15	QPSK	1	74	24.08	24.19	24.15	24.07	24.14		
15	QPSK	36	0	24.15	24.16	24.19	24.11	24.19	24.7	0
15	QPSK	36	20	24.18	24.09	24.20	24.13	24.09		
15	QPSK	36	39	24.14	24.11	24.18	24.25	24.23		
15	QPSK	75	0	24.23	24.08	24.34	24.12	24.10		
15	16QAM	1	0	24.16	24.17	24.30	24.19	24.15	24.7	0
15	16QAM	1	37	24.07	24.05	24.19	24.04	24.16		
15	16QAM	1	74	24.10	24.11	24.07	24.14	24.08		
15	16QAM	36	0	23.21	23.24	23.37	23.25	23.15	23.7	1
15	16QAM	36	20	23.20	23.06	23.12	23.08	23.15		
15	16QAM	36	39	23.10	23.18	23.17	23.11	23.18		
15	16QAM	75	0	23.10	23.22	23.31	23.04	23.07		
15	64QAM	1	0	23.15	23.13	23.09	23.11	23.07	23.7	1
15	64QAM	1	37	23.14	23.09	23.21	23.24	23.16		
15	64QAM	1	74	23.17	23.09	23.38	23.11	23.04		
15	64QAM	36	0	22.15	22.26	22.30	22.31	22.11	22.7	2
15	64QAM	36	20	22.22	22.11	22.22	22.07	22.18		
15	64QAM	36	39	22.02	22.22	22.19	22.08	22.15		
15	64QAM	75	0	22.10	22.18	22.25	22.12	22.16		
15	256QAM	1	0	20.15	20.16	20.29	20.20	20.27	20.7	4
15	256QAM	1	37	20.17	20.14	20.13	20.08	20.25		
15	256QAM	1	74	20.10	20.20	20.20	20.18	20.08		
15	256QAM	36	0	20.08	20.15	20.20	20.11	20.16	20.7	4
15	256QAM	36	20	20.15	20.15	20.17	20.11	20.09		
15	256QAM	36	39	20.14	20.11	20.19	20.24	20.14		
15	256QAM	75	0	20.18	20.09	20.32	20.14	20.13		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.17	24.19	24.31	24.28	24.15	25	0
10	QPSK	1	25	24.19	24.10	24.15	24.07	24.22		
10	QPSK	1	49	24.08	24.18	24.17	24.16	24.09		
10	QPSK	25	0	24.09	24.20	24.21	24.08	24.22	24.7	0
10	QPSK	25	12	24.10	24.09	24.14	24.13	24.04		
10	QPSK	25	25	24.15	24.08	24.16	24.19	24.22		
10	QPSK	50	0	24.20	24.05	24.33	24.18	24.12		
10	16QAM	1	0	24.14	24.15	24.35	24.21	24.16	24.7	0
10	16QAM	1	25	24.14	24.07	24.10	24.01	24.14		
10	16QAM	1	49	24.02	24.14	24.13	24.08	24.07		
10	16QAM	25	0	23.16	23.17	23.40	23.24	23.16	23.7	1
10	16QAM	25	12	23.19	23.05	23.18	23.10	23.16		
10	16QAM	25	25	23.08	23.25	23.14	23.16	23.12		
10	16QAM	50	0	23.10	23.16	23.30	23.05	23.11		
10	64QAM	1	0	23.12	23.16	23.10	23.12	23.07	23.7	1
10	64QAM	1	25	23.17	23.11	23.20	23.16	23.15		
10	64QAM	1	49	23.19	23.11	23.37	23.18	23.08		
10	64QAM	25	0	22.20	22.27	22.36	22.27	22.12	22.7	2
10	64QAM	25	12	22.16	22.14	22.17	22.00	22.20		
10	64QAM	25	25	22.05	22.20	22.18	22.07	22.10		
10	64QAM	50	0	22.17	22.21	22.22	22.11	22.17		
10	256QAM	1	0	20.12	20.16	20.36	20.24	20.26	20.7	4
10	256QAM	1	25	20.24	20.09	20.13	20.09	20.27		
10	256QAM	1	49	20.10	20.16	20.20	20.10	20.10		
10	256QAM	25	0	20.04	20.17	20.23	20.05	20.19	20.7	4
10	256QAM	25	12	20.07	20.15	20.16	20.13	20.07		
10	256QAM	25	25	20.15	20.15	20.19	20.23	20.15		
10	256QAM	50	0	20.11	20.10	20.38	20.18	20.05		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.24	24.23	24.31	24.21	24.16	25	0
5	QPSK	1	12	24.14	24.07	24.20	24.07	24.18		
5	QPSK	1	24	24.06	24.20	24.21	24.07	24.09		
5	QPSK	12	0	24.15	24.18	24.20	24.07	24.16	24.7	0
5	QPSK	12	7	24.16	24.09	24.17	24.11	24.12		
5	QPSK	12	13	24.13	24.12	24.18	24.18	24.14		
5	QPSK	25	0	24.15	24.09	24.28	24.18	24.05		
5	16QAM	1	0	24.17	24.10	24.30	24.20	24.11	24.7	0
5	16QAM	1	12	24.13	24.07	24.17	24.00	24.17		
5	16QAM	1	24	24.11	24.18	24.15	24.09	24.06		
5	16QAM	12	0	23.23	23.24	23.38	23.20	23.19	23.7	1
5	16QAM	12	7	23.16	23.11	23.19	23.04	23.22		
5	16QAM	12	13	23.04	23.24	23.14	23.16	23.15		
5	16QAM	25	0	23.17	23.13	23.31	23.07	23.13		
5	64QAM	1	0	23.17	23.20	23.08	23.07	23.10	23.7	1
5	64QAM	1	12	23.20	23.07	23.18	23.22	23.12		
5	64QAM	1	24	23.12	23.16	23.38	23.17	23.08		
5	64QAM	12	0	22.16	22.18	22.36	22.25	22.12	22.7	2
5	64QAM	12	7	22.15	22.08	22.22	22.03	22.17		
5	64QAM	12	13	22.02	22.20	22.15	22.13	22.10		
5	64QAM	25	0	22.16	22.18	22.24	22.15	22.16		
5	256QAM	1	0	20.13	20.18	20.34	20.21	20.22	20.7	4
5	256QAM	1	12	20.22	20.12	20.13	20.11	20.29		
5	256QAM	1	24	20.18	20.23	20.18	20.12	20.06		
5	256QAM	12	0	20.12	20.18	20.21	20.09	20.19	20.7	4
5	256QAM	12	7	20.16	20.09	20.14	20.10	20.10		
5	256QAM	12	13	20.23	20.18	20.16	20.24	20.13		
5	256QAM	25	0	20.14	20.12	20.38	20.15	20.08		

GSM850 Ant1 DSI8

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.13	28.34	28.18	29.50	19.13	19.34	19.18	20.50
GPRS 1 Tx slot	27.98	28.28	28.14	29.50	18.98	19.28	19.14	20.50
GPRS 2 Tx slots	25.32	25.39	25.40	26.50	19.32	19.39	19.40	20.50
GPRS 3 Tx slots	23.43	23.52	23.55	24.70	19.17	19.26	19.29	20.44
GPRS 4 Tx slots	22.21	22.44	22.24	23.50	19.21	19.44	19.24	20.50
EDGE 1 Tx slot	22.79	22.98	22.83	23.50	13.79	13.98	13.83	14.50
EDGE 2 Tx slots	19.95	20.06	19.94	20.50	13.95	14.06	13.94	14.50
EDGE 3 Tx slots	18.29	18.32	18.25	18.70	14.03	14.06	13.99	14.44
EDGE 4 Tx slots	17.32	17.25	17.32	17.50	14.32	14.25	14.32	14.50

WCDMA V Ant1 DSI8

WCDMA IV Ant1 DSI8

Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.18	19.35	19.37	20.50	18.29	18.33	18.22	20.00
3GPP Rel 99	RMC 12.2Kbps	19.22	19.44	19.42	20.50	18.35	18.41	18.31	20.00
3GPP Rel 6	HSDPA Subtest-1	17.59	17.92	17.56	19.50	17.05	17.40	17.19	19.00
3GPP Rel 6	HSDPA Subtest-2	17.57	17.77	17.70	19.50	17.18	17.28	17.21	19.00
3GPP Rel 6	HSDPA Subtest-3	17.09	17.28	17.12	19.00	16.56	16.80	16.68	18.50
3GPP Rel 6	HSDPA Subtest-4	17.19	17.13	17.12	19.00	16.78	16.67	16.64	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.53	17.64	17.60	19.50	17.05	17.05	17.07	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.39	17.74	17.70	19.50	17.02	17.24	17.18	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.23	17.18	17.25	19.00	16.76	16.76	16.81	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.22	17.17	17.04	19.00	16.81	16.64	16.62	18.50
3GPP Rel 6	HSUPA Subtest-1	17.64	17.84	17.73	19.50	17.13	17.33	17.16	19.00
3GPP Rel 6	HSUPA Subtest-2	15.71	15.67	15.80	17.50	15.18	15.16	15.22	17.00
3GPP Rel 6	HSUPA Subtest-3	16.67	16.77	16.74	18.50	16.20	16.30	16.30	18.00
3GPP Rel 6	HSUPA Subtest-4	15.49	15.79	15.46	17.50	15.05	15.24	15.11	17.00
3GPP Rel 6	HSUPA Subtest-5	17.49	17.83	17.66	19.50	17.01	17.36	17.22	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.19	15.14	14.95	17.00	14.71	14.64	14.57	16.50

Band 4 Ant1 Other PA DSI8

BW [MHz]	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	17.74	17.95	17.69	18.7	0
20	QPSK	1	49	17.81	17.77	17.74		
20	QPSK	1	99	17.81	17.87	17.83		
20	QPSK	50	0	17.78	17.89	17.71		
20	QPSK	50	24	17.74	17.81	17.74	18.7	0
20	QPSK	50	50	17.74	17.88	17.79		
20	QPSK	100	0	17.78	17.83	17.82		
20	16QAM	1	0	17.68	17.85	17.67		
20	16QAM	1	49	17.72	17.75	17.63	18.7	0
20	16QAM	1	99	17.83	17.78	17.81		
20	16QAM	50	0	17.76	17.86	17.82		
20	16QAM	50	24	17.68	17.74	17.73	18.7	0
20	16QAM	50	50	17.69	17.78	17.75		
20	16QAM	100	0	17.73	17.82	17.73		
20	64QAM	1	0	17.69	17.60	17.61		
20	64QAM	1	49	17.77	17.74	17.71	18.7	0
20	64QAM	1	99	17.85	17.82	17.73		
20	64QAM	50	0	17.73	17.86	17.67		
20	64QAM	50	24	17.67	17.79	17.72	18.7	0
20	64QAM	50	50	17.68	17.81	17.74		
20	64QAM	100	0	17.72	17.78	17.73		
20	256QAM	1	0	17.64	17.88	17.64		
20	256QAM	1	49	17.74	17.70	17.67	18.7	0
20	256QAM	1	99	17.89	17.79	17.80		
20	256QAM	50	0	17.70	17.80	17.61		
20	256QAM	50	24	17.65	17.75	17.71	18.7	0
20	256QAM	50	50	17.72	17.86	17.73		
20	256QAM	100	0	17.69	17.77	17.80		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.66	17.88	17.58	18.7	0
15	QPSK	1	37	17.78	17.69	17.64		
15	QPSK	1	74	17.85	17.84	17.81		
15	QPSK	36	0	17.75	17.80	17.68		
15	QPSK	36	20	17.68	17.74	17.68		
15	QPSK	36	39	17.68	17.76	17.69		
15	QPSK	75	0	17.77	17.75	17.78		
15	16QAM	1	0	17.61	17.78	17.57		
15	16QAM	1	37	17.63	17.68	17.52	18.7	0
15	16QAM	1	74	17.79	17.71	17.78		
15	16QAM	36	0	17.71	17.76	17.59		
15	16QAM	36	20	17.63	17.68	17.63	18.7	0
15	16QAM	36	39	17.67	17.70	17.73		
15	16QAM	75	0	17.64	17.73	17.63		
15	64QAM	1	0	17.58	17.84	17.56		
15	64QAM	1	37	17.75	17.66	17.61	18.7	0
15	64QAM	1	74	17.82	17.78	17.65		
15	64QAM	36	0	17.63	17.85	17.60		
15	64QAM	36	20	17.63	17.71	17.64	18.7	0
15	64QAM	36	39	17.59	17.76	17.66		
15	64QAM	75	0	17.64	17.75	17.68		
15	256QAM	1	0	17.63	17.85	17.56		
15	256QAM	1	37	17.69	17.65	17.64	18.7	0
15	256QAM	1	74	17.83	17.70	17.74		
15	256QAM	36	0	17.63	17.74	17.54		
15	256QAM	36	20	17.55	17.64	17.62	18.7	0
15	256QAM	36	39	17.65	17.80	17.64		
15	256QAM	75	0	17.66	17.76	17.74		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.72	17.85	17.69	18.7	0
10	QPSK	1	25	17.72	17.69	17.69		
10	QPSK	1	49	17.83	17.78	17.77		
10	QPSK	25	0	17.72	17.85	17.68		
10	QPSK	25	12	17.71	17.72	17.67	18.7	0
10	QPSK	25	25	17.68	17.78	17.78		
10	QPSK	50	0	17.73	17.76	17.80		
10	16QAM	1	0	17.66	17.76	17.62		
10	16QAM	1	25	17.68	17.68	17.58	18.7	0
10	16QAM	1	49	17.74	17.71	17.78		
10	16QAM	25	0	17.66	17.82	17.54		
10	16QAM	25	12	17.57	17.68	17.66	18.7	0
10	16QAM	25	25	17.62	17.68	17.69		
10	16QAM	50	0	17.67	17.72	17.67		
10	64QAM	1	0	17.63	17.88	17.60		
10	64QAM	1	25	17.76	17.65	17.63	18.7	0
10	64QAM	1	49	17.83	17.77	17.67		
10	64QAM	25	0	17.70	17.79	17.60		
10	64QAM	25	12	17.57	17.74	17.67	18.7	0
10	64QAM	25	25	17.58	17.71	17.73		
10	64QAM	50	0	17.66	17.68	17.66		
10	256QAM	1	0	17.62	17.83	17.54		
10	256QAM	1	25	17.72	17.66	17.66	18.7	0
10	256QAM	1	49	17.79	17.77	17.72		
10	256QAM	25	0	17.60	17.71	17.54		
10	256QAM	25	12	17.66	17.66	17.66	18.7	0
10	256QAM	25	25	17.68	17.82	17.70		
10	256QAM	50	0	17.65	17.75	17.72		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.67	17.94	17.59	18.7	0
5	QPSK	1	12	17.79	17.72	17.66		
5	QPSK	1	24	17.82	17.76	17.78		
5	QPSK	12	0	17.68	17.83	17.61		
5	QPSK	12	7	17.70	17.71	17.66	18.7	0
5	QPSK	12	13	17.71	17.84	17.69		
5	QPSK	25	0	17.68	17.76	17.73		
5	16QAM	1	0	17.66	17.79	17.65		
5	16QAM	1	12	17.67	17.67	17.57	18.7	0
5	16QAM	1	24	17.79	17.72	17.74		
5	16QAM	12	0	17.68	17.84	17.55		
5	16QAM	12	7	17.59	17.67	17.70	18.7	0
5	16QAM	12	13	17.64	17.74	17.65		
5	16QAM	25	0	17.66	17.79	17.63		
5	64QAM	1	0	17.62	17.82	17.57		
5	64QAM	1	12	17.71	17.63	17.67	18.7	0
5	64QAM	1	24	17.79	17.74	17.72		
5	64QAM	12	0	17.72	17.81	17.65		
5	64QAM	12	7	17.59	17.69	17.66	18.7	0
5	64QAM	12	13	17.64	17.80	17.66		
5	64QAM	25	0	17.63	17.76	17.63		
5	256QAM	1	0	17.57	17.77	17.62		
5	256QAM	1	12	17.67	17.62	17.57	18.7	0
5	256QAM	1	24	17.85	17.78	17.75		
5	256QAM	12	0	17.59	17.76	17.57		
5	256QAM	12	7	17.63	17.65	17.66	18.7	0
5	256QAM	12	13	17.69	17.85	17.64		
5	256QAM	25	0	17.63	17.70	17.71		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.68	17.86	17.62	18.7	0
3	QPSK	1	8	17.70	17.68	17.65		
3	QPSK	1	14	17.80	17.80	17.78		
3	QPSK	8	0	17.74	17.79	17.66		
3	QPSK	8	4	17.63	17.72	17.65	18.7	0
3	QPSK	8	7	17.72	17.79	17.75		
3	QPSK	15	0	17.73	17.80	17.72		
3	16QAM	1	0	17.65	17.81	17.66		
3	16QAM	1	8	17.61	17.65	17.54	18.7	0
3	16QAM	1	14	17.75	17.74	17.75		
3	16QAM	8	0	17.73	17.78	17.60		
3	16QAM	8	4	17.61	17.70	17.68	18.7	0
3	16QAM	8	7	17.61	17.67	17.70		
3	16QAM	15	0	17.64	17.80	17.71		
3	64QAM	1	0	17.63	17.87	17.54		
3	64QAM	1	8	17.66	17.65	17.61	18.7	0
3	64QAM	1	14	17.75	17.74	17.68		
3	64QAM	8	0	17.64	17.80	17.62		
3	64QAM	8	4	17.63	17.78	17.66	18.7	0
3	64QAM	8	7	17.66	17.76	17.70		
3	64QAM	15	0	17.68	17.88	17.72		
3	256QAM	1	0	17.61	17.81	17.58	18.7	0
3	256QAM	1	8	17.73	17.65	17.61		
3	256QAM	1	14	17.82	17.75	17.72		
3	256QAM	8	0	17.60	17.73	17.51	18.7	0
3	256QAM	8	4	17.64	17.64	17.66		
3	256QAM	8	7	17.69	17.76	17.65		
3	256QAM	15	0	17.59	17.71	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	17.65	17.89	17.64	18.7	0
1.4	QPSK	1	3	17.72	17.73	17.67		
1.4	QPSK	1	5	17.80	17.82	17.75		
1.4	QPSK	3	0	17.77	17.82	17.70		
1.4	QPSK	3	1	17.69	17.79	17.64		
1.4	QPSK	3	3	17.72	17.85	17.71		
1.4	QPSK	6	0	17.70	17.79	17.73		
1.4	16QAM	1	0	17.61	17.80	17.57	18.7	0
1.4	16QAM	1	3	17.66	17.70	17.59		
1.4	16QAM	1	5	17.73	17.71	17.77		
1.4	16QAM	3	0	17.72	17.79	17.59		
1.4	16QAM	3	1	17.58	17.69	17.71		
1.4	16QAM	3	3	17.63	17.73	17.69		
1.4	16QAM	6	0	17.65	17.77	17.70	18.7	0
1.4	64QAM	1	0	17.64	17.82	17.54	18.7	0
1.4	64QAM	1	3	17.71	17.67	17.60		
1.4	64QAM	1	5	17.79	17.74	17.70		
1.4	64QAM	3	0	17.70	17.82	17.57		
1.4	64QAM	3	1	17.62	17.76	17.69		
1.4	64QAM	3	3	17.62	17.75	17.70		
1.4	64QAM	6	0	17.67	17.69	17.63	18.7	0
1.4	256QAM	1	0	17.62	17.79	17.54	18.7	0
1.4	256QAM	1	3	17.71	17.65	17.63		
1.4	256QAM	1	5	17.79	17.73	17.72		
1.4	256QAM	3	0	17.60	17.73	17.56		
1.4	256QAM	3	1	17.64	17.64	17.61		
1.4	256QAM	3	3	17.70	17.79	17.63		
1.4	256QAM	6	0	17.62	17.76	17.77	18.7	0

Band 5 Ant1 DSI8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.39	20.61	20.44	21.5	0
10	QPSK	1	25	20.45	20.43	20.41		
10	QPSK	1	49	20.42	20.52	20.37		
10	QPSK	25	0	20.43	20.55	20.46		
10	QPSK	25	12	20.52	20.53	20.50	21.5	0
10	QPSK	25	25	20.43	20.43	20.45		
10	QPSK	50	0	20.52	20.55	20.52		
10	16QAM	1	0	20.38	20.60	20.38	21.5	0
10	16QAM	1	25	20.43	20.33	20.30		
10	16QAM	1	49	20.33	20.50	20.36		
10	16QAM	25	0	20.35	20.51	20.44		
10	16QAM	25	12	20.44	20.45	20.40	21.5	0
10	16QAM	25	25	20.36	20.42	20.41		
10	16QAM	50	0	20.50	20.45	20.43		
10	64QAM	1	0	20.35	20.56	20.34		
10	64QAM	1	25	20.34	20.32	20.39	21.5	0
10	64QAM	1	49	20.39	20.42	20.28		
10	64QAM	25	0	20.41	20.50	20.36		
10	64QAM	25	12	20.48	20.46	20.46	21.5	0
10	64QAM	25	25	20.36	20.40	20.40		
10	64QAM	50	0	20.50	20.53	20.45		
10	256QAM	1	0	19.42	19.65	19.42		
10	256QAM	1	25	19.45	19.39	19.37	20.5	1
10	256QAM	1	49	19.39	19.56	19.36		
10	256QAM	25	0	19.46	19.59	19.41		
10	256QAM	25	12	19.55	19.50	19.47	20.5	1
10	256QAM	25	25	19.40	19.42	19.46		
10	256QAM	50	0	19.50	19.59	19.57		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.32	20.50	20.42	21.5	0
5	QPSK	1	12	20.36	20.37	20.31		
5	QPSK	1	24	20.33	20.43	20.34		
5	QPSK	12	0	20.42	20.48	20.43		
5	QPSK	12	7	20.46	20.50	20.43	21.5	0
5	QPSK	12	13	20.42	20.36	20.39		
5	QPSK	25	0	20.49	20.50	20.46		
5	16QAM	1	0	20.31	20.55	20.34		
5	16QAM	1	12	20.33	20.25	20.23	21.5	0
5	16QAM	1	24	20.30	20.40	20.34		
5	16QAM	12	0	20.27	20.48	20.34		
5	16QAM	12	7	20.40	20.37	20.35	21.5	0
5	16QAM	12	13	20.31	20.34	20.39		
5	16QAM	25	0	20.43	20.39	20.38		
5	64QAM	1	0	20.27	20.47	20.26		
5	64QAM	1	12	20.28	20.26	20.37	21.5	0
5	64QAM	1	24	20.31	20.39	20.24		
5	64QAM	12	0	20.36	20.39	20.27		
5	64QAM	12	7	20.44	20.40	20.37	21.5	0
5	64QAM	12	13	20.30	20.29	20.39		
5	64QAM	25	0	20.43	20.44	20.36		
5	256QAM	1	0	19.38	19.55	19.39	20.5	1
5	256QAM	1	12	19.42	19.38	19.33		
5	256QAM	1	24	19.37	19.52	19.28		
5	256QAM	12	0	19.42	19.51	19.33		
5	256QAM	12	7	19.44	19.40	19.42	20.5	1
5	256QAM	12	13	19.34	19.37	19.41		
5	256QAM	25	0	19.43	19.57	19.50		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.37	20.54	20.38	21.5	0
3	QPSK	1	8	20.38	20.36	20.30		
3	QPSK	1	14	20.37	20.48	20.33		
3	QPSK	8	0	20.35	20.46	20.43		
3	QPSK	8	4	20.49	20.47	20.41	21.5	0
3	QPSK	8	7	20.35	20.41	20.38		
3	QPSK	15	0	20.49	20.52	20.51		
3	16QAM	1	0	20.34	20.51	20.29		
3	16QAM	1	8	20.38	20.32	20.26	21.5	0
3	16QAM	1	14	20.22	20.48	20.29		
3	16QAM	8	0	20.31	20.49	20.42		
3	16QAM	8	4	20.37	20.36	20.34	21.5	0
3	16QAM	8	7	20.26	20.38	20.34		
3	16QAM	15	0	20.41	20.34	20.41		
3	64QAM	1	0	20.33	20.51	20.25		
3	64QAM	1	8	20.31	20.26	20.32	21.5	0
3	64QAM	1	14	20.33	20.32	20.18		
3	64QAM	8	0	20.36	20.47	20.28		
3	64QAM	8	4	20.37	20.44	20.40	21.5	0
3	64QAM	8	7	20.34	20.30	20.38		
3	64QAM	15	0	20.41	20.46	20.35		
3	256QAM	1	0	19.33	19.61	19.38	20.5	1
3	256QAM	1	8	19.37	19.28	19.35		
3	256QAM	1	14	19.29	19.49	19.28		
3	256QAM	8	0	19.37	19.56	19.30		
3	256QAM	8	4	19.43	19.42	19.44	20.5	1
3	256QAM	8	7	19.35	19.38	19.39		
3	256QAM	15	0	19.40	19.56	19.48		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.35	20.57	20.35	21.5	0
1.4	QPSK	1	3	20.42	20.39	20.33		
1.4	QPSK	1	5	20.33	20.41	20.33		
1.4	QPSK	3	0	20.38	20.54	20.41		
1.4	QPSK	3	1	20.50	20.49	20.41		
1.4	QPSK	3	3	20.36	20.35	20.35		
1.4	QPSK	6	0	20.45	20.54	20.51	21.5	0
1.4	16QAM	1	0	20.31	20.58	20.32	21.5	0
1.4	16QAM	1	3	20.32	20.24	20.27		
1.4	16QAM	1	5	20.27	20.41	20.34		
1.4	16QAM	3	0	20.29	20.43	20.40		
1.4	16QAM	3	1	20.43	20.42	20.38		
1.4	16QAM	3	3	20.50	20.41	20.38		
1.4	16QAM	6	0	20.40	20.43	20.36	21.5	0
1.4	64QAM	1	0	20.30	20.53	20.24	21.5	0
1.4	64QAM	1	3	20.31	20.24	20.30		
1.4	64QAM	1	5	20.40	20.40	20.24		
1.4	64QAM	3	0	20.35	20.42	20.34		
1.4	64QAM	3	1	20.41	20.40	20.39		
1.4	64QAM	3	3	20.27	20.33	20.32		
1.4	64QAM	6	0	20.40	20.49	20.43	21.5	0
1.4	256QAM	1	0	19.40	19.55	19.40	20.5	1
1.4	256QAM	1	3	19.41	19.37	19.28		
1.4	256QAM	1	5	19.32	19.49	19.32		
1.4	256QAM	3	0	19.44	19.51	19.34		
1.4	256QAM	3	1	19.50	19.45	19.39		
1.4	256QAM	3	3	19.38	19.34	19.40		
1.4	256QAM	6	0	19.44	19.53	19.52	20.5	1

Band 7 Ant1 Other PA DSI8

BW [MHz]	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	19.01	19.09	19.05	19.7	0
20	QPSK	1	49	18.89	18.97	18.86		
20	QPSK	1	99	18.92	19.00	18.89		
20	QPSK	50	0	18.99	19.03	18.85		
20	QPSK	50	24	18.92	18.89	18.85	19.7	0
20	QPSK	50	50	18.86	19.01	18.82		
20	QPSK	100	0	18.92	18.95	18.94		
20	16QAM	1	0	18.91	19.01	18.96		
20	16QAM	1	49	18.86	18.87	18.77	19.7	0
20	16QAM	1	99	18.81	18.96	18.80		
20	16QAM	50	0	18.92	19.00	18.81		
20	16QAM	50	24	18.89	18.79	18.78	19.7	0
20	16QAM	50	50	18.83	18.94	18.78		
20	16QAM	100	0	18.82	18.90	18.88		
20	64QAM	1	0	18.94	19.03	19.01		
20	64QAM	1	49	18.83	18.94	18.80	19.7	0
20	64QAM	1	99	18.80	19.00	18.80		
20	64QAM	50	0	18.96	18.95	18.83		
20	64QAM	50	24	18.85	18.83	18.81	19.7	0
20	64QAM	50	50	18.76	18.90	18.77		
20	64QAM	100	0	18.82	18.93	18.85		
20	256QAM	1	0	18.91	19.00	19.00		
20	256QAM	1	49	18.80	18.93	18.77	19.7	0
20	256QAM	1	99	18.80	18.93	18.85		
20	256QAM	50	0	18.89	18.93	18.79		
20	256QAM	50	24	18.85	18.84	18.80	19.7	0
20	256QAM	50	50	18.84	18.93	18.78		
20	256QAM	100	0	18.87	18.93	18.84		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.92	19.00	18.95	19.7	0
15	QPSK	1	37	18.85	18.88	18.78		
15	QPSK	1	74	18.84	18.97	18.79		
15	QPSK	36	0	18.98	18.92	18.76		
15	QPSK	36	20	18.83	18.84	18.77	19.7	0
15	QPSK	36	39	18.78	18.95	18.79		
15	QPSK	75	0	18.81	18.88	18.89		
15	16QAM	1	0	18.85	18.91	18.88		
15	16QAM	1	37	18.79	18.83	18.69	19.7	0
15	16QAM	1	74	18.75	18.91	18.71		
15	16QAM	36	0	18.86	18.90	18.70		
15	16QAM	36	20	18.79	18.69	18.67	19.7	0
15	16QAM	36	39	18.81	18.90	18.70		
15	16QAM	75	0	18.79	18.82	18.78		
15	64QAM	1	0	18.90	18.99	18.98		
15	64QAM	1	37	18.77	18.83	18.70	19.7	0
15	64QAM	1	74	18.78	18.94	18.74		
15	64QAM	36	0	18.89	18.90	18.81		
15	64QAM	36	20	18.77	18.80	18.80	19.7	0
15	64QAM	36	39	18.74	18.87	18.73		
15	64QAM	75	0	18.73	18.88	18.81		
15	256QAM	1	0	18.83	18.92	18.97		
15	256QAM	1	37	18.72	18.89	18.72	19.7	0
15	256QAM	1	74	18.70	18.84	18.83		
15	256QAM	36	0	18.79	18.89	18.76		
15	256QAM	36	20	18.83	18.76	18.76	19.7	0
15	256QAM	36	39	18.79	18.87	18.77		
15	256QAM	75	0	18.76	18.88	18.75		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.99	18.98	18.96	19.7	0
10	QPSK	1	25	18.79	18.87	18.75		
10	QPSK	1	49	18.84	18.94	18.85		
10	QPSK	25	0	18.90	18.97	18.78		
10	QPSK	25	12	18.83	18.84	18.78	19.7	0
10	QPSK	25	25	18.79	18.99	18.72		
10	QPSK	50	0	18.82	18.91	18.93		
10	16QAM	1	0	18.86	18.92	18.94		
10	16QAM	1	25	18.79	18.85	18.67	19.7	0
10	16QAM	1	49	18.72

Band 17 Ant1 DSI8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	20.30	20.68	20.41	21.5	0
10	QPSK	1	25	20.44	20.60	20.39		
10	QPSK	1	49	20.57	20.61	20.40		
10	QPSK	25	0	20.48	20.62	20.41		
10	QPSK	25	12	20.61	20.53	20.38	21.5	0
10	QPSK	25	25	20.49	20.47	20.43		
10	QPSK	50	0	20.57	20.58	20.49		
10	16QAM	1	0	20.23	20.64	20.34		
10	16QAM	1	25	20.36	20.57	20.36	21.5	0
10	16QAM	1	49	20.54	20.51	20.36		
10	16QAM	25	0	20.46	20.58	20.38		
10	16QAM	25	12	20.59	20.52	20.35	21.5	0
10	16QAM	25	25	20.47	20.44	20.35		
10	16QAM	50	0	20.56	20.53	20.43		
10	64QAM	1	0	20.22	20.60	20.33		
10	64QAM	1	25	20.40	20.51	20.36	21.5	0
10	64QAM	1	49	20.49	20.59	20.35		
10	64QAM	25	0	20.42	20.52	20.37		
10	64QAM	25	12	20.52	20.46	20.34	21.5	0
10	64QAM	25	25	20.44	20.39	20.40		
10	64QAM	50	0	20.53	20.47	20.42		
10	256QAM	1	0	19.28	19.66	19.39		
10	256QAM	1	25	19.47	19.64	19.36	20.5	1
10	256QAM	1	49	19.59	19.64	19.44		
10	256QAM	25	0	19.52	19.59	19.45		
10	256QAM	25	12	19.58	19.49	19.43	20.5	1
10	256QAM	25	25	19.45	19.47	19.45		
10	256QAM	50	0	19.53	19.53	19.51		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	20.28	20.65	20.34	21.5	0
5	QPSK	1	12	20.35	20.50	20.32		
5	QPSK	1	24	20.49	20.54	20.31		
5	QPSK	12	0	20.46	20.60	20.38	21.5	0
5	QPSK	12	7	20.52	20.48	20.31		
5	QPSK	12	13	20.39	20.36	20.40		
5	QPSK	25	0	20.50	20.54	20.40		
5	16QAM	1	0	20.18	20.60	20.28		
5	16QAM	1	12	20.34	20.51	20.33	21.5	0
5	16QAM	1	24	20.48	20.48	20.32		
5	16QAM	12	0	20.38	20.53	20.35		
5	16QAM	12	7	20.53	20.46	20.29	21.5	0
5	16QAM	12	13	20.37	20.42	20.32		
5	16QAM	25	0	20.48	20.46	20.39		
5	64QAM	1	0	20.11	20.56	20.29		
5	64QAM	1	12	20.32	20.48	20.26	21.5	0
5	64QAM	1	24	20.39	20.55	20.28		
5	64QAM	12	0	20.32	20.51	20.33		
5	64QAM	12	7	20.42	20.44	20.25	21.5	0
5	64QAM	12	13	20.40	20.33	20.37		
5	64QAM	25	0	20.48	20.46	20.39		
5	256QAM	1	0	19.21	19.64	19.35		
5	256QAM	1	12	19.40	19.58	19.30	20.5	1
5	256QAM	1	24	19.54	19.61	19.38		
5	256QAM	12	0	19.43	19.50	19.39		
5	256QAM	12	7	19.49	19.43	19.34	20.5	1
5	256QAM	12	13	19.41	19.44	19.38		
5	256QAM	25	0	19.49	19.49	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.53	20.65	20.47	21.5	0
15	QPSK	1	37	20.51	20.50	20.52		
15	QPSK	1	74	20.50	20.50	20.53		
15	QPSK	36	0	20.39	20.59	20.49		
15	QPSK	36	20	20.55	20.54	20.49	21.5	0
15	QPSK	36	39	20.53	20.41	20.53		
15	QPSK	75	0	20.53	20.65	20.54		
15	16QAM	1	0	20.47	20.61	20.37		
15	16QAM	1	37	20.49	20.48	20.41	21.5	0
15	16QAM	1	74	20.38	20.48	20.44		
15	16QAM	36	0	20.32	20.52	20.39		
15	16QAM	36	20	20.49	20.44	20.44	21.5	0
15	16QAM	36	39	20.46	20.36	20.49		
15	16QAM	75	0	20.43	20.54	20.49		
15	64QAM	1	0	20.42	20.55	20.38		
15	64QAM	1	37	20.46	20.46	20.46	21.5	0
15	64QAM	1	74	20.36	20.48	20.46		
15	64QAM	36	0	20.29	20.57	20.46		
15	64QAM	36	20	20.51	20.46	20.40	21.5	0
15	64QAM	36	39	20.50	20.38	20.45		
15	64QAM	75	0	20.44	20.52	20.43		
15	256QAM	1	0	19.55	19.69	19.45		
15	256QAM	1	37	19.51	19.50	19.48	20.5	1
15	256QAM	1	74	19.45	19.51	19.55		
15	256QAM	36	0	19.39	19.55	19.52		
15	256QAM	36	20	19.51	19.52	19.45	20.5	1
15	256QAM	36	39	19.50	19.39	19.52		
15	256QAM	75	0	19.49	19.55	19.55		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.50	20.63	20.40	21.5	0
10	QPSK	1	25	20.46	20.44	20.44		
10	QPSK	1	49	20.42	20.45	20.49		
10	QPSK	25	0	20.35	20.48	20.40		
10	QPSK	25	12	20.46	20.48	20.45	21.5	0
10	QPSK	25	25	20.48	20.32	20.48		
10	QPSK	50	0	20.47	20.51	20.49		
10	16QAM	1	0	20.43	20.57	20.32		
10	16QAM	1	25	20.46	20.45	20.37	21.5	0
10	16QAM	1	49	20.28	20.44	20.39		
10	16QAM	25	0	20.25	20.49	20.34		
10	16QAM	25	12	20.41	20.38	20.35	21.5	0
10	16QAM	25	25	20.43	20.33	20.46		
10	16QAM	50	0	20.39	20.47	20.38		
10	64QAM	1	0	20.32	20.50	20.28		
10	64QAM	1	25	20.36	20.36	20.42	21.5	0
10	64QAM	1	49	20.28	20.39	20.35		
10	64QAM	25	0	20.19	20.54	20.41		
10	64QAM	25	12	20.42	20.41	20.29	21.5	0
10	64QAM	25	25	20.43	20.29	20.39		
10	64QAM	50	0	20.36	20.48	20.37		
10	256QAM	1	0	19.46	19.64	19.38		
10	256QAM	1	25	19.43	19.40	19.40	20.5	1
10	256QAM	1	49	19.34	19.41	19.48		
10	256QAM	25	0	19.36	19.52	19.41		
10	256QAM	25	12	19.42	19.47	19.40	20.5	1
10	256QAM	25	25	19.41	19.30	19.42		
10	256QAM	50	0	19.41	19.52	19.52		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.44	20.64	20.37	21.5	0
5	QPSK	1	12	20.48	20.46	20.48		
5	QPSK	1	24	20.40	20.40	20.45		
5	QPSK	12	0	20.31	20.48	20.40		
5	QPSK	12	7	20.46	20.47	20.44	21.5	0
5	QPSK	12	13	20.49	20.30	20.52		
5	QPSK	25	0	20.51	20.52	20.52		
5	16QAM	1	0	20.41	20.57	20.29		
5	16QAM	1	12	20.39	20.43	20.35	21.5	0
5	16QAM	1	24	20.37	20.46	20.37		
5	16QAM	12	0	20.28	20.42	20.33		
5	16QAM	12	7	20.45	20.43	20.37	21.5	0
5	16QAM	12	13	20.43	20.30	20.41		
5	16QAM	25	0	20.38	20.48	20.43		
5	64QAM	1	0	20.40	20.50	20.31		
5	64QAM	1	12	20.40	20.44	20.41	21.5	0
5	64QAM	1	24	20.26	20.47	20.40		
5	64QAM	12	0	20.25	20.53	20.40		
5	64QAM	12	7	20.42	20.44	20.35	21.5	0
5	64QAM	12	13	20.44	20.33	20.41		
5	64QAM	25	0	20.35	20.45	20.35		
5	256QAM	1	0	19.46	19.62	19.41		
5	256QAM	1	12	19.47	19.43	19.41	20.5	1
5	256QAM	1	24	19.38	19.47	19.48		
5	256QAM	12	0	19.30	19.46	19.47		
5	256QAM	12	7	19.48	19.44	19.42	20.5	1
5	256QAM	12	13	19.43	19.34	19.45		
5	256QAM	25	0	19.48	19.45	19.53		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.48	20.55	20.41	21.5	0
3	QPSK	1	8	20.41	20.48	20.49		
3	QPSK	1	14	20.39	20.40	20.47		
3	QPSK	8	0	20.38	20.49	20.40		
3	QPSK	8	4	20.46	20.44	20.42	21.5	0
3	QPSK	8	7	20.44	20.36	20.50		
3	QPSK	15	0	20.47	20.46	20.46		
3	16QAM	1	0	20.39	20.50	20.34	21.5	0
3	16QAM	1	8	20.45	20.38	20.39		
3	16QAM	1	14	20.30	20.41	20.36		
3	16QAM	8	0	20.24	20.45	20.32	21.5	0
3	16QAM	8	4	20.45	20.38	20.34		
3	16QAM	8	7	20.37	20.25	20.43		
3	16QAM	15	0	20.32	20.52	20.44		
3	64QAM	1	0	20.34	20.49	20.31	21.5	0
3	64QAM	1	8	20.35	20.44	20.39		
3	64QAM	1	14	20.32	20.39	20.37		
3	64QAM	8	0	20.24	20.49	20.36	21.5	0
3	64QAM	8	4	20.49	20.36	20.30		
3	64QAM	8	7	20.48	20.32	20.40		
3	64QAM	15	0	20.39	20.42	20.41		
3	256QAM	1	0	19.51	19.65	19.39	20.5	1
3	256QAM	1	8	19.49	19.42	19.39		
3	256QAM	1	14	19.41	19.43	19.46		
3	256QAM	8	0	19.33	19.54	19.46	20.5	1
3	256QAM	8	4	19.43	19.49	19.41		
3	256QAM	8	7	19.48	19.29	19.45		
3	256QAM	15	0	19.45	19.51	19.46		
Channel				26607	26865	27093	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.46	20.62	20.36	21.5	0
1.4	QPSK	1	3	20.46	20.42	20.44		
1.4	QPSK	1	5	20.37	20.45	20.50		
1.4	QPSK	3	0	20.32	20.56	20.38		
1.4	QPSK	3	1	20.45	20.49	20.45		
1.4	QPSK	3	3	20.52	20.38	20.43		
1.4	QPSK	6	0	20.49	20.47	20.44	21.5	0
1.4	16QAM	1	0	20.44	20.51	20.31	21.5	0
1.4	16QAM	1	3	20.43	20.45	20.37		
1.4	16QAM	1	5	20.32	20.42	20.41		
1.4	16QAM	3	0	20.22	20.43	20.31		
1.4	16QAM	3	1	20.48	20.37	20.41		
1.4	16QAM	3	3	20.42	20.32	20.39		
1.4	16QAM	6	0	20.33	20.45	20.40	21.5	0
1.4	64QAM	1	0	20.33	20.49	20.34	21.5	0
1.4	64QAM	1	3	20.40	20.41	20.45		
1.4	64QAM	1	5	20.30	20.38	20.41		
1.4	64QAM	3	0	20.20	20.49	20.40		
1.4	64QAM	3	1	20.41	20.37	20.33		
1.4	64QAM	3	3	20.46	20.36	20.36		
1.4	64QAM	6	0	20.39	20.46	20.38	21.5	0
1.4	256QAM	1	0	19.48	19.65	19.38	20.5	1
1.4	256QAM	1	3	19.48	19.40	19.41		
1.4	256QAM	1	5	19.37	19.41	19.46		
1.4	256QAM	3	0	19.30	19.52	19.47		
1.4	256QAM	3	1	19.44	19.45	19.43		
1.4	256QAM	3	3	19.46	19.35	19.48		
1.4	256QAM	6	0	19.40	19.44	19.49	20.5	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	14.04	14.15	13.97	15.7	0
20	QPSK	1	49	13.98	13.90	13.82		
20	QPSK	1	99	14.01	14.02	13.84		
20	QPSK	50	0	13.93	14.05	13.99		
20	QPSK	50	24	13.91	14.03	13.91	15.7	0
20	QPSK	50	50	13.97	13.98	13.83		
20	QPSK	100	0	13.93	14.04	13.90		
20	16QAM	1	0	13.94	14.07	13.88		
20	16QAM	1	49	13.89	13.82	13.79	15.7	0
20	16QAM	1	99	13.96	13.93	13.75		
20	16QAM	50	0	13.86	13.97	13.90		
20	16QAM	50	24	13.87	14.00	13.80	15.7	0
20	16QAM	50	50	13.88	13.89	13.74		
20	16QAM	100	0	13.92	14.02	13.87		
20	64QAM	1	0	13.98	14.06	13.87		
20	64QAM	1	49	13.97	13.79	13.73	15.7	0
20	64QAM	1	99	13.92	13.98	13.74		
20	64QAM	50	0	13.83	13.95	13.96		
20	64QAM	50	24	13.84	14.01	13.83	15.7	0
20	64QAM	50	50	13.89	13.92	13.73		
20	64QAM	100	0	13.84	13.96	13.85		
20	256QAM	1	0	13.98	14.08	13.90		
20	256QAM	1	49	13.90	13.82	13.73	15.7	0
20	256QAM	1	99	13.90	14.01	13.82		
20	256QAM	50	0	13.88	13.96	13.92		
20	256QAM	50	24	13.86	13.96	13.82	15.7	0
20	256QAM	50	50	13.95	13.88	13.74		
20	256QAM	100	0	13.83	13.99	13.88		
Channel				132047	4	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	13.95	14.11	13.88	15.7	0
15	QPSK	1	37	13.88	13.87	13.80		
15	QPSK	1	74	13.98	13.92	13.81		
15	QPSK	36	0	13.88	14.02	13.89		
15	QPSK	36	20	13.87	13.98	13.87	15.7	0
15	QPSK	36	39	13.87	13.89	13.80		
15	QPSK	75	0	13.92	13.99	13.84		
15	16QAM	1	0	13.93	13.97	13.80		
15	16QAM	1	37	13.88	13.75	13.75	15.7	0
15	16QAM	1	74	13.88	13.90	13.72		
15	16QAM	36	0	13.83	13.92	13.85		
15	16QAM	36	20	13.77	13.95	13.78	15.7	0
15	16QAM	36	39	13.80	13.81	13.98		
15	16QAM	75	0	13.88	13.98	13.78		
15	64QAM	1	0	13.91	13.98	13.84		
15	64QAM	1	37	13.92	13.74	13.75	15.7	0
15	64QAM	1	74	13.87	13.97	13.72		
15	64QAM	36	0	13.75	13.93	13.89		
15	64QAM	36	20	13.83	13.91	13.75	15.7	0
15	64QAM	36	39	13.84	13.81	13.67		
15	64QAM	75	0	13.75	13.90	13.82		
15	256QAM	1	0	13.94	13.99	13.82		
15	256QAM	1	37	13.89	13.73	13.98	15.7	0
15	256QAM	1	74	13.87	13.95	13.81		
15	256QAM	36	0	13.86	13.89	13.86		
15	256QAM	36	20	13.81	13.89	13.72	15.7	0
15	256QAM	36	39	13.92	13.83	13.71		
15	256QAM	75	0	13.80	13.93	13.82		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	13.97	14.11	13.87	15.7	0
10	QPSK	1	25	13.93	13.81	13.73		
10	QPSK	1	49	13.95	13.97	13.81		
10	QPSK	25	0	13.89	13.96	13.93	15.7	0
10	QPSK	25	12	13.85	13.92	13.86		
10	QPSK	25	25	13.88	13.91	13.79		
10	QPSK	50	0	13.87	13.99	13.79		
10	16QAM	1	0	13.85	14.04	13.82		
10	16QAM	1	25	13.81	13.77	13.75	15.7	0
10	16QAM	1	49	13.89	13.84	13.98		
10	16QAM	25	0	13.85	13.95	13.85		
10	16QAM	25	12	13.84	13.91	13.73	15.7	0
10	16QAM	25	25	13.79	13.82	13.70		
10	16QAM	50	0	13.85	13.98	13.85		
10	64QAM	1	0	13.94	13.98	13.83		
10	64QAM	1	25	13.87	13.74	13.70	15.7	0
10	64QAM	1	49	13.82	13.87	13.73		
10	64QAM	25	0	13.72	13.85	13.86		
10	64QAM	25	12	13.77	13.99	13.78	15.7	0
10	64QAM	25	25	13.87	13.83	13.66		
10	64QAM	50	0	13.74	13.90	13.79		
10	256QAM	1	0	13.94	14.01	13.87		
10	256QAM	1	25	13.88	13.72	13.70	15.7	0
10	256QAM	1	49	13.80	13.92	13.78		
10	256QAM	25	0	13.86	13.87	13.85		
10	256QAM	25	12	13.75	13.88	13.76	15.7	0
10	256QAM	25	25	13.93	13.80	13.69		
10	256QAM	50	0	13.77	13.97	13.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	13.97	14.10	13.96	15.7	0
5	QPSK	1	12	13.93	13.88	13.78		
5	QPSK	1	24	13.96	13.92	13.83		
5	QPSK	12	0	13.83	13.97	13.93	15.7	0
5	QPSK	12	7	13.83	13.98	13.88		
5	QPSK	12	13	13.96	13.89	13.80		
5	QPSK	25	0	13.87	14.02	13.87		
5	16QAM	1	0	13.92	13.96	13.83	15.7	0
5	16QAM	1	12	13.94	13.77	13.98		
5	16QAM	1	24	13.86	13.86	13.92		
5	16QAM	12	0	13.81	13.93	13.86	15.7	0
5	16QAM	12	7	13.82	13.93	13.73		
5	16QAM	12	13	13.78	13.78	13.98		
5	16QAM	25	0	13.83	13.91	13.83		
5	64QAM	1	0	13.96	13.96	13.76	15.7	0
5	64QAM	1	12	13.91	13.72	13.98		
5	64QAM	1	24	13.84	13.92	13.92		
5	64QAM	12	0	13.72	13.90	13.90	15.7	0
5	64QAM	12	7	13.78	13.92	13.72		
5	64QAM	12	13	13.88	13.86	13.64		
5	64QAM	25	0	13.78	13.93	13.74		
5	256QAM	1	0	13.95	14.06	13.82	15.7	0
5	256QAM	1	12	13.82	13.76	13.92		
5	256QAM	1	24	13.82	13.98	13.72		
5	256QAM	12	0	13.84	13.91	13.87	15.7	0
5	256QAM	12	7	13.76	13.87	13.74		
5	256QAM	12	13	13.89	13.80	13.64		
5	256QAM	25	0	13.79	13.89	13.84		
Channel				131867	132322	132557	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	13.97	14.12	13.95	15.7	0
3	QPSK	1	8	13.96	13.88	13.77		
3	QPSK	1	14	13.94	13.91	13.81		
3	QPSK	8	0	13.90	13.98	13.96	15.7	0
3	QPSK	8	4	13.88	13.94	13.80		
3	QPSK	8	7	13.91	13.96	13.78		
3	QPSK	15	0	13.89	13.96	13.86		
3	16QAM	1	0	13.91	14.02	13.83	15.7	0
3	16QAM	1	8	13.87	13.78	13.71		
3	16QAM	1	14	13.88	13.84	13.92		
3	16QAM	8	0	13.81	13.90	13.88	15.7	0
3	16QAM	8	4	13.78	13.93	13.76		
3	16QAM	8	7	13.78	13.79	13.97		
3	16QAM	15	0	13.90	13.97	13.85		
3	64QAM	1	0	13.91	14.01	13.80	15.7	0
3	64QAM	1	8	13.96	13.92	13.71		
3	64QAM	1	14	13.83	13.93	13.97		
3	64QAM	8	0	13.75	13.84	13.89	15.7	0
3	64QAM	8	4	13.82	13.91	13.78		
3	64QAM	8	7	13.83	13.83	13.70		
3	64QAM	15	0	13.79	13.86	13.78		
3	256QAM	1	0	13.94	14.07	13.85	15.7	0
3	256QAM	1	8	13.84	13.79	13.97		
3	256QAM	1	14	13.96	13.96	13.78		
3	256QAM	8	0	13.81	13.86	13.82	15.7	0
3	256QAM	8	4	13.80	13.95	13.74		
3	256QAM	8	7	13.87	13.87	13.63		
3	256QAM	15	0	13.80	13.92	13.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	13.97	14.07	13.88	15.7	0
1.4	QPSK	1	3	13.88	13.83	13.73		
1.4	QPSK	1	5	13.99	13.99	13.77		
1.4	QPSK	3	0	13.85	13.98	13.90		
1.4	QPSK	3	1	13.87	13.98	13.84		
1.4	QPSK	3	3	13.88	13.89	13.75		
1.4	QPSK	6	0	13.86	13.98	13.84	15.7	0
1.4	16QAM	1	0	13.92	14.02	13.79	15.7	0
1.4	16QAM	1	3	13.86	13.71	13.71		
1.4	16QAM	1	5	13.87	13.90	13.71		
1.4	16QAM	3	0	13.77

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.05	19.11	18.99	19.7	0
20	QPSK	1	49	19.03	19.01	19.03		
20	QPSK	1	99	19.03	19.05	19.02		
20	QPSK	50	0	18.97	19.10	19.07	19.7	0
20	QPSK	50	24	19.04	19.00	19.06		
20	QPSK	50	50	18.90	19.00	19.05		
20	QPSK	100	0	18.93	19.05	18.92		
20	16QAM	1	0	19.01	19.10	18.97	19.7	0
20	16QAM	1	49	18.93	18.91	18.98		
20	16QAM	1	99	18.94	19.01	18.99		
20	16QAM	50	0	18.92	19.05	19.01	19.7	0
20	16QAM	50	24	18.99	18.94	19.03		
20	16QAM	50	50	18.89	18.99	19.01		
20	16QAM	100	0	18.89	18.96	18.84		
20	64QAM	1	0	19.01	19.04	18.98	19.7	0
20	64QAM	1	49	18.98	18.97	18.99		
20	64QAM	1	99	18.95	19.06	19.01		
20	64QAM	50	0	18.91	19.03	19.01	19.7	0
20	64QAM	50	24	19.03	18.89	19.01		
20	64QAM	50	50	18.86	18.99	18.96		
20	64QAM	100	0	18.90	18.97	18.82		
20	256QAM	1	0	18.98	19.01	18.96	19.7	0
20	256QAM	1	49	18.95	18.97	19.00		
20	256QAM	1	99	19.01	19.06	18.98		
20	256QAM	50	0	18.95	19.00	18.98	19.7	0
20	256QAM	50	24	19.03	18.96	19.02		
20	256QAM	50	50	18.86	18.90	19.00		
20	256QAM	100	0	18.91	19.04	18.88		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.97	19.06	18.95	19.7	0
15	QPSK	1	37	18.98	18.93	19.00		
15	QPSK	1	74	18.98	19.07	18.92		
15	QPSK	36	0	18.94	19.02	19.05	19.7	0
15	QPSK	36	20	19.00	18.97	18.97		
15	QPSK	36	39	18.83	18.89	18.94		
15	QPSK	75	0	18.85	18.94	18.85		
15	16QAM	1	0	18.97	19.01	18.89	19.7	0
15	16QAM	1	37	18.83	18.83	18.97		
15	16QAM	1	74	18.90	19.03	18.94		
15	16QAM	36	0	18.83	18.98	18.94	19.7	0
15	16QAM	36	20	18.95	18.90	18.99		
15	16QAM	36	39	18.87	18.91	18.91		
15	16QAM	75	0	18.78	18.93	18.74		
15	64QAM	1	0	18.97	19.02	18.94	19.7	0
15	64QAM	1	37	18.90	18.88	18.92		
15	64QAM	1	74	18.88	19.10	18.95		
15	64QAM	36	0	18.82	18.96	18.95	19.7	0
15	64QAM	36	20	18.95	18.81	18.97		
15	64QAM	36	39	18.75	18.90	18.95		
15	64QAM	75	0	18.88	18.88	18.79		
15	256QAM	1	0	18.94	19.00	18.88	19.7	0
15	256QAM	1	37	18.86	18.89	18.90		
15	256QAM	1	74	18.99	19.03	18.95		
15	256QAM	36	0	18.90	18.96	18.93	19.7	0
15	256QAM	36	20	18.97	18.86	18.97		
15	256QAM	36	39	18.79	18.84	18.97		
15	256QAM	75	0	18.90	19.03	18.78		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.97	19.04	18.96	19.7	0
10	QPSK	1	25	18.95	18.92	18.96		
10	QPSK	1	49	18.93	19.08	18.99		
10	QPSK	25	0	18.89	19.07	19.03	19.7	0
10	QPSK	25	12	19.00	18.94	18.97		
10	QPSK	25	25	18.86	18.95	19.02		
10	QPSK	50	0	18.91	19.00	18.87		
10	16QAM	1	0	19.00	19.02	18.87	19.7	0
10	16QAM	1	25	18.89	18.84	18.92		
10	16QAM	1	49	18.86	19.11	18.93		
10	16QAM	25	0	18.84	18.94	18.92	19.7	0
10	16QAM	25	12	18.93	18.84	18.98		
10	16QAM	25	25	18.85	18.90	18.99		
10	16QAM	50	0	18.88	18.88	18.79		
10	64QAM	1	0	18.95	18.98	18.96	19.7	0
10	64QAM	1	25	18.89	18.91	18.92		
10	64QAM	1	49	18.87	19.01	18.94		
10	64QAM	25	0	18.90	18.99	18.93	19.7	0
10	64QAM	25	12	18.94	18.84	18.93		
10	64QAM	25	25	18.83	18.89	18.91		
10	64QAM	50	0	18.82	18.93	18.81		
10	256QAM	1	0	18.93	18.95	18.92	19.7	0
10	256QAM	1	25	18.85	18.88	18.94		
10	256QAM	1	49	18.95	19.02	18.94		
10	256QAM	25	0	18.88	18.95	18.87	19.7	0
10	256QAM	25	12	18.97	18.92	18.93		
10	256QAM	25	25	18.84	18.87	18.98		
10	256QAM	50	0	18.88	18.98	18.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.00	19.07	18.93	19.7	0
5	QPSK	1	12	18.93	18.97	19.01		
5	QPSK	1	24	18.92	19.05	18.96		
5	QPSK	12	0	18.91	19.03	19.01	19.7	0
5	QPSK	12	7	19.02	18.89	19.02		
5	QPSK	12	13	18.88	18.90	18.95		
5	QPSK	25	0	18.85	18.98	18.88		
5	16QAM	1	0	18.98	19.08	18.93	19.7	0
5	16QAM	1	12	18.87	18.89	18.96		
5	16QAM	1	24	18.86	19.11	18.96		
5	16QAM	12	0	18.90	18.99	18.90	19.7	0
5	16QAM	12	7	18.96	18.93	19.00		
5	16QAM	12	13	18.82	18.97	18.95		
5	16QAM	25	0	18.87	18.94	18.76		
5	64QAM	1	0	18.92	18.96	18.94	19.7	0
5	64QAM	1	12	18.91	18.89	18.98		
5	64QAM	1	24	18.88	19.09	18.96		
5	64QAM	12	0	18.81	18.96	18.94	19.7	0
5	64QAM	12	7	18.95	18.79	18.99		
5	64QAM	12	13	18.76	18.93	18.87		
5	64QAM	25	0	18.87	18.93	18.77		
5	256QAM	1	0	18.92	18.93	18.93	19.7	0
5	256QAM	1	12	18.89	18.94	18.92		
5	256QAM	1	24	18.98	19.09	18.92		
5	256QAM	12	0	18.85	18.92	18.94	19.7	0
5	256QAM	12	7	19.00	18.94	18.93		
5	256QAM	12	13	18.79	18.86	18.96		
5	256QAM	25	0	18.81	19.01	18.83		

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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	19.02	19.09	19.21	18.80	18.70	19.7	0
20	QPSK	1	49	19.08	19.14	19.11	19.09	18.99		
20	QPSK	1	99	19.14	19.10	19.07	19.01	18.98		
20	QPSK	50	0	19.07	19.05	19.20	18.96	19.12	19.7	0
20	QPSK	50	24	19.16	19.05	19.17	19.00	19.01		
20	QPSK	50	50	19.04	19.12	19.09	19.11	19.08		
20	QPSK	100	0	19.00	19.07	19.10	19.05	19.01		
20	16QAM	1	0	19.00	19.01	19.14	18.78	18.60	19.7	0
20	16QAM	1	49	19.06	19.10	19.03	19.05	18.96		
20	16QAM	1	99	19.08	19.08	19.02	18.97	18.92		
20	16QAM	50	0	19.06	18.99	19.16	18.90	19.08	19.7	0
20	16QAM	50	24	19.07	18.98	19.08	18.95	18.94		
20	16QAM	50	50	18.97	19.07	19.04	19.09	19.06		
20	16QAM	100	0	18.99	19.02	19.04	19.01	18.95		
20	64QAM	1	0	18.98	18.99	19.19	18.78	18.60	19.7	0
20	64QAM	1	49	19.01	19.11	19.05	19.00	18.95		
20	64QAM	1	99	19.12	19.01	19.00	18.97	18.94		
20	64QAM	50	0	19.00	18.97	19.15	18.93	19.11	19.7	0
20	64QAM	50	24	19.06	19.03	19.09	18.99	18.95		
20	64QAM	50	50	19.03	19.06	19.06	19.10	19.05		
20	64QAM	100	0	18.91	19.02	19.04	19.01	18.95		
20	256QAM	1	0	18.95	19.01	19.19	18.78	18.68	19.7	0
20	256QAM	1	49	19.05	19.08	19.06	19.04	18.88		
20	256QAM	1	99	19.09	19.01	19.06	18.90	18.94		
20	256QAM	50	0	19.01	18.94	19.09	18.87	19.08	19.7	0
20	256QAM	50	24	19.09	19.04	19.09	18.98	18.93		
20	256QAM	50	50	19.01	19.06	19.01	19.08	19.07		
20	256QAM	100	0	18.90	19.01	19.04	19.01	18.94		
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	18.95	19.01	19.16	18.71	18.61	20	0
15	QPSK	1	37	19.00	19.08	19.06	19.04	18.93		
15	QPSK	1	74	19.09	19.08	19.05	18.96	18.90		
15	QPSK	36	0	19.05	19.02	19.18	18.88	19.07	19.7	0
15	QPSK	36	20	19.13	18.97	19.07	18.90	19.00		
15	QPSK	36	39	18.95	19.03	19.07	19.10	19.03		
15	QPSK	75	0	18.93	19.04	18.99	18.98	18.96		
15	16QAM	1	0	18.99	18.99	19.03	18.76	18.53	19.7	0
15	16QAM	1	37	18.95	19.01	19.02	18.96	18.95		
15	16QAM	1	74	19.06	18.98	18.99	18.86	18.86		
15	16QAM	36	0	18.99	18.95	19.12	18.80	18.98	19.7	0
15	16QAM	36	20	18.98	18.93	19.03	18.88	18.91		
15	16QAM	36	39	18.93	18.97	18.98	19.04	19.00		
15	16QAM	75	0	18.92	19.03	18.95	18.88	18.92		
15	64QAM	1	0	18.97	18.98	19.13	18.70	18.59	19.7	0
15	64QAM	1	37	18.90	19.09	18.94	18.93	18.91		
15	64QAM	1	74	19.03	18.97	18.97	18.94	18.86		
15	64QAM	36	0	18.93	18.94	19.07	18.84	19.08	19.7	0
15	64QAM	36	20	18.98	18.98	19.05	18.88	18.85		
15	64QAM	36	39	19.01	19.03	18.98	19.03	19.00		
15	64QAM	75	0	18.80	18.98	19.02	18.91	18.90		
15	256QAM	1	0	18.92	18.94	19.16	18.73	18.62	19.7	0
15	256QAM	1	37	18.95	19.00	18.95	19.03	18.85		
15	256QAM	1	74	19.07	18.98	18.98	18.82	18.90		
15	256QAM	36	0	18.94	18.92	19.04	18.84	19.03	19.7	0
15	256QAM	36	20	19.04	19.02	19.00	18.95	18.88		
15	256QAM	36	39	18.97	19.02	19.00	19.06	18.97		
15	256QAM	75	0	18.83	18.97	18.98	18.91	18.90		
Channel				39700	40150	40620	41090	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.93	19.06	19.15	18.75	18.60	20	0
10	QPSK	1	25	18.99	19.04	19.05	19.04	18.96		
10	QPSK	1	49	19.09	19.09	18.97	18.99	18.96		
10	QPSK	25	0	19.03	18.94	19.10	18.86	19.04	19.7	0
10	QPSK	25	12	19.11	18.99	19.10	18.92	18.90		
10	QPSK	25	25	18.95	19.10	19.03	19.06	19.03		
10	QPSK	50	0	18.93	19.00	19.00	19.00	18.95		
10	16QAM	1	0	18.89	18.95	19.09	18.76	18.50	19.7	0
10	16QAM	1	25	18.96	19.00	18.94	19.01	18.95		
10	16QAM	1	49	18.99	19.06	18.95	18.92	18.87		
10	16QAM	25	0	19.01	18.89	19.10	18.81	19.07	19.7	0
10	16QAM	25	12	18.99	18.89	19.03	18.85	18.91		
10	16QAM	25	25	18.93	19.03	19.01	19.01	19.05		
10	16QAM	50	0	18.90	19.01	18.98	18.89	18.91		
10	64QAM	1	0	18.87	18.88	19.12	18.70	18.53	19.7	0
10	64QAM	1	25	18.96	19.03	18.96	18.96	18.86		
10	64QAM	1	49	19.08	18.92	18.92	18.94	18.91		
10	64QAM	25	0	18.92	18.92	19.11	18.87	19.04	19.7	0
10	64QAM	25	12	18.96	18.98	19.03	18.98	18.86		
10	64QAM	25	25	18.99	19.00	19.04	19.00	18.96		
10	64QAM	50	0	18.83	19.00	18.94	18.91	18.94		
10	256QAM	1	0	18.92	18.93	19.12	18.68	18.65	19.7	0
10	256QAM	1	25	18.95	19.07	19.00	19.01	18.81		
10	256QAM	1	49	18.98	18.97	18.99	18.84	18.88		
10	256QAM	25	0	18.94	18.93	19.02	18.85	19.00	19.7	0
10	256QAM	25	12	19.07	18.98	19.01	18.96	18.87		
10	256QAM	25	25	18.91	19.04	18.91	19.02	19.01		
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	18.96	19.07	19.15	18.74	18.65	20	0
5	QPSK	1	12	19.06	19.06	19.00	19.01	18.89		
5	QPSK	1	24	19.05	19.00	18.97	18.93	18.94		
5	QPSK	12	0	19.00	19.01	19.12	18.87	19.06	19.7	0
5	QPSK	12	7	19.12	18.95	19.11	18.92	18.94		
5	QPSK	12	13	18.95	19.04	19.01	19.04	19.04		
5	QPSK	25	0	18.90	19.06	19.05	19.00	18.92		
5	16QAM	1	0	18.96	18.96	19.06	18.69	18.59	19.7	0
5	16QAM	1	12	19.01	19.08	18.97	18.97	18.92		
5	16QAM	1	24	19.07	18.99	18.99	18.90	18.84		
5	16QAM	12	0	18.97	18.93	19.05	18.80	19.02	19.7	0
5	16QAM	12	7	19.01	18.93	19.03	18.87	18.89		
5	16QAM	12	13	18.88	19.02	18.98	18.99	18.97		
5	16QAM	25	0	18.92	18.96	18.96	18.91	18.89		
5	64QAM	1	0	18.97	18.91	19.15	18.75	18.50	19.7	0
5	64QAM	1	12	18.99	19.06	19.00	18.90	18.92		
5	64QAM	1	24	19.08	18.98	18.90	18.94	18.87		
5	64QAM	12	0	18.97	18.88	19.06	18.90	19.05	19.7	0
5	64QAM	12	7	18.97	18.93	19.02	18.97	18.91		
5	64QAM	12	13	18.97	18.99	18.96	19.08	19.01		
5	64QAM	25	0	18.89	19.00	19.00	18.93	18.84		
5	256QAM	1	0	18.86	18.97	19.15	18.71	18.59	19.7	0
5	256QAM	1	12	19.00	19.00	19.02	18.95	18.81		
5	256QAM	1	24	19.07	18.94	19.03	18.83	18.93		
5	256QAM	12	0	18.93	18.91	19.08	18.77	18.99	19.7	0
5	256QAM	12	7	19.01	18.94	18.99	18.96	18.86		
5	256QAM	12	13	18.94	19.00	18.95	19.03	18.99		
5	256QAM	25	0	18.88	18.94	18.96	18.96	18.92		

Band 42 Ant1 DSI8

BW [MHz]	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	20.22	20.37	20.25	22	0
20	QPSK	1	49	20.11	20.33	20.23		
20	QPSK	1	99	20.19	20.27	20.30		
20	QPSK	50	0	20.18	20.31	20.23	22	0
20	QPSK	50	24	20.23	20.30	20.29		
20	QPSK	50	50	20.10	20.23	20.29		
20	QPSK	100	0	20.25	20.35	20.33		
20	16QAM	1	0	20.21	20.26	20.20	22	0
20	16QAM	1	49	20.04	20.25	20.15		
20	16QAM	1	99	20.13	20.16	20.23		
20	16QAM	50	0	19.73	19.84	19.73	21.5	0.5
20	16QAM	50	24	19.62	19.83	19.68		
20	16QAM	50	50	19.70	19.79	19.79		
20	16QAM	100	0	19.63	19.78	19.77		
20	64QAM	1	0	19.75	19.77	19.79	21.5	0.5
20	64QAM	1	49	19.56	19.75	19.79		
20	64QAM	1	99	19.74	19.81	19.84		
20	64QAM	50	0	18.75	18.90	18.70	20.5	1.5
20	64QAM	50	24	18.65	18.85	18.70		
20	64QAM	50	50	18.65	18.80	18.81		
20	64QAM	100	0	18.64	18.78	18.74		
20	256QAM	1	0	16.72	16.85	16.78	18.5	3.5
20	256QAM	1	49	16.64	16.86	16.74		
20	256QAM	1	99	16.72	16.74	16.77		
20	256QAM	50	0	16.65	16.77	16.70	18.5	3.5
20	256QAM	50	24	16.72	16.82	16.82		
20	256QAM	50	50	16.57	16.68	16.76		
20	256QAM	100	0	16.79	16.87	16.81		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.11	20.35	20.22	22	0
15	QPSK	1	37	20.08	20.22	20.20		
15	QPSK	1	74	20.10	20.25	20.24		
15	QPSK	36	0	20.09	20.28	20.20	22	0
15	QPSK	36	20	20.16	20.21	20.27		
15	QPSK	36	39	20.09	20.17	20.25		
15	QPSK	75	0	20.20	20.25	20.29		
15	16QAM	1	0	20.11	20.19	20.13	22	0
15	16QAM	1	37	20.01	20.16	20.10		
15	16QAM	1	74	20.07	20.08	20.20		
15	16QAM	36	0	19.65	19.83	19.65	21.5	0.5
15	16QAM	36	20	19.58	19.79	19.60		
15	16QAM	36	39	19.69	19.70	19.74		
15	16QAM	75	0	19.52	19.69	19.69		
15	64QAM	1	0	19.73	19.70	19.77	21.5	0.5
15	64QAM	1	37	19.55	19.70	19.69		
15	64QAM	1	74	19.66	19.73	19.80		
15	64QAM	36	0	18.72	18.79	18.64	20.5	1.5
15	64QAM	36	20	18.61	18.82	18.67		
15	64QAM	36	39	18.60	18.72	18.77		
15	64QAM	75	0	18.63	18.74	18.69		
15	256QAM	1	0	16.70	16.80	16.74	18.5	3.5
15	256QAM	1	37	16.58	16.82	16.67		
15	256QAM	1	74	16.71	16.68	16.67		
15	256QAM	36	0	16.59	16.68	16.63	18.5	3.5
15	256QAM	36	20	16.67	16.78	16.77		
15	256QAM	36	39	16.54	16.61	16.73		
15	256QAM	75	0	16.70	16.82	16.74		
Channel				42140	42540	42940	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.15	20.31	20.20	22	0
10	QPSK	1	25	20.08	20.25	20.18		
10	QPSK	1	49	20.12	20.24	20.27		
10	QPSK	25	0	20.16	20.23	20.12	22	0
10	QPSK	25	12	20.17	20.20	20.21		
10	QPSK	25	25	20.09	20.18	20.24		
10	QPSK	50	0	20.23	20.27	20.28		
10	16QAM	1	0	20.19	20.25	20.14	22	0
10	16QAM	1	25	20.18	20.18	20.05		
10	16QAM	1	49	20.09	20.06	20.13		
10	16QAM	25	0	19.64	19.82	19.65	21.5	0.5
10	16QAM	25	12	19.51	19.80	19.61		
10	16QAM	25	25	19.65	19.76	19.69		
10	16QAM	50	0	19.60	19.77	19.75		
10	64QAM	1	0	19.68	19.70	19.70	21.5	0.5
10	64QAM	1	25	19.53	19.72	19.78		
10	64QAM	1	49	19.71	19.73	19.75		
10	64QAM	25	0	18.66	18.81	18.61	20.5	1.5
10	64QAM	25	12	18.58	18.78	18.59		
10	64QAM	25	25	18.59	18.75	18.79		
10	64QAM	50	0	18.63	18.75	18.73		
10	256QAM	1	0	16.70	16.77	16.70	18.5	3.5
10	256QAM	1	25	16.61	16.84	16.70		
10	256QAM	1	49	16.63	16.71	16.72		
10	256QAM	25	0	16.57	16.71	16.63	18.5	3.5
10	256QAM	25	12	16.62	16.81	16.81		
10	256QAM	25	25	16.81	16.67	16.75		
10	256QAM	50	0	16.73	16.77	16.76		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.13	20.34	20.16	22	0
5	QPSK	1	12	20.04	20.31	20.20		
5	QPSK	1	24	20.11	20.16	20.23		
5	QPSK	12	0	20.12	20.21	20.18	22	0
5	QPSK	12	7	20.12	20.29	20.21		
5	QPSK	12	13	20.03	20.15	20.19		
5	QPSK	25	0	20.17	20.26	20.29		
5	16QAM	1	0	20.15	20.24	20.16	22	0
5	16QA

GSM1900 Ant5 DSI8

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	27.11	27.20	27.36	28.50	18.11	18.20	18.36	19.50
GPRS 1 Tx slot	27.28	27.28	27.13	28.50	18.28	18.28	18.13	19.50
GPRS 2 Tx slots	24.01	24.00	24.04	25.50	18.01	18.00	18.04	19.50
GPRS 3 Tx slots	22.01	22.10	22.07	23.70	17.75	17.84	17.81	19.44
GPRS 4 Tx slots	20.63	20.71	20.59	22.50	17.63	17.71	17.59	19.50
EDGE 1 Tx slot	24.35	24.39	24.35	25.50	15.35	15.39	15.35	16.50
EDGE 2 Tx slots	21.93	22.01	21.99	22.50	15.93	16.01	15.99	16.50
EDGE 3 Tx slots	20.19	20.27	20.19	20.70	15.93	16.01	15.93	16.44
EDGE 4 Tx slots	18.75	18.83	18.77	19.50	15.75	15.83	15.77	16.50

WCDMA II Ant5 DSI8 / WCDMA IV Ant5 DSI8

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.96	17.13	16.95	18.00	16.03	16.11	16.12	17.00
3GPP Rel 99	RMC 12.2Kbps	17.05	17.20	17.03	18.00	16.13	16.17	16.15	17.00
3GPP Rel 6	HSDPA Subtest-1	15.85	16.25	15.90	17.00	14.96	15.31	14.97	16.00
3GPP Rel 6	HSDPA Subtest-2	15.84	16.04	16.04	17.00	14.92	15.24	15.16	16.00
3GPP Rel 6	HSDPA Subtest-3	15.45	15.63	15.40	16.50	14.56	14.75	14.50	15.50
3GPP Rel 6	HSDPA Subtest-4	15.45	15.46	15.44	16.50	14.56	14.48	14.52	15.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.84	15.93	15.76	17.00	15.03	15.08	14.90	16.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.71	15.97	16.05	17.00	14.85	15.12	15.20	16.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.59	15.55	15.55	16.50	14.58	14.68	14.73	15.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.56	15.37	15.36	16.50	14.65	14.56	14.54	15.50
3GPP Rel 6	HSUPA Subtest-1	16.00	16.02	16.07	17.00	15.05	15.19	15.13	16.00
3GPP Rel 6	HSUPA Subtest-2	13.95	14.06	14.12	15.00	13.01	13.16	13.17	14.00
3GPP Rel 6	HSUPA Subtest-3	14.88	15.03	15.05	16.00	14.01	14.13	14.20	15.00
3GPP Rel 6	HSUPA Subtest-4	13.74	14.11	13.84	15.00	12.81	13.21	12.92	14.00
3GPP Rel 6	HSUPA Subtest-5	15.76	16.07	15.92	17.00	14.88	15.28	14.99	16.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.38	13.45	13.33	14.50	12.41	12.47	12.43	13.50

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)				1850	1880	1900		
20	QPSK	1	0	16.77	17.00	16.86		
20	QPSK	1	49	16.83	16.88	16.84	18	0
20	QPSK	1	99	16.82	16.89	16.92		
20	QPSK	50	0	16.81	16.97	16.80		
20	QPSK	50	24	16.84	16.84	16.75	18	0
20	QPSK	50	50	16.87	16.95	16.88		
20	QPSK	100	0	16.93	16.95	16.86		
20	16QAM	1	0	16.70	16.94	16.76		
20	16QAM	1	49	16.78	16.78	16.74	18	0
20	16QAM	1	99	16.80	16.80	16.77		
20	16QAM	50	0	16.77	16.88	16.72		
20	16QAM	50	24	16.73	16.73	16.66	18	0
20	16QAM	50	50	16.77	16.89	16.77		
20	16QAM	100	0	16.85	16.89	16.76		
20	64QAM	1	0	16.67	16.80	16.81		
20	64QAM	1	49	16.75	16.79	16.81	18	0
20	64QAM	1	99	16.79	16.84	16.77		
20	64QAM	50	0	16.77	16.89	16.76		
20	64QAM	50	24	16.78	16.81	16.68	18	0
20	64QAM	50	50	16.83	16.86	16.78		
20	64QAM	100	0	16.88	16.87	16.80		
20	256QAM	1	0	16.68	16.90	16.84		
20	256QAM	1	49	16.79	16.85	16.75	18	0
20	256QAM	1	99	16.77	16.78	16.75		
20	256QAM	50	0	16.79	16.92	16.76		
20	256QAM	50	24	16.78	16.78	16.66	18	0
20	256QAM	50	50	16.77	16.86	16.78		
20	256QAM	100	0	16.91	16.88	16.83		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.74	16.93	16.83		
15	QPSK	1	37	16.75	16.81	16.77	18	0
15	QPSK	1	74	16.79	16.87	16.75		
15	QPSK	36	0	16.77	16.95	16.76		
15	QPSK	36	20	16.80	16.79	16.71	18	0
15	QPSK	36	39	16.80	16.85	16.85		
15	QPSK	75	0	16.85	16.91	16.76		
15	16QAM	1	0	16.61	16.90	16.75		
15	16QAM	1	37	16.71	16.69	16.73	18	0
15	16QAM	1	74	16.75	16.70	16.68		
15	16QAM	36	0	16.75	16.86	16.64		
15	16QAM	36	20	16.67	16.65	16.57	18	0
15	16QAM	36	39	16.68	16.88	16.73		
15	16QAM	75	0	16.84	16.82	16.71		
15	64QAM	1	0	16.56	16.81	16.78		
15	64QAM	1	37	16.65	16.76	16.77	18	0
15	64QAM	1	74	16.76	16.76	16.67		
15	64QAM	36	0	16.72	16.87	16.68		
15	64QAM	36	20	16.71	16.73	16.63	18	0
15	64QAM	36	39	16.80	16.79	16.71		
15	64QAM	75	0	16.82	16.76	16.70		
15	256QAM	1	0	16.57	16.88	16.77		
15	256QAM	1	37	16.78	16.83	16.69	18	0
15	256QAM	1	74	16.66	16.68	16.70		
15	256QAM	36	0	16.75	16.88	16.75		
15	256QAM	36	20	16.68	16.73	16.60	18	0
15	256QAM	36	39	16.67	16.81	16.72		
15	256QAM	75	0	16.90	16.86	16.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.70	16.94	16.76		
10	QPSK	1	25	16.76	16.81	16.74	18	0
10	QPSK	1	49	16.80	16.83	16.69		
10	QPSK	25	0	16.79	16.94	16.78		
10	QPSK	25	12	16.82	16.78	16.69	18	0
10	QPSK	25	25	16.83	16.86	16.85		
10	QPSK	50	0	16.87	16.85	16.76		
10	16QAM	1	0	16.69	16.86	16.70		
10	16QAM	1	25	16.76	16.68	16.64	18	0
10	16QAM	1	49	16.75	16.76	16.70		
10	16QAM	25	0	16.69	16.77	16.65		
10	16QAM	25	12	16.68	16.64	16.63	18	0
10	16QAM	25	25	16.67	16.84	16.70		
10	16QAM	50	0	16.81	16.81	16.70		
10	64QAM	1	0	16.63	16.82	16.75		
10	64QAM	1	25	16.73	16.75	16.79	18	0
10	64QAM	1	49	16.73	16.82	16.67		
10	64QAM	25	0	16.66	16.81	16.70		
10	64QAM	25	12	16.68	16.74	16.63	18	0
10	64QAM	25	25	16.72	16.77	16.75		
10	64QAM	50	0	16.83	16.79	16.69		
10	256QAM	1	0	16.64	16.79	16.74		
10	256QAM	1	25	16.78	16.83	16.66	18	0
10	256QAM	1	49	16.72	16.71	16.74		
10	256QAM	25	0	16.71	16.88	16.71		
10	256QAM	25	12	16.72	16.77	16.61	18	0
10	256QAM	25	25	16.75	16.84	16.74		
10	256QAM	50	0	16.89	16.84	16.78		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.74	16.92	16.83		
5	QPSK	1	12	16.77	16.86	16.79	18	0
5	QPSK	1	24	16.79	16.86	16.77		
5	QPSK	12	0	16.80	16.93	16.76		
5	QPSK	12	7	16.74	16.77	16.72	18	0
5	QPSK	12	13	16.77	16.94	16.78		
5	QPSK	25	0	16.90	16.88	16.80		
5	16QAM	1	0	16.60	16.85	16.69		
5	16QAM	1	12	16.72	16.67	16.64	18	0
5	16QAM	1	24	16.75	16.74	16.75		
5	16QAM	12	0	16.68	16.80	16.69		
5	16QAM	12	7	16.68	16.69	16.57	18	0
5	16QAM	12	13	16.67	16.82	16.70		
5	16QAM	25	0	16.79	16.79	16.70		
5	64QAM	1	0	16.56	16.81	16.78		
5	64QAM	1	12	16.66	16.71	16.75	18	0
5	64QAM	1	24	16.76	16.78	16.73		
5	64QAM	12	0	16.67	16.88	16.71		
5	64QAM	12	7	16.72	16.73	16.61	18	0
5	64QAM	12	13	16.81	16.81	16.72		
5	64QAM	25	0	16.80	16.85	16.76		
5	256QAM	1	0	16.61	16.82	16.77		
5	256QAM	1	12	16.73	16.77	16.71	18	0
5	256QAM	1	24	16.69	16.68	16.70		
5	256QAM	12	0	16.69	16.82	16.69		
5	256QAM	12	7	16.74	16.69	16.65	18	0
5	256QAM	12	13	16.68	16.86	16.76		
5	256QAM	25	0	16.87	16.82	16.72		
Channel				18575	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.69	16.99	16.76		
3	QPSK	1	8	16.72	16.79	16.80	18	0
3	QPSK	1	14	16.74	16.83	16.72		
3	QPSK	8	0	16.76	16.88	16.71		
3	QPSK	8	4	16.79	16.82	16.72	18	0
3	QPSK	8	7	16.81	16.92	16.84		
3	QPSK	15	0	16.83	16.88	16.79		
3	16QAM	1	0	16.66	16.90	16.73		
3	16QAM	1	8	16.75	16.72	16.63	18	0
3	16QAM	1	14	16.78	16.75	16.69		
3	16QAM	8	0	16.69	16.86	16.62		
3	16QAM	8	4	16.69	16.62	16.63	18	0
3	16QAM	8	7	16.70	16.87	16.72		
3	16QAM	15	0	16.79	16.83	16.68		
3	64QAM	1	0	16.63	16.84	16.76		
3	64QAM	1	8	16.66	16.77	16.78	18	0
3	64QAM	1	14	16.73	16.78	16.73		
3	64QAM	8	0	16.70	16.88	16.67		
3	64QAM	8	4	16.75	16.74	16.65	18	0
3	64QAM	8	7	16.75	16.77	16.77		
3	64QAM	15	0	16.86	16.84	16.71		
3	256QAM	1	0	16.58	16.85	16.78		
3	256QAM	1	8	16.71	16.75	16.73	18	0
3	256QAM	1	14	16.76	16.77	16.68		
3	256QAM	8	0	16.69	16.88	16.75		
3	256QAM	8	4	16.75	16.75	16.57	18	0
3	256QAM	8	7	16.71	16.80	16.67		
3	256QAM	15	0	16.86	16.85	16.77		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.76	16.90	16.79		
1.4	QPSK	1	3	16.81	16.78	16.76	18	0
1.4	QPSK	1	5	16.75	16.79	16.72		
1.4	QPSK	3	0	16.78	16.86	16.77		
1.4	QPSK	3	1	16.75	16.76	16.66		
1.4	QPSK	3	3	16.77	16.85	16.79		
1.4	QPSK	6	0	16.87	16.93	16.83	18	0
1.4	16QAM	1	0	16.65	16.89	16.71		
1.4	16QAM	1	3	16.70	16.70	16.64		
1.4	16QAM	1	5	16.75	16.77	16.71	18	0
1.4	16QAM	3	0	16.73	16.82	16.68		
1.4	16QAM	3	1	16.66	16.67	16.60		
1.4	16QAM	3	3	16.66	16.88	16.72		
1.4	16QAM	6	0	16.74	16.80	16.68	18	0
1.4	64QAM	1	0	16.62	16.85	16.75		
1.4	64QAM	1	3	16.73	16.71	16.77		
1.4	64QAM	1	5	16.71	16.80	16.75	18	0
1.4	64QAM	3	0	16.68	16.85	16.65		
1.4	64QAM	3	1	16.71	16.74	16.59		
1.4	64QAM	3	3	16.75	16.79	16.68		
1.4	64QAM	6	0	16.80	16.78	16.77	18	0
1.4	256QAM	1	0	16.61	16.87	16.78		
1.4	256QAM	1	3	16.75	16.77	16.66		
1.4	256QAM	1	5	16.67	16.70	16.67	18	0
1.4	256QAM	3	0	16.78	16.90	16.70		
1.4	256QAM	3	1	16.69	16.75	16.58		
1.4	256QAM	3	3	16.67	16.87	16.73		
1.4	256QAM	6	0	16.80	16.84	16.73	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.08	17.33	17.32		
20	QPSK	1	49	17.22	17.12	17.11	18.2	0
20	QPSK	1	99	17.23	17.22	17.15		
20	QPSK	50	0	17.28	17.29	17.09		
20	QPSK	50	24	17.28	17.15	17.05	18.2	0
20	QPSK	50	50	17.15	17.18	17.09		
20	QPSK	100	0	17.16	17.23	17.15		
20	16QAM	1	0	17.01	17.27	17.28		
20	16QAM	1	49	17.18	17.04	17.01	18.2	0
20	16QAM	1	99	17.12	17.11	17.08		
20	16QAM	50	0	17.23	17.22	17.00		
20	16QAM	50	24	17.23	17.04	17.03	18.2	0
20	16QAM	50	50	17.09	17.12	17.02		
20	16QAM	100	0	17.10	17.13	17.05		
20	64QAM	1	0	16.99	17.22	17.28		
20	64QAM	1	49	17.18	17.10	17.04	18.2	0
20	64QAM	1	99	17.18	17.07	17.09		
20	64QAM	50	0	17.19	17.26	17.06		
20	64QAM	50	24	17.23	17.14	17.03	18.2	0
20	64QAM	50	50	17.10	17.15	17.00		
20	64QAM	100	0	17.17	17.21	17.08		
20	256QAM	1	0	16.99	17.24	17.30		
20	256QAM	1	49	17.19	17.04	17.02	18.2	0
20	256QAM	1	99	17.15	17.14	17.13		
20	256QAM	50	0	17.24	17.20	17.01		
20	256QAM	50	24	17.19	17.12	17.03	18.2	0
20	256QAM	50	50	17.10	17.14	16.98		
20	256QAM	100	0	17.07	17.14	17.11		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.00	17.31	17.24		
15	QPSK	1	37	17.05	17.03	17.02	18.2	0
15	QPSK	1	74	17.20	17.08	17.07		
15	QPSK	36	0	17.27	17.18	17.01		
15	QPSK	36	20	17.26	17.05	17.00	18.2	0
15	QPSK	36	39	17.28	17.22	17.01		
15	QPSK	75	0	17.10	17.20	17.13		
15	16QAM	1	0	16.97	17.18	17.20		
15	16QAM	1	37	17.08	16.94	16.93	18.2	0
15	16QAM	1	74	17.08	17.07	17.04		
15	16QAM	36	0	17.21	17.13	16.92		
15	16QAM	36	20	17.12	17.00	16.93	18.2	0
15	16QAM	36	39	17.02	17.03	16.98		
15	16QAM	75	0	17.04	17.03	16.99		
15	64QAM	1	0	16.90	17.20	17.25		
15	64QAM	1	37	17.13	17.01	16.98	18.2	0
15	64QAM	1	74	17.16	16.98	17.00		
15	64QAM	36	0	17.08	17.22	17.00		
15	64QAM	36	20	17.07	17.02	16.94	18.2	0
15	64QAM	36	39	17.01	17.08	16.95		
15	64QAM	75	0	17.08	17.12	17.02		
15	256QAM	1	0	16.91	17.20	17.25		
15	256QAM	1	37	17.12	16.97	16.91	18.2	0
15	256QAM	1	74	17.05	17.10	17.05		
15	256QAM	36	0	17.19	17.13	17.00		
15	256QAM	36	20	17.17	17.08	16.93	18.2	0
15	256QAM	36	39	17.03	17.06	16.90		
15	256QAM	75	0	17.05	17.12	17.04		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.02	17.25	17.25		
10	QPSK	1	25	17.18	17.02	17.01	18.2	0
10	QPSK	1	49	17.13	17.04	17.11		
10	QPSK	25	0	17.26	17.18	17.08		
10	QPSK	25	12	17.20	17.05	17.00	18.2	0
10	QPSK	25	25	17.11	17.08	17.04		
10	QPSK	50	0	17.10	17.17	17.09		
10	16QAM	1	0	16.98	17.25	17.21		
10	16QAM	1	25	17.16	16.95	16.99	18.2	0
10	16QAM	1	49	17.09	17.07	17.07		
10	16QAM	25	0	17.20	17.16	16.96		
10	16QAM	25	12	17.18	16.94	16.94	18.2	0
10	16QAM	25	25	16.99	17.02	16.95		
10	16QAM	50	0	17.08	17.06	16.98		
10	64QAM	1	0	16.91	17.14	17.19		
10	64QAM	1	25	17.11	17.07	16.99	18.2	0
10	64QAM	1	49	17.09	17.02	16.99		
10	64QAM	25	0	17.16	17.16	16.98		
10	64QAM	25	12	17.13	17.08	16.97	18.2	0
10	64QAM	25	25	17.09	17.11	16.92		
10	64QAM	50	0	17.15	17.17	17.05		
10	256QAM	1	0	16.98	17.18	17.24		
10	256QAM	1	25	17.11	17.01	16.93	18.2	0
10	256QAM	1	49	17.08	17.12	17.09		
10	256QAM	25	0	17.15	17.13	16.90		
10	256QAM	25	12	17.08	17.06	17.02	18.2	0
10	256QAM	25	25	17.07	17.07	16.91		
10	256QAM	50	0	16.97	17.11	17.02		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.04	17.26	17.27		
5	QPSK	1	12	17.19	17.10	17.01	18.2	0
5	QPSK	1	24	17.18	17.08	17.04		
5	QPSK	12	0	17.17	17.21	17.02		
5	QPSK	12	7	17.23	17.10	17.02	18.2	0
5	QPSK	12	13	17.13	17.15	17.06		
5	QPSK	25	0	17.07	17.22	17.08		
5	16QAM	1	0	16.90	17.20	17.26		
5	16QAM	1	12	17.19	17.03	16.91	18.2	0
5	16QAM	1	24	17.02	17.07	17.06		
5	16QAM	12	0	17.19	17.18	16.98		
5	16QAM	12	7	17.12	16.95	16.93	18.2	0
5	16QAM	12	13	17.08	17.02	16.92		
5	16QAM	25	0	17.04	17.07	16.98		
5	64QAM	1	0	16.90	17.13	17.20		
5	64QAM	1	12	17.09	17.01	16.99	18.2	0
5	64QAM	1	24	17.08	16.97	17.01		
5	64QAM	12	0	17.17	17.17	16.99		
5	64QAM	12	7	17.15	17.01	16.96	18.2	0
5	64QAM	12	13	16.99	17.10	16.96		
5	64QAM	25	0	17.08	17.06	17.04		
5	256QAM	1	0	16.98	17.17	17.28		
5	256QAM	1	12	17.13	16.95	16.96	18.2	0
5	256QAM	1	24	17.09	17.10	17.07		
5	256QAM	12	0	17.08	17.16	16.95		
5	256QAM	12	7	17.09	17.06	17.01	18.2	0
5	256QAM	12	13	17.06	17.04	16.97		
5	256QAM	25	0	17.05	17.11	17.00		
Channel				19950	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.97	17.27	17.24		
3	QPSK	1	8	17.16	17.03	17.07	18.2	0
3	QPSK	1	14	17.12	17.05	17.09		
3	QPSK	8	0	17.23	17.17	17.03		
3	QPSK	8	4	17.19	17.12	17.00	18.2	0
3	QPSK	8	7	17.04	17.17	17.06		
3	QPSK	15	0	17.14	17.16	17.04		
3	16QAM	1	0	17.00	17.25	17.26		
3	16QAM	1	8	17.16	16.96	16.95	18.2	0
3	16QAM	1	14	17.06	17.02	17.04		
3	16QAM	8	0	17.17	17.16	16.97		
3	16QAM	8	4	17.15	17.06	16.98	18.2	0
3	16QAM	8	7	17.03	17.06	16.97		
3	16QAM	15	0	16.99	17.04	17.00		
3	64QAM	1	0	16.93	17.12	17.23		
3	64QAM	1	8	17.13	16.99	16.97	18.2	0
3	64QAM	1	14	17.09	16.99	16.98		
3	64QAM	8	0	17.17	17.16	17.02		
3	64QAM	8	4	17.21	17.04	16.95	18.2	0
3	64QAM	8	7	17.06	17.04	16.99		
3	64QAM	15	0	17.07	17.19	17.04		
3	256QAM	1	0	16.93	17.17	17.21		
3	256QAM	1	8	17.10	17.01	16.99	18.2	0
3	256QAM	1	14	17.13	17.07	17.04		
3	256QAM	8	0	17.14	17.14	16.91		
3	256QAM	8	4	17.17	17.06	16.97	18.2	0
3	256QAM	8	7	17.01	17.11	16.92		
3	256QAM	15	0	17.07	17.04	17.00		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.99	17.31	17.24		
1.4	QPSK	1	3	17.20	17.02	17.05	18.2	0
1.4	QPSK	1	5	17.21	17.08	17.04		
1.4	QPSK	3	0	17.19	17.24	17.07		
1.4	QPSK	3	1	17.21	17.12	16.99		
1.4	QPSK	3	3	17.13	17.11	17.05		
1.4	QPSK	6	0	17.07	17.18	17.08	18.2	0
1.4	16QAM	1	0	16.95	17.22	17.25		
1.4	16QAM	1	3	17.13	16.93	16.93		
1.4	16QAM	1	5	17.03	17.07	17.07	18.2	0
1.4	16QAM	3	0	17.20	17.17	16.97		
1.4	16QAM	3	1	17.14	17.02	16.96		
1.4	16QAM	3	3	17.02	17.08	16.99		
1.4	16QAM	6	0	17.08	17.06	17.01	18.2	0
1.4	64QAM	1	0	16.96	17.15	17.27		
1.4	64QAM	1	3	17.15	17.00	17.01	18.2	0
1.4	64QAM	1	5	17.09	17.05	17.08		
1.4	64QAM	3	0	17.14	17.19	16.97		
1.4	64QAM	3	1	17.16	17.07	16.96		
1.4	64QAM	3	3	17.07	17.14	16.94		
1.4	64QAM	6	0	17.12	17.14	17.03	18.2	0
1.4	256QAM	1	0	16.95	17.15	17.22		
1.4	256QAM	1	3	17.11	16.95	16.91	18.2	0
1.4	256QAM	1	5	17.09	17.05	17.06		
1.4	256QAM	3	0	17.17	17.11	16.95		
1.4	256QAM	3	1	17.17	17.04	16.96		
1.4	256QAM	3	3	16.99	17.05	16.88		
1.4	256QAM	6	0	16.97	17.07	17.09	18.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.31	15.41	15.40		
20	QPSK	1	49	15.37	15.34	15.27	16.2	0
20	QPSK	1	99	15.32	15.31	15.26		
20	QPSK	50	0	15.31	15.39	15.37		
20	QPSK	50	24	15.23	15.28	15.26	16.2	0
20	QPSK	50	50	15.35	15.37	15.32		
20	QPSK	100	0	15.34	15.39	15.27		
20	16QAM	1	0	15.27	15.39	15.34		
20	16QAM	1	49	15.35	15.24	15.19	16.2	0
20	16QAM	1	99	15.29	15.36	15.25		
20	16QAM	50	0	15.22	15.31	15.33		
20	16QAM	50	24	15.18	15.22

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	17.63	17.75	17.74	18.2	0
20	QPSK	1	49	17.55	17.65	17.72		
20	QPSK	1	99	17.57	17.60	17.69		
20	QPSK	50	0	17.71	17.72	17.68	18.2	0
20	QPSK	50	24	17.62	17.62	17.58		
20	QPSK	50	50	17.69	17.70	17.62		
20	QPSK	100	0	17.71	17.75	17.68		
20	16QAM	1	0	17.60	17.77	17.68	18.2	0
20	16QAM	1	49	17.53	17.61	17.62		
20	16QAM	1	99	17.49	17.52	17.59		
20	16QAM	50	0	17.64	17.68	17.66	18.2	0
20	16QAM	50	24	17.60	17.54	17.50		
20	16QAM	50	50	17.63	17.59	17.58		
20	16QAM	100	0	17.60	17.65	17.63		
20	64QAM	1	0	17.52	17.73	17.66	18.2	0
20	64QAM	1	49	17.48	17.61	17.67		
20	64QAM	1	99	17.52	17.54	17.68		
20	64QAM	50	0	17.61	17.64	17.63	18.2	0
20	64QAM	50	24	17.54	17.60	17.51		
20	64QAM	50	50	17.61	17.62	17.57		
20	64QAM	100	0	17.69	17.71	17.62		
20	256QAM	1	0	17.53	17.75	17.65	18.2	0
20	256QAM	1	49	17.46	17.59	17.70		
20	256QAM	1	99	17.53	17.57	17.66		
20	256QAM	50	0	17.64	17.61	17.67	18.2	0
20	256QAM	50	24	17.53	17.55	17.55		
20	256QAM	50	50	17.65	17.59	17.59		
20	256QAM	100	0	17.63	17.74	17.67		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	17.60	17.69	17.63	18.2	0
15	QPSK	1	37	17.46	17.56	17.67		
15	QPSK	1	74	17.47	17.50	17.67		
15	QPSK	36	0	17.69	17.66	17.58	18.2	0
15	QPSK	36	20	17.61	17.53	17.54		
15	QPSK	36	39	17.60	17.62	17.60		
15	QPSK	75	0	17.67	17.70	17.65		
15	16QAM	1	0	17.51	17.68	17.61	18.2	0
15	16QAM	1	37	17.43	17.58	17.57		
15	16QAM	1	74	17.48	17.43	17.49		
15	16QAM	36	0	17.57	17.62	17.64	18.2	0
15	16QAM	36	20	17.56	17.44	17.46		
15	16QAM	36	39	17.54	17.55	17.56		
15	16QAM	75	0	17.52	17.63	17.60		
15	64QAM	1	0	17.46	17.71	17.58	18.2	0
15	64QAM	1	37	17.47	17.53	17.65		
15	64QAM	1	74	17.48	17.48	17.64		
15	64QAM	36	0	17.52	17.56	17.60	18.2	0
15	64QAM	36	20	17.49	17.59	17.46		
15	64QAM	36	39	17.53	17.61	17.51		
15	64QAM	75	0	17.61	17.65	17.60		
15	256QAM	1	0	17.47	17.71	17.61	18.2	0
15	256QAM	1	37	17.39	17.54	17.60		
15	256QAM	1	74	17.52	17.49	17.62		
15	256QAM	36	0	17.61	17.57	17.65	18.2	0
15	256QAM	36	20	17.45	17.46	17.47		
15	256QAM	36	39	17.55	17.51	17.50		
15	256QAM	75	0	17.54	17.72	17.56		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	17.53	17.72	17.71	18.2	0
10	QPSK	1	25	17.52	17.56	17.63		
10	QPSK	1	49	17.48	17.57	17.64		
10	QPSK	25	0	17.69	17.68	17.57	18.2	0
10	QPSK	25	12	17.57	17.52	17.56		
10	QPSK	25	25	17.64	17.65	17.52		
10	QPSK	50	0	17.62	17.67	17.60		
10	16QAM	1	0	17.53	17.76	17.58	18.2	0
10	16QAM	1	25	17.52	17.56	17.57		
10	16QAM	1	49	17.45	17.50	17.50		
10	16QAM	25	0	17.58	17.60	17.58	18.2	0
10	16QAM	25	12	17.49	17.44	17.43		
10	16QAM	25	25	17.57	17.53	17.57		
10	16QAM	50	0	17.54	17.60	17.56		
10	64QAM	1	0	17.44	17.65	17.56	18.2	0
10	64QAM	1	25	17.38	17.58	17.66		
10	64QAM	1	49	17.43	17.43	17.59		
10	64QAM	25	0	17.57	17.60	17.55	18.2	0
10	64QAM	25	12	17.46	17.51	17.42		
10	64QAM	25	25	17.51	17.55	17.47		
10	64QAM	50	0	17.64	17.67	17.52		
10	256QAM	1	0	17.46	17.71	17.63	18.2	0
10	256QAM	1	25	17.44	17.54	17.66		
10	256QAM	1	49	17.43	17.52	17.63		
10	256QAM	25	0	17.60	17.55	17.65	18.2	0
10	256QAM	25	12	17.46	17.52	17.52		
10	256QAM	25	25	17.64	17.56	17.55		
10	256QAM	50	0	17.58	17.67	17.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	17.59	17.68	17.66	18.2	0
5	QPSK	1	12	17.54	17.55	17.71		
5	QPSK	1	24	17.51	17.56	17.68		
5	QPSK	12	0	17.68	17.62	17.66	18.2	0
5	QPSK	12	7	17.59	17.56	17.54		
5	QPSK	12	13	17.68	17.65	17.61		
5	QPSK	25	0	17.67	17.69	17.60		
5	16QAM	1	0	17.57	17.76	17.65	18.2	0
5	16QAM	1	12	17.43	17.54	17.59		
5	16QAM	1	24	17.41	17.42	17.55		
5	16QAM	12	0	17.60	17.64	17.56	18.2	0
5	16QAM	12	7	17.57	17.51	17.46		
5	16QAM	12	13	17.58	17.58	17.52		
5	16QAM	25	0	17.53	17.59	17.58		
5	64QAM	1	0	17.47	17.65	17.62	18.2	0
5	64QAM	1	12	17.41	17.55	17.59		
5	64QAM	1	24	17.48	17.53	17.65		
5	64QAM	12	0	17.52	17.61	17.58	18.2	0
5	64QAM	12	7	17.47	17.54	17.47		
5	64QAM	12	13	17.51	17.58	17.51		
5	64QAM	25	0	17.60	17.60	17.54		
5	256QAM	1	0	17.45	17.66	17.61	18.2	0
5	256QAM	1	12	17.42	17.48	17.63		
5	256QAM	1	24	17.49	17.47	17.58		
5	256QAM	12	0	17.56	17.58	17.60	18.2	0
5	256QAM	12	7	17.50	17.53	17.53		
5	256QAM	12	13	17.60	17.51	17.56		
5	256QAM	25	0	17.54	17.71	17.64		

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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	17.63	17.65	17.80	17.71	17.64	18.2	0
20	QPSK	1	49	17.58	17.60	17.55	17.62	17.62		
20	QPSK	1	99	17.71	17.52	17.58	17.53	17.62		
20	QPSK	50	0	17.56	17.67	17.68	17.66	17.52		
20	QPSK	50	24	17.58	17.63	17.63	17.55	17.58		
20	QPSK	50	50	17.65	17.63	17.59	17.60	17.56		
20	QPSK	100	0	17.55	17.60	17.69	17.65	17.58		
20	16QAM	1	0	17.55	17.54	17.74	17.60	17.62	18.2	0
20	16QAM	1	49	17.56	17.55	17.44	17.56	17.55		
20	16QAM	1	99	17.61	17.48	17.52	17.50	17.58		
20	16QAM	50	0	17.50	17.59	17.60	17.62	17.47	18.2	0
20	16QAM	50	24	17.53	17.58	17.60	17.50	17.56		
20	16QAM	50	50	17.63	17.62	17.57	17.59	17.49		
20	16QAM	100	0	17.45	17.51	17.63	17.57	17.54		
20	64QAM	1	0	17.56	17.56	17.77	17.68	17.57	18.2	0
20	64QAM	1	49	17.48	17.57	17.45	17.52	17.60		
20	64QAM	1	99	17.66	17.44	17.52	17.42	17.54		
20	64QAM	50	0	17.47	17.56	17.65	17.61	17.45	18.2	0
20	64QAM	50	24	17.52	17.61	17.62	17.49	17.48		
20	64QAM	50	50	17.54	17.53	17.52	17.53	17.47		
20	64QAM	100	0	17.51	17.56	17.58	17.56	17.56		
20	256QAM	1	0	17.55	17.61	17.74	17.67	17.62	18.2	0
20	256QAM	1	49	17.55	17.49	17.45	17.52	17.57		
20	256QAM	1	99	17.62	17.49	17.47	17.52	17.61		
20	256QAM	50	0	17.48	17.58	17.58	17.59	17.49	18.2	0
20	256QAM	50	24	17.47	17.53	17.56	17.46	17.57		
20	256QAM	50	50	17.58	17.58	17.50	17.51	17.51		
20	256QAM	100	0	17.46	17.53	17.64	17.58	17.57		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.57	17.62	17.74	17.67	17.62	18	0
15	QPSK	1	37	17.52	17.59	17.53	17.60	17.51		
15	QPSK	1	74	17.61	17.45	17.49	17.44	17.60		
15	QPSK	36	0	17.52	17.59	17.58	17.64	17.42	18.2	0
15	QPSK	36	20	17.47	17.58	17.60	17.48	17.55		
15	QPSK	36	39	17.60	17.61	17.49	17.50	17.53		
15	QPSK	75	0	17.47	17.57	17.67	17.63	17.48		
15	16QAM	1	0	17.50	17.48	17.70	17.58	17.57	18.2	0
15	16QAM	1	37	17.48	17.48	17.35	17.45	17.53		
15	16QAM	1	74	17.57	17.43	17.46	17.48	17.49		
15	16QAM	36	0	17.48	17.54	17.58	17.61	17.45	18.2	0
15	16QAM	36	20	17.50	17.49	17.57	17.47	17.48		
15	16QAM	36	39	17.56	17.57	17.55	17.56	17.43		
15	16QAM	75	0	17.41	17.48	17.56	17.53	17.52		
15	64QAM	1	0	17.51	17.46	17.69	17.65	17.51	18.2	0
15	64QAM	1	37	17.45	17.51	17.38	17.44	17.55		
15	64QAM	1	74	17.60	17.42	17.46	17.39	17.43		
15	64QAM	36	0	17.44	17.50	17.59	17.51	17.39	18.2	0
15	64QAM	36	20	17.44	17.53	17.58	17.48	17.40		
15	64QAM	36	39	17.44	17.46	17.48	17.43	17.40		
15	64QAM	75	0	17.46	17.52	17.56	17.52	17.55		
15	256QAM	1	0	17.49	17.57	17.70	17.62	17.61	18.2	0
15	256QAM	1	37	17.45	17.46	17.38	17.51	17.50		
15	256QAM	1	74	17.57	17.46	17.38	17.47	17.57		
15	256QAM	36	0	17.37	17.56	17.50	17.52	17.46	18.2	0
15	256QAM	36	20	17.38	17.46	17.53	17.35	17.49		
15	256QAM	36	39	17.52	17.49	17.41	17.49	17.44		
15	256QAM	75	0	17.40	17.51	17.62	17.49	17.49		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.57	17.63	17.77	17.61	17.55	18	0
10	QPSK	1	25	17.56	17.58	17.44	17.56	17.58		
10	QPSK	1	49	17.70	17.41	17.47	17.47	17.54		
10	QPSK	25	0	17.47	17.63	17.59	17.60	17.41	18.2	0
10	QPSK	25	12	17.48	17.61	17.55	17.52	17.57		
10	QPSK	25	25	17.59	17.56	17.57	17.52	17.50		
10	QPSK	50	0	17.50	17.51	17.59	17.64	17.49		
10	16QAM	1	0	17.46	17.52	17.72	17.55	17.54	18.2	0
10	16QAM	1	25	17.51	17.53	17.43	17.51	17.52		
10	16QAM	1	49	17.54	17.45	17.51	17.48	17.56		
10	16QAM	25	0	17.48	17.55	17.55	17.52	17.39	18.2	0
10	16QAM	25	12	17.51	17.55	17.54	17.44	17.53		
10	16QAM	25	25	17.57	17.51	17.54	17.55	17.47		
10	16QAM	50	0	17.38	17.47	17.53	17.46	17.50		
10	64QAM	1	0	17.51	17.53	17.74	17.65	17.54	18.2	0
10	64QAM	1	25	17.40	17.51	17.36	17.50	17.59		
10	64QAM	1	49	17.55	17.33	17.43	17.33	17.49		
10	64QAM	25	0	17.44	17.46	17.58	17.58	17.37	18.2	0
10	64QAM	25	12	17.44	17.55	17.60	17.42	17.46		
10	64QAM	25	25	17.51	17.51	17.41	17.44	17.49		
10	64QAM	50	0	17.50	17.45	17.53	17.55	17.54		
10	256QAM	1	0	17.49	17.57	17.71	17.65	17.52	18.2	0
10	256QAM	1	25	17.44	17.45	17.34	17.41	17.49		
10	256QAM	1	49	17.52	17.45	17.43	17.43	17.55		
10	256QAM	25	0	17.44	17.52	17.47	17.55	17.40	18.2	0
10	256QAM	25	12	17.41	17.51	17.51	17.36	17.54		
10	256QAM	25	25	17.51	17.49	17.47	17.50	17.48		
10	256QAM	50	0	17.41	17.45	17.53	17.54	17.54		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.9	2593	2640.30	2687.5		
5	QPSK	1	0	17.53	17.56	17.78	17.66	17.58	18	0
5	QPSK	1	12	17.48	17.52	17.46	17.54	17.53		
5	QPSK	1	24	17.69	17.45	17.56	17.45	17.58		
5	QPSK	12	0	17.40	17.61	17.61	17.58	17.46	18.2	0
5	QPSK	12	7	17.55	17.55	17.59	17.45	17.47		
5	QPSK	12	13	17.56	17.61	17.48	17.57	17.55		
5	QPSK	25	0	17.44	17.58	17.65	17.61	17.55		
5	16QAM	1	0	17.48	17.46	17.70	17.51	17.56	18.2	0
5	16QAM	1	12	17.48	17.51	17.37	17.50	17.52		
5	16QAM	1	24	17.51	17.44	17.42	17.41	17.49		
5	16QAM	12	0	17.47	17.50	17.57	17.57	17.44	18.2	0
5	16QAM	12	7	17.51	17.53	17.52	17.45	17.48		
5	16QAM	12	13	17.59	17.52	17.48	17.49	17.39		
5	16QAM	25	0	17.40	17.43	17.53	17.48	17.51		
5	64QAM	1	0	17.53	17.49	17.76	17.66	17.51	18.2	0
5	64QAM	1	12	17.41	17.54	17.37	17.48	17.54		
5	64QAM	1	24	17.62	17.34	17.44	17.35	17.44		
5	64QAM	12	0	17.36	17.48	17.60	17.52	17.39	18.2	0
5	64QAM	12	7	17.49	17.55	17.52	17.41	17.44		
5	64QAM	12	13	17.49	17.49	17.46	17.51	17.44		
5	64QAM	25	0	17.49	17.55	17.54	17.47	17.51		
5	256QAM	1	0	17.53	17.57	17.72	17.63	17.53	18.2	0
5	256QAM	1	12	17.47	17.47	17.41	17.46	17.51		
5	256QAM	1	24	17.59	17.41	17.43	17.43	17.52		
5	256QAM	12	0	17.37	17.55	17.47	17.53	17.38	18.2	0
5	256QAM	12	7	17.39	17.52	17.48	17.39	17.56		
5	256QAM	12	13	17.55	17.54	17.41	17.49	17.49		
5	256QAM	25	0	17.36	17.51	17.63	17.47	17.50		

GSM1900 Ant6 DSI8

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	29.40	29.50	29.41	30.50	20.40	20.50	20.41	21.50
GPRS 1 Tx slot	29.47	29.49	29.46	30.50	20.47	20.49	20.46	21.50
GPRS 2 Tx slots	26.68	26.76	26.70	27.50	20.68	20.76	20.70	21.50
GPRS 3 Tx slots	24.86	24.88	24.80	25.70	20.60	20.62	20.54	21.44
GPRS 4 Tx slots	23.65	23.66	23.57	24.50	20.65	20.66	20.57	21.50
EDGE 1 Tx slot	24.14	24.19	24.09	25.00	15.14	15.19	15.09	16.00
EDGE 2 Tx slots	21.75	21.82	21.74	22.00	15.75	15.82	15.74	16.00
EDGE 3 Tx slots	19.97	20.06	19.97	20.20	15.71	15.80	15.71	15.94
EDGE 4 Tx slots	18.55	18.61	18.53	19.00	15.55	15.61	15.53	16.00

WCDMA II Ant6 DSI8

WCDMA IV Ant6 DSI8

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	1752.8	
3GPP Rel 99	AMR 12.2Kbps	18.75	18.98	18.85	20.50	17.57	17.84	17.71	19.50
3GPP Rel 99	RMC 12.2Kbps	18.86	18.99	18.89	20.50	17.68	17.93	17.78	19.50
3GPP Rel 6	HSDPA Subtest-1	18.06	18.15	18.07	19.50	16.70	16.83	16.81	18.50
3GPP Rel 6	HSDPA Subtest-2	17.95	18.00	17.90	19.50	16.55	16.71	16.59	18.50
3GPP Rel 6	HSDPA Subtest-3	17.47	17.59	17.42	19.00	16.20	16.29	16.10	18.00
3GPP Rel 6	HSDPA Subtest-4	17.21	17.30	17.30	19.00	16.22	16.16	16.11	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.83	17.92	17.91	19.50	16.53	16.63	16.53	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.82	17.92	17.89	19.50	16.56	16.61	16.59	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	17.33	17.39	17.44	19.00	16.05	16.17	16.14	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	17.14	17.31	17.18	19.00	16.10	16.19	16.03	18.00
3GPP Rel 6	HSUPA Subtest-1	17.87	17.89	17.80	19.50	16.61	16.63	16.56	18.50
3GPP Rel 6	HSUPA Subtest-2	15.96	15.93	15.89	17.50	14.82	14.64	14.64	16.50
3GPP Rel 6	HSUPA Subtest-3	16.88	16.98	16.80	18.50	15.62	15.60	15.60	17.50
3GPP Rel 6	HSUPA Subtest-4	15.94	16.05	16.03	17.50	14.73	14.74	14.72	16.50
3GPP Rel 6	HSUPA Subtest-5	17.95	17.98	17.95	19.50	16.61	16.74	16.60	18.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.31	15.37	15.28	17.00	14.07	14.05	14.04	16.00

Band 2 Ant6 DSI8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.63	19.95	19.81	21.5	0
20	QPSK	1	49	19.80	19.72	19.78		
20	QPSK	1	99	19.76	19.82	19.75		
20	QPSK	50	0	19.80	19.85	19.70	21.5	0
20	QPSK	50	24	19.75	19.74	19.79		
20	QPSK	50	50	19.74	19.75	19.71		
20	QPSK	100	0	19.78	19.84	19.67		
20	16QAM	1	0	19.62	19.88	19.75	21.5	0
20	16QAM	1	49	19.69	19.70	19.76		
20	16QAM	1	99	19.73	19.77	19.71		
20	16QAM	50	0	19.73	19.80	19.63	21.5	0
20	16QAM	50	24	19.71	19.64	19.78		
20	16QAM	50	50	19.67	19.69	19.69		
20	16QAM	100	0	19.73	19.75	19.61		
20	64QAM	1	0	19.62	19.90	19.77	21.5	0
20	64QAM	1	49	19.76	19.64	19.70		
20	64QAM	1	99	19.71	19.74	19.71		
20	64QAM	50	0	19.72	19.82	19.66	21.5	0
20	64QAM	50	24	19.66	19.66	19.75		
20	64QAM	50	50	19.68	19.73	19.67		
20	64QAM	100	0	19.69	19.79	19.61		
20	256QAM	1	0	18.14	18.43	18.35	20	1.5
20	256QAM	1	49	18.28	18.17	18.26		
20	256QAM	1	99	18.25	18.33	18.25		
20	256QAM	50	0	18.31	18.37	18.18	20	1.5
20	256QAM	50	24	18.28	18.20	18.28		
20	256QAM	50	50	18.24	18.21	18.16		
20	256QAM	100	0	18.30	18.32	18.18		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.55	19.93	19.72	21.5	0
15	QPSK	1	37	19.79	19.70	19.69		
15	QPSK	1	74	19.70	19.72	19.70		
15	QPSK	36	0	19.71	19.78	19.68	21.5	0
15	QPSK	36	20	19.74	19.66	19.75		
15	QPSK	36	39	19.65	19.71	19.64		
15	QPSK	75	0	19.74	19.76	19.63		
15	16QAM	1	0	19.58	19.87	19.66	21.5	0
15	16QAM	1	37	19.61	19.62	19.73		
15	16QAM	1	74	19.68	19.71	19.60		
15	16QAM	36	0	19.63	19.74	19.54	21.5	0
15	16QAM	36	20	19.62	19.61	19.74		
15	16QAM	36	39	19.66	19.61	19.67		
15	16QAM	75	0	19.65	19.65	19.55		
15	64QAM	1	0	19.60	19.80	19.68	21.5	0
15	64QAM	1	37	19.72	19.62	19.59		
15	64QAM	1	74	19.68	19.66	19.67		
15	64QAM	36	0	19.63	19.79	19.56	21.5	0
15	64QAM	36	20	19.58	19.65	19.65		
15	64QAM	36	39	19.59	19.64	19.63		
15	64QAM	75	0	19.62	19.73	19.50		
15	256QAM	1	0	18.04	18.34	18.31	20	1.5
15	256QAM	1	37	18.25	18.15	18.22		
15	256QAM	1	74	18.19	18.31	18.19		
15	256QAM	36	0	18.28	18.31	18.07	20	1.5
15	256QAM	36	20	18.21	18.12	18.24		
15	256QAM	36	39	18.13	18.15	18.10		
15	256QAM	75	0	18.28	18.23	18.14		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.56	19.90	19.70	21.5	0
10	QPSK	1	25	19.75	19.61	19.70		
10	QPSK	1	49	19.67	19.73	19.66		
10	QPSK	25	0	19.79	19.80	19.63	21.5	0
10	QPSK	25	12	19.69	19.63	19.70		
10	QPSK	25	25	19.71	19.72	19.69		
10	QPSK	50	0	19.76	19.75	19.59		
10	16QAM	1	0	19.58	19.85	19.66	21.5	0
10	16QAM	1	25	19.59	19.68	19.71		
10	16QAM	1	49	19.69	19.67	19.62		
10	16QAM	25	0	19.67	19.74	19.57	21.5	0
10	16QAM	25	12	19.64	19.63	19.70		
10	16QAM	25	25	19.59	19.63	19.60		
10	16QAM	50	0	19.70	19.66	19.58		
10	64QAM	1	0	19.57	19.82	19.70	21.5	0
10	64QAM	1	25	19.66	19.54	19.66		
10	64QAM	1	49	19.66	19.72	19.63		
10	64QAM	25	0	19.68	19.73	19.57	21.5	0
10	64QAM	25	12	19.63	19.62	19.74		
10	64QAM	25	25	19.59	19.65	19.58		
10	64QAM	50	0	19.59	19.76	19.57		
10	256QAM	1	0	18.08	18.33	18.27	20	1.5
10	256QAM	1	25	18.25	18.07	18.17		
10	256QAM	1	49	18.17	18.30	18.15		
10	256QAM	25	0	18.27	18.30	18.13	20	1.5
10	256QAM	25	12	18.22	18.11	18.22		
10	256QAM	25	25	18.17	18.11	18.07		
10	256QAM	50	0	18.25	18.27	18.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.52	19.85	19.79	21.5	0
5	QPSK	1	12	19.72	19.63	19.76		
5	QPSK	1	24	19.68	19.76	19.67		
5	QPSK	12	0	19.74	19.74	19.68	21.5	0
5	QPSK	12	7	19.67	19.72	19.71		
5	QPSK	12	13	19.64	19.73	19.63		
5	QPSK	25	0	19.72	19.80	19.58		
5	16QAM	1	0	19.54	19.81	19.66	21.5	0
5	16QAM	1	12	19.66	19.67	19.70		
5	16QAM	1	24	19.64	19.74	19.68		
5	16QAM	12	0	19.64	19.74	19.61	21.5	0
5	16QAM	12	7	19.70	19.53	19.73		
5	16QAM	12	13	19.57	19.61	19.66		
5	16QAM	25	0	19.66	19.69	19.59		
5	64QAM	1	0	19.60	19.84	19.75	21.5	0
5	64QAM	1	12	19.73	19.56	19.64		
5	64QAM	1	24	19.70	19.65	19.60		
5	64QAM	12	0	19.66	19.75	19.61	21.5	0
5	64QAM	12	7	19.63	19.64	19.70		
5	64QAM	12	13	19.57	19.71	19.57		
5	64QAM	25	0	19.59	19.76	19.50		
5	256QAM	1	0	18.13	18.40	18.28	20	1.5
5	256QAM	1	12	18.21	18.13	18.17		
5	256QAM	1	24	18.21	18.24	18.19		
5	256QAM	12	0	18.21	18.34	18.11	20	1.5
5	256QAM	12	7	18.26	18.12	18.25		
5	256QAM	12	13	18.22	18.18	18.08		
5	256QAM	25	0	18.25	18.29	18.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.58	19.88	19.80	21.5	0
3	QPSK	1	8	19.79	19.69	19.72		
3	QPSK	1	14	19.74	19.75	19.73		
3	QPSK	8	0	19.78	19.76	19.63	21.5	0
3	QPSK	8	4	19.66	19.64	19.75		
3	QPSK	8	7	19.65	19.68	19.69		
3	QPSK	15	0	19.71	19.82	19.64		
3	16QAM	1	0	19.53	19.78	19.72	21.5	0
3	16QAM	1	8	19.66	19.64	19.67		
3	16QAM	1	14	19.70	19.71	19.63		
3	16QAM	8	0	19.62	19.76	19.54	21.5	0
3	16QAM	8	4	19.70	19.58	19.76		
3	16QAM	8	7	19.66	19.60	19.65		
3	16QAM	15	0	19.68	19.65	19.58		
3	64QAM	1	0	19.54	19.85	19.76	21.5	0
3	64QAM	1	8	19.74	19.60	19.61		
3	64QAM	1	14	19.62	19.71	19.66		
3	64QAM	8	0	19.68	19.71	19.62	21.5	0
3	64QAM	8	4	19.61	19.63	19.64		
3	64QAM	8	7	19.60	19.67	19.63		
3	64QAM	15	0	19.62	19.75	19.59		
3	256QAM	1	0	18.10	18.32	18.29	20	1.5
3	256QAM	1	8	18.23	18.14	18.24		
3	256QAM	1	14	18.19	18.23	18.23		
3	256QAM	8	0	18.23	18.34	18.12	20	1.5
3	256QAM	8	4	18.21	18.13	18.26		
3	256QAM	8	7	18.14	18.17	18.11		
3	256QAM	15	0	18.25	18.23	18.11		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.56	19.92	19.77	21.5	0
1.4	QPSK	1	3	19.72	19.64	19.73		
1.4	QPSK	1	5	19.68	19.76	19.71		
1.4	QPSK	3	0	19.77	19.75	19.62		
1.4	QPSK	3	1	19.66	19.71	19.78		
1.4	QPSK	3	3	19.64	19.74	19.70		
1.4	QPSK	6	0	19.74	19.76	19.58	21.5	0
1.4	16QAM	1	0	19.54	19.86	19.66	21.5	0
1.4	16QAM	1	3	19.63	19.62	19.69		
1.4	16QAM	1	5	19.68	19.76	19.63		
1.4	16QAM	3	0	19.69	19.73	19.57		
1.4	16QAM	3	1	19.65	19.57	19.72		
1.4	16QAM	3	3	19.58	19.62	19.61		
1.4	16QAM	6	0	19.68	19.64	19.53	21.5	0
1.4	64QAM	1	0	19.55	19.85	19.73	21.5	0
1.4	64QAM	1	3	19.65	19.60	19.68		
1.4	64QAM	1	5	19.65	19.71	19.61		
1.4	64QAM	3	0	19.70	19.77	19.62		
1.4	64QAM	3	1	19.56	19.60	19.66		
1.4	64QAM	3	3	19.59	19.65	19.62		
1.4	64QAM	6	0	19.66	19.71	19.53	21.5	0
1.4	256QAM	1	0	18.03	18.33	18.32	20	1.5
1.4	256QAM	1	3	18.20	18.09	18.16		
1.4	256QAM	1	5	18.22	18.32	18.23		
1.4	256QAM	3	0	18.30	18.30	18.10		
1.4	256QAM	3	1	18.26	18.11	18.25		
1.4	256QAM	3	3	18.15	18.17	18.07		
1.4	256QAM	6	0	18.23	18.21	18.14	20	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	17.88	18.07	17.72	19.7	0
20	QPSK	1	49	17.93	17.85	17.79		
20	QPSK	1	99	17.83	17.86	17.88		
20	QPSK	50	0	17.86	17.99	17.83	19.7	0
20	QPSK	50	24	17.82	17.85	17.93		
20	QPSK	50	50	17.89	17.95	17.83		
20	QPSK	100	0	17.88	17.89	17.83		
20	16QAM	1	0	17.78	18.05	18.03	19.7	0
20	16QAM	1	49	17.84	17.79	17.75		
20	16QAM	1	99	17.78	17.84	17.84		
20	16QAM	50	0	17.80	17.92	17.97	19.7	0
20	16QAM	50	24	17.78	17.74	17.81		
20	16QAM	50	50	17.81	17.90	17.89		
20	16QAM	100	0	17.82	17.80	17.81		
20	64QAM	1	0	17.80	18.02	18.00	19.7	0
20	64QAM	1	49	17.89	17.75	17.74		
20	64QAM	1	99	17.74	17.85	17.82		
20	64QAM	50	0	17.82	17.96	17.88	19.7	0
20	64QAM	50	24	17.74	17.82	17.78		
20	64QAM	50	50	17.78	17.91	17.91		
20	64QAM	100	0	17.81	17.78	17.83		
20	256QAM	1	0	17.80	17.97	17.98	19.7	0
20	256QAM	1	49	17.92	17.77	17.84		
20	256QAM	1	99	17.79	17.78	17.77		
20	256QAM	50	0	17.84	17.88	17.91	19.7	0
20	256QAM	50	24	17.77	17.77	17.80		
20	256QAM	50	50	17.81	17.89	17.84		
20	256QAM	100	0	17.77	17.79	17.78		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.84	18.00	17.75	19.7	0
15	QPSK	1	37	17.90	17.83	17.75		
15	QPSK	1	74	17.74	17.81	17.77		
15	QPSK	36	0	17.76	17.88	17.75	19.7	0
15	QPSK	36	20	17.74	17.81	17.89		
15	QPSK	36	39	17.79	17.86	17.81		
15	QPSK	75	0	17.84	17.83	17.80		
15	16QAM	1	0	17.75	18.04	18.02	19.7	0
15	16QAM	1	37	17.76	17.76	17.71		
15	16QAM	1	74	17.75	17.76	17.73		
15	16QAM	36	0	17.71	17.87	17.91	19.7	0
15	16QAM	36	20	17.73	17.71	17.73		
15	16QAM	36	39	17.77	17.84	17.82		
15	16QAM	75	0	17.74	17.75	17.79		
15	64QAM	1	0	17.73	17.94	17.90	19.7	0
15	64QAM	1	37	17.88	17.71	17.75		
15	64QAM	1	74	17.70	17.84	17.80		
15	64QAM	36	0	17.71	17.95	17.78	19.7	0
15	64QAM	36	20	17.75	17.80	17.71		
15	64QAM	36	39	17.74	17.90	17.86		
15	64QAM	75	0	17.72	17.75	17.76		
15	256QAM	1	0	17.71	17.94	17.92	19.7	0
15	256QAM	1	37	17.83	17.75	17.77		
15	256QAM	1	74	17.74	17.73	17.74		
15	256QAM	36	0	17.83	17.81	17.90	19.7	0
15	256QAM	36	20	17.73	17.70	17.71		
15	256QAM	36	39	17.80	17.83	17.73		
15	256QAM	75	0	17.75	17.75	17.72		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.85	17.82	17.72	19.7	0
10	QPSK	1	25	17.90	17.83	17.76		
10	QPSK	1	49	17.84	17.83	17.71		
10	QPSK	25	0	17.92	17.81	17.78	19.7	0
10	QPSK	25	12	17.85	17.76	17.73		
10	QPSK	25	25	17.83	17.76	17.76		
10	QPSK	50	0	17.83	17.76	17.73		
10	16QAM	1	0	17.84	17.84	17.73	19.7	0
10	16QAM	1	25	17.87	17.80	17.76		
10	16QAM	1	49	17.91	17.77	17.78		
10	16QAM	25	0	17.83	17.80	17.70	19.7	0
10	16QAM	25	12	17.83	17.82	17.75		
10	16QAM	25	25	17.85	17.81	17.77		
10	16QAM	50	0	17.91	17.84	17.73		
10	64QAM	1	0	17.91	17.78	17.70	19.7	0
10	64QAM	1	25	17.84	17.83	17.72		
10	64QAM	1	49	17.84	17.81	17.75		
10	64QAM	25	0	17.91	17.75	17.70	19.7	0
10	64QAM	25	12	17.87	17.75	17.72		
10	64QAM	25	25	17.92	17.76	17.74		
10	64QAM	50	0	17.83	17.83	17.73		
10	256QAM	1	0	17.90	17.82	17.77	19.7	0
10	256QAM	1	25	17.82	17.75	17.76		
10	256QAM	1	49	17.86	17.84	17.73		
10	256QAM	25	0	17.90	17.80	17.74	19.7	0
10	256QAM	25	12	17.92	17.81	17.78		
10	256QAM	25	25	17.88	17.80	17.73		
10	256QAM	50	0	17.92	17.81	17.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.82	17.75	17.78	19.7	0
5	QPSK	1	12	17.88	17.78	17.71		
5	QPSK	1	24	17.86	17.83	17.70		
5	QPSK	12	0	17.86	17.76	17.73	19.7	0
5	QPSK	12	7	17.85	17.80	17.78		
5	QPSK	12	13	17.92	17.75	17.77		
5	QPSK	25	0	17.90	17.83	17.78		
5	16QAM	1	0	17.87	17.78	17.70	19.7	0
5	16QAM	1	12	17.82	17.83	17.74		
5	16QAM	1	24	17.88	17.79	17.74		
5	16QAM	12	0	17.91	17.77	17.70	19.7	0
5	16QAM	12	7	17.86	17.81	17.78		
5	16QAM	12	13	17.82	17.83	17.70		
5	16QAM	25	0	17.85	17.78	17.72		
5	64QAM	1	0	17.84	17.77	17.75	19.7	0
5	64QAM	1	12	17.83	17.75	17.73		
5	64QAM	1	24	17.84	17.80	17.70		
5	64QAM	12	0	17.85	17.84	17.73	19.7	0
5	64QAM	12	7	17.89	17.83	17.72		
5	64QAM	12	13	17.91	17.81	17.78		
5	64QAM	25	0	17.84	17.75	17.70		
5	256QAM	1	0	17.87	17.81	17.75	19.7	0
5	256QAM	1	12	17.84	17.81	17.72		
5	256QAM	1	24	17.86	17.82	17.72		
5	256QAM	12	0	17.86	17.80	17.72	19.7	0
5	256QAM	12	7	17.85	17.76	17.78		
5	256QAM	12	13	17.85	17.74	17.76		
5	256QAM	25	0	17.89	17.77	17.75		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.87	17.79	17.71	19.7	0
3	QPSK	1	8	17.90	17.82	17.76		
3	QPSK	1	14	17.92	17.83	17.78		
3	QPSK	8	0	17.85	17.82	17.77	19.7	0
3	QPSK	8	4	17.84	17.83	17.70		
3	QPSK	8	7	17.89	17.83	17.78		
3	QPSK	15	0	17.86	17.81	17.76		
3	16QAM	1	0	17.85	17.82	17.78	19.7	0
3	16QAM	1	8	17.84	17.76	17.75		
3	16QAM	1	14	17.92	17.80	17.75		
3	16QAM	8	0	17.91	17.75	17.77	19.7	0
3	16QAM	8	4	17.87	17.80	17.71		
3	16QAM	8	7	17.89	17.81	17.72		
3	16QAM	15	0	17.83	17.76	17.76		
3	64QAM	1	0	17.86	17.82	17.70	19.7	0
3	64QAM	1	8	17.88	17.80	17.71		
3	64QAM	1	14	17.85	17.75	17.76		
3	64QAM	8	0	17.89	17.84	17.75	19.7	0
3	64QAM	8	4	17.85	17.77	17.77		
3	64QAM	8	7	17.91	17.83	17.76		
3	64QAM	15	0	17.83	17.81	17.70		
3	256QAM	1	0	17.84	17.82	17.76	19.7	0
3	256QAM	1	8	17.82	17.78	17.74		
3	256QAM	1	14	17.89	17.75	17.78		
3	256QAM	8	0	17.84	17.78	17.77	19.7	0
3	256QAM	8	4	17.87	17.74	17.72		
3	256QAM	8	7	17.87	17.83	17.74		
3	256QAM	15	0	17.84	17.83	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	17.83	17.83	17.73	19.7	0
1.4	QPSK	1	3	17.88	17.80	17.73		
1.4	QPSK	1	5	17.84	17.78	17.74		
1.4	QPSK	3	0	17.86	17.78	17.77		
1.4	QPSK	3	1	17.91	17.84	17.78		
1.4	QPSK	3	3	17.84	17.79	17.75		
1.4	QPSK	6	0	17.89	17.82	17.78	19.7	0
1.4	16QAM	1	0	17.92	17.83	17.72	19.7	0
1.4	16QAM	1	3	17.85	17.78	17.73		
1.4	16QAM	1	5	17.85	17.74	17.73		
1.4	16QAM	3	0	17.88	17.83	17.73		
1.4	16QAM	3	1	17.87	17.74	17.74		
1.4	16QAM	3	3	17.84	17.79	17.75		
1.4	16QAM	6	0	17.88	17.75	17.74	19.7	0
1.4	64QAM	1	0	17.86	17.82	17.77	19.7	0
1.4	64QAM	1	3	17.88	17.82	17.73		
1.4	64QAM	1	5	17.90	17.78	17.70		
1.4	64QAM	3	0	17.86	17.81	17.73		
1.4	64QAM	3	1	17.83	17.79	17.72		
1.4	64QAM	3	3	17.85	17.79	17.70		
1.4	64QAM	6	0	17.86	17.79	17.77	19.7	0
1.4	256QAM	1	0	17.91	17.79	17.78	19.7	0
1.4	256QAM	1	3	17.84	17.80	17.71		
1.4	256QAM	1	5	17.90	17.75	17.72		
1.4	256QAM	3	0	17.91	17.80	17.73		
1.4	256QAM	3	1	17.90	17.78	17.76		
1.4	256QAM	3	3	17.84	17.80	17.70		
1.4	256QAM	6	0	17.82	17.83	17.73	19.7	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	18.34	18.46	18.32	20.2	0
20	QPSK	1	49	18.24	18.45	18.24		
20	QPSK	1	99	18.31	18.31	18.28		
20	QPSK	50	0	18.33	18.42	18.41	20.2	0
20	QPSK	50	24	18.37	18.31	18.32		
20	QPSK	50	50	18.31	18.37	18.33		
20	QPSK	100	0	18.23	18.37	18.23		
20	16QAM	1	0	18.28	18.38	18.30	20.2	0
20	16QAM	1	49	18.30	18.36	18.26		
20	16QAM	1	99	18.21	18.22	18.26		
20	16QAM	50	0	18.27	18.36	18.39	20.2	0
20	16QAM	50	24	18.24	18.38	18.30		
20	16QAM	50	50	18.30	18.43	18.22		
20	16QAM	100	0	18.23	18.23	18.32		
20	64QAM	1	0	18.24	18.43	18.22	20.2	0
20	64QAM	1	49	18.28	18.45	18.22		
20	64QAM	1	99	18.30	18.23	18.25		
20	64QAM	50	0	18.27	18.35	18.33	20.2	0
20	64QAM	50	24	18.33	18.42	18.30		
20	64QAM	50	50	18.30	18.36	18.29		
20	64QAM	100	0	18.27	18.24	18.23		
20	256QAM	1	0	18.25	18.36	18.29	20.2	0
20	256QAM	1	49	18.31	18.38	18.22		
20	256QAM	1	99	18.28	18.23	18.26		
20	256QAM	50	0	18.29	18.31	18.32	20.2	0
20	256QAM	50	24	18.24	18.40	18.28		
20	256QAM	50	50	18.30	18.42	18.27		
20	256QAM	100	0	18.28	18.25	18.32		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.36	18.37	18.41	20.2	0
15	QPSK	1	37	18.39	18.37	18.37		
15	QPSK	1	74	18.29	18.27	18.26		
15	QPSK	36	0	18.36	18.41	18.38	20.2	0
15	QPSK	36	20	18.42	18.41	18.37		
15	QPSK	36	39	18.26	18.28	18.26		
15	QPSK	75	0	18.35	18.42	18.36		
15	16QAM	1	0	18.34	18.39	18.43	20.2	0
15	16QAM	1	37	18.27	18.25	18.23		
15	16QAM	1	74	18.37	18.39	18.36		
15	16QAM	36	0	18.40	18.40	18.43	20.2	0
15	16QAM	36	20	18.22	18.20	18.22		
15	16QAM	36	39	18.41	18.37	18.35		
15	16QAM	75	0	18.44	18.40	18.40		
15	64QAM	1	0	18.30	18.28	18.28	20.2	0
15	64QAM	1	37	18.38	18.37	18.36		
15	64QAM	1	74	18.44	18.44	18.34		
15	64QAM	36	0	18.22	18.29	18.22	20.2	0
15	64QAM	36	20	18.42	18.42	18.38		
15	64QAM	36	39	18.40	18.42	18.40		
15	64QAM	75	0	18.24	18.26	18.26		
15	256QAM	1	0	18.43	18.38	18.40	20.2	0
15	256QAM	1	37	18.36	18.38	18.36		
15	256QAM	1	74	18.26	18.28	18.24		
15	256QAM	36	0	18.44	18.43	18.39	20.2	0
15	256QAM	36	20	18.39	18.35	18.42		
15	256QAM	36	39	18.27	18.27	18.22		
15	256QAM	75	0	18.41	18.37	18.40		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.41	18.42	18.41	20.2	0
10	QPSK	1	25	18.39	18.37	18.38		
10	QPSK	1	49	18.26	18.27	18.25		
10	QPSK	25	0	18.38	18.37	18.42	20.2	0
10	QPSK	25	12	18.43	18.41	18.36		
10	QPSK	25	25	18.26	18.28	18.28		
10	QPSK	50	0	18.43	18.41	18.42		
10	16QAM	1	0	18.42	18.35	18.34	20.2	0
10	16QAM	1	25	18.27	18.22	18.27		
10	16QAM	1	49	18.43	18.37	18.45		
10	16QAM	25	0	18.37	18.35	18.44	20.2	0
10	16QAM	25	12	18.27	18.29	18.25		
10	16QAM	25	25	18.41	18.43	18.44		
10	16QAM	50	0	18.34	18.38	18.44		
10	64QAM	1	0	18.24	18.28	18.29	20.2	0
10	64QAM	1	25	18.44	18.40	18.40		
10	64QAM	1	49	18.35	18.34	18.42		
10	64QAM	25	0	18.28	18.24	18.23	20.2	0
10	64QAM	25	12	18.36	18.35	18.38		
10	64QAM	25	25	18.44	18.35	18.35		
10	64QAM	50	0	18.29	18.29	18.25		
10	256QAM	1	0	18.41	18.41	18.42	20.2	0
10	256QAM	1	25	18.37	18.39	18.37		
10	256QAM	1	49	18.27	18.24	18.26		
10	256QAM	25	0	18.41	18.41	18.43	20.2	0
10	256QAM	25	12	18.37	18.34	18.41		
10	256QAM	25	25	18.24	18.25	18.26		
10	256QAM	50	0	18.44	18.36	18.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.43	18.38	18.41	20.2	0
5	QPSK	1	12	18.40	18.36	18.36		
5	QPSK	1	24	18.27	18.21	18.22		
5	QPSK	12	0	18.35	18.38	18.45	20.2	0
5	QPSK	12	7	18.39	18.43	18.41		
5	QPSK	12	13	18.27	18.30	18.30		
5	QPSK	25	0	18.37	18.44	18.42		
5	16QAM	1	0	18.41	18.39	18.35	20.2	0
5	16QAM	1	12	18.23	18.21	18.30		
5	16QAM	1	24	18.42	18.44	18.44		
5	16QAM	12	0	18.38	18.36	18.41	20.2	0
5	16QAM	12	7	18.21	18.23	18.29		
5	16QAM	12	13	18.37	18.35	18.42		
5	16QAM	25	0	18.41	18.44	18.42		
5	64QAM	1	0	18.23	18.27	18.29	20.2	0
5	64QAM	1	12	18.36	18.39	18.45		
5	64QAM	1	24	18.36	18.41	18.38		
5	64QAM	12	0	18.28	18.29	18.29	20.2	0
5	64QAM	12	7	18.36	18.42	18.39		
5	64QAM	12	13	18.35	18.35	18.44		
5	64QAM	25	0	18.25	18.29	18.25		
5	256QAM	1	0	18.36	18.36	18.37	20.2	0
5	256QAM	1	12	18.36	18.43	18.42		
5	256QAM	1	24	18.30	18.23	18.23		
5	256QAM	12	0	18.43	18.38	18.36	20.2	0
5	256QAM	12	7	18.40	18.44	18.43		
5	256QAM	12	13	18.28	18.27	18.27		
5	256QAM	25	0	18.38	18.40	18.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.37	18.57	18.41	20.2	0
20	QPSK	1	49	18.32	18.44	18.26		
20	QPSK	1	99	18.40	18.40	18.37		
20	QPSK	50	0	18.32	18.42	18.27	20.2	0
20	QPSK	50	24	18.41	18.37	18.36		
20	QPSK	50	50	18.33	18.35	18.36		
20	QPSK	100	0	18.26	18.35	18.28		
20	16QAM	1	0	18.27	18.50	18.32	20.2	0
20	16QAM	1	49	18.26	18.40	18.37		
20	16QAM	1	99	18.29	18.35	18.33		
20	16QAM	50	0	18.26	18.33	18.25	20.2	0
20	16QAM	50	24	18.35	18.28	18.26		
20	16QAM	50	50	18.29	18.32	18.25		
20	16QAM	100	0	18.22	18.25	18.26		
20	64QAM	1	0	18.32	18.53	18.38	20.2	0
20	64QAM	1	49	18.23	18.36	18.20		
20	64QAM	1	99	18.31	18.38	18.34		
20	64QAM	50	0	18.26	18.32	18.37	20.2	0
20	64QAM	50	24	18.33	18.31	18.29		
20	64QAM	50	50	18.27	18.28	18.28		
20	64QAM	100	0	18.20	18.34	18.20		
20	256QAM	1	0	18.31	18.52	18.39	20.2	0
20	256QAM	1	49	18.30	18.40	18.20		
20	256QAM	1	99	18.33	18.34	18.28		
20	256QAM	50	0	18.25	18.31	18.26	20.2	0
20	256QAM	50	24	18.30	18.36	18.27		
20	256QAM	50	50	18.30	18.28	18.28		
20	256QAM	100	0	18.24	18.27	18.25		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.28	18.48	18.38	20.2	0
15	QPSK	1	37	18.24	18.40	18.22		
15	QPSK	1	74	18.29	18.30	18.29		
15	QPSK	36	0	18.27	18.55	18.34	20.2	0
15	QPSK	36	20	18.22	18.35	18.21		
15	QPSK	36	39	18.31	18.39	18.28		
15	QPSK	75	0	18.32	18.51	18.40		
15	16QAM	1	0	18.30	18.35	18.22	20.2	0
15	16QAM	1	37	18.31	18.30	18.27		
15	16QAM	1	74	18.33	18.50	18.34		
15	16QAM	36	0	18.26	18.39	18.23	20.2	0
15	16QAM	36	20	18.37	18.38	18.30		
15	16QAM	36	39	18.35	18.48	18.39		
15	16QAM	75	0	18.23	18.41	18.21		
15	64QAM	1	0	18.36	18.34	18.31	20.2	0
15	64QAM	1	37	18.28	18.54	18.34		
15	64QAM	1	74	18.29	18.42	18.21		
15	64QAM	36	0	18.39	18.31	18.26	20.2	0
15	64QAM	36	20	18.34	18.52	18.33		
15	64QAM	36	39	18.30	18.40	18.19		
15	64QAM	75	0	18.37	18.36	18.35		
15	256QAM	1	0	18.35	18.48	18.38	20.2	0
15	256QAM	1	37	18.23	18.40	18.23		
15	256QAM	1	74	18.33	18.30	18.30		
15	256QAM	36	0	18.33	18.47	18.34	20.2	0
15	256QAM	36	20	18.29	18.41	18.19		
15	256QAM	36	39	18.35	18.35	18.36		
15	256QAM	75	0	18.23	18.39	18.22		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.27	18.54	18.40	20.2	0
10	QPSK	1	25	18.25	18.36	18.21		
10	QPSK	1	49	18.32	18.33	18.28		
10	QPSK	25	0	18.26	18.47	18.38	20.2	0
10	QPSK	25	12	18.24	18.42	18.22		
10	QPSK	25	25	18.36	18.30	18.30		
10	QPSK	50	0	18.35	18.48	18.30		
10	16QAM	1	0	18.28	18.36	18.25	20.2	0
10	16QAM	1	25	18.30	18.34	18.32		
10	16QAM	1	49	18.29	18.55	18.33		
10	16QAM	25	0	18.22	18.34	18.21	20.2	0
10	16QAM	25	12	18.30	18.34	18.31		
10	16QAM	25	25	18.32	18.54	18.38		
10	16QAM	50	0	18.22	18.38	18.22		
10	64QAM	1	0	18.35	18.37	18.32	20.2	0
10	64QAM	1	25	18.26	18.50	18.33		
10	64QAM	1	49	18.23	18.35	18.21		
10	64QAM	25	0	18.33	18.33	18.32	20.2	0
10	64QAM	25	12	18.29	18.53	18.39		
10	64QAM	25	25	18.25	18.33	18.16		
10	64QAM	50	0	18.35	18.35	18.30		
10	256QAM	1	0	18.32	18.56	18.32	20.2	0
10	256QAM	1	25	18.26	18.35	18.21		
10	256QAM	1	49	18.36	18.36	18.28		
10	256QAM	25	0	18.28	18.50	18.38	20.2	0
10	256QAM	25	12	18.26	18.39	18.16		
10	256QAM	25	25	18.37	18.39	18.35		
10	256QAM	50	0	18.24	18.42	18.16		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.32	18.49	18.21	20.2	0
5	QPSK	1	12	18.25	18.35	18.21		
5	QPSK	1	24	18.32	18.31	18.32		
5	QPSK	12	0	18.30	18.50	18.38	20.2	0
5	QPSK	12	7	18.30	18.35	18.21		
5	QPSK	12	13	18.38	18.30	18.30		
5	QPSK	25	0	18.31	18.51	18.30		
5	16QAM	1	0	18.31	18.39	18.21	20.2	0
5	16QAM	1	12	18.31	18.32	18.29		
5	16QAM	1	24	18.34	18.50	18.33		
5	16QAM	12	0	18.25	18.42	18.20	20.2	0
5	16QAM	12	7	18.33	18.31	18.30		
5	16QAM	12	13	18.31	18.53	18.40		
5	16QAM	25	0	18.23	18.38	18.25		
5	64QAM	1	0	18.36	18.32	18.28	20.2	0
5	64QAM	1	12	18.29	18.54	18.31		
5	64QAM	1	24	18.23	18.37	18.21		
5	64QAM	12	0	18.37	18.35	18.32	20.2	0
5	64QAM	12	7	18.27	18.55	18.36		
5	64QAM	12	13	18.22	18.38	18.18		
5	64QAM	25	0	18.37	18.34	18.26		
5	256QAM	1	0	18.33	18.53	18.39	20.2	0
5	256QAM	1	12	18.28	18.34	18.21		
5	256QAM	1	24	18.31	18.38	18.32		
5	256QAM	12	0	18.28	18.55	18.36	20.2	0
5	256QAM	12	7	18.23	18.35	18.23		
5	256QAM	12	13	18.29	18.33	18.31		
5	256QAM	25	0	18.28	18.41	18.22		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.34	18.52	18.32	20.2	0
3	QPSK	1	8	18.26	18.42	18.22		
3	QPSK	1	14	18.29	18.38	18.27		
3	QPSK	8	0	18.28	18.55	18.36	20.2	0
3	QPSK	8	4	18.30	18.35	18.21		
3	QPSK	8	7	18.38	18.36	18.28		
3	QPSK	15	0	18.31	18.56	18.37		
3	16QAM	1	0	18.23	18.34	18.23	20.2	0
3	16QAM	1	8	18.30	18.38	18.27		
3	16QAM	1	14	18.33	18.55	18.37		
3	16QAM	8	0	18.29	18.37	18.21	20.2	0
3	16QAM	8	4	18.31	18.36	18.27		
3	16QAM	8	7	18.30	18.53	18.37		
3	16QAM	15	0	18.28	18.37	18.21		
3	64QAM	1	0	18.39	18.34	18.36	20.2	0
3	64QAM	1	8	18.29	18.51	18.38		
3	64QAM	1	14	18.24	18.34	18.23		
3	64QAM	8	0	18.36	18.31	18.34	20.2	0
3	64QAM	8	4	18.30	18.47	18.31		
3	64QAM	8	7	18.26	18.36	18.24		
3	64QAM	15	0	18.36	18.39	18.33		
3	256QAM	1	0	18.31	18.52	18.30	20.2	0
3	256QAM	1	8	18.26	18.36	18.21		
3	256QAM	1	14	18.29	18.38	18.34		
3	256QAM	8	0	18.29	18.52	18.31	20.2	0
3	256QAM	8	4	18.27	18.39	18.23		
3	256QAM	8	7	18.35	18.36	18.33		
3	256QAM	15	0	18.21	18.39	18.23		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.34	18.55	18.31	20.2	0
1.4	QPSK	1	3	18.26	18.34	18.21		
1.4	QPSK	1	5	18.35	18.34	18.27		
1.4	QPSK	3	0	18.35	18.47	18.36		
1.4	QPSK	3	1	18.25	18.40	18.22		
1.4	QPSK	3	3	18.38	18.31	18.31		
1.4	QPSK	6	0	18.34	18.48	18.37	20.2	0
1.4	16QAM	1	0	18.24	18.38	18.21	20.2	0
1.4	16QAM	1	3	18.33	18.33	18.30		
1.4	16QAM	1	5	18.35	18.56	18.30		
1.4	16QAM	3	0	18.27	18.43	18.21		
1.4	16QAM	3	1	18.38	18.36	18.36		
1.4	16QAM	3	3	18.29	18.48	18.30		
1.4	16QAM	6	0	18.29	18.36	18.22	20.2	0
1.4	64QAM	1	0	18.32	18.32	18.29	20.2	0
1.4	64QAM	1	3	18.31	18.55	18.39		
1.4	64QAM	1	5	18.21	18.40	18.22		
1.4	64QAM	3	0	18.33	18.37	18.34		
1.4	64QAM	3	1	18.26	18.46	18.38		
1.4	64QAM	3	3	18.29	18.37	18.21		
1.4	64QAM	6	0	18.30	18.35	18.30	20.2	0
1.4	256QAM	1	0	18.32	18.51	18.35	20.2	0
1.4	256QAM	1	3	18.22	18.35	18.24		
1.4	256QAM	1	5	18.38	18.38	18.35		
1.4	256QAM	3	0	18.33	18.50	18.37		
1.4	256QAM	3	1	18.30	18.40	18.20		
1.4	256QAM	3	3	18.36	18.29	18.27		
1.4	256QAM	6	0	18.24	18.40	18.20	20.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.41	18.51	18.35	20	0
20	QPSK	1	49	18.38	18.50	18.38		
20	QPSK	1	99	18.46	18.47	18.28		
20	QPSK	50	0	18.47	18.48	18.30		
20	QPSK	50	24	18.36	18.36	18.33		
20	QPSK	50	50	18.43	18.38	18.37		
20	QPSK	100	0	18.46	18.47	18.33		
20	16QAM	1	0	18.34	18.44	18.30	20	0
20	16QAM	1	49	18.36	18.45	18.28		
20	16QAM	1	99	18.41	18.40	18.21		
20	16QAM	50	0	18.37	18.42	18.20		
20	16QAM	50	24	18.32	18.28	18.28		
20	16QAM	50	50	18.33	18.36	18.32		
20	16QAM	100	0	18.39	18.37	18.31		
20	64QAM	1	0	18.35	18.42	18.27	20	0
20	64QAM	1	49	18.36	18.42	18.27		
20	64QAM	1	99	18.38	18.40	18.26		
20	64QAM	50	0	18.45	18.41	18.23		
20	64QAM	50	24	18.36	18.31	18.26		
20	64QAM	50	50	18.40	18.36	18.35		
20	64QAM	100	0	18.41	18.44	18.30		
20	256QAM	1	0	18.37	18.48	18.32	20	0
20	256QAM	1	49	18.32	18.46	18.36		
20	256QAM	1	99	18.37	18.38	18.22		
20	256QAM	50	0	18.45	18.41	18.28		
20	256QAM	50	24	18.37	18.30	18.32	20	0
20	256QAM	50	50	18.41	18.27	18.29		
20	256QAM	100	0	18.43	18.43	18.29		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.34	18.49	18.27	20	0
15	QPSK	1	37	18.33	18.40	18.35		
15	QPSK	1	74	18.45	18.43	18.23		
15	QPSK	36	0	18.39	18.41	18.28	20	0
15	QPSK	36	20	18.31	18.26	18.29		
15	QPSK	36	39	18.40	18.37	18.28		
15	QPSK	75	0	18.39	18.36	18.29		
15	16QAM	1	0	18.28	18.41	18.22	20	0
15	16QAM	1	37	18.30	18.40	18.24		
15	16QAM	1	74	18.31	18.37	18.14		
15	16QAM	36	0	18.30	18.36	18.15	20	0
15	16QAM	36	20	18.23	18.19	18.23		
15	16QAM	36	39	18.32	18.30	18.24		
15	16QAM	75	0	18.36	18.31	18.29		
15	64QAM	1	0	18.28	18.34	18.18	20	0
15	64QAM	1	37	18.33	18.35	18.24		
15	64QAM	1	74	18.30	18.38	18.17		
15	64QAM	36	0	18.42	18.32	18.22	20	0
15	64QAM	36	20	18.29	18.24	18.18		
15	64QAM	36	39	18.37	18.28	18.24		
15	64QAM	75	0	18.33	18.36	18.27		
15	256QAM	1	0	18.31	18.39	18.25	20	0
15	256QAM	1	37	18.23	18.41	18.27		
15	256QAM	1	74	18.33	18.28	18.11		
15	256QAM	36	0	18.40	18.40	18.22	20	0
15	256QAM	36	20	18.30	18.23	18.25		
15	256QAM	36	39	18.39	18.16	18.25		
15	256QAM	75	0	18.32	18.38	18.23		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572	2595	2615		
10	QPSK	1	0	18.35	18.46	18.25	20	0
10	QPSK	1	25	18.36	18.41	18.37		
10	QPSK	1	49	18.39	18.38	18.17		
10	QPSK	25	0	18.38	18.42	18.27	20	0
10	QPSK	25	12	18.27	18.31	18.25		
10	QPSK	25	25	18.42	18.27	18.33		
10	QPSK	50	0	18.41	18.45	18.31		
10	16QAM	1	0	18.30	18.37	18.28	20	0
10	16QAM	1	25	18.33	18.36	18.20		
10	16QAM	1	49	18.30	18.30	18.16		
10	16QAM	25	0	18.32	18.34	18.10	20	0
10	16QAM	25	12	18.31	18.27	18.24		
10	16QAM	25	25	18.27	18.28	18.31		
10	16QAM	50	0	18.29	18.32	18.24		
10	64QAM	1	0	18.30	18.39	18.17	20	0
10	64QAM	1	25	18.32	18.36	18.21		
10	64QAM	1	49	18.34	18.37	18.22		
10	64QAM	25	0	18.42	18.36	18.12	20	0
10	64QAM	25	12	18.28	18.23	18.19		
10	64QAM	25	25	18.33	18.22	18.26		
10	64QAM	50	0	18.35	18.37	18.21		
10	256QAM	1	0	18.25	18.42	18.28	20	0
10	256QAM	1	25	18.30	18.40	18.32		
10	256QAM	1	49	18.35	18.33	18.21		
10	256QAM	25	0	18.44	18.34	18.21	20	0
10	256QAM	25	12	18.31	18.28	18.30		
10	256QAM	25	25	18.32	18.27	18.27		
10	256QAM	50	0	18.36	18.40	18.19		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.31	18.43	18.26	20	0
5	QPSK	1	12	18.35	18.45	18.31		
5	QPSK	1	24	18.43	18.42	18.23		
5	QPSK	12	0	18.37	18.42	18.27	20	0
5	QPSK	12	7	18.27	18.32	18.30		
5	QPSK	12	13	18.34	18.32	18.27		
5	QPSK	25	0	18.37	18.41	18.29		
5	16QAM	1	0	18.28	18.39	18.24	20	0
5	16QAM	1	12	18.28	18.40	18.21		
5	16QAM	1	24	18.39	18.34	18.20		
5	16QAM	12	0	18.36	18.34	18.19	20	0
5	16QAM	12	7	18.27	18.17	18.23		
5	16QAM	12	13	18.22	18.27	18.28		
5	16QAM	25	0	18.36	18.28	18.23		
5	64QAM	1	0	18.33	18.40	18.23	20	0
5	64QAM	1	12	18.33	18.41	18.25		
5	64QAM	1	24	18.33	18.35	18.15		
5	64QAM	12	0	18.41	18.37	18.17	20	0
5	64QAM	12	7	18.31	18.22	18.22		
5	64QAM	12	13	18.33	18.27	18.29		
5	64QAM	25	0	18.37	18.38	18.22		
5	256QAM	1	0	18.28	18.47	18.24	20	0
5	256QAM	1	12	18.26	18.37	18.27		
5	256QAM	1	24	18.35	18.30	18.20		
5	256QAM	12	0	18.39	18.33	18.23	20	0
5	256QAM	12	7	18.31	18.25	18.30		
5	256QAM	12	13	18.36	18.25	18.19		
5	256QAM	25	0	18.37	18.35	18.23		

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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	19.29	19.24	19.59	19.39	19.31	21	0
20	QPSK	1	49	19.39	19.39	19.54	19.50	19.47		
20	QPSK	1	99	19.44	19.48	19.50	19.32	19.32		
20	QPSK	50	0	19.42	19.35	19.58	19.48	19.45		
20	QPSK	50	24	19.50	19.50	19.57	19.34	19.40		
20	QPSK	50	50	19.41	19.36	19.41	19.43	19.41		
20	QPSK	100	0	19.36	19.45	19.48	19.34	19.40		
20	16QAM	1	0	19.18	19.14	19.52	19.29	19.23	21	0
20	16QAM	1	49	19.33	19.34	19.45	19.44	19.40		
20	16QAM	1	99	19.41	19.43	19.49	19.25	19.22		
20	16QAM	50	0	19.40	19.32	19.51	19.40	19.39		
20	16QAM	50	24	19.45	19.45	19.52	19.27	19.38		
20	16QAM	50	50	19.37	19.25	19.37	19.42	19.33		
20	16QAM	100	0	19.25	19.37	19.40	19.26	19.33		
20	64QAM	1	0	19.20	19.13	19.54	19.35	19.23	21	0
20	64QAM	1	49	19.34	19.28	19.49	19.47	19.42		
20	64QAM	1	99	19.35	19.44	19.49	19.29	19.23		
20	64QAM	50	0	19.38	19.26	19.49	19.45	19.37		
20	64QAM	50	24	19.46	19.46	19.48	19.24	19.31		
20	64QAM	50	50	19.35	19.32	19.32	19.32	19.31		
20	64QAM	100	0	19.28	19.40	19.41	19.28	19.31		
20	256QAM	1	0	18.33	18.25	18.63	18.41	18.31	20	1
20	256QAM	1	49	18.39	18.39	18.56	18.53	18.49		
20	256QAM	1	99	18.47	18.49	18.50	18.35	18.34		
20	256QAM	50	0	18.44	18.30	18.62	18.51	18.47		
20	256QAM	50	24	18.49	18.50	18.61	18.37	18.36	20	1
20	256QAM	50	50	18.46	18.36	18.42	18.44	18.39		
20	256QAM	100	0	18.34	18.48	18.45	18.38	18.35		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.19	19.22	19.49	19.33	19.22	21	0
15	QPSK	1	37	19.37	19.29	19.52	19.41	19.38		
15	QPSK	1	74	19.36	19.41	19.46	19.23	19.30		
15	QPSK	36	0	19.34	19.28	19.55	19.45	19.36	21	0
15	QPSK	36	20	19.45	19.47	19.55	19.33	19.36		
15	QPSK	36	39	19.40	19.31	19.35	19.35	19.37		
15	QPSK	75	0	19.31	19.39	19.40	19.25	19.38		
15	16QAM	1	0	19.11	19.05	19.47	19.20	19.21	21	0
15	16QAM	1	37	19.30	19.25	19.40	19.37	19.32		
15	16QAM	1	74	19.36	19.34	19.43	19.17	19.16		
15	16QAM	36	0	19.31	19.22	19.48	19.30	19.28	21	0
15	16QAM	36	20	19.36	19.36	19.47	19.25	19.29		
15	16QAM	36	39	19.33	19.21	19.28	19.38	19.31		
15	16QAM	75	0	19.20	19.31	19.30	19.21	19.29		
15	64QAM	1	0	19.10	19.11	19.52	19.31	19.16	21	0
15	64QAM	1	37	19.32	19.26	19.41	19.40	19.33		
15	64QAM	1	74	19.26	19.40	19.42	19.19	19.16		
15	64QAM	36	0	19.33	19.23	19.48	19.40	19.30	21	0
15	64QAM	36	20	19.36	19.36	19.46	19.14	19.26		
15	64QAM	36	39	19.29	19.28	19.30	19.36	19.26		
15	64QAM	75	0	19.20	19.38	19.40	19.21	19.23		
15	256QAM	1	0	18.22	18.14	18.61	18.33	18.24	20	1
15	256QAM	1	37	18.33	18.29	18.53	18.49	18.46		
15	256QAM	1	74	18.41	18.38	18.46	18.30	18.24		
15	256QAM	36	0	18.35	18.24	18.58	18.41	18.43	20	1
15	256QAM	36	20	18.38	18.41	18.55	18.30	18.28		
15	256QAM	36	39	18.44	18.35	18.32	18.42	18.29		
15	256QAM	75	0	18.27	18.46	18.37	18.33	18.27		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.25	19.16	19.54	19.30	19.20	21	0
10	QPSK	1	25	19.35	19.37	19.47	19.45	19.43		
10	QPSK	1	49	19.42	19.39	19.43	19.29	19.29		
10	QPSK	25	0	19.35	19.29	19.55	19.45	19.35		
10	QPSK	25	12	19.48	19.42	19.51	19.23	19.32		
10	QPSK	25	25	19.36	19.27	19.36	19.34	19.37		
10	QPSK	50	0	19.26	19.38	19.44	19.31	19.30		
10	16QAM	1	0	19.09	19.05	19.43	19.20	19.16	21	0
10	16QAM	1	25	19.25	19.26	19.43	19.43	19.32		
10	16QAM	1	49	19.33	19.39	19.43	19.21	19.12		
10	16QAM	25	0	19.39	19.29	19.40	19.39	19.33		
10	16QAM	25	12	19.42	19.35	19.51	19.24	19.31		
10	16QAM	25	25	19.35	19.18	19.30	19.34	19.24		
10	16QAM	50	0	19.17	19.33	19.36	19.19	19.23		
10	64QAM	1	0	19.09	19.03	19.47	19.27	19.20	21	0
10	64QAM	1	25	19.26	19.23	19.47	19.37	19.32		
10	64QAM	1	49	19.33	19.37	19.47	19.21	19.13		
10	64QAM	25	0	19.34	19.16	19.45	19.39	19.34		
10	64QAM	25	12	19.41	19.38	19.40	19.15	19.29		
10	64QAM	25	25	19.27	19.24	19.28	19.22	19.20		
10	64QAM	50	0	19.27	19.34	19.31	19.20	19.29		
10	256QAM	1	0	18.25	18.23	18.59	18.33	18.22	20	1
10	256QAM	1	25	18.37	18.30	18.52	18.42	18.43		
10	256QAM	1	49	18.44	18.47	18.41	18.32	18.24		
10	256QAM	25	0	18.35	18.27	18.53	18.40	18.39	20	1
10	256QAM	25	12	18.39	18.42	18.53	18.27	18.31		
10	256QAM	25	25	18.44	18.28	18.38	18.34	18.30		
10	256QAM	50	0	18.31	18.37	18.44	18.35	18.32		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.2	2687.5		
5	QPSK	1	0	19.25	19.23	19.51	19.37	19.25	21	0
5	QPSK	1	12	19.37	19.34	19.43	19.48	19.36		
5	QPSK	1	24	19.34	19.39	19.48	19.25	19.22		
5	QPSK	12	0	19.39	19.25	19.54	19.47	19.42		
5	QPSK	12	7	19.42	19.42	19.52	19.33	19.34		
5	QPSK	12	13	19.36	19.34	19.34	19.40	19.39		
5	QPSK	25	0	19.26	19.36	19.38	19.25	19.36		
5	16QAM	1	0	19.14	19.10	19.44	19.22	19.14	21	0
5	16QAM	1	12	19.27	19.30	19.44	19.41	19.32		
5	16QAM	1	24	19.30	19.34	19.44	19.16	19.17		
5	16QAM	12	0	19.32	19.22	19.47	19.30	19.32		
5	16QAM	12	7	19.38	19.39	19.47	19.18	19.28		
5	16QAM	12	13	19.28	19.16	19.27	19.35	19.31		
5	16QAM	25	0	19.20	19.30	19.38	19.18	19.32		
5	64QAM	1	0	19.14	19.08	19.44	19.24	19.20	21	0
5	64QAM	1	12	19.29	19.20	19.43	19.44	19.40		
5	64QAM	1	24	19.29	19.36	19.39	19.23	19.14		
5	64QAM	12	0	19.31	19.18	19.46	19.39	19.35	21	0
5	64QAM	12	7	19.43	19.44	19.41	19.14	19.27		
5	64QAM	12	13	19.26	19.28	19.29	19.31	19.21		
5	64QAM	25	0	19.22	19.31	19.33	19.23	19.26		
5	256QAM	1	0	18.28	18.22	18.55	18.31	18.24	20	1
5	256QAM	1	12	18.33	18.32	18.46	18.43	18.41		
5	256QAM	1	24	18.42	18.43	18.43	18.33	18.30		
5	256QAM	12	0	18.42	18.25	18.58	18.47	18.42	20	1
5	256QAM	12	7	18.41	18.43	18.55	18.27	18.28		
5	256QAM	12	13	18.36	18.27	18.33	18.35	18.30		
5	256QAM	25	0	18.27	18.47	18.37	18.28	18.30		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.83	20.93	20.76	22.5	0
20	QPSK	1	49	20.83	20.77	20.72		
20	QPSK	1	99	20.86	20.76	20.77		
20	QPSK	50	0	20.85	20.91	20.81		
20	QPSK	50	24	20.81	20.90	20.76		
20	QPSK	50	50	20.76	20.86	20.74		
20	QPSK	100	0	20.88	20.89	20.74		
20	16QAM	1	0	20.78	20.90	20.75	22.5	0
20	16QAM	1	49	20.81	20.68	20.63		
20	16QAM	1	99	20.77	20.69	20.74		
20	16QAM	50	0	20.78	20.83	20.71		
20	16QAM	50	24	20.73	20.81	20.67		
20	16QAM	50	50	20.75	20.77	20.72		
20	16QAM	100	0	20.83	20.80	20.69		
20	64QAM	1	0	20.74	20.79	20.73	22.5	0
20	64QAM	1	49	20.72	20.66	20.55		
20	64QAM	1	99	20.73	20.66	20.63		
20	64QAM	50	0	19.76	19.92	19.76	21.5	1
20	64QAM	50	24	19.79	19.65	19.67		
20	64QAM	50	50	19.77	19.68	19.75		
20	64QAM	100	0	19.74	19.88	19.71		
20	256QAM	1	0	17.76	17.91	17.72	19.5	3
20	256QAM	1	49	17.85	17.65	17.66		
20	256QAM	1	99	17.80	17.67	17.77		
20	256QAM	50	0	17.81	17.87	17.74	19.5	3
20	256QAM	50	24	17.70	17.84	17.65		
20	256QAM	50	50	17.71	17.81	17.74		
20	256QAM	100	0	17.84	17.84	17.68		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.73	20.91	20.72	22.5	0
15	QPSK	1	37	20.75	20.75	20.70		
15	QPSK	1	74	20.78	20.67	20.69		
15	QPSK	36	0	20.77	20.90	20.72	22.5	0
15	QPSK	36	20	20.80	20.83	20.72		
15	QPSK	36	39	20.71	20.84	20.67		
15	QPSK	75	0	20.81	20.84	20.71		
15	16QAM	1	0	20.67	20.85	20.68	22.5	0
15	16QAM	1	37	20.72	20.61	20.58		
15	16QAM	1	74	20.75	20.65	20.64		
15	16QAM	36	0	20.74	20.76	20.69	22.5	0
15	16QAM	36	20	20.67	20.71	20.66		
15	16QAM	36	39	20.71	20.75	20.69		
15	16QAM	75	0	20.80	20.70	20.59		
15	64QAM	1	0	20.65	20.74	20.64	22.5	0
15	64QAM	1	37	20.65	20.55	20.50		
15	64QAM	1	74	20.69	20.57	20.56		
15	64QAM	36	0	19.68	19.88	19.70	21.5	1
15	64QAM	36	20	19.73	19.60	19.60		
15	64QAM	36	39	19.70	19.66	19.70		
15	64QAM	75	0	19.71	19.80	19.61		
15	256QAM	1	0	17.69	17.85	17.66	19.5	3
15	256QAM	1	37	17.82	17.57	17.59		
15	256QAM	1	74	17.76	17.58	17.71		
15	256QAM	36	0	17.75	17.85	17.71	19.5	3
15	256QAM	36	20	17.64	17.77	17.63		
15	256QAM	36	39	17.64	17.76	17.66		
15	256QAM	75	0	17.75	17.82	17.65		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.77	20.83	20.72	22.5	0
10	QPSK	1	25	20.72	20.76	20.62		
10	QPSK	1	49	20.84	20.71	20.70		
10	QPSK	25	0	20.75	20.82	20.73	22.5	0
10	QPSK	25	12	20.73	20.80	20.72		
10	QPSK	25	25	20.75	20.84	20.69		
10	QPSK	50	0	20.77	20.83	20.70		
10	16QAM	1	0	20.75	20.88	20.73	22.5	0
10	16QAM	1	25	20.71	20.62	20.58		
10	16QAM	1	49	20.66	20.61	20.63		
10	16QAM	25	0	20.72	20.79	20.69	22.5	0
10	16QAM	25	12	20.71	20.75	20.60		
10	16QAM	25	25	20.69	20.73	20.65		
10	16QAM	50	0	20.78	20.79	20.60		
10	64QAM	1	0	20.66	20.70	20.65	22.5	0
10	64QAM	1	25	20.68	20.64	20.56		
10	64QAM	1	49	20.62	20.64	20.54		
10	64QAM	25	0	19.65	19.91	19.72	21.5	1
10	64QAM	25	12	19.70	19.63	19.59		
10	64QAM	25	25	19.75	19.65	19.72		
10	64QAM	50	0	19.63	19.79	19.69		
10	256QAM	1	0	17.67	17.85	17.68	19.5	3
10	256QAM	1	25	17.78	17.61	17.57		
10	256QAM	1	49	17.78	17.63	17.75		
10	256QAM	25	0	17.76	17.84	17.68	19.5	3
10	256QAM	25	12	17.60	17.75	17.60		
10	256QAM	25	25	17.82	17.77	17.64		
10	256QAM	50	0	17.75	17.81	17.59		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.75	20.84	20.68	22.5	0
5	QPSK	1	12	20.77	20.66	20.68		
5	QPSK	1	24	20.79	20.74	20.71		
5	QPSK	12	0	20.82	20.89	20.75	22.5	0
5	QPSK	12	7	20.77	20.81	20.71		
5	QPSK	12	13	20.67	20.78	20.70		
5	QPSK	25	0	20.80	20.86	20.73		
5	16QAM	1	0	20.77	20.84	20.70	22.5	0
5	16QAM	1	12	20.77	20.64	20.55		
5	16QAM	1	24	20.71	20.60	20.70		
5	16QAM	12	0	20.67	20.73	20.65	22.5	0
5	16QAM	12	7	20.66	20.75	20.63		
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BW [MHz]	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	17.35	17.49	17.32	18.2	0
20	QPSK	1	49	17.40	17.37	17.41		
20	QPSK	1	99	17.25	17.44	17.42		
20	QPSK	50	0	17.41	17.42	17.35	18.2	0
20	QPSK	50	24	17.27	17.36	17.35		
20	QPSK	50	50	17.33	17.32	17.27		
20	QPSK	100	0	17.37	17.42	17.30		
20	16QAM	1	0	17.29	17.39	17.30	18.2	0
20	16QAM	1	49	17.32	17.34	17.37		
20	16QAM	1	99	17.15	17.37	17.34		
20	16QAM	50	0	17.34	17.32	17.30	18.2	0
20	16QAM	50	24	17.18	17.28	17.32		
20	16QAM	50	50	17.32	17.28	17.19		
20	16QAM	100	0	17.29	17.34	17.28		
20	64QAM	1	0	17.33	17.46	17.22	18.2	0
20	64QAM	1	49	17.33	17.31	17.34		
20	64QAM	1	99	17.22	17.35	17.36		
20	64QAM	50	0	17.37	17.32	17.30	18.2	0
20	64QAM	50	24	17.25	17.29	17.32		
20	64QAM	50	50	17.25	17.30	17.17		
20	64QAM	100	0	17.36	17.31	17.29		
20	256QAM	1	0	17.34	17.46	17.31	18.2	0
20	256QAM	1	49	17.39	17.32	17.34		
20	256QAM	1	99	17.20	17.43	17.34		
20	256QAM	50	0	17.38	17.34	17.27	18.2	0
20	256QAM	50	24	17.17	17.35	17.25		
20	256QAM	50	50	17.24	17.21	17.19		
20	256QAM	100	0	17.29	17.36	17.23		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.29	17.46	17.21	18.2	0
15	QPSK	1	37	17.34	17.28	17.33		
15	QPSK	1	74	17.20	17.42	17.32		
15	QPSK	36	0	17.31	17.40	17.24	18.2	0
15	QPSK	36	20	17.25	17.32	17.33		
15	QPSK	36	39	17.29	17.24	17.19		
15	QPSK	75	0	17.28	17.38	17.20		
15	16QAM	1	0	17.19	17.28	17.19	18.2	0
15	16QAM	1	37	17.24	17.28	17.33		
15	16QAM	1	74	17.04	17.36	17.31		
15	16QAM	36	0	17.33	17.24	17.25	18.2	0
15	16QAM	36	20	17.12	17.21	17.25		
15	16QAM	36	39	17.24	17.18	17.10		
15	16QAM	75	0	17.24	17.30	17.18		
15	64QAM	1	0	17.27	17.42	17.11	18.2	0
15	64QAM	1	37	17.30	17.25	17.31		
15	64QAM	1	74	17.13	17.28	17.29		
15	64QAM	36	0	17.34	17.23	17.20	18.2	0
15	64QAM	36	20	17.18	17.25	17.24		
15	64QAM	36	39	17.16	17.22	17.14		
15	64QAM	75	0	17.30	17.28	17.26		
15	256QAM	1	0	17.33	17.36	17.20	18.2	0
15	256QAM	1	37	17.31	17.23	17.32		
15	256QAM	1	74	17.14	17.37	17.33		
15	256QAM	36	0	17.32	17.33	17.16	18.2	0
15	256QAM	36	20	17.11	17.32	17.19		
15	256QAM	36	39	17.20	17.18	17.11		
15	256QAM	75	0	17.22	17.27	17.12		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.25	17.46	17.22	18.2	0
10	QPSK	1	25	17.38	17.33	17.32		
10	QPSK	1	49	17.22	17.40	17.39		
10	QPSK	25	0	17.32	17.34	17.29	18.2	0
10	QPSK	25	12	17.16	17.27	17.25		
10	QPSK	25	25	17.23	17.22	17.17		
10	QPSK	50	0	17.34	17.33	17.24		
10	16QAM	1	0	17.27	17.37	17.26	18.2	0
10	16QAM	1	25	17.30	17.28	17.27		
10	16QAM	1	49	17.08	17.36	17.25		
10	16QAM	25	0	17.24	17.26	17.24	18.2	0
10	16QAM	25	12	17.11	17.18	17.30		
10	16QAM	25	25	17.29	17.25	17.09		
10	16QAM	50	0	17.23	17.26	17.22		
10	64QAM	1	0	17.28	17.44	17.16	18.2	0
10	64QAM	1	25	17.28	17.26	17.24		
10	64QAM	1	49	17.17	17.28	17.28		
10	64QAM	25	0	17.35	17.29	17.22	18.2	0
10	64QAM	25	12	17.23	17.21	17.24		
10	64QAM	25	25	17.18	17.26	17.07		
10	64QAM	50	0	17.27	17.20	17.26		
10	256QAM	1	0	17.32	17.45	17.25	18.2	0
10	256QAM	1	25	17.29	17.30	17.29		
10	256QAM	1	49	17.15	17.37	17.27		
10	256QAM	25	0	17.33	17.32	17.19	18.2	0
10	256QAM	25	12	17.13	17.27	17.21		
10	256QAM	25	25	17.14	17.15	17.08		
10	256QAM	50	0	17.26	17.27	17.21		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.33	17.39	17.29	18.2	0
5	QPSK	1	12	17.37	17.33	17.34		
5	QPSK	1	24	17.15	17.40	17.33		
5	QPSK	12	0	17.40	17.36	17.29	18.2	0
5	QPSK	12	7	17.18	17.28	17.30		
5	QPSK	12	13	17.31	17.28	17.24		
5	QPSK	25	0	17.34	17.37	17.25		
5	16QAM	1	0	17.18	17.34	17.20	18.2	0
5	16QAM	1	12	17.28	17.32	17.31		
5	16QAM	1	24	17.07	17.28	17.31		
5	16QAM	12	0	17.28	17.26	17.23	18.2	0
5	16QAM	12	7	17.14	17.23	17.26		
5	16QAM	12	13	17.27	17.19	17.16		
5	16QAM	25	0	17.19	17.32	17.24		
5	64QAM	1	0	17.32	17.42	17.13	18.2	0
5	64QAM	1	12	17.28	17.21	17.32		
5	64QAM	1	24	17.15	17.30	17.26		
5	64QAM	12	0	17.31	17.23	17.21	18.2	0
5	64QAM	12	7	17.22	17.24	17.29		
5	64QAM	12	13	17.15	17.25	17.07		
5	64QAM	25	0	17.25	17.23	17.26		
5	256QAM	1	0	17.31	17.36	17.23	18.2	0
5	256QAM	1	12	17.28	17.28	17.29		
5	256QAM	1	24	17.17	17.35	17.30		
5	256QAM	12	0	17.29	17.27	17.20	18.2	0
5	256QAM	12	7	17.13	17.25	17.17		
5	256QAM	12	13	17.21	17.11	17.15		
5	256QAM	25	0	17.27	17.29	17.15		

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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	17.88	18.15	18.00	17.78	18.7	0
20	QPSK	1	49	17.93	18.04	18.04	18.04		
20	QPSK	1	99	18.05	18.05	18.06	17.98		
20	QPSK	50	0	18.00	18.11	18.09	17.94		
20	QPSK	50	24	18.05	18.04	18.09	18.10		
20	QPSK	50	50	18.06	18.03	17.94	18.02		
20	QPSK	100	0	18.07	18.09	17.93	18.07		
20	16QAM	1	0	17.82	18.06	17.94	17.68	18.7	0
20	16QAM	1	49	17.88	17.99	17.98	17.93		
20	16QAM	1	99	17.98	17.98	18.04	17.87		
20	16QAM	50	0	17.96	18.03	17.99	17.89	18.7	0
20	16QAM	50	24	17.96	18.02	18.01	18.06		
20	16QAM	50	50	17.95	18.01	17.85	17.95		
20	16QAM	100	0	17.97	18.02	17.89	18.00		
20	64QAM	1	0	17.84	18.07	17.94	17.70	18.7	0
20	64QAM	1	49	17.91	18.03	17.97	17.99		
20	64QAM	1	99	18.02	17.97	17.96	17.96		
20	64QAM	50	0	17.97	18.09	18.01	17.87	18.7	0
20	64QAM	50	24	17.98	18.00	18.03	18.04		
20	64QAM	50	50	17.99	18.02	17.83	17.98		
20	64QAM	100	0	18.01	17.99	17.82	18.00		
20	256QAM	1	0	17.79	18.07	17.95	17.69	18.7	0
20	256QAM	1	49	17.85	17.99	17.99	18.00		
20	256QAM	1	99	18.02	17.98	18.03	17.94		
20	256QAM	50	0	17.89	18.10	18.05	17.86	18.7	0
20	256QAM	50	24	17.97	17.95	18.02	18.05		
20	256QAM	50	50	17.96	17.98	17.89	17.98		
20	256QAM	100	0	18.00	18.07	17.88	17.99		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.78	18.05	17.91	17.69	18.7	0
15	QPSK	1	37	17.88	18.01	17.98	18.00		
15	QPSK	1	74	18.01	17.94	17.99	17.95		
15	QPSK	36	0	17.89	18.04	18.05	17.87	18.7	0
15	QPSK	36	20	18.01	17.99	18.04	18.01		
15	QPSK	36	39	18.03	17.99	17.87	17.96		
15	QPSK	75	0	18.02	17.99	17.91	18.04		
15	16QAM	1	0	17.74	17.97	17.85	17.64	18.7	0
15	16QAM	1	37	17.86	17.95	17.88	17.91		
15	16QAM	1	74	17.92	17.95	17.93	17.82		
15	16QAM	36	0	17.94	17.97	17.93	17.85	18.7	0
15	16QAM	36	20	17.94	18.00	17.99	18.01		
15	16QAM	36	39	17.87	17.95	17.81	17.93		
15	16QAM	75	0	17.87	18.00	17.86	17.92		
15	64QAM	1	0	17.80	18.04	17.84	17.60	18.7	0
15	64QAM	1	37	17.84	17.93	17.91	17.92		
15	64QAM	1	74	17.96	17.95	17.86	17.91		
15	64QAM	36	0	17.89	18.01	17.99	17.83	18.7	0
15	64QAM	36	20	17.93	17.92	17.97	17.93		
15	64QAM	36	39	17.92	17.96	17.80	17.94		
15	64QAM	75	0	18.00	17.90	17.76	17.92		
15	256QAM	1	0	17.73	17.98	17.94	17.67	18.7	0
15	256QAM	1	37	17.76	17.95	17.89	17.93		
15	256QAM	1	74	17.96	17.96	17.93	17.89		
15	256QAM	36	0	17.88	18.02	17.96	17.77	18.7	0
15	256QAM	36	20	17.90	17.90	17.99	17.98		
15	256QAM	36	39	17.88	17.90	17.85	17.92		
15	256QAM	75	0	17.93	17.97	17.80	17.91		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.83	18.09	17.89	17.69	18.7	0
10	QPSK	1	25	17.86	17.96	17.99	17.96		
10	QPSK	1	49	18.02	17.96	17.99	17.97		
10	QPSK	25	0	17.90	18.09	18.07	17.89	18.7	0
10	QPSK	25	12	18.03	18.00	18.03	18.09		
10	QPSK	25	25	17.98	18.02	17.88	17.93		
10	QPSK	50	0	17.99	18.03	17.80	18.04		
10	16QAM	1	0	17.76	18.03	17.86	17.66	18.7	0
10	16QAM	1	25	17.81	17.97	17.89	17.86		
10	16QAM	1	49	17.89	17.92	17.96	17.84		
10	16QAM	25	0	17.86	18.00	17.97	17.78	18.7	0
10	16QAM	25	12	17.90	17.98	17.95	18.02		
10	16QAM	25	25	17.88	18.00	17.78	17.89		
10	16QAM	50	0	17.95	17.97	17.86	17.90		
10	64QAM	1	0	17.78	17.99	17.92	17.63	18.7	0
10	64QAM	1	25	17.81	17.98	17.92	17.94		
10	64QAM	1	49	17.93	17.88	17.87	17.90		
10	64QAM	25	0	17.94	18.07	18.00	17.84	18.7	0
10	64QAM	25	12	17.95	17.90	17.92	17.97		
10	64QAM	25	25	17.93	18.00	17.81	17.89		
10	64QAM	50	0	17.93	17.94	17.75	17.96		
10	256QAM	1	0	17.73	17.98	17.87	17.58	18.7	0
10	256QAM	1	25	17.80	17.96	17.94	17.96		
10	256QAM	1	49	17.92	17.88	18.01	17.90		
10	256QAM	25	0	17.80	18.09	17.99	17.84	18.7	0
10	256QAM	25	12	17.95	17.89	17.98	18.03		
10	256QAM	25	25	17.91	17.89	17.78	17.91		
10	256QAM	50	0	17.92	17.99	17.80	17.93		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.80	18.05	17.90	17.76	18.7	0
5	QPSK	1	12	17.91	17.95	17.96	18.01		
5	QPSK	1	24	18.02	18.02	17.98	17.95		
5	QPSK	12	0	17.94	18.09	18.04	17.86	18.7	0
5	QPSK	12	7	18.03	18.03	18.05	17.99		
5	QPSK	12	13	18.02	17.97	17.91	17.96		
5	QPSK	25	0	17.98	18.07	17.86	17.96		
5	16QAM	1	0	17.80	18.00	17.88	17.58	18.7	0
5	16QAM	1	12	17.86	17.96	17.88	17.84		
5	16QAM	1	24	17.87	17.94	17.96	17.81		
5	16QAM	12	0	17.87	17.94	17.98	17.87	18.7	0
5	16QAM	12	7	17.87	17.98	17.90	17.98		
5	16QAM	12	13	17.86	17.96	17.80	17.94		
5	16QAM	25	0	17.94	17.93	17.84	17.95		
5	64QAM	1	0	17.80	18.05	17.87	17.62	18.7	0
5	64QAM	1	12	17.83	17.94	17.90	17.95		
5	64QAM	1	24	17.96	17.87	17.88	17.89		
5	64QAM	12	0	17.89	18.03	17.93	17.80	18.7	0
5	64QAM	12	7	17.95	17.96	17.97	17.93		
5	64QAM	12	13	17.97	17.98	17.74	17.92		
5	64QAM	25	0	17.96	17.96	17.79	17.97		
5	256QAM	1	0	17.69	18.01	17.90	17.67	18.7	0
5	256QAM	1	12	17.78	17.89	17.89	17.90		
5	256QAM	1	24	17.96	17.94	17.97	17.89		
5	256QAM	12	0	17.87	18.05	17.96	17.77	18.7	0
5	256QAM	12	7	17.91	17.91	18.00	17.95		
5	256QAM	12	13	17.93	17.92	17.81	17.90		
5	256QAM	25	0	17.96	17.97	17.83	17.94		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3490	3600	3540		
20	QPSK	1	0	15.79	15.63	15.63	16.5	0
20	QPSK	1	49	15.60	15.70	15.67		
20	QPSK	1	99	15.59	15.79	15.62		
20	QPSK	50	0	15.68	15.81	15.59	16.5	0
20	QPSK	50	24	15.60	15.69	15.56		
20	QPSK	50	50	15.65	15.80	15.62		
20	QPSK	100	0	15.75	15.76	15.67		
20	16QAM	1	0	15.68	15.77	15.60	16.5	0
20	16QAM	1	49	15.50	15.68	15.65		
20	16QAM	1	99	15.51	15.76	15.59		
20	16QAM	50	0	15.61	15.78	15.48	16.5	0
20	16QAM	50	24	15.54	15.62	15.48		
20	16QAM	50	50	15.62	15.72	15.53		
20	16QAM	100	0	15.74	15.71	15.59		
20	64QAM	1	0	15.72	15.82	15.58	16.5	0
20	64QAM	1	49	15.58	15.60	15.57		
20	64QAM	1	99	15.50	15.70	15.54		
20	64QAM	50	0	15.67	15.78	15.56	16.5	0
20	64QAM	50	24	15.53	15.67	15.49		
20	64QAM	50	50	15.58	15.72	15.52		
20	64QAM	100	0	15.70	15.73	15.65		
20	256QAM	1	0	15.77	15.75	15.58	16.5	0
20	256QAM	1	49	15.58	15.63	15.65		
20	256QAM	1	99	15.56	15.70	15.60		
20	256QAM	50	0	15.61	15.74	15.56	16.5	0
20	256QAM	50	24	15.52	15.66	15.47		
20	256QAM	50	50	15.61	15.72	15.60		
20	256QAM	100	0	15.66	15.70	15.60		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3600	3742.5		
15	QPSK	1	0	15.73	15.79	15.55	16.5	0
15	QPSK	1	37	15.51	15.59	15.61		
15	QPSK	1	74	15.50	15.72	15.54		
15	QPSK	36	0	15.61	15.79	15.54	16.5	0
15	QPSK	36	20	15.51	15.59	15.47		
15	QPSK	36	39	15.59	15.74	15.59		
15	QPSK	75	0	15.73	15.73	15.56		
15	16QAM	1	0	15.65	15.74	15.51	16.5	0
15	16QAM	1	37	15.44	15.62	15.64		
15	16QAM	1	74	15.42	15.69	15.49		
15	16QAM	36	0	15.51	15.70	15.39	16.5	0
15	16QAM	36	20	15.47	15.53	15.47		
15	16QAM	36	39	15.58	15.61	15.48		
15	16QAM	75	0	15.71	15.68	15.53		
15	64QAM	1	0	15.61	15.74	15.51	16.5	0
15	64QAM	1	37	15.52	15.49	15.54		
15	64QAM	1	74	15.40	15.66	15.52		
15	64QAM	36	0	15.59	15.77	15.48	16.5	0
15	64QAM	36	20	15.44	15.57	15.42		
15	64QAM	36	39	15.49	15.64	15.47		
15	64QAM	75	0	15.67	15.67	15.60		
15	256QAM	1	0	15.71	15.67	15.48	16.5	0
15	256QAM	1	37	15.49	15.55	15.61		
15	256QAM	1	74	15.54	15.62	15.50		
15	256QAM	36	0	15.53	15.70	15.49	16.5	0
15	256QAM	36	20	15.43	15.56	15.44		
15	256QAM	36	39	15.52	15.70	15.55		
15	256QAM	75	0	15.61	15.67	15.50		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3600	3745		
10	QPSK	1	0	15.71	15.80	15.55	16.5	0
10	QPSK	1	25	15.52	15.64	15.65		
10	QPSK	1	49	15.53	15.69	15.60		
10	QPSK	25	0	15.64	15.71	15.50	16.5	0
10	QPSK	25	12	15.55	15.64	15.52		
10	QPSK	25	25	15.57	15.70	15.53		
10	QPSK	50	0	15.67	15.73	15.64		
10	16QAM	1	0	15.57	15.70	15.51	16.5	0
10	16QAM	1	25	15.43	15.63	15.58		
10	16QAM	1	49	15.50	15.69	15.50		
10	16QAM	25	0	15.56	15.72	15.44	16.5	0
10	16QAM	25	12	15.48	15.55	15.40		
10	16QAM	25	25	15.60	15.68	15.49		
10	16QAM	50	0	15.66	15.67	15.55		
10	64QAM	1	0	15.70	15.78	15.50	16.5	0
10	64QAM	1	25	15.52	15.56	15.47		
10	64QAM	1	49	15.48	15.62	15.43		
10	64QAM	25	0	15.66	15.72	15.47	16.5	0
10	64QAM	25	12	15.51	15.64	15.43		
10	64QAM	25	25	15.54	15.63	15.45		
10	64QAM	50	0	15.66	15.66	15.58		
10	256QAM	1	0	15.69	15.66	15.53	16.5	0
10	256QAM	1	25	15.54	15.55	15.55		
10	256QAM	1	49	15.48	15.61	15.53		
10	256QAM	25	0	15.54	15.64	15.50	16.5	0
10	256QAM	25	12	15.50	15.58	15.44		
10	256QAM	25	25	15.59	15.64	15.59		
10	256QAM	50	0	15.65	15.69	15.49		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3600	3747.5		
5	QPSK	1	0	15.68	15.72	15.56	16.5	0
5	QPSK	1	12	15.54	15.66	15.60		
5	QPSK	1	24	15.51	15.76	15.57		
5	QPSK	12	0	15.59	15.70	15.53	16.5	0
5	QPSK	12	7	15.50	15.65	15.47		
5	QPSK	12	13	15.55	15.69	15.53		
5	QPSK	25	0	15.73	15.72	15.61	16.5	0
5	16QAM	1	0	15.64	15.72	15.53		
5	16QAM	1	12	15.48	15.65	15.59		
5	16QAM	1	24	15.46	15.68	15.54		
5	16QAM	12	0	15.57	15.75	15.40	16.5	0
5	16QAM	12	7	15.47	15.57	15.38		
5	16QAM	12	13	15.55	15.69	15.44		
5	16QAM	25	0	15.64	15.68	15.57		
5	64QAM	1	0	15.67	15.72	15.48	16.5	0
5	64QAM	1	12	15.51	15.56	15.49		
5	64QAM	1	24	15.49	15.61	15.48		
5	64QAM	12	0	15.64	15.68	15.50	16.5	0
5	64QAM	12	7	15.46	15.64	15.40		
5	64QAM	12	13	15.49	15.66	15.50		
5	64QAM	25	0	15.67	15.70	15.63		
5	256QAM	1	0	15.68	15.69	15.54	16.5	0
5	256QAM	1	12	15.55	15.60	15.61		
5	256QAM	1	24	15.49	15.67	15.57		
5	256QAM	12	0	15.54	15.67	15.51	16.5	0
5	256QAM	12	7	15.45	15.55	15.37		
5	256QAM	12	13	15.52	15.65	15.51		
5	256QAM	25	0	15.61	15.61	15.50		

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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	3695		
20	QPSK	1	0	15.06	15.23	15.01	15.05	16.5	0
20	QPSK	1	49	15.15	15.18	15.21	15.12		
20	QPSK	1	99	15.21	15.21	15.06	15.10		
20	QPSK	50	0	15.12	15.18	15.16	15.10	16.5	0
20	QPSK	50	24	15.16	15.10	15.08	15.14		
20	QPSK	50	50	15.06	15.14	15.04	15.16		
20	QPSK	100	0	15.16	15.19	15.07	15.11		
20	16QAM	1	0	14.96	15.13	14.97	14.97	16.5	0
20	16QAM	1	49	15.05	15.14	15.17	15.06		
20	16QAM	1	99	15.14	15.11	14.98	15.04		
20	16QAM	50	0	15.10	15.11	15.07	15.03	16.5	0
20	16QAM	50	24	15.13	15.00	14.99	15.04		
20	16QAM	50	50	15.02	15.11	14.96	15.11		
20	16QAM	100	0	15.07	15.13	15.02	15.03		
20	64QAM	1	0	15.01	15.20	14.90	15.04	16.5	0
20	64QAM	1	49	15.14	15.14	15.11	15.09		
20	64QAM	1	99	15.19	15.14	15.04	15.02		
20	64QAM	50	0	15.11	15.10	15.12	15.03	16.5	0
20	64QAM	50	24	15.15	15.05	14.99	15.09		
20	64QAM	50	50	14.96	15.04	14.96	15.11		
20	64QAM	100	0	15.11	15.11	14.99	15.03		
20	256QAM	1	0	14.97	15.17	14.96	14.98	16.5	0
20	256QAM	1	49	15.08	15.09	15.13	15.05		
20	256QAM	1	99	15.18	15.17	14.99	15.04		
20	256QAM	50	0	15.04	15.10	15.11	15.07	16.5	0
20	256QAM	50	24	15.10	15.06	15.04	15.04		
20	256QAM	50	50	15.02	15.13	14.97	15.11		
20	256QAM	100	0	15.13	15.11	15.06	15.08		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	15.01	15.17	14.94	15.00	16.5	0
15	QPSK	1	37	15.04	15.08	15.15	15.05		
15	QPSK	1	74	15.12	15.20	15.01	15.04		
15	QPSK	36	0	15.02	15.14	15.12	15.00	16.5	0
15	QPSK	36	20	15.11	15.03	15.05	15.13		
15	QPSK	36	39	15.01	15.11	14.99	15.06		
15	QPSK	75	0	15.12	15.15	15.04	15.04		
15	16QAM	1	0	14.88	15.09	14.92	14.88	16.5	0
15	16QAM	1	37	14.99	15.06	15.14	15.03		
15	16QAM	1	74	15.09	15.07	14.88	14.98		
15	16QAM	36	0	15.05	15.05	15.04	14.98	16.5	0
15	16QAM	36	20	15.04	14.93	14.88	15.01		
15	16QAM	36	39	14.92	15.07	14.89	15.07		
15	16QAM	75	0	14.98	15.04	14.94	14.92		
15	64QAM	1	0	14.99	15.10	14.86	15.01	16.5	0
15	64QAM	1	37	15.08	15.08	15.02	15.06		
15	64QAM	1	74	15.14	15.10	14.93	14.93		
15	64QAM	36	0	15.07	15.09	15.11	14.93	16.5	0
15	64QAM	36	20	15.09	15.04	14.89	15.07		
15	64QAM	36	39	14.87	14.93	14.85	15.08		
15	64QAM	75	0	15.00	15.00	14.95	14.98		
15	256QAM	1	0	14.94	15.06	14.87	14.95	16.5	0
15	256QAM	1	37	14.99	15.06	15.06	14.94		
15	256QAM	1	74	15.12	15.11	14.91	15.00		
15	256QAM	36	0	14.99	15.06	15.01	15.00	16.5	0
15	256QAM	36	20	15.06	15.03	14.96	14.97		
15	256QAM	36	39	14.93	15.06	14.94	15.01		
15	256QAM	75	0	15.03	15.05	15.04	15.06		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	15.00	15.13	14.93	14.95	16.5	0
10	QPSK	1	25	15.10	15.11	15.11	15.03		
10	QPSK	1	49	15.16	15.16	14.99	15.03		
10	QPSK	25	0	15.06	15.11	15.10	15.02	16.5	0
10	QPSK	25	12	15.07	15.09	15.03	15.06		
10	QPSK	25	25	14.97	15.06	14.97	15.06		
10	QPSK	50	0	15.10	15.13	15.02	15.03		
10	16QAM	1	0	14.87	15.09	14.91	14.88	16.5	0
10	16QAM	1	25	15.00	15.08	15.16	15.04		
10	16QAM	1	49	15.13	15.05	14.91	14.96		
10	16QAM	25	0	15.08	15.07	14.97	14.97	16.5	0
10	16QAM	25	12	15.08	14.89	14.92	14.98		
10	16QAM	25	25	15.01	15.10	14.90	15.05		
10	16QAM	50	0	14.99	15.03	14.99	14.97		
10	64QAM	1	0	14.98	15.12	14.84	14.99	16.5	0
10	64QAM	1	25	15.12	15.04	15.06	15.04		
10	64QAM	1	49	15.11	15.05	14.94	14.93		
10	64QAM	25	0	15.00	15.05	15.07	15.00	16.5	0
10	64QAM	25	12	15.09	15.02	14.95	15.05		
10	64QAM	25	25	14.91	14.98	14.93	15.05		
10	64QAM	50	0	15.07	15.01	14.88	14.99		
10	256QAM	1	0	14.95	15.14	14.90	14.90	16.5	0
10	256QAM	1	25	15.05	15.07	15.08	14.96		
10	256QAM	1	49	15.08	15.09	14.88	15.02		
10	256QAM	25	0	14.94	15.00	15.04	15.05	16.5	0
10	256QAM	25	12	15.08	15.04	15.00	14.96		
10	256QAM	25	25	14.92	15.09	14.89	15.09		
10	256QAM	50	0	15.05	15.08	15.04	14.97		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	15.02	15.15	15.00	14.96	16.5	0
5	QPSK	1	12	15.13	15.13	15.16	15.03		
5	QPSK	1	24	15.19	15.16	14.97	15.05		
5	QPSK	12	0	15.05	15.09	15.12	15.02	16.5	0
5	QPSK	12	7	15.15	15.08	15.01	15.05		
5	QPSK	12	13	14.96	15.11	15.02	15.10		
5	QPSK	25	0	15.13	15.15	14.99	15.05	16.5	0
5	16QAM	1	0	14.95	15.05	14.91	14.90		
5	16QAM	1	12	15.04	15.11	15.13	14.97		
5	16QAM	1	24	15.08	15.08	14.90	15.02	16.5	0
5	16QAM	12	0	15.01	15.10	14.96	14.97		
5	16QAM	12	7	15.11	14.90	14.94	14.99		
5	16QAM	12	13	14.92	15.00	14.90	15.06		
5	16QAM	25	0	15.00	15.07	14.99	14.94	16.5	0
5	64QAM	1	0	14.92	15.18	14.79	14.93		
5	64QAM	1	12	15.08	15.04	15.09	15.01		
5	64QAM	1	24	15.12	15.12	15.03	14.99		
5	64QAM	12	0	15.06	15.06	15.00	14.95	16.5	0
5	64QAM	12	7	15.08	15.02	14.97	15.01		
5	64QAM	12	13	14.86	14.99	14.86	15.04		
5	64QAM	25	0	15.03	15.03	14.96	14.95		
5	256QAM	1	0	14.93	15.07	14.94	14.93	16.5	0
5	256QAM	1	12	15.06	15.00	15.09	15.01		
5	256QAM	1	24	15.09	15.06	14.89	14.94		
5	256QAM	12	0	14.95	15.01	15.10	15.04	16.5	0
5	256QAM	12	7	15.04	15.01	15.01	14.96		
5	256QAM	12	13	14.92	15.04	14.91	15.07		
5	256QAM	25	0	15.07	15.01	14.97	15.06		

Full&Default NSA Power

Band 4 Ant0 Main PA Default

BW [MHz]	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	22.8	22.9	22.85	24	0
20	QPSK	1	49	22.78	22.85	22.75		
20	QPSK	1	99	22.72	22.79	22.76		
20	QPSK	50	0	21.92	22.09	21.94	23	1
20	QPSK	50	24	21.96	22.01	21.92		
20	QPSK	50	50	21.86	21.89	21.82		
20	QPSK	100	0	21.93	21.98	21.88		
20	16QAM	1	0	21.71	21.78	21.73	23	1
20	16QAM	1	49	21.86	21.94	21.83		
20	16QAM	1	99	21.79	21.89	21.81		
20	16QAM	50	0	20.96	21	20.94	22	2
20	16QAM	50	24	20.97	21	20.96		
20	16QAM	50	50	20.85	20.96	20.92		
20	16QAM	100	0	20.96	21	20.96		
20	64QAM	1	0	20.73	20.79	20.77	22	2
20	64QAM	1	49	20.92	20.96	20.89		
20	64QAM	1	99	20.91	20.94	20.86		
20	64QAM	50	0	19.86	19.95	19.9	21	3
20	64QAM	50	24	19.91	20.01	19.94		
20	64QAM	50	50	19.96	20	19.94		
20	64QAM	100	0	19.88	19.95	19.84		
20	256QAM	1	0	17.67	17.71	17.65	19	5
20	256QAM	1	49	17.55	17.61	17.53		
20	256QAM	1	99	17.58	17.6	17.57		
20	256QAM	50	0	17.59	17.69	17.59	19	5
20	256QAM	50	24	17.56	17.67	17.58		
20	256QAM	50	50	17.59	17.64	17.59		
20	256QAM	100	0	17.57	17.65	17.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.77	22.8	22.81	24	0
15	QPSK	1	37	22.69	22.82	22.67		
15	QPSK	1	74	22.71	22.69	22.69		
15	QPSK	36	0	21.9	21.94	21.87	23	1
15	QPSK	36	20	21.9	21.89	21.89		
15	QPSK	36	39	21.76	21.85	21.77		
15	QPSK	75	0	21.84	21.92	21.84		
15	16QAM	1	0	21.62	21.77	21.68	23	1
15	16QAM	1	37	21.78	21.92	21.79		
15	16QAM	1	74	21.72	21.82	21.71		
15	16QAM	36	0	20.95	20.99	20.87	22	2
15	16QAM	36	20	20.88	20.93	20.85		
15	16QAM	36	39	20.75	20.91	20.88		
15	16QAM	75	0	20.93	20.98	20.92		
15	64QAM	1	0	20.68	20.77	20.69	22	2
15	64QAM	1	37	20.84	20.94	20.79		
15	64QAM	1	74	20.88	20.91	20.83		
15	64QAM	36	0	19.82	19.93	19.84	21	3
15	64QAM	36	20	19.85	19.91	19.86		
15	64QAM	36	39	19.9	19.89	19.86		
15	64QAM	75	0	19.77	19.92	19.77		
15	256QAM	1	0	17.65	17.66	17.61	19	5
15	256QAM	1	37	17.46	17.53	17.52		
15	256QAM	1	74	17.5	17.54	17.51		
15	256QAM	36	0	17.53	17.61	17.58	19	5
15	256QAM	36	20	17.52	17.63	17.53		
15	256QAM	36	39	17.49	17.55	17.5		
15	256QAM	75	0	17.48	17.56	17.53		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.74	22.83	22.8	24	0
10	QPSK	1	25	22.75	22.76	22.68		
10	QPSK	1	49	22.64	22.76	22.69		
10	QPSK	25	0	21.94	21.96	21.9	23	1
10	QPSK	25	12	21.86	21.9	21.84		
10	QPSK	25	25	21.76	21.86	21.8		
10	QPSK	50	0	21.9	21.96	21.78		
10	16QAM	1	0	21.68	21.71	21.65	23	1
10	16QAM	1	25	21.79	21.9	21.75		
10	16QAM	1	49	21.71	21.85	21.73		
10	16QAM	25	0	20.94	20.98	20.88	22	2
10	16QAM	25	12	20.91	20.9	20.9		
10	16QAM	25	25	20.79	20.94	20.86		
10	16QAM	50	0	20.91	20.9	20.85		
10	64QAM	1	0	20.66	20.7	20.72	22	2
10	64QAM	1	25	20.9	20.88	20.83		
10	64QAM	1	49	20.89	20.91	20.84		
10	64QAM	25	0	19.76	19.91	19.8	21	3
10	64QAM	25	12	19.81	19.99	19.91		
10	64QAM	25	25	19.89	19.96	19.85		
10	64QAM	50	0	19.82	19.84	19.76		
10	256QAM	1	0	17.62	17.68	17.57	19	5
10	256QAM	1	25	17.46	17.53	17.45		
10	256QAM	1	49	17.48	17.59	17.51		
10	256QAM	25	0	17.57	17.61	17.55	19	5
10	256QAM	25	12	17.5	17.64	17.52		
10	256QAM	25	25	17.54	17.61	17.56		
10	256QAM	50	0	17.53	17.61	17.5		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.71	22.87	22.75	24	0
5	QPSK	1	12	22.75	22.8	22.71		
5	QPSK	1	24	22.64	22.76	22.73		
5	QPSK	12	0	21.93	21.98	21.88	23	1
5	QPSK	12	7	21.82	21.87	21.87		
5	QPSK	12	13	21.76	21.82	21.8		
5	QPSK	25	0	21.89	21.94	21.82		
5	16QAM	1	0	21.62	21.69	21.68	23	1
5	16QAM	1	12	21.79	21.87	21.76		
5	16QAM	1	24	21.74	21.87	21.74		
5	16QAM	12	0	20.9	20.92	20.93	22	2
5	16QAM	12	7	20.92	20.96	20.87		
5	16QAM	12	13	20.8	20.91	20.83		
5	16QAM	25	0	20.93	20.93	20.87		
5	64QAM	1	0	20.62	20.74	20.67	22	2
5	64QAM	1	12	20.88	20.92	20.86		
5	64QAM	1	24	20.87	20.86	20.78		
5	64QAM	12	0	19.78	19.85	19.85	21	3
5	64QAM	12	7	19.87	19.99	19.93		
5	64QAM	12	13	19.9	19.97	19.84		
5	64QAM	25	0	19.81	19.94	19.83		
5	256QAM	1	0	17.61	17.65	17.57	19	5
5	256QAM	1	12	17.51	17.57	17.47		
5	256QAM	1	24	17.55	17.58	17.49		
5	256QAM	12	0	17.56	17.63	17.58	19	5
5	256QAM	12	7	17.47	17.66	17.54		
5	256QAM	12	13	17.48	17.56	17.5		
5	256QAM	25	0	17.51	17.6	17.51		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.75	22.84	22.82	24	0
3	QPSK	1	8	22.73	22.74	22.68		
3	QPSK	1	14	22.64	22.77	22.69		
3	QPSK	8	0	21.91	21.95	21.85	23	1
3	QPSK	8	4	21.84	21.88	21.86		
3	QPSK	8	7	21.76	21.79	21.76		
3	QPSK	15	0	21.83	21.92	21.82		
3	16QAM	1	0	21.69	21.7	21.72	23	1
3	16QAM	1	8	21.82	21.9	21.79		
3	16QAM	1	14	21.77	21.84	21.8		
3	16QAM	8	0	20.86	20.95	20.84	22	2
3	16QAM	8	4	20.95	20.97	20.9		
3	16QAM	8	7	20.81	20.93	20.84		
3	16QAM	15	0	20.93	20.9	20.91		
3	64QAM	1	0	20.62	20.75	20.7	22	2
3	64QAM	1	8	20.87	20.94	20.79		
3	64QAM	1	14	20.83	20.85	20.83		
3	64QAM	8	0	19.81	19.93	19.84	21	3
3	64QAM	8	4	19.85	19.97	19.87		
3	64QAM	8	7	19.9	19.99	19.91		
3	64QAM	15	0	19.77	19.9	19.81		
3	256QAM	1	0	17.62	17.68	17.59	19	5
3	256QAM	1	8	17.5	17.51	17.49		
3	256QAM	1	14	17.56	17.49	17.56	19	5
3	256QAM	8	0	17.49	17.68	17.55		
3	256QAM	8	4	17.54	17.6	17.48		
3	256QAM	8	7	17.49	17.57	17.53		
3	256QAM	15	0	17.48	17.58	17.5		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.71	22.82	22.82	24	0
1.4	QPSK	1	3	22.7	22.84	22.72		
1.4	QPSK	1	5	22.65	22.73	22.67		
1.4	QPSK	3	0	22.69	22.87	22.74		
1.4	QPSK	3	1	22.69	22.78	22.72		
1.4	QPSK	3	3	22.62	22.75	22.75		
1.4	QPSK	6	0	21.92	21.95	21.8	23	1
1.4	16QAM	1	0	21.66	21.68	21.66	23	1
1.4	16QAM	1	3	21.81	21.87	21.79		
1.4	16QAM	1	5	21.7	21.83	21.72		
1.4	16QAM	3	0	21.65	21.67	21.7		
1.4	16QAM	3	1	21.77	21.85	21.72		
1.4	16QAM	3	3	21.71	21.81	21.78		
1.4	16QAM	6	0	20.94	20.97	20.93	22	2
1.4	64QAM	1	0	20.7	20.71	20.67	22	2
1.4	64QAM	1	3	20.9	20.85	20.81		
1.4	64QAM	1	5	20.85	20.9	20.75		
1.4	64QAM	3	0	20.62	20.69	20.72		
1.4	64QAM	3	1	20.84	20.91	20.83		
1.4	64QAM	3	3	20.89	20.93	20.84		
1.4	64QAM	6	0	19.8	19.92	19.79	21	3
1.4	256QAM	1	0	17.63	17.67	17.59	19	5
1.4	256QAM	1	3	17.48	17.53	17.47		
1.4	256QAM	1	5	17.54	17.5	17.48		
1.4	256QAM	3	0	17.56	17.62	17.5		
1.4	256QAM	3	1	17.46	17.65	17.5		
1.4	256QAM	3	3	17.52	17.54	17.57		
1.4	256QAM	6	0	17.46	17.63	17.55	19	5

Band 7 Ant0 Main PA Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.18	23.21	23.13	24.5	0
20	QPSK	1	49	23.13	23.15	23.04		
20	QPSK	1	99	23.18	23.19	23.11		
20	QPSK	50	0	22.09	22.29	22.09	23.5	1
20	QPSK	50	24	22.15	22.19	22.12		
20	QPSK	50	50	22.1	22.15	22.06		
20	QPSK	100	0	22.07	22.11	22.08		
20	16QAM	1	0	22.16	22.2	22.2	23.5	1
20	16QAM	1	49	22.08	22.23	22.11		
20	16QAM	1	99	22.07	22.39	22.1		
20	16QAM	50	0	21.46	21.49	21.38	22.5	2
20	16QAM	50	24	21.37	21.43	21.41		
20	16QAM	50	50	21.38	21.48	21.46		
20	16QAM	100	0	21.45	21.5	21.42		
20	64QAM	1	0	21.49	21.53	21.47	22.5	2
20	64QAM	1	49	21.33	21.43	21.35		
20	64QAM	1	99	21.38	21.48	21.42		
20	64QAM	50	0	20.49	20.54	20.49	21.5	3
20	64QAM	50	24	20.52	20.57	20.53		
20	64QAM	50	50	20.46	20.52	20.48		
20	64QAM	100	0	20.43	20.52	20.45		
20	256QAM	1	0	18.16	18.19	18.12	19.5	5
20	256QAM	1	49	18.13	18.18	18.14		
20	256QAM	1	99	18.01	18.11	18.09		
20	256QAM	50	0	18.16	18.2	18.11	19.5	5
20	256QAM	50	24	18.19	18.2	18.17		
20	256QAM	50	50	18.17	18.19	18.15		
20	256QAM	100	0	18.2	18.22	18.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.11	23.14	23.1	24.5	0
15	QPSK	1	37	23.09	23.07	23.02		
15	QPSK	1	74	23.13	23.09	23.01		
15	QPSK	36	0	22.11	22.12	22.07	23.5	1
15	QPSK	36	20	22.03	22.09	22.07		
15	QPSK	36	39	22.03	22.05	22.1		
15	QPSK	75	0	22.02	22	22.06		
15	16QAM	1	0	22.07	22.12	22.11	23.5	1
15	16QAM	1	37	22.02	22.21	22.09		
15	16QAM	1	74	22.03	22.34	22.05		
15	16QAM	36	0	21.42	21.45	21.35	22.5	2
15	16QAM	36	20	21.32	21.42	21.32		
15	16QAM	36	39	21.28	21.47	21.37		
15	16QAM	75	0	21.36	21.43	21.33		
15	64QAM	1	0	21.4	21.44	21.39	22.5	2
15	64QAM	1	37	21.28	21.4	21.31		
15	64QAM	1	74	21.29	21.39	21.38		
15	64QAM	36	0	20.46	20.49	20.47	21.5	3
15	64QAM	36	20	20.47	20.54	20.51		
15	64QAM	36	39	20.39	20.51	20.46		
15	64QAM	75	0	20.33	20.46	20.43		
15	256QAM	1	0	18.13	18.17	18.05	19.5	5
15	256QAM	1	37	18.03	18.16	18.04		
15	256QAM	1	74	18.13	18.05	18.02		
15	256QAM	36	0	18.09	18.15	18.01	19.5	5
15	256QAM	36	20	18.16	18.15	18.11		
15	256QAM	36	39	18.08	18.13	18.09		
15	256QAM	75	0	18.16	18.18	18.04		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.15	23.17	23.06	24.5	0
10	QPSK	1	25	23.06	23.05	23.03		
10	QPSK	1	49	23.17	23.09	23.07		
10	QPSK	25	0	22.09	22.11	22.09	23.5	1
10	QPSK	25	12	22.08	22.05	22.05		
10	QPSK	25	25	22.05	22.13	22.05		
10	QPSK	50	0	22.03	22.09	22.02		
10	16QAM	1	0	22.05	22.14	22.16	23.5	1
10	16QAM	1	25	22.06	22.18	22.02		
10	16QAM	1	49	22.06	22.34	22.02		
10	16QAM	25	0	21.36	21.44	21.28	22.5	2
10	16QAM	25	12	21.29	21.33	21.34		
10	16QAM	25	25	21.3	21.41	21.36		
10	16QAM	50	0	21.41	21.48	21.35		
10	64QAM	1	0	21.43	21.44	21.42	22.5	2
10	64QAM	1	25	21.24	21.33	21.24		
10	64QAM	1	49	21.3	21.47	21.34		
10	64QAM	25	0	20.48	20.51	20.44	21.5	3
10	64QAM	25	12	20.48	20.56	20.51		
10	64QAM	25	25	20.38	20.47	20.47		
10	64QAM	50	0	20.39	20.43	20.44		
10	256QAM	1	0	18.12	18.15	18.06	19.5	5
10	256QAM	1	25	18.06	18.13	18.07		
10	256QAM	1	49	18.13	18.08	18.01		
10	256QAM	25	0	18.07	18.12	18.07	19.5	5
10	256QAM	25	12	18.16	18.19	18.13		
10	256QAM	25	25	18.08	18.18	18.14		
10	256QAM	50	0	18.16	18.2	18.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.1	23.1	23.09	24.5	0
5	QPSK	1	12	23.06	23.1	23.03		
5	QPSK	1	24	23.14	23.18	23.04		
5	QPSK	12	0	22.11	22.13	22.03	23.5	1
5	QPSK	12	7	22.01	22.05	22.03		
5	QPSK	12	13	22.06	22.1	22.01		
5	QPSK	25	0	22.05	22.01	22.05		
5	16QAM	1	0	22.12	22.15	22.13	23.5	1
5	16QAM	1	12	22.03	22.16	22.06		
5	16QAM	1	24	22.08	22.33	22.07		
5	16QAM	12	0	21.45	21.44	21.32	22.5	2
5	16QAM	12	7	21.32	21.34	21.39		
5	16QAM	12	13	21.35	21.44	21.44		
5	16QAM	25	0	21.37	21.4	21.34		
5	64QAM	1	0	21.41	21.46	21.39	22.5	2
5	64QAM	1	12	21.27	21.42	21.27		
5	64QAM	1	24	21.33	21.38	21.4		
5	64QAM	12	0	20.43	20.45	20.46	21.5	3
5	64QAM	12	7	20.49	20.52	20.43		
5	64QAM	12	13	20.4	20.5	20.42		
5	64QAM	25	0	20.35	20.46	20.35		
5	256QAM	1	0	18.14	18.14	18.11	19.5	5
5	256QAM	1	12	18.07	18.08	18.07		
5	256QAM	1	24	18	18.02	18.01		
5	256QAM	12	0	18.08	18.15	18.01	19.5	5
5	256QAM	12	7	18.12	18.1	18.13		
5	256QAM	12	13	18.06	18.16	18.05		
5	256QAM	25	0	18.11	18.13	18.11		

Band 66 Ant0 Other PA Default

BW [MHz]	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	25.21	25.22	25.16	25.7	0
20	QPSK	1	49	25.1	25.13	25.09		
20	QPSK	1	99	25.12	25.15	25.08		
20	QPSK	50	0	23.94	24.29	24.01	24.7	1
20	QPSK	50	24	24.16	24.19	24.1		
20	QPSK	50	50	24.04	24.05	24.03		
20	QPSK	100	0	24.12	24.18	24.07		
20	16QAM	1	0	24.05	24.14	24.07	24.7	1
20	16QAM	1	49	24.01	24.1	24.09		
20	16QAM	1	99	24.04	24.11	24.05		
20	16QAM	50	0	23.09	23.13	23.11	23.7	2
20	16QAM	50	24	23.05	23.14	23.07		
20	16QAM	50	50	23.08	23.14	23.12		
20	16QAM	100	0	23.08	23.14	23.11		
20	64QAM	1	0	23.13	23.2	23.14	23.7	2
20	64QAM	1	49	23.15	23.19	23.1		
20	64QAM	1	99	23.1	23.19	23.14		
20	64QAM	50	0	22.11	22.14	22.1	22.7	3
20	64QAM	50	24	22.13	22.22	22.13		
20	64QAM	50	50	22.17	22.2	22.17		
20	64QAM	100	0	22.07	22.15	22.04		
20	256QAM	1	0	20.15	20.21	20.12	20.7	5
20	256QAM	1	49	20.1	20.21	20.12		
20	256QAM	1	99	20.08	20.19	20.09		
20	256QAM	50	0	20.13	20.18	20.13	20.7	5
20	256QAM	50	24	20.14	20.21	20.19		
20	256QAM	50	50	20.14	20.16	20.15		
20	256QAM	100	0	20.03	20.14	20.1		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	25.12	25.12	25.13	25.7	0
15	QPSK	1	37	25.06	25.03	25.07		
15	QPSK	1	74	25.1	25.12	25.03		
15	QPSK	36	0	24.12	24.1	24.04	24.7	1
15	QPSK	36	20	23.85	24.01	23.91		
15	QPSK	36	39	23.99	24.01	23.94		
15	QPSK	75	0	24.07	24.15	24.04		
15	16QAM	1	0	24.02	24.09	24.05	24.7	1
15	16QAM	1	37	23.98	24.02	24.07		
15	16QAM	1	74	23.94	24.06	23.98		
15	16QAM	36	0	23.03	23.04	23.09	23.7	2
15	16QAM	36	20	22.98	23.13	22.98		
15	16QAM	36	39	22.98	23.04	23.09		
15	16QAM	75	0	22.98	23.11	23.07		
15	64QAM	1	0	23.02	23.13	23.11	23.7	2
15	64QAM	1	37	23.06	23.1	23.02		
15	64QAM	1	74	23.07	23.11	23.13		
15	64QAM	36	0	22.07	22.05	22	22.7	3
15	64QAM	36	20	22.11	22.18	22.03		
15	64QAM	36	39	22.07	22.13	22.09		
15	64QAM	75	0	22	22.11	22.03		
15	256QAM	1	0	20.05	20.14	20.07	20.7	5
15	256QAM	1	37	20	20.16	20.1		
15	256QAM	1	74	20.01	20.13	20.03		
15	256QAM	36	0	20.11	20.16	20.08	20.7	5
15	256QAM	36	20	20.12	20.19	20.12		
15	256QAM	36	39	20.06	20.09	20.09		
15	256QAM	75	0	19.93	20.1	20.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	25.2	25.2	25.15	25.7	0
10	QPSK	1	25	25.03	25.05	25.02		
10	QPSK	1	49	25.08	25.13	25.03		
10	QPSK	25	0	24.11	24.18	24.01	24.7	1
10	QPSK	25	12	23.85	23.99	23.9		
10	QPSK	25	25	23.95	23.94	23.98		
10	QPSK	50	0	24.1	24.11	23.98		
10	16QAM	1	0	23.95	24.05	23.97	24.7	1
10	16QAM	1	25	23.99	24.01	24		
10	16QAM	1	49	24.01	24.08	23.99		
10	16QAM	25	0	23	23.09	23.1	23.7	2
10	16QAM	25	12	22.95	23.09	23		
10	16QAM	25	25	23.03	23.05	23.01		
10	16

Band 38 Ant0 Main PA Default

BW [MHz]	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	2695	2610		
20	QPSK	1	0	23.21	23.29	23.15	24	0
20	QPSK	1	49	23.02	23.09	22.99		
20	QPSK	1	99	23.08	23.15	23.04		
20	QPSK	50	0	22.09	22.45	22.16	23	1
20	QPSK	50	24	22.29	22.40	22.33		
20	QPSK	50	50	22.14	22.21	22.10		
20	QPSK	100	0	22.31	22.35	22.26		
20	16QAM	1	0	22.17	22.20	22.16	23	1
20	16QAM	1	49	22.09	22.17	22.13		
20	16QAM	1	99	22.09	22.16	22.13		
20	16QAM	50	0	21.18	21.20	21.13	22	2
20	16QAM	50	24	21.17	21.24	21.14		
20	16QAM	50	50	21.06	21.16	21.12		
20	16QAM	100	0	21.10	21.20	21.13		
20	64QAM	1	0	21.28	21.30	21.23	22	2
20	64QAM	1	49	21.15	21.21	21.19		
20	64QAM	1	99	21.18	21.24	21.23		
20	64QAM	50	0	20.13	20.16	20.07	21	3
20	64QAM	50	24	20.14	20.19	20.12		
20	64QAM	50	50	20.13	20.23	20.13		
20	64QAM	100	0	20.12	20.21	20.18		
20	256QAM	1	0	17.94	18.01	17.94	19	5
20	256QAM	1	49	17.83	17.93	17.89		
20	256QAM	1	99	17.91	17.94	17.88		
20	256QAM	50	0	17.93	17.97	17.94	19	5
20	256QAM	50	24	17.89	17.98	17.92		
20	256QAM	50	50	17.93	17.99	17.97		
20	256QAM	100	0	17.89	17.96	17.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.21	23.07	23.02	24	0
15	QPSK	1	37	22.95	22.97	23.00		
15	QPSK	1	74	22.94	23.03	22.98		
15	QPSK	36	0	22.12	22.32	22.20	23	1
15	QPSK	36	20	22.02	22.45	22.12		
15	QPSK	36	39	22.11	22.16	21.94		
15	QPSK	75	0	22.19	22.19	22.20		
15	16QAM	1	0	22.09	21.99	21.95	23	1
15	16QAM	1	37	22.11	22.11	22.01		
15	16QAM	1	74	22.07	22.01	21.92		
15	16QAM	36	0	21.18	20.99	21.09	22	2
15	16QAM	36	20	21.01	21.25	20.99		
15	16QAM	36	39	20.90	20.99	21.10		
15	16QAM	75	0	20.95	21.04	20.99		
15	64QAM	1	0	21.25	21.24	21.05	22	2
15	64QAM	1	37	21.09	21.15	21.18		
15	64QAM	1	74	20.97	21.12	21.21		
15	64QAM	36	0	19.92	19.96	20.03	21	3
15	64QAM	36	20	20.05	20.15	19.99		
15	64QAM	36	39	19.95	20.14	20.03		
15	64QAM	75	0	20.05	20.00	20.03		
15	256QAM	1	0	17.95	17.84	17.79	19	5
15	256QAM	1	37	17.85	17.93	17.69		
15	256QAM	1	74	17.70	17.89	17.87		
15	256QAM	36	0	17.86	17.77	17.94	19	5
15	256QAM	36	20	17.80	17.79	17.89		
15	256QAM	36	39	17.86	18.00	17.91		
15	256QAM	75	0	17.85	17.85	17.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.09	23.21	23.12	24	0
10	QPSK	1	25	22.82	22.87	22.84		
10	QPSK	1	49	22.93	23.00	23.00		
10	QPSK	25	0	22.30	22.21	22.16	23	1
10	QPSK	25	12	21.98	22.38	22.10		
10	QPSK	25	25	22.14	22.12	22.12		
10	QPSK	50	0	22.28	22.16	22.12		
10	16QAM	1	0	22.10	22.15	22.04	23	1
10	16QAM	1	25	21.95	22.13	22.04		
10	16QAM	1	49	21.99	22.14	21.96		
10	16QAM	25	0	21.16	21.18	21.15	22	2
10	16QAM	25	12	20.99	21.17	20.94		
10	16QAM	25	25	20.98	20.99	21.03		
10	16QAM	50	0	20.96	20.99	21.11		
10	64QAM	1	0	21.25	21.21	21.16	22	2
10	64QAM	1	25	21.07	21.16	21.14		
10	64QAM	1	49	21.06	21.05	21.11		
10	64QAM	25	0	20.10	20.15	19.94	21	3
10	64QAM	25	12	20.08	20.16	19.94		
10	64QAM	25	25	19.93	20.11	20.01		
10	64QAM	50	0	20.07	20.19	20.10		
10	256QAM	1	0	17.94	18.02	17.82	19	5
10	256QAM	1	25	17.83	17.85	17.69		
10	256QAM	1	49	17.76	17.75	17.73		
10	256QAM	25	0	17.77	17.87	17.76	19	5
10	256QAM	25	12	17.71	17.87	17.87		
10	256QAM	25	25	17.83	17.90	17.92		
10	256QAM	50	0	17.68	17.92	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.09	23.13	23.15	24	0
5	QPSK	1	12	23.02	22.99	22.87		
5	QPSK	1	24	22.89	23.17	22.85		
5	QPSK	12	0	22.25	22.31	22.11	23	1
5	QPSK	12	7	21.89	22.41	22.01		
5	QPSK	12	13	21.97	22.11	22.12		
5	QPSK	25	0	22.12	22.21	22.19		
5	16QAM	1	0	22.13	22.20	22.00	23	1
5	16QAM	1	12	21.97	22.07	22.13		
5	16QAM	1	24	22.05	22.17	21.98		
5	16QAM	12	0	20.96	20.99	21.08	22	2
5	16QAM	12	7	20.96	21.25	21.10		
5	16QAM	12	13	21.00	21.08	20.92		
5	16QAM	25	0	20.99	21.04	21.04		
5	64QAM	1	0	21.22	21.21	21.20	22	2
5	64QAM	1	12	20.95	21.17	21.03		
5	64QAM	1	24	21.12	21.16	21.22		
5	64QAM	12	0	19.99	20.08	19.97	21	3
5	64QAM	12	7	20.15	20.15	20.04		
5	64QAM	12	13	20.08	20.24	19.93		
5	64QAM	25	0	20.10	20.20	19.99		
5	256QAM	1	0	17.89	17.97	17.94	19	5
5	256QAM	1	12	17.80	17.81	17.81		
5	256QAM	1	24	17.87	17.78	17.83		
5	256QAM	12	0	17.79	17.84	17.85	19	5
5	256QAM	12	7	17.77	17.83	17.75		
5	256QAM	12	13	17.83	17.85	17.96		
5	256QAM	25	0	17.79	17.79	17.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.15	23.05	23.17	23.01	23.08	24	0
20	QPSK	1	49	22.99	22.97	23.05	23.02	22.99		
20	QPSK	1	99	22.98	22.96	23.01	22.93	22.95		
20	QPSK	50	0	22.22	22.26	22.39	22.21	22.30	23	1
20	QPSK	50	24	22.34	22.33	22.35	22.27	22.29		
20	QPSK	50	50	22.11	22.05	22.15	22.10	22.06		
20	QPSK	100	0	22.20	22.20	22.25	22.19	22.18		
20	16QAM	1	0	21.97	21.97	22.08	22.02	22.01	23	1
20	16QAM	1	49	21.94	22.00	22.03	21.96	22.00		
20	16QAM	1	99	22.01	21.95	22.05	21.98	22.01		
20	16QAM	50	0	21.00	21.01	21.04	21.00	20.99	22	2
20	16QAM	50	24	21.00	21.00	21.10	21.05	21.02		
20	16QAM	50	50	21.09	20.99	21.10	21.00	21.02		
20	16QAM	100	0	21.00	20.96	21.06	21.02	21.00		
20	64QAM	1	0	21.21	21.14	21.23	21.16	21.13	22	2
20	64QAM	1	49	21.09	21.08	21.12	21.05	21.07		
20	64QAM	1	99	21.01	21.07	21.11	21.06	21.04		
20	64QAM	50	0	20.01	20.02	20.08	20.00	19.99	21	3
20	64QAM	50	24	20.09	20.09	20.12	20.09	20.04		
20	64QAM	50	50	19.99	20.03	20.06	19.95	20.04		
20	64QAM	100	0	19.97	20.00	20.06	19.97	20.00		
20	256QAM	1	0	17.91	17.90	17.99	17.88	17.94	19	5
20	256QAM	1	49	17.87	17.85	17.88	17.86	17.79		
20	256QAM	1	99	17.85	17.79	17.88	17.79	17.82		
20	256QAM	50	0	17.86	17.85	17.89	17.83	17.87	19	5
20	256QAM	50	24	17.89	17.90	17.94	17.88	17.89		
20	256QAM	50	50	17.88	17.92	17.95	17.90	17.88		
20	256QAM	100	0	17.88	17.96	17.97	17.89	17.88		
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	23.07	22.94	22.99	22.84	22.98	24	0
15	QPSK	1	37	22.94	22.93	22.97	22.96	23.01		
15	QPSK	1	74	22.85	22.77	22.90	22.89	22.85		
15	QPSK	36	0	22.13	22.13	22.35	22.24	22.17	23	1
15	QPSK	36	20	22.11	22.12	22.21	22.05	22.27		
15	QPSK	36	39	22.05	21.96	22.12	22.06	21.97		
15	QPSK	75	0	22.18	22.10	22.22	21.99	22.16		
15	16QAM	1	0	21.95	21.90	21.89	22.02	22.01	23	1
15	16QAM	1	37	21.87	21.80	21.85	21.82	21.97		
15	16QAM	1	74	22.01	21.81	22.04	21.79	21.85		
15	16QAM	36	0	20.94	20.95	21.05	20.98	20.90	22	2
15	16QAM	36	20	20.93	20.99	21.02	20.89	21.03		
15	16QAM	36	39	21.02	21.00	21.01	20.91	20.86		
15	16QAM	75	0	20.89	20.95	21.05	20.84	20.80		
15	64QAM	1	0	21.17	21.12	21.18	20.99	21.00	22	2
15	64QAM	1	37	20.88	20.92	20.96	20.88	20.91		
15	64QAM	1	74	20.80	20.91	20.94	20.95	20.86		
15	64QAM	36	0	19.87	20.01	20.01	19.91	19.84	21	3
15	64QAM	36	20	19.92	19.99	19.96	20.11	19.89		
15	64QAM	36	39	19.98	20.04	20.08	19.80	19.86		
15	64QAM	75	0	19.77	19.86	19.87	19.92	19.90		
15	256QAM	1	0	17.70	17.85	17.99	17.70	17.88	19	5
15	256QAM	1	37	17.75	17.85	17.88	17.79	17.69		
15	256QAM	1	74	17.81	17.59	17.79	17.61	17.66		
15	256QAM	36	0	17.74	17.82	17.89	17.72	17.77	19	5
15	256QAM	36	20	17.87	17.82	17.91	17.74	17.84		
15	256QAM	36	39	17.86	17.73	17.80	17.77	17.75		
15	256QAM	75	0	17.66	17.78	17.76	17.90	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.09	22.93	23.10	22.85	22.98	24	0
10	QPSK	1	25	22.79	22.86	23.01	23.01	22.79		
10	QPSK	1	49	22.94	22.93	23.02	22.88	22.79		
10	QPSK	25	0	22.16	22.16	22.20	22.28	22.20	23	1
10	QPSK	25	12	22.20	22.15	22.37	22.20	22.16		
10	QPSK	25	25	22.02	21.85	21.93	21.93	22.02		
10	QPSK	50	0	22.15	22.22	22.08	22.03	21.96		
10	16QAM	1	0	21.77	21.97	22.04	21.88	21.85	23	1
10	16QAM	1	25	21.84	21.81	21.87	21.80	22.02		
10	16QAM	1	49	21.88	21.95	22.05	21.97	21.97		
10	16QAM	25	0	20.96	20.98	20.95	20.89	20.84	22	2
10	16QAM	25	12	20.98	20.95	21.10	21.02	21.01		
10	16QAM	25	25	20.97	20.82	20.99	20.90	20.87		
10	16QAM	50	0	20.97	20.82	21.08	20.84	21.01		
10	64QAM	1	0	21.19	20.95	21.10	21.04	20.97	22	2
10	64QAM	1	25	20.87	20.96	20.95	20.84	20.91		
10	64QAM	1	49	20.81	21.06	21.10	21.06	20.98		
10	64QAM	25	0	20.00	19.95	20.01	19.88	19.77	21	3
10	64QAM	25	12	20.06	20.11	19.93	19.89	20.00		
10	64QAM	25	25	19.83	19.97	19.85	19.94	19.91		
10	64QAM	50	0	19.96	19.82	19.94	19.81	19.96		
10	256QAM	1	0	17.75	17.80	17.80	17.73	17.75	19	5
10	256QAM	1	25	17.70	17.76	17.87	17.72	17.73		
10	256QAM	1	49	17.72	17.70	17.84	17.76	17.60		
10	256QAM	25	0	17.74	17.71	17.70	17.80	17.89	19	5
10	256QAM	25	12	17.77	17.89	17.90	17.82	17.85		
10	256QAM	25	25	17.75	17.74	17.85	17.88	17.86		
10	256QAM	50	0	17.85	17.81	17.93	17.86	17.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2408.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.03	22.94	22.95	22.80	23.05	24	0
5	QPSK	1	12	22.78	22.80	22.84	22.98	22.99		
5	QPSK	1	24	22.90	22.90	22.99	22.73	22.84		
5	QPSK	12	0	22.27	22.29	22.30	22.16	22.28	23	1
5	QPSK	12	7	22.03	22.20	22.19	22.10	22.31		
5	QPSK	12	13	21.96	21.88	22.10	21.91	21.92		
5	QPSK	25	0	22.06	22.07	22.09	21.99	22.18		
5	16QAM	1	0	21.77	21.88	21.87	21.98	21.94	23	1
5	16QAM	1	12	21.87	21.88	21.84	21.96	21.85		
5	16QAM	1	24	21.93	21.76	22.03	21.77	21.85		
5	16QAM	12	0	20.87	20.93	21.00	20.98	20.91	22	2
5	16QAM	12	7	20.87	20.81	20.92	20.88	20.97		
5	16QAM	12	13	20.92	21.01	21.04	20.99	21.00		
5	16QAM	25	0	20.88	20.81	20.86	20.99	20.83		
5	64QAM	1	0	21.03	21.12	21.11	21.00	20.96	22	2
5	64QAM	1	12	20.93	21.06	20.95	21.06	20.99		
5	64QAM	1	24	20.81	20.95	20.92	20.96	20.90		
5	64QAM	12	0	19.97	19.90	20.08	20.00	19.89	21	3
5	64QAM	12	7	19.90	19.95	20.08	20.06	19.83		
5	64QAM	12	13	19.87	19.85	20.04	19.77	20.00		
5	64QAM	25	0	19.95	19.82	19.91	19.88	19.96		
5	256QAM	1	0	17.71	17.82	17.87	17.86	17.82	19	5
5	256QAM	1	12	17.81	17.84	17.73	17.70	17.68		
5	256QAM	1	24	17.70	17.58	17.67	17.62	17.65		
5	256QAM	12	0	17.65	17.70	17.86	17.79	17.80	19	5
5	256QAM	12	7	17.80	17.74	17.84	17.73	17.68		
5	256QAM	12	13	17.72	17.91	17.81	17.68	17.84		
5	256QAM	25	0	17.81	17.78	17.85	17.82	17.80		

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BW [MHz]	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	22.41	22.49	22.43		
20	QPSK	1	49	22.27	22.35	22.33	24	0
20	QPSK	1	99	22.38	22.39	22.35		
20	QPSK	50	0	21.36	21.42	21.34		
20	QPSK	50	24	21.34	21.58	21.32	23	1
20	QPSK	50	50	21.30	21.39	21.36		
20	QPSK	100	0	21.26	21.35	21.28		
20	16QAM	1	0	21.37	21.44	21.33		
20	16QAM	1	49	21.29	21.39	21.31	23	1
20	16QAM	1	99	21.27	21.33	21.29		
20	16QAM	50	0	20.43	20.48	20.39		
20	16QAM	50	24	20.38	20.43	20.38	22	2
20	16QAM	50	50	20.39	20.43	20.34		
20	16QAM	100	0	20.40	20.43	20.36		
20	64QAM	1	0	20.32	20.39	20.31		
20	64QAM	1	49	20.41	20.49	20.43	22	2
20	64QAM	1	99	20.44	20.47	20.44		
20	64QAM	50	0	19.34	19.40	19.29		
20	64QAM	50	24	19.32	19.41	19.40	21	3
20	64QAM	50	50	19.35	19.42	19.40		
20	64QAM	100	0	19.43	19.47	19.41		
20	256QAM	1	0	17.50	17.59	17.50		
20	256QAM	1	49	17.47	17.57	17.56	19	5
20	256QAM	1	99	17.48	17.49	17.41		
20	256QAM	50	0	17.43	17.52	17.48		
20	256QAM	50	24	17.44	17.50	17.44	19	5
20	256QAM	50	50	17.48	17.56	17.46		
20	256QAM	100	0	17.53	17.58	17.54		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.34	22.46	22.36		
15	QPSK	1	37	22.25	22.33	22.30	24	0
15	QPSK	1	74	22.28	22.29	22.26		
15	QPSK	36	0	21.32	21.40	21.30		
15	QPSK	36	20	21.29	21.38	21.30	23	1
15	QPSK	36	39	21.28	21.35	21.34		
15	QPSK	75	0	21.17	21.27	21.26		
15	16QAM	1	0	21.35	21.34	21.25		
15	16QAM	1	37	21.27	21.35	21.22	23	1
15	16QAM	1	74	21.20	21.24	21.22		
15	16QAM	36	0	20.34	20.41	20.35		
15	16QAM	36	20	20.33	20.34	20.33	22	2
15	16QAM	36	39	20.36	20.37	20.24		
15	16QAM	75	0	20.32	20.37	20.34		
15	64QAM	1	0	20.29	20.29	20.23		
15	64QAM	1	37	20.37	20.48	20.36	22	2
15	64QAM	1	74	20.42	20.42	20.39		
15	64QAM	36	0	19.23	19.30	19.20		
15	64QAM	36	20	19.28	19.33	19.32	21	3
15	64QAM	36	39	19.30	19.32	19.31		
15	64QAM	75	0	19.33	19.41	19.30		
15	256QAM	1	0	17.48	17.55	17.40		
15	256QAM	1	37	17.42	17.54	17.55	19	5
15	256QAM	1	74	17.36	17.39	17.32		
15	256QAM	36	0	17.37	17.46	17.38		
15	256QAM	36	20	17.38	17.43	17.43	19	5
15	256QAM	36	39	17.43	17.45	17.39		
15	256QAM	75	0	17.51	17.48	17.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.39	22.46	22.37		
10	QPSK	1	25	22.22	22.28	22.29	24	0
10	QPSK	1	49	22.34	22.35	22.28		
10	QPSK	25	0	21.35	21.41	21.23		
10	QPSK	25	12	21.27	21.37	21.27	23	1
10	QPSK	25	25	21.24	21.31	21.28		
10	QPSK	50	0	21.18	21.30	21.18		
10	16QAM	1	0	21.36	21.42	21.25		
10	16QAM	1	25	21.19	21.33	21.28	23	1
10	16QAM	1	49	21.17	21.26	21.26		
10	16QAM	25	0	20.34	20.47	20.36		
10	16QAM	25	12	20.27	20.41	20.34	22	2
10	16QAM	25	25	20.35	20.34	20.32		
10	16QAM	50	0	20.31	20.32	20.25		
10	64QAM	1	0	20.29	20.38	20.27		
10	64QAM	1	25	20.33	20.39	20.41	22	2
10	64QAM	1	49	20.37	20.46	20.36		
10	64QAM	25	0	19.33	19.33	19.24		
10	64QAM	25	12	19.21	19.39	19.32	21	3
10	64QAM	25	25	19.28	19.39	19.39		
10	64QAM	50	0	19.39	19.40	19.30		
10	256QAM	1	0	17.46	17.54	17.45		
10	256QAM	1	25	17.44	17.48	17.47	19	5
10	256QAM	1	49	17.37	17.40	17.36		
10	256QAM	25	0	17.36	17.44	17.41		
10	256QAM	25	12	17.38	17.40	17.40	19	5
10	256QAM	25	25	17.41	17.47	17.40		
10	256QAM	50	0	17.43	17.51	17.51		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.31	22.45	22.33		
5	QPSK	1	12	22.21	22.30	22.22	24	0
5	QPSK	1	24	22.36	22.32	22.29		
5	QPSK	12	0	21.30	21.38	21.30		
5	QPSK	12	7	21.25	21.31	21.22	23	1
5	QPSK	12	13	21.27	21.34	21.35		
5	QPSK	25	0	21.16	21.34	21.17		
5	16QAM	1	0	21.28	21.40	21.24		
5	16QAM	1	12	21.19	21.30	21.21	23	1
5	16QAM	1	24	21.18	21.28	21.23		
5	16QAM	12	0	20.41	20.46	20.32		
5	16QAM	12	7	20.36	20.32	20.36	22	2
5	16QAM	12	13	20.31	20.40	20.30		
5	16QAM	25	0	20.36	20.42	20.29		
5	64QAM	1	0	20.26	20.29	20.23		
5	64QAM	1	12	20.36	20.43	20.35	22	2
5	64QAM	1	24	20.34	20.39	20.42		
5	64QAM	12	0	19.31	19.31	19.21		
5	64QAM	12	7	19.28	19.36	19.38	21	3
5	64QAM	12	13	19.25	19.34	19.31		
5	64QAM	25	0	19.39	19.41	19.37		
5	256QAM	1	0	17.44	17.56	17.48		
5	256QAM	1	12	17.44	17.49	17.48	19	5
5	256QAM	1	24	17.43	17.45	17.40		
5	256QAM	12	0	17.39	17.50	17.36		
5	256QAM	12	7	17.40	17.41	17.35	19	5
5	256QAM	12	13	17.41	17.48	17.41		
5	256QAM	25	0	17.51	17.51	17.52		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.36	22.38	22.37		
3	QPSK	1	8	22.19	22.34	22.32	24	0
3	QPSK	1	14	22.31	22.37	22.26		
3	QPSK	8	0	21.27	21.34	21.30		
3	QPSK	8	4	21.27	21.30	21.24	23	1
3	QPSK	8	7	21.22	21.37	21.26		
3	QPSK	15	0	21.17	21.26	21.27		
3	16QAM	1	0	21.31	21.35	21.31		
3	16QAM	1	8	21.26	21.30	21.27	23	1
3	16QAM	1	14	21.19	21.26	21.25		
3	16QAM	8	0	20.39	20.39	20.38		
3	16QAM	8	4	20.28	20.35	20.35	22	2
3	16QAM	8	7	20.30	20.37	20.32		
3	16QAM	15	0	20.30	20.41	20.29		
3	64QAM	1	0	20.23	20.36	20.24		
3	64QAM	1	8	20.36	20.40	20.35	22	2
3	64QAM	1	14	20.39	20.45	20.34		
3	64QAM	8	0	19.25	19.33	19.20		
3	64QAM	8	4	19.24	19.39	19.34	21	3
3	64QAM	8	7	19.33	19.34	19.31		
3	64QAM	15	0	19.40	19.37	19.35		
3	256QAM	1	0	17.48	17.48	17.40		
3	256QAM	1	8	17.42	17.51	17.51	19	5
3	256QAM	1	14	17.40	17.46	17.36		
3	256QAM	8	0	17.41	17.47	17.45		
3	256QAM	8	4	17.42	17.47	17.40	19	5
3	256QAM	8	7	17.43	17.47	17.38		
3	256QAM	15	0	17.48	17.57	17.46		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.33	22.39	22.35		
1.4	QPSK	1	3	22.17	22.32	22.27		
1.4	QPSK	1	5	22.30	22.32	22.26	24	0
1.4	QPSK	3	0	22.39	22.46	22.35		
1.4	QPSK	3	1	22.20	22.26	22.28		
1.4	QPSK	3	3	22.29	22.36	22.24		
1.4	QPSK	6	0	21.20	21.25	21.21	23	1
1.4	16QAM	1	0	21.33	21.37	21.23		
1.4	16QAM	1	3	21.22	21.36	21.22		
1.4	16QAM	1	5	21.20	21.25	21.23	23	1
1.4	16QAM	3	0	21.23	21.31	21.19		
1.4	16QAM	3	1	21.32	21.42	21.31		
1.4	16QAM	3	3	21.27	21.30	21.23		
1.4	16QAM	6	0	20.34	20.32	20.26	22	2
1.4	64QAM	1	0	20.23	20.28	20.26		
1.4	64QAM	1	3	20.30	20.42	20.32		
1.4	64QAM	1	5	20.39	20.41	20.40	22	2
1.4	64QAM	3	0	20.32	20.33	20.26		
1.4	64QAM	3	1	20.37	20.35	20.35		
1.4	64QAM	3	3	20.22	20.37	20.28		
1.4	64QAM	6	0	19.40	19.37	19.34	21	3
1.4	256QAM	1	0	17.41	17.57	17.40		
1.4	256QAM	1	3	17.43	17.53	17.46		
1.4	256QAM	1	5	17.39	17.44	17.38	19	5
1.4	256QAM	3	0	17.38	17.49	17.44		
1.4	256QAM	3	1	17.39	17.49	17.36		
1.4	256QAM	3	3	17.46	17.52	17.37		
1.4	256QAM	6	0	17.42	17.50	17.44	19	5

Band 7 Ant1 Main PA Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.23	23.25	23.15		
20	QPSK	1	49	23.16	23.21	23.15	24.5	0
20	QPSK	1	99	23.06	23.15	23.05		
20	QPSK	50	0	22.00	22.20	22.07		
20	QPSK	50	24	22.16	22.21	22.12	23.5	1
20	QPSK	50	50	22.11	22.15	22.05		
20	QPSK	100	0	22.08	22.11	22.07		
20	16QAM	1	0	22.45	22.51	22.43		
20	16QAM	1	49	22.38	22.46	22.38	23.5	1
20	16QAM	1	99	22.44	22.48	22.46		
20	16QAM	50	0	21.52	21.56	21.47		
20	16QAM	50	24	21.48	21.52	21.44	22.5	2
20	16QAM	50	50	21.51	21.56	21.49		
20	16QAM	100	0	21.43	21.50	21.40		
20	64QAM	1	0	21.16	21.26	21.18		
20	64QAM	1	49	21.16	21.22	21.18	22.5	2
20	64QAM	1	99	21.15	21.21	21.15		
20	64QAM	50	0	20.10	20.21	20.14		
20	64QAM	50	24	20.24	20.27	20.16	21.5	3
20	64QAM	50	50	20.12	20.21	20.12		
20	64QAM	100	0	20.13	20.24	20.14		
20	256QAM	1	0	18.28	18.36	18.28		
20	256QAM	1	49	18.13	18.21	18.14	19.5	5
20	256QAM	1	99	18.24	18.28	18.19		
20	256QAM	50	0	18.21	18.23	18.20		
20	256QAM	50	24	18.21	18.24	18.23	19.5	5
20	256QAM	50	50	18.22	18.25	18.22		
20	256QAM	100	0	18.23	18.26	18.17		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.21	23.16	23.12		
15	QPSK	1	37	23.13	23.19	23.05	24.5	0
15	QPSK	1	74	23.01	23.10	23.04		
15	QPSK	36	0	22.12	22.15	22.10		
15	QPSK	36	20	21.92	22.05	22.01	23.5	1
15	QPSK	36	39	22.08	22.08	21.95		
15	QPSK	75	0	21.99	22.10	22.04		
15	16QAM	1	0	22.37	22.49	22.33		
15	16QAM	1	37	22.32	22.39	22.36	23.5	1
15	16QAM	1	74	22.40	22.39	22.43		
15	16QAM	36	0	21.46	21.46	21.46		
15	16QAM	36	20	21.41	21.44	21.39	22.5	2
15	16QAM	36	39	21.41	21.51	21.40		
15	16QAM	75	0	21.37	21.43	21.35		
15	64QAM	1	0	21.06	21.17	21.12		
15	64QAM	1	37	21.14	21.13	21.11	22.5	2
15	64QAM	1	74	21.08	21.14	21.08		
15	64QAM	36	0	20.04	20.12	20.11		
15	64QAM	36	20	20.21	20.23	20.08	21.5	3
15	64QAM	36	39	20.03	20.10	20.09		
15	64QAM	75	0	20.11	20.14	20.06		
15	256QAM	1	0	18.27	18.29	18.20		
15	256QAM	1	37	18.11	18.12	18.11	19.5	5
15	256QAM	1	74	18.14	18.21	18.16		
15	256QAM	36	0	18.16	18.18	18.16		
15	256QAM	36	20	18.10	18.16	18.16	19.5	5
15	256QAM	36	39	18.18	18.16	18.16		
15	256QAM	75	0	18.17	18.22	18.12		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.20	23.15	23.13		
10	QPSK	1	25	23.10	23.15	23.12	24.5	0
10	QPSK	1	49	22.98	23.04	22.99		
10	QPSK	25	0	22.15	22.12	22.08		
10	QPSK	25	12	21.93	22.03	22.02	23.5	1
10	QPSK	25	25	22.01	22.11	22.03		
10	QPSK	50	0	22.03	22.02	21.96		
10	16QAM	1	0	22.40	22.48	22.34		
10	16QAM	1	25	22.30	22.37	22.32	23.5	1
10	16QAM	1	49	22.39	22.40	22.38		
10	16QAM	25	0	21.46	21.47	21.42		
10	16QAM	25	12	21.46	21.51	21.39	22.5	2
10	16QAM	25	25	21.50	21.49	21.43		
10	16QAM	50	0	21.32	21.43	21.34		
10	64QAM	1	0	21.06	21.20	21.14		
10	64QAM	1	25	21.09	21.11	21.14	22.5	2
10	64QAM	1	49	21.10	21.14	21.08		
10	64QAM	25	0	20.06	20.17	20.04		
10	64QAM	25	12	20.15	20.25	20.15	21.5	3
10	64QAM	25	25	20.05	20.18	20.03		
10	64QAM	50	0	20.11	20.18	20.09		
10	256QAM	1	0	18.25	18.26	18.20		
10	256QAM	1	25	18.06	18.18	18.03	19.5	5
10	256QAM	1	49	18.19	18.22	18.12		
10	256QAM	25	0	18.15	18.22	18.19		
10	256QAM	25	12	18.13	18.16	18.20	19.5	5
10	256QAM	25	25	18.17	18.15	18.19		
10	256QAM	50	0	18.14	18.17	18.12		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.16	23.23	23.08		
5	QPSK	1	12	23.05	23.14	23.12	24.5	0
5	QPSK	1	24	22.98	23.08	22.95		
5	QPSK	12	0	22.06	22.16	22.05		
5	QPSK	12	7	21.92	22.04	22.04	23.5	1
5	QPSK	12	13	22.00	22.05	21.95		
5	QPSK	25	0	21.97	22.05	22.00		
5	16QAM	1	0	22.43	22.43	22.35		
5	16QAM	1	12	22.33	22.43	22.29	23.5	1
5	16QAM	1	24	22.34	22.43	22.35		
5	16QAM	12	0	21.51	21.52	21.45		
5	16QAM	12	7	21.39	21.47	21.34	22.5	2
5	16QAM	12	13	21.44	21.50	21.40		
5	16QAM	25	0	21.40	21.46	21.32		
5	64QAM	1	0	21.07	21.16	21.12		
5	64QAM	1	12	21.12	21.17	21.15	22.5	2
5	64QAM	1	24	21.12	21.18	21.11		
5	64QAM	12	0	20.08	20.12	20.09		
5	64QAM	12	7	20.22	20.21	20.07	21.5	3
5	64QAM	12	13	20.01	20.17	20.03		
5	64QAM	25	0	20.07	20.21	20.07		
5	256QAM	1	0	18.26	18.35	18.18		
5	256QAM	1	12	18.07	18.17	18.05	19.5	5
5	256QAM	1	24	18.15	18.17	18.08		
5	256QAM	12	0	18.18	18.20	18.17		
5	256QAM	12	7	18.18	18.15	18.14	19.5	5
5	256QAM	12	13	18.12	18.24	18.20		
5	256QAM	25	0	18.16	18.23	18.08		

Band 66 Ant1 Other PA Default

BW [MHz]	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	25.38	25.41	25.31		
20	QPSK	1	49	25.31	25.33	25.25	25.7	0
20	QPSK	1	99	25.24	25.31	25.21		
20	QPSK	50	0	24.29	24.45	24.29		
20	QPSK	50	24	24.31	24.39	24.37	24.7	1
20	QPSK	50	50	24.33	24.35	24.31		
20	QPSK	100	0	24.22	24.33	24.26		
20	16QAM	1	0	24.14	24.19	24.09		
20	16QAM	1	49	24.17	24.25	24.18	24.7	1
20	16QAM	1	99	24.22	24.32	24.30		
20	16QAM	50	0	23.27	23.30	23.20		
20	16QAM	50	24	23.25	23.34	23.26	23.7	2
20	16QAM	50	50	23.27	23.32	23.28		
20	16QAM	100	0	23.33	23.35	23.29		
20	64QAM	1	0	23.24	23.32	23.26		
20	64QAM	1	49	23.26	23.28	23.18	23.7	2
20	64QAM	1	99	23.28	23.33	23.31		
20	64QAM	50	0	22.23	22.30	22.20		
20	64QAM	50	24	22.35	22.36	22.33	22.7	3
20	64QAM	50	50	22.29	22.35	22.32		
20	64QAM	100	0	22.26	22.34	22.24		
20	256QAM	1	0	20.09	20.10	20.07		
20	256QAM	1	49	19.92	20.02	19.91	20.7	5
20	256QAM	1	99	19.96	20.04	20.03		
20	256QAM	50	0	19.96	20.04	20.01		
20	256QAM	50	24	20.06	20.07	20.03	20.7	5
20	256QAM	50	50	19.99	20.06	20.02		
20	256QAM	100	0	19.97	20.04	19.97		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	25.32	25.31	25.28		
15	QPSK	1	37	25.24	25.29	25.18	25.7	0
15	QPSK	1	74	25.19	25.28	25.10		
15	QPSK	36	0	24.27	24.30	24.36		
15	QPSK	36	20	24.23	24.25	24.24	24.7	1
15	QPSK	36	39	24.26	24.30	24.23		
15	QPSK	75	0	24.12	24.26	24.23		
15	16QAM	1	0	24.05	24.13	24.02		
15	16QAM	1	37	24.08	24.19	24.13	24.7	1
15	16QAM	1	74	24.13	24.26	24.20		
15	16QAM	36	0	23.24	23.28	23.09		
15	16QAM	36	20	23.22	23.26	23.19	23.7	2
15	16QAM	36	39	23.16	23.22	23.22		
15	16QAM	75	0	23.27	23.25	23.22		
15	64QAM	1	0	23.14	23.27	23.21		
15	64QAM	1	37	23.22	23.23	23.11	23.7	2
15	64QAM	1	74	23.18	23.23	23.26		
15	64QAM	36	0	22.14	22.22	22.12		
15	64QAM	36	20	22.33	22.35	22.25	22.7	3
15	64QAM	36	39	22.20	22.28	22.22		
15	64QAM	75	0	22.20	22.28	22.13		
15	256QAM	1	0	19.98	20.09	20.00		
15	256QAM	1	37	19.88	19.93	19.81	20.7	5
15	256QAM	1	74	19.91	19.94	19.93		
15	256QAM	36	0	19.86	20.00	19.98		
15	256QAM	36	20	20.04	20.03	19.95	20.7	5
15	256QAM	36	39	19.98	19.97	19.95		
15	256QAM	75	0	19.93	19.97	19.96		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	25.34	25.31	25.20		
10	QPSK	1	25	25.26	25.32	25.14	25.7	0
10	QPSK	1	49	25.22	25.21	25.19		
10	QPSK	25	0	24.28	24.35	24.36		
10	QPSK	25	12	24.22	24.29	24.25	24.7	1
10	QPSK	25	25	24.29	24.29	24.27		
10	QPSK	50	0	24.11	24.20	24.17		
10	16QAM	1	0	24.05	24.17	24.00		
10	16QAM	1	25	24.07	24.16	24.15	24.7	1
10	16QAM	1	49	24.12	24.27	24.20		
10	16QAM	25	0	23.17	23.27	23.12		
10	16QAM	25	12	23.23	23.31	23.19	23.7	2
10	16QAM	25	25	23.25	23.30	23.

Band 38 Ant1 Main PA Default

BW [MHz]	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	23.05	23.20	23.01	24	0
20	QPSK	1	49	23.04	23.11	23.06		
20	QPSK	1	99	22.98	23.05	22.97		
20	QPSK	50	0	22.01	22.16	22.07	23	1
20	QPSK	50	24	22.11	22.15	22.14		
20	QPSK	50	50	22.01	22.10	22.08		
20	QPSK	100	0	22.05	22.13	22.04		
20	16QAM	1	0	22.26	22.29	22.24	23	1
20	16QAM	1	49	22.22	22.27	22.21		
20	16QAM	1	99	22.17	22.19	22.16		
20	16QAM	50	0	21.06	21.08	21.05	22	2
20	16QAM	50	24	21.02	21.11	21.03		
20	16QAM	50	50	21.03	21.06	21.02		
20	16QAM	100	0	21.05	21.13	21.08		
20	64QAM	1	0	21.04	21.14	21.12	22	2
20	64QAM	1	49	21.00	21.06	20.97		
20	64QAM	1	99	20.93	21.04	20.97		
20	64QAM	50	0	20.08	20.19	20.12	21	3
20	64QAM	50	24	20.03	20.12	20.06		
20	64QAM	50	50	20.11	20.17	20.09		
20	64QAM	100	0	20.10	20.16	20.10		
20	256QAM	1	0	18.28	18.31	18.26	19	5
20	256QAM	1	49	18.15	18.23	18.19		
20	256QAM	1	99	18.23	18.26	18.17		
20	256QAM	50	0	18.19	18.29	18.26	19	5
20	256QAM	50	24	18.15	18.24	18.14		
20	256QAM	50	50	18.14	18.21	18.15		
20	256QAM	100	0	18.14	18.21	18.19		
Channel				37625	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.94	23.13	22.96	24	0
15	QPSK	1	37	23.02	23.02	23.04		
15	QPSK	1	74	22.95	22.95	22.89		
15	QPSK	36	0	22.10	22.12	22.04	23	1
15	QPSK	36	20	21.97	22.04	21.98		
15	QPSK	36	39	21.96	22.08	22.06		
15	QPSK	75	0	22.02	22.03	22.00		
15	16QAM	1	0	22.25	22.20	22.20	23	1
15	16QAM	1	37	22.17	22.20	22.15		
15	16QAM	1	74	22.09	22.18	22.15		
15	16QAM	36	0	20.95	20.99	21.00	22	2
15	16QAM	36	20	20.99	21.07	20.94		
15	16QAM	36	39	20.98	21.04	21.01		
15	16QAM	75	0	21.02	21.02	20.99		
15	64QAM	1	0	20.94	21.09	21.10	22	2
15	64QAM	1	37	20.91	21.00	20.88		
15	64QAM	1	74	20.87	20.96	20.91		
15	64QAM	36	0	20.01	20.14	20.03	21	3
15	64QAM	36	20	19.95	20.02	19.97		
15	64QAM	36	39	20.05	20.13	20.01		
15	64QAM	75	0	20.01	20.13	20.03		
15	256QAM	1	0	18.23	18.24	18.22	19	5
15	256QAM	1	37	18.11	18.20	18.13		
15	256QAM	1	74	18.17	18.17	18.12		
15	256QAM	36	0	18.14	18.27	18.19	19	5
15	256QAM	36	20	18.11	18.18	18.08		
15	256QAM	36	39	18.09	18.10	18.05		
15	256QAM	75	0	18.03	18.10	18.17		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.98	23.19	22.90	24	0
10	QPSK	1	25	22.99	23.05	22.96		
10	QPSK	1	49	22.89	23.02	22.94		
10	QPSK	25	0	22.09	22.10	22.10	23	1
10	QPSK	25	12	21.94	21.99	22.06		
10	QPSK	25	25	21.98	22.02	22.04		
10	QPSK	50	0	22.01	22.08	21.95		
10	16QAM	1	0	22.18	22.24	22.21	23	1
10	16QAM	1	25	22.14	22.23	22.20		
10	16QAM	1	49	22.07	22.13	22.05		
10	16QAM	25	0	20.97	21.00	21.02	22	2
10	16QAM	25	12	20.93	21.03	20.98		
10	16QAM	25	25	20.97	21.04	20.93		
10	16QAM	50	0	21.03	21.11	21.04		
10	64QAM	1	0	20.99	21.11	21.09	22	2
10	64QAM	1	25	20.92	21.01	20.89		
10	64QAM	1	49	20.85	20.99	20.86		
10	64QAM	25	0	20.05	20.18	20.09	21	3
10	64QAM	25	12	19.95	20.02	20.02		
10	64QAM	25	25	20.04	20.09	20.04		
10	64QAM	50	0	20.03	20.09	20.01		
10	256QAM	1	0	18.25	18.21	18.15	19	5
10	256QAM	1	25	18.05	18.20	18.13		
10	256QAM	1	49	18.15	18.22	18.09		
10	256QAM	25	0	18.08	18.22	18.23	19	5
10	256QAM	25	12	18.13	18.15	18.06		
10	256QAM	25	25	18.05	18.11	18.06		
10	256QAM	50	0	18.09	18.19	18.18		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.95	23.11	22.99	24	0
5	QPSK	1	12	22.99	23.09	23.01		
5	QPSK	1	24	22.96	23.01	22.87		
5	QPSK	12	0	22.04	22.10	22.08	23	1
5	QPSK	12	7	21.96	22.07	21.97		
5	QPSK	12	13	21.99	22.00	22.01		
5	QPSK	25	0	22.02	22.12	21.95		
5	16QAM	1	0	22.18	22.25	22.22	23	1
5	16QAM	1	12	22.19	22.25	22.11		
5	16QAM	1	24	22.14	22.08	22.05		
5	16QAM	12	0	21.01	21.02	21.02	22	2
5	16QAM	12	7	20.93	21.07	20.94		
5	16QAM	12	13	21.01	21.02	21.00		
5	16QAM	25	0	20.97	21.09	21.01		
5	64QAM	1	0	21.01	21.07	21.11	22	2
5	64QAM	1	12	20.93	20.97	20.87		
5	64QAM	1	24	20.89	21.02	20.91		
5	64QAM	12	0	20.06	20.11	20.03	21	3
5	64QAM	12	7	19.93	20.02	20.05		
5	64QAM	12	13	20.02	20.07	20.04		
5	64QAM	25	0	20.03	20.10	20.03		
5	256QAM	1	0	18.26	18.22	18.24	19	5
5	256QAM	1	12	18.09	18.17	18.10		
5	256QAM	1	24	18.18	18.23	18.14		
5	256QAM	12	0	18.11	18.27	18.25	19	5
5	256QAM	12	7	18.10	18.16	18.10		
5	256QAM	12	13	18.09	18.17	18.07		
5	256QAM	25	0	18.10	18.18	18.13		

Band 41 Ant1 Main PA 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	23.08	23.05	23.13	23.06	23.01	24	0
20	QPSK	1	49	23.02	22.99	23.05	23.02	23.01		
20	QPSK	1	99	22.99	22.97	23.01	22.91	22.92		
20	QPSK	50	0	21.91	21.92	22.19	21.97	21.99	23	1
20	QPSK	50	24	22.12	22.09	22.13	22.11	22.03		
20	QPSK	50	50	22.02	22.00	22.03	21.96	22.01		
20	QPSK	100	0	22.04	22.05	22.10	22.05	22.08		
20	16QAM	1	0	22.10	22.13	22.20	22.12	22.19	23	1
20	16QAM	1	49	22.12	22.07	22.16	22.07	22.14		
20	16QAM	1	99	22.02	22.07	22.09	22.05	22.05		
20	16QAM	50	0	20.87	20.85	20.89	20.85	20.81	22	2
20	16QAM	50	24	20.93	20.86	20.94	20.87	20.91		
20	16QAM	50	50	20.89	20.93	20.94	20.91	20.90		
20	16QAM	100	0	20.85	20.86	20.91	20.85	20.82		
20	64QAM	1	0	20.93	20.89	20.99	20.91	20.89	22	2
20	64QAM	1	49	20.87	20.82	20.91	20.80	20.87		
20	64QAM	1	99	20.88	20.90	20.94	20.83	20.83		
20	64QAM	50	0	19.96	19.92	20.03	19.93	19.97	21	3
20	64QAM	50	24	19.88	19.90	19.99	19.93	19.95		
20	64QAM	50	50	19.95	19.93	19.99	19.97	19.94		
20	64QAM	100	0	19.91	19.96	19.99	19.93	19.93		
20	256QAM	1	0	18.23	18.18	18.25	18.22	18.18	19	5
20	256QAM	1	49	18.22	18.17	18.24	18.22	18.19		
20	256QAM	1	99	18.16	18.18	18.19	18.08	18.17		
20	256QAM	50	0	18.06	18.06	18.16	18.09	18.08	19	5
20	256QAM	50	24	18.17	18.09	18.20	18.17	18.10		
20	256QAM	50	50	18.19	18.16	18.23	18.15	18.20		
20	256QAM	100	0	18.22	18.19	18.24	18.15	18.20		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.06	23.02	23.09	23.04	22.95	24	0
15	QPSK	1	37	22.93	22.96	22.95	22.93	22.92		
15	QPSK	1	74	22.96	22.88	22.92	22.80	22.86		
15	QPSK	36	0	22.03	22.07	22.11	22.08	21.99	23	1
15	QPSK	36	20	21.84	21.86	21.97	21.86	21.89		
15	QPSK	36	39	21.91	21.95	21.90	21.93	21.98		
15	QPSK	75	0	21.96	21.95	22.07	21.97	21.97		
15	16QAM	1	0	22.01	22.07	22.11	22.10	22.09	23	1
15	16QAM	1	37	22.03	22.01	22.06	22.06	22.06		
15	16QAM	1	74	21.94	22.06	22.07	21.98	21.96		
15	16QAM	36	0	20.77	20.77	20.78	20.82	20.70	22	2
15	16QAM	36	20	20.84	20.80	20.92	20.81	20.88		
15	16QAM	36	39	20.85	20.87	20.92	20.81	20.83		
15	16QAM	75	0	20.80	20.80	20.83	20.78	20.72		
15	64QAM	1	0	20.88	20.84	20.93	20.84	20.84	22	2
15	64QAM	1	37	20.80	20.73	20.80	20.73	20.77		
15	64QAM	1	74	20.81	20.89	20.90	20.76	20.78		
15	64QAM	36	0	19.86	19.86	20.00	19.83	19.91	21	3
15	64QAM	36	20	19.78	19.88	19.91	19.90	19.87		
15	64QAM	36	39	19.92	19.85	19.90	19.92	19.87		
15	64QAM	75	0	19.83	19.94	19.96	19.89	19.88		
15	256QAM	1	0	18.17	18.16	18.14	18.17	18.14	19	5
15	256QAM	1	37	18.14	18.11	18.23	18.16	18.14		
15	256QAM	1	74	18.10	18.09	18.13	18.04	18.13		
15	256QAM	36	0	17.95	17.99	18.12	18.01	18.04	19	5
15	256QAM	36	20	18.15	18.03	18.16	18.09	18.03		
15	256QAM	36	39	18.15	18.12	18.13	18.08	18.18		
15	256QAM	75	0	18.17	18.08	18.19	18.11	18.17		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.01	22.97	23.06	23.02	22.98	24	0
10	QPSK	1	25	22.93	22.94	23.01	23.01	22.95		
10	QPSK	1	49	22.94	22.94	22.96	22.88	22.83		
10	QPSK	25	0	22.11	21.99	22.11	22.08	21.98	23	1
10	QPSK	25	12	21.87	21.81	21.93	21.95	21.90		
10	QPSK	25	25	21.93	21.99	21.93	21.91	21.92		
10	QPSK	50	0	21.99	22.02	22.02	21.98	21.99	23	1
10	16QAM	1	0	22.08	22.03	22.13	22.09	22.09		
10	16QAM	1	25	22.07	22.06	22.08	22.02	22.09		
10	16QAM	1	49	21.98	21.97	22.05	22.00	21.98		
10	16QAM	25	0	20.81	20.78	20.85	20.82	20.78	22	2
10	16QAM	25	12	20.88	20.81	20.84	20.78	20.88		
10	16QAM	25	25	20.82	20.90	20.92	20.82	20.88		
10	16QAM	50	0	20.74	20.82	20.89	20.80	20.75		
10	64QAM	1	0	20.88	20.87	20.91	20.82	20.84	22	2
10	64QAM	1	25	20.80	20.74	20.87	20.69	20.84		
10	64QAM	1	49	20.78	20.86	20.88	20.77	20.72		
10	64QAM	25	0	19.89	19.84	19.97	19.86	19.89	21	3
10	64QAM	25	12	19.77	19.81	19.93	19.92	19.93		
10	64QAM	25	25	19.85	19.83	19.94	19.94	19.88		
10	64QAM	50	0	19.88	19.93	19.93	19.87	19.87		
10	256QAM	1	0	18.18	18.10	18.17	18.11	18.14	19	5
10	256QAM	1	25	18.17	18.08	18.18	18.17	18.10		
10	256QAM	1	49	18.13	18.14	18.15	18.01	18.15		
10	256QAM	25	0	18.04	18.00	18.10	18.04	18.01	19	5
10	256QAM	25	12	18.10	18.06	18.13	18.06	18.06		
10	256QAM	25	25	18.18	18.07	18.15	18.11	18.10		
10	256QAM	50	0	18.16	18.12	18.18	18.04	18.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.01	23.00	23.06	23.02	22.94	24	0
5	QPSK	1	12	22.93	22.90	22.97	22.92	22.92		
5	QPSK	1	24	22.96	22.94	23.00	22.82	22.89		
5	QPSK	12	0	22.08	22.02	22.05	22.05	22.00	23	1
5	QPSK	12	7	21.83	21.91	21.96	21.89	21.90		
5	QPSK	12	13	21.94	21.98	21.99	21.89	21.91		
5	QPSK	25	0	22.03	21.96	22.04	22.01	21.98		
5	16QAM	1	0	22.01	22.04	22.15	22.06	22.09	23	1
5	16QAM	1	12	22.10	22.06	22.09	22.02	22.06		
5	16QAM	1	24	21.92	21.98	22.03	22.00	22.02		
5	16QAM	12	0	20.81	20.84	20.79	20.74	20.71	22	2
5	16QAM	12	7	20.91	20.80	20.86	20.86	20.82		
5	16QAM	12	13	20.87	20.86	20.86	20.81	20.82		
5	16QAM	25	0	20.80	20.77	20.85	20.77	20.75		
5	64QAM	1	0	20.86	20.87	20.96	20.83	20.83	22	2
5	64QAM	1	12	20.84	20.72	20.83	20.72	20.78		
5	64QAM	1	24	20.86	20.83	20.88	20.81	20.75		
5	64QAM	12	0	19.89	19.82	19.96	19.86	19.94	21	3
5	64QAM	12	7	19.79	19.87	19.88	19.87	19.87		
5	64QAM	12	13	19.87	19.91	19.88	19.87	19.83		
5	64QAM	25	0	19.84	19.92	19.93	19.85	19.90		
5	256QAM	1	0	18.15	18.12	18.17	18.12	18.16	19	5
5	256QAM	1	12	18.13	18.15	18.18	18.15	18.16		
5	256QAM	1	24	18.14	18.12	18.17	17.98	18.15		
5	256QAM	12	0	18.01	17.98	18.08	18.06	18.03	19	5
5	256QAM	12	7	18.06	17.99	18.13	18.13	18.02		
5	256QAM	12	13	18.09	18.10	18.14	18.13	18.14		
5	256QAM	25	0	18.14	18.15	18.20	18.13	18.10		

Reduced Power for NSA DSI 1

Band 4 Ant0 Main PA DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.31	19.54	19.33	20.5	0
20	QPSK	1	49	19.26	19.42	19.27		
20	QPSK	1	99	19.19	19.32	19.39		
20	QPSK	50	0	19.19	19.46	19.24	20.5	0
20	QPSK	50	24	19.37	19.37	19.45		
20	QPSK	50	50	19.22	19.41	19.28		
20	QPSK	100	0	19.3	19.41	19.31	20.5	0
20	16QAM	1	0	19.25	19.42	19.38		
20	16QAM	1	49	19.27	19.46	19.3		
20	16QAM	1	99	19.36	19.34	19.39		
20	16QAM	50	0	19.32	19.43	19.47	20.5	0
20	16QAM	50	24	19.38	19.4	19.4		
20	16QAM	50	50	19.25	19.46	19.24		
20	16QAM	100	0	19.34	19.51	19.31	20.5	0
20	64QAM	1	0	19.2	19.46	19.4		
20	64QAM	1	49	19.26	19.52	19.27		
20	64QAM	1	99	19.35	19.33	19.39		
20	64QAM	50	0	19.23	19.49	19.42	20.5	0
20	64QAM	50	24	19.4	19.42	19.39		
20	64QAM	50	50	19.36	19.31	19.46		
20	64QAM	100	0	19.41	19.33	19.45		
20	256QAM	1	0	17.67	17.71	17.65	19	1.5
20	256QAM	1	49	17.55	17.61	17.53		
20	256QAM	1	99	17.58	17.6	17.57		
20	256QAM	50	0	17.59	17.69	17.59	19	1.5
20	256QAM	50	24	17.56	17.67	17.58		
20	256QAM	50	50	17.59	17.64	17.59		
20	256QAM	100	0	17.57	17.65	17.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.4	19.31	19.34	20.5	0
15	QPSK	1	37	19.35	19.44	19.32		
15	QPSK	1	74	19.3	19.37	19.32		
15	QPSK	36	0	19.23	19.38	19.3	20.5	0
15	QPSK	36	20	19.24	19.34	19.24		
15	QPSK	36	39	19.38	19.33	19.32		
15	QPSK	75	0	19.41	19.5	19.37	20.5	0
15	16QAM	1	0	19.24	19.44	19.26		
15	16QAM	1	37	19.4	19.33	19.41		
15	16QAM	1	74	19.37	19.3	19.43		
15	16QAM	36	0	19.3	19.32	19.44	20.5	0
15	16QAM	36	20	19.31	19.32	19.38		
15	16QAM	36	39	19.24	19.44	19.34		
15	16QAM	75	0	19.2	19.52	19.4		
15	64QAM	1	0	19.24	19.48	19.3	20.5	0
15	64QAM	1	37	19.25	19.43	19.29		
15	64QAM	1	74	19.34	19.29	19.26		
15	64QAM	36	0	19.36	19.52	19.36	20.5	0
15	64QAM	36	20	19.23	19.37	19.35		
15	64QAM	36	39	19.35	19.52	19.26		
15	64QAM	75	0	19.42	19.49	19.35		
15	256QAM	1	0	17.65	17.66	17.61	19	1.5
15	256QAM	1	37	17.46	17.53	17.52		
15	256QAM	1	74	17.5	17.54	17.51		
15	256QAM	36	0	17.53	17.61	17.58	19	1.5
15	256QAM	36	20	17.52	17.63	17.53		
15	256QAM	36	39	17.49	17.55	17.5		
15	256QAM	75	0	17.48	17.56	17.53		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.42	19.31	19.43	20.5	0
10	QPSK	1	25	19.31	19.47	19.29		
10	QPSK	1	49	19.19	19.45	19.45		
10	QPSK	25	0	19.19	19.38	19.47	20.5	0
10	QPSK	25	12	19.38	19.42	19.4		
10	QPSK	25	25	19.31	19.37	19.25		
10	QPSK	50	0	19.34	19.41	19.42	20.5	0
10	16QAM	1	0	19.39	19.37	19.45		
10	16QAM	1	25	19.26	19.42	19.34		
10	16QAM	1	49	19.41	19.4	19.41		
10	16QAM	25	0	19.42	19.38	19.32	20.5	0
10	16QAM	25	12	19.23	19.46	19.42		
10	16QAM	25	25	19.25	19.31	19.42		
10	16QAM	50	0	19.26	19.39	19.45	20.5	0
10	64QAM	1	0	19.36	19.43	19.39		
10	64QAM	1	25	19.19	19.3	19.46		
10	64QAM	1	49	19.35	19.51	19.43		
10	64QAM	25	0	19.22	19.44	19.47	20.5	0
10	64QAM	25	12	19.21	19.44	19.4		
10	64QAM	25	25	19.3	19.32	19.29		
10	64QAM	50	0	19.4	19.44	19.4		
10	256QAM	1	0	17.62	17.68	17.57	19	1.5
10	256QAM	1	25	17.46	17.53	17.45		
10	256QAM	1	49	17.48	17.59	17.51		
10	256QAM	25	0	17.57	17.61	17.55	19	1.5
10	256QAM	25	12	17.5	17.64	17.52		
10	256QAM	25	25	17.54	17.61	17.56		
10	256QAM	50	0	17.53	17.61	17.5		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.36	19.2	19.38	20.5	0
5	QPSK	1	12	19.11	19.45	19.3		
5	QPSK	1	24	19.01	19.3	19.27		
5	QPSK	12	0	19	19.19	19.46	20.5	0
5	QPSK	12	7	19.18	19.32	19.35		
5	QPSK	12	13	19.23	19.27	19.07		
5	QPSK	25	0	19.24	19.43	19.38	20.5	0
5	16QAM	1	0	19.19	19.27	19.33		
5	16QAM	1	12	19.18	19.32	19.26		
5	16QAM	1	24	19.33	19.3	19.26		
5	16QAM	12	0	19.27	19.21	19.11	20.5	0
5	16QAM	12	7	19.2	19.35	19.25		
5	16QAM	12	13	19.06	19.21	19.32		
5	16QAM	25	0	19.22	19.32	19.42		
5	64QAM	1	0	19.23	19.35	19.25	20.5	0
5	64QAM	1	12	19.19	19.29	19.46		
5	64QAM	1	24	19.15	19.46	19.43		
5	64QAM	12	0	19.18	19.49	19.48	20.5	0
5	64QAM	12	7	19.16	19.41	19.42		
5	64QAM	12	13	19.27	19.18	19.28		
5	64QAM	25	0	19.31	19.51	19.24	20.5	0
5	256QAM	1	0	17.61	17.65	17.57	19	1.5
5	256QAM	1	12	17.51	17.57	17.47		
5	256QAM	1	24	17.55	17.58	17.49		
5	256QAM	12	0	17.56	17.63	17.58	19	1.5
5	256QAM	12	7	17.47	17.66	17.54		
5	256QAM	12	13	17.48	17.56	17.5		
5	256QAM	25	0	17.51	17.6	17.51		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.28	19.17	19.24	20.5	0
3	QPSK	1	8	19.28	19.42	19.29		
3	QPSK	1	14	19.15	19.27	19.33		
3	QPSK	8	0	19.13	19.33	19.48	20.5	0
3	QPSK	8	4	19.19	19.34	19.29		
3	QPSK	8	7	19.27	19.35	19.1		
3	QPSK	15	0	19.27	19.39	19.28		
3	16QAM	1	0	19.2	19.26	19.26	20.5	0
3	16QAM	1	8	19.09	19.4	19.18		
3	16QAM	1	14	19.28	19.33	19.19		
3	16QAM	8	0	19.3	19.23	19.3	20.5	0
3	16QAM	8	4	19.15	19.37	19.4		
3	16QAM	8	7	19.23	19.22	19.36		
3	16QAM	15	0	19.22	19.19	19.43		
3	64QAM	1	0	19.17	19.31	19.39	20.5	0
3	64QAM	1	8	19.15	19.18	19.37		
3	64QAM	1	14	19.17	19.4	19.21		
3	64QAM	8	0	19.09	19.44	19.37	20.5	0
3	64QAM	8	4	19.14	19.32	19.22		
3	64QAM	8	7	19.13	19.13	19.21		
3	64QAM	15	0	19.25	19.46	19.37		
3	256QAM	1	0	17.62	17.68	17.59	19	1.5
3	256QAM	1	8	17.5	17.51	17.49		
3	256QAM	1	14	17.56	17.49	17.56	19	1.5
3	256QAM	8	0	17.49	17.68	17.55		
3	256QAM	8	4	17.54	17.6	17.48		
3	256QAM	8	7	17.49	17.57	17.53		
3	256QAM	15	0	17.48	17.58	17.5		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.38	19.23	19.33	20.5	0
1.4	QPSK	1	3	19.19	19.46	19.21		
1.4	QPSK	1	5	19.14	19.31	19.26		
1.4	QPSK	3	0	19.05	19.27	19.33		
1.4	QPSK	3	1	19.27	19.3	19.27		
1.4	QPSK	3	3	19.3	19.19	19.03		
1.4	QPSK	6	0	19.31	19.33	19.23	20.5	0
1.4	16QAM	1	0	19.4	19.16	19.37	20.5	0
1.4	16QAM	1	3	19.19	19.43	19.32		
1.4	16QAM	1	5	19.22	19.25	19.42		
1.4	16QAM	3	0	19.27	19.19	19.24		
1.4	16QAM	3	1	19.22	19.3	19.42		
1.4	16QAM	3	3	19.09	19.16	19.23		
1.4	16QAM	6	0	19.26	19.25	19.39	20.5	0
1.4	64QAM	1	0	19.24	19.43	19.2	20.5	0
1.4	64QAM	1	3	19.09	19.15	19.46		
1.4	64QAM	1	5	19.31	19.44	19.28		
1.4	64QAM	3	0	19.11	19.39	19.29		
1.4	64QAM	3	1	19	19.33	19.24		
1.4	64QAM	3	3	19.11	19.18	19.2		
1.4	64QAM	6	0	19.39	19.41	19.4	19	1.5
1.4	256QAM	1	0	17.63	17.67	17.59		
1.4	256QAM	1	3	17.48	17.53	17.47		
1.4	256QAM	1	5	17.54	17.5	17.48		
1.4	256QAM	3	0	17.56	17.62	17.5		
1.4	256QAM	3	1	17.46	17.65	17.5		
1.4	256QAM	3	3	17.52	17.54	17.57		
1.4	256QAM	6	0	17.46	17.63	17.55	19	1.5

Band 7 Ant0 Main PA DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.29	21.34	21.04	22.5	0
20	QPSK	1	49	21.08	21.28	21.14		
20	QPSK	1	99	21.1	21.29	21.19		
20	QPSK	50	0	21.19	21.33	21.05	22.5	0
20	QPSK	50	24	21.24	21.15	21.12		
20	QPSK	50	50	21.27	21.3	21.23		
20	QPSK	100	0	21.27	21.28	21.09	22.5	0
20	16QAM	1	0	21.15	21.22	21.15		
20	16QAM	1	49	21.22	21.29	21.11		
20	16QAM	1	99	21.12	21.32	21.03		
20	16QAM	50	0	21.15	21.24	21.01	22.5	0
20	16QAM	50	24	21.17	21.2	21.18		
20	16QAM	50	50	21.18	21.27	21.18		
20	16QAM	100	0	21.26	21.28	21.1	22.5	0
20	64QAM	1	0	21.12	21.32	21.18		
20	64QAM	1	49	21.29	21.21	21.21		
20	64QAM	1	99	21.14	21.27	21.16		
20	64QAM	50	0	20.49	20.54	20.49	21.5	1
20	64QAM	50	24	20.52	20.57	20.53		
20	64QAM	50	50	20.46	20.52	20.48		
20	64QAM	100	0	20.43	20.52	20.45	21.5	1
20	256QAM	1	0	18.16	18.19	18.12	19.5	3
20	256QAM	1	49	18.13	18.18	18.14		
20	256QAM	1	99	18.01	18.11	18.09		
20	256QAM	50	0	18.16	18.2	18.11	19.5	3
20	256QAM	50	24	18.19	18.2	18.17		
20	256QAM	50	50	18.17	18.19	18.15		
20	256QAM	100	0	18.2	18.22	18.13	19.5	3
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.21	21.27	21.05	22.5	0
15	QPSK	1	37	21.06	21.06	21.08		
15	QPSK	1	74	21.1	21.1	21.01		
15	QPSK	36	0	21.05	21.06	21.06	22.5	0
15	QPSK	36	20	21.18	21.09	21.05		
15	QPSK	36	39	21.15	21.27	21.06		
15	QPSK	75	0	21.16	21.07	21.04	22.5	0
15	16QAM	1	0	21.01	21.15	21.06		
15	16QAM	1	37	21	21.19	21.06		
15	16QAM	1	74	21.01	21.32	21.09		
15	16QAM	36	0	21.11	21.02	21.04	22.5	0
15	16QAM	36	20	21.02	21.19	21.16		
15	16QAM	36	39	21.09	21.2	21.16		
15	16QAM	75	0	21.07	21.3	21.11	22.5	0
15	64QAM	1	0	21.08	21.16	21.09		
15	64QAM	1	37	21.21	21.14	21.16		
15	64QAM	1	74	21.06	21.26	21.04		
15	64QAM	36	0	20.46	20.49	20.47	21.5	1
15	64QAM	36	20	20.47	20.54	20.51		
15	64QAM	36	39	20.39	20.51	20.46		
15	64QAM	75	0	20.33	20.46	20.43	21.5	1
15	256QAM	1	0	18.13	18.17	18.05	19.5	3
15	256QAM	1	37	18.03	18.16	18.04		
15	256QAM	1	74	18.13	18.05	18.02		
15	256QAM	36	0	18.09	18.15	18.01	19.5	3
15	256QAM	36	20	18.16	18.15	18.11		
15	256QAM	36	39	18.08	18.13	18.09		
15	256QAM	75	0	18.16	18.16	18.04	19.5	3
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.26	21.19	21.09	22.5	0
10	QPSK	1	25	21.08	21.23	21.1		
10	QPSK	1	49	21.08	21.22	21.08		
10	QPSK	25	0	21.17	21.08	21.09	22.5	0
10	QPSK	25	12	21.15	21.17	21.09		
10	QPSK	25	25	21.17	21.32	21.12		
10	QPSK	50	0	21.27	21.12	21.07	22.5	0
10	16QAM	1	0	21.05	21.07	21		
10	16QAM	1	25	21.18	21.08	21.09		
10	16QAM	1	49	21.12	21.22	21.07		
10	16QAM	25	0	21.08	21.21	21.01	22.5	0
10	16QAM	25	12	21.16	21.08	21.04		
10	16QAM	25	25	21.17	21.08	21.17		
10	16QAM	50	0	21.16	21.19	21.05	22.5	0
10	64QAM	1	0	21.12	21.18	21.02		
10	64QAM	1	25	21.19	21	21.01		
10	64QAM	1	49	21.08	21.28	21.18		
10	64QAM	25	0	20.48	20.51	20.44	21.5	1
10	64QAM	25	12	20.48	20.56	20.51		
10	64QAM	25	25	20.38	20.47	20.47		
10	64QAM	50	0	20.39	20.43	20.44	21.5	1
10	256QAM	1	0	18.12	18.15	18.06	19.5	3
10	256QAM	1	25	18.06	18.13	18.07		
10	256QAM	1	49	18.13	18.08	18.01		
10	256QAM	25	0	18.07	18.12	18.07	19.5	3
10	256QAM	25	12	18.16	18.19	18.13		
10	256QAM	25	25	18.08	18.18	18.14		
10	256QAM	50	0	18.16	18.2	18.03	19.5	3
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.14	21.19	21.06	22.5	0
5	QPSK	1	12	21.03	21.2	21.07		
5	QPSK	1	24	21.09	21.13	21.2		
5	QPSK	12	0	21.21	21.06	21.09	22.5	0
5	QPSK	12	7	21.03	21.3	21		
5	QPSK	12	13	21.23	21.12	21.22		
5	QPSK	25	0	21.26	21	21.07	22.5	0
5	16QAM	1	0	21.15	21.07	21.13		
5	16QAM	1	12	21.1	21.13	21.03		
5	16QAM	1	24	21.03	21.16	21.05		
5	16QAM	12	0	21.11	21.04	21.01	22.5	0
5	16QAM	12	7	21.12	21.12	21.17		
5	16QAM	12	13	21.19	21.27	21		
5	16QAM	25	0	21.07	21.16	21.05	22.5	0
5	64QAM	1	0	21.05	21.24	21.06		
5	64QAM	1	12	21.09	21.21	21.19		
5	64QAM	1	24	21.06	21.06	21.08		
5	64QAM	12	0	20.43	20.45	20.46	21.5	1
5	64QAM	12	7	20.49	20.52	20.43		
5	64QAM	12	13	20.4	20.5	20.42		
5	64QAM	25	0	20.35	20.46	20.35	21.5	1
5	256QAM	1	0	18.14	18.14	18.11	19.5	3
5	256QAM	1	12	18.07	18.08	18.07		
5	256QAM	1	24	18	18.02	18.01		
5	256QAM	12	0	18.08	18.15	18.01	19.5	3
5	256QAM	12	7	18.12	18.1	18.13		
5	256QAM	12	13	18.06	18.16	18.05		
5	256QAM	25	0	18.11	18.13	18.11		

Band 66 Ant0 Other PA DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.59	21.54	21.68	22.2	0
20	QPSK	1	49	21.72	21.66	21.61		
20	QPSK	1	99	21.81	21.82	21.77		
20	QPSK	50	0	21.75	21.81	21.84	22.2	0
20	QPSK	50	24	21.67	21.76	21.77		
20	QPSK	50	50	21.72	21.76	21.61		
20	QPSK	100	0	21.7	21.76	21.66	22.2	0
20	16QAM	1	0	21.8	21.7	21.6		
20	16QAM	1	49	21.7	21.75	21.67		
20	16QAM	1	99	21.73	21.6	21.63		
20	16QAM	50	0	21.61	21.76	21.64	22.2	0
20	16QAM	50	24	21.77	21.67	21.76		
20	16QAM	50	50	21.8	21.63	21.59		
20	16QAM	100	0	21.83	21.69	21.61	22.2	0
20	64QAM	1	0	21.82	21.69	21.57		
20	64QAM	1	49	21.6	21.67	21.77		
20	64QAM	1	99	21.76	21.76	21.58		
20	64QAM	50	0	21.63	21.74	21.7	22.2	0
20	64QAM	50	24	21.74	21.66	21.57		
20	64QAM	50	50	21.8	21.78	21.58		
20	64QAM	100	0	21.6	21.62	21.75	22.2	0
20	256QAM	1	0	20.15	20.21	20.12	20.7	1.5
20	256QAM	1	49	20.1	20.21	20.12		
20	256QAM	1	99	20.08	20.19	20.09		
20	256QAM	50	0	20.13	20.18	20.13	20.7	1.5
20	256QAM	50	24	20.14	20.21	20.19		
20	256QAM	50	50	20.14	20.16	20.15		
20	256QAM	100	0	20.03	20.14	20.1	20.7	1.5
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.49	21.61	21.64	22.2	0
15	QPSK	1	37	21.59	21.65	21.53		
15	QPSK	1	74	21.74	21.61	21.79		
15	QPSK	36	0	21.57	21.66	21.64	22.2	0
15	QPSK	36	20	21.7	21.7	21.48		
15	QPSK	36	39	21.56	21.65	21.61		
15	QPSK	75	0	21.7	21.6	21.65	22.2	0
15	16QAM	1	0	21.76	21.53	21.47		
15	16QAM	1	37	21.59	21.64	21.45		
15	16QAM	1	74	21.6	21.51	21.44		
15	16QAM	36	0	21.61	21.75	21.49	22.2	0
15	16QAM	36	20	21.64	21.67	21.63		
15	16QAM	36	39	21.58	21.45	21.53		
15	16QAM	75	0	21.75	21.59	21.49	22.2	0
15	64QAM	1	0	21.82	21.51	21.44		
15	64QAM	1	37	21.61	21.64	21.7		
15	64QAM	1	74	21.61	21.76	21.47		
15	64QAM	36	0	21.42	21.56	21.53	22.2	0
15	64QAM	36	20	21.72	21.55	21.44		
15	64QAM	36	39	21.59	21.59	21.52		
15	64QAM	75	0	21.58	21.49	21.68	22.2	0
15	256QAM	1	0	20.05	20.14	20.07	20.7	1.5
15	256QAM	1	37	20	20.16	20.1		
15	256QAM	1	74	20.01	20.13	20.03		
15	256QAM	36	0	20.11	20.16	20.08	20.7	1.5
15	256QAM	36	20	20.12	20.19	20.12		
15	256QAM	36	39	20.06	20.09	20.09		
15	256QAM	75	0	19.93	20.1	20.05	20.7	1.5
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.56	21.74	21.58	22.2	0
10	QPSK	1	25	21.65	21.63	21.5		
10	QPSK	1	49	21.73	21.8	21.77		
10	QPSK	25	0	21.66	21.58	21.61	22.2	0
10	QPSK	25	12	21.61	21.8	21.62		
10	QPSK	25	25	21.55	21.57	21.49		
10	QPSK	50	0	21.77	21.53	21.76	22.2	0
10	16QAM	1	0	21.79	21.69	21.49		
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.21	23.29	23.15	24	0
20	QPSK	1	49	23.02	23.09	22.99		
20	QPSK	1	99	23.08	23.15	23.04		
20	QPSK	50	0	22.99	22.46	22.16	23	1
20	QPSK	50	24	22.29	22.40	22.33		
20	QPSK	50	50	22.14	22.21	22.10		
20	QPSK	100	0	22.31	22.35	22.26		
20	16QAM	1	0	22.17	22.20	22.16	23	1
20	16QAM	1	49	22.09	22.17	22.13		
20	16QAM	1	99	22.09	22.16	22.13		
20	16QAM	50	0	21.18	21.20	21.13	22	2
20	16QAM	50	24	21.17	21.24	21.14		
20	16QAM	50	50	21.06	21.16	21.12		
20	16QAM	100	0	21.10	21.20	21.13		
20	64QAM	1	0	21.28	21.30	21.23	22	2
20	64QAM	1	49	21.15	21.21	21.19		
20	64QAM	1	99	21.18	21.24	21.23		
20	64QAM	50	0	20.13	20.16	20.07	21	3
20	64QAM	50	24	20.14	20.19	20.12		
20	64QAM	50	50	20.13	20.23	20.13		
20	64QAM	100	0	20.12	20.21	20.18		
20	256QAM	1	0	17.94	18.01	17.94	19	5
20	256QAM	1	49	17.83	17.93	17.89		
20	256QAM	1	99	17.91	17.94	17.88		
20	256QAM	50	0	17.93	17.97	17.94	19	5
20	256QAM	50	24	17.89	17.98	17.92		
20	256QAM	50	50	17.93	17.99	17.97		
20	256QAM	100	0	17.89	17.96	17.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.21	23.07	23.02	24	0
15	QPSK	1	37	22.95	22.97	23.00		
15	QPSK	1	74	22.94	23.03	22.98		
15	QPSK	36	0	22.12	22.32	22.20	23	1
15	QPSK	36	20	22.02	22.46	22.12		
15	QPSK	36	39	22.11	22.16	21.94		
15	QPSK	75	0	22.19	22.19	22.20		
15	16QAM	1	0	22.09	21.99	21.95	23	1
15	16QAM	1	37	22.11	22.11	22.01		
15	16QAM	1	74	22.07	22.01	21.92		
15	16QAM	36	0	21.18	20.99	21.09	22	2
15	16QAM	36	20	21.01	21.25	20.99		
15	16QAM	36	39	20.90	20.99	21.10		
15	16QAM	75	0	20.95	21.04	20.99		
15	64QAM	1	0	21.25	21.24	21.05	22	2
15	64QAM	1	37	21.09	21.15	21.18		
15	64QAM	1	74	20.97	21.12	21.21		
15	64QAM	36	0	19.92	19.96	20.03	21	3
15	64QAM	36	20	20.05	20.15	19.99		
15	64QAM	36	39	19.95	20.14	20.03		
15	64QAM	75	0	20.05	20.00	20.03		
15	256QAM	1	0	17.95	17.94	17.79	19	5
15	256QAM	1	37	17.85	17.93	17.69		
15	256QAM	1	74	17.70	17.89	17.87		
15	256QAM	36	0	17.86	17.77	17.94	19	5
15	256QAM	36	20	17.80	17.79	17.89		
15	256QAM	36	39	17.86	18.00	17.91		
15	256QAM	75	0	17.85	17.85	17.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.09	23.21	23.12	24	0
10	QPSK	1	25	22.82	22.87	22.64		
10	QPSK	1	49	22.93	23.00	23.00		
10	QPSK	25	0	22.30	22.21	22.16	23	1
10	QPSK	25	12	21.98	22.38	22.10		
10	QPSK	25	25	22.14	22.12	22.12		
10	QPSK	50	0	22.28	22.16	22.12		
10	16QAM	1	0	22.10	22.10	22.04	23	1
10	16QAM	1	25	21.95	22.13	22.04		
10	16QAM	1	49	21.99	22.14	21.96		
10	16QAM	25	0	21.16	21.18	21.15	22	2
10	16QAM	25	12	20.99	21.17	20.94		
10	16QAM	25	25	20.98	20.99	21.03		
10	16QAM	50	0	20.96	20.99	21.11		
10	64QAM	1	0	21.25	21.21	21.16	22	2
10	64QAM	1	25	21.07	21.16	21.14		
10	64QAM	1	49	21.06	21.05	21.11		
10	64QAM	25	0	20.10	20.15	19.94	21	3
10	64QAM	25	12	20.08	20.16	19.94		
10	64QAM	25	25	19.93	20.11	20.01		
10	64QAM	50	0	20.07	20.19	20.10		
10	256QAM	1	0	17.94	18.02	17.82	19	5
10	256QAM	1	25	17.83	17.85	17.69		
10	256QAM	1	49	17.76	17.75	17.73		
10	256QAM	25	0	17.77	17.87	17.76	19	5
10	256QAM	25	12	17.71	17.87	17.87		
10	256QAM	25	25	17.83	17.90	17.92		
10	256QAM	50	0	17.68	17.92	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.09	23.13	23.15	24	0
5	QPSK	1	12	23.02	22.99	22.87		
5	QPSK	1	24	22.89	23.17	22.85		
5	QPSK	12	0	22.25	22.31	22.11	23	1
5	QPSK	12	7	21.89	22.41	22.01		
5	QPSK	12	13	21.97	22.11	22.12		
5	QPSK	25	0	22.12	22.21	22.19		
5	16QAM	1	0	22.13	22.20	22.00	23	1
5	16QAM	1	12	21.97	22.07	22.13		
5	16QAM	1	24	22.05	22.17	21.98		
5	16QAM	12	0	20.96	20.99	21.08	22	2
5	16QAM	12	7	20.96	21.25	21.10		
5	16QAM	12	13	21.00	21.08	20.92		
5	16QAM	25	0	20.99	21.04	21.04		
5	64QAM	1	0	21.22	21.21	21.20	22	2
5	64QAM	1	12	20.95	21.17	21.03		
5	64QAM	1	24	21.12	21.16	21.22		
5	64QAM	12	0	19.99	20.08	19.97	21	3
5	64QAM	12	7	20.15	20.15	20.04		
5	64QAM	12	13	20.08	20.24	19.93		
5	64QAM	25	0	20.10	20.20	19.99		
5	256QAM	1	0	17.89	17.97	17.94	19	5
5	256QAM	1	12	17.80	17.81	17.81		
5	256QAM	1	24	17.87	17.78	17.83		
5	256QAM	12	0	17.79	17.84	17.85	19	5
5	256QAM	12	7	17.77	17.83	17.75		
5	256QAM	12	13	17.83	17.85	17.96		
5	256QAM	25	0	17.79	17.79	17.87		

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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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	23.15	23.05	23.17	23.01	23.08	24	0
20	QPSK	1	49	22.99	22.97	23.05	23.02	22.99		
20	QPSK	1	99	22.98	22.96	23.01	22.93	22.95		
20	QPSK	50	0	22.22	22.26	22.39	22.21	22.30	23	1
20	QPSK	50	24	22.34	22.33	22.35	22.27	22.29		
20	QPSK	50	50	22.11	22.05	22.15	22.10	22.06		
20	QPSK	100	0	22.00	22.20	22.25	22.19	22.18		
20	16QAM	1	0	21.97	21.97	22.08	22.02	22.01	23	1
20	16QAM	1	49	21.94	22.00	22.03	21.96	22.00		
20	16QAM	1	99	22.01	21.95	22.05	21.98	22.01		
20	16QAM	50	0	21.00	21.01	21.04	21.00	20.99	22	2
20	16QAM	50	24	21.00	21.00	21.10	21.05	21.02		
20	16QAM	50	50	21.09	20.99	21.10	21.00	21.02		
20	16QAM	100	0	21.00	20.96	21.06	21.02	21.00		
20	64QAM	1	0	21.21	21.14	21.23	21.16	21.13	22	2
20	64QAM	1	49	21.09	21.08	21.12	21.05	21.07		
20	64QAM	1	99	21.01	21.07	21.11	21.06	21.04		
20	64QAM	50	0	20.01	20.02	20.08	20.00	19.99	21	3
20	64QAM	50	24	20.09	20.09	20.12	20.09	20.04		
20	64QAM	50	50	19.99	20.03	20.06	19.95	20.04		
20	64QAM	100	0	19.97	20.00	20.06	19.97	20.00		
20	256QAM	1	0	17.91	17.90	17.99	17.88	17.94	19	5
20	256QAM	1	49	17.87	17.85	17.88	17.86	17.79		
20	256QAM	1	99	17.85	17.79	17.86	17.79	17.82		
20	256QAM	50	0	17.86	17.85	17.89	17.83	17.87	19	5
20	256QAM	50	24	17.89	17.90	17.94	17.88	17.89		
20	256QAM	50	50	17.88	17.92	17.95	17.90	17.88		
20	256QAM	100	0	17.88	17.96	17.97	17.89	17.88		
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	23.07	22.94	22.99	22.84	22.98	24	0
15	QPSK	1	37	22.94	22.93	22.97	22.96	23.01		
15	QPSK	1	74	22.85	22.77	22.90	22.89	22.85		
15	QPSK	36	0	22.13	22.13	22.35	22.24	22.17	23	1
15	QPSK	36	20	22.11	22.12	22.21	22.05	22.27		
15	QPSK	36	39	22.05	21.96	22.12	22.06	21.97		
15	QPSK	75	0	22.18	22.10	22.22	21.99	22.16		
15	16QAM	1	0	21.95	21.90	21.89	22.02	22.01	23	1
15	16QAM	1	37	21.87	21.80	21.85	21.82	21.97		
15	16QAM	1	74	22.01	21.81	22.04	21.79	21.85		
15	16QAM	36	0	20.94	20.95	21.05	20.98	20.90	22	2
15	16QAM	36	20	20.93	20.99	21.02	20.89	21.03		
15	16QAM	36	39	21.02	21.00	21.01	20.91	20.86		
15	16QAM	75	0	20.89	20.95	21.05	20.84	20.80		
15	64QAM	1	0	21.17	21.12	21.18	20.99	21.00	22	2
15	64QAM	1	37	20.88	20.92	20.96	20.88	20.91		
15	64QAM	1	74	20.80	20.91	20.94	20.95	20.86		
15	64QAM	36	0	19.87	20.01	20.01	19.91	19.84	21	3
15	64QAM	36	20	19.92	19.99	19.96	20.11	19.89		
15	64QAM	36	39	19.98	20.04	20.08	19.80	19.86		
15	64QAM	75	0	19.77	19.86	19.87	19.92	19.90		
15	256QAM	1	0	17.70	17.85	17.99	17.70	17.88	19	5
15	256QAM	1	37	17.75	17.85	17.88	17.79	17.69		
15	256QAM	1	74	17.81	17.59	17.79	17.61	17.66		
15	256QAM	36	0	17.74	17.82	17.89	17.72	17.77	19	5
15	256QAM	36	20	17.87	17.82	17.91	17.74	17.84		
15	256QAM	36	39	17.86	17.73	17.80	17.77	17.75		
15	256QAM	75	0	17.66	17.78	17.76	17.90	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.09	22.93	23.10	22.85	22.98	24	0
10	QPSK	1	25	22.79	22.86	23.01	23.01	22.79		
10	QPSK	1	49	22.94	22.93	23.02	22.88	22.79		
10	QPSK	25	0	22.16	22.16	22.20	22.28	22.20	23	1
10	QPSK	25	12	22.20	22.15	22.37	22.20	22.16		
10	QPSK	25	25	22.02	21.85	21.93	21.93	22.02		
10	QPSK	50	0	22.15	22.22	22.08	22.03	21.96		
10	16QAM	1	0	21.77	21.97	22.04	21.88	21.85	23	1
10	16QAM	1	25	21.84	21.81	21.87	21.80	22.02		
10	16QAM	1	49	21.88	21.95	22.05	21.97	21.97		
10	16QAM	25	0	20.96	20.98	20.95	20.89	20.84	22	2
10	16QAM	25	12	20.98	20.95	21.10	21.02	21.01		
10	16QAM	25	25	20.97	20.82	20.99	20.90	20.87		
10	16QAM	50	0	20.97	20.82	21.08	20.84	21.01		
10	64QAM	1	0	21.19	20.95	21.10	21.04	20.97	22	2
10	64QAM	1	25	20.87	20.96	20.95	20.84	20.91		
10	64QAM	1	49	20.81	21.06	21.10	21.06	20.98		
10	64QAM	25	0	20.00	19.95	20.01	19.88	19.77	21	3
10	64QAM	25	12	20.06	20.11	19.93	19.89	20.00		
10	64QAM	25	25	19.83	19.97	19.85	19.94	19.91		
10	64QAM	50	0	19.96	19.82	19.94	19.81	19.96		
10	256QAM	1	0	17.75	17.80	17.90	17.73	17.75	19	5
10	256QAM	1	25	17.70	17.76	17.87	17.72	17.73		
10	256QAM	1	49	17.72	17.70	17.84	17.76	17.60		
10	256QAM	25	0	17.74	17.71	17.70	17.80	17.89	19	5
10	256QAM	25	12	17.77	17.89	17.90	17.82	17.85		
10	256QAM	25	25	17.75	17.74	17.85	17.88	17.86		
10	256QAM	50	0	17.85	17.81	17.93	17.86	17.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.03	22.94	22.95	22.80	23.05	24	0
5	QPSK	1	12	22.78	22.80	22.84	22.98	22.99		
5	QPSK	1	24	22.90	22.90	22.99	22.73	22.84		
5	QPSK	12	0	22.27	22.29	22.30	22.16	22.28	23	1
5	QPSK	12	7	22.03	22.20	22.19	22.10	22.31		
5	QPSK	12	13	21.96	21.88	22.10	21.91	21.92		
5	QPSK	25	0	22.06	22.07	21.99	21.99	22.18		
5	16QAM	1	0	21.77	21.88	21.87	21.98	21.94	23	1
5	16QAM	1	12	21.87	21.86	21.84	21.96	21.85		
5	16QAM	1	24	21.93	21.76	22.03	21.77	21.85		
5	16QAM	12	0	20.87	20.93	21.00	20.98	20.91	22	2
5	16QAM	12	7	20.81	20.81	20.92	20.88	20.97		
5	16QAM	12	13	20.92	21.01	21.04	20.99	21.00		
5	16QAM	25	0	20.88	20.81	20.86	20.99	20.83		
5	64QAM	1	0	21.03	21.12	21.11	21.00	20.96	22	2
5	64QAM	1	12	20.93	21.06	20.95	21.06	20.99		
5	64QAM	1	24	20.81	20.95	20.92	20.96	20.90		
5	64QAM	12	0	19.97	19.90	20.08	20.00	19.89	21	3
5	64QAM	12	7	19.90	19.95	20.08	20.06	19.83		
5	64QAM	12	13	19.87	19.85	20.04	19.77	20.00		
5	64QAM	25	0	19.95	19.82	19.91	19.88	19.96		
5	256QAM	1	0	17.71	17.82	17.87	17.86	17.82	19	5
5	256QAM	1	12	17.81	17.84	17.73	17.70	17.68		
5	256QAM	1	24	17.70	17.58	17.87	17.62	17.65		
5	256QAM	12	0	17.65	17.70	17.86	17.79	17.80	19	5
5	256QAM	12	7	17.80	17.74	17.84	17.73	17.68		
5	256QAM	12	13	17.72	17.91	17.81	17.68	17.84		
5	256QAM	25	0	17.81	17.78	17.85	17.82	17.80		

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BW [MHz]	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	19.80	20.09	20.02		
20	QPSK	1	49	19.99	20.01	19.88	21.5	0
20	QPSK	1	99	19.91	20.06	20.01		
20	QPSK	50	0	19.82	20.06	20.00		
20	QPSK	50	24	19.86	20.02	20.02	21.5	0
20	QPSK	50	50	19.91	19.90	19.94		
20	QPSK	100	0	19.79	20.00	19.84		
20	16QAM	1	0	19.93	20.08	20.04		
20	16QAM	1	49	19.84	20.07	19.86	21.5	0
20	16QAM	1	99	19.96	19.93	19.86		
20	16QAM	50	0	20.01	20.03	19.94		
20	16QAM	50	24	19.89	19.99	20.02	21.5	0
20	16QAM	50	50	20.03	19.94	20.00		
20	16QAM	100	0	19.89	19.91	19.83		
20	64QAM	1	0	20.00	19.95	19.86		
20	64QAM	1	49	19.99	20.00	19.85	21.5	0
20	64QAM	1	99	19.88	19.94	19.99		
20	64QAM	50	0	19.34	19.40	19.29		
20	64QAM	50	24	19.32	19.41	19.40	21	0.5
20	64QAM	50	50	19.35	19.42	19.40		
20	64QAM	100	0	19.43	19.47	19.41		
20	256QAM	1	0	17.50	17.59	17.50		
20	256QAM	1	49	17.47	17.57	17.56	19	2.5
20	256QAM	1	99	17.46	17.40	17.41		
20	256QAM	50	0	17.43	17.52	17.48		
20	256QAM	50	24	17.44	17.50	17.44	19	2.5
20	256QAM	50	50	17.48	17.56	17.46		
20	256QAM	100	0	17.53	17.58	17.54		
	Channel			20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	19.75	19.97	19.90		
15	QPSK	1	37	19.83	19.86	19.68	21.5	0
15	QPSK	1	74	19.84	20.04	19.82		
15	QPSK	36	0	19.84	19.97	19.97		
15	QPSK	36	20	19.80	19.87	19.97	21.5	0
15	QPSK	36	39	19.70	19.69	19.75		
15	QPSK	75	0	19.61	19.92	19.73		
15	16QAM	1	0	19.73	19.99	19.90		
15	16QAM	1	37	19.63	19.87	19.65	21.5	0
15	16QAM	1	74	19.74	19.83	19.87		
15	16QAM	36	0	19.88	19.86	19.91		
15	16QAM	36	20	19.86	19.85	19.87	21.5	0
15	16QAM	36	39	20.01	19.88	19.99		
15	16QAM	75	0	19.79	19.85	19.80		
15	64QAM	1	0	19.98	19.81	19.80		
15	64QAM	1	37	19.91	19.94	19.67	21.5	0
15	64QAM	1	74	19.71	19.85	20.00		
15	64QAM	36	0	19.23	19.30	19.20		
15	64QAM	36	20	19.28	19.33	19.32	21	0.5
15	64QAM	36	39	19.30	19.32	19.31		
15	64QAM	75	0	19.33	19.41	19.30		
15	256QAM	1	0	17.48	17.55	17.40		
15	256QAM	1	37	17.42	17.54	17.55	19	2.5
15	256QAM	1	74	17.36	17.39	17.32		
15	256QAM	36	0	17.37	17.46	17.38		
15	256QAM	36	20	17.38	17.43	17.43	19	2.5
15	256QAM	36	39	17.43	17.45	17.39		
15	256QAM	75	0	17.51	17.48	17.46		
	Channel			20050	20175	20300	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	19.60	20.03	19.99		
10	QPSK	1	25	19.84	20.01	19.77	21.5	0
10	QPSK	1	49	19.82	19.97	19.84		
10	QPSK	25	0	19.83	20.00	19.84		
10	QPSK	25	12	19.66	20.07	19.82	21.5	0
10	QPSK	25	25	19.86	19.85	19.94		
10	QPSK	50	0	19.62	19.95	19.63		
10	16QAM	1	0	19.93	19.92	19.95		
10	16QAM	1	25	19.62	19.98	19.65	21.5	0
10	16QAM	1	49	19.76	19.93	19.85		
10	16QAM	25	0	19.87	19.94	19.88		
10	16QAM	25	12	19.81	19.97	19.94	21.5	0
10	16QAM	25	25	19.97	19.90	19.88		
10	16QAM	50	0	19.68	19.80	19.69		
10	64QAM	1	0	20.01	19.76	19.79		
10	64QAM	1	25	19.81	20.01	19.67	21.5	0
10	64QAM	1	49	19.68	19.91	19.96		
10	64QAM	25	0	19.33	19.33	19.24		
10	64QAM	25	12	19.21	19.39	19.32	21	0.5
10	64QAM	25	25	19.28	19.39	19.39		
10	64QAM	50	0	19.39	19.40	19.30		
10	256QAM	1	0	17.46	17.54	17.45		
10	256QAM	1	25	17.44	17.48	17.47	19	2.5
10	256QAM	1	49	17.37	17.40	17.36		
10	256QAM	25	0	17.36	17.44	17.41		
10	256QAM	25	12	17.38	17.40	17.40	19	2.5
10	256QAM	25	25	17.41	17.47	17.40		
10	256QAM	50	0	17.43	17.51	17.51		
	Channel			19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1732.5	1752.5		
5	QPSK	1	0	19.69	19.93	19.86		
5	QPSK	1	12	19.78	19.67	19.88	21.5	0
5	QPSK	1	24	19.80	19.96	19.92		
5	QPSK	12	0	19.68	19.93	20.00		
5	QPSK	12	7	19.83	19.91	19.81	21.5	0
5	QPSK	12	13	19.82	19.81	19.88		
5	QPSK	25	0	19.66	19.94	19.67		
5	16QAM	1	0	19.94	20.04	19.83		
5	16QAM	1	12	19.63	20.07	19.76	21.5	0
5	16QAM	1	24	19.92	19.82	19.69		
5	16QAM	12	0	19.93	19.94	19.83		
5	16QAM	12	7	19.90	19.92	19.94	21.5	0
5	16QAM	12	13	19.87	19.93	19.98		
5	16QAM	25	0	19.88	19.73	19.69		
5	64QAM	1	0	19.93	19.80	19.74		
5	64QAM	1	12	20.01	19.94	19.80	21.5	0
5	64QAM	1	24	19.70	19.77	19.84		
5	64QAM	12	0	19.31	19.31	19.21		
5	64QAM	12	7	19.28	19.36	19.38	21	0.5
5	64QAM	12	13	19.25	19.34	19.31		
5	64QAM	25	0	19.39	19.41	19.37		
5	256QAM	1	0	17.44	17.56	17.48		
5	256QAM	1	12	17.44	17.49	17.48	19	2.5
5	256QAM	1	24	17.43	17.45	17.40		
5	256QAM	12	0	17.39	17.50	17.38		
5	256QAM	12	7	17.40	17.41	17.35	19	2.5
5	256QAM	12	13	17.41	17.48	17.41		
5	256QAM	25	0	17.51	17.51	17.52		
	Channel			19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	19.69	19.92	19.83		
3	QPSK	1	8	19.99	19.84	19.70	21.5	0
3	QPSK	1	14	19.87	19.94	19.98		
3	QPSK	8	0	19.84	19.88	19.99		
3	QPSK	8	4	19.73	20.00	19.92	21.5	0
3	QPSK	8	7	19.77	19.69	19.86		
3	QPSK	15	0	19.74	20.01	19.83		
3	16QAM	1	0	19.78	20.02	19.83		
3	16QAM	1	8	19.71	19.95	19.72	21.5	0
3	16QAM	1	14	19.94	19.76	19.75		
3	16QAM	8	0	19.87	20.01	19.88		
3	16QAM	8	4	19.69	19.82	19.96	21.5	0
3	16QAM	8	7	19.87	19.87	19.99		
3	16QAM	15	0	19.86	19.80	19.81		
3	64QAM	1	0	19.81	19.94	19.74		
3	64QAM	1	8	19.99	19.79	19.63	21.5	0
3	64QAM	1	14	19.79	19.87	19.99		
3	64QAM	8	0	19.25	19.33	19.20		
3	64QAM	8	4	19.24	19.39	19.34	21	0.5
3	64QAM	8	7	19.33	19.34	19.31		
3	64QAM	15	0	19.40	19.37	19.35		
3	256QAM	1	0	17.40	17.48	17.40		
3	256QAM	1	8	17.42	17.51	17.51	19	2.5
3	256QAM	1	14	17.40	17.46	17.36		
3	256QAM	8	0	17.41	17.47	17.45		
3	256QAM	8	4	17.42	17.46	17.40	19	2.5
3	256QAM	8	7	17.43	17.47	17.38		
3	256QAM	15	0	17.48	17.57	17.46		
	Channel			19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.76	19.99	19.82		
1.4	QPSK	1	3	19.93	19.88	19.89		
1.4	QPSK	1	5	19.87	20.07	19.90	21.5	0
1.4	QPSK	3	0	19.73	20.02	19.93		
1.4	QPSK	3	1	19.76	20.05	19.97		
1.4	QPSK	3	3	19.77	19.87	19.86		
1.4	QPSK	6	0	19.60	19.92	19.85	21.5	0
1.4	16QAM	1	0	19.72	20.00	20.02		
1.4	16QAM	1	3	19.82	20.06	19.72		
1.4	16QAM	1	5	19.85	19.90	19.64	21.5	0
1.4	16QAM	3	0	20.02	20.02	19.90		
1.4	16QAM	3	1	19.81	19.89	19.84		
1.4	16QAM	3	3	19.88	19.75	20.01		
1.4	16QAM	6	0	19.71	19.73	19.68	21.5	0
1.4	64QAM	1	0	19.91	19.80	19.85		
1.4	64QAM	1	3	20.00	19.89	19.67		
1.4	64QAM	1	5	19.80	19.76	19.97	21.5	0
1.4	64QAM	3	0	19.68	19.97	19.99		
1.4	64QAM	3	1	19.59	20.06	19.89		
1.4	64QAM	3	3	19.82	19.97	19.91		
1.4	64QAM	6	0	19.40	19.37	19.34	21	0.5
1.4	256QAM	1	0	17.41	17.57	17.40		
1.4	256QAM	1	3	17.43	17.53	17.46		
1.4	256QAM	1	5	17.39	17.44	17.38	19	2.5
1.4	256QAM	3	0	17.38	17.49	17.44		
1.4	256QAM	3	1	17.39	17.49	17.36		
1.4	256QAM	3	3	17.46	17.52	17.37		
1.4	256QAM	6	0	17.42	17.50	17.44	19	2.5

Band 7 Ant1 Main PA DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20850	21100	21350		
	Frequency (MHz)			2510	2535	2560		
20	QPSK	1	0	19.28	19.38	19.15		
20	QPSK	1	49	19.15	19.21	19.18	20.5	0
20	QPSK	1	99	19.16	19.29	19.22		
20	QPSK	50	0	19.23	19.35	19.13		
20	QPSK	50	24	19.19	19.19	19.12	20.5	0
20	QPSK	50	50	19.18	19.31	19.07		
20	QPSK	100	0	19.19	19.27	19.17		
20	16QAM	1	0	19.19	19.27	19.22		
20	16QAM	1	49	19.13	19.18	19.23	20.5	0
20	16QAM	1	99	19.30	19.14	19.07		
20	16QAM	50	0	19.23	19.18	19.11		
20	16QAM	50	24	19.30	19.30	19.22	20.5	0
20	16QAM	50	50	19.23	19.27	19.08		
20	16QAM	100	0	19.13	19.34	19.15		
20	64QAM	1	0	19.34	19.28	19.22		
20	64QAM	1	49	19.18	19.24	19.24	20.5	0
20	64QAM	1	99	19.34	19.32	19.13		
20	64QAM	50	0	19.16	19.34	19.15		
20	64QAM	50	24	19.16	19.30	19.13	20.5	0
20	64QAM	50	50	19.32	19.21	19.19		
20	64QAM	100	0	19.20	19.18	19.24		
20	256QAM	1	0	18.28	18.36	18.28		
20	256QAM	1	49	18.13	18.21	18.14	19.5	1
20	256QAM	1	99	18.24	18.28	18.19		
20	256QAM	50	0	18.21	18.23	18.20		
20	256QAM	50	24	18.21	18.24	18.23	19.5	1
20	256QAM	50	50	18.22	18.25	18.22		
20	256QAM	100	0	18.23	18.26	18.17		
	Channel			20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2507.5	2535	2562.5		
15	QPSK	1	0	19.24	19.18	19.09		
15	QPSK	1	37	18.99	19.12	18.98	20.5	0
15	QPSK	1	74	19.03	19.25	19.21		
15	QPSK	36	0	19.12	19.18	18.92		
15	QPSK	36	20	19.19	19.34	19.09	20.5	0
15	QPSK	36	39	19.06	19.20	18.87		
15	QPSK	75	0	19.11	19.18	19.11		
15	16QAM	1	0	19.06	19.15	19.21		
15	16QAM	1	37	18.96	19.16	19.09	20.5	0
15	16QAM	1	74	19.29	19.06	18.92		
15	16QAM	36	0	19.09	18.97	19.04		
15	16QAM	36	20	19.25	19.23	19.21	20.5	0
15	16QAM	36	39	19.05	19.06	18.91		
15	16QAM	75	0	19.15	19.28	19.17		
15	64QAM	1	0	19.16	19.22	19.04		
15	64QAM	1	37	19.19	19.25	19.20	20.5	0
15	64QAM	1	74	19.34	19.16	18.98		
15	64QAM	36	0	19.09	19.26	19.04		
15	64QAM	36	20	19.06	19.28	19.13	20.5	0
15	64QAM	36	39	19.34	19.23	19.09		
15	64QAM	75	0	19.18	19.01	19.25		
15	256QAM	1	0	18.27	18.29	18.20		
15	256QAM	1	37	18.11	18.12	18.11	19.5	1
15	256QAM	1	74	18.14	18.21	18.16		
15	256QAM	36	0	18.16	18.18	18.16		
15	256QAM	36	20	18.10	18.16	18.16	19.5	1
15	256QAM	36	39	18.18	18.18	18.16		
15	256QAM	75	0	18.17	18.22	18.12		
	Channel			20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2505	2535	2565		
10	QPSK	1	0	19.21	19.00	19.00		
10	QPSK	1	25	19.04	19.00	19.18	20.5	0
10	QPSK	1	49	18.95	19.23	19.02		
10	QPSK	25	0	18.98	19.17	19.13		
10	QPSK	25	12	19.08	19.30	18.95	20.5	0
10	QPSK	25	25	18.98	19.18	18.94		
10	QPSK	50	0	19.05	19.11	19.14		
10	16QAM	1	0	19.10	19.08	19.08		
10	16QAM	1	25	19.06	19.01	19.08	20.5	0
10	16QAM	1	49	19.20	19.02	19.02		
10	16QAM	25	0	19.02	19.00	19.06		
10	16QAM	25	12	19.10	19.16	19.22	20.5	0
10	16QAM	25	25	19.17	19.11	18.87		
10	16QAM	50	0	19.13	19.33	19.14		
10	64QAM	1	0	19.34	19.27	19.17		
10	64QAM	1	25	19.06	19.04	19.07	20.5	0
10	64QAM	1	49	19.31	19.24	19.15		
10	64QAM	25	0	19.00	19.33	19.16		
10	64QAM	25	12	19.03	19.27	19.03	20.5	0
10	64QAM	25	25	19.26	19.02	19.20		
10	64QAM	50	0	19.00	19.18	19.17		
10	256QAM	1	0	18.25	18.26	18.20		
10	256QAM	1	25	18.06	18.18	18.03	19.5	1
10	256QAM	1	49	18.19	18.22	18.12		
10	256QAM	25	0	18.15	18.22	18.19		
10	256QAM	25	12	18.13	18.16	18.20	19.5	1
10	256QAM	25	25	18.17	18.15	18.19		
10	256QAM	50	0	18.14	18.17	18.12		
	Channel			20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2502.5	2535	2567.5		
5	QPSK	1	0	19.28	19.14	19.00		
5	QPSK	1	12	19.11	19.12	19.07	20.5	0
5	QPSK	1	24	19.07	19.17	19.22		
5	QPSK	12	0	19.09	19.18	19.05		
5	QPSK	12	7	19.20	19.34	19.00	20.5	0
5	QPSK	12	13	19.11	19.29	18.99		
5	QPSK	25	0	19.13	19.05	19.09		
5	16QAM	1	0	19.14	19.09	19.19		
5	16QAM	1	12	18.99	19.03	19.03	20.5	0
5	16QAM	1	24	19.16	18.94	18.93		
5	16QAM	12	0	19.07	19.00	18.92		
5	16QAM	12	7	19.26	19.33	19.19	20.5	0
5	16QAM	12	13	19.18	19.07	19.09		
5	16QAM	25	0	19.04	19.17	18.98		
5	64QAM	1	0	19.27	19.22	19.21		
5	64QAM	1	12	19.02	19.22	19.11	20.5	0
5	64QAM	1	24	19.20	19.20	19.12		
5	64QAM	12	0	19.03	19.14	19.12		
5	64QAM	12	7	19.00	19.26	19.04	20.5	0
5	64QAM	12	13	19.32	19.00	19.12		
5	64QAM	25	0	19.09	19.12	19.15		
5	256QAM	1	0	18.26	18.35	18.18		
5	256QAM	1	12	18.07	18.17	18.05	19.5	1
5	256QAM	1	24	18.15	18.17	18.08		
5	256QAM	12	0	18.18	18.20	18.17		
5	256QAM	12	7	18.18	18.15	18.14	19.5	1
5	256QAM	12	13	18.12	18.24	18.20		
5	256QAM	25	0	18.16	18.23	18.08		

Band 66 Ant1 Other PA DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			132072	132322	132572		
	Frequency (MHz)			1720	1745	1770		
20	QPSK	1	0	19.49	19.53	19.24		
20	QPSK	1	49	19.46	19.43	19.34	19.7	0
20	QPSK	1	99	19.47	19.34	19.31		
20	QPSK	50	0	19.40	19.45	19.27		
20	QPSK	50	24	19.30	19.41	19.31	19.7	0
20	QPSK	50	50	19.27	19.35	19.36		
20	QPSK	100	0	19.30	19.34	19.37		
20	16QAM	1	0	19.27	19.46	19.25		
20	16QAM	1	49	19.46	19.46	19.30	19.7	0
20	16QAM	1	99	19.39	19.32	19.20		
20	16QAM	50	0	19.47	19.41	19.34		
20	16QAM	50	24	19.48	19.34	19.35	19.7	0
20	16QAM	50	50	19.38	19.38	19.28		
20	16QAM	100	0	19.31	19.29	19.32		
20	64QAM	1	0	19.38	19.50	19.31		
20	64QAM	1	49	19.35	19.46	19.31	19.7	0
20	64QAM	1	99	19.47	19.52	19.27		
20	64QAM	50	0	19.29	19.34	19.28		
20	64QAM	50	24	19.29	19.41	19.42	19.7	0
20	64QAM	50	50	19.29	19.36	19.22		
20	64QAM	100	0	19.29	19.51	19.32		
20	256QAM	1	0	19.40	19.42	19.29		
20	256QAM	1	49	19.39	19.39	19.22	19.7	0
20	256QAM	1	99	19.39	19.38	19.20		
20	256QAM	50	0	19.37	19.38	19.20		
20	256QAM	50	24	19.33	19.51	19.24	19.7	0
20	256QAM	50	50	19.44	19.48	19.37		
20	256QAM	100	0	19.30	19.34	19.29		
	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	19.39	19.47	19.14		
15	QPSK	1	37	19.30	19.43	19.21	19.7	0
15	QPSK	1	74	19.45	19.13	19.19		
15	QPSK	36	0	19.26	19.42	19.12		
15	QPSK	36	20	19.41	19.29	19.17	19.7	0
15	QPSK	36	39	19.23	19.28	19.30		
15	QPSK	75	0	19.12	19.24	19.25		
15	16QAM	1	0	19.24	19.28	19.05		
15	16QAM	1	37	19.34	19.44	19.22	19.7	0
15	16QAM	1	74	19.20	19.29	19.05		
15	16QAM	36	0	19.45	19.28	19.26		
15	16QAM	36	20	19.35	19.28	19.21	19.7	0
15	16QAM	36	39	19.20	19.30	19.16		
15	16QAM	75	0	19.14	19.22	19.14		
15	64QAM	1	0	19.31	19.44	19.22		
15	64QAM	1	37	19.34	19.25	19.10	19.7	0
15	64QAM	1	74	19.33	19.30	19.10		
15	64QAM	36	0	19.22	19.26	19.10		
15	64QAM	36	20	19.20	19.35	19.26	19.7	0
15	64QAM	36	39	19.29	19.17	19.08		
15	64QAM	75	0	19.14	19.40	19.31		
15	256QAM	1	0	19.27	19.33	19.08		
15	256QAM	1	37	19.24	19.19	19.24	19.7	0
15	256QAM	1	74	19.25	19.30	19.12		
15	256QAM	36	0	19.17	19.20	19.20		
15	256QAM	36	20	19.35	19.44	19.19	19.7	0
15	256QAM	36	39	19.37	19.44	19.24		
15	256QAM	75	0	19.10	19.14	19.12		
	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1745	1775		
10	QPSK	1	0	19.35	19.34	19.25		
10	QPSK	1	25	19.26	19.41	19.19	19.7	0
10	QPSK	1	49	19.42	19.16	19.20		
10	QPSK	25	0	19.10	19.26	19.15		
10	QPSK	25	12	19.46	19.46	19.07	19.7	0
10	QPSK	25	25	19.21	19.20	19.14		
10	QPSK	50	0	19.13	19.16	19.25		
10	16QAM	1	0	19.22	19.41	19.05		
10	16QAM	1	25	19.38	19.46	19.22	19.7	0
10	16QAM	1	49	19.22	19.21	19.04		
10	16QAM	25	0

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BW [MHz]	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	19.99	20.25	20.11	21	0
20	QPSK	1	49	20.03	20.24	20.04		
20	QPSK	1	99	20.01	20.20	19.92		
20	QPSK	50	0	20.01	20.17	20.12	21	0
20	QPSK	50	24	20.16	20.03	19.97		
20	QPSK	50	50	20.05	20.09	19.99		
20	QPSK	100	0	20.09	20.11	19.97		
20	16QAM	1	0	19.97	20.22	20.02	21	0
20	16QAM	1	49	19.97	20.19	20.01		
20	16QAM	1	99	20.14	20.18	19.91		
20	16QAM	50	0	20.16	20.17	20.02	21	0
20	16QAM	50	24	19.98	20.21	20.07		
20	16QAM	50	50	20.06	20.12	19.95		
20	16QAM	100	0	20.03	20.15	19.93		
20	64QAM	1	0	20.09	20.09	20.00	21	0
20	64QAM	1	49	20.03	20.15	20.00		
20	64QAM	1	99	20.04	20.21	19.95		
20	64QAM	50	0	20.08	20.19	20.12	21	0
20	64QAM	50	24	20.03	20.12	20.06		
20	64QAM	50	50	20.11	20.17	20.09		
20	64QAM	100	0	20.10	20.16	20.10		
20	256QAM	1	0	18.28	18.31	18.26	19	2
20	256QAM	1	49	18.15	18.23	18.19		
20	256QAM	1	99	18.23	18.26	18.17		
20	256QAM	50	0	18.19	18.29	18.26	19	2
20	256QAM	50	24	18.15	18.24	18.14		
20	256QAM	50	50	18.14	18.21	18.15		
20	256QAM	100	0	18.14	18.21	18.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.86	20.06	19.98	21	0
15	QPSK	1	37	19.94	20.07	19.95		
15	QPSK	1	74	19.95	20.16	19.77		
15	QPSK	36	0	20.10	20.05	19.86	21	0
15	QPSK	36	20	19.91	19.92	20.06		
15	QPSK	36	39	19.97	20.11	19.89		
15	QPSK	75	0	19.99	20.10	19.98	21	0
15	16QAM	1	0	19.93	20.21	19.87		
15	16QAM	1	37	19.76	20.05	19.88		
15	16QAM	1	74	19.99	20.19	19.71		
15	16QAM	36	0	20.06	20.11	19.84	21	0
15	16QAM	36	20	19.91	20.08	19.86		
15	16QAM	36	39	19.93	19.91	19.92		
15	16QAM	75	0	19.94	20.05	19.81		
15	64QAM	1	0	20.04	20.10	19.91	21	0
15	64QAM	1	37	19.97	19.96	19.86		
15	64QAM	1	74	19.83	20.20	19.84		
15	64QAM	36	0	20.01	20.14	20.03	21	0
15	64QAM	36	20	19.95	20.02	19.97		
15	64QAM	36	39	20.05	20.13	20.01		
15	64QAM	75	0	20.01	20.13	20.03		
15	256QAM	1	0	18.23	18.24	18.22	19	2
15	256QAM	1	37	18.11	18.20	18.13		
15	256QAM	1	74	18.17	18.17	18.12		
15	256QAM	36	0	18.14	18.27	18.19	19	2
15	256QAM	36	20	18.11	18.18	18.08		
15	256QAM	36	39	18.09	18.10	18.05		
15	256QAM	75	0	18.03	18.10	18.17		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.78	20.20	20.12	21	0
10	QPSK	1	25	19.89	20.21	19.69		
10	QPSK	1	49	19.86	20.10	19.85		
10	QPSK	25	0	20.16	20.12	19.82	21	0
10	QPSK	25	12	19.85	19.91	19.93		
10	QPSK	25	25	20.00	20.08	19.88		
10	QPSK	50	0	19.93	20.10	19.79		
10	16QAM	1	0	19.88	20.03	20.04	21	0
10	16QAM	1	25	19.81	20.03	19.91		
10	16QAM	1	49	19.94	19.98	19.91		
10	16QAM	25	0	20.11	19.99	19.99	21	0
10	16QAM	25	12	19.97	20.19	19.90		
10	16QAM	25	25	19.97	19.96	19.81		
10	16QAM	50	0	19.91	19.99	19.73		
10	64QAM	1	0	20.01	20.04	19.81	21	0
10	64QAM	1	25	19.90	20.04	20.01		
10	64QAM	1	49	19.86	20.13	19.73		
10	64QAM	25	0	20.05	20.18	20.09	21	0
10	64QAM	25	12	19.95	20.02	20.02		
10	64QAM	25	25	20.04	20.09	20.04		
10	64QAM	50	0	20.03	20.09	20.01		
10	256QAM	1	0	18.25	18.21	18.15	19	2
10	256QAM	1	25	18.05	18.20	18.13		
10	256QAM	1	49	18.15	18.22	18.09		
10	256QAM	25	0	18.08	18.22	18.23	19	2
10	256QAM	25	12	18.13	18.15	18.06		
10	256QAM	25	25	18.05	18.11	18.06		
10	256QAM	50	0	18.09	18.19	18.18		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.77	20.20	19.90	21	0
5	QPSK	1	12	19.88	20.10	19.98		
5	QPSK	1	24	19.86	20.13	19.92		
5	QPSK	12	0	20.15	20.14	19.93	21	0
5	QPSK	12	7	19.98	20.02	19.96		
5	QPSK	12	13	19.88	20.11	19.84		
5	QPSK	25	0	19.90	20.12	19.95		
5	16QAM	1	0	19.84	20.11	20.02	21	0
5	16QAM	1	12	19.88	20.03	19.91		
5	16QAM	1	24	20.06	19.97	19.87		
5	16QAM	12	0	20.05	19.98	19.84	21	0
5	16QAM	12	7	19.95	20.02	19.96		
5	16QAM	12	13	20.07	20.04	19.86		
5	16QAM	25	0	20.04	20.17	19.77		
5	64QAM	1	0	20.05	20.06	19.97	21	0
5	64QAM	1	12	19.99	20.04	19.79		
5	64QAM	1	24	19.95	20.19	19.88		
5	64QAM	12	0	20.06	20.11	20.03	21	0
5	64QAM	12	7	19.93	20.02	20.05		
5	64QAM	12	13	20.02	20.07	20.04		
5	64QAM	25	0	20.03	20.10	20.03		
5	256QAM	1	0	18.26	18.22	18.24	19	2
5	256QAM	1	12	18.09	18.17	18.10		
5	256QAM	1	24	18.18	18.23	18.14		
5	256QAM	12	0	18.11	18.27	18.25	19	2
5	256QAM	12	7	18.10	18.16	18.10		
5	256QAM	12	13	18.09	18.17	18.07		
5	256QAM	25	0	18.10	18.18	18.13		

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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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	20.07	20.01	20.22	20.05	20.04	21	0
20	QPSK	1	49	20.06	19.97	20.14	19.98	19.91		
20	QPSK	1	99	20.00	20.00	20.11	19.99	19.90		
20	QPSK	50	0	20.02	20.13	20.20	20.17	20.08	21	0
20	QPSK	50	24	20.03	20.05	20.02	20.10	20.10		
20	QPSK	50	50	20.07	19.93	20.13	20.01	20.12		
20	QPSK	100	0	20.13	20.06	20.19	20.15	20.05		
20	16QAM	1	0	20.17	19.93	20.13	20.03	20.07	21	0
20	16QAM	1	49	20.07	20.01	20.14	20.06	20.03		
20	16QAM	1	99	20.12	20.12	20.14	20.12	19.97		
20	16QAM	50	0	20.05	20.04	20.12	20.00	19.91	21	0
20	16QAM	50	24	20.14	19.95	20.02	19.95	19.97		
20	16QAM	50	50	20.14	20.10	20.11	20.10	20.03		
20	16QAM	100	0	20.03	20.10	20.16	20.02	19.96		
20	64QAM	1	0	20.08	20.05	20.01	19.96	19.95	21	0
20	64QAM	1	49	20.12	20.13	20.14	20.04	19.92		
20	64QAM	1	99	20.18	19.97	20.07	20.14	20.10		
20	64QAM	50	0	19.96	19.92	20.03	19.93	19.97	21	0
20	64QAM	50	24	19.88	19.90	19.99	19.93	19.95		
20	64QAM	50	50	19.95	19.93	19.99	19.97	19.94		
20	64QAM	100	0	19.91	19.96	19.99	19.93	19.93		
20	256QAM	1	0	18.23	18.18	18.25	18.22	18.18	19	2
20	256QAM	1	49	18.22	18.17	18.24	18.22	18.19		
20	256QAM	1	99	18.16	18.16	18.19	18.08	18.17		
20	256QAM	50	0	18.06	18.06	18.16	18.09	18.08	19	2
20	256QAM	50	24	18.17	18.09	18.20	18.17	18.10		
20	256QAM	50	50	18.19	18.16	18.23	18.15	18.20		
20	256QAM	100	0	18.22	18.19	18.24	18.15	18.20		
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	19.89	19.90	19.99	19.96	19.91	21	0
15	QPSK	1	37	19.96	19.77	19.96	19.90	19.78		
15	QPSK	1	74	19.80	19.81	19.92	19.81	19.69		
15	QPSK	36	0	19.84	19.86	19.86	20.08	20.03	21	0
15	QPSK	36	20	20.01	19.99	20.00	20.10	19.88		
15	QPSK	36	39	19.92	19.72	19.97	19.91	19.91		
15	QPSK	75	0	20.07	20.03	20.20	19.98	19.92		
15	16QAM	1	0	20.05	19.94	20.15	20.04	19.91	21	0
15	16QAM	1	37	19.87	19.82	19.92	19.89	19.97		
15	16QAM	1	74	19.94	20.03	20.05	20.12	19.94		
15	16QAM	36	0	19.86	19.97	19.96	19.88	19.71	21	0
15	16QAM	36	20	19.97	19.96	19.92	19.78	19.89		
15	16QAM	36	39	20.13	20.12	19.99	19.98	20.00		
15	16QAM	75	0	20.00	19.97	20.09	19.97	19.82		
15	64QAM	1	0	19.90	19.96	20.02	19.82	19.83	21	0
15	64QAM	1	37	20.12	20.01	19.96	20.00	19.79		
15	64QAM	1	74	20.20	19.92	20.00	20.02	20.02		
15	64QAM	36	0	19.86	19.86	20.00	19.83	19.91	21	0
15	64QAM	36	20	19.78	19.88	19.91	19.90	19.87		
15	64QAM	36	39	19.92	19.85	19.90	19.92	19.87		
15	64QAM	75	0	19.83	19.94	19.96	19.89	19.88		
15	256QAM	1	0	18.17	18.16	18.14	18.17	18.14	19	2
15	256QAM	1	37	18.14	18.11	18.23	18.16	18.14		
15	256QAM	1	74	18.10	18.09	18.13	18.04	18.13		
15	256QAM	36	0	17.95	17.99	18.12	18.01	18.04	19	2
15	256QAM	36	20	18.15	18.03	18.16	18.09	18.03		
15	256QAM	36	39	18.15	18.12	18.13	18.08	18.18		
15	256QAM	73	0	18.17	18.08	18.19	18.11	18.17		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.03	19.87	19.93	19.92	19.99	21	0
10	QPSK	1	25	19.85	19.89	19.93	19.79	19.72		
10	QPSK	1	49	19.94	19.98	19.92	19.96	19.78		
10	QPSK	25	0	19.82	20.03	20.01	20.10	20.01	21	0
10	QPSK	25	12	19.88	20.01	20.07	20.16	20.01		
10	QPSK	25	25	19.97	20.06	20.11	19.91	19.96		
10	QPSK	50	0	20.09	19.91	20.03	20.04	19.90		
10	16QAM	1	0	20.08	19.87	19.98	19.96	20.03	21	0
10	16QAM	1	25	20.06	19.84	19.98	19.87	19.92		
10	16QAM	1	49	19.96	20.02	20.08	19.97	19.82		
10	16QAM	25	0	20.01	19.93	19.91	19.79	19.85	21	0
10	16QAM	25	12	20.13	19.83	19.90	19.82	19.82		
10	16QAM	25	25	20.04	19.98	20.00	19.90	20.02		
10	16QAM	50	0	19.98	20.06	20.11	19.99	19.89		
10	64QAM	1	0	19.92	19.91	20.19	19.88	19.76	21	0
10	64QAM	1	25	19.91	20.10	20.13	20.04	19.82		
10	64QAM	1	49	19.98	19.85	19.88	19.96	19.97		
10	64QAM	25	0	19.89	19.84	19.97	19.86	19.89	21	0
10	64QAM	25	12	19.77	19.81	19.93	19.92	19.93		
10	64QAM	25	25	19.85	19.83	19.94	19.94	19.88		
10	64QAM	50	0	19.88	19.93	19.93	19.87	19.87		
10	256QAM	1	0	18.18	18.10	18.17	18.11	18.14	19	2
10	256QAM	1	25	18.17	18.08	18.18	18.17	18.10		
10	256QAM	1	49	18.13	18.14	18.15	18.01	18.15		
10	256QAM	25	0	18.04	18.00	18.10	18.04	18.01	19	2
10	256QAM	25	12	18.10	18.06	18.13	18.06	18.06		
10	256QAM	25	25	18.18	18.07	18.15	18.11	18.10		
10	256QAM	50	0	18.16	18.12	18.18	18.04	18.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.08	19.83	19.81	20.00	19.95	21	0
5	QPSK	1	12	19.84	19.96	20.10	19.68	19.91		
5	QPSK	1	24	19.99	19.99	20.12	19.90	19.87		
5	QPSK	12	0	20.02	20.02	19.81	19.99	19.93	21	0
5	QPSK	12	7	19.95	20.05	20.07	20.13	19.89		
5	QPSK	12	13	19.98	19.89	19.98	19.98	20.04		
5	QPSK	25	0	19.97	20.05	19.98	20.12	19.88		
5	16QAM	1	0	20.15	19.85	20.02	19.84	19.98	21	0
5	16QAM	1	12	20.01	19.91	20.10	19.94	20.04		
5	16QAM	1	24	20.00	19.98	20.00	20.13	19.95		
5	16QAM	12	0	19.98	19.99	20.02	20.01	19.88	21	0
5	16QAM	12	7	20.13	19.81	19.89	19.75	19.80		
5	16QAM	12	13	19.98	20.04	19.91	19.68	19.82		
5	16QAM	25	0	19.88	20.06	20.16	19.91	19.76		
5	64QAM	1	0	20.07	19.88	20.16	19.95	19.79	21	0
5	64QAM	1	12	20.08	20.00	20.08	19.87	19.81		
5	64QAM	1	24	20.16	19.94	19.96	19.96	20.07		
5	64QAM	12	0	19.89	19.82	19.96	19.86	19.94	21	0
5	64QAM	12	7	19.79	19.87	19.88	19.87	19.87		
5	64QAM	12	13	19.87	19.91	19.88	19.87	19.83		
5	64QAM	25	0	19.84	19.92	19.93	19.85	19.90		
5	256QAM	1	0	18.15	18.12	18.17	18.12	18.16	19	2
5	256QAM	1	12	18.13	18.15	18.18	18.15	18.16		
5	256QAM	1	24	18.14	18.12	18.17	17.98	18.15		
5	256QAM	12	0	18.01	17.98	18.08	18.06	18.03	19	2
5	256QAM	12	7	18.06	17.99	18.13	18.13	18.02		
5	256QAM	12	13	18.09	18.10	18.14	18.13	18.14		
5	256QAM	25	0	18.14	18.15	18.20	18.13	18.10		

Reduced Power for NSA DSI 2

Band 4 Ant0 Main PA DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.36	20.46	20.24	21.5	0
20	QPSK	1	49	20.38	20.31	20.28		
20	QPSK	1	99	20.3	20.29	20.42		
20	QPSK	50	0	20.23	20.41	20.32	21.5	0
20	QPSK	50	24	20.22	20.37	20.25		
20	QPSK	50	50	20.21	20.39	20.26		
20	QPSK	100	0	20.35	20.38	20.24		
20	16QAM	1	0	20.26	20.41	20.32	21.5	0
20	16QAM	1	49	20.25	20.45	20.3		
20	16QAM	1	99	20.33	20.32	20.35		
20	16QAM	50	0	20.41	20.49	20.39	21.5	0
20	16QAM	50	24	20.36	20.3	20.43		
20	16QAM	50	50	20.29	20.48	20.26		
20	16QAM	100	0	20.38	20.43	20.36		
20	64QAM	1	0	20.38	20.29	20.39	21.5	0
20	64QAM	1	49	20.18	20.37	20.4		
20	64QAM	1	99	20.25	20.51	20.24		
20	64QAM	50	0	19.86	19.95	19.9	21	0.5
20	64QAM	50	24	19.91	20.01	19.94		
20	64QAM	50	50	19.96	20	19.94		
20	64QAM	100	0	19.88	19.95	19.84		
20	256QAM	1	0	17.67	17.71	17.65	19	2.5
20	256QAM	1	49	17.55	17.61	17.53		
20	256QAM	1	99	17.58	17.6	17.57		
20	256QAM	50	0	17.59	17.69	17.59	19	2.5
20	256QAM	50	24	17.56	17.67	17.58		
20	256QAM	50	50	17.59	17.64	17.59		
20	256QAM	100	0	17.57	17.65	17.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.22	20.23	20.25	21.5	0
15	QPSK	1	37	20.21	20.28	20.1		
15	QPSK	1	74	20.24	20.22	20.23		
15	QPSK	36	0	20.14	20.23	20.14	21.5	0
15	QPSK	36	20	20.19	20.11	20.1		
15	QPSK	36	39	20.02	20.2	20.23		
15	QPSK	75	0	20.2	20.4	20.19		
15	16QAM	1	0	20.19	20.22	20.21	21.5	0
15	16QAM	1	37	20.21	20.42	20.2		
15	16QAM	1	74	20.13	20.13	20.28		
15	16QAM	36	0	20.33	20.36	20.37	21.5	0
15	16QAM	36	20	20.16	20.26	20.41		
15	16QAM	36	39	20.21	20.3	20.14		
15	16QAM	75	0	20.17	20.45	20.31		
15	64QAM	1	0	20.38	20.14	20.41	21.5	0
15	64QAM	1	37	20.12	20.27	20.27		
15	64QAM	1	74	20.2	20.43	20.22		
15	64QAM	36	0	19.82	19.93	19.84	21	0.5
15	64QAM	36	20	19.85	19.91	19.86		
15	64QAM	36	39	19.9	19.89	19.86		
15	64QAM	75	0	19.77	19.92	19.77		
15	256QAM	1	0	17.65	17.68	17.61	19	2.5
15	256QAM	1	37	17.46	17.53	17.52		
15	256QAM	1	74	17.5	17.54	17.51		
15	256QAM	36	0	17.53	17.61	17.58	19	2.5
15	256QAM	36	20	17.52	17.63	17.53		
15	256QAM	36	39	17.49	17.55	17.5		
15	256QAM	75	0	17.48	17.56	17.53		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.29	20.38	20.1	21.5	0
10	QPSK	1	25	20.32	20.28	20.2		
10	QPSK	1	49	20.24	20.16	20.24		
10	QPSK	25	0	20.18	20.22	20.15	21.5	0
10	QPSK	25	12	20.06	20.3	20.23		
10	QPSK	25	25	20.19	20.4	20.05		
10	QPSK	50	0	20.29	20.45	20.21		
10	16QAM	1	0	20.13	20.22	20.25	21.5	0
10	16QAM	1	25	20.22	20.33	20.09		
10	16QAM	1	49	20.19	20.18	20.16		
10	16QAM	25	0	20.24	20.31	20.3	21.5	0
10	16QAM	25	12	20.24	20.22	20.32		
10	16QAM	25	25	20.12	20.27	20.19		
10	16QAM	50	0	20.2	20.28	20.28		
10	64QAM	1	0	20.31	20.22	20.4	21.5	0
10	64QAM	1	25	20.18	20.25	20.44		
10	64QAM	1	49	20.14	20.41	20.03		
10	64QAM	25	0	19.76	19.91	19.8	21	0.5
10	64QAM	25	12	19.81	19.99	19.91		
10	64QAM	25	25	19.89	19.96	19.85		
10	64QAM	50	0	19.82	19.84	19.76		
10	256QAM	1	0	17.62	17.68	17.57	19	2.5
10	256QAM	1	25	17.46	17.53	17.45		
10	256QAM	1	49	17.48	17.59	17.51		
10	256QAM	25	0	17.57	17.61	17.55	19	2.5
10	256QAM	25	12	17.5	17.64	17.52		
10	256QAM	25	25	17.54	17.61	17.56		
10	256QAM	50	0	17.53	17.61	17.5		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.32	20.15	20.07	21.5	0
5	QPSK	1	12	20.29	20.19	20.29		
5	QPSK	1	24	20.28	20.21	20.2		
5	QPSK	12	0	20.04	20.22	20.08	21.5	0
5	QPSK	12	7	20.04	20.19	20.13		
5	QPSK	12	13	20.12	20.21	20.04		
5	QPSK	25	0	20.16	20.26	20.12		
5	16QAM	1	0	20.24	20.36	20.21	21.5	0
5	16QAM	1	12	20.23	20.37	20.16		
5	16QAM	1	24	20.15	20.32	20.18		
5	16QAM	12	0	20.37	20.29	20.19	21.5	0
5	16QAM	12	7	20.25	20.26	20.23		
5	16QAM	12	13	20.23	20.35	20.18		
5	16QAM	25	0	20.25	20.33	20.21		
5	64QAM	1	0	20.24	20.25	20.32	21.5	0
5	64QAM	1	12	19.99	20.34	20.25		
5	64QAM	1	24	20.13	20.3	20.19	21	0.5
5	64QAM	12	0	19.78	19.85	19.85		
5	64QAM	12	7	19.87	19.99	19.93		
5	64QAM	12	13	19.9	19.97	19.84		
5	64QAM	25	0	19.81	19.94	19.83		
5	256QAM	1	0	17.61	17.65	17.57	19	2.5
5	256QAM	1	12	17.51	17.57	17.47		
5	256QAM	1	24	17.55	17.58	17.49		
5	256QAM	12	0	17.56	17.63	17.58	19	2.5
5	256QAM	12	7	17.47	17.66	17.54		
5	256QAM	12	13	17.48	17.56	17.5		
5	256QAM	25	0	17.51	17.6	17.51		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.15	20.33	20.17	21.5	0
3	QPSK	1	8	20.31	20.15	20.19		
3	QPSK	1	14	20.12	20.2	20.4		
3	QPSK	8	0	20.09	20.37	20.27	21.5	0
3	QPSK	8	4	20.03	20.24	20.27		
3	QPSK	8	7	20.19	20.26	20.24		
3	QPSK	15	0	20.33	20.42	20.14		
3	16QAM	1	0	20.2	20.4	20.27	21.5	0
3	16QAM	1	8	20.04	20.36	20.24		
3	16QAM	1	14	20.26	20.12	20.27		
3	16QAM	8	0	20.34	20.42	20.3	21.5	0
3	16QAM	8	4	20.28	20.31	20.25		
3	16QAM	8	7	20.13	20.41	20.11		
3	16QAM	15	0	20.21	20.26	20.21		
3	64QAM	1	0	20.27	20.3	20.3	21.5	0
3	64QAM	1	8	19.98	20.22	20.36		
3	64QAM	1	14	20.25	20.32	20.25		
3	64QAM	8	0	19.81	19.93	19.84	21	0.5
3	64QAM	8	4	19.85	19.97	19.87		
3	64QAM	8	7	19.9	19.99	19.91		
3	64QAM	15	0	19.77	19.9	19.81		
3	256QAM	1	0	17.62	17.68	17.59	19	2.5
3	256QAM	1	8	17.5	17.51	17.49		
3	256QAM	1	14	17.56	17.49	17.56	19	2.5
3	256QAM	8	0	17.49	17.68	17.55		
3	256QAM	8	4	17.54	17.6	17.48		
3	256QAM	8	7	17.49	17.57	17.53		
3	256QAM	15	0	17.48	17.58	17.5		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.17	20.32	20.1	21.5	0
1.4	QPSK	1	3	20.27	20.26	20.12		
1.4	QPSK	1	5	20.29	20.08	20.35		
1.4	QPSK	3	0	20	20.21	20.21		
1.4	QPSK	3	1	20.19	20.31	20.16		
1.4	QPSK	3	3	20.02	20.22	20.22		
1.4	QPSK	6	0	20.33	20.4	20.23	21.5	0
1.4	16QAM	1	0	20.27	20.38	20.26	21.5	0
1.4	16QAM	1	3	20.14	20.25	20.15		
1.4	16QAM	1	5	20.23	20.1	20.28		
1.4	16QAM	3	0	20.25	20.35	20.22		
1.4	16QAM	3	1	20.22	20.2	20.29		
1.4	16QAM	3	3	20.3	20.43	20.06		
1.4	16QAM	6	0	20.28	20.23	20.28	21.5	0
1.4	64QAM	1	0	20.29	20.21	20.28	21.5	0
1.4	64QAM	1	3	20.1	20.31	20.36		
1.4	64QAM	1	5	20.26	20.44	20.17		
1.4	64QAM	3	0	20.36	20.34	20.1		
1.4	64QAM	3	1	20.28	20.25	20.03		
1.4	64QAM	3	3	20.19	20.23	20.25		
1.4	64QAM	6	0	19.8	19.92	19.79	21	0.5
1.4	256QAM	1	0	17.63	17.67	17.59	19	2.5
1.4	256QAM	1	3	17.48	17.53	17.47		
1.4	256QAM	1	5	17.54	17.5	17.48		
1.4	256QAM	3	0	17.56	17.62	17.5		
1.4	256QAM	3	1	17.46	17.65	17.5		
1.4	256QAM	3	3	17.52	17.54	17.57		
1.4	256QAM	6	0	17.46	17.63	17.55	19	2.5

Band 7 Ant0 Main PA DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.77	21.85	21.56	23	0
20	QPSK	1	49	21.67	21.76	21.71		
20	QPSK	1	99	21.62	21.66	21.68		
20	QPSK	50	0	21.59	21.77	21.58	23	0
20	QPSK	50	24	21.56	21.73	21.75		
20	QPSK	50	50	21.66	21.68	21.6		
20	QPSK	100	0	21.68	21.75	21.71		
20	16QAM	1	0	21.71	21.71	21.68	23	0
20	16QAM	1	49	21.57	21.81	21.56		
20	16QAM	1	99	21.56	21.68	21.67		
20	16QAM	50	0	21.46	21.49	21.38	22.5	0.5
20	16QAM	50	24	21.37	21.43	21.41		
20	16QAM	50	50	21.38	21.48	21.46		
20	16QAM	100	0	21.45	21.5	21.42		
20	64QAM	1	0	21.49	21.53	21.47	22.5	0.5
20	64QAM	1	49	21.33	21.43	21.35		
20	64QAM	1	99	21.38	21.48	21.42		
20	64QAM	50	0	20.49	20.54	20.49	21.5	1.5
20	64QAM	50	24	20.52	20.57	20.53		
20	64QAM	50	50	20.46	20.52	20.48		
20	64QAM	100	0	20.43	20.52	20.45		
20	256QAM	1	0	18.16	18.19	18.12	19.5	3.5
20	256QAM	1	49	18.13	18.18	18.14		
20	256QAM	1	99	18.01	18.11	18.09		
20	256QAM	50	0	18.16	18.2	18.11	19.5	3.5
20	256QAM	50	24	18.19	18.2	18.17		
20	256QAM	50	50	18.17	18.19	18.15		
20	256QAM	100	0	18.2	18.22	18.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.77	21.76	21.58	23	0
15	QPSK	1	37	21.62	21.7	21.59		
15	QPSK	1	74	21.5	21.63	21.54		
15	QPSK	36	0	21.59	21.72	21.61	23	0
15	QPSK	36	20	21.59	21.6	21.58		
15	QPSK	36	39	21.52	21.59	21.61		
15	QPSK	75	0	21.52	21.75	21.66		
15	16QAM	1	0	21.64	21.63	21.54	23	0
15	16QAM	1	37	21.51	21.61	21.59		
15	16QAM	1	74	21.53	21.56	21.58		
15	16QAM	36	0	21.42	21.45	21.35	22.5	0.5
15	16QAM	36	20	21.32	21.42	21.32		
15	16QAM	36	39	21.28	21.47	21.37		
15	16QAM	75	0	21.36	21.43	21.33		
15	64QAM	1	0	21.4	21.44	21.39	22.5	0.5
15	64QAM	1	37	21.28	21.4	21.31		
15	64QAM	1	74	21.29	21.39	21.38		
15	64QAM	36	0	20.46	20.49	20.47	21.5	1.5
15	64QAM	36	20	20.47	20.54	20.51		
15	64QAM	36	39	20.39	20.51	20.46		
15	64QAM	75	0	20.33	20.46	20.43		
15	256QAM	1	0	18.13	18.17	18.05	19.5	3.5
15	256QAM	1	37	18.03	18.16	18.04		
15	256QAM	1	74	18.13	18.05	18.02		
15	256QAM	36	0	18.09	18.15	18.01	19.5	3.5
15	256QAM	36	20	18.16	18.15	18.11		
15	256QAM	36	39	18.08	18.13	18.09		
15	256QAM	75	0	18.16	18.18	18.04		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.55	21.59	21.52	23	0
10	QPSK	1	25	21.63	21.58	21.67		
10	QPSK	1	49	21.55	21.55	21.58		
10	QPSK	25	0	21.59	21.62	21.58	23	0
10	QPSK	25	12	21.58	21.68	21.58		
10	QPSK	25	25	21.61	21.59	21.58		
10	QPSK	50	0	21.58	21.68	21.7		
10	16QAM	1	0	21.53	21.52	21.53	23	0
10	16QAM	1	25	21.59	21.61	21.51		
10	16QAM	1	49	21.57	21.58	21.64		
10	16QAM	25	0	21.36	21.44	21.28	22.5	0.5
10	16QAM	25	12	21.29	21.33	21.34		
10	16QAM	25	25	21.3	21.41	21.36		
10	16QAM	50	0	21.41	21.48	21.35		
10	64QAM	1	0	21.43	21.44	21.42	22.5	0.5
10	64QAM	1	25	21.24	21.33	21.24		
10	64QAM	1	49	21.3	21.47	21.34		
10	64QAM	25	0	20.48	20.51	20.44	21.5	1.5
10	64QAM	25	12	20.48	20.56	20.51		
10	64QAM	25	25	20.38	20.47	20.47		
10	64QAM	50	0	20.39	20.43	20.44		
10	256QAM	1	0	18.12	18.15	18.06	19.5	3.5
10	256QAM	1	25	18.06	18.13	18.07		
10	256QAM	1	49	18.13	18.08	18.01		
10	256QAM	25	0	18.07	18.12	18.07	19.5	3.5
10	256QAM	25	12	18.16	18.19	18.13		
10	256QAM	25	25	18.08	18.18	18.14		
10	256QAM	50	0	18.16	18.2	18.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.74	21.63	21.52	23	0
5	QPSK	1	12	21.57	21.55	21.7		
5	QPSK	1	24	21.59	21.55	21.67		
5	QPSK	12	0	21.51	21.77	21.66	23	0
5	QPSK	12	7	21.57	21.75	21.59		
5	QPSK	12	13	21.59	21.51	21.58		
5	QPSK	25	0	21.54	21.74	21.55		
5	16QAM	1	0	21.53	21.5	21.52	23	0
5	16QAM	1	12	21.53	21.73	21.58		
5	16QAM	1	24	21.51	21.64	21.64		
5	16QAM	12	0	21.45	21.44	21.32	22.5	0.5
5	16QAM	12	7	21.32	21.34	21.39		
5	16QAM	12	13	21.35	21.44	21.44		
5	16QAM	25	0	21.37	21.4	21.34		
5	64QAM	1	0	21.41	21.46	21.39	22.5	0.5
5	64QAM	1	12	21.27	21.42	21.27		
5	64QAM	1	24	21.33	21.38	21.4		
5	64QAM	12	0	20.43	20.46	20.46	21.5	1.5
5	64QAM	12	7	20.49	20.52	20.43		
5	64QAM	12	13	20.4	20.5	20.42		
5	64QAM	25	0	20.35	20.46	20.35		
5	256QAM	1	0	18.14	18.14	18.11	19.5	3.5
5	256QAM	1	12	18.07	18.08	18.07		
5	256QAM	1	24	18	18.02	18.01		
5	256QAM	12	0	18.08	18.15	18.01	19.5	3.5
5	256QAM	12	7	18.12	18.1	18.13		
5	256QAM	12	13	18.06	18.16	18.05		
5	256QAM	25	0	18.11	18.13	18.11		

Band 66 Ant0 Other PA DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.72	23.86	23.59	24.2	0
20	QPSK	1	49	23.83	23.67	23.58		
20	QPSK	1	99	23.67	23.62	23.73		
20	QPSK	50	0	23.8	23.82	23.76		
20	QPSK	50	24	23.65	23.69	23.77		
20	QPSK	50	50	23.78	23.91	23.61		
20	QPSK	100	0	23.73	23.84	23.72		
20	16QAM	1	0	23.69	23.79	23.61	24.2	0
20	16QAM	1	49	23.74	23.79	23.68		
20	16QAM	1	99	23.66	23.68	23.68		
20	16QAM	50	0	23.09	23.13	23.11	23.7	0.5
20	16QAM	50	24	23.05	23.14	23.07		
20	16QAM	50	50	23.06	23.14	23.12		
20	16QAM	100	0	23.08	23.14	23.11		
20	64QAM	1	0	23.13	23.2	23.14	23.7	0.5
20	64QAM	1	49	23.15	23.19	23.1		
20	64QAM	1	99	23.1	23.19	23.14		
20	64QAM	50	0	22.11	22.14	22.1	22.7	1.5
20	64QAM	50	24	22.13	22.22	22.13		
20	64QAM	50	50	22.17	22.2	22.17		
20	64QAM	100	0	22.07	22.15	22.04		
20	256QAM	1	0	20.15	20.21	20.12	20.7	3.5
20	256QAM	1	49	20.1	20.21	20.12		
20	256QAM	1	99	20.08	20.19	20.09		
20	256QAM	50	0	20.13	20.18	20.13	20.7	3.5
20	256QAM	50	24	20.14	20.21	20.19		
20	256QAM	50	50	20.14	20.16	20.15		
20	256QAM	100	0	20.03	20.14	20.1		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.7	23.69	23.55	24.2	0
15	QPSK	1	37	23.83	23.65	23.49		
15	QPSK	1	74	23.47	23.63	23.69		
15	QPSK	36	0	23.64	23.66	23.77	24.2	0
15	QPSK	36	20	23.7	23.69	23.64		
15	QPSK	36	39	23.78	23.82	23.51		
15	QPSK	75	0	23.7	23.62	23.56		
15	16QAM	1	0	23.62	23.68	23.61	24.2	0
15	16QAM	1	37	23.55	23.57	23.52		
15	16QAM	1	74	23.56	23.68	23.62		
15	16QAM	36	0	23.03	23.04	23.09	23.7	0.5
15	16QAM	36	20	22.98	23.13	22.98		
15	16QAM	36	39	22.98	23.04	23.09		
15	16QAM	75	0	22.98	23.11	23.07		
15	64QAM	1	0	23.02	23.13	23.11	23.7	0.5
15	64QAM	1	37	23.06	23.1	23.02		
15	64QAM	1	74	23.07	23.11	23.13		
15	64QAM	36	0	22.07	22.05	22	22.7	1.5
15	64QAM	36	20	22.11	22.18	22.03		
15	64QAM	36	39	22.07	22.13	22.09		
15	64QAM	75	0	22	22.12	22.03		
15	256QAM	1	0	20.05	20.14	20.07	20.7	3.5
15	256QAM	1	37	20	20.16	20.1		
15	256QAM	1	74	20.01	20.13	20.03		
15	256QAM	36	0	20.11	20.16	20.08	20.7	3.5
15	256QAM	36	20	20.12	20.19	20.12		
15	256QAM	36	39	20.06	20.09	20.09		
15	256QAM	75	0	19.93	20.1	20.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.63	23.57	23.58	24.2	0
10	QPSK	1	25	23.68	23.62	23.55		
10	QPSK	1	49	23.58	23.55	23.71		
10	QPSK	25	0	23.64	23.48	23.78	24.2	0
10	QPSK	25	12	23.61	23.62	23.72		
10	QPSK	25	25	23.79	23.62	23.44		
10	QPSK	50	0	23.66	23.79	23.65		
10	16QAM	1	0	23.69	23.59	23.42	24.2	0
10	16QAM	1	25	23.62	23.72	23.58		
10	16QAM	1	49	23.46	23.

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BW [MHz]	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	2695	2610		
20	QPSK	1	0	23.21	23.29	23.15	24	0
20	QPSK	1	49	23.02	23.09	22.99		
20	QPSK	1	99	23.08	23.15	23.04		
20	QPSK	50	0	22.09	22.45	22.16	23	1
20	QPSK	50	24	22.29	22.4	22.33		
20	QPSK	50	50	22.14	22.21	22.10		
20	QPSK	100	0	22.31	22.35	22.26		
20	16QAM	1	0	22.17	22.20	22.16	23	1
20	16QAM	1	49	22.09	22.17	22.13		
20	16QAM	1	99	22.09	22.16	22.13		
20	16QAM	50	0	21.18	21.20	21.13	22	2
20	16QAM	50	24	21.17	21.24	21.14		
20	16QAM	50	50	21.06	21.16	21.12		
20	16QAM	100	0	21.10	21.20	21.13		
20	64QAM	1	0	21.28	21.30	21.23	22	2
20	64QAM	1	49	21.15	21.21	21.19		
20	64QAM	1	99	21.18	21.24	21.23		
20	64QAM	50	0	20.13	20.16	20.07	21	3
20	64QAM	50	24	20.14	20.19	20.12		
20	64QAM	50	50	20.13	20.23	20.13		
20	64QAM	100	0	20.12	20.21	20.18		
20	256QAM	1	0	17.94	18.01	17.94	19	5
20	256QAM	1	49	17.83	17.93	17.89		
20	256QAM	1	99	17.91	17.94	17.88		
20	256QAM	50	0	17.93	17.97	17.94	19	5
20	256QAM	50	24	17.89	17.98	17.92		
20	256QAM	50	50	17.93	17.99	17.97		
20	256QAM	100	0	17.89	17.96	17.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.21	23.07	23.02	24	0
15	QPSK	1	37	22.95	22.97	23.00		
15	QPSK	1	74	22.94	23.03	22.98		
15	QPSK	36	0	22.12	22.32	22.20	23	1
15	QPSK	36	20	22.02	22.45	22.12		
15	QPSK	36	39	22.11	22.16	21.94		
15	QPSK	75	0	22.19	22.19	22.20		
15	16QAM	1	0	22.09	21.99	21.95	23	1
15	16QAM	1	37	22.11	22.11	22.01		
15	16QAM	1	74	22.07	22.01	21.92		
15	16QAM	36	0	21.18	20.99	21.09	22	2
15	16QAM	36	20	21.01	21.25	20.99		
15	16QAM	36	39	20.90	20.99	21.10		
15	16QAM	75	0	20.95	21.04	20.99		
15	64QAM	1	0	21.25	21.24	21.05	22	2
15	64QAM	1	37	21.09	21.15	21.18		
15	64QAM	1	74	20.97	21.12	21.21		
15	64QAM	36	0	19.92	19.96	20.03	21	3
15	64QAM	36	20	20.05	20.15	19.99		
15	64QAM	36	39	19.95	20.14	20.03		
15	64QAM	75	0	20.05	20.00	20.03		
15	256QAM	1	0	17.95	17.84	17.79	19	5
15	256QAM	1	37	17.85	17.93	17.69		
15	256QAM	1	74	17.70	17.89	17.87		
15	256QAM	36	0	17.86	17.77	17.94	19	5
15	256QAM	36	20	17.80	17.79	17.89		
15	256QAM	36	39	17.86	18.00	17.91		
15	256QAM	75	0	17.85	17.85	17.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.09	23.21	23.12	24	0
10	QPSK	1	25	22.82	22.87	22.84		
10	QPSK	1	49	22.93	23.00	23.00		
10	QPSK	25	0	22.30	22.21	22.16	23	1
10	QPSK	25	12	21.98	22.38	22.10		
10	QPSK	25	25	22.14	22.12	22.12		
10	QPSK	50	0	22.28	22.16	22.12		
10	16QAM	1	0	22.10	22.15	22.04	23	1
10	16QAM	1	25	21.95	22.13	22.04		
10	16QAM	1	49	21.99	22.14	21.96		
10	16QAM	25	0	21.16	21.18	21.15	22	2
10	16QAM	25	12	20.99	21.17	20.94		
10	16QAM	25	25	20.98	20.99	21.03		
10	16QAM	50	0	20.96	20.99	21.11		
10	64QAM	1	0	21.25	21.21	21.16	22	2
10	64QAM	1	25	21.07	21.16	21.14		
10	64QAM	1	49	21.06	21.05	21.11		
10	64QAM	25	0	20.10	20.15	19.94	21	3
10	64QAM	25	12	20.08	20.16	19.94		
10	64QAM	25	25	19.93	20.11	20.01		
10	64QAM	50	0	20.07	20.19	20.10		
10	256QAM	1	0	17.94	18.02	17.82	19	5
10	256QAM	1	25	17.83	17.85	17.69		
10	256QAM	1	49	17.76	17.75	17.73		
10	256QAM	25	0	17.77	17.87	17.76	19	5
10	256QAM	25	12	17.71	17.87	17.87		
10	256QAM	25	25	17.83	17.90	17.92		
10	256QAM	50	0	17.68	17.92	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.09	23.13	23.15	24	0
5	QPSK	1	12	23.02	22.99	22.87		
5	QPSK	1	24	22.89	23.17	22.85		
5	QPSK	12	0	22.25	22.31	22.11	23	1
5	QPSK	12	7	21.89	22.41	22.01		
5	QPSK	12	13	21.97	22.11	22.12		
5	QPSK	25	0	22.12	22.21	22.19		
5	16QAM	1	0	22.13	22.20	22.00	23	1
5	16QAM	1	12	21.97	22.07	22.13		
5	16QAM	1	24	22.05	22.17	21.98		
5	16QAM	12	0	20.96	20.99	21.08	22	2
5	16QAM	12	7	20.96	21.25	21.10		
5	16QAM	12	13	21.00	21.08	20.92		
5	16QAM	25	0	20.99	21.04	21.04		
5	64QAM	1	0	21.22	21.21	21.20	22	2
5	64QAM	1	12	20.95	21.17	21.03		
5	64QAM	1	24	21.12	21.16	21.22		
5	64QAM	12	0	19.99	20.08	19.97	21	3
5	64QAM	12	7	20.15	20.15	20.04		
5	64QAM	12	13	20.08	20.24	19.93		
5	64QAM	25	0	20.10	20.20	19.99		
5	256QAM	1	0	17.89	17.97	17.94	19	5
5	256QAM	1	12	17.80	17.81	17.81		
5	256QAM	1	24	17.87	17.78	17.83		
5	256QAM	12	0	17.79	17.84	17.85	19	5
5	256QAM	12	7	17.77	17.83	17.75		
5	256QAM	12	13	17.83	17.85	17.96		
5	256QAM	25	0	17.79	17.79	17.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.15	23.05	23.17	23.01	23.08	24	0
20	QPSK	1	49	22.99	22.97	23.05	23.02	22.99		
20	QPSK	1	99	22.98	22.96	23.01	22.93	22.95		
20	QPSK	50	0	22.22	22.26	22.39	22.21	22.30	23	1
20	QPSK	50	24	22.34	22.33	22.35	22.27	22.29		
20	QPSK	50	50	22.11	22.05	22.15	22.10	22.06		
20	QPSK	100	0	22.20	22.20	22.25	22.19	22.18		
20	16QAM	1	0	21.97	21.97	22.08	22.02	22.01	23	1
20	16QAM	1	49	21.94	22.00	22.03	21.96	22.00		
20	16QAM	1	99	22.01	21.95	22.05	21.98	22.01		
20	16QAM	50	0	21.00	21.01	21.04	21.00	20.99	22	2
20	16QAM	50	24	21.00	21.00	21.10	21.05	21.02		
20	16QAM	50	50	21.09	20.99	21.10	21.00	21.02		
20	16QAM	100	0	21.00	20.96	21.06	21.02	21.00		
20	64QAM	1	0	21.21	21.14	21.23	21.16	21.13	22	2
20	64QAM	1	49	21.09	21.08	21.12	21.05	21.07		
20	64QAM	1	99	21.01	21.07	21.11	21.06	21.04		
20	64QAM	50	0	20.01	20.02	20.08	20.00	19.99	21	3
20	64QAM	50	24	20.09	20.09	20.12	20.09	20.04		
20	64QAM	50	50	19.99	20.03	20.06	19.95	20.04		
20	64QAM	100	0	19.97	20.00	20.06	19.97	20.00		
20	256QAM	1	0	17.91	17.90	17.99	17.88	17.94	19	5
20	256QAM	1	49	17.87	17.85	17.88	17.86	17.79		
20	256QAM	1	99	17.85	17.79	17.88	17.79	17.82		
20	256QAM	50	0	17.86	17.85	17.89	17.83	17.87	19	5
20	256QAM	50	24	17.89	17.90	17.94	17.88	17.89		
20	256QAM	50	50	17.88	17.92	17.95	17.90	17.88		
20	256QAM	100	0	17.88	17.96	17.97	17.89	17.88		
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	23.07	22.94	22.99	22.84	22.98	24	0
15	QPSK	1	37	22.94	22.93	22.97	22.96	23.01		
15	QPSK	1	74	22.85	22.77	22.90	22.89	22.85		
15	QPSK	36	0	22.13	22.13	22.35	22.24	22.17	23	1
15	QPSK	36	20	22.11	22.12	22.21	22.05	22.27		
15	QPSK	36	39	22.05	21.96	22.12	22.06	21.97		
15	QPSK	75	0	22.18	22.10	22.22	21.99	22.16		
15	16QAM	1	0	21.95	21.90	21.89	22.02	22.01	23	1
15	16QAM	1	37	21.87	21.80	21.85	21.82	21.97		
15	16QAM	1	74	22.01	21.81	22.04	21.79	21.85		
15	16QAM	36	0	20.94	20.95	21.05	20.98	20.90	22	2
15	16QAM	36	20	20.93	20.99	21.02	20.89	21.03		
15	16QAM	36	39	21.02	21.00	21.01	20.91	20.86		
15	16QAM	75	0	20.89	20.95	21.05	20.84	20.80		
15	64QAM	1	0	21.17	21.12	21.18	20.99	21.00	22	2
15	64QAM	1	37	20.88	20.92	20.96	20.88	20.91		
15	64QAM	1	74	20.80	20.91	20.94	20.95	20.86		
15	64QAM	36	0	19.87	20.01	20.01	19.91	19.84	21	3
15	64QAM	36	20	19.92	19.99	19.96	20.11	19.89		
15	64QAM	36	39	19.98	20.04	20.08	19.80	19.86		
15	64QAM	75	0	19.77	19.86	19.87	19.92	19.90		
15	256QAM	1	0	17.70	17.85	17.99	17.70	17.88	19	5
15	256QAM	1	37	17.75	17.85	17.88	17.79	17.69		
15	256QAM	1	74	17.81	17.59	17.79	17.61	17.66		
15	256QAM	36	0	17.74	17.82	17.89	17.72	17.77	19	5
15	256QAM	36	20	17.87	17.82	17.91	17.74	17.84		
15	256QAM	36	39	17.86	17.73	17.80	17.77	17.75		
15	256QAM	75	0	17.66	17.78	17.76	17.90	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.09	22.93	23.10	22.85	22.98	24	0
10	QPSK	1	25	22.79	22.86	23.01	23.01	22.79		
10	QPSK	1	49	22.94	22.93	23.02	22.88	22.79		
10	QPSK	25	0	22.16	22.16	22.20	22.28	22.20	23	1
10	QPSK	25	12	22.20	22.15	22.37	22.20	22.16		
10	QPSK	25	25	22.02	21.85	21.93	21.93	22.02		
10	QPSK	50	0	22.15	22.22	22.08	22.03	21.96		
10	16QAM	1	0	21.77	21.97	22.04	21.88	21.85	23	1
10	16QAM	1	25	21.84	21.81	21.87	21.80	22.02		
10	16QAM	1	49	21.88	21.95	22.05	21.97	21.97		
10	16QAM	25	0	20.96	20.98	20.95	20.89	20.84	22	2
10	16QAM	25	12	20.98	20.95	21.10	21.02	21.01		
10	16QAM	25	25	20.97	20.82	20.99	20.90	20.87		
10	16QAM	50	0	20.97	20.82	21.08	20.84	21.01		
10	64QAM	1	0	21.19	20.95	21.10	21.04	20.97	22	2
10	64QAM	1	25	20.87	20.96	20.95	20.84	20.91		
10	64QAM	1	49	20.81	21.06	21.10	21.06	20.98		
10	64QAM	25	0	20.00	19.95	20.01	19.88	19.77	21	3
10	64QAM	25	12	20.06	20.11	19.93	19.89	20.00		
10	64QAM	25	25	19.83	19.97	19.85	19.94	19.91		
10	64QAM	50	0	19.96	19.82	19.94	19.81	19.96		
10	256QAM	1	0	17.75	17.80	17.80	17.73	17.75	19	5
10	256QAM	1	25	17.70	17.76	17.87	17.72	17.73		
10	256QAM	1	49	17.72	17.70	17.84	17.76	17.60		
10	256QAM	25	0	17.74	17.71	17.70	17.80	17.89	19	5
10	256QAM	25	12	17.77	17.89	17.90	17.82	17.85		
10	256QAM	25	25	17.75	17.74	17.85	17.88	17.86		
10	256QAM	50	0	17.85	17.81	17.93	17.86	17.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.03	22.94	22.95	22.80	23.05	24	0
5	QPSK	1	12	22.78	22.80	22.84	22.98	22.99		
5	QPSK	1	24	22.90	22.90	22.99	22.73	22.84		
5	QPSK	12	0	22.27	22.29	22.30	22.16	22.28	23	1
5	QPSK	12	7	22.03	22.20	22.19	22.10	22.31		
5	QPSK	12	13	21.96	21.88	22.10	21.91	21.92		
5	QPSK	25	0	22.06	22.07	22.09	21.99	22.18		
5	16QAM	1	0	21.77	21.88	21.87	21.98	21.94	23	1
5	16QAM	1	12	21.87	21.88	21.84	21.96	21.85		
5	16QAM	1	24	21.93	21.76	22.03	21.77	21.85		
5	16QAM	12	0	20.87	20.93	21.00	20.98	20.91	22	2
5	16QAM	12	7	20.81	20.81	20.92	20.88	20.97		
5	16QAM	12	13	20.92	21.01	21.04	20.99	21.00		
5	16QAM	25	0	20.88	20.81	20.86	20.99	20.83		
5	64QAM	1	0	21.03	21.12	21.11	21.00	20.96	22	2
5	64QAM	1	12	20.93	21.06	20.95	21.06	20.99		
5	64QAM	1	24	20.81	20.95	20.92	20.96	20.90		
5	64QAM	12	0	19.97	19.90	20.08	20.00	19.89	21	3
5	64QAM	12	7	19.90	19.95	20.08	20.06	19.83		
5	64QAM	12	13	19.87	19.85	20.04	19.77	20.00		
5	64QAM	25	0	19.95	19.82	19.91	19.88	19.96		
5	256QAM	1	0	17.71	17.82	17.87	17.86	17.82	19	5
5	256QAM	1	12	17.81	17.84	17.73	17.70	17.68		
5	256QAM	1	24	17.70	17.58	17.67	17.62	17.65		
5	256QAM	12	0	17.65	17.70	17.86	17.79	17.80	19	5
5	256QAM	12	7	17.80	17.74	17.84	17.73	17.68		
5	256QAM	12	13	17.72	17.91	17.81	17.68	17.84		
5	256QAM	25	0	17.81	17.78	17.85	17.82	17.80		

Band 4 Ant1 Main PA DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20050	20175	20300		
	Frequency (MHz)			1720	1732.5	1745		
20	QPSK	1	0	18.35	18.56	18.35		
20	QPSK	1	49	18.39	18.47	18.41	20	0
20	QPSK	1	99	18.52	18.39	18.37		
20	QPSK	50	0	18.47	18.55	18.50		
20	QPSK	50	24	18.34	18.45	18.54	20	0
20	QPSK	50	50	18.35	18.44	18.40		
20	QPSK	100	0	18.42	18.48	18.44		
20	16QAM	1	0	18.42	18.39	18.43		
20	16QAM	1	49	18.46	18.53	18.37	20	0
20	16QAM	1	99	18.45	18.48	18.32		
20	16QAM	50	0	18.51	18.40	18.48		
20	16QAM	50	24	18.32	18.48	18.46	20	0
20	16QAM	50	50	18.46	18.50	18.40		
20	16QAM	100	0	18.45	18.49	18.39		
20	64QAM	1	0	18.37	18.44	18.48		
20	64QAM	1	49	18.39	18.53	18.53	20	0
20	64QAM	1	99	18.46	18.44	18.49		
20	64QAM	50	0	18.40	18.49	18.46		
20	64QAM	50	24	18.47	18.46	18.55	20	0
20	64QAM	50	50	18.51	18.51	18.35		
20	64QAM	100	0	18.48	18.51	18.35		
20	256QAM	1	0	17.50	17.59	17.50		
20	256QAM	1	49	17.47	17.57	17.56	19	1
20	256QAM	1	99	17.46	17.40	17.41		
20	256QAM	50	0	17.43	17.52	17.48		
20	256QAM	50	24	17.44	17.50	17.44	19	1
20	256QAM	50	50	17.48	17.56	17.46		
20	256QAM	100	0	17.53	17.58	17.54		
	Channel			20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	18.20	18.49	18.30		
15	QPSK	1	37	18.27	18.43	18.28	20	0
15	QPSK	1	74	18.36	18.34	18.32		
15	QPSK	36	0	18.17	18.47	18.41		
15	QPSK	36	20	18.42	18.42	18.32	20	0
15	QPSK	36	39	18.23	18.30	18.37		
15	QPSK	75	0	18.23	18.40	18.42		
15	16QAM	1	0	18.32	18.37	18.25		
15	16QAM	1	37	18.32	18.42	18.26	20	0
15	16QAM	1	74	18.39	18.30	18.14		
15	16QAM	36	0	18.39	18.30	18.38		
15	16QAM	36	20	18.17	18.45	18.39	20	0
15	16QAM	36	39	18.38	18.44	18.24		
15	16QAM	75	0	18.32	18.34	18.23		
15	64QAM	1	0	18.22	18.41	18.43		
15	64QAM	1	37	18.26	18.38	18.34	20	0
15	64QAM	1	74	18.40	18.26	18.38		
15	64QAM	36	0	18.35	18.46	18.35		
15	64QAM	36	20	18.34	18.44	18.38	20	0
15	64QAM	36	39	18.49	18.46	18.28		
15	64QAM	75	0	18.46	18.43	18.31		
15	256QAM	1	0	17.48	17.55	17.40		
15	256QAM	1	37	17.42	17.54	17.55	19	1
15	256QAM	1	74	17.36	17.39	17.32		
15	256QAM	36	0	17.37	17.46	17.38		
15	256QAM	36	20	17.38	17.43	17.43	19	1
15	256QAM	36	39	17.43	17.45	17.39		
15	256QAM	75	0	17.51	17.48	17.46		
	Channel			20050	20175	20300	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	18.16	18.48	18.22		
10	QPSK	1	25	18.21	18.44	18.31	20	0
10	QPSK	1	49	18.43	18.23	18.35		
10	QPSK	25	0	18.22	18.36	18.38		
10	QPSK	25	12	18.32	18.37	18.37	20	0
10	QPSK	25	25	18.29	18.39	18.35		
10	QPSK	50	0	18.26	18.38	18.26		
10	16QAM	1	0	18.36	18.31	18.36		
10	16QAM	1	25	18.36	18.41	18.24	20	0
10	16QAM	1	49	18.35	18.35	18.26		
10	16QAM	25	0	18.43	18.33	18.42		
10	16QAM	25	12	18.28	18.46	18.38	20	0
10	16QAM	25	25	18.29	18.48	18.35		
10	16QAM	50	0	18.32	18.36	18.35		
10	64QAM	1	0	18.22	18.38	18.33		
10	64QAM	1	25	18.28	18.47	18.49	20	0
10	64QAM	1	49	18.47	18.35	18.40		
10	64QAM	25	0	18.26	18.36	18.31		
10	64QAM	25	12	18.43	18.39	18.43	20	0
10	64QAM	25	25	18.39	18.48	18.19		
10	64QAM	50	0	18.31	18.37	18.32		
10	256QAM	1	0	17.46	17.54	17.45		
10	256QAM	1	25	17.44	17.48	17.47	19	1
10	256QAM	1	49	17.37	17.40	17.36		
10	256QAM	25	0	17.36	17.44	17.41		
10	256QAM	25	12	17.38	17.40	17.40	19	1
10	256QAM	25	25	17.41	17.47	17.40		
10	256QAM	50	0	17.43	17.51	17.51		
	Channel			19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1732.5	1752.5		
5	QPSK	1	0	18.32	18.39	18.34		
5	QPSK	1	12	18.32	18.35	18.37	20	0
5	QPSK	1	24	18.39	18.21	18.25		
5	QPSK	12	0	18.23	18.39	18.47		
5	QPSK	12	7	18.44	18.36	18.32	20	0
5	QPSK	12	13	18.32	18.36	18.38		
5	QPSK	25	0	18.40	18.39	18.33		
5	16QAM	1	0	18.35	18.24	18.35		
5	16QAM	1	12	18.39	18.41	18.28	20	0
5	16QAM	1	24	18.30	18.33	18.23		
5	16QAM	12	0	18.46	18.30	18.40		
5	16QAM	12	7	18.18	18.43	18.37	20	0
5	16QAM	12	13	18.45	18.31	18.29		
5	16QAM	25	0	18.32	18.36	18.25		
5	64QAM	1	0	18.22	18.41	18.40		
5	64QAM	1	12	18.36	18.35	18.46	20	0
5	64QAM	1	24	18.34	18.34	18.42		
5	64QAM	12	0	18.30	18.35	18.32		
5	64QAM	12	7	18.39	18.32	18.38	20	0
5	64QAM	12	13	18.38	18.42	18.30		
5	64QAM	25	0	18.47	18.38	18.19		
5	256QAM	1	0	17.44	17.56	17.48		
5	256QAM	1	12	17.44	17.49	17.48	19	1
5	256QAM	1	24	17.43	17.45	17.40		
5	256QAM	12	0	17.39	17.50	17.38		
5	256QAM	12	7	17.40	17.41	17.35	19	1
5	256QAM	12	13	17.41	17.48	17.41		
5	256QAM	25	0	17.51	17.51	17.52		
	Channel			19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	18.18	18.38	18.27		
3	QPSK	1	8	18.34	18.41	18.24	20	0
3	QPSK	1	14	18.37	18.38	18.30		
3	QPSK	8	0	18.21	18.40	18.47		
3	QPSK	8	4	18.42	18.43	18.48	20	0
3	QPSK	8	7	18.20	18.30	18.25		
3	QPSK	15	0	18.33	18.46	18.30		
3	16QAM	1	0	18.39	18.30	18.42		
3	16QAM	1	8	18.43	18.40	18.19	20	0
3	16QAM	1	14	18.39	18.42	18.18		
3	16QAM	8	0	18.35	18.24	18.31		
3	16QAM	8	4	18.19	18.46	18.29	20	0
3	16QAM	8	7	18.38	18.39	18.24		
3	16QAM	15	0	18.37	18.47	18.37		
3	64QAM	1	0	18.36	18.28	18.36		
3	64QAM	1	8	18.32	18.40	18.52	20	0
3	64QAM	1	14	18.45	18.42	18.47		
3	64QAM	8	0	18.28	18.41	18.43		
3	64QAM	8	4	18.40	18.49	18.49	20	0
3	64QAM	8	7	18.33	18.40	18.30		
3	64QAM	15	0	18.36	18.44	18.25		
3	256QAM	1	0	17.40	17.48	17.40		
3	256QAM	1	8	17.42	17.51	17.51	19	1
3	256QAM	1	14	17.40	17.46	17.36		
3	256QAM	8	0	17.41	17.47	17.45		
3	256QAM	8	4	17.42	17.47	17.40	19	1
3	256QAM	8	7	17.43	17.47	17.38		
3	256QAM	15	0	17.48	17.57	17.46		
	Channel			19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.26	18.39	18.19		
1.4	QPSK	1	3	18.37	18.44	18.33		
1.4	QPSK	1	5	18.45	18.25	18.34	20	0
1.4	QPSK	3	0	18.17	18.39	18.48		
1.4	QPSK	3	1	18.30	18.38	18.44		
1.4	QPSK	3	3	18.22	18.40	18.34		
1.4	QPSK	6	0	18.27	18.33	18.28	20	0
1.4	16QAM	1	0	18.37	18.23	18.31		
1.4	16QAM	1	3	18.37	18.43	18.22		
1.4	16QAM	1	5	18.43	18.32	18.16	20	0
1.4	16QAM	3	0	18.47	18.32	18.43		
1.4	16QAM	3	1	18.21	18.44	18.30		
1.4	16QAM	3	3	18.40	18.47	18.22		
1.4	16QAM	6	0	18.35	18.47	18.36	20	0
1.4	64QAM	1	0	18.29	18.28	18.37		
1.4	64QAM	1	3	18.36	18.51	18.43		
1.4	64QAM	1	5	18.44	18.40	18.44	20	0
1.4	64QAM	3	0	18.29	18.35	18.29		
1.4	64QAM	3	1	18.28	18.42	18.43		
1.4	64QAM	3	3	18.48	18.47	18.29		
1.4	64QAM	6	0	18.43	18.44	18.21	20	0
1.4	256QAM	1	0	17.41	17.57	17.40		
1.4	256QAM	1	3	17.43	17.53	17.46		
1.4	256QAM	1	5	17.39	17.44	17.38	19	1
1.4	256QAM	3	0	17.38	17.49	17.44		
1.4	256QAM	3	1	17.39	17.49	17.36		
1.4	256QAM	3	3	17.46	17.52	17.37		
1.4	256QAM	6	0	17.42	17.50	17.44	19	1

Band 7 Ant1 Main PA DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20850	21100	21350		
	Frequency (MHz)			2510	2535	2560		
20	QPSK	1	0	19.79	19.83	19.72		
20	QPSK	1	49	19.64	19.72	19.60	21	0
20	QPSK	1	99	19.65	19.78	19.72		
20	QPSK	50	0	19.69	19.79	19.73		
20	QPSK	50	24	19.76	19.70	19.68	21	0
20	QPSK	50	50	19.71	19.76	19.62		
20	QPSK	100	0	19.71	19.73	19.68		
20	16QAM	1	0	19.65	19.73	19.57		
20	16QAM	1	49	19.77	19.82	19.66	21	0
20	16QAM	1	99	19.76	19.81	19.70		
20	16QAM	50	0	19.76	19.69	19.64		
20	16QAM	50	24	19.68	19.80	19.65	21	0
20	16QAM	50	50	19.76	19.67	19.72		
20	16QAM	100	0	19.75	19.70	19.72		
20	64QAM	1	0	19.68	19.75	19.56		
20	64QAM	1	49	19.75	19.70	19.61	21	0
20	64QAM	1	99	19.65	19.79	19.56		
20	64QAM	50	0	19.77	19.73	19.58		
20	64QAM	50	24	19.67	19.81	19.66	21	0
20	64QAM	50	50	19.72	19.72	19.57		
20	64QAM	100	0	19.66	19.77	19.63		
20	256QAM	1	0	18.28	18.36	18.28		
20	256QAM	1	49	18.13	18.21	18.14	19.5	1.5
20	256QAM	1	99	18.24	18.28	18.19		
20	256QAM	50	0	18.21	18.23	18.20		
20	256QAM	50	24	18.21	18.24	18.23	19.5	1.5
20	256QAM	50	50	18.22	18.25	18.22		
20	256QAM	100	0	18.23	18.26	18.17		
	Channel			20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2507.5	2535	2562.5		
15	QPSK	1	0	19.77	19.51	19.70		
15	QPSK	1	37	19.57	19.63	19.57	21	0
15	QPSK	1	74	19.55	19.73	19.65		
15	QPSK	36	0	19.70	19.76	19.59		
15	QPSK	36	20	19.51	19.65	19.59	21	0
15	QPSK	36	39	19.55	19.61	19.57		
15	QPSK	75	0	19.54	19.75	19.61		
15	16QAM	1	0	19.63	19.72	19.54		
15	16QAM	1	37	19.65	19.76	19.50	21	0
15	16QAM	1	74	19.74	19.77	19.55		
15	16QAM	36	0	19.72	19.64	19.53		
15	16QAM	36	20	19.65	19.76	19.55	21	0
15	16QAM	36	39	19.71	19.61	19.65		
15	16QAM	75	0	19.60	19.68	19.59		
15	64QAM	1	0	19.65	19.60	19.44		
15	64QAM	1	37	19.62	19.58	19.50	21	0
15	64QAM	1	74	19.56	19.75	19.46		
15	64QAM	36	0	19.71	19.65	19.42		
15	64QAM	36	20	19.54	19.69	19.49	21	0
15	64QAM	36	39	19.57	19.56	19.52		
15	64QAM	75	0	19.48	19.59	19.48		
15	256QAM	1	0	18.27	18.29	18.20		
15	256QAM	1	37	18.11	18.12	18.11	19.5	1.5
15	256QAM	1	74	18.14	18.21	18.16		
15	256QAM	36	0	18.16	18.18	18.16		
15	256QAM	36	20	18.10	18.16	18.16	19.5	1.5
15	256QAM	36	39	18.18	18.16	18.16		
15	256QAM	75	0	18.17	18.22	18.12		
	Channel			20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2505	2535	2565		
10	QPSK	1	0	19.75	19.65	19.63		
10	QPSK	1	25	19.51	19.55	19.58	21	0
10	QPSK	1	49	19.56	19.64	19.56		
10	QPSK	25	0	19.72	19.60	19.64		
10	QPSK	25	12	19.53	19.63	19.71	21	0
10	QPSK	25	25	19.68	19.60	19.59		
10	QPSK	50	0	19.67	19.74	19.60		
10	16QAM	1	0	19.51	19.58	19.50		
10	16QAM	1	25	19.63	19.70	19.54	21	0
10	16QAM	1	49	19.59	19.66	19.52		
10	16QAM	25	0	19.74	19.63	19.60		
10	16QAM	25	12	19.52	19.64	19.58	21	0
10	16QAM	25	25	19.68	19.51	19.63		
10	16QAM	50	0	19.65	19.67	19.61		
10	64QAM	1	0	19.51	19.67	19.50		
10	64QAM	1	25	19.68	19.54	19.57	21	0
10	64QAM	1	49	19.52	19.76	19.54		
10	64QAM	25	0	19.70	19.68	19.47		
10	64QAM	25	12	19.53	19.74	19.51	21	0
10	64QAM	25	25	19.68	19.58	19.46		
10	64QAM	50	0	19.62	19.69	19.56		
10	256QAM	1	0	18.25	18.26	18.20		
10	256QAM	1	25	18.06	18.18	18.03	19.5	1.5
10	256QAM	1	49	18.19	18.22	18.12		
10	256QAM	25	0	18.15	18.22	18.19		
10	256QAM	25	12	18.13	18.16	18.20	19.5	1.5
10	256QAM	25	25	18.17	18.15	18.19		
10	256QAM	50	0	18.14	18.17	18.12		
	Channel			20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2502.5	2535	2567.5		
5	QPSK	1	0	19.66	19.55	19.56		
5	QPSK	1	12	19.50	19.54	19.46	21	0
5	QPSK	1	24	19.60	19.74	19.56		
5	QPSK	12	0	19.68	19.73	19.66		
5	QPSK	12	7	19.55	19.56	19.69	21	0
5	QPSK	12	13	19.68	19.58	19.45		
5	QPSK	25	0	19.58	19.64	19.58		
5	16QAM	1	0	19.53	19.66	19.53		
5	16QAM	1	12	19.73	19.80	19.62	21	0
5	16QAM	1	24	19.66	19.69	19.59		
5	16QAM	12	0	19.60	19.58	19.51		
5	16QAM	12	7	19.61	19.78	19.51	21	0
5	16QAM	12	13	19.59	19.64	19.59		
5	16QAM	25	0	19.56	19.57	19.65		
5	64QAM	1	0	19.56	19.65	19.42		
5	64QAM	1	12	19.58	19.53	19.57	21	0
5	64QAM	1	24	19.52	19.64	19.41		
5	64QAM	12	0	19.70	19.58	19.48		
5	64QAM	12	7	19.52	19.77	19.60	21	0
5	64QAM	12	13	19.66	19.53	19.48		
5	64QAM	25	0	19.55	19.62	19.60		
5	256QAM	1	0	18.26	18.35	18.18		
5	256QAM	1	12	18.07	18.17	18.05	19.5	1.5
5	256QAM	1	24	18.15	18.17	18.08		
5	256QAM	12	0	18.18	18.20	18.17		
5	256QAM	12	7	18.18	18.15	18.14	19.5	1.5
5	256QAM	12	13	18.12	18.24	18.20		
5	256QAM	25	0	18.16	18.23	18.08		

Band 66 Ant1 Other PA DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			132072	132322	132572		
	Frequency (MHz)			1720	1745	1770		
20	QPSK	1	0	18.87	18.97	18.76		
20	QPSK	1	49	18.84	18.87	18.86	19.2	0
20	QPSK	1	99	18.94	18.86	18.89		
20	QPSK	50	0	18.79	18.91	18.73		
20	QPSK	50	24	18.80	18.85	18.73	19.2	0
20	QPSK	50	50	18.86	18.86	18.83		
20	QPSK	100	0	18.83	18.87	18.72		
20	16QAM	1	0	18.94	18.86	18.89		
20	16QAM	1	49	18.92	18.88	18.74	19.2	0
20	16QAM	1	99	18.95	18.83	18.75		
20	16QAM	50	0	18.87	18.93	18.73		
20	16QAM	50	24	18.87	18.90	18.88	19.2	0
20	16QAM	50	50	18.79	18.83	18.77		
20	16QAM	100	0	18.85	18.84	18.88		
20	64QAM	1	0	18.93	18.84	18.88		
20	64QAM	1	49	18.90	18.82	18.83	19.2	0
20	64QAM	1	99	18.87	18.92	18.86		
20	64QAM	50	0	18.85	18.89	18.78		
20	64QAM	50	24	18.86	18.91	18.75	19.2	0
20	64QAM	50	50	18.93	18.93	18.88		
20	64QAM	100	0	18.91	18.94	18.89		
20	256QAM	1	0	18.92	18.93	18.77		
20	256QAM	1	49	18.88	18.87	18.72	19.2	0
20	256QAM	1	99	18.81	18.88	18.88		
20	256QAM	50	0	18.87	18.93	18.77		
20	256QAM	50	24	18.85	18.85	18.78	19.2	0
20	256QAM	50	50	18.94	18.85	18.84		
20	256QAM	100	0	18.87	18.94	18.87		
	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	18.75	18.87	18.75		
15	QPSK	1	37	18.79	18.71	18.81	19.2	0
15	QPSK	1	74	18.81	18.83	18.75		
15	QPSK	36	0	18.69	18.69	18.56		
15	QPSK	36	20	18.71	18.71	18.69	19.2	0
15	QPSK	36	39	18.81	18.75	18.64		
15	QPSK	75	0	18.66	18.83	18.59		
15	16QAM	1	0	18.90	18.69	18.84		
15	16QAM	1	37	18.86	18.78	18.57	19.2	0
15	16QAM	1	74	18.92	18.87	18.73		
15	16QAM	36	0	18.87	18.77	18.67		
15	16QAM	36	20	18.81	18.83	18.85	19.2	0
15	16QAM	36	39	18.74	18.68	18.63		
15	16QAM	75	0	18.68	18.73	18.65		
15	64QAM	1	0	18.88	18.70	18.72		
15	64QAM	1	37	18.83	18.72	18.68	19.2	0
15	64QAM	1	74	18.84	18.83	18.76		
15	64QAM	36	0	18.76	18.80	18.65		
15	64QAM	36	20	18.80	18.82	18.64	19.2	0
15	64QAM	36	39	18.83	18.77	18.83		
15	64QAM	75	0	18.83	18.75	18.82		
15	256QAM	1	0	18.74	18.75	18.61		
15	256QAM	1	37	18.77	18.89	18.64	19.2	0
15	256QAM	1	74	18.75	18.69	18.81		
15	256QAM	36	0	18.83	18.83	18.64		
15	256QAM	36	20	18.70	18.74	18.70	19.2	0
15	256QAM	36	39	18.92	18.81	18.68		
15	256QAM	75	0	18.81	18.91	18.78		
	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1745	1775		
10	QPSK	1	0	18.81	18.89	18.63		
10	QPSK	1	25	18.75	18.78	18.69	19.2	0
10	QPSK	1	49	18.83	18.77	18.74		
10	QPSK	25	0	18.61	18.74	18.71		
10	QPSK	25	12	18.78	18.85	18.71	19.2	0
10	QPSK	25	25	18.71	18.79	18.81		
10	QPSK	50	0	18.71	18.69	18.69		
10	16QAM	1	0	18.92	18.80	18.81		
10	16QAM	1	25	18.73	18.82	18.64	19.2	0
10	16QAM	1	49	18.77	18.77	18.73		
10	16QAM	25	0	18.96	18.74	18.68		
10	16QAM	25	12	18.72	18.77	18.66	19.2	0
10	16QAM	25	25	18.62	18.72	18.70		
10	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	2695	2610		
20	QPSK	1	0	20.98	21.27	20.97	22	0
20	QPSK	1	49	21.11	21.20	21.01		
20	QPSK	1	99	20.98	21.12	20.93		
20	QPSK	50	0	21.08	21.20	20.93	22	0
20	QPSK	50	24	21.11	21.22	20.93		
20	QPSK	50	50	21.01	21.15	21.01		
20	QPSK	100	0	21.12	21.21	20.97		
20	16QAM	1	0	21.01	21.19	20.98	22	0
20	16QAM	1	49	21.13	21.15	21.03		
20	16QAM	1	99	21.00	21.12	21.10		
20	16QAM	50	0	21.06	21.08	21.05	22	0
20	16QAM	50	24	21.02	21.11	21.03		
20	16QAM	50	50	21.03	21.06	21.02		
20	16QAM	100	0	21.05	21.13	21.08		
20	64QAM	1	0	21.04	21.14	21.12	22	0
20	64QAM	1	49	21.00	21.06	20.97		
20	64QAM	1	99	20.93	21.04	20.97		
20	64QAM	50	0	20.08	20.19	20.12	21	1
20	64QAM	50	24	20.03	20.12	20.06		
20	64QAM	50	50	20.11	20.17	20.09		
20	64QAM	100	0	20.10	20.16	20.10		
20	256QAM	1	0	18.28	18.31	18.26	19	3
20	256QAM	1	49	18.15	18.23	18.19		
20	256QAM	1	99	18.23	18.26	18.17		
20	256QAM	50	0	18.19	18.29	18.26	19	3
20	256QAM	50	24	18.15	18.24	18.14		
20	256QAM	50	50	18.14	18.21	18.15		
20	256QAM	100	0	18.14	18.21	18.19		
Channel				37625	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.84	21.12	20.87	22	0
15	QPSK	1	37	21.01	21.12	20.97		
15	QPSK	1	74	20.96	20.99	20.76		
15	QPSK	36	0	20.95	21.04	20.76	22	0
15	QPSK	36	20	20.94	21.06	20.80		
15	QPSK	36	39	20.90	21.09	20.91		
15	QPSK	75	0	21.05	21.11	20.92		
15	16QAM	1	0	20.88	21.14	20.88	22	0
15	16QAM	1	37	21.04	21.10	20.97		
15	16QAM	1	74	20.85	21.09	20.94		
15	16QAM	36	0	20.95	20.99	21.00	22	0
15	16QAM	36	20	20.99	21.07	20.94		
15	16QAM	36	39	20.98	21.04	21.01		
15	16QAM	75	0	21.02	21.02	20.99		
15	64QAM	1	0	20.94	21.09	21.10	22	0
15	64QAM	1	37	20.91	21.00	20.88		
15	64QAM	1	74	20.87	20.96	20.91		
15	64QAM	36	0	20.01	20.14	20.03	21	1
15	64QAM	36	20	19.95	20.02	19.97		
15	64QAM	36	39	20.05	20.13	20.01		
15	64QAM	75	0	20.01	20.13	20.03		
15	256QAM	1	0	18.23	18.24	18.22	19	3
15	256QAM	1	37	18.11	18.20	18.13		
15	256QAM	1	74	18.17	18.17	18.12		
15	256QAM	36	0	18.14	18.27	18.19	19	3
15	256QAM	36	20	18.11	18.18	18.08		
15	256QAM	36	39	18.09	18.10	18.05		
15	256QAM	75	0	18.03	18.10	18.17		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.90	21.15	20.88	22	0
10	QPSK	1	25	21.01	21.15	20.95		
10	QPSK	1	49	20.97	20.99	20.78		
10	QPSK	25	0	21.04	21.09	20.84	22	0
10	QPSK	25	12	21.06	21.13	20.77		
10	QPSK	25	25	20.92	21.04	20.96		
10	QPSK	50	0	21.06	21.15	20.80		
10	16QAM	1	0	20.99	21.17	20.90	22	0
10	16QAM	1	25	21.09	21.14	20.97		
10	16QAM	1	49	20.82	20.98	21.03		
10	16QAM	25	0	20.97	21.00	21.02	22	0
10	16QAM	25	12	20.93	21.03	20.98		
10	16QAM	25	25	20.97	21.04	20.93		
10	16QAM	50	0	21.03	21.11	21.04		
10	64QAM	1	0	20.99	21.11	21.09	22	0
10	64QAM	1	25	20.92	21.01	20.89		
10	64QAM	1	49	20.85	20.99	20.86		
10	64QAM	25	0	20.05	20.18	20.09	21	1
10	64QAM	25	12	19.95	20.02	20.02		
10	64QAM	25	25	20.04	20.09	20.04		
10	64QAM	50	0	20.03	20.09	20.01		
10	256QAM	1	0	18.25	18.21	18.15	19	3
10	256QAM	1	25	18.05	18.20	18.13		
10	256QAM	1	49	18.15	18.22	18.09		
10	256QAM	25	0	18.08	18.22	18.23	19	3
10	256QAM	25	12	18.13	18.15	18.06		
10	256QAM	25	25	18.05	18.11	18.06		
10	256QAM	50	0	18.09	18.19	18.18		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.84	21.16	20.84	22	0
5	QPSK	1	12	20.98	21.13	20.94		
5	QPSK	1	24	20.81	21.01	20.76		
5	QPSK	12	0	21.06	21.17	20.87	22	0
5	QPSK	12	7	21.06	21.14	20.90		
5	QPSK	12	13	20.88	20.97	20.99		
5	QPSK	25	0	21.06	21.18	20.78		
5	16QAM	1	0	20.87	21.08	20.93	22	0
5	16QAM	1	12	20.98	21.08	21.00		
5	16QAM	1	24	20.88	21.06	20.93		
5	16QAM	12	0	21.01	21.02	21.02	22	0
5	16QAM	12	7	20.93	21.07	20.94		
5	16QAM	12	13	21.01	21.02	21.00		
5	16QAM	25	0	20.97	21.09	21.01		
5	64QAM	1	0	21.01	21.07	21.11	22	0
5	64QAM	1	12	20.93	20.97	20.87		
5	64QAM	1	24	20.89	21.02	20.91		
5	64QAM	12	0	20.06	20.11	20.03	21	1
5	64QAM	12	7	19.93	20.02	20.05		
5	64QAM	12	13	20.02	20.07	20.04		
5	64QAM	25	0	20.03	20.10	20.03		
5	256QAM	1	0	18.26	18.22	18.24	19	3
5	256QAM	1	12	18.09	18.17	18.10		
5	256QAM	1	24	18.18	18.23	18.14		
5	256QAM	12	0	18.11	18.27	18.25	19	3
5	256QAM	12	7	18.10	18.16	18.10		
5	256QAM	12	13	18.09	18.17	18.07		
5	256QAM	25	0	18.10	18.18	18.13		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.11	21.14	21.24	21.05	21.02	22	0
20	QPSK	1	49	21.09	21.06	21.13	21.08	20.92		
20	QPSK	1	99	21.07	20.98	21.05	20.98	21.05		
20	QPSK	50	0	21.10	21.07	21.20	21.06	20.99	22	0
20	QPSK	50	24	21.00	21.11	21.07	20.99	21.05		
20	QPSK	50	50	21.13	21.13	21.18	21.12	20.93		
20	QPSK	100	0	21.13	20.99	21.16	21.11	20.97		
20	16QAM	1	0	21.11	21.06	21.21	21.14	21.03	22	0
20	16QAM	1	49	21.10	21.00	21.21	20.98	20.98		
20	16QAM	1	99	21.03	20.99	21.22	21.12	20.99		
20	16QAM	50	0	20.87	20.85	20.89	20.85	20.81	22	0
20	16QAM	50	24	20.93	20.86	20.94	20.87	20.91		
20	16QAM	50	50	20.89	20.93	20.94	20.91	20.90		
20	16QAM	100	0	20.85	20.86	20.91	20.85	20.82		
20	64QAM	1	0	20.93	20.89	20.99	20.91	20.89	22	0
20	64QAM	1	49	20.87	20.82	20.91	20.80	20.87		
20	64QAM	1	99	20.88	20.90	20.94	20.83	20.83		
20	64QAM	50	0	19.96	19.92	20.03	19.93	19.97	21	1
20	64QAM	50	24	19.88	19.90	19.99	19.93	19.95		
20	64QAM	50	50	19.95	19.93	19.99	19.97	19.94		
20	64QAM	100	0	19.91	19.96	19.99	19.93	19.93		
20	256QAM	1	0	18.23	18.18	18.25	18.22	18.18	19	3
20	256QAM	1	49	18.22	18.17	18.24	18.22	18.19		
20	256QAM	1	99	18.16	18.18	18.19	18.08	18.17		
20	256QAM	50	0	18.06	18.06	18.16	18.09	18.08	19	3
20	256QAM	50	24	18.17	18.09	18.20	18.17	18.10		
20	256QAM	50	50	18.19	18.16	18.23	18.15	18.20		
20	256QAM	100	0	18.22	18.19	18.24	18.15	18.20		
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	20.93	20.98	21.10	20.94	20.85	22	0
15	QPSK	1	37	20.99	20.98	21.07	21.01	20.76		
15	QPSK	1	74	20.92	20.86	21.01	20.81	20.97		
15	QPSK	36	0	20.92	20.96	21.02	20.86	20.89	22	0
15	QPSK	36	20	20.97	21.05	21.14	21.03	20.88		
15	QPSK	36	39	20.95	21.09	21.14	20.98	20.90		
15	QPSK	75	0	21.07	20.90	21.14	21.02	20.91		
15	16QAM	1	0	20.97	20.90	21.10	21.00	20.93	22	0
15	16QAM	1	37	20.96	20.93	21.12	20.88	20.82		
15	16QAM	1	74	20.92	20.81	21.19	21.11	20.94		
15	16QAM	36	0	20.77	20.77	20.78	20.82	20.70	22	0
15	16QAM	36	20	20.84	20.80	20.92	20.81	20.88		
15	16QAM	36	39	20.85	20.87	20.92	20.81	20.83		
15	16QAM	75	0	20.80	20.80	20.83	20.78	20.72		
15	64QAM	1	0	20.88	20.84	20.93	20.84	20.84	22	0
15	64QAM	1	37	20.80	20.73	20.80	20.73	20.77		
15	64QAM	1	74	20.81	20.89	20.90	20.76	20.78		
15	64QAM	36	0	19.86	19.86	20.00	19.83	19.91	21	1
15	64QAM	36	20	19.78	19.88	19.91	19.90	19.87		
15	64QAM	36	39	19.92	19.85	19.90	19.92	19.87		
15	64QAM	75	0	19.83	19.94	19.96	19.89	19.88		
15	256QAM	1	0	18.17	18.16	18.14	18.17	18.14	19	3
15	256QAM	1	37	18.14	18.11	18.23	18.16	18.14		
15	256QAM	1	74	18.10	18.09	18.13	18.04	18.13		
15	256QAM	36	0	17.95	17.99	18.12	18.01	18.04	19	3
15	256QAM	36	20	18.15	18.03	18.16	18.09	18.03		
15	256QAM	36	39	18.15	18.12	18.13	18.08	18.18		
15	256QAM	75	0	18.17	18.08	18.19	18.11	18.17		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.98	20.98	21.07	20.90	20.94	22	0
10	QPSK	1	25	21.08	21.02	20.98	20.99	20.74		
10	QPSK	1	49	21.04	20.81	20.88	20.97	20.93		
10	QPSK	25	0	20.82	21.07	20.98	20.89	20.96	22	0
10	QPSK	25	12	20.94	21.03	21.12	20.89	20.88		
10	QPSK	25	25	21.07	20.96	21.09	21.01	20.75		
10	QPSK	50	0	20.95	20.85	21.09	21.02	20.79		
10	16QAM	1	0	21.09	20.91	21.10	21.07	20.91	22	0
10	16QAM	1	25	20.97	20.88	21.10	20.89	20.87		
10	16QAM	1	49	20.85	20.92	21.09	21.11	20.94		
10	16QAM	25	0	20.81	20.78	20.85	20.82	20.78	22	0
10	16QAM	25	12	20.88	20.81	20.84	20.78	20.88		
10	16QAM	25	25	20.82	20.90	20.92	20.82	20.88		
10	16QAM	50	0	20.74	20.82	20.89	20.80	20.75		
10	64QAM	1	0	20.88	20.87	20.91	20.82	20.84	22	0
10	64QAM	1	25	20.80	20.74	20.87	20.69	20.84		
10	64QAM	1	49	20.78	20.86	20.88	20.77	20.72		
10	64QAM	25	0	19.89	19.84	19.97	19.86	19.89	21	1
10	64QAM	25	12	19.77	19.81	19.93	19.92	19.93		
10	64QAM	25	25	19.85	19.83	19.94	19.94	19.88		
10	64QAM	50	0	19.88	19.93	19.93	19.87	19.87		
10	256QAM	1	0	18.18	18.10	18.17	18.11	18.14	19	3
10	256QAM	1	25	18.17	18.08	18.18	18.17	18.10		
10	256QAM	1	49	18.13	18.14	18.15	18.01	18.15		
10	256QAM	25	0	18.04	18.00	18.10	18.04	18.01	19	3
10	256QAM	25	12	18.10	18.06	18.13	18.06	18.06		
10	256QAM	25	25	18.18	18.07	18.15	18.11	18.10		
10	256QAM	50	0	18.16	18.12	18.18	18.04	18.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.99	21.01	20.96	21.01	20.97	22	0
5	QPSK	1	12	20.95	20.99	20.97	20.90	20.80		
5	QPSK	1	24	20.90	20.80	21.03	20.85	20.95		
5	QPSK	12	0	20.98	21.07	21.04	20.84	20.97	22	0
5	QPSK	12	7	20.94	20.94	21.11	20.87	20.82		
5	QPSK	12	13	21.09	21.09	21.12	21.06	20.89		
5	QPSK	25	0	21.06	20.89	21.03	21.03	20.95		
5	16QAM	1	0	21.02	20.89	21.14	20.96	20.93	22	0
5	16QAM	1	12	21.07	20.82	21.18	20.92	20.90		
5	16QAM	1	24	20.86	20.96	21.20	20.94	20.93		
5	16QAM	12	0	20.81	20.84	20.79	20.74	20.71	22	0
5	16QAM	12	7	20.91	20.80	20.86	20.86	20.82		
5	16QAM	12	13	20.87	20.86	20.86	20.81	20.82		
5	16QAM	25	0	20.80	20.77	20.85	20.77	20.75		
5	64QAM	1	0	20.86	20.87	20.96	20.83	20.83	22	0
5	64QAM	1	12	20.84	20.72	20.83	20.72	20.78		
5	64QAM	1	24	20.86	20.83	20.88	20.81	20.75		
5	64QAM	12	0	19.89	19.82	19.96	19.86	19.94	21	1
5	64QAM	12	7	19.79	19.87	19.88	19.87	19.87		
5	64QAM	12	13	19.87	19.91	19.88	19.87	19.83		
5	64QAM	25	0	19.84	19.92	19.93	19.85	19.90		
5	256QAM	1	0	18.15	18.12	18.17	18.12	18.16	19	3
5	256QAM	1	12	18.13	18.15	18.18	18.15	18.16		
5	256QAM	1	24	18.14	18.12	18.17	17.98	18.15		
5	256QAM	12	0	18.01	17.98	18.08	18.06	18.03	19	3
5	256QAM	12	7	18.06	17.99	18.13	18.13	18.02		
5	256QAM	12	13	18.09	18.10	18.14	18.13	18.14		
5	256QAM	25	0	18.14	18.15	18.20	18.13	18.10		

Reduced Power for NSA DSI 3

Band 4 Ant0 Main PA DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.36	20.46	20.24	21.5	0
20	QPSK	1	49	20.38	20.31	20.28		
20	QPSK	1	99	20.3	20.29	20.42		
20	QPSK	50	0	20.23	20.41	20.32	21.5	0
20	QPSK	50	24	20.22	20.37	20.25		
20	QPSK	50	50	20.21	20.39	20.26		
20	QPSK	100	0	20.35	20.38	20.24		
20	16QAM	1	0	20.26	20.41	20.32	21.5	0
20	16QAM	1	49	20.25	20.45	20.3		
20	16QAM	1	99	20.33	20.32	20.35		
20	16QAM	50	0	20.41	20.49	20.39	21.5	0
20	16QAM	50	24	20.36	20.3	20.43		
20	16QAM	50	50	20.29	20.48	20.26		
20	16QAM	100	0	20.38	20.43	20.36		
20	64QAM	1	0	20.38	20.29	20.39	21.5	0
20	64QAM	1	49	20.18	20.37	20.4		
20	64QAM	1	99	20.25	20.51	20.24		
20	64QAM	50	0	19.86	19.95	19.9	21	0.5
20	64QAM	50	24	19.91	20.01	19.94		
20	64QAM	50	50	19.96	20	19.94		
20	64QAM	100	0	19.88	19.95	19.84		
20	256QAM	1	0	17.67	17.71	17.65	19	2.5
20	256QAM	1	49	17.55	17.61	17.53		
20	256QAM	1	99	17.58	17.6	17.57		
20	256QAM	50	0	17.59	17.69	17.59	19	2.5
20	256QAM	50	24	17.56	17.67	17.58		
20	256QAM	50	50	17.59	17.64	17.59		
20	256QAM	100	0	17.57	17.65	17.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.22	20.23	20.25	21.5	0
15	QPSK	1	37	20.21	20.28	20.1		
15	QPSK	1	74	20.24	20.22	20.23		
15	QPSK	36	0	20.14	20.23	20.14	21.5	0
15	QPSK	36	20	20.19	20.11	20.1		
15	QPSK	36	39	20.02	20.2	20.23		
15	QPSK	75	0	20.2	20.4	20.19		
15	16QAM	1	0	20.19	20.22	20.21	21.5	0
15	16QAM	1	37	20.21	20.42	20.2		
15	16QAM	1	74	20.13	20.13	20.28		
15	16QAM	36	0	20.33	20.36	20.37	21.5	0
15	16QAM	36	20	20.16	20.26	20.41		
15	16QAM	36	39	20.21	20.3	20.14		
15	16QAM	75	0	20.17	20.45	20.31		
15	64QAM	1	0	20.38	20.14	20.41	21.5	0
15	64QAM	1	37	20.12	20.27	20.27		
15	64QAM	1	74	20.2	20.43	20.22		
15	64QAM	36	0	19.82	19.93	19.84	21	0.5
15	64QAM	36	20	19.85	19.91	19.86		
15	64QAM	36	39	19.9	19.89	19.86		
15	64QAM	75	0	19.77	19.92	19.77		
15	256QAM	1	0	17.65	17.66	17.61	19	2.5
15	256QAM	1	37	17.46	17.53	17.52		
15	256QAM	1	74	17.5	17.54	17.51		
15	256QAM	36	0	17.53	17.61	17.58	19	2.5
15	256QAM	36	20	17.52	17.63	17.53		
15	256QAM	36	39	17.49	17.55	17.5		
15	256QAM	75	0	17.48	17.56	17.53		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.29	20.38	20.1	21.5	0
10	QPSK	1	25	20.32	20.28	20.2		
10	QPSK	1	49	20.24	20.16	20.24		
10	QPSK	25	0	20.18	20.22	20.15	21.5	0
10	QPSK	25	12	20.06	20.3	20.23		
10	QPSK	25	25	20.19	20.4	20.05		
10	QPSK	50	0	20.29	20.45	20.21		
10	16QAM	1	0	20.13	20.22	20.25	21.5	0
10	16QAM	1	25	20.22	20.33	20.09		
10	16QAM	1	49	20.19	20.18	20.16		
10	16QAM	25	0	20.24	20.31	20.3	21.5	0
10	16QAM	25	12	20.24	20.22	20.32		
10	16QAM	25	25	20.12	20.27	20.19		
10	16QAM	50	0	20.2	20.42	20.28		
10	64QAM	1	0	20.31	20.22	20.4	21.5	0
10	64QAM	1	25	20.18	20.25	20.44		
10	64QAM	1	49	20.14	20.41	20.03		
10	64QAM	25	0	19.76	19.91	19.8	21	0.5
10	64QAM	25	12	19.81	19.99	19.91		
10	64QAM	25	25	19.89	19.96	19.85		
10	64QAM	50	0	19.82	19.84	19.76		
10	256QAM	1	0	17.62	17.68	17.57	19	2.5
10	256QAM	1	25	17.46	17.53	17.45		
10	256QAM	1	49	17.48	17.59	17.51		
10	256QAM	25	0	17.57	17.61	17.55	19	2.5
10	256QAM	25	12	17.5	17.64	17.52		
10	256QAM	25	25	17.54	17.61	17.56		
10	256QAM	50	0	17.53	17.61	17.5		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.32	20.15	20.07	21.5	0
5	QPSK	1	12	20.29	20.19	20.29		
5	QPSK	1	24	20.28	20.21	20.2		
5	QPSK	12	0	20.04	20.22	20.08	21.5	0
5	QPSK	12	7	20.04	20.19	20.13		
5	QPSK	12	13	20.12	20.21	20.04		
5	QPSK	25	0	20.16	20.26	20.12		
5	16QAM	1	0	20.24	20.36	20.21	21.5	0
5	16QAM	1	12	20.23	20.37	20.16		
5	16QAM	1	24	20.15	20.32	20.18		
5	16QAM	12	0	20.37	20.29	20.19	21.5	0
5	16QAM	12	7	20.25	20.26	20.23		
5	16QAM	12	13	20.23	20.35	20.18		
5	16QAM	25	0	20.25	20.33	20.21		
5	64QAM	1	0	20.24	20.25	20.32	21.5	0
5	64QAM	1	12	19.99	20.34	20.25		
5	64QAM	1	24	20.13	20.3	20.19		
5	64QAM	12	0	19.78	19.85	19.85	21	0.5
5	64QAM	12	7	19.87	19.99	19.93		
5	64QAM	12	13	19.9	19.97	19.84		
5	64QAM	25	0	19.81	19.94	19.83		
5	256QAM	1	0	17.61	17.65	17.57	19	2.5
5	256QAM	1	12	17.51	17.57	17.47		
5	256QAM	1	24	17.55	17.58	17.49		
5	256QAM	12	0	17.56	17.63	17.58	19	2.5
5	256QAM	12	7	17.47	17.66	17.54		
5	256QAM	12	13	17.48	17.56	17.5		
5	256QAM	25	0	17.51	17.6	17.51		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.15	20.33	20.17	21.5	0
3	QPSK	1	8	20.31	20.15	20.19		
3	QPSK	1	14	20.12	20.2	20.4		
3	QPSK	8	0	20.09	20.37	20.27	21.5	0
3	QPSK	8	4	20.03	20.24	20.27		
3	QPSK	8	7	20.19	20.26	20.24		
3	QPSK	15	0	20.33	20.42	20.14		
3	16QAM	1	0	20.2	20.4	20.27	21.5	0
3	16QAM	1	8	20.04	20.36	20.24		
3	16QAM	1	14	20.28	20.12	20.27		
3	16QAM	8	0	20.34	20.42	20.3	21.5	0
3	16QAM	8	4	20.28	20.31	20.25		
3	16QAM	8	7	20.13	20.41	20.11		
3	16QAM	15	0	20.21	20.26	20.21		
3	64QAM	1	0	20.27	20.3	20.3	21.5	0
3	64QAM	1	8	19.98	20.22	20.36		
3	64QAM	1	14	20.25	20.32	20.25		
3	64QAM	8	0	19.81	19.93	19.84	21	0.5
3	64QAM	8	4	19.85	19.97	19.87		
3	64QAM	8	7	19.9	19.99	19.91		
3	64QAM	15	0	19.77	19.9	19.81		
3	256QAM	1	0	17.62	17.68	17.59	19	2.5
3	256QAM	1	8	17.5	17.51	17.49		
3	256QAM	1	14	17.56	17.49	17.56		
3	256QAM	8	0	17.49	17.68	17.55	19	2.5
3	256QAM	8	4	17.54	17.6	17.48		
3	256QAM	8	7	17.49	17.57	17.53		
3	256QAM	15	0	17.48	17.58	17.5		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.17	20.32	20.1	21.5	0
1.4	QPSK	1	3	20.27	20.26	20.12		
1.4	QPSK	1	5	20.29	20.08	20.35		
1.4	QPSK	3	0	20	20.21	20.21		
1.4	QPSK	3	1	20.19	20.31	20.16		
1.4	QPSK	3	3	20.02	20.22	20.22		
1.4	QPSK	6	0	20.33	20.4	20.23	21.5	0
1.4	16QAM	1	0	20.27	20.38	20.26	21.5	0
1.4	16QAM	1	3	20.14	20.25	20.15		
1.4	16QAM	1	5	20.23	20.1	20.28		
1.4	16QAM	3	0	20.25	20.35	20.22		
1.4	16QAM	3	1	20.22	20.2	20.29		
1.4	16QAM	3	3	20.3	20.43	20.06		
1.4	16QAM	6	0	20.28	20.23	20.28	21.5	0
1.4	64QAM	1	0	20.29	20.21	20.28	21.5	0
1.4	64QAM	1	3	20.1	20.31	20.36		
1.4	64QAM	1	5	20.26	20.44	20.17		
1.4	64QAM	3	0	20.36	20.34	20.1		
1.4	64QAM	3	1	20.28	20.25	20.03		
1.4	64QAM	3	3	20.19	20.23	20.25		
1.4	64QAM	6	0	19.8	19.92	19.79	21	0.5
1.4	256QAM	1	0	17.63	17.67	17.59	19	2.5
1.4	256QAM	1	3	17.48	17.53	17.47		
1.4	256QAM	1	5	17.54	17.5	17.48		
1.4	256QAM	3	0	17.56	17.62	17.5		
1.4	256QAM	3	1	17.46	17.65	17.5		
1.4	256QAM	3	3	17.52	17.54	17.57		
1.4	256QAM	6	0	17.46	17.63	17.55	19	2.5

Band 7 Ant0 Main PA DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.68	23.04	22.71	23.5	0
20	QPSK	1	49	22.95	22.68	22.67		
20	QPSK	1	99	22.91	22.73	22.72		
20	QPSK	50	0	22.09	22.29	22.09	23.5	0
20	QPSK	50	24	22.15	22.19	22.12		
20	QPSK	50	50	22.1	22.15	22.06		
20	QPSK	100	0	22.07	22.11	22.08		
20	16QAM	1	0	22.16	22.2	22.2	23.5	0
20	16QAM	1	49	22.08	22.23	22.11		
20	16QAM	1	99	22.07	22.39	22.1		
20	16QAM	50	0	21.46	21.49	21.38	22.5	1
20	16QAM	50	24	21.37	21.43	21.41		
20	16QAM	50	50	21.38	21.48	21.46		
20	16QAM	100	0	21.45	21.5	21.42		
20	64QAM	1	0	21.49	21.53	21.47	22.5	1
20	64QAM	1	49	21.33	21.43	21.35		
20	64QAM	1	99	21.38	21.48	21.42		
20	64QAM	50	0	20.49	20.54	20.49	21.5	2
20	64QAM	50	24	20.52	20.57	20.53		
20	64QAM	50	50	20.46	20.52	20.48		
20	64QAM	100	0	20.43	20.52	20.45		
20	256QAM	1	0	18.16	18.19	18.12	19.5	4
20	256QAM	1	49	18.13	18.18	18.14		
20	256QAM	1	99	18.01	18.11	18.09		
20	256QAM	50	0	18.16	18.2	18.11	19.5	4
20	256QAM	50	24	18.19	18.2	18.17		
20	256QAM	50	50	18.17	18.19	18.15		
20	256QAM	100	0	18.2	18.22	18.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.95	22.55	22.57	23.5	0
15	QPSK	1	37	22.84	22.62	22.65		
15	QPSK	1	74	22.85	22.58	22.69		
15	QPSK	36	0	22.11	22.12	22.07	23.5	0
15	QPSK	36	20	22.03	22.09	22.07		
15	QPSK	36	39	22.03	22.05	22.1		
15	QPSK	75	0	22.02	22	22.06		
15	16QAM	1	0	22.07	22.12	22.11	23.5	0
15	16QAM	1	37	22.02	22.21	22.09		
15	16QAM	1	74	22.03	22.34	22.05		
15	16QAM	36	0	21.42	21.45	21.35	22.5	1
15	16QAM	36	20	21.32	21.42	21.32		
15	16QAM	36	39	21.28	21.47	21.37		
15	16QAM	75	0	21.35	21.43	21.33		
15	64QAM	1	0	21.4	21.44	21.39	22.5	1
15	64QAM	1	37	21.28	21.4	21.31		
15	64QAM	1	74	21.29	21.39	21.38		
15	64QAM	36	0	20.46	20.49	20.47	21.5	2
15	64QAM	36	20	20.47	20.54	20.51		
15	64QAM	36	39	20.39	20.51	20.46		
15	64QAM	75	0	20.33	20.46	20.43		
15	256QAM	1	0	18.13	18.17	18.05	19.5	4
15	256QAM	1	37	18.03	18.16	18.04		
15	256QAM	1	74	18.13	18.05	18.02		
15	256QAM	36	0	18.09	18.15	18.01	19.5	4
15	256QAM	36	20	18.16	18.15	18.11		
15	256QAM	36	39	18.08	18.13	18.09		
15	256QAM	75	0	18.16	18.18	18.04		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.9	22.5	22.59	23.5	0
10	QPSK	1	25	22.88	22.54	22.58		
10	QPSK	1	49	22.77	22.67	22.6		
10	QPSK	25	0	22.09	22.11	22.09	23.5	0
10	QPSK	25	12	22.08	22.05	22.05		
10	QPSK	25	25	22.05	22.13	22.05		
10	QPSK	50	0	22.03	22.06	22.02		
10	16QAM	1	0	22.05	22.14	22.16	23.5	0
10	16QAM	1	25	22.06	22.18	22.02		
10	16QAM	1	49	22.06	22.34	22.02		
10	16QAM	25	0	21.36	21.44	21.28	22.5	1
10	16QAM	25	12	21.29	21.33	21.34		
10	16QAM	25	25	21.3	21.41	21.36		
10	16QAM	50	0	21.41	21.48	21.35		
10	64QAM	1	0	21.43	21.44	21.42	22.5	1
10	64QAM	1	25	21.24	21.33	21.24		
10	64QAM	1	49	21.3	21.47	21.34		
10	64QAM	25	0	20.48	20.51	20.44	21.5	2
10	64QAM	25	12	20.48	20.56	20.51		
10	64QAM	25	25	20.38	20.47	20.47		
10	64QAM	50	0	20.39	20.43	20.44		
10	256QAM	1	0	18.12	18.15	18.06	19.5	4
10	256QAM	1	25	18.06	18.13	18.07		
10	256QAM	1	49	18.13	18.08	18.01		
10	256QAM	25	0	18.07	18.12	18.07	19.5	4
10	256QAM	25	12	18.16	18.19	18.13		
10	256QAM	25	25	18.08	18.18	18.14		
10	256QAM	50	0	18.16	18.2	18.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.9	22.66	22.53	23.5	0
5	QPSK	1	12	22.76	22.57	22.49		
5	QPSK	1	24	22.81	22.54	22.7		
5	QPSK	12	0	22.11	22.13	22.03	23.5	0
5	QPSK	12	7	22.01	22.05	22.03		
5	QPSK	12	13	22.06	22.1	22.01		
5	QPSK	25	0	22.05	22.01	22.05		
5	16QAM	1	0	22.12	22.15	22.13	23.5	0
5	16QAM	1	12	22.03	22.16	22.06		
5	16QAM	1	24	22.06	22.33	22.07		
5	16QAM	12	0	21.45	21.44	21.32	22.5	1
5	16QAM	12	7	21.32	21.34	21.39		
5	16QAM	12	13	21.35	21.44	21.44		
5	16QAM	25	0	21.37	21.4	21.34		
5	64QAM	1	0	21.41	21.46	21.39	22.5	1
5	64QAM	1	12	21.27	21.42	21.27		
5	64QAM	1	24	21.33	21.38	21.4		
5	64QAM	12	0	20.43	20.45	20.46	21.5	2
5	64QAM	12	7	20.49	20.52	20.43		
5	64QAM	12	13	20.4	20.5	20.42		
5	64QAM	25	0	20.35	20.46	20.35		
5	256QAM	1	0	18.14	18.14	18.11	19.5	4
5	256QAM	1	12	18.07	18.08	18.07		
5	256QAM	1	24	18	18.02	18.01		
5	256QAM	12	0	18.08	18.15	18.01	19.5	4
5	256QAM	12	7	18.12	18.1	18.13		
5	256QAM	12	13	18.06	18.16	18.05		
5	256QAM	25	0	18.11	18.13	18.11		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.72	23.86	23.59	24.2	0
20	QPSK	1	49	23.83	23.67	23.58		
20	QPSK	1	99	23.67	23.62	23.73		
20	QPSK	50	0	23.8	23.82	23.76	24.2	0
20	QPSK	50	24	23.65	23.69	23.77		
20	QPSK	50	50	23.78	23.81	23.61		
20	QPSK	100	0	23.73	23.84	23.72		
20	16QAM	1	0	23.69	23.79	23.61	24.2	0
20	16QAM	1	49	23.74	23.79	23.68		
20	16QAM	1	99	23.66	23.68	23.68		
20	16QAM	50	0	23.09	23.13	23.11	23.7	0.5
20	16QAM	50	24	23.05	23.14	23.07		
20	16QAM	50	50	23.06	23.14	23.12		
20	16QAM	100	0	23.08	23.14	23.11		
20	64QAM	1	0	23.13	23.2	23.14	23.7	0.5
20	64QAM	1	49	23.15	23.19	23.1		
20	64QAM	1	99	23.1	23.19	23.14		
20	64QAM	50	0	22.11	22.14	22.1	22.7	1.5
20	64QAM	50	24	22.13	22.22	22.13		
20	64QAM	50	50	22.17	22.2	22.17		
20	64QAM	100	0	22.07	22.15	22.04		
20	256QAM	1	0	20.15	20.21	20.12	20.7	3.5
20	256QAM	1	49	20.1	20.21	20.12		
20	256QAM	1	99	20.08	20.19	20.09		
20	256QAM	50	0	20.13	20.18	20.13	20.7	3.5
20	256QAM	50	24	20.14	20.21	20.19		
20	256QAM	50	50	20.14	20.16	20.15		
20	256QAM	100	0	20.03	20.14	20.1		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.7	23.69	23.55	24.2	0
15	QPSK	1	37	23.83	23.65	23.49		
15	QPSK	1	74	23.47	23.63	23.69		
15	QPSK	36	0	23.64	23.66	23.77	24.2	0
15	QPSK	36	20	23.7	23.69	23.64		
15	QPSK	36	39	23.78	23.82	23.51		
15	QPSK	75	0	23.7	23.62	23.56		
15	16QAM	1	0	23.62	23.68	23.61	24.2	0
15	16QAM	1	37	23.55	23.57	23.52		
15	16QAM	1	74	23.56	23.68	23.62		
15	16QAM	36	0	23.03	23.04	23.09	23.7	0.5
15	16QAM	36	20	22.98	23.13	22.98		
15	16QAM	36	39	22.98	23.04	23.09		
15	16QAM	75	0	22.98	23.11	23.07		
15	64QAM	1	0	23.02	23.13	23.11	23.7	0.5
15	64QAM	1	37	23.06	23.1	23.02		
15	64QAM	1	74	23.07	23.11	23.13		
15	64QAM	36	0	22.07	22.05	22	22.7	1.5
15	64QAM	36	20	22.11	22.18	22.03		
15	64QAM	36	39	22.07	22.13	22.09		
15	64QAM	75	0	22	22.11	22.03		
15	256QAM	1	0	20.05	20.14	20.07	20.7	3.5
15	256QAM	1	37	20	20.16	20.1		
15	256QAM	1	74	20.01	20.13	20.03		
15	256QAM	36	0	20.11	20.16	20.08	20.7	3.5
15	256QAM	36	20	20.12	20.19	20.12		
15	256QAM	36	39	20.06	20.09	20.09		
15	256QAM	75	0	19.93	20.1	20.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.63	23.57	23.58	24.2	0
10	QPSK	1	25	23.68	23.62	23.55		
10	QPSK	1	49	23.58	23.55	23.71		
10	QPSK	25	0	23.64	23.48	23.78	24.2	0
10	QPSK	25	12	23.61	23.62	23.72		
10	QPSK	25	25	23.79	23.62	23.44		
10	QPSK	50	0	23.66	23.79	23.65		
10	16QAM	1	0	23.69	23.59	23.42	24.2	0
10	16QAM	1	25	23.62	23.72	23.58		
10	16QAM	1	49	23.46	23.47	23.69		
10	16QAM	25	0	23	23.09	23.1	23.7	0.5
10	16QAM	25	12	22.95	23.09	23		
10	16QAM	25	25	23.03	23.05	23.01		
10	16QAM	50	0	23.01	23.03	23.06		
10	64QAM	1	0	23.1	23.11	23.07	23.7	0.5
10	64QAM	1	25	23.04	23.11	23.07		
10	64QAM	1	49	23.04	23.11	23.09		
10	64QAM	25	0	22.05	22.06	22.03	22.7	1.5
10	64QAM	25	12	22.08	22.12	22.08		
10	64QAM	25	25	22.16	22.18	22.08		
10	64QAM	50	0	22	22.08	21.98		
10	256QAM	1	0	20.12	20.13	20.11	20.7	3.5
10	256QAM	1	25	20	20.12	20.1		
10	256QAM	1	49	20.01	20.17	20.06		
10	256QAM	25	0	20.11	20.08	20.08	20.7	3.5
10	256QAM	25	12	20.05	20.16	20.08		
10	256QAM	25	25	20.1	20.13	20.06		
10	256QAM	50	0	19.93	20.04	20.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.69	23.63	23.44	24.2	0
5	QPSK	1	12	23.72	23.67	23.42		
5	QPSK	1	24	23.46	23.42	23.58		
5	QPSK	12	0	23.49	23.51	23.68	24.2	0
5	QPSK	12	7	23.79	23.64	23.67		
5	QPSK	12	13	23.7	23.69	23.62		
5	QPSK	25	0	23.67	23.75	23.71		
5	16QAM	1	0	23.64	23.74	23.58	24.2	0
5	16QAM	1	12	23.66	23.68	23.69		
5	16QAM	1	24	23.63	23.48	23.65		
5	16QAM	12	0	22.99	23.09	23.08	23.7	0.5
5	16QAM	12	7	22.97	23.08	23.01		
5	16QAM	12	13	23.03	23.09	23.05		
5	16QAM	25	0	23.02	23.1	23.01		
5	64QAM	1	0	23.03	23.18	23.07	23.7	0.5
5	64QAM	1	12	23.08	23.12	23.09		
5	64QAM	1	24	23.04	23.09	23.08		
5	64QAM	12	0	22.01	22.11	22.04	22.7	1.5
5	64QAM	12	7	22.04	22.2	22.02		
5	64QAM	12	13	22.07	22.18	22.13		
5	64QAM	25	0	21.99	22.06	21.95		
5	256QAM	1	0	20.09	20.19	20.04	20.7	3.5
5	256QAM	1	12	20.02	20.17	20.08		
5	256QAM	1	24	19.97	20.12	20.08		
5	256QAM	12	0	20.03	20.1	20.05	20.7	3.5
5	256QAM	12	7	20.11	20.11	20.13		
5	256QAM	12	13	20.06	20.11	20.13		
5	256QAM	25	0	19.92	20.13	20.01		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.7	23.56	23.5	24.2	0
3	QPSK	1	8	23.73	23.56	23.53		
3	QPSK	1	14	23.67	23.41	23.68		
3	QPSK	8	0	23.47	23.67	23.58	24.2	0
3	QPSK	8	4	23.68	23.59	23.55		
3	QPSK	8	7	23.72	23.82	23.57		
3	QPSK	15	0	23.6	23.81	23.59		
3	16QAM	1	0	23.49	23.6	23.49	24.2	0
3	16QAM	1	8	23.61	23.61	23.51		
3	16QAM	1	14	23.49	23.48	23.58		
3	16QAM	8	0	23.07	23.04	23.01	23.7	0.5
3	16QAM	8	4	22.97	23.11	23.03		
3	16QAM	8	7	22.97	23.09	23.06		
3	16QAM	15	0	23.07	23.13	23.08		
3	64QAM	1	0	23.04	23.14	23.1	23.7	0.5
3	64QAM	1	8	23.08	23.09	23.05		
3	64QAM	1	14	23.08	23.1	23.05		
3	64QAM	8	0	22.07	22.07	22.08	22.7	1.5
3	64QAM	8	4	22.05	22.19	22.06		
3	64QAM	8	7	22.13	22.16	22.08		
3	64QAM	15	0	22.02	22.06	22.01		
3	256QAM	1	0	20.13	20.14	20.02	20.7	3.5
3	256QAM	1	8	19.99	20.18	20.09		
3	256QAM	1	14	19.97	20.13	20.03		
3	256QAM	8	0	20.08	20.1	20.08	20.7	3.5
3	256QAM	8	4	20.06	20.2	20.15		
3	256QAM	8	7	20.06	20.07	20.09		
3	256QAM	15	0	19.94	20.11	20.07		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.73	23.63	23.53	24.2	0
1.4	QPSK	1	3	23.81	23.62	23.48		
1.4	QPSK	1	5	23.58	23.43	23.65		
1.4	QPSK	3	0	23.46	23.5	23.79		
1.4	QPSK	3	1	23.77	23.75	23.6		
1.4	QPSK	3	3	23.65	23.76	23.49		
1.4	QPSK	6	0	23.56	23.8	23.5	24.2	0
1.4	16QAM	1	0	23.67	23.62	23.57	24.2	0
1.4	16QAM	1	3	23.64	23.68	23.59		
1.4	16QAM	1	5	23.47	23.63	23.54		
1.4	16QAM	3	0	23.57	23.55	23.41		
1.4	16QAM	3	1	23.62	23.71	23.56		
1.4	16QAM	3	3	23.74	23.72	23.4		
1.4	16QAM	6	0	22.98	23.09	23.01	23.7	0.5
1.4	64QAM	1	0	23.05	23.16	23.12	23.7	0.5
1.4	64QAM	1	3	23.08	23.1	23.02		
1.4	64QAM	1	5	23.03	23.09	23.07		
1.4	64QAM	3	0	22.98	23.07	23.03		
1.4	64QAM	3	1	22.96	23.1	23.05		
1.4	64QAM	3	3	23.02	23.12	23.05		
1.4	64QAM	6	0	22.04	22.09	22	22.7	1.5
1.4	256QAM	1	0	20.11	20.1	20.05	20.7	3.5
1.4	256QAM	1	3	20.03	20.13	20.03		
1.4	256QAM	1	5	20.06	20.12	20.02		
1.4	256QAM	3	0	20.05	20.17	20.1		
1.4	256QAM	3	1	20.06	20.16	20.17		
1.4	256QAM	3	3	20.09	20.14	20.12		
1.4	256QAM	6	0	20	20.12	20.01	20.7	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	23.21	23.29	23.15	24	0
20	QPSK	1	49	23.02	23.09	22.99		
20	QPSK	1	99	23.08	23.15	23.04		
20	QPSK	50	0	22.69	22.46	22.16	23	1
20	QPSK	50	24	22.29	22.40	22.33		
20	QPSK	50	50	22.14	22.21	22.10		
20	QPSK	100	0	22.31	22.35	22.26		
20	16QAM	1	0	22.17	22.20	22.16	23	1
20	16QAM	1	49	22.09	22.17	22.13		
20	16QAM	1	99	22.09	22.16	22.13		
20	16QAM	50	0	21.18	21.20	21.13	22	2
20	16QAM	50	24	21.17	21.24	21.14		
20	16QAM	50	50	21.06	21.16	21.12		
20	16QAM	100	0	21.10	21.20	21.13		
20	64QAM	1	0	21.28	21.30	21.23	22	2
20	64QAM	1	49	21.15	21.21	21.19		
20	64QAM	1	99	21.18	21.24	21.23		
20	64QAM	50	0	20.13	20.16	20.07	21	3
20	64QAM	50	24	20.14	20.19	20.12		
20	64QAM	50	50	20.13	20.23	20.13		
20	64QAM	100	0	20.12	20.21	20.18		
20	256QAM	1	0	17.94	18.01	17.94	19	5
20	256QAM	1	49	17.83	17.93	17.89		
20	256QAM	1	99	17.91	17.94	17.88		
20	256QAM	50	0	17.93	17.97	17.94	19	5
20	256QAM	50	24	17.89	17.98	17.92		
20	256QAM	50	50	17.93	17.99	17.97		
20	256QAM	100	0	17.89	17.96	17.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.21	23.07	23.02	24	0
15	QPSK	1	37	22.95	22.97	23.00		
15	QPSK	1	74	22.94	23.03	22.98		
15	QPSK	36	0	22.12	22.32	22.20	23	1
15	QPSK	36	20	22.02	22.46	22.12		
15	QPSK	36	39	22.11	22.16	21.94		
15	QPSK	75	0	22.19	22.19	22.20		
15	16QAM	1	0	22.09	21.99	21.95	23	1
15	16QAM	1	37	22.11	22.11	22.01		
15	16QAM	1	74	22.07	22.01	21.92		
15	16QAM	36	0	21.18	20.99	21.09	22	2
15	16QAM	36	20	21.01	21.25	20.99		
15	16QAM	36	39	20.90	20.99	21.10		
15	16QAM	75	0	20.95	21.04	20.99		
15	64QAM	1	0	21.25	21.24	21.05	22	2
15	64QAM	1	37	21.09	21.15	21.18		
15	64QAM	1	74	20.97	21.12	21.21		
15	64QAM	36	0	19.92	19.96	20.03	21	3
15	64QAM	36	20	20.05	20.15	19.99		
15	64QAM	36	39	19.95	20.14	20.03		
15	64QAM	75	0	20.05	20.00	20.03		
15	256QAM	1	0	17.95	17.94	17.79	19	5
15	256QAM	1	37	17.85	17.93	17.69		
15	256QAM	1	74	17.70	17.89	17.87		
15	256QAM	36	0	17.86	17.77	17.94	19	5
15	256QAM	36	20	17.80	17.79	17.89		
15	256QAM	36	39	17.86	18.00	17.91		
15	256QAM	75	0	17.85	17.85	17.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.09	23.21	23.12	24	0
10	QPSK	1	25	22.82	22.87	22.64		
10	QPSK	1	49	22.93	23.00	23.00		
10	QPSK	25	0	22.30	22.21	22.16	23	1
10	QPSK	25	12	21.98	22.38	22.10		
10	QPSK	25	25	22.14	22.12	22.12		
10	QPSK	50	0	22.28	22.16	22.12		
10	16QAM	1	0	22.10	22.10	22.04	23	1
10	16QAM	1	25	21.95	22.13	22.04		
10	16QAM	1	49	21.99	22.14	21.96		
10	16QAM	25	0	21.16	21.18	21.15	22	2
10	16QAM	25	12	20.99	21.17	20.94		
10	16QAM	25	25	20.98	20.99	21.03		
10	16QAM	50	0	20.96	20.99	21.11		
10	64QAM	1	0	21.25	21.21	21.16	22	2
10	64QAM	1	25	21.07	21.16	21.14		
10	64QAM	1	49	21.06	21.05	21.11		
10	64QAM	25	0	20.10	20.15	19.94	21	3
10	64QAM	25	12	20.08	20.16	19.94		
10	64QAM	25	25	19.93	20.11	20.01		
10	64QAM	50	0	20.07	20.19	20.10		
10	256QAM	1	0	17.94	18.02	17.82	19	5
10	256QAM	1	25	17.83	17.85	17.69		
10	256QAM	1	49	17.76	17.75	17.73		
10	256QAM	25	0	17.77	17.87	17.76	19	5
10	256QAM	25	12	17.71	17.87	17.87		
10	256QAM	25	25	17.83	17.90	17.92		
10	256QAM	50	0	17.68	17.92	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.09	23.13	23.15	24	0
5	QPSK	1	12	23.02	22.99	22.87		
5	QPSK	1	24	22.89	23.17	22.85		
5	QPSK	12	0	22.25	22.31	22.11	23	1
5	QPSK	12	7	21.89	22.41	22.01		
5	QPSK	12	13	21.97	22.11	22.12		
5	QPSK	25	0	22.12	22.21	22.19		
5	16QAM	1	0	22.13	22.20	22.00	23	1
5	16QAM	1	12	21.97	22.07	22.13		
5	16QAM	1	24	22.05	22.17	21.98		
5	16QAM	12	0	20.96	20.99	21.08	22	2
5	16QAM	12	7	20.96	21.25	21.10		
5	16QAM	12	13	21.00	21.08	20.92		
5	16QAM	25	0	20.99	21.04	21.04		
5	64QAM	1	0	21.22	21.21	21.20	22	2
5	64QAM	1	12	20.95	21.17	21.03		
5	64QAM	1	24	21.12	21.16	21.22		
5	64QAM	12	0	19.99	20.08	19.97	21	3
5	64QAM	12	7	20.15	20.15	20.04		
5	64QAM	12	13	20.08	20.24	19.93		
5	64QAM	25	0	20.10	20.20	19.99		
5	256QAM	1	0	17.89	17.97	17.94	19	5
5	256QAM	1	12	17.80	17.81	17.81		
5	256QAM	1	24	17.87	17.78	17.83		
5	256QAM	12	0	17.79	17.84	17.85	19	5
5	256QAM	12	7	17.77	17.83	17.75		
5	256QAM	12	13	17.83	17.85	17.96		
5	256QAM	25	0	17.79	17.79	17.87		

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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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	23.15	23.05	23.17	23.01	23.08	24	0
20	QPSK	1	49	22.99	22.97	23.05	23.02	22.99		
20	QPSK	1	99	22.98	22.96	23.01	22.93	22.95		
20	QPSK	50	0	22.22	22.26	22.39	22.21	22.30	23	1
20	QPSK	50	24	22.34	22.33	22.35	22.27	22.29		
20	QPSK	50	50	22.11	22.05	22.15	22.10	22.06		
20	QPSK	100	0	22.00	22.20	22.25	22.19	22.18		
20	16QAM	1	0	21.97	21.97	22.08	22.02	22.01	23	1
20	16QAM	1	49	21.94	22.00	22.03	21.96	22.00		
20	16QAM	1	99	22.01	21.95	22.05	21.98	22.01		
20	16QAM	50	0	21.00	21.01	21.04	21.00	20.99	22	2
20	16QAM	50	24	21.00	21.00	21.10	21.05	21.02		
20	16QAM	50	50	21.09	20.99	21.10	21.00	21.02		
20	16QAM	100	0	21.00	20.96	21.06	21.02	21.00		
20	64QAM	1	0	21.21	21.14	21.23	21.16	21.13	22	2
20	64QAM	1	49	21.09	21.08	21.12	21.05	21.07		
20	64QAM	1	99	21.01	21.07	21.11	21.06	21.04		
20	64QAM	50	0	20.01	20.02	20.08	20.00	19.99	21	3
20	64QAM	50	24	20.09	20.09	20.12	20.09	20.04		
20	64QAM	50	50	19.99	20.03	20.06	19.95	20.04		
20	64QAM	100	0	19.97	20.00	20.06	19.97	20.00		
20	256QAM	1	0	17.91	17.90	17.99	17.88	17.94	19	5
20	256QAM	1	49	17.87	17.85	17.88	17.86	17.79		
20	256QAM	1	99	17.85	17.79	17.86	17.79	17.82		
20	256QAM	50	0	17.86	17.85	17.89	17.83	17.87	19	5
20	256QAM	50	24	17.89	17.90	17.94	17.88	17.89		
20	256QAM	50	50	17.88	17.92	17.95	17.90	17.88		
20	256QAM	100	0	17.88	17.96	17.97	17.89	17.88		
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	23.07	22.94	22.99	22.84	22.98	24	0
15	QPSK	1	37	22.94	22.93	22.97	22.96	23.01		
15	QPSK	1	74	22.85	22.77	22.90	22.89	22.85		
15	QPSK	36	0	22.13	22.13	22.35	22.24	22.17	23	1
15	QPSK	36	20	22.11	22.12	22.21	22.05	22.27		
15	QPSK	36	39	22.05	21.96	22.12	22.06	21.97		
15	QPSK	75	0	22.18	22.10	22.22	21.99	22.16		
15	16QAM	1	0	21.95	21.90	21.89	22.02	22.01	23	1
15	16QAM	1	37	21.87	21.80	21.85	21.82	21.97		
15	16QAM	1	74	22.01	21.81	22.04	21.79	21.85		
15	16QAM	36	0	20.94	20.95	21.05	20.98	20.90	22	2
15	16QAM	36	20	20.93	20.99	21.02	20.89	21.03		
15	16QAM	36	39	21.02	21.00	21.01	20.91	20.86		
15	16QAM	75	0	20.89	20.95	21.05	20.84	20.80		
15	64QAM	1	0	21.17	21.12	21.18	20.99	21.00	22	2
15	64QAM	1	37	20.88	20.92	20.96	20.88	20.91		
15	64QAM	1	74	20.80	20.91	20.94	20.95	20.86		
15	64QAM	36	0	19.87	20.01	20.01	19.91	19.84	21	3
15	64QAM	36	20	19.92	19.99	19.96	20.11	19.89		
15	64QAM	36	39	19.98	20.04	20.08	19.80	19.86		
15	64QAM	75	0	19.77	19.86	19.87	19.92	19.90		
15	256QAM	1	0	17.70	17.85	17.99	17.70	17.88	19	5
15	256QAM	1	37	17.75	17.85	17.88	17.79	17.69		
15	256QAM	1	74	17.81	17.59	17.79	17.61	17.66		
15	256QAM	36	0	17.74	17.82	17.89	17.72	17.77	19	5
15	256QAM	36	20	17.87	17.82	17.91	17.74	17.84		
15	256QAM	36	39	17.86	17.73	17.80	17.77	17.75		
15	256QAM	75	0	17.66	17.78	17.76	17.90	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.09	22.93	23.10	22.85	22.98	24	0
10	QPSK	1	25	22.79	22.86	23.01	23.01	22.79		
10	QPSK	1	49	22.94	22.93	23.02	22.88	22.79		
10	QPSK	25	0	22.16	22.16	22.20	22.28	22.20	23	1
10	QPSK	25	12	22.20	22.15	22.37	22.20	22.16		
10	QPSK	25	25	22.02	21.85	21.93	21.93	22.02		
10	QPSK	50	0	22.15	22.22	22.08	22.03	21.96		
10	16QAM	1	0	21.77	21.97	22.04	21.88	21.85	23	1
10	16QAM	1	25	21.84	21.81	21.87	21.80	22.02		
10	16QAM	1	49	21.88	21.95	22.05	21.97	21.97		
10	16QAM	25	0	20.96	20.98	20.95	20.89	20.84	22	2
10	16QAM	25	12	20.98	20.95	21.10	21.02	21.01		
10	16QAM	25	25	20.97	20.82	20.99	20.90	20.87		
10	16QAM	50	0	20.97	20.82	21.08	20.84	21.01		
10	64QAM	1	0	21.19	20.95	21.10	21.04	20.97	22	2
10	64QAM	1	25	20.87	20.96	20.95	20.84	20.91		
10	64QAM	1	49	20.81	21.06	21.10	21.06	20.98		
10	64QAM	25	0	20.00	19.95	20.01	19.88	19.77	21	3
10	64QAM	25	12	20.06	20.11	19.93	19.89	20.00		
10	64QAM	25	25	19.83	19.97	19.85	19.94	19.91		
10	64QAM	50	0	19.96	19.82	19.94	19.81	19.96		
10	256QAM	1	0	17.75	17.80	17.90	17.73	17.75	19	5
10	256QAM	1	25	17.70	17.76	17.87	17.72	17.73		
10	256QAM	1	49	17.72	17.70	17.84	17.76	17.60		
10	256QAM	25	0	17.74	17.71	17.70	17.80	17.89	19	5
10	256QAM	25	12	17.77	17.89	17.90	17.82	17.85		
10	256QAM	25	25	17.75	17.74	17.85	17.88	17.86		
10	256QAM	50	0	17.85	17.81	17.93	17.86	17.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.03	22.94	22.95	22.80	23.05	24	0
5	QPSK	1	12	22.78	22.80	22.84	22.98	22.99		
5	QPSK	1	24	22.90	22.90	22.99	22.73	22.84		
5	QPSK	12	0	22.27	22.29	22.30	22.16	22.28	23	1
5	QPSK	12	7	22.03	22.20	22.19	22.10	22.31		
5	QPSK	12	13	21.96	21.88	22.10	21.91	21.92		
5	QPSK	25	0	22.06	22.07	21.99	21.99	22.18		
5	16QAM	1	0	21.77	21.88	21.87	21.98	21.94	23	1
5	16QAM	1	12	21.87	21.86	21.84	21.96	21.85		
5	16QAM	1	24	21.93	21.76	22.03	21.77	21.85		
5	16QAM	12	0	20.87	20.93	21.00	20.98	20.91	22	2
5	16QAM	12	7	20.81	20.81	20.92	20.88	20.97		
5	16QAM	12	13	20.92	21.01	21.04	20.99	21.00		
5	16QAM	25	0	20.88	20.81	20.86	20.99	20.83		
5	64QAM	1	0	21.03	21.12	21.11	21.00	20.96	22	2
5	64QAM	1	12	20.93	21.06	20.95	21.06	20.99		
5	64QAM	1	24	20.81	20.95	20.92	20.96	20.90		
5	64QAM	12	0	19.97	19.90	20.08	20.00	19.89	21	3
5	64QAM	12	7	19.90	19.95	20.08	20.06	19.83		
5	64QAM	12	13	19.87	19.85	20.04	19.77	20.00		
5	64QAM	25	0	19.95	19.82	19.91	19.88	19.96		
5	256QAM	1	0	17.71	17.82	17.87	17.86	17.82	19	5
5	256QAM	1	12	17.81	17.84	17.73	17.70	17.68		
5	256QAM	1	24	17.70	17.58	17.87	17.62	17.65		
5	256QAM	12	0	17.65	17.70	17.86	17.79	17.80	19	5
5	256QAM	12	7	17.80	17.74	17.84	17.73	17.68		
5	256QAM	12	13	17.72	17.91	17.81	17.68	17.84		
5	256QAM	25	0	17.81	17.78	17.85	17.82	17.80		

Band 4 Ant1 Main PA DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20050	20175	20300		
	Frequency (MHz)			1720	1732.5	1745		
20	QPSK	1	0	18.35	18.56	18.35		
20	QPSK	1	49	18.39	18.47	18.41	20	0
20	QPSK	1	99	18.52	18.39	18.37		
20	QPSK	50	0	18.47	18.55	18.50		
20	QPSK	50	24	18.34	18.45	18.54	20	0
20	QPSK	50	50	18.35	18.44	18.40		
20	QPSK	100	0	18.42	18.48	18.44		
20	16QAM	1	0	18.42	18.39	18.43		
20	16QAM	1	49	18.46	18.53	18.37	20	0
20	16QAM	1	99	18.45	18.48	18.32		
20	16QAM	50	0	18.51	18.40	18.48		
20	16QAM	50	24	18.32	18.48	18.46	20	0
20	16QAM	50	50	18.40	18.50	18.40		
20	16QAM	100	0	18.45	18.49	18.39		
20	64QAM	1	0	18.37	18.44	18.48		
20	64QAM	1	49	18.39	18.53	18.53	20	0
20	64QAM	1	99	18.46	18.44	18.49		
20	64QAM	50	0	18.40	18.49	18.46		
20	64QAM	50	24	18.47	18.46	18.55	20	0
20	64QAM	50	50	18.51	18.51	18.35		
20	64QAM	100	0	18.48	18.51	18.35		
20	256QAM	1	0	17.50	17.59	17.50		
20	256QAM	1	49	17.47	17.57	17.56	19	1
20	256QAM	1	99	17.48	17.40	17.41		
20	256QAM	50	0	17.43	17.52	17.48		
20	256QAM	50	24	17.44	17.50	17.44	19	1
20	256QAM	50	50	17.48	17.56	17.46		
20	256QAM	100	0	17.53	17.58	17.54		
	Channel			20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	18.20	18.49	18.30		
15	QPSK	1	37	18.27	18.43	18.28	20	0
15	QPSK	1	74	18.36	18.34	18.32		
15	QPSK	36	0	18.17	18.47	18.41		
15	QPSK	36	20	18.42	18.42	18.32	20	0
15	QPSK	36	39	18.23	18.30	18.37		
15	QPSK	75	0	18.23	18.40	18.42		
15	16QAM	1	0	18.32	18.37	18.25		
15	16QAM	1	37	18.32	18.42	18.26	20	0
15	16QAM	1	74	18.39	18.30	18.14		
15	16QAM	36	0	18.39	18.30	18.38		
15	16QAM	36	20	18.17	18.45	18.39	20	0
15	16QAM	36	39	18.38	18.44	18.24		
15	16QAM	75	0	18.32	18.34	18.23		
15	64QAM	1	0	18.22	18.41	18.43		
15	64QAM	1	37	18.26	18.38	18.34	20	0
15	64QAM	1	74	18.40	18.26	18.38		
15	64QAM	36	0	18.35	18.46	18.35		
15	64QAM	36	20	18.34	18.44	18.38	20	0
15	64QAM	36	39	18.49	18.46	18.28		
15	64QAM	75	0	18.46	18.43	18.31		
15	256QAM	1	0	17.48	17.55	17.40		
15	256QAM	1	37	17.42	17.54	17.55	19	1
15	256QAM	1	74	17.36	17.39	17.32		
15	256QAM	36	0	17.37	17.46	17.38		
15	256QAM	36	20	17.38	17.43	17.43	19	1
15	256QAM	36	39	17.43	17.45	17.39		
15	256QAM	75	0	17.51	17.48	17.46		
	Channel			20050	20175	20300	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	18.16	18.48	18.22		
10	QPSK	1	25	18.21	18.44	18.31	20	0
10	QPSK	1	49	18.43	18.23	18.35		
10	QPSK	25	0	18.22	18.36	18.38		
10	QPSK	25	12	18.32	18.37	18.37	20	0
10	QPSK	25	25	18.29	18.39	18.35		
10	QPSK	50	0	18.26	18.38	18.26		
10	16QAM	1	0	18.36	18.31	18.36		
10	16QAM	1	25	18.36	18.41	18.24	20	0
10	16QAM	1	49	18.35	18.35	18.26		
10	16QAM	25	0	18.43	18.33	18.42		
10	16QAM	25	12	18.28	18.46	18.38	20	0
10	16QAM	25	25	18.29	18.48	18.35		
10	16QAM	50	0	18.32	18.36	18.35		
10	64QAM	1	0	18.22	18.38	18.33		
10	64QAM	1	25	18.28	18.47	18.49	20	0
10	64QAM	1	49	18.47	18.35	18.40		
10	64QAM	25	0	18.26	18.36	18.31		
10	64QAM	25	12	18.43	18.39	18.43	20	0
10	64QAM	25	25	18.39	18.48	18.19		
10	64QAM	50	0	18.31	18.37	18.32		
10	256QAM	1	0	17.46	17.54	17.45		
10	256QAM	1	25	17.44	17.48	17.47	19	1
10	256QAM	1	49	17.37	17.40	17.36		
10	256QAM	25	0	17.36	17.44	17.41		
10	256QAM	25	12	17.38	17.40	17.40	19	1
10	256QAM	25	25	17.41	17.47	17.40		
10	256QAM	50	0	17.43	17.51	17.51		
	Channel			19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1732.5	1752.5		
5	QPSK	1	0	18.32	18.39	18.34		
5	QPSK	1	12	18.32	18.35	18.37	20	0
5	QPSK	1	24	18.39	18.21	18.25		
5	QPSK	12	0	18.23	18.39	18.47		
5	QPSK	12	7	18.44	18.36	18.32	20	0
5	QPSK	12	13	18.32	18.36	18.38		
5	QPSK	25	0	18.40	18.39	18.33		
5	16QAM	1	0	18.35	18.24	18.35		
5	16QAM	1	12	18.39	18.41	18.28	20	0
5	16QAM	1	24	18.30	18.33	18.23		
5	16QAM	12	0	18.46	18.30	18.40		
5	16QAM	12	7	18.18	18.43	18.37	20	0
5	16QAM	12	13	18.45	18.31	18.29		
5	16QAM	25	0	18.32	18.36	18.25		
5	64QAM	1	0	18.22	18.41	18.40		
5	64QAM	1	12	18.36	18.35	18.46	20	0
5	64QAM	1	24	18.34	18.34	18.42		
5	64QAM	12	0	18.30	18.35	18.32		
5	64QAM	12	7	18.39	18.32	18.38	20	0
5	64QAM	12	13	18.38	18.42	18.30		
5	64QAM	25	0	18.47	18.38	18.19		
5	256QAM	1	0	17.44	17.56	17.48		
5	256QAM	1	12	17.44	17.49	17.48	19	1
5	256QAM	1	24	17.43	17.45	17.40		
5	256QAM	12	0	17.39	17.50	17.38		
5	256QAM	12	7	17.40	17.41	17.35	19	1
5	256QAM	12	13	17.41	17.48	17.41		
5	256QAM	25	0	17.51	17.51	17.52		
	Channel			19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	18.18	18.38	18.27		
3	QPSK	1	8	18.34	18.41	18.24	20	0
3	QPSK	1	14	18.37	18.38	18.30		
3	QPSK	8	0	18.21	18.40	18.47		
3	QPSK	8	4	18.42	18.43	18.48	20	0
3	QPSK	8	7	18.20	18.30	18.25		
3	QPSK	15	0	18.33	18.46	18.30		
3	16QAM	1	0	18.39	18.30	18.42		
3	16QAM	1	8	18.43	18.40	18.19	20	0
3	16QAM	1	14	18.39	18.42	18.18		
3	16QAM	8	0	18.35	18.24	18.31		
3	16QAM	8	4	18.19	18.46	18.29	20	0
3	16QAM	8	7	18.38	18.39	18.24		
3	16QAM	15	0	18.37	18.47	18.37		
3	64QAM	1	0	18.36	18.28	18.36		
3	64QAM	1	8	18.32	18.40	18.52	20	0
3	64QAM	1	14	18.45	18.42	18.47		
3	64QAM	8	0	18.28	18.41	18.43		
3	64QAM	8	4	18.40	18.49	18.49	20	0
3	64QAM	8	7	18.33	18.40	18.30		
3	64QAM	15	0	18.36	18.44	18.25		
3	256QAM	1	0	17.40	17.48	17.40		
3	256QAM	1	8	17.42	17.51	17.51	19	1
3	256QAM	1	14	17.40	17.46	17.36		
3	256QAM	8	0	17.41	17.47	17.45		
3	256QAM	8	4	17.42	17.47	17.40	19	1
3	256QAM	8	7	17.43	17.47	17.38		
3	256QAM	15	0	17.48	17.57	17.46		
	Channel			19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.26	18.39	18.19		
1.4	QPSK	1	3	18.37	18.44	18.33		
1.4	QPSK	1	5	18.45	18.25	18.34	20	0
1.4	QPSK	3	0	18.17	18.39	18.48		
1.4	QPSK	3	1	18.30	18.38	18.44		
1.4	QPSK	3	3	18.22	18.40	18.34		
1.4	QPSK	6	0	18.27	18.33	18.28	20	0
1.4	16QAM	1	0	18.37	18.23	18.31		
1.4	16QAM	1	3	18.37	18.43	18.22		
1.4	16QAM	1	5	18.43	18.32	18.16	20	0
1.4	16QAM	3	0	18.47	18.32	18.43		
1.4	16QAM	3	1	18.21	18.44	18.30		
1.4	16QAM	3	3	18.40	18.47	18.22		
1.4	16QAM	6	0	18.35	18.47	18.36	20	0
1.4	64QAM	1	0	18.29	18.28	18.37		
1.4	64QAM	1	3	18.36	18.51	18.43		
1.4	64QAM	1	5	18.44	18.40	18.44	20	0
1.4	64QAM	3	0	18.29	18.35	18.29		
1.4	64QAM	3	1	18.28	18.42	18.43		
1.4	64QAM	3	3	18.48	18.47	18.29		
1.4	64QAM	6	0	18.43	18.44	18.21	20	0
1.4	256QAM	1	0	17.41	17.57	17.40		
1.4	256QAM	1	3	17.43	17.53	17.46		
1.4	256QAM	1	5	17.39	17.44	17.38	19	1
1.4	256QAM	3	0	17.38	17.49	17.44		
1.4	256QAM	3	1	17.39	17.49	17.36		
1.4	256QAM	3	3	17.46	17.52	17.37		
1.4	256QAM	6	0	17.42	17.50	17.44	19	1

Band 7 Ant1 Main PA DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20850	21100	21350		
	Frequency (MHz)			2510	2535	2560		
20	QPSK	1	0	19.79	19.83	19.72		
20	QPSK	1	49	19.64	19.72	19.60	21	0
20	QPSK	1	99	19.65	19.78	19.72		
20	QPSK	50	0	19.69	19.79	19.73		
20	QPSK	50	24	19.76	19.70	19.68	21	0
20	QPSK	50	50	19.71	19.76	19.62		
20	QPSK	100	0	19.71	19.73	19.68		
20	16QAM	1	0	19.65	19.73	19.57		
20	16QAM	1	49	19.77	19.82	19.66	21	0
20	16QAM	1	99	19.76	19.81	19.70		
20	16QAM	50	0	19.76	19.69	19.64		
20	16QAM	50	24	19.68	19.80	19.65	21	0
20	16QAM	50	50	19.76	19.67	19.72		
20	16QAM	100	0	19.75	19.70	19.72		
20	64QAM	1	0	19.68	19.75	19.56		
20	64QAM	1	49	19.75	19.70	19.61	21	0
20	64QAM	1	99	19.65	19.79	19.56		
20	64QAM	50	0	19.77	19.73	19.58		
20	64QAM	50	24	19.67	19.81	19.66	21	0
20	64QAM	50	50	19.72	19.72	19.57		
20	64QAM	100	0	19.66	19.77	19.63		
20	256QAM	1	0	18.28	18.36	18.28		
20	256QAM	1	49	18.13	18.21	18.14	19.5	1.5
20	256QAM	1	99	18.24	18.28	18.19		
20	256QAM	50	0	18.21	18.23	18.20		
20	256QAM	50	24	18.21	18.24	18.23	19.5	1.5
20	256QAM	50	50	18.22	18.25	18.22		
20	256QAM	100	0	18.23	18.26	18.17		
	Channel			20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2507.5	2535	2562.5		
15	QPSK	1	0	19.77	19.51	19.70		
15	QPSK	1	37	19.57	19.63	19.57	21	0
15	QPSK	1	74	19.55	19.73	19.65		
15	QPSK	36	0	19.70	19.76	19.59		
15	QPSK	36	20	19.51	19.65	19.59	21	0
15	QPSK	36	39	19.55	19.61	19.57		
15	QPSK	75	0	19.54	19.75	19.61		
15	16QAM	1	0	19.63	19.72	19.54		
15	16QAM	1	37	19.65	19.76	19.50	21	0
15	16QAM	1	74	19.74	19.77	19.55		
15	16QAM	36	0	19.72	19.64	19.53		
15	16QAM	36	20	19.65	19.76	19.55	21	0
15	16QAM	36	39	19.71	19.61	19.65		
15	16QAM	75	0	19.60	19.68	19.59		
15	64QAM	1	0	19.65	19.60	19.44		
15	64QAM	1	37	19.62	19.58	19.50	21	0
15	64QAM	1	74	19.56	19.75	19.46		
15	64QAM	36	0	19.71	19.65	19.42		
15	64QAM	36	20	19.54	19.69	19.49	21	0
15	64QAM	36	39	19.57	19.56	19.52		
15	64QAM	75	0	19.48	19.59	19.48		
15	256QAM	1	0	18.27	18.29	18.20		
15	256QAM	1	37	18.11	18.12	18.11	19.5	1.5
15	256QAM	1	74	18.14	18.21	18.16		
15	256QAM	36	0	18.16	18.18	18.16		
15	256QAM	36	20	18.10	18.16	18.16	19.5	1.5
15	256QAM	36	39	18.18	18.16	18.16		
15	256QAM	75	0	18.17	18.22	18.12		
	Channel			20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2505	2535	2565		
10	QPSK	1	0	19.75	19.65	19.63		
10	QPSK	1	25	19.51	19.55	19.58	21	0
10	QPSK	1	49	19.56	19.64	19.56		
10	QPSK	25	0	19.72	19.60	19.64		
10	QPSK	25	12	19.53	19.63	19.71	21	0
10	QPSK	25	25	19.68	19.60	19.59		
10	QPSK	50	0	19.67	19.74	19.60		
10	16QAM	1	0	19.51	19.58	19.50		
10	16QAM	1	25	19.63	19.70	19.54	21	0
10	16QAM	1	49	19.59	19.66	19.52		
10	16QAM	25	0	19.74	19.63	19.60		
10	16QAM	25	12	19.52	19.64	19.58	21	0
10	16QAM	25	25	19.68	19.51	19.63		
10	16QAM	50	0	19.65	19.67	19.61		
10	64QAM	1	0	19.51	19.67	19.50		
10	64QAM	1	25	19.68	19.54	19.57	21	0
10	64QAM	1	49	19.52	19.76	19.54		
10	64QAM	25	0	19.70	19.68	19.47		
10	64QAM	25	12	19.53	19.74	19.51	21	0
10	64QAM	25	25	19.68	19.58	19.46		
10	64QAM	50	0	19.62	19.69	19.56		
10	256QAM	1	0	18.25	18.26	18.20		
10	256QAM	1	25	18.06	18.18	18.03	19.5	1.5
10	256QAM	1	49	18.19	18.22	18.12		
10	256QAM	25	0	18.15	18.22	18.19		
10	256QAM	25	12	18.13	18.16	18.20	19.5	1.5
10	256QAM	25	25	18.17	18.15	18.19		
10	256QAM	50	0	18.14	18.17	18.12		
	Channel			20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2502.5	2535	2567.5		
5	QPSK	1	0	19.66	19.55	19.56		
5	QPSK	1	12	19.50	19.54	19.46	21	0
5	QPSK	1	24	19.60	19.74	19.56		
5	QPSK	12	0	19.68	19.73	19.66		
5	QPSK	12	7	19.55	19.56	19.69	21	0
5	QPSK	12	13	19.68	19.58	19.45		
5	QPSK	25	0	19.58	19.64	19.58		
5	16QAM	1	0	19.53	19.66	19.53		
5	16QAM	1	12	19.73	19.80	19.62	21	0
5	16QAM	1	24	19.66	19.69	19.59		
5	16QAM	12	0	19.60	19.58	19.51		
5	16QAM	12	7	19.61	19.78	19.51	21	0
5	16QAM	12	13	19.59	19.64	19.59		
5	16QAM	25	0	19.56	19.57	19.65		
5	64QAM	1	0	19.56	19.65	19.42		
5	64QAM	1	12	19.58	19.53	19.57	21	0
5	64QAM	1	24	19.52	19.64	19.41		
5	64QAM	12	0	19.70	19.58	19.48		
5	64QAM	12	7	19.52	19.77	19.60	21	0
5	64QAM	12	13	19.66	19.53	19.48		
5	64QAM	25	0	19.55	19.62	19.60		
5	256QAM	1	0	18.26	18.35	18.18		
5	256QAM	1	12	18.07	18.17	18.05	19.5	1.5
5	256QAM	1	24	18.15	18.17	18.08		
5	256QAM	12	0	18.18	18.20	18.17		
5	256QAM	12	7	18.18	18.15	18.14	19.5	1.5
5	256QAM	12	13	18.12	18.24	18.20		
5	256QAM	25	0	18.16	18.23	18.08		

Band 66 Ant1 Other PA DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			132072	132322	132572		
	Frequency (MHz)			1720	1745	1770		
20	QPSK	1	0	18.87	18.97	18.76		
20	QPSK	1	49	18.84	18.87	18.86	19.2	0
20	QPSK	1	99	18.94	18.86	18.89		
20	QPSK	50	0	18.79	18.91	18.73		
20	QPSK	50	24	18.80	18.85	18.73	19.2	0
20	QPSK	50	50	18.86	18.86	18.83		
20	QPSK	100	0	18.83	18.87	18.72		
20	16QAM	1	0	18.94	18.86	18.89		
20	16QAM	1	49	18.92	18.88	18.74	19.2	0
20	16QAM	1	99	18.95	18.83	18.75		
20	16QAM	50	0	18.87	18.93	18.73		
20	16QAM	50	24	18.87	18.90	18.88	19.2	0
20	16QAM	50	50	18.79	18.83	18.77		
20	16QAM	100	0	18.85	18.84	18.88		
20	64QAM	1	0	18.93	18.84	18.88		
20	64QAM	1	49	18.90	18.82	18.83	19.2	0
20	64QAM	1	99	18.87	18.92	18.86		
20	64QAM	50	0	18.85	18.89	18.78		
20	64QAM	50	24	18.86	18.91	18.75	19.2	0
20	64QAM	50	50	18.93	18.93	18.88		
20	64QAM	100	0	18.91	18.94	18.89		
20	256QAM	1	0	18.92	18.93	18.77		
20	256QAM	1	49	18.88	18.87	18.72	19.2	0
20	256QAM	1	99	18.81	18.88	18.88		
20	256QAM	50	0	18.87	18.93	18.77		
20	256QAM	50	24	18.85	18.85	18.78	19.2	0
20	256QAM	50	50	18.94	18.85	18.84		
20	256QAM	100	0	18.87	18.94	18.87		
	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	18.75	18.87	18.75		
15	QPSK	1	37	18.79	18.71	18.81	19.2	0
15	QPSK	1	74	18.81	18.83	18.75		
15	QPSK	36	0	18.69	18.69	18.56		
15	QPSK	36	20	18.71	18.71	18.69	19.2	0
15	QPSK	36	39	18.81	18.75	18.64		
15	QPSK	75	0	18.66	18.83	18.59		
15	16QAM	1	0	18.90	18.69	18.84		
15	16QAM	1	37	18.86	18.78	18.57	19.2	0
15	16QAM	1	74	18.92	18.87	18.73		
15	16QAM	36	0	18.87	18.77	18.67		
15	16QAM	36	20	18.81	18.83	18.85	19.2	0
15	16QAM	36	39	18.74	18.68	18.63		
15	16QAM	75	0	18.68	18.73	18.85		
15	64QAM	1	0	18.88	18.70	18.72		
15	64QAM	1	37	18.83	18.72	18.68	19.2	0
15	64QAM	1	74	18.84	18.83	18.76		
15	64QAM	36	0	18.76	18.80	18.65		
15	64QAM	36	20	18.80	18.82	18.64	19.2	0
15	64QAM	36	39	18.83	18.77	18.83		
15	64QAM	75	0	18.83	18.75	18.82		
15	256QAM	1	0	18.74	18.75	18.61		
15	256QAM	1	37	18.77	18.89	18.64	19.2	0
15	256QAM	1	74	18.75	18.69	18.81		
15	256QAM	36	0	18.83	18.83	18.64		
15	256QAM	36	20	18.70	18.74	18.70	19.2	0
15	256QAM	36	39	18.92	18.81	18.68		
15	256QAM	75	0	18.81	18.91	18.78		
	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1745	1775		
10	QPSK	1	0	18.81	18.89	18.63		
10	QPSK	1	25	18.75	18.78	18.69	19.2	0
10	QPSK	1	49	18.83	18.77	18.74		
10	QPSK	25	0	18.61	18.74	18.71		
10	QPSK	25	12	18.78	18.85	18.71	19.2	0
10	QPSK	25	25	18.71	18.79	18.81		
10	QPSK	50	0	18.71	18.69	18.69		
10	16QAM	1	0	18.92	18.80	18.81		
10	16QAM	1	25	18.73	18.82	18.64	19.2	0
10	16QAM	1	49	18.77	18.77	18.73		
10	16QAM	25	0	18.96	18.74	18.68		
10	16QAM	25	12	18.72	18.77	18.86	19.2	0
10	16QAM	25	25	18.62	18.72	18.70		
10	16QAM	50	0

Band 38 Ant1 Main PA DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	20.98	21.27	20.97		
20	QPSK	1	49	21.11	21.20	21.01	22	0
20	QPSK	1	99	20.98	21.12	20.93		
20	QPSK	50	0	21.08	21.20	20.93		
20	QPSK	50	24	21.11	21.19	20.93	22	0
20	QPSK	50	50	21.01	21.15	21.01		
20	QPSK	100	0	21.12	21.21	20.97		
20	16QAM	1	0	21.01	21.19	20.98		
20	16QAM	1	49	21.13	21.15	21.03	22	0
20	16QAM	1	99	21.00	21.12	21.10		
20	16QAM	50	0	21.06	21.08	21.05		
20	16QAM	50	24	21.02	21.11	21.03	22	0
20	16QAM	50	50	21.03	21.06	21.02		
20	16QAM	100	0	21.05	21.13	21.08		
20	64QAM	1	0	21.04	21.14	21.12		
20	64QAM	1	49	21.00	21.06	20.97	22	0
20	64QAM	1	99	20.93	21.04	20.97		
20	64QAM	50	0	20.08	20.19	20.12		
20	64QAM	50	24	20.03	20.12	20.06	21	1
20	64QAM	50	50	20.11	20.17	20.09		
20	64QAM	100	0	20.10	20.16	20.10		
20	256QAM	1	0	18.28	18.31	18.26		
20	256QAM	1	49	18.15	18.23	18.19	19	3
20	256QAM	1	99	18.23	18.26	18.17		
20	256QAM	50	0	18.19	18.29	18.26		
20	256QAM	50	24	18.15	18.24	18.14	19	3
20	256QAM	50	50	18.14	18.21	18.15		
20	256QAM	100	0	18.14	18.21	18.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.84	21.12	20.87		
15	QPSK	1	37	21.01	21.12	20.97	22	0
15	QPSK	1	74	20.96	20.99	20.76		
15	QPSK	36	0	20.95	21.04	20.76		
15	QPSK	36	20	20.94	21.06	20.80	22	0
15	QPSK	36	39	20.90	21.09	20.91		
15	QPSK	75	0	21.05	21.11	20.92		
15	16QAM	1	0	20.88	21.14	20.68		
15	16QAM	1	37	21.04	21.10	20.97	22	0
15	16QAM	1	74	20.85	21.09	20.94		
15	16QAM	36	0	20.95	20.99	21.00		
15	16QAM	36	20	20.99	21.07	20.94	22	0
15	16QAM	36	39	20.98	21.04	21.01		
15	16QAM	75	0	21.02	21.02	20.99		
15	64QAM	1	0	20.94	21.09	21.10		
15	64QAM	1	37	20.91	21.00	20.88	22	0
15	64QAM	1	74	20.87	20.96	20.91		
15	64QAM	36	0	20.01	20.14	20.03		
15	64QAM	36	20	19.95	20.02	19.97	21	1
15	64QAM	36	39	20.05	20.13	20.01		
15	64QAM	75	0	20.01	20.13	20.03		
15	256QAM	1	0	18.23	18.24	18.22		
15	256QAM	1	37	18.11	18.20	18.13	19	3
15	256QAM	1	74	18.17	18.17	18.12		
15	256QAM	36	0	18.14	18.27	18.19		
15	256QAM	36	20	18.11	18.18	18.08	19	3
15	256QAM	36	39	18.09	18.10	18.05		
15	256QAM	75	0	18.03	18.10	18.17		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.90	21.15	20.88		
10	QPSK	1	25	21.01	21.15	20.95	22	0
10	QPSK	1	49	20.97	20.99	20.78		
10	QPSK	25	0	21.04	21.09	20.84		
10	QPSK	25	12	21.06	21.13	20.77	22	0
10	QPSK	25	25	20.92	21.04	20.96		
10	QPSK	50	0	21.06	21.15	20.80		
10	16QAM	1	0	20.99	21.17	20.90		
10	16QAM	1	25	21.09	21.14	20.97	22	0
10	16QAM	1	49	20.82	20.98	21.03		
10	16QAM	25	0	20.97	21.00	21.02		
10	16QAM	25	12	20.93	21.03	20.98	22	0
10	16QAM	25	25	20.97	21.04	20.93		
10	16QAM	50	0	21.03	21.11	21.04		
10	64QAM	1	0	20.99	21.11	21.09		
10	64QAM	1	25	20.92	21.01	20.89	22	0
10	64QAM	1	49	20.85	20.99	20.86		
10	64QAM	25	0	20.05	20.18	20.09		
10	64QAM	25	12	19.95	20.02	20.02	21	1
10	64QAM	25	25	20.04	20.09	20.04		
10	64QAM	50	0	20.03	20.09	20.01		
10	256QAM	1	0	18.25	18.21	18.15		
10	256QAM	1	25	18.05	18.20	18.13	19	3
10	256QAM	1	49	18.15	18.22	18.09		
10	256QAM	25	0	18.08	18.22	18.23		
10	256QAM	25	12	18.13	18.15	18.06	19	3
10	256QAM	25	25	18.05	18.11	18.06		
10	256QAM	50	0	18.09	18.19	18.18		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.84	21.16	20.84		
5	QPSK	1	12	20.98	21.13	20.94	22	0
5	QPSK	1	24	20.81	21.01	20.76		
5	QPSK	12	0	21.06	21.17	20.87		
5	QPSK	12	7	21.06	21.14	20.90	22	0
5	QPSK	12	13	20.88	20.97	20.99		
5	QPSK	25	0	21.06	21.18	20.78		
5	16QAM	1	0	20.87	21.08	20.93		
5	16QAM	1	12	20.98	21.08	21.00	22	0
5	16QAM	1	24	20.88	21.06	20.93		
5	16QAM	12	0	21.01	21.02	21.02		
5	16QAM	12	7	20.93	21.07	20.94	22	0
5	16QAM	12	13	21.01	21.02	21.00		
5	16QAM	25	0	20.97	21.09	21.01		
5	64QAM	1	0	21.01	21.07	21.11		
5	64QAM	1	12	20.93	20.97	20.87	22	0
5	64QAM	1	24	20.91	21.02	20.91		
5	64QAM	12	0	20.06	20.11	20.03		
5	64QAM	12	7	19.93	20.02	20.05	21	1
5	64QAM	12	13	20.02	20.07	20.04		
5	64QAM	25	0	20.03	20.10	20.03		
5	256QAM	1	0	18.26	18.22	18.24		
5	256QAM	1	12	18.09	18.17	18.10	19	3
5	256QAM	1	24	18.18	18.23	18.14		
5	256QAM	12	0	18.11	18.27	18.25		
5	256QAM	12	7	18.10	18.16	18.10	19	3
5	256QAM	12	13	18.09	18.17	18.07		
5	256QAM	25	0	18.10	18.18	18.13		

Band 41 Ant1 Main PA DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.11	21.14	21.24	21.05	21.02		
20	QPSK	1	49	21.09	21.06	21.13	21.08	20.92	22	0
20	QPSK	1	99	21.07	20.98	21.05	20.98	21.05		
20	QPSK	50	0	21.10	21.07	21.20	21.06	20.99		
20	QPSK	50	24	21.00	21.11	21.07	20.99	21.05	22	0
20	QPSK	50	50	21.13	21.13	21.18	21.12	20.93		
20	QPSK	100	0	21.13	20.99	21.16	21.11	20.97		
20	16QAM	1	0	21.11	21.05	21.21	21.14	21.03		
20	16QAM	1	49	21.10	21.00	21.21	20.98	20.98	22	0
20	16QAM	1	99	21.03	20.99	21.22	21.12	20.99		
20	16QAM	50	0	20.87	20.85	20.89	20.85	20.81		
20	16QAM	50	24	20.93	20.86	20.94	20.87	20.91	22	0
20	16QAM	50	50	20.89	20.93	20.94	20.91	20.90		
20	16QAM	100	0	20.85	20.86	20.91	20.85	20.82		
20	64QAM	1	0	20.93	20.89	20.99	20.91	20.89		
20	64QAM	1	49	20.87	20.82	20.91	20.80	20.87	22	0
20	64QAM	1	99	20.88	20.90	20.94	20.83	20.83		
20	64QAM	50	0	19.96	19.92	20.03	19.93	19.97		
20	64QAM	50	24	19.88	19.90	19.99	19.93	19.95	21	1
20	64QAM	50	50	19.95	19.93	19.99	19.97	19.94		
20	64QAM	100	0	19.91	19.98	19.99	19.93	19.93		
20	256QAM	1	0	18.23	18.18	18.25	18.22	18.18		
20	256QAM	1	49	18.22	18.17	18.24	18.22	18.19	19	3
20	256QAM	1	99	18.16	18.16	18.19	18.08	18.17		
20	256QAM	50	0	18.06	18.09	18.16	18.09	18.08		
20	256QAM	50	24	18.17	18.09	18.20	18.17	18.10	19	3
20	256QAM	50	50	18.19	18.16	18.23	18.15	18.20		
20	256QAM	100	0	18.22	18.19	18.24	18.15	18.20		
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	20.93	20.98	21.10	20.94	20.85		
15	QPSK	1	37	20.99	20.98	21.07	21.01	20.76	22	0
15	QPSK	1	74	20.92	20.86	21.01	20.81	20.97		
15	QPSK	36	0	20.92	20.96	21.02	20.86	20.89		
15	QPSK	36	20	20.97	21.05	21.14	21.03	20.88	22	0
15	QPSK	36	39	20.95	21.09	21.14	20.98	20.90		
15	QPSK	75	0	21.07	20.90	21.14	21.02	20.91		
15	16QAM	1	0	20.97	20.90	21.10	21.00	20.93		
15	16QAM	1	37	20.96	20.93	21.12	20.88	20.82	22	0
15	16QAM	1	74	20.92	20.81	21.19	21.11	20.94		
15	16QAM	36	0	20.77	20.77	20.78	20.62	20.70		
15	16QAM	36	20	20.84	20.80	20.92	20.81	20.88	22	0
15	16QAM	36	39	20.85	20.87	20.92	20.81	20.83		
15	16QAM	75	0	20.80	20.80	20.83	20.78	20.72		
15	64QAM	1	0	20.88	20.84	20.93	20.84	20.84		
15	64QAM	1	37	20.80	20.73	20.80	20.73	20.77	22	0
15	64QAM	1	74	20.81	20.89	20.90	20.76	20.78		
15	64QAM	36	0	19.86	19.86	20.00	19.83	19.91		
15	64QAM	36	20	19.78	19.88	19.91	19.90	19.87	21	1
15	64QAM	36	39	19.92	19.85	19.90	19.92	19.87		
15	64QAM	75	0	19.83	19.94	19.96	19.89	19.88		
15	256QAM	1	0	18.17	18.14	18.17	18.14	18.14		
15	256QAM	1	37	18.14	18.11	18.23	18.16	18.14	19	3
15	256QAM	1	74	18.10	18.09	18.13	18.04	18.13		
15	256QAM	36	0	17.95	17.99	18.12	18.01	18.04		
15	256QAM	36	20	18.15	18.03	18.16	18.09	18.03	19	3
15	256QAM	36	39	18.15	18.12	18.13	18.08	18.18		
15	256QAM	75	0	18.17	18.08	18.19	18.11	18.17		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.98	20.98	21.07	20.90	20.94		
10	QPSK	1	25	21.08	21.02	20.98	20.99	20.74	22	0
10	QPSK	1	49	21.04	20.81	20.88	20.97	20.93		
10	QPSK	25	0	20.82	21.07	20.98	20.89	20.96		
10	QPSK	25	12	20.94	21.03	21.12	20.89	20.88	22	0
10	QPSK	25	25	21.07	20.96	21.09	21.01	20.75		
10	QPSK	50	0	20.95	20.85	21.09	21.02	20.79		
10	16QAM	1	0	21.09	20.91	21.10	21.07	20.91		
10	16QAM	1	25	20.97	20.88	21.10	20.89	20.87	22	0
10	16QAM	1	49	20.85	20.92	21.09	21.11	20.94		
10	16QAM	25	0	20.81	20.78	20.85	20.82	20.78		
10	16QAM	25	12	20.88	20.81	20.84	20.78	20.88	22	0
10	16QAM	25	25	20.82	20.90	20.92	20.82	20.88		
10	16QAM	50	0	20.74	20.82	20.89	20.80	20.75		
10	64QAM	1	0	20.88	20.87	20.91	20.82	20.84		
10	64QAM	1	25	20.80	20.74	20.87	20.69	20.84	22	0
10	64QAM	1	49	20.78	20.86	20.88	20.77	20.72		
10	64QAM	25	0	19.89	19.84	19.97	19.86	19.89		
10	64QAM	25	12	19.77	19.81	19.93	19.92	19.93	21	1
10	64QAM	25	25	19.85	19.83	19.94	19.94	19.88		
10	64QAM	50	0	19.88	19.93	19.93	19.87	19.87		
10	256QAM	1	0	18.18	18.10	18.17	18.11	18.14		
10	256QAM	1	25	18.17	18.08	18.18	18.17	18.10	19	3
10	256QAM	1	49	18.13	18.14	18.15	18.01	18.15		
10	256QAM	25	0	18.04	18.00	18.10	18.04	18.01		
10	256QAM	25	12	18.10	18.06	18.13	18.06	18.06	19	3
10	256QAM	25	25	18.18	18.07	18.15	18.11	18.10		
10	256QAM	50	0	18.16	18.12	18.18	18.04	18.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.99	21.01	20.98	21.01	20.97		
5	QPSK	1	12	20.95	20.99	20.97	20.90	20.80	22	0
5	QPSK	1	24	20.90	20.80	21.03	20.85	20.95		
5	QPSK	12	0	20.98	21.07	21.04	20.84	20.97		
5	QPSK	12	7	20.94	20.94	21.11	20.87	20.82	22	0
5	QPSK	12	13	21.09	21.09	21.12	21.06	20.89		
5	QPSK	25	0	21.06	20.89	21.03	21.13	20.86		
5	16QAM	1	0	21.02	20.89	21.14	20.96	20.93		
5	16QAM	1	12	21.07	20.82	21.18	20.92	20.90	22	0
5	16QAM	1	24	20.86	20.96	21.20	20.94	20.93		
5	16QAM	12	0	20.81	20.84	20.79	20.74	20.71		
5	16QAM	12	7	20.91	20.80	20.86	20.86	20.82	22	0
5	16QAM	12	13	20.87	20.86	20.86	20.81	20.82		
5	16QAM	25	0	20.80	20.77	20.85	20.77	20.75		
5	64QAM	1	0	20.86	20.87	20.96	20.83	20.83		
5	64QAM	1	12	20.84	20.72	20.83	20.72	20.78	22	0
5	64QAM	1	24	20.86	20.83	20.88	20.81	20.75		
5	64QAM	12	0	19.89	19.82	19.96	19.86	19.94		
5	64QAM	12	7	19.79	19.87	19.88	19.87	19.87	21	1
5	64QAM	12	13	19.87	19.91	19.88	19.87	19.83		
5	64QAM	25	0	19.84	19.92	19.93	19.85	19.90		
5	256QAM	1	0	18.15	18.12	18.17	18.12	18.16		
5	256QAM	1	12	18.13	18.15	18.18	18.15	18.16	19	3
5	256QAM	1	24	18.14	18.12	18.17	17.98	18.15		
5	256QAM	12	0	18.01	17.98	18.08	18.06	18.03		
5	256QAM	12	7	18.06	17.99	18.13	18.13	18.02	19	3
5	256QAM	12	13	18.09	18.10	18.14	18.13	18.14		
5	256QAM	25	0	18.14	18.15	18.20	18.13	18.10		

Reduced Power for NSA DSI 4

Band 4 Ant0 Main PA DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	11.75	11.98	11.88	13	0
20	QPSK	1	49	11.86	11.94	11.83		
20	QPSK	1	99	11.73	11.96	11.93		
20	QPSK	50	0	11.81	11.97	11.79	13	0
20	QPSK	50	24	11.85	11.85	11.79		
20	QPSK	50	50	11.85	11.96	11.84		
20	QPSK	100	0	11.86	11.93	11.83		
20	16QAM	1	0	11.8	11.91	11.81	13	0
20	16QAM	1	49	11.86	11.93	11.92		
20	16QAM	1	99	11.76	11.9	11.93		
20	16QAM	50	0	11.79	11.87	11.76	13	0
20	16QAM	50	24	11.79	11.89	11.87		
20	16QAM	50	50	11.86	11.93	11.93		
20	16QAM	100	0	11.84	11.98	11.88		
20	64QAM	1	0	11.76	11.94	11.77	13	0
20	64QAM	1	49	11.73	11.91	11.78		
20	64QAM	1	99	11.79	11.94	11.84		
20	64QAM	50	0	11.74	11.96	11.81	13	0
20	64QAM	50	24	11.83	11.94	11.91		
20	64QAM	50	50	11.82	11.95	11.79		
20	64QAM	100	0	11.88	11.95	11.79		
20	256QAM	1	0	11.8	11.92	11.91	13	0
20	256QAM	1	49	11.87	11.92	11.87		
20	256QAM	1	99	11.75	11.92	11.93		
20	256QAM	50	0	11.76	11.87	11.83	13	0
20	256QAM	50	24	11.89	11.87	11.92		
20	256QAM	50	50	11.8	11.91	11.89		
20	256QAM	100	0	11.76	11.95	11.84		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	11.67	11.81	11.72	13	0
15	QPSK	1	37	11.73	11.85	11.72		
15	QPSK	1	74	11.69	11.89	11.85		
15	QPSK	36	0	11.69	11.66	11.67	13	0
15	QPSK	36	20	11.72	11.85	11.64		
15	QPSK	36	39	11.84	11.88	11.66		
15	QPSK	75	0	11.72	11.91	11.7		
15	16QAM	1	0	11.66	11.85	11.77	13	0
15	16QAM	1	37	11.79	11.8	11.69		
15	16QAM	1	74	11.68	11.73	11.75		
15	16QAM	36	0	11.73	11.83	11.62	13	0
15	16QAM	36	20	11.72	11.77	11.77		
15	16QAM	36	39	11.81	11.86	11.85		
15	16QAM	75	0	11.75	11.93	11.71		
15	64QAM	1	0	11.68	11.92	11.71	13	0
15	64QAM	1	37	11.7	11.73	11.63		
15	64QAM	1	74	11.75	11.79	11.77		
15	64QAM	36	0	11.72	11.95	11.65	13	0
15	64QAM	36	20	11.72	11.81	11.78		
15	64QAM	36	39	11.73	11.76	11.66		
15	64QAM	75	0	11.76	11.77	11.76		
15	256QAM	1	0	11.65	11.74	11.79	13	0
15	256QAM	1	37	11.74	11.87	11.74		
15	256QAM	1	74	11.58	11.97	11.83		
15	256QAM	36	0	11.59	11.72	11.79	13	0
15	256QAM	36	20	11.85	11.81	11.74		
15	256QAM	36	39	11.71	11.78	11.83		
15	256QAM	75	0	11.66	11.88	11.72		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	11.63	11.83	11.85	13	0
10	QPSK	1	25	11.84	11.87	11.75		
10	QPSK	1	49	11.6	11.95	11.8		
10	QPSK	25	0	11.68	11.84	11.77	13	0
10	QPSK	25	12	11.77	11.74	11.78		
10	QPSK	25	25	11.81	11.92	11.75		
10	QPSK	50	0	11.77	11.84	11.76		
10	16QAM	1	0	11.7	11.78	11.66	13	0
10	16QAM	1	25	11.85	11.92	11.77		
10	16QAM	1	49	11.58	11.87	11.88		
10	16QAM	25	0	11.63	11.68	11.62	13	0
10	16QAM	25	12	11.76	11.82	11.73		
10	16QAM	25	25	11.74	11.79	11.78		
10	16QAM	50	0	11.79	11.84	11.72		
10	64QAM	1	0	11.69	11.75	11.69	13	0
10	64QAM	1	25	11.72	11.84	11.67		
10	64QAM	1	49	11.68	11.78	11.74		
10	64QAM	25	0	11.72	11.9	11.72	13	0
10	64QAM	25	12	11.71	11.84	11.78		
10	64QAM	25	25	11.67	11.85	11.69		
10	64QAM	50	0	11.75	11.92	11.75		
10	256QAM	1	0	11.7	11.8	11.74	13	0
10	256QAM	1	25	11.7	11.85	11.75		
10	256QAM	1	49	11.72	11.82	11.85		
10	256QAM	25	0	11.58	11.73	11.73	13	0
10	256QAM	25	12	11.79	11.73	11.83		
10	256QAM	25	25	11.74	11.81	11.81		
10	256QAM	50	0	11.59	11.81	11.8		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	11.63	11.71	11.71	13	0
5	QPSK	1	12	11.75	11.89	11.76		
5	QPSK	1	24	11.67	11.86	11.82		
5	QPSK	12	0	11.66	11.72	11.63	13	0
5	QPSK	12	7	11.62	11.76	11.74		
5	QPSK	12	13	11.78	11.85	11.8		
5	QPSK	25	0	11.77	11.84	11.71		
5	16QAM	1	0	11.76	11.79	11.72	13	0
5	16QAM	1	12	11.84	11.82	11.78		
5	16QAM	1	24	11.7	11.78	11.91		
5	16QAM	12	0	11.76	11.71	11.73	13	0
5	16QAM	12	7	11.74	11.8	11.76		
5	16QAM	12	13	11.8	11.9	11.83		
5	16QAM	25	0	11.82	11.86	11.82		
5	64QAM	1	0	11.73	11.91	11.68	13	0
5	64QAM	1	12	11.63	11.81	11.76		
5	64QAM	1	24	11.73	11.82	11.8		
5	64QAM	12	0	11.64	11.79	11.62	13	0
5	64QAM	12	7	11.66	11.81	11.85		
5	64QAM	12	13	11.81	11.84	11.71		
5	64QAM	25	0	11.76	11.79	11.78		
5	256QAM	1	0	11.69	11.86	11.85	13	0
5	256QAM	1	12	11.76	11.83	11.85		
5	256QAM	1	24	11.58	11.86	11.81		
5	256QAM	12	0	11.68	11.75	11.71	13	0
5	256QAM	12	7	11.81	11.68	11.79		
5	256QAM	12	13	11.69	11.87	11.81		
5	256QAM	25	0	11.58	11.89	11.75		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	11.7	11.67	11.81	13	0
3	QPSK	1	8	11.78	11.85	11.79		
3	QPSK	1	14	11.7	11.84	11.81		
3	QPSK	8	0	11.72	11.8	11.67	13	0
3	QPSK	8	4	11.79	11.82	11.68		
3	QPSK	8	7	11.7	11.92	11.72		
3	QPSK	15	0	11.83	11.83	11.65		
3	16QAM	1	0	11.75	11.84	11.73	13	0
3	16QAM	1	8	11.67	11.76	11.87		
3	16QAM	1	14	11.69	11.83	11.75		
3	16QAM	8	0	11.64	11.71	11.58	13	0
3	16QAM	8	4	11.69	11.72	11.7		
3	16QAM	8	7	11.82	11.91	11.75		
3	16QAM	15	0	11.82	11.87	11.81		
3	64QAM	1	0	11.71	11.9	11.61	13	0
3	64QAM	1	8	11.63	11.79	11.7		
3	64QAM	1	14	11.62	11.79	11.77		
3	64QAM	8	0	11.58	11.9	11.71	13	0
3	64QAM	8	4	11.8	11.83	11.88		
3	64QAM	8	7	11.76	11.84	11.69		
3	64QAM	15	0	11.73	11.81	11.61		
3	256QAM	1	0	11.74	11.81	11.76	13	0
3	256QAM	1	8	11.77	11.77	11.81		
3	256QAM	1	14	11.56	11.92	11.82		
3	256QAM	8	0	11.66	11.72	11.66	13	0
3	256QAM	8	4	11.78	11.79	11.83		
3	256QAM	8	7	11.78	11.88	11.78		
3	256QAM	15	0	11.66	11.88	11.8		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	11.67	11.82	11.83	13	0
1.4	QPSK	1	3	11.74	11.84	11.68		
1.4	QPSK	1	5	11.58	11.87	11.8		
1.4	QPSK	3	0	11.78	11.79	11.63		
1.4	QPSK	3	1	11.79	11.74	11.66		
1.4	QPSK	3	3	11.73	11.87	11.71		
1.4	QPSK	6	0	11.81	11.79	11.82	13	0
1.4	16QAM	1	0	11.64	11.74	11.64	13	0
1.4	16QAM	1	3	11.83	11.91	11.86		
1.4	16QAM	1	5	11.58	11.86	11.77		
1.4	16QAM	3	0	11.62	11.77	11.57		
1.4	16QAM	3	1	11.78	11.71	11.71		
1.4	16QAM	3	3	11.68	11.9	11.75		
1.4	16QAM	6	0	11.81	11.93	11.78	13	0
1.4	64QAM	1	0	11.6	11.75	11.72	13	0
1.4	64QAM	1	3	11.57	11.85	11.7		
1.4	64QAM	1	5	11.69	11.85	11.77		
1.4	64QAM	3	0	11.65	11.89	11.75		
1.4	64QAM	3	1	11.75	11.76	11.81		
1.4	64QAM	3	3	11.67	11.91	11.74	13	0
1.4	64QAM	6	0	11.82	11.85	11.68		
1.4	256QAM	1	0	11.62	11.81	11.89	13	0
1.4	256QAM	1	3	11.82	11.89	11.72		
1.4	256QAM	1	5	11.63	11.89	11.91		
1.4	256QAM	3	0	11.64	11.78	11.69		
1.4	256QAM	3	1	11.73	11.73	11.86		
1.4	256QAM	3	3	11.63	11.87	11.72		
1.4	256QAM	6	0	11.57	11.84	11.67	13	0

Band 7 Ant0 Main PA DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.23	14.34	14.08	15.5	0
20	QPSK	1	49	14.15	14.15	14.09		
20	QPSK	1	99	14.18	14.17	14.09		
20	QPSK	50	0	14.14	14.31	14.18	15.5	0
20	QPSK	50	24	14.25	14.28	14.16		
20	QPSK	50	50	14.12	14.18	14.13		
20	QPSK	100	0	14.22	14.26	14.18		
20	16QAM	1	0	14.14	14.28	14.16	15.5	0
20	16QAM	1	49	14.23	14.3	14.12		
20	16QAM	1	99	14.25	14.16	14.05		
20	16QAM	50	0	14.22	14.16	14.2	15.5	0
20	16QAM	50	24	14.19	14.22	14.13		
20	16QAM	50	50	14.21	14.13	14.05		
20	16QAM	100	0	14.16	14.2	14.05		
20	64QAM	1	0	14.15	14.17	14.13	15.5	0
20	64QAM	1	49	14.18	14.19	14.19		
20	64QAM	1	99	14.09	14.3	14.18		
20	64QAM	50	0	14.27	14.25	14.19	15.5	0
20	64QAM	50	24	14.18	14.25	14.11		
20	64QAM	50	50	14.12	14.13	14.09		
20	64QAM	100	0	14.22	14.24	14.08		
20	256QAM	1	0	14.09	14.14	14.12	15.5	0
20	256QAM	1	49	14.13	14.12	14.08		
20	256QAM	1	99	14.1	14.24	14.08		
20	256QAM	50	0	14.09	14.27	14.11	15.5	0
20	256QAM	50	24	14.17	14.17	14.18		
20	256QAM	50	50	14.15	14.21	14.21		
20	256QAM	100	0	14.26	14.21	14.11		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.13	14.09	13.92	15.5	0
15	QPSK	1	37	14.07	14.12	13.98		
15	QPSK	1	74	14.05	14	13.99		
15	QPSK	36	0	14.19	14.12	14.07	15.5	0
15	QPSK	36	20	14	13.98	14.09		
15	QPSK	36	39	14.06	14.04	14.1		
15	QPSK	75	0	14.12	14.06	14.15		
15	16QAM	1	0	13.97	14.23	14.01	15.5	0
15	16QAM	1	37	14.13	14.29	13.99		
15	16QAM	1	74	14.18	14.08	13.93		
15	16QAM	36	0	14.13	14.01	14.09	15.5	0
15	16QAM	36	20	14.15	14.1	14.12		
15	16QAM	36	39	14.18	13.95	14.02		
15	16QAM	75	0	13.97	14.1	13.99		
15	64QAM	1	0	14.04	14.01	14.08	15.5	0
15	64QAM	1	37	14.07	14.07	14.17		
15	64QAM	1	74	13.95	14.28	14.16		
15	64QAM	36	0	14.09	14.07	14.04	15.5	0
15	64QAM	36	20	14.15	14.12	14.01		
15	64QAM	36	39	13.97	13.95	13.97		
15	64QAM	75	0	14.1	14.23	13.94		
15	256QAM	1	0	14.06	14.06	14.07	15.5	0
15	256QAM	1	37	14.11	13.99	13.89		
15	256QAM	1	74	14	14.14	14.03		
15	256QAM	36	0	13.91	14.25	14.07	15.5	0
15	256QAM	36	20	14.15	14.06	14.13		
15	256QAM	36	39	14.05	14.16	14.02		
15	256QAM	75	0	14.22	14.11	14.01		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.1	14.1	14.02	15.5	0
10	QPSK	1	25	14.13	14.02	13.9		
10	QPSK	1	49	13.99	14.06	14.01		
10	QPSK	25	0	14.22	14.11	14.11	15.5	0
10	QPSK	25	12	13.97	14.06	14.01		
10	QPSK	25	25	14.02	14.12	14.08		
10	QPSK	50	0	14.12	14.12	13.99		
10	16QAM	1	0	14	14.18	14.1	15.5	0
10	16QAM	1	25	14.2	14.28	14.03		
10	16QAM	1	49	14.07	14.06	14		
10	16QAM	25	0	14.06	14.01	14.06	15.5	0
10	16QAM	25	12	14.06	14.2	13.95		
10	16QAM	25	25	14.19	14.1	14.04		
10	16QAM	50	0	14.14	14.13	13.94		
10	64QAM	1	0	14.09	14.08	14.06	15.5	0
10	64QAM	1	25	14.15	14.13	14.03		
10	64QAM	1	49	13.95	14.16	13.99		
10	64QAM	25	0	14.2	14.19	14.09	15.5	0
10	64QAM	25	12	14.16	14.23	14.05		
10	64QAM	25	25	14.03	13.95	13.99		
10	64QAM	50	0	14.07	14.18	13.9		
10	256QAM	1	0	13.96	14.03	13.99	15.5	0
10	256QAM	1	25	14.04	14.07	14.04		
10	256QAM	1	49	14.04	14.1	13.94		
10	256QAM	25	0	14.05	14.09	14.04	15.5	0
10	256QAM	25	12	14.12	14.12	14.1		
10	256QAM	25	25	13.97	14.05	14.19		
10	256QAM	50	0	14.15	14.05	14.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.11	14	14.04	15.5	0
5	QPSK	1	12	14.04	14.09	13.91		
5	QPSK	1	24	14.01	14.15	14.07		
5	QPSK	12	0	14.13	14.12	14.01	15.5	0
5	QPSK	12	7	14.07	14.05	14.05		
5	QPSK	12	13	14.08	14.13	14.07		
5	QPSK	25	0	14.08	14.03	14.15		
5	16QAM	1	0	14	14.15	14.07	15.5	0
5	16QAM	1	12	14.11	14.27	14.02		
5	16QAM	1	24	14.16	14.03	13.96		
5	16QAM	12	0	14.18	13.97	14.18	15.5	0
5	16QAM	12	7	14.15	14.15	14		
5	16QAM	12	13	14.16	13.99	13.92		
5	16QAM	25	0	14.12	14.18	13.9		
5	64QAM	1	0	14.04	14.05	13.96	15.5	0
5	64QAM	1	12	14.15	14.12	14.11		
5	64QAM	1	24	14.05	14.26	14.08		
5	64QAM	12	0	14.24	14.08	14.18	15.5	0
5	64QAM	12	7	14.02	14.1	13.96		
5	64QAM	12	13	14.03	13.94	13.97		
5	64QAM	25	0	14.11	14.08	13.98		
5	256QAM	1	0	13.93	14.07	14.07	15.5	0
5	256QAM	1	12	14.05	13.95	13.97		
5	256QAM	1	24	13.93	14.11	13.9		
5	256QAM	12	0	13.98	14.15	13.98	15.5	0
5	256QAM	12	7	14.15	14.15	14.14		
5	256QAM	12	13	14.12	14.12	14.03		
5	256QAM	25	0	14.24	14.05	14.03		

Band 66 Ant0 Other PA DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	13.15	13.35	13.25	13.7	0
20	QPSK	1	49	13.22	13.19	13.16		
20	QPSK	1	99	13.21	13.17	13.18		
20	QPSK	50	0	13.3	13.32	13.22	13.7	0
20	QPSK	50	24	13.15	13.26	13.12		
20	QPSK	50	50	13.25	13.18	13.11		
20	QPSK	100	0	13.26	13.28	13.24		
20	16QAM	1	0	13.14	13.25	13.22	13.7	0
20	16QAM	1	49	13.15	13.13	13.1		
20	16QAM	1	99	13.17	13.27	13.17		
20	16QAM	50	0	13.2	13.22	13.24	13.7	0
20	16QAM	50	24	13.17	13.26	13.13		
20	16QAM	50	50	13.28	13.2	13.22		
20	16QAM	100	0	13.3	13.2	13.1		
20	64QAM	1	0	13.13	13.24	13.17	13.7	0
20	64QAM	1	49	13.15	13.21	13.16		
20	64QAM	1	99	13.29	13.13	13.15		
20	64QAM	50	0	13.24	13.23	13.16	13.7	0
20	64QAM	50	24	13.24	13.24	13.24		
20	64QAM	50	50	13.26	13.21	13.2		
20	64QAM	100	0	13.23	13.26	13.22		
20	256QAM	1	0	13.23	13.3	13.22	13.7	0
20	256QAM	1	49	13.14	13.24	13.07		
20	256QAM	1	99	13.18	13.3	13.1		
20	256QAM	50	0	13.2	13.29	13.15	13.7	0
20	256QAM	50	24	13.25	13.29	13.22		
20	256QAM	50	50	13.16	13.3	13.16		
20	256QAM	100	0	13.21	13.17	13.15		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	13	13.1	13.08	13.7	0
15	QPSK	1	37	13.16	13.02	13		
15	QPSK	1	74	13.17	13.14	13.12		
15	QPSK	36	0	13.13	13.07	13.09	13.7	0
15	QPSK	36	20	13.21	13.13	13.09		
15	QPSK	36	39	13.15	13.01	13.05		
15	QPSK	75	0	13.13	13.04	13.1		
15	16QAM	1	0	13.04	13.22	13.08	13.7	0
15	16QAM	1	37	13.03	12.97	13.02		
15	16QAM	1	74	12.99	13.17	13.02		
15	16QAM	36	0	13.05	13.16	13.22	13.7	0
15	16QAM	36	20	13.1	13.18	12.95		
15	16QAM	36	39	13.1	13.16	13.05		
15	16QAM	75	0	13.27	13.15	12.98		
15	64QAM	1	0	13.09	13.12	13.04	13.7	0
15	64QAM	1	37	13.12	13.15	13.1		
15	64QAM	1	74	13.15	12.99	13.01		
15	64QAM	36	0	13.15	13.07	13.1	13.7	0
15	64QAM	36	20	13.07	13.18	13.1		
15	64QAM	36	39	13.17	13.07	13.18		
15	64QAM	75	0	13.17	13.18	13.12		
15	256QAM	1	0	13.1	13.22	13.17	13.7	0
15	256QAM	1	37	13.11	13.21	12.99		
15	256QAM	1	74	13.15	13.17	12.94		
15	256QAM	36	0	13.05	13.28	13.04	13.7	0
15	256QAM	36	20	13.17	13.16	13.11		
15	256QAM	36	39	13.03	12.99	13.09		
15	256QAM	75	0	13.07	13.08	13.01		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	13.04	13.11	13.16	13.7	0
10	QPSK	1	25	13.11	13.15	13.01		
10	QPSK	1	49	13.13	13.11	13.03		
10	QPSK	25	0	13.07	13.12	13.07	13.7	0
10	QPSK	25	12	13.21	13.18	13.13		
10	QPSK	25	25	13.1	13.08	13.09		
10	QPSK	50	0	13.23	13.1	13.05		
10	16QAM	1	0	13.09	13.1	13.06	13.7	0
10	16QAM	1	25	13.08	13	13.04		
10	16QAM	1	49	13.14	13.16	13.01		
10	16QAM	25	0	13.11	13.13	13.06	13.7	0
10	16QAM	25	12	13.02	13.08	12.99		
10	16QAM	25	25	13.27	13.13	13.

Band 38 Ant0 Main PA DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	17.16	17.39	17.09	18	0
20	QPSK	1	49	17.13	17.36	17.16		
20	QPSK	1	99	17.13	17.34	17.13		
20	QPSK	50	0	17.24	17.35	17.06		
20	QPSK	50	24	17.23	17.30	17.10		
20	QPSK	50	50	17.16	17.32	17.23		
20	QPSK	100	0	17.20	17.22	17.08		
20	16QAM	1	0	17.18	17.24	17.10		
20	16QAM	1	49	17.16	17.34	17.22		
20	16QAM	1	99	17.22	17.35	17.19		
20	16QAM	50	0	17.14	17.31	17.11		
20	16QAM	50	24	17.13	17.28	17.23		
20	16QAM	50	50	17.14	17.24	17.11		
20	16QAM	100	0	17.14	17.31	17.21		
20	64QAM	1	0	17.15	17.36	17.10		
20	64QAM	1	49	17.15	17.37	17.16		
20	64QAM	1	99	17.25	17.27	17.19		
20	64QAM	50	0	17.19	17.36	17.13		
20	64QAM	50	24	17.26	17.25	17.23		
20	64QAM	50	50	17.27	17.32	17.06		
20	64QAM	100	0	17.30	17.21	17.10		
20	256QAM	1	0	17.29	17.31	17.10		
20	256QAM	1	49	17.29	17.20	17.07		
20	256QAM	1	99	17.25	17.25	17.16		
20	256QAM	50	0	17.13	17.26	17.17		
20	256QAM	50	24	17.29	17.34	17.07		
20	256QAM	50	50	17.17	17.37	17.16		
20	256QAM	100	0	17.23	17.33	17.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.15	17.18	17.02	18	0
15	QPSK	1	37	17.08	17.30	16.99		
15	QPSK	1	74	16.97	17.20	17.08		
15	QPSK	36	0	17.10	17.19	16.99		
15	QPSK	36	20	17.23	17.25	16.87		
15	QPSK	36	39	17.04	17.14	17.15		
15	QPSK	75	0	17.19	17.05	17.07		
15	16QAM	1	0	17.02	17.16	16.94		
15	16QAM	1	37	16.98	17.27	17.18		
15	16QAM	1	74	17.21	17.18	17.10		
15	16QAM	36	0	17.02	17.25	17.04		
15	16QAM	36	20	17.06	17.13	17.19		
15	16QAM	36	39	17.09	17.21	17.03		
15	16QAM	75	0	16.99	17.26	17.05		
15	64QAM	1	0	17.13	17.18	17.01		
15	64QAM	1	37	17.03	17.34	17.06		
15	64QAM	1	74	17.17	17.24	17.08		
15	64QAM	36	0	17.09	17.20	17.07		
15	64QAM	36	20	17.07	17.08	17.11		
15	64QAM	36	39	17.12	17.15	16.95		
15	64QAM	75	0	17.24	17.16	16.96		
15	256QAM	1	0	17.26	17.15	16.97		
15	256QAM	1	37	17.12	17.11	17.02		
15	256QAM	1	74	17.23	17.06	17.13		
15	256QAM	36	0	17.11	17.11	17.02		
15	256QAM	36	20	17.11	17.21	16.88		
15	256QAM	36	39	17.02	17.30	17.00		
15	256QAM	75	0	17.05	17.25	17.16		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.00	17.21	17.00	18	0
10	QPSK	1	25	17.10	17.18	16.97		
10	QPSK	1	49	16.97	17.28	17.07		
10	QPSK	25	0	17.16	17.15	17.06		
10	QPSK	25	12	17.23	17.22	16.88		
10	QPSK	25	25	17.10	17.15	17.09		
10	QPSK	50	0	17.07	17.13	16.94		
10	16QAM	1	0	17.13	17.10	17.05		
10	16QAM	1	25	17.01	17.17	17.09		
10	16QAM	1	49	17.11	17.21	17.03		
10	16QAM	25	0	16.99	17.15	17.01		
10	16QAM	25	12	17.09	17.17	17.09		
10	16QAM	25	25	17.08	17.07	16.94		
10	16QAM	50	0	17.09	17.14	17.08		
10	64QAM	1	0	17.10	17.34	17.00		
10	64QAM	1	25	17.09	17.36	17.11		
10	64QAM	1	49	17.22	17.15	17.12		
10	64QAM	25	0	17.09	17.24	16.94		
10	64QAM	25	12	17.10	17.20	17.13		
10	64QAM	25	25	17.18	17.31	16.99		
10	64QAM	50	0	17.18	17.19	17.04		
10	256QAM	1	0	17.17	17.18	16.96		
10	256QAM	1	25	17.12	17.08	16.89		
10	256QAM	1	49	17.16	17.22	17.06		
10	256QAM	25	0	17.08	17.11	17.11		
10	256QAM	25	12	17.14	17.30	17.05		
10	256QAM	25	25	17.01	17.23	17.08		
10	256QAM	50	0	17.20	17.19	17.12		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.10	17.27	17.06	18	0
5	QPSK	1	12	17.04	17.27	17.15		
5	QPSK	1	24	17.01	17.29	17.11		
5	QPSK	12	0	17.09	17.25	16.93		
5	QPSK	12	7	17.20	17.17	16.92		
5	QPSK	12	13	17.12	17.19	17.05		
5	QPSK	25	0	17.13	17.09	16.94		
5	16QAM	1	0	17.04	17.16	17.08		
5	16QAM	1	12	17.09	17.19	17.17		
5	16QAM	1	24	17.07	17.23	17.16		
5	16QAM	12	0	17.06	17.14	16.95		
5	16QAM	12	7	16.96	17.19	17.13		
5	16QAM	12	13	16.96	17.20	17.05		
5	16QAM	25	0	17.09	17.23	17.17		
5	64QAM	1	0	17.09	17.30	17.09		
5	64QAM	1	12	16.99	17.30	17.11		
5	64QAM	1	24	17.21	17.23	17.02		
5	64QAM	12	0	17.12	17.22	17.01		
5	64QAM	12	7	17.11	17.09	17.08		
5	64QAM	12	13	17.19	17.17	17.03		
5	64QAM	25	0	17.28	17.09	17.00		
5	256QAM	1	0	17.25	17.14	16.92		
5	256QAM	1	12	17.12	17.19	16.97		
5	256QAM	1	24	17.10	17.20	17.12		
5	256QAM	12	0	16.97	17.21	17.06		
5	256QAM	12	7	17.24	17.18	16.94		
5	256QAM	12	13	17.06	17.20	17.06		
5	256QAM	25	0	17.16	17.17	17.18		

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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	16.59	16.59	16.79	16.46	16.67	17.5	0
20	QPSK	1	49	16.58	16.48	16.67	16.53	16.54		
20	QPSK	1	99	16.63	16.48	16.64	16.45	16.52		
20	QPSK	50	0	16.65	16.59	16.75	16.56	16.53		
20	QPSK	50	24	16.59	16.46	16.68	16.46	16.57		
20	QPSK	50	50	16.69	16.61	16.73	16.51	16.65		
20	QPSK	100	0	16.57	16.52	16.62	16.53	16.53		
20	16QAM	1	0	16.62	16.63	16.71	16.54	16.57		
20	16QAM	1	49	16.68	16.63	16.70	16.59	16.53		
20	16QAM	1	99	16.60	16.59	16.63	16.59	16.53		
20	16QAM	50	0	16.68	16.50	16.61	16.53	16.59		
20	16QAM	50	24	16.70	16.56	16.64	16.46	16.59		
20	16QAM	50	50	16.66	16.53	16.76	16.42	16.52		
20	16QAM	100	0	16.70	16.48	16.68	16.49	16.54		
20	64QAM	1	0	16.62	16.56	16.68	16.56	16.56		
20	64QAM	1	49	16.57	16.46	16.60	16.56	16.54		
20	64QAM	1	99	16.57	16.57	16.62	16.53	16.63		
20	64QAM	50	0	16.68	16.58	16.64	16.50	16.50		
20	64QAM	50	24	16.83	16.47	16.61	16.53	16.62		
20	64QAM	50	50	16.66	16.61	16.58	16.53	16.58		
20	64QAM	100	0	16.67	16.54	16.72	16.44	16.62		
20	256QAM	1	0	16.57	16.69	16.65	16.49	16.60		
20	256QAM	1	49	16.66	16.54	16.63	16.43	16.61		
20	256QAM	1	99	16.67	16.57	16.71	16.46	16.58		
20	256QAM	50	0	16.68	16.59	16.62	16.47	16.66		
20	256QAM	50	24	16.69	16.47	16.72	16.55	16.54		
20	256QAM	50	50	16.61	16.50	16.61	16.53	16.61		
20	256QAM	100	0	16.68	16.51	16.72	16.55	16.63		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.41	16.41	16.68	16.27	16.55	18	0
15	QPSK	1	37	16.51	16.44	16.62	16.42	16.53		
15	QPSK	1	74	16.60	16.32	16.50	16.40	16.40		
15	QPSK	36	0	16.47	16.45	16.60	16.33	16.38	17.5	0
15	QPSK	36	20	16.60	16.41	16.60	16.50	16.50		
15	QPSK	36	39	16.59	16.44	16.58	16.38	16.61		
15	QPSK	75	0	16.40	16.50	16.51	16.47	16.40		
15	16QAM	1	0	16.61	16.47	16.53	16.48	16.43		
15	16QAM	1	37	16.55	16.57	16.65	16.40	16.51	17.5	0
15	16QAM	1	74	16.43	16.40	16.49	16.44	16.43		
15	16QAM	36	0	16.62	16.44	16.43	16.35	16.52		
15	16QAM	36	20	16.64	16.48	16.51	16.29	16.42	17.5	0
15	16QAM	36	39	16.47	16.37	16.72	16.41	16.40		
15	16QAM	75	0	16.60	16.33	16.49	16.33	16.52		
15	64QAM	1	0	16.56	16.54	16.50	16.52	16.49		
15	64QAM	1	37	16.46	16.36	16.47	16.55	16.48	17.5	0
15	64QAM	1	74	16.51	16.50	16.44	16.41	16.59		
15	64QAM	36	0	16.59	16.51	16.55	16.37	16.45		
15	64QAM	36	20	16.48	16.39	16.44	16.39	16.57	17.5	0
15	64QAM	36	39	16.60	16.55	16.43	16.39	16.50		
15	64QAM	75	0	16.66	16.36	16.64	16.25	16.54		
15	256QAM	1	0	16.50	16.49	16.52	16.32	16.47		
15	256QAM	1	37	16.51	16.45	16.57	16.39	16.51	17.5	0
15	256QAM	1	74	16.51	16.54	16.64	16.32	16.54		
15	256QAM	36	0	16.63	16.42	16.55	16.35	16.58		
15	256QAM	36	20	16.67	16.35	16.66	16.40	16.50	17.5	0
15	256QAM	36	39	16.51	16.42	16.52	16.40	16.45		
15	256QAM	75	0	16.57	16.40	16.61	16.36	16.44		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.51	16.56	16.66	16.35	16.62	18	0
10	QPSK	1	25	16.51	16.30	16.52	16.36	16.48		
10	QPSK	1	49	16.51	16.32	16.48	16.39	16.40		
10	QPSK	25	0	16.43	16.28	16.51	16.27	16.49	17.5	0
10	QPSK	25	12	16.56	16.58	16.56	16.53	16.36		
10	QPSK	25	25	16.56	16.51	16.68	16.47	16.63		
10	QPSK	50	0	16.52	16.40	16.52	16.47	16.42		
10	16QAM	1	0	16.51	16.62	16.61	16.46	16.48		
10	16QAM	1	25	16.51	16.47	16.55	16.50	16.41	17.5	0
10	16QAM	1	49	16.47	16.49	16.56	16.41	16.44		
10	16QAM	25	0	16.58	16.36	16.46	16.43	16.56		
10	16QAM	25	12	16.54	16.51	16.55	16.32	16.42	17.5	0
10	16QAM	25	25	16.56	16.41	16.69	16.27	16.46		
10	16QAM	50	0	16.67	16.40	16.50	16.44	16.47		
10	64QAM	1	0	16.56	16.52	16.60	16.53	16.43	17.5	0
10	64QAM	1	25	16.41	16.33	16.43	16.41	16.36		
10	64QAM	1	49	16.42	16.50	16.45	16.34	16.59		
10	64QAM	25	0	16.66	16.46	16.60	16.34	16.34	17.5	0
10	64QAM	25	12	16.53	16.41	16.53	16.40	16.58		
10	64QAM	25	25	16.52	16.42	16.54	16.42	16.55		
10	64QAM	50	0	16.54	16.36	16.57	16.34	16.45		
10	256QAM	1	0	16.52	16.56	16.49	16.46	16.58	17.5	0
10	256QAM	1	25	16.52	16.47	16.55	16.31	16.53		
10	256QAM	1	49	16.48	16.42	16.59	16.42	16.41		
10	256QAM	25	0	16.63	16.37	16.50	16.33	16.55	17.5	0
10	256QAM	25	12	16.57	16.31	16.53	16.44	16.52		
10	256QAM	25	25	16.56	16.42	16.57	16.48	16.45		
10	256QAM	50	0	16.61	16.33	16.69	16.53	16.53		
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	16.47	16.41	16.63	16.27	16.50	18	0
5	QPSK	1	12	16.53	16.46	16.53	16.36	16.51		
5	QPSK	1	24	16.46	16.33	16.50	16.27	16.49		
5	QPSK	12	0	16.55	16.32	16.50	16.39	16.46	17.5	0
5	QPSK	12	7	16.63	16.42	16.50	16.42	16.42		
5	QPSK	12	13	16.51	16.55	16.62	16.35	16.55		
5	QPSK	25	0	16.41	16.49	16.52	16.45	16.47		
5	16QAM	1	0	16.55	16.44	16.66	16.48	16.46	17.5	0
5	16QAM	1	12	16.63	16.62	16.62	16.47	16.41		
5	16QAM	1	24	16.44	16.52	16.55	16.50	16.36		
5	16QAM	12	0	16.65	16.43	16.52	16.38	16.47	17.5	0
5	16QAM	12	7	16.59	16.38	16.50	16.39	16.50		
5	16QAM	12	13	16.55	16.44	16.68	16.25	16.38		
5	16QAM	25	0	16.59	16.33	16.59	16.47	16.40		
5	64QAM	1	0	16.49	16.39	16.56	16.51	16.51	17.5	0
5	64QAM	1	12	16.41	16.34	16.49	16.44	16.46		
5	64QAM	1	24	16.45	16.45	16.56	16.47	16.51		
5	64QAM	12	0	16.60	16.44	16.52	16.34	16.33	17.5	0
5	64QAM	12	7	16.47	16.43	16.57	16.44	16.52		
5	64QAM	12	13	16.54	16.47	16.52	16.46	16.53		
5	64QAM	25	0	16.64	16.50	16.56	16.39	16.59		
5	256QAM	1	0	16.48	16.48	16.64	16.38	16.47	17.5	0
5	256QAM	1	12	16.64	16.41	16.59	16.27	16.54		
5	256QAM	1	24	16.54	16.53	16.55	16.37	16.40		
5	256QAM	12	0	16.55	16.47	16.51	16.36	16.64	17.5	0
5	256QAM	12	7	16.51	16.31	16.58	16.36	16.40		
5	256QAM	12	13	16.46	16.37	16.44	16.37	16.53		
5	256QAM	25	0	16.64	16.48	16.57	16.39	16.45		

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BW [MHz]	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	17.35	17.61	17.40		
20	QPSK	1	49	17.43	17.57	17.38	19	0
20	QPSK	1	99	17.41	17.45	17.47		
20	QPSK	50	0	17.49	17.57	17.38		
20	QPSK	50	24	17.46	17.48	17.38	19	0
20	QPSK	50	50	17.34	17.44	17.34		
20	QPSK	100	0	17.37	17.52	17.48		
20	16QAM	1	0	17.35	17.49	17.50		
20	16QAM	1	49	17.40	17.52	17.45	19	0
20	16QAM	1	99	17.42	17.44	17.35		
20	16QAM	50	0	17.37	17.42	17.46		
20	16QAM	50	24	17.42	17.43	17.45	19	0
20	16QAM	50	50	17.30	17.56	17.35		
20	16QAM	100	0	17.41	17.40	17.38		
20	64QAM	1	0	17.48	17.55	17.51		
20	64QAM	1	49	17.48	17.42	17.39	19	0
20	64QAM	1	99	17.34	17.44	17.35		
20	64QAM	50	0	17.49	17.43	17.48		
20	64QAM	50	24	17.36	17.58	17.44	19	0
20	64QAM	50	50	17.43	17.50	17.36		
20	64QAM	100	0	17.32	17.46	17.45		
20	256QAM	1	0	17.50	17.59	17.50		
20	256QAM	1	49	17.47	17.57	17.56	19	0
20	256QAM	1	99	17.48	17.40	17.41		
20	256QAM	50	0	17.43	17.52	17.48		
20	256QAM	50	24	17.44	17.50	17.44	19	0
20	256QAM	50	50	17.48	17.56	17.46		
20	256QAM	100	0	17.53	17.58	17.54		
	Channel			20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	17.31	17.39	17.27		
15	QPSK	1	37	17.28	17.55	17.23	19	0
15	QPSK	1	74	17.38	17.39	17.30		
15	QPSK	36	0	17.42	17.42	17.26		
15	QPSK	36	20	17.45	17.46	17.20	19	0
15	QPSK	36	39	17.29	17.43	17.22		
15	QPSK	75	0	17.35	17.27	17.36		
15	16QAM	1	0	17.26	17.35	17.37		
15	16QAM	1	37	17.25	17.48	17.27	19	0
15	16QAM	1	74	17.30	17.38	17.17		
15	16QAM	36	0	17.23	17.40	17.43		
15	16QAM	36	20	17.38	17.28	17.40	19	0
15	16QAM	36	39	17.30	17.48	17.26		
15	16QAM	75	0	17.24	17.28	17.21		
15	64QAM	1	0	17.36	17.49	17.44		
15	64QAM	1	37	17.43	17.33	17.27	19	0
15	64QAM	1	74	17.35	17.34	17.26		
15	64QAM	36	0	17.30	17.26	17.39		
15	64QAM	36	20	17.31	17.47	17.41	19	0
15	64QAM	36	39	17.31	17.34	17.28		
15	64QAM	75	0	17.15	17.31	17.33		
15	256QAM	1	0	17.48	17.55	17.40		
15	256QAM	1	37	17.42	17.54	17.55	19	0
15	256QAM	1	74	17.36	17.39	17.32		
15	256QAM	36	0	17.37	17.46	17.38		
15	256QAM	36	20	17.38	17.43	17.43	19	0
15	256QAM	36	39	17.43	17.45	17.39		
15	256QAM	75	0	17.51	17.48	17.46		
	Channel			20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	17.29	17.28	17.38		
10	QPSK	1	25	17.35	17.41	17.27	19	0
10	QPSK	1	49	17.24	17.30	17.32		
10	QPSK	25	0	17.40	17.45	17.26		
10	QPSK	25	12	17.46	17.47	17.27	19	0
10	QPSK	25	25	17.33	17.41	17.29		
10	QPSK	50	0	17.28	17.36	17.33		
10	16QAM	1	0	17.18	17.31	17.36		
10	16QAM	1	25	17.22	17.48	17.34	19	0
10	16QAM	1	49	17.29	17.40	17.19		
10	16QAM	25	0	17.19	17.30	17.35		
10	16QAM	25	12	17.35	17.31	17.27	19	0
10	16QAM	25	25	17.30	17.41	17.23		
10	16QAM	50	0	17.39	17.34	17.36		
10	64QAM	1	0	17.46	17.40	17.33		
10	64QAM	1	25	17.30	17.32	17.21	19	0
10	64QAM	1	49	17.21	17.39	17.25		
10	64QAM	25	0	17.39	17.42	17.38		
10	64QAM	25	12	17.22	17.53	17.43	19	0
10	64QAM	25	25	17.27	17.39	17.26		
10	64QAM	50	0	17.20	17.30	17.35		
10	256QAM	1	0	17.46	17.54	17.45		
10	256QAM	1	25	17.44	17.48	17.47	19	0
10	256QAM	1	49	17.37	17.40	17.36		
10	256QAM	25	0	17.36	17.44	17.41		
10	256QAM	25	12	17.38	17.40	17.40	19	0
10	256QAM	25	25	17.41	17.47	17.40		
10	256QAM	50	0	17.43	17.51	17.51		
	Channel			19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1732.5	1752.5		
5	QPSK	1	0	17.22	17.25	17.38		
5	QPSK	1	12	17.31	17.40	17.24	19	0
5	QPSK	1	24	17.36	17.29	17.35		
5	QPSK	12	0	17.40	17.43	17.29		
5	QPSK	12	7	17.31	17.56	17.35	19	0
5	QPSK	12	13	17.15	17.41	17.28		
5	QPSK	25	0	17.28	17.26	17.37		
5	16QAM	1	0	17.22	17.39	17.39		
5	16QAM	1	12	17.38	17.50	17.43	19	0
5	16QAM	1	24	17.35	17.32	17.22		
5	16QAM	12	0	17.28	17.32	17.42		
5	16QAM	12	7	17.28	17.36	17.38	19	0
5	16QAM	12	13	17.35	17.52	17.27		
5	16QAM	25	0	17.23	17.24	17.27		
5	64QAM	1	0	17.42	17.41	17.44		
5	64QAM	1	12	17.38	17.32	17.25	19	0
5	64QAM	1	24	17.30	17.43	17.33		
5	64QAM	12	0	17.31	17.38	17.47		
5	64QAM	12	7	17.34	17.46	17.27	19	0
5	64QAM	12	13	17.41	17.49	17.28		
5	64QAM	25	0	17.28	17.37	17.38		
5	256QAM	1	0	17.44	17.56	17.48		
5	256QAM	1	12	17.44	17.49	17.48	19	0
5	256QAM	1	24	17.43	17.45	17.40		
5	256QAM	12	0	17.39	17.50	17.38		
5	256QAM	12	7	17.40	17.41	17.35	19	0
5	256QAM	12	13	17.41	17.48	17.41		
5	256QAM	25	0	17.51	17.51	17.52		
	Channel			19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	17.20	17.29	17.36		
3	QPSK	1	8	17.40	17.50	17.18	19	0
3	QPSK	1	14	17.40	17.33	17.33		
3	QPSK	8	0	17.42	17.40	17.30		
3	QPSK	8	4	17.41	17.45	17.21	19	0
3	QPSK	8	7	17.22	17.36	17.16		
3	QPSK	15	0	17.32	17.28	17.42		
3	16QAM	1	0	17.20	17.33	17.43		
3	16QAM	1	8	17.31	17.36	17.34	19	0
3	16QAM	1	14	17.37	17.37	17.28		
3	16QAM	8	0	17.22	17.27	17.30		
3	16QAM	8	4	17.30	17.30	17.27	19	0
3	16QAM	8	7	17.25	17.54	17.31		
3	16QAM	15	0	17.25	17.28	17.27		
3	64QAM	1	0	17.38	17.46	17.37		
3	64QAM	1	8	17.36	17.37	17.38	19	0
3	64QAM	1	14	17.36	17.38	17.18		
3	64QAM	8	0	17.31	17.33	17.40		
3	64QAM	8	4	17.25	17.49	17.28	19	0
3	64QAM	8	7	17.25	17.46	17.36		
3	64QAM	15	0	17.19	17.38	17.38		
3	256QAM	1	0	17.40	17.48	17.40		
3	256QAM	1	8	17.42	17.51	17.51	19	0
3	256QAM	1	14	17.40	17.46	17.36		
3	256QAM	8	0	17.41	17.47	17.45		
3	256QAM	8	4	17.42	17.46	17.40	19	0
3	256QAM	8	7	17.43	17.47	17.38		
3	256QAM	15	0	17.48	17.57	17.46		
	Channel			19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.28	17.25	17.30		
1.4	QPSK	1	3	17.38	17.50	17.21		
1.4	QPSK	1	5	17.40	17.33	17.42	19	0
1.4	QPSK	3	0	17.35	17.35	17.21		
1.4	QPSK	3	1	17.38	17.41	17.36		
1.4	QPSK	3	3	17.27	17.30	17.26		
1.4	QPSK	6	0	17.19	17.33	17.44	19	0
1.4	16QAM	1	0	17.29	17.41	17.45		
1.4	16QAM	1	3	17.26	17.40	17.42		
1.4	16QAM	1	5	17.29	17.40	17.29	19	0
1.4	16QAM	3	0	17.26	17.41	17.43		
1.4	16QAM	3	1	17.41	17.35	17.38		
1.4	16QAM	3	3	17.37	17.51	17.20		
1.4	16QAM	6	0	17.33	17.26	17.20	19	0
1.4	64QAM	1	0	17.42	17.52	17.41		
1.4	64QAM	1	3	17.43	17.37	17.37		
1.4	64QAM	1	5	17.22	17.33	17.16	19	0
1.4	64QAM	3	0	17.39	17.32	17.30		
1.4	64QAM	3	1	17.26	17.43	17.40		
1.4	64QAM	3	3	17.24	17.38	17.21		
1.4	64QAM	6	0	17.19	17.28	17.37	19	0
1.4	256QAM	1	0	17.41	17.57	17.40		
1.4	256QAM	1	3	17.43	17.53	17.46		
1.4	256QAM	1	5	17.39	17.44	17.38	19	0
1.4	256QAM	3	0	17.38	17.49	17.44		
1.4	256QAM	3	1	17.39	17.49	17.36		
1.4	256QAM	3	3	17.46	17.52	17.37		
1.4	256QAM	6	0	17.42	17.50	17.44	19	0

Band 7 Ant1 Main PA DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20850	21100	21350		
	Frequency (MHz)			2510	2535	2560		
20	QPSK	1	0	19.28	19.36	19.15		
20	QPSK	1	49	19.15	19.21	19.18	20.5	0
20	QPSK	1	99	19.16	19.29	19.22		
20	QPSK	50	0	19.23	19.35	19.13		
20	QPSK	50	24	19.19	19.19	19.12	20.5	0
20	QPSK	50	50	19.18	19.31	19.07		
20	QPSK	100	0	19.19	19.27	19.17		
20	16QAM	1	0	19.19	19.27	19.22		
20	16QAM	1	49	19.13	19.18	19.23	20.5	0
20	16QAM	1	99	19.30	19.14	19.07		
20	16QAM	50	0	19.23	19.18	19.11		
20	16QAM	50	24	19.30	19.30	19.22	20.5	0
20	16QAM	50	50	19.23	19.27	19.08		
20	16QAM	100	0	19.13	19.34	19.15		
20	64QAM	1	0	19.34	19.28	19.22		
20	64QAM	1	49	19.18	19.24	19.24	20.5	0
20	64QAM	1	99	19.34	19.32	19.13		
20	64QAM	50	0	19.16	19.34	19.15		
20	64QAM	50	24	19.16	19.30	19.13	20.5	0
20	64QAM	50	50	19.32	19.21	19.19		
20	64QAM	100	0	19.20	19.18	19.24		
20	256QAM	1	0	18.28	18.36	18.28		
20	256QAM	1	49	18.13	18.21	18.14	19.5	1
20	256QAM	1	99	18.24	18.28	18.19		
20	256QAM	50	0	18.21	18.23	18.20		
20	256QAM	50	24	18.21	18.24	18.23	19.5	1
20	256QAM	50	50	18.22	18.25	18.22		
20	256QAM	100	0	18.23	18.26	18.17		
	Channel			20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2507.5	2535	2562.5		
15	QPSK	1	0	19.24	19.18	19.09		
15	QPSK	1	37	18.99	19.12	18.98	20.5	0
15	QPSK	1	74	19.03	19.25	19.21		
15	QPSK	36	0	19.12	19.18	18.92		
15	QPSK	36	20	19.19	19.34	19.09	20.5	0
15	QPSK	36	39	19.06	19.20	18.87		
15	QPSK	75	0	19.11	19.18	19.11		
15	16QAM	1	0	19.06	19.15	19.21		
15	16QAM	1	37	18.96	19.16	19.09	20.5	0
15	16QAM	1	74	19.29	19.06	18.92		
15	16QAM	36	0	19.09	18.97	19.04		
15	16QAM	36	20	19.25	19.23	19.21	20.5	0
15	16QAM	36	39	19.05	19.06	18.91		
15	16QAM	75	0	19.15	19.28	19.17		
15	64QAM	1	0	19.16	19.22	19.04		
15	64QAM	1	37	19.19	19.25	19.20	20.5	0
15	64QAM	1	74	19.34	19.16	18.98		
15	64QAM	36	0	19.09	19.26	19.04		
15	64QAM	36	20	19.06	19.28	19.13	20.5	0
15	64QAM	36	39	19.34	19.23	19.09		
15	64QAM	75	0	19.18	19.01	19.25		
15	256QAM	1	0	18.27	18.29	18.20		
15	256QAM	1	37	18.11	18.12	18.11	19.5	1
15	256QAM	1	74	18.14	18.21	18.16		
15	256QAM	36	0	18.16	18.18	18.16		
15	256QAM	36	20	18.10	18.16	18.16	19.5	1
15	256QAM	36	39	18.18	18.16	18.16		
15	256QAM	75	0	18.17	18.22	18.12		
	Channel			20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2505	2535	2565		
10	QPSK	1	0	19.21	19.00	19.00		
10	QPSK	1	25	19.04	19.00	19.18	20.5	0
10	QPSK	1	49	18.95	19.23	19.02		
10	QPSK	25	0	18.98	19.17	19.13		
10	QPSK	25	12	19.08	19.30	18.95	20.5	0
10	QPSK	25	25	18.98	19.18	18.94		
10	QPSK	50	0	19.05	19.11	19.14		
10	16QAM	1	0	19.10	19.08	19.06		
10	16QAM	1	25	19.06	19.01	19.08	20.5	0
10	16QAM	1	49	19.20	19.02	19.02		
10	16QAM	25	0	19.02	19.00	19.06		
10	16QAM	25	12	19.10	19.16	19.22	20.5	0
10	16QAM	25	25	19.17	19.11	18.87		
10	16QAM	50	0	19.13	19.33	19.14		
10	64QAM	1	0	19.34	19.27	19.17		
10	64QAM	1	25	19.06	19.04	19.07	20.5	0
10	64QAM	1	49	19.31	19.24	19.15		
10	64QAM	25	0	19.00	19.33	19.16		
10	64QAM	25	12	19.03	19.27	19.03	20.5	0
10	64QAM	25	25	19.26	19.02	19.20		
10	64QAM	50	0	19.00	19.18	19.17		
10	256QAM	1	0	18.25	18.26	18.20		
10	256QAM	1	25	18.06	18.18	18.03	19.5	1
10	256QAM	1	49	18.19	18.22	18.12		
10	256QAM	25	0	18.15	18.22	18.19		
10	256QAM	25	12	18.13	18.16	18.20	19.5	1
10	256QAM	25	25	18.17	18.15	18.19		
10	256QAM	50	0	18.14	18.17	18.12		
	Channel			20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2502.5	2535	2567.5		
5	QPSK	1	0	19.28	19.14	19.00		
5	QPSK	1	12	19.11	19.12	19.07	20.5	0
5	QPSK	1	24	19.07	19.17	19.22		
5	QPSK	12	0	19.09	19.18	19.05		
5	QPSK	12	7	19.20	19.34	19.00	20.5	0
5	QPSK	12	13	19.11	19.29	18.99		
5	QPSK	25	0	19.13	19.05	19.09		
5	16QAM	1	0	19.14	19.09	19.19		
5	16QAM	1	12	18.99	19.03	19.03	20.5	0
5	16QAM	1	24	19.16	18.94	18.93		
5	16QAM	12	0	19.07	19.00	18.92		
5	16QAM	12	7	19.26	19.33	19.19	20.5	0
5	16QAM	12	13	19.18	19.07	19.09		
5	16QAM	25	0	19.04	19.17	18.98		
5	64QAM	1	0	19.27	19.22	19.21		
5	64QAM	1	12	19.02	19.22	19.11	20.5	0
5	64QAM	1	24	19.20	19.20	19.12		
5	64QAM	12	0	19.03	19.14	19.12		
5	64QAM	12	7	19.00	19.26	19.04	20.5	0
5	64QAM	12	13	19.32	19.00	19.12		
5	64QAM	25	0	19.09	19.12	19.15		
5	256QAM	1	0	18.26	18.35	18.18		
5	256QAM	1	12	18.07	18.17	18.05	19.5	1
5	256QAM	1	24	18.15	18.17	18.08		
5	256QAM	12	0	18.18	18.20	18.17		
5	256QAM	12	7	18.18	18.15	18.14	19.5	1
5	256QAM	12	13	18.12	18.24	18.20		
5	256QAM	25	0	18.16	18.23	18.08		

Band 66 Ant1 Other PA DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			132072	132322	132572		
	Frequency (MHz)			1720	1745	1770		
20	QPSK	1	0	18.87	18.97	18.76		
20	QPSK	1	49	18.84	18.87	18.86	19.2	0
20	QPSK	1	99	18.94	18.86	18.89		
20	QPSK	50	0	18.79	18.91	18.73		
20	QPSK	50	24	18.80	18.85	18.73	19.2	0
20	QPSK	50	50	18.86	18.86	18.83		
20	QPSK	100	0	18.83	18.87	18.72		
20	16QAM	1	0	18.94	18.86	18.89		
20	16QAM	1	49	18.92	18.88	18.74	19.2	0
20	16QAM	1	99	18.95	18.83	18.75		
20	16QAM	50	0	18.87	18.93	18.73		
20	16QAM	50	24	18.87	18.90	18.88	19.2	0
20	16QAM	50	50	18.79	18.93	18.77		
20	16QAM	100	0	18.85	18.84	18.88		
20	64QAM	1	0	18.93	18.84	18.88		
20	64QAM	1	49	18.90	18.82	18.83	19.2	0
20	64QAM	1	99	18.87	18.92	18.86		
20	64QAM	50	0	18.85	18.89	18.78		
20	64QAM	50	24	18.86	18.91	18.75	19.2	0
20	64QAM	50	50	18.93	18.93	18.88		
20	64QAM	100	0	18.91	18.84	18.89		
20	256QAM	1	0	18.92	18.93	18.77		
20	256QAM	1	49	18.88	18.87	18.72	19.2	0
20	256QAM	1	99	18.81	18.88	18.88		
20	256QAM	50	0	18.87	18.93	18.77		
20	256QAM	50	24	18.85	18.85	18.78	19.2	0
20	256QAM	50	50	18.94	18.85	18.84		
20	256QAM	100	0	18.87	18.94	18.87		
	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	18.75	18.87	18.75		
15	QPSK	1	37	18.79	18.71	18.81	19.2	0
15	QPSK	1	74	18.81	18.83	18.75		
15	QPSK	36	0	18.69	18.69	18.56		
15	QPSK	36	20	18.71	18.71	18.69	19.2	0
15	QPSK	36	39	18.81	18.75	18.64		
15	QPSK	75	0	18.66	18.83	18.59		
15	16QAM	1	0	18.90	18.69	18.84		
15	16QAM	1	37	18.86	18.78	18.57	19.2	0
15	16QAM	1	74	18.92	18.67	18.73		
15	16QAM	36	0	18.87	18.77	18.67		
15	16QAM	36	20	18.81	18.83	18.85	19.2	0
15	16QAM	36	39	18.74	18.68	18.63		
15	16QAM	75	0	18.68	18.73	18.85		
15	64QAM	1	0	18.88	18.70	18.72		
15	64QAM	1	37	18.83	18.72	18.68	19.2	0
15	64QAM	1	74	18.84	18.83	18.76		
15	64QAM	36	0	18.76	18.80	18.65		
15	64QAM	36	20	18.80	18.82	18.64	19.2	0
15	64QAM	36	39	18.83	18.77	18.83		
15	64QAM	75	0	18.83	18.75	18.82		
15	256QAM	1	0	18.74	18.75	18.61		
15	256QAM	1	37	18.77	18.89	18.64	19.2	0
15	256QAM	1	74	18.75	18.69	18.81		
15	256QAM	36	0	18.83	18.83	18.64		
15	256QAM	36	20	18.70	18.74	18.70	19.2	0
15	256QAM	36	39	18.92	18.81	18.68		
15	256QAM	75	0	18.81	18.91	18.78		
	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1745	1775		
10	QPSK	1	0	18.81	18.89	18.63		
10	QPSK	1	25	18.75	18.78	18.69	19.2	0
10	QPSK	1	49	18.83	18.77	18.74		
10	QPSK	25	0	18.61	18.74	18.71		
10	QPSK	25	12	18.78	18.85	18.71	19.2	0
10	QPSK	25	25	18.71	18.79	18.81		
10	QPSK	50	0	18.71	18.69	18.69		
10	16QAM	1	0	18.92	18.80	18.81		
10	16QAM	1	25	18.73	18.82	18.64	19.2	0
10	16QAM	1	49	18.77	18.77	18.73		
10	16QAM	25	0	18.96	18.74	18.68		
10	16QAM	25	12	18.72	18.77	18.86	19.2	0
10	16QAM	25	25	18.62	18.

Band 38 Ant1 Main PA DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.99	20.25	20.11		
20	QPSK	1	49	20.03	20.24	20.04	21	0
20	QPSK	1	99	20.01	20.20	19.92		
20	QPSK	50	0	20.01	20.17	20.12		
20	QPSK	50	24	20.16	20.03	19.97	21	0
20	QPSK	50	50	20.05	20.09	19.99		
20	QPSK	100	0	20.09	20.11	19.97		
20	16QAM	1	0	19.97	20.22	20.02		
20	16QAM	1	49	19.97	20.19	20.01	21	0
20	16QAM	1	99	20.14	20.18	19.91		
20	16QAM	50	0	20.16	20.17	20.02		
20	16QAM	50	24	19.98	20.21	20.07	21	0
20	16QAM	50	50	20.06	20.12	19.95		
20	16QAM	100	0	20.03	20.15	19.93		
20	64QAM	1	0	20.09	20.09	20.00		
20	64QAM	1	49	20.03	20.15	20.00	21	0
20	64QAM	1	99	20.04	20.21	19.95		
20	64QAM	50	0	20.08	20.19	20.12		
20	64QAM	50	24	20.03	20.12	20.06	21	0
20	64QAM	50	50	20.11	20.17	20.09		
20	64QAM	100	0	20.10	20.16	20.10		
20	256QAM	1	0	18.28	18.31	18.26		
20	256QAM	1	49	18.15	18.23	18.19	19	2
20	256QAM	1	99	18.23	18.26	18.17		
20	256QAM	50	0	18.19	18.29	18.26		
20	256QAM	50	24	18.15	18.24	18.14	19	2
20	256QAM	50	50	18.14	18.21	18.15		
20	256QAM	100	0	18.14	18.21	18.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.86	20.06	19.98	21	0
15	QPSK	1	37	19.94	20.07	19.95		
15	QPSK	1	74	19.95	20.16	19.77		
15	QPSK	36	0	20.10	20.05	19.86		
15	QPSK	36	20	19.91	19.92	20.06	21	0
15	QPSK	36	39	19.97	20.11	19.89		
15	QPSK	75	0	19.99	20.10	19.98		
15	16QAM	1	0	19.93	20.21	19.87	21	0
15	16QAM	1	37	19.76	20.05	19.88		
15	16QAM	1	74	19.99	20.19	19.71		
15	16QAM	36	0	20.06	20.11	19.84		
15	16QAM	36	20	19.91	20.06	19.86	21	0
15	16QAM	36	39	19.93	19.91	19.92		
15	16QAM	75	0	19.94	20.05	19.81		
15	64QAM	1	0	20.04	20.10	19.91		
15	64QAM	1	37	19.97	19.96	19.86	21	0
15	64QAM	1	74	19.83	20.20	19.84		
15	64QAM	36	0	20.01	20.14	20.03		
15	64QAM	36	20	19.95	20.02	19.97	21	0
15	64QAM	36	39	20.05	20.13	20.01		
15	64QAM	75	0	20.01	20.13	20.03		
15	256QAM	1	0	18.23	18.24	18.22		
15	256QAM	1	37	18.11	18.20	18.13	19	2
15	256QAM	1	74	18.17	18.17	18.12		
15	256QAM	36	0	18.14	18.27	18.19		
15	256QAM	36	20	18.11	18.18	18.08	19	2
15	256QAM	36	39	18.09	18.10	18.05		
15	256QAM	75	0	18.03	18.10	18.17		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.78	20.20	20.12		
10	QPSK	1	25	19.89	20.21	19.89	21	0
10	QPSK	1	49	19.86	20.10	19.85		
10	QPSK	25	0	20.16	20.12	19.82		
10	QPSK	25	12	19.85	19.91	19.93	21	0
10	QPSK	25	25	20.00	20.08	19.88		
10	QPSK	50	0	19.93	20.10	19.79		
10	16QAM	1	0	19.88	20.03	20.04		
10	16QAM	1	25	19.81	20.03	19.91	21	0
10	16QAM	1	49	19.94	19.98	19.91		
10	16QAM	25	0	20.11	19.99	19.99		
10	16QAM	25	12	19.97	20.19	19.90	21	0
10	16QAM	25	25	19.97	19.96	19.81		
10	16QAM	50	0	19.91	19.99	19.73		
10	64QAM	1	0	20.01	20.04	19.81		
10	64QAM	1	25	19.90	20.04	20.01	21	0
10	64QAM	1	49	19.86	20.13	19.73		
10	64QAM	25	0	20.05	20.18	20.09		
10	64QAM	25	12	19.95	20.02	20.02	21	0
10	64QAM	25	25	20.04	20.09	20.04		
10	64QAM	50	0	20.03	20.09	20.01		
10	256QAM	1	0	18.25	18.21	18.15		
10	256QAM	1	25	18.05	18.20	18.13	19	2
10	256QAM	1	49	18.15	18.22	18.09		
10	256QAM	25	0	18.08	18.22	18.23		
10	256QAM	25	12	18.13	18.15	18.06	19	2
10	256QAM	25	25	18.05	18.11	18.06		
10	256QAM	50	0	18.09	18.19	18.18		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.77	20.20	19.90	21	0
5	QPSK	1	12	19.88	20.10	19.98		
5	QPSK	1	24	19.86	20.13	19.92		
5	QPSK	12	0	20.15	20.14	19.93		
5	QPSK	12	7	19.98	20.02	19.96	21	0
5	QPSK	12	13	19.88	20.11	19.84		
5	QPSK	25	0	19.90	20.12	19.95		
5	16QAM	1	0	19.84	20.11	20.02		
5	16QAM	1	12	19.88	20.03	19.91	21	0
5	16QAM	1	24	20.06	19.97	19.87		
5	16QAM	12	0	20.05	19.98	19.84		
5	16QAM	12	7	19.95	20.02	19.96	21	0
5	16QAM	12	13	20.07	20.04	19.86		
5	16QAM	25	0	20.04	20.17	19.77		
5	64QAM	1	0	20.05	20.06	19.97		
5	64QAM	1	12	19.99	20.04	19.79	21	0
5	64QAM	1	24	20.02	20.19	19.88		
5	64QAM	12	0	20.06	20.11	20.03		
5	64QAM	12	7	19.93	20.02	20.05	21	0
5	64QAM	12	13	20.02	20.07	20.04		
5	64QAM	25	0	20.03	20.10	20.03		
5	256QAM	1	0	18.26	18.22	18.24		
5	256QAM	1	12	18.09	18.17	18.10	19	2
5	256QAM	1	24	18.18	18.23	18.14		
5	256QAM	12	0	18.11	18.27	18.25		
5	256QAM	12	7	18.10	18.16	18.10	19	2
5	256QAM	12	13	18.09	18.17	18.07		
5	256QAM	25	0	18.10	18.18	18.13		

Band 41 Ant1 Main PA DSI4

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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	19.62	19.51	19.75	19.59	19.48		
20	QPSK	1	49	19.65	19.52	19.55	19.53	19.58	20.5	0
20	QPSK	1	99	19.53	19.57	19.55	19.57	19.52		
20	QPSK	50	0	19.66	19.61	19.72	19.58	19.54		
20	QPSK	50	24	19.55	19.56	19.67	19.61	19.58	20.5	0
20	QPSK	50	50	19.64	19.63	19.68	19.54	19.54		
20	QPSK	100	0	19.60	19.58	19.61	19.57	19.55		
20	16QAM	1	0	19.52	19.46	19.56	19.55	19.59		
20	16QAM	1	49	19.67	19.63	19.57	19.50	19.43	20.5	0
20	16QAM	1	99	19.60	19.56	19.55	19.55	19.48		
20	16QAM	50	0	19.63	19.52	19.67	19.60	19.53		
20	16QAM	50	24	19.60	19.58	19.66	19.52	19.50	20.5	0
20	16QAM	50	50	19.62	19.47	19.59	19.58	19.43		
20	16QAM	100	0	19.62	19.64	19.59	19.50	19.52		
20	64QAM	1	0	19.61	19.52	19.54	19.62	19.55		
20	64QAM	1	49	19.58	19.58	19.62	19.55	19.59	20.5	0
20	64QAM	1	99	19.65	19.57	19.71	19.65	19.55		
20	64QAM	50	0	19.64	19.49	19.56	19.64	19.45		
20	64QAM	50	24	19.65	19.51	19.72	19.53	19.56	20.5	0
20	64QAM	50	50	19.66	19.47	19.55	19.49	19.49		
20	64QAM	100	0	19.58	19.59	19.61	19.49	19.45		
20	256QAM	1	0	18.23	18.18	18.25	18.22	18.18		
20	256QAM	1	49	18.22	18.17	18.24	18.22	18.19	19	1.5
20	256QAM	1	99	18.16	18.16	18.19	18.08	18.17		
20	256QAM	50	0	18.06	18.09	18.16	18.09	18.08		
20	256QAM	50	24	18.17	18.09	18.20	18.17	18.10	19	1.5
20	256QAM	50	50	18.19	18.16	18.23	18.15	18.20		
20	256QAM	100	0	18.22	18.19	18.24	18.15	18.20		
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	19.46	19.34	19.70	19.48	19.37	21	0
15	QPSK	1	37	19.58	19.50	19.40	19.47	19.43		
15	QPSK	1	74	19.42	19.51	19.52	19.55	19.50		
15	QPSK	36	0	19.39	19.38	19.64	19.48	19.49		
15	QPSK	36	20	19.49	19.42	19.68	19.56	19.42	20.5	0
15	QPSK	36	39	19.55	19.62	19.58	19.38	19.36		
15	QPSK	75	0	19.57	19.48	19.45	19.53	19.54		
15	16QAM	1	0	19.49	19.43	19.47	19.39	19.56		
15	16QAM	1	37	19.57	19.53	19.51	19.45	19.26	20.5	0
15	16QAM	1	74	19.52	19.40	19.38	19.45	19.46		
15	16QAM	36	0	19.46	19.50	19.62	19.44	19.50		
15	16QAM	36	20	19.55	19.41	19.58	19.38	19.38	20.5	0
15	16QAM	36	39	19.55	19.41	19.47	19.40	19.32		
15	16QAM	75	0	19.50	19.47	19.57	19.32	19.39		
15	64QAM	1	0	19.60	19.46	19.37	19.60	19.44		
15	64QAM	1	37	19.52	19.55	19.58	19.39	19.44	20.5	0
15	64QAM	1	74	19.49	19.48	19.56	19.53	19.38		
15	64QAM	36	0	19.51	19.37	19.41	19.59	19.37		
15	64QAM	36	20	19.55	19.46	19.60	19.51	19.53	20.5	0
15	64QAM	36	39	19.49	19.45	19.39	19.46	19.43		
15	64QAM	75	0	19.39	19.42	19.53	19.43	19.26		
15	256QAM	1	0	18.17	18.14	18.17	18.17	18.14		
15	256QAM	1	37	18.14	18.11	18.23	18.16	18.14	19	1.5
15	256QAM	1	74	18.10	18.09	18.13	18.04	18.13		
15	256QAM	36	0	17.95	17.99	18.12	18.01	18.04		
15	256QAM	36	20	18.15	18.03	18.16	18.09	18.03	19	1.5
15	256QAM	36	39	18.15	18.12	18.13	18.08	18.18		
15	256QAM	75	0	18.17	18.08	18.19	18.11	18.17		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.43	19.45	19.60	19.55	19.47	21	0
10	QPSK	1	25	19.57	19.40	19.43	19.49	19.47		
10	QPSK	1	49	19.41	19.52	19.48	19.56	19.40		
10	QPSK	25	0	19.37	19.44	19.62	19.55	19.50	20.5	0
10	QPSK	25	12	19.52	19.58	19.56	19.54	19.40		
10	QPSK	25	25	19.55	19.52	19.56	19.49	19.42		
10	QPSK	50	0	19.44	19.41	19.51	19.46	19.38		
10	16QAM	1	0	19.43	19.40	19.54	19.53	19.46		
10	16QAM	1	25	19.63	19.61	19.39	19.40	19.41	20.5	0
10	16QAM	1	49	19.59	19.47	19.44	19.48	19.30		
10	16QAM	25	0	19.51	19.50	19.62	19.53	19.43		
10	16QAM	25	12	19.54	19.42	19.54	19.45	19.42	20.5	0
10	16QAM	25	25	19.51	19.40	19.51	19.49	19.32		
10	16QAM	50	0	19.49	19.62	19.56	19.35	19.44		
10	64QAM	1	0	19.45	19.41	19.50	19.45	19.42		
10	64QAM	1	25	19.57	19.53	19.56	19.37	19.49	20.5	0
10	64QAM	1	49	19.57	19.51	19.59	19.53	19.49		
10	64QAM	25	0	19.54	19.38	19.54	19.60	19.41		
10	64QAM	25	12	19.49	19.39	19.67	19.49	19.51	20.5	0
10	64QAM	25	25	19.64	19.29	19.49	19.33	19.42		
10	64QAM	50	0	19.55	19.45	19.47	19.46	19.38		
10	256QAM	1	0	18.18	18.10	18.17	18.11	18.14		
10	256QAM	1	25	18.17	18.04	18.18	18.17	18.13	19	1.5
10	256QAM	1	49	18.13	18.14	18.15	18.01	18.15		
10	256QAM	25	0	18.04	18.00	18.10	18.04	18.01		
10	256QAM	25	12	18.10	18.06	18.13	18.06	18.06	19	1.5
10	256QAM	25	25	18.18	18.07	18.15	18.11	18.10		
10	256QAM	50	0	18.16	18.12	18.18	18.04	18.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.45	19.45	19.68	19.49	19.38	21	0
5	QPSK	1	12	19.59	19.49	19.37	19.34	19.55		
5	QPSK	1	24	19.37	19.40	19.45	19.49	19.38		
5	QPSK	12	0	19.40	19.46	19.64	19.56	19.46	20.5	0
5	QPSK	12	7	19.63	19.43	19.69	19.42	19.40		
5	QPSK	12	13	19.52	19.51	19.65	19.52	19.38		
5	QPSK	25	0	19.45	19.48	19.51	19.41	19.48		
5	16QAM	1	0	19.38	19.27	19.41	19.40	19.42		
5	16QAM	1	12	19.51	19.47	19.48	19.31	19.26	20.5	0
5	16QAM	1	24	19.46	19.48	19.44	19.40	19.43		
5	16QAM	12	0	19.57	19.50	19.50	19.51	19.38		
5	16QAM	12	7	19.53	19.49	19.63	19.35	19.34	20.5	0
5	16QAM	12	13	19.51	19.28	19.41	19.41	19.32		
5	16QAM	25	0	19.53	19.51	19.54	19.44	19.42		
5	64QAM	1	0	19.47	19.36	19.36	19.51	19.45		
5	64QAM	1	12	19.48	19.45	19.59	19.47	19.47	20.5	0
5	64QAM	1	24	19.55	19.42	19.64	19.52	19.52		
5	64QAM	12	0	19.62	19.42	19.43	19.57	19.26		
5	64QAM	12	7	19.48	19.48	19.69	19.40	19.48	20.5	0
5	64QAM	12	13	19.63	19.44	19.50	19.30	19.43		
5	64QAM	25	0	19.55	19.55	19.49	19.31	19.29		
5	256QAM	1	0	18.15	18.12	18.17	18.12	18.16		
5	256QAM	1	12	18.13	18.15	18.18	18.15	18.16	19	1.5
5	256QAM	1	24	18.14	18.12	18.17	17.98	18.15		
5	256QAM	12	0	18.01	17.98	18.08	18.06	18.03		
5	256QAM	12	7	18.06	17.99	18.13	18.13	18.02	19	1.5
5	256QAM	12	13	18.09	18.10	18.14	18.13	18.14		
5	256QAM	25	0	18.14	18.15	18.20	18.13	18.10		

Reduced Power for NSA DSI 5

Band 4 Ant0 Main PA DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.8	22.9	22.85	24	0
20	QPSK	1	49	22.78	22.85	22.75		
20	QPSK	1	99	22.72	22.79	22.76		
20	QPSK	50	0	21.92	22.09	21.94	23	1
20	QPSK	50	24	21.96	22.01	21.92		
20	QPSK	50	50	21.86	21.89	21.82		
20	QPSK	100	0	21.93	21.98	21.88		
20	16QAM	1	0	21.71	21.78	21.73	23	1
20	16QAM	1	49	21.86	21.94	21.83		
20	16QAM	1	99	21.79	21.89	21.81		
20	16QAM	50	0	20.96	21	20.94	22	2
20	16QAM	50	24	20.97	21	20.96		
20	16QAM	50	50	20.85	20.96	20.92		
20	16QAM	100	0	20.96	21	20.96		
20	64QAM	1	0	20.73	20.79	20.77	22	2
20	64QAM	1	49	20.92	20.96	20.89		
20	64QAM	1	99	20.91	20.94	20.86		
20	64QAM	50	0	19.86	19.95	19.9	21	3
20	64QAM	50	24	19.91	20.01	19.94		
20	64QAM	50	50	19.96	20	19.94		
20	64QAM	100	0	19.88	19.95	19.84		
20	256QAM	1	0	17.67	17.71	17.65	19	5
20	256QAM	1	49	17.55	17.61	17.53		
20	256QAM	1	99	17.58	17.6	17.57		
20	256QAM	50	0	17.59	17.69	17.59	19	5
20	256QAM	50	24	17.56	17.67	17.58		
20	256QAM	50	50	17.59	17.64	17.59		
20	256QAM	100	0	17.57	17.65	17.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.77	22.8	22.81	24	0
15	QPSK	1	37	22.69	22.82	22.67		
15	QPSK	1	74	22.71	22.69	22.69		
15	QPSK	36	0	21.9	21.94	21.87	23	1
15	QPSK	36	20	21.9	21.89	21.89		
15	QPSK	36	39	21.76	21.85	21.77		
15	QPSK	75	0	21.84	21.92	21.84		
15	16QAM	1	0	21.62	21.77	21.68	23	1
15	16QAM	1	37	21.78	21.92	21.79		
15	16QAM	1	74	21.72	21.82	21.71		
15	16QAM	36	0	20.95	20.99	20.87	22	2
15	16QAM	36	20	20.88	20.93	20.85		
15	16QAM	36	39	20.75	20.91	20.88		
15	16QAM	75	0	20.93	20.98	20.92		
15	64QAM	1	0	20.68	20.77	20.69	22	2
15	64QAM	1	37	20.84	20.94	20.79		
15	64QAM	1	74	20.88	20.91	20.83		
15	64QAM	36	0	19.82	19.93	19.84	21	3
15	64QAM	36	20	19.85	19.91	19.86		
15	64QAM	36	39	19.9	19.89	19.86		
15	64QAM	75	0	19.77	19.92	19.77		
15	256QAM	1	0	17.65	17.66	17.61	19	5
15	256QAM	1	37	17.46	17.53	17.52		
15	256QAM	1	74	17.5	17.54	17.51		
15	256QAM	36	0	17.53	17.61	17.58	19	5
15	256QAM	36	20	17.52	17.63	17.53		
15	256QAM	36	39	17.49	17.55	17.5		
15	256QAM	75	0	17.48	17.56	17.53		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.74	22.83	22.8	24	0
10	QPSK	1	25	22.75	22.76	22.68		
10	QPSK	1	49	22.64	22.76	22.69		
10	QPSK	25	0	21.94	21.96	21.9	23	1
10	QPSK	25	12	21.86	21.9	21.84		
10	QPSK	25	25	21.76	21.86	21.8		
10	QPSK	50	0	21.9	21.96	21.78		
10	16QAM	1	0	21.68	21.71	21.65	23	1
10	16QAM	1	25	21.79	21.9	21.75		
10	16QAM	1	49	21.71	21.85	21.73		
10	16QAM	25	0	20.94	20.98	20.88	22	2
10	16QAM	25	12	20.91	20.9	20.9		
10	16QAM	25	25	20.79	20.94	20.86		
10	16QAM	50	0	20.91	20.9	20.85		
10	64QAM	1	0	20.66	20.7	20.72	22	2
10	64QAM	1	25	20.9	20.88	20.83		
10	64QAM	1	49	20.89	20.91	20.84		
10	64QAM	25	0	19.76	19.91	19.8	21	3
10	64QAM	25	12	19.81	19.99	19.91		
10	64QAM	25	25	19.89	19.96	19.85		
10	64QAM	50	0	19.82	19.84	19.76		
10	256QAM	1	0	17.62	17.68	17.57	19	5
10	256QAM	1	25	17.46	17.53	17.45		
10	256QAM	1	49	17.48	17.59	17.51		
10	256QAM	25	0	17.57	17.61	17.55	19	5
10	256QAM	25	12	17.5	17.64	17.52		
10	256QAM	25	25	17.54	17.61	17.56		
10	256QAM	50	0	17.53	17.61	17.5		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.71	22.87	22.75	24	0
5	QPSK	1	12	22.75	22.8	22.71		
5	QPSK	1	24	22.64	22.76	22.73		
5	QPSK	12	0	21.93	21.98	21.88	23	1
5	QPSK	12	7	21.82	21.87	21.87		
5	QPSK	12	13	21.76	21.82	21.8		
5	QPSK	25	0	21.89	21.94	21.82		
5	16QAM	1	0	21.62	21.69	21.68	23	1
5	16QAM	1	12	21.79	21.87	21.76		
5	16QAM	1	24	21.7	21.87	21.74		
5	16QAM	12	0	20.9	20.92	20.93	22	2
5	16QAM	12	7	20.92	20.96	20.87		
5	16QAM	12	13	20.8	20.91	20.83		
5	16QAM	25	0	20.93	20.93	20.87		
5	64QAM	1	0	20.62	20.74	20.67	22	2
5	64QAM	1	12	20.88	20.92	20.86		
5	64QAM	1	24	20.87	20.86	20.78		
5	64QAM	12	0	19.78	19.85	19.85	21	3
5	64QAM	12	7	19.87	19.99	19.93		
5	64QAM	12	13	19.9	19.97	19.84		
5	64QAM	25	0	19.81	19.94	19.83		
5	256QAM	1	0	17.61	17.65	17.57	19	5
5	256QAM	1	12	17.51	17.57	17.47		
5	256QAM	1	24	17.55	17.58	17.49		
5	256QAM	12	0	17.56	17.63	17.58	19	5
5	256QAM	12	7	17.47	17.66	17.54		
5	256QAM	12	13	17.48	17.56	17.5		
5	256QAM	25	0	17.51	17.6	17.51		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.75	22.84	22.82	24	0
3	QPSK	1	8	22.73	22.74	22.68		
3	QPSK	1	14	22.64	22.77	22.69		
3	QPSK	8	0	21.91	21.95	21.85	23	1
3	QPSK	8	4	21.84	21.88	21.86		
3	QPSK	8	7	21.76	21.79	21.76		
3	QPSK	15	0	21.83	21.92	21.82		
3	16QAM	1	0	21.69	21.7	21.72	23	1
3	16QAM	1	8	21.82	21.9	21.79		
3	16QAM	1	14	21.77	21.84	21.8		
3	16QAM	8	0	20.86	20.95	20.84	22	2
3	16QAM	8	4	20.95	20.97	20.9		
3	16QAM	8	7	20.81	20.93	20.84		
3	16QAM	15	0	20.93	20.9	20.91		
3	64QAM	1	0	20.62	20.75	20.7	22	2
3	64QAM	1	8	20.87	20.94	20.79		
3	64QAM	1	14	20.83	20.85	20.83		
3	64QAM	8	0	19.81	19.93	19.84	21	3
3	64QAM	8	4	19.85	19.97	19.87		
3	64QAM	8	7	19.9	19.99	19.91		
3	64QAM	15	0	19.77	19.9	19.81		
3	256QAM	1	0	17.62	17.68	17.59	19	5
3	256QAM	1	8	17.5	17.51	17.49		
3	256QAM	1	14	17.56	17.49	17.56	19	5
3	256QAM	8	0	17.49	17.68	17.55		
3	256QAM	8	4	17.54	17.6	17.48		
3	256QAM	8	7	17.49	17.57	17.53		
3	256QAM	15	0	17.48	17.58	17.5		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.71	22.82	22.82	24	0
1.4	QPSK	1	3	22.7	22.84	22.72		
1.4	QPSK	1	5	22.65	22.73	22.67		
1.4	QPSK	3	0	22.69	22.87	22.74		
1.4	QPSK	3	1	22.69	22.78	22.72		
1.4	QPSK	3	3	22.62	22.75	22.75		
1.4	QPSK	6	0	21.92	21.95	21.8	23	1
1.4	16QAM	1	0	21.66	21.68	21.66	23	1
1.4	16QAM	1	3	21.81	21.87	21.79		
1.4	16QAM	1	5	21.7	21.83	21.72		
1.4	16QAM	3	0	21.65	21.67	21.7		
1.4	16QAM	3	1	21.77	21.85	21.72		
1.4	16QAM	3	3	21.71	21.81	21.78		
1.4	16QAM	6	0	20.94	20.97	20.93	22	2
1.4	64QAM	1	0	20.7	20.71	20.67	22	2
1.4	64QAM	1	3	20.9	20.85	20.81		
1.4	64QAM	1	5	20.85	20.9	20.75		
1.4	64QAM	3	0	20.62	20.69	20.72		
1.4	64QAM	3	1	20.84	20.91	20.83		
1.4	64QAM	3	3	20.89	20.93	20.84		
1.4	64QAM	6	0	19.8	19.92	19.79	21	3
1.4	256QAM	1	0	17.63	17.67	17.59	19	5
1.4	256QAM	1	3	17.48	17.53	17.47		
1.4	256QAM	1	5	17.54	17.5	17.48		
1.4	256QAM	3	0	17.56	17.62	17.5		
1.4	256QAM	3	1	17.46	17.65	17.5		
1.4	256QAM	3	3	17.52	17.54	17.57		
1.4	256QAM	6	0	17.46	17.63	17.55	19	5

Band 7 Ant0 Main PA DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.18	23.23	23.13	24.5	0
20	QPSK	1	49	23.13	23.15	23.04		
20	QPSK	1	99	23.18	23.19	23.11		
20	QPSK	50	0	22.09	22.29	22.09	23.5	1
20	QPSK	50	24	22.15	22.19	22.12		
20	QPSK	50	50	22.1	22.15	22.06		
20	QPSK	100	0	22.07	22.11	22.08		
20	16QAM	1	0	22.16	22.2	22.2	23.5	1
20	16QAM	1	49	22.08	22.23	22.11		
20	16QAM	1	99	22.07	22.39	22.1		
20	16QAM	50	0	21.46	21.49	21.38	22.5	2
20	16QAM	50	24	21.37	21.43	21.41		
20	16QAM	50	50	21.38	21.48	21.46		
20	16QAM	100	0	21.45	21.5	21.42		
20	64QAM	1	0	21.49	21.53	21.47	22.5	2
20	64QAM	1	49	21.33	21.43	21.35		
20	64QAM	1	99	21.38	21.48	21.42		
20	64QAM	50	0	20.49	20.54	20.49	21.5	3
20	64QAM	50	24	20.52	20.57	20.53		
20	64QAM	50	50	20.46	20.52	20.48		
20	64QAM	100	0	20.43	20.52	20.45		
20	256QAM	1	0	18.16	18.19	18.12	19.5	5
20	256QAM	1	49	18.13	18.18	18.14		
20	256QAM	1	99	18.01	18.11	18.09		
20	256QAM	50	0	18.16	18.2	18.11	19.5	5
20	256QAM	50	24	18.19	18.2	18.17		
20	256QAM	50	50	18.17	18.19	18.15		
20	256QAM	100	0	18.2	18.22	18.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.11	23.14	23.1	24.5	0
15	QPSK	1	37	23.09	23.07	23.02		
15	QPSK	1	74	23.13	23.09	23.01		
15	QPSK	36	0	22.11	22.12	22.07	23.5	1
15	QPSK	36	20	22.03	22.09	22.07		
15	QPSK	36	39	22.03	22.05	22.1		
15	QPSK	75	0	22.02	22	22.06		
15	16QAM	1	0	22.07	22.12	22.11	23.5	1
15	16QAM	1	37	22.02	22.21	22.09		
15	16QAM	1	74	22.03	22.34	22.05		
15	16QAM	36	0	21.42	21.45	21.35	22.5	2
15	16QAM	36	20	21.32	21.42	21.32		
15	16QAM	36	39	21.28	21.47	21.37		
15	16QAM	75	0	21.36	21.43	21.33		
15	64QAM	1	0	21.4	21.44	21.39	22.5	2
15	64QAM	1	37	21.28	21.4	21.31		
15	64QAM	1	74	21.29	21.39	21.38		
15	64QAM	36	0	20.46	20.49	20.47	21.5	3
15	64QAM	36	20	20.47	20.54	20.51		
15	64QAM	36	39	20.39	20.51	20.46		
15	64QAM	75	0	20.33	20.46	20.43		
15	256QAM	1	0	18.13	18.17	18.05	19.5	5
15	256QAM	1	37	18.03	18.16	18.04		
15	256QAM	1	74	18.13	18.05	18.02		
15	256QAM	36	0	18.09	18.15	18.01	19.5	5
15	256QAM	36	20	18.16	18.15	18.11		
15	256QAM	36	39	18.08	18.13	18.09		
15	256QAM	75	0	18.16	18.18	18.04		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.15	23.17	23.06	24.5	0
10	QPSK	1	25	23.06	23.05	23.03		
10	QPSK	1	49	23.17	23.09	23.07		
10	QPSK	25	0	22.09	22.11	22.09	23.5	1
10	QPSK	25	12	22.08	22.05	22.05		
10	QPSK	25	25	22.05	22.13	22.05		
10	QPSK	50	0	22.03	22.09	22.02		
10	16QAM	1	0	22.05	22.14	22.16	23.5	1
10	16QAM	1	25	22.06	22.18	22.02		
10	16QAM	1	49	22.06	22.34	22.02		
10	16QAM	25	0	21.36	21.44	21.28	22.5	2
10	16QAM	25	12	21.29	21.33	21.34		
10	16QAM	25	25	21.3	21.41	21.36		
10	16QAM	50	0	21.41	21.48	21.35		
10	64QAM	1	0	21.43	21.44	21.42	22.5	2
10	64QAM	1	25	21.24	21.33	21.24		
10	64QAM	1	49	21.3	21.47	21.34		
10	64QAM	25	0	20.48	20.51	20.44	21.5	3
10	64QAM	25	12	20.48	20.56	20.51		
10	64QAM	25	25	20.38	20.47	20.47		
10	64QAM	50	0	20.39	20.43	20.44		
10	256QAM	1	0	18.12	18.15	18.06	19.5	5
10	256QAM	1	25	18.06	18.13	18.07		
10	256QAM	1	49	18.13	18.08	18.01		
10	256QAM	25	0	18.07	18.12	18.07	19.5	5
10	256QAM	25	12	18.16	18.19	18.13		
10	256QAM	25	25	18.08	18.18	18.14		
10	256QAM	50	0	18.16	18.2	18.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.1	23.1	23.09	24.5	0
5	QPSK	1	12	23.06	23.1	23.03		
5	QPSK	1	24	23.14	23.18	23.04		
5	QPSK	12	0	22.11	22.13	22.03	23.5	1
5	QPSK	12	7	22.01	22.05	22.03		
5	QPSK	12	13	22.06	22.1	22.01		
5	QPSK	25	0	22.05	22.01	22.05		
5	16QAM	1	0	22.12	22.15	22.13	23.5	1
5	16QAM	1	12	22.03	22.16	22.06		
5	16QAM	1	24	22.08	22.33	22.07		
5	16QAM	12	0	21.45	21.44	21.32	22.5	2
5	16QAM	12	7	21.32	21.34	21.39		
5	16QAM	12	13	21.35	21.44	21.44		
5	16QAM	25	0	21.37	21.4	21.34		
5	64QAM	1	0	21.41	21.46	21.39	22.5	2
5	64QAM	1	12	21.27	21.42	21.27		
5	64QAM	1	24	21.33	21.38	21.4		
5	64QAM	12	0	20.43	20.45	20.46	21.5	3
5	64QAM	12	7	20.49	20.52	20.43		
5	64QAM	12	13	20.4	20.5	20.42		
5	64QAM	25	0	20.35	20.46	20.35		
5	256QAM	1	0	18.14	18.14	18.11	19.5	5
5	256QAM	1	12	18.07	18.08	18.07		
5	256QAM	1	24	18	18.02	18.01		
5	256QAM	12	0	18.08	18.15	18.01	19.5	5
5	256QAM	12	7	18.12	18.1	18.13		
5	256QAM	12	13	18.06	18.16	18.05		
5	256QAM	25	0	18.11	18.13	18.11		

Band 66 Ant0 Other PA DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	25.21	25.22	25.16	25.7	0
20	QPSK	1	49	25.1	25.13	25.09		
20	QPSK	1	99	25.12	25.15	25.08		
20	QPSK	50	0	23.94	24.29	24.01	24.7	1
20	QPSK	50	24	24.16	24.19	24.1		
20	QPSK	50	50	24.04	24.05	24.03		
20	QPSK	100	0	24.12	24.18	24.07		
20	16QAM	1	0	24.05	24.14	24.07	24.7	1
20	16QAM	1	49	24.01	24.1	24.09		
20	16QAM	1	99	24.04	24.11	24.05		
20	16QAM	50	0	23.09	23.13	23.11	23.7	2
20	16QAM	50	24	23.05	23.14	23.07		
20	16QAM	50	50	23.08	23.14	23.12		
20	16QAM	100	0	23.08	23.14	23.11		
20	64QAM	1	0	23.13	23.2	23.14	23.7	2
20	64QAM	1	49	23.15	23.19	23.1		
20	64QAM	1	99	23.1	23.19	23.14		
20	64QAM	50	0	22.11	22.14	22.1	22.7	3
20	64QAM	50	24	22.13	22.22	22.13		
20	64QAM	50	50	22.17	22.2	22.17		
20	64QAM	100	0	22.07	22.15	22.04		
20	256QAM	1	0	20.15	20.21	20.12	20.7	5
20	256QAM	1	49	20.1	20.21	20.12		
20	256QAM	1	99	20.08	20.19	20.09		
20	256QAM	50	0	20.13	20.18	20.13	20.7	5
20	256QAM	50	24	20.14	20.21	20.19		
20	256QAM	50	50	20.14	20.16	20.15		
20	256QAM	100	0	20.03	20.14	20.1		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	25.12	25.12	25.13	25.7	0
15	QPSK	1	37	25.06	25.03	25.07		
15	QPSK	1	74	25.1	25.12	25.03		
15	QPSK	36	0	24.12	24.1	24.04	24.7	1
15	QPSK	36	20	23.85	24.01	23.91		
15	QPSK	36	39	23.99	24.01	23.94		
15	QPSK	75	0	24.07	24.15	24.04		
15	16QAM	1	0	24.02	24.09	24.05	24.7	1
15	16QAM	1	37	23.98	24.02	24.07		
15	16QAM	1	74	23.94	24.06	23.98		
15	16QAM	36	0	23.03	23.04	23.09	23.7	2
15	16QAM	36	20	22.98	23.13	22.98		
15	16QAM	36	39	22.98	23.04	23.09		
15	16QAM	75	0	22.98	23.11	23.07		
15	64QAM	1	0	23.02	23.13	23.11	23.7	2
15	64QAM	1	37	23.06	23.1	23.02		
15	64QAM	1	74	23.07	23.11	23.13		
15	64QAM	36	0	22.07	22.05	22	22.7	3
15	64QAM	36	20	22.11	22.18	22.03		
15	64QAM	36	39	22.07	22.13	22.09		
15	64QAM	75	0	22	22.11	22.03		
15	256QAM	1	0	20.05	20.14	20.07	20.7	5
15	256QAM	1	37	20	20.16	20.1		
15	256QAM	1	74	20.01	20.13	20.03		
15	256QAM	36	0	20.11	20.16	20.08	20.7	5
15	256QAM	36	20	20.12	20.19	20.12		
15	256QAM	36	39	20.06	20.09	20.09		
15	256QAM	75	0	19.93	20.1	20.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	25.2	25.2	25.15	25.7	0
10	QPSK	1	25	25.03	25.05	25.02		
10	QPSK	1	49	25.08	25.13	25.03		
10	QPSK	25	0	24.11	24.18	24.01	24.7	1
10	QPSK	25	12	23.85	23.99	23.9		
10	QPSK	25	25	23.95	23.94	23.98		
10	QPSK	50	0	24.1	24.11	23.98		
10	16QAM	1	0	23.95	24.05	23.97	24.7	1
10	16QAM	1	25	23.99	24.01	24		
10	16QAM	1	49	24.01	24.08	23.99		
10	16QAM	25	0	23	23.09	23.1	23.7	2
10	16QAM	25	12	22.95	23.09	23		
10	16QAM	25	25	23.03	23.05	23.01

Band 38 Ant0 Main PA DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	23.21	23.29	23.15	24	0
20	QPSK	1	49	23.02	23.09	22.99		
20	QPSK	1	99	23.08	23.15	23.04		
20	QPSK	50	0	22.69	22.45	22.16	23	1
20	QPSK	50	24	22.29	22.40	22.33		
20	QPSK	50	50	22.14	22.21	22.10		
20	QPSK	100	0	22.31	22.35	22.26		
20	16QAM	1	0	22.17	22.20	22.16	23	1
20	16QAM	1	49	22.09	22.17	22.13		
20	16QAM	1	99	22.09	22.16	22.13		
20	16QAM	50	0	21.18	21.20	21.13	22	2
20	16QAM	50	24	21.17	21.24	21.14		
20	16QAM	50	50	21.06	21.16	21.12		
20	16QAM	100	0	21.10	21.20	21.13		
20	64QAM	1	0	21.28	21.30	21.23	22	2
20	64QAM	1	49	21.15	21.21	21.19		
20	64QAM	1	99	21.18	21.24	21.23		
20	64QAM	50	0	20.13	20.16	20.07	21	3
20	64QAM	50	24	20.14	20.19	20.12		
20	64QAM	50	50	20.13	20.23	20.13		
20	64QAM	100	0	20.12	20.21	20.18		
20	256QAM	1	0	17.94	18.01	17.94	19	5
20	256QAM	1	49	17.83	17.93	17.89		
20	256QAM	1	99	17.91	17.94	17.88		
20	256QAM	50	0	17.93	17.97	17.94	19	5
20	256QAM	50	24	17.89	17.98	17.92		
20	256QAM	50	50	17.93	17.99	17.97		
20	256QAM	100	0	17.89	17.96	17.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.21	23.07	23.02	24	0
15	QPSK	1	37	22.95	22.97	23.00		
15	QPSK	1	74	22.94	23.03	22.98		
15	QPSK	36	0	22.12	22.32	22.20	23	1
15	QPSK	36	20	22.02	22.46	22.12		
15	QPSK	36	39	22.11	22.16	21.94		
15	QPSK	75	0	22.19	22.19	22.20		
15	16QAM	1	0	22.09	21.99	21.95	23	1
15	16QAM	1	37	22.11	22.11	22.01		
15	16QAM	1	74	22.07	22.01	21.92		
15	16QAM	36	0	21.18	20.99	21.09	22	2
15	16QAM	36	20	21.01	21.25	20.99		
15	16QAM	36	39	20.90	20.99	21.10		
15	16QAM	75	0	20.95	21.04	20.99		
15	64QAM	1	0	21.25	21.24	21.05	22	2
15	64QAM	1	37	21.09	21.15	21.18		
15	64QAM	1	74	20.97	21.12	21.21		
15	64QAM	36	0	19.92	19.96	20.03	21	3
15	64QAM	36	20	20.05	20.15	19.99		
15	64QAM	36	39	19.95	20.14	20.03		
15	64QAM	75	0	20.05	20.00	20.03		
15	256QAM	1	0	17.95	17.94	17.79	19	5
15	256QAM	1	37	17.85	17.93	17.69		
15	256QAM	1	74	17.70	17.89	17.87		
15	256QAM	36	0	17.86	17.77	17.94	19	5
15	256QAM	36	20	17.80	17.79	17.89		
15	256QAM	36	39	17.86	18.00	17.91		
15	256QAM	75	0	17.85	17.85	17.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.09	23.21	23.12	24	0
10	QPSK	1	25	22.82	22.87	22.64		
10	QPSK	1	49	22.93	23.00	23.00		
10	QPSK	25	0	22.30	22.21	22.16	23	1
10	QPSK	25	12	21.98	22.38	22.10		
10	QPSK	25	25	22.14	22.12	22.12		
10	QPSK	50	0	22.28	22.16	22.12		
10	16QAM	1	0	22.10	22.10	22.04	23	1
10	16QAM	1	25	21.95	22.13	22.04		
10	16QAM	1	49	21.99	22.14	21.96		
10	16QAM	25	0	21.16	21.18	21.15	22	2
10	16QAM	25	12	20.99	21.17	20.94		
10	16QAM	25	25	20.98	20.99	21.03		
10	16QAM	50	0	20.96	20.99	21.11		
10	64QAM	1	0	21.25	21.21	21.16	22	2
10	64QAM	1	25	21.07	21.16	21.14		
10	64QAM	1	49	21.06	21.05	21.11		
10	64QAM	25	0	20.10	20.15	19.94	21	3
10	64QAM	25	12	20.08	20.16	19.94		
10	64QAM	25	25	19.93	20.11	20.01		
10	64QAM	50	0	20.07	20.19	20.10		
10	256QAM	1	0	17.94	18.02	17.82	19	5
10	256QAM	1	25	17.83	17.85	17.69		
10	256QAM	1	49	17.76	17.75	17.73		
10	256QAM	25	0	17.77	17.87	17.76	19	5
10	256QAM	25	12	17.71	17.87	17.87		
10	256QAM	25	25	17.83	17.90	17.92		
10	256QAM	50	0	17.68	17.92	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.09	23.13	23.15	24	0
5	QPSK	1	12	23.02	22.99	22.87		
5	QPSK	1	24	22.89	23.17	22.85		
5	QPSK	12	0	22.25	22.31	22.11	23	1
5	QPSK	12	7	21.89	22.41	22.01		
5	QPSK	12	13	21.97	22.11	22.12		
5	QPSK	25	0	22.12	22.21	22.19		
5	16QAM	1	0	22.13	22.20	22.00	23	1
5	16QAM	1	12	21.97	22.07	22.13		
5	16QAM	1	24	22.05	22.17	21.98		
5	16QAM	12	0	20.96	20.99	21.08	22	2
5	16QAM	12	7	20.96	21.25	21.10		
5	16QAM	12	13	21.00	21.08	20.92		
5	16QAM	25	0	20.99	21.04	21.04		
5	64QAM	1	0	21.22	21.21	21.20	22	2
5	64QAM	1	12	20.95	21.17	21.03		
5	64QAM	1	24	21.12	21.16	21.22		
5	64QAM	12	0	19.99	20.08	19.97	21	3
5	64QAM	12	7	20.15	20.15	20.04		
5	64QAM	12	13	20.08	20.24	19.93		
5	64QAM	25	0	20.10	20.20	19.99		
5	256QAM	1	0	17.89	17.97	17.94	19	5
5	256QAM	1	12	17.80	17.81	17.81		
5	256QAM	1	24	17.87	17.78	17.83		
5	256QAM	12	0	17.79	17.84	17.85	19	5
5	256QAM	12	7	17.77	17.83	17.75		
5	256QAM	12	13	17.83	17.85	17.96		
5	256QAM	25	0	17.79	17.79	17.87		

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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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	23.15	23.05	23.17	23.01	23.08	24	0
20	QPSK	1	49	22.99	22.97	23.05	23.02	22.99		
20	QPSK	1	99	22.98	22.96	23.01	22.93	22.95		
20	QPSK	50	0	22.22	22.26	22.39	22.21	22.30	23	1
20	QPSK	50	24	22.34	22.33	22.35	22.27	22.29		
20	QPSK	50	50	22.11	22.05	22.15	22.10	22.06		
20	QPSK	100	0	22.00	22.20	22.25	22.19	22.18		
20	16QAM	1	0	21.97	21.97	22.08	22.02	22.01	23	1
20	16QAM	1	49	21.94	22.00	22.03	21.96	22.00		
20	16QAM	1	99	22.01	21.95	22.05	21.98	22.01		
20	16QAM	50	0	21.00	21.01	21.04	21.00	20.99	22	2
20	16QAM	50	24	21.00	21.00	21.10	21.05	21.02		
20	16QAM	50	50	21.09	20.99	21.10	21.00	21.02		
20	16QAM	100	0	21.00	20.96	21.06	21.02	21.00		
20	64QAM	1	0	21.21	21.14	21.23	21.16	21.13	22	2
20	64QAM	1	49	21.09	21.08	21.12	21.05	21.07		
20	64QAM	1	99	21.01	21.07	21.11	21.06	21.04		
20	64QAM	50	0	20.01	20.02	20.08	20.00	19.99	21	3
20	64QAM	50	24	20.09	20.09	20.12	20.09	20.04		
20	64QAM	50	50	19.99	20.03	20.06	19.95	20.04		
20	64QAM	100	0	19.97	20.00	20.06	19.97	20.00		
20	256QAM	1	0	17.91	17.90	17.99	17.88	17.94	19	5
20	256QAM	1	49	17.87	17.85	17.88	17.86	17.79		
20	256QAM	1	99	17.85	17.79	17.86	17.79	17.82		
20	256QAM	50	0	17.86	17.85	17.89	17.83	17.87	19	5
20	256QAM	50	24	17.89	17.90	17.94	17.88	17.89		
20	256QAM	50	50	17.88	17.92	17.95	17.90	17.88		
20	256QAM	100	0	17.88	17.96	17.97	17.89	17.88		
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	23.07	22.94	22.99	22.84	22.98	24	0
15	QPSK	1	37	22.94	22.93	22.97	22.96	23.01		
15	QPSK	1	74	22.85	22.77	22.90	22.89	22.85		
15	QPSK	36	0	22.13	22.13	22.35	22.24	22.17	23	1
15	QPSK	36	20	22.11	22.12	22.21	22.05	22.27		
15	QPSK	36	39	22.05	21.96	22.12	22.06	21.97		
15	QPSK	75	0	22.18	22.10	22.22	21.99	22.16		
15	16QAM	1	0	21.95	21.90	21.89	22.02	22.01	23	1
15	16QAM	1	37	21.87	21.80	21.85	21.82	21.97		
15	16QAM	1	74	22.01	21.81	22.04	21.79	21.85		
15	16QAM	36	0	20.94	20.95	21.05	20.98	20.90	22	2
15	16QAM	36	20	20.93	20.99	21.02	20.89	21.03		
15	16QAM	36	39	21.02	21.00	21.01	20.91	20.86		
15	16QAM	75	0	20.89	20.95	21.05	20.84	20.80		
15	64QAM	1	0	21.17	21.12	21.18	20.99	21.00	22	2
15	64QAM	1	37	20.88	20.92	20.96	20.88	20.91		
15	64QAM	1	74	20.80	20.91	20.94	20.95	20.86		
15	64QAM	36	0	19.87	20.01	20.01	19.91	19.84	21	3
15	64QAM	36	20	19.92	19.99	19.96	20.11	19.89		
15	64QAM	36	39	19.98	20.04	20.08	19.80	19.86		
15	64QAM	75	0	19.77	19.86	19.87	19.92	19.90		
15	256QAM	1	0	17.70	17.85	17.99	17.70	17.88	19	5
15	256QAM	1	37	17.75	17.85	17.88	17.79	17.69		
15	256QAM	1	74	17.81	17.59	17.79	17.61	17.66		
15	256QAM	36	0	17.74	17.82	17.89	17.72	17.77	19	5
15	256QAM	36	20	17.87	17.82	17.91	17.74	17.84		
15	256QAM	36	39	17.86	17.73	17.80	17.77	17.75		
15	256QAM	75	0	17.66	17.78	17.76	17.90	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.09	22.93	23.10	22.85	22.98	24	0
10	QPSK	1	25	22.79	22.86	23.01	23.01	22.79		
10	QPSK	1	49	22.94	22.93	23.02	22.88	22.79		
10	QPSK	25	0	22.16	22.16	22.20	22.28	22.20	23	1
10	QPSK	25	12	22.20	22.15	22.37	22.20	22.16		
10	QPSK	25	25	22.02	21.85	21.93	21.93	22.02		
10	QPSK	50	0	22.15	22.22	22.08	22.03	21.96		
10	16QAM	1	0	21.77	21.97	22.04	21.88	21.85	23	1
10	16QAM	1	25	21.84	21.81	21.87	21.80	22.02		
10	16QAM	1	49	21.88	21.95	22.05	21.97	21.97		
10	16QAM	25	0	20.96	20.98	20.95	20.89	20.84	22	2
10	16QAM	25	12	20.98	20.95	21.10	21.02	21.01		
10	16QAM	25	25	20.97	20.82	20.99	20.90	20.87		
10	16QAM	50	0	20.97	20.82	21.08	20.84	21.01		
10	64QAM	1	0	21.19	20.95	21.10	21.04	20.97	22	2
10	64QAM	1	25	20.87	20.96	20.95	20.84	20.91		
10	64QAM	1	49	20.81	21.06	21.10	21.06	20.98		
10	64QAM	25	0	20.00	19.95	20.01	19.88	19.77	21	3
10	64QAM	25	12	20.06	20.11	19.93	19.89	20.00		
10	64QAM	25	25	19.83	19.97	19.85	19.94	19.91		
10	64QAM	50	0	19.96	19.82	19.94	19.81	19.96		
10	256QAM	1	0	17.75	17.80	17.90	17.73	17.75	19	5
10	256QAM	1	25	17.70	17.76	17.87	17.72	17.73		
10	256QAM	1	49	17.72	17.70	17.84	17.76	17.60		
10	256QAM	25	0	17.74	17.71	17.70	17.80	17.89	19	5
10	256QAM	25	12	17.77	17.89	17.90	17.82	17.85		
10	256QAM	25	25	17.75	17.74	17.85	17.88	17.86		
10	256QAM	50	0	17.85	17.81	17.93	17.86	17.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	23.03	22.94	22.95	22.80	23.05	24	0
5	QPSK	1	12	22.78	22.80	22.84	22.98	22.99		
5	QPSK	1	24	22.90	22.90	22.99	22.73	22.84		
5	QPSK	12	0	22.27	22.29	22.30	22.16	22.28	23	1
5	QPSK	12	7	22.03	22.20	22.19	22.10	22.31		
5	QPSK	12	13	21.96	21.88	22.10	21.91	21.92		
5	QPSK	25	0	22.06	22.07	21.99	21.99	22.18		
5	16QAM	1	0	21.77	21.88	21.87	21.98	21.94	23	1
5	16QAM	1	12	21.87	21.86	21.84	21.96	21.85		
5	16QAM	1	24	21.93	21.76	22.03	21.77	21.85		
5	16QAM	12	0	20.87	20.93	21.00	20.98	20.91	22	2
5	16QAM	12	7	20.81	20.81	20.92	20.88	20.97		
5	16QAM	12	13	20.92	21.01	21.04	20.99	21.00		
5	16QAM	25	0	20.88	20.81	20.86	20.99	20.83		
5	64QAM	1	0	21.03	21.12	21.11	21.00	20.96	22	2
5	64QAM	1	12	20.93	21.06	20.95	21.06	20.99		
5	64QAM	1	24	20.81	20.95	20.92	20.96	20.90		
5	64QAM	12	0	19.97	19.90	20.08	20.00	19.89	21	3
5	64QAM	12	7	19.90	19.95	20.08	20.06	19.83		
5	64QAM	12	13	19.87	19.85	20.04	19.77	20.00		
5	64QAM	25	0	19.95	19.82	19.91	19.88	19.96		
5	256QAM	1	0	17.71	17.82	17.87	17.86	17.82	19	5
5	256QAM	1	12	17.81	17.84	17.73	17.70	17.68		
5	256QAM	1	24	17.70	17.58	17.87	17.62	17.65		
5	256QAM	12	0	17.65	17.70	17.86	17.79	17.80	19	5
5	256QAM	12	7	17.80	17.74	17.84	17.73	17.68		
5	256QAM	12	13	17.72	17.91	17.81	17.68	17.84		
5	256QAM	25	0	17.81	17.78	17.85	17.82	17.80		

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BW [MHz]	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	17.35	17.61	17.40		
20	QPSK	1	49	17.43	17.57	17.38	19	0
20	QPSK	1	99	17.41	17.45	17.47		
20	QPSK	50	0	17.49	17.57	17.38		
20	QPSK	50	24	17.46	17.48	17.38	19	0
20	QPSK	50	50	17.34	17.44	17.34		
20	QPSK	100	0	17.37	17.52	17.48		
20	16QAM	1	0	17.35	17.49	17.50		
20	16QAM	1	49	17.40	17.52	17.45	19	0
20	16QAM	1	99	17.42	17.44	17.35		
20	16QAM	50	0	17.37	17.42	17.46		
20	16QAM	50	24	17.42	17.43	17.45	19	0
20	16QAM	50	50	17.30	17.56	17.35		
20	16QAM	100	0	17.41	17.40	17.38		
20	64QAM	1	0	17.48	17.55	17.51		
20	64QAM	1	49	17.48	17.42	17.39	19	0
20	64QAM	1	99	17.34	17.44	17.35		
20	64QAM	50	0	17.49	17.43	17.48		
20	64QAM	50	24	17.36	17.58	17.44	19	0
20	64QAM	50	50	17.43	17.50	17.36		
20	64QAM	100	0	17.32	17.46	17.45		
20	256QAM	1	0	17.50	17.59	17.50		
20	256QAM	1	49	17.47	17.57	17.56	19	0
20	256QAM	1	99	17.46	17.40	17.41		
20	256QAM	50	0	17.43	17.52	17.48		
20	256QAM	50	24	17.44	17.50	17.44	19	0
20	256QAM	50	50	17.48	17.56	17.46		
20	256QAM	100	0	17.53	17.58	17.54		
	Channel			20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	17.31	17.39	17.27		
15	QPSK	1	37	17.28	17.55	17.23	19	0
15	QPSK	1	74	17.38	17.39	17.30		
15	QPSK	36	0	17.42	17.42	17.26		
15	QPSK	36	20	17.45	17.46	17.20	19	0
15	QPSK	36	39	17.29	17.43	17.22		
15	QPSK	75	0	17.35	17.27	17.36		
15	16QAM	1	0	17.26	17.35	17.37		
15	16QAM	1	37	17.25	17.48	17.27	19	0
15	16QAM	1	74	17.30	17.38	17.17		
15	16QAM	36	0	17.23	17.40	17.43		
15	16QAM	36	20	17.38	17.28	17.40	19	0
15	16QAM	36	39	17.30	17.48	17.26		
15	16QAM	75	0	17.24	17.28	17.21		
15	64QAM	1	0	17.36	17.49	17.44		
15	64QAM	1	37	17.43	17.33	17.27	19	0
15	64QAM	1	74	17.35	17.34	17.26		
15	64QAM	36	0	17.30	17.26	17.39		
15	64QAM	36	20	17.31	17.47	17.41	19	0
15	64QAM	36	39	17.31	17.34	17.28		
15	64QAM	75	0	17.15	17.31	17.33		
15	256QAM	1	0	17.48	17.55	17.40		
15	256QAM	1	37	17.42	17.54	17.55	19	0
15	256QAM	1	74	17.36	17.39	17.32		
15	256QAM	36	0	17.37	17.46	17.38		
15	256QAM	36	20	17.38	17.43	17.43	19	0
15	256QAM	36	39	17.43	17.45	17.39		
15	256QAM	75	0	17.51	17.48	17.46		
	Channel			20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	17.29	17.28	17.38		
10	QPSK	1	25	17.35	17.41	17.27	19	0
10	QPSK	1	49	17.24	17.30	17.32		
10	QPSK	25	0	17.40	17.45	17.26		
10	QPSK	25	12	17.46	17.47	17.27	19	0
10	QPSK	25	25	17.33	17.41	17.29		
10	QPSK	50	0	17.28	17.36	17.33		
10	16QAM	1	0	17.18	17.31	17.36		
10	16QAM	1	25	17.22	17.48	17.34	19	0
10	16QAM	1	49	17.29	17.40	17.19		
10	16QAM	25	0	17.19	17.30	17.35		
10	16QAM	25	12	17.35	17.31	17.27	19	0
10	16QAM	25	25	17.30	17.41	17.23		
10	16QAM	50	0	17.39	17.34	17.36		
10	64QAM	1	0	17.46	17.40	17.33		
10	64QAM	1	25	17.30	17.32	17.21	19	0
10	64QAM	1	49	17.21	17.39	17.25		
10	64QAM	25	0	17.39	17.42	17.38		
10	64QAM	25	12	17.22	17.53	17.43	19	0
10	64QAM	25	25	17.27	17.39	17.26		
10	64QAM	50	0	17.20	17.30	17.35		
10	256QAM	1	0	17.46	17.54	17.45		
10	256QAM	1	25	17.44	17.48	17.47	19	0
10	256QAM	1	49	17.37	17.40	17.36		
10	256QAM	25	0	17.36	17.44	17.41		
10	256QAM	25	12	17.38	17.40	17.40	19	0
10	256QAM	25	25	17.41	17.47	17.40		
10	256QAM	50	0	17.43	17.51	17.51		
	Channel			19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1732.5	1752.5		
5	QPSK	1	0	17.22	17.25	17.38		
5	QPSK	1	12	17.31	17.40	17.24	19	0
5	QPSK	1	24	17.36	17.29	17.35		
5	QPSK	12	0	17.40	17.43	17.29		
5	QPSK	12	7	17.31	17.56	17.35	19	0
5	QPSK	12	13	17.15	17.41	17.28		
5	QPSK	25	0	17.28	17.26	17.37		
5	16QAM	1	0	17.22	17.39	17.39		
5	16QAM	1	12	17.38	17.50	17.43	19	0
5	16QAM	1	24	17.35	17.32	17.22		
5	16QAM	12	0	17.28	17.32	17.42		
5	16QAM	12	7	17.28	17.36	17.38	19	0
5	16QAM	12	13	17.35	17.52	17.27		
5	16QAM	25	0	17.23	17.24	17.27		
5	64QAM	1	0	17.42	17.41	17.44		
5	64QAM	1	12	17.38	17.32	17.25	19	0
5	64QAM	1	24	17.30	17.43	17.33		
5	64QAM	12	0	17.31	17.38	17.47		
5	64QAM	12	7	17.34	17.46	17.27	19	0
5	64QAM	12	13	17.41	17.49	17.28		
5	64QAM	25	0	17.28	17.37	17.38		
5	256QAM	1	0	17.44	17.56	17.48		
5	256QAM	1	12	17.44	17.49	17.48	19	0
5	256QAM	1	24	17.43	17.45	17.40		
5	256QAM	12	0	17.39	17.50	17.38		
5	256QAM	12	7	17.40	17.41	17.35	19	0
5	256QAM	12	13	17.41	17.48	17.41		
5	256QAM	25	0	17.51	17.51	17.52		
	Channel			19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	17.20	17.29	17.36		
3	QPSK	1	8	17.40	17.50	17.18	19	0
3	QPSK	1	14	17.40	17.33	17.33		
3	QPSK	8	0	17.42	17.40	17.30		
3	QPSK	8	4	17.41	17.45	17.21	19	0
3	QPSK	8	7	17.22	17.36	17.16		
3	QPSK	15	0	17.32	17.28	17.42		
3	16QAM	1	0	17.20	17.33	17.43		
3	16QAM	1	8	17.31	17.36	17.34	19	0
3	16QAM	1	14	17.37	17.37	17.28		
3	16QAM	8	0	17.22	17.27	17.30		
3	16QAM	8	4	17.30	17.30	17.27	19	0
3	16QAM	8	7	17.25	17.54	17.31		
3	16QAM	15	0	17.25	17.28	17.27		
3	64QAM	1	0	17.38	17.46	17.37		
3	64QAM	1	8	17.36	17.37	17.38	19	0
3	64QAM	1	14	17.36	17.38	17.18		
3	64QAM	8	0	17.31	17.33	17.40		
3	64QAM	8	4	17.25	17.49	17.28	19	0
3	64QAM	8	7	17.25	17.46	17.36		
3	64QAM	15	0	17.19	17.38	17.38		
3	256QAM	1	0	17.40	17.48	17.40		
3	256QAM	1	8	17.42	17.51	17.51	19	0
3	256QAM	1	14	17.40	17.46	17.36		
3	256QAM	8	0	17.41	17.47	17.45		
3	256QAM	8	4	17.42	17.46	17.40	19	0
3	256QAM	8	7	17.43	17.47	17.38		
3	256QAM	15	0	17.48	17.57	17.46		
	Channel			19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.28	17.25	17.30		
1.4	QPSK	1	3	17.38	17.50	17.21		
1.4	QPSK	1	5	17.40	17.33	17.42	19	0
1.4	QPSK	3	0	17.35	17.25	17.21		
1.4	QPSK	3	1	17.38	17.41	17.36		
1.4	QPSK	3	3	17.27	17.30	17.26		
1.4	QPSK	6	0	17.19	17.33	17.44	19	0
1.4	16QAM	1	0	17.29	17.41	17.45		
1.4	16QAM	1	3	17.26	17.40	17.42		
1.4	16QAM	1	5	17.29	17.40	17.29	19	0
1.4	16QAM	3	0	17.26	17.41	17.43		
1.4	16QAM	3	1	17.41	17.35	17.38		
1.4	16QAM	3	3	17.37	17.51	17.20		
1.4	16QAM	6	0	17.33	17.26	17.20	19	0
1.4	64QAM	1	0	17.42	17.52	17.41		
1.4	64QAM	1	3	17.43	17.37	17.37		
1.4	64QAM	1	5	17.22	17.33	17.16	19	0
1.4	64QAM	3	0	17.39	17.32	17.30		
1.4	64QAM	3	1	17.26	17.43	17.40		
1.4	64QAM	3	3	17.24	17.38	17.21		
1.4	64QAM	6	0	17.19	17.28	17.37	19	0
1.4	256QAM	1	0	17.41	17.57	17.40		
1.4	256QAM	1	3	17.43	17.53	17.46		
1.4	256QAM	1	5	17.39	17.44	17.38	19	0
1.4	256QAM	3	0	17.38	17.49	17.44		
1.4	256QAM	3	1	17.39	17.49	17.36		
1.4	256QAM	3	3	17.46	17.52	17.37		
1.4	256QAM	6	0	17.42	17.50	17.44	19	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20850	21100	21350		
	Frequency (MHz)			2510	2535	2560		
20	QPSK	1	0	17.16	17.35	17.10		
20	QPSK	1	49	17.20	17.26	17.23	18.5	0
20	QPSK	1	99	17.23	17.26	17.13		
20	QPSK	50	0	17.28	17.33	17.12		
20	QPSK	50	24	17.17	17.29	17.22	18.5	0
20	QPSK	50	50	17.29	17.20	17.20		
20	QPSK	100	0	17.25	17.26	17.21		
20	16QAM	1	0	17.20	17.27	17.07		
20	16QAM	1	49	17.30	17.27	17.13	18.5	0
20	16QAM	1	99	17.25	17.32	17.18		
20	16QAM	50	0	17.17	17.32	17.19		
20	16QAM	50	24	17.27	17.26	17.16	18.5	0
20	16QAM	50	50	17.28	17.30	17.23		
20	16QAM	100	0	17.32	17.26	17.18		
20	64QAM	1	0	17.16	17.17	17.12		
20	64QAM	1	49	17.31	17.27	17.10	18.5	0
20	64QAM	1	99	17.30	17.33	17.13		
20	64QAM	50	0	17.26	17.23	17.16		
20	64QAM	50	24	17.19	17.32	17.17	18.5	0
20	64QAM	50	50	17.21	17.28	17.21		
20	64QAM	100	0	17.23	17.26	17.23		
20	256QAM	1	0	17.23	17.23	17.17		
20	256QAM	1	49	17.23	17.26	17.07	18.5	0
20	256QAM	1	99	17.31	17.27	17.17		
20	256QAM	50	0	17.19	17.18	17.21		
20	256QAM	50	24	17.32	17.21	17.19	18.5	0
20	256QAM	50	50	17.18	17.31	17.12		
20	256QAM	100	0	17.26	17.22	17.07		
	Channel			20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2507.5	2535	2562.5		
15	QPSK	1	0	17.00	17.22	17.08		
15	QPSK	1	37	17.08	17.11	17.11	18.5	0
15	QPSK	1	74	17.18	17.11	17.02		
15	QPSK	36	0	17.15	17.23	17.08		
15	QPSK	36	20	17.11	17.28	17.04	18.5	0
15	QPSK	36	39	17.14	17.13	17.18		
15	QPSK	75	0	17.14	17.20	17.03		
15	16QAM	1	0	17.13	17.10	17.04		
15	16QAM	1	37	17.15	17.12	16.98	18.5	0
15	16QAM	1	74	17.17	17.25	17.11		
15	16QAM	36	0	17.06	17.24	17.09		
15	16QAM	36	20	17.14	17.20	17.11	18.5	0
15	16QAM	36	39	17.18	17.16	17.07		
15	16QAM	75	0	17.13	17.16	17.10		
15	64QAM	1	0	17.02	17.06	17.01		
15	64QAM	1	37	17.22	17.16	17.07	18.5	0
15	64QAM	1	74	17.22	17.24	16.99		
15	64QAM	36	0	17.13	17.00	17.03		
15	64QAM	36	20	17.03	17.16	17.08	18.5	0
15	64QAM	36	39	17.07	17.23	17.12		
15	64QAM	75	0	17.22	17.08	17.06		
15	256QAM	1	0	17.11	17.06	17.09		
15	256QAM	1	37	17.14	17.10	16.90	18.5	0
15	256QAM	1	74	17.22	17.21	17.02		
15	256QAM	36	0	17.01	17.11	17.18		
15	256QAM	36	20	17.16	17.11	17.10	18.5	0
15	256QAM	36	39	17.14	17.12	17.08		
15	256QAM	75	0	17.07	17.16	16.99		
	Channel			20600	21100	21400	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2505	2535	2565		
10	QPSK	1	0	17.09	17.23	16.92		
10	QPSK	1	25	17.18	17.23	17.04	18.5	0
10	QPSK	1	49	17.04	17.23	16.99		
10	QPSK	25	0	17.04	17.12	17.20		
10	QPSK	25	12	17.10	17.23	17.07	18.5	0
10	QPSK	25	25	17.25	17.10	17.18		
10	QPSK	50	0	17.11	17.16	17.10		
10	16QAM	1	0	17.18	17.10	16.95		
10	16QAM	1	25	17.27	17.13	17.00	18.5	0
10	16QAM	1	49	17.13	17.24	17.03		
10	16QAM	25	0	17.00	17.24	17.00		
10	16QAM	25	12	17.22	17.19	17.11	18.5	0
10	16QAM	25	25	17.20	17.19	17.08		
10	16QAM	50	0	17.17	17.11	17.12		
10	64QAM	1	0	17.00	17.01	17.01		
10	64QAM	1	25	17.26	17.24	16.98	18.5	0
10	64QAM	1	49	17.24	17.31	17.08		
10	64QAM	25	0	17.12	17.11	17.03		
10	64QAM	25	12	17.04	17.27	17.00	18.5	0
10	64QAM	25	25	17.09	17.24	17.11		
10	64QAM	50	0	17.22	17.15	17.09		
10	256QAM	1	0	17.07	17.21	17.04		
10	256QAM	1	25	17.09	17.19	17.00	18.5	0
10	256QAM	1	49	17.29	17.23	17.08		
10	256QAM	25	0	17.14	17.26	17.16		
10	256QAM	25	12	17.15	17.09	17.04	18.5	0
10	256QAM	25	25	17.13	17.25	17.00		
10	256QAM	50	0	17.09	17.04	16.98		
	Channel			20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2502.5	2535	2567.5		
5	QPSK	1	0	17.09	17.17	17.05		
5	QPSK	1	12	17.03	17.07	17.22	18.5	0
5	QPSK	1	24	17.11	17.21	16.95		
5	QPSK	12	0	17.06	17.23	17.09		
5	QPSK	12	7	17.13	17.24	17.10	18.5	0
5	QPSK	12	13	17.12	17.12	17.03		
5	QPSK	25	0	17.13	17.23	17.17		
5	16QAM	1	0	17.12	17.18	16.90		
5	16QAM	1	12	17.13	17.17	16.97	18.5	0
5	16QAM	1	24	17.18	17.16	17.04		
5	16QAM	12	0	16.99	17.26	17.16		
5	16QAM	12	7	17.25	17.11	17.09	18.5	0
5	16QAM	12	13	17.24	17.12	17.15		
5	16QAM	25	0	17.21	17.15	17.10		
5	64QAM	1	0	17.14	17.12	16.98		
5	64QAM	1	12	17.21	17.19	17.05	18.5	0
5	64QAM	1	24	17.22	17.22	17.06		
5	64QAM	12	0	17.25	17.16	17.02		
5	64QAM	12	7	17.00	17.17	17.10	18.5	0
5	64QAM	12	13	17.20	17.26	17.09		
5	64QAM	25	0	17.15	17.10	17.06		
5	256QAM	1	0	17.16	17.04	17.02		
5	256QAM	1	12	17.05	17.20	17.01	18.5	0
5	256QAM	1	24	17.15	17.13	17.16		
5	256QAM	12	0	17.13	17.00	17.03		
5	256QAM	12	7	17.30	17.03	17.12	18.5	0
5	256QAM	12	13	17.14	17.25	17.10		
5	256QAM	25	0	17.08	17.03	16.98		

Band 66 Ant1 Other PA DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			132072	132322	132572		
	Frequency (MHz)			1720	1745	1770		
20	QPSK	1	0	17.39	17.53	17.22		
20	QPSK	1	49	17.46	17.42	17.31	17.7	0
20	QPSK	1	99	17.35	17.45	17.27		
20	QPSK	50	0	17.38	17.43	17.31		
20	QPSK	50	24	17.35	17.36	17.27	17.7	0
20	QPSK	50	50	17.42	17.35	17.37		
20	QPSK	100	0	17.37	17.39	17.24		
20	16QAM	1	0	17.40	17.33	17.38		
20	16QAM	1	49	17.29	17.50	17.29	17.7	0
20	16QAM	1	99	17.42	17.43	17.31		
20	16QAM	50	0	17.33	17.49	17.33		
20	16QAM	50	24	17.38	17.34	17.32	17.7	0
20	16QAM	50	50	17.41	17.37	17.23		
20	16QAM	100	0	17.36	17.46	17.22		
20	64QAM	1	0	17.30	17.41	17.27		
20	64QAM	1	49	17.38	17.40	17.37	17.7	0
20	64QAM	1	99	17.33	17.32	17.28		
20	64QAM	50	0	17.42	17.34	17.28		
20	64QAM	50	24	17.37	17.34	17.29	17.7	0
20	64QAM	50	50	17.36	17.35	17.24		
20	64QAM	100	0	17.36	17.40	17.30		
20	256QAM	1	0	17.37	17.34	17.27		
20	256QAM	1	49	17.41	17.46	17.37	17.7	0
20	256QAM	1	99	17.42	17.35	17.36		
20	256QAM	50	0	17.45	17.45	17.26		
20	256QAM	50	24	17.31	17.38	17.31	17.7	0
20	256QAM	50	50	17.30	17.50	17.25		
20	256QAM	100	0	17.37	17.42	17.32		
	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	17.30	17.28	17.18		
15	QPSK	1	37	17.28	17.35	17.24	17.7	0
15	QPSK	1	74	17.30	17.36	17.22		
15	QPSK	36	0	17.28	17.30	17.18		
15	QPSK	36	20	17.24	17.33	17.16	17.7	0
15	QPSK	36	39	17.35	17.31	17.21		
15	QPSK	75	0	17.33	17.25	17.11		
15	16QAM	1	0	17.33	17.30	17.28		
15	16QAM	1	37	17.21	17.36	17.27	17.7	0
15	16QAM	1	74	17.36	17.37	17.29		
15	16QAM	36	0	17.27	17.42	17.14		
15	16QAM	36	20	17.31	17.28	17.21	17.7	0
15	16QAM	36	39	17.30	17.23	17.09		
15	16QAM	75	0	17.32	17.29	17.21		
15	64QAM	1	0	17.28	17.25	17.18		
15	64QAM	1	37	17.22	17.34	17.27	17.7	0
15	64QAM	1	74	17.17	17.25	17.13		
15	64QAM	36	0	17.34	17.19	17.16		
15	64QAM	36	20	17.26	17.30	17.22	17.7	0
15	64QAM	36	39	17.29	17.28	17.09		
15	64QAM	75	0	17.12	17.27	17.23		
15	256QAM	1	0	17.30	17.16	17.18		
15	256QAM	1	37	17.29	17.41	17.25	17.7	0
15	256QAM	1	74	17.39	17.27	17.32		
15	256QAM	36	0	17.28	17.41	17.08		
15	256QAM	36	20	17.18	17.24	17.25	17.7	0
15	256QAM	36	39	17.21	17.44	17.11		
15	256QAM	75	0	17.22	17.37	17.22		
	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1745	1775		
10	QPSK	1	0	17.28	17.33	17.12		
10	QPSK	1	25	17.39	17.38	17.17	17.7	0
10	QPSK	1	49	17.18	17.29	17.25		
10	QPSK	25	0	17.29	17.22	17.20		
10	QPSK	25	12	17.21	17.31	17.23	17.7	0
10	QPSK	25	25	17.30	17.34	17.34		
10	QPSK	50	0	17.29	17.32	17.12		
10	16QAM	1	0	17.27	17.23	17.33		
10	16QAM	1	25	17.27	17.38	17.12	17.7	0
10	16QAM	1	49	17.39	17.38	17.23		
10	16QAM	25	0	17.27	17.34	17.27		
10	16QAM	25	12	17.20	17.32	17.29	17.7	0
10	16QAM	25	25	17.27	17.

Band 38 Ant1 Main PA DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	16.98	17.31	17.00		
20	QPSK	1	49	17.07	17.11	16.93	18	0
20	QPSK	1	99	16.98	17.29	17.04		
20	QPSK	50	0	17.00	17.29	16.98		
20	QPSK	50	24	17.08	17.26	17.01	18	0
20	QPSK	50	50	17.10	17.21	17.01		
20	QPSK	100	0	17.08	17.18	16.97		
20	16QAM	1	0	17.11	17.20	16.93		
20	16QAM	1	49	17.01	17.28	17.03	18	0
20	16QAM	1	99	17.12	17.18	17.07		
20	16QAM	50	0	17.03	17.12	16.95		
20	16QAM	50	24	17.05	17.19	16.93	18	0
20	16QAM	50	50	17.09	17.21	17.01		
20	16QAM	100	0	17.01	17.19	17.01		
20	64QAM	1	0	17.09	17.12	16.98		
20	64QAM	1	49	17.12	17.11	17.06	18	0
20	64QAM	1	99	17.12	17.16	16.99		
20	64QAM	50	0	17.11	17.29	17.06		
20	64QAM	50	24	17.12	17.28	17.02	18	0
20	64QAM	50	50	17.07	17.16	17.05		
20	64QAM	100	0	17.13	17.12	17.04		
20	256QAM	1	0	17.09	17.14	17.03		
20	256QAM	1	49	17.01	17.17	16.93	18	0
20	256QAM	1	99	17.09	17.13	17.09		
20	256QAM	50	0	17.09	17.29	17.06		
20	256QAM	50	24	17.05	17.28	17.09	18	0
20	256QAM	50	50	17.00	17.17	16.98		
20	256QAM	100	0	16.99	17.21	17.06		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2612.5		
15	QPSK	1	0	16.97	17.06	16.87	18	0
15	QPSK	1	37	16.88	17.08	16.76		
15	QPSK	1	74	16.92	17.17	16.90		
15	QPSK	36	0	17.02	17.08	16.90	18	0
15	QPSK	36	20	16.99	17.11	16.87		
15	QPSK	36	39	16.99	17.03	16.84		
15	QPSK	75	0	16.95	17.09	16.95		
15	16QAM	1	0	17.09	17.10	16.83	18	0
15	16QAM	1	37	16.99	17.16	16.97		
15	16QAM	1	74	16.95	17.05	17.03		
15	16QAM	36	0	16.98	17.00	16.87		
15	16QAM	36	20	17.00	17.17	16.81	18	0
15	16QAM	36	39	16.92	17.09	16.83		
15	16QAM	75	0	16.88	17.04	16.94		
15	64QAM	1	0	16.91	17.05	16.95		
15	64QAM	1	37	16.99	17.01	16.88	18	0
15	64QAM	1	74	16.96	17.12	16.88		
15	64QAM	36	0	17.00	17.26	17.05		
15	64QAM	36	20	17.05	17.16	16.84	18	0
15	64QAM	36	39	16.98	16.99	17.02		
15	64QAM	75	0	16.98	17.08	16.94		
15	256QAM	1	0	17.00	17.10	16.89		
15	256QAM	1	37	16.93	17.04	16.77	18	0
15	256QAM	1	74	16.91	17.00	17.05		
15	256QAM	36	0	17.04	17.28	16.88		
15	256QAM	36	20	16.89	17.23	16.96	18	0
15	256QAM	36	39	16.82	17.03	16.89		
15	256QAM	75	0	16.84	17.04	16.93		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.92	17.10	16.94	18	0
10	QPSK	1	25	16.88	17.02	16.79		
10	QPSK	1	49	16.93	17.27	16.86		
10	QPSK	25	0	17.01	17.12	16.85		
10	QPSK	25	12	16.95	17.11	16.87	18	0
10	QPSK	25	25	16.93	17.03	16.86		
10	QPSK	50	0	17.02	17.11	16.87		
10	16QAM	1	0	16.94	17.07	16.88		
10	16QAM	1	25	16.95	17.23	16.99	18	0
10	16QAM	1	49	17.03	17.17	16.96		
10	16QAM	25	0	16.86	17.00	16.90		
10	16QAM	25	12	16.87	17.08	16.91	18	0
10	16QAM	25	25	16.91	17.12	16.89		
10	16QAM	50	0	16.93	17.17	16.90		
10	64QAM	1	0	17.07	17.01	16.80		
10	64QAM	1	25	17.08	16.95	16.93	18	0
10	64QAM	1	49	17.10	17.04	16.85		
10	64QAM	25	0	17.02	17.22	16.96		
10	64QAM	25	12	16.94	17.21	16.91	18	0
10	64QAM	25	25	17.01	17.10	16.88		
10	64QAM	50	0	16.96	17.08	16.93		
10	256QAM	1	0	16.99	17.11	16.86		
10	256QAM	1	25	16.98	16.99	16.87	18	0
10	256QAM	1	49	17.05	17.09	16.98		
10	256QAM	25	0	16.96	17.25	17.03		
10	256QAM	25	12	16.94	17.14	16.93	18	0
10	256QAM	25	25	16.88	17.01	16.97		
10	256QAM	50	0	16.88	17.16	16.90		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.91	17.00	16.96	18	0
5	QPSK	1	12	17.06	17.03	16.82		
5	QPSK	1	24	16.82	17.23	16.90		
5	QPSK	12	0	17.04	17.21	16.98		
5	QPSK	12	7	16.87	17.06	16.96	18	0
5	QPSK	12	13	16.97	17.11	16.85		
5	QPSK	25	0	17.02	17.11	16.83		
5	16QAM	1	0	17.05	17.19	16.82		
5	16QAM	1	12	16.92	17.26	16.88	18	0
5	16QAM	1	24	17.04	17.05	17.03		
5	16QAM	12	0	16.87	16.94	16.92		
5	16QAM	12	7	16.98	17.04	16.78	18	0
5	16QAM	12	13	17.02	17.03	16.91		
5	16QAM	25	0	16.83	17.08	16.96		
5	64QAM	1	0	16.93	17.04	16.96		
5	64QAM	1	12	16.96	16.97	16.98	18	0
5	64QAM	1	24	16.97	17.10	16.89		
5	64QAM	12	0	17.07	17.11	16.88		
5	64QAM	12	7	17.11	17.15	16.90	18	0
5	64QAM	12	13	16.91	17.12	16.88		
5	64QAM	25	0	17.02	17.03	16.99		
5	256QAM	1	0	17.00	16.98	16.84		
5	256QAM	1	12	16.97	17.00	16.79	18	0
5	256QAM	1	24	16.97	16.97	16.98		
5	256QAM	12	0	16.92	17.11	16.93		
5	256QAM	12	7	16.92	17.23	17.05	18	0
5	256QAM	12	13	16.92	17.09	16.90		
5	256QAM	25	0	16.90	17.17	17.02		

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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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	17.06	17.04	17.25	17.03	17.07		
20	QPSK	1	49	17.04	17.04	17.14	17.07	17.04	18	0
20	QPSK	1	99	17.08	17.13	17.17	17.00	17.06		
20	QPSK	50	0	17.10	17.07	17.21	17.14	17.02		
20	QPSK	50	24	17.15	16.97	17.20	17.10	16.95	18	0
20	QPSK	50	50	17.16	17.11	17.20	17.05	17.00		
20	QPSK	100	0	17.10	17.05	17.15	17.02	16.97		
20	16QAM	1	0	17.13	17.01	17.20	17.09	17.10		
20	16QAM	1	49	17.09	17.07	17.05	17.04	17.07	18	0
20	16QAM	1	99	17.13	17.10	17.20	17.06	16.92		
20	16QAM	50	0	17.10	17.03	17.08	17.08	17.02		
20	16QAM	50	24	17.08	17.08	17.13	17.15	16.96	18	0
20	16QAM	50	50	17.06	17.10	17.14	17.14	16.94		
20	16QAM	100	0	17.15	17.05	17.06	16.97	16.96		
20	64QAM	1	0	17.04	17.02	17.18	17.03	17.03		
20	64QAM	1	49	17.13	17.10	17.15	16.99	17.08	18	0
20	64QAM	1	99	17.12	17.10	17.11	17.09	17.00		
20	64QAM	50	0	17.02	17.08	17.19	17.11	17.08		
20	64QAM	50	24	17.16	17.07	17.16	17.00	17.04	18	0
20	64QAM	50	50	17.16	17.02	17.11	17.05	17.08		
20	64QAM	100	0	17.05	17.13	17.10	17.11	17.00		
20	256QAM	1	0	17.13	16.97	17.12	17.09	17.06		
20	256QAM	1	49	17.04	16.97	17.14	17.10	17.04	18	0
20	256QAM	1	99	17.16	17.04	17.14	17.13	17.09		
20	256QAM	50	0	17.09	17.09	17.13	17.05	16.96		
20	256QAM	50	24	17.11	17.01	17.10	17.10	17.09	18	0
20	256QAM	50	50	17.06	17.00	17.20	16.99	16.94		
20	256QAM	100	0	17.06	17.00	17.16	17.08	17.07		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.95	16.91	17.10	17.00	16.92	18	0
15	QPSK	1	37	16.99	17.01	17.08	17.02	16.93		
15	QPSK	1	74	17.03	17.04	16.99	16.94	17.02		
15	QPSK	36	0	16.97	16.92	17.13	16.94	16.84	18	0
15	QPSK	36	20	16.97	16.89	17.10	17.02	16.84		
15	QPSK	36	39	17.09	16.95	17.10	16.87	16.89		
15	QPSK	75	0	16.92	16.87	17.11	16.98	16.91		
15	16QAM	1	0	17.00	16.96	17.08	16.99	17.01		
15	16QAM	1	37	16.93	16.90	16.88	16.99	16.96	18	0
15	16QAM	1	74	17.00	16.92	17.14	16.87	16.78		
15	16QAM	36	0	17.01	16.85	16.89	16.97	16.88		
15	16QAM	36	20	16.95	17.06	17.00	17.08	16.81	18	0
15	16QAM	36	39	16.92	17.00	17.02	17.03	16.86		
15	16QAM	75	0	17.13	17.04	16.94	16.82	16.83		
15	64QAM	1	0	16.98	16.89	17.13	16.98	17.00		
15	64QAM	1	37	17.05	17.09	17.00	16.97	17.07	18	0
15	64QAM	1	74	17.04	17.05	16.92	17.07	16.89		
15	64QAM	36	0	16.84	17.00	17.04	17.04	16.90		
15	64QAM	36	20	17.02	16.98	16.98	16.82	16.96	18	0
15	64QAM	36	39	16.98	16.97	17.00	16.94	16.97		
15	64QAM	75	0	16.97	17.07	17.04	16.99	16.99		
15	256QAM	1	0	17.04	16.94	17.06	16.98	16.91		
15	256QAM	1	37	16.95	16.80	16.98	16.95	16.88	18	0
15	256QAM	1	74	17.13	16.95	17.06	17.02	16.95		
15	256QAM	36	0	17.03	17.07	17.10	16.92	16.79		
15	256QAM	36	20	17.04	16.98	16.95	17.03	16.95	18	0
15	256QAM	36	39	16.95	16.83	17.05	16.86	16.81		
15	256QAM	75	0	16.94	16.85	17.04	17.02	17.00		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.04	16.98	17.13	16.96	17.01	18	0
10	QPSK	1	25	16.86	17.03	17.05	16.96	16.94		
10	QPSK	1	49	16.94	17.04	17.08	16.81	16.93		
10	QPSK	25	0	17.03	16.85	17.06	16.97	16.84	18	0
10	QPSK	25	12	17.01	17.00	17.07	17.06	16.85		
10	QPSK	25	25	17.14	17.02	17.13	17.02	17.06		
10	QPSK	50	0	17.08	16.94	17.03	16.96	16.94		
10	16QAM	1	0	16.98	16.90	17.14	17.08	16.98		
10	16QAM	1	25	17.04	16.94	17.02	16.91	17.01	18	0
10	16QAM	1	49	17.10	17.06	17.10	16.97	16.80		
10	16QAM	25	0	17.05	16.93	17.06	16.97	16.88		
10	16QAM	25	12	16.93	17.06	17.11	16.98	16.90	18	0
10	16QAM	25	25	16.95	16.91	17.06	16.99	16.77		
10	16QAM	50	0	17.13	16.98	16.88	16.89	16.92		
10	64QAM	1	0	16.87	16.88	17.06	16.95	16.86		
10	64QAM	1	25	17.07	16.94	17.13	16.89	16.94	18	0
10	64QAM	1	49	16.99	17.01	17.00	17.06	16.87		
10	64QAM	25	0	16.94	16.94	17.01	16.96	16.93		
10	64QAM	25	12	16.99	16.93	17.15	16.88	16.92	18	0
10	64QAM	25	25	17.11	16.95	17.08	16.99	17.06		
10	64QAM	50	0	16.87	17.02	17.04	16.97	16.84		
10	256QAM	1	0	16.95	16.90	17.06	16.98	17.02		
10	256QAM	1	25	16.93	16.79	17.11	16.95	16.88	18	0
10	256QAM	1	49	17.02	17.03	17.06	17.01	17.04		
10	256QAM	25	0	17.06	17.06	17.05	16.97	16.82		
10	256QAM	25	12	17.09	16.98	16.93	17.06	17.06	18	0
10	256QAM	25	25	16.95	16.93	17.09	16.80	16.83		
10	256QAM	50	0	17.03	16.98	17.15	17.03	16.99		
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	16.96	17.02	17.16	16.91	17.00		
5	QPSK	1	12	16.89	17.02	17.11	17.03	16.90	18	0
5	QPSK	1	24	17.06	16.95	17.09	16.94	16.96		
5	QPSK	12	0	17.00	16.88	17.08	17.00	16.93		
5	QPSK	12	7	16.94	16.98	17.04	17.10	16.88	18	0
5	QPSK	12	13	17.12	16.94	17.15	16.98	16.94		
5	QPSK	25	0	16.98	16.84	17.06	16.85	16.91		
5	16QAM	1	0	17.11	17.00	17.08	16.99	16.92		
5	16QAM	1	12	16.94	17.06	16.89	16.88	17.03	18	0
5	16QAM	1	24	17.06	16.92	17.12	17.01	16.74		
5	16QAM	12	0	16.97	16.91	16.90	17.03	16.88		
5	16QAM	12	7	16.94	16.97	16.95	16.97	16.89	18	0
5	16QAM	12	13	16.94	16.92	17.09	17.05	16.81		
5	16QAM	25	0	17.11	16.90	16.99	16.85	16.85		
5	64QAM	1	0	16.95	17.00	17.04	16.88	16.87		
5	64QAM	1	12	17.01	16.98	16.98	16.93	16.94	18	0
5	64QAM	1	24	17.07	17.01	17.02	17.05	16.95		
5	64QAM	12	0	16.83	17.04	17.17	17.02	16.99		
5	64QAM	12	7	17.14	17.03	17.12	16.90	16.97	18	0
5	64QAM	12	13	17.13	16.85	16.97	16.93	17.01		
5	64QAM	25	0	16.86	17.02	17.00	17.02	16.93		
5	256QAM	1	0	17.09	16.85	17.01	16.93	17.03		
5	256QAM	1	12	16.97	16.93	17.03	17.01	16.99	18	0
5	256QAM	1	24	17.05	16.98	17.08	17.09	17.04		
5	256QAM	12	0	17.02	17.04	17.06	16.94	16.82		
5	256QAM	12	7	17.00	16.84	17.05	17.08	16.93	18	0
5	256QAM	12	13	16.95	16.86	17.07	16.93	16.90		
5	256QAM	25	0	16.92	16.92	17.09	17.04	17.01		

Reduced Power for NSA DSI 6

Band 4 Ant0 Main PA DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.83	20.01	19.79	21	0
20	QPSK	1	49	19.8	19.97	19.77		
20	QPSK	1	99	19.78	19.96	19.85		
20	QPSK	50	0	19.79	19.98	19.78	21	0
20	QPSK	50	24	19.8	19.83	19.91		
20	QPSK	50	50	19.74	19.85	19.81		
20	QPSK	100	0	19.71	19.95	19.86		
20	16QAM	1	0	19.77	19.83	19.83	21	0
20	16QAM	1	49	19.84	19.94	19.86		
20	16QAM	1	99	19.8	19.84	19.88		
20	16QAM	50	0	19.8	19.88	19.86	21	0
20	16QAM	50	24	19.88	19.9	19.91		
20	16QAM	50	50	19.86	19.92	19.91		
20	16QAM	100	0	19.89	19.9	19.81		
20	64QAM	1	0	19.84	19.88	19.88	21	0
20	64QAM	1	49	19.73	19.95	19.78		
20	64QAM	1	99	19.83	19.9	19.88		
20	64QAM	50	0	19.86	19.95	19.9	21	0
20	64QAM	50	24	19.91	20.01	19.94		
20	64QAM	50	50	19.96	20	19.94		
20	64QAM	100	0	19.88	19.95	19.84		
20	256QAM	1	0	17.67	17.71	17.65	19	2
20	256QAM	1	49	17.55	17.61	17.53		
20	256QAM	1	99	17.58	17.6	17.57		
20	256QAM	50	0	17.59	17.69	17.59	19	2
20	256QAM	50	24	17.56	17.67	17.58		
20	256QAM	50	50	17.59	17.64	17.59		
20	256QAM	100	0	17.57	17.65	17.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.65	19.79	19.69	21	0
15	QPSK	1	37	19.65	19.81	19.69		
15	QPSK	1	74	19.64	19.87	19.76		
15	QPSK	36	0	19.73	19.66	19.82	21	0
15	QPSK	36	20	19.69	19.77	19.64		
15	QPSK	36	39	19.61	19.77	19.63		
15	QPSK	75	0	19.52	19.86	19.68		
15	16QAM	1	0	19.69	19.79	19.75	21	0
15	16QAM	1	37	19.8	19.83	19.83		
15	16QAM	1	74	19.77	19.81	19.69		
15	16QAM	36	0	19.64	19.77	19.83	21	0
15	16QAM	36	20	19.8	19.83	19.76		
15	16QAM	36	39	19.69	19.87	19.84		
15	16QAM	75	0	19.78	19.88	19.77		
15	64QAM	1	0	19.81	19.86	19.73	21	0
15	64QAM	1	37	19.57	19.81	19.75		
15	64QAM	1	74	19.67	19.87	19.79		
15	64QAM	36	0	19.82	19.93	19.84	21	0
15	64QAM	36	20	19.85	19.91	19.86		
15	64QAM	36	39	19.9	19.89	19.86		
15	64QAM	75	0	19.77	19.92	19.77		
15	256QAM	1	0	17.65	17.66	17.61	19	2
15	256QAM	1	37	17.46	17.53	17.52		
15	256QAM	1	74	17.5	17.54	17.51		
15	256QAM	36	0	17.53	17.61	17.58	19	2
15	256QAM	36	20	17.52	17.63	17.53		
15	256QAM	36	39	17.49	17.55	17.5		
15	256QAM	75	0	17.48	17.56	17.53		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.65	19.71	19.66	21	0
10	QPSK	1	25	19.72	19.82	19.61		
10	QPSK	1	49	19.73	19.9	19.71		
10	QPSK	25	0	19.69	19.7	19.88	21	0
10	QPSK	25	12	19.62	19.75	19.67		
10	QPSK	25	25	19.6	19.77	19.67		
10	QPSK	50	0	19.54	19.79	19.84		
10	16QAM	1	0	19.62	19.78	19.7	21	0
10	16QAM	1	25	19.79	19.75	19.8		
10	16QAM	1	49	19.74	19.77	19.79		
10	16QAM	25	0	19.67	19.73	19.78	21	0
10	16QAM	25	12	19.8	19.85	19.81		
10	16QAM	25	25	19.71	19.86	19.83		
10	16QAM	50	0	19.83	19.82	19.66		
10	64QAM	1	0	19.79	19.77	19.74	21	0
10	64QAM	1	25	19.54	19.87	19.76		
10	64QAM	1	49	19.64	19.71	19.69		
10	64QAM	25	0	19.76	19.91	19.8	21	0
10	64QAM	25	12	19.81	19.99	19.91		
10	64QAM	25	25	19.89	19.96	19.85		
10	64QAM	50	0	19.82	19.84	19.76		
10	256QAM	1	0	17.62	17.68	17.57	19	2
10	256QAM	1	25	17.46	17.53	17.45		
10	256QAM	1	49	17.48	17.59	17.51		
10	256QAM	25	0	17.57	17.61	17.55	19	2
10	256QAM	25	12	17.5	17.64	17.52		
10	256QAM	25	25	17.54	17.61	17.56		
10	256QAM	50	0	17.53	17.61	17.5		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.65	19.83	19.75	21	0
5	QPSK	1	12	19.76	19.89	19.75		
5	QPSK	1	24	19.81	19.86	19.71		
5	QPSK	12	0	19.78	19.76	19.86	21	0
5	QPSK	12	7	19.77	19.86	19.77		
5	QPSK	12	13	19.68	19.75	19.75		
5	QPSK	25	0	19.68	19.83	19.71		
5	16QAM	1	0	19.62	19.77	19.72	21	0
5	16QAM	1	12	19.65	19.77	19.75		
5	16QAM	1	24	19.63	19.78	19.77		
5	16QAM	12	0	19.63	19.76	19.82	21	0
5	16QAM	12	7	19.84	19.87	19.75		
5	16QAM	12	13	19.78	19.76	19.78		
5	16QAM	25	0	19.71	19.74	19.79		
5	64QAM	1	0	19.79	19.71	19.78	21	0
5	64QAM	1	12	19.69	19.98	19.66		
5	64QAM	1	24	19.8	19.72	19.82		
5	64QAM	12	0	19.78	19.85	19.85	21	0
5	64QAM	12	7	19.87	19.99	19.93		
5	64QAM	12	13	19.9	19.97	19.84		
5	64QAM	25	0	19.81	19.94	19.83		
5	256QAM	1	0	17.61	17.65	17.57	19	2
5	256QAM	1	12	17.51	17.57	17.47		
5	256QAM	1	24	17.55	17.58	17.49		
5	256QAM	12	0	17.56	17.63	17.58	19	2
5	256QAM	12	7	17.47	17.66	17.54		
5	256QAM	12	13	17.48	17.56	17.5		
5	256QAM	25	0	17.51	17.6	17.51		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.7	19.83	19.65	21	0
3	QPSK	1	8	19.78	19.82	19.71		
3	QPSK	1	14	19.75	19.87	19.69		
3	QPSK	8	0	19.79	19.79	19.75	21	0
3	QPSK	8	4	19.65	19.72	19.6		
3	QPSK	8	7	19.72	19.75	19.79		
3	QPSK	15	0	19.64	19.85	19.7		
3	16QAM	1	0	19.7	19.79	19.75	21	0
3	16QAM	1	8	19.71	19.8	19.69		
3	16QAM	1	14	19.7	19.73	19.81		
3	16QAM	8	0	19.78	19.72	19.69	21	0
3	16QAM	8	4	19.75	19.82	19.78		
3	16QAM	8	7	19.77	19.74	19.78		
3	16QAM	15	0	19.72	19.89	19.67		
3	64QAM	1	0	19.73	19.78	19.82	21	0
3	64QAM	1	8	19.67	19.81	19.69		
3	64QAM	1	14	19.65	19.77	19.81		
3	64QAM	8	0	19.81	19.93	19.84	21	0
3	64QAM	8	4	19.85	19.97	19.87		
3	64QAM	8	7	19.9	19.99	19.91		
3	64QAM	15	0	19.77	19.9	19.81		
3	256QAM	1	0	17.62	17.68	17.59	19	2
3	256QAM	1	8	17.5	17.51	17.49		
3	256QAM	1	14	17.56	17.49	17.56		
3	256QAM	8	0	17.49	17.68	17.55	19	2
3	256QAM	8	4	17.54	17.6	17.48		
3	256QAM	8	7	17.49	17.57	17.53		
3	256QAM	15	0	17.48	17.58	17.5		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.76	19.68	19.7	21	0
1.4	QPSK	1	3	19.63	19.89	19.69		
1.4	QPSK	1	5	19.64	19.89	19.83		
1.4	QPSK	3	0	19.72	19.65	19.75		
1.4	QPSK	3	1	19.66	19.86	19.6		
1.4	QPSK	3	3	19.72	19.83	19.68		
1.4	QPSK	6	0	19.58	19.76	19.76		
1.4	16QAM	1	0	19.72	19.65	19.71	21	0
1.4	16QAM	1	3	19.7	19.77	19.79		
1.4	16QAM	1	5	19.67	19.81	19.83		
1.4	16QAM	3	0	19.7	19.72	19.82		
1.4	16QAM	3	1	19.73	19.81	19.84		
1.4	16QAM	3	3	19.75	19.8	19.88		
1.4	16QAM	6	0	19.81	19.85	19.77	21	0
1.4	64QAM	1	0	19.78	19.84	19.86	21	0
1.4	64QAM	1	3	19.63	19.82	19.72		
1.4	64QAM	1	5	19.73	19.84	19.75		
1.4	64QAM	3	0	19.77	19.73	19.74		
1.4	64QAM	3	1	19.78	19.7	19.75		
1.4	64QAM	3	3	19.77	19.69	19.75		
1.4	64QAM	6	0	19.8	19.92	19.79	21	0
1.4	256QAM	1	0	17.63	17.67	17.59	19	2
1.4	256QAM	1	3	17.48	17.53	17.47		
1.4	256QAM	1	5	17.54	17.5	17.48		
1.4	256QAM	3	0	17.56	17.62	17.5		
1.4	256QAM	3	1	17.46	17.65	17.5		
1.4	256QAM	3	3	17.52	17.54	17.57		
1.4	256QAM	6	0	17.46	17.63	17.55	19	2

Band 7 Ant0 Main PA DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.75	20.82	20.64	22	0
20	QPSK	1	49	20.61	20.75	20.65		
20	QPSK	1	99	20.59	20.71	20.56		
20	QPSK	50	0	20.69	20.78	20.64	22	0
20	QPSK	50	24	20.61	20.62	20.67		
20	QPSK	50	50	20.59	20.7	20.57		
20	QPSK	100	0	20.6	20.76	20.59		
20	16QAM	1	0	20.71	20.66	20.71	22	0
20	16QAM	1	49	20.66	20.63	20.7		
20	16QAM	1	99	20.62	20.68	20.55		
20	16QAM	50	0	20.6	20.79	20.63	22	0
20	16QAM	50	24	20.74	20.67	20.58		
20	16QAM	50	50	20.71	20.63	20.61		
20	16QAM	100	0	20.63	20.66	20.68		
20	64QAM	1	0	20.61	20.72	20.56	22	0
20	64QAM	1	49	20.71	20.77	20.68		
20	64QAM	1	99	20.62	20.62	20.56		
20	64QAM	50	0	20.49	20.54	20.49	21.5	0.5
20	64QAM	50	24	20.52	20.57	20.53		
20	64QAM	50	50	20.46	20.52	20.48		
20	64QAM	100	0	20.43	20.52	20.45		
20	256QAM	1	0	18.16	18.19	18.12	19.5	2.5
20	256QAM	1	49	18.13	18.18	18.14		
20	256QAM	1	99	18.01	18.11	18.09		
20	256QAM	50	0	18.16	18.2	18.11	19.5	2.5
20	256QAM	50	24	18.19	18.2	18.17		
20	256QAM	50	50	18.17	18.19	18.15		
20	256QAM	100	0	18.2	18.22	18.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.73	20.68	20.62	22	0
15	QPSK	1	37	20.52	20.66	20.55		
15	QPSK	1	74	20.57	20.58	20.51		
15	QPSK	36	0	20.53	20.57	20.66	22	0
15	QPSK	36	20	20.5	20.77	20.52		
15	QPSK	36	39	20.54	20.65	20.59		
15	QPSK	75	0	20.59	20.7	20.56		
15	16QAM	1	0	20.63	20.51	20.55	22	0
15	16QAM	1	37	20.56	20.61	20.65		
15	16QAM	1	74	20.53	20.5	20.59		
15	16QAM	36	0	20.59	20.73	20.62	22	0
15	16QAM	36	20	20.71	20.57	20.57		
15	16QAM	36	39	20.7	20.53	20.56		
15	16QAM	75	0	20.56	20.57	20.62		
15	64QAM	1	0	20.54	20.56	20.51	22	0
15	64QAM	1	37	20.61	20.62	20.57		
15	64QAM	1	74	20.5	20.52	20.54		
15	64QAM	36	0	20.46	20.49	20.47	21.5	0.5
15	64QAM	36	20	20.47	20.54	20.51		
15	64QAM	36	39	20.39	20.51	20.46		
15	64QAM	75	0	20.33	20.46	20.43		
15	256QAM	1	0	18.13	18.17	18.05	19.5	2.5
15	256QAM	1	37	18.03	18.16	18.04		
15	256QAM	1	74	18.13	18.05	18.02		
15	256QAM	36	0	18.09	18.15	18.01	19.5	2.5
15	256QAM	36	20	18.16	18.15	18.11		
15	256QAM	36	39	18.08	18.13	18.09		
15	256QAM	75	0	18.16	18.18	18.04		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.72	20.79	20.56	22	0
10	QPSK	1	25	20.55	20.61	20.55		
10	QPSK	1	49	20.58	20.68	20.58		
10	QPSK	25	0	20.59	20.54	20.52	22	0
10	QPSK	25	12	20.55	20.65	20.57		
10	QPSK	25	25	20.54	20.51	20.59		
10	QPSK	50	0	20.58	20.59	20.54		
10	16QAM	1	0	20.57	20.61	20.6	22	0
10	16QAM	1	25	20.62	20.57	20.59		
10	16QAM	1	49	20.55	20.63	20.59		
10	16QAM	25	0	20.57	20.74	20.58	22	0
10	16QAM	25	12	20.62	20.55	20.57		
10	16QAM	25	25	20.65	20.53	20.59		
10	16QAM	50	0	20.5	20.6	20.5		
10	64QAM	1	0	20.5	20.55	20.51	22	0
10	64QAM	1	25	20.55	20.71	20.66		
10	64QAM	1	49	20.51	20.6	20.54		
10	64QAM	25	0	20.48	20.51	20.44	21.5	0.5
10	64QAM	25	12	20.48	20.56	20.51		
10	64QAM	25	25	20.38	20.47	20.47		
10	64QAM	50	0	20.39	20.43	20.44		
10	256QAM	1	0	18.12	18.15	18.06	19.5	2.5
10	256QAM	1	25	18.06	18.13	18.07		
10	256QAM	1	49	18.13	18.08	18.01		
10	256QAM	25	0	18.07	18.12	18.07	19.5	2.5
10	256QAM	25	12	18.16	18.19	18.13		
10	256QAM	25	25	18.08	18.18	18.14		
10	256QAM	50	0	18.16	18.2	18.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.73	20.8	20.61	22	0
5	QPSK	1	12	20.58	20.62	20.5		
5	QPSK	1	24	20.54	20.63	20.54		
5	QPSK	12	0	20.6	20.58	20.51	22	0
5	QPSK	12	7	20.68	20.66	20.57		
5	QPSK	12	13	20.54	20.52	20.51		
5	QPSK	25	0	20.55	20.72	20.55		
5	16QAM	1	0	20.52	20.51	20.64	22	0
5	16QAM	1	12	20.56	20.59	20.67		
5	16QAM	1	24	20.52	20.61	20.58		
5	16QAM	12	0	20.58	20.66	20.51	22	0
5	16QAM	12	7	20.7	20.64	20.54		
5	16QAM	12	13	20.65	20.59	20.58		
5	16QAM	25	0	20.6	20.57	20.5		
5	64QAM	1	0	20.55	20.67	20.58	22	0
5	64QAM	1	12	20.64	20.64	20.66		
5	64QAM	1	24	20.59	20.51	20.53		
5	64QAM	12	0	20.43	20.46	20.46	21.5	0.5
5	64QAM	12	7	20.49	20.52	20.43		
5	64QAM	12	13	20.4	20.5	20.42		
5	64QAM	25	0	20.35	20.46	20.35		
5	256QAM	1	0	18.14	18.14	18.11	19.5	2.5
5	256QAM	1	12	18.07	18.08	18.07		
5	256QAM	1	24	18	18.02	18.01		
5	256QAM	12	0	18.08	18.15	18.01	19.5	2.5
5	256QAM	12	7	18.12	18.1	18.13		
5	256QAM	12	13	18.06	18.16	18.05		
5	256QAM	25	0	18.11	18.13	18.11		

Band 66 Ant0 Other PA DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.16	22.33	22.22	22.7	0
20	QPSK	1	49	22.24	22.13	22.21		
20	QPSK	1	99	22.29	22.13	22.12		
20	QPSK	50	0	22.21	22.31	22.14		
20	QPSK	50	24	22.16	22.29	22.22		
20	QPSK	50	50	22.28	22.23	22.24		
20	QPSK	100	0	22.16	22.2	22.15		
20	16QAM	1	0	22.15	22.25	22.16	22.7	0
20	16QAM	1	49	22.14	22.16	22.21		
20	16QAM	1	99	22.2	22.29	22.1		
20	16QAM	50	0	22.25	22.25	22.21		
20	16QAM	50	24	22.12	22.2	22.13		
20	16QAM	50	50	22.26	22.14	22.1		
20	16QAM	100	0	22.24	22.28	22.17		
20	64QAM	1	0	22.18	22.22	22.16	22.7	0
20	64QAM	1	49	22.19	22.21	22.18		
20	64QAM	1	99	22.23	22.26	22.21		
20	64QAM	50	0	22.11	22.14	22.1	22.7	0
20	64QAM	50	24	22.13	22.22	22.13		
20	64QAM	50	50	22.17	22.2	22.17		
20	64QAM	100	0	22.07	22.15	22.04		
20	256QAM	1	0	20.15	20.21	20.12	20.7	2
20	256QAM	1	49	20.1	20.21	20.12		
20	256QAM	1	99	20.08	20.19	20.09		
20	256QAM	50	0	20.13	20.18	20.13	20.7	2
20	256QAM	50	24	20.14	20.21	20.19		
20	256QAM	50	50	20.14	20.16	20.15		
20	256QAM	100	0	20.03	20.14	20.1		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22	22.29	22.03	22.7	0
15	QPSK	1	37	22.06	22.1	22.1		
15	QPSK	1	74	22.12	21.95	22		
15	QPSK	36	0	22.03	22.15	22.04	22.7	0
15	QPSK	36	20	22.16	22.19	21.97		
15	QPSK	36	39	22.24	22.19	22.16		
15	QPSK	75	0	22.14	22.08	22		
15	16QAM	1	0	22.12	22.21	22.01	22.7	0
15	16QAM	1	37	21.96	22.07	22.14		
15	16QAM	1	74	22.14	22.12	21.99		
15	16QAM	36	0	22.1	22.23	22.06	22.7	0
15	16QAM	36	20	22.04	22.04	22.05		
15	16QAM	36	39	22.12	22.03	22.08		
15	16QAM	75	0	22.11	22.26	22.13		
15	64QAM	1	0	22.03	22.15	22.06	22.7	0
15	64QAM	1	37	22.06	22.03	22.14		
15	64QAM	1	74	22.16	22.13	22.12		
15	64QAM	36	0	22.07	22.05	22	22.7	0
15	64QAM	36	20	22.11	22.18	22.03		
15	64QAM	36	39	22.07	22.13	22.09		
15	64QAM	75	0	22	22.11	22.03		
15	256QAM	1	0	20.05	20.14	20.07	20.7	2
15	256QAM	1	37	20	20.16	20.1		
15	256QAM	1	74	20.01	20.13	20.03		
15	256QAM	36	0	20.11	20.16	20.08	20.7	2
15	256QAM	36	20	20.12	20.19	20.12		
15	256QAM	36	39	20.06	20.09	20.09		
15	256QAM	75	0	19.93	20.1	20.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.12	22.17	22.14	22.7	0
10	QPSK	1	25	22.06	22.09	22.2		
10	QPSK	1	49	22.23	21.99	21.97		
10	QPSK	25	0	22.05	22.14	22.08	22.7	0
10	QPSK	25	12	22.06	22.21	22.07		
10	QPSK	25	25	22.25	22.04	22.21		
10	QPSK	50	0	22.01	22.02	22.02		
10	16QAM	1	0	22.03	22.22	22.08	22.7	0
10	16QAM	1	25	22	22.09	22.05		
10	16QAM	1	49	22.02	22.17	21.94		
10	16QAM	25	0	22.19	22.2	22.07	22.7	0
10	16QAM	25	12	22.09	22.07	22.05		
10	16QAM	25	25	22.12	22.04	22.07		
10	16QAM	50	0	22.21	22.

Band 38 Ant0 Main PA DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	22.29	22.46	22.08	23	0
20	QPSK	1	49	22.28	22.20	22.10		
20	QPSK	1	99	22.29	22.26	22.09		
20	QPSK	50	0	22.09	22.46	22.16	23	0
20	QPSK	50	24	22.29	22.40	22.33		
20	QPSK	50	50	22.14	22.21	22.10		
20	QPSK	100	0	22.31	22.35	22.26		
20	16QAM	1	0	22.17	22.20	22.16	23	0
20	16QAM	1	49	22.09	22.17	22.13		
20	16QAM	1	99	22.09	22.16	22.13		
20	16QAM	50	0	21.18	21.20	21.13	22	1
20	16QAM	50	24	21.17	21.24	21.14		
20	16QAM	50	50	21.06	21.16	21.12		
20	16QAM	100	0	21.10	21.20	21.13		
20	64QAM	1	0	21.28	21.30	21.23	22	1
20	64QAM	1	49	21.15	21.21	21.19		
20	64QAM	1	99	21.18	21.24	21.23		
20	64QAM	50	0	20.13	20.16	20.07	21	2
20	64QAM	50	24	20.14	20.19	20.12		
20	64QAM	50	50	20.13	20.23	20.13		
20	64QAM	100	0	20.12	20.21	20.18		
20	256QAM	1	0	17.94	18.01	17.94	19	4
20	256QAM	1	49	17.83	17.93	17.89		
20	256QAM	1	99	17.91	17.94	17.88		
20	256QAM	50	0	17.93	17.97	17.94	19	4
20	256QAM	50	24	17.89	17.98	17.92		
20	256QAM	50	50	17.93	17.99	17.97		
20	256QAM	100	0	17.89	17.96	17.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
15	QPSK	1	0	22.20	22.32	22.03	23	0
15	QPSK	1	37	22.13	22.03	21.96		
15	QPSK	1	74	22.17	22.21	21.93		
15	QPSK	36	0	22.12	22.32	22.20	23	0
15	QPSK	36	20	22.02	22.45	22.12		
15	QPSK	36	39	22.11	22.16	21.94		
15	QPSK	75	0	22.19	22.19	22.20		
15	16QAM	1	0	22.09	21.99	21.95	23	0
15	16QAM	1	37	22.11	22.11	22.01		
15	16QAM	1	74	22.07	22.01	21.92		
15	16QAM	36	0	21.18	20.99	21.09	22	1
15	16QAM	36	20	21.01	21.25	20.99		
15	16QAM	36	39	20.90	20.99	21.10		
15	16QAM	75	0	20.95	21.04	20.99		
15	64QAM	1	0	21.25	21.24	21.05	22	1
15	64QAM	1	37	21.09	21.15	21.18		
15	64QAM	1	74	20.97	21.12	21.21		
15	64QAM	36	0	19.92	19.96	20.03	21	2
15	64QAM	36	20	20.05	20.15	19.99		
15	64QAM	36	39	19.95	20.14	20.03		
15	64QAM	75	0	20.05	20.00	20.03		
15	256QAM	1	0	17.95	17.94	17.79	19	4
15	256QAM	1	37	17.85	17.93	17.69		
15	256QAM	1	74	17.70	17.89	17.87		
15	256QAM	36	0	17.86	17.77	17.94	19	4
15	256QAM	36	20	17.80	17.79	17.89		
15	256QAM	36	39	17.86	18.00	17.91		
15	256QAM	75	0	17.85	17.85	17.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.17	22.16	22.06	23	0
10	QPSK	1	25	22.25	22.09	21.99		
10	QPSK	1	49	22.25	22.16	21.95		
10	QPSK	25	0	22.30	22.21	22.16	23	0
10	QPSK	25	12	21.98	22.38	22.10		
10	QPSK	25	25	22.14	22.12	22.12		
10	QPSK	50	0	22.28	22.16	22.12		
10	16QAM	1	0	22.10	22.10	22.04	23	0
10	16QAM	1	25	21.95	22.13	22.04		
10	16QAM	1	49	21.99	22.14	21.96		
10	16QAM	25	0	21.16	21.18	21.15	22	1
10	16QAM	25	12	20.99	21.17	20.94		
10	16QAM	25	25	20.98	20.99	21.03		
10	16QAM	50	0	20.96	20.99	21.11		
10	64QAM	1	0	21.25	21.21	21.16	22	1
10	64QAM	1	25	21.07	21.16	21.14		
10	64QAM	1	49	21.06	21.05	21.11		
10	64QAM	25	0	20.10	20.15	19.94	21	2
10	64QAM	25	12	20.08	20.16	19.94		
10	64QAM	25	25	19.93	20.11	20.01		
10	64QAM	50	0	20.07	20.19	20.10		
10	256QAM	1	0	17.94	18.02	17.82	19	4
10	256QAM	1	25	17.83	17.85	17.69		
10	256QAM	1	49	17.76	17.75	17.73		
10	256QAM	25	0	17.77	17.87	17.76	19	4
10	256QAM	25	12	17.71	17.87	17.87		
10	256QAM	25	25	17.83	17.90	17.92		
10	256QAM	50	0	17.68	17.92	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.27	22.23	22.03	23	0
5	QPSK	1	12	22.24	22.10	21.99		
5	QPSK	1	24	22.16	22.09	21.94		
5	QPSK	12	0	22.25	22.31	22.11	23	0
5	QPSK	12	7	21.89	22.41	22.01		
5	QPSK	12	13	21.97	22.11	22.12		
5	QPSK	25	0	22.12	22.21	22.19		
5	16QAM	1	0	22.13	22.20	22.00	23	0
5	16QAM	1	12	21.97	22.07	22.13		
5	16QAM	1	24	22.05	22.17	21.98		
5	16QAM	12	0	20.96	20.99	21.08	22	1
5	16QAM	12	7	20.96	21.25	21.10		
5	16QAM	12	13	21.00	21.08	20.92		
5	16QAM	25	0	20.99	21.04	21.04		
5	64QAM	1	0	21.22	21.21	21.20	22	1
5	64QAM	1	12	20.95	21.17	21.03		
5	64QAM	1	24	21.12	21.16	21.22		
5	64QAM	12	0	19.99	20.08	19.97	21	2
5	64QAM	12	7	20.15	20.15	20.04		
5	64QAM	12	13	20.08	20.24	19.93		
5	64QAM	25	0	20.10	20.20	19.99		
5	256QAM	1	0	17.89	17.97	17.94	19	4
5	256QAM	1	12	17.80	17.81	17.81		
5	256QAM	1	24	17.87	17.78	17.83		
5	256QAM	12	0	17.79	17.84	17.85	19	4
5	256QAM	12	7	17.77	17.83	17.75		
5	256QAM	12	13	17.83	17.85	17.96		
5	256QAM	25	0	17.79	17.79	17.87		

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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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	22.07	21.99	22.41	22.09	22.08		
20	QPSK	1	49	22.09	22.03	22.10	22.08	22.06	23	0
20	QPSK	1	99	22.10	22.00	22.10	22.05	22.07		
20	QPSK	50	0	22.22	22.26	22.39	22.21	22.30		
20	QPSK	50	24	22.34	22.33	22.35	22.27	22.29	23	0
20	QPSK	50	50	22.11	22.05	22.15	22.10	22.06		
20	QPSK	100	0	22.20	22.20	22.25	22.19	22.18		
20	16QAM	1	0	21.97	21.97	22.08	22.02	22.01		
20	16QAM	1	49	21.94	22.00	22.03	21.96	22.00	23	0
20	16QAM	1	99	22.01	21.95	22.05	21.98	22.01		
20	16QAM	50	0	21.00	21.01	21.04	21.00	20.99		
20	16QAM	50	24	21.00	21.00	21.10	21.05	21.02	22	1
20	16QAM	50	50	21.09	20.99	21.10	21.00	21.02		
20	16QAM	100	0	21.00	20.96	21.06	21.02	21.00		
20	64QAM	1	0	21.21	21.14	21.23	21.16	21.13		
20	64QAM	1	49	21.09	21.08	21.12	21.05	21.07	22	1
20	64QAM	1	99	21.01	21.07	21.11	21.06	21.04		
20	64QAM	50	0	20.01	20.02	20.08	20.00	19.99		
20	64QAM	50	24	20.09	20.09	20.12	20.09	20.04	21	2
20	64QAM	50	50	19.99	20.03	20.06	19.95	20.04		
20	64QAM	100	0	19.97	20.00	20.06	19.97	20.00		
20	256QAM	1	0	17.91	17.90	17.99	17.88	17.94		
20	256QAM	1	49	17.87	17.85	17.88	17.86	17.79	19	4
20	256QAM	1	99	17.85	17.79	17.86	17.79	17.82		
20	256QAM	50	0	17.86	17.85	17.89	17.83	17.87		
20	256QAM	50	24	17.89	17.90	17.94	17.88	17.89	19	4
20	256QAM	50	50	17.88	17.92	17.95	17.90	17.88		
20	256QAM	100	0	17.88	17.96	17.97	17.89	17.88		
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	21.96	21.96	21.96	22.00	21.91	23	0
15	QPSK	1	37	21.99	21.91	22.01	21.98	21.98		
15	QPSK	1	74	22.07	21.88	22.09	21.97	21.96		
15	QPSK	36	0	22.13	22.13	22.35	22.24	22.17	23	0
15	QPSK	36	20	22.11	22.12	22.21	22.05	22.27		
15	QPSK	36	39	22.05	21.96	22.12	22.06	21.97		
15	QPSK	75	0	22.18	22.10	22.22	21.99	22.16		
15	16QAM	1	0	21.95	21.90	21.89	22.02	22.01	23	0
15	16QAM	1	37	21.87	21.80	21.85	21.82	21.97		
15	16QAM	1	74	22.01	21.81	22.04	21.79	21.85		
15	16QAM	36	0	20.94	20.95	21.05	20.98	20.90	22	1
15	16QAM	36	20	20.93	20.99	21.02	20.89	21.03		
15	16QAM	36	39	21.02	21.00	21.01	20.91	20.86		
15	16QAM	75	0	20.89	20.95	21.05	20.84	20.80		
15	64QAM	1	0	21.17	21.12	21.18	20.99	21.00	22	1
15	64QAM	1	37	20.88	20.92	20.96	20.88	20.91		
15	64QAM	1	74	20.80	20.91	20.94	20.95	20.86		
15	64QAM	36	0	19.87	20.01	20.01	19.91	19.84	21	2
15	64QAM	36	20	19.92	19.99	19.96	20.11	19.89		
15	64QAM	36	39	19.98	20.04	20.08	19.80	19.86		
15	64QAM	75	0	19.77	19.86	19.87	19.92	19.90		
15	256QAM	1	0	17.70	17.85	17.99	17.70	17.88	19	4
15	256QAM	1	37	17.75	17.85	17.88	17.79	17.69		
15	256QAM	1	74	17.81	17.59	17.79	17.61	17.66		
15	256QAM	36	0	17.74	17.82	17.89	17.72	17.77	19	4
15	256QAM	36	20	17.87	17.82	17.91	17.74	17.84		
15	256QAM	36	39	17.86	17.73	17.80	17.77	17.75		
15	256QAM	75	0	17.66	17.78	17.76	17.90	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.92	21.85	21.99	21.92	21.89	23	0
10	QPSK	1	25	22.02	21.95	22.02	22.01	22.01		
10	QPSK	1	49	21.97	21.84	21.99	21.89	21.91		
10	QPSK	25	0	22.16	22.16	22.20	22.28	22.20	23	0
10	QPSK	25	12	22.20	22.15	22.37	22.20	22.16		
10	QPSK	25	25	22.02	21.85	21.93	21.93	22.02		
10	QPSK	50	0	22.15	22.22	22.08	22.03	21.96		
10	16QAM	1	0	21.77	21.97	22.04	21.88	21.85	23	0
10	16QAM	1	25	21.84	21.81	21.87	21.80	22.02		
10	16QAM	1	49	21.88	21.95	22.05	21.97	21.97		
10	16QAM	25	0	20.96	20.98	20.95	20.89	20.84	22	1
10	16QAM	25	12	20.98	20.95	21.10	21.02	21.01		
10	16QAM	25	25	20.97	20.82	20.99	20.90	20.87		
10	16QAM	50	0	20.97	20.82	21.08	20.84	21.01		
10	64QAM	1	0	21.19	20.95	21.10	21.04	20.97	22	1
10	64QAM	1	25	20.87	20.96	20.95	20.84	20.91		
10	64QAM	1	49	20.81	21.06	21.10	21.06	20.98		
10	64QAM	25	0	20.00	19.95	20.01	19.88	19.77	21	2
10	64QAM	25	12	20.06	20.11	19.93	19.89	20.00		
10	64QAM	25	25	19.83	19.97	19.85	19.94	19.91		
10	64QAM	50	0	19.96	19.82	19.94	19.81	19.96		
10	256QAM	1	0	17.75	17.80	17.90	17.73	17.75	19	4
10	256QAM	1	25	17.70	17.76	17.87	17.72	17.73		
10	256QAM	1	49	17.72	17.70	17.84	17.76	17.60		
10	256QAM	25	0	17.74	17.71	17.70	17.80	17.89	19	4
10	256QAM	25	12	17.77	17.89	17.90	17.82	17.85		
10	256QAM	25	25	17.75	17.74	17.85	17.88	17.86		
10	256QAM	50	0	17.85	17.81	17.93	17.86	17.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.94	21.96	22.07	21.91	22.00	23	0
5	QPSK	1	12	22.04	22.02	22.02	21.96	21.96		
5	QPSK	1	24	21.95	21.93	21.96	21.96	21.97		
5	QPSK	12	0	22.27	22.29	22.30	22.16	22.28	23	0
5	QPSK	12	7	22.03	22.20	22.19	22.10	22.31		
5	QPSK	12	13	21.96	21.88	22.10	21.91	21.92		
5	QPSK	25	0	22.06	22.07	21.99	21.99	22.18		
5	16QAM	1	0	21.77	21.88	21.87	21.98	21.94	23	0
5	16QAM	1	12	21.87	21.86	21.84	21.96	21.85		
5	16QAM	1	24	21.93	21.76	22.03	21.77	21.85		
5	16QAM	12	0	20.87	20.93	21.00	20.98	20.91	22	1
5	16QAM	12	7	20.81	20.81	20.92	20.88	20.97		
5	16QAM	12	13	20.92	21.01	21.04	20.99	21.00		
5	16QAM	25	0	20.88	20.81	20.86	20.99	20.83		
5	64QAM	1	0	21.03	21.12	21.11	21.00	20.96	22	1
5	64QAM	1	12	20.93	21.06	20.95	21.06	20.99		
5	64QAM	1	24	20.81	20.95	20.92	20.96	20.90		
5	64QAM	12	0	19.97	19.90	20.08	20.00	19.89	21	2
5	64QAM	12	7	19.90	19.95	20.08	20.06	19.83		
5	64QAM	12	13	19.87	19.85	20.04	19.77	20.00		
5	64QAM	25	0	19.95	19.82	19.91	19.88	19.96		
5	256QAM	1	0	17.71	17.82	17.87	17.86	17.82	19	4
5	256QAM	1	12	17.81	17.84	17.73	17.70	17.68		
5	256QAM	1	24	17.70	17.58	17.87	17.62	17.65		
5	256QAM	12	0	17.65	17.70	17.86	17.79	17.80	19	4
5	256QAM	12	7	17.80	17.74	17.84	17.73	17.68		
5	256QAM	12	13	17.72	17.91	17.81	17.68	17.84		
5	256QAM	25	0	17.81	17.78	17.85	17.82	17.80		

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BW [MHz]	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	19.80	20.09	20.02	21.5	0
20	QPSK	1	49	19.99	20.01	19.88		
20	QPSK	1	99	19.91	20.06	20.01		
20	QPSK	50	0	19.82	20.06	20.00	21.5	0
20	QPSK	50	24	19.86	20.02	20.02		
20	QPSK	50	50	19.91	19.90	19.94		
20	QPSK	100	0	19.79	20.00	19.84		
20	16QAM	1	0	19.93	20.08	20.04	21.5	0
20	16QAM	1	49	19.84	20.07	19.86		
20	16QAM	1	99	19.96	19.93	19.86		
20	16QAM	50	0	20.01	20.03	19.94	21.5	0
20	16QAM	50	24	19.89	19.99	20.02		
20	16QAM	50	50	20.03	19.94	20.00		
20	16QAM	100	0	19.89	19.91	19.83		
20	64QAM	1	0	20.00	19.95	19.86	21.5	0
20	64QAM	1	49	19.99	20.00	19.85		
20	64QAM	1	99	19.88	19.94	19.99		
20	64QAM	50	0	19.34	19.40	19.29	21	0.5
20	64QAM	50	24	19.32	19.41	19.40		
20	64QAM	50	50	19.35	19.42	19.40		
20	64QAM	100	0	19.43	19.47	19.41		
20	256QAM	1	0	17.50	17.59	17.50	19	2.5
20	256QAM	1	49	17.47	17.57	17.56		
20	256QAM	1	99	17.48	17.49	17.41		
20	256QAM	50	0	17.43	17.52	17.48	19	2.5
20	256QAM	50	24	17.44	17.50	17.44		
20	256QAM	50	50	17.48	17.56	17.46		
20	256QAM	100	0	17.53	17.58	17.54		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.75	19.97	19.90	21.5	0
15	QPSK	1	37	19.83	19.86	19.68		
15	QPSK	1	74	19.84	20.04	19.82		
15	QPSK	36	0	19.84	19.97	19.97	21.5	0
15	QPSK	36	20	19.80	19.87	19.97		
15	QPSK	36	39	19.70	19.69	19.75		
15	QPSK	75	0	19.61	19.92	19.73		
15	16QAM	1	0	19.73	19.99	19.90	21.5	0
15	16QAM	1	37	19.63	19.87	19.65		
15	16QAM	1	74	19.74	19.83	19.87		
15	16QAM	36	0	19.88	19.86	19.91	21.5	0
15	16QAM	36	20	19.86	19.85	19.87		
15	16QAM	36	39	20.01	19.88	19.99		
15	16QAM	75	0	19.79	19.85	19.80		
15	64QAM	1	0	19.98	19.81	19.80	21.5	0
15	64QAM	1	37	19.91	19.94	19.67		
15	64QAM	1	74	19.71	19.85	20.00		
15	64QAM	36	0	19.23	19.30	19.20	21	0.5
15	64QAM	36	20	19.28	19.33	19.32		
15	64QAM	36	39	19.30	19.32	19.31		
15	64QAM	75	0	19.33	19.41	19.30		
15	256QAM	1	0	17.48	17.55	17.40	19	2.5
15	256QAM	1	37	17.42	17.54	17.55		
15	256QAM	1	74	17.36	17.39	17.32		
15	256QAM	36	0	17.37	17.46	17.38	19	2.5
15	256QAM	36	20	17.38	17.43	17.43		
15	256QAM	36	39	17.43	17.45	17.39		
15	256QAM	75	0	17.51	17.48	17.46		
Channel				20050	20175	20300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.60	20.03	19.99	21.5	0
10	QPSK	1	25	19.84	20.01	19.77		
10	QPSK	1	49	19.82	19.97	19.84		
10	QPSK	25	0	19.83	20.00	19.84	21.5	0
10	QPSK	25	12	19.66	20.07	19.82		
10	QPSK	25	25	19.86	19.85	19.94		
10	QPSK	50	0	19.62	19.95	19.63		
10	16QAM	1	0	19.93	19.92	19.95	21.5	0
10	16QAM	1	25	19.62	19.98	19.65		
10	16QAM	1	49	19.76	19.93	19.85		
10	16QAM	25	0	19.87	19.94	19.88	21.5	0
10	16QAM	25	12	19.81	19.97	19.94		
10	16QAM	25	25	19.97	19.90	19.88		
10	16QAM	50	0	19.68	19.80	19.69		
10	64QAM	1	0	20.01	19.76	19.79	21.5	0
10	64QAM	1	25	19.81	20.01	19.67		
10	64QAM	1	49	19.68	19.91	19.96		
10	64QAM	25	0	19.33	19.33	19.24	21	0.5
10	64QAM	25	12	19.21	19.39	19.32		
10	64QAM	25	25	19.28	19.39	19.39		
10	64QAM	50	0	19.39	19.40	19.30		
10	256QAM	1	0	17.46	17.54	17.45	19	2.5
10	256QAM	1	25	17.44	17.48	17.47		
10	256QAM	1	49	17.37	17.40	17.36		
10	256QAM	25	0	17.36	17.44	17.41	19	2.5
10	256QAM	25	12	17.38	17.40	17.40		
10	256QAM	25	25	17.41	17.47	17.40		
10	256QAM	50	0	17.43	17.51	17.51		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.69	19.93	19.86	21.5	0
5	QPSK	1	12	19.78	19.67	19.88		
5	QPSK	1	24	19.80	19.96	19.92		
5	QPSK	12	0	19.68	19.93	20.00	21.5	0
5	QPSK	12	7	19.83	19.91	19.81		
5	QPSK	12	13	19.82	19.81	19.88		
5	QPSK	25	0	19.66	19.94	19.67		
5	16QAM	1	0	19.94	20.04	19.83	21.5	0
5	16QAM	1	12	19.63	20.07	19.76		
5	16QAM	1	24	19.92	19.82	19.69		
5	16QAM	12	0	19.93	19.94	19.83	21.5	0
5	16QAM	12	7	19.90	19.92	19.94		
5	16QAM	12	13	19.87	19.93	19.98		
5	16QAM	25	0	19.88	19.73	19.69		
5	64QAM	1	0	19.93	19.80	19.74	21.5	0
5	64QAM	1	12	20.01	19.94	19.80		
5	64QAM	1	24	19.70	19.77	19.84		
5	64QAM	12	0	19.31	19.31	19.21	21	0.5
5	64QAM	12	7	19.28	19.36	19.38		
5	64QAM	12	13	19.25	19.34	19.31		
5	64QAM	25	0	19.39	19.41	19.37		
5	256QAM	1	0	17.44	17.56	17.48	19	2.5
5	256QAM	1	12	17.44	17.49	17.48		
5	256QAM	1	24	17.43	17.45	17.40		
5	256QAM	12	0	17.39	17.50	17.38	19	2.5
5	256QAM	12	7	17.40	17.41	17.35		
5	256QAM	12	13	17.41	17.48	17.41		
5	256QAM	25	0	17.51	17.51	17.52		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.69	19.92	19.83	21.5	0
3	QPSK	1	8	19.99	19.84	19.70		
3	QPSK	1	14	19.87	19.94	19.98		
3	QPSK	8	0	19.84	19.88	19.99	21.5	0
3	QPSK	8	4	19.73	20.00	19.92		
3	QPSK	8	7	19.77	19.69	19.86		
3	QPSK	15	0	19.74	20.01	19.83		
3	16QAM	1	0	19.78	20.02	19.83	21.5	0
3	16QAM	1	8	19.71	19.95	19.72		
3	16QAM	1	14	19.94	19.76	19.75		
3	16QAM	8	0	19.87	20.01	19.88	21.5	0
3	16QAM	8	4	19.69	19.82	19.96		
3	16QAM	8	7	19.87	19.87	19.99		
3	16QAM	15	0	19.86	19.80	19.81		
3	64QAM	1	0	19.81	19.94	19.74	21.5	0
3	64QAM	1	8	19.99	19.79	19.63		
3	64QAM	1	14	19.79	19.87	19.99		
3	64QAM	8	0	19.25	19.33	19.20	21	0.5
3	64QAM	8	4	19.24	19.39	19.34		
3	64QAM	8	7	19.33	19.34	19.31		
3	64QAM	15	0	19.40	19.37	19.35		
3	256QAM	1	0	17.40	17.48	17.40	19	2.5
3	256QAM	1	8	17.42	17.51	17.51		
3	256QAM	1	14	17.40	17.46	17.36		
3	256QAM	8	0	17.41	17.47	17.45	19	2.5
3	256QAM	8	4	17.42	17.47	17.40		
3	256QAM	8	7	17.43	17.47	17.38		
3	256QAM	15	0	17.48	17.57	17.46		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.76	19.99	19.82	21.5	0
1.4	QPSK	1	3	19.93	19.88	19.89		
1.4	QPSK	1	5	19.87	20.07	19.90		
1.4	QPSK	3	0	19.73	20.02	19.93		
1.4	QPSK	3	1	19.76	20.05	19.97		
1.4	QPSK	3	3	19.77	19.87	19.86		
1.4	QPSK	6	0	19.60	19.92	19.85	21.5	0
1.4	16QAM	1	0	19.72	20.00	20.02	21.5	0
1.4	16QAM	1	3	19.82	20.06	19.72		
1.4	16QAM	1	5	19.85	19.90	19.64		
1.4	16QAM	3	0	20.02	20.02	19.90		
1.4	16QAM	3	1	19.81	19.89	19.84		
1.4	16QAM	3	3	19.88	19.75	20.01		
1.4	16QAM	6	0	19.71	19.73	19.68	21.5	0
1.4	64QAM	1	0	19.91	19.80	19.85	21.5	0
1.4	64QAM	1	3	20.00	19.89	19.67		
1.4	64QAM	1	5	19.80	19.76	19.97		
1.4	64QAM	3	0	19.68	19.97	19.99		
1.4	64QAM	3	1	19.59	20.06	19.89		
1.4	64QAM	3	3	19.82	19.97	19.91		
1.4	64QAM	6	0	19.40	19.37	19.34	21	0.5
1.4	256QAM	1	0	17.41	17.57	17.40	19	2.5
1.4	256QAM	1	3	17.43	17.53	17.46		
1.4	256QAM	1	5	17.39	17.44	17.38		
1.4	256QAM	3	0	17.38	17.49	17.44		
1.4	256QAM	3	1	17.39	17.49	17.36		
1.4	256QAM	3	3	17.46	17.52	17.37		
1.4	256QAM	6	0	17.42	17.50	17.44	19	2.5

Band 7 Ant1 Main PA DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.71	20.85	20.67	22	0
20	QPSK	1	49	20.76	20.83	20.69		
20	QPSK	1	99	20.74	20.77	20.60		
20	QPSK	50	0	20.68	20.75	20.67	22	0
20	QPSK	50	24	20.72	20.68	20.58		
20	QPSK	50	50	20.66	20.71	20.63		
20	QPSK	100	0	20.65	20.70	20.58		
20	16QAM	1	0	20.65	20.75	20.63	22	0
20	16QAM	1	49	20.76	20.78	20.74		
20	16QAM	1	99	20.82	20.68	20.65		
20	16QAM	50	0	20.73	20.69	20.60	22	0
20	16QAM	50	24	20.66	20.70	20.67		
20	16QAM	50	50	20.70	20.80	20.58		
20	16QAM	100	0	20.80	20.74	20.66		
20	64QAM	1	0	20.79	20.70	20.73	22	0
20	64QAM	1	49	20.75	20.71	20.63		
20	64QAM	1	99	20.67	20.72	20.73		
20	64QAM	50	0	20.10	20.21	20.14	21.5	0.5
20	64QAM	50	24	20.24	20.27	20.16		
20	64QAM	50	50	20.12	20.21	20.12		
20	64QAM	100	0	20.13	20.24	20.14		
20	256QAM	1	0	18.28	18.36	18.28	19.5	2.5
20	256QAM	1	49	18.13	18.21	18.14		
20	256QAM	1	99	18.24	18.28	18.19		
20	256QAM	50	0	18.21	18.23	18.20	19.5	2.5
20	256QAM	50	24	18.21	18.24	18.23		
20	256QAM	50	50	18.22	18.25	18.22		
20	256QAM	100	0	18.23	18.26	18.17		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.70	20.71	20.49	22	0
15	QPSK	1	37	20.58	20.76	20.54		
15	QPSK	1	74	20.69	20.60	20.43		
15	QPSK	36	0	20.68	20.60	20.53	22	0
15	QPSK	36	20	20.57	20.60	20.49		
15	QPSK	36	39	20.57	20.59	20.57		
15	QPSK	75	0	20.64	20.62	20.48		
15	16QAM	1	0	20.54	20.62	20.62	22	0
15	16QAM	1	37	20.67	20.62	20.71		
15	16QAM	1	74	20.63	20.59	20.52		
15	16QAM	36	0	20.72	20.53	20.50	22	0
15	16QAM	36	20	20.61	20.59	20.52		
15	16QAM	36	39	20.52	20.71	20.53		
15	16QAM	75	0	20.67	20.66	20.59		
15	64QAM	1	0	20.74	20.61	20.67	22	0
15	64QAM	1	37	20.70	20.67	20.60		
15	64QAM	1	74	20.48	20.61	20.55		
15	64QAM	36	0	20.04	20.12	20.11	21.5	0.5
15	64QAM	36	20	20.21	20.23	20.08		
15	64QAM	36	39	20.03	20.19	20.09		
15	64QAM	75	0	20.11	20.14	20.06		
15	256QAM	1	0	18.27	18.29	18.20	19.5	2.5
15	256QAM	1	37	18.11	18.12	18.11		
15	256QAM	1	74	18.14	18.21	18.16		
15	256QAM	36	0	18.16	18.18	18.16	19.5	2.5
15	256QAM	36	20	18.10	18.16	18.16		
15	256QAM	36	39	18.18	18.18	18.16		
15	256QAM	75	0	18.17	18.22	18.12		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.58	20.54	20.51	22	0
10	QPSK	1	25	20.72	20.80	20.60		
10	QPSK	1	49	20.62	20.71	20.44		
10	QPSK	25	0	20.57	20.59	20.43	22	0
10	QPSK	25	12	20.67	20.69	20.60		
10	QPSK	25	25	20.52	20.57	20.47		
10	QPSK	50	0	20.58	20.62	20.48		
10	16QAM	1	0	20.63	20.67	20.45	22	0
10	16QAM	1	25	20.65	20.73	20.70		
10	16QAM	1	49	20.71	20.51	20.49		
10	16QAM	25	0	20.60	20.62	20.44	22	0
10	16QAM	25	12	20.52	20.62	20.65		
10	16QAM	25	25	20.59	20.71	20.49		
10	16QAM	50	0	20.73	20.64	20.51		
10	64QAM	1	0	20.72	20.65	20.69	22	0
10	64QAM	1	25	20.60	20.56	20.51		
10	64QAM	1	49	20.54	20.55	20.62		
10	64QAM	25	0	20.06	20.17	20.04	21.5	0.5
10	64QAM	25	12	20.15	20.25	20.15		
10	64QAM	25	25	20.05	20.18	20.03		
10	64QAM	50	0	20.11	20.18	20.09		
10	256QAM	1	0	18.25	18.26	18.20	19.5	2.5
10	256QAM	1	25	18.06	18.18	18.03		
10	256QAM	1	49	18.19	18.22	18.12		
10	256QAM	25	0	18.15	18.22	18.19	19.5	2.5
10	256QAM	25	12	18.13	18.16	18.20		
10	256QAM	25	25	18.17	18.15	18.19		
10	256QAM	50	0	18.14	18.17	18.12		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.68	20.72	20.59	22	0
5	QPSK	1	12	20.67	20.65	20.68		
5	QPSK	1	24	20.69	20.62	20.53		
5	QPSK	12	0	20.63	20.67	20.44	22	0
5	QPSK	12	7	20.65	20.71	20.57		
5	QPSK	12	13	20.52	20.71	20.48		
5	QPSK	25	0	20.71	20.62	20.50		
5	16QAM	1	0	20.58	20.61	20.58	22	0
5	16QAM	1	12	20.69	20.67	20.67		
5	16QAM	1	24	20.67	20.68	20.60		
5	16QAM	12	0	20.67	20.58	20.55	22	0
5	16QAM	12	7	20.64	20.66	20.63		
5	16QAM	12	13	20.68	20.73	20.49		
5	16QAM	25	0	20.75	20.71	20.61		
5	64QAM	1	0	20.61	20.64	20.64	22	0
5	64QAM	1	12	20.69	20.64	20.61		
5	64QAM	1	24	20.55	20.58	20.57		
5	64QAM	12	0	20.08	20.12	20.09	21.5	0.5
5	64QAM	12	7	20.22	20.21	20.07		
5	64QAM	12	13	20.01	20.17	20.03		
5	64QAM	25	0	20.07	20.21	20.07		
5	256QAM	1	0	18.26	18.35	18.18	19.5	2.5
5	256QAM	1	12	18.07	18.17	18.05		
5	256QAM	1	24	18.15	18.17	18.08		
5	256QAM	12	0	18.18	18.20	18.17	19.5	2.5
5	256QAM	12	7	18.18	18.15	18.14		
5	256QAM	12	13	18.12	18.24	18.20		
5	256QAM	25	0	18.16	18.23	18.08		

Band 66 Ant1 Other PA DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.44	22.46	22.27	22.7	0
20	QPSK	1	49	22.33	22.44	22.28		
20	QPSK	1	99	22.44	22.45	22.29		
20	QPSK	50	0	22.37	22.40	22.36	22.7	0
20	QPSK	50	24	22.37	22.32	22.27		
20	QPSK	50	50	22.30	22.35	22.23		
20	QPSK	100	0	22.32	22.41	22.36		
20	16QAM	1	0	22.38	22.34	22.37	22.7	0
20	16QAM	1	49	22.38	22.33	22.39		
20	16QAM	1	99	22.33	22.40	22.25		
20	16QAM	50	0	22.38	22.47	22.29	22.7	0
20	16QAM	50	24	22.35	22.45	22.29		
20	16QAM	50	50	22.41	22.50	22.39		
20	16QAM	100	0	22.40	22.49	22.22		
20	64QAM	1	0	22.32	22.39	22.29	22.7	0
20	64QAM	1	49	22.36	22.41	22.31		
20	64QAM	1	99	22.40	22.48	22.31		
20	64QAM	50	0	22.23	22.30	22.20	22.7	0
20	64QAM	50	24	22.35	22.36	22.33		
20	64QAM	50	50	22.29	22.35	22.32		
20	64QAM	100	0	22.26	22.34	22.24		
20	256QAM	1	0	20.09	20.10	20.07	20.7	2
20	256QAM	1	49	19.92	20.02	19.91		
20	256QAM	1	99	19.96	20.04	20.03		
20	256QAM	50	0	19.96	20.04	20.01	20.7	2
20	256QAM	50	24	20.06	20.07	20.03		
20	256QAM	50	50	19.99	20.06	20.02		
20	256QAM	100	0	19.97	20.04	19.97		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.39	22.44	22.10	22.7	0
15	QPSK	1	37	22.28	22.29	22.10		
15	QPSK	1	74	22.31	22.34	22.23		
15	QPSK	36	0	22.19	22.26	22.09	22.7	0
15	QPSK	36	20	22.29	22.26	22.20		
15	QPSK	36	39	22.26	22.17	22.18		
15	QPSK	75	0	22.27	22.28	22.19		
15	16QAM	1	0	22.33	22.19	22.35	22.7	0
15	16QAM	1	37	22.34	22.18	22.28		
15	16QAM	1	74	22.29	22.30	22.09		
15	16QAM	36	0	22.19	22.37	22.16	22.7	0
15	16QAM	36	20	22.27	22.37	22.20		
15	16QAM	36	39	22.33	22.33	22.33		
15	16QAM	75	0	22.31	22.32	22.18		
15	64QAM	1	0	22.13	22.21	22.26	22.7	0
15	64QAM	1	37	22.34	22.30	22.25		
15	64QAM	1	74	22.34	22.30	22.24		
15	64QAM	36	0	22.14	22.22	22.12	22.7	0
15	64QAM	36	20	22.33	22.35	22.25		
15	64QAM	36	39	22.20	22.28	22.22		
15	64QAM	75	0	22.20	22.28	22.13		
15	256QAM	1	0	19.98	20.09	20.00	20.7	2
15	256QAM	1	37	19.88	19.93	19.81		
15	256QAM	1	74	19.91	19.94	19.93		
15	256QAM	36	0	19.86	20.00	19.98	20.7	2
15	256QAM	36	20	20.04	20.03	19.95		
15	256QAM	36	39	19.98	19.97	19.95		
15	256QAM	75	0	19.93	19.97	19.96		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.37	22.28	22.15	22.7	0
10	QPSK	1	25	22.26	22.38	22.09		
10	QPSK	1	49	22.36	22.33	22.24		
10	QPSK	25	0	22.29	22.30	22.25	22.7	0
10	QPSK	25	12	22.28	22.37	22.34		
10	QPSK	25	25	22.18	22.28	22.08		
10	QPSK	50	0	22.24	22.37	22.18		
10	16QAM	1	0	22.29	22.17	22.35	22.7	0
10	16QAM	1	25	22.33	22.23	22.38		
10	16QAM	1	49	22.22	22.31	22.23		
10	16QAM	25	0	22.26	22.30	22.21

Band 38 Ant1 Main PA DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	20.98	21.27	20.97		
20	QPSK	1	49	21.11	21.20	21.01	22	0
20	QPSK	1	99	20.98	21.12	20.93		
20	QPSK	50	0	21.08	21.20	20.93		
20	QPSK	50	24	21.11	21.18	20.93	22	0
20	QPSK	50	50	21.01	21.15	21.01		
20	QPSK	100	0	21.12	21.21	20.97		
20	16QAM	1	0	21.01	21.19	20.98		
20	16QAM	1	49	21.13	21.15	21.03	22	0
20	16QAM	1	99	21.00	21.12	21.10		
20	16QAM	50	0	21.06	21.08	21.05		
20	16QAM	50	24	21.02	21.11	21.03	22	0
20	16QAM	50	50	21.03	21.06	21.02		
20	16QAM	100	0	21.05	21.13	21.08		
20	64QAM	1	0	21.04	21.14	21.12		
20	64QAM	1	49	21.00	21.06	20.97	22	0
20	64QAM	1	99	20.93	21.04	20.97		
20	64QAM	50	0	20.08	20.19	20.12		
20	64QAM	50	24	20.03	20.12	20.06	21	1
20	64QAM	50	50	20.11	20.17	20.09		
20	64QAM	100	0	20.10	20.16	20.10		
20	256QAM	1	0	18.28	18.31	18.26		
20	256QAM	1	49	18.15	18.23	18.19	19	3
20	256QAM	1	99	18.23	18.26	18.17		
20	256QAM	50	0	18.19	18.29	18.26		
20	256QAM	50	24	18.15	18.24	18.14	19	3
20	256QAM	50	50	18.14	18.21	18.15		
20	256QAM	100	0	18.14	18.21	18.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.84	21.12	20.87	22	0
15	QPSK	1	37	21.01	21.12	20.97		
15	QPSK	1	74	20.96	20.99	20.76		
15	QPSK	36	0	20.95	21.04	20.76		
15	QPSK	36	20	20.94	21.06	20.80	22	0
15	QPSK	36	39	20.90	21.09	20.91		
15	QPSK	75	0	21.05	21.11	20.92		
15	16QAM	1	0	20.88	21.14	20.68		
15	16QAM	1	37	21.04	21.10	20.97	22	0
15	16QAM	1	74	20.85	21.09	20.94		
15	16QAM	36	0	20.95	20.99	21.00		
15	16QAM	36	20	20.99	21.07	20.94	22	0
15	16QAM	36	39	20.98	21.04	21.01		
15	16QAM	75	0	21.02	21.02	20.99		
15	64QAM	1	0	20.94	21.00	21.10		
15	64QAM	1	37	20.91	21.00	20.88	22	0
15	64QAM	1	74	20.87	20.96	20.91		
15	64QAM	36	0	20.01	20.14	20.03		
15	64QAM	36	20	19.95	20.02	19.97	21	1
15	64QAM	36	39	20.05	20.13	20.01		
15	64QAM	75	0	20.01	20.13	20.03		
15	256QAM	1	0	18.23	18.24	18.22		
15	256QAM	1	37	18.11	18.20	18.13	19	3
15	256QAM	1	74	18.17	18.17	18.12		
15	256QAM	36	0	18.14	18.27	18.19		
15	256QAM	36	20	18.11	18.18	18.08	19	3
15	256QAM	36	39	18.09	18.10	18.05		
15	256QAM	75	0	18.03	18.10	18.17		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.90	21.15	20.88		
10	QPSK	1	25	21.01	21.15	20.95	22	0
10	QPSK	1	49	20.97	20.99	20.78		
10	QPSK	25	0	21.04	21.09	20.84		
10	QPSK	25	12	21.06	21.13	20.77	22	0
10	QPSK	25	25	20.92	21.04	20.96		
10	QPSK	50	0	21.06	21.15	20.80		
10	16QAM	1	0	20.99	21.17	20.90		
10	16QAM	1	25	21.09	21.14	20.97	22	0
10	16QAM	1	49	20.82	20.98	21.03		
10	16QAM	25	0	20.97	21.00	21.02		
10	16QAM	25	12	20.93	21.03	20.98	22	0
10	16QAM	25	25	20.97	21.04	20.93		
10	16QAM	50	0	21.03	21.11	21.04		
10	64QAM	1	0	20.99	21.11	21.09		
10	64QAM	1	25	20.92	21.01	20.89	22	0
10	64QAM	1	49	20.85	20.99	20.86		
10	64QAM	25	0	20.05	20.18	20.09		
10	64QAM	25	12	19.95	20.02	20.02	21	1
10	64QAM	25	25	20.04	20.09	20.04		
10	64QAM	50	0	20.03	20.09	20.01		
10	256QAM	1	0	18.25	18.21	18.15		
10	256QAM	1	25	18.05	18.20	18.13	19	3
10	256QAM	1	49	18.15	18.22	18.09		
10	256QAM	25	0	18.08	18.22	18.23		
10	256QAM	25	12	18.13	18.15	18.06	19	3
10	256QAM	25	25	18.05	18.11	18.06		
10	256QAM	50	0	18.09	18.19	18.18		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.84	21.16	20.84		
5	QPSK	1	12	20.98	21.13	20.94	22	0
5	QPSK	1	24	20.81	21.01	20.76		
5	QPSK	12	0	21.06	21.17	20.87		
5	QPSK	12	7	21.06	21.14	20.90	22	0
5	QPSK	12	13	20.88	20.97	20.99		
5	QPSK	25	0	21.06	21.18	20.78		
5	16QAM	1	0	20.87	21.08	20.93		
5	16QAM	1	12	20.98	21.08	21.00	22	0
5	16QAM	1	24	20.88	21.06	20.93		
5	16QAM	12	0	21.01	21.02	21.02		
5	16QAM	12	7	20.93	21.07	20.94	22	0
5	16QAM	12	13	21.01	21.02	21.00		
5	16QAM	25	0	20.97	21.09	21.01		
5	64QAM	1	0	21.01	21.07	21.11		
5	64QAM	1	12	20.93	20.97	20.87	22	0
5	64QAM	1	24	20.86	21.02	20.91		
5	64QAM	12	0	20.06	20.11	20.03		
5	64QAM	12	7	19.93	20.02	20.05	21	1
5	64QAM	12	13	20.02	20.07	20.04		
5	64QAM	25	0	20.03	20.10	20.03		
5	256QAM	1	0	18.26	18.22	18.24		
5	256QAM	1	12	18.09	18.17	18.10	19	3
5	256QAM	1	24	18.18	18.23	18.14		
5	256QAM	12	0	18.11	18.27	18.25		
5	256QAM	12	7	18.10	18.16	18.10	19	3
5	256QAM	12	13	18.09	18.17	18.07		
5	256QAM	25	0	18.10	18.18	18.13		

Band 41 Ant1 Main PA DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.11	21.14	21.24	21.05	21.02		
20	QPSK	1	49	21.09	21.06	21.13	21.08	20.92	22	0
20	QPSK	1	99	21.07	20.98	21.05	20.98	21.05		
20	QPSK	50	0	21.10	21.07	21.20	21.06	20.99		
20	QPSK	50	24	21.00	21.11	21.07	20.99	21.05	22	0
20	QPSK	50	50	21.13	21.13	21.18	21.12	20.93		
20	QPSK	100	0	21.13	20.99	21.16	21.11	20.97		
20	16QAM	1	0	21.11	21.05	21.21	21.14	21.03		
20	16QAM	1	49	21.10	21.00	21.21	20.98	20.98	22	0
20	16QAM	1	99	21.03	20.99	21.22	21.12	20.99		
20	16QAM	50	0	20.87	20.85	20.89	20.85	20.81		
20	16QAM	50	24	20.93	20.86	20.94	20.87	20.91	22	0
20	16QAM	50	50	20.89	20.93	20.94	20.91	20.90		
20	16QAM	100	0	20.85	20.86	20.91	20.85	20.82		
20	64QAM	1	0	20.93	20.89	20.99	20.91	20.89		
20	64QAM	1	49	20.87	20.82	20.91	20.80	20.87	22	0
20	64QAM	1	99	20.88	20.90	20.94	20.83	20.83		
20	64QAM	50	0	19.96	19.92	20.03	19.93	19.97		
20	64QAM	50	24	19.88	19.90	19.99	19.93	19.95	21	1
20	64QAM	50	50	19.95	19.93	19.99	19.97	19.94		
20	64QAM	100	0	19.91	19.96	19.99	19.93	19.93		
20	256QAM	1	0	18.23	18.18	18.25	18.22	18.18		
20	256QAM	1	49	18.22	18.17	18.24	18.22	18.19	19	3
20	256QAM	1	99	18.16	18.16	18.19	18.08	18.17		
20	256QAM	50	0	18.06	18.06	18.16	18.09	18.08		
20	256QAM	50	24	18.17	18.09	18.20	18.17	18.10	19	3
20	256QAM	50	50	18.19	18.16	18.23	18.15	18.20		
20	256QAM	100	0	18.22	18.19	18.24	18.15	18.20		
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	20.93	20.98	21.10	20.94	20.85	22	0
15	QPSK	1	37	20.99	20.98	21.07	21.01	20.76		
15	QPSK	1	74	20.92	20.86	21.01	20.81	20.97		
15	QPSK	36	0	20.92	20.96	21.02	20.86	20.89		
15	QPSK	36	20	20.97	21.05	21.14	21.03	20.88	22	0
15	QPSK	36	39	20.95	21.09	21.14	20.98	20.90		
15	QPSK	75	0	21.07	20.90	21.14	21.02	20.91		
15	16QAM	1	0	20.97	20.90	21.10	21.00	20.93		
15	16QAM	1	37	20.96	20.93	21.12	20.88	20.82	22	0
15	16QAM	1	74	20.92	20.81	21.19	21.11	20.94		
15	16QAM	36	0	20.77	20.77	20.78	20.62	20.70		
15	16QAM	36	20	20.84	20.80	20.92	20.81	20.88	22	0
15	16QAM	36	39	20.85	20.87	20.92	20.81	20.83		
15	16QAM	75	0	20.80	20.80	20.83	20.78	20.72		
15	64QAM	1	0	20.88	20.84	20.93	20.84	20.84		
15	64QAM	1	37	20.80	20.73	20.80	20.73	20.77	22	0
15	64QAM	1	74	20.81	20.89	20.90	20.76	20.78		
15	64QAM	36	0	19.86	19.86	20.00	19.83	19.91		
15	64QAM	36	20	19.78	19.88	19.91	19.90	19.87	21	1
15	64QAM	36	39	19.92	19.85	19.90	19.92	19.87		
15	64QAM	75	0	19.83	19.94	19.96	19.89	19.88		
15	256QAM	1	0	18.17	18.16	18.14	18.17	18.14		
15	256QAM	1	37	18.14	18.11	18.23	18.16	18.14	19	3
15	256QAM	1	74	18.10	18.09	18.13	18.04	18.13		
15	256QAM	36	0	17.95	17.99	18.12	18.01	18.04		
15	256QAM	36	20	18.15	18.03	18.16	18.09	18.03	19	3
15	256QAM	36	39	18.15	18.12	18.13	18.08	18.18		
15	256QAM	75	0	18.17	18.08	18.19	18.11	18.17		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.98	20.98	21.07	20.90	20.94		
10	QPSK	1	25	21.08	21.02	20.98	20.99	20.74	22	0
10	QPSK	1	49	21.04	20.81	20.88	20.97	20.93		
10	QPSK	25	0	20.82	21.07	20.98	20.89	20.96		
10	QPSK	25	12	20.94	21.03	21.12	20.89	20.88	22	0
10	QPSK	25	25	21.07	20.96	21.09	21.01	20.75		
10	QPSK	50	0	20.95	20.85	21.09	21.02	20.79		
10	16QAM	1	0	21.09	20.91	21.10	21.07	20.91		
10	16QAM	1	25	20.97	20.88	21.10	20.89	20.87	22	0
10	16QAM	1	49	20.85	20.92	21.09	21.11	20.94		
10	16QAM	25	0	20.81	20.78	20.85	20.82	20.78		
10	16QAM	25	12	20.88	20.81	20.84	20.78	20.88	22	0
10	16QAM	25	25	20.82	20.90	20.92	20.82	20.88		
10	16QAM	50	0	20.74	20.82	20.89	20.80	20.75		
10	64QAM	1	0	20.88	20.87	20.91	20.82	20.84		
10	64QAM	1	25	20.80	20.74	20.87	20.69	20.84	22	0
10	64QAM	1	49	20.78	20.86	20.88	20.77	20.72		
10	64QAM	25	0	19.89	19.84	19.97	19.86	19.89		
10	64QAM	25	12	19.77	19.81	19.93	19.92	19.93	21	1
10	64QAM	25	25	19.85	19.83	19.94	19.94	19.88		
10	64QAM	50	0	19.88	19.93	19.93	19.87	19.87		
10	256QAM	1	0	18.18	18.10	18.17	18.11	18.14		
10	256QAM	1	25	18.17	18.08	18.18	18.17	18.10	19	3
10	256QAM	1	49	18.13	18.14	18.15	18.01	18.15		
10	256QAM	25	0	18.04	18.00	18.10	18.04	18.01		
10	256QAM	25	12	18.10	18.06	18.13	18.06	18.06	19	3
10	256QAM	25	25	18.18	18.07	18.15	18.11	18.10		
10	256QAM	50	0	18.16	18.12	18.18	18.04	18.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.99	21.01	20.98	21.01	20.97		
5	QPSK	1	12	20.95	20.99	20.97	20.90	20.80	22	0
5	QPSK	1	24	20.90	20.80	21.03	20.85	20.95		
5	QPSK	12	0	20.98	21.07	21.04	20.84	20.97		
5	QPSK	12	7	20.94	20.94	21.11	20.87	20.82	22	0
5	QPSK	12	13	21.09	21.09	21.12	21.06	20.89		
5	QPSK	25	0	21.06	20.89	21.03	21.03	20.75		
5	16QAM	1	0	21.02	20.89	21.14	20.96	20.93		
5	16QAM	1	12	21.07	20.82	21.18	20.92	20.90	22	0
5	16QAM	1	24	20.86	20.96	21.20	20.94	20.93		
5	16QAM	12	0	20.81	20.84	20.79	20.74	20.71		
5	16QAM	12	7	20.91	20.80	20.86	20.86	20.82	22	0
5	16QAM	12	13	20.87	20.86	20.86	20.81	20.82		
5	16QAM	25	0	20.80	20.77	20.85	20.77	20.75		
5	64QAM	1	0	20.86	20.87	20.96	20.83	20.83		
5	64QAM	1	12	20.84	20.72	20.83	20.72	20.78	22	0
5	64QAM	1	24	20.86	20.83	20.88	20.81	20.75		
5	64QAM	12	0	19.89	19.82	19.96	19.86	19.94		
5	64QAM	12	7	19.79	19.87	19.88	19.87	19.87	21	1
5	64QAM	12	13	19.87	19.91	19.88	19.87	19.83		
5	64QAM	25	0	19.84	19.92	19.93	19.85	19.90		
5	256QAM	1	0	18.15	18.12	18.17	18.12	18.16		
5	256QAM	1	12	18.13	18.15	18.18	18.15	18.16	19	3
5	256QAM	1	24	18.14	18.12	18.17	17.98	18.15		
5	256QAM	12	0	18.01	17.98	18.08	18.06	18.03		
5	256QAM	12	7	18.06	17.99	18.13	18.13	18.02	19	3
5	256QAM	12	13	18.09	18.10	18.14	18.13	18.14		
5	256QAM	25	0	18.14	18.15	18.20	18.13	18.10		

Reduced Power for NSA DSI 7

Band 4 Ant0 Main PA DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.83	20.01	19.79	21	0
20	QPSK	1	49	19.8	19.97	19.77		
20	QPSK	1	99	19.78	19.96	19.85		
20	QPSK	50	0	19.79	19.98	19.78	21	0
20	QPSK	50	24	19.8	19.83	19.91		
20	QPSK	50	50	19.74	19.85	19.81		
20	QPSK	100	0	19.71	19.95	19.86		
20	16QAM	1	0	19.77	19.83	19.83	21	0
20	16QAM	1	49	19.84	19.94	19.86		
20	16QAM	1	99	19.8	19.84	19.88		
20	16QAM	50	0	19.8	19.88	19.86	21	0
20	16QAM	50	24	19.88	19.9	19.91		
20	16QAM	50	50	19.86	19.92	19.91		
20	16QAM	100	0	19.89	19.9	19.81		
20	64QAM	1	0	19.84	19.88	19.88	21	0
20	64QAM	1	49	19.73	19.99	19.78		
20	64QAM	1	99	19.83	19.9	19.88		
20	64QAM	50	0	19.86	19.95	19.9	21	0
20	64QAM	50	24	19.91	20.01	19.94		
20	64QAM	50	50	19.96	20	19.94		
20	64QAM	100	0	19.88	19.95	19.84		
20	256QAM	1	0	17.67	17.71	17.65	19	2
20	256QAM	1	49	17.55	17.61	17.53		
20	256QAM	1	99	17.58	17.6	17.57		
20	256QAM	50	0	17.59	17.69	17.59	19	2
20	256QAM	50	24	17.56	17.67	17.58		
20	256QAM	50	50	17.59	17.64	17.59		
20	256QAM	100	0	17.57	17.65	17.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.65	19.79	19.69	21	0
15	QPSK	1	37	19.65	19.81	19.69		
15	QPSK	1	74	19.64	19.87	19.76		
15	QPSK	36	0	19.73	19.66	19.82	21	0
15	QPSK	36	20	19.69	19.77	19.64		
15	QPSK	36	39	19.61	19.77	19.63		
15	QPSK	75	0	19.52	19.86	19.68		
15	16QAM	1	0	19.69	19.79	19.75	21	0
15	16QAM	1	37	19.8	19.83	19.83		
15	16QAM	1	74	19.77	19.81	19.69		
15	16QAM	36	0	19.64	19.77	19.83	21	0
15	16QAM	36	20	19.8	19.83	19.76		
15	16QAM	36	39	19.69	19.87	19.84		
15	16QAM	75	0	19.78	19.88	19.77		
15	64QAM	1	0	19.81	19.86	19.73	21	0
15	64QAM	1	37	19.57	19.81	19.75		
15	64QAM	1	74	19.67	19.87	19.79		
15	64QAM	36	0	19.82	19.93	19.84	21	0
15	64QAM	36	20	19.85	19.91	19.86		
15	64QAM	36	39	19.9	19.89	19.86		
15	64QAM	75	0	19.77	19.92	19.77		
15	256QAM	1	0	17.65	17.66	17.61	19	2
15	256QAM	1	37	17.46	17.53	17.52		
15	256QAM	1	74	17.5	17.54	17.51		
15	256QAM	36	0	17.53	17.61	17.58	19	2
15	256QAM	36	20	17.52	17.63	17.53		
15	256QAM	36	39	17.49	17.55	17.5		
15	256QAM	75	0	17.48	17.56	17.53		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.65	19.71	19.66	21	0
10	QPSK	1	25	19.72	19.82	19.61		
10	QPSK	1	49	19.73	19.9	19.71		
10	QPSK	25	0	19.69	19.7	19.88	21	0
10	QPSK	25	12	19.62	19.75	19.67		
10	QPSK	25	25	19.6	19.77	19.67		
10	QPSK	50	0	19.54	19.79	19.84		
10	16QAM	1	0	19.62	19.78	19.7	21	0
10	16QAM	1	25	19.79	19.75	19.8		
10	16QAM	1	49	19.74	19.77	19.79		
10	16QAM	25	0	19.67	19.73	19.78	21	0
10	16QAM	25	12	19.8	19.85	19.81		
10	16QAM	25	25	19.71	19.86	19.83		
10	16QAM	50	0	19.83	19.82	19.66		
10	64QAM	1	0	19.79	19.77	19.74	21	0
10	64QAM	1	25	19.54	19.87	19.76		
10	64QAM	1	49	19.64	19.71	19.69		
10	64QAM	25	0	19.76	19.91	19.8	21	0
10	64QAM	25	12	19.81	19.99	19.91		
10	64QAM	25	25	19.89	19.96	19.85		
10	64QAM	50	0	19.82	19.84	19.76		
10	256QAM	1	0	17.62	17.68	17.57	19	2
10	256QAM	1	25	17.46	17.53	17.45		
10	256QAM	1	49	17.48	17.59	17.51		
10	256QAM	25	0	17.57	17.61	17.55	19	2
10	256QAM	25	12	17.5	17.64	17.52		
10	256QAM	25	25	17.54	17.61	17.56		
10	256QAM	50	0	17.53	17.61	17.5		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.65	19.83	19.75	21	0
5	QPSK	1	12	19.76	19.89	19.75		
5	QPSK	1	24	19.61	19.86	19.71		
5	QPSK	12	0	19.78	19.76	19.86	21	0
5	QPSK	12	7	19.77	19.86	19.77		
5	QPSK	12	13	19.68	19.75	19.75		
5	QPSK	25	0	19.68	19.83	19.71		
5	16QAM	1	0	19.62	19.77	19.72	21	0
5	16QAM	1	12	19.65	19.77	19.75		
5	16QAM	1	24	19.63	19.78	19.77		
5	16QAM	12	0	19.63	19.76	19.82	21	0
5	16QAM	12	7	19.84	19.87	19.75		
5	16QAM	12	13	19.78	19.78	19.78		
5	16QAM	25	0	19.71	19.74	19.76		
5	64QAM	1	0	19.79	19.71	19.78	21	0
5	64QAM	1	12	19.69	19.98	19.66		
5	64QAM	1	24	19.8	19.72	19.82		
5	64QAM	12	0	19.78	19.85	19.85	21	0
5	64QAM	12	7	19.87	19.99	19.93		
5	64QAM	12	13	19.9	19.97	19.84		
5	64QAM	25	0	19.81	19.94	19.83		
5	256QAM	1	0	17.61	17.65	17.57	19	2
5	256QAM	1	12	17.51	17.57	17.47		
5	256QAM	1	24	17.55	17.58	17.49		
5	256QAM	12	0	17.56	17.63	17.58	19	2
5	256QAM	12	7	17.47	17.66	17.54		
5	256QAM	12	13	17.48	17.56	17.5		
5	256QAM	25	0	17.51	17.6	17.51		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.7	19.83	19.65	21	0
3	QPSK	1	8	19.78	19.82	19.71		
3	QPSK	1	14	19.75	19.87	19.69		
3	QPSK	8	0	19.79	19.79	19.75	21	0
3	QPSK	8	4	19.65	19.72	19.6		
3	QPSK	8	7	19.72	19.75	19.79		
3	QPSK	15	0	19.64	19.85	19.7		
3	16QAM	1	0	19.7	19.79	19.75	21	0
3	16QAM	1	8	19.71	19.8	19.69		
3	16QAM	1	14	19.7	19.73	19.81		
3	16QAM	8	0	19.78	19.72	19.69	21	0
3	16QAM	8	4	19.75	19.82	19.78		
3	16QAM	8	7	19.77	19.74	19.78		
3	16QAM	15	0	19.72	19.89	19.67		
3	64QAM	1	0	19.73	19.78	19.82	21	0
3	64QAM	1	8	19.67	19.81	19.69		
3	64QAM	1	14	19.65	19.77	19.81		
3	64QAM	8	0	19.81	19.93	19.84	21	0
3	64QAM	8	4	19.85	19.97	19.87		
3	64QAM	8	7	19.9	19.99	19.91		
3	64QAM	15	0	19.77	19.9	19.81		
3	256QAM	1	0	17.62	17.68	17.59	19	2
3	256QAM	1	8	17.5	17.51	17.49		
3	256QAM	1	14	17.56	17.49	17.56		
3	256QAM	8	0	17.49	17.68	17.55	19	2
3	256QAM	8	4	17.54	17.6	17.48		
3	256QAM	8	7	17.49	17.57	17.53		
3	256QAM	15	0	17.48	17.58	17.5		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.76	19.68	19.7	21	0
1.4	QPSK	1	3	19.63	19.89	19.69		
1.4	QPSK	1	5	19.64	19.89	19.83		
1.4	QPSK	3	0	19.72	19.65	19.75		
1.4	QPSK	3	1	19.66	19.86	19.6		
1.4	QPSK	3	3	19.72	19.83	19.68		
1.4	QPSK	6	0	19.58	19.76	19.76	21	0
1.4	16QAM	1	0	19.72	19.65	19.71	21	0
1.4	16QAM	1	3	19.7	19.77	19.79		
1.4	16QAM	1	5	19.67	19.81	19.83		
1.4	16QAM	3	0	19.7	19.72	19.82		
1.4	16QAM	3	1	19.73	19.81	19.84		
1.4	16QAM	3	3	19.75	19.8	19.88		
1.4	16QAM	6	0	19.81	19.85	19.77	21	0
1.4	64QAM	1	0	19.78	19.84	19.86	21	0
1.4	64QAM	1	3	19.63	19.82	19.72		
1.4	64QAM	1	5	19.73	19.84	19.75		
1.4	64QAM	3	0	19.77	19.73	19.74		
1.4	64QAM	3	1	19.78	19.7	19.75		
1.4	64QAM	3	3	19.77	19.69	19.75		
1.4	64QAM	6	0	19.8	19.92	19.79	21	0
1.4	256QAM	1	0	17.63	17.67	17.59	19	2
1.4	256QAM	1	3	17.48	17.53	17.47		
1.4	256QAM	1	5	17.54	17.5	17.48		
1.4	256QAM	3	0	17.56	17.62	17.5		
1.4	256QAM	3	1	17.46	17.65	17.5		
1.4	256QAM	3	3	17.52	17.54	17.57		
1.4	256QAM	6	0	17.46	17.63	17.55	19	2

Band 7 Ant0 Main PA DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.75	20.82	20.64	22	0
20	QPSK	1	49	20.61	20.75	20.65		
20	QPSK	1	99	20.59	20.71	20.56		
20	QPSK	50	0	20.69	20.78	20.64	22	0
20	QPSK	50	24	20.61	20.62	20.67		
20	QPSK	50	50	20.59	20.7	20.57		
20	QPSK	100	0	20.6	20.76	20.59		
20	16QAM	1	0	20.71	20.66	20.71	22	0
20	16QAM	1	49	20.66	20.63	20.7		
20	16QAM	1	99	20.62	20.68	20.55		
20	16QAM	50	0	20.6	20.79	20.63	22	0
20	16QAM	50	24	20.74	20.67	20.58		
20	16QAM	50	50	20.71	20.63	20.61		
20	16QAM	100	0	20.63	20.66	20.68		
20	64QAM	1	0	20.61	20.72	20.56	22	0
20	64QAM	1	49	20.71	20.77	20.68		
20	64QAM	1	99	20.62	20.62	20.56		
20	64QAM	50	0	20.49	20.54	20.49	21.5	0.5
20	64QAM	50	24	20.52	20.57	20.53		
20	64QAM	50	50	20.46	20.52	20.48		
20	64QAM	100	0	20.43	20.52	20.45		
20	256QAM	1	0	18.16	18.19	18.12	19.5	2.5
20	256QAM	1	49	18.13	18.18	18.14		
20	256QAM	1	99	18.01	18.11	18.09		
20	256QAM	50	0	18.16	18.2	18.11	19.5	2.5
20	256QAM	50	24	18.19	18.2	18.17		
20	256QAM	50	50	18.17	18.19	18.15		
20	256QAM	100	0	18.2	18.22	18.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.73	20.68	20.62	22	0
15	QPSK	1	37	20.52	20.66	20.55		
15	QPSK	1	74	20.57	20.58	20.51		
15	QPSK	36	0	20.53	20.57	20.66	22	0
15	QPSK	36	20	20.5	20.77	20.52		
15	QPSK	36	39	20.54	20.65	20.59		
15	QPSK	75	0	20.59	20.7	20.56		
15	16QAM	1	0	20.63	20.51	20.55	22	0
15	16QAM	1	37	20.56	20.61	20.65		
15	16QAM	1	74	20.53	20.5	20.59		
15	16QAM	36	0	20.59	20.73	20.62	22	0
15	16QAM	36	20	20.71	20.57	20.57		
15	16QAM	36	39	20.7	20.53	20.56		
15	16QAM	75	0	20.56	20.57	20.62		
15	64QAM	1	0	20.54	20.56	20.51	22	0
15	64QAM	1	37	20.61	20.62	20.57		
15	64QAM	1	74	20.5	20.52	20.54		
15	64QAM	36	0	20.46	20.49	20.47	21.5	0.5
15	64QAM	36	20	20.47	20.54	20.51		
15	64QAM	36	39	20.39	20.51	20.46		
15	64QAM	75	0	20.33	20.46	20.43		
15	256QAM	1	0	18.13	18.17	18.05	19.5	2.5
15	256QAM	1	37	18.03	18.16	18.04		
15	256QAM	1	74	18.13	18.05	18.02		
15	256QAM	36	0	18.09	18.15	18.01	19.5	2.5
15	256QAM	36	20	18.16	18.15	18.11		
15	256QAM	36	39	18.08	18.13	18.09		
15	256QAM	75	0	18.16	18.18	18.04		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.72	20.79	20.56	22	0
10	QPSK	1	25	20.55	20.61	20.55		
10	QPSK	1	49	20.56	20.66	20.58		
10	QPSK	25	0	20.59	20.54	20.52	22	0
10	QPSK	25	12	20.55	20.65	20.57		
10	QPSK	25	25	20.54	20.51	20.59		
10	QPSK	50	0	20.58	20.58	20.54		
10	16QAM	1	0	20.57	20.61	20.6	22	0
10	16QAM	1	25	20.62	20.57	20.59		
10	16QAM	1	49	20.55	20.63	20.59		
10	16QAM	25	0	20.57	20.74	20.58	22	0
10	16QAM	25	12	20.62	20.55	20.57		
10	16QAM	25	25	20.65	20.53	20.59		
10	16QAM	50	0	20.5	20.6	20.5		
10	64QAM	1	0	20.5	20.55	20.51	22	0
10	64QAM	1	25	20.55	20.71	20.66		
10	64QAM	1	49	20.51	20.6	20.54		
10	64QAM	25	0	20.48	20.51	20.44	21.5	0.5
10	64QAM	25	12	20.48	20.56	20.51		
10	64QAM	25	25	20.38	20.47	20.47		
10	64QAM	50	0	20.39	20.43	20.44		
10	256QAM	1	0	18.12	18.15	18.06	19.5	2.5
10	256QAM	1	25	18.06	18.13	18.07		
10	256QAM	1	49	18.13	18.08	18.01		
10	256QAM	25	0	18.07	18.12	18.07	19.5	2.5
10	256QAM	25	12	18.16	18.19	18.13		
10	256QAM	25	25	18.08	18.18	18.14		
10	256QAM	50	0	18.16	18.2	18.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.73	20.8	20.61	22	0
5	QPSK	1	12	20.58	20.62	20.5		
5	QPSK	1	24	20.54	20.63	20.54		
5	QPSK	12	0	20.6	20.58	20.51	22	0
5	QPSK	12	7	20.68	20.66	20.57		
5	QPSK	12	13	20.54	20.52	20.51		
5	QPSK	25	0	20.55	20.72	20.55		
5	16QAM	1	0	20.52	20.51	20.64	22	0
5	16QAM	1	12	20.56	20.59	20.67		
5	16QAM	1	24	20.52	20.61	20.58		
5	16QAM	12	0	20.58	20.66	20.51	22	0
5	16QAM	12	7	20.7	20.64	20.54		
5	16QAM	12	13	20.65	20.59	20.58		
5	16QAM	25	0	20.6	20.57	20.5		
5	64QAM	1	0	20.55	20.67	20.58	22	0
5	64QAM	1	12	20.64	20.64	20.66		
5	64QAM	1	24	20.59	20.51	20.53		
5	64QAM	12	0	20.43	20.45	20.46	21.5	0.5
5	64QAM	12	7	20.49	20.52	20.43		
5	64QAM	12	13	20.4	20.5	20.42		
5	64QAM	25	0	20.35	20.46	20.35		
5	256QAM	1	0	18.14	18.14	18.11	19.5	2.5
5	256QAM	1	12	18.07	18.08	18.07		
5	256QAM	1	24	18	18.02	18.01		
5	256QAM	12	0	18.08	18.15	18.01	19.5	2.5
5	256QAM	12	7	18.12	18.1	18.13		
5	256QAM	12	13	18.06	18.16	18.05		
5	256QAM	25	0	18.11	18.13	18.11		

Band 66 Ant0 Other PA DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.16	22.33	22.22	22.7	0
20	QPSK	1	49	22.24	22.13	22.21		
20	QPSK	1	99	22.29	22.13	22.12		
20	QPSK	50	0	22.21	22.31	22.14	22.7	0
20	QPSK	50	24	22.16	22.29	22.22		
20	QPSK	50	50	22.28	22.23	22.24		
20	QPSK	100	0	22.16	22.2	22.15		
20	16QAM	1	0	22.15	22.25	22.16	22.7	0
20	16QAM	1	49	22.14	22.16	22.21		
20	16QAM	1	99	22.2	22.29	22.1		
20	16QAM	50	0	22.25	22.25	22.21	22.7	0
20	16QAM	50	24	22.12	22.2	22.13		
20	16QAM	50	50	22.26	22.14	22.1		
20	16QAM	100	0	22.24	22.28	22.17		
20	64QAM	1	0	22.18	22.22	22.16	22.7	0
20	64QAM	1	49	22.19	22.21	22.18		
20	64QAM	1	99	22.23	22.26	22.21		
20	64QAM	50	0	22.11	22.14	22.1	22.7	0
20	64QAM	50	24	22.13	22.22	22.13		
20	64QAM	50	50	22.17	22.2	22.17		
20	64QAM	100	0	22.07	22.15	22.04		
20	256QAM	1	0	20.15	20.21	20.12	20.7	2
20	256QAM	1	49	20.1	20.21	20.12		
20	256QAM	1	99	20.08	20.19	20.09		
20	256QAM	50	0	20.13	20.18	20.13	20.7	2
20	256QAM	50	24	20.14	20.21	20.19		
20	256QAM	50	50	20.14	20.16	20.15		
20	256QAM	100	0	20.03	20.14	20.1		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22	22.29	22.03	22.7	0
15	QPSK	1	37	22.06	22.1	22.1		
15	QPSK	1	74	22.12	21.95	22		
15	QPSK	36	0	22.03	22.15	22.04	22.7	0
15	QPSK	36	20	22.16	22.19	21.97		
15	QPSK	36	39	22.24	22.19	22.16		
15	QPSK	75	0	22.14	22.08	22		
15	16QAM	1	0	22.12	22.21	22.01	22.7	0
15	16QAM	1	37	21.96	22.07	22.14		
15	16QAM	1	74	22.14	22.12	21.99		
15	16QAM	36	0	22.1	22.23	22.06	22.7	0
15	16QAM	36	20	22.04	22.04	22.05		
15	16QAM	36	39	22.12	22.03	22.08		
15	16QAM	75	0	22.11	22.26	22.13		
15	64QAM	1	0	22.03	22.15	22.06	22.7	0
15	64QAM	1	37	22.06	22.03	22.14		
15	64QAM	1	74	22.16	22.13	22.12		
15	64QAM	36	0	22.07	22.05	22	22.7	0
15	64QAM	36	20	22.11	22.18	22.03		
15	64QAM	36	39	22.07	22.13	22.09		
15	64QAM	75	0	22	22.11	22.03		
15	256QAM	1	0	20.05	20.14	20.07	20.7	2
15	256QAM	1	37	20	20.16	20.1		
15	256QAM	1	74	20.01	20.13	20.03		
15	256QAM	36	0	20.11	20.16	20.08	20.7	2
15	256QAM	36	20	20.12	20.19	20.12		
15	256QAM	36	39	20.06	20.09	20.09		
15	256QAM	75	0	19.93	20.1	20.05		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.12	22.17	22.14	22.7	0
10	QPSK	1	25	22.06	22.09	22.2		
10	QPSK	1	49	22.23	21.99	21.97		
10	QPSK	25	0	22.05	22.14	22.08	22.7	0
10	QPSK	25	12	22.06	22.21	22.07		
10	QPSK	25	25	22.25	22.04	22.21		
10	QPSK	50	0	22.01	22.02	22.02		
10	16QAM	1	0	22.03	22.22	22.08	22.7	0
10	16QAM	1	25	22	22.09	22.05		
10	16QAM	1	49	22.02	22.17	21.94		
10	16QAM	25	0	22.19	22.2	22.07	22.7	0
10	16QAM	25	12	22.09	22.07	22.05		
10	16QAM	25	25	22.12	22.04	22.07		
10	16QAM	50	0	22.21	22.14	22.05		
10	64QAM	1	0	22.16	22.11	22.01	22.7	0
10	64QAM	1	25	22.14	22.19	22.1		
10	64QAM	1	49	22.16	22.18	22.04		
10	64QAM	25	0	22.05	22.06	22.03	22.7	0
10	64QAM	25	12	22.08	22.12	22.08		
10	64QAM	25	25	22.16	22.18	22.08		
10	64QAM	50	0	22	22.08	21.98		
10	256QAM	1	0	20.12	20.13	20.11	20.7	2
10	256QAM	1	25	20	20.12	20.1		
10	256QAM	1	49	20.01	20.17	20.06		
10	256QAM	25	0	20.11	20.08	20.08	20.7	2
10	256QAM	25	12	20.05	20.16	20.08		
10	256QAM	25	25	20.1	20.13	20.06		
10	256QAM	50	0	19.93	20.04	20.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.13	22.16	22.06	22.7	0
5	QPSK	1	12	22.23	22.01	22.09		
5	QPSK	1	24	22.2	22	22.09		
5	QPSK	12	0	21.97	22.15	22.08	22.7	0
5	QPSK	12	7	22.14	22.23	21.99		
5	QPSK	12	13	22.17	22.22	22.17		
5	QPSK	25	0	21.98	22.06	22.01		
5	16QAM	1	0	22.13	22.08	22.05	22.7	0
5	16QAM	1	12	21.98	21.99	22.11		
5	16QAM	1	24	22.01	22.1	22.07		
5	16QAM	12	0	22.23	22.17	22.11	22.7	0
5	16QAM	12	7	22.04	22.17	22.1		
5	16QAM	12	13	22.09	21.98	22.09		
5	16QAM	25	0	22.18	22.1	22.09		
5	64QAM	1	0	22.09	22.14	22.12	22.7	0
5	64QAM	1	12	22.15	22.02	22.12		
5	64QAM	1	24	22.07	22.16	22.06		
5	64QAM	12	0	22.01	22.11	22.04	22.7	0
5	64QAM	12	7	22.04	22.2	22.02		
5	64QAM	12	13	22.07	22.18	22.13		
5	64QAM	25	0	21.99	22.06	21.95		
5	256QAM	1	0	20.09	20.19	20.04	20.7	2
5	256QAM	1	12	20.02	20.17	20.08		
5	256QAM	1	24	19.97	20.12	20.08		
5	256QAM	12	0	20.03	20.1	20.05	20.7	2
5	256QAM	12	7	20.11	20.11	20.13		
5	256QAM	12	13	20.06	20.11	20.13		
5	256QAM	25	0	19.92	20.13	20.01		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.13	22.31	22.03	22.7	0
3	QPSK	1	8	22.08	21.95	22.15		
3	QPSK	1	14	22.16	22.02	22.11		
3	QPSK	8	0	22.07	22.21	22.19	22.7	0
3	QPSK	8	4	22.04	22.18	22.02		
3	QPSK	8	7	22.23	22.18	22.13		
3	QPSK	15	0	22.12	22.08	22.14		
3	16QAM	1	0	22.01	22.09	22.08	22.7	0
3	16QAM	1	8	22.01	22.01	22.17		
3	16QAM	1	14	22.12	22.26	21.99		
3	16QAM	8	0	22.13	22.17	22.07	22.7	0
3	16QAM	8	4	22.11	22.04	22.01		
3	16QAM	8	7	22.18	22.11	22.04		
3	16QAM	15	0	22.13	22.21	21.98		
3	64QAM	1	0	22.15	22.06	21.99	22.7	0
3	64QAM	1	8	22.1	22.08	22		
3	64QAM	1	14	22.17	22.16	22.19		
3	64QAM	8	0	22.07	22.07	22.08	22.7	0
3	64QAM	8	4	22.05	22.19	22.06		
3	64QAM	8	7	22.13	22.16	22.08		
3	64QAM	15	0	22.02	22.06	22.01		
3	256QAM	1	0	20.13	20.14	20.02	20.7	2
3	256QAM	1	8	19.99	20.18	20.09		
3	256QAM	1	14	19.97	20.13	20.03		
3	256QAM	8	0	20.08	20.1	20.08	20.7	2
3	256QAM	8	4	20.06	20.2	20.15		
3	256QAM	8	7	20.06	20.07	20.09		
3	256QAM	15	0	19.94	20.11	20.07		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.09	22.15	22.09	22.7	0
1.4	QPSK	1	3	22.14	21.95	22.09		
1.4	QPSK	1	5	22.12	21.96	21.94		
1.4	QPSK	3	0	22.15	22.22	22.17		
1.4	QPSK	3	1	22.14	22.15	22.04		
1.4	QPSK	3	3	22.27	22.21	22.15		
1.4	QPSK	6	0	22.04	22.17	21.99	22.7	0
1.4	16QAM	1	0	22.12	22.08	22	22.7	0
1.4	16QAM	1	3	21.99	22.05	22.06		
1.4	16QAM	1	5	22.07	22.15	22.07		
1.4	16QAM	3	0	22.08	22.14	22.12		
1.4	16QAM	3	1	22.02	22.05	22.07		
1.4	16QAM	3	3	22.23	21.97	22.04		
1.4	16QAM	6	0	22.2	22.2	22.13	22.7	0
1.4	64QAM	1	0	22.04	22.18	22.02	22.7	0
1.4	64QAM	1	3	22.05	22.07	22.16		
1.4	64QAM	1	5	22.06	22.11	22.05		
1.4	64QAM	3	0	22.02	22.32	22.18		
1.4	64QAM	3	1	21.99	22.26	22.1		
1.4	64QAM	3	3	22.1	22.2	22.04		
1.4	64QAM	6	0	22.04	22.09	22	22.7	0
1.4	256QAM	1	0	20.11	20.1	20.05	20.7	2
1.4	256QAM	1	3	20.03	20.13	20.03		
1.4	256QAM	1	5	20.06	20.12	20.02		
1.4	256QAM	3	0	20.05	20.17	20.1		
1.4	256QAM	3	1	20.06	20.16	20.17		
1.4	256QAM	3	3	20.09	20.14	20.12		
1.4	256QAM	6	0	20	20.12	20.01	20.7	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.29	22.46	22.08	23	0
20	QPSK	1	49	22.28	22.20	22.10		
20	QPSK	1	99	22.29	22.26	22.09		
20	QPSK	50	0	22.09	22.46	22.16	23	0
20	QPSK	50	24	22.29	22.40	22.33		
20	QPSK	50	50	22.14	22.21	22.10		
20	QPSK	100	0	22.31	22.35	22.26		
20	16QAM	1	0	22.17	22.20	22.16	23	0
20	16QAM	1	49	22.09	22.17	22.13		
20	16QAM	1	99	22.09	22.16	22.13		
20	16QAM	50	0	21.18	21.20	21.13	22	1
20	16QAM	50	24	21.17	21.24	21.14		
20	16QAM	50	50	21.06	21.16	21.12		
20	16QAM	100	0	21.10	21.20	21.13		
20	64QAM	1	0	21.28	21.30	21.23	22	1
20	64QAM	1	49	21.15	21.21	21.19		
20	64QAM	1	99	21.18	21.24	21.23		
20	64QAM	50	0	20.13	20.16	20.07	21	2
20	64QAM	50	24	20.14	20.19	20.12		
20	64QAM	50	50	20.13	20.23	20.13		
20	64QAM	100	0	20.12	20.21	20.18		
20	256QAM	1	0	17.94	18.01	17.94	19	4
20	256QAM	1	49	17.83	17.93	17.89		
20	256QAM	1	99	17.91	17.94	17.88		
20	256QAM	50	0	17.93	17.97	17.94	19	4
20	256QAM	50	24	17.89	17.98	17.92		
20	256QAM	50	50	17.93	17.99	17.97		
20	256QAM	100	0	17.89	17.96	17.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
15	QPSK	1	0	22.20	22.32	22.03	23	0
15	QPSK	1	37	22.13	22.03	21.96		
15	QPSK	1	74	22.17	22.21	21.93		
15	QPSK	36	0	22.12	22.32	22.20	23	0
15	QPSK	36	20	22.02	22.45	22.12		
15	QPSK	36	39	22.11	22.16	21.94		
15	QPSK	75	0	22.19	22.19	22.20		
15	16QAM	1	0	22.09	21.99	21.95	23	0
15	16QAM	1	37	22.11	22.11	22.01		
15	16QAM	1	74	22.07	22.01	21.92		
15	16QAM	36	0	21.18	20.99	21.09	22	1
15	16QAM	36	20	21.01	21.25	20.99		
15	16QAM	36	39	20.90	20.99	21.10		
15	16QAM	75	0	20.95	21.04	20.99		
15	64QAM	1	0	21.25	21.24	21.05	22	1
15	64QAM	1	37	21.09	21.15	21.18		
15	64QAM	1	74	20.97	21.12	21.21		
15	64QAM	36	0	19.92	19.96	20.03	21	2
15	64QAM	36	20	20.05	20.15	19.99		
15	64QAM	36	39	19.95	20.14	20.03		
15	64QAM	75	0	20.05	20.00	20.03		
15	256QAM	1	0	17.95	17.94	17.79	19	4
15	256QAM	1	37	17.85	17.93	17.69		
15	256QAM	1	74	17.70	17.89	17.87		
15	256QAM	36	0	17.86	17.77	17.94	19	4
15	256QAM	36	20	17.80	17.79	17.89		
15	256QAM	36	39	17.86	18.00	17.91		
15	256QAM	75	0	17.85	17.85	17.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.17	22.16	22.06	23	0
10	QPSK	1	25	22.25	22.09	21.99		
10	QPSK	1	49	22.25	22.16	21.95		
10	QPSK	25	0	22.30	22.21	22.16	23	0
10	QPSK	25	12	21.98	22.38	22.10		
10	QPSK	25	25	22.14	22.12	22.12		
10	QPSK	50	0	22.28	22.16	22.12		
10	16QAM	1	0	22.10	22.10	22.04	23	0
10	16QAM	1	25	21.95	22.13	22.04		
10	16QAM	1	49	21.99	22.14	21.96		
10	16QAM	25	0	21.16	21.18	21.15	22	1
10	16QAM	25	12	20.99	21.17	20.94		
10	16QAM	25	25	20.98	20.99	21.03		
10	16QAM	50	0	20.96	20.99	21.11		
10	64QAM	1	0	21.25	21.21	21.16	22	1
10	64QAM	1	25	21.07	21.16	21.14		
10	64QAM	1	49	21.06	21.05	21.11		
10	64QAM	25	0	20.10	20.15	19.94	21	2
10	64QAM	25	12	20.08	20.16	19.94		
10	64QAM	25	25	19.93	20.11	20.01		
10	64QAM	50	0	20.07	20.19	20.10		
10	256QAM	1	0	17.94	18.02	17.82	19	4
10	256QAM	1	25	17.83	17.85	17.69		
10	256QAM	1	49	17.76	17.75	17.73		
10	256QAM	25	0	17.77	17.87	17.76	19	4
10	256QAM	25	12	17.71	17.87	17.87		
10	256QAM	25	25	17.83	17.90	17.92		
10	256QAM	50	0	17.68	17.92	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.27	22.23	22.03	23	0
5	QPSK	1	12	22.24	22.10	21.99		
5	QPSK	1	24	22.16	22.09	21.94		
5	QPSK	12	0	22.25	22.31	22.11	23	0
5	QPSK	12	7	21.89	22.41	22.01		
5	QPSK	12	13	21.97	22.11	22.12		
5	QPSK	25	0	22.12	22.21	22.19		
5	16QAM	1	0	22.13	22.20	22.00	23	0
5	16QAM	1	12	21.97	22.07	22.13		
5	16QAM	1	24	22.05	22.17	21.98		
5	16QAM	12	0	20.96	20.99	21.08	22	1
5	16QAM	12	7	20.96	21.25	21.10		
5	16QAM	12	13	21.00	21.08	20.92		
5	16QAM	25	0	20.99	21.04	21.04		
5	64QAM	1	0	21.22	21.21	21.20	22	1
5	64QAM	1	12	20.95	21.17	21.03		
5	64QAM	1	24	21.12	21.16	21.22		
5	64QAM	12	0	19.99	20.08	19.97	21	2
5	64QAM	12	7	20.15	20.15	20.04		
5	64QAM	12	13	20.08	20.24	19.93		
5	64QAM	25	0	20.10	20.20	19.99		
5	256QAM	1	0	17.89	17.97	17.94	19	4
5	256QAM	1	12	17.80	17.81	17.81		
5	256QAM	1	24	17.87	17.78	17.83		
5	256QAM	12	0	17.79	17.84	17.85	19	4
5	256QAM	12	7	17.77	17.83	17.75		
5	256QAM	12	13	17.83	17.85	17.96		
5	256QAM	25	0	17.79	17.79	17.87		

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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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	22.07	21.99	22.41	22.09	22.08		
20	QPSK	1	49	22.09	22.03	22.10	22.08	22.06	23	0
20	QPSK	1	99	22.10	22.00	22.10	22.05	22.07		
20	QPSK	50	0	22.22	22.26	22.39	22.21	22.30		
20	QPSK	50	24	22.34	22.33	22.35	22.27	22.29	23	0
20	QPSK	50	50	22.11	22.05	22.15	22.10	22.06		
20	QPSK	100	0	22.20	22.20	22.25	22.19	22.18		
20	16QAM	1	0	21.97	21.97	22.08	22.02	22.01		
20	16QAM	1	49	21.94	22.00	22.03	21.96	22.00	23	0
20	16QAM	1	99	22.01	21.95	22.05	21.98	22.01		
20	16QAM	50	0	21.00	21.01	21.04	21.00	20.99		
20	16QAM	50	24	21.00	21.00	21.10	21.05	21.02	22	1
20	16QAM	50	50	21.09	20.99	21.10	21.00	21.02		
20	16QAM	100	0	21.00	20.96	21.06	21.02	21.00		
20	64QAM	1	0	21.21	21.14	21.23	21.16	21.13		
20	64QAM	1	49	21.09	21.08	21.12	21.05	21.07	22	1
20	64QAM	1	99	21.01	21.07	21.11	21.06	21.04		
20	64QAM	50	0	20.01	20.02	20.08	20.00	19.99		
20	64QAM	50	24	20.09	20.09	20.12	20.09	20.04	21	2
20	64QAM	50	50	19.99	20.03	20.06	19.95	20.04		
20	64QAM	100	0	19.97	20.00	20.06	19.97	20.00		
20	256QAM	1	0	17.91	17.90	17.99	17.88	17.94		
20	256QAM	1	49	17.87	17.85	17.88	17.86	17.79	19	4
20	256QAM	1	99	17.85	17.79	17.86	17.79	17.82		
20	256QAM	50	0	17.86	17.85	17.89	17.83	17.87		
20	256QAM	50	24	17.89	17.90	17.94	17.88	17.89	19	4
20	256QAM	50	50	17.88	17.92	17.95	17.90	17.88		
20	256QAM	100	0	17.88	17.96	17.97	17.89	17.88		
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	21.96	21.96	21.96	22.00	21.91	23	0
15	QPSK	1	37	21.99	21.91	22.01	21.98	21.98		
15	QPSK	1	74	22.07	21.88	22.09	21.97	21.96		
15	QPSK	36	0	22.13	22.13	22.35	22.24	22.17	23	0
15	QPSK	36	20	22.11	22.12	22.21	22.05	22.27		
15	QPSK	36	39	22.05	21.96	22.12	22.06	21.97		
15	QPSK	75	0	22.18	22.10	22.22	21.99	22.16		
15	16QAM	1	0	21.95	21.90	21.89	22.02	22.01	23	0
15	16QAM	1	37	21.87	21.80	21.85	21.82	21.97		
15	16QAM	1	74	22.01	21.81	22.04	21.79	21.85		
15	16QAM	36	0	20.94	20.95	21.05	20.98	20.90	22	1
15	16QAM	36	20	20.93	20.99	21.02	20.89	21.03		
15	16QAM	36	39	21.02	21.00	21.01	20.91	20.86		
15	16QAM	75	0	20.89	20.95	21.05	20.84	20.80		
15	64QAM	1	0	21.17	21.12	21.18	20.99	21.00	22	1
15	64QAM	1	37	20.88	20.92	20.96	20.88	20.91		
15	64QAM	1	74	20.80	20.91	20.94	20.95	20.86		
15	64QAM	36	0	19.87	20.01	20.01	19.91	19.84	21	2
15	64QAM	36	20	19.92	19.99	19.96	20.11	19.89		
15	64QAM	36	39	19.98	20.04	20.08	19.80	19.86		
15	64QAM	75	0	19.77	19.86	19.87	19.92	19.90		
15	256QAM	1	0	17.70	17.85	17.99	17.70	17.88	19	4
15	256QAM	1	37	17.75	17.85	17.88	17.79	17.69		
15	256QAM	1	74	17.81	17.59	17.79	17.61	17.66		
15	256QAM	36	0	17.74	17.82	17.89	17.72	17.77	19	4
15	256QAM	36	20	17.87	17.82	17.91	17.74	17.84		
15	256QAM	36	39	17.86	17.73	17.80	17.77	17.75		
15	256QAM	75	0	17.66	17.78	17.76	17.90	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.92	21.85	21.99	21.92	21.89	23	0
10	QPSK	1	25	22.02	21.95	22.02	22.01	22.01		
10	QPSK	1	49	21.97	21.84	21.99	21.89	21.91		
10	QPSK	25	0	22.16	22.16	22.20	22.28	22.20	23	0
10	QPSK	25	12	22.20	22.15	22.37	22.20	22.16		
10	QPSK	25	25	22.02	21.85	21.93	21.93	22.02		
10	QPSK	50	0	22.15	22.22	22.08	22.03	21.96		
10	16QAM	1	0	21.77	21.97	22.04	21.88	21.85	23	0
10	16QAM	1	25	21.84	21.81	21.87	21.80	22.02		
10	16QAM	1	49	21.88	21.95	22.05	21.97	21.97		
10	16QAM	25	0	20.96	20.98	20.95	20.89	20.84	22	1
10	16QAM	25	12	20.98	20.95	21.10	21.02	21.01		
10	16QAM	25	25	20.97	20.82	20.99	20.90	20.87		
10	16QAM	50	0	20.97	20.82	21.08	20.84	21.01		
10	64QAM	1	0	21.19	20.95	21.10	21.04	20.97	22	1
10	64QAM	1	25	20.87	20.96	20.95	20.84	20.91		
10	64QAM	1	49	20.81	21.06	21.10	21.06	20.98		
10	64QAM	25	0	20.00	19.95	20.01	19.88	19.77	21	2
10	64QAM	25	12	20.06	20.11	19.93	19.89	20.00		
10	64QAM	25	25	19.83	19.97	19.85	19.94	19.91		
10	64QAM	50	0	19.96	19.82	19.94	19.81	19.96		
10	256QAM	1	0	17.75	17.80	17.90	17.73	17.75	19	4
10	256QAM	1	25	17.70	17.76	17.87	17.72	17.73		
10	256QAM	1	49	17.72	17.70	17.84	17.76	17.60		
10	256QAM	25	0	17.74	17.71	17.70	17.80	17.89	19	4
10	256QAM	25	12	17.77	17.89	17.90	17.82	17.85		
10	256QAM	25	25	17.75	17.74	17.85	17.88	17.86		
10	256QAM	50	0	17.85	17.81	17.93	17.86	17.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.94	21.96	22.07	21.91	22.00	23	0
5	QPSK	1	12	22.04	22.02	22.02	21.96	21.96		
5	QPSK	1	24	21.95	21.93	21.96	21.96	21.97		
5	QPSK	12	0	22.27	22.29	22.30	22.16	22.28	23	0
5	QPSK	12	7	22.03	22.20	22.19	22.10	22.31		
5	QPSK	12	13	21.96	21.88	22.10	21.91	21.92		
5	QPSK	25	0	22.06	22.07	21.99	21.99	22.18		
5	16QAM	1	0	21.77	21.88	21.87	21.98	21.94	23	0
5	16QAM	1	12	21.87	21.86	21.84	21.96	21.85		
5	16QAM	1	24	21.93	21.76	22.03	21.77	21.85		
5	16QAM	12	0	20.87	20.93	21.00	20.98	20.91	22	1
5	16QAM	12	7	20.81	20.81	20.92	20.88	20.97		
5	16QAM	12	13	20.92	21.01	21.04	20.99	21.00		
5	16QAM	25	0	20.88	20.81	20.86	20.99	20.83		
5	64QAM	1	0	21.03	21.12	21.11	21.00	20.96	22	1
5	64QAM	1	12	20.93	21.06	20.95	21.06	20.99		
5	64QAM	1	24	20.81	20.95	20.92	20.96	20.90		
5	64QAM	12	0	19.97	19.90	20.08	20.00	19.89	21	2
5	64QAM	12	7	19.90	19.95	20.08	20.06	19.83		
5	64QAM	12	13	19.87	19.85	20.04	19.77	20.00		
5	64QAM	25	0	19.95	19.82	19.91	19.88	19.96		
5	256QAM	1	0	17.71	17.82	17.87	17.86	17.82	19	4
5	256QAM	1	12	17.81	17.84	17.73	17.70	17.68		
5	256QAM	1	24	17.70	17.58	17.87	17.62	17.65		
5	256QAM	12	0	17.65	17.70	17.86	17.79	17.80	19	4
5	256QAM	12	7	17.80	17.74	17.84	17.73	17.68		
5	256QAM	12	13	17.72	17.91	17.81	17.68	17.84		
5	256QAM	25	0	17.81	17.78	17.85	17.82	17.80		

Band 4 Ant1 Main PA DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20050	20175	20300		
	Frequency (MHz)			1720	1732.5	1745		
20	QPSK	1	0	19.80	20.09	20.02	21.5	0
20	QPSK	1	49	19.99	20.01	19.88		
20	QPSK	1	99	19.91	20.06	20.01		
20	QPSK	50	0	19.82	20.06	20.00	21.5	0
20	QPSK	50	24	19.86	20.02	20.02		
20	QPSK	50	50	19.91	19.90	19.94		
20	QPSK	100	0	19.79	20.00	19.84		
20	16QAM	1	0	19.93	20.08	20.04	21.5	0
20	16QAM	1	49	19.84	20.07	19.86		
20	16QAM	1	99	19.96	19.93	19.86		
20	16QAM	50	0	20.01	20.03	19.94	21.5	0
20	16QAM	50	24	19.89	19.99	20.02		
20	16QAM	50	50	20.03	19.94	20.00		
20	16QAM	100	0	19.89	19.91	19.83		
20	64QAM	1	0	20.00	19.95	19.86	21.5	0
20	64QAM	1	49	19.99	20.00	19.85		
20	64QAM	1	99	19.88	19.94	19.99		
20	64QAM	50	0	19.34	19.40	19.29	21	0.5
20	64QAM	50	24	19.32	19.41	19.40		
20	64QAM	50	50	19.35	19.42	19.40		
20	64QAM	100	0	19.43	19.47	19.41		
20	256QAM	1	0	17.50	17.59	17.50	19	2.5
20	256QAM	1	49	17.47	17.57	17.56		
20	256QAM	1	99	17.48	17.49	17.41		
20	256QAM	50	0	17.43	17.52	17.48	19	2.5
20	256QAM	50	24	17.44	17.50	17.44		
20	256QAM	50	50	17.48	17.56	17.46		
20	256QAM	100	0	17.53	17.58	17.54		
	Channel			20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	19.75	19.97	19.90	21.5	0
15	QPSK	1	37	19.83	19.86	19.68		
15	QPSK	1	74	19.84	20.04	19.82		
15	QPSK	36	0	19.84	19.97	19.97	21.5	0
15	QPSK	36	20	19.80	19.87	19.97		
15	QPSK	36	39	19.70	19.69	19.75		
15	QPSK	75	0	19.61	19.92	19.73		
15	16QAM	1	0	19.73	19.99	19.90	21.5	0
15	16QAM	1	37	19.63	19.87	19.65		
15	16QAM	1	74	19.74	19.83	19.87		
15	16QAM	36	0	19.88	19.86	19.91	21.5	0
15	16QAM	36	20	19.86	19.85	19.87		
15	16QAM	36	39	20.01	19.88	19.99		
15	16QAM	75	0	19.79	19.85	19.80		
15	64QAM	1	0	19.98	19.81	19.80	21.5	0
15	64QAM	1	37	19.91	19.94	19.67		
15	64QAM	1	74	19.71	19.85	20.00		
15	64QAM	36	0	19.23	19.30	19.20	21	0.5
15	64QAM	36	20	19.28	19.33	19.32		
15	64QAM	36	39	19.30	19.32	19.31		
15	64QAM	75	0	19.33	19.41	19.30		
15	256QAM	1	0	17.48	17.55	17.40	19	2.5
15	256QAM	1	37	17.42	17.54	17.55		
15	256QAM	1	74	17.36	17.39	17.32		
15	256QAM	36	0	17.37	17.46	17.38	19	2.5
15	256QAM	36	20	17.38	17.43	17.43		
15	256QAM	36	39	17.43	17.45	17.39		
15	256QAM	75	0	17.51	17.48	17.46		
	Channel			20050	20175	20300	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	19.60	20.03	19.99	21.5	0
10	QPSK	1	25	19.84	20.01	19.77		
10	QPSK	1	49	19.82	19.97	19.84		
10	QPSK	25	0	19.83	20.00	19.84	21.5	0
10	QPSK	25	12	19.66	20.07	19.82		
10	QPSK	25	25	19.86	19.85	19.94		
10	QPSK	50	0	19.62	19.95	19.63		
10	16QAM	1	0	19.93	19.92	19.95	21.5	0
10	16QAM	1	25	19.62	19.98	19.65		
10	16QAM	1	49	19.76	19.93	19.85		
10	16QAM	25	0	19.87	19.94	19.88	21.5	0
10	16QAM	25	12	19.81	19.97	19.94		
10	16QAM	25	25	19.97	19.90	19.88		
10	16QAM	50	0	19.68	19.80	19.69		
10	64QAM	1	0	20.01	19.76	19.79	21.5	0
10	64QAM	1	25	19.81	20.01	19.67		
10	64QAM	1	49	19.68	19.91	19.96		
10	64QAM	25	0	19.33	19.33	19.24	21	0.5
10	64QAM	25	12	19.21	19.39	19.32		
10	64QAM	25	25	19.28	19.39	19.39		
10	64QAM	50	0	19.39	19.40	19.30		
10	256QAM	1	0	17.46	17.54	17.45	19	2.5
10	256QAM	1	25	17.44	17.48	17.47		
10	256QAM	1	49	17.37	17.40	17.36		
10	256QAM	25	0	17.36	17.44	17.41	19	2.5
10	256QAM	25	12	17.38	17.40	17.40		
10	256QAM	25	25	17.41	17.47	17.40		
10	256QAM	50	0	17.43	17.51	17.51		
	Channel			19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1732.5	1752.5		
5	QPSK	1	0	19.69	19.93	19.86	21.5	0
5	QPSK	1	12	19.78	19.67	19.88		
5	QPSK	1	24	19.80	19.96	19.92		
5	QPSK	12	0	19.68	19.93	20.00	21.5	0
5	QPSK	12	7	19.83	19.91	19.81		
5	QPSK	12	13	19.82	19.81	19.88		
5	QPSK	25	0	19.66	19.94	19.67		
5	16QAM	1	0	19.94	20.04	19.83	21.5	0
5	16QAM	1	12	19.63	20.07	19.76		
5	16QAM	1	24	19.92	19.82	19.69		
5	16QAM	12	0	19.93	19.94	19.83	21.5	0
5	16QAM	12	7	19.90	19.92	19.94		
5	16QAM	12	13	19.87	19.93	19.98		
5	16QAM	25	0	19.88	19.73	19.69		
5	64QAM	1	0	19.93	19.80	19.74	21.5	0
5	64QAM	1	12	20.01	19.94	19.80		
5	64QAM	1	24	19.70	19.77	19.84		
5	64QAM	12	0	19.31	19.31	19.21	21	0.5
5	64QAM	12	7	19.28	19.36	19.38		
5	64QAM	12	13	19.25	19.34	19.31		
5	64QAM	25	0	19.39	19.41	19.37		
5	256QAM	1	0	17.44	17.56	17.48	19	2.5
5	256QAM	1	12	17.44	17.49	17.48		
5	256QAM	1	24	17.43	17.45	17.40		
5	256QAM	12	0	17.39	17.50	17.38	19	2.5
5	256QAM	12	7	17.40	17.41	17.35		
5	256QAM	12	13	17.41	17.48	17.41		
5	256QAM	25	0	17.51	17.51	17.52		
	Channel			19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	19.69	19.92	19.83	21.5	0
3	QPSK	1	8	19.99	19.84	19.70		
3	QPSK	1	14	19.87	19.94	19.98		
3	QPSK	8	0	19.84	19.88	19.99	21.5	0
3	QPSK	8	4	19.73	20.00	19.92		
3	QPSK	8	7	19.77	19.69	19.86		
3	QPSK	15	0	19.74	20.01	19.83		
3	16QAM	1	0	19.78	20.02	19.83	21.5	0
3	16QAM	1	8	19.71	19.95	19.72		
3	16QAM	1	14	19.94	19.76	19.75		
3	16QAM	8	0	19.87	20.01	19.88	21.5	0
3	16QAM	8	4	19.69	19.82	19.96		
3	16QAM	8	7	19.87	19.87	19.99		
3	16QAM	15	0	19.86	19.80	19.81		
3	64QAM	1	0	19.81	19.94	19.74	21.5	0
3	64QAM	1	8	19.99	19.79	19.63		
3	64QAM	1	14	19.79	19.87	19.99		
3	64QAM	8	0	19.25	19.33	19.20	21	0.5
3	64QAM	8	4	19.24	19.39	19.34		
3	64QAM	8	7	19.33	19.34	19.31		
3	64QAM	15	0	19.40	19.37	19.35		
3	256QAM	1	0	17.40	17.48	17.40	19	2.5
3	256QAM	1	8	17.42	17.51	17.51		
3	256QAM	1	14	17.40	17.46	17.36		
3	256QAM	8	0	17.41	17.47	17.45	19	2.5
3	256QAM	8	4	17.42	17.47	17.40		
3	256QAM	8	7	17.43	17.47	17.38		
3	256QAM	15	0	17.48	17.57	17.46		
	Channel			19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.76	19.99	19.82	21.5	0
1.4	QPSK	1	3	19.93	19.88	19.89		
1.4	QPSK	1	5	19.87	20.07	19.90		
1.4	QPSK	3	0	19.73	20.02	19.93		
1.4	QPSK	3	1	19.76	20.05	19.97		
1.4	QPSK	3	3	19.77	19.87	19.86		
1.4	QPSK	6	0	19.60	19.92	19.85	21.5	0
1.4	16QAM	1	0	19.72	20.00	20.02	21.5	0
1.4	16QAM	1	3	19.82	20.06	19.72		
1.4	16QAM	1	5	19.85	19.90	19.64		
1.4	16QAM	3	0	20.02	20.02	19.90		
1.4	16QAM	3	1	19.81	19.89	19.84		
1.4	16QAM	3	3	19.88	19.75	20.01		
1.4	16QAM	6	0	19.71	19.73	19.68	21.5	0
1.4	64QAM	1	0	19.91	19.80	19.85	21.5	0
1.4	64QAM	1	3	20.00	19.89	19.67		
1.4	64QAM	1	5	19.80	19.76	19.97		
1.4	64QAM	3	0	19.68	19.97	19.99		
1.4	64QAM	3	1	19.59	20.06	19.89		
1.4	64QAM	3	3	19.82	19.97	19.91		
1.4	64QAM	6	0	19.40	19.37	19.34	21	0.5
1.4	256QAM	1	0	17.41	17.57	17.40	19	2.5
1.4	256QAM	1	3	17.43	17.53	17.46		
1.4	256QAM	1	5	17.39	17.44	17.38		
1.4	256QAM	3	0	17.38	17.49	17.44		
1.4	256QAM	3	1	17.39	17.49	17.36		
1.4	256QAM	3	3	17.46	17.52	17.37		
1.4	256QAM	6	0	17.42	17.50	17.44	19	2.5

Band 7 Ant1 Main PA DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20850	21100	21350		
	Frequency (MHz)			2510	2535	2560		
20	QPSK	1	0	20.71	20.85	20.67	22	0
20	QPSK	1	49	20.76	20.83	20.69		
20	QPSK	1	99	20.74	20.77	20.60		
20	QPSK	50	0	20.68	20.75	20.67	22	0
20	QPSK	50	24	20.72	20.68	20.58		
20	QPSK	50	50	20.66	20.71	20.63		
20	QPSK	100	0	20.65	20.70	20.58		
20	16QAM	1	0	20.65	20.75	20.63	22	0
20	16QAM	1	49	20.76	20.78	20.74		
20	16QAM	1	99	20.82	20.68	20.65		
20	16QAM	50	0	20.73	20.69	20.60	22	0
20	16QAM	50	24	20.66	20.70	20.67		
20	16QAM	50	50	20.70	20.80	20.58		
20	16QAM	100	0	20.80	20.74	20.66		
20	64QAM	1	0	20.79	20.70	20.73	22	0
20	64QAM	1	49	20.75	20.71	20.63		
20	64QAM	1	99	20.67	20.72	20.73		
20	64QAM	50	0	20.10	20.21	20.14	21.5	0.5
20	64QAM	50	24	20.24	20.27	20.16		
20	64QAM	50	50	20.12	20.21	20.12		
20	64QAM	100	0	20.13	20.24	20.14		
20	256QAM	1	0	18.28	18.36	18.28	19.5	2.5
20	256QAM	1	49	18.13	18.21	18.14		
20	256QAM	1	99	18.24	18.28	18.19		
20	256QAM	50	0	18.21	18.23	18.20	19.5	2.5
20	256QAM	50	24	18.21	18.24	18.23		
20	256QAM	50	50	18.22	18.25	18.22		
20	256QAM	100	0	18.23	18.26	18.17		
	Channel			20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2507.5	2535	2562.5		
15	QPSK	1	0	20.70	20.71	20.49	22	0
15	QPSK	1	37	20.58	20.76	20.54		
15	QPSK	1	74	20.69	20.60	20.43		
15	QPSK	36	0	20.68	20.60	20.53	22	0
15	QPSK	36	20	20.57	20.60	20.49		
15	QPSK	36	39	20.57	20.59	20.57		
15	QPSK	75	0	20.64	20.62	20.48		
15	16QAM	1	0	20.54	20.62	20.62	22	0
15	16QAM	1	37	20.67	20.62	20.71		
15	16QAM	1	74	20.63	20.59	20.52		
15	16QAM	36	0	20.72	20.53	20.50	22	0
15	16QAM	36	20	20.61	20.59	20.52		
15	16QAM	36	39	20.52	20.71	20.53		
15	16QAM	75	0	20.67	20.66	20.59		
15	64QAM	1	0	20.74	20.61	20.67	22	0
15	64QAM	1	37	20.70	20.67	20.60		
15	64QAM	1	74	20.48	20.61	20.55		
15	64QAM	36	0	20.04	20.12	20.11	21.5	0.5
15	64QAM	36	20	20.21	20.23	20.08		
15	64QAM	36	39	20.03	20.10	20.09		
15	64QAM	75	0	20.11	20.14	20.06		
15	256QAM	1	0	18.27	18.29	18.20	19.5	2.5
15	256QAM	1	37	18.11	18.12	18.11		
15	256QAM	1	74	18.14	18.21	18.16		
15	256QAM	36	0	18.16	18.18	18.16	19.5	2.5
15	256QAM	36	20	18.10	18.16	18.16		
15	256QAM	36	39	18.18	18.18	18.16		
15	256QAM	75	0	18.17	18.22	18.12		
	Channel			20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2505	2535	2565		
10	QPSK	1	0	20.58	20.54	20.51	22	0
10	QPSK	1	25	20.72	20.80	20.60		
10	QPSK	1	49	20.62	20.71	20.44		
10	QPSK	25	0	20.57	20.59	20.43	22	0
10	QPSK	25	12	20.67	20.69	20.60		
10	QPSK	25	25	20.52	20.57	20.47		
10	QPSK	50	0	20.58	20.62	20.48		
10	16QAM	1	0	20.63	20.67	20.45	22	0
10	16QAM	1	25	20.65	20.73	20.70		
10	16QAM	1	49	20.71	20.51	20.49		
10	16QAM	25	0	20.60	20.62	20.44	22	0
10	16QAM	25	12	20.52	20.62	20.65		
10	16QAM	25	25	20.59	20.71	20.49		
10	16QAM	50	0	20.73	20.64	20.51		
10	64QAM	1	0	20.72	20.65	20.69	22	0
10	64QAM	1	25	20.60	20.56	20.51		
10	64QAM	1	49	20.54	20.55	20.62		
10	64QAM	25	0	20.06	20.17	20.04	21.5	0.5
10	64QAM	25	12	20.15	20.25	20.15		
10	64QAM	25	25	20.05	20.18	20.03		
10	64QAM	50	0	20.11	20.18	20.09		
10	256QAM	1	0	18.25	18.26	18.20	19.5	2.5
10	256QAM	1	25	18.06	18.18	18.03		
10	256QAM	1	49	18.19	18.22	18.12		
10	256QAM	25	0	18.15	18.22	18.19	19.5	2.5
10	256QAM	25	12	18.13	18.16	18.20		
10	256QAM	25	25	18.17	18.15	18.19		
10	256QAM	50	0	18.14	18.17	18.12		
	Channel			20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2502.5	2535	2567.5		
5	QPSK	1	0	20.68	20.72	20.59	22	0
5	QPSK	1	12	20.67	20.65	20.68		
5	QPSK	1	24	20.69	20.62	20.53		
5	QPSK	12	0	20.63	20.67	20.44	22	0
5	QPSK	12	7	20.65	20.71	20.57		
5	QPSK	12	13	20.52	20.71	20.48		
5	QPSK	25	0	20.71	20.62	20.50		
5	16QAM	1	0	20.58	20.61	20.58	22	0
5	16QAM	1	12	20.69	20.67	20.67		
5	16QAM	1	24	20.67	20.68	20.60		
5	16QAM	12	0	20.67	20.58	20.55	22	0
5	16QAM	12	7	20.64	20.66	20.63		
5	16QAM	12	13	20.68	20.73	20.49		
5	16QAM	25	0	20.75	20.71	20.61		
5	64QAM	1	0	20.61	20.64	20.64	22	0
5	64QAM	1	12	20.69	20.64	20.61		
5	64QAM	1	24	20.55	20.58	20.57		
5	64QAM	12	0	20.08	20.12	20.09	21.5	0.5
5	64QAM	12	7	20.22	20.21	20.07		
5	64QAM	12	13	20.01	20.17	20.03		
5	64QAM	25	0	20.07	20.21	20.07		
5	256QAM	1	0	18.26	18.35	18.18	19.5	2.5
5	256QAM	1	12	18.07	18.17	18.05		
5	256QAM	1	24	18.15	18.17	18.08		
5	256QAM	12	0	18.18	18.20	18.17	19.5	2.5
5	256QAM	12	7	18.18	18.15	18.14		
5	256QAM	12	13	18.12	18.24	18.20		
5	256QAM	25	0	18.16	18.23	18.08		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			132072	132322	132572		
	Frequency (MHz)			1720	1745	1770		
20	QPSK	1	0	22.44	22.46	22.27	22.7	0
20	QPSK	1	49	22.33	22.44	22.28		
20	QPSK	1	99	22.44	22.45	22.29		
20	QPSK	50	0	22.37	22.40	22.36	22.7	0
20	QPSK	50	24	22.37	22.32	22.27		
20	QPSK	50	50	22.30	22.35	22.23		
20	QPSK	100	0	22.32	22.41	22.36		
20	16QAM	1	0	22.38	22.34	22.37	22.7	0
20	16QAM	1	49	22.38	22.33	22.39		
20	16QAM	1	99	22.33	22.40	22.25		
20	16QAM	50	0	22.38	22.47	22.29	22.7	0
20	16QAM	50	24	22.35	22.45	22.29		
20	16QAM	50	50	22.41	22.50	22.39		
20	16QAM	100	0	22.40	22.49	22.22		
20	64QAM	1	0	22.32	22.39	22.29	22.7	0
20	64QAM	1	49	22.36	22.41	22.31		
20	64QAM	1	99	22.40	22.48	22.31		
20	64QAM	50	0	22.23	22.30	22.20	22.7	0
20	64QAM	50	24	22.35	22.36	22.33		
20	64QAM	50	50	22.29	22.35	22.32		
20	64QAM	100	0	22.26	22.34	22.24		
20	256QAM	1	0	20.09	20.10	20.07	20.7	2
20	256QAM	1	49	19.92	20.02	19.91		
20	256QAM	1	99	19.96	20.04	20.03		
20	256QAM	50	0	19.96	20.04	20.01	20.7	2
20	256QAM	50	24	20.06	20.07	20.03		
20	256QAM	50	50	19.99	20.06	20.02		
20	256QAM	100	0	19.97	20.04	19.97		
	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	22.39	22.44	22.10	22.7	0
15	QPSK	1	37	22.28	22.29	22.10		
15	QPSK	1	74	22.31	22.34	22.23		
15	QPSK	36	0	22.19	22.26	22.09	22.7	0
15	QPSK	36	20	22.29	22.26	22.20		
15	QPSK	36	39	22.26	22.17	22.18		
15	QPSK	75	0	22.27	22.28	22.19		
15	16QAM	1	0	22.33	22.19	22.35	22.7	0
15	16QAM	1	37	22.34	22.18	22.28		
15	16QAM	1	74	22.29	22.30	22.09		
15	16QAM	36	0	22.19	22.37	22.16	22.7	0
15	16QAM	36	20	22.27	22.37	22.20		
15	16QAM	36	39	22.33	22.33	22.33		
15	16QAM	75	0	22.31	22.32	22.18		
15	64QAM	1	0	22.13	22.21	22.26	22.7	0
15	64QAM	1	37	22.34	22.30	22.25		
15	64QAM	1	74	22.34	22.30	22.24		
15	64QAM	36	0	22.14	22.22	22.12	22.7	0
15	64QAM	36	20	22.33	22.35	22.25		
15	64QAM	36	39	22.20	22.28	22.22		
15	64QAM	75	0	22.20	22.28	22.13		
15	256QAM	1	0	19.98	20.09	20.00	20.7	2
15	256QAM	1	37	19.88	19.93	19.81		
15	256QAM	1	74	19.91	19.94	19.93		
15	256QAM	36	0	19.86	20.00	19.98	20.7	2
15	256QAM	36	20	20.04	20.03	19.95		
15	256QAM	36	39	19.98	19.97	19.95		
15	256QAM	75	0	19.93	19.97	19.96		
	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1745	1775		
10	QPSK	1	0	22.37	22.28	22.15	22.7	0
10	QPSK	1	25	22.26	22.38	22.09		
10	QPSK	1	49	22.36	22.33	22.24		
10	QPSK	25	0	22.29	22.30	22.25	22.7	0
10	QPSK	25	12	22.28	22.37	22.34		
10	QPSK	25	25	22.18	22.28	22.08		
10	QPSK	50	0	22.24	22.37	22.18		
10	16QAM	1	0	22.29	22.17	22.35	22.7	0
10	16QAM	1	25	22.33	22.23	22.38		
10	16QAM	1	49	22.22	22.31	22.23		
10	16QAM	25	0	22.26	22.30	22.21

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	20.98	21.27	20.97		
20	QPSK	1	49	21.11	21.20	21.01	22	0
20	QPSK	1	99	20.98	21.12	20.93		
20	QPSK	50	0	21.08	21.20	20.93		
20	QPSK	50	24	21.11	21.22	20.93	22	0
20	QPSK	50	50	21.01	21.15	21.01		
20	QPSK	100	0	21.12	21.21	20.97		
20	16QAM	1	0	21.01	21.19	20.98		
20	16QAM	1	49	21.13	21.15	21.03	22	0
20	16QAM	1	99	21.00	21.12	21.10		
20	16QAM	50	0	21.06	21.08	21.05		
20	16QAM	50	24	21.02	21.11	21.03	22	0
20	16QAM	50	50	21.03	21.06	21.02		
20	16QAM	100	0	21.05	21.13	21.08		
20	64QAM	1	0	21.04	21.14	21.12		
20	64QAM	1	49	21.00	21.06	20.97	22	0
20	64QAM	1	99	20.93	21.04	20.97		
20	64QAM	50	0	20.08	20.19	20.12		
20	64QAM	50	24	20.03	20.12	20.06	21	1
20	64QAM	50	50	20.11	20.17	20.09		
20	64QAM	100	0	20.10	20.16	20.10		
20	256QAM	1	0	18.28	18.31	18.26		
20	256QAM	1	49	18.15	18.23	18.19	19	3
20	256QAM	1	99	18.23	18.26	18.17		
20	256QAM	50	0	18.19	18.29	18.26		
20	256QAM	50	24	18.15	18.24	18.14	19	3
20	256QAM	50	50	18.14	18.21	18.15		
20	256QAM	100	0	18.14	18.21	18.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.84	21.12	20.87		
15	QPSK	1	37	21.01	21.12	20.97	22	0
15	QPSK	1	74	20.96	20.99	20.76		
15	QPSK	36	0	20.95	21.04	20.76		
15	QPSK	36	20	20.94	21.06	20.80	22	0
15	QPSK	36	39	20.90	21.09	20.91		
15	QPSK	75	0	21.05	21.11	20.92		
15	16QAM	1	0	20.88	21.14	20.68		
15	16QAM	1	37	21.04	21.10	20.97	22	0
15	16QAM	1	74	20.85	21.09	20.94		
15	16QAM	36	0	20.95	20.99	21.00		
15	16QAM	36	20	20.99	21.07	20.94	22	0
15	16QAM	36	39	20.98	21.04	21.01		
15	16QAM	75	0	21.02	21.02	20.99		
15	64QAM	1	0	20.94	21.09	21.10		
15	64QAM	1	37	20.91	21.00	20.88	22	0
15	64QAM	1	74	20.87	20.96	20.91		
15	64QAM	36	0	20.01	20.14	20.03		
15	64QAM	36	20	19.95	20.02	19.97	21	1
15	64QAM	36	39	20.05	20.13	20.01		
15	64QAM	75	0	20.01	20.13	20.03		
15	256QAM	1	0	18.23	18.24	18.22		
15	256QAM	1	37	18.11	18.20	18.13	19	3
15	256QAM	1	74	18.17	18.17	18.12		
15	256QAM	36	0	18.14	18.27	18.19		
15	256QAM	36	20	18.11	18.18	18.08	19	3
15	256QAM	36	39	18.09	18.10	18.05		
15	256QAM	75	0	18.03	18.10	18.17		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.90	21.15	20.88		
10	QPSK	1	25	21.01	21.15	20.95	22	0
10	QPSK	1	49	20.97	20.99	20.78		
10	QPSK	25	0	21.04	21.09	20.84		
10	QPSK	25	12	21.06	21.13	20.77	22	0
10	QPSK	25	25	20.92	21.04	20.96		
10	QPSK	50	0	21.06	21.15	20.80		
10	16QAM	1	0	20.99	21.17	20.90		
10	16QAM	1	25	21.09	21.14	20.97	22	0
10	16QAM	1	49	20.82	20.98	21.03		
10	16QAM	25	0	20.97	21.00	21.02		
10	16QAM	25	12	20.93	21.03	20.98	22	0
10	16QAM	25	25	20.97	21.04	20.93		
10	16QAM	50	0	21.03	21.11	21.04		
10	64QAM	1	0	20.99	21.11	21.09		
10	64QAM	1	25	20.92	21.01	20.89	22	0
10	64QAM	1	49	20.85	20.99	20.86		
10	64QAM	25	0	20.05	20.18	20.09		
10	64QAM	25	12	19.95	20.02	20.02	21	1
10	64QAM	25	25	20.04	20.09	20.04		
10	64QAM	50	0	20.03	20.09	20.01		
10	256QAM	1	0	18.25	18.21	18.15		
10	256QAM	1	25	18.05	18.20	18.13	19	3
10	256QAM	1	49	18.15	18.22	18.09		
10	256QAM	25	0	18.08	18.22	18.23		
10	256QAM	25	12	18.13	18.15	18.06	19	3
10	256QAM	25	25	18.05	18.11	18.06		
10	256QAM	50	0	18.09	18.19	18.18		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.84	21.16	20.84		
5	QPSK	1	12	20.98	21.13	20.94	22	0
5	QPSK	1	24	20.81	21.01	20.76		
5	QPSK	12	0	21.06	21.17	20.87		
5	QPSK	12	7	21.06	21.14	20.90	22	0
5	QPSK	12	13	20.88	20.97	20.99		
5	QPSK	25	0	21.06	21.18	20.78		
5	16QAM	1	0	20.87	21.08	20.93		
5	16QAM	1	12	20.98	21.08	21.00	22	0
5	16QAM	1	24	20.88	21.06	20.93		
5	16QAM	12	0	21.01	21.02	21.02		
5	16QAM	12	7	20.93	21.07	20.94	22	0
5	16QAM	12	13	21.01	21.02	21.00		
5	16QAM	25	0	20.97	21.09	21.01		
5	64QAM	1	0	21.01	21.07	21.11		
5	64QAM	1	12	20.93	20.97	20.87	22	0
5	64QAM	1	24	20.86	21.02	20.91		
5	64QAM	12	0	20.06	20.11	20.03		
5	64QAM	12	7	19.93	20.02	20.05	21	1
5	64QAM	12	13	20.02	20.07	20.04		
5	64QAM	25	0	20.03	20.10	20.03		
5	256QAM	1	0	18.26	18.22	18.24		
5	256QAM	1	12	18.09	18.17	18.10	19	3
5	256QAM	1	24	18.18	18.23	18.14		
5	256QAM	12	0	18.11	18.27	18.25		
5	256QAM	12	7	18.10	18.16	18.10	19	3
5	256QAM	12	13	18.09	18.17	18.07		
5	256QAM	25	0	18.10	18.18	18.13		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.11	21.14	21.24	21.05	21.02		
20	QPSK	1	49	21.09	21.06	21.13	21.08	20.92	22	0
20	QPSK	1	99	21.07	20.98	21.05	20.98	21.05		
20	QPSK	50	0	21.10	21.07	21.20	21.06	20.99		
20	QPSK	50	24	21.00	21.11	21.07	20.99	21.05	22	0
20	QPSK	50	50	21.13	21.13	21.18	21.12	20.93		
20	QPSK	100	0	21.13	20.99	21.16	21.11	20.97		
20	16QAM	1	0	21.11	21.05	21.21	21.14	21.03		
20	16QAM	1	49	21.10	21.00	21.21	20.98	20.98	22	0
20	16QAM	1	99	21.03	20.99	21.22	21.12	20.99		
20	16QAM	50	0	20.87	20.85	20.89	20.85	20.81		
20	16QAM	50	24	20.93	20.86	20.94	20.87	20.91	22	0
20	16QAM	50	50	20.89	20.93	20.94	20.91	20.90		
20	16QAM	100	0	20.85	20.86	20.91	20.85	20.82		
20	64QAM	1	0	20.93	20.89	20.99	20.91	20.89		
20	64QAM	1	49	20.87	20.82	20.91	20.80	20.87	22	0
20	64QAM	1	99	20.88	20.90	20.94	20.83	20.83		
20	64QAM	50	0	19.96	19.92	20.03	19.93	19.97		
20	64QAM	50	24	19.88	19.90	19.99	19.93	19.95	21	1
20	64QAM	50	50	19.95	19.93	19.99	19.97	19.94		
20	64QAM	100	0	19.91	19.96	19.99	19.93	19.93		
20	256QAM	1	0	18.23	18.18	18.25	18.22	18.18		
20	256QAM	1	49	18.22	18.17	18.24	18.22	18.19	19	3
20	256QAM	1	99	18.16	18.16	18.19	18.08	18.17		
20	256QAM	50	0	18.06	18.06	18.16	18.09	18.08		
20	256QAM	50	24	18.17	18.09	18.20	18.17	18.10	19	3
20	256QAM	50	50	18.19	18.16	18.23	18.15	18.20		
20	256QAM	100	0	18.22	18.19	18.24	18.15	18.20		
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	20.93	20.98	21.10	20.94	20.85		
15	QPSK	1	37	20.99	20.98	21.07	21.01	20.76	22	0
15	QPSK	1	74	20.92	20.86	21.01	20.81	20.97		
15	QPSK	36	0	20.92	20.96	21.02	20.86	20.89		
15	QPSK	36	20	20.97	21.05	21.14	21.03	20.88	22	0
15	QPSK	36	39	20.95	21.09	21.14	20.98	20.90		
15	QPSK	75	0	21.07	20.90	21.14	21.02	20.91		
15	16QAM	1	0	20.97	20.90	21.10	21.00	20.93		
15	16QAM	1	37	20.96	20.93	21.12	20.88	20.82	22	0
15	16QAM	1	74	20.92	20.81	21.19	21.11	20.94		
15	16QAM	36	0	20.77	20.77	20.78	20.62	20.70		
15	16QAM	36	20	20.84	20.80	20.92	20.81	20.88	22	0
15	16QAM	36	39	20.85	20.87	20.92	20.81	20.83		
15	16QAM	75	0	20.80	20.80	20.83	20.78	20.72		
15	64QAM	1	0	20.88	20.84	20.93	20.84	20.84		
15	64QAM	1	37	20.80	20.73	20.80	20.73	20.77	22	0
15	64QAM	1	74	20.81	20.89	20.90	20.76	20.78		
15	64QAM	36	0	19.86	19.86	20.00	19.83	19.91		
15	64QAM	36	20	19.78	19.88	19.91	19.90	19.87	21	1
15	64QAM	36	39	19.92	19.85	19.90	19.92	19.87		
15	64QAM	75	0	19.83	19.94	19.96	19.89	19.88		
15	256QAM	1	0	18.17	18.14	18.17	18.14	18.14		
15	256QAM	1	37	18.14	18.11	18.23	18.16	18.14	19	3
15	256QAM	1	74	18.10	18.09	18.13	18.04	18.13		
15	256QAM	36	0	17.95	17.99	18.12	18.01	18.04		
15	256QAM	36	20	18.15	18.03	18.16	18.09	18.03	19	3
15	256QAM	36	39	18.15	18.12	18.13	18.08	18.18		
15	256QAM	75	0	18.17	18.08	18.19	18.11	18.17		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.98	20.98	21.07	20.90	20.94		
10	QPSK	1	25	21.08	21.02	20.98	20.99	20.74	22	0
10	QPSK	1	49	21.04	20.81	20.88	20.97	20.93		
10	QPSK	25	0	20.82	21.07	20.98	20.89	20.96		
10	QPSK	25	12	20.94	21.03	21.12	20.89	20.88	22	0
10	QPSK	25	25	21.07	20.96	21.09	21.01	20.75		
10	QPSK	50	0	20.95	20.85	21.09	21.02	20.79		
10	16QAM	1	0	21.09	20.91	21.10	21.07	20.91		
10	16QAM	1	25	20.97	20.88	21.10	20.89	20.87	22	0
10	16QAM	1	49	20.85	20.92	21.09	21.11	20.94		
10	16QAM	25	0	20.81	20.78	20.85	20.82	20.78		
10	16QAM	25	12	20.88	20.81	20.84	20.78	20.88	22	0
10	16QAM	25	25	20.82	20.90	20.92	20.82	20.88		
10	16QAM	50	0	20.74	20.82	20.89	20.80	20.75		
10	64QAM	1	0	20.88	20.87	20.91	20.82	20.84		
10	64QAM	1	25	20.80	20.74	20.87	20.69	20.84	22	0
10	64QAM	1	49	20.78	20.86	20.88	20.77	20.72		
10	64QAM	25	0	19.89	19.84	19.97	19.86	19.89		
10	64QAM	25	12	19.77	19.81	19.93	19.92	19.93	21	1
10	64QAM	25	25	19.85	19.83	19.94	19.94	19.88		
10	64QAM	50	0	19.88	19.93	19.93	19.87	19.87		
10	256QAM	1	0	18.18	18.10	18.17	18.11	18.14		
10	256QAM	1	25	18.17	18.08	18.18	18.17	18.10	19	3
10	256QAM	1	49	18.13	18.14	18.15	18.01	18.15		
10	256QAM	25	0	18.04	18.00	18.10	18.04	18.01		
10	256QAM	25	12	18.10	18.06	18.13	18.06	18.06	19	3
10	256QAM	25	25	18.18	18.07	18.15	18.11	18.10		
10	256QAM	50	0	18.16	18.12	18.18	18.04	18.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.99	21.01	20.98	21.01	20.97		
5	QPSK	1	12	20.95	20.99	20.97	20.90	20.80	22	0
5	QPSK	1	24	20.90	20.80	21.03	20.85	20.95		
5	QPSK	12	0	20.98	21.07	21.04	20.84	20.97		
5	QPSK	12	7	20.94	20.94	21.11	20.87	20.82	22	0
5	QPSK	12	13	21.09	21.09	21.12	21.06	20.89		
5	QPSK	25	0	21.06	20.89	21.03	21.03	20.95		
5	16QAM	1	0	21.02	20.89	21.14	20.96	20.93		
5	16QAM	1	12	21.07	20.82	21.18	20.92	20.90	22	0
5	16QAM	1	24	20.86	20.96	21.20	20.94	20.93		
5	16QAM	12	0	20.81	20.84	20.79	20.74	20.71		
5	16QAM	12	7	20.91	20.80	20.86	20.86	20.82	22	0
5	16QAM	12	13	20.87	20.86	20.86	20.81	20.82		
5	16QAM	25	0	20.80	20.77	20.85	20.77	20.75		
5	64QAM	1	0	20.86	20.87	20.96	20.83	20.83		
5	64QAM	1	12	20.84	20.72	20.83	20.72	20.78	22	0
5	64QAM	1	24	20.86	20.83	20.88	20.81	20.75		
5	64QAM	12	0	19.89	19.82	19.96	19.86	19.94		
5	64QAM	12	7	19.79	19.87	19.88	19.87	19.87	21	1
5	64QAM	12	13	19.87	19.91	19.88	19.87	19.83		
5	64QAM	25	0	19.84	19.92	19.93	19.85	19.90		
5	256QAM	1	0	18.15	18.12	18.17	18.12	18.16		
5	256QAM	1	12	18.13	18.15	18.18	18.15	18.16	19	3
5	256QAM	1	24	18.14	18.12	18.17	17.98	18.15		
5	256QAM	12	0	18.01	17.98	18.08	18.06	18.03		
5	256QAM	12	7	18.06	17.99	18.13	18.13	18.02	19	3
5	256QAM	12	13	18.09	18.10	18.14	18.13	18.14		
5	256QAM	25	0	18.14	18.15	18.20	18.13	18.10		

Reduced Power for NSA DSI 8

Band 4 Ant0 Main PA DSI8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.85	15.97	15.81	17	0
20	QPSK	1	49	15.71	15.85	15.9		
20	QPSK	1	99	15.79	15.93	15.9		
20	QPSK	50	0	15.74	15.95	15.92	17	0
20	QPSK	50	24	15.88	15.84	15.77		
20	QPSK	50	50	15.87	15.89	15.82		
20	QPSK	100	0	15.78	15.92	15.9		
20	16QAM	1	0	15.83	15.84	15.78	17	0
20	16QAM	1	49	15.8	15.95	15.82		
20	16QAM	1	99	15.73	15.96	15.88		
20	16QAM	50	0	15.78	15.95	15.85	17	0
20	16QAM	50	24	15.78	15.87	15.9		
20	16QAM	50	50	15.85	15.93	15.88		
20	16QAM	100	0	15.88	15.84	15.9		
20	64QAM	1	0	15.77	15.88	15.8	17	0
20	64QAM	1	49	15.89	15.85	15.85		
20	64QAM	1	99	15.72	15.85	15.81		
20	64QAM	50	0	15.74	15.88	15.8	17	0
20	64QAM	50	24	15.79	15.85	15.82		
20	64QAM	50	50	15.87	15.94	15.78		
20	64QAM	100	0	15.76	15.98	15.81		
20	256QAM	1	0	15.72	15.9	15.83	17	0
20	256QAM	1	49	15.84	15.92	15.92		
20	256QAM	1	99	15.75	15.84	15.84		
20	256QAM	50	0	15.73	15.95	15.79	17	0
20	256QAM	50	24	15.83	15.84	15.8		
20	256QAM	50	50	15.77	15.91	15.77		
20	256QAM	100	0	15.71	15.85	15.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.69	15.77	15.74	17	0
15	QPSK	1	37	15.65	15.67	15.75		
15	QPSK	1	74	15.65	15.75	15.87		
15	QPSK	36	0	15.76	15.74	15.73	17	0
15	QPSK	36	20	15.64	15.79	15.8		
15	QPSK	36	39	15.69	15.86	15.8		
15	QPSK	75	0	15.6	15.9	15.82		
15	16QAM	1	0	15.81	15.66	15.62	17	0
15	16QAM	1	37	15.74	15.81	15.79		
15	16QAM	1	74	15.69	15.81	15.78		
15	16QAM	36	0	15.71	15.91	15.7	17	0
15	16QAM	36	20	15.77	15.74	15.73		
15	16QAM	36	39	15.67	15.77	15.73		
15	16QAM	75	0	15.8	15.73	15.88		
15	64QAM	1	0	15.75	15.71	15.77	17	0
15	64QAM	1	37	15.79	15.7	15.78		
15	64QAM	1	74	15.68	15.83	15.74		
15	64QAM	36	0	15.66	15.7	15.71	17	0
15	64QAM	36	20	15.61	15.79	15.64		
15	64QAM	36	39	15.84	15.86	15.6		
15	64QAM	75	0	15.67	15.95	15.71		
15	256QAM	1	0	15.61	15.88	15.78	17	0
15	256QAM	1	37	15.8	15.86	15.79		
15	256QAM	1	74	15.59	15.83	15.7		
15	256QAM	36	0	15.67	15.9	15.63	17	0
15	256QAM	36	20	15.74	15.81	15.63		
15	256QAM	36	39	15.59	15.82	15.76		
15	256QAM	75	0	15.61	15.76	15.76		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.77	15.93	15.65	17	0
10	QPSK	1	25	15.66	15.68	15.85		
10	QPSK	1	49	15.7	15.87	15.83		
10	QPSK	25	0	15.72	15.66	15.71	17	0
10	QPSK	25	12	15.67	15.8	15.91		
10	QPSK	25	25	15.74	15.74	15.77		
10	QPSK	50	0	15.66	15.89	15.72		
10	16QAM	1	0	15.75	15.77	15.6	17	0
10	16QAM	1	25	15.74	15.85	15.71		
10	16QAM	1	49	15.63	15.94	15.73		
10	16QAM	25	0	15.7	15.92	15.83	17	0
10	16QAM	25	12	15.63	15.81	15.87		
10	16QAM	25	25	15.82	15.79	15.85		
10	16QAM	50	0	15.7	15.78	15.74		
10	64QAM	1	0	15.74	15.71	15.7	17	0
10	64QAM	1	25	15.72	15.83	15.79		
10	64QAM	1	49	15.67	15.72	15.69		
10	64QAM	25	0	15.56	15.85	15.61	17	0
10	64QAM	25	12	15.67	15.76	15.67		
10	64QAM	25	25	15.81	15.88	15.68		
10	64QAM	50	0	15.73	15.92	15.64		
10	256QAM	1	0	15.61	15.86	15.75	17	0
10	256QAM	1	25	15.78	15.82	15.89		
10	256QAM	1	49	15.64	15.76	15.69		
10	256QAM	25	0	15.58	15.92	15.61	17	0
10	256QAM	25	12	15.66	15.7	15.74		
10	256QAM	25	25	15.74	15.87	15.69		
10	256QAM	50	0	15.63	15.76	15.8		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.78	15.89	15.66	17	0
5	QPSK	1	12	15.6	15.66	15.77		
5	QPSK	1	24	15.65	15.79	15.8		
5	QPSK	12	0	15.74	15.77	15.71	17	0
5	QPSK	12	7	15.62	15.72	15.85		
5	QPSK	12	13	15.73	15.82	15.71		
5	QPSK	25	0	15.73	15.93	15.71		
5	16QAM	1	0	15.74	15.67	15.73	17	0
5	16QAM	1	12	15.67	15.78	15.66		
5	16QAM	1	24	15.61	15.81	15.71		
5	16QAM	12	0	15.76	15.81	15.72	17	0
5	16QAM	12	7	15.76	15.81	15.75		
5	16QAM	12	13	15.76	15.77	15.75		
5	16QAM	25	0	15.77	15.72	15.87		
5	64QAM	1	0	15.63	15.8	15.75	17	0
5	64QAM	1	12	15.71	15.74	15.75		
5	64QAM	1	24	15.7	15.71	15.76		
5	64QAM	12	0	15.71	15.72	15.76	17	0
5	64QAM	12	7	15.65	15.74	15.79		
5	64QAM	12	13	15.75	15.82	15.68		
5	64QAM	25	0	15.64	15.86	15.67		
5	256QAM	1	0	15.54	15.85	15.67	17	0
5	256QAM	1	12	15.8	15.83	15.8		
5	256QAM	1	24	15.65	15.76	15.67		
5	256QAM	12	0	15.63	15.76	15.72	17	0
5	256QAM	12	7	15.72	15.74	15.71		
5	256QAM	12	13	15.74	15.91	15.61		
5	256QAM	25	0	15.6	15.75	15.83		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.76	15.86	15.62	17	0
3	QPSK	1	8	15.57	15.71	15.86		
3	QPSK	1	14	15.69	15.83	15.83		
3	QPSK	8	0	15.83	15.74	15.7	17	0
3	QPSK	8	4	15.56	15.8	15.82		
3	QPSK	8	7	15.76	15.82	15.76		
3	QPSK	15	0	15.61	15.78	15.81		
3	16QAM	1	0	15.72	15.79	15.74	17	0
3	16QAM	1	8	15.69	15.84	15.67		
3	16QAM	1	14	15.7	15.9	15.72		
3	16QAM	8	0	15.59	15.94	15.67	17	0
3	16QAM	8	4	15.64	15.78	15.85		
3	16QAM	8	7	15.83	15.84	15.81		
3	16QAM	15	0	15.72	15.82	15.84		
3	64QAM	1	0	15.59	15.8	15.64	17	0
3	64QAM	1	8	15.72	15.72	15.7		
3	64QAM	1	14	15.65	15.77	15.72		
3	64QAM	8	0	15.61	15.78	15.74	17	0
3	64QAM	8	4	15.76	15.84	15.81		
3	64QAM	8	7	15.85	15.79	15.6		
3	64QAM	15	0	15.59	15.95	15.62		
3	256QAM	1	0	15.67	15.79	15.79	17	0
3	256QAM	1	8	15.78	15.79	15.88		
3	256QAM	1	14	15.6	15.72	15.81		
3	256QAM	8	0	15.63	15.9	15.6	17	0
3	256QAM	8	4	15.79	15.7	15.76		
3	256QAM	8	7	15.64	15.9	15.65		
3	256QAM	15	0	15.57	15.76	15.79		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.76	15.82	15.67	17	0
1.4	QPSK	1	3	15.66	15.71	15.79		
1.4	QPSK	1	5	15.68	15.8	15.87		
1.4	QPSK	3	0	15.73	15.65	15.63		
1.4	QPSK	3	1	15.58	15.78	15.84		
1.4	QPSK	3	3	15.83	15.74	15.76		
1.4	QPSK	6	0	15.62	15.83	15.69	17	0
1.4	16QAM	1	0	15.75	15.75	15.76	17	0
1.4	16QAM	1	3	15.73	15.9	15.77		
1.4	16QAM	1	5	15.63	15.94	15.73		
1.4	16QAM	3	0	15.75	15.81	15.67		
1.4	16QAM	3	1	15.64	15.79	15.81		
1.4	16QAM	3	3	15.67	15.77	15.77		
1.4	16QAM	6	0	15.74	15.81	15.82	17	0
1.4	64QAM	1	0	15.59	15.78	15.68	17	0
1.4	64QAM	1	3	15.7	15.68	15.71		
1.4	64QAM	1	5	15.58	15.83	15.8		
1.4	64QAM	3	0	15.59	15.81	15.64		
1.4	64QAM	3	1	15.71	15.72	15.63		
1.4	64QAM	3	3	15.73	15.87	15.69		
1.4	64QAM	6	0	15.71	15.89	15.66	17	0
1.4	256QAM	1	0	15.61	15.76	15.68	17	0
1.4	256QAM	1	3	15.73	15.9	15.83		
1.4	256QAM	1	5	15.72	15.8	15.72		
1.4	256QAM	3	0	15.56	15.83	15.7		
1.4	256QAM	3	1	15.72	15.72	15.69		
1.4	256QAM	3	3	15.7	15.88	15.65		
1.4	256QAM	6	0	15.61	15.82	15.82	17	0

Band 7 Ant0 Main PA DSI8

BW [MHz]	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	20.75	20.82	20.64	22	0
20	QPSK	1	49	20.61	20.75	20.65		
20	QPSK	1	99	20.59	20.71	20.56		
20	QPSK	50	0	20.69	20.78	20.64		
20	QPSK	50	24	20.61	20.62	20.67		
20	QPSK	50	50	20.59	20.7	20.57		
20	QPSK	100	0	20.6	20.76	20.59		
20	16QAM	1	0	20.71	20.66	20.71	22	0
20	16QAM	1	49	20.66	20.63	20.7		
20	16QAM	1	99	20.62	20.68	20.55		
20	16QAM	50	0	20.6	20.79	20.63	22	0
20	16QAM	50	24	20.74	20.67	20.58		
20	16QAM	50	50	20.71	20.63	20.61		
20	16QAM	100	0	20.63	20.66	20.68		
20	64QAM	1	0	20.61	20.72	20.56	22	0
20	64QAM	1	49	20.71	20.77	20.68		
20	64QAM	1	99	20.62	20.62	20.56		
20	64QAM	50	0	20.49	20.54	20.49	21.5	0.5
20	64QAM	50	24	20.52	20.57	20.53		
20	64QAM	50	50	20.46	20.52	20.48		
20	64QAM	100	0	20.43	20.52	20.45		
20	256QAM	1	0	18.16	18.19	18.12	19.5	2.5
20	256QAM	1	49	18.13	18.18	18.14		
20	256QAM	1	99	18.01	18.11	18.09		
20	256QAM	50	0	18.16	18.2	18.11		
20	256QAM	50	24	18.19	18.2	18.17	19.5	2.5
20	256QAM	50	50	18.17	18.19	18.15		
20	256QAM	100	0	18.2	18.22	18.13		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.73	20.68	20.62	22	0
15	QPSK	1	37	20.52	20.66	20.55		
15	QPSK	1	74	20.57	20.58	20.51		
15	QPSK	36	0	20.53	20.57	20.66		
15	QPSK	36	20	20.5	20.77	20.52		
15	QPSK	36	39	20.54	20.65	20.59		
15	QPSK	75	0	20.59	20.7	20.56		
15	16QAM	1	0	20.63	20.51	20.55	22	0
15	16QAM	1	37	20.56	20.61	20.65		
15	16QAM	1	74	20.53	20.5	20.59		
15	16QAM	36	0	20.59	20.73	20.62		
15	16QAM	36	20	20.71	20.57	20.57	22	0
15	16QAM	36	39	20.7	20.53	20.56		
15	16QAM	75	0	20.56	20.57	20.62		
15	64QAM	1	0	20.54	20.56	20.51	22	0
15	64QAM	1	37	20.61	20.62	20.57		
15	64QAM	1	74	20.5	20.52	20.54		
15	64QAM	36	0	20.46	20.49	20.47	21.5	0.5
15	64QAM	36	20	20.47	20.54	20.51		
15	64QAM	36	39	20.39	20.51	20.46		
15	64QAM	75	0	20.33	20.46	20.43		
15	256QAM	1	0	18.13	18.17	18.05	19.5	2.5
15	256QAM	1	37	18.03	18.16	18.04		
15	256QAM	1	74	18.13	18.05	18.02		
15	256QAM	36	0	18.09	18.15	18.01	19.5	2.5
15	256QAM	36	20	18.16	18.15	18.11		
15	256QAM	36	39	18.08	18.13	18.09		
15	256QAM	75	0	18.16	18.18	18.04		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.72	20.79	20.56	22	0
10	QPSK	1	25	20.55	20.61	20.55		
10	QPSK	1	49	20.58	20.66	20.58		
10	QPSK	25	0	20.59	20.54	20.52	22	0
10	QPSK	25	12	20.55	20.65	20.57		
10	QPSK	25	25	20.54	20.51	20.59		
10	QPSK	50	0	20.58	20.59	20.54		
10	16QAM	1	0	20.57	20.61	20.6	22	0
10	16QAM	1	25	20.62	20.57	20.59		
10	16QAM	1	49	20.55	20.63	20.59		
10	16QAM	25	0	20.57	20.74	20.58	22	0
10	16QAM	25	12	20.62	20.55	20.57		
10	16QAM	25	25	20.65	20.53	20.59		
10	16QAM	50	0	20.5	20.6	20.5		
10	64QAM	1	0	20.5	20.55	20.51	22	0
10	64QAM	1	25	20.55	20.71	20.66		
10	64QAM	1	49	20.51	20.6	20.54		
10	64QAM	25	0	20.48	20.51	20.44	21.5	0.5
10	64QAM	25	12	20.48	20.56	20.51		
10	64QAM	25	25	20.38	20.47	20.47		
10	64QAM	50	0	20.39	20.43	20.44		
10	256QAM	1	0	18.12	18.15	18.06	19.5	2.5
10	256QAM	1	25	18.06	18.13	18.07		
10	256QAM	1	49	18.13	18.08	18.01		
10	256QAM	25	0	18.07	18.12	18.07	19.5	2.5
10	256QAM	25	12	18.16	18.19	18.13		
10	256QAM	25	25	18.08	18.18	18.14		
10	256QAM	50	0	18.16	18.2	18.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.73	20.8	20.61	22	0
5	QPSK	1	12	20.58	20.62	20.5		
5	QPSK	1	24	20.54	20.63	20.54		
5	QPSK	12	0	20.6	20.58	20.51	22	0
5	QPSK	12	7	20.68	20.66	20.57		
5	QPSK	12	13	20.54	20.52	20.51		
5	QPSK	25	0	20.55	20.72	20.55		
5	16QAM	1	0	20.52	20.51	20.64	22	0
5	16QAM	1	12	20.56	20.59	20.67		
5	16QAM	1	24	20.52	20.61	20.58		
5	16QAM	12	0	20.58	20.66	20.51	22	0
5	16QAM	12	7	20.7	20.64	20.54		
5	16QAM	12	13	20.65	20.59	20.58		
5	16QAM	25	0	20.6	20.57	20.5		
5	64QAM	1	0	20.55	20.67	20.58	22	0
5	64QAM	1	12	20.64	20.64	20.66		
5	64QAM	1	24	20.59	20.51	20.53		
5	64QAM	12	0	20.43	20.46	20.46	21.5	0.5
5	64QAM	12	7	20.49	20.52	20.43		
5	64QAM	12	13	20.4	20.5	20.42		
5	64QAM	25	0	20.35	20.46	20.35		
5	256QAM	1	0	18.14	18.14	18.11	19.5	2.5
5	256QAM	1	12	18.07	18.08	18.07		
5	256QAM	1	24	18	18.02	18.01		
5	256QAM	12	0	18.08	18.15	18.01	19.5	2.5
5	256QAM	12	7	18.12	18.1	18.13		
5	256QAM	12	13	18.06	18.16	18.05		
5	256QAM	25	0	18.11	18.13	18.11		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.67	18.83	18.74	19.2	0
20	QPSK	1	49	18.7	18.81	18.6		
20	QPSK	1	99	18.69	18.7	18.71		
20	QPSK	50	0	18.79	18.81	18.67		
20	QPSK	50	24	18.67	18.65	18.63		
20	QPSK	50	50	18.65	18.77	18.66		
20	QPSK	100	0	18.62	18.73	18.59		
20	16QAM	1	0	18.67	18.74	18.65	19.2	0
20	16QAM	1	49	18.66	18.7	18.67		
20	16QAM	1	99	18.8	18.66	18.6		
20	16QAM	50	0	18.66	18.79	18.61		
20	16QAM	50	24	18.75	18.76	18.6		
20	16QAM	50	50	18.79	18.78	18.59		
20	16QAM	100	0	18.75	18.75	18.72		
20	64QAM	1	0	18.69	18.75	18.74	19.2	0
20	64QAM	1	49	18.67	18.76	18.69		
20	64QAM	1	99	18.72	18.68	18.65		
20	64QAM	50	0	18.74	18.76	18.69	19.2	0
20	64QAM	50	24	18.72	18.8	18.7		
20	64QAM	50	50	18.74	18.69	18.64		
20	64QAM	100	0	18.74	18.79	18.65		
20	256QAM	1	0	18.76	18.67	18.73	19.2	0
20	256QAM	1	49	18.65	18.77	18.65		
20	256QAM	1	99	18.73	18.64	18.63		
20	256QAM	50	0	18.76	18.8	18.73	19.2	0
20	256QAM	50	24	18.78	18.66	18.71		
20	256QAM	50	50	18.73	18.64	18.59		
20	256QAM	100	0	18.77	18.71	18.7		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.5	18.73	18.6	19.2	0
15	QPSK	1	37	18.65	18.77	18.52		
15	QPSK	1	74	18.51	18.53	18.61		
15	QPSK	36	0	18.65	18.57	18.46	19.2	0
15	QPSK	36	20	18.72	18.68	18.62		
15	QPSK	36	39	18.49	18.74	18.6		
15	QPSK	75	0	18.55	18.57	18.52		
15	16QAM	1	0	18.54	18.6	18.58	19.2	0
15	16QAM	1	37	18.64	18.52	18.64		
15	16QAM	1	74	18.76	18.58	18.47		
15	16QAM	36	0	18.58	18.66	18.43	19.2	0
15	16QAM	36	20	18.65	18.65	18.42		
15	16QAM	36	39	18.76	18.72	18.41		
15	16QAM	75	0	18.69	18.62	18.62		
15	64QAM	1	0	18.52	18.74	18.66	19.2	0
15	64QAM	1	37	18.5	18.63	18.51		
15	64QAM	1	74	18.54	18.56	18.47		
15	64QAM	36	0	18.66	18.72	18.51	19.2	0
15	64QAM	36	20	18.66	18.66	18.53		
15	64QAM	36	39	18.69	18.52	18.52		
15	64QAM	75	0	18.7	18.75	18.47		
15	256QAM	1	0	18.7	18.51	18.56	19.2	0
15	256QAM	1	37	18.6	18.66	18.62		
15	256QAM	1	74	18.69	18.61	18.62		
15	256QAM	36	0	18.57	18.65	18.67	19.2	0
15	256QAM	36	20	18.65	18.57	18.65		
15	256QAM	36	39	18.6	18.46	18.56		
15	256QAM	75	0	18.58	18.57	18.68		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.63	18.71	18.68	19.2	0
10	QPSK	1	25	18.66	18.79	18.53		
10	QPSK	1	49	18.64	18.6	18.68		
10	QPSK	25	0	18.65	18.62	18.48	19.2	0
10	QPSK	25	12	18.7	18.66	18.57		
10	QPSK	25	25	18.52	18.65	18.48		
10	QPSK	50	0	18.48	18.66	18.47		
10	16QAM	1	0	18.55	18.58	18.5	19.2	0
10	16QAM	1	25	18.49	18.54	18.58		
10	16QAM	1	49	18.73	18.5	18.46		
10	16QAM	25	0	18.55	18.66	18.45	19.2	0
10	16QAM	25	12	18.58	18.73	18.56		
10	16QAM	25	25	18.61	18.67	18.58		
10	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)				2590	2595	2610		
20	QPSK	1	0	22.29	22.46	22.08	23	0
20	QPSK	1	49	22.28	22.20	22.10		
20	QPSK	1	99	22.29	22.26	22.09		
20	QPSK	50	0	22.09	22.46	22.16	23	0
20	QPSK	50	24	22.29	22.40	22.33		
20	QPSK	50	50	22.14	22.21	22.10		
20	QPSK	100	0	22.31	22.35	22.26		
20	16QAM	1	0	22.17	22.20	22.16	23	0
20	16QAM	1	49	22.09	22.17	22.13		
20	16QAM	1	99	22.09	22.16	22.13		
20	16QAM	50	0	21.18	21.20	21.13	22	1
20	16QAM	50	24	21.17	21.24	21.14		
20	16QAM	50	50	21.06	21.16	21.12		
20	16QAM	100	0	21.10	21.20	21.13		
20	64QAM	1	0	21.28	21.30	21.23	22	1
20	64QAM	1	49	21.15	21.21	21.19		
20	64QAM	1	99	21.18	21.24	21.23		
20	64QAM	50	0	20.13	20.16	20.07	21	2
20	64QAM	50	24	20.14	20.19	20.12		
20	64QAM	50	50	20.13	20.23	20.13		
20	64QAM	100	0	20.12	20.21	20.18		
20	256QAM	1	0	17.94	18.01	17.94	19	4
20	256QAM	1	49	17.83	17.93	17.89		
20	256QAM	1	99	17.91	17.94	17.88		
20	256QAM	50	0	17.93	17.97	17.94	19	4
20	256QAM	50	24	17.89	17.98	17.92		
20	256QAM	50	50	17.93	17.99	17.97		
20	256QAM	100	0	17.89	17.96	17.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2612.5		
15	QPSK	1	0	22.20	22.32	22.03	23	0
15	QPSK	1	37	22.13	22.03	21.96		
15	QPSK	1	74	22.17	22.21	21.93		
15	QPSK	36	0	22.12	22.32	22.20	23	0
15	QPSK	36	20	22.02	22.45	22.12		
15	QPSK	36	39	22.11	22.16	21.94		
15	QPSK	75	0	22.19	22.19	22.20		
15	16QAM	1	0	22.09	21.99	21.95	23	0
15	16QAM	1	37	22.11	22.11	22.01		
15	16QAM	1	74	22.07	22.01	21.92		
15	16QAM	36	0	21.18	20.99	21.09	22	1
15	16QAM	36	20	21.01	21.25	20.99		
15	16QAM	36	39	20.90	20.99	21.10		
15	16QAM	75	0	20.95	21.04	20.99		
15	64QAM	1	0	21.25	21.24	21.05	22	1
15	64QAM	1	37	21.09	21.15	21.18		
15	64QAM	1	74	20.97	21.12	21.21		
15	64QAM	36	0	19.92	19.96	20.03	21	2
15	64QAM	36	20	20.05	20.15	19.99		
15	64QAM	36	39	19.95	20.14	20.03		
15	64QAM	75	0	20.05	20.00	20.03		
15	256QAM	1	0	17.95	17.94	17.79	19	4
15	256QAM	1	37	17.85	17.93	17.69		
15	256QAM	1	74	17.70	17.89	17.87		
15	256QAM	36	0	17.86	17.77	17.94	19	4
15	256QAM	36	20	17.80	17.79	17.89		
15	256QAM	36	39	17.86	18.00	17.91		
15	256QAM	75	0	17.85	17.85	17.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.17	22.16	22.06	23	0
10	QPSK	1	25	22.25	22.09	21.99		
10	QPSK	1	49	22.25	22.16	21.95		
10	QPSK	25	0	22.30	22.21	22.16	23	0
10	QPSK	25	12	21.98	22.38	22.10		
10	QPSK	25	25	22.14	22.12	22.12		
10	QPSK	50	0	22.28	22.16	22.12		
10	16QAM	1	0	22.10	22.10	22.04	23	0
10	16QAM	1	25	21.95	22.13	22.04		
10	16QAM	1	49	21.99	22.14	21.96		
10	16QAM	25	0	21.16	21.18	21.15	22	1
10	16QAM	25	12	20.99	21.17	20.94		
10	16QAM	25	25	20.98	20.99	21.03		
10	16QAM	50	0	20.96	20.99	21.11		
10	64QAM	1	0	21.25	21.21	21.16	22	1
10	64QAM	1	25	21.07	21.16	21.14		
10	64QAM	1	49	21.06	21.05	21.11		
10	64QAM	25	0	20.10	20.15	19.94	21	2
10	64QAM	25	12	20.08	20.16	19.94		
10	64QAM	25	25	19.93	20.11	20.01		
10	64QAM	50	0	20.07	20.19	20.10		
10	256QAM	1	0	17.94	18.02	17.82	19	4
10	256QAM	1	25	17.83	17.85	17.69		
10	256QAM	1	49	17.76	17.75	17.73		
10	256QAM	25	0	17.77	17.87	17.76	19	4
10	256QAM	25	12	17.71	17.87	17.87		
10	256QAM	25	25	17.83	17.90	17.92		
10	256QAM	50	0	17.68	17.92	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.27	22.23	22.03	23	0
5	QPSK	1	12	22.24	22.10	21.99		
5	QPSK	1	24	22.16	22.09	21.94		
5	QPSK	12	0	22.25	22.31	22.11	23	0
5	QPSK	12	7	21.89	22.41	22.01		
5	QPSK	12	13	21.97	22.11	22.12		
5	QPSK	25	0	22.12	22.21	22.19		
5	16QAM	1	0	22.13	22.20	22.00	23	0
5	16QAM	1	12	21.97	22.07	22.13		
5	16QAM	1	24	22.05	22.17	21.98		
5	16QAM	12	0	20.96	20.99	21.08	22	1
5	16QAM	12	7	20.96	21.25	21.10		
5	16QAM	12	13	21.00	21.08	20.92		
5	16QAM	25	0	20.99	21.04	21.04		
5	64QAM	1	0	21.22	21.21	21.20	22	1
5	64QAM	1	12	20.95	21.17	21.03		
5	64QAM	1	24	21.12	21.16	21.22		
5	64QAM	12	0	19.99	20.08	19.97	21	2
5	64QAM	12	7	20.15	20.15	20.04		
5	64QAM	12	13	20.08	20.24	19.93		
5	64QAM	25	0	20.10	20.20	19.99		
5	256QAM	1	0	17.89	17.97	17.94	19	4
5	256QAM	1	12	17.80	17.81	17.81		
5	256QAM	1	24	17.87	17.78	17.83		
5	256QAM	12	0	17.79	17.84	17.85	19	4
5	256QAM	12	7	17.77	17.83	17.75		
5	256QAM	12	13	17.83	17.85	17.96		
5	256QAM	25	0	17.79	17.79	17.87		

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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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	22.07	21.99	22.41	22.09	22.08	23	0
20	QPSK	1	49	22.09	22.03	22.10	22.08	22.06		
20	QPSK	1	99	22.10	22.00	22.10	22.05	22.07		
20	QPSK	50	0	22.22	22.26	22.39	22.21	22.30	23	0
20	QPSK	50	24	22.34	22.33	22.35	22.27	22.29		
20	QPSK	50	50	22.11	22.05	22.15	22.10	22.06		
20	QPSK	100	0	22.00	22.20	22.25	22.19	22.18		
20	16QAM	1	0	21.97	21.97	22.08	22.02	22.01	23	0
20	16QAM	1	49	21.94	22.00	22.03	21.96	22.00		
20	16QAM	1	99	22.01	21.95	22.05	21.98	22.01		
20	16QAM	50	0	21.00	21.01	21.04	21.00	20.99	22	1
20	16QAM	50	24	21.00	21.00	21.10	21.05	21.02		
20	16QAM	50	50	21.09	20.99	21.10	21.00	21.02		
20	16QAM	100	0	21.00	20.96	21.06	21.02	21.00		
20	64QAM	1	0	21.21	21.14	21.23	21.16	21.13	22	1
20	64QAM	1	49	21.09	21.08	21.12	21.05	21.07		
20	64QAM	1	99	21.01	21.07	21.11	21.06	21.04		
20	64QAM	50	0	20.01	20.02	20.08	20.00	19.99	21	2
20	64QAM	50	24	20.09	20.09	20.12	20.09	20.04		
20	64QAM	50	50	19.99	20.03	20.06	19.95	20.04		
20	64QAM	100	0	19.97	20.00	20.06	19.97	20.00		
20	256QAM	1	0	17.91	17.90	17.99	17.88	17.94	19	4
20	256QAM	1	49	17.87	17.85	17.88	17.86	17.79		
20	256QAM	1	99	17.85	17.79	17.86	17.79	17.82		
20	256QAM	50	0	17.86	17.85	17.89	17.83	17.87	19	4
20	256QAM	50	24	17.89	17.90	17.94	17.88	17.89		
20	256QAM	50	50	17.88	17.92	17.95	17.90	17.88		
20	256QAM	100	0	17.88	17.96	17.97	17.89	17.88		
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	21.96	21.96	21.96	22.00	21.91	23	0
15	QPSK	1	37	21.99	21.91	22.01	21.98	21.98		
15	QPSK	1	74	22.07	21.88	22.09	21.97	21.96		
15	QPSK	36	0	22.13	22.13	22.35	22.24	22.17	23	0
15	QPSK	36	20	22.11	22.12	22.21	22.05	22.27		
15	QPSK	36	39	22.05	21.96	22.12	22.06	21.97		
15	QPSK	75	0	22.18	22.10	22.22	21.99	22.16		
15	16QAM	1	0	21.95	21.90	21.89	22.02	22.01	23	0
15	16QAM	1	37	21.87	21.80	21.85	21.82	21.97		
15	16QAM	1	74	22.01	21.81	22.04	21.79	21.85		
15	16QAM	36	0	20.94	20.95	21.05	20.98	20.90	22	1
15	16QAM	36	20	20.93	20.99	21.02	20.89	21.03		
15	16QAM	36	39	21.02	21.00	21.01	20.91	20.86		
15	16QAM	75	0	20.89	20.95	21.05	20.84	20.80		
15	64QAM	1	0	21.17	21.12	21.18	20.99	21.00	22	1
15	64QAM	1	37	20.88	20.92	20.96	20.88	20.91		
15	64QAM	1	74	20.80	20.91	20.94	20.95	20.86		
15	64QAM	36	0	19.87	20.01	20.01	19.91	19.84	21	2
15	64QAM	36	20	19.92	19.99	19.96	20.11	19.89		
15	64QAM	36	39	19.98	20.04	20.08	19.80	19.86		
15	64QAM	75	0	19.77	19.86	19.87	19.92	19.90		
15	256QAM	1	0	17.70	17.85	17.99	17.70	17.88	19	4
15	256QAM	1	37	17.75	17.85	17.88	17.79	17.69		
15	256QAM	1	74	17.81	17.59	17.79	17.61	17.66		
15	256QAM	36	0	17.74	17.82	17.89	17.72	17.77	19	4
15	256QAM	36	20	17.87	17.82	17.91	17.74	17.84		
15	256QAM	36	39	17.86	17.73	17.80	17.77	17.75		
15	256QAM	75	0	17.66	17.78	17.76	17.90	17.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.92	21.85	21.99	21.92	21.89	23	0
10	QPSK	1	25	22.02	21.95	22.02	22.01	22.01		
10	QPSK	1	49	21.97	21.84	21.99	21.89	21.91		
10	QPSK	25	0	22.16	22.16	22.20	22.28	22.20	23	0
10	QPSK	25	12	22.20	22.15	22.37	22.20	22.16		
10	QPSK	25	25	22.02	21.85	21.93	21.93	22.02		
10	QPSK	50	0	22.15	22.22	22.08	22.03	21.96		
10	16QAM	1	0	21.77	21.97	22.04	21.88	21.85	23	0
10	16QAM	1	25	21.84	21.81	21.87	21.80	22.02		
10	16QAM	1	49	21.88	21.95	22.05	21.97	21.97		
10	16QAM	25	0	20.96	20.98	20.95	20.89	20.84	22	1
10	16QAM	25	12	20.98	20.95	21.10	21.02	21.01		
10	16QAM	25	25	20.97	20.82	20.99	20.90	20.87		
10	16QAM	50	0	20.97	20.82	21.08	20.84	21.01		
10	64QAM	1	0	21.19	20.95	21.10	21.04	20.97	22	1
10	64QAM	1	25	20.87	20.96	20.95	20.84	20.91		
10	64QAM	1	49	20.81	21.06	21.10	21.06	20.98		
10	64QAM	25	0	20.00	19.95	20.01	19.88	19.77	21	2
10	64QAM	25	12	20.06	20.11	19.93	19.89	20.00		
10	64QAM	25	25	19.83	19.97	19.85	19.94	19.91		
10	64QAM	50	0	19.96	19.82	19.94	19.81	19.96		
10	256QAM	1	0	17.75	17.80	17.90	17.73	17.75	19	4
10	256QAM	1	25	17.70	17.76	17.87	17.72	17.73		
10	256QAM	1	49	17.72	17.70	17.84	17.76	17.60		
10	256QAM	25	0	17.74	17.71	17.70	17.80	17.89	19	4
10	256QAM	25	12	17.77	17.89	17.90	17.82	17.85		
10	256QAM	25	25	17.75	17.74	17.85	17.88	17.86		
10	256QAM	50	0	17.85	17.81	17.93	17.86	17.90		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.94	21.96	22.07	21.91	22.00	23	0
5	QPSK	1	12	22.04	22.02	22.02	21.96	21.96		
5	QPSK	1	24	21.95	21.93	21.96	21.96	21.97		
5	QPSK	12	0	22.27	22.29	22.30	22.16	22.28	23	0
5	QPSK	12	7	22.03	22.20	22.19	22.10	22.31		
5	QPSK	12	13	21.96	21.88	22.10	21.91	21.92		
5	QPSK	25	0	22.06	22.07	21.99	21.99	22.18		
5	16QAM	1	0	21.77	21.88	21.87	21.98	21.94	23	0
5	16QAM	1	12	21.87	21.86	21.84	21.96	21.85		
5	16QAM	1	24	21.93	21.76	22.03	21.77	21.85		
5	16QAM	12	0	20.87	20.93	21.00	20.98	20.91	22	1
5	16QAM	12	7	20.81	20.81	20.92	20.88	20.97		
5	16QAM	12	13	20.92	21.01	21.04	20.99	21.00		
5	16QAM	25	0	20.88	20.81	20.86	20.99	20.83		
5	64QAM	1	0	21.03	21.12	21.11	21.00	20.96	22	1
5	64QAM	1	12	20.93	21.06	20.95	21.06	20.99		
5	64QAM	1	24	20.81	20.95	20.92	20.96	20.90		
5	64QAM	12	0	19.97	19.90	20.08	20.00	19.89	21	2
5	64QAM	12	7	19.90	19.95	20.08	20.06	19.83		
5	64QAM	12	13	19.87	19.85	20.04	19.77	20.00		
5	64QAM	25	0	19.95	19.82	19.91	19.88	19.96		
5	256QAM	1	0	17.71	17.82	17.87	17.86	17.82	19	4
5	256QAM	1	12	17.81	17.84	17.73	17.70	17.68		
5	256QAM	1	24	17.70	17.58	17.87	17.62	17.65		
5	256QAM	12	0	17.65	17.70	17.86	17.79	17.80	19	4
5	256QAM	12	7	17.80	17.74	17.84	17.73	17.68		
5	256QAM	12	13	17.72	17.91	17.81	17.68	17.84		
5	256QAM	25	0	17.81	17.78	17.85	17.82	17.80		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20050	20175	20300		
	Frequency (MHz)			1720	1732.5	1745		
20	QPSK	1	0	15.41	15.58	15.37		
20	QPSK	1	49	15.49	15.51	15.38	17	0
20	QPSK	1	99	15.33	15.56	15.47		
20	QPSK	50	0	15.43	15.55	15.44		
20	QPSK	50	24	15.48	15.47	15.36	17	0
20	QPSK	50	50	15.35	15.46	15.44		
20	QPSK	100	0	15.36	15.47	15.40		
20	16QAM	1	0	15.37	15.41	15.43		
20	16QAM	1	49	15.42	15.46	15.44	17	0
20	16QAM	1	99	15.37	15.50	15.43		
20	16QAM	50	0	15.44	15.43	15.34		
20	16QAM	50	24	15.43	15.55	15.40	17	0
20	16QAM	50	50	15.35	15.43	15.48		
20	16QAM	100	0	15.33	15.47	15.44		
20	64QAM	1	0	15.38	15.42	15.46		
20	64QAM	1	49	15.45	15.45	15.39	17	0
20	64QAM	1	99	15.32	15.51	15.41		
20	64QAM	50	0	15.41	15.51	15.36		
20	64QAM	50	24	15.35	15.57	15.49	17	0
20	64QAM	50	50	15.48	15.46	15.52		
20	64QAM	100	0	15.50	15.48	15.37		
20	256QAM	1	0	15.36	15.55	15.35		
20	256QAM	1	49	15.41	15.47	15.48	17	0
20	256QAM	1	99	15.46	15.40	15.34		
20	256QAM	50	0	15.39	15.54	15.51		
20	256QAM	50	24	15.34	15.53	15.43	17	0
20	256QAM	50	50	15.46	15.49	15.34		
20	256QAM	100	0	15.44	15.55	15.37		
	Channel			20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	15.35	15.37	15.28		
15	QPSK	1	37	15.38	15.34	15.24	17	0
15	QPSK	1	74	15.22	15.44	15.35		
15	QPSK	36	0	15.36	15.29	15.21		
15	QPSK	36	20	15.28	15.31	15.26	17	0
15	QPSK	36	39	15.33	15.38	15.40		
15	QPSK	75	0	15.24	15.30	15.36		
15	16QAM	1	0	15.22	15.34	15.29		
15	16QAM	1	37	15.37	15.32	15.26	17	0
15	16QAM	1	74	15.33	15.47	15.28		
15	16QAM	36	0	15.42	15.24	15.23		
15	16QAM	36	20	15.36	15.52	15.36	17	0
15	16QAM	36	39	15.32	15.28	15.39		
15	16QAM	75	0	15.20	15.40	15.38		
15	64QAM	1	0	15.25	15.41	15.36		
15	64QAM	1	37	15.31	15.35	15.37	17	0
15	64QAM	1	74	15.16	15.37	15.27		
15	64QAM	36	0	15.23	15.44	15.20		
15	64QAM	36	20	15.32	15.55	15.48	17	0
15	64QAM	36	39	15.29	15.33	15.45		
15	64QAM	75	0	15.49	15.46	15.20		
15	256QAM	1	0	15.17	15.52	15.16		
15	256QAM	1	37	15.33	15.31	15.30	17	0
15	256QAM	1	74	15.45	15.28	15.31		
15	256QAM	36	0	15.29	15.44	15.35		
15	256QAM	36	20	15.21	15.47	15.36	17	0
15	256QAM	36	39	15.38	15.32	15.31		
15	256QAM	75	0	15.41	15.51	15.23		
	Channel			20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	15.25	15.40	15.19		
10	QPSK	1	25	15.36	15.47	15.27	17	0
10	QPSK	1	49	15.32	15.40	15.37		
10	QPSK	25	0	15.46	15.40	15.26		
10	QPSK	25	12	15.39	15.37	15.42	17	0
10	QPSK	25	25	15.25	15.44	15.29		
10	QPSK	50	0	15.21	15.42	15.26		
10	16QAM	1	0	15.20	15.40	15.38		
10	16QAM	1	25	15.27	15.37	15.42	17	0
10	16QAM	1	49	15.27	15.48	15.39		
10	16QAM	25	0	15.37	15.41	15.27		
10	16QAM	25	12	15.31	15.36	15.23	17	0
10	16QAM	25	25	15.31	15.40	15.40		
10	16QAM	50	0	15.25	15.40	15.43		
10	64QAM	1	0	15.26	15.37	15.40		
10	64QAM	1	25	15.28	15.38	15.32	17	0
10	64QAM	1	49	15.27	15.43	15.36		
10	64QAM	25	0	15.35	15.34	15.22		
10	64QAM	25	12	15.23	15.43	15.32	17	0
10	64QAM	25	25	15.33	15.29	15.47		
10	64QAM	50	0	15.48	15.40	15.19		
10	256QAM	1	0	15.29	15.52	15.27		
10	256QAM	1	25	15.28	15.45	15.33	17	0
10	256QAM	1	49	15.39	15.28	15.20		
10	256QAM	25	0	15.36	15.45	15.41		
10	256QAM	25	12	15.17	15.46	15.36	17	0
10	256QAM	25	25	15.30	15.46	15.31		
10	256QAM	50	0	15.26	15.38	15.31		
	Channel			19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1732.5	1752.5		
5	QPSK	1	0	15.24	15.31	15.33		
5	QPSK	1	12	15.37	15.45	15.33	17	0
5	QPSK	1	24	15.53	15.36	15.36		
5	QPSK	12	0	15.34	15.40	15.26		
5	QPSK	12	7	15.28	15.44	15.27	17	0
5	QPSK	12	13	15.23	15.38	15.29		
5	QPSK	25	0	15.21	15.34	15.29		
5	16QAM	1	0	15.23	15.24	15.36		
5	16QAM	1	12	15.28	15.44	15.31	17	0
5	16QAM	1	24	15.20	15.39	15.36		
5	16QAM	12	0	15.41	15.29	15.28		
5	16QAM	12	7	15.33	15.53	15.32	17	0
5	16QAM	12	13	15.21	15.28	15.37		
5	16QAM	25	0	15.22	15.38	15.35		
5	64QAM	1	0	15.21	15.32	15.33		
5	64QAM	1	12	15.42	15.40	15.32	17	0
5	64QAM	1	24	15.28	15.34	15.36		
5	64QAM	12	0	15.26	15.37	15.24		
5	64QAM	12	7	15.17	15.51	15.44	17	0
5	64QAM	12	13	15.47	15.30	15.50		
5	64QAM	25	0	15.35	15.47	15.22		
5	256QAM	1	0	15.25	15.54	15.17		
5	256QAM	1	12	15.27	15.41	15.47	17	0
5	256QAM	1	24	15.33	15.31	15.20		
5	256QAM	12	0	15.20	15.47	15.48		
5	256QAM	12	7	15.25	15.37	15.31	17	0
5	256QAM	12	13	15.36	15.45	15.22		
5	256QAM	25	0	15.29	15.36	15.25		
	Channel			19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	15.33	15.48	15.25		
3	QPSK	1	8	15.48	15.44	15.23	17	0
3	QPSK	1	14	15.22	15.55	15.37		
3	QPSK	8	0	15.39	15.36	15.22		
3	QPSK	8	4	15.32	15.39	15.40	17	0
3	QPSK	8	7	15.19	15.37	15.30		
3	QPSK	15	0	15.29	15.41	15.26		
3	16QAM	1	0	15.35	15.24	15.30		
3	16QAM	1	8	15.35	15.41	15.39	17	0
3	16QAM	1	14	15.35	15.37	15.27		
3	16QAM	8	0	15.37	15.33	15.25		
3	16QAM	8	4	15.41	15.46	15.31	17	0
3	16QAM	8	7	15.21	15.25	15.33		
3	16QAM	15	0	15.17	15.38	15.33		
3	64QAM	1	0	15.28	15.28	15.34		
3	64QAM	1	8	15.31	15.30	15.31	17	0
3	64QAM	1	14	15.27	15.45	15.37		
3	64QAM	8	0	15.32	15.41	15.30		
3	64QAM	8	4	15.31	15.50	15.41	17	0
3	64QAM	8	7	15.44	15.31	15.42		
3	64QAM	15	0	15.36	15.51	15.31		
3	256QAM	1	0	15.24	15.37	15.17		
3	256QAM	1	8	15.31	15.38	15.43	17	0
3	256QAM	1	14	15.38	15.22	15.16		
3	256QAM	8	0	15.37	15.47	15.38		
3	256QAM	8	4	15.24	15.35	15.32	17	0
3	256QAM	8	7	15.38	15.42	15.15		
3	256QAM	15	0	15.38	15.48	15.27		
	Channel			19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.31	15.49	15.32		
1.4	QPSK	1	3	15.43	15.41	15.32		
1.4	QPSK	1	5	15.16	15.53	15.32	17	0
1.4	QPSK	3	0	15.47	15.46	15.22		
1.4	QPSK	3	1	15.25	15.43	15.35		
1.4	QPSK	3	3	15.19	15.28	15.33		
1.4	QPSK	6	0	15.32	15.40	15.22	17	0
1.4	16QAM	1	0	15.32	15.32	15.31		
1.4	16QAM	1	3	15.34	15.42	15.36		
1.4	16QAM	1	5	15.25	15.32	15.29	17	0
1.4	16QAM	3	0	15.30	15.37	15.19		
1.4	16QAM	3	1	15.31	15.51	15.38		
1.4	16QAM	3	3	15.17	15.28	15.38		
1.4	16QAM	6	0	15.32	15.38	15.30	17	0
1.4	64QAM	1	0	15.27	15.23	15.33		
1.4	64QAM	1	3	15.43	15.41	15.20		
1.4	64QAM	1	5	15.19	15.41	15.37	17	0
1.4	64QAM	3	0	15.34	15.48	15.34		
1.4	64QAM	3	1	15.16	15.51	15.44		
1.4	64QAM	3	3	15.35	15.39	15.34		
1.4	64QAM	6	0	15.41	15.54	15.31	17	0
1.4	256QAM	1	0	15.23	15.52	15.17		
1.4	256QAM	1	3	15.31	15.42	15.33		
1.4	256QAM	1	5	15.30	15.37	15.29	17	0
1.4	256QAM	3	0	15.22	15.45	15.48		
1.4	256QAM	3	1	15.28	15.36	15.33		
1.4	256QAM	3	3	15.30	15.44	15.33		
1.4	256QAM	6	0	15.37	15.47	15.30	17	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			20850	21100	21350		
	Frequency (MHz)			2510	2535	2560		
20	QPSK	1	0	17.16	17.35	17.10		
20	QPSK	1	49	17.20	17.26	17.23	18.5	0
20	QPSK	1	99	17.23	17.26	17.13		
20	QPSK	50	0	17.28	17.33	17.12		
20	QPSK	50	24	17.17	17.29	17.22	18.5	0
20	QPSK	50	50	17.29	17.20	17.20		
20	QPSK	100	0	17.25	17.26	17.21		
20	16QAM	1	0	17.20	17.27	17.07		
20	16QAM	1	49	17.30	17.27	17.13	18.5	0
20	16QAM	1	99	17.25	17.32	17.18		
20	16QAM	50	0	17.17	17.32	17.19		
20	16QAM	50	24	17.27	17.26	17.16	18.5	0
20	16QAM	50	50	17.28	17.30	17.23		
20	16QAM	100	0	17.32	17.26	17.18		
20	64QAM	1	0	17.16	17.17	17.12		
20	64QAM	1	49	17.31	17.27	17.10	18.5	0
20	64QAM	1	99	17.30	17.33	17.13		
20	64QAM	50	0	17.26	17.23	17.16		
20	64QAM	50	24	17.19	17.32	17.17	18.5	0
20	64QAM	50	50	17.21	17.26	17.21		
20	64QAM	100	0	17.23	17.26	17.23		
20	256QAM	1	0	17.23	17.25	17.17		
20	256QAM	1	49	17.23	17.26	17.07	18.5	0
20	256QAM	1	99	17.31	17.27	17.17		
20	256QAM	50	0	17.19	17.18	17.21		
20	256QAM	50	24	17.32	17.21	17.19	18.5	0
20	256QAM	50	50	17.18	17.31	17.12		
20	256QAM	100	0	17.26	17.22	17.07		
	Channel			20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2507.5	2535	2562.5		
15	QPSK	1	0	17.00	17.22	17.08		
15	QPSK	1	37	17.08	17.11	17.11	18.5	0
15	QPSK	1	74	17.18	17.11	17.02		
15	QPSK	36	0	17.15	17.23	17.08		
15	QPSK	36	20	17.11	17.28	17.04	18.5	0
15	QPSK	36	39	17.14	17.13	17.18		
15	QPSK	75	0	17.14	17.20	17.03		
15	16QAM	1	0	17.13	17.10	17.04		
15	16QAM	1	37	17.15	17.12	16.98	18.5	0
15	16QAM	1	74	17.17	17.25	17.11		
15	16QAM	36	0	17.06	17.24	17.09		
15	16QAM	36	20	17.14	17.20	17.11	18.5	0
15	16QAM	36	39	17.18	17.16	17.07		
15	16QAM	75	0	17.13	17.16	17.10		
15	64QAM	1	0	17.02	17.06	17.01		
15	64QAM	1	37	17.22	17.16	17.07	18.5	0
15	64QAM	1	74	17.22	17.24	16.99		
15	64QAM	36	0	17.13	17.09	17.03		
15	64QAM	36	20	17.03	17.16	17.08	18.5	0
15	64QAM	36	39	17.07	17.23	17.12		
15	64QAM	75	0	17.22	17.08	17.06		
15	256QAM	1	0	17.11	17.06	17.09		
15	256QAM	1	37	17.14	17.10	16.90	18.5	0
15	256QAM	1	74	17.22	17.21	17.02		
15	256QAM	36	0	17.01	17.11	17.18		
15	256QAM	36	20	17.16	17.11	17.10	18.5	0
15	256QAM	36	39	17.14	17.12	17.08		
15	256QAM	75	0	17.07	17.16	16.99		
	Channel			20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2505	2535	2565		
10	QPSK	1	0	17.09	17.23	16.92		
10	QPSK	1	25	17.18	17.23	17.04	18.5	0
10	QPSK	1	49	17.04	17.23	16.99		
10	QPSK	25	0	17.04	17.12	17.20		
10	QPSK	25	12	17.10	17.23	17.07	18.5	0
10	QPSK	25	25	17.25	17.10	17.18		
10	QPSK	50	0	17.11	17.16	17.10		
10	16QAM	1	0	17.18	17.10	16.95		
10	16QAM	1	25	17.27	17.13	17.00	18.5	0
10	16QAM	1	49	17.13	17.24	17.03		
10	16QAM	25	0	17.00	17.24	17.00		
10	16QAM	25	12	17.22	17.19	17.11	18.5	0
10	16QAM	25	25	17.20	17.19	17.08		
10	16QAM	50	0	17.17	17.11	17.12		
10	64QAM	1	0	17.00	17.01	17.01		
10	64QAM	1	25	17.26	17.24	16.98	18.5	0
10	64QAM	1	49	17.24	17.31	17.08		
10	64QAM	25	0	17.12	17.11	17.03		
10	64QAM	25	12	17.04	17.27	17.00	18.5	0
10	64QAM	25	25	17.09	17.24	17.11		
10	64QAM	50	0	17.22	17.15	17.09		
10	256QAM	1	0	17.07	17.21	17.04		
10	256QAM	1	25	17.09	17.19	17.00	18.5	0
10	256QAM	1	49	17.29	17.23	17.08		
10	256QAM	25	0	17.14	17.26	17.16		
10	256QAM	25	12	17.15	17.09	17.04	18.5	0
10	256QAM	25	25	17.13	17.25	17.00		
10	256QAM	50	0	17.09	17.04	16.98		
	Channel			20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			2502.5	2535	2567.5		
5	QPSK	1	0	17.09	17.17	17.05		
5	QPSK	1	12	17.03	17.07	17.22	18.5	0
5	QPSK	1	24	17.11	17.21	16.95		
5	QPSK	12	0	17.06	17.23	17.09		
5	QPSK	12	7	17.13	17.24	17.10	18.5	0
5	QPSK	12	13	17.12	17.12	17.03		
5	QPSK	25	0	17.13	17.23	17.17		
5	16QAM	1	0	17.12	17.18	16.90		
5	16QAM	1	12	17.13	17.17	16.97	18.5	0
5	16QAM	1	24	17.18	17.16	17.04		
5	16QAM	12	0	16.99	17.26	17.16		
5	16QAM	12	7	17.25	17.11	17.09	18.5	0
5	16QAM	12	13	17.24	17.12	17.15		
5	16QAM	25	0	17.21	17.15	17.10		
5	64QAM	1	0	17.14	17.12	16.98		
5	64QAM	1	12	17.21	17.19	17.05	18.5	0
5	64QAM	1	24	17.22	17.22	17.06		
5	64QAM	12	0	17.25	17.16	17.02		
5	64QAM	12	7	17.00	17.17	17.10	18.5	0
5	64QAM	12	13	17.20	17.26	17.09		
5	64QAM	25	0	17.15	17.10	17.06		
5	256QAM	1	0	17.16	17.04	17.02		
5	256QAM	1	12	17.05	17.20	17.01	18.5	0
5	256QAM	1	24	17.15	17.13	17.16		
5	256QAM	12	0	17.13	17.00	17.03		
5	256QAM	12	7	17.30	17.05	17.12	18.5	0
5	256QAM	12	13	17.14	17.25	17.10		
5	256QAM	25	0	17.08	17.03	16.98		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			132072	132322	132572		
	Frequency (MHz)			1720	1745	1770		
20	QPSK	1	0	17.39	17.53	17.22		
20	QPSK	1	49	17.46	17.42	17.31	17.7	0
20	QPSK	1	99	17.35	17.45	17.27		
20	QPSK	50	0	17.38	17.43	17.31		
20	QPSK	50	24	17.35	17.36	17.27	17.7	0
20	QPSK	50	50	17.42	17.35	17.37		
20	QPSK	100	0	17.37	17.39	17.24		
20	16QAM	1	0	17.40	17.33	17.38		
20	16QAM	1	49	17.29	17.50	17.29	17.7	0
20	16QAM	1	99	17.42	17.43	17.31		
20	16QAM	50	0	17.33	17.49	17.33		
20	16QAM	50	24	17.38	17.34	17.32	17.7	0
20	16QAM	50	50	17.41	17.37	17.23		
20	16QAM	100	0	17.36	17.46	17.22		
20	64QAM	1	0	17.30	17.41	17.27		
20	64QAM	1	49	17.38	17.40	17.37	17.7	0
20	64QAM	1	99	17.33	17.32	17.28		
20	64QAM	50	0	17.42	17.34	17.28		
20	64QAM	50	24	17.37	17.34	17.29	17.7	0
20	64QAM	50	50	17.36	17.35	17.24		
20	64QAM	100	0	17.41	17.40	17.30		
20	256QAM	1	0	17.37	17.34	17.27		
20	256QAM	1	49	17.41	17.46	17.37	17.7	0
20	256QAM	1	99	17.42	17.35	17.36		
20	256QAM	50	0	17.45	17.45	17.26		
20	256QAM	50	24	17.31	17.38	17.31	17.7	0
20	256QAM	50	50	17.30	17.50	17.25		
20	256QAM	100	0	17.37	17.42	17.32		
	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	17.30	17.28	17.18		
15	QPSK	1	37	17.28	17.35	17.24	17.7	0
15	QPSK	1	74	17.30	17.36	17.22		
15	QPSK	36	0	17.28	17.30	17.18		
15	QPSK	36	20	17.24	17.33	17.16	17.7	0
15	QPSK	36	39	17.35	17.31	17.21		
15	QPSK	75	0	17.33	17.25	17.11		
15	16QAM	1	0	17.33	17.30	17.28		
15	16QAM	1	37	17.21	17.36	17.27	17.7	0
15	16QAM	1	74	17.36	17.37	17.29		
15	16QAM	36	0	17.27	17.42	17.14		
15	16QAM	36	20	17.31	17.28	17.21	17.7	0
15	16QAM	36	39	17.30	17.23	17.09		
15	16QAM	75	0	17.32	17.29	17.21		
15	64QAM	1	0	17.28	17.25	17.18		
15	64QAM	1	37	17.22	17.34	17.27	17.7	0
15	64QAM	1	74	17.17	17.25	17.13		
15	64QAM	36	0	17.34	17.19	17.16		
15	64QAM	36	20	17.26	17.30	17.22	17.7	0
15	64QAM	36	39	17.29	17.28	17.09		
15	64QAM	75	0	17.12	17.27	17.23		
15	256QAM	1	0	17.30	17.16	17.18		
15	256QAM	1	37	17.29	17.41	17.25	17.7	0
15	256QAM	1	74	17.39	17.27	17.32		
15	256QAM	36	0	17.28	17.41	17.08		
15	256QAM	36	20	17.18	17.24	17.25	17.7	0
15	256QAM	36	39	17.21	17.44	17.11		
15	256QAM	75	0	17.22	17.37	17.22		
	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1745	1775		
10	QPSK	1	0	17.28	17.33	17.12		
10	QPSK	1	25	17.39	17.38	17.17	17.7	0
10	QPSK	1	49	17.18	17.29	17.25		
10	QPSK	25	0	17.29	17.22	17.20		
10	QPSK	25	12	17.21	17.31	17.23	17.7	0
10	QPSK	25	25	17.30	17.34	17.34		
10	QPSK	50	0	17.29	17.20	17.12		
10	16QAM	1	0	17.27	17.23	17.33		
10	16QAM	1	25	17.27	17.38	17.12	17.7	0
10	16QAM	1	49	17.39	17.38	17.23		
10	16QAM	25	0	17.27	17.34	17.27		
10	16QAM	25	12	17.20	17.32	17.29	17.7	0
10	16QAM	25	25	17.27	17.

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BW [MHz]	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)				2590	2595	2610		
20	QPSK	1	0	16.98	17.31	17.00		
20	QPSK	1	49	17.07	17.11	16.93	18	0
20	QPSK	1	99	16.98	17.29	17.04		
20	QPSK	50	0	17.00	17.29	16.98		
20	QPSK	50	24	17.08	17.26	17.01	18	0
20	QPSK	50	50	17.10	17.21	17.01		
20	QPSK	100	0	17.08	17.18	16.97		
20	16QAM	1	0	17.11	17.20	16.93		
20	16QAM	1	49	17.01	17.28	17.03	18	0
20	16QAM	1	99	17.12	17.18	17.07		
20	16QAM	50	0	17.03	17.12	16.95		
20	16QAM	50	24	17.05	17.19	16.93	18	0
20	16QAM	50	50	17.09	17.21	17.01		
20	16QAM	100	0	17.01	17.19	17.01		
20	64QAM	1	0	17.09	17.12	16.98		
20	64QAM	1	49	17.12	17.11	17.06	18	0
20	64QAM	1	99	17.12	17.16	16.99		
20	64QAM	50	0	17.11	17.29	17.06		
20	64QAM	50	24	17.12	17.28	17.02	18	0
20	64QAM	50	50	17.07	17.16	17.05		
20	64QAM	100	0	17.13	17.12	17.04		
20	256QAM	1	0	17.09	17.14	17.03		
20	256QAM	1	49	17.01	17.17	16.93	18	0
20	256QAM	1	99	17.09	17.13	17.09		
20	256QAM	50	0	17.09	17.29	17.06		
20	256QAM	50	24	17.05	17.28	17.09	18	0
20	256QAM	50	50	17.00	17.17	16.98		
20	256QAM	100	0	16.99	17.21	17.06		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.97	17.06	16.87	18	0
15	QPSK	1	37	16.88	17.08	16.76		
15	QPSK	1	74	16.92	17.17	16.90		
15	QPSK	36	0	17.02	17.08	16.90	18	0
15	QPSK	36	20	16.99	17.11	16.87		
15	QPSK	36	39	16.99	17.03	16.84		
15	QPSK	75	0	16.95	17.09	16.95		
15	16QAM	1	0	17.09	17.10	16.83	18	0
15	16QAM	1	37	16.99	17.16	16.97		
15	16QAM	1	74	16.95	17.05	17.03		
15	16QAM	36	0	16.98	17.00	16.87		
15	16QAM	36	20	17.00	17.17	16.81	18	0
15	16QAM	36	39	16.92	17.09	16.83		
15	16QAM	75	0	16.88	17.04	16.94		
15	64QAM	1	0	16.91	17.05	16.95		
15	64QAM	1	37	16.99	17.01	16.88	18	0
15	64QAM	1	74	16.96	17.12	16.88		
15	64QAM	36	0	17.00	17.26	17.05		
15	64QAM	36	20	17.05	17.16	16.84	18	0
15	64QAM	36	39	16.98	16.99	17.02		
15	64QAM	75	0	16.98	17.08	16.94		
15	256QAM	1	0	17.00	17.10	16.89		
15	256QAM	1	37	16.93	17.04	16.77	18	0
15	256QAM	1	74	16.91	17.00	17.05		
15	256QAM	36	0	17.04	17.28	16.88		
15	256QAM	36	20	16.89	17.23	16.96	18	0
15	256QAM	36	39	16.82	17.03	16.89		
15	256QAM	75	0	16.84	17.04	16.93		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.92	17.10	16.94	18	0
10	QPSK	1	25	16.88	17.02	16.79		
10	QPSK	1	49	16.93	17.27	16.86		
10	QPSK	25	0	17.01	17.12	16.85		
10	QPSK	25	12	16.95	17.11	16.87	18	0
10	QPSK	25	25	16.93	17.03	16.86		
10	QPSK	50	0	17.02	17.11	16.87		
10	16QAM	1	0	16.94	17.07	16.88		
10	16QAM	1	25	16.95	17.23	16.99	18	0
10	16QAM	1	49	17.03	17.17	16.96		
10	16QAM	25	0	16.86	17.00	16.90		
10	16QAM	25	12	16.87	17.08	16.91	18	0
10	16QAM	25	25	16.91	17.12	16.89		
10	16QAM	50	0	16.93	17.17	16.90		
10	64QAM	1	0	17.07	17.01	16.80		
10	64QAM	1	25	17.08	16.95	16.93	18	0
10	64QAM	1	49	17.10	17.04	16.85		
10	64QAM	25	0	17.02	17.22	16.96		
10	64QAM	25	12	16.94	17.21	16.91	18	0
10	64QAM	25	25	17.01	17.10	16.88		
10	64QAM	50	0	16.96	17.08	16.93		
10	256QAM	1	0	16.99	17.11	16.86		
10	256QAM	1	25	16.98	16.99	16.87	18	0
10	256QAM	1	49	17.05	17.09	16.98		
10	256QAM	25	0	16.96	17.25	17.03		
10	256QAM	25	12	16.94	17.14	16.93	18	0
10	256QAM	25	25	16.88	17.01	16.97		
10	256QAM	50	0	16.88	17.16	16.90		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.91	17.00	16.96	18	0
5	QPSK	1	12	17.06	17.03	16.82		
5	QPSK	1	24	16.82	17.23	16.90		
5	QPSK	12	0	17.04	17.21	16.98		
5	QPSK	12	7	16.87	17.06	16.96	18	0
5	QPSK	12	13	16.97	17.11	16.85		
5	QPSK	25	0	17.02	17.11	16.83		
5	16QAM	1	0	17.05	17.19	16.82		
5	16QAM	1	12	16.92	17.26	16.88	18	0
5	16QAM	1	24	17.04	17.05	17.03		
5	16QAM	12	0	16.87	16.94	16.92		
5	16QAM	12	7	16.98	17.04	16.78	18	0
5	16QAM	12	13	17.02	17.03	16.91		
5	16QAM	25	0	16.83	17.08	16.96		
5	64QAM	1	0	16.93	17.04	16.96		
5	64QAM	1	12	16.96	16.97	16.98	18	0
5	64QAM	1	24	16.97	17.10	16.89		
5	64QAM	12	0	17.07	17.11	16.88		
5	64QAM	12	7	17.11	17.15	16.90	18	0
5	64QAM	12	13	16.91	17.12	16.88		
5	64QAM	25	0	17.02	17.03	16.99		
5	256QAM	1	0	17.00	16.98	16.84		
5	256QAM	1	12	16.97	17.00	16.79	18	0
5	256QAM	1	24	16.97	16.97	16.98		
5	256QAM	12	0	16.92	17.11	16.93		
5	256QAM	12	7	16.92	17.23	17.05	18	0
5	256QAM	12	13	16.92	17.09	16.90		
5	256QAM	25	0	16.90	17.17	17.02		

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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				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2540.5	2593	2636.5	2680	
20	QPSK	1	0	17.06	17.04	17.25	17.03	17.07	
20	QPSK	1	49	17.04	17.04	17.14	17.07	17.04	18	0
20	QPSK	1	99	17.08	17.13	17.17	17.00	17.06	
20	QPSK	50	0	17.10	17.07	17.21	17.14	17.02	
20	QPSK	50	24	17.15	16.97	17.20	17.10	16.95	18	0
20	QPSK	50	50	17.16	17.11	17.20	17.05	17.00	
20	QPSK	100	0	17.10	17.05	17.15	17.02	16.97	
20	16QAM	1	0	17.13	17.01	17.20	17.09	17.10	
20	16QAM	1	49	17.09	17.07	17.05	17.04	17.07	18	0
20	16QAM	1	99	17.13	17.10	17.20	17.06	16.92	
20	16QAM	50	0	17.10	17.03	17.08	17.08	17.02	
20	16QAM	50	24	17.08	17.08	17.13	17.15	16.96	18	0
20	16QAM	50	50	17.06	17.10	17.14	17.14	16.94	
20	16QAM	100	0	17.15	17.05	17.06	16.97	16.96	
20	64QAM	1	0	17.04	17.02	17.18	17.03	17.03	
20	64QAM	1	49	17.13	17.10	17.15	16.99	17.08	18	0
20	64QAM	1	99	17.12	17.10	17.11	17.09	17.00	
20	64QAM	50	0	17.02	17.08	17.19	17.11	17.08	
20	64QAM	50	24	17.16	17.07	17.16	17.00	17.04	18	0
20	64QAM	50	50	17.16	17.02	17.11	17.05	17.08	
20	64QAM	100	0	17.05	17.13	17.10	17.11	17.00	
20	256QAM	1	0	17.13	16.97	17.12	17.09	17.06	
20	256QAM	1	49	17.04	16.97	17.14	17.10	17.04	18	0
20	256QAM	1	99	17.16	17.04	17.14	17.13	17.09	
20	256QAM	50	0	17.09	17.09	17.13	17.05	16.96	
20	256QAM	50	24	17.11	17.01	17.10	17.10	17.09	18	0
20	256QAM	50	50	17.06	17.00	17.20	16.99	16.94	
20	256QAM	100	0	17.06	17.00	17.18	17.08	17.07	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.95	16.91	17.10	17.00	16.92	18	0
15	QPSK	1	37	16.99	17.01	17.08	17.02	16.93		
15	QPSK	1	74	17.03	17.04	16.99	16.94	17.02		
15	QPSK	36	0	16.97	16.92	17.13	16.94	16.84	18	0
15	QPSK	36	20	16.97	16.89	17.10	17.02	16.84		
15	QPSK	36	39	17.09	16.95	17.10	16.87	16.89		
15	QPSK	75	0	16.92	16.87	17.11	16.98	16.91		
15	16QAM	1	0	17.00	16.96	17.08	16.99	17.01		
15	16QAM	1	37	16.93	16.90	16.88	16.99	16.96	18	0
15	16QAM	1	74	17.00	16.92	17.14	16.87	16.78		
15	16QAM	36	0	17.01	16.85	16.89	16.97	16.88		
15	16QAM	36	20	16.95	17.06	17.00	17.08	16.81	18	0
15	16QAM	36	39	16.92	17.00	17.02	17.03	16.86		
15	16QAM	75	0	17.13	17.04	16.94	16.82	16.83		
15	64QAM	1	0	16.98	16.89	17.13	16.98	17.00		
15	64QAM	1	37	17.05	17.09	17.00	16.97	17.07	18	0
15	64QAM	1	74	17.04	17.05	16.92	17.07	16.89		
15	64QAM	36	0	16.84	17.00	17.04	17.04	16.90		
15	64QAM	36	20	17.02	16.96	16.98	16.82	16.96	18	0
15	64QAM	36	39	16.98	16.97	17.00	16.94	16.97		
15	64QAM	75	0	16.97	17.07	17.04	16.99	16.99		
15	256QAM	1	0	17.04	16.94	17.06	16.98	16.91		
15	256QAM	1	37	16.95	16.80	16.98	16.95	16.88	18	0
15	256QAM	1	74	17.13	16.95	17.06	17.02	16.95		
15	256QAM	36	0	17.03	17.07	17.10	16.92	16.79		
15	256QAM	36	20	17.04	16.98	16.95	17.03	16.95	18	0
15	256QAM	36	39	16.95	16.83	17.05	16.86	16.81		
15	256QAM	75	0	16.94	16.85	17.04	17.02	17.00		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.04	16.98	17.13	16.96	17.01	18	0
10	QPSK	1	25	16.86	17.03	17.05	16.96	16.94		
10	QPSK	1	49	16.94	17.04	17.08	16.81	16.93		
10	QPSK	25	0	17.03	16.85	17.06	16.97	16.84		
10	QPSK	25	12	17.01	17.00	17.07	17.06	16.85	18	0
10	QPSK	25	25	17.14	17.02	17.13	17.02	16.96		
10	QPSK	50	0	17.08	16.94	17.03	16.96	16.94		
10	16QAM	1	0	16.98	16.90	17.14	17.08	16.98		
10	16QAM	1	25	17.04	16.94	17.02	16.91	17.01	18	0
10	16QAM	1	49	17.10	17.06	17.10	16.97	16.80		
10	16QAM	25	0	17.05	16.93	17.06	16.97	16.88		
10	16QAM	25	12	16.93	17.06	17.11	16.98	16.90	18	0
10	16QAM	25	25	16.95	16.91	17.06	16.99	16.77		
10	16QAM	50	0	17.13	16.98	16.88	16.89	16.92		
10	64QAM	1	0	16.87	16.88	17.06	16.95	16.86		
10	64QAM	1	25	17.07	16.94	17.13	16.89	16.94	18	0
10	64QAM	1	49	16.99	17.01	17.00	17.06	16.87		
10	64QAM	25	0	16.94	16.94	17.01	16.96	16.93		
10	64QAM	25	12	16.99	16.93	17.15	16.88	16.92	18	0
10	64QAM	25	25	17.11	16.95	17.08	16.99	17.06		
10	64QAM	50	0	16.87	17.02	17.04	16.97	16.84		
10	256QAM	1	0	16.95	16.90	17.06	16.98	17.02		
10	256QAM	1	25	16.93	16.79	17.11	16.95	16.88	18	0
10	256QAM	1	49	17.02	17.03	17.06	17.01	17.04		
10	256QAM	25	0	17.06	17.06	17.05	16.97	16.82		
10	256QAM	25	12	17.09	16.98	16.93	17.06	17.06	18	0
10	256QAM	25	25	16.95	16.93	17.09	16.80	16.83		
10	256QAM	50	0	17.03	16.98	17.15	17.03	16.99		
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	16.96	17.02	17.16	16.91	17.00	18	0
5	QPSK	1	12	16.89	17.02	17.11	17.03	16.90		
5	QPSK	1	24	17.06	16.95	17.09	16.94	16.96		
5	QPSK	12	0	17.00	16.88	17.08	17.00	16.93		
5	QPSK	12	7	16.94	16.98	17.04	17.10	16.88	18	0
5	QPSK	12	13	17.12	16.94	17.15	16.98	16.94		
5	QPSK	25	0	16.98	17.04	17.06	16.85	16.91		
5	16QAM	1	0	17.11	17.00	17.08	16.99	16.92		
5	16QAM	1	12	16.94	17.06	16.89	16.88	17.03	18	0
5	16QAM	1	24	17.06	16.92	17.12	17.01	16.74		
5	16QAM	12	0	16.97	16.91	16.90	17.03	16.88		
5	16QAM	12	7	16.94	16.97	16.95	16.97	16.89	18	0
5	16QAM	12	13	16.94	16.92	17.09	17.05	16.81		
5	16QAM	25	0	17.11	16.90	16.99	16.85	16.85		
5	64QAM	1	0	16.95	17.00	17.04	16.88	16.87		
5	64QAM	1	12	17.01	16.98	16.98	16.93	16.94	18	0
5	64QAM	1	24	17.07	17.01	17.02	17.05	16.95		
5	64QAM	12	0	16.83	17.04	17.17	17.02	16.99		
5	64QAM	12	7	17.14	17.03	17.12	16.90	16.97	18	0
5	64QAM	12	13	17.13	16.85	16.97	16.93	17.01		
5	64QAM	25	0	16.86	17.02	17.00	17.02	16.93		
5	256QAM	1	0	17.09	16.85	17.01	16.93	17.03		
5	256QAM	1	12	16.97	16.93	17.03	17.01	16.99	18	0
5	256QAM	1	24	17.05	16.98	17.08	17.09	17.04		
5	256QAM	12	0	17.02	17.04	17.06	16.94	16.82		
5	256QAM	12	7	17.00	16.84	17.05	17.08	16.93	18	0
5	256QAM	12	13	16.95	16.86	17.07	16.93	16.90		
5	256QAM	25	0	16.92	16.92	17.09	17.04	17.01		

Full&Default Power Mode SA

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	π/2 BPSK	1	1	25.07	25.15	25.14		
20	π/2 BPSK	1	53	25.19	25.22	25.16	25.7	0.0
20	π/2 BPSK	1	104	25.20	25.31	25.27		
20	π/2 BPSK	50	0	24.59	24.69	24.61	25.2	0.5
20	π/2 BPSK	50	28	25.20	25.27	25.19	25.7	0.0
20	π/2 BPSK	50	56	24.61	24.66	24.61	25.2	0.5
20	π/2 BPSK	100	0	24.72	24.81	24.76		
20	QPSK	1	1	25.40	25.42	25.38		
20	QPSK	1	53	25.28	25.38	25.37	25.7	0.0
20	QPSK	1	104	25.36	25.39	25.32		
20	QPSK	50	0	24.20	24.22	24.19	24.7	1.0
20	QPSK	50	28	25.17	25.27	25.26	25.7	0.0
20	QPSK	50	56	24.12	24.18	24.11	24.7	1.0
20	QPSK	100	0	24.31	24.33	24.23		
20	16QAM	1	1	24.08	24.16	24.10	24.7	1.0
20	64QAM	1	1	22.65	22.67	22.64	23.2	2.5
20	256QAM	1	1	20.30	20.40	20.33	21.2	4.5
Channel				166300	167300	168300	Tune-up	MPR
Frequency (MHz)				831.5	836.5	841.5	limit	(dB)
15	QPSK	1	1	25.39	25.28	25.22	25.7	0.0
Channel				165800	167300	168800	Tune-up	MPR
Frequency (MHz)				829	836.5	844	limit	(dB)
10	QPSK	1	1	25.40	25.23	25.30	25.7	0.0
Channel				165300	167300	169300	Tune-up	MPR
Frequency (MHz)				826.5	836.5	846.5	limit	(dB)
5	QPSK	1	1	25.33	25.33	25.23	25.7	0.0

n7 Ant0 Other PA Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	π/2 BPSK	1	1	25.17	25.23	25.13		
40	π/2 BPSK	1	108	24.98	25.08	24.99	25.7	0.0
40	π/2 BPSK	1	214	25.14	25.22	25.12		
40	π/2 BPSK	108	0	24.57	24.58	24.53	25.2	0.5
40	π/2 BPSK	108	54	25.08	25.17	25.12	25.7	0.0
40	π/2 BPSK	108	108	24.53	24.57	24.52	25.2	0.5
40	π/2 BPSK	216	0	24.61	24.65	24.55		
40	QPSK	1	1	25.21	25.27	25.20		
40	QPSK	1	108	24.97	25.04	24.96	25.7	0.0
40	QPSK	1	214	25.07	25.17	25.07		
40	QPSK	108	0	24.10	24.18	24.09	24.7	1.0
40	QPSK	108	54	25.10	25.14	25.11	25.7	0.0
40	QPSK	108	108	24.02	24.12	24.03	24.7	1.0
40	QPSK	216	0	24.13	24.21	24.20		
40	16QAM	1	1	24.23	24.25	24.21	24.7	1.0
40	64QAM	1	1	22.58	22.65	22.59	23.2	2.5
40	256QAM	1	1	20.61	20.63	20.58	21.2	4.5
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	25.11	25.25	25.18	25.7	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	25.13	25.16	25.10	25.7	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	25.12	25.21	25.13	25.7	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	QPSK	1	1	25.12	25.23	25.11	25.7	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	25.16	25.22	25.14	25.7	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	25.18	25.25	25.11	25.7	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)
5	QPSK	1	1	25.20	25.19	25.19	25.7	0.0

n12 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				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	π/2 BPSK	1	1	25.10	25.15	25.08		
15	π/2 BPSK	1	40	24.99	25.07	24.99	25.7	0.0
15	π/2 BPSK	1	77	25.04	25.12	25.02		
15	π/2 BPSK	36	0	24.45	24.51	24.46	25.2	0.5
15	π/2 BPSK	36	22	25.06	25.11	25.06	25.7	0.0
15	π/2 BPSK	36	43	24.39	24.45	24.43	25.2	0.5
15	π/2 BPSK	75	0	24.46	24.54	24.53		
15	QPSK	1	1	25.14	25.17	25.16		
15	QPSK	1	40	24.95	25.02	24.92	25.7	0.0
15	QPSK	1	77	25.09	25.15	25.09		
15	QPSK	36	0	23.95	24.01	23.90	24.7	1.0
15	QPSK	36	22	25.01	25.10	25.05	25.7	0.0
15	QPSK	36	43	24.01	24.02	24.00	24.7	1.0
15	QPSK	75	0	23.87	23.95	23.91		
15	16QAM	1	1	23.99	24.07	24.06	24.7	1.0
15	64QAM	1	1	22.42	22.49	22.41	23.2	2.5
15	256QAM	1	1	20.50	20.52	20.49	21.2	4.5
Channel				140800	141500	142200	Tune-up	MPR
Frequency (MHz)				704	707.5	711	limit	(dB)
10	QPSK	1	1	25.12	25.15	25.07	25.7	0.0
Channel				140300	141500	142700	Tune-up	MPR
Frequency (MHz)				701.5	707.5	713.5	limit	(dB)
5	QPSK	1	1	25.06	25.14	25.14	25.7	0.0

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	25.16	25.26	25.19		
20	Pi/2 BPSK	1	53	25.28	25.23	25.23	25.7	0.0
20	Pi/2 BPSK	1	104	25.26	25.42	25.34		
20	Pi/2 BPSK	50	0	24.64	24.74	24.64	25.2	0.5
20	Pi/2 BPSK	50	28	25.25	25.36	25.27	25.7	0.0
20	Pi/2 BPSK	50	56	24.72	24.68	24.64	25.2	0.5
20	Pi/2 BPSK	100	0	24.79	24.86	24.84		
20	QPSK	1	1	25.36	25.44	25.43		
20	QPSK	1	53	25.29	25.39	25.42	25.7	0.0
20	QPSK	1	104	25.38	25.37	25.37		
20	QPSK	50	0	24.30	24.30	24.25	24.7	1.0
20	QPSK	50	28	25.18	25.37	25.32	25.7	0.0
20	QPSK	50	56	24.17	24.28	24.18	24.7	1.0
20	QPSK	100	0	24.35	24.38	24.34		
20	16QAM	1	1	24.14	24.22	24.18	24.7	1.0
20	64QAM	1	1	22.72	22.73	22.66	23.2	2.5
20	256QAM	1	1	20.41	20.42	20.35	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	25.31	25.43	25.37	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.34	25.38	25.33	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	25.30	25.36	25.32	25.7	0.0

n66 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	22.56	22.59	22.56		
40	Pi/2 BPSK	1	108	22.52	22.57	22.47	24.2	0.0
40	Pi/2 BPSK	1	214	22.58	22.61	22.52		
40	Pi/2 BPSK	108	0	21.99	22.01	21.95	23.7	0.5
40	Pi/2 BPSK	108	54	22.53	22.57	22.56	24.2	0.0
40	Pi/2 BPSK	108	108	22.00	22.05	22.01	23.7	0.5
40	Pi/2 BPSK	216	0	22.08	22.11	22.06		
40	QPSK	1	1	22.59	22.67	22.63		
40	QPSK	1	108	22.44	22.53	22.50	24.2	0.0
40	QPSK	1	214	22.41	22.51	22.46		
40	QPSK	108	0	21.43	21.54	21.45	23.2	1.0
40	QPSK	108	54	22.52	22.55	22.48	24.2	0.0
40	QPSK	108	108	21.43	21.52	21.48	23.2	1.0
40	QPSK	216	0	21.60	21.64	21.58		
40	16QAM	1	1	21.54	21.57	21.53	23.2	1.0
40	64QAM	1	1	19.95	20.02	19.99	21.7	2.5
40	256QAM	1	1	17.90	18.01	17.92	19.7	4.5
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.57	22.57	22.59	24.2	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.51	22.58	22.62	24.2	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.51	22.58	22.59	24.2	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.53	22.60	22.53	24.2	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.48	22.61	22.57	24.2	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.52	22.66	22.59	24.2	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.57	22.62	22.53	24.2	0.0

n38 Ant0 Other PA Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	25.31	25.35	25.34	25.7	0.0
40	Pi/2 BPSK	1	53	25.26	25.31	25.23		
40	Pi/2 BPSK	1	104	25.20	25.28	25.25		
40	Pi/2 BPSK	50	0	24.93	24.97	24.94	25.2	0.5
40	Pi/2 BPSK	50	28	25.21	25.31	25.24	25.7	0.0
40	Pi/2 BPSK	50	56	24.69	24.78	24.72	25.2	0.5
40	Pi/2 BPSK	100	0	25.04	25.05	24.99		
40	QPSK	1	1	24.97	25.05	24.97	25.7	0.0
40	QPSK	1	53	24.68	24.74	24.73		
40	QPSK	1	104	25.01	25.11	25.10		
40	QPSK	50	0	24.01	24.11	24.06	24.7	1.0
40	QPSK	50	28	24.73	24.81	24.78	25.7	0.0
40	QPSK	50	56	24.09	24.14	24.04	24.7	1.0
40	QPSK	100	0	24.15	24.25	24.15		
40	16QAM	1	1	24.33	24.38	24.33	24.7	1.0
40	64QAM	1	1	23.05	23.07	22.97	23.2	2.5
40	256QAM	1	1	20.94	21.03	21.00	21.2	4.5
Channel				517002	519000	520998	Tune-up	MPR
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)
30	Pi/2 BPSK	1	1	25.20	25.33	25.23	25.7	0.0
Channel				516504	519000	521496	Tune-up	MPR
Frequency (MHz)				2582.52	2595	2607.48	limit	(dB)
25	Pi/2 BPSK	1	1	25.24	25.26	25.24	25.7	0.0
Channel				516002	519000	522000	Tune-up	MPR
Frequency (MHz)				2580	2595	2610	limit	(dB)
20	Pi/2 BPSK	1	1	25.25	25.28	25.33	25.7	0.0
Channel				515502	519000	522498	Tune-up	MPR
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)
15	Pi/2 BPSK	1	1	25.28	25.33	25.30	25.7	0.0
Channel				515004	519000	522996	Tune-up	MPR
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)
10	Pi/2 BPSK	1	1	25.29	25.26	25.26	25.7	0.0

n41 Ant0 Other PA Default

BW [MHz]	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	25.27	25.31	25.25	25.7	0.0
100	Pi/2 BPSK	1	137	25.06	25.08	24.97		
100	Pi/2 BPSK	1	271	25.10	25.15	25.05		
100	Pi/2 BPSK	135	0	24.87	24.98	24.95	25.2	0.5
100	Pi/2 BPSK	135	69	25.05	25.07	25.06	25.7	0.0
100	Pi/2 BPSK	135	138	24.92	24.94	24.87	25.2	0.5
100	Pi/2 BPSK	270	0	24.87	24.95	24.86		
100	QPSK	1	1	25.00	25.07	25.00	25.4	0.0
100	QPSK	1	137	24.96	25.01	24.91		
100	QPSK	1	271	25.01	25.05	24.97		
100	QPSK	135	0	24.45	24.51	24.46	24.7	1.0
100	QPSK	135	69	24.95	25.04	24.93	25.7	0.0
100	QPSK	135	138	24.52	24.59	24.51	24.7	1.0
100	QPSK	270	0	24.39	24.48	24.38		
100	16QAM	1	1	24.50	24.58	24.49	24.7	1.0
100	64QAM	1	1	22.99	23.01	22.99	23.2	2.5
100	256QAM	1	1	20.92	21.00	20.98	21.2	4.5
Channel				508200	518598	528996	Tune-up	MPR
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)
90	Pi/2 BPSK	1	1	25.19	25.28	25.17	25.7	0.0
Channel				507204	518598	529998	Tune-up	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	limit	(dB)
80	Pi/2 BPSK	1	1	25.25	25.26	25.20	25.7	0.0
Channel				506202	518598	531000	Tune-up	MPR
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)
70	Pi/2 BPSK	1	1	25.21	25.29	25.18	25.7	0.0
Channel				505200	518598	531996	Tune-up	MPR
Frequency (MHz)				2526	45.67	2659.98	limit	(dB)
60	Pi/2 BPSK	1	1	25.24	25.22	25.22	25.7	0.0
Channel				504204	518598	532998	Tune-up	MPR
Frequency (MHz)				2521.02	2592.99	2664.93	limit	(dB)
50	Pi/2 BPSK	1	1	25.20	25.23	25.16	25.7	0.0
Channel				503202	518598	534000	Tune-up	MPR
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)
40	Pi/2 BPSK	1	1	25.18	25.23	25.19	25.7	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
30	Pi/2 BPSK	1	1	25.24	25.24	25.20	25.7	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
25	Pi/2 BPSK	1	1	25.19	25.26	25.19	25.7	0.0
Channel				501204	518598	535998	Tune-up	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	limit	(dB)
20	Pi/2 BPSK	1	1	25.22	25.21	25.20	25.7	0.0
Channel				500700	518598	536496	Tune-up	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)
15	Pi/2 BPSK	1	1	25.18	25.23	25.19	25.7	0.0
Channel				500202	518598	537000	Tune-up	MPR
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)
10	Pi/2 BPSK	1	1	25.18	25.25	25.23	25.7	0.0

n5 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	π/2 BPSK	1	1	25.12	25.17	25.08		
20	π/2 BPSK	1	53	25.04	25.11	25.05	25.7	0.0
20	π/2 BPSK	1	104	25.03	25.07	25.01		
20	π/2 BPSK	50	0	24.57	24.61	24.59	25.2	0.5
20	π/2 BPSK	50	28	25.05	25.15	25.14	25.7	0.0
20	π/2 BPSK	50	56	24.55	24.59	24.55	25.2	0.5
20	π/2 BPSK	100	0	24.58	24.67	24.57		
20	QPSK	1	1	25.16	25.21	25.11		
20	QPSK	1	53	25.04	25.11	25.03	25.7	0.0
20	QPSK	1	104	25.11	25.17	25.13		
20	QPSK	50	0	24.05	24.11	24.03	24.7	1.0
20	QPSK	50	28	25.08	25.11	25.02	25.7	0.0
20	QPSK	50	56	23.95	24.02	23.97	24.7	1.0
20	QPSK	100	0	24.01	24.12	24.01		
20	16QAM	1	1	24.11	24.14	24.04	24.7	1.0
20	64QAM	1	1	22.57	22.61	22.57	23.2	2.5
20	256QAM	1	1	20.34	20.43	20.41	21.2	4.5
Channel				166300	167300	168300	Tune-up	MPR
Frequency (MHz)				831.5	836.5	841.5	limit	(dB)
15	QPSK	1	1	25.09	25.10	25.08	25.7	0.0
Channel				165800	167300	168800	Tune-up	MPR
Frequency (MHz)				829	836.5	844	limit	(dB)
10	QPSK	1	1	25.09	25.18	25.05	25.7	0.0
Channel				165300	167300	169300	Tune-up	MPR
Frequency (MHz)				826.5	836.5	846.5	limit	(dB)
5	QPSK	1	1	25.08	25.18	25.04	25.7	0.0

n7 Ant1 Other PA Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	π/2 BPSK	1	1	25.14	25.18	25.17		
40	π/2 BPSK	1	108	25.08	25.12	25.05	25.7	0.0
40	π/2 BPSK	1	214	25.04	25.15	25.12		
40	π/2 BPSK	108	0	24.63	24.70	24.62	25.2	0.5
40	π/2 BPSK	108	54	25.13	25.21	25.15	25.7	0.0
40	π/2 BPSK	108	108	24.58	24.62	24.57	25.2	0.5
40	π/2 BPSK	216	0	24.71	24.81	24.78		
40	QPSK	1	1	25.22	25.25	25.19		
40	QPSK	1	108	24.91	25.00	24.98	25.7	0.0
40	QPSK	1	214	24.96	25.05	24.95		
40	QPSK	108	0	24.10	24.12	24.08	24.7	1.0
40	QPSK	108	54	24.95	25.02	24.95	25.7	0.0
40	QPSK	108	108	23.95	24.04	24.01	24.7	1.0
40	QPSK	216	0	24.08	24.12	24.05		
40	16QAM	1	1	24.18	24.21	24.17	24.7	1.0
40	64QAM	1	1	22.68	22.77	22.70	23.2	2.5
40	256QAM	1	1	20.68	20.76	20.67	21.2	4.5
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	25.13	25.23	25.13	25.7	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	25.15	25.22	25.16	25.7	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	25.13	25.23	25.09	25.7	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	QPSK	1	1	25.12	25.18	25.09	25.7	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	25.11	25.16	25.08	25.7	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	25.17	25.20	25.11	25.7	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)
5	QPSK	1	1	25.14	25.15	25.11	25.7	0.0

n12 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				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	π/2 BPSK	1	1	24.92	24.98	24.95		
15	π/2 BPSK	1	40	24.85	24.91	24.81	25.7	0.0
15	π/2 BPSK	1	77	24.85	24.90	24.83		
15	π/2 BPSK	36	0	24.27	24.37	24.35	25.2	0.5
15	π/2 BPSK	36	22	24.81	24.87	24.76	25.7	0.0
15	π/2 BPSK	36	43	24.27	24.30	24.28	25.2	0.5
15	π/2 BPSK	75	0	24.31	24.37	24.29		
15	QPSK	1	1	24.91	25.01	25.00		
15	QPSK	1	40	24.92	24.95	24.92	25.7	0.0
15	QPSK	1	77	24.93	24.95	24.85		
15	QPSK	36	0	23.91	23.94	23.84	24.7	1.0
15	QPSK	36	22	24.88	24.92	24.84	25.7	0.0
15	QPSK	36	43	23.72	23.80	23.70	24.7	1.0
15	QPSK	75	0	23.84	23.91	23.81		
15	16QAM	1	1	23.89	23.95	23.86	24.7	1.0
15	64QAM	1	1	22.25	22.32	22.29	23.2	2.5
15	256QAM	1	1	20.36	20.37	20.35	21.2	4.5
Channel				140800	141500	142200	Tune-up	MPR
Frequency (MHz)				704	707.5	711	limit	(dB)
10	QPSK	1	1	24.84	24.92	24.89	25.7	0.0
Channel				140300	141500	142700	Tune-up	MPR
Frequency (MHz)				701.5	707.5	713.5	limit	(dB)
5	QPSK	1	1	24.82	24.95	24.97	25.7	0.0

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	π/2 BPSK	1	1	25.23	25.22	25.12	25.7	0.0
20	π/2 BPSK	1	53	25.14	25.21	25.08		
20	π/2 BPSK	1	104	25.06	25.13	25.04		
20	π/2 BPSK	50	0	24.66	24.64	24.70	25.2	0.5
20	π/2 BPSK	50	28	25.10	25.18	25.18	25.7	0.0
20	π/2 BPSK	50	56	24.62	24.63	24.64	25.2	0.5
20	π/2 BPSK	100	0	24.62	24.76	24.60		
20	QPSK	1	1	25.22	25.31	25.17	25.7	0.0
20	QPSK	1	53	25.12	25.21	25.09		
20	QPSK	1	104	25.14	25.27	25.16		
20	QPSK	50	0	24.12	24.18	24.06	24.7	1.0
20	QPSK	50	28	25.12	25.13	25.04	25.7	0.0
20	QPSK	50	56	24.04	24.08	24.05	24.7	1.0
20	QPSK	100	0	24.10	24.17	24.06		
20	16QAM	1	1	24.16	24.20	24.11	24.7	1.0
20	64QAM	1	1	22.60	22.69	22.66	23.2	2.5
20	256QAM	1	1	20.38	20.54	20.44	21.2	4.5
Channel				164300	166300	168300	Tune-up	MPR
Frequency (MHz)				821.5	831.5	841.5	limit	(dB)
15	QPSK	1	1	25.11	25.28	25.12	25.7	0.0
Channel				163800	166300	168800	Tune-up	MPR
Frequency (MHz)				819	831.5	844	limit	(dB)
10	QPSK	1	1	25.15	25.27	25.09	25.7	0.0
Channel				163300	166300	169300	Tune-up	MPR
Frequency (MHz)				816.5	831.5	846.5	limit	(dB)
5	QPSK	1	1	25.14	25.30	25.06	25.7	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	π/2 BPSK	1	1	22.06	22.11	22.02	23.5	0.0
40	π/2 BPSK	1	108	22.02	22.12	22.08		
40	π/2 BPSK	1	214	22.04	22.15	22.08		
40	π/2 BPSK	108	0	21.42	21.47	21.40	23.0	0.5
40	π/2 BPSK	108	54	22.02	22.04	21.93	23.5	0.0
40	π/2 BPSK	108	108	21.35	21.41	21.30	23.0	0.5
40	π/2 BPSK	216	0	21.48	21.52	21.46		
40	QPSK	1	1	22.14	22.17	22.07	23.5	0.0
40	QPSK	1	108	21.95	21.97	21.93		
40	QPSK	1	214	22.01	22.06	22.03		
40	QPSK	108	0	20.93	20.99	20.95	22.5	1.0
40	QPSK	108	54	21.97	22.01	21.94	23.5	0.0
40	QPSK	108	108	20.83	20.94	20.85	22.5	1.0
40	QPSK	216	0	20.98	21.08	21.02		
40	16QAM	1	1	21.00	21.05	20.97	22.5	1.0
40	64QAM	1	1	19.42	19.43	19.40	21.0	2.5
40	256QAM	1	1	17.36	17.42	17.35	19.0	4.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	22.09	22.11	21.99	23.5	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	22.06	22.15	22.03	23.5	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	22.09	22.13	21.98	23.5	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	22.11	22.13	22.00	23.5	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	22.07	22.06	22.04	23.5	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	22.04	22.09	21.97	23.5	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	22.04	22.07	22.05	23.5	0.0

n38 Ant1 Other PA Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	25.35	25.38	25.34	25.7	0.0
40	π/2 BPSK	1	53	25.10	25.18	25.17		
40	π/2 BPSK	1	104	25.06	25.15	25.09		
40	π/2 BPSK	50	0	24.75	24.81	24.72	25.2	0.5
40	π/2 BPSK	50	28	25.13	25.21	25.13	25.7	0.0
40	π/2 BPSK	50	56	24.55	24.57	24.56	25.2	0.5
40	π/2 BPSK	100	0	24.68	24.74	24.70		
40	QPSK	1	1	24.74	24.79	24.69		
40	QPSK	1	53	23.96	24.00	23.98	25.7	0.0
40	QPSK	1	104	24.19	24.23	24.19		
40	QPSK	50	0	23.32	23.42	23.38	24.7	1.0
40	QPSK	50	28	24.49	24.57	24.47	25.7	0.0
40	QPSK	50	56	23.63	23.67	23.58	24.7	1.0
40	QPSK	100	0	23.61	23.71	23.62		
40	16QAM	1	1	23.97	24.01	23.97	24.7	1.0
40	64QAM	1	1	22.61	22.66	22.63	23.2	2.5
40	256QAM	1	1	20.79	20.81	20.74	21.2	4.5
Channel				517002	519000	520998	Tune-up	MPR
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)
30	π/2 BPSK	1	1	25.28	25.30	25.32	25.7	0.0
Channel				516504	519000	521496	Tune-up	MPR
Frequency (MHz)				2582.52	2595	2607.48	limit	(dB)
25	π/2 BPSK	1	1	25.24	25.29	25.26	25.7	0.0
Channel				516000	519000	522000	Tune-up	MPR
Frequency (MHz)				2580	2595	2610	limit	(dB)
20	π/2 BPSK	1	1	25.32	25.32	25.27	25.7	0.0
Channel				515502	519000	522498	Tune-up	MPR
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)
15	π/2 BPSK	1	1	25.31	25.35	25.25	25.7	0.0
Channel				515004	519000	522996	Tune-up	MPR
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)
10	π/2 BPSK	1	1	25.28	25.34	25.25	25.7	0.0

n41 Ant1 Other PA Default

BW [MHz]	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	π/2 BPSK	1	1	24.98	24.99	24.95	25.7	0.0
100	π/2 BPSK	1	137	24.65	24.69	24.63		
100	π/2 BPSK	1	271	24.55	24.62	24.54		
100	π/2 BPSK	135	0	24.75	24.81	24.73	25.7	0.0
100	π/2 BPSK	135	69	24.63	24.73	24.71	25.7	0.0
100	π/2 BPSK	135	138	24.54	24.62	24.51	25.7	0.0
100	π/2 BPSK	270	0	24.72	24.82	24.76		
100	QPSK	1	1	24.92	25.02	24.99		
100	QPSK	1	137	24.79	24.82	24.75	25.7	0.0
100	QPSK	1	271	24.66	24.69	24.68		
100	QPSK	135	0	24.79	24.81	24.71	25.7	0.0
100	QPSK	135	69	24.78	24.85	24.81	25.7	0.0
100	QPSK	135	138	24.55	24.58	24.57	25.7	0.0
100	QPSK	270	0	24.64	24.72	24.61		
100	16QAM	1	1	24.94	24.97	24.94	25.7	0.0
100	64QAM	1	1	24.54	24.58	24.48	25.2	0.5
100	256QAM	1	1	22.99	23.01	22.93	23.7	2.0
Channel				508200	518598	528996	Tune-up	MPR
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)
90	QPSK	1	1	24.81	25.00	24.91	25.7	0.0
Channel				507204	518598	529998	Tune-up	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	limit	(dB)
80	QPSK	1	1	24.83	24.99	24.93	25.7	0.0
Channel				506202	518598	531000	Tune-up	MPR
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)
70	QPSK	1	1	24.84	24.96	24.91	25.7	0.0
Channel				505200	518598	531996	Tune-up	MPR
Frequency (MHz)				2526	2592.99	2659.98	limit	(dB)
60	QPSK	1	1	24.88	24.92	24.90	25.7	0.0
Channel				504204	518598	532998	Tune-up	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)
50	QPSK	1	1	24.83	24.98	24.93	25.7	0.0
Channel				503202	518598	534000	Tune-up	MPR
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)
40	QPSK	1	1	24.83	24.98	24.90	25.7	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
30	QPSK	1	1	24.89	24.98	24.90	25.7	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
25	QPSK	1	1	24.91	24.95	24.96	25.7	0.0
Channel				501204	518598	535998	Tune-up	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	limit	(dB)
20	QPSK	1	1	24.88	24.97	24.90	25.7	0.0
Channel				500700	518598	536496	Tune-up	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)
15	QPSK	1	1	24.89	24.98	24.93	25.7	0.0
Channel				500202	518598	537000	Tune-up	MPR
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)
10	QPSK	1	1	24.84	24.99	24.90	25.7	0.0

Part96 n48 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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	22.00	22.11	22.00	23.8	0.0
40	π/2 BPSK	1	53	22.12	22.15	22.05		
40	π/2 BPSK	1	104	22.01	22.06	22.00		
40	π/2 BPSK	50	0	21.73	21.77	21.69	23.3	0.5
40	π/2 BPSK	50	28	21.92	21.98	21.91	23.8	0.0
40	π/2 BPSK	50	56	21.69	21.77	21.69	23.3	0.5
40	π/2 BPSK	100	0	21.67	21.74	21.70		
40	QPSK	1	1	22.23	22.27	22.25		
40	QPSK	1	53	21.97	22.07	21.96	23.8	0.0
40	QPSK	1	104	21.95	22.04	21.98		
40	QPSK	50	0	21.15	21.25	21.23	22.8	1.0
40	QPSK	50	28	22.18	22.22	22.15	23.8	0.0
40	QPSK	50	56	21.22	21.24	21.18	22.8	1.0
40	QPSK	100	0	21.19	21.25	21.16		
40	16QAM	1	1	21.08	21.12	21.01	22.8	1.0
40	64QAM	1	1	19.59	19.63	19.58	21.3	2.5
40	256QAM	1	1	17.56	17.62	17.59	19.3	4.5
Channel				637668	641666	645666	Tune-up	MPR
Frequency (MHz)				3565.02	3624.59	3684.99	limit	(dB)
30	QPSK	1	1	22.13	22.23	22.15	23.8	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	22.22	22.23	22.16	23.8	0.0
Channel				637168	641666	646168	Tune-up	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	22.13	22.21	22.21	23.8	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	22.16	22.17	22.23	23.8	0.0

Part27O n77 Ant1 Other PA Default

BW [MHz]	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	π/2 BPSK	1	1	25.06	25.08	25.03	26.5	0.0
100	π/2 BPSK	1	137	25.14	25.17	25.14		
100	π/2 BPSK	1	271	25.08	25.19	25.10		
100	π/2 BPSK	135	0	25.06	25.09	24.98	26.5	0.0
100	π/2 BPSK	135	69	25.07	25.18	25.12	26.5	0.0
100	π/2 BPSK	135	138	25.10	25.15	25.07	26.5	0.0
100	π/2 BPSK	270	0	25.11	25.18	25.10		
100	QPSK	1	1	25.29	25.39	25.34	26.5	0.0
100	QPSK	1	137	25.14	25.16	25.14		
100	QPSK	1	271	25.20	25.25	25.16		
100	QPSK	135	0	25.02	25.05	25.04	26.5	0.0
100	QPSK	135	69	25.06	25.12	25.02	26.5	0.0
100	QPSK	135	138	24.95	25.06	25.02	26.5	0.0
100	QPSK	270	0	25.12	25.22	25.20		
100	16QAM	1	1	24.97	25.01	24.96	26.5	0.0
100	64QAM	1	1	24.44	24.52	24.42	26.0	0.5
100	256QAM	1	1	22.07	22.11	22.03	24.0	2.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	25.23	25.37	25.27	26.5	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	25.20	25.38	25.31	26.5	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	25.24	25.38	25.33	26.5	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	25.18	25.33	25.32	26.5	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	25.27	25.34	25.30	26.5	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	25.23	25.38	25.30	26.5	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	25.24	25.36	25.24	26.5	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	25.25	25.33	25.23	26.5	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	25.19	25.31	25.28	26.5	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	25.28	25.32	25.28	26.5	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	25.22	25.33	25.33	26.5	0.0

Part27O n77 Ant1 Other PA Default PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	26.64	26.67	26.66		
100	Pi/2 BPSK	1	137	26.70	26.78	26.74	27.7	0.0
100	Pi/2 BPSK	1	271	26.83	26.93	26.89		
100	Pi/2 BPSK	135	0	26.05	26.14	26.10	27.2	0.5
100	Pi/2 BPSK	135	69	26.60	26.69	26.66	27.7	0.0
100	Pi/2 BPSK	135	138	26.22	26.27	26.26	27.2	0.5
100	Pi/2 BPSK	270	0	26.17	26.20	26.10		
100	QPSK	1	1	26.89	26.94	26.92		
100	QPSK	1	137	26.62	26.66	26.59	27.7	0.0
100	QPSK	1	271	26.81	26.87	26.82		
100	QPSK	135	0	25.59	25.61	25.51	26.7	1.0
100	QPSK	135	69	26.59	26.68	26.65	27.7	0.0
100	QPSK	135	138	25.65	25.74	25.71	26.7	1.0
100	QPSK	270	0	25.70	25.73	25.71		
100	16QAM	1	1	25.55	25.61	25.57	26.7	1.0
100	64QAM	1	1	23.66	23.67	23.59	25.2	2.5
100	256QAM	1	1	21.47	21.50	21.45	23.2	4.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	26.78	26.92	26.88	27.7	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	26.80	26.89	26.82	27.7	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	26.87	26.90	26.91	27.7	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	26.78	26.88	26.87	27.7	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	26.84	26.92	26.91	27.7	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	26.87	26.85	26.90	27.7	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	26.80	26.86	26.82	27.7	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	26.82	26.87	26.85	27.7	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	26.85	26.89	26.91	27.7	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	26.79	26.91	26.87	27.7	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	26.87	26.91	26.83	27.7	0.0

Part27Q n77 Ant1 Other PA Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	Pi/2 BPSK	1	1		24.83			
100	Pi/2 BPSK	1	137		24.79		26.5	0.0
100	Pi/2 BPSK	1	271		24.90			
100	Pi/2 BPSK	135	0		24.88		26.5	0.0
100	Pi/2 BPSK	135	69		24.70		26.5	0.0
100	Pi/2 BPSK	135	138		24.87		26.5	0.0
100	Pi/2 BPSK	270	0		24.81			
100	QPSK	1	1		24.98			
100	QPSK	1	137		24.65		26.5	0.0
100	QPSK	1	271		24.82			
100	QPSK	135	0		24.92		26.5	0.0
100	QPSK	135	69		24.77		26.5	0.0
100	QPSK	135	138		24.80		26.5	0.0
100	QPSK	270	0		24.83			
100	16QAM	1	1		24.90		26.5	0.0
100	64QAM	1	1		24.36		26.0	0.5
100	256QAM	1	1		22.07		24.0	2.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	24.88	24.93	24.88	26.5	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	24.94	24.87	24.88	26.5	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	24.94	24.95	24.89	26.5	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	24.90	24.94	24.91	26.5	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	24.91	24.88	24.92	26.5	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	24.92	24.91	24.93	26.5	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	24.91	24.93	24.91	26.5	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	24.90	24.96	24.92	26.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	24.88	24.87	24.91	26.5	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	24.95	24.91	24.94	26.5	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	24.92	24.91	24.90	26.5	0.0

Part27Q n77 Ant1 Other PA Default PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	Pi/2 BPSK	1	1		26.34			
100	Pi/2 BPSK	1	137		25.95		27.7	0.0
100	Pi/2 BPSK	1	271		26.24			
100	Pi/2 BPSK	135	0		25.70		27.2	0.5
100	Pi/2 BPSK	135	69		26.03		27.7	0.0
100	Pi/2 BPSK	135	138		25.61		27.2	0.5
100	Pi/2 BPSK	270	0		25.64			
100	QPSK	1	1		26.39			
100	QPSK	1	137		26.10		27.7	0.0
100	QPSK	1	271		26.14			
100	QPSK	135	0		25.24		26.7	1.0
100	QPSK	135	69		26.08		27.7	0.0
100	QPSK	135	138		25.04		26.7	1.0
100	QPSK	270	0		25.14			
100	16QAM	1	1		25.27		26.7	1.0
100	64QAM	1	1		23.50		25.2	2.5
100	256QAM	1	1		21.41		23.2	4.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	26.29	26.30	26.29	27.7	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	26.36	26.38	26.28	27.7	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	26.36	26.34	26.35	27.7	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	26.35	26.30	26.33	27.7	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	26.33	26.37	26.36	27.7	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	26.36	26.29	26.35	27.7	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	26.29	26.32	26.35	27.7	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	26.32	26.33	26.38	27.7	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	26.33	26.32	26.37	27.7	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	26.30	26.35	26.29	27.7	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	26.29	26.36	26.32	27.7	0.0

Part27O n78 Ant1 Other PA Default

BW [MHz]	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		25.46			
100	Pi/2 BPSK	1	137		25.37		26.5	0.0
100	Pi/2 BPSK	1	271		25.42			
100	Pi/2 BPSK	135	0		25.44		26.5	0.0
100	Pi/2 BPSK	135	69		25.31		26.5	0.0
100	Pi/2 BPSK	135	138		25.34		26.5	0.0
100	Pi/2 BPSK	270	0		25.42			
100	QPSK	1	1		25.57			
100	QPSK	1	137		25.30		26.5	0.0
100	QPSK	1	271		25.46			
100	QPSK	135	0		25.40		26.5	0.0
100	QPSK	135	69		25.44		26.5	0.0
100	QPSK	135	138		25.33		26.5	0.0
100	QPSK	270	0		25.37			
100	16QAM	1	1		25.47		26.5	0.0
100	64QAM	1	1		24.47		26.0	0.5
100	256QAM	1	1		22.44		24.0	2.5
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	25.51	25.52	25.47	26.5	0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	25.55	25.48	25.50	26.5	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	25.53	25.49	25.51	26.5	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	25.52	25.51	25.49	26.5	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	25.51	25.51	25.49	26.5	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	25.51	25.51	25.52	26.5	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	25.48	25.48	25.49	26.5	0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	25.54	25.54	25.56	26.5	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	25.48	25.52	25.55	26.5	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	25.56	25.46	25.48	26.5	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	25.51	25.46	25.48	26.5	0.0

Part27O n78 Ant1 Other PA Default PC2

BW [MHz]	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	π/2 BPSK	1	1		26.79			
100	π/2 BPSK	1	137		26.56		27.7	0.0
100	π/2 BPSK	1	271		26.64			
100	π/2 BPSK	135	0		26.23		27.2	0.5
100	π/2 BPSK	135	69		26.65		27.7	0.0
100	π/2 BPSK	135	138		26.18		27.2	0.5
100	π/2 BPSK	270	0		26.15			
100	QPSK	1	1		26.81			
100	QPSK	1	137		26.59		27.7	0.0
100	QPSK	1	271		26.70			
100	QPSK	135	0		25.59		26.7	1.0
100	QPSK	135	69		26.49		27.7	0.0
100	QPSK	135	138		25.52		26.7	1.0
100	QPSK	270	0		25.56			
100	16QAM	1	1		25.67		26.7	1.0
100	64QAM	1	1		24.20		25.2	2.5
100	256QAM	1	1		22.16		23.2	4.5
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3753.01	limit	(dB)
90	QPSK	1	1	26.73	26.79	26.80	27.7	0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	26.74	26.78	26.70	27.7	0.0
Channel				649000	650000	651002	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	26.75	26.73	26.75	27.7	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	26.72	26.75	26.77	27.7	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	26.78	26.77	26.71	27.7	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	26.74	26.74	26.72	27.7	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	26.75	26.74	26.72	27.7	0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	26.74	26.71	26.75	27.7	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	26.76	26.78	26.74	27.7	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	26.78	26.73	26.74	27.7	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	26.71	26.76	26.78	27.7	0.0

Part27Q n78 Ant1 Other PA Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.95			
100	π/2 BPSK	1	137		25.65		26.5	0.0
100	π/2 BPSK	1	271		25.75			
100	π/2 BPSK	135	0		25.76		26.5	0.0
100	π/2 BPSK	135	69		25.71		26.5	0.0
100	π/2 BPSK	135	138		25.71		26.5	0.0
100	π/2 BPSK	270	0		25.71			
100	QPSK	1	1		25.98			
100	QPSK	1	137		25.58		26.5	0.0
100	QPSK	1	271		25.77			
100	QPSK	135	0		25.73		26.5	0.0
100	QPSK	135	69		25.81		26.5	0.0
100	QPSK	135	138		25.61		26.5	0.0
100	QPSK	270	0		25.72			
100	16QAM	1	1		25.95		26.5	0.0
100	64QAM	1	1		24.87		26.0	0.5
100	256QAM	1	1		22.98		24.0	2.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	25.94	25.68	25.91	26.5	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	25.90	25.95	25.88	26.5	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	25.89	25.90	25.96	26.5	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	25.92	25.91	25.90	26.5	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	25.87	25.89	25.94	26.5	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	25.93	25.89	25.96	26.5	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	25.94	25.90	25.90	26.5	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	25.92	25.89	25.97	26.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	25.91	25.90	25.95	26.5	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	25.92	25.88	25.94	26.5	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	25.89	25.91	25.94	26.5	0.0

Part27Q n78 Ant1 Other PA Default PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		26.65			
100	π/2 BPSK	1	137		26.64		27.7	0.0
100	π/2 BPSK	1	271		26.45			
100	π/2 BPSK	135	0		26.35		27.2	0.5
100	π/2 BPSK	135	69		26.86		27.7	0.0
100	π/2 BPSK	135	138		26.47		27.2	0.5
100	π/2 BPSK	270	0		26.77			
100	QPSK	1	1		27.15			
100	QPSK	1	137		27.00		27.7	0.0
100	QPSK	1	271		27.06			
100	QPSK	135	0		26.21		26.7	1.0
100	QPSK	135	69		26.91		27.7	0.0
100	QPSK	135	138		25.97		26.7	1.0
100	QPSK	270	0		26.04			
100	16QAM	1	1		25.85		26.7	1.0
100	64QAM	1	1		24.51		25.2	2.5
100	256QAM	1	1		22.66		23.2	4.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	27.13	27.06	27.13	27.7	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	27.09	27.08	27.04	27.7	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	27.08	27.06	27.07	27.7	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	27.07	27.05	27.12	27.7	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	27.10	27.04	27.06	27.7	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	27.12	27.05	27.13	27.7	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	27.07	27.07	27.11	27.7	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	27.06	27.06	27.12	27.7	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	27.14	27.07	27.10	27.7	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	27.05	27.07	27.07	27.7	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	27.07	27.13	27.06	27.7	0.0

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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	24.30	24.38	24.31	25.3	0.0
40	π/2 BPSK	1	108	24.37	24.41	24.33		
40	π/2 BPSK	1	214	24.40	24.42	24.31		
40	π/2 BPSK	108	0	23.66	23.75	23.72	24.8	0.5
40	π/2 BPSK	108	54	24.28	24.31	24.25	25.3	0.0
40	π/2 BPSK	108	108	23.74	23.82	23.81	24.8	0.5
40	π/2 BPSK	216	0	23.92	23.95	23.86		
40	QPSK	1	1	24.45	24.46	24.44	25.3	0.0
40	QPSK	1	108	24.29	24.34	24.29		
40	QPSK	1	214	24.26	24.36	24.25		
40	QPSK	108	0	23.19	23.26	23.16	24.3	1.0
40	QPSK	108	54	24.28	24.34	24.25	25.3	0.0
40	QPSK	108	108	23.12	23.20	23.11	24.3	1.0
40	QPSK	216	0	23.33	23.36	23.25		
40	16QAM	1	1	23.14	23.19	23.13	24.3	1.0
40	64QAM	1	1	21.56	21.65	21.59	22.8	2.5
40	256QAM	1	1	19.52	19.61	19.51	20.8	4.5
Channel				373500	376000	378500	Tune-up	MPR
Frequency (MHz)				1867.5	1880	1892.5	limit	(dB)
35	QPSK	1	1	24.37	24.43	24.42	25.3	0.0
Channel				373000	376000	379000	Tune-up	MPR
Frequency (MHz)				1865	1880	1895	limit	(dB)
30	QPSK	1	1	24.30	24.44	24.28	25.3	0.0
Channel				372500	376000	379500	Tune-up	MPR
Frequency (MHz)				1862.5	1880	1897.5	limit	(dB)
25	QPSK	1	1	24.38	24.32	24.40	25.3	0.0
Channel				372000	376000	380000	Tune-up	MPR
Frequency (MHz)				1860	1880	1900	limit	(dB)
20	QPSK	1	1	24.33	24.32	24.36	25.3	0.0
Channel				371500	376000	380500	Tune-up	MPR
Frequency (MHz)				1857.5	1880	1902.5	limit	(dB)
15	QPSK	1	1	24.28	24.39	24.33	25.3	0.0
Channel				371000	376000	381000	Tune-up	MPR
Frequency (MHz)				1855	1880	1905	limit	(dB)
10	QPSK	1	1	24.32	24.29	24.36	25.3	0.0
Channel				370500	376000	381500	Tune-up	MPR
Frequency (MHz)				1852.5	1880	1907.5	limit	(dB)
5	QPSK	1	1	24.43	24.44	24.38	25.3	0.0

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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	π/2 BPSK	1	1	25.25	25.34	25.30	25.7	0.0
40	π/2 BPSK	1	108	25.16	25.22	25.12		
40	π/2 BPSK	1	214	25.19	25.24	25.20		
40	π/2 BPSK	108	0	24.68	24.75	24.64	25.2	0.5
40	π/2 BPSK	108	54	25.27	25.32	25.22	25.7	0.0
40	π/2 BPSK	108	108	24.83	24.89	24.78	25.2	0.5
40	π/2 BPSK	216	0	24.71	24.78	24.68		
40	QPSK	1	1	25.31	25.37	25.35	25.7	0.0
40	QPSK	1	108	25.14	25.24	25.16		
40	QPSK	1	214	25.13	25.19	25.13		
40	QPSK	108	0	24.17	24.25	24.21	24.7	1.0
40	QPSK	108	54	25.17	25.27	25.24	25.7	0.0
40	QPSK	108	108	24.07	24.10	24.09	24.7	1.0
40	QPSK	216	0	24.31	24.35	24.27		
40	16QAM	1	1	24.29	24.31	24.28	24.7	1.0
40	64QAM	1	1	22.70	22.80	22.77	23.2	2.5
40	256QAM	1	1	20.58	20.66	20.58	21.2	4.5
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	25.23	25.31	25.24	25.7	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	25.24	25.33	25.32	25.7	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	25.28	25.33	25.26	25.7	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	π/2 BPSK	1	1	25.28	25.30	25.26	25.7	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	25.24	25.32	25.30	25.7	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	25.24	25.28	25.29	25.7	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)
5	QPSK	1	1	25.22	25.34	25.33	25.7	0.0

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	π/2 BPSK	1	1	24.98	25.03	24.93	25.7	0.0
40	π/2 BPSK	1	108	24.74	24.82	24.76		
40	π/2 BPSK	1	214	24.72	24.77	24.68		
40	π/2 BPSK	108	0	24.62	24.68	24.59	25.2	0.5
40	π/2 BPSK	108	54	24.75	24.83	24.81	25.7	0.0
40	π/2 BPSK	108	108	24.57	24.63	24.58	25.2	0.5
40	π/2 BPSK	216	0	24.70	24.78	24.71		
40	QPSK	1	1	25.14	25.25	25.14	25.7	0.0
40	QPSK	1	108	24.64	24.71	24.68		
40	QPSK	1	214	24.78	24.85	24.84		
40	QPSK	108	0	24.09	24.15	24.11	24.7	1.0
40	QPSK	108	54	24.89	24.95	24.91	25.7	0.0
40	QPSK	108	108	24.12	24.16	24.08	24.7	1.0
40	QPSK	216	0	24.15	24.21	24.12		
40	16QAM	1	1	24.01	24.02	23.94	24.7	1.0
40	64QAM	1	1	22.49	22.59	22.56	23.2	2.5
40	256QAM	1	1	20.46	20.55	20.50	21.2	4.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	25.12	25.15	25.05	25.7	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	25.08	25.20	25.09	25.7	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	25.03	25.24	25.09	25.7	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	25.09	25.17	25.12	25.7	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	25.11	25.20	25.11	25.7	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	25.05	25.18	25.05	25.7	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	25.08	25.15	25.12	25.7	0.0

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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	25.05	25.15	25.01	25.7	0.0
40	π/2 BPSK	1	53	24.94	25.03	24.98		
40	π/2 BPSK	1	104	24.89	24.98	24.96		
40	π/2 BPSK	50	0	24.55	24.64	24.57	25.2	0.5
40	π/2 BPSK	50	28	25.05	25.09	25.05	25.7	0.0
40	π/2 BPSK	50	56	24.37	24.41	24.36	25.2	0.5
40	π/2 BPSK	100	0	24.52	24.58	24.53		
40	QPSK	1	1	25.07	25.17	25.07	25.7	0.0
40	QPSK	1	53	24.89	24.93	24.88		
40	QPSK	1	104	24.86	24.90	24.86		
40	QPSK	50	0	23.97	24.03	23.99	24.7	1.0
40	QPSK	50	28	24.85	24.91	24.85	25.7	0.0
40	QPSK	50	56	23.89	23.91	23.85	24.7	1.0
40	QPSK	100	0	24.07	24.12	24.06		
40	16QAM	1	1	23.93	23.99	23.95	24.7	1.0
40	64QAM	1	1	22.59	22.61	22.52	23.2	2.5
40	256QAM	1	1	20.54	20.56	20.53	21.2	4.5
Channel				517002	519000	520998	Tune-up	MPR
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)
30	QPSK	1	1	24.96	25.16	25.05	25.7	0.0
Channel				516504	519000	521496	Tune-up	MPR
Frequency (MHz)				2582.52	2595	2607.48	limit	(dB)
25	QPSK	1	1	25.05	25.10	24.97	25.7	0.0
Channel				516000	519000	522000	Tune-up	MPR
Frequency (MHz)				2580	2595	2610	limit	(dB)
20	QPSK	1	1	25.04	25.14	25.03	25.7	0.0
Channel				515502	519000	522498	Tune-up	MPR
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)
15	QPSK	1	1	25.03	25.12	25.03	25.7	0.0
Channel				515004	519000	522996	Tune-up	MPR
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)
10	QPSK	1	1	25.03	25.16	24.98	25.7	0.0

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	π/2 BPSK	1	1	24.94	25.05	24.99	25.7	0.0
100	π/2 BPSK	1	137	24.94	25.01	24.97		
100	π/2 BPSK	1	271	25.08	25.11	25.07		
100	π/2 BPSK	135	0	24.94	25.05	24.96	25.7	0.0
100	π/2 BPSK	135	69	24.97	25.07	25.05	25.7	0.0
100	π/2 BPSK	135	138	25.00	25.09	24.99	25.7	0.0
100	π/2 BPSK	270	0	25.04	25.09	25.06		
100	QPSK	1	1	25.16	25.18	25.12	25.7	0.0
100	QPSK	1	137	24.95	25.02	24.95		
100	QPSK	1	271	25.04	25.12	25.07		
100	QPSK	135	0	24.98	25.00	24.94	25.7	0.0
100	QPSK	135	69	25.04	25.07	24.97	25.7	0.0
100	QPSK	135	138	24.95	25.05	24.97	25.7	0.0
100	QPSK	270	0	24.11	24.16	24.12		
100	16QAM	1	1	24.84	24.91	24.85	25.7	0.0
100	64QAM	1	1	24.94	24.96	24.95	25.2	0.5
100	256QAM	1	1	23.38	23.42	23.35	23.7	2.0
Channel				508200	518598	528996	Tune-up	MPR
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)
90	QPSK	1	1	25.06	25.15	25.07	25.7	0.0
Channel				507204	518598	529998	Tune-up	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	limit	(dB)
80	QPSK	1	1	25.09	25.13	25.03	25.7	0.0
Channel				506202	518598	531000	Tune-up	MPR
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)
70	QPSK	1	1	25.05	25.15	25.06	25.7	0.0
Channel				505200	518598	531996	Tune-up	MPR
Frequency (MHz)				2526	2592.99	2659.98	limit	(dB)
60	QPSK	1	1	25.08	25.11	25.10	25.7	0.0
Channel				504204	518598	532998	Tune-up	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)
50	QPSK	1	1	25.14	25.14	25.03	25.7	0.0
Channel				503202	518598	534000	Tune-up	MPR
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)
40	QPSK	1	1	25.07	25.11	25.07	25.7	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
30	QPSK	1	1	25.07	25.14	25.10	25.7	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
25	QPSK	1	1	25.14	25.08	25.07	25.7	0.0
Channel				501204	518598	535998	Tune-up	MPR
Frequency (MHz)				2506.02	2592.99	2679.96	limit	(dB)
20	QPSK	1	1	25.14	25.16	25.01	25.7	0.0
Channel				500700	518598	536496	Tune-up	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)
15	QPSK	1	1	25.08	25.10	25.02	25.7	0.0
Channel				500202	518598	537000	Tune-up	MPR
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)
10	QPSK	1	1	25.05	25.11	25.06	25.7	0.0

n2 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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	23.59	23.65	23.58	25.2	0.0
40	π/2 BPSK	1	108	23.56	23.62	23.51		
40	π/2 BPSK	1	214	23.79	23.87	23.77		
40	π/2 BPSK	108	0	23.13	23.19	23.09	24.7	0.5
40	π/2 BPSK	108	54	23.58	23.65	23.59	25.2	0.0
40	π/2 BPSK	108	108	23.14	23.16	23.11	24.7	0.5
40	π/2 BPSK	216	0	23.17	23.26	23.25		
40	QPSK	1	1	23.81	23.91	23.85	25.2	0.0
40	QPSK	1	108	23.66	23.69	23.58		
40	QPSK	1	214	23.85	23.90	23.83		
40	QPSK	108	0	22.62	22.64	22.55	24.2	1.0
40	QPSK	108	54	23.68	23.73	23.71	25.2	0.0
40	QPSK	108	108	22.68	22.73	22.64	24.2	1.0
40	QPSK	216	0	22.74	22.81	22.73		
40	16QAM	1	1	22.41	22.52	22.47	24.2	1.0
40	64QAM	1	1	20.96	21.04	20.98	22.7	2.5
40	256QAM	1	1	18.91	18.98	18.93	20.7	4.5
Channel				373500	376000	378500	Tune-up	MPR
Frequency (MHz)				1867.5	1880	1892.5	limit	(dB)
35	QPSK	1	1	23.77	23.84	23.74	25.2	0.0
Channel				373000	376000	379000	Tune-up	MPR
Frequency (MHz)				1865	1880	1895	limit	(dB)
30	QPSK	1	1	23.74	23.89	23.76	25.2	0.0
Channel				372500	376000	379500	Tune-up	MPR
Frequency (MHz)				1862.5	1880	1897.5	limit	(dB)
25	QPSK	1	1	23.75	23.87	23.83	25.2	0.0
Channel				372000	376000	380000	Tune-up	MPR
Frequency (MHz)				1860	1880	1900	limit	(dB)
20	QPSK	1	1	23.76	23.86	23.83	25.2	0.0
Channel				371500	376000	380500	Tune-up	MPR
Frequency (MHz)				1857.5	1880	1902.5	limit	(dB)
15	QPSK	1	1	23.74	23.90	23.74	25.2	0.0
Channel				371000	376000	381000	Tune-up	MPR
Frequency (MHz)				1855	1880	1905	limit	(dB)
10	QPSK	1	1	23.80	23.82	23.76	25.2	0.0
Channel				370500	376000	381500	Tune-up	MPR
Frequency (MHz)				1852.5	1880	1907.5	limit	(dB)
5	QPSK	1	1	23.75	23.80	23.80	25.2	0.0

n7 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	π/2 BPSK	1	1	24.90	24.94	24.87	25.7	0.0
40	π/2 BPSK	1	108	24.99	25.03	24.97		
40	π/2 BPSK	1	214	24.91	25.00	24.92		
40	π/2 BPSK	108	0	24.44	24.49	24.40	25.2	0.5
40	π/2 BPSK	108	54	25.00	25.05	25.01	25.7	0.0
40	π/2 BPSK	108	108	24.43	24.49	24.47	25.2	0.5
40	π/2 BPSK	216	0	24.56	24.66	24.62		
40	QPSK	1	1	25.00	25.06	25.00	25.7	0.0
40	QPSK	1	108	24.81	24.83	24.73		
40	QPSK	1	214	24.94	25.02	24.93		
40	QPSK	108	0	23.95	24.03	23.98	24.7	1.0
40	QPSK	108	54	24.72	24.83	24.81	25.7	0.0
40	QPSK	108	108	23.60	23.71	23.66	24.7	1.0
40	QPSK	216	0	23.96	23.99	23.95		
40	16QAM	1	1	23.55	23.60	23.50	24.7	1.0
40	64QAM	1	1	22.01	22.12	22.08	23.2	2.5
40	256QAM	1	1	20.01	20.08	19.99	21.2	4.5
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	24.96	24.95	24.98	25.7	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	24.93	24.96	24.93	25.7	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	24.98	25.03	24.98	25.7	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	π/2 BPSK	1	1	24.89	24.97	24.94	25.7	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	24.95	25.00	24.91	25.7	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	24.91	25.03	24.93	25.7	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)
5	QPSK	1	1	24.93	24.97	24.99	25.7	0.0

n66 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	π/2 BPSK	1	1	24.27	24.31	24.21	25.7	0.0
40	π/2 BPSK	1	108	23.97	23.99	23.93		
40	π/2 BPSK	1	214	24.06	24.10	24.03		
40	π/2 BPSK	108	0	23.37	23.45	23.36	25.2	0.5
40	π/2 BPSK	108	54	23.96	23.98	23.88	25.7	0.0
40	π/2 BPSK	108	108	23.35	23.45	23.37	25.2	0.5
40	π/2 BPSK	216	0	23.53	23.55	23.45		
40	QPSK	1	1	24.35	24.38	24.34	25.7	0.0
40	QPSK	1	108	23.91	23.93	23.90		
40	QPSK	1	214	24.00	24.10	24.04		
40	QPSK	108	0	22.95	23.00	22.99	24.7	1.0
40	QPSK	108	54	23.95	23.99	23.90	25.7	0.0
40	QPSK	108	108	22.85	22.94	22.90	24.7	1.0
40	QPSK	216	0	23.02	23.09	23.00		
40	16QAM	1	1	23.12	23.21	23.12	24.7	1.0
40	64QAM	1	1	21.62	21.70	21.68	23.2	2.5
40	256QAM	1	1	19.53	19.61	19.56	21.2	4.5
Channel				345500	349000	352500	Tune-up	MPR
Frequency (MHz)				1727.5	1745	1762.5	limit	(dB)
35	QPSK	1	1	24.26	24.35	24.32	0.0	0.0
Channel				345000	349000	353000	Tune-up	MPR
Frequency (MHz)				1725	1745	1765	limit	(dB)
30	QPSK	1	1	24.32	24.32	24.23	25.7	0.0
Channel				344500	349000	353500	Tune-up	MPR
Frequency (MHz)				1722.5	1745	1767.5	limit	(dB)
25	QPSK	1	1	24.32	24.31	24.23	25.7	0.0
Channel				344000	349000	354000	Tune-up	MPR
Frequency (MHz)				1720	1745	1770	limit	(dB)
20	QPSK	1	1	24.25	24.34	24.33	25.7	0.0
Channel				343500	349000	354500	Tune-up	MPR
Frequency (MHz)				1717.5	1745	1772.5	limit	(dB)
15	QPSK	1	1	24.32	24.33	24.31	25.7	0.0
Channel				343000	349000	355000	Tune-up	MPR
Frequency (MHz)				1715	1745	1775	limit	(dB)
10	QPSK	1	1	24.26	24.28	24.27	25.7	0.0
Channel				342500	349000	355500	Tune-up	MPR
Frequency (MHz)				1712.5	1745	1777.5	limit	(dB)
5	QPSK	1	1	24.25	24.32	24.28	25.7	0.0

n38 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	24.59	24.66	24.63	25.5	0.0
40	π/2 BPSK	1	53	24.31	24.38	24.29		
40	π/2 BPSK	1	104	24.25	24.31	24.29		
40	π/2 BPSK	50	0	23.90	23.97	23.95	25.0	0.5
40	π/2 BPSK	50	28	24.37	24.47	24.39	25.5	0.0
40	π/2 BPSK	50	56	23.77	23.80	23.77	25.0	0.5
40	π/2 BPSK	100	0	23.91	23.98	23.94		
40	QPSK	1	1	24.63	24.69	24.65		
40	QPSK	1	53	24.36	24.40	24.37	25.5	0.0
40	QPSK	1	104	24.36	24.40	24.32		
40	QPSK	50	0	23.43	23.50	23.43	24.5	1.0
40	QPSK	50	28	24.37	24.40	24.35	25.5	0.0
40	QPSK	50	56	23.20	23.28	23.22	24.5	1.0
40	QPSK	100	0	23.38	23.45	23.39		
40	16QAM	1	1	23.40	23.51	23.45	24.5	1.0
40	64QAM	1	1	22.03	22.06	21.99	23.0	2.5
40	256QAM	1	1	19.90	19.98	19.92	21.0	4.5
Channel				517002	519000	520998	Tune-up	MPR
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)
30	QPSK	1	1	24.58	24.61	24.59	25.5	0.0
Channel				516504	519000	521496	Tune-up	MPR
Frequency (MHz)				2582.52	2595	2607.48	limit	(dB)
25	QPSK	1	1	24.59	24.61	24.63	25.5	0.0
Channel				516000	519000	522000	Tune-up	MPR
Frequency (MHz)				2580	2595	2610	limit	(dB)
20	QPSK	1	1	24.61	24.67	24.58	25.5	0.0
Channel				515502	519000	522498	Tune-up	MPR
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)
15	QPSK	1	1	24.59	24.63	24.56	25.5	0.0
Channel				515004	519000	522996	Tune-up	MPR
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)
10	QPSK	1	1	24.54	24.67	24.56	25.5	0.0

n41 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	24.06	24.08	23.97	25.7	0.0
100	π/2 BPSK	1	137	23.99	24.10	24.02		
100	π/2 BPSK	1	271	24.17	24.22	24.16		
100	π/2 BPSK	135	0	24.03	24.09	24.00	25.7	0.0
100	π/2 BPSK	135	69	24.02	24.13	24.04	25.7	0.0
100	π/2 BPSK	135	138	24.19	24.20	24.11	25.7	0.0
100	π/2 BPSK	270	0	24.06	24.16	24.15		
100	QPSK	1	1	24.17	24.25	24.14		
100	QPSK	1	137	24.00	24.11	24.02	25.7	0.0
100	QPSK	1	271	24.22	24.23	24.16		
100	QPSK	135	0	24.06	24.12	24.03	25.7	0.0
100	QPSK	135	69	24.16	24.19	24.08	25.7	0.0
100	QPSK	135	138	24.08	24.18	24.12	25.7	0.0
100	QPSK	270	0	24.12	24.20	24.10		
100	16QAM	1	1	24.08	24.10	24.01	25.7	0.0
100	64QAM	1	1	24.02	24.06	23.95	25.2	0.5
100	256QAM	1	1	22.50	22.55	22.48	23.7	2.0
Channel				508200	518598	528996	Tune-up	MPR
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)
90	QPSK	1	1	24.13	24.23	24.07	25.7	0.0
Channel				507204	518598	529998	Tune-up	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	limit	(dB)
80	QPSK	1	1	24.06	24.22	24.12	25.7	0.0
Channel				506202	518598	531000	Tune-up	MPR
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)
70	QPSK	1	1	24.12	24.15	24.05	25.7	0.0
Channel				505200	518598	531996	Tune-up	MPR
Frequency (MHz)				2526	2592.99	2659.98	limit	(dB)
60	QPSK	1	1	24.08	24.17	24.11	25.7	0.0
Channel				504204	518598	532998	Tune-up	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)
50	QPSK	1	1	24.16	24.19	24.03	25.7	0.0
Channel				503202	518598	534000	Tune-up	MPR
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)
40	QPSK	1	1	24.07	24.21	24.07	25.7	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
30	QPSK	1	1	24.09	24.20	24.08	25.7	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
25	QPSK	1	1	24.08	24.24	24.06	25.7	0.0
Channel				501204	518598	535998	Tune-up	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	limit	(dB)
20	QPSK	1	1	24.12	24.19	24.09	25.7	0.0
Channel				500700	518598	536496	Tune-up	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)
15	QPSK	1	1	24.11	24.20	24.10	25.7	0.0
Channel				500202	518598	537000	Tune-up	MPR
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)
10	QPSK	1	1	24.09	24.21	24.05	25.7	0.0

Part96 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	π/2 BPSK	1	1	24.10	24.12	24.05	25.5	0.0
40	π/2 BPSK	1	53	23.94	24.00	23.99		
40	π/2 BPSK	1	104	23.96	24.00	23.92		
40	π/2 BPSK	50	0	23.62	23.63	23.61	25.0	0.5
40	π/2 BPSK	50	28	24.04	24.13	24.04	25.5	0.0
40	π/2 BPSK	50	56	23.51	23.57	23.47	25.0	0.5
40	π/2 BPSK	100	0	23.53	23.59	23.53		
40	QPSK	1	1	24.11	24.15	24.06		
40	QPSK	1	53	24.01	24.02	23.98	25.5	0.0
40	QPSK	1	104	23.96	23.98	23.92		
40	QPSK	50	0	23.02	23.09	23.02	24.5	1.0
40	QPSK	50	28	24.01	24.06	23.97	25.5	0.0
40	QPSK	50	56	22.98	23.05	23.00	24.5	1.0
40	QPSK	100	0	22.96	23.06	23.02		
40	16QAM	1	1	22.97	23.02	22.91	24.5	1.0
40	64QAM	1	1	21.49	21.58	21.54	23.0	2.5
40	256QAM	1	1	19.48	19.53	19.48	21.0	4.5
Channel				637668	641666	645666	Tune-up	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	24.01	24.13	24.00	25.5	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	24.04	24.10	23.99	25.5	0.0
Channel				637168	641666	646168	Tune-up	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	24.02	24.05	23.95	25.5	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	24.02	24.13	24.01	25.5	0.0

Part27O n77 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	23.78	23.84	23.80	25.5	0.0
100	π/2 BPSK	1	137	23.85	23.88	23.85		
100	π/2 BPSK	1	271	23.79	23.83	23.81		
100	π/2 BPSK	135	0	23.82	23.84	23.74	25.5	0.0
100	π/2 BPSK	135	69	23.80	23.86	23.80	25.5	0.0
100	π/2 BPSK	135	138	23.82	23.88	23.80	25.5	0.0
100	π/2 BPSK	270	0	23.76	23.86	23.82		
100	QPSK	1	1	24.01	24.07	24.01		
100	QPSK	1	137	23.76	23.80	23.76	25.5	0.0
100	QPSK	1	271	23.86	23.90	23.83		
100	QPSK	135	0	23.79	23.83	23.76	25.5	0.0
100	QPSK	135	69	23.78	23.86	23.84	25.5	0.0
100	QPSK	135	138	23.82	23.85	23.78	25.5	0.0
100	QPSK	270	0	23.77	23.85	23.83		
100	16QAM	1	1	23.76	23.82	23.77	25.5	0.0
100	64QAM	1	1	23.18	23.22	23.17	25.0	0.5
100	256QAM	1	1	21.19	21.24	21.18	23.0	2.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	23.91	24.01	23.95	25.5	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	23.95	24.00	23.90	25.5	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	23.93	24.05	23.94	25.5	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	23.98	23.99	23.96	25.5	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	23.97	23.99	23.97	25.5	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	23.92	24.00	23.94	25.5	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	23.94	24.03	23.93	25.5	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	23.97	23.98	23.99	25.5	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	23.93	24.00	23.95	25.5	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	23.98	24.04	23.97	25.5	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	23.99	24.00	23.92	25.5	0.0

Part27O n77 Ant6 Default PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.38	25.43	25.42		
100	PI/2 BPSK	1	137	25.31	25.39	25.34	27.0	0.0
100	PI/2 BPSK	1	271	25.35	25.44	25.37		
100	PI/2 BPSK	135	0	24.81	24.84	24.82	26.5	0.5
100	PI/2 BPSK	135	69	25.35	25.41	25.40	27.0	0.0
100	PI/2 BPSK	135	138	24.90	24.91	24.85	26.5	0.5
100	PI/2 BPSK	270	0	24.88	24.93	24.87		
100	QPSK	1	1	25.68	25.77	25.73		
100	QPSK	1	137	25.23	25.33	25.28	27.0	0.0
100	QPSK	1	271	25.40	25.42	25.34		
100	QPSK	135	0	24.31	24.33	24.26	26.0	1.0
100	QPSK	135	69	25.29	25.31	25.30	27.0	0.0
100	QPSK	135	138	24.39	24.41	24.32	26.0	1.0
100	QPSK	270	0	24.36	24.42	24.39		
100	16QAM	1	1	24.31	24.38	24.34	26.0	1.0
100	64QAM	1	1	22.81	22.88	22.81	24.5	2.5
100	256QAM	1	1	20.80	20.86	20.76	22.5	4.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	25.57	25.70	25.69	27.0	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	25.58	25.66	25.66	27.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	25.63	25.68	25.69	27.0	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	25.59	25.73	25.69	27.0	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	25.61	25.68	25.72	27.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	25.66	25.74	25.70	27.0	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	25.62	25.68	25.72	27.0	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	25.66	25.74	25.66	27.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	25.60	25.76	25.68	27.0	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	25.64	25.76	25.66	27.0	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	25.58	25.69	25.70	27.0	0.0

Part27Q n77 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.81			
100	PI/2 BPSK	1	137		23.83		25.5	0.0
100	PI/2 BPSK	1	271		23.98			
100	PI/2 BPSK	135	0		23.81		25.5	0.0
100	PI/2 BPSK	135	69		23.77		25.5	0.0
100	PI/2 BPSK	135	138		23.89		25.5	0.0
100	PI/2 BPSK	270	0		23.85			
100	QPSK	1	1		24.02			
100	QPSK	1	137		23.77		25.5	0.0
100	QPSK	1	271		24.01			
100	QPSK	135	0		23.77		25.5	0.0
100	QPSK	135	69		23.92		25.5	0.0
100	QPSK	135	138		23.90		25.5	0.0
100	QPSK	270	0		23.84			
100	16QAM	1	1		23.70		25.5	0.0
100	64QAM	1	1		23.18		25.0	0.5
100	256QAM	1	1		21.29		23.0	2.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	23.93	23.93	23.93	25.5	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	23.97	23.95	23.91	25.5	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	24.00	23.96	23.91	25.5	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	23.98	23.99	23.94	25.5	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	23.96	23.93	23.97	25.5	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	23.92	24.00	23.92	25.5	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	23.93	23.96	23.96	25.5	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	24.00	23.93	23.96	25.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	23.96	23.95	23.93	25.5	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	24.00	23.98	23.94	25.5	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	23.94	23.92	23.92	25.5	0.0

Part27Q n77 Ant6 Default PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.56			
100	PI/2 BPSK	1	137		25.52		27.0	0.0
100	PI/2 BPSK	1	271		25.79			
100	PI/2 BPSK	135	0		25.13		26.5	0.5
100	PI/2 BPSK	135	69		25.50		27.0	0.0
100	PI/2 BPSK	135	138		25.26		26.5	0.5
100	PI/2 BPSK	270	0		25.21			
100	QPSK	1	1		25.82			
100	QPSK	1	137		25.50		27.0	0.0
100	QPSK	1	271		25.81			
100	QPSK	135	0		24.56		26.0	1.0
100	QPSK	135	69		25.41		27.0	0.0
100	QPSK	135	138		24.76		26.0	1.0
100	QPSK	270	0		24.72			
100	16QAM	1	1		24.56		26.0	1.0
100	64QAM	1	1		23.06		24.5	2.5
100	256QAM	1	1		21.05		22.5	4.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	25.78	25.80	25.78	27.0	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	25.71	25.75	25.75	27.0	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	25.79	25.74	25.78	27.0	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	25.77	25.78	25.80	27.0	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	25.75	25.74	25.80	27.0	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	25.79	25.77	25.76	27.0	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	25.76	25.81	25.76	27.0	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	25.74	25.73	25.72	27.0	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	25.81	25.79	25.75	27.0	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	25.77	25.73	25.74	27.0	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	25.77	25.77	25.78	27.0	0.0

Part27O n78 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.81			
100	PI/2 BPSK	1	137		23.81		25.5	0.0
100	PI/2 BPSK	1	271		23.95			
100	PI/2 BPSK	135	0		23.77		25.5	0.0
100	PI/2 BPSK	135	69		23.80		25.5	0.0
100	PI/2 BPSK	135	138		23.87		25.5	0.0
100	PI/2 BPSK	270	0		23.81			
100	QPSK	1	1		24.07			
100	QPSK	1	137		23.74		25.5	0.0
100	QPSK	1	271		24.06			
100	QPSK	135	0		23.74		25.5	0.0
100	QPSK	135	69		23.85		25.5	0.0
100	QPSK	135	138		23.82		25.5	0.0
100	QPSK	270	0		23.78			
100	16QAM	1	1		23.78		25.5	0.0
100	64QAM	1	1		23.26		25.0	0.5
100	256QAM	1	1		21.30		23.0	2.5
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	24.05	23.98	24.05	25.5	0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	24.01	24.03	24.02	25.5	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	23.98	24.06	24.05	25.5	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	23.99	24.02	24.00	25.5	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	23.97	24.02	23.99	25.5	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	23.99	24.02	24.04	25.5	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	24.03	23.99	23.99	25.5	0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	24.00	23.99	24.02	25.5	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	24.05	24.02	23.99	25.5	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	23.98	24.05	23.97	25.5	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	24.03	24.01	23.97	25.5	0.0

Part27O n78 Ant6 Default PC2

BW [MHz]	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	π/2 BPSK	1	1		25.51			
100	π/2 BPSK	1	137		25.45		27.2	0.0
100	π/2 BPSK	1	271		25.75			
100	π/2 BPSK	135	0		25.02		26.7	0.5
100	π/2 BPSK	135	69		25.44		27.2	0.0
100	π/2 BPSK	135	138		25.07		26.7	0.5
100	π/2 BPSK	270	0		24.95			
100	QPSK	1	1		25.85			
100	QPSK	1	137		25.38		27.2	0.0
100	QPSK	1	271		25.78			
100	QPSK	135	0		24.49		26.2	1.0
100	QPSK	135	69		25.40		27.2	0.0
100	QPSK	135	138		24.59		26.2	1.0
100	QPSK	270	0		24.48			
100	16QAM	1	1		24.40		26.2	1.0
100	64QAM	1	1		22.94		24.7	2.5
100	256QAM	1	1		20.91		22.7	4.5
Channel				649668	650000	650334	Tune-up	MPR
Frequency (MHz)				3743.02	3750	3753.01	limit	(dB)
90	QPSK	1	1	25.81	25.78	25.78	27.2	0.0
Channel				649334	650000	650668	Tune-up	MPR
Frequency (MHz)				3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	25.84	25.78	25.81	27.2	0.0
Channel				649000	650000	651000	Tune-up	MPR
Frequency (MHz)				3735	3750	3765	limit	(dB)
70	QPSK	1	1	25.84	25.78	25.79	27.2	0.0
Channel				648668	650000	651334	Tune-up	MPR
Frequency (MHz)				3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	25.77	25.80	25.81	27.2	0.0
Channel				648334	650000	651668	Tune-up	MPR
Frequency (MHz)				3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	25.78	25.77	25.80	27.2	0.0
Channel				648000	650000	652000	Tune-up	MPR
Frequency (MHz)				3720	3750	3780	limit	(dB)
40	QPSK	1	1	25.84	25.82	25.80	27.2	0.0
Channel				647668	650000	652334	Tune-up	MPR
Frequency (MHz)				3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	25.79	25.79	25.74	27.2	0.0
Channel				647500	650000	652500	Tune-up	MPR
Frequency (MHz)				3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	25.82	25.83	25.77	27.2	0.0
Channel				647334	650000	652668	Tune-up	MPR
Frequency (MHz)				3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	25.74	25.84	25.80	27.2	0.0
Channel				647168	650000	652834	Tune-up	MPR
Frequency (MHz)				3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	25.84	25.78	25.78	27.2	0.0
Channel				647000	650000	653000	Tune-up	MPR
Frequency (MHz)				3705	3750	3795	limit	(dB)
10	QPSK	1	1	25.76	25.82	25.78	27.2	0.0

Part27Q n78 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.81			
100	π/2 BPSK	1	137		23.77		25.5	0.0
100	π/2 BPSK	1	271		24.01			
100	π/2 BPSK	135	0		23.75		25.5	0.0
100	π/2 BPSK	135	69		23.81		25.5	0.0
100	π/2 BPSK	135	138		23.89		25.5	0.0
100	π/2 BPSK	270	0		23.83			
100	QPSK	1	1		24.07			
100	QPSK	1	137		23.81		25.5	0.0
100	QPSK	1	271		24.02			
100	QPSK	135	0		23.72		25.5	0.0
100	QPSK	135	69		23.93		25.5	0.0
100	QPSK	135	138		23.89		25.5	0.0
100	QPSK	270	0		23.80			
100	16QAM	1	1		23.73		25.5	0.0
100	64QAM	1	1		23.26		25.0	0.5
100	256QAM	1	1		21.25		23.0	2.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	23.99	24.02	24.00	25.5	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	24.03	23.98	24.02	25.5	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	23.99	23.97	24.03	25.5	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	24.02	23.96	24.01	25.5	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	24.06	23.98	24.01	25.5	0.0
Channel				631334	633334	633334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	23.96	24.04	24.01	25.5	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	24.06	24.00	23.99	25.5	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	24.05	24.05	24.05	25.5	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	23.99	23.97	24.01	25.5	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	23.97	24.06	24.00	25.5	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	24.00	24.04	24.00	25.5	0.0

Part27Q n78 Ant6 Default PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.66			
100	π/2 BPSK	1	137		25.58		27.2	0.0
100	π/2 BPSK	1	271		25.79			
100	π/2 BPSK	135	0		25.04		26.7	0.5
100	π/2 BPSK	135	69		25.55		27.2	0.0
100	π/2 BPSK	135	138		25.27		26.7	0.5
100	π/2 BPSK	270	0		25.11			
100	QPSK	1	1		25.86			
100	QPSK	1	137		25.57		27.2	0.0
100	QPSK	1	271		25.80			
100	QPSK	135	0		24.50		26.2	1.0
100	QPSK	135	69		25.57		27.2	0.0
100	QPSK	135	138		24.54		26.2	1.0
100	QPSK	270	0		24.55			
100	16QAM	1	1		24.63		26.2	1.0
100	64QAM	1	1		23.01		24.7	2.5
100	256QAM	1	1		21.10		22.7	4.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	25.78	25.80	25.83	27.2	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	25.82	25.78	25.77	27.2	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	25.79	25.75	25.79	27.2	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	25.76	25.79	25.83	27.2	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	25.85	25.80	25.80	27.2	0.0
Channel				631334	633334	633534	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	25.79	25.78	25.78	27.2	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	25.76	25.82	25.78	27.2	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	25.76	25.78	25.85	27.2	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	25.84	25.80	25.84	27.2	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	25.82	25.84	25.77	27.2	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	25.81	25.77	25.85	27.2	0.0

Part96 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	25.04	25.09	25.05	25.7	0.0
40	Pi/2 BPSK	1	53	25.01	25.10	24.99		
40	Pi/2 BPSK	1	104	25.06	25.11	25.01		
40	Pi/2 BPSK	50	0	24.59	24.69	24.68	25.2	0.5
40	Pi/2 BPSK	50	28	25.07	25.15	25.08	25.7	0.0
40	Pi/2 BPSK	50	56	24.64	24.70	24.68	25.2	0.5
40	Pi/2 BPSK	100	0	24.62	24.69	24.67		
40	QPSK	1	1	25.05	25.16	25.05		
40	QPSK	1	53	24.95	25.04	24.97	25.7	0.0
40	QPSK	1	104	25.04	25.09	25.05		
40	QPSK	50	0	24.12	24.15	24.05	24.7	1.0
40	QPSK	50	28	25.09	25.11	25.09	25.7	0.0
40	QPSK	50	56	24.19	24.21	24.12	24.7	1.0
40	QPSK	100	0	24.14	24.17	24.06		
40	16QAM	1	1	23.98	24.09	24.05	24.7	1.0
40	64QAM	1	1	22.41	22.48	22.42	23.2	2.5
40	256QAM	1	1	20.47	20.49	20.46	21.2	4.5
Channel				637668	641666	645666	Tune-up	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	24.97	25.05	25.02	25.7	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	25.00	25.15	24.98	25.7	0.0
Channel				637168	641666	646166	Tune-up	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	24.98	25.06	25.00	25.7	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	25.00	25.05	24.98	25.7	0.0

Part27O n77 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	25.09	25.20	25.09	26.0	0.0
100	Pi/2 BPSK	1	137	25.06	25.12	25.09		
100	Pi/2 BPSK	1	271	25.13	25.17	25.08		
100	Pi/2 BPSK	135	0	25.10	25.12	25.02	26.0	0.0
100	Pi/2 BPSK	135	69	25.09	25.13	25.04	26.0	0.0
100	Pi/2 BPSK	135	138	25.07	25.16	25.09	26.0	0.0
100	Pi/2 BPSK	270	0	25.10	25.13	25.05		
100	QPSK	1	1	25.19	25.23	25.20		
100	QPSK	1	137	25.05	25.07	25.02	26.0	0.0
100	QPSK	1	271	25.03	25.13	25.09		
100	QPSK	135	0	25.06	25.09	24.99	26.0	0.0
100	QPSK	135	69	25.07	25.13	25.12	26.0	0.0
100	QPSK	135	138	25.08	25.11	25.08	26.0	0.0
100	QPSK	270	0	25.00	25.10	25.05		
100	16QAM	1	1	25.08	25.17	25.07	26.0	0.0
100	64QAM	1	1	24.52	24.59	24.49	25.5	0.5
100	256QAM	1	1	22.57	22.58	22.50	23.5	2.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	25.14	25.18	25.15	26.0	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	25.12	25.12	25.15	26.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	25.14	25.20	25.13	26.0	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	25.12	25.16	25.10	26.0	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	25.13	25.13	25.14	26.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	25.13	25.13	25.13	26.0	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	25.09	25.14	25.09	26.0	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	25.08	25.13	25.13	26.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	25.11	25.14	25.13	26.0	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	25.17	25.20	25.18	26.0	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	25.14	25.20	25.19	26.0	0.0

Part27O n77 Ant7 Default PC2

BW [MHz]	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	27.18	27.21	27.20	28.2	0.0
100	Pi/2 BPSK	1	137	27.07	27.15	27.09		
100	Pi/2 BPSK	1	271	27.09	27.16	27.09		
100	Pi/2 BPSK	135	0	26.44	26.55	26.44	27.7	0.5
100	Pi/2 BPSK	135	69	27.08	27.13	27.02	28.2	0.0
100	Pi/2 BPSK	135	138	26.57	26.66	26.64	27.7	0.5
100	Pi/2 BPSK	270	0	26.56	26.58	26.57		
100	QPSK	1	1	27.22	27.27	27.22		
100	QPSK	1	137	27.04	27.10	27.06	28.2	0.0
100	QPSK	1	271	27.06	27.14	27.11		
100	QPSK	135	0	26.01	26.05	25.99	27.2	1.0
100	QPSK	135	69	26.93	27.03	26.94	28.2	0.0
100	QPSK	135	138	26.02	26.11	26.03	27.2	1.0
100	QPSK	270	0	26.11	26.12	26.10		
100	16QAM	1	1	26.09	26.11	26.02	27.2	1.0
100	64QAM	1	1	24.58	24.62	24.51	25.7	2.5
100	256QAM	1	1	22.48	22.57	22.56	23.7	4.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	27.16	27.24	27.21	28.2	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	27.19	27.23	27.14	28.2	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	27.17	27.26	27.19	28.2	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	27.14	27.23	27.15	28.2	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	27.20	27.25	27.16	28.2	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	27.14	27.17	27.15	28.2	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	27.13	27.25	27.13	28.2	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	27.20	27.24	27.11	28.2	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	27.11	27.24	27.18	28.2	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	27.13	27.20	27.18	28.2	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	27.18	27.26	27.11	28.2	0.0

Part27Q n77 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	Pi/2 BPSK	1	1		25.27		26.0	0.0
100	Pi/2 BPSK	1	137		25.21			
100	Pi/2 BPSK	1	271		25.33			
100	Pi/2 BPSK	135	0		25.24		26.0	0.0
100	Pi/2 BPSK	135	69		25.19		26.0	0.0
100	Pi/2 BPSK	135	138		25.25		26.0	0.0
100	Pi/2 BPSK	270	0		25.23			
100	QPSK	1	1		25.35			
100	QPSK	1	137		25.19		26.0	0.0
100	QPSK	1	271		25.30			
100	QPSK	135	0		25.20		26.0	0.0
100	QPSK	135	69		25.21		26.0	0.0
100	QPSK	135	138		25.17		26.0	0.0
100	QPSK	270	0		25.22			
100	16QAM	1	1		25.13		26.0	0.0
100	64QAM	1	1		24.72		25.5	0.5
100	256QAM	1	1		22.72		23.5	2.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3498	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	25.30	25.34	25.30	26.0	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	25.26	25.30	25.31	26.0	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	25.25	25.27	25.31	26.0	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	25.24	25.34	25.32	26.0	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	25.28	25.29	25.28	26.0	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	25.26	25.25	25.26	26.0	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	25.28	25.33	25.27	26.0	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	25.25	25.27	25.34	26.0	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	25.27	25.31	25.25	26.0	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	25.31	25.32	25.27	26.0	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	25.34	25.34	25.26	26.0	0.0

Part27Q n77 Ant7 Default PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	π/2 BPSK	1	1		27.18			
100	π/2 BPSK	1	137		27.04		28.2	0.0
100	π/2 BPSK	1	271		27.20			
100	π/2 BPSK	135	0		26.70		27.7	0.5
100	π/2 BPSK	135	69		27.11		28.2	0.0
100	π/2 BPSK	135	138		26.78		27.7	0.5
100	π/2 BPSK	270	0		26.72			
100	QPSK	1	1		27.21			
100	QPSK	1	137		27.00		28.2	0.0
100	QPSK	1	271		27.19			
100	QPSK	135	0		26.13		27.2	1.0
100	QPSK	135	69		27.07		28.2	0.0
100	QPSK	135	138		26.20		27.2	1.0
100	QPSK	270	0		26.24			
100	16QAM	1	1		26.18		27.2	1.0
100	64QAM	1	1		24.69		25.7	2.5
100	256QAM	1	1		22.66		23.7	4.5
	Channel			633000	633334	633668	Tune-up	MPR
	Frequency (MHz)			3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	27.17	27.17	27.17	28.2	0.0
	Channel			632668	633334	634000	Tune-up	MPR
	Frequency (MHz)			3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	27.19	27.20	27.13	28.2	0.0
	Channel			632334	633334	634334	Tune-up	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	27.15	27.20	27.14	28.2	0.0
	Channel			632000	633334	634668	Tune-up	MPR
	Frequency (MHz)			3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	27.17	27.20	27.18	28.2	0.0
	Channel			631668	633334	635000	Tune-up	MPR
	Frequency (MHz)			3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	27.14	27.14	27.12	28.2	0.0
	Channel			631334	633334	635334	Tune-up	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	27.13	27.19	27.16	28.2	0.0
	Channel			631000	633334	635668	Tune-up	MPR
	Frequency (MHz)			3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	27.18	27.13	27.17	28.2	0.0
	Channel			630834	633334	635834	Tune-up	MPR
	Frequency (MHz)			3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	27.16	27.16	27.12	28.2	0.0
	Channel			630668	633334	636000	Tune-up	MPR
	Frequency (MHz)			3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	27.13	27.11	27.16	28.2	0.0
	Channel			630500	633334	636168	Tune-up	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	27.18	27.17	27.15	28.2	0.0
	Channel			630334	633334	636334	Tune-up	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	27.17	27.11	27.16	28.2	0.0

Part27O n78 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	π/2 BPSK	1	1		25.19			
100	π/2 BPSK	1	137		25.09		26.0	0.0
100	π/2 BPSK	1	271		25.32			
100	π/2 BPSK	135	0		25.16		26.0	0.0
100	π/2 BPSK	135	69		25.18		26.0	0.0
100	π/2 BPSK	135	138		25.18		26.0	0.0
100	π/2 BPSK	270	0		25.17			
100	QPSK	1	1		25.34			
100	QPSK	1	137		25.05		26.0	0.0
100	QPSK	1	271		25.28			
100	QPSK	135	0		25.12		26.0	0.0
100	QPSK	135	69		25.27		26.0	0.0
100	QPSK	135	138		25.25		26.0	0.0
100	QPSK	270	0		25.19			
100	16QAM	1	1		25.04		26.0	0.0
100	64QAM	1	1		24.61		25.5	0.5
100	256QAM	1	1		22.62		23.5	2.5
	Channel			649668	650000	650334	Tune-up	MPR
	Frequency (MHz)			3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	25.31	25.25	25.32	26.0	0.0
	Channel			649334	650000	650668	Tune-up	MPR
	Frequency (MHz)			3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	25.24	25.27	25.29	26.0	0.0
	Channel			649000	650000	651000	Tune-up	MPR
	Frequency (MHz)			3735	3750	3765	limit	(dB)
70	QPSK	1	1	25.25	25.32	25.32	26.0	0.0
	Channel			648668	650000	651334	Tune-up	MPR
	Frequency (MHz)			3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	25.30	25.28	25.24	26.0	0.0
	Channel			648334	650000	651668	Tune-up	MPR
	Frequency (MHz)			3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	25.23	25.32	25.31	26.0	0.0
	Channel			648000	650000	652000	Tune-up	MPR
	Frequency (MHz)			3720	3750	3780	limit	(dB)
40	QPSK	1	1	25.28	25.32	25.27	26.0	0.0
	Channel			647668	650000	652334	Tune-up	MPR
	Frequency (MHz)			3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	25.26	25.26	25.29	26.0	0.0
	Channel			647500	650000	652500	Tune-up	MPR
	Frequency (MHz)			3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	25.27	25.28	25.24	26.0	0.0
	Channel			647334	650000	652668	Tune-up	MPR
	Frequency (MHz)			3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	25.30	25.31	25.30	26.0	0.0
	Channel			647168	650000	652834	Tune-up	MPR
	Frequency (MHz)			3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	25.25	25.25	25.26	26.0	0.0
	Channel			647000	650000	653000	Tune-up	MPR
	Frequency (MHz)			3705	3750	3795	limit	(dB)
10	QPSK	1	1	25.32	25.25	25.24	26.0	0.0

Part27O n78 Ant7 Default PC2

BW [MHz]	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	π/2 BPSK	1	1		27.01			
100	π/2 BPSK	1	137		26.95		28.3	0.0
100	π/2 BPSK	1	271		27.18			
100	π/2 BPSK	135	0		26.52		27.8	0.5
100	π/2 BPSK	135	69		26.98		28.3	0.0
100	π/2 BPSK	135	138		26.59		27.8	0.5
100	π/2 BPSK	270	0		26.49			
100	QPSK	1	1		27.21			
100	QPSK	1	137		26.89		28.3	0.0
100	QPSK	1	271		27.16			
100	QPSK	135	0		25.97		27.3	1.0
100	QPSK	135	69		26.86		28.3	0.0
100	QPSK	135	138		26.01		27.3	1.0
100	QPSK	270	0		25.98			
100	16QAM	1	1		25.89		27.3	1.0
100	64QAM	1	1		24.45		25.8	2.5
100	256QAM	1	1		22.44		23.8	4.5
	Channel			649668	650000	650334	Tune-up	MPR
	Frequency (MHz)			3745.02	3750	3755.01	limit	(dB)
90	QPSK	1	1	27.13	27.14	27.20	28.3	0.0
	Channel			649334	650000	650668	Tune-up	MPR
	Frequency (MHz)			3740.01	3750	3760.02	limit	(dB)
80	QPSK	1	1	27.15	27.10	27.20	28.3	0.0
	Channel			649000	650000	651000	Tune-up	MPR
	Frequency (MHz)			3735	3750	3765	limit	(dB)
70	QPSK	1	1	27.13	27.15	27.16	28.3	0.0
	Channel			648668	650000	651334	Tune-up	MPR
	Frequency (MHz)			3730.02	3750	3770.01	limit	(dB)
60	QPSK	1	1	27.14	27.17	27.11	28.3	0.0
	Channel			648334	650000	651668	Tune-up	MPR
	Frequency (MHz)			3725.01	3750	3775.02	limit	(dB)
50	QPSK	1	1	27.11	27.12	27.16	28.3	0.0
	Channel			648000	650000	652000	Tune-up	MPR
	Frequency (MHz)			3720	3750	3780	limit	(dB)
40	QPSK	1	1	27.13	27.19	27.16	28.3	0.0
	Channel			647668	650000	652334	Tune-up	MPR
	Frequency (MHz)			3715.02	3750	3785.01	limit	(dB)
30	QPSK	1	1	27.19	27.19	27.15	28.3	0.0
	Channel			647500	650000	652500	Tune-up	MPR
	Frequency (MHz)			3712.5	3750	3787.5	limit	(dB)
25	QPSK	1	1	27.14	27.15	27.10	28.3	0.0
	Channel			647334	650000	652668	Tune-up	MPR
	Frequency (MHz)			3710.01	3750	3790.02	limit	(dB)
20	QPSK	1	1	27.13	27.15	27.17	28.3	0.0
	Channel			647168	650000	652834	Tune-up	MPR
	Frequency (MHz)			3707.52	3750	3792.51	limit	(dB)
15	QPSK	1	1	27.18	27.16	27.17	28.3	0.0
	Channel			647000	650000	653000	Tune-up	MPR
	Frequency (MHz)			3705	3750	3795	limit	(dB)
10	QPSK	1	1	27.19	27.17	27.20	28.3	0.0

Part27Q n78 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.23			
100	π/2 BPSK	1	137		25.10		26.0	0.0
100	π/2 BPSK	1	271		25.26			
100	π/2 BPSK	135	0		25.13		26.0	0.0
100	π/2 BPSK	135	69		25.09		26.0	0.0
100	π/2 BPSK	135	138		25.10		26.0	0.0
100	π/2 BPSK	270	0		25.17			
100	QPSK	1	1		25.29			
100	QPSK	1	137		25.09		26.0	0.0
100	QPSK	1	271		25.24			
100	QPSK	135	0		25.11		26.0	0.0
100	QPSK	135	69		25.22		26.0	0.0
100	QPSK	135	138		25.14		26.0	0.0
100	QPSK	270	0		25.17			
100	16QAM	1	1		25.19		26.0	0.0
100	64QAM	1	1		24.69		25.5	0.5
100	256QAM	1	1		22.63		23.5	2.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	25.20	25.23	25.26	26.0	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	25.20	25.18	25.19	26.0	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	25.24	25.28	25.21	26.0	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	25.20	25.27	25.21	26.0	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	25.21	25.19	25.25	26.0	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	25.24	25.20	25.25	26.0	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	25.21	25.22	25.20	26.0	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	25.20	25.20	25.21	26.0	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	25.28	25.25	25.23	26.0	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	25.23	25.18	25.20	26.0	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	25.26	25.24	25.23	26.0	0.0

Part27Q n78 Ant7 Default PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		27.28			
100	π/2 BPSK	1	137		27.15		28.3	0.0
100	π/2 BPSK	1	271		27.28			
100	π/2 BPSK	135	0		26.74		27.8	0.5
100	π/2 BPSK	135	69		27.13		28.3	0.0
100	π/2 BPSK	135	138		26.68		27.8	0.5
100	π/2 BPSK	270	0		26.67			
100	QPSK	1	1		27.32			
100	QPSK	1	137		27.17		28.3	0.0
100	QPSK	1	271		27.29			
100	QPSK	135	0		26.17		27.3	1.0
100	QPSK	135	69		27.11		28.3	0.0
100	QPSK	135	138		26.15		27.3	1.0
100	QPSK	270	0		26.18			
100	16QAM	1	1		26.15		27.3	1.0
100	64QAM	1	1		24.71		25.8	2.5
100	256QAM	1	1		22.63		23.8	4.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	27.26	27.25	27.30	28.3	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	27.30	27.24	27.22	28.3	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	27.23	27.30	27.21	28.3	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	27.23	27.30	27.28	28.3	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	27.26	27.26	27.25	28.3	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	27.21	27.30	27.28	28.3	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	27.30	27.25	27.23	28.3	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	27.24	27.21	27.21	28.3	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	27.22	27.27	27.23	28.3	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	27.24	27.29	27.29	28.3	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	27.29	27.22	27.27	28.3	0.0

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Part96 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	π/2 BPSK	1	1	20.24	20.29	20.27	22.0	0.0
40	π/2 BPSK	1	53	20.08	20.16	20.15		
40	π/2 BPSK	1	104	20.11	20.17	20.09		
40	π/2 BPSK	50	0	20.52	20.56	20.51	21.5	0.5
40	π/2 BPSK	50	28	20.59	20.64	20.55	22.0	0.0
40	π/2 BPSK	50	56	20.25	20.27	20.20	21.5	0.5
40	π/2 BPSK	100	0	20.25	20.29	20.26		
40	QPSK	1	1	20.65	20.72	20.69	22.0	0.0
40	QPSK	1	53	20.12	20.16	20.06		
40	QPSK	1	104	20.08	20.19	20.14		
40	QPSK	50	0	19.82	19.89	19.80	21.0	1.0
40	QPSK	50	28	20.55	20.66	20.56	22.0	0.0
40	QPSK	50	56	19.67	19.77	19.68	21.0	1.0
40	QPSK	100	0	19.92	19.96	19.91		
40	16QAM	1	1	19.13	19.20	19.10	21.0	1.0
40	64QAM	1	1	17.70	17.71	17.63	19.5	2.5
40	256QAM	1	1	16.09	16.14	16.07	17.5	4.5
Channel				637668	641666	645666	Tune-up	MPR
Frequency (MHz)				3565.02	3624.99	3684.99	limit	(dB)
30	QPSK	1	1	20.57	20.69	20.64	22.0	0.0
Channel				637334	641666	646000	Tune-up	MPR
Frequency (MHz)				3560.01	3624.99	3690	limit	(dB)
20	QPSK	1	1	20.61	20.65	20.59	22.0	0.0
Channel				637168	641666	646166	Tune-up	MPR
Frequency (MHz)				3557.52	3624.99	3692.49	limit	(dB)
15	QPSK	1	1	20.56	20.67	20.58	22.0	0.0
Channel				637000	641666	646332	Tune-up	MPR
Frequency (MHz)				3555	3624.99	3694.98	limit	(dB)
10	QPSK	1	1	20.60	20.70	20.68	22.0	0.0

Part27O n77 Ant8 Other PA Default

BW [MHz]	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	π/2 BPSK	1	1	23.25	23.32	23.22	25.0	0.0
100	π/2 BPSK	1	137	23.32	23.36	23.30		
100	π/2 BPSK	1	271	23.23	23.33	23.27		
100	π/2 BPSK	135	0	23.26	23.32	23.28	25.0	0.0
100	π/2 BPSK	135	69	23.25	23.34	23.28	25.0	0.0
100	π/2 BPSK	135	138	23.28	23.38	23.32	25.0	0.0
100	π/2 BPSK	270	0	23.28	23.33	23.24		
100	QPSK	1	1	23.40	23.42	23.37	25.0	0.0
100	QPSK	1	137	23.27	23.32	23.28		
100	QPSK	1	271	23.24	23.33	23.32		
100	QPSK	135	0	23.32	23.37	23.31	25.0	0.0
100	QPSK	135	69	23.29	23.39	23.38	25.0	0.0
100	QPSK	135	138	23.23	23.33	23.22	25.0	0.0
100	QPSK	270	0	23.27	23.37	23.32		
100	16QAM	1	1	23.15	23.21	23.16	25.0	0.0
100	64QAM	1	1	22.62	22.68	22.66	24.5	0.5
100	256QAM	1	1	20.59	20.52	20.54	22.5	2.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	23.32	23.39	23.33	25.0	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	23.31	23.39	23.32	25.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	23.34	23.35	23.32	25.0	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	23.34	23.39	23.35	25.0	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	23.34	23.38	23.28	25.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	23.34	23.33	23.33	25.0	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	23.29	23.38	23.34	25.0	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	23.36	23.33	23.26	25.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	23.32	23.37	23.27	25.0	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	23.37	23.31	23.35	25.0	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	23.32	23.40	23.31	25.0	0.0

Part27O n77 Ant8 Other PA Default PC2

BW [MHz]	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	π/2 BPSK	1	1	24.29	24.26	24.28	26.0	0.0
100	π/2 BPSK	1	137	24.08	24.16	24.17		
100	π/2 BPSK	1	271	24.12	24.15	24.16		
100	π/2 BPSK	135	0	23.77	23.75	23.75	25.5	0.5
100	π/2 BPSK	135	69	24.20	24.20	24.19	26.0	0.0
100	π/2 BPSK	135	138	23.70	23.67	23.62	25.5	0.5
100	π/2 BPSK	270	0	23.66	23.71	23.65		
100	QPSK	1	1	24.19	24.31	24.15	26.0	0.0
100	QPSK	1	137	24.12	24.15	24.07		
100	QPSK	1	271	24.10	24.17	24.13		
100	QPSK	135	0	23.23	23.25	23.22	25.0	1.0
100	QPSK	135	69	24.21	24.25	24.20	26.0	0.0
100	QPSK	135	138	23.14	23.21	23.18	25.0	1.0
100	QPSK	270	0	23.35	23.36	23.30		
100	16QAM	1	1	23.04	23.06	23.04	25.0	1.0
100	64QAM	1	1	21.58	21.62	21.53	23.5	2.5
100	256QAM	1	1	19.52	19.56	19.54	21.5	4.5
Channel				649668	656000	662334	Tune-up	MPR
Frequency (MHz)				3745.02	3840	3935.01	limit	(dB)
90	QPSK	1	1	24.13	24.25	24.05	26.0	0.0
Channel				649334	656000	662668	Tune-up	MPR
Frequency (MHz)				3740.01	3840	3940.02	limit	(dB)
80	QPSK	1	1	24.14	24.21	24.11	26.0	0.0
Channel				649000	656000	663000	Tune-up	MPR
Frequency (MHz)				3735	3840	3945	limit	(dB)
70	QPSK	1	1	24.16	24.27	24.07	26.0	0.0
Channel				648668	656000	663334	Tune-up	MPR
Frequency (MHz)				3730.02	3840	3950.01	limit	(dB)
60	QPSK	1	1	24.16	24.29	24.06	26.0	0.0
Channel				648334	656000	663668	Tune-up	MPR
Frequency (MHz)				3725.01	3840	3955.02	limit	(dB)
50	QPSK	1	1	24.08	24.26	24.10	26.0	0.0
Channel				648000	656000	664000	Tune-up	MPR
Frequency (MHz)				3720	3840	3960	limit	(dB)
40	QPSK	1	1	24.16	24.21	24.11	26.0	0.0
Channel				647668	656000	664334	Tune-up	MPR
Frequency (MHz)				3715.02	3840	3965.01	limit	(dB)
30	QPSK	1	1	24.17	24.29	24.04	26.0	0.0
Channel				647500	656000	664500	Tune-up	MPR
Frequency (MHz)				3712.5	3840	3967.5	limit	(dB)
25	QPSK	1	1	24.12	24.28	24.10	26.0	0.0
Channel				647334	656000	664668	Tune-up	MPR
Frequency (MHz)				3710.01	3840	3970.02	limit	(dB)
20	QPSK	1	1	24.09	24.27	24.08	26.0	0.0
Channel				647168	656000	664834	Tune-up	MPR
Frequency (MHz)				3707.52	3840	3972.51	limit	(dB)
15	QPSK	1	1	24.10	24.27	24.13	26.0	0.0
Channel				647000	656000	665000	Tune-up	MPR
Frequency (MHz)				3705	3840	3975	limit	(dB)
10	QPSK	1	1	24.10	24.30	24.06	26.0	0.0

Part27Q n77 Ant8 Other PA Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.17		25.0	0.0
100	π/2 BPSK	1	137		23.15			
100	π/2 BPSK	1	271		23.10			
100	π/2 BPSK	135	0		23.07		25.0	0.0
100	π/2 BPSK	135	69		23.01		25.0	0.0
100	π/2 BPSK	135	138		23.14		25.0	0.0
100	π/2 BPSK	270	0		23.10			
100	QPSK	1	1		23.28		25.0	0.0
100	QPSK	1	137		23.11			
100	QPSK	1	271		23.14			
100	QPSK	135	0		23.03		25.0	0.0
100	QPSK	135	69		23.19		25.0	0.0
100	QPSK	135	138		23.09		25.0	0.0
100	QPSK	270	0		23.11			
100	16QAM	1	1		23.26		25.0	0.0
100	64QAM	1	1		22.66		24.5	0.5
100	256QAM	1	1		20.55		22.5	2.5
Channel				633000	633334	633668	Tune-up	MPR
Frequency (MHz)				3495	3500.01	3505.02	limit	(dB)
90	QPSK	1	1	23.25	23.24	23.23	25.0	0.0
Channel				632668	633334	634000	Tune-up	MPR
Frequency (MHz)				3490.02	3500.01	3510	limit	(dB)
80	QPSK	1	1	23.25	23.24	23.20	25.0	0.0
Channel				632334	633334	634334	Tune-up	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	limit	(dB)
70	QPSK	1	1	23.26	23.19	23.24	25.0	0.0
Channel				632000	633334	634668	Tune-up	MPR
Frequency (MHz)				3480	3500.01	3520.02	limit	(dB)
60	QPSK	1	1	23.25	23.22	23.23	25.0	0.0
Channel				631668	633334	635000	Tune-up	MPR
Frequency (MHz)				3475.02	3500.01	3525	limit	(dB)
50	QPSK	1	1	23.20	23.22	23.22	25.0	0.0
Channel				631334	633334	635334	Tune-up	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	limit	(dB)
40	QPSK	1	1	23.20	23.19	23.23	25.0	0.0
Channel				631000	633334	635668	Tune-up	MPR
Frequency (MHz)				3465	3500.01	3535.02	limit	(dB)
30	QPSK	1	1	23.22	23.20	23.19	25.0	0.0
Channel				630834	633334	635834	Tune-up	MPR
Frequency (MHz)				3462.51	3500.01	3537.51	limit	(dB)
25	QPSK	1	1	23.22	23.23	23.20	25.0	0.0
Channel				630668	633334	636000	Tune-up	MPR
Frequency (MHz)				3460.02	3500.01	3540	limit	(dB)
20	QPSK	1	1	23.25	23.19	23.23	25.0	0.0
Channel				630500	633334	636168	Tune-up	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	limit	(dB)
15	QPSK	1	1	23.18	23.21	23.24	25.0	0.0
Channel				630334	633334	636334	Tune-up	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	limit	(dB)
10	QPSK	1	1	23.24	23.21	23.24	25.0	0.0

Part27Q n77 Ant8 Other PA Default PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		24.68			
100	π/2 BPSK	1	137		24.41		26.0	0.0
100	π/2 BPSK	1	271		24.26			
100	π/2 BPSK	135	0		24.18		25.5	0.5
100	π/2 BPSK	135	69		24.53		26.0	0.0
100	π/2 BPSK	135	138		24.06		25.5	0.5
100	π/2 BPSK	270	0		24.02			
100	QPSK	1	1		24.76			
100	QPSK	1	137		24.42		26.0	0.0
100	QPSK	1	271		24.22			
100	QPSK	135	0		23.60		25.0	1.0
100	QPSK	135	69		24.58		26.0	0.0
100	QPSK	135	138		23.48		25.0	1.0
100	QPSK	270	0		23.50			
100	16QAM	1	1		23.64		25.0	1.0
100	64QAM	1	1		23.14		23.5	2.5
100	256QAM	1	1		21.12		21.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.68	24.66	24.66	26.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.71	24.72	24.68	26.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.68	24.70	24.69	26.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.65	24.72	24.72	26.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.66	24.67	24.74	26.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.69	24.72	24.68	26.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.72	24.75	24.65	26.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.72	24.66	24.68	26.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.74	24.75	24.65	26.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.67	24.66	24.67	26.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.67	24.72	24.72	26.0	0.0

Part27O n78 Ant8 Other PA Default

BW [MHz]	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	π/2 BPSK	1	1		23.30			
100	π/2 BPSK	1	137		23.05		25.0	0.0
100	π/2 BPSK	1	271		23.01			
100	π/2 BPSK	135	0		23.20		25.0	0.0
100	π/2 BPSK	135	69		23.04		25.0	0.0
100	π/2 BPSK	135	138		23.04		25.0	0.0
100	π/2 BPSK	270	0		23.07			
100	QPSK	1	1		23.37			
100	QPSK	1	137		23.06		25.0	0.0
100	QPSK	1	271		23.09			
100	QPSK	135	0		23.13		25.0	0.0
100	QPSK	135	69		23.24		25.0	0.0
100	QPSK	135	138		23.09		25.0	0.0
100	QPSK	270	0		23.19			
100	16QAM	1	1		23.31		25.0	0.0
100	64QAM	1	1		22.98		24.5	0.5
100	256QAM	1	1		20.75		22.5	2.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.27	23.35	23.35	25.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.33	23.32	23.36	25.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.31	23.33	23.30	25.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.33	23.28	23.26	25.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.29	23.28	23.28	25.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.31	23.30	23.28	25.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.33	23.28	23.30	25.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.33	23.32	23.30	25.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.28	23.30	23.26	25.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.31	23.29	23.29	25.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.31	23.27	23.28	25.0	0.0

Part27O n78 Ant8 Other PA Default PC2

BW [MHz]	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	π/2 BPSK	1	1		24.42			
100	π/2 BPSK	1	137		24.31		26.0	0.0
100	π/2 BPSK	1	271		24.41			
100	π/2 BPSK	135	0		23.88		25.5	0.5
100	π/2 BPSK	135	69		24.31		26.0	0.0
100	π/2 BPSK	135	138		23.79		25.5	0.5
100	π/2 BPSK	270	0		23.91			
100	QPSK	1	1		24.46			
100	QPSK	1	137		24.35		26.0	0.0
100	QPSK	1	271		24.41			
100	QPSK	135	0		23.37		25.0	1.0
100	QPSK	135	69		24.34		26.0	0.0
100	QPSK	135	138		23.34		25.0	1.0
100	QPSK	270	0		23.32			
100	16QAM	1	1		23.50		25.0	1.0
100	64QAM	1	1		22.35		23.5	2.5
100	256QAM	1	1		20.38		21.5	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.42	24.39	24.36	26.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.42	24.42	24.43	26.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.36	24.41	24.36	26.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.36	24.37	24.35	26.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.37	24.44	24.45	26.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.37	24.41	24.43	26.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.42	24.45	24.43	26.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.40	24.39	24.41	26.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.44	24.38	24.36	26.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.42	24.39	24.39	26.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.41	24.39	24.43	26.0	0.0

Part27Q n78 Ant8 Other PA Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.11		25.0	0.0
100	π/2 BPSK	1	137		23.05			
100	π/2 BPSK	1	271		23.09			
100	π/2 BPSK	135	0		23.20		25.0	0.0
100	π/2 BPSK	135	69		23.17		25.0	0.0
100	π/2 BPSK	135	138		23.15		25.0	0.0
100	π/2 BPSK	270	0		23.05			
100	QPSK	1	1		23.31		25.0	0.0
100	QPSK	1	137		23.01			
100	QPSK	1	271		23.07			
100	QPSK	135	0		23.23		25.0	0.0
100	QPSK	135	69		23.25		25.0	0.0
100	QPSK	135	138		23.07		25.0	0.0
100	QPSK	270	0		23.07			
100	16QAM	1	1		23.09		25.0	0.0
100	64QAM	1	1		22.88		24.5	0.5
100	256QAM	1	1		21.40		22.5	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.22	23.30	23.23	25.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.26	23.28	23.29	25.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.27	23.20	23.29	25.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.28	23.20	23.29	25.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.24	23.29	23.25	25.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.27	23.24	23.27	25.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.24	23.21	23.25	25.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.21	23.20	23.27	25.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.27	23.21	23.29	25.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.22	23.21	23.21	25.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.23	23.29	23.25	25.0	0.0

Part27Q n78 Ant8 Other PA Default PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.40		26.0	0.0
100	π/2 BPSK	1	137		25.15			
100	π/2 BPSK	1	271		24.90			
100	π/2 BPSK	135	0		24.80		25.5	0.5
100	π/2 BPSK	135	69		25.13		26.0	0.0
100	π/2 BPSK	135	138		24.69		25.5	0.5
100	π/2 BPSK	270	0		24.62			
100	QPSK	1	1		25.48		26.0	0.0
100	QPSK	1	137		25.17			
100	QPSK	1	271		24.95			
100	QPSK	135	0		24.25		25.0	1.0
100	QPSK	135	69		25.10		26.0	0.0
100	QPSK	135	138		24.14		25.0	1.0
100	QPSK	270	0		24.19			
100	16QAM	1	1		24.36		25.0	1.0
100	64QAM	1	1		22.82		23.5	2.5
100	256QAM	1	1		20.82		21.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.42	25.45	25.43	26.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.39	25.38	25.46	26.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.38	25.39	25.46	26.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3530.02		
60	QPSK	1	1	25.43	25.40	25.41	26.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.43	25.41	25.44	26.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.38	25.37	25.42	26.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.44	25.46	25.41	26.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.42	25.44	25.44	26.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.38	25.39	25.45	26.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.45	25.45	25.37	26.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.37	25.44	25.38	26.0	0.0

Reduced Power Mode for SA DSI 1

n5 Ant0 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	π/2 BPSK	1	1	25.07	25.15	25.14		
20	π/2 BPSK	1	53	25.19	25.22	25.16	25.7	0.0
20	π/2 BPSK	1	104	25.20	25.31	25.27		
20	π/2 BPSK	50	0	24.59	24.69	24.61	25.2	0.5
20	π/2 BPSK	50	28	25.20	25.27	25.19	25.7	0.0
20	π/2 BPSK	50	56	24.61	24.66	24.61	25.2	0.5
20	π/2 BPSK	100	0	24.72	24.81	24.76		
20	QPSK	1	1	25.40	25.42	25.38		
20	QPSK	1	53	25.28	25.38	25.37	25.7	0.0
20	QPSK	1	104	25.36	25.39	25.32		
20	QPSK	50	0	24.20	24.22	24.19	24.7	1.0
20	QPSK	50	28	25.17	25.27	25.26	25.7	0.0
20	QPSK	50	56	24.12	24.18	24.11	24.7	1.0
20	QPSK	100	0	24.31	24.33	24.23		
20	16QAM	1	1	24.08	24.16	24.10	24.7	1.0
20	64QAM	1	1	22.65	22.67	22.64	23.2	2.5
20	256QAM	1	1	20.30	20.40	20.33	21.2	4.5
Channel				166300	167300	168300	Tune-up	MPR
Frequency (MHz)				831.5	836.5	841.5	limit	(dB)
15	QPSK	1	1	25.29	25.38	25.31	25.7	0.0
Channel				165800	167300	168800	Tune-up	MPR
Frequency (MHz)				829	836.5	844	limit	(dB)
10	QPSK	1	1	25.32	25.34	25.29	25.7	0.0
Channel				165300	167500	169300	Tune-up	MPR
Frequency (MHz)				826.5	836.5	846.5	limit	(dB)
5	QPSK	1	1	25.32	25.33	25.27	25.7	0.0

n7 Ant0 Other PA DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	π/2 BPSK	1	1	24.62	24.54	24.56		
40	π/2 BPSK	1	108	24.59	24.65	24.59	25.2	0.0
40	π/2 BPSK	1	214	24.60	24.55	24.60		
40	π/2 BPSK	108	0	24.57	24.58	24.53	25.2	0.0
40	π/2 BPSK	108	54	24.63	24.63	24.67	25.2	0.0
40	π/2 BPSK	108	108	24.53	24.57	24.52	25.2	0.0
40	π/2 BPSK	216	0	24.61	24.65	24.55		
40	QPSK	1	1	24.71	24.77	24.69		
40	QPSK	1	108	24.52	24.64	24.50	25.2	0.0
40	QPSK	1	214	24.66	24.63	24.61		
40	QPSK	108	0	24.10	24.18	24.09	24.7	0.5
40	QPSK	108	54	24.65	24.72	24.61	25.2	0.0
40	QPSK	108	108	24.02	24.12	24.03	24.7	0.5
40	QPSK	216	0	24.13	24.21	24.20		
40	16QAM	1	1	24.23	24.25	24.21	24.7	0.5
40	64QAM	1	1	22.58	22.65	22.59	23.2	2.0
40	256QAM	1	1	20.61	20.63	20.58	21.2	4.0
Channel				503500	507000	510500	Tune-up	MPR
Frequency (MHz)				2517.5	2535	2552.5	limit	(dB)
35	QPSK	1	1	24.65	24.75	24.67	25.2	0.0
Channel				503000	507000	511000	Tune-up	MPR
Frequency (MHz)				2515	2535	2555	limit	(dB)
30	QPSK	1	1	24.66	24.69	24.65	25.2	0.0
Channel				502500	507000	511500	Tune-up	MPR
Frequency (MHz)				2512.5	2535	2557.5	limit	(dB)
25	QPSK	1	1	24.69	24.75	24.68	25.2	0.0
Channel				502000	507000	512000	Tune-up	MPR
Frequency (MHz)				2510	2535	2560	limit	(dB)
20	QPSK	1	1	24.60	24.72	24.62	25.2	0.0
Channel				501500	507000	512500	Tune-up	MPR
Frequency (MHz)				2507.5	2535	2562.5	limit	(dB)
15	QPSK	1	1	24.67	24.72	24.68	25.2	0.0
Channel				501000	507000	513000	Tune-up	MPR
Frequency (MHz)				2505	2535	2565	limit	(dB)
10	QPSK	1	1	24.62	24.67	24.63	25.2	0.0
Channel				500500	507000	513500	Tune-up	MPR
Frequency (MHz)				2502.5	2535	2567.5	limit	(dB)
5	QPSK	1	1	24.65	24.75	24.68	25.2	0.0

n12 Ant0 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	π/2 BPSK	1	1	25.10	25.15	25.08		
15	π/2 BPSK	1	40	24.99	25.07	24.99	25.7	0.0
15	π/2 BPSK	1	77	25.04	25.12	25.02		
15	π/2 BPSK	36	0	24.45	24.51	24.46	25.2	0.5
15	π/2 BPSK	36	22	25.06	25.11	25.06	25.7	0.0
15	π/2 BPSK	36	43	24.39	24.45	24.43	25.2	0.5
15	π/2 BPSK	75	0	24.46	24.54	24.53		
15	QPSK	1	1	25.14	25.17	25.16		
15	QPSK	1	40	24.95	25.02	24.92	25.7	0.0
15	QPSK	1	77	25.09	25.15	25.09		
15	QPSK	36	0	23.95	24.01	23.90	24.7	1.0
15	QPSK	36	22	25.01	25.10	25.05	25.7	0.0
15	QPSK	36	43	24.01	24.02	24.00	24.7	1.0
15	QPSK	75	0	23.87	23.95	23.91		
15	16QAM	1	1	23.99	24.07	24.06	24.7	1.0
15	64QAM	1	1	22.42	22.49	22.41	23.2	2.5
15	256QAM	1	1	20.50	20.52	20.49	21.2	4.5
Channel				140800	141500	142200	Tune-up	MPR
Frequency (MHz)				704	707.5	711	limit	(dB)
10	QPSK	1	1	25.12	25.15	25.07	25.7	0.0
Channel				140300	141500	142700	Tune-up	MPR
Frequency (MHz)				701.5	707.5	713.5	limit	(dB)
5	QPSK	1	1	25.06	25.14	25.14	25.7	0.0

n26 Ant0 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	Pi/2 BPSK	1	1	25.16	25.26	25.19	25.7	0.0
20	Pi/2 BPSK	1	53	25.28	25.23	25.23		
20	Pi/2 BPSK	1	104	25.26	25.42	25.34		
20	Pi/2 BPSK	50	0	24.64	24.74	24.64	25.2	0.5
20	Pi/2 BPSK	50	28	25.25	25.36	25.27	25.7	0.0
20	Pi/2 BPSK	50	56	24.72	24.68	24.64	25.2	0.5
20	Pi/2 BPSK	100	0	24.79	24.86	24.84		
20	QPSK	1	1	25.36	25.44	25.43	25.7	0.0
20	QPSK	1	53	25.29	25.39	25.42		
20	QPSK	1	104	25.38	25.37	25.37		
20	QPSK	50	0	24.30	24.30	24.25	24.7	1.0
20	QPSK	50	28	25.18	25.37	25.32	25.7	0.0
20	QPSK	50	56	24.17	24.28	24.18	24.7	1.0
20	QPSK	100	0	24.35	24.38	24.34		
20	16QAM	1	1	24.14	24.22	24.18	24.7	1.0
20	64QAM	1	1	22.72	22.73	22.66	23.2	2.5
20	256QAM	1	1	20.41	20.42	20.35	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				823.5	831.5	841.5		
15	QPSK	1	1	25.31	25.43	25.37	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.34	25.38	25.33	25.7	0.0
Channel				163350	166350	169350	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.30	25.36	25.32	25.7	0.0

n66 Ant0 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	18.68	18.59	18.60	20.2	0.0
40	Pi/2 BPSK	1	108	18.65	18.69	18.58		
40	Pi/2 BPSK	1	214	18.65	18.64	18.68		
40	Pi/2 BPSK	108	0	18.65	18.71	18.66	20.2	0.0
40	Pi/2 BPSK	108	54	18.65	18.63	18.73	20.2	0.0
40	Pi/2 BPSK	108	108	18.64	18.63	18.55	20.2	0.0
40	Pi/2 BPSK	216	0	18.70	18.66	18.58		
40	QPSK	1	1	18.70	18.75	18.70	20.2	0.0
40	QPSK	1	108	18.62	18.65	18.57		
40	QPSK	1	214	18.60	18.68	18.63		
40	QPSK	108	0	18.62	18.69	18.61	20.2	0.0
40	QPSK	108	54	18.65	18.73	18.72	20.2	0.0
40	QPSK	108	108	18.65	18.67	18.63	20.2	0.0
40	QPSK	216	0	18.62	18.72	18.55		
40	16QAM	1	1	18.57	18.65	18.66	20.2	0.0
40	64QAM	1	1	18.70	18.65	18.67	20.2	0.0
40	256QAM	1	1	17.90	18.01	17.92	19.7	0.5
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.64	18.72	18.66	20.2	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.68	18.65	18.68	20.2	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.60	18.66	18.60	20.2	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.59	18.72	18.64	20.2	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.69	18.64	18.67	20.2	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.62	18.73	18.62	20.2	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.67	18.72	18.67	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	25.31	25.35	25.34	25.7	0.0
40	Pi/2 BPSK	1	53	25.26	25.31	25.23		
40	Pi/2 BPSK	1	104	25.20	25.28	25.25		
40	Pi/2 BPSK	50	0	24.93	24.97	24.94	25.2	0.5
40	Pi/2 BPSK	50	28	25.21	25.31	25.24	25.7	0.0
40	Pi/2 BPSK	50	56	24.69	24.78	24.72	25.2	0.5
40	Pi/2 BPSK	100	0	25.04	25.05	24.99		
40	QPSK	1	1	24.97	25.05	24.97	25.7	0.0
40	QPSK	1	53	24.68	24.74	24.73		
40	QPSK	1	104	25.01	25.11	25.10		
40	QPSK	50	0	24.01	24.11	24.06	24.7	1.0
40	QPSK	50	28	24.73	24.81	24.78	25.7	0.0
40	QPSK	50	56	24.09	24.14	24.04	24.7	1.0
40	QPSK	100	0	24.15	24.25	24.15		
40	16QAM	1	1	24.33	24.38	24.33	24.7	1.0
40	64QAM	1	1	23.05	23.07	22.97	23.2	2.5
40	256QAM	1	1	20.94	21.03	21.00	21.2	4.5
Channel				517002	519000	520998	Tune-up	MPR
Frequency (MHz)				2585.01	2595	2604.99	limit	(dB)
30	Pi/2 BPSK	1	1	25.20	25.33	25.23	25.7	0.0
Channel				516504	519000	521496	Tune-up	MPR
Frequency (MHz)				2582.52	2595	2607.48	limit	(dB)
25	Pi/2 BPSK	1	1	25.24	25.26	25.24	25.7	0.0
Channel				516002	519000	522000	Tune-up	MPR
Frequency (MHz)				2580	2595	2610	limit	(dB)
20	Pi/2 BPSK	1	1	25.25	25.28	25.33	25.7	0.0
Channel				515502	519000	522498	Tune-up	MPR
Frequency (MHz)				2577.51	2595	2612.49	limit	(dB)
15	Pi/2 BPSK	1	1	25.28	25.33	25.30	25.7	0.0
Channel				515004	519000	522996	Tune-up	MPR
Frequency (MHz)				2575.02	2595	2614.98	limit	(dB)
10	Pi/2 BPSK	1	1	25.29	25.26	25.26	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	25.27	25.31	25.25	25.7	0.0
100	Pi/2 BPSK	1	137	25.06	25.08	24.97		
100	Pi/2 BPSK	1	271	25.10	25.15	25.05		
100	Pi/2 BPSK	135	0	24.87	24.98	24.95	25.2	0.5
100	Pi/2 BPSK	135	69	25.05	25.07	25.06	25.7	0.0
100	Pi/2 BPSK	135	138	24.92	24.94	24.87	25.2	0.5
100	Pi/2 BPSK	270	0	24.87	24.95	24.86		
100	QPSK	1	1	25.00	25.07	25.00	25.7	0.0
100	QPSK	1	137	24.96	25.01	24.91		
100	QPSK	1	271	25.01	25.05	24.97		
100	QPSK	135	0	24.45	24.51	24.46	24.7	1.0
100	QPSK	135	69	24.95	25.04	24.93	25.7	0.0
100	QPSK	135	138	24.52	24.59	24.51	24.7	1.0
100	QPSK	270	0	24.39	24.48	24.38		
100	16QAM	1	1	24.50	24.58	24.49	24.7	1.0
100	64QAM	1	1	22.99	23.01	22.99	23.2	2.5
100	256QAM	1	1	20.92	21.00	20.98	21.2	4.5
Channel				508200	518598	528996	Tune-up	MPR
Frequency (MHz)				2541	2592.99	2644.98	limit	(dB)
90	Pi/2 BPSK	1	1	25.19	25.28	25.17	25.7	0.0
Channel				507204	518598	529998	Tune-up	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	limit	(dB)
80	Pi/2 BPSK	1	1	25.25	25.26	25.20	25.7	0.0
Channel				506202	518598	531000	Tune-up	MPR
Frequency (MHz)				2531.01	2592.99	2655	limit	(dB)
70	Pi/2 BPSK	1	1	25.21	25.29	25.18	25.7	0.0
Channel				505200	518598	531996	Tune-up	MPR
Frequency (MHz)				2526	45.67	2659.98	limit	(dB)
60	Pi/2 BPSK	1	1	25.24	25.22	25.22	25.7	0.0
Channel				504204	518598	532998	Tune-up	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	limit	(dB)
50	Pi/2 BPSK	1	1	25.20	25.23	25.16	25.7	0.0
Channel				503202	518598	534000	Tune-up	MPR
Frequency (MHz)				2516.01	2592.99	2670	limit	(dB)
40	Pi/2 BPSK	1	1	25.18	25.23	25.19	25.7	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
30	Pi/2 BPSK	1	1	25.24	25.24	25.20	25.7	0.0
Channel				502200	518598	534996	Tune-up	MPR
Frequency (MHz)				2511	2592.99	2674.98	limit	(dB)
25	Pi/2 BPSK	1	1	25.19	25.26	25.19	25.7	0.0
Channel				501204	518598	535998	Tune-up	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	limit	(dB)
20	Pi/2 BPSK	1	1	25.22	25.21	25.20	25.7	0.0
Channel				500700	518598	536496	Tune-up	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	limit	(dB)
15	Pi/2 BPSK	1	1	25.18	25.23	25.19	25.7	0.0
Channel				500202	518598	537000	Tune-up	MPR
Frequency (MHz)				2501.01	2592.99	2685	limit	(dB)
10	Pi/2 BPSK	1	1	25.18	25.25	25.23	25.7	0.0