Full&Default Power Modefor LTE Band 42 DSI10 Part 96

LTE Band 42 Default

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	20.69	20.77	20.67	22	0
20	QPSK	1	49	20.63	20.75	20.66		
20	QPSK	1	99	20.69	20.65	20.70		
20	QPSK	50	0	19.95	20.12	20.02	21	1
20	QPSK	50	24	19.98	20.05	20.05		
20	QPSK	50	50	20.02	20.11	19.99		
20	QPSK	100	0	20.09	20.11	20.09		
20	16QAM	1	0	20.00	20.01	20.12	21	1
20	16QAM	1	49	20.00	19.96	20.08		
20	16QAM	1	99	20.00	20.01	19.92		
20	16QAM	50	0	19.21	19.15	18.98	20	2
20	16QAM	50	24	19.16	19.13	18.98		
20	16QAM	50	50	19.13	18.97	19.11		
20	16QAM	100	0	19.07	18.98	19.15		
20	64QAM	1	0	18.98	19.15	18.98	20	2
20	64QAM	1	49	19.17	19.17	19.13		
20	64QAM	1	99	19.14	19.00	19.01		
20	64QAM	50	0	17.99	17.99	17.98	19	3
20	64QAM	50	24	18.15	18.14	18.00		
20	64QAM	50	50	18.01	18.02	18.15		
20	64QAM	100	0	18.16	17.98	18.01		
20	256QAM	1	0	16.02	16.17	16.11	17	5
20	256QAM	1	49	16.14	16.06	16.23		
20	256QAM	1	99	16.15	16.18	16.02		
20	256QAM	50	0	16.06	16.10	16.18	17	5
20	256QAM	50	24	16.19	16.08	16.06		
20	256QAM	50	50	16.18	16.15	16.10		
20	256QAM	100	0	16.03	16.13	16.17		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	20.55	20.74	20.56	22	0
15	QPSK	1	37	20.60	20.54	20.56		
15	QPSK	1	74	20.68	20.63	20.65		
15	QPSK	36	0	19.75	19.94	19.99	21	1
15	QPSK	36	20	19.90	19.88	19.96		
15	QPSK	36	39	20.01	20.09	19.98		
15	QPSK	75	0	20.07	20.10	19.92		
15	16QAM	1	0	19.89	19.92	19.99	21	1
15	16QAM	1	37	19.99	19.85	20.04		
15	16QAM	1	74	19.97	19.94	19.81		
15	16QAM	36	0	19.21	19.10	18.91	20	2
15	16QAM	36	20	19.06	18.99	18.98		
15	16QAM	36	39	19.13	18.89	19.06		
15	16QAM	75	0	19.05	18.91	19.10		
15	64QAM	1	0	18.93	19.10	18.82	20	2
15	64QAM	1	37	19.13	19.15	19.11		
15	64QAM	1	74	19.10	19.00	18.81		
15	64QAM	36	0	17.93	17.98	17.98	19	3
15	64QAM	36	20	18.11	18.14	17.87		
15	64QAM	36	39	17.87	17.88	18.15		
15	64QAM	75	0	18.00	17.81	17.93		
15	256QAM	1	0	15.89	15.96	15.93	17	5
15	256QAM	1	37	15.93	15.99	16.07		
15	256QAM	1	74	16.14	16.05	15.89		
15	256QAM	36	0	16.05	16.10	15.97	17	5
15	256QAM	36	20	16.02	15.90	15.96		
15	256QAM	36	39	16.11	16.02	16.02		
15	256QAM	75	0	15.99	16.05	16.14		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	20.61	20.56	20.69	22	0
10	QPSK	1	25	20.44	20.74	20.60		
10	QPSK	1	49	20.58	20.58	20.61		
10	QPSK	25	0	19.90	20.10	19.87	21	1
10	QPSK	25	12	19.83	19.99	19.97		
10	QPSK	25	25	19.92	19.99	19.86		
10	QPSK	50	0	20.02	19.96	19.94		
10	16QAM	1	0	19.90	19.84	19.94	21	1
10	16QAM	1	25	20.00	19.75	19.99		
10	16QAM	1	49	20.00	19.91	19.87		
10	16QAM	25	0	19.03	19.06	18.92	20	2
10	16QAM	25	12	19.03	19.01	18.92		
10	16QAM	25	25	19.05	18.98	18.94		
10	16QAM	50	0	18.91	18.80	19.08		
10	64QAM	1	0	18.88	19.11	18.98	20	2
10	64QAM	1	25	19.14	19.08	19.11		
10	64QAM	1	49	19.12	18.98	18.82		
10	64QAM	25	0	17.88	17.91	17.99	19	3
10	64QAM	25	12	18.16	18.05	17.98		
10	64QAM	25	25	17.94	17.90	17.95		
10	64QAM	50	0	18.08	17.88	17.81		
10	256QAM	1	0	15.99	16.09	16.09	17	5
10	256QAM	1	25	16.11	15.86	16.16		
10	256QAM	1	49	15.98	16.09	15.87		
10	256QAM	25	0	16.08	15.91	16.17	17	5
10	256QAM	25	12	16.11	15.94	16.03		
10	256QAM	25	25	16.14	16.08	15.89		
10	256QAM	50	0	15.99	15.96	16.12		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	20.67	20.73	20.45	22	0
5	QPSK	1	12	20.55	20.62	20.46		
5	QPSK	1	24	20.64	20.48	20.67		
5	QPSK	12	0	19.89	20.06	19.97	21	1
5	QPSK	12	7	19.97	19.96	19.94		
5	QPSK	12	13	20.04	20.05	19.95		
5	QPSK	25	0	19.92	20.11	19.98		
5	16QAM	1	0	19.92	19.80	19.95	21	1
5	16QAM	1	12	19.98	19.89	20.04		
5	16QAM	1	24	19.84	19.82	19.78		
5	16QAM	12	0	19.00	19.14	18.91	20	2
5	16QAM	12	7	19.08	18.92	18.92		
5	16QAM	12	13	18.94	18.93	18.90		
5	16QAM	25	0	18.91	18.85	18.98		
5	64QAM	1	0	18.81	19.15	18.85	20	2
5	64QAM	1	12	18.97	19.12	19.00		
5	64QAM	1	24	19.03	18.96	18.82		
5	64QAM	12	0	17.81	17.89	17.99	19	3
5	64QAM	12	7	18.07	18.10	17.82		
5	64QAM	12	13	17.92	17.86	17.95		
5	64QAM	25	0	18.01	17.95	17.97		
5	256QAM	1	0	15.83	16.06	16.11	17	5
5	256QAM	1	12	16.09	15.87	16.24		
5	256QAM	1	24	15.98	16.11	16.02		
5	256QAM	12	0	16.06	15.90	16.02	17	5
5	256QAM	12	7	16.08	15.94	15.88		
5	256QAM	12	13	16.08	16.15	15.91		
5	256QAM	25	0	15.90	16.12	15.97		

LTE Band 42 Default

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.12	22.23	22.15	23	0
20	QPSK	1	49	22.05	22.13	22.17		
20	QPSK	1	99	22.10	22.15	22.13		
20	QPSK	50	0	22.13	22.21	22.17	23	0
20	QPSK	50	24	22.07	21.95	22.08		
20	QPSK	50	50	22.05	22.04	22.14		
20	QPSK	100	0	22.11	22.20	22.15		
20	16QAM	1	0	21.29	21.50	21.49	22	1
20	16QAM	1	49	21.31	21.30	21.49		
20	16QAM	1	99	21.32	21.30	21.40		
20	16QAM	50	0	20.60	20.63	20.40	21	2
20	16QAM	50	24	20.60	20.58	20.35		
20	16QAM	50	50	20.55	20.46	20.40		
20	16QAM	100	0	20.48	20.42	20.51		
20	64QAM	1	0	20.46	20.53	20.35	21	2
20	64QAM	1	49	20.54	20.61	20.58		
20	64QAM	1	99	20.55	20.30	20.35		
20	64QAM	50	0	19.45	19.35	19.44	20	3
20	64QAM	50	24	19.45	19.60	19.38		
20	64QAM	50	50	19.41	19.47	19.58		
20	64QAM	100	0	19.46	19.35	19.47		
20	256QAM	1	0	17.35	17.45	17.53	18	5
20	256QAM	1	49	17.59	17.47	17.57		
20	256QAM	1	99	17.55	17.65	17.34		
20	256QAM	50	0	17.53	17.60	17.55	18	5
20	256QAM	50	24	17.68	17.58	17.36		
20	256QAM	50	50	17.54	17.46	17.39		
20	256QAM	100	0	17.32	17.54	17.57		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.01	22.09	22.00	23	0
15	QPSK	1	37	21.95	22.21	21.98		
15	QPSK	1	74	21.99	21.95	21.95		
15	QPSK	36	0	22.11	22.09	22.01	23	0
15	QPSK	36	20	22.03	21.84	22.01		
15	QPSK	36	39	21.95	21.84	22.01		
15	QPSK	75	0	21.93	22.07	22.03		
15	16QAM	1	0	21.20	21.34	21.47	22	1
15	16QAM	1	37	21.25	21.31	21.29		
15	16QAM	1	74	21.14	21.23	21.31		
15	16QAM	36	0	20.59	20.58	20.21	21	2
15	16QAM	36	20	20.58	20.44	20.13		
15	16QAM	36	39	20.38	20.26	20.19		
15	16QAM	75	0	20.48	20.35	20.34		
15	64QAM	1	0	20.32	20.51	20.27	21	2
15	64QAM	1	37	20.43	20.55	20.60		
15	64QAM	1	74	20.49	20.28	20.32		
15	64QAM	36	0	19.35	19.31	19.43	20	3
15	64QAM	36	20	19.47	19.58	19.18		
15	64QAM	36	39	19.30	19.26	19.58		
15	64QAM	75	0	19.32	19.22	19.37		
15	256QAM	1	0	17.28	17.45	17.52	18	5
15	256QAM	1	37	17.40	17.47	17.42		
15	256QAM	1	74	17.39	17.56	17.35		
15	256QAM	36	0	17.45	17.40	17.38	18	5
15	256QAM	36	20	17.57	17.38	17.17		
15	256QAM	36	39	17.48	17.29	17.26		
15	256QAM	75	0	17.19	17.41	17.49		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.11	22.15	22.08	23	0
10	QPSK	1	25	22.05	21.92	22.01		
10	QPSK	1	49	22.01	22.13	21.97		
10	QPSK	25	0	22.03	22.11	22.07	23	0
10	QPSK	25	12	22.05	21.76	21.92		
10	QPSK	25	25	21.84	21.93	22.07		
10	QPSK	50	0	22.01	22.09	22.04		
10	16QAM	1	0	21.30	21.49	21.35	22	1
10	16QAM	1	25	21.14	21.26	21.45		
10	16QAM	1	49	21.11	21.25	21.31		
10	16QAM	25	0	20.53	20.58	20.19	21	2
10	16QAM	25	12	20.39	20.53	20.37		
10	16QAM	25	25	20.41	20.31	20.23		
10	16QAM	50	0	20.34	20.20	20.32		
10	64QAM	1	0	20.34	20.53	20.35	21	2
10	64QAM	1	25	20.33	20.45	20.58		
10	64QAM	1	49	20.33	20.10	20.35		
10	64QAM	25	0	19.25	19.14	19.30	20	3
10	64QAM	25	12	19.30	19.38	19.20		
10	64QAM	25	25	19.32	19.36	19.43		
10	64QAM	50	0	19.36	19.32	19.45		
10	256QAM	1	0	17.23	17.30	17.44	18	5
10	256QAM	1	25	17.43	17.41	17.57		
10	256QAM	1	49	17.37	17.45	17.14		
10	256QAM	25	0	17.44	17.58	17.47	18	5
10	256QAM	25	12	17.49	17.41	17.36		
10	256QAM	25	25	17.42	17.43	17.39		
10	256QAM	50	0	17.28	17.52	17.38		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.97	22.09	22.01	23	0
5	QPSK	1	12	22.02	22.14	22.15		
5	QPSK	1	24	22.03	22.05	22.14		
5	QPSK	12	0	22.01	22.09	22.09	23	0
5	QPSK	12	7	21.90	21.82	21.97		
5	QPSK	12	13	21.98	21.90	22.07		
5	QPSK	25	0	21.95	22.15	22.13		
5	16QAM	1	0	21.29	21.37	21.46	22	1
5	16QAM	1	12	21.20	21.14	21.40		
5	16QAM	1	24	21.33	21.31	21.37		
5	16QAM	12	0	20.59	20.64	20.41	21	2
5	16QAM	12	7	20.44	20.42	20.24		
5	16QAM	12	13	20.44	20.46	20.27		
5	16QAM	25	0	20.39	20.40	20.53		
5	64QAM	1	0	20.28	20.38	20.32	21	2
5	64QAM	1	12	20.36	20.55	20.46		
5	64QAM	1	24	20.54	20.20	20.22		
5	64QAM	12	0	19.44	19.15	19.43	20	3
5	64QAM	12	7	19.40	19.40	19.36		
5	64QAM	12	13	19.26	19.28	19.49		
5	64QAM	25	0	19.32	19.15	19.37		
5	256QAM	1	0	17.24	17.25	17.55	18	5
5	256QAM	1	12	17.60	17.48	17.50		
5	256QAM	1	24	17.43	17.53	17.33		
5	256QAM	12	0	17.37	17.59	17.55	18	5
5	256QAM	12	7	17.52	17.56	17.24		
5	256QAM	12	13	17.44	17.44	17.25		
5	256QAM	25	0	17.26	17.53	17.44		

LTE Band 42 Default

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	23.09	23.27	23.03	24	0
20	QPSK	1	49	22.91	23.09	22.99		
20	QPSK	1	99	23.01	23.20	23.06		
20	QPSK	50	0	23.11	23.25	22.90	24	0
20	QPSK	50	24	22.96	23.22	23.09		
20	QPSK	50	50	23.10	23.24	23.00		
20	QPSK	100	0	23.12	23.24	22.96		
20	16QAM	1	0	22.92	23.25	22.92	24	0
20	16QAM	1	49	22.91	23.18	23.06		
20	16QAM	1	99	23.04	23.08	22.92		
20	16QAM	50	0	22.22	22.34	22.19	23	1
20	16QAM	50	24	22.04	22.27	22.14		
20	16QAM	50	50	22.17	22.37	22.01		
20	16QAM	100	0	22.06	22.34	22.12		
20	64QAM	1	0	22.18	22.30	22.06	23	1
20	64QAM	1	49	22.12	22.20	22.11		
20	64QAM	1	99	22.19	22.15	21.97		
20	64QAM	50	0	21.14	21.29	21.07	22	2
20	64QAM	50	24	21.20	21.25	21.20		
20	64QAM	50	50	21.14	21.22	21.19		
20	64QAM	100	0	21.22	21.34	21.20		
20	256QAM	1	0	19.02	19.38	19.15	20	4
20	256QAM	1	49	19.22	19.22	19.09		
20	256QAM	1	99	19.04	19.17	19.13		
20	256QAM	50	0	19.21	19.14	19.01	20	4
20	256QAM	50	24	19.07	19.29	19.06		
20	256QAM	50	50	19.21	19.27	19.07		
20	256QAM	100	0	19.07	19.26	19.13		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.81	23.17	22.87	24	0
15	QPSK	1	37	22.70	22.93	22.85		
15	QPSK	1	74	22.90	23.02	23.06		
15	QPSK	36	0	22.95	23.18	22.78	24	0
15	QPSK	36	20	22.87	23.02	22.87		
15	QPSK	36	39	22.92	23.21	22.86		
15	QPSK	75	0	22.99	23.09	22.84		
15	16QAM	1	0	22.77	23.15	22.75	24	0
15	16QAM	1	37	22.82	23.13	23.00		
15	16QAM	1	74	23.02	22.92	22.74		
15	16QAM	36	0	22.12	22.26	22.05	23	1
15	16QAM	36	20	22.03	22.20	22.04		
15	16QAM	36	39	22.00	22.25	21.98		
15	16QAM	75	0	22.02	22.28	22.05		
15	64QAM	1	0	22.06	22.27	21.86	23	1
15	64QAM	1	37	22.05	22.07	21.89		
15	64QAM	1	74	22.18	21.94	21.96		
15	64QAM	36	0	21.05	21.17	20.93	22	2
15	64QAM	36	20	21.15	21.15	21.02		
15	64QAM	36	39	21.00	21.16	21.06		
15	64QAM	75	0	21.06	21.33	21.15		
15	256QAM	1	0	18.89	19.26	19.05	20	4
15	256QAM	1	37	19.19	19.15	18.91		
15	256QAM	1	74	18.88	18.97	19.01		
15	256QAM	36	0	19.20	19.11	18.98	20	4
15	256QAM	36	20	18.98	19.08	19.05		
15	256QAM	36	39	19.00	19.19	18.99		
15	256QAM	75	0	18.97	19.17	19.07		
Channel				43160	43340	43520	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.92	23.22	22.92	24	0
10	QPSK	1	25	22.92	23.10	22.99		
10	QPSK	1	49	22.98	23.12	22.85		
10	QPSK	25	0	23.06	23.26	22.80	24	0
10	QPSK	25	12	22.85	23.11	22.99		
10	QPSK	25	25	23.08	23.14	22.94		
10	QPSK	50	0	23.03	23.07	22.76		
10	16QAM	1	0	22.75	23.16	22.84	24	0
10	16QAM	1	25	22.78	23.17	22.88		
10	16QAM	1	49	22.85	23.04	22.75		
10	16QAM	25	0	22.04	22.13	22.09	23	1
10	16QAM	25	12	21.98	22.10	22.04		
10	16QAM	25	25	21.97	22.38	21.97		
10	16QAM	50	0	22.08	22.13	21.99		
10	64QAM	1	0	22.13	22.20	21.93	23	1
10	64QAM	1	25	22.14	22.08	22.02		
10	64QAM	1	49	22.01	21.94	21.85		
10	64QAM	25	0	21.12	21.27	20.93	22	2
10	64QAM	25	12	21.11	21.03	21.16		
10	64QAM	25	25	20.95	21.16	21.12		
10	64QAM	50	0	21.03	21.21	21.18		
10	256QAM	1	0	19.03	19.26	19.14	20	4
10	256QAM	1	25	19.01	19.15	18.98		
10	256QAM	1	49	18.96	19.00	18.96		
10	256QAM	25	0	19.20	19.01	18.99	20	4
10	256QAM	25	12	18.89	19.25	18.94		
10	256QAM	25	25	19.08	19.10	18.88		
10	256QAM	50	0	18.85	19.04	19.05		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	22.82	23.09	22.94	24	0
5	QPSK	1	12	22.84	23.09	22.80		
5	QPSK	1	24	23.03	23.20	22.86		
5	QPSK	12	0	23.02	23.05	22.91	24	0
5	QPSK	12	7	22.84	23.08	23.10		
5	QPSK	12	13	23.10	23.04	22.86		
5	QPSK	25	0	23.00	23.06	22.76		
5	16QAM	1	0	22.93	23.08	22.82	24	0
5	16QAM	1	12	22.71	23.04	22.96		
5	16QAM	1	24	22.83	23.00	22.79		
5	16QAM	12	0	22.11	22.23	22.00	23	1
5	16QAM	12	7	21.99	22.11	21.94		
5	16QAM	12	13	22.14	22.18	21.81		
5	16QAM	25	0	21.90	22.13	22.13		
5	64QAM	1	0	22.14	22.18	21.89	23	1
5	64QAM	1	12	22.01	21.99	22.09		
5	64QAM	1	24	22.14	21.95	21.80		
5	64QAM	12	0	21.12	21.15	20.89	22	2
5	64QAM	12	7	21.06	21.18	21.16		
5	64QAM	12	13	20.92	21.16	21.16		
5	64QAM	25	0	21.04	21.30	20.98		
5	256QAM	1	0	18.89	19.27	19.01	20	4
5	256QAM	1	12	19.20	19.07	19.09		
5	256QAM	1	24	19.03	19.02	19.14		
5	256QAM	12	0	19.08	19.01	19.02	20	4
5	256QAM	12	7	19.04	19.18	19.03		
5	256QAM	12	13	19.12	19.27	18.99		
5	256QAM	25	0	19.01	19.08	19.08		

LTE Band 42 Default

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.06	22.16	22.12	23	0
20	QPSK	1	49	22.14	22.07	22.06		
20	QPSK	1	99	21.99	22.07	21.98		
20	QPSK	50	0	21.99	22.14	22.08	23	0
20	QPSK	50	24	21.88	21.97	22.02		
20	QPSK	50	50	21.93	21.97	21.88		
20	QPSK	100	0	21.87	22.03	21.94		
20	16QAM	1	0	20.96	21.13	21.18	22	1
20	16QAM	1	49	21.15	21.18	21.14		
20	16QAM	1	99	21.03	21.05	21.04		
20	16QAM	50	0	20.00	20.22	20.15	21	2
20	16QAM	50	24	19.98	20.26	20.17		
20	16QAM	50	50	20.12	20.14	20.19		
20	16QAM	100	0	20.04	20.27	20.10		
20	64QAM	1	0	20.03	20.13	20.02	21	2
20	64QAM	1	49	19.97	20.27	20.17		
20	64QAM	1	99	20.05	20.15	20.05		
20	64QAM	50	0	19.11	19.10	19.02	20	3
20	64QAM	50	24	19.02	19.15	19.00		
20	64QAM	50	50	19.05	19.07	19.01		
20	64QAM	100	0	19.02	19.06	19.06		
20	256QAM	1	0	19.08	19.18	19.06	20	3
20	256QAM	1	49	19.13	19.22	19.20		
20	256QAM	1	99	19.16	19.15	19.12		
20	256QAM	50	0	19.14	19.04	19.16	20	3
20	256QAM	50	24	19.02	19.27	19.15		
20	256QAM	50	50	19.11	19.20	19.00		
20	256QAM	100	0	18.99	19.13	18.99		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	21.95	21.99	22.04	23	0
15	QPSK	1	37	22.04	21.90	22.07		
15	QPSK	1	74	21.95	22.01	21.94		
15	QPSK	36	0	21.84	22.02	22.01	23	0
15	QPSK	36	20	21.84	21.78	21.84		
15	QPSK	36	39	21.92	21.85	21.75		
15	QPSK	75	0	21.67	22.05	21.76		
15	16QAM	1	0	20.90	21.08	21.01	22	1
15	16QAM	1	37	21.15	21.09	21.07		
15	16QAM	1	74	20.85	21.05	20.91		
15	16QAM	36	0	19.99	20.05	20.11	21	2
15	16QAM	36	20	19.89	20.11	20.07		
15	16QAM	36	39	20.12	20.06	20.05		
15	16QAM	75	0	19.88	20.25	19.97		
15	64QAM	1	0	19.86	20.08	19.92	21	2
15	64QAM	1	37	19.87	20.14	19.98		
15	64QAM	1	74	19.92	20.07	19.97		
15	64QAM	36	0	18.98	19.05	18.86	20	3
15	64QAM	36	20	19.00	18.99	18.80		
15	64QAM	36	39	19.04	19.09	18.92		
15	64QAM	75	0	18.87	19.05	18.99		
15	256QAM	1	0	19.04	18.99	19.03	20	3
15	256QAM	1	37	18.99	19.17	18.99		
15	256QAM	1	74	19.13	19.03	19.10		
15	256QAM	36	0	18.94	19.05	19.14	20	3
15	256QAM	36	20	18.87	19.22	19.08		
15	256QAM	36	39	18.92	19.09	18.91		
15	256QAM	75	0	19.00	18.94	18.82		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	21.90	22.15	21.95	23	0
10	QPSK	1	25	22.04	21.97	21.87		
10	QPSK	1	49	21.82	21.94	21.97		
10	QPSK	25	0	21.96	21.94	21.99	23	0
10	QPSK	25	12	21.68	21.83	21.98		
10	QPSK	25	25	21.73	21.80	21.80		
10	QPSK	50	0	21.76	22.03	21.86		
10	16QAM	1	0	20.81	21.07	21.09	22	1
10	16QAM	1	25	21.16	21.10	21.00		
10	16QAM	1	49	21.00	21.00	21.00		
10	16QAM	25	0	19.79	20.08	20.01	21	2
10	16QAM	25	12	19.94	20.04	20.09		
10	16QAM	25	25	19.98	20.02	20.03		
10	16QAM	50	0	20.05	20.27	19.95		
10	64QAM	1	0	19.93	20.13	20.01	21	2
10	64QAM	1	25	19.76	20.07	20.08		
10	64QAM	1	49	19.84	20.12	19.88		
10	64QAM	25	0	18.95	19.00	19.03	20	3
10	64QAM	25	12	19.01	19.12	18.96		
10	64QAM	25	25	18.94	19.01	18.81		
10	64QAM	50	0	18.81	18.96	19.04		
10	256QAM	1	0	18.99	19.04	18.99	20	3
10	256QAM	1	25	19.10	19.11	19.06		
10	256QAM	1	49	19.09	18.93	19.09		
10	256QAM	25	0	19.10	18.90	18.96	20	3
10	256QAM	25	12	18.81	19.14	18.99		
10	256QAM	25	25	19.02	19.07	18.88		
10	256QAM	50	0	18.94	18.96	18.78		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.96	22.15	22.13	23	0
5	QPSK	1	12	22.07	21.89	21.90		
5	QPSK	1	24	21.85	22.09	21.90		
5	QPSK	12	0	21.78	22.10	21.94	23	0
5	QPSK	12	7	21.68	21.85	21.97		
5	QPSK	12	13	21.73	21.89	21.87		
5	QPSK	25	0	21.88	21.96	21.92		
5	16QAM	1	0	20.92	21.14	20.99	22	1
5	16QAM	1	12	20.94	21.08	20.94		
5	16QAM	1	24	20.86	20.87	21.02		
5	16QAM	12	0	20.00	20.10	20.05	21	2
5	16QAM	12	7	19.79	20.11	20.06		
5	16QAM	12	13	20.03	19.97	20.10		
5	16QAM	25	0	19.87	20.15	19.93		
5	64QAM	1	0	20.03	20.15	19.90	21	2
5	64QAM	1	12	19.87	20.28	20.10		
5	64QAM	1	24	19.91	20.17	19.98		
5	64QAM	12	0	18.91	18.94	18.81	20	3
5	64QAM	12	7	18.94	19.01	18.93		
5	64QAM	12	13	19.01	19.06	18.85		
5	64QAM	25	0	18.83	19.07	18.88		
5	256QAM	1	0	19.01	19.12	18.96	20	3
5	256QAM	1	12	19.09	19.02	19.15		
5	256QAM	1	24	19.16	19.11	18.93		
5	256QAM	12	0	19.03	18.84	18.96	20	3
5	256QAM	12	7	18.98	19.19	19.04		
5	256QAM	12	13	19.08	19.21	18.86		
5	256QAM	25	0	18.98	19.14	18.92		

Reduced Power Mode for LTE Band 42 DSI2 Part 96

LTE Band 42 DSI2

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	15.56	15.71	15.65		
20	QPSK	1	49	15.34	15.44	15.34	17.1	0
20	QPSK	1	99	15.46	15.49	15.47		
20	QPSK	50	0	15.39	15.68	15.57		
20	QPSK	50	24	15.20	15.50	15.43	17.1	0
20	QPSK	50	50	15.28	15.36	15.56		
20	QPSK	100	0	15.44	15.64	15.47		
20	16QAM	1	0	15.37	15.56	15.37		
20	16QAM	1	49	15.33	15.45	15.54	17.1	0
20	16QAM	1	99	15.39	15.46	15.35		
20	16QAM	50	0	15.35	15.51	15.55		
20	16QAM	50	24	15.38	15.61	15.43	17.1	0
20	16QAM	50	50	15.31	15.52	15.56		
20	16QAM	100	0	15.45	15.43	15.29		
20	64QAM	1	0	15.34	15.41	15.66		
20	64QAM	1	49	15.30	15.49	15.28	17.1	0
20	64QAM	1	99	15.42	15.53	15.53		
20	64QAM	50	0	15.32	15.54	15.42		
20	64QAM	50	24	15.36	15.52	15.31	17.1	0
20	64QAM	50	50	15.42	15.63	15.57		
20	64QAM	100	0	15.27	15.64	15.47		
20	256QAM	1	0	15.37	15.42	15.58		
20	256QAM	1	49	15.44	15.44	15.48	17.1	0
20	256QAM	1	99	15.38	15.52	15.40		
20	256QAM	50	0	15.49	15.54	15.33		
20	256QAM	50	24	15.41	15.63	15.25	17.1	0
20	256QAM	50	50	15.36	15.56	15.56		
20	256QAM	100	0	15.27	15.48	15.36		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	15.43	15.54	15.25		
15	QPSK	1	37	15.33	15.45	15.13	17.1	0
15	QPSK	1	74	15.35	15.47	15.27		
15	QPSK	36	0	15.41	15.25	15.40		
15	QPSK	36	20	15.16	15.36	15.29	17.1	0
15	QPSK	36	39	15.12	15.27	15.48		
15	QPSK	75	0	15.39	15.64	15.41		
15	16QAM	1	0	15.21	15.43	15.26		
15	16QAM	1	37	15.17	15.32	15.53	17.1	0
15	16QAM	1	74	15.17	15.30	15.26		
15	16QAM	36	0	15.21	15.41	15.41		
15	16QAM	36	20	15.36	15.60	15.22	17.1	0
15	16QAM	36	39	15.19	15.39	15.35		
15	16QAM	75	0	15.43	15.42	15.15		
15	64QAM	1	0	15.18	15.32	15.46		
15	64QAM	1	37	15.12	15.38	15.13	17.1	0
15	64QAM	1	74	15.20	15.55	15.36		
15	64QAM	36	0	15.12	15.46	15.34		
15	64QAM	36	20	15.28	15.36	15.32	17.1	0
15	64QAM	36	39	15.35	15.55	15.59		
15	64QAM	75	0	15.12	15.62	15.28		
15	256QAM	1	0	15.34	15.31	15.53		
15	256QAM	1	37	15.39	15.38	15.45	17.1	0
15	256QAM	1	74	15.25	15.39	15.31		
15	256QAM	36	0	15.38	15.36	15.20		
15	256QAM	36	20	15.26	15.44	15.17	17.1	0
15	256QAM	36	39	15.23	15.44	15.42		
15	256QAM	75	0	15.18	15.45	15.17		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	15.38	15.37	15.47		
10	QPSK	1	25	15.18	15.44	15.31	17.1	0
10	QPSK	1	49	15.40	15.36	15.41		
10	QPSK	25	0	15.23	15.46	15.48		
10	QPSK	25	12	15.22	15.37	15.25	17.1	0
10	QPSK	25	25	15.14	15.33	15.43		
10	QPSK	50	0	15.27	15.34	15.42		
10	16QAM	1	0	15.24	15.38	15.37		
10	16QAM	1	25	15.29	15.30	15.40	17.1	0
10	16QAM	1	49	15.40	15.36	15.15		
10	16QAM	25	0	15.34	15.31	15.38		
10	16QAM	25	12	15.36	15.26	15.33	17.1	0
10	16QAM	25	25	15.30	15.43	15.38		
10	16QAM	50	0	15.32	15.45	15.44		
10	64QAM	1	0	15.30	15.36	15.51		
10	64QAM	1	25	15.21	15.39	15.24	17.1	0
10	64QAM	1	49	15.28	15.52	15.50		
10	64QAM	25	0	15.16	15.32	15.21		
10	64QAM	25	12	15.31	15.35	15.12	17.1	0
10	64QAM	25	25	15.33	15.48	15.47		
10	64QAM	50	0	15.23	15.45	15.30		
10	256QAM	1	0	15.26	15.24	15.58		
10	256QAM	1	25	15.28	15.45	15.28	17.1	0
10	256QAM	1	49	15.33	15.43	15.21		
10	256QAM	25	0	15.44	15.42	15.23		
10	256QAM	25	12	15.34	15.65	15.27	17.1	0
10	256QAM	25	25	15.26	15.43	15.35		
10	256QAM	50	0	15.20	15.48	15.18		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	15.56	15.37	15.44		
5	QPSK	1	12	15.30	15.30	15.25	17.1	0
5	QPSK	1	24	15.25	15.39	15.46		
5	QPSK	12	0	15.41	15.58	15.50		
5	QPSK	12	7	15.21	15.47	15.37	17.1	0
5	QPSK	12	13	15.29	15.34	15.54		
5	QPSK	25	0	15.37	15.63	15.35		
5	16QAM	1	0	15.24	15.38	15.31		
5	16QAM	1	12	15.21	15.37	15.35	17.1	0
5	16QAM	1	24	15.26	15.29	15.20		
5	16QAM	12	0	15.15	15.30	15.36		
5	16QAM	12	7	15.21	15.60	15.26	17.1	0
5	16QAM	12	13	15.22	15.41	15.35		
5	16QAM	25	0	15.46	15.42	15.22		
5	64QAM	1	0	15.23	15.31	15.67		
5	64QAM	1	12	15.28	15.38	15.34	17.1	0
5	64QAM	1	24	15.28	15.35	15.47		
5	64QAM	12	0	15.10	15.40	15.29		
5	64QAM	12	7	15.26	15.47	15.13	17.1	0
5	64QAM	12	13	15.30	15.59	15.57		
5	64QAM	25	0	15.12	15.42	15.40		
5	256QAM	1	0	15.33	15.42	15.58		
5	256QAM	1	12	15.23	15.27	15.36	17.1	0
5	256QAM	1	24	15.28	15.41	15.33		
5	256QAM	12	0	15.29	15.39	15.33		
5	256QAM	12	7	15.24	15.60	15.11	17.1	0
5	256QAM	12	13	15.30	15.41	15.48		
5	256QAM	25	0	15.21	15.50	15.32		

LTE Band 42 Default

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.12	22.23	22.15	23	0
20	QPSK	1	49	22.05	22.13	22.17		
20	QPSK	1	99	22.10	22.15	22.13		
20	QPSK	50	0	22.13	22.21	22.17	23	0
20	QPSK	50	24	22.07	21.95	22.08		
20	QPSK	50	50	22.05	22.04	22.14		
20	QPSK	100	0	22.11	22.20	22.15		
20	16QAM	1	0	21.29	21.50	21.49	22	1
20	16QAM	1	49	21.31	21.30	21.49		
20	16QAM	1	99	21.32	21.30	21.40		
20	16QAM	50	0	20.60	20.63	20.40	21	2
20	16QAM	50	24	20.60	20.58	20.35		
20	16QAM	50	50	20.55	20.46	20.40		
20	16QAM	100	0	20.48	20.42	20.51		
20	64QAM	1	0	20.46	20.53	20.35	21	2
20	64QAM	1	49	20.54	20.61	20.58		
20	64QAM	1	99	20.55	20.30	20.35		
20	64QAM	50	0	19.45	19.35	19.44	20	3
20	64QAM	50	24	19.45	19.60	19.38		
20	64QAM	50	50	19.41	19.47	19.58		
20	64QAM	100	0	19.46	19.35	19.47		
20	256QAM	1	0	17.35	17.45	17.53	18	5
20	256QAM	1	49	17.59	17.47	17.57		
20	256QAM	1	99	17.55	17.65	17.34		
20	256QAM	50	0	17.53	17.60	17.55	18	5
20	256QAM	50	24	17.68	17.58	17.36		
20	256QAM	50	50	17.54	17.46	17.39		
20	256QAM	100	0	17.32	17.54	17.57		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.01	22.09	22.00	23	0
15	QPSK	1	37	21.95	22.21	21.98		
15	QPSK	1	74	21.99	21.95	21.95		
15	QPSK	36	0	22.11	22.09	22.01	23	0
15	QPSK	36	20	22.03	21.84	22.01		
15	QPSK	36	39	21.95	21.84	22.01		
15	QPSK	75	0	21.93	22.07	22.03		
15	16QAM	1	0	21.20	21.34	21.47	22	1
15	16QAM	1	37	21.25	21.31	21.29		
15	16QAM	1	74	21.14	21.23	21.31		
15	16QAM	36	0	20.59	20.58	20.21	21	2
15	16QAM	36	20	20.58	20.44	20.13		
15	16QAM	36	39	20.38	20.26	20.19		
15	16QAM	75	0	20.48	20.35	20.34		
15	64QAM	1	0	20.32	20.51	20.27	21	2
15	64QAM	1	37	20.43	20.55	20.60		
15	64QAM	1	74	20.49	20.28	20.32		
15	64QAM	36	0	19.35	19.31	19.43	20	3
15	64QAM	36	20	19.47	19.58	19.18		
15	64QAM	36	39	19.30	19.26	19.58		
15	64QAM	75	0	19.32	19.22	19.37		
15	256QAM	1	0	17.28	17.45	17.52	18	5
15	256QAM	1	37	17.40	17.47	17.42		
15	256QAM	1	74	17.39	17.56	17.35		
15	256QAM	36	0	17.45	17.40	17.38	18	5
15	256QAM	36	20	17.57	17.38	17.17		
15	256QAM	36	39	17.48	17.29	17.26		
15	256QAM	75	0	17.19	17.41	17.49		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.11	22.15	22.08	23	0
10	QPSK	1	25	22.05	21.92	22.01		
10	QPSK	1	49	22.01	22.13	21.97		
10	QPSK	25	0	22.03	22.11	22.07	23	0
10	QPSK	25	12	22.05	21.76	21.92		
10	QPSK	25	25	21.84	21.93	22.07		
10	QPSK	50	0	22.01	22.09	22.04		
10	16QAM	1	0	21.30	21.49	21.35	22	1
10	16QAM	1	25	21.14	21.26	21.45		
10	16QAM	1	49	21.11	21.25	21.31		
10	16QAM	25	0	20.53	20.58	20.19	21	2
10	16QAM	25	12	20.39	20.53	20.37		
10	16QAM	25	25	20.41	20.31	20.23		
10	16QAM	50	0	20.34	20.20	20.32		
10	64QAM	1	0	20.34	20.53	20.35	21	2
10	64QAM	1	25	20.33	20.45	20.58		
10	64QAM	1	49	20.33	20.10	20.35		
10	64QAM	25	0	19.25	19.14	19.30	20	3
10	64QAM	25	12	19.30	19.38	19.20		
10	64QAM	25	25	19.32	19.36	19.43		
10	64QAM	50	0	19.36	19.32	19.45		
10	256QAM	1	0	17.23	17.30	17.44	18	5
10	256QAM	1	25	17.43	17.41	17.57		
10	256QAM	1	49	17.37	17.45	17.14		
10	256QAM	25	0	17.44	17.58	17.47	18	5
10	256QAM	25	12	17.49	17.41	17.36		
10	256QAM	25	25	17.42	17.43	17.39		
10	256QAM	50	0	17.28	17.52	17.38		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.97	22.09	22.01	23	0
5	QPSK	1	12	22.02	22.14	22.15		
5	QPSK	1	24	22.03	22.05	22.14		
5	QPSK	12	0	22.01	22.09	22.09	23	0
5	QPSK	12	7	21.90	21.82	21.97		
5	QPSK	12	13	21.98	21.90	22.07		
5	QPSK	25	0	21.95	22.15	22.13		
5	16QAM	1	0	21.29	21.37	21.46	22	1
5	16QAM	1	12	21.20	21.14	21.40		
5	16QAM	1	24	21.33	21.31	21.37		
5	16QAM	12	0	20.59	20.64	20.41	21	2
5	16QAM	12	7	20.44	20.42	20.24		
5	16QAM	12	13	20.44	20.46	20.27		
5	16QAM	25	0	20.39	20.40	20.53		
5	64QAM	1	0	20.28	20.38	20.32	21	2
5	64QAM	1	12	20.36	20.55	20.46		
5	64QAM	1	24	20.54	20.20	20.22		
5	64QAM	12	0	19.44	19.15	19.43	20	3
5	64QAM	12	7	19.40	19.40	19.36		
5	64QAM	12	13	19.26	19.28	19.49		
5	64QAM	25	0	19.32	19.15	19.37		
5	256QAM	1	0	17.24	17.25	17.55	18	5
5	256QAM	1	12	17.60	17.48	17.50		
5	256QAM	1	24	17.43	17.53	17.33		
5	256QAM	12	0	17.37	17.59	17.55	18	5
5	256QAM	12	7	17.52	17.56	17.24		
5	256QAM	12	13	17.44	17.44	17.25		
5	256QAM	25	0	17.26	17.53	17.44		

LTE Band 42 DSI2

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	17.23	17.25	17.21	17.3	0
20	QPSK	1	49	17.24	17.18	17.24		
20	QPSK	1	99	17.19	17.16	17.15		
20	QPSK	50	0	17.21	17.24	17.17	17.3	0
20	QPSK	50	24	17.21	17.14	17.23		
20	QPSK	50	50	17.14	17.19	17.15		
20	QPSK	100	0	17.22	17.23	17.14		
20	16QAM	1	0	17.15	17.22	17.21	17.3	0
20	16QAM	1	49	17.16	17.17	17.17		
20	16QAM	1	99	17.23	17.14	17.15		
20	16QAM	50	0	17.17	17.20	17.20	17.3	0
20	16QAM	50	24	17.19	17.17	17.21		
20	16QAM	50	50	17.22	17.24	17.22		
20	16QAM	100	0	17.22	17.22	17.14		
20	64QAM	1	0	17.24	17.19	17.20	17.3	0
20	64QAM	1	49	17.23	17.16	17.16		
20	64QAM	1	99	17.22	17.23	17.20		
20	64QAM	50	0	17.23	17.19	17.15	17.3	0
20	64QAM	50	24	17.22	17.21	17.20		
20	64QAM	50	50	17.20	17.16	17.22		
20	64QAM	100	0	17.17	17.23	17.14		
20	256QAM	1	0	17.24	17.19	17.16	17.3	0
20	256QAM	1	49	17.21	17.18	17.22		
20	256QAM	1	99	17.17	17.16	17.19		
20	256QAM	50	0	17.20	17.17	17.23	17.3	0
20	256QAM	50	24	17.15	17.18	17.24		
20	256QAM	50	50	17.24	17.23	17.23		
20	256QAM	100	0	17.14	17.19	17.16		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	17.19	17.15	17.22	17.3	0
15	QPSK	1	37	17.20	17.24	17.15		
15	QPSK	1	74	17.18	17.14	17.15		
15	QPSK	36	0	17.18	17.21	17.22	17.3	0
15	QPSK	36	20	17.15	17.23	17.23		
15	QPSK	36	39	17.23	17.19	17.20		
15	QPSK	75	0	17.15	17.23	17.17		
15	16QAM	1	0	17.19	17.15	17.18	17.3	0
15	16QAM	1	37	17.20	17.19	17.15		
15	16QAM	1	74	17.19	17.16	17.24		
15	16QAM	36	0	17.16	17.16	17.23	17.3	0
15	16QAM	36	20	17.16	17.19	17.18		
15	16QAM	36	39	17.16	17.18	17.16		
15	16QAM	75	0	17.18	17.23	17.18		
15	64QAM	1	0	17.22	17.20	17.23	17.3	0
15	64QAM	1	37	17.20	17.17	17.17		
15	64QAM	1	74	17.19	17.20	17.20		
15	64QAM	36	0	17.18	17.14	17.17	17.3	0
15	64QAM	36	20	17.17	17.16	17.21		
15	64QAM	36	39	17.20	17.18	17.15		
15	64QAM	75	0	17.19	17.15	17.16		
15	256QAM	1	0	17.18	17.21	17.20	17.3	0
15	256QAM	1	37	17.22	17.15	17.17		
15	256QAM	1	74	17.18	17.24	17.19		
15	256QAM	36	0	17.16	17.21	17.17	17.3	0
15	256QAM	36	20	17.23	17.16	17.23		
15	256QAM	36	39	17.20	17.18	17.22		
15	256QAM	75	0	17.20	17.19	17.23		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	17.21	17.24	17.22	17.3	0
10	QPSK	1	25	17.17	17.21	17.17		
10	QPSK	1	49	17.21	17.22	17.16		
10	QPSK	25	0	17.15	17.20	17.20	17.3	0
10	QPSK	25	12	17.16	17.19	17.24		
10	QPSK	25	25	17.21	17.20	17.22		
10	QPSK	50	0	17.15	17.23	17.17		
10	16QAM	1	0	17.14	17.23	17.21	17.3	0
10	16QAM	1	25	17.18	17.22	17.17		
10	16QAM	1	49	17.21	17.24	17.16		
10	16QAM	25	0	17.20	17.20	17.21	17.3	0
10	16QAM	25	12	17.23	17.23	17.22		
10	16QAM	25	25	17.23	17.15	17.15		
10	16QAM	50	0	17.18	17.14	17.23		
10	64QAM	1	0	17.19	17.15	17.18	17.3	0
10	64QAM	1	25	17.17	17.22	17.16		
10	64QAM	1	49	17.16	17.24	17.22		
10	64QAM	25	0	17.14	17.17	17.22	17.3	0
10	64QAM	25	12	17.22	17.19	17.20		
10	64QAM	25	25	17.18	17.15	17.19		
10	64QAM	50	0	17.21	17.22	17.14		
10	256QAM	1	0	17.24	17.23	17.23	17.3	0
10	256QAM	1	25	17.14	17.15	17.22		
10	256QAM	1	49	17.22	17.21	17.21		
10	256QAM	25	0	17.21	17.15	17.23	17.3	0
10	256QAM	25	12	17.20	17.16	17.21		
10	256QAM	25	25	17.24	17.23	17.24		
10	256QAM	50	0	17.22	17.18	17.16		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	17.21	17.15	17.22	17.3	0
5	QPSK	1	12	17.24	17.22	17.17		
5	QPSK	1	24	17.15	17.23	17.20		
5	QPSK	12	0	17.18	17.19	17.23	17.3	0
5	QPSK	12	7	17.15	17.14	17.20		
5	QPSK	12	13	17.24	17.18	17.16		
5	QPSK	25	0	17.19	17.17	17.15		
5	16QAM	1	0	17.22	17.14	17.20	17.3	0
5	16QAM	1	12	17.21	17.16	17.17		
5	16QAM	1	24	17.15	17.24	17.17		
5	16QAM	12	0	17.23	17.20	17.14	17.3	0
5	16QAM	12	7	17.20	17.14	17.17		
5	16QAM	12	13	17.17	17.14	17.18		
5	16QAM	25	0	17.16	17.22	17.17		
5	64QAM	1	0	17.24	17.17	17.19	17.3	0
5	64QAM	1	12	17.20	17.23	17.18		
5	64QAM	1	24	17.24	17.19	17.14		
5	64QAM	12	0	17.22	17.24	17.18	17.3	0
5	64QAM	12	7	17.17	17.22	17.19		
5	64QAM	12	13	17.24	17.14	17.17		
5	64QAM	25	0	17.21	17.17	17.17		
5	256QAM	1	0	17.16	17.20	17.23	17.3	0
5	256QAM	1	12	17.21	17.15	17.18		
5	256QAM	1	24	17.20	17.19	17.16		
5	256QAM	12	0	17.16	17.15	17.19	17.3	0
5	256QAM	12	7	17.21	17.15	17.24		
5	256QAM	12	13	17.18	17.24	17.18		
5	256QAM	25	0	17.14	17.17	17.22		

LTE Band 42 DSI2

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	18.32	18.47	18.19	19.2	0
20	QPSK	1	49	18.25	18.40	18.15		
20	QPSK	1	99	18.30	18.39	18.24		
20	QPSK	50	0	18.31	18.41	18.19	19.2	0
20	QPSK	50	24	18.25	18.38	18.26		
20	QPSK	50	50	18.28	18.35	18.25		
20	QPSK	100	0	18.28	18.40	18.18		
20	16QAM	1	0	18.34	18.38	18.17	19.2	0
20	16QAM	1	49	18.28	18.43	18.16		
20	16QAM	1	99	18.28	18.40	18.18		
20	16QAM	50	0	18.32	18.35	18.19	19.2	0
20	16QAM	50	24	18.25	18.42	18.21		
20	16QAM	50	50	18.29	18.43	18.25		
20	16QAM	100	0	18.29	18.43	18.20		
20	64QAM	1	0	18.28	18.39	18.17	19.2	0
20	64QAM	1	49	18.32	18.43	18.23		
20	64QAM	1	99	18.27	18.38	18.22		
20	64QAM	50	0	18.28	18.45	18.24	19.2	0
20	64QAM	50	24	18.33	18.44	18.21		
20	64QAM	50	50	18.27	18.37	18.24		
20	64QAM	100	0	18.25	18.41	18.22		
20	256QAM	1	0	18.32	18.45	18.18	19.2	0
20	256QAM	1	49	18.30	18.43	18.22		
20	256QAM	1	99	18.34	18.41	18.21		
20	256QAM	50	0	18.25	18.37	18.15	19.2	0
20	256QAM	50	24	18.23	18.36	18.20		
20	256QAM	50	50	18.33	18.43	18.19		
20	256QAM	100	0	18.31	18.46	18.15		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	18.28	18.38	18.14	19.2	0
15	QPSK	1	37	18.11	18.27	18.10		
15	QPSK	1	74	18.25	18.27	18.10		
15	QPSK	36	0	18.25	18.34	18.14	19.2	0
15	QPSK	36	20	18.20	18.27	18.21		
15	QPSK	36	39	18.16	18.30	18.11		
15	QPSK	75	0	18.16	18.34	18.04		
15	16QAM	1	0	18.25	18.22	18.07	19.2	0
15	16QAM	1	37	18.14	18.32	18.01		
15	16QAM	1	74	18.23	18.27	18.11		
15	16QAM	36	0	18.23	18.23	18.11	19.2	0
15	16QAM	36	20	18.14	18.40	18.09		
15	16QAM	36	39	18.21	18.29	18.11		
15	16QAM	75	0	18.24	18.30	18.15		
15	64QAM	1	0	18.20	18.24	18.06	19.2	0
15	64QAM	1	37	18.18	18.35	18.14		
15	64QAM	1	74	18.14	18.29	18.16		
15	64QAM	36	0	18.14	18.38	18.13	19.2	0
15	64QAM	36	20	18.26	18.30	18.10		
15	64QAM	36	39	18.13	18.27	18.14		
15	64QAM	75	0	18.14	18.26	18.09		
15	256QAM	1	0	18.28	18.34	18.11	19.2	0
15	256QAM	1	37	18.19	18.34	18.15		
15	256QAM	1	74	18.22	18.33	18.14		
15	256QAM	36	0	18.11	18.32	18.00	19.2	0
15	256QAM	36	20	18.08	18.25	18.05		
15	256QAM	36	39	18.21	18.27	18.04		
15	256QAM	75	0	18.20	18.33	18.00		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	18.27	18.37	18.05	19.2	0
10	QPSK	1	25	18.14	18.30	18.00		
10	QPSK	1	49	18.20	18.33	18.13		
10	QPSK	25	0	18.17	18.31	18.15	19.2	0
10	QPSK	25	12	18.10	18.28	18.20		
10	QPSK	25	25	18.13	18.30	18.15		
10	QPSK	50	0	18.21	18.25	18.06		
10	16QAM	1	0	18.25	18.29	18.07	19.2	0
10	16QAM	1	25	18.19	18.36	18.06		
10	16QAM	1	49	18.15	18.29	18.02		
10	16QAM	25	0	18.16	18.25	18.13	19.2	0
10	16QAM	25	12	18.19	18.40	18.11		
10	16QAM	25	25	18.24	18.36	18.13		
10	16QAM	50	0	18.25	18.36	18.16		
10	64QAM	1	0	18.16	18.26	18.10	19.2	0
10	64QAM	1	25	18.18	18.33	18.13		
10	64QAM	1	49	18.21	18.31	18.13		
10	64QAM	25	0	18.12	18.38	18.17	19.2	0
10	64QAM	25	12	18.24	18.37	18.05		
10	64QAM	25	25	18.12	18.24	18.09		
10	64QAM	50	0	18.20	18.32	18.08		
10	256QAM	1	0	18.25	18.31	18.02	19.2	0
10	256QAM	1	25	18.16	18.28	18.11		
10	256QAM	1	49	18.22	18.27	18.16		
10	256QAM	25	0	18.10	18.33	18.05	19.2	0
10	256QAM	25	12	18.19	18.24	18.10		
10	256QAM	25	25	18.23	18.33	18.11		
10	256QAM	50	0	18.24	18.41	18.01		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	18.27	18.40	18.04	19.2	0
5	QPSK	1	12	18.13	18.28	18.04		
5	QPSK	1	24	18.26	18.29	18.18		
5	QPSK	12	0	18.20	18.33	18.09	19.2	0
5	QPSK	12	7	18.14	18.28	18.17		
5	QPSK	12	13	18.19	18.23	18.20		
5	QPSK	25	0	18.12	18.26	18.04		
5	16QAM	1	0	18.22	18.33	18.04	19.2	0
5	16QAM	1	12	18.13	18.34	18.10		
5	16QAM	1	24	18.13	18.32	18.03		
5	16QAM	12	0	18.22	18.21	18.13	19.2	0
5	16QAM	12	7	18.11	18.35	18.12		
5	16QAM	12	13	18.22	18.32	18.11		
5	16QAM	25	0	18.15	18.36	18.10		
5	64QAM	1	0	18.16	18.31	18.01	19.2	0
5	64QAM	1	12	18.23	18.29	18.09		
5	64QAM	1	24	18.14	18.24	18.06		
5	64QAM	12	0	18.21	18.41	18.09	19.2	0
5	64QAM	12	7	18.22	18.31	18.12		
5	64QAM	12	13	18.12	18.29	18.20		
5	64QAM	25	0	18.17	18.31	18.15		
5	256QAM	1	0	18.18	18.38	18.07	19.2	0
5	256QAM	1	12	18.24	18.31	18.07		
5	256QAM	1	24	18.28	18.36	18.08		
5	256QAM	12	0	18.14	18.28	18.03	19.2	0
5	256QAM	12	7	18.12	18.24	18.11		
5	256QAM	12	13	18.18	18.39	18.12		
5	256QAM	25	0	18.22	18.37	18.05		

Reduced Power Mode for B42 Part96 DSI3 Simultaneous

LTE Band 42 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	18.01	18.19	17.95	19.3	0
20	QPSK	1	49	18.01	17.93	17.90		
20	QPSK	1	99	17.89	17.93	17.79		
20	QPSK	50	0	18.04	18.17	17.88	19.3	0
20	QPSK	50	24	17.78	18.08	17.81		
20	QPSK	50	50	17.76	18.04	17.90		
20	QPSK	100	0	17.85	18.11	17.94		
20	16QAM	1	0	17.83	17.99	17.80	19.3	0
20	16QAM	1	49	17.85	18.02	17.85		
20	16QAM	1	99	17.91	18.04	17.81		
20	16QAM	50	0	17.80	17.85	17.77	19.3	0
20	16QAM	50	24	17.87	18.07	17.68		
20	16QAM	50	50	17.88	18.01	17.95		
20	16QAM	100	0	17.74	18.08	17.84		
20	64QAM	1	0	17.91	18.11	17.75	19.3	0
20	64QAM	1	49	18.01	17.91	17.76		
20	64QAM	1	99	17.85	17.97	17.84		
20	64QAM	50	0	17.79	18.03	17.72	19.3	0
20	64QAM	50	24	17.89	17.98	17.83		
20	64QAM	50	50	17.89	18.02	17.91		
20	64QAM	100	0	17.88	18.08	17.89		
20	256QAM	1	0	17.89	18.12	17.93	19.3	0
20	256QAM	1	49	17.95	18.11	17.90		
20	256QAM	1	99	17.94	18.10	17.90		
20	256QAM	50	0	17.98	18.04	17.74	19.3	0
20	256QAM	50	24	17.82	18.11	17.86		
20	256QAM	50	50	17.81	17.97	17.93		
20	256QAM	100	0	17.81	18.22	17.96		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	17.91	18.11	17.90	19.3	0
15	QPSK	1	37	17.89	17.88	17.79		
15	QPSK	1	74	17.82	17.77	17.67		
15	QPSK	36	0	17.98	18.09	17.82	19.3	0
15	QPSK	36	20	17.66	17.95	17.69		
15	QPSK	36	39	17.64	17.91	17.76		
15	QPSK	75	0	17.77	17.96	17.81		
15	16QAM	1	0	17.71	17.93	17.66	19.3	0
15	16QAM	1	37	17.78	17.96	17.74		
15	16QAM	1	74	17.81	17.91	17.68		
15	16QAM	36	0	17.73	17.73	17.64	19.3	0
15	16QAM	36	20	17.77	17.93	17.63		
15	16QAM	36	39	17.76	17.92	17.84		
15	16QAM	75	0	17.68	17.98	17.71		
15	64QAM	1	0	17.85	17.98	17.63	19.3	0
15	64QAM	1	37	17.96	17.82	17.63		
15	64QAM	1	74	17.78	17.87	17.69		
15	64QAM	36	0	17.72	17.95	17.61	19.3	0
15	64QAM	36	20	17.73	17.93	17.68		
15	64QAM	36	39	17.75	17.92	17.80		
15	64QAM	75	0	17.81	17.95	17.84		
15	256QAM	1	0	17.77	18.02	17.86	19.3	0
15	256QAM	1	37	17.82	18.04	17.76		
15	256QAM	1	74	17.85	18.03	17.76		
15	256QAM	36	0	17.83	17.95	17.62	19.3	0
15	256QAM	36	20	17.70	18.06	17.76		
15	256QAM	36	39	17.74	17.83	17.84		
15	256QAM	75	0	17.76	18.08	17.83		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	17.87	18.08	17.84	19.3	0
10	QPSK	1	25	17.88	17.78	17.78		
10	QPSK	1	49	17.82	17.85	17.63		
10	QPSK	25	0	17.90	18.11	17.79	19.3	0
10	QPSK	25	12	17.64	18.03	17.76		
10	QPSK	25	25	17.67	17.97	17.75		
10	QPSK	50	0	17.80	18.06	17.83		
10	16QAM	1	0	17.77	17.94	17.75	19.3	0
10	16QAM	1	25	17.79	17.92	17.78		
10	16QAM	1	49	17.81	17.98	17.76		
10	16QAM	25	0	17.75	17.76	17.68	19.3	0
10	16QAM	25	12	17.78	17.93	17.55		
10	16QAM	25	25	17.72	17.94	17.88		
10	16QAM	50	0	17.58	18.03	17.70		
10	64QAM	1	0	17.75	18.04	17.61	19.3	0
10	64QAM	1	25	17.91	17.87	17.68		
10	64QAM	1	49	17.70	17.81	17.74		
10	64QAM	25	0	17.67	17.88	17.64	19.3	0
10	64QAM	25	12	17.75	17.94	17.68		
10	64QAM	25	25	17.77	17.94	17.83		
10	64QAM	50	0	17.73	17.96	17.78		
10	256QAM	1	0	17.77	17.98	17.89	19.3	0
10	256QAM	1	25	17.87	18.03	17.76		
10	256QAM	1	49	17.83	18.00	17.82		
10	256QAM	25	0	17.92	17.91	17.62	19.3	0
10	256QAM	25	12	17.68	17.96	17.79		
10	256QAM	25	25	17.71	17.84	17.81		
10	256QAM	50	0	17.72	18.18	17.89		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	17.90	18.08	17.81	19.3	0
5	QPSK	1	12	17.94	17.89	17.81		
5	QPSK	1	24	17.78	17.82	17.67		
5	QPSK	12	0	17.94	18.07	17.72	19.3	0
5	QPSK	12	7	17.73	18.00	17.70		
5	QPSK	12	13	17.66	17.95	17.82		
5	QPSK	25	0	17.72	18.04	17.81		
5	16QAM	1	0	17.67	17.87	17.74	19.3	0
5	16QAM	1	12	17.72	17.91	17.71		
5	16QAM	1	24	17.85	17.96	17.76		
5	16QAM	12	0	17.71	17.81	17.67	19.3	0
5	16QAM	12	7	17.79	17.92	17.59		
5	16QAM	12	13	17.82	17.92	17.87		
5	16QAM	25	0	17.65	17.93	17.74		
5	64QAM	1	0	17.80	18.05	17.67	19.3	0
5	64QAM	1	12	17.86	17.81	17.67		
5	64QAM	1	24	17.79	17.86	17.79		
5	64QAM	12	0	17.66	17.96	17.62	19.3	0
5	64QAM	12	7	17.85	17.92	17.71		
5	64QAM	12	13	17.84	17.94	17.82		
5	64QAM	25	0	17.82	17.92	17.79		
5	256QAM	1	0	17.78	18.04	17.77	19.3	0
5	256QAM	1	12	17.89	17.98	17.81		
5	256QAM	1	24	17.78	18.01	17.78		
5	256QAM	12	0	17.89	17.97	17.68	19.3	0
5	256QAM	12	7	17.68	18.02	17.76		
5	256QAM	12	13	17.71	17.90	17.87		
5	256QAM	25	0	17.66	18.07	17.87		

LTE Band 42 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.12	22.23	22.15	23	0
20	QPSK	1	49	22.05	22.13	22.17		
20	QPSK	1	99	22.10	22.15	22.13		
20	QPSK	50	0	22.13	22.21	22.17	23	0
20	QPSK	50	24	22.07	21.95	22.08		
20	QPSK	50	50	22.05	22.04	22.14		
20	QPSK	100	0	22.11	22.20	22.15		
20	16QAM	1	0	21.29	21.50	21.49	22	1
20	16QAM	1	49	21.31	21.30	21.49		
20	16QAM	1	99	21.32	21.30	21.40		
20	16QAM	50	0	20.60	20.63	20.40	21	2
20	16QAM	50	24	20.60	20.58	20.35		
20	16QAM	50	50	20.55	20.46	20.40		
20	16QAM	100	0	20.48	20.42	20.51		
20	64QAM	1	0	20.46	20.53	20.35	21	2
20	64QAM	1	49	20.54	20.61	20.58		
20	64QAM	1	99	20.55	20.30	20.35		
20	64QAM	50	0	19.45	19.35	19.44	20	3
20	64QAM	50	24	19.45	19.60	19.38		
20	64QAM	50	50	19.41	19.47	19.58		
20	64QAM	100	0	19.46	19.35	19.47		
20	256QAM	1	0	17.35	17.45	17.53	18	5
20	256QAM	1	49	17.59	17.47	17.57		
20	256QAM	1	99	17.55	17.65	17.34		
20	256QAM	50	0	17.53	17.60	17.55	18	5
20	256QAM	50	24	17.68	17.58	17.38		
20	256QAM	50	50	17.54	17.46	17.39		
20	256QAM	100	0	17.32	17.54	17.57		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.01	22.09	22.00	23	0
15	QPSK	1	37	21.95	22.21	21.98		
15	QPSK	1	74	21.99	21.95	21.95		
15	QPSK	36	0	22.11	22.09	22.01	23	0
15	QPSK	36	20	22.03	21.84	22.01		
15	QPSK	36	39	21.95	21.84	22.01		
15	QPSK	75	0	21.93	22.07	22.03		
15	16QAM	1	0	21.20	21.34	21.47	22	1
15	16QAM	1	37	21.25	21.31	21.29		
15	16QAM	1	74	21.14	21.23	21.31		
15	16QAM	36	0	20.59	20.58	20.21	21	2
15	16QAM	36	20	20.58	20.44	20.13		
15	16QAM	36	39	20.38	20.26	20.19		
15	16QAM	75	0	20.48	20.35	20.34		
15	64QAM	1	0	20.32	20.51	20.27	21	2
15	64QAM	1	37	20.43	20.55	20.60		
15	64QAM	1	74	20.49	20.28	20.32		
15	64QAM	36	0	19.35	19.31	19.43	20	3
15	64QAM	36	20	19.47	19.58	19.18		
15	64QAM	36	39	19.30	19.26	19.58		
15	64QAM	75	0	19.32	19.22	19.37		
15	256QAM	1	0	17.28	17.45	17.52	18	5
15	256QAM	1	37	17.40	17.47	17.42		
15	256QAM	1	74	17.39	17.56	17.35		
15	256QAM	36	0	17.45	17.40	17.38	18	5
15	256QAM	36	20	17.57	17.38	17.17		
15	256QAM	36	39	17.48	17.29	17.26		
15	256QAM	75	0	17.19	17.41	17.49		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.11	22.15	22.08	23	0
10	QPSK	1	25	22.05	21.92	22.01		
10	QPSK	1	49	22.01	22.13	21.97		
10	QPSK	25	0	22.03	22.11	22.07	23	0
10	QPSK	25	12	22.05	21.76	21.92		
10	QPSK	25	25	21.84	21.93	22.07		
10	QPSK	50	0	22.01	22.09	22.04		
10	16QAM	1	0	21.30	21.49	21.35	22	1
10	16QAM	1	25	21.14	21.26	21.45		
10	16QAM	1	49	21.11	21.25	21.31		
10	16QAM	25	0	20.53	20.58	20.19	21	2
10	16QAM	25	12	20.39	20.53	20.37		
10	16QAM	25	25	20.41	20.31	20.23		
10	16QAM	50	0	20.34	20.20	20.32		
10	64QAM	1	0	20.34	20.53	20.35	21	2
10	64QAM	1	25	20.33	20.45	20.58		
10	64QAM	1	49	20.33	20.10	20.35		
10	64QAM	25	0	19.25	19.14	19.30	20	3
10	64QAM	25	12	19.30	19.38	19.20		
10	64QAM	25	25	19.32	19.36	19.43		
10	64QAM	50	0	19.36	19.32	19.45		
10	256QAM	1	0	17.23	17.30	17.44	18	5
10	256QAM	1	25	17.43	17.41	17.57		
10	256QAM	1	49	17.37	17.45	17.14		
10	256QAM	25	0	17.44	17.58	17.47	18	5
10	256QAM	25	12	17.49	17.41	17.36		
10	256QAM	25	25	17.42	17.43	17.39		
10	256QAM	50	0	17.28	17.52	17.38		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.97	22.09	22.01	23	0
5	QPSK	1	12	22.02	22.14	22.15		
5	QPSK	1	24	22.03	22.05	22.14		
5	QPSK	12	0	22.01	22.09	22.09	23	0
5	QPSK	12	7	21.90	21.82	21.97		
5	QPSK	12	13	21.98	21.90	22.07		
5	QPSK	25	0	21.95	22.15	22.13		
5	16QAM	1	0	21.29	21.37	21.46	22	1
5	16QAM	1	12	21.20	21.14	21.40		
5	16QAM	1	24	21.33	21.31	21.37		
5	16QAM	12	0	20.59	20.64	20.41	21	2
5	16QAM	12	7	20.44	20.42	20.24		
5	16QAM	12	13	20.44	20.46	20.27		
5	16QAM	25	0	20.39	20.40	20.53		
5	64QAM	1	0	20.28	20.38	20.32	21	2
5	64QAM	1	12	20.36	20.55	20.46		
5	64QAM	1	24	20.54	20.20	20.22		
5	64QAM	12	0	19.44	19.15	19.43	20	3
5	64QAM	12	7	19.40	19.40	19.36		
5	64QAM	12	13	19.26	19.28	19.49		
5	64QAM	25	0	19.32	19.15	19.37		
5	256QAM	1	0	17.24	17.25	17.55	18	5
5	256QAM	1	12	17.60	17.48	17.50		
5	256QAM	1	24	17.43	17.53	17.33		
5	256QAM	12	0	17.37	17.59	17.55	18	5
5	256QAM	12	7	17.52	17.56	17.24		
5	256QAM	12	13	17.44	17.44	17.25		
5	256QAM	25	0	17.26	17.53	17.44		

LTE Band 42 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	18.98	19.10	19.01	19.8	0
20	QPSK	1	49	18.97	19.06	18.96		
20	QPSK	1	99	18.85	18.91	18.86		
20	QPSK	50	0	19.02	19.08	19.06	19.8	0
20	QPSK	50	24	18.96	19.04	18.92		
20	QPSK	50	50	18.96	18.96	18.98		
20	QPSK	100	0	18.97	19.07	19.03		
20	16QAM	1	0	18.93	19.00	18.95	19.8	0
20	16QAM	1	49	18.86	18.97	18.87		
20	16QAM	1	99	18.92	19.09	18.85		
20	16QAM	50	0	18.84	18.94	18.93	19.8	0
20	16QAM	50	24	19.01	19.01	18.88		
20	16QAM	50	50	18.81	19.08	18.88		
20	16QAM	100	0	18.82	18.87	18.81		
20	64QAM	1	0	18.99	19.01	18.98	19.8	0
20	64QAM	1	49	19.00	18.92	18.80		
20	64QAM	1	99	18.86	18.91	18.96		
20	64QAM	50	0	18.97	18.97	18.90	19.8	0
20	64QAM	50	24	18.95	19.01	18.94		
20	64QAM	50	50	18.93	19.08	18.85		
20	64QAM	100	0	18.99	19.12	19.05		
20	256QAM	1	0	18.53	18.60	18.38	19.3	0.5
20	256QAM	1	49	18.50	18.53	18.32		
20	256QAM	1	99	18.50	18.54	18.47		
20	256QAM	50	0	18.53	18.49	18.41	19.3	0.5
20	256QAM	50	24	18.36	18.73	18.39		
20	256QAM	50	50	18.50	18.57	18.53		
20	256QAM	100	0	18.34	18.59	18.40		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	18.86	19.02	18.94	19.8	0
15	QPSK	1	37	18.86	18.96	18.85		
15	QPSK	1	74	18.81	18.83	18.79		
15	QPSK	36	0	18.95	19.01	18.97	19.8	0
15	QPSK	36	20	18.89	18.89	18.84		
15	QPSK	36	39	18.91	18.88	18.85		
15	QPSK	75	0	18.84	19.01	18.87		
15	16QAM	1	0	18.79	18.87	18.89	19.8	0
15	16QAM	1	37	18.74	18.83	18.83		
15	16QAM	1	74	18.82	18.99	18.80		
15	16QAM	36	0	18.77	18.89	18.82	19.8	0
15	16QAM	36	20	18.87	18.95	18.77		
15	16QAM	36	39	18.75	19.02	18.78		
15	16QAM	75	0	18.74	18.79	18.65		
15	64QAM	1	0	18.85	18.88	18.91	19.8	0
15	64QAM	1	37	18.91	18.80	18.75		
15	64QAM	1	74	18.80	18.77	18.85		
15	64QAM	36	0	18.83	18.90	18.84	19.8	0
15	64QAM	36	20	18.85	18.89	18.79		
15	64QAM	36	39	18.87	18.95	18.74		
15	64QAM	75	0	18.92	18.99	18.99		
15	256QAM	1	0	18.47	18.45	18.26	19.3	0.5
15	256QAM	1	37	18.38	18.41	18.18		
15	256QAM	1	74	18.35	18.39	18.40		
15	256QAM	36	0	18.42	18.40	18.29	19.3	0.5
15	256QAM	36	20	18.20	18.69	18.31		
15	256QAM	36	39	18.39	18.50	18.46		
15	256QAM	75	0	18.24	18.50	18.35		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	18.89	18.96	18.93	19.8	0
10	QPSK	1	25	18.82	19.06	18.85		
10	QPSK	1	49	18.74	18.86	18.74		
10	QPSK	25	0	18.95	18.94	18.99	19.8	0
10	QPSK	25	12	18.82	18.89	18.79		
10	QPSK	25	25	18.83	18.86	18.86		
10	QPSK	50	0	18.83	18.95	18.93		
10	16QAM	1	0	18.83	18.94	18.88	19.8	0
10	16QAM	1	25	18.78	18.87	18.78		
10	16QAM	1	49	18.79	18.98	18.71		
10	16QAM	25	0	18.76	18.80	18.86	19.8	0
10	16QAM	25	12	18.91	18.91	18.75		
10	16QAM	25	25	18.70	18.99	18.73		
10	16QAM	50	0	18.78	18.75	18.74		
10	64QAM	1	0	18.84	18.87	18.89	19.8	0
10	64QAM	1	25	18.91	18.82	18.71		
10	64QAM	1	49	18.78	18.76	18.90		
10	64QAM	25	0	18.82	18.84	18.80	19.8	0
10	64QAM	25	12	18.84	18.92	18.83		
10	64QAM	25	25	18.85	19.04	18.79		
10	64QAM	50	0	18.91	19.02	18.95		
10	256QAM	1	0	18.42	18.50	18.25	19.3	0.5
10	256QAM	1	25	18.42	18.44	18.22		
10	256QAM	1	49	18.44	18.43	18.39		
10	256QAM	25	0	18.44	18.42	18.27	19.3	0.5
10	256QAM	25	12	18.30	18.69	18.30		
10	256QAM	25	25	18.45	18.50	18.47		
10	256QAM	50	0	18.27	18.45	18.33		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	18.93	18.94	18.91	19.8	0
5	QPSK	1	12	18.91	19.04	18.85		
5	QPSK	1	24	18.71	18.78	18.74		
5	QPSK	12	0	18.90	18.95	18.96	19.8	0
5	QPSK	12	7	18.89	18.97	18.84		
5	QPSK	12	13	18.86	18.86	18.87		
5	QPSK	25	0	18.85	18.98	18.97		
5	16QAM	1	0	18.87	18.91	18.83	19.8	0
5	16QAM	1	12	18.79	18.81	18.83		
5	16QAM	1	24	18.85	18.96	18.70		
5	16QAM	12	0	18.77	18.85	18.83	19.8	0
5	16QAM	12	7	18.85	18.90	18.80		
5	16QAM	12	13	18.71	19.01	18.81		
5	16QAM	25	0	18.74	18.76	18.69		
5	64QAM	1	0	18.86	18.87	18.85	19.8	0
5	64QAM	1	12	18.84	18.80	18.69		
5	64QAM	1	24	18.79	18.78	18.84		
5	64QAM	12	0	18.83	18.92	18.77	19.8	0
5	64QAM	12	7	18.87	18.92	18.90		
5	64QAM	12	13	18.80	18.99	18.80		
5	64QAM	25	0	18.85	19.02	18.98		
5	256QAM	1	0	18.39	18.49	18.28	19.3	0.5
5	256QAM	1	12	18.40	18.44	18.23		
5	256QAM	1	24	18.43	18.49	18.36		
5	256QAM	12	0	18.40	18.41	18.36	19.3	0.5
5	256QAM	12	7	18.23	18.59	18.24		
5	256QAM	12	13	18.40	18.47	18.48		
5	256QAM	25	0	18.30	18.50	18.30		

LTE Band 42 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.06	22.16	22.12	23	0
20	QPSK	1	49	22.14	22.07	22.06		
20	QPSK	1	99	21.99	22.07	21.98		
20	QPSK	50	0	21.99	22.14	22.08	23	0
20	QPSK	50	24	21.88	21.97	22.02		
20	QPSK	50	50	21.93	21.97	21.88		
20	QPSK	100	0	21.87	22.03	21.94		
20	16QAM	1	0	20.96	21.13	21.18	22	1
20	16QAM	1	49	21.15	21.18	21.14		
20	16QAM	1	99	21.03	21.05	21.04		
20	16QAM	50	0	20.00	20.22	20.15	21	2
20	16QAM	50	24	19.98	20.26	20.17		
20	16QAM	50	50	20.12	20.14	20.19		
20	16QAM	100	0	20.04	20.27	20.10		
20	64QAM	1	0	20.03	20.13	20.02	21	2
20	64QAM	1	49	19.97	20.27	20.17		
20	64QAM	1	99	20.05	20.15	20.05		
20	64QAM	50	0	19.11	19.10	19.02	20	3
20	64QAM	50	24	19.02	19.15	19.00		
20	64QAM	50	50	19.05	19.07	19.01		
20	64QAM	100	0	19.02	19.06	19.06		
20	256QAM	1	0	19.08	19.18	19.06	20	3
20	256QAM	1	49	19.13	19.22	19.20		
20	256QAM	1	99	19.16	19.15	19.12		
20	256QAM	50	0	19.14	19.04	19.16	20	3
20	256QAM	50	24	19.02	19.27	19.15		
20	256QAM	50	50	19.11	19.20	19.00		
20	256QAM	100	0	18.99	19.13	18.99		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	21.95	21.99	22.04	23	0
15	QPSK	1	37	22.04	21.90	22.07		
15	QPSK	1	74	21.95	22.01	21.94		
15	QPSK	36	0	21.84	22.02	22.01	23	0
15	QPSK	36	20	21.84	21.78	21.84		
15	QPSK	36	39	21.92	21.85	21.75		
15	QPSK	75	0	21.67	22.05	21.76		
15	16QAM	1	0	20.90	21.08	21.01	22	1
15	16QAM	1	37	21.15	21.09	21.07		
15	16QAM	1	74	20.85	21.05	20.91		
15	16QAM	36	0	19.99	20.05	20.11	21	2
15	16QAM	36	20	19.89	20.11	20.07		
15	16QAM	36	39	20.12	20.06	20.05		
15	16QAM	75	0	19.88	20.25	19.97		
15	64QAM	1	0	19.86	20.08	19.92	21	2
15	64QAM	1	37	19.87	20.14	19.98		
15	64QAM	1	74	19.92	20.07	19.97		
15	64QAM	36	0	18.98	19.05	18.86	20	3
15	64QAM	36	20	19.00	18.99	18.80		
15	64QAM	36	39	19.04	19.09	18.92		
15	64QAM	75	0	18.87	19.05	18.99		
15	256QAM	1	0	19.04	18.99	19.03	20	3
15	256QAM	1	37	18.99	19.17	18.99		
15	256QAM	1	74	19.13	19.03	19.10		
15	256QAM	36	0	18.94	19.05	19.14	20	3
15	256QAM	36	20	18.87	19.22	19.08		
15	256QAM	36	39	18.92	19.09	18.91		
15	256QAM	75	0	19.00	18.94	18.82		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	21.90	22.15	21.95	23	0
10	QPSK	1	25	22.04	21.97	21.87		
10	QPSK	1	49	21.82	21.94	21.97		
10	QPSK	25	0	21.96	21.94	21.99	23	0
10	QPSK	25	12	21.68	21.83	21.98		
10	QPSK	25	25	21.73	21.80	21.80		
10	QPSK	50	0	21.76	22.03	21.86		
10	16QAM	1	0	20.81	21.07	21.09	22	1
10	16QAM	1	25	21.16	21.10	21.00		
10	16QAM	1	49	21.00	21.00	21.00		
10	16QAM	25	0	19.79	20.08	20.01	21	2
10	16QAM	25	12	19.94	20.04	20.09		
10	16QAM	25	25	19.98	20.02	20.03		
10	16QAM	50	0	20.05	20.27	19.95		
10	64QAM	1	0	19.93	20.13	20.01	21	2
10	64QAM	1	25	19.76	20.07	20.08		
10	64QAM	1	49	19.84	20.12	19.88		
10	64QAM	25	0	18.95	19.00	19.03	20	3
10	64QAM	25	12	19.01	19.12	18.96		
10	64QAM	25	25	18.94	19.01	18.81		
10	64QAM	50	0	18.81	18.96	19.04		
10	256QAM	1	0	18.99	19.04	18.99	20	3
10	256QAM	1	25	19.10	19.11	19.06		
10	256QAM	1	49	19.09	18.93	19.09		
10	256QAM	25	0	19.10	18.90	18.96	20	3
10	256QAM	25	12	18.81	19.14	18.99		
10	256QAM	25	25	19.02	19.07	18.88		
10	256QAM	50	0	18.94	18.96	18.78		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.96	22.15	22.13	23	0
5	QPSK	1	12	22.07	21.89	21.90		
5	QPSK	1	24	21.85	22.09	21.90		
5	QPSK	12	0	21.78	22.10	21.94	23	0
5	QPSK	12	7	21.68	21.85	21.97		
5	QPSK	12	13	21.73	21.89	21.87		
5	QPSK	25	0	21.88	21.96	21.92		
5	16QAM	1	0	20.92	21.14	20.99	22	1
5	16QAM	1	12	20.94	21.08	20.94		
5	16QAM	1	24	20.86	20.87	21.02		
5	16QAM	12	0	20.00	20.10	20.05	21	2
5	16QAM	12	7	19.79	20.11	20.06		
5	16QAM	12	13	20.03	19.97	20.10		
5	16QAM	25	0	19.87	20.15	19.93		
5	64QAM	1	0	20.03	20.15	19.90	21	2
5	64QAM	1	12	19.87	20.28	20.10		
5	64QAM	1	24	19.91	20.17	19.98		
5	64QAM	12	0	18.91	18.94	18.81	20	3
5	64QAM	12	7	18.94	19.01	18.93		
5	64QAM	12	13	19.01	19.06	18.85		
5	64QAM	25	0	18.83	19.07	18.88		
5	256QAM	1	0	19.01	19.12	18.96	20	3
5	256QAM	1	12	19.09	19.02	19.15		
5	256QAM	1	24	19.16	19.11	18.93		
5	256QAM	12	0	19.03	18.84	18.96	20	3
5	256QAM	12	7	18.98	19.19	19.04		
5	256QAM	12	13	19.08	19.21	18.86		
5	256QAM	25	0	18.98	19.14	18.92		

Reduced Power Mode for LTE Band 42 DSI3 Part 96

LTE Band 42 DSI3
FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	18.97	19.15	18.91		
20	QPSK	1	49	18.97	18.89	18.86	20.3	0
20	QPSK	1	99	18.85	18.89	18.75		
20	QPSK	50	0	19.00	19.13	18.84		
20	QPSK	50	24	18.74	19.04	18.77	20.3	0
20	QPSK	50	50	18.72	19.00	18.86		
20	QPSK	100	0	18.81	19.07	18.90		
20	16QAM	1	0	18.79	18.95	18.76		
20	16QAM	1	49	18.81	18.98	18.81	20.3	0
20	16QAM	1	99	18.87	19.00	18.77		
20	16QAM	50	0	18.76	18.81	18.73		
20	16QAM	50	24	18.83	19.03	18.64	20.3	0
20	16QAM	50	50	18.84	18.97	18.91		
20	16QAM	100	0	18.70	19.04	18.80		
20	64QAM	1	0	18.87	19.07	18.71		
20	64QAM	1	49	18.97	18.87	18.72	20.3	0
20	64QAM	1	99	18.81	18.93	18.80		
20	64QAM	50	0	18.75	18.99	18.68		
20	64QAM	50	24	18.85	18.94	18.79	20.3	0
20	64QAM	50	50	18.85	18.98	18.87		
20	64QAM	100	0	18.84	19.04	18.85		
20	256QAM	1	0	17.88	18.11	17.92		
20	256QAM	1	49	17.94	18.10	17.89	19.3	1
20	256QAM	1	99	17.93	18.09	17.89		
20	256QAM	50	0	17.97	18.03	17.73		
20	256QAM	50	24	17.81	18.10	17.85	19.3	1
20	256QAM	50	50	17.80	17.96	17.92		
20	256QAM	100	0	17.80	18.21	17.95		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	18.87	19.07	18.86		
15	QPSK	1	37	18.85	18.84	18.75	20.3	0
15	QPSK	1	74	18.78	18.73	18.83		
15	QPSK	36	0	18.94	19.05	18.78		
15	QPSK	36	20	18.62	18.91	18.65	20.3	0
15	QPSK	36	39	18.60	18.87	18.72		
15	QPSK	75	0	18.73	18.92	18.77		
15	16QAM	1	0	18.67	18.89	18.62		
15	16QAM	1	37	18.74	18.92	18.70	20.3	0
15	16QAM	1	74	18.77	18.87	18.64		
15	16QAM	36	0	18.69	18.69	18.60		
15	16QAM	36	20	18.73	18.89	18.59	20.3	0
15	16QAM	36	39	18.72	18.88	18.80		
15	16QAM	75	0	18.64	18.94	18.67		
15	64QAM	1	0	18.81	18.94	18.59		
15	64QAM	1	37	18.92	18.78	18.59	20.3	0
15	64QAM	1	74	18.74	18.83	18.65		
15	64QAM	36	0	18.68	18.91	18.57		
15	64QAM	36	20	18.69	18.89	18.64	20.3	0
15	64QAM	36	39	18.71	18.88	18.76		
15	64QAM	75	0	18.77	18.91	18.80		
15	256QAM	1	0	17.76	18.01	17.85		
15	256QAM	1	37	17.81	18.03	17.75	19.3	1
15	256QAM	1	74	17.84	18.02	17.75		
15	256QAM	36	0	17.82	17.94	17.61		
15	256QAM	36	20	17.69	18.05	17.75	19.3	1
15	256QAM	36	39	17.73	17.82	17.83		
15	256QAM	75	0	17.75	18.07	17.82		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	18.83	19.04	18.80		
10	QPSK	1	25	18.84	18.74	18.74	20.3	0
10	QPSK	1	49	18.78	18.81	18.59		
10	QPSK	25	0	18.86	19.07	18.75		
10	QPSK	25	12	18.60	18.99	18.72	20.3	0
10	QPSK	25	25	18.63	18.93	18.71		
10	QPSK	50	0	18.76	19.02	18.79		
10	16QAM	1	0	18.73	18.90	18.71		
10	16QAM	1	25	18.75	18.88	18.74	20.3	0
10	16QAM	1	49	18.77	18.94	18.72		
10	16QAM	25	0	18.71	18.72	18.64		
10	16QAM	25	12	18.74	18.89	18.51	20.3	0
10	16QAM	25	25	18.68	18.90	18.84		
10	16QAM	50	0	18.54	18.99	18.66		
10	64QAM	1	0	18.71	19.00	18.57		
10	64QAM	1	25	18.87	18.83	18.64	20.3	0
10	64QAM	1	49	18.66	18.77	18.70		
10	64QAM	25	0	18.63	18.84	18.60		
10	64QAM	25	12	18.71	18.90	18.64	20.3	0
10	64QAM	25	25	18.73	18.90	18.79		
10	64QAM	50	0	18.69	18.92	18.74		
10	256QAM	1	0	17.76	17.97	17.88		
10	256QAM	1	25	17.86	18.02	17.75	19.3	1
10	256QAM	1	49	17.82	17.99	17.81		
10	256QAM	25	0	17.91	17.90	17.61		
10	256QAM	25	12	17.67	17.95	17.78	19.3	1
10	256QAM	25	25	17.70	17.83	17.80		
10	256QAM	50	0	17.71	18.17	17.88		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	18.86	19.04	18.77		
5	QPSK	1	12	18.90	18.85	18.77	20.3	0
5	QPSK	1	24	18.74	18.78	18.63		
5	QPSK	12	0	18.90	19.03	18.68		
5	QPSK	12	7	18.69	18.96	18.66	20.3	0
5	QPSK	12	13	18.62	18.91	18.78		
5	QPSK	25	0	18.68	19.00	18.77		
5	16QAM	1	0	18.63	18.83	18.70		
5	16QAM	1	12	18.68	18.87	18.67	20.3	0
5	16QAM	1	24	18.81	18.92	18.72		
5	16QAM	12	0	18.67	18.77	18.63		
5	16QAM	12	7	18.75	18.88	18.55	20.3	0
5	16QAM	12	13	18.78	18.88	18.83		
5	16QAM	25	0	18.61	18.89	18.70		
5	64QAM	1	0	18.76	19.01	18.63		
5	64QAM	1	12	18.82	18.77	18.63	20.3	0
5	64QAM	1	24	18.75	18.82	18.75		
5	64QAM	12	0	18.62	18.92	18.58		
5	64QAM	12	7	18.81	18.88	18.67	20.3	0
5	64QAM	12	13	18.80	18.90	18.78		
5	64QAM	25	0	18.78	18.88	18.75		
5	256QAM	1	0	17.77	18.03	17.76		
5	256QAM	1	12	17.88	17.97	17.80	19.3	1
5	256QAM	1	24	17.77	18.00	17.77		
5	256QAM	12	0	17.88	17.96	17.67		
5	256QAM	12	7	17.67	18.01	17.75	19.3	1
5	256QAM	12	13	17.70	17.89	17.86		
5	256QAM	25	0	17.65	18.06	17.86		

LTE Band 42 Default

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.12	22.23	22.15	23	0
20	QPSK	1	49	22.05	22.13	22.17		
20	QPSK	1	99	22.10	22.15	22.13		
20	QPSK	50	0	22.13	22.21	22.17	23	0
20	QPSK	50	24	22.07	21.95	22.08		
20	QPSK	50	50	22.05	22.04	22.14		
20	QPSK	100	0	22.11	22.20	22.15		
20	16QAM	1	0	21.29	21.50	21.49	22	1
20	16QAM	1	49	21.31	21.30	21.49		
20	16QAM	1	99	21.32	21.30	21.40		
20	16QAM	50	0	20.60	20.63	20.40	21	2
20	16QAM	50	24	20.60	20.58	20.35		
20	16QAM	50	50	20.55	20.46	20.40		
20	16QAM	100	0	20.48	20.42	20.51		
20	64QAM	1	0	20.46	20.53	20.35	21	2
20	64QAM	1	49	20.54	20.61	20.58		
20	64QAM	1	99	20.55	20.30	20.35		
20	64QAM	50	0	19.45	19.35	19.44	20	3
20	64QAM	50	24	19.45	19.60	19.38		
20	64QAM	50	50	19.41	19.47	19.58		
20	64QAM	100	0	19.46	19.35	19.47		
20	256QAM	1	0	17.35	17.45	17.53	18	5
20	256QAM	1	49	17.59	17.47	17.57		
20	256QAM	1	99	17.55	17.65	17.34		
20	256QAM	50	0	17.53	17.60	17.55	18	5
20	256QAM	50	24	17.68	17.58	17.36		
20	256QAM	50	50	17.54	17.46	17.39		
20	256QAM	100	0	17.32	17.54	17.57		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.01	22.09	22.00	23	0
15	QPSK	1	37	21.95	22.21	21.98		
15	QPSK	1	74	21.99	21.95	21.95		
15	QPSK	36	0	22.11	22.09	22.01	23	0
15	QPSK	36	20	22.03	21.84	22.01		
15	QPSK	36	39	21.95	21.84	22.01		
15	QPSK	75	0	21.93	22.07	22.03		
15	16QAM	1	0	21.20	21.34	21.47	22	1
15	16QAM	1	37	21.25	21.31	21.29		
15	16QAM	1	74	21.14	21.23	21.31		
15	16QAM	36	0	20.59	20.58	20.21	21	2
15	16QAM	36	20	20.58	20.44	20.13		
15	16QAM	36	39	20.38	20.26	20.19		
15	16QAM	75	0	20.48	20.35	20.34		
15	64QAM	1	0	20.32	20.51	20.27	21	2
15	64QAM	1	37	20.43	20.55	20.60		
15	64QAM	1	74	20.49	20.28	20.32		
15	64QAM	36	0	19.35	19.31	19.43	20	3
15	64QAM	36	20	19.47	19.58	19.18		
15	64QAM	36	39	19.30	19.26	19.58		
15	64QAM	75	0	19.32	19.22	19.37		
15	256QAM	1	0	17.28	17.45	17.52	18	5
15	256QAM	1	37	17.40	17.47	17.42		
15	256QAM	1	74	17.39	17.56	17.35		
15	256QAM	36	0	17.45	17.40	17.38	18	5
15	256QAM	36	20	17.57	17.38	17.17		
15	256QAM	36	39	17.48	17.29	17.26		
15	256QAM	75	0	17.19	17.41	17.49		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.11	22.15	22.08	23	0
10	QPSK	1	25	22.05	21.92	22.01		
10	QPSK	1	49	22.01	22.13	21.97		
10	QPSK	25	0	22.03	22.11	22.07	23	0
10	QPSK	25	12	22.05	21.76	21.92		
10	QPSK	25	25	21.84	21.93	22.07		
10	QPSK	50	0	22.01	22.09	22.04		
10	16QAM	1	0	21.30	21.49	21.35	22	1
10	16QAM	1	25	21.14	21.26	21.45		
10	16QAM	1	49	21.11	21.25	21.31		
10	16QAM	25	0	20.53	20.58	20.19	21	2
10	16QAM	25	12	20.39	20.53	20.37		
10	16QAM	25	25	20.41	20.31	20.23		
10	16QAM	50	0	20.34	20.20	20.32		
10	64QAM	1	0	20.34	20.53	20.35	21	2
10	64QAM	1	25	20.33	20.45	20.58		
10	64QAM	1	49	20.33	20.10	20.35		
10	64QAM	25	0	19.25	19.14	19.30	20	3
10	64QAM	25	12	19.30	19.38	19.20		
10	64QAM	25	25	19.32	19.36	19.43		
10	64QAM	50	0	19.36	19.32	19.45		
10	256QAM	1	0	17.23	17.30	17.44	18	5
10	256QAM	1	25	17.43	17.41	17.57		
10	256QAM	1	49	17.37	17.45	17.14		
10	256QAM	25	0	17.44	17.58	17.47	18	5
10	256QAM	25	12	17.49	17.41	17.36		
10	256QAM	25	25	17.42	17.43	17.39		
10	256QAM	50	0	17.28	17.52	17.38		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.97	22.09	22.01	23	0
5	QPSK	1	12	22.02	22.14	22.15		
5	QPSK	1	24	22.03	22.05	22.14		
5	QPSK	12	0	22.01	22.09	22.09	23	0
5	QPSK	12	7	21.90	21.82	21.97		
5	QPSK	12	13	21.98	21.90	22.07		
5	QPSK	25	0	21.95	22.15	22.13		
5	16QAM	1	0	21.29	21.37	21.46	22	1
5	16QAM	1	12	21.20	21.14	21.40		
5	16QAM	1	24	21.33	21.31	21.37		
5	16QAM	12	0	20.59	20.64	20.41	21	2
5	16QAM	12	7	20.44	20.42	20.24		
5	16QAM	12	13	20.44	20.46	20.27		
5	16QAM	25	0	20.39	20.40	20.53		
5	64QAM	1	0	20.28	20.38	20.32	21	2
5	64QAM	1	12	20.36	20.55	20.46		
5	64QAM	1	24	20.54	20.20	20.22		
5	64QAM	12	0	19.44	19.15	19.43	20	3
5	64QAM	12	7	19.40	19.40	19.36		
5	64QAM	12	13	19.26	19.28	19.49		
5	64QAM	25	0	19.32	19.15	19.37		
5	256QAM	1	0	17.24	17.25	17.55	18	5
5	256QAM	1	12	17.60	17.48	17.50		
5	256QAM	1	24	17.43	17.53	17.33		
5	256QAM	12	0	17.37	17.59	17.55	18	5
5	256QAM	12	7	17.52	17.56	17.24		
5	256QAM	12	13	17.44	17.44	17.25		
5	256QAM	25	0	17.26	17.53	17.44		

LTE Band 42 DSI3

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	19.94	20.06	19.97	20.8	0
20	QPSK	1	49	19.93	20.02	19.92		
20	QPSK	1	99	19.81	19.87	19.82		
20	QPSK	50	0	19.98	20.04	20.02	20.8	0
20	QPSK	50	24	19.92	20.00	19.88		
20	QPSK	50	50	19.92	19.92	19.94		
20	QPSK	100	0	19.93	20.03	19.99		
20	16QAM	1	0	19.89	19.96	19.91	20.8	0
20	16QAM	1	49	19.82	19.93	19.83		
20	16QAM	1	99	19.88	20.05	19.81		
20	16QAM	50	0	19.80	19.90	19.89	20.8	0
20	16QAM	50	24	19.97	19.97	19.84		
20	16QAM	50	50	19.77	20.04	19.84		
20	16QAM	100	0	19.78	19.83	19.77		
20	64QAM	1	0	19.95	19.97	19.94	20.8	0
20	64QAM	1	49	19.96	19.88	19.76		
20	64QAM	1	99	19.82	19.87	19.92		
20	64QAM	50	0	19.46	19.46	19.39	20.3	0.5
20	64QAM	50	24	19.44	19.50	19.43		
20	64QAM	50	50	19.42	19.57	19.34		
20	64QAM	100	0	19.48	19.61	19.54		
20	256QAM	1	0	18.52	18.59	18.37	19.3	1.5
20	256QAM	1	49	18.49	18.52	18.31		
20	256QAM	1	99	18.49	18.53	18.46		
20	256QAM	50	0	18.52	18.48	18.40	19.3	1.5
20	256QAM	50	24	18.35	18.72	18.38		
20	256QAM	50	50	18.49	18.56	18.52		
20	256QAM	100	0	18.33	18.58	18.39		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	19.82	19.98	19.90	20.8	0
15	QPSK	1	37	19.82	19.92	19.81		
15	QPSK	1	74	19.77	19.79	19.75		
15	QPSK	36	0	19.91	19.97	19.93	20.8	0
15	QPSK	36	20	19.85	19.85	19.80		
15	QPSK	36	39	19.87	19.84	19.81		
15	QPSK	75	0	19.80	19.97	19.83		
15	16QAM	1	0	19.75	19.83	19.85	20.8	0
15	16QAM	1	37	19.70	19.79	19.79		
15	16QAM	1	74	19.78	19.95	19.76		
15	16QAM	36	0	19.73	19.85	19.78	20.8	0
15	16QAM	36	20	19.83	19.91	19.73		
15	16QAM	36	39	19.71	19.98	19.74		
15	16QAM	75	0	19.70	19.75	19.61		
15	64QAM	1	0	19.81	19.84	19.87	20.8	0
15	64QAM	1	37	19.87	19.76	19.71		
15	64QAM	1	74	19.76	19.73	19.81		
15	64QAM	36	0	19.32	19.39	19.33	20.3	0.5
15	64QAM	36	20	19.34	19.38	19.28		
15	64QAM	36	39	19.36	19.44	19.23		
15	64QAM	75	0	19.41	19.48	19.48		
15	256QAM	1	0	18.46	18.44	18.25	19.3	1.5
15	256QAM	1	37	18.37	18.40	18.17		
15	256QAM	1	74	18.34	18.38	18.39		
15	256QAM	36	0	18.41	18.39	18.28	19.3	1.5
15	256QAM	36	20	18.19	18.68	18.30		
15	256QAM	36	39	18.38	18.49	18.45		
15	256QAM	75	0	18.23	18.49	18.34		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	19.85	19.92	19.89	20.8	0
10	QPSK	1	25	19.78	20.02	19.81		
10	QPSK	1	49	19.70	19.82	19.70		
10	QPSK	25	0	19.91	19.90	19.95	20.8	0
10	QPSK	25	12	19.78	19.85	19.75		
10	QPSK	25	25	19.79	19.82	19.82		
10	QPSK	50	0	19.79	19.91	19.89		
10	16QAM	1	0	19.79	19.90	19.84	20.8	0
10	16QAM	1	25	19.74	19.83	19.74		
10	16QAM	1	49	19.75	19.94	19.67		
10	16QAM	25	0	19.72	19.76	19.82	20.8	0
10	16QAM	25	12	19.87	19.87	19.71		
10	16QAM	25	25	19.66	19.95	19.69		
10	16QAM	50	0	19.74	19.71	19.70		
10	64QAM	1	0	19.80	19.83	19.85	20.8	0
10	64QAM	1	25	19.87	19.78	19.67		
10	64QAM	1	49	19.74	19.72	19.86		
10	64QAM	25	0	19.31	19.33	19.29	20.3	0.5
10	64QAM	25	12	19.33	19.41	19.32		
10	64QAM	25	25	19.34	19.53	19.28		
10	64QAM	50	0	19.40	19.51	19.44		
10	256QAM	1	0	18.41	18.49	18.24	19.3	1.5
10	256QAM	1	25	18.41	18.43	18.21		
10	256QAM	1	49	18.43	18.42	18.38		
10	256QAM	25	0	18.43	18.41	18.26	19.3	1.5
10	256QAM	25	12	18.29	18.68	18.29		
10	256QAM	25	25	18.44	18.49	18.46		
10	256QAM	50	0	18.26	18.44	18.32		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	19.89	19.90	19.87	20.8	0
5	QPSK	1	12	19.87	20.00	19.81		
5	QPSK	1	24	19.67	19.74	19.70		
5	QPSK	12	0	19.86	19.91	19.92	20.8	0
5	QPSK	12	7	19.85	19.93	19.80		
5	QPSK	12	13	19.82	19.82	19.83		
5	QPSK	25	0	19.81	19.94	19.93		
5	16QAM	1	0	19.83	19.87	19.79	20.8	0
5	16QAM	1	12	19.75	19.77	19.79		
5	16QAM	1	24	19.81	19.92	19.66		
5	16QAM	12	0	19.73	19.81	19.79	20.8	0
5	16QAM	12	7	19.81	19.86	19.76		
5	16QAM	12	13	19.67	19.97	19.77		
5	16QAM	25	0	19.70	19.72	19.65		
5	64QAM	1	0	19.82	19.83	19.81	20.8	0
5	64QAM	1	12	19.80	19.76	19.65		
5	64QAM	1	24	19.75	19.74	19.80		
5	64QAM	12	0	19.32	19.41	19.26	20.3	0.5
5	64QAM	12	7	19.36	19.41	19.39		
5	64QAM	12	13	19.29	19.48	19.29		
5	64QAM	25	0	19.34	19.51	19.47		
5	256QAM	1	0	18.38	18.48	18.27	19.3	1.5
5	256QAM	1	12	18.39	18.43	18.22		
5	256QAM	1	24	18.42	18.48	18.35		
5	256QAM	12	0	18.39	18.40	18.35	19.3	1.5
5	256QAM	12	7	18.22	18.58	18.23		
5	256QAM	12	13	18.39	18.46	18.47		
5	256QAM	25	0	18.29	18.49	18.29		

LTE Band 42 Default

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.06	22.16	22.12	23	0
20	QPSK	1	49	22.14	22.07	22.06		
20	QPSK	1	99	21.99	22.07	21.98		
20	QPSK	50	0	21.99	22.14	22.08	23	0
20	QPSK	50	24	21.88	21.97	22.02		
20	QPSK	50	50	21.93	21.97	21.88		
20	QPSK	100	0	21.87	22.03	21.94		
20	16QAM	1	0	20.96	21.13	21.18	22	1
20	16QAM	1	49	21.15	21.18	21.14		
20	16QAM	1	99	21.03	21.05	21.04		
20	16QAM	50	0	20.00	20.22	20.15	21	2
20	16QAM	50	24	19.98	20.26	20.17		
20	16QAM	50	50	20.12	20.14	20.19		
20	16QAM	100	0	20.04	20.27	20.10		
20	64QAM	1	0	20.03	20.13	20.02	21	2
20	64QAM	1	49	19.97	20.27	20.17		
20	64QAM	1	99	20.05	20.15	20.05		
20	64QAM	50	0	19.11	19.10	19.02	20	3
20	64QAM	50	24	19.02	19.15	19.00		
20	64QAM	50	50	19.05	19.07	19.01		
20	64QAM	100	0	19.02	19.06	19.06		
20	256QAM	1	0	19.08	19.18	19.06	20	3
20	256QAM	1	49	19.13	19.22	19.20		
20	256QAM	1	99	19.16	19.15	19.12		
20	256QAM	50	0	19.14	19.04	19.16	20	3
20	256QAM	50	24	19.02	19.27	19.15		
20	256QAM	50	50	19.11	19.20	19.00		
20	256QAM	100	0	18.99	19.13	18.99		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	21.95	21.99	22.04	23	0
15	QPSK	1	37	22.04	21.90	22.07		
15	QPSK	1	74	21.95	22.01	21.94		
15	QPSK	36	0	21.84	22.02	22.01	23	0
15	QPSK	36	20	21.84	21.78	21.84		
15	QPSK	36	39	21.92	21.85	21.75		
15	QPSK	75	0	21.67	22.05	21.76		
15	16QAM	1	0	20.90	21.08	21.01	22	1
15	16QAM	1	37	21.15	21.09	21.07		
15	16QAM	1	74	20.85	21.05	20.91		
15	16QAM	36	0	19.99	20.05	20.11	21	2
15	16QAM	36	20	19.89	20.11	20.07		
15	16QAM	36	39	20.12	20.06	20.05		
15	16QAM	75	0	19.88	20.25	19.97		
15	64QAM	1	0	19.86	20.08	19.92	21	2
15	64QAM	1	37	19.87	20.14	19.98		
15	64QAM	1	74	19.92	20.07	19.97		
15	64QAM	36	0	18.98	19.05	18.86	20	3
15	64QAM	36	20	19.00	18.99	18.80		
15	64QAM	36	39	19.04	19.09	18.92		
15	64QAM	75	0	18.87	19.05	18.99		
15	256QAM	1	0	19.04	18.99	19.03	20	3
15	256QAM	1	37	18.99	19.17	18.99		
15	256QAM	1	74	19.13	19.03	19.10		
15	256QAM	36	0	18.94	19.05	19.14	20	3
15	256QAM	36	20	18.87	19.22	19.08		
15	256QAM	36	39	18.92	19.09	18.91		
15	256QAM	75	0	19.00	18.94	18.82		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	21.90	22.15	21.95	23	0
10	QPSK	1	25	22.04	21.97	21.87		
10	QPSK	1	49	21.82	21.94	21.97		
10	QPSK	25	0	21.96	21.94	21.99	23	0
10	QPSK	25	12	21.68	21.83	21.98		
10	QPSK	25	25	21.73	21.80	21.80		
10	QPSK	50	0	21.76	22.03	21.86		
10	16QAM	1	0	20.81	21.07	21.09	22	1
10	16QAM	1	25	21.16	21.10	21.00		
10	16QAM	1	49	21.00	21.00	21.00		
10	16QAM	25	0	19.79	20.08	20.01	21	2
10	16QAM	25	12	19.94	20.04	20.09		
10	16QAM	25	25	19.98	20.02	20.03		
10	16QAM	50	0	20.05	20.27	19.95		
10	64QAM	1	0	19.93	20.13	20.01	21	2
10	64QAM	1	25	19.76	20.07	20.08		
10	64QAM	1	49	19.84	20.12	19.88		
10	64QAM	25	0	18.95	19.00	19.03	20	3
10	64QAM	25	12	19.01	19.12	18.96		
10	64QAM	25	25	18.94	19.01	18.81		
10	64QAM	50	0	18.81	18.96	19.04		
10	256QAM	1	0	18.99	19.04	18.99	20	3
10	256QAM	1	25	19.10	19.11	19.06		
10	256QAM	1	49	19.09	18.93	19.09		
10	256QAM	25	0	19.10	18.90	18.96	20	3
10	256QAM	25	12	18.81	19.14	18.99		
10	256QAM	25	25	19.02	19.07	18.88		
10	256QAM	50	0	18.94	18.96	18.78		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.96	22.15	22.13	23	0
5	QPSK	1	12	22.07	21.89	21.90		
5	QPSK	1	24	21.85	22.09	21.90		
5	QPSK	12	0	21.78	22.10	21.94	23	0
5	QPSK	12	7	21.68	21.85	21.97		
5	QPSK	12	13	21.73	21.89	21.87		
5	QPSK	25	0	21.88	21.96	21.92		
5	16QAM	1	0	20.92	21.14	20.99	22	1
5	16QAM	1	12	20.94	21.08	20.94		
5	16QAM	1	24	20.86	20.87	21.02		
5	16QAM	12	0	20.00	20.10	20.05	21	2
5	16QAM	12	7	19.79	20.11	20.06		
5	16QAM	12	13	20.03	19.97	20.10		
5	16QAM	25	0	19.87	20.15	19.93		
5	64QAM	1	0	20.03	20.15	19.90	21	2
5	64QAM	1	12	19.87	20.28	20.10		
5	64QAM	1	24	19.91	20.17	19.98		
5	64QAM	12	0	18.91	18.94	18.81	20	3
5	64QAM	12	7	18.94	19.01	18.93		
5	64QAM	12	13	19.01	19.06	18.85		
5	64QAM	25	0	18.83	19.07	18.88		
5	256QAM	1	0	19.01	19.12	18.96	20	3
5	256QAM	1	12	19.09	19.02	19.15		
5	256QAM	1	24	19.16	19.11	18.93		
5	256QAM	12	0	19.03	18.84	18.96	20	3
5	256QAM	12	7	18.98	19.19	19.04		
5	256QAM	12	13	19.08	19.21	18.86		
5	256QAM	25	0	18.98	19.14	18.92		

Reduced Power Mode for B42 Part96 DSI5 Simultaneous

LTE Band 42 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3590	3575	3590		
20	QPSK	1	0	20.69	20.77	20.67	22	0
20	QPSK	1	49	20.63	20.75	20.66		
20	QPSK	1	99	20.69	20.65	20.70		
20	QPSK	50	0	19.95	20.12	20.02	21	1
20	QPSK	50	24	19.98	20.05	20.05		
20	QPSK	50	50	20.02	20.11	19.99		
20	QPSK	100	0	20.09	20.11	20.09		
20	16QAM	1	0	20.00	20.01	20.12	21	1
20	16QAM	1	49	20.00	19.96	20.08		
20	16QAM	1	99	20.00	20.01	19.92		
20	16QAM	50	0	19.21	19.15	18.98	20	2
20	16QAM	50	24	19.16	19.13	18.98		
20	16QAM	50	50	19.13	18.97	19.11		
20	16QAM	100	0	19.07	18.98	19.15		
20	64QAM	1	0	18.98	19.15	18.98	20	2
20	64QAM	1	49	19.17	19.17	19.13		
20	64QAM	1	99	19.14	19.00	19.01		
20	64QAM	50	0	17.99	17.99	17.98	19	3
20	64QAM	50	24	18.15	18.14	18.00		
20	64QAM	50	50	18.01	18.02	18.15		
20	64QAM	100	0	18.16	17.98	18.01		
20	256QAM	1	0	16.02	16.17	16.11	17	5
20	256QAM	1	49	16.14	16.06	16.23		
20	256QAM	1	99	16.15	16.18	16.02		
20	256QAM	50	0	16.06	16.10	16.18	17	5
20	256QAM	50	24	16.19	16.08	16.06		
20	256QAM	50	50	16.18	16.15	16.10		
20	256QAM	100	0	16.03	16.13	16.17		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	20.55	20.74	20.56	22	0
15	QPSK	1	37	20.60	20.54	20.56		
15	QPSK	1	74	20.68	20.63	20.65		
15	QPSK	36	0	19.75	19.94	19.99	21	1
15	QPSK	36	20	19.90	19.88	19.96		
15	QPSK	36	39	20.01	20.09	19.98		
15	QPSK	75	0	20.07	20.10	19.92		
15	16QAM	1	0	19.89	19.92	19.99	21	1
15	16QAM	1	37	19.99	19.85	20.04		
15	16QAM	1	74	19.97	19.94	19.81		
15	16QAM	36	0	19.21	19.10	18.91	20	2
15	16QAM	36	20	19.06	18.99	18.98		
15	16QAM	36	39	19.13	18.89	19.06		
15	16QAM	75	0	19.05	18.91	19.10		
15	64QAM	1	0	18.93	19.10	18.82	20	2
15	64QAM	1	37	19.13	19.15	19.11		
15	64QAM	1	74	19.10	19.00	18.81		
15	64QAM	36	0	17.93	17.98	17.98	19	3
15	64QAM	36	20	18.11	18.14	17.87		
15	64QAM	36	39	17.87	17.88	18.15		
15	64QAM	75	0	18.00	17.81	17.93		
15	256QAM	1	0	15.89	15.96	15.93	17	5
15	256QAM	1	37	15.93	15.99	16.07		
15	256QAM	1	74	16.14	16.05	15.89		
15	256QAM	36	0	16.05	16.10	15.97	17	5
15	256QAM	36	20	16.02	15.90	15.96		
15	256QAM	36	39	16.11	16.02	16.02		
15	256QAM	75	0	15.99	16.05	16.14		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	20.61	20.56	20.69	22	0
10	QPSK	1	25	20.44	20.74	20.60		
10	QPSK	1	49	20.58	20.58	20.61		
10	QPSK	25	0	19.90	20.10	19.87	21	1
10	QPSK	25	12	19.83	19.99	19.97		
10	QPSK	25	25	19.92	19.99	19.86		
10	QPSK	50	0	20.02	19.96	19.94		
10	16QAM	1	0	19.90	19.84	19.94	21	1
10	16QAM	1	25	20.00	19.75	19.99		
10	16QAM	1	49	20.00	19.91	19.87		
10	16QAM	25	0	19.03	19.06	18.92	20	2
10	16QAM	25	12	19.03	19.01	18.92		
10	16QAM	25	25	19.05	18.98	18.94		
10	16QAM	50	0	18.91	18.80	19.08		
10	64QAM	1	0	18.88	19.11	18.98	20	2
10	64QAM	1	25	19.14	19.08	19.11		
10	64QAM	1	49	19.12	18.98	18.82		
10	64QAM	25	0	17.88	17.91	17.99	19	3
10	64QAM	25	12	18.16	18.05	17.98		
10	64QAM	25	25	17.94	17.90	17.95		
10	64QAM	50	0	18.06	17.86	17.81		
10	256QAM	1	0	15.99	16.09	16.09	17	5
10	256QAM	1	25	16.11	15.86	16.16		
10	256QAM	1	49	15.98	16.09	15.87		
10	256QAM	25	0	16.08	15.91	16.17	17	5
10	256QAM	25	12	16.11	15.94	16.03		
10	256QAM	25	25	16.14	16.08	15.89		
10	256QAM	50	0	15.99	15.96	16.12		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	20.67	20.73	20.45	22	0
5	QPSK	1	12	20.55	20.62	20.46		
5	QPSK	1	24	20.64	20.48	20.67		
5	QPSK	12	0	19.89	20.06	19.97	21	1
5	QPSK	12	7	19.97	19.96	19.94		
5	QPSK	12	13	20.04	20.05	19.95		
5	QPSK	25	0	19.92	20.11	19.98		
5	16QAM	1	0	19.92	19.80	19.95	21	1
5	16QAM	1	12	19.98	19.89	20.04		
5	16QAM	1	24	19.84	19.82	19.78		
5	16QAM	12	0	19.00	19.14	18.91	20	2
5	16QAM	12	7	19.08	18.92	18.92		
5	16QAM	12	13	18.94	18.93	18.90		
5	16QAM	25	0	18.91	18.85	18.98		
5	64QAM	1	0	18.81	19.15	18.85	20	2
5	64QAM	1	12	18.97	19.12	19.00		
5	64QAM	1	24	19.03	18.96	18.82		
5	64QAM	12	0	17.81	17.89	17.99	19	3
5	64QAM	12	7	18.07	18.10	17.82		
5	64QAM	12	13	17.92	17.86	17.95		
5	64QAM	25	0	18.01	17.95	17.97		
5	256QAM	1	0	15.83	16.06	16.11	17	5
5	256QAM	1	12	16.09	15.87	16.24		
5	256QAM	1	24	15.98	16.11	16.02		
5	256QAM	12	0	16.06	15.90	16.02	17	5
5	256QAM	12	7	16.08	15.94	15.88		
5	256QAM	12	13	16.08	16.15	15.91		
5	256QAM	25	0	15.90	16.12	15.97		

LTE Band 42 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.12	22.23	22.15		
20	QPSK	1	49	22.05	22.13	22.17	23	0
20	QPSK	1	99	22.10	22.15	22.13		
20	QPSK	50	0	22.13	22.21	22.17		
20	QPSK	50	24	22.07	21.95	22.08	23	0
20	QPSK	50	50	22.05	22.04	22.14		
20	QPSK	100	0	22.11	22.20	22.15		
20	16QAM	1	0	21.29	21.50	21.49		
20	16QAM	1	49	21.31	21.30	21.49	22	1
20	16QAM	1	99	21.32	21.30	21.40		
20	16QAM	50	0	20.60	20.63	20.40		
20	16QAM	50	24	20.60	20.58	20.35	21	2
20	16QAM	50	50	20.55	20.46	20.40		
20	16QAM	100	0	20.48	20.42	20.51		
20	64QAM	1	0	20.46	20.53	20.35		
20	64QAM	1	49	20.54	20.61	20.58	21	2
20	64QAM	1	99	20.55	20.30	20.35		
20	64QAM	50	0	19.45	19.35	19.44		
20	64QAM	50	24	19.45	19.60	19.38	20	3
20	64QAM	50	50	19.41	19.47	19.58		
20	64QAM	100	0	19.46	19.35	19.47		
20	256QAM	1	0	17.35	17.45	17.53		
20	256QAM	1	49	17.59	17.47	17.57	18	5
20	256QAM	1	99	17.55	17.65	17.34		
20	256QAM	50	0	17.53	17.60	17.55		
20	256QAM	50	24	17.68	17.58	17.38	18	5
20	256QAM	50	50	17.54	17.46	17.39		
20	256QAM	100	0	17.32	17.54	17.57		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.01	22.09	22.00		
15	QPSK	1	37	21.95	22.21	21.98	23	0
15	QPSK	1	74	21.99	21.95	21.95		
15	QPSK	36	0	22.11	22.09	22.01		
15	QPSK	36	20	22.03	21.84	22.01	23	0
15	QPSK	36	39	21.95	21.84	22.01		
15	QPSK	75	0	21.93	22.07	22.03		
15	16QAM	1	0	21.20	21.34	21.47		
15	16QAM	1	37	21.25	21.31	21.29	22	1
15	16QAM	1	74	21.14	21.23	21.31		
15	16QAM	36	0	20.59	20.58	20.21		
15	16QAM	36	20	20.58	20.44	20.13	21	2
15	16QAM	36	39	20.38	20.26	20.19		
15	16QAM	75	0	20.48	20.35	20.34		
15	64QAM	1	0	20.32	20.51	20.27		
15	64QAM	1	37	20.43	20.55	20.60	21	2
15	64QAM	1	74	20.49	20.28	20.32		
15	64QAM	36	0	19.35	19.31	19.43		
15	64QAM	36	20	19.47	19.58	19.18	20	3
15	64QAM	36	39	19.30	19.26	19.58		
15	64QAM	75	0	19.32	19.22	19.37		
15	256QAM	1	0	17.28	17.45	17.52		
15	256QAM	1	37	17.40	17.47	17.42	18	5
15	256QAM	1	74	17.39	17.56	17.35		
15	256QAM	36	0	17.45	17.40	17.38		
15	256QAM	36	20	17.57	17.38	17.17	18	5
15	256QAM	36	39	17.48	17.29	17.26		
15	256QAM	75	0	17.19	17.41	17.49		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.11	22.15	22.08		
10	QPSK	1	25	22.05	21.92	22.01	23	0
10	QPSK	1	49	22.01	22.13	21.97		
10	QPSK	25	0	22.03	22.11	22.07		
10	QPSK	25	12	22.05	21.76	21.92	23	0
10	QPSK	25	25	21.84	21.93	22.07		
10	QPSK	50	0	22.01	22.09	22.04		
10	16QAM	1	0	21.30	21.49	21.35		
10	16QAM	1	25	21.14	21.26	21.45	22	1
10	16QAM	1	49	21.11	21.25	21.31		
10	16QAM	25	0	20.53	20.58	20.19		
10	16QAM	25	12	20.39	20.53	20.37	21	2
10	16QAM	25	25	20.41	20.31	20.23		
10	16QAM	50	0	20.34	20.20	20.32		
10	64QAM	1	0	20.34	20.53	20.35		
10	64QAM	1	25	20.33	20.45	20.58	21	2
10	64QAM	1	49	20.33	20.10	20.35		
10	64QAM	25	0	19.25	19.14	19.30		
10	64QAM	25	12	19.30	19.38	19.20	20	3
10	64QAM	25	25	19.32	19.36	19.43		
10	64QAM	50	0	19.36	19.32	19.45		
10	256QAM	1	0	17.23	17.30	17.44		
10	256QAM	1	25	17.43	17.41	17.57	18	5
10	256QAM	1	49	17.37	17.45	17.14		
10	256QAM	25	0	17.44	17.58	17.47		
10	256QAM	25	12	17.49	17.41	17.36	18	5
10	256QAM	25	25	17.42	17.43	17.39		
10	256QAM	50	0	17.28	17.52	17.38		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.97	22.09	22.01		
5	QPSK	1	12	22.02	22.14	22.15	23	0
5	QPSK	1	24	22.03	22.05	22.14		
5	QPSK	12	0	22.01	22.09	22.09		
5	QPSK	12	7	21.90	21.82	21.97	23	0
5	QPSK	12	13	21.98	21.90	22.07		
5	QPSK	25	0	21.95	22.15	22.13		
5	16QAM	1	0	21.29	21.37	21.46		
5	16QAM	1	12	21.20	21.14	21.40	22	1
5	16QAM	1	24	21.33	21.31	21.37		
5	16QAM	12	0	20.59	20.64	20.41		
5	16QAM	12	7	20.44	20.42	20.24	21	2
5	16QAM	12	13	20.44	20.46	20.27		
5	16QAM	25	0	20.39	20.40	20.53		
5	64QAM	1	0	20.28	20.38	20.32		
5	64QAM	1	12	20.36	20.55	20.46	21	2
5	64QAM	1	24	20.54	20.20	20.22		
5	64QAM	12	0	19.44	19.15	19.43		
5	64QAM	12	7	19.40	19.40	19.36	20	3
5	64QAM	12	13	19.26	19.28	19.49		
5	64QAM	25	0	19.32	19.15	19.37		
5	256QAM	1	0	17.24	17.25	17.55		
5	256QAM	1	12	17.60	17.48	17.50	18	5
5	256QAM	1	24	17.43	17.53	17.33		
5	256QAM	12	0	17.37	17.59	17.55		
5	256QAM	12	7	17.52	17.56	17.24	18	5
5	256QAM	12	13	17.44	17.44	17.25		
5	256QAM	25	0	17.26	17.53	17.44		

LTE Band 42 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	19.08	19.09	19.01		
20	QPSK	1	49	18.98	19.08	18.93	20	0
20	QPSK	1	99	19.06	18.90	18.78		
20	QPSK	50	0	18.96	19.07	18.89		
20	QPSK	50	24	18.94	18.95	18.83	20	0
20	QPSK	50	50	19.02	19.00	18.93		
20	QPSK	100	0	19.04	19.08	18.77		
20	16QAM	1	0	18.93	19.01	18.76		
20	16QAM	1	49	18.94	19.06	18.94	20	0
20	16QAM	1	99	18.96	18.98	18.93		
20	16QAM	50	0	18.94	18.98	18.97		
20	16QAM	50	24	19.07	18.98	18.78	20	0
20	16QAM	50	50	19.05	19.06	18.94		
20	16QAM	100	0	19.01	19.02	18.93		
20	64QAM	1	0	18.90	19.01	18.85		
20	64QAM	1	49	19.02	18.98	18.89	20	0
20	64QAM	1	99	18.96	19.00	18.78		
20	64QAM	50	0	19.07	19.04	18.82		
20	64QAM	50	24	19.06	18.87	18.97	20	0
20	64QAM	50	50	19.00	19.03	18.68		
20	64QAM	100	0	19.07	18.98	18.82		
20	256QAM	1	0	18.89	19.05	18.90		
20	256QAM	1	49	18.80	19.04	18.89	20	0
20	256QAM	1	99	18.67	18.84	18.81		
20	256QAM	50	0	18.97	19.08	18.72		
20	256QAM	50	24	18.75	18.76	18.76	20	0
20	256QAM	50	50	18.88	18.89	18.94		
20	256QAM	100	0	18.85	19.08	19.08		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	18.96	19.03	18.88		
15	QPSK	1	37	18.83	18.96	18.81	20	0
15	QPSK	1	74	19.01	18.84	18.71		
15	QPSK	36	0	18.80	18.94	18.82		
15	QPSK	36	20	18.84	18.83	18.74	20	0
15	QPSK	36	39	18.92	18.92	18.88		
15	QPSK	75	0	18.96	18.98	18.72		
15	16QAM	1	0	18.84	18.97	18.65		
15	16QAM	1	37	18.82	18.90	18.87	20	0
15	16QAM	1	74	18.83	18.93	18.82		
15	16QAM	36	0	18.87	18.91	18.85		
15	16QAM	36	20	19.02	18.84	18.70	20	0
15	16QAM	36	39	18.96	19.03	18.80		
15	16QAM	75	0	18.96	18.91	18.78		
15	64QAM	1	0	18.76	18.89	18.71		
15	64QAM	1	37	18.87	18.83	18.79	20	0
15	64QAM	1	74	18.81	18.94	18.71		
15	64QAM	36	0	18.98	19.00	18.68		
15	64QAM	36	20	19.01	18.79	18.84	20	0
15	64QAM	36	39	18.88	18.96	18.59		
15	64QAM	75	0	18.93	18.88	18.72		
15	256QAM	1	0	18.77	19.01	18.76		
15	256QAM	1	37	18.72	19.00	18.79	20	0
15	256QAM	1	74	18.57	18.73	18.66		
15	256QAM	36	0	18.90	18.98	18.58		
15	256QAM	36	20	18.62	18.65	18.71	20	0
15	256QAM	36	39	18.84	18.74	18.82		
15	256QAM	75	0	18.72	19.01	18.94		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	18.98	19.04	18.97		
10	QPSK	1	25	18.92	18.96	18.86	20	0
10	QPSK	1	49	18.99	18.85	18.65		
10	QPSK	25	0	18.90	18.93	18.81		
10	QPSK	25	12	18.79	18.87	18.74	20	0
10	QPSK	25	25	18.97	18.87	18.80		
10	QPSK	50	0	18.89	18.95	18.65		
10	16QAM	1	0	18.88	18.96	18.69		
10	16QAM	1	25	18.82	19.01	18.84	20	0
10	16QAM	1	49	18.87	18.87	18.87		
10	16QAM	25	0	18.85	18.82	18.91		
10	16QAM	25	12	18.94	18.92	18.69	20	0
10	16QAM	25	25	19.01	18.94	18.89		
10	16QAM	50	0	18.96	18.92	18.85		
10	64QAM	1	0	18.77	18.97	18.77		
10	64QAM	1	25	18.89	18.93	18.78	20	0
10	64QAM	1	49	18.87	18.89	18.64		
10	64QAM	25	0	19.01	18.93	18.75		
10	64QAM	25	12	18.96	18.77	18.92	20	0
10	64QAM	25	25	18.87	18.98	18.55		
10	64QAM	50	0	18.93	18.87	18.71		
10	256QAM	1	0	18.83	18.94	18.86		
10	256QAM	1	25	18.67	18.98	18.74	20	0
10	256QAM	1	49	18.54	18.72	18.67		
10	256QAM	25	0	18.88	18.93	18.62		
10	256QAM	25	12	18.69	18.60	18.67	20	0
10	256QAM	25	25	18.80	18.77	18.89		
10	256QAM	50	0	18.75	19.00	18.93		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	19.00	18.97	18.87		
5	QPSK	1	12	18.92	18.98	18.81	20	0
5	QPSK	1	24	19.01	18.76	18.73		
5	QPSK	12	0	18.90	18.97	18.78		
5	QPSK	12	7	18.78	18.84	18.67	20	0
5	QPSK	12	13	18.87	18.95	18.84		
5	QPSK	25	0	18.99	18.92	18.68		
5	16QAM	1	0	18.87	18.92	18.68		
5	16QAM	1	12	18.89	18.95	18.89	20	0
5	16QAM	1	24	18.86	18.88	18.77		
5	16QAM	12	0	18.87	18.82	18.91		
5	16QAM	12	7	19.03	18.86	18.67	20	0
5	16QAM	12	13	19.03	18.94	18.84		
5	16QAM	25	0	18.96	18.95	18.89		
5	64QAM	1	0	18.76	18.86	18.77		
5	64QAM	1	12	18.92	18.91	18.81	20	0
5	64QAM	1	24	18.86	18.89	18.71		
5	64QAM	12	0	18.97	18.89	18.70		
5	64QAM	12	7	18.92	18.75	18.81	20	0
5	64QAM	12	13	18.95	18.87	18.57		
5	64QAM	25	0	18.97	18.84	18.68		
5	256QAM	1	0	18.73	18.92	18.80		
5	256QAM	1	12	18.74	19.00	18.84	20	0
5	256QAM	1	24	18.59	18.76	18.68		
5	256QAM	12	0	18.86	18.95	18.67		
5	256QAM	12	7	18.64	18.65	18.71	20	0
5	256QAM	12	13	18.75	18.79	18.80		
5	256QAM	25	0	18.80	18.95	19.00		

LTE Band 42 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.06	22.16	22.12		
20	QPSK	1	49	22.14	22.07	22.06	23	0
20	QPSK	1	99	21.99	22.07	21.98		
20	QPSK	50	0	21.99	22.14	22.08		
20	QPSK	50	24	21.88	21.97	22.02	23	0
20	QPSK	50	50	21.93	21.97	21.88		
20	QPSK	100	0	21.87	22.03	21.94		
20	16QAM	1	0	20.96	21.13	21.18		
20	16QAM	1	49	21.15	21.18	21.14	22	1
20	16QAM	1	99	21.03	21.05	21.04		
20	16QAM	50	0	20.00	20.22	20.15		
20	16QAM	50	24	19.98	20.26	20.17	21	2
20	16QAM	50	50	20.12	20.14	20.19		
20	16QAM	100	0	20.04	20.27	20.10		
20	64QAM	1	0	20.03	20.13	20.02		
20	64QAM	1	49	19.97	20.27	20.17	21	2
20	64QAM	1	99	20.05	20.15	20.05		
20	64QAM	50	0	19.11	19.10	19.02		
20	64QAM	50	24	19.02	19.15	19.00	20	3
20	64QAM	50	50	19.05	19.07	19.01		
20	64QAM	100	0	19.02	19.06	19.06		
20	256QAM	1	0	19.08	19.18	19.06		
20	256QAM	1	49	19.13	19.22	19.20	20	3
20	256QAM	1	99	19.16	19.15	19.12		
20	256QAM	50	0	19.14	19.04	19.16		
20	256QAM	50	24	19.02	19.27	19.15	20	3
20	256QAM	50	50	19.11	19.20	19.00		
20	256QAM	100	0	18.99	19.13	18.99		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	21.95	21.99	22.04		
15	QPSK	1	37	22.04	21.90	22.07	23	0
15	QPSK	1	74	21.95	22.01	21.94		
15	QPSK	36	0	21.84	22.02	22.01		
15	QPSK	36	20	21.84	21.78	21.84	23	0
15	QPSK	36	39	21.82	21.85	21.75		
15	QPSK	75	0	21.67	22.05	21.76		
15	16QAM	1	0	20.90	21.08	21.01		
15	16QAM	1	37	21.15	21.09	21.07	22	1
15	16QAM	1	74	20.85	21.05	20.91		
15	16QAM	36	0	19.99	20.05	20.11		
15	16QAM	36	20	19.89	20.11	20.07	21	2
15	16QAM	36	39	20.12	20.06	20.05		
15	16QAM	75	0	19.88	20.25	19.97		
15	64QAM	1	0	19.86	20.08	19.92		
15	64QAM	1	37	19.87	20.14	19.98	21	2
15	64QAM	1	74	19.92	20.07	19.97		
15	64QAM	36	0	18.98	19.05	18.86		
15	64QAM	36	20	19.00	18.99	18.80	20	3
15	64QAM	36	39	19.04	19.09	18.92		
15	64QAM	75	0	18.87	19.05	18.99		
15	256QAM	1	0	19.04	18.99	19.03		
15	256QAM	1	37	18.99	19.17	18.99	20	3
15	256QAM	1	74	19.13	19.03	19.10		
15	256QAM	36	0	18.94	19.05	19.14		
15	256QAM	36	20	18.87	19.22	19.08	20	3
15	256QAM	36	39	18.92	19.09	18.91		
15	256QAM	75	0	19.00	18.94	18.82		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	21.90	22.15	21.95		
10	QPSK	1	25	22.04	21.97	21.87	23	0
10	QPSK	1	49	21.82	21.94	21.97		
10	QPSK	25	0	21.96	21.94	21.99		
10	QPSK	25	12	21.68	21.83	21.98	23	0
10	QPSK	25	25	21.73	21.80	21.80		
10	QPSK	50	0	21.76	22.03	21.86		
10	16QAM	1	0	20.81	21.07	21.09		
10	16QAM	1	25	21.16	21.10	21.00	22	1
10	16QAM	1	49	21.00	21.00	21.00		
10	16QAM	25	0	19.79	20.08	20.01		
10	16QAM	25	12	19.94	20.04	20.09	21	2
10	16QAM	25	25	19.98	20.02	20.03		
10	16QAM	50	0	20.05	20.27	19.95		
10	64QAM	1	0	19.93	20.13	20.01		
10	64QAM	1	25	19.76	20.07	20.08	21	2
10	64QAM	1	49	19.84	20.12	19.88		
10	64QAM	25	0	18.95	19.00	19.03		
10	64QAM	25	12	19.01	19.12	18.96	20	3
10	64QAM	25	25	18.94	19.01	18.81		
10	64QAM	50	0	18.81	18.96	19.04		
10	256QAM	1	0	18.99	19.04	18.99		
10	256QAM	1	25	19.10	19.11	19.06	20	3
10	256QAM	1	49	19.09	18.93	19.09		
10	256QAM	25	0	19.10	18.90	18.96		
10	256QAM	25	12	18.81	19.14	18.99	20	3
10	256QAM	25	25	19.02	19.07	18.88		
10	256QAM	50	0	18.94	18.96	18.78		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.96	22.15	22.13		
5	QPSK	1	12	22.07	21.89	21.90	23	0
5	QPSK	1	24	21.85	22.09	21.90		
5	QPSK	12	0	21.78	22.10	21.94		
5	QPSK	12	7	21.68	21.85	21.97	23	0
5	QPSK	12	13	21.73	21.89	21.87		
5	QPSK	25	0	21.88	21.96	21.92		
5	16QAM	1	0	20.92	21.14	20.99		
5	16QAM	1	12	20.94	21.08	20.94	22	1
5	16QAM	1	24	20.86	20.87	21.02		
5	16QAM	12	0	20.00	20.10	20.05		
5	16QAM	12	7	19.79	20.11	20.06	21	2
5	16QAM	12	13	20.03	19.97	20.10		
5	16QAM	25	0	19.87	20.15	19.93		
5	64QAM	1	0	20.03	20.15	19.90		
5	64QAM	1	12	19.87	20.28	20.10	21	2
5	64QAM	1	24	19.91	20.17	19.98		
5	64QAM	12	0	18.91	18.94	18.81		
5	64QAM	12	7	18.94	19.01	18.93	20	3
5	64QAM	12	13	19.01	19.06	18.85		
5	64QAM	25	0	18.83	19.07	18.88		
5	256QAM	1	0	19.01	19.12	18.96		
5	256QAM	1	12	19.09	19.02	19.15	20	3
5	256QAM	1	24	19.16	19.11	18.93		
5	256QAM	12	0	19.03	18.84	18.96		
5	256QAM	12	7	18.98	19.19	19.04	20	3
5	256QAM	12	13	19.08	19.21	18.86		
5	256QAM	25	0	18.98	19.14	18.92		

Reduced Power Mode for LTE Band 42 DSI5 Part 96

LTE Band 42 Default

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	20.69	20.77	20.67	22	0
20	QPSK	1	49	20.63	20.75	20.66		
20	QPSK	1	99	20.69	20.65	20.70		
20	QPSK	50	0	19.95	20.12	20.02	21	1
20	QPSK	50	24	19.98	20.05	20.05		
20	QPSK	50	50	20.02	20.11	19.99		
20	QPSK	100	0	20.09	20.11	20.09		
20	16QAM	1	0	20.00	20.01	20.12	21	1
20	16QAM	1	49	20.00	19.96	20.08		
20	16QAM	1	99	20.00	20.01	19.92		
20	16QAM	50	0	19.21	19.15	18.98	20	2
20	16QAM	50	24	19.16	19.13	18.98		
20	16QAM	50	50	19.13	18.97	19.11		
20	16QAM	100	0	19.07	18.98	19.15		
20	64QAM	1	0	18.98	19.15	18.98	20	2
20	64QAM	1	49	19.17	19.17	19.13		
20	64QAM	1	99	19.14	19.00	19.01		
20	64QAM	50	0	17.99	17.99	17.98	19	3
20	64QAM	50	24	18.15	18.14	18.00		
20	64QAM	50	50	18.01	18.02	18.15		
20	64QAM	100	0	18.16	17.98	18.01		
20	256QAM	1	0	16.02	16.17	16.11	17	5
20	256QAM	1	49	16.14	16.06	16.23		
20	256QAM	1	99	16.15	16.18	16.02		
20	256QAM	50	0	16.06	16.10	16.18	17	5
20	256QAM	50	24	16.19	16.08	16.06		
20	256QAM	50	50	16.18	16.15	16.10		
20	256QAM	100	0	16.03	16.13	16.17		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	20.55	20.74	20.56	22	0
15	QPSK	1	37	20.60	20.54	20.56		
15	QPSK	1	74	20.68	20.63	20.65		
15	QPSK	36	0	19.75	19.94	19.99	21	1
15	QPSK	36	20	19.90	19.88	19.96		
15	QPSK	36	39	20.01	20.09	19.98		
15	QPSK	75	0	20.07	20.10	19.92		
15	16QAM	1	0	19.89	19.92	19.99	21	1
15	16QAM	1	37	19.99	19.85	20.04		
15	16QAM	1	74	19.97	19.94	19.81		
15	16QAM	36	0	19.21	19.10	18.91	20	2
15	16QAM	36	20	19.06	18.99	18.98		
15	16QAM	36	39	19.13	18.89	19.06		
15	16QAM	75	0	19.05	18.91	19.10		
15	64QAM	1	0	18.93	19.10	18.82	20	2
15	64QAM	1	37	19.13	19.15	19.11		
15	64QAM	1	74	19.10	19.00	18.81		
15	64QAM	36	0	17.93	17.98	17.98	19	3
15	64QAM	36	20	18.11	18.14	17.87		
15	64QAM	36	39	17.87	17.88	18.15		
15	64QAM	75	0	18.00	17.81	17.93		
15	256QAM	1	0	15.89	15.96	15.93	17	5
15	256QAM	1	37	15.93	15.99	16.07		
15	256QAM	1	74	16.14	16.05	15.89		
15	256QAM	36	0	16.05	16.10	15.97	17	5
15	256QAM	36	20	16.02	15.90	15.96		
15	256QAM	36	39	16.11	16.02	16.02		
15	256QAM	75	0	15.99	16.05	16.14		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	20.61	20.56	20.69	22	0
10	QPSK	1	25	20.44	20.74	20.60		
10	QPSK	1	49	20.58	20.58	20.61		
10	QPSK	25	0	19.90	20.10	19.87	21	1
10	QPSK	25	12	19.83	19.99	19.97		
10	QPSK	25	25	19.92	19.99	19.86		
10	QPSK	50	0	20.02	19.96	19.94		
10	16QAM	1	0	19.90	19.84	19.94	21	1
10	16QAM	1	25	20.00	19.75	19.99		
10	16QAM	1	49	20.00	19.91	19.87		
10	16QAM	25	0	19.03	19.06	18.92	20	2
10	16QAM	25	12	19.03	19.01	18.92		
10	16QAM	25	25	19.05	18.98	18.94		
10	16QAM	50	0	18.91	18.80	19.08		
10	64QAM	1	0	18.88	19.11	18.98	20	2
10	64QAM	1	25	19.14	19.08	19.11		
10	64QAM	1	49	19.12	18.98	18.82		
10	64QAM	25	0	17.88	17.91	17.99	19	3
10	64QAM	25	12	18.16	18.05	17.98		
10	64QAM	25	25	17.94	17.90	17.95		
10	64QAM	50	0	18.08	17.88	17.81		
10	256QAM	1	0	15.99	16.09	16.09	17	5
10	256QAM	1	25	16.11	15.86	16.16		
10	256QAM	1	49	15.98	16.09	15.87		
10	256QAM	25	0	16.08	15.91	16.17	17	5
10	256QAM	25	12	16.11	15.94	16.03		
10	256QAM	25	25	16.14	16.08	15.89		
10	256QAM	50	0	15.99	15.96	16.12		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	20.67	20.73	20.45	22	0
5	QPSK	1	12	20.55	20.62	20.46		
5	QPSK	1	24	20.64	20.48	20.67		
5	QPSK	12	0	19.89	20.06	19.97	21	1
5	QPSK	12	7	19.97	19.96	19.94		
5	QPSK	12	13	20.04	20.05	19.95		
5	QPSK	25	0	19.92	20.11	19.98		
5	16QAM	1	0	19.92	19.80	19.95	21	1
5	16QAM	1	12	19.98	19.89	20.04		
5	16QAM	1	24	19.84	19.82	19.78		
5	16QAM	12	0	19.00	19.14	18.91	20	2
5	16QAM	12	7	19.08	18.92	18.92		
5	16QAM	12	13	18.94	18.93	18.90		
5	16QAM	25	0	18.91	18.85	18.98		
5	64QAM	1	0	18.81	19.15	18.85	20	2
5	64QAM	1	12	18.97	19.12	19.00		
5	64QAM	1	24	19.03	18.96	18.82		
5	64QAM	12	0	17.81	17.89	17.99	19	3
5	64QAM	12	7	18.07	18.10	17.82		
5	64QAM	12	13	17.92	17.86	17.95		
5	64QAM	25	0	18.01	17.95	17.97		
5	256QAM	1	0	15.83	16.06	16.11	17	5
5	256QAM	1	12	16.09	15.87	16.24		
5	256QAM	1	24	15.98	16.11	16.02		
5	256QAM	12	0	16.06	15.90	16.02	17	5
5	256QAM	12	7	16.08	15.94	15.88		
5	256QAM	12	13	16.08	16.15	15.91		
5	256QAM	25	0	15.90	16.12	15.97		

LTE Band 42 Default

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.12	22.23	22.15	23	0
20	QPSK	1	49	22.05	22.13	22.17		
20	QPSK	1	99	22.10	22.15	22.13		
20	QPSK	50	0	22.13	22.21	22.17	23	0
20	QPSK	50	24	22.07	21.95	22.08		
20	QPSK	50	50	22.05	22.04	22.14		
20	QPSK	100	0	22.11	22.20	22.15		
20	16QAM	1	0	21.29	21.50	21.49	22	1
20	16QAM	1	49	21.31	21.30	21.49		
20	16QAM	1	99	21.32	21.30	21.40		
20	16QAM	50	0	20.60	20.63	20.40	21	2
20	16QAM	50	24	20.60	20.58	20.35		
20	16QAM	50	50	20.55	20.46	20.40		
20	16QAM	100	0	20.48	20.42	20.51		
20	64QAM	1	0	20.46	20.53	20.35	21	2
20	64QAM	1	49	20.54	20.61	20.58		
20	64QAM	1	99	20.55	20.30	20.35		
20	64QAM	50	0	19.45	19.35	19.44	20	3
20	64QAM	50	24	19.45	19.60	19.38		
20	64QAM	50	50	19.41	19.47	19.58		
20	64QAM	100	0	19.46	19.35	19.47		
20	256QAM	1	0	17.35	17.45	17.53	18	5
20	256QAM	1	49	17.59	17.47	17.57		
20	256QAM	1	99	17.55	17.65	17.34		
20	256QAM	50	0	17.53	17.60	17.55	18	5
20	256QAM	50	24	17.68	17.58	17.36		
20	256QAM	50	50	17.54	17.46	17.39		
20	256QAM	100	0	17.32	17.54	17.57		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.01	22.09	22.00	23	0
15	QPSK	1	37	21.95	22.21	21.98		
15	QPSK	1	74	21.99	21.95	21.95		
15	QPSK	36	0	22.11	22.09	22.01	23	0
15	QPSK	36	20	22.03	21.84	22.01		
15	QPSK	36	39	21.95	21.84	22.01		
15	QPSK	75	0	21.93	22.07	22.03		
15	16QAM	1	0	21.20	21.34	21.47	22	1
15	16QAM	1	37	21.25	21.31	21.29		
15	16QAM	1	74	21.14	21.23	21.31		
15	16QAM	36	0	20.59	20.58	20.21	21	2
15	16QAM	36	20	20.58	20.44	20.13		
15	16QAM	36	39	20.38	20.26	20.19		
15	16QAM	75	0	20.48	20.35	20.34		
15	64QAM	1	0	20.32	20.51	20.27	21	2
15	64QAM	1	37	20.43	20.55	20.60		
15	64QAM	1	74	20.49	20.28	20.32		
15	64QAM	36	0	19.35	19.31	19.43	20	3
15	64QAM	36	20	19.47	19.58	19.18		
15	64QAM	36	39	19.30	19.26	19.58		
15	64QAM	75	0	19.32	19.22	19.37		
15	256QAM	1	0	17.28	17.45	17.52	18	5
15	256QAM	1	37	17.40	17.47	17.42		
15	256QAM	1	74	17.39	17.56	17.35		
15	256QAM	36	0	17.45	17.40	17.38	18	5
15	256QAM	36	20	17.57	17.38	17.17		
15	256QAM	36	39	17.48	17.29	17.26		
15	256QAM	75	0	17.19	17.41	17.49		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.11	22.15	22.08	23	0
10	QPSK	1	25	22.05	21.92	22.01		
10	QPSK	1	49	22.01	22.13	21.97		
10	QPSK	25	0	22.03	22.11	22.07	23	0
10	QPSK	25	12	22.05	21.76	21.92		
10	QPSK	25	25	21.84	21.93	22.07		
10	QPSK	50	0	22.01	22.09	22.04		
10	16QAM	1	0	21.30	21.49	21.35	22	1
10	16QAM	1	25	21.14	21.26	21.45		
10	16QAM	1	49	21.11	21.25	21.31		
10	16QAM	25	0	20.53	20.58	20.19	21	2
10	16QAM	25	12	20.39	20.53	20.37		
10	16QAM	25	25	20.41	20.31	20.23		
10	16QAM	50	0	20.34	20.20	20.32		
10	64QAM	1	0	20.34	20.53	20.35	21	2
10	64QAM	1	25	20.33	20.45	20.58		
10	64QAM	1	49	20.33	20.10	20.35		
10	64QAM	25	0	19.25	19.14	19.30	20	3
10	64QAM	25	12	19.30	19.38	19.20		
10	64QAM	25	25	19.32	19.36	19.43		
10	64QAM	50	0	19.36	19.32	19.45		
10	256QAM	1	0	17.23	17.30	17.44	18	5
10	256QAM	1	25	17.43	17.41	17.57		
10	256QAM	1	49	17.37	17.45	17.14		
10	256QAM	25	0	17.44	17.58	17.47	18	5
10	256QAM	25	12	17.49	17.41	17.36		
10	256QAM	25	25	17.42	17.43	17.39		
10	256QAM	50	0	17.28	17.52	17.38		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.97	22.09	22.01	23	0
5	QPSK	1	12	22.02	22.14	22.15		
5	QPSK	1	24	22.03	22.05	22.14		
5	QPSK	12	0	22.01	22.09	22.09	23	0
5	QPSK	12	7	21.90	21.82	21.97		
5	QPSK	12	13	21.98	21.90	22.07		
5	QPSK	25	0	21.95	22.15	22.13		
5	16QAM	1	0	21.29	21.37	21.46	22	1
5	16QAM	1	12	21.20	21.14	21.40		
5	16QAM	1	24	21.33	21.31	21.37		
5	16QAM	12	0	20.59	20.64	20.41	21	2
5	16QAM	12	7	20.44	20.42	20.24		
5	16QAM	12	13	20.44	20.46	20.27		
5	16QAM	25	0	20.39	20.40	20.53		
5	64QAM	1	0	20.28	20.38	20.32	21	2
5	64QAM	1	12	20.36	20.55	20.46		
5	64QAM	1	24	20.54	20.20	20.22		
5	64QAM	12	0	19.44	19.15	19.43	20	3
5	64QAM	12	7	19.40	19.40	19.36		
5	64QAM	12	13	19.26	19.28	19.49		
5	64QAM	25	0	19.32	19.15	19.37		
5	256QAM	1	0	17.24	17.25	17.55	18	5
5	256QAM	1	12	17.60	17.48	17.50		
5	256QAM	1	24	17.43	17.53	17.33		
5	256QAM	12	0	17.37	17.59	17.55	18	5
5	256QAM	12	7	17.52	17.56	17.24		
5	256QAM	12	13	17.44	17.44	17.25		
5	256QAM	25	0	17.26	17.53	17.44		

LTE Band 42 DSI5

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	20.04	20.05	19.97	21	0
20	QPSK	1	49	19.94	20.04	19.89		
20	QPSK	1	99	20.02	19.86	19.74		
20	QPSK	50	0	19.92	20.03	19.85	21	0
20	QPSK	50	24	19.90	19.91	19.79		
20	QPSK	50	50	19.98	19.96	19.89		
20	QPSK	100	0	20.00	20.04	19.73		
20	16QAM	1	0	19.89	19.97	19.72	21	0
20	16QAM	1	49	19.90	20.02	19.90		
20	16QAM	1	99	19.92	19.94	19.89		
20	16QAM	50	0	19.90	19.94	19.93	21	0
20	16QAM	50	24	20.03	19.94	19.74		
20	16QAM	50	50	20.01	20.02	19.90		
20	16QAM	100	0	19.97	19.98	19.89		
20	64QAM	1	0	19.86	19.97	19.81	21	0
20	64QAM	1	49	19.98	19.94	19.85		
20	64QAM	1	99	19.92	19.96	19.74		
20	64QAM	50	0	20.03	20.00	19.78	21	0
20	64QAM	50	24	20.02	19.83	19.93		
20	64QAM	50	50	19.96	19.99	19.64		
20	64QAM	100	0	20.03	19.94	19.78		
20	256QAM	1	0	19.61	19.77	19.62	20.5	0.5
20	256QAM	1	49	19.52	19.76	19.61		
20	256QAM	1	99	19.39	19.56	19.53		
20	256QAM	50	0	19.69	19.80	19.44	20.5	0.5
20	256QAM	50	24	19.47	19.48	19.48		
20	256QAM	50	50	19.60	19.61	19.66		
20	256QAM	100	0	19.57	19.80	19.80		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	19.92	19.99	19.84	21	0
15	QPSK	1	37	19.79	19.92	19.77		
15	QPSK	1	74	19.97	19.80	19.67		
15	QPSK	36	0	19.76	19.90	19.78	21	0
15	QPSK	36	20	19.80	19.79	19.70		
15	QPSK	36	39	19.88	19.88	19.84		
15	QPSK	75	0	19.92	19.94	19.68		
15	16QAM	1	0	19.80	19.93	19.61	21	0
15	16QAM	1	37	19.78	19.86	19.83		
15	16QAM	1	74	19.79	19.89	19.78		
15	16QAM	36	0	19.83	19.87	19.81	21	0
15	16QAM	36	20	19.98	19.80	19.66		
15	16QAM	36	39	19.92	19.99	19.76		
15	16QAM	75	0	19.92	19.87	19.74		
15	64QAM	1	0	19.72	19.85	19.67	21	0
15	64QAM	1	37	19.83	19.79	19.75		
15	64QAM	1	74	19.77	19.90	19.67		
15	64QAM	36	0	19.94	19.96	19.64	21	0
15	64QAM	36	20	19.97	19.75	19.80		
15	64QAM	36	39	19.84	19.92	19.55		
15	64QAM	75	0	19.89	19.84	19.68		
15	256QAM	1	0	19.49	19.73	19.48	20.5	0.5
15	256QAM	1	37	19.44	19.72	19.51		
15	256QAM	1	74	19.29	19.45	19.38		
15	256QAM	36	0	19.62	19.70	19.30	20.5	0.5
15	256QAM	36	20	19.34	19.37	19.43		
15	256QAM	36	39	19.56	19.46	19.54		
15	256QAM	75	0	19.44	19.73	19.66		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	19.94	20.00	19.93	21	0
10	QPSK	1	25	19.88	19.92	19.82		
10	QPSK	1	49	19.95	19.81	19.61		
10	QPSK	25	0	19.86	19.89	19.77	21	0
10	QPSK	25	12	19.75	19.83	19.70		
10	QPSK	25	25	19.93	19.83	19.76		
10	QPSK	50	0	19.85	19.91	19.61		
10	16QAM	1	0	19.84	19.92	19.65	21	0
10	16QAM	1	25	19.78	19.97	19.80		
10	16QAM	1	49	19.83	19.83	19.83		
10	16QAM	25	0	19.81	19.78	19.87	21	0
10	16QAM	25	12	19.90	19.88	19.65		
10	16QAM	25	25	19.97	19.90	19.85		
10	16QAM	50	0	19.92	19.88	19.81		
10	64QAM	1	0	19.73	19.93	19.73	21	0
10	64QAM	1	25	19.85	19.89	19.74		
10	64QAM	1	49	19.83	19.85	19.60		
10	64QAM	25	0	19.97	19.89	19.71	21	0
10	64QAM	25	12	19.92	19.73	19.88		
10	64QAM	25	25	19.83	19.94	19.51		
10	64QAM	50	0	19.89	19.83	19.67		
10	256QAM	1	0	19.55	19.66	19.58	20.5	0.5
10	256QAM	1	25	19.39	19.70	19.46		
10	256QAM	1	49	19.26	19.44	19.39		
10	256QAM	25	0	19.60	19.65	19.34	20.5	0.5
10	256QAM	25	12	19.41	19.32	19.39		
10	256QAM	25	25	19.52	19.49	19.61		
10	256QAM	50	0	19.47	19.72	19.65		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	19.96	19.93	19.83	21	0
5	QPSK	1	12	19.88	19.94	19.77		
5	QPSK	1	24	19.97	19.72	19.69		
5	QPSK	12	0	19.86	19.93	19.74	21	0
5	QPSK	12	7	19.74	19.80	19.63		
5	QPSK	12	13	19.83	19.91	19.80		
5	QPSK	25	0	19.95	19.88	19.64		
5	16QAM	1	0	19.83	19.88	19.64	21	0
5	16QAM	1	12	19.85	19.91	19.85		
5	16QAM	1	24	19.82	19.84	19.73		
5	16QAM	12	0	19.83	19.78	19.87	21	0
5	16QAM	12	7	19.99	19.82	19.63		
5	16QAM	12	13	19.99	19.90	19.80		
5	16QAM	25	0	19.92	19.91	19.85		
5	64QAM	1	0	19.72	19.82	19.73	21	0
5	64QAM	1	12	19.88	19.87	19.77		
5	64QAM	1	24	19.82	19.85	19.67		
5	64QAM	12	0	19.93	19.85	19.66	21	0
5	64QAM	12	7	19.88	19.71	19.77		
5	64QAM	12	13	19.91	19.83	19.53		
5	64QAM	25	0	19.93	19.80	19.64		
5	256QAM	1	0	19.45	19.64	19.52	20.5	0.5
5	256QAM	1	12	19.46	19.72	19.56		
5	256QAM	1	24	19.31	19.48	19.40		
5	256QAM	12	0	19.58	19.67	19.39	20.5	0.5
5	256QAM	12	7	19.36	19.37	19.43		
5	256QAM	12	13	19.47	19.51	19.52		
5	256QAM	25	0	19.52	19.67	19.72		

LTE Band 42 Default

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.06	22.16	22.12	23	0
20	QPSK	1	49	22.14	22.07	22.06		
20	QPSK	1	99	21.99	22.07	21.98		
20	QPSK	50	0	21.99	22.14	22.08	23	0
20	QPSK	50	24	21.88	21.97	22.02		
20	QPSK	50	50	21.93	21.97	21.88		
20	QPSK	100	0	21.87	22.03	21.94		
20	16QAM	1	0	20.96	21.13	21.18	22	1
20	16QAM	1	49	21.15	21.18	21.14		
20	16QAM	1	99	21.03	21.05	21.04		
20	16QAM	50	0	20.00	20.22	20.15	21	2
20	16QAM	50	24	19.98	20.26	20.17		
20	16QAM	50	50	20.12	20.14	20.19		
20	16QAM	100	0	20.04	20.27	20.10		
20	64QAM	1	0	20.03	20.13	20.02	21	2
20	64QAM	1	49	19.97	20.27	20.17		
20	64QAM	1	99	20.05	20.15	20.05		
20	64QAM	50	0	19.11	19.10	19.02	20	3
20	64QAM	50	24	19.02	19.15	19.00		
20	64QAM	50	50	19.05	19.07	19.01		
20	64QAM	100	0	19.02	19.06	19.06		
20	256QAM	1	0	19.08	19.18	19.06	20	3
20	256QAM	1	49	19.13	19.22	19.20		
20	256QAM	1	99	19.16	19.15	19.12		
20	256QAM	50	0	19.14	19.04	19.16	20	3
20	256QAM	50	24	19.02	19.27	19.15		
20	256QAM	50	50	19.11	19.20	19.00		
20	256QAM	100	0	18.99	19.13	18.99		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	21.95	21.99	22.04	23	0
15	QPSK	1	37	22.04	21.90	22.07		
15	QPSK	1	74	21.95	22.01	21.94		
15	QPSK	36	0	21.84	22.02	22.01	23	0
15	QPSK	36	20	21.84	21.78	21.84		
15	QPSK	36	39	21.92	21.85	21.75		
15	QPSK	75	0	21.67	22.05	21.76		
15	16QAM	1	0	20.90	21.08	21.01	22	1
15	16QAM	1	37	21.15	21.09	21.07		
15	16QAM	1	74	20.85	21.05	20.91		
15	16QAM	36	0	19.99	20.05	20.11	21	2
15	16QAM	36	20	19.89	20.11	20.07		
15	16QAM	36	39	20.12	20.06	20.05		
15	16QAM	75	0	19.88	20.25	19.97		
15	64QAM	1	0	19.86	20.08	19.92	21	2
15	64QAM	1	37	19.87	20.14	19.98		
15	64QAM	1	74	19.92	20.07	19.97		
15	64QAM	36	0	18.98	19.05	18.86	20	3
15	64QAM	36	20	19.00	18.99	18.80		
15	64QAM	36	39	19.04	19.09	18.92		
15	64QAM	75	0	18.87	19.05	18.99		
15	256QAM	1	0	19.04	18.99	19.03	20	3
15	256QAM	1	37	18.99	19.17	18.99		
15	256QAM	1	74	19.13	19.03	19.10		
15	256QAM	36	0	18.94	19.05	19.14	20	3
15	256QAM	36	20	18.87	19.22	19.08		
15	256QAM	36	39	18.92	19.09	18.91		
15	256QAM	75	0	19.00	18.94	18.82		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	21.90	22.15	21.95	23	0
10	QPSK	1	25	22.04	21.97	21.87		
10	QPSK	1	49	21.82	21.94	21.97		
10	QPSK	25	0	21.96	21.94	21.99	23	0
10	QPSK	25	12	21.68	21.83	21.98		
10	QPSK	25	25	21.73	21.80	21.80		
10	QPSK	50	0	21.76	22.03	21.86		
10	16QAM	1	0	20.81	21.07	21.09	22	1
10	16QAM	1	25	21.16	21.10	21.00		
10	16QAM	1	49	21.00	21.00	21.00		
10	16QAM	25	0	19.79	20.08	20.01	21	2
10	16QAM	25	12	19.94	20.04	20.09		
10	16QAM	25	25	19.98	20.02	20.03		
10	16QAM	50	0	20.05	20.27	19.95		
10	64QAM	1	0	19.93	20.13	20.01	21	2
10	64QAM	1	25	19.76	20.07	20.08		
10	64QAM	1	49	19.84	20.12	19.88		
10	64QAM	25	0	18.95	19.00	19.03	20	3
10	64QAM	25	12	19.01	19.12	18.96		
10	64QAM	25	25	18.94	19.01	18.81		
10	64QAM	50	0	18.81	18.96	19.04		
10	256QAM	1	0	18.99	19.04	18.99	20	3
10	256QAM	1	25	19.10	19.11	19.06		
10	256QAM	1	49	19.09	18.93	19.09		
10	256QAM	25	0	19.10	18.90	18.96	20	3
10	256QAM	25	12	18.81	19.14	18.99		
10	256QAM	25	25	19.02	19.07	18.88		
10	256QAM	50	0	18.94	18.96	18.78		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.96	22.15	22.13	23	0
5	QPSK	1	12	22.07	21.89	21.90		
5	QPSK	1	24	21.85	22.09	21.90		
5	QPSK	12	0	21.78	22.10	21.94	23	0
5	QPSK	12	7	21.68	21.85	21.97		
5	QPSK	12	13	21.73	21.89	21.87		
5	QPSK	25	0	21.88	21.96	21.92		
5	16QAM	1	0	20.92	21.14	20.99	22	1
5	16QAM	1	12	20.94	21.08	20.94		
5	16QAM	1	24	20.86	20.87	21.02		
5	16QAM	12	0	20.00	20.10	20.05	21	2
5	16QAM	12	7	19.79	20.11	20.06		
5	16QAM	12	13	20.03	19.97	20.10		
5	16QAM	25	0	19.87	20.15	19.93		
5	64QAM	1	0	20.03	20.15	19.90	21	2
5	64QAM	1	12	19.87	20.28	20.10		
5	64QAM	1	24	19.91	20.17	19.98		
5	64QAM	12	0	18.91	18.94	18.81	20	3
5	64QAM	12	7	18.94	19.01	18.93		
5	64QAM	12	13	19.01	19.06	18.85		
5	64QAM	25	0	18.83	19.07	18.88		
5	256QAM	1	0	19.01	19.12	18.96	20	3
5	256QAM	1	12	19.09	19.02	19.15		
5	256QAM	1	24	19.16	19.11	18.93		
5	256QAM	12	0	19.03	18.84	18.96	20	3
5	256QAM	12	7	18.98	19.19	19.04		
5	256QAM	12	13	19.08	19.21	18.86		
5	256QAM	25	0	18.98	19.14	18.92		

Reduced Power Mode for LTE Band 42 DSI6 Part 96

LTE Band 42 Default

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	20.69	20.77	20.67		
20	QPSK	1	49	20.63	20.75	20.66	22	0
20	QPSK	1	99	20.69	20.65	20.70		
20	QPSK	50	0	19.95	20.12	20.02		
20	QPSK	50	24	19.98	20.05	20.05	21	1
20	QPSK	50	50	20.02	20.11	19.99		
20	QPSK	100	0	20.09	20.11	20.09		
20	16QAM	1	0	20.00	20.01	20.12		
20	16QAM	1	49	20.00	19.96	20.08	21	1
20	16QAM	1	99	20.00	20.01	19.92		
20	16QAM	50	0	19.21	19.15	18.98		
20	16QAM	50	24	19.16	19.13	18.98	20	2
20	16QAM	50	50	19.13	18.97	19.11		
20	16QAM	100	0	19.07	18.98	19.15		
20	64QAM	1	0	18.98	19.15	18.98		
20	64QAM	1	49	19.17	19.17	19.13	20	2
20	64QAM	1	99	19.14	19.00	19.01		
20	64QAM	50	0	17.99	17.99	17.98		
20	64QAM	50	24	18.15	18.14	18.00	19	3
20	64QAM	50	50	18.01	18.02	18.15		
20	64QAM	100	0	18.16	17.98	18.01		
20	256QAM	1	0	16.02	16.17	16.11		
20	256QAM	1	49	16.14	16.06	16.23	17	5
20	256QAM	1	99	16.15	16.18	16.02		
20	256QAM	50	0	16.06	16.10	16.18		
20	256QAM	50	24	16.19	16.08	16.06	17	5
20	256QAM	50	50	16.18	16.15	16.10		
20	256QAM	100	0	16.03	16.13	16.17		
Channel				43165	43340	43515	Tune-up limit	MPR
Frequency (MHz)				3557.5	3575	3592.5	(dBm)	(dB)
15	QPSK	1	0	20.55	20.74	20.56		
15	QPSK	1	37	20.60	20.54	20.56	22	0
15	QPSK	1	74	20.68	20.63	20.65		
15	QPSK	36	0	19.75	19.94	19.99		
15	QPSK	36	20	19.90	19.88	19.96	21	1
15	QPSK	36	39	20.01	20.09	19.98		
15	QPSK	75	0	20.07	20.10	19.92		
15	16QAM	1	0	19.89	19.92	19.99		
15	16QAM	1	37	19.99	19.85	20.04	21	1
15	16QAM	1	74	19.97	19.94	19.81		
15	16QAM	36	0	19.21	19.10	18.91		
15	16QAM	36	20	19.06	18.99	18.98	20	2
15	16QAM	36	39	19.13	18.89	19.06		
15	16QAM	75	0	19.05	18.91	19.10		
15	64QAM	1	0	18.93	19.10	18.82		
15	64QAM	1	37	19.13	19.15	19.11	20	2
15	64QAM	1	74	19.10	19.00	18.81		
15	64QAM	36	0	17.93	17.98	17.98		
15	64QAM	36	20	18.11	18.14	17.87	19	3
15	64QAM	36	39	17.87	17.88	18.15		
15	64QAM	75	0	18.00	17.81	17.93		
15	256QAM	1	0	15.89	15.96	15.93		
15	256QAM	1	37	15.93	15.99	16.07	17	5
15	256QAM	1	74	16.14	16.05	15.89		
15	256QAM	36	0	16.05	16.10	15.97		
15	256QAM	36	20	16.02	15.90	15.96	17	5
15	256QAM	36	39	16.11	16.02	16.02		
15	256QAM	75	0	15.99	16.05	16.14		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3555	3575	3595	(dBm)	(dB)
10	QPSK	1	0	20.61	20.56	20.69		
10	QPSK	1	25	20.44	20.74	20.60	22	0
10	QPSK	1	49	20.58	20.58	20.61		
10	QPSK	25	0	19.90	20.10	19.87		
10	QPSK	25	12	19.83	19.99	19.97	21	1
10	QPSK	25	25	19.92	19.99	19.86		
10	QPSK	50	0	20.02	19.96	19.94		
10	16QAM	1	0	19.90	19.84	19.94		
10	16QAM	1	25	20.00	19.75	19.99	21	1
10	16QAM	1	49	20.00	19.91	19.87		
10	16QAM	25	0	19.03	19.06	18.92		
10	16QAM	25	12	19.03	19.01	18.92	20	2
10	16QAM	25	25	19.05	18.98	18.94		
10	16QAM	50	0	18.91	18.80	19.08		
10	64QAM	1	0	18.88	19.11	18.98		
10	64QAM	1	25	19.14	19.08	19.11	20	2
10	64QAM	1	49	19.12	18.98	18.82		
10	64QAM	25	0	17.88	17.91	17.99		
10	64QAM	25	12	18.16	18.05	17.98	19	3
10	64QAM	25	25	17.94	17.90	17.95		
10	64QAM	50	0	18.08	17.88	17.81		
10	256QAM	1	0	15.99	16.09	16.09		
10	256QAM	1	25	16.11	15.86	16.16	17	5
10	256QAM	1	49	15.98	16.09	15.87		
10	256QAM	25	0	16.08	15.91	16.17		
10	256QAM	25	12	16.11	15.94	16.03	17	5
10	256QAM	25	25	16.14	16.08	15.89		
10	256QAM	50	0	15.99	15.96	16.12		
Channel				43115	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3552.5	3575	3597.5	(dBm)	(dB)
5	QPSK	1	0	20.67	20.73	20.45		
5	QPSK	1	12	20.55	20.62	20.46	22	0
5	QPSK	1	24	20.64	20.48	20.67		
5	QPSK	12	0	19.89	20.06	19.97		
5	QPSK	12	7	19.97	19.96	19.94	21	1
5	QPSK	12	13	20.04	20.05	19.95		
5	QPSK	25	0	19.92	20.11	19.98		
5	16QAM	1	0	19.92	19.80	19.95		
5	16QAM	1	12	19.98	19.89	20.04	21	1
5	16QAM	1	24	19.84	19.82	19.78		
5	16QAM	12	0	19.00	19.14	18.91		
5	16QAM	12	7	19.08	18.92	18.92	20	2
5	16QAM	12	13	18.94	18.93	18.90		
5	16QAM	25	0	18.91	18.85	18.98		
5	64QAM	1	0	18.81	19.15	18.85		
5	64QAM	1	12	18.97	19.12	19.00	20	2
5	64QAM	1	24	19.03	18.96	18.82		
5	64QAM	12	0	17.81	17.89	17.99		
5	64QAM	12	7	18.07	18.10	17.82	19	3
5	64QAM	12	13	17.92	17.86	17.95		
5	64QAM	25	0	18.01	17.95	17.97		
5	256QAM	1	0	15.83	16.06	16.11		
5	256QAM	1	12	16.09	15.87	16.24	17	5
5	256QAM	1	24	15.98	16.11	16.02		
5	256QAM	12	0	16.06	15.90	16.02		
5	256QAM	12	7	16.08	15.94	15.88	17	5
5	256QAM	12	13	16.08	16.15	15.91		
5	256QAM	25	0	15.90	16.12	15.97		

LTE Band 42 Default

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.12	22.23	22.15	23	0
20	QPSK	1	49	22.05	22.13	22.17		
20	QPSK	1	99	22.10	22.15	22.13		
20	QPSK	50	0	22.13	22.21	22.17	23	0
20	QPSK	50	24	22.07	21.95	22.08		
20	QPSK	50	50	22.05	22.04	22.14		
20	QPSK	100	0	22.11	22.20	22.15		
20	16QAM	1	0	21.29	21.50	21.49	22	1
20	16QAM	1	49	21.31	21.30	21.49		
20	16QAM	1	99	21.32	21.30	21.40		
20	16QAM	50	0	20.60	20.63	20.40	21	2
20	16QAM	50	24	20.60	20.58	20.35		
20	16QAM	50	50	20.55	20.46	20.40		
20	16QAM	100	0	20.48	20.42	20.51		
20	64QAM	1	0	20.46	20.53	20.35	21	2
20	64QAM	1	49	20.54	20.61	20.58		
20	64QAM	1	99	20.55	20.30	20.35		
20	64QAM	50	0	19.45	19.35	19.44	20	3
20	64QAM	50	24	19.45	19.60	19.38		
20	64QAM	50	50	19.41	19.47	19.58		
20	64QAM	100	0	19.46	19.35	19.47		
20	256QAM	1	0	17.35	17.45	17.53	18	5
20	256QAM	1	49	17.59	17.47	17.57		
20	256QAM	1	99	17.55	17.65	17.34		
20	256QAM	50	0	17.53	17.60	17.55	18	5
20	256QAM	50	24	17.68	17.58	17.36		
20	256QAM	50	50	17.54	17.46	17.39		
20	256QAM	100	0	17.32	17.54	17.57		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.01	22.09	22.00	23	0
15	QPSK	1	37	21.95	22.21	21.98		
15	QPSK	1	74	21.99	21.95	21.95		
15	QPSK	36	0	22.11	22.09	22.01	23	0
15	QPSK	36	20	22.03	21.84	22.01		
15	QPSK	36	39	21.95	21.84	22.01		
15	QPSK	75	0	21.93	22.07	22.03		
15	16QAM	1	0	21.20	21.34	21.47	22	1
15	16QAM	1	37	21.25	21.31	21.29		
15	16QAM	1	74	21.14	21.23	21.31		
15	16QAM	36	0	20.59	20.58	20.21	21	2
15	16QAM	36	20	20.58	20.44	20.13		
15	16QAM	36	39	20.38	20.26	20.19		
15	16QAM	75	0	20.48	20.35	20.34		
15	64QAM	1	0	20.32	20.51	20.27	21	2
15	64QAM	1	37	20.43	20.55	20.60		
15	64QAM	1	74	20.49	20.28	20.32		
15	64QAM	36	0	19.35	19.31	19.43	20	3
15	64QAM	36	20	19.47	19.58	19.18		
15	64QAM	36	39	19.30	19.26	19.58		
15	64QAM	75	0	19.32	19.22	19.37		
15	256QAM	1	0	17.28	17.45	17.52	18	5
15	256QAM	1	37	17.40	17.47	17.42		
15	256QAM	1	74	17.39	17.56	17.35		
15	256QAM	36	0	17.45	17.40	17.38	18	5
15	256QAM	36	20	17.57	17.38	17.17		
15	256QAM	36	39	17.48	17.29	17.26		
15	256QAM	75	0	17.19	17.41	17.49		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.11	22.15	22.08	23	0
10	QPSK	1	25	22.05	21.92	22.01		
10	QPSK	1	49	22.01	22.13	21.97		
10	QPSK	25	0	22.03	22.11	22.07	23	0
10	QPSK	25	12	22.05	21.76	21.92		
10	QPSK	25	25	21.84	21.93	22.07		
10	QPSK	50	0	22.01	22.09	22.04		
10	16QAM	1	0	21.30	21.49	21.35	22	1
10	16QAM	1	25	21.14	21.26	21.45		
10	16QAM	1	49	21.11	21.25	21.31		
10	16QAM	25	0	20.53	20.58	20.19	21	2
10	16QAM	25	12	20.39	20.53	20.37		
10	16QAM	25	25	20.41	20.31	20.23		
10	16QAM	50	0	20.34	20.20	20.32		
10	64QAM	1	0	20.34	20.53	20.35	21	2
10	64QAM	1	25	20.33	20.45	20.58		
10	64QAM	1	49	20.33	20.10	20.35		
10	64QAM	25	0	19.25	19.14	19.30	20	3
10	64QAM	25	12	19.30	19.38	19.20		
10	64QAM	25	25	19.32	19.36	19.43		
10	64QAM	50	0	19.36	19.32	19.45		
10	256QAM	1	0	17.23	17.30	17.44	18	5
10	256QAM	1	25	17.43	17.41	17.57		
10	256QAM	1	49	17.37	17.45	17.14		
10	256QAM	25	0	17.44	17.58	17.47	18	5
10	256QAM	25	12	17.49	17.41	17.36		
10	256QAM	25	25	17.42	17.43	17.39		
10	256QAM	50	0	17.28	17.52	17.38		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.97	22.09	22.01	23	0
5	QPSK	1	12	22.02	22.14	22.15		
5	QPSK	1	24	22.03	22.05	22.14		
5	QPSK	12	0	22.01	22.09	22.09	23	0
5	QPSK	12	7	21.90	21.82	21.97		
5	QPSK	12	13	21.98	21.90	22.07		
5	QPSK	25	0	21.95	22.15	22.13		
5	16QAM	1	0	21.29	21.37	21.46	22	1
5	16QAM	1	12	21.20	21.14	21.40		
5	16QAM	1	24	21.33	21.31	21.37		
5	16QAM	12	0	20.59	20.64	20.41	21	2
5	16QAM	12	7	20.44	20.42	20.24		
5	16QAM	12	13	20.44	20.46	20.27		
5	16QAM	25	0	20.39	20.40	20.53		
5	64QAM	1	0	20.28	20.38	20.32	21	2
5	64QAM	1	12	20.36	20.55	20.46		
5	64QAM	1	24	20.54	20.20	20.22		
5	64QAM	12	0	19.44	19.15	19.43	20	3
5	64QAM	12	7	19.40	19.40	19.36		
5	64QAM	12	13	19.26	19.28	19.49		
5	64QAM	25	0	19.32	19.15	19.37		
5	256QAM	1	0	17.24	17.25	17.55	18	5
5	256QAM	1	12	17.60	17.48	17.50		
5	256QAM	1	24	17.43	17.53	17.33		
5	256QAM	12	0	17.37	17.59	17.55	18	5
5	256QAM	12	7	17.52	17.56	17.24		
5	256QAM	12	13	17.44	17.44	17.25		
5	256QAM	25	0	17.26	17.53	17.44		

LTE Band 42 DSI6

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.11	22.13	21.98	23.7	0
20	QPSK	1	49	21.86	21.97	21.92		
20	QPSK	1	99	21.79	21.87	21.78		
20	QPSK	50	0	21.81	22.11	21.90	23.7	0
20	QPSK	50	24	21.97	21.95	22.00		
20	QPSK	50	50	22.03	21.98	21.97		
20	QPSK	100	0	21.85	21.94	21.84		
20	16QAM	1	0	21.96	21.86	21.71	23.7	0
20	16QAM	1	49	21.97	21.99	21.80		
20	16QAM	1	99	21.88	22.04	21.86		
20	16QAM	50	0	21.03	20.95	20.87	22.7	1
20	16QAM	50	24	20.82	20.98	20.80		
20	16QAM	50	50	20.86	21.11	20.91		
20	16QAM	100	0	20.77	20.91	20.89		
20	64QAM	1	0	20.97	21.04	20.87	22.7	1
20	64QAM	1	49	20.97	21.09	21.03		
20	64QAM	1	99	21.01	21.10	20.87		
20	64QAM	50	0	20.02	20.04	19.95	21.7	2
20	64QAM	50	24	19.84	19.91	19.83		
20	64QAM	50	50	20.06	19.94	20.05		
20	64QAM	100	0	19.79	20.08	19.74		
20	256QAM	1	0	19.76	19.84	19.64	20.7	3
20	256QAM	1	49	19.67	19.71	19.58		
20	256QAM	1	99	19.68	19.74	19.53		
20	256QAM	50	0	19.78	19.73	19.56	20.7	3
20	256QAM	50	24	19.50	19.61	19.52		
20	256QAM	50	50	19.61	19.78	19.74		
20	256QAM	100	0	19.65	19.70	19.77		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.04	22.09	21.86	23.7	0
15	QPSK	1	37	21.74	21.91	21.86		
15	QPSK	1	74	21.73	21.72	21.72		
15	QPSK	36	0	21.71	21.96	21.81	23.7	0
15	QPSK	36	20	21.85	21.84	21.84		
15	QPSK	36	39	21.96	21.89	21.87		
15	QPSK	75	0	21.80	21.82	21.72		
15	16QAM	1	0	21.90	21.80	21.78	23.7	0
15	16QAM	1	37	21.83	21.88	21.72		
15	16QAM	1	74	21.74	21.98	21.81		
15	16QAM	36	0	20.97	20.81	20.74	22.7	1
15	16QAM	36	20	20.75	20.88	20.71		
15	16QAM	36	39	20.81	20.77	20.78		
15	16QAM	75	0	20.74	20.76	20.77		
15	64QAM	1	0	20.82	20.89	20.74	22.7	1
15	64QAM	1	37	20.89	21.00	20.98		
15	64QAM	1	74	20.89	21.01	20.83		
15	64QAM	36	0	19.89	19.95	19.85	21.7	2
15	64QAM	36	20	19.74	19.85	19.73		
15	64QAM	36	39	19.96	19.83	20.01		
15	64QAM	75	0	19.74	19.75	19.76		
15	256QAM	1	0	19.69	19.70	19.48	20.7	3
15	256QAM	1	37	19.51	19.57	19.45		
15	256QAM	1	74	19.59	19.59	19.45		
15	256QAM	36	0	19.71	19.68	19.43	20.7	3
15	256QAM	36	20	19.40	19.57	19.47		
15	256QAM	36	39	19.50	19.63	19.61		
15	256QAM	75	0	19.59	19.66	19.65		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.05	22.06	21.85	23.7	0
10	QPSK	1	25	21.79	21.83	21.84		
10	QPSK	1	49	21.71	21.74	21.78		
10	QPSK	25	0	21.79	22.00	21.75	23.7	0
10	QPSK	25	12	21.89	21.84	21.93		
10	QPSK	25	25	21.92	21.89	21.82		
10	QPSK	50	0	21.79	21.90	21.73		
10	16QAM	1	0	21.83	21.72	21.75	23.7	0
10	16QAM	1	25	21.87	21.91	21.74		
10	16QAM	1	49	21.77	21.92	21.76		
10	16QAM	25	0	20.88	20.86	20.77	22.7	1
10	16QAM	25	12	20.72	20.94	20.77		
10	16QAM	25	25	20.80	20.97	20.81		
10	16QAM	50	0	20.72	20.80	20.84		
10	64QAM	1	0	20.86	20.97	20.74	22.7	1
10	64QAM	1	25	20.88	21.03	20.97		
10	64QAM	1	49	20.92	21.05	20.76		
10	64QAM	25	0	19.91	19.96	19.89	21.7	2
10	64QAM	25	12	19.71	19.86	19.79		
10	64QAM	25	25	19.95	19.86	19.96		
10	64QAM	50	0	19.74	20.02	19.84		
10	256QAM	1	0	19.68	19.79	19.59	20.7	3
10	256QAM	1	25	19.54	19.65	19.42		
10	256QAM	1	49	19.57	19.59	19.48		
10	256QAM	25	0	19.67	19.57	19.46	20.7	3
10	256QAM	25	12	19.42	19.46	19.45		
10	256QAM	25	25	19.46	19.63	19.68		
10	256QAM	50	0	19.55	19.61	19.62		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	22.08	21.97	21.89	23.7	0
5	QPSK	1	12	21.79	21.92	21.79		
5	QPSK	1	24	21.89	21.80	21.87		
5	QPSK	12	0	21.92	22.03	21.83	23.7	0
5	QPSK	12	7	21.83	21.89	21.95		
5	QPSK	12	13	21.90	21.92	21.87		
5	QPSK	25	0	21.71	21.81	21.73		
5	16QAM	1	0	21.91	21.71	21.92	23.7	0
5	16QAM	1	12	21.92	21.87	21.92		
5	16QAM	1	24	21.82	21.94	21.74		
5	16QAM	12	0	20.94	20.90	20.77	22.7	1
5	16QAM	12	7	20.73	20.84	20.73		
5	16QAM	12	13	20.77	20.98	20.75		
5	16QAM	25	0	20.84	20.82	20.83		
5	64QAM	1	0	20.87	20.93	20.72	22.7	1
5	64QAM	1	12	20.89	20.99	20.90		
5	64QAM	1	24	20.89	20.99	20.81		
5	64QAM	12	0	19.93	19.97	19.85	21.7	2
5	64QAM	12	7	19.78	19.81	19.76		
5	64QAM	12	13	19.94	19.80	19.89		
5	64QAM	25	0	19.72	19.96	19.81		
5	256QAM	1	0	19.61	19.75	19.51	20.7	3
5	256QAM	1	12	19.62	19.66	19.48		
5	256QAM	1	24	19.61	19.58	19.45		
5	256QAM	12	0	19.68	19.63	19.42	20.7	3
5	256QAM	12	7	19.44	19.46	19.47		
5	256QAM	12	13	19.46	19.69	19.67		
5	256QAM	25	0	19.58	19.56	19.72		

LTE Band 42 Default

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.06	22.16	22.12	23	0
20	QPSK	1	49	22.14	22.07	22.06		
20	QPSK	1	99	21.99	22.07	21.98		
20	QPSK	50	0	21.99	22.14	22.08	23	0
20	QPSK	50	24	21.88	21.97	22.02		
20	QPSK	50	50	21.93	21.97	21.88		
20	QPSK	100	0	21.87	22.03	21.94		
20	16QAM	1	0	20.96	21.13	21.18	22	1
20	16QAM	1	49	21.15	21.18	21.14		
20	16QAM	1	99	21.03	21.05	21.04		
20	16QAM	50	0	20.00	20.22	20.15	21	2
20	16QAM	50	24	19.98	20.26	20.17		
20	16QAM	50	50	20.12	20.14	20.19		
20	16QAM	100	0	20.04	20.27	20.10		
20	64QAM	1	0	20.03	20.13	20.02	21	2
20	64QAM	1	49	19.97	20.27	20.17		
20	64QAM	1	99	20.05	20.15	20.05		
20	64QAM	50	0	19.11	19.10	19.02	20	3
20	64QAM	50	24	19.02	19.15	19.00		
20	64QAM	50	50	19.05	19.07	19.01		
20	64QAM	100	0	19.02	19.06	19.06		
20	256QAM	1	0	19.08	19.18	19.06	20	3
20	256QAM	1	49	19.13	19.22	19.20		
20	256QAM	1	99	19.16	19.15	19.12		
20	256QAM	50	0	19.14	19.04	19.16	20	3
20	256QAM	50	24	19.02	19.27	19.15		
20	256QAM	50	50	19.11	19.20	19.00		
20	256QAM	100	0	18.99	19.13	18.99		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	21.95	21.99	22.04	23	0
15	QPSK	1	37	22.04	21.90	22.07		
15	QPSK	1	74	21.95	22.01	21.94		
15	QPSK	36	0	21.84	22.02	22.01	23	0
15	QPSK	36	20	21.84	21.78	21.84		
15	QPSK	36	39	21.92	21.85	21.75		
15	QPSK	75	0	21.67	22.05	21.76		
15	16QAM	1	0	20.90	21.08	21.01	22	1
15	16QAM	1	37	21.15	21.09	21.07		
15	16QAM	1	74	20.85	21.05	20.91		
15	16QAM	36	0	19.99	20.05	20.11	21	2
15	16QAM	36	20	19.89	20.11	20.07		
15	16QAM	36	39	20.12	20.06	20.05		
15	16QAM	75	0	19.88	20.25	19.97		
15	64QAM	1	0	19.86	20.08	19.92	21	2
15	64QAM	1	37	19.87	20.14	19.98		
15	64QAM	1	74	19.92	20.07	19.97		
15	64QAM	36	0	18.98	19.05	18.86	20	3
15	64QAM	36	20	19.00	18.99	18.80		
15	64QAM	36	39	19.04	19.09	18.92		
15	64QAM	75	0	18.87	19.05	18.99		
15	256QAM	1	0	19.04	18.99	19.03	20	3
15	256QAM	1	37	18.99	19.17	18.99		
15	256QAM	1	74	19.13	19.03	19.10		
15	256QAM	36	0	18.94	19.05	19.14	20	3
15	256QAM	36	20	18.87	19.22	19.08		
15	256QAM	36	39	18.92	19.09	18.91		
15	256QAM	75	0	19.00	18.94	18.82		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	21.90	22.15	21.95	23	0
10	QPSK	1	25	22.04	21.97	21.87		
10	QPSK	1	49	21.82	21.94	21.97		
10	QPSK	25	0	21.96	21.94	21.99	23	0
10	QPSK	25	12	21.68	21.83	21.98		
10	QPSK	25	25	21.73	21.80	21.80		
10	QPSK	50	0	21.76	22.03	21.86		
10	16QAM	1	0	20.81	21.07	21.09	22	1
10	16QAM	1	25	21.16	21.10	21.00		
10	16QAM	1	49	21.00	21.00	21.00		
10	16QAM	25	0	19.79	20.08	20.01	21	2
10	16QAM	25	12	19.94	20.04	20.09		
10	16QAM	25	25	19.98	20.02	20.03		
10	16QAM	50	0	20.05	20.27	19.95		
10	64QAM	1	0	19.93	20.13	20.01	21	2
10	64QAM	1	25	19.76	20.07	20.08		
10	64QAM	1	49	19.84	20.12	19.88		
10	64QAM	25	0	18.95	19.00	19.03	20	3
10	64QAM	25	12	19.01	19.12	18.96		
10	64QAM	25	25	18.94	19.01	18.81		
10	64QAM	50	0	18.81	18.96	19.04		
10	256QAM	1	0	18.99	19.04	18.99	20	3
10	256QAM	1	25	19.10	19.11	19.06		
10	256QAM	1	49	19.09	18.93	19.09		
10	256QAM	25	0	19.10	18.90	18.96	20	3
10	256QAM	25	12	18.81	19.14	18.99		
10	256QAM	25	25	19.02	19.07	18.88		
10	256QAM	50	0	18.94	18.96	18.78		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.96	22.15	22.13	23	0
5	QPSK	1	12	22.07	21.89	21.90		
5	QPSK	1	24	21.85	22.09	21.90		
5	QPSK	12	0	21.78	22.10	21.94	23	0
5	QPSK	12	7	21.68	21.85	21.97		
5	QPSK	12	13	21.73	21.89	21.87		
5	QPSK	25	0	21.88	21.96	21.92		
5	16QAM	1	0	20.92	21.14	20.99	22	1
5	16QAM	1	12	20.94	21.08	20.94		
5	16QAM	1	24	20.86	20.87	21.02		
5	16QAM	12	0	20.00	20.10	20.05	21	2
5	16QAM	12	7	19.79	20.11	20.06		
5	16QAM	12	13	20.03	19.97	20.10		
5	16QAM	25	0	19.87	20.15	19.93		
5	64QAM	1	0	20.03	20.15	19.90	21	2
5	64QAM	1	12	19.87	20.28	20.10		
5	64QAM	1	24	19.91	20.17	19.98		
5	64QAM	12	0	18.91	18.94	18.81	20	3
5	64QAM	12	7	18.94	19.01	18.93		
5	64QAM	12	13	19.01	19.06	18.85		
5	64QAM	25	0	18.83	19.07	18.88		
5	256QAM	1	0	19.01	19.12	18.96	20	3
5	256QAM	1	12	19.09	19.02	19.15		
5	256QAM	1	24	19.16	19.11	18.93		
5	256QAM	12	0	19.03	18.84	18.96	20	3
5	256QAM	12	7	18.98	19.19	19.04		
5	256QAM	12	13	19.08	19.21	18.86		
5	256QAM	25	0	18.98	19.14	18.92		

Reduced Power Mode for LTE Band 42 DSI9 Part 96

LTE Band 42 DSI9

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	14.92	14.94	14.93	16	0
20	QPSK	1	49	14.89	14.80	14.88		
20	QPSK	1	99	14.78	14.87	14.87		
20	QPSK	50	0	14.86	14.92	14.85	16	0
20	QPSK	50	24	14.77	14.88	14.81		
20	QPSK	50	50	14.74	14.85	14.79		
20	QPSK	100	0	14.82	14.85	14.78		
20	16QAM	1	0	14.76	14.91	14.76	16	0
20	16QAM	1	49	14.86	14.85	14.83		
20	16QAM	1	99	14.82	14.79	14.82		
20	16QAM	50	0	14.81	14.84	14.66	16	0
20	16QAM	50	24	14.78	14.75	14.84		
20	16QAM	50	50	14.73	14.88	14.83		
20	16QAM	100	0	14.77	14.81	14.79		
20	64QAM	1	0	14.84	14.83	14.81	16	0
20	64QAM	1	49	14.73	14.88	14.92		
20	64QAM	1	99	14.88	14.75	14.90		
20	64QAM	50	0	14.78	14.91	14.82	16	0
20	64QAM	50	24	14.77	14.91	14.78		
20	64QAM	50	50	14.78	14.87	14.73		
20	64QAM	100	0	14.78	14.79	14.84		
20	256QAM	1	0	14.89	14.88	14.88	16	0
20	256QAM	1	49	14.93	14.85	14.86		
20	256QAM	1	99	14.72	14.81	14.76		
20	256QAM	50	0	14.89	14.77	14.74	16	0
20	256QAM	50	24	14.85	14.88	14.77		
20	256QAM	50	50	14.75	14.77	14.76		
20	256QAM	100	0	14.74	14.84	14.77		
Channel				43165	43340	43515	Tune-up limit	MPR
Frequency (MHz)				3557.5	3575	3592.5	(dBm)	(dB)
15	QPSK	1	0	14.81	14.88	14.87	16	0
15	QPSK	1	37	14.77	14.75	14.73		
15	QPSK	1	74	14.71	14.72	14.72		
15	QPSK	36	0	14.80	14.80	14.75	16	0
15	QPSK	36	20	14.65	14.76	14.70		
15	QPSK	36	39	14.69	14.75	14.71		
15	QPSK	75	0	14.69	14.80	14.66		
15	16QAM	1	0	14.64	14.79	14.70	16	0
15	16QAM	1	37	14.75	14.73	14.76		
15	16QAM	1	74	14.82	14.81	14.69		
15	16QAM	36	0	14.72	14.77	14.52	16	0
15	16QAM	36	20	14.64	14.71	14.77		
15	16QAM	36	39	14.58	14.80	14.75		
15	16QAM	75	0	14.70	14.72	14.72		
15	64QAM	1	0	14.76	14.73	14.73	16	0
15	64QAM	1	37	14.59	14.79	14.78		
15	64QAM	1	74	14.73	14.60	14.80		
15	64QAM	36	0	14.62	14.75	14.72	16	0
15	64QAM	36	20	14.63	14.83	14.64		
15	64QAM	36	39	14.65	14.74	14.68		
15	64QAM	75	0	14.69	14.69	14.69		
15	256QAM	1	0	14.82	14.82	14.75	16	0
15	256QAM	1	37	14.82	14.77	14.76		
15	256QAM	1	74	14.63	14.69	14.63		
15	256QAM	36	0	14.78	14.69	14.63	16	0
15	256QAM	36	20	14.80	14.75	14.68		
15	256QAM	36	39	14.64	14.65	14.65		
15	256QAM	75	0	14.68	14.78	14.68		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3555	3575	3595	(dBm)	(dB)
10	QPSK	1	0	14.77	14.86	14.88	16	0
10	QPSK	1	25	14.76	14.69	14.75		
10	QPSK	1	49	14.66	14.75	14.76		
10	QPSK	25	0	14.79	14.88	14.73	16	0
10	QPSK	25	12	14.65	14.77	14.65		
10	QPSK	25	25	14.70	14.76	14.65		
10	QPSK	50	0	14.71	14.71	14.70		
10	16QAM	1	0	14.67	14.82	14.60	16	0
10	16QAM	1	25	14.71	14.74	14.74		
10	16QAM	1	49	14.85	14.87	14.67		
10	16QAM	25	0	14.70	14.73	14.52	16	0
10	16QAM	25	12	14.65	14.65	14.69		
10	16QAM	25	25	14.57	14.73	14.77		
10	16QAM	50	0	14.63	14.72	14.69		
10	64QAM	1	0	14.71	14.73	14.75	16	0
10	64QAM	1	25	14.66	14.73	14.79		
10	64QAM	1	49	14.78	14.66	14.79		
10	64QAM	25	0	14.73	14.79	14.67	16	0
10	64QAM	25	12	14.67	14.79	14.71		
10	64QAM	25	25	14.73	14.73	14.63		
10	64QAM	50	0	14.71	14.63	14.70		
10	256QAM	1	0	14.75	14.82	14.78	16	0
10	256QAM	1	25	14.86	14.78	14.72		
10	256QAM	1	49	14.59	14.77	14.71		
10	256QAM	25	0	14.78	14.64	14.69	16	0
10	256QAM	25	12	14.74	14.84	14.66		
10	256QAM	25	25	14.60	14.67	14.68		
10	256QAM	50	0	14.59	14.75	14.69		
Channel				43115	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3552.5	3575	3597.5	(dBm)	(dB)
5	QPSK	1	0	14.83	14.88	14.88	16	0
5	QPSK	1	12	14.78	14.64	14.73		
5	QPSK	1	24	14.67	14.82	14.80		
5	QPSK	12	0	14.70	14.81	14.73	16	0
5	QPSK	12	7	14.64	14.82	14.70		
5	QPSK	12	13	14.66	14.80	14.70		
5	QPSK	25	0	14.78	14.80	14.74		
5	16QAM	1	0	14.68	14.86	14.63	16	0
5	16QAM	1	12	14.79	14.77	14.71		
5	16QAM	1	24	14.89	14.86	14.73		
5	16QAM	12	0	14.76	14.70	14.55	16	0
5	16QAM	12	7	14.66	14.64	14.72		
5	16QAM	12	13	14.61	14.82	14.69		
5	16QAM	25	0	14.71	14.69	14.67		
5	64QAM	1	0	14.75	14.68	14.66	16	0
5	64QAM	1	12	14.60	14.80	14.87		
5	64QAM	1	24	14.77	14.67	14.85		
5	64QAM	12	0	14.67	14.79	14.78	16	0
5	64QAM	12	7	14.71	14.76	14.68		
5	64QAM	12	13	14.74	14.82	14.66		
5	64QAM	25	0	14.63	14.66	14.70		
5	256QAM	1	0	14.81	14.73	14.79	16	0
5	256QAM	1	12	14.87	14.75	14.73		
5	256QAM	1	24	14.62	14.73	14.64		
5	256QAM	12	0	14.78	14.72	14.69	16	0
5	256QAM	12	7	14.76	14.75	14.68		
5	256QAM	12	13	14.66	14.62	14.62		
5	256QAM	25	0	14.66	14.73	14.71		

LTE Band 42 Default

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.12	22.23	22.15	23	0
20	QPSK	1	49	22.05	22.13	22.17		
20	QPSK	1	99	22.10	22.15	22.13		
20	QPSK	50	0	22.13	22.21	22.17	23	0
20	QPSK	50	24	22.07	21.95	22.08		
20	QPSK	50	50	22.05	22.04	22.14		
20	QPSK	100	0	22.11	22.20	22.15		
20	16QAM	1	0	21.29	21.50	21.49	22	1
20	16QAM	1	49	21.31	21.30	21.49		
20	16QAM	1	99	21.32	21.30	21.40		
20	16QAM	50	0	20.60	20.63	20.40	21	2
20	16QAM	50	24	20.60	20.58	20.35		
20	16QAM	50	50	20.55	20.46	20.40		
20	16QAM	100	0	20.48	20.42	20.51		
20	64QAM	1	0	20.46	20.53	20.35	21	2
20	64QAM	1	49	20.54	20.61	20.58		
20	64QAM	1	99	20.55	20.30	20.35		
20	64QAM	50	0	19.45	19.35	19.44	20	3
20	64QAM	50	24	19.45	19.60	19.38		
20	64QAM	50	50	19.41	19.47	19.58		
20	64QAM	100	0	19.46	19.35	19.47		
20	256QAM	1	0	17.35	17.45	17.53	18	5
20	256QAM	1	49	17.59	17.47	17.57		
20	256QAM	1	99	17.55	17.65	17.34		
20	256QAM	50	0	17.53	17.60	17.55	18	5
20	256QAM	50	24	17.68	17.58	17.36		
20	256QAM	50	50	17.54	17.46	17.39		
20	256QAM	100	0	17.32	17.54	17.57		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.01	22.09	22.00	23	0
15	QPSK	1	37	21.95	22.21	21.98		
15	QPSK	1	74	21.99	21.95	21.95		
15	QPSK	36	0	22.11	22.09	22.01	23	0
15	QPSK	36	20	22.03	21.84	22.01		
15	QPSK	36	39	21.95	21.84	22.01		
15	QPSK	75	0	21.93	22.07	22.03		
15	16QAM	1	0	21.20	21.34	21.47	22	1
15	16QAM	1	37	21.25	21.31	21.29		
15	16QAM	1	74	21.14	21.23	21.31		
15	16QAM	36	0	20.59	20.58	20.21	21	2
15	16QAM	36	20	20.58	20.44	20.13		
15	16QAM	36	39	20.38	20.26	20.19		
15	16QAM	75	0	20.48	20.35	20.34		
15	64QAM	1	0	20.32	20.51	20.27	21	2
15	64QAM	1	37	20.43	20.55	20.60		
15	64QAM	1	74	20.49	20.28	20.32		
15	64QAM	36	0	19.35	19.31	19.43	20	3
15	64QAM	36	20	19.47	19.58	19.18		
15	64QAM	36	39	19.30	19.26	19.58		
15	64QAM	75	0	19.32	19.22	19.37		
15	256QAM	1	0	17.28	17.45	17.52	18	5
15	256QAM	1	37	17.40	17.47	17.42		
15	256QAM	1	74	17.39	17.56	17.35		
15	256QAM	36	0	17.45	17.40	17.38	18	5
15	256QAM	36	20	17.57	17.38	17.17		
15	256QAM	36	39	17.48	17.29	17.26		
15	256QAM	75	0	17.19	17.41	17.49		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.11	22.15	22.08	23	0
10	QPSK	1	25	22.05	21.92	22.01		
10	QPSK	1	49	22.01	22.13	21.97		
10	QPSK	25	0	22.03	22.11	22.07	23	0
10	QPSK	25	12	22.05	21.76	21.92		
10	QPSK	25	25	21.84	21.93	22.07		
10	QPSK	50	0	22.01	22.09	22.04		
10	16QAM	1	0	21.30	21.49	21.35	22	1
10	16QAM	1	25	21.14	21.26	21.45		
10	16QAM	1	49	21.11	21.25	21.31		
10	16QAM	25	0	20.53	20.58	20.19	21	2
10	16QAM	25	12	20.39	20.53	20.37		
10	16QAM	25	25	20.41	20.31	20.23		
10	16QAM	50	0	20.34	20.20	20.32		
10	64QAM	1	0	20.34	20.53	20.35	21	2
10	64QAM	1	25	20.33	20.45	20.58		
10	64QAM	1	49	20.33	20.10	20.35		
10	64QAM	25	0	19.25	19.14	19.30	20	3
10	64QAM	25	12	19.30	19.38	19.20		
10	64QAM	25	25	19.32	19.36	19.43		
10	64QAM	50	0	19.36	19.32	19.45		
10	256QAM	1	0	17.23	17.30	17.44	18	5
10	256QAM	1	25	17.43	17.41	17.57		
10	256QAM	1	49	17.37	17.45	17.14		
10	256QAM	25	0	17.44	17.58	17.47	18	5
10	256QAM	25	12	17.49	17.41	17.36		
10	256QAM	25	25	17.42	17.43	17.39		
10	256QAM	50	0	17.28	17.52	17.38		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.97	22.09	22.01	23	0
5	QPSK	1	12	22.02	22.14	22.15		
5	QPSK	1	24	22.03	22.05	22.14		
5	QPSK	12	0	22.01	22.09	22.09	23	0
5	QPSK	12	7	21.90	21.82	21.97		
5	QPSK	12	13	21.98	21.90	22.07		
5	QPSK	25	0	21.95	22.15	22.13		
5	16QAM	1	0	21.29	21.37	21.46	22	1
5	16QAM	1	12	21.20	21.14	21.40		
5	16QAM	1	24	21.33	21.31	21.37		
5	16QAM	12	0	20.59	20.64	20.41	21	2
5	16QAM	12	7	20.44	20.42	20.24		
5	16QAM	12	13	20.44	20.46	20.27		
5	16QAM	25	0	20.39	20.40	20.53		
5	64QAM	1	0	20.28	20.38	20.32	21	2
5	64QAM	1	12	20.36	20.55	20.46		
5	64QAM	1	24	20.54	20.20	20.22		
5	64QAM	12	0	19.44	19.15	19.43	20	3
5	64QAM	12	7	19.40	19.40	19.36		
5	64QAM	12	13	19.26	19.28	19.49		
5	64QAM	25	0	19.32	19.15	19.37		
5	256QAM	1	0	17.24	17.25	17.55	18	5
5	256QAM	1	12	17.60	17.48	17.50		
5	256QAM	1	24	17.43	17.53	17.33		
5	256QAM	12	0	17.37	17.59	17.55	18	5
5	256QAM	12	7	17.52	17.56	17.24		
5	256QAM	12	13	17.44	17.44	17.25		
5	256QAM	25	0	17.26	17.53	17.44		

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FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	15.13	15.21	15.17	15.4	0
20	QPSK	1	49	15.07	15.13	15.16		
20	QPSK	1	99	15.16	15.18	15.15		
20	QPSK	50	0	15.06	15.19	15.12	15.4	0
20	QPSK	50	24	15.13	15.15	15.11		
20	QPSK	50	50	15.08	15.11	15.15		
20	QPSK	100	0	15.12	15.16	15.14		
20	16QAM	1	0	15.17	15.15	15.19	15.4	0
20	16QAM	1	49	15.09	15.16	15.08		
20	16QAM	1	99	15.12	15.15	15.19		
20	16QAM	50	0	15.08	15.18	15.09	15.4	0
20	16QAM	50	24	15.10	15.10	15.09		
20	16QAM	50	50	15.06	15.13	15.12		
20	16QAM	100	0	15.07	15.14	15.16		
20	64QAM	1	0	15.07	15.10	15.16	15.4	0
20	64QAM	1	49	15.08	15.13	15.19		
20	64QAM	1	99	15.09	15.20	15.11		
20	64QAM	50	0	15.15	15.14	15.15	15.4	0
20	64QAM	50	24	15.07	15.12	15.09		
20	64QAM	50	50	15.12	15.10	15.11		
20	64QAM	100	0	15.14	15.19	15.16		
20	256QAM	1	0	15.17	15.16	15.07	15.4	0
20	256QAM	1	49	15.16	15.19	15.14		
20	256QAM	1	99	15.09	15.12	15.18		
20	256QAM	50	0	15.08	15.09	15.08	15.4	0
20	256QAM	50	24	15.18	15.14	15.15		
20	256QAM	50	50	15.09	15.11	15.10		
20	256QAM	100	0	15.16	15.12	15.13		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	15.11	15.14	15.11	15.4	0
15	QPSK	1	37	15.01	15.03	15.16		
15	QPSK	1	74	15.12	15.09	15.12		
15	QPSK	36	0	14.96	15.14	15.05	15.4	0
15	QPSK	36	20	15.10	15.04	15.04		
15	QPSK	36	39	15.06	15.00	15.10		
15	QPSK	75	0	15.02	15.10	15.06		
15	16QAM	1	0	15.13	15.07	15.17	15.4	0
15	16QAM	1	37	15.06	15.05	15.08		
15	16QAM	1	74	15.12	15.11	15.17		
15	16QAM	36	0	15.08	15.17	15.05	15.4	0
15	16QAM	36	20	15.06	15.03	14.99		
15	16QAM	36	39	15.07	15.04	15.08		
15	16QAM	75	0	15.01	15.05	15.13		
15	64QAM	1	0	15.02	15.02	15.13	15.4	0
15	64QAM	1	37	15.04	15.09	15.15		
15	64QAM	1	74	15.06	15.17	15.12		
15	64QAM	36	0	15.15	15.08	15.05	15.4	0
15	64QAM	36	20	15.08	15.10	15.09		
15	64QAM	36	39	15.11	15.07	15.06		
15	64QAM	75	0	15.14	15.16	15.16		
15	256QAM	1	0	15.16	15.06	14.99	15.4	0
15	256QAM	1	37	15.06	15.11	15.08		
15	256QAM	1	74	15.08	15.04	15.12		
15	256QAM	36	0	15.02	15.02	15.08	15.4	0
15	256QAM	36	20	15.16	15.09	15.10		
15	256QAM	36	39	15.07	15.16	15.11		
15	256QAM	75	0	15.11	15.05	15.12		
Channel				43160	43340	43520	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	15.13	15.13	15.08	15.4	0
10	QPSK	1	25	15.07	15.03	15.10		
10	QPSK	1	49	15.17	15.16	15.06		
10	QPSK	25	0	14.97	15.20	15.12	15.4	0
10	QPSK	25	12	15.07	15.07	15.01		
10	QPSK	25	25	15.05	15.01	15.09		
10	QPSK	50	0	15.10	15.11	15.14		
10	16QAM	1	0	15.10	15.10	15.12	15.4	0
10	16QAM	1	25	15.08	15.09	15.00		
10	16QAM	1	49	15.04	15.07	15.13		
10	16QAM	25	0	15.05	15.09	15.09	15.4	0
10	16QAM	25	12	15.05	15.03	15.03		
10	16QAM	25	25	14.98	15.03	15.09		
10	16QAM	50	0	15.05	15.09	15.09		
10	64QAM	1	0	15.00	15.02	15.08	15.4	0
10	64QAM	1	25	15.01	15.13	15.17		
10	64QAM	1	49	15.01	15.17	15.09		
10	64QAM	25	0	15.06	15.09	15.13	15.4	0
10	64QAM	25	12	15.02	15.08	15.02		
10	64QAM	25	25	15.03	15.03	15.03		
10	64QAM	50	0	15.06	15.14	15.10		
10	256QAM	1	0	15.14	15.16	14.98	15.4	0
10	256QAM	1	25	15.09	15.17	15.09		
10	256QAM	1	49	15.04	15.08	15.12		
10	256QAM	25	0	15.09	15.04	15.01	15.4	0
10	256QAM	25	12	15.07	15.14	15.12		
10	256QAM	25	25	15.04	15.14	15.09		
10	256QAM	50	0	15.11	15.01	15.05		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	15.13	15.20	15.07	15.4	0
5	QPSK	1	12	15.05	15.12	15.17		
5	QPSK	1	24	15.07	15.12	15.10		
5	QPSK	12	0	14.96	15.19	15.08	15.4	0
5	QPSK	12	7	15.12	15.06	15.01		
5	QPSK	12	13	15.08	15.11	15.11		
5	QPSK	25	0	15.09	15.10	15.07		
5	16QAM	1	0	15.10	15.08	15.12	15.4	0
5	16QAM	1	12	15.07	15.07	15.06		
5	16QAM	1	24	15.06	15.09	15.18		
5	16QAM	12	0	15.08	15.11	15.09	15.4	0
5	16QAM	12	7	15.04	15.10	15.08		
5	16QAM	12	13	15.01	15.02	15.13		
5	16QAM	25	0	15.06	15.14	15.15		
5	64QAM	1	0	15.05	15.04	15.08	15.4	0
5	64QAM	1	12	15.08	15.14	15.10		
5	64QAM	1	24	15.06	15.09	15.03		
5	64QAM	12	0	15.06	15.12	15.09	15.4	0
5	64QAM	12	7	15.02	15.13	15.07		
5	64QAM	12	13	15.01	15.02	15.01		
5	64QAM	25	0	15.06	15.18	15.14		
5	256QAM	1	0	15.14	15.05	15.05	15.4	0
5	256QAM	1	12	15.09	15.12	15.09		
5	256QAM	1	24	15.01	15.10	15.11		
5	256QAM	12	0	15.03	15.07	15.05	15.4	0
5	256QAM	12	7	15.15	15.04	15.07		
5	256QAM	12	13	15.07	15.21	15.02		
5	256QAM	25	0	15.15	15.02	15.12		

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FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	14.86	15.03	14.89	15.7	0
20	QPSK	1	49	14.74	14.96	14.78		
20	QPSK	1	99	14.80	14.94	14.80		
20	QPSK	50	0	14.82	14.92	14.73	15.7	0
20	QPSK	50	24	14.73	14.89	14.61		
20	QPSK	50	50	14.73	14.78	14.80		
20	QPSK	100	0	14.70	14.95	14.78		
20	16QAM	1	0	14.61	14.90	14.69	15.7	0
20	16QAM	1	49	14.59	14.79	14.73		
20	16QAM	1	99	14.67	14.97	14.67		
20	16QAM	50	0	14.62	14.97	14.68	15.7	0
20	16QAM	50	24	14.59	14.77	14.78		
20	16QAM	50	50	14.67	14.95	14.68		
20	16QAM	100	0	14.62	14.80	14.76		
20	64QAM	1	0	14.65	14.84	14.62	15.7	0
20	64QAM	1	49	14.76	14.93	14.85		
20	64QAM	1	99	14.81	14.91	14.81		
20	64QAM	50	0	14.57	14.91	14.73	15.7	0
20	64QAM	50	24	14.66	14.83	14.75		
20	64QAM	50	50	14.62	14.95	14.66		
20	64QAM	100	0	14.67	14.79	14.82		
20	256QAM	1	0	14.74	14.92	14.68	15.7	0
20	256QAM	1	49	14.57	14.88	14.76		
20	256QAM	1	99	14.71	14.92	14.81		
20	256QAM	50	0	14.79	14.81	14.59	15.7	0
20	256QAM	50	24	14.69	14.98	14.74		
20	256QAM	50	50	14.69	14.97	14.68		
20	256QAM	100	0	14.74	14.84	14.72		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	14.79	14.87	14.75	15.7	0
15	QPSK	1	37	14.79	14.81	14.63		
15	QPSK	1	74	14.73	14.83	14.70		
15	QPSK	36	0	14.71	14.77	14.68	15.7	0
15	QPSK	36	20	14.75	14.79	14.50		
15	QPSK	36	39	14.74	14.69	14.76		
15	QPSK	75	0	14.78	14.83	14.64		
15	16QAM	1	0	14.78	14.79	14.59	15.7	0
15	16QAM	1	37	14.75	14.69	14.58		
15	16QAM	1	74	14.73	14.83	14.59		
15	16QAM	36	0	14.80	14.81	14.53	15.7	0
15	16QAM	36	20	14.70	14.70	14.69		
15	16QAM	36	39	14.80	14.88	14.57		
15	16QAM	75	0	14.81	14.69	14.67		
15	64QAM	1	0	14.71	14.70	14.47	15.7	0
15	64QAM	1	37	14.78	14.80	14.78		
15	64QAM	1	74	14.73	14.81	14.70		
15	64QAM	36	0	14.80	14.76	14.62	15.7	0
15	64QAM	36	20	14.75	14.78	14.69		
15	64QAM	36	39	14.76	14.85	14.62		
15	64QAM	75	0	14.71	14.72	14.70		
15	256QAM	1	0	14.77	14.76	14.57	15.7	0
15	256QAM	1	37	14.78	14.73	14.66		
15	256QAM	1	74	14.70	14.80	14.74		
15	256QAM	36	0	14.80	14.67	14.48	15.7	0
15	256QAM	36	20	14.81	14.84	14.62		
15	256QAM	36	39	14.80	14.87	14.61		
15	256QAM	75	0	14.76	14.75	14.56		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	14.76	14.95	14.79	15.7	0
10	QPSK	1	25	14.76	14.88	14.65		
10	QPSK	1	49	14.76	14.83	14.67		
10	QPSK	25	0	14.75	14.80	14.58	15.7	0
10	QPSK	25	12	14.80	14.76	14.50		
10	QPSK	25	25	14.80	14.69	14.72		
10	QPSK	50	0	14.79	14.82	14.64		
10	16QAM	1	0	14.72	14.78	14.53	15.7	0
10	16QAM	1	25	14.81	14.72	14.68		
10	16QAM	1	49	14.80	14.89	14.60		
10	16QAM	25	0	14.79	14.84	14.57	15.7	0
10	16QAM	25	12	14.74	14.69	14.73		
10	16QAM	25	25	14.80	14.88	14.59		
10	16QAM	50	0	14.77	14.70	14.69		
10	64QAM	1	0	14.77	14.80	14.54	15.7	0
10	64QAM	1	25	14.71	14.82	14.70		
10	64QAM	1	49	14.70	14.79	14.74		
10	64QAM	25	0	14.82	14.75	14.61	15.7	0
10	64QAM	25	12	14.77	14.79	14.70		
10	64QAM	25	25	14.76	14.91	14.51		
10	64QAM	50	0	14.70	14.73	14.74		
10	256QAM	1	0	14.79	14.77	14.57	15.7	0
10	256QAM	1	25	14.72	14.73	14.69		
10	256QAM	1	49	14.78	14.77	14.76		
10	256QAM	25	0	14.79	14.74	14.47	15.7	0
10	256QAM	25	12	14.74	14.89	14.65		
10	256QAM	25	25	14.72	14.83	14.54		
10	256QAM	50	0	14.74	14.78	14.67		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	14.74	14.90	14.73	15.7	0
5	QPSK	1	12	14.74	14.82	14.74		
5	QPSK	1	24	14.71	14.88	14.75		
5	QPSK	12	0	14.76	14.86	14.61	15.7	0
5	QPSK	12	7	14.72	14.82	14.53		
5	QPSK	12	13	14.82	14.64	14.68		
5	QPSK	25	0	14.81	14.80	14.71		
5	16QAM	1	0	14.79	14.76	14.58	15.7	0
5	16QAM	1	12	14.74	14.64	14.66		
5	16QAM	1	24	14.78	14.88	14.53		
5	16QAM	12	0	14.81	14.86	14.56	15.7	0
5	16QAM	12	7	14.72	14.66	14.68		
5	16QAM	12	13	14.76	14.84	14.62		
5	16QAM	25	0	14.80	14.75	14.61		
5	64QAM	1	0	14.73	14.79	14.46	15.7	0
5	64QAM	1	12	14.79	14.88	14.78		
5	64QAM	1	24	14.78	14.80	14.68		
5	64QAM	12	0	14.74	14.81	14.58	15.7	0
5	64QAM	12	7	14.76	14.68	14.63		
5	64QAM	12	13	14.73	14.82	14.60		
5	64QAM	25	0	14.71	14.65	14.68		
5	256QAM	1	0	14.77	14.84	14.58	15.7	0
5	256QAM	1	12	14.74	14.77	14.72		
5	256QAM	1	24	14.81	14.87	14.71		
5	256QAM	12	0	14.82	14.74	14.45	15.7	0
5	256QAM	12	7	14.76	14.88	14.65		
5	256QAM	12	13	14.78	14.86	14.52		
5	256QAM	25	0	14.71	14.80	14.67		

Reduced Power Mode for LTE Band 42 DSI10 Part 96

LTE Band 42 DSI10

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	14.38	14.52	14.41	16.2	0
20	QPSK	1	49	14.39	14.45	14.39		
20	QPSK	1	99	14.37	14.43	14.33		
20	QPSK	50	0	14.36	14.51	14.39	16.2	0
20	QPSK	50	24	14.46	14.41	14.35		
20	QPSK	50	50	14.44	14.44	14.35		
20	QPSK	100	0	14.46	14.48	14.34		
20	16QAM	1	0	14.41	14.48	14.38	16.2	0
20	16QAM	1	49	14.39	14.44	14.40		
20	16QAM	1	99	14.44	14.43	14.34		
20	16QAM	50	0	14.40	14.50	14.38	16.2	0
20	16QAM	50	24	14.35	14.42	14.33		
20	16QAM	50	50	14.35	14.43	14.32		
20	16QAM	100	0	14.43	14.50	14.41		
20	64QAM	1	0	14.42	14.46	14.38	16.2	0
20	64QAM	1	49	14.47	14.50	14.37		
20	64QAM	1	99	14.37	14.51	14.35		
20	64QAM	50	0	14.36	14.44	14.38	16.2	0
20	64QAM	50	24	14.38	14.44	14.34		
20	64QAM	50	50	14.36	14.50	14.42		
20	64QAM	100	0	14.45	14.45	14.37		
20	256QAM	1	0	14.37	14.38	14.31	16.2	0
20	256QAM	1	49	14.41	14.49	14.38		
20	256QAM	1	99	14.45	14.46	14.42		
20	256QAM	50	0	14.47	14.43	14.31	16.2	0
20	256QAM	50	24	14.36	14.45	14.36		
20	256QAM	50	50	14.45	14.50	14.40		
20	256QAM	100	0	14.35	14.47	14.34		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	14.43	14.44	14.42	16.2	0
15	QPSK	1	37	14.34	14.44	14.35		
15	QPSK	1	74	14.34	14.42	14.39		
15	QPSK	36	0	14.38	14.48	14.41	16.2	0
15	QPSK	36	20	14.47	14.38	14.35		
15	QPSK	36	39	14.49	14.44	14.32		
15	QPSK	75	0	14.51	14.50	14.36		
15	16QAM	1	0	14.42	14.44	14.36	16.2	0
15	16QAM	1	37	14.38	14.44	14.38		
15	16QAM	1	74	14.44	14.47	14.38		
15	16QAM	36	0	14.40	14.41	14.40	16.2	0
15	16QAM	36	20	14.34	14.39	14.38		
15	16QAM	36	39	14.34	14.41	14.36		
15	16QAM	75	0	14.41	14.51	14.42		
15	64QAM	1	0	14.45	14.46	14.33	16.2	0
15	64QAM	1	37	14.47	14.45	14.37		
15	64QAM	1	74	14.43	14.48	14.30		
15	64QAM	36	0	14.31	14.42	14.43	16.2	0
15	64QAM	36	20	14.43	14.45	14.32		
15	64QAM	36	39	14.33	14.42	14.47		
15	64QAM	75	0	14.42	14.48	14.35		
15	256QAM	1	0	14.42	14.44	14.36	16.2	0
15	256QAM	1	37	14.40	14.49	14.38		
15	256QAM	1	74	14.44	14.41	14.45		
15	256QAM	36	0	14.45	14.45	14.36	16.2	0
15	256QAM	36	20	14.35	14.50	14.36		
15	256QAM	36	39	14.50	14.47	14.36		
15	256QAM	75	0	14.32	14.51	14.33		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	14.42	14.40	14.42	16.2	0
10	QPSK	1	25	14.45	14.47	14.38		
10	QPSK	1	49	14.42	14.41	14.37		
10	QPSK	25	0	14.36	14.50	14.35	16.2	0
10	QPSK	25	12	14.41	14.46	14.34		
10	QPSK	25	25	14.45	14.42	14.30		
10	QPSK	50	0	14.41	14.49	14.34		
10	16QAM	1	0	14.41	14.43	14.34	16.2	0
10	16QAM	1	25	14.45	14.43	14.39		
10	16QAM	1	49	14.46	14.45	14.35		
10	16QAM	25	0	14.35	14.49	14.43	16.2	0
10	16QAM	25	12	14.33	14.45	14.29		
10	16QAM	25	25	14.39	14.49	14.28		
10	16QAM	50	0	14.48	14.49	14.43		
10	64QAM	1	0	14.41	14.51	14.43	16.2	0
10	64QAM	1	25	14.41	14.39	14.40		
10	64QAM	1	49	14.41	14.39	14.30		
10	64QAM	25	0	14.37	14.50	14.38	16.2	0
10	64QAM	25	12	14.42	14.41	14.39		
10	64QAM	25	25	14.38	14.45	14.45		
10	64QAM	50	0	14.47	14.51	14.31		
10	256QAM	1	0	14.35	14.42	14.32	16.2	0
10	256QAM	1	25	14.37	14.45	14.41		
10	256QAM	1	49	14.50	14.49	14.40		
10	256QAM	25	0	14.45	14.40	14.34	16.2	0
10	256QAM	25	12	14.40	14.41	14.35		
10	256QAM	25	25	14.44	14.47	14.35		
10	256QAM	50	0	14.33	14.43	14.40		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	14.41	14.44	14.36	16.2	0
5	QPSK	1	12	14.34	14.46	14.45		
5	QPSK	1	24	14.37	14.49	14.37		
5	QPSK	12	0	14.33	14.45	14.40	16.2	0
5	QPSK	12	7	14.44	14.41	14.30		
5	QPSK	12	13	14.42	14.43	14.40		
5	QPSK	25	0	14.46	14.41	14.28		
5	16QAM	1	0	14.41	14.50	14.37	16.2	0
5	16QAM	1	12	14.33	14.40	14.44		
5	16QAM	1	24	14.43	14.47	14.31		
5	16QAM	12	0	14.46	14.41	14.33	16.2	0
5	16QAM	12	7	14.37	14.38	14.36		
5	16QAM	12	13	14.41	14.42	14.37		
5	16QAM	25	0	14.41	14.50	14.37		
5	64QAM	1	0	14.41	14.51	14.36	16.2	0
5	64QAM	1	12	14.44	14.48	14.36		
5	64QAM	1	24	14.32	14.41	14.31		
5	64QAM	12	0	14.30	14.42	14.41	16.2	0
5	64QAM	12	7	14.32	14.45	14.28		
5	64QAM	12	13	14.35	14.51	14.39		
5	64QAM	25	0	14.46	14.42	14.38		
5	256QAM	1	0	14.35	14.48	14.35	16.2	0
5	256QAM	1	12	14.47	14.45	14.41		
5	256QAM	1	24	14.46	14.43	14.38		
5	256QAM	12	0	14.49	14.45	14.34	16.2	0
5	256QAM	12	7	14.36	14.41	14.37		
5	256QAM	12	13	14.50	14.50	14.39		
5	256QAM	25	0	14.37	14.47	14.35		

LTE Band 42 Default

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.12	22.23	22.15	23	0
20	QPSK	1	49	22.05	22.13	22.17		
20	QPSK	1	99	22.10	22.15	22.13		
20	QPSK	50	0	22.13	22.21	22.17	23	0
20	QPSK	50	24	22.07	21.95	22.08		
20	QPSK	50	50	22.05	22.04	22.14		
20	QPSK	100	0	22.11	22.20	22.15		
20	16QAM	1	0	21.29	21.50	21.49	22	1
20	16QAM	1	49	21.31	21.30	21.49		
20	16QAM	1	99	21.32	21.30	21.40		
20	16QAM	50	0	20.60	20.63	20.40	21	2
20	16QAM	50	24	20.60	20.58	20.35		
20	16QAM	50	50	20.55	20.46	20.40		
20	16QAM	100	0	20.48	20.42	20.51		
20	64QAM	1	0	20.46	20.53	20.35	21	2
20	64QAM	1	49	20.54	20.61	20.58		
20	64QAM	1	99	20.55	20.30	20.35		
20	64QAM	50	0	19.45	19.35	19.44	20	3
20	64QAM	50	24	19.45	19.60	19.38		
20	64QAM	50	50	19.41	19.47	19.58		
20	64QAM	100	0	19.46	19.35	19.47		
20	256QAM	1	0	17.35	17.45	17.53	18	5
20	256QAM	1	49	17.59	17.47	17.57		
20	256QAM	1	99	17.55	17.65	17.34		
20	256QAM	50	0	17.53	17.60	17.55	18	5
20	256QAM	50	24	17.68	17.58	17.36		
20	256QAM	50	50	17.54	17.46	17.39		
20	256QAM	100	0	17.32	17.54	17.57		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.01	22.09	22.00	23	0
15	QPSK	1	37	21.95	22.21	21.98		
15	QPSK	1	74	21.99	21.95	21.95		
15	QPSK	36	0	22.11	22.09	22.01	23	0
15	QPSK	36	20	22.03	21.84	22.01		
15	QPSK	36	39	21.95	21.84	22.01		
15	QPSK	75	0	21.93	22.07	22.03		
15	16QAM	1	0	21.20	21.34	21.47	22	1
15	16QAM	1	37	21.25	21.31	21.29		
15	16QAM	1	74	21.14	21.23	21.31		
15	16QAM	36	0	20.59	20.58	20.21	21	2
15	16QAM	36	20	20.58	20.44	20.13		
15	16QAM	36	39	20.38	20.26	20.19		
15	16QAM	75	0	20.48	20.35	20.34		
15	64QAM	1	0	20.32	20.51	20.27	21	2
15	64QAM	1	37	20.43	20.55	20.60		
15	64QAM	1	74	20.49	20.28	20.32		
15	64QAM	36	0	19.35	19.31	19.43	20	3
15	64QAM	36	20	19.47	19.58	19.18		
15	64QAM	36	39	19.30	19.26	19.58		
15	64QAM	75	0	19.32	19.22	19.37		
15	256QAM	1	0	17.28	17.45	17.52	18	5
15	256QAM	1	37	17.40	17.47	17.42		
15	256QAM	1	74	17.39	17.56	17.35		
15	256QAM	36	0	17.45	17.40	17.38	18	5
15	256QAM	36	20	17.57	17.38	17.17		
15	256QAM	36	39	17.48	17.29	17.26		
15	256QAM	75	0	17.19	17.41	17.49		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.11	22.15	22.08	23	0
10	QPSK	1	25	22.05	21.92	22.01		
10	QPSK	1	49	22.01	22.13	21.97		
10	QPSK	25	0	22.03	22.11	22.07	23	0
10	QPSK	25	12	22.05	21.76	21.92		
10	QPSK	25	25	21.84	21.93	22.07		
10	QPSK	50	0	22.01	22.09	22.04		
10	16QAM	1	0	21.30	21.49	21.35	22	1
10	16QAM	1	25	21.14	21.26	21.45		
10	16QAM	1	49	21.11	21.25	21.31		
10	16QAM	25	0	20.53	20.58	20.19	21	2
10	16QAM	25	12	20.39	20.53	20.37		
10	16QAM	25	25	20.41	20.31	20.23		
10	16QAM	50	0	20.34	20.20	20.32		
10	64QAM	1	0	20.34	20.53	20.35	21	2
10	64QAM	1	25	20.33	20.45	20.58		
10	64QAM	1	49	20.33	20.10	20.35		
10	64QAM	25	0	19.25	19.14	19.30	20	3
10	64QAM	25	12	19.30	19.38	19.20		
10	64QAM	25	25	19.32	19.36	19.43		
10	64QAM	50	0	19.36	19.32	19.45		
10	256QAM	1	0	17.23	17.30	17.44	18	5
10	256QAM	1	25	17.43	17.41	17.57		
10	256QAM	1	49	17.37	17.45	17.14		
10	256QAM	25	0	17.44	17.58	17.47	18	5
10	256QAM	25	12	17.49	17.41	17.36		
10	256QAM	25	25	17.42	17.43	17.39		
10	256QAM	50	0	17.28	17.52	17.38		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	21.97	22.09	22.01	23	0
5	QPSK	1	12	22.02	22.14	22.15		
5	QPSK	1	24	22.03	22.05	22.14		
5	QPSK	12	0	22.01	22.09	22.09	23	0
5	QPSK	12	7	21.90	21.82	21.97		
5	QPSK	12	13	21.98	21.90	22.07		
5	QPSK	25	0	21.95	22.15	22.13		
5	16QAM	1	0	21.29	21.37	21.46	22	1
5	16QAM	1	12	21.20	21.14	21.40		
5	16QAM	1	24	21.33	21.31	21.37		
5	16QAM	12	0	20.59	20.64	20.41	21	2
5	16QAM	12	7	20.44	20.42	20.24		
5	16QAM	12	13	20.44	20.46	20.27		
5	16QAM	25	0	20.39	20.40	20.53		
5	64QAM	1	0	20.28	20.38	20.32	21	2
5	64QAM	1	12	20.36	20.55	20.46		
5	64QAM	1	24	20.54	20.20	20.22		
5	64QAM	12	0	19.44	19.15	19.43	20	3
5	64QAM	12	7	19.40	19.40	19.36		
5	64QAM	12	13	19.26	19.28	19.49		
5	64QAM	25	0	19.32	19.15	19.37		
5	256QAM	1	0	17.24	17.25	17.55	18	5
5	256QAM	1	12	17.60	17.48	17.50		
5	256QAM	1	24	17.43	17.53	17.33		
5	256QAM	12	0	17.37	17.59	17.55	18	5
5	256QAM	12	7	17.52	17.56	17.24		
5	256QAM	12	13	17.44	17.44	17.25		
5	256QAM	25	0	17.26	17.53	17.44		

LTE Band 42 DSI10

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	14.01	14.05	13.98	14.8	0
20	QPSK	1	49	13.84	13.94	13.81		
20	QPSK	1	99	13.94	13.96	13.85		
20	QPSK	50	0	13.86	13.96	13.82	14.8	0
20	QPSK	50	24	13.83	13.77	13.75		
20	QPSK	50	50	13.83	13.87	13.88		
20	QPSK	100	0	13.75	13.86	13.78		
20	16QAM	1	0	13.81	13.71	13.64	14.8	0
20	16QAM	1	49	13.75	14.00	13.93		
20	16QAM	1	99	13.73	13.78	13.89		
20	16QAM	50	0	13.69	13.97	13.63	14.8	0
20	16QAM	50	24	13.98	13.83	13.75		
20	16QAM	50	50	13.85	13.68	13.84		
20	16QAM	100	0	13.68	13.95	13.59		
20	64QAM	1	0	13.78	13.92	13.72	14.8	0
20	64QAM	1	49	13.82	13.79	13.80		
20	64QAM	1	99	13.83	13.84	13.65		
20	64QAM	50	0	13.79	13.88	13.89	14.8	0
20	64QAM	50	24	13.80	13.66	13.83		
20	64QAM	50	50	13.67	13.94	13.54		
20	64QAM	100	0	13.95	13.81	13.75		
20	256QAM	1	0	13.67	13.76	13.80	14.8	0
20	256QAM	1	49	13.85	13.90	13.68		
20	256QAM	1	99	13.84	13.95	13.85		
20	256QAM	50	0	13.72	13.68	13.74	14.8	0
20	256QAM	50	24	13.82	13.71	13.81		
20	256QAM	50	50	13.92	13.81	13.81		
20	256QAM	100	0	13.88	13.81	13.79		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	13.97	13.97	13.90	14.8	0
15	QPSK	1	37	13.78	13.83	13.67		
15	QPSK	1	74	13.84	13.88	13.78		
15	QPSK	36	0	13.81	13.81	13.73	14.8	0
15	QPSK	36	20	13.75	13.69	13.67		
15	QPSK	36	39	13.74	13.72	13.84		
15	QPSK	75	0	13.65	13.81	13.65		
15	16QAM	1	0	13.65	13.60	13.52	14.8	0
15	16QAM	1	37	13.69	13.94	13.89		
15	16QAM	1	74	13.61	13.72	13.74		
15	16QAM	36	0	13.64	13.81	13.48	14.8	0
15	16QAM	36	20	13.92	13.78	13.64		
15	16QAM	36	39	13.70	13.64	13.73		
15	16QAM	75	0	13.53	13.84	13.53		
15	64QAM	1	0	13.69	13.80	13.60	14.8	0
15	64QAM	1	37	13.78	13.69	13.76		
15	64QAM	1	74	13.70	13.73	13.54		
15	64QAM	36	0	13.73	13.79	13.79	14.8	0
15	64QAM	36	20	13.65	13.61	13.49		
15	64QAM	36	39	13.56	13.86	13.46		
15	64QAM	75	0	13.89	13.65	13.68		
15	256QAM	1	0	13.54	13.66	13.71	14.8	0
15	256QAM	1	37	13.81	13.84	13.57		
15	256QAM	1	74	13.75	13.84	13.79		
15	256QAM	36	0	13.63	13.62	13.65	14.8	0
15	256QAM	36	20	13.70	13.57	13.69		
15	256QAM	36	39	13.80	13.91	13.69		
15	256QAM	75	0	13.75	13.77	13.67		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	13.89	13.91	13.84	14.8	0
10	QPSK	1	25	13.76	13.89	13.73		
10	QPSK	1	49	13.82	13.84	13.73		
10	QPSK	25	0	13.78	13.88	13.74	14.8	0
10	QPSK	25	12	13.70	13.72	13.61		
10	QPSK	25	25	13.76	13.72	13.82		
10	QPSK	50	0	13.64	13.79	13.66		
10	16QAM	1	0	13.70	13.58	13.48	14.8	0
10	16QAM	1	25	13.59	13.93	13.82		
10	16QAM	1	49	13.59	13.68	13.81		
10	16QAM	25	0	13.60	13.88	13.58	14.8	0
10	16QAM	25	12	13.85	13.72	13.60		
10	16QAM	25	25	13.78	13.59	13.72		
10	16QAM	50	0	13.59	13.86	13.44		
10	64QAM	1	0	13.67	13.83	13.59	14.8	0
10	64QAM	1	25	13.67	13.75	13.76		
10	64QAM	1	49	13.69	13.77	13.56		
10	64QAM	25	0	13.63	13.82	13.76	14.8	0
10	64QAM	25	12	13.70	13.57	13.56		
10	64QAM	25	25	13.60	13.83	13.42		
10	64QAM	50	0	13.82	13.65	13.62		
10	256QAM	1	0	13.54	13.62	13.74	14.8	0
10	256QAM	1	25	13.74	13.85	13.54		
10	256QAM	1	49	13.77	13.81	13.77		
10	256QAM	25	0	13.64	13.59	13.67	14.8	0
10	256QAM	25	12	13.75	13.64	13.69		
10	256QAM	25	25	13.81	13.92	13.68		
10	256QAM	50	0	13.74	13.73	13.65		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	13.90	13.94	13.89	14.8	0
5	QPSK	1	12	13.76	13.78	13.72		
5	QPSK	1	24	13.89	13.84	13.72		
5	QPSK	12	0	13.80	13.83	13.73	14.8	0
5	QPSK	12	7	13.68	13.62	13.66		
5	QPSK	12	13	13.75	13.76	13.80		
5	QPSK	25	0	13.63	13.78	13.63		
5	16QAM	1	0	13.73	13.55	13.52	14.8	0
5	16QAM	1	12	13.66	13.86	13.85		
5	16QAM	1	24	13.67	13.71	13.81		
5	16QAM	12	0	13.55	13.83	13.52	14.8	0
5	16QAM	12	7	13.84	13.74	13.62		
5	16QAM	12	13	13.73	13.59	13.77		
5	16QAM	25	0	13.59	13.89	13.48		
5	64QAM	1	0	13.73	13.82	13.67	14.8	0
5	64QAM	1	12	13.67	13.72	13.66		
5	64QAM	1	24	13.67	13.79	13.56		
5	64QAM	12	0	13.73	13.82	13.74	14.8	0
5	64QAM	12	7	13.71	13.51	13.49		
5	64QAM	12	13	13.62	13.83	13.43		
5	64QAM	25	0	13.91	13.75	13.68		
5	256QAM	1	0	13.59	13.68	13.73	14.8	0
5	256QAM	1	12	13.74	13.76	13.62		
5	256QAM	1	24	13.73	13.82	13.76		
5	256QAM	12	0	13.56	13.55	13.58	14.8	0
5	256QAM	12	7	13.68	13.64	13.71		
5	256QAM	12	13	13.79	13.91	13.66		
5	256QAM	25	0	13.74	13.70	13.64		

LTE Band 42 DSI10

FCC (3.5GHz Band) (3550-3600MHz) Part 96

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	17.12	17.14	17.00	18.1	0
20	QPSK	1	49	16.98	17.03	16.86		
20	QPSK	1	99	17.00	17.05	17.08		
20	QPSK	50	0	16.96	17.10	16.80	18.1	0
20	QPSK	50	24	17.00	17.05	17.02		
20	QPSK	50	50	16.76	17.02	16.73		
20	QPSK	100	0	16.85	16.93	16.82		
20	16QAM	1	0	16.97	16.88	16.85	18.1	0
20	16QAM	1	49	16.89	17.02	16.89		
20	16QAM	1	99	16.93	16.91	16.89		
20	16QAM	50	0	17.08	16.82	16.79	18.1	0
20	16QAM	50	24	16.94	17.02	16.98		
20	16QAM	50	50	16.93	16.91	16.85		
20	16QAM	100	0	16.98	16.97	16.86		
20	64QAM	1	0	16.76	17.03	16.96	18.1	0
20	64QAM	1	49	16.78	16.98	16.80		
20	64QAM	1	99	17.02	16.84	16.83		
20	64QAM	50	0	16.85	16.78	16.91	18.1	0
20	64QAM	50	24	16.91	16.84	16.90		
20	64QAM	50	50	16.81	17.03	17.06		
20	64QAM	100	0	16.93	16.95	16.76		
20	256QAM	1	0	17.02	16.94	16.62	18.1	0
20	256QAM	1	49	16.99	17.00	16.81		
20	256QAM	1	99	16.90	16.91	16.84		
20	256QAM	50	0	16.95	16.94	16.87	18.1	0
20	256QAM	50	24	16.92	16.85	16.84		
20	256QAM	50	50	16.95	16.94	17.11		
20	256QAM	100	0	16.91	17.00	16.74		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	17.06	17.08	16.89	18.1	0
15	QPSK	1	37	17.05	16.98	16.78		
15	QPSK	1	74	16.94	16.95	17.03		
15	QPSK	36	0	16.83	16.97	16.69	18.1	0
15	QPSK	36	20	16.92	16.97	17.02		
15	QPSK	36	39	16.71	16.87	16.62		
15	QPSK	75	0	16.74	16.89	16.71		
15	16QAM	1	0	16.93	16.76	16.73	18.1	0
15	16QAM	1	37	16.83	16.87	16.74		
15	16QAM	1	74	16.84	17.02	16.83		
15	16QAM	36	0	16.98	16.69	16.67	18.1	0
15	16QAM	36	20	16.87	16.97	16.92		
15	16QAM	36	39	16.89	16.86	16.75		
15	16QAM	75	0	16.86	16.87	16.72		
15	64QAM	1	0	16.71	16.98	16.88	18.1	0
15	64QAM	1	37	16.66	16.88	16.69		
15	64QAM	1	74	16.90	16.75	16.74		
15	64QAM	36	0	16.75	16.71	16.76	18.1	0
15	64QAM	36	20	16.80	16.76	16.82		
15	64QAM	36	39	16.65	16.92	16.93		
15	64QAM	75	0	16.85	16.80	16.70		
15	256QAM	1	0	16.87	16.88	16.55	18.1	0
15	256QAM	1	37	16.86	16.91	16.73		
15	256QAM	1	74	16.81	16.80	16.73		
15	256QAM	36	0	16.89	16.79	16.81	18.1	0
15	256QAM	36	20	16.77	16.74	16.76		
15	256QAM	36	39	16.81	16.84	17.03		
15	256QAM	75	0	16.75	16.85	16.69		
Channel				43160	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	17.05	17.02	16.89	18.1	0
10	QPSK	1	25	17.05	16.89	16.81		
10	QPSK	1	49	16.94	16.96	16.94		
10	QPSK	25	0	16.82	17.00	16.65	18.1	0
10	QPSK	25	12	16.92	17.01	17.05		
10	QPSK	25	25	16.67	16.88	16.57		
10	QPSK	50	0	16.70	16.77	16.67		
10	16QAM	1	0	16.85	16.76	16.76	18.1	0
10	16QAM	1	25	16.76	16.94	16.84		
10	16QAM	1	49	16.80	17.08	16.81		
10	16QAM	25	0	16.94	16.72	16.63	18.1	0
10	16QAM	25	12	16.83	16.94	16.87		
10	16QAM	25	25	16.87	16.85	16.74		
10	16QAM	50	0	16.89	16.85	16.79		
10	64QAM	1	0	16.71	16.96	16.82	18.1	0
10	64QAM	1	25	16.74	16.89	16.73		
10	64QAM	1	49	16.91	16.72	16.68		
10	64QAM	25	0	16.72	16.62	16.83	18.1	0
10	64QAM	25	12	16.84	16.73	16.85		
10	64QAM	25	25	16.65	16.96	16.96		
10	64QAM	50	0	16.88	16.87	16.65		
10	256QAM	1	0	16.89	16.82	16.54	18.1	0
10	256QAM	1	25	16.87	16.86	16.72		
10	256QAM	1	49	16.86	16.81	16.71		
10	256QAM	25	0	16.87	16.82	16.77	18.1	0
10	256QAM	25	12	16.78	16.70	16.71		
10	256QAM	25	25	16.85	16.80	17.05		
10	256QAM	50	0	16.82	16.94	16.61		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	17.03	17.04	16.95	18.1	0
5	QPSK	1	12	17.08	16.95	16.70		
5	QPSK	1	24	16.91	16.90	16.92		
5	QPSK	12	0	16.92	16.96	16.69	18.1	0
5	QPSK	12	7	16.96	16.98	17.04		
5	QPSK	12	13	16.70	16.90	16.62		
5	QPSK	25	0	16.80	16.87	16.75		
5	16QAM	1	0	16.86	16.76	16.79	18.1	0
5	16QAM	1	12	16.78	16.93	16.75		
5	16QAM	1	24	16.79	17.07	16.74		
5	16QAM	12	0	16.94	16.72	16.65	18.1	0
5	16QAM	12	7	16.85	16.88	16.84		
5	16QAM	12	13	16.79	16.82	16.78		
5	16QAM	25	0	16.94	16.90	16.76		
5	64QAM	1	0	16.66	16.92	16.80	18.1	0
5	64QAM	1	12	16.71	16.84	16.65		
5	64QAM	1	24	16.96	16.77	16.68		
5	64QAM	12	0	16.74	16.64	16.75	18.1	0
5	64QAM	12	7	16.78	16.68	16.77		
5	64QAM	12	13	16.67	16.98	17.02		
5	64QAM	25	0	16.87	16.83	16.71		
5	256QAM	1	0	16.94	16.81	16.46	18.1	0
5	256QAM	1	12	16.90	16.94	16.67		
5	256QAM	1	24	16.77	16.82	16.74		
5	256QAM	12	0	16.88	16.82	16.77	18.1	0
5	256QAM	12	7	16.82	16.76	16.80		
5	256QAM	12	13	16.87	16.83	17.04		
5	256QAM	25	0	16.78	16.91	16.67		

Full&Default Power Mode Main PA

GSM850 Ant0 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.79	32.82	32.74	33.50	23.79	23.82	23.74	24.50
GPRS 1 Tx slot	32.81	32.85	32.78	33.50	23.81	23.85	23.78	24.50
GPRS 2 Tx slots	29.40	29.52	29.37	30.50	23.40	23.52	23.37	24.50
GPRS 3 Tx slots	28.12	28.15	28.17	30.00	23.86	23.89	23.91	25.74
GPRS 4 Tx slots	26.37	26.50	26.37	27.50	23.37	23.50	23.37	24.50
EDGE 1 Tx slot	25.38	25.44	25.28	26.50	16.38	16.44	16.28	17.50
EDGE 2 Tx slots	23.57	23.78	23.64	25.00	17.57	17.78	17.64	19.00
EDGE 3 Tx slots	22.46	22.59	22.53	23.50	18.20	18.33	18.27	19.24
EDGE 4 Tx slots	20.49	20.61	20.41	21.50	17.49	17.61	17.41	18.50

GSM1900 Ant0 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.51	29.59	29.38	30.50	20.51	20.59	20.38	21.50
GPRS 1 Tx slot	29.61	29.66	29.59	30.50	20.61	20.66	20.59	21.50
GPRS 2 Tx slots	27.06	27.22	27.13	28.00	21.06	21.22	21.13	22.00
GPRS 3 Tx slots	25.18	25.33	25.28	26.50	20.92	21.07	21.02	22.24
GPRS 4 Tx slots	23.28	23.40	23.32	24.50	20.28	20.40	20.32	21.50
EDGE 1 Tx slot	25.03	25.05	24.87	26.00	16.03	16.05	15.87	17.00
EDGE 2 Tx slots	23.23	23.41	23.21	24.50	17.23	17.41	17.21	18.50
EDGE 3 Tx slots	22.27	22.28	22.07	23.50	18.01	18.02	17.81	19.24
EDGE 4 Tx slots	20.08	20.11	19.98	21.00	17.08	17.11	16.98	18.00

		WCDMA II Ant0 Default				WCDMA IV Ant0 Default				WCDMA V Ant0 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.68	22.71	22.61	24.00	22.58	22.53	22.60	24.00	24.14	24.13	24.04	25.00
3GPP Rel 99	RMC 12.2Kbps	22.72	22.79	22.65	24.00	22.67	22.75	22.61	24.00	24.20	24.23	24.16	25.00
3GPP Rel 6	HSDPA Subtest-1	21.63	21.73	21.52	23.00	21.66	21.57	21.56	23.00	23.21	23.18	23.11	24.00
3GPP Rel 6	HSDPA Subtest-2	21.63	21.75	21.67	23.00	21.76	21.75	21.76	23.00	23.30	23.40	23.41	24.00
3GPP Rel 6	HSDPA Subtest-3	21.24	21.23	21.11	22.50	21.22	21.13	21.10	22.50	22.24	22.17	22.28	23.50
3GPP Rel 6	HSDPA Subtest-4	21.19	21.21	21.02	22.50	21.00	21.13	21.12	22.50	22.31	22.21	22.28	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.71	21.76	21.58	23.00	21.66	21.67	21.72	23.00	22.71	22.73	22.60	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.68	21.79	21.75	23.00	21.68	21.80	21.74	23.00	22.68	22.59	22.72	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.03	21.15	21.10	22.50	21.04	21.01	21.04	22.50	21.76	21.73	21.85	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.22	21.17	21.10	22.50	21.18	21.18	21.30	22.50	21.75	21.72	21.76	23.50
3GPP Rel 6	HSUPA Subtest-1	21.62	21.68	21.67	23.00	21.48	21.47	21.49	23.00	22.38	22.45	22.48	24.00
3GPP Rel 6	HSUPA Subtest-2	19.68	19.74	19.74	21.00	19.62	19.66	19.52	21.00	20.74	20.78	20.66	22.00
3GPP Rel 6	HSUPA Subtest-3	20.70	20.69	20.65	22.00	20.68	20.48	20.58	22.00	21.69	21.73	21.79	23.00
3GPP Rel 6	HSUPA Subtest-4	19.63	19.78	19.60	21.00	19.64	19.67	19.62	21.00	20.78	20.73	20.90	22.00
3GPP Rel 6	HSUPA Subtest-5	21.47	21.67	21.49	23.00	21.53	21.46	21.48	23.00	22.67	22.63	22.77	24.00

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.23	21.38	21.29		
20	QPSK	1	49	21.30	21.29	21.11	23	0
20	QPSK	1	99	20.50	20.56	21.31		
20	QPSK	50	0	21.18	21.33	21.25		
20	QPSK	50	24	21.10	21.24	21.10	23	0
20	QPSK	50	50	21.28	21.18	21.20		
20	QPSK	100	0	21.14	21.27	21.22		
20	16QAM	1	0	21.21	21.23	21.29		
20	16QAM	1	49	21.15	21.21	21.19	23	0
20	16QAM	1	99	21.26	21.20	21.20		
20	16QAM	50	0	20.50	20.56	20.48		
20	16QAM	50	24	20.38	20.49	20.28	22	1
20	16QAM	50	50	20.37	20.57	20.46		
20	16QAM	100	0	20.43	20.50	20.31		
20	64QAM	1	0	20.42	20.58	20.59		
20	64QAM	1	49	20.39	20.46	20.28	22	1
20	64QAM	1	99	20.19	20.40	20.41		
20	64QAM	50	0	19.58	19.59	19.59		
20	64QAM	50	24	19.45	19.52	19.30	21	2
20	64QAM	50	50	19.38	19.38	19.36		
20	64QAM	100	0	19.35	19.51	19.40		
20	256QAM	1	0	17.44	17.64	17.63		
20	256QAM	1	49	17.34	17.46	17.31	19	4
20	256QAM	1	99	17.51	17.63	17.60		
20	256QAM	50	0	17.44	17.59	17.38		
20	256QAM	50	24	17.41	17.47	17.41	19	4
20	256QAM	50	50	17.57	17.64	17.51		
20	256QAM	100	0	17.45	17.52	17.43		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.08	21.18	21.30		
15	QPSK	1	37	21.19	21.29	21.06	23	0
15	QPSK	1	74	21.15	21.27	21.26		
15	QPSK	36	0	21.19	21.26	21.06		
15	QPSK	36	20	21.19	21.26	21.09	23	0
15	QPSK	36	39	21.13	21.26	21.05		
15	QPSK	75	0	21.08	21.09	21.06		
15	16QAM	1	0	21.20	21.09	21.14		
15	16QAM	1	37	21.07	21.13	21.05	23	0
15	16QAM	1	74	21.08	21.10	21.16		
15	16QAM	36	0	20.39	20.54	20.45		
15	16QAM	36	20	20.18	20.39	20.27	22	1
15	16QAM	36	39	20.23	20.46	20.43		
15	16QAM	75	0	20.34	20.52	20.09		
15	64QAM	1	0	20.47	20.62	20.39		
15	64QAM	1	37	20.24	20.27	20.29	22	1
15	64QAM	1	74	20.19	20.34	20.33		
15	64QAM	36	0	19.59	19.53	19.50		
15	64QAM	36	20	19.30	19.39	19.16	21	2
15	64QAM	36	39	19.21	19.27	19.35		
15	64QAM	75	0	19.37	19.38	19.29		
15	256QAM	1	0	17.31	17.55	17.60		
15	256QAM	1	37	17.29	17.46	17.14	19	4
15	256QAM	1	74	17.40	17.49	17.56		
15	256QAM	36	0	17.43	17.55	17.16		
15	256QAM	36	20	17.36	17.33	17.36	19	4
15	256QAM	36	39	17.47	17.50	17.51		
15	256QAM	75	0	17.37	17.39	17.37		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.12	21.20	21.23		
10	QPSK	1	25	21.09	21.18	21.18	23	0
10	QPSK	1	49	21.14	21.30	21.30		
10	QPSK	25	0	21.09	21.21	21.17		
10	QPSK	25	12	21.16	21.07	21.10	23	0
10	QPSK	25	25	21.26	21.08	21.01		
10	QPSK	50	0	21.07	21.18	21.21		
10	16QAM	1	0	21.16	21.12	21.28		
10	16QAM	1	25	21.21	21.10	21.07	23	0
10	16QAM	1	49	21.05	21.06	21.06		
10	16QAM	25	0	20.37	20.52	20.42		
10	16QAM	25	12	20.22	20.43	20.14	22	1
10	16QAM	25	25	20.27	20.42	20.38		
10	16QAM	50	0	20.32	20.42	20.14		
10	64QAM	1	0	20.46	20.14	20.51		
10	64QAM	1	25	20.22	20.38	20.21	22	1
10	64QAM	1	49	20.01	20.23	20.38		
10	64QAM	25	0	19.43	19.51	19.44		
10	64QAM	25	12	19.43	19.53	19.26	21	2
10	64QAM	25	25	19.26	19.28	19.16		
10	64QAM	50	0	19.25	19.33	19.25		
10	256QAM	1	0	17.26	17.44	17.41		
10	256QAM	1	25	17.29	17.36	17.26	19	4
10	256QAM	1	49	17.52	17.41	17.62		
10	256QAM	25	0	17.45	17.54	17.39		
10	256QAM	25	12	17.42	17.37	17.37	19	4
10	256QAM	25	25	17.42	17.51	17.31		
10	256QAM	50	0	17.46	17.36	17.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.23	21.16	21.23		
5	QPSK	1	12	21.14	21.20	21.08	23	0
5	QPSK	1	24	21.28	21.36	21.25		
5	QPSK	12	0	21.15	21.25	21.15		
5	QPSK	12	7	21.03	21.06	21.22	23	0
5	QPSK	12	13	21.13	21.08	21.09		
5	QPSK	25	0	21.01	21.09	21.13		
5	16QAM	1	0	21.09	21.15	21.30		
5	16QAM	1	12	21.20	21.05	21.05	23	0
5	16QAM	1	24	21.22	21.06	21.13		
5	16QAM	12	0	20.29	20.55	20.38		
5	16QAM	12	7	20.18	20.42	20.21	22	1
5	16QAM	12	13	20.26	20.45	20.27		
5	16QAM	25	0	20.26	20.45	20.22		
5	64QAM	1	0	20.50	20.59	20.53		
5	64QAM	1	12	20.31	20.37	20.24	22	1
5	64QAM	1	24	20.33	20.27	20.33		
5	64QAM	12	0	19.40	19.51	19.58		
5	64QAM	12	7	19.36	19.34	19.13	21	2
5	64QAM	12	13	19.36	19.35	19.31		
5	64QAM	25	0	19.35	19.36	19.29		
5	256QAM	1	0	17.34	17.46	17.57		
5	256QAM	1	12	17.17	17.29	17.11	19	4
5	256QAM	1	24	17.32	17.49	17.52		
5	256QAM	12	0	17.42	17.46	17.17		
5	256QAM	12	7	17.42	17.36	17.40	19	4
5	256QAM	12	13	17.42	17.57	17.52		
5	256QAM	25	0	17.33	17.50	17.39		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.11	21.29	21.30		
3	QPSK	1	8	21.17	21.08	21.24	23	0
3	QPSK	1	14	21.28	21.15	21.26		
3	QPSK	8	0	21.22	21.26	21.14		
3	QPSK	8	4	21.22	21.17	21.13	23	0
3	QPSK	8	7	21.12	21.02	21.03		
3	QPSK	15	0	21.08	21.21	21.21		
3	16QAM	1	0	21.03	21.11	21.19		
3	16QAM	1	8	21.04	21.10	21.21	23	0
3	16QAM	1	14	21.24	21.15	21.21		
3	16QAM	8	0	20.46	20.46	20.50		
3	16QAM	8	4	20.20	20.32	20.10	22	1
3	16QAM	8	7	20.33	20.42	20.36		
3	16QAM	15	0	20.39	20.40	20.23		
3	64QAM	1	0	20.47	20.55	20.49		
3	64QAM	1	8	20.29	20.38	20.23	22	1
3	64QAM	1	14	20.12	20.23	20.33		
3	64QAM	8	0	19.44	19.46	19.38		
3	64QAM	8	4	19.41	19.35	19.14	21	2
3	64QAM	8	7	19.20	19.36	19.31		
3	64QAM	15	0	19.33	19.40	19.23		
3	256QAM	1	0	17.36	17.54	17.59		
3	256QAM	1	8	17.13	17.30	17.10	19	4
3	256QAM	1	14	17.46	17.56	17.50		
3	256QAM	8	0	17.41	17.46	17.26		
3	256QAM	8	4	17.29	17.33	17.35	19	4
3	256QAM	8	7	17.34	17.44	17.30		
3	256QAM	15	0	17.34	17.43	17.43		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.22	21.34	21.13		
1.4	QPSK	1	3	21.19	21.07	21.02		
1.4	QPSK	1	5	21.22	21.32	21.10	23	0
1.4	QPSK	3	0	21.18	21.23	21.05		
1.4	QPSK	3	1	21.03	21.14	21.09		
1.4	QPSK	3	3	21.23	21.08	21.16		
1.4	QPSK	6	0	21.09	21.25	21.11	23	0
1.4	16QAM	1	0	21.12	21.11	21.20		
1.4	16QAM	1	3	21.03	21.05	21.04		
1.4	16QAM	1	5	21.19	21.14	21.00	23	0
1.4	16QAM	3	0	21.17	21.19	21.08		
1.4	16QAM	3	1	21.09	21.05	21.16		
1.4	16QAM	3	3	21.25	21.03	21.14		
1.4	16QAM	6	0	20.37	20.42	20.14	22	1
1.4	64QAM	1	0	20.41	20.39	20.45		
1.4	64QAM	1	3	20.40	20.14	20.36		
1.4	64QAM	1	5	20.09	20.28	20.24	22	1
1.4	64QAM	3	0	20.54	20.55	20.28		
1.4	64QAM	3	1	20.32	20.11	20.31		
1.4	64QAM	3	3	20.08	20.32	20.19		
1.4	64QAM	6	0	19.32	19.41	19.21	21	2
1.4	256QAM	1	0	17.36	17.53	17.49		
1.4	256QAM	1	3	17.13	17.41	17.33		
1.4	256QAM	1	5	17.34	17.61	17.40	19	4
1.4	256QAM	3	0	17.45	17.48	17.38		
1.4	256QAM	3	1	17.19	17.31	17.34		
1.4	256QAM	3	3	17.37	17.44	17.48		
1.4	256QAM	6	0	17.44	17.48	17.38	19	4

Band 4 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.28	21.34	21.21		
20	QPSK	1	49	21.17	21.20	21.27	23	0
20	QPSK	1	99	21.23	21.25	21.28		
20	QPSK	50	0	21.22	21.27	21.18		
20	QPSK	50	24	21.24	21.11	21.09	23	0
20	QPSK	50	50	21.25	21.15	21.22		
20	QPSK	100	0	21.13	21.23	21.15		
20	16QAM	1	0	21.13	21.23	21.17		
20	16QAM	1	49	21.21	21.23	21.28	23	0
20	16QAM	1	99	21.19	21.19	21.10		
20	16QAM	50	0	20.58	20.47	20.28		
20	16QAM	50	24	20.48	20.49	20.31	22	1
20	16QAM	50	50	20.41	20.50	20.45		
20	16QAM	100	0	20.52	20.51	20.49		
20	64QAM	1	0	20.54	20.64	20.59		
20	64QAM	1	49	20.44	20.46	20.33	22	1
20	64QAM	1	99	20.25	20.50	20.10		
20	64QAM	50	0	19.57	19.45	19.63		
20	64QAM	50	24	19.36	19.45	19.38	21	2
20	64QAM	50	50	19.33	19.34	19.33		
20	64QAM	100	0	19.42	19.33	19.29		
20	256QAM	1	0	17.51	17.63	17.36		
20	256QAM	1	49	17.33	17.33	17.44	19	4
20	256QAM	1	99	17.53	17.45	17.60		
20	256QAM	50	0	17.38	17.49	17.49		
20	256QAM	50	24	17.36	17.34	17.37	19	4
20	256QAM	50	50	17.51	17.27	17.48		
20	256QAM	100	0	17.37	17.48	17.43		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.02	21.32	21.25		
15	QPSK	1	37	21.22	21.20	21.20	23	0
15	QPSK	1	74	21.13	21.33	21.20		
15	QPSK	36	0	21.16	21.17	21.17		
15	QPSK	36	20	21.06	21.11	21.10	23	0
15	QPSK	36	39	21.25	21.10	21.10		
15	QPSK	75	0	21.08	21.05	21.05		
15	16QAM	1	0	21.04	21.14	21.19		
15	16QAM	1	37	21.05	21.18	21.08	23	0
15	16QAM	1	74	21.27	21.20	21.14		
15	16QAM	36	0	20.39	20.50	20.28		
15	16QAM	36	20	20.24	20.36	20.17	22	1
15	16QAM	36	39	20.26	20.53	20.32		
15	16QAM	75	0	20.31	20.33	20.14		
15	64QAM	1	0	20.52	20.49	20.43		
15	64QAM	1	37	20.40	20.44	20.06	22	1
15	64QAM	1	74	20.40	20.36	20.27		
15	64QAM	36	0	19.43	19.58	19.41		
15	64QAM	36	20	19.28	19.49	19.21	21	2
15	64QAM	36	39	19.32	19.39	19.27		
15	64QAM	75	0	19.30	19.37	19.27		
15	256QAM	1	0	17.23	17.64	17.61		
15	256QAM	1	37	17.14	17.35	17.15	19	4
15	256QAM	1	74	17.49	17.52	17.39		
15	256QAM	36	0	17.23	17.42	17.17		
15	256QAM	36	20	17.30	17.46	17.22	19	4
15	256QAM	36	39	17.30	17.58	17.49		
15	256QAM	75	0	17.33	17.30	17.39		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.23	21.31	21.15		
10	QPSK	1	25	21.21	21.27	21.11	23	0
10	QPSK	1	49	21.28	21.17	21.17		
10	QPSK	25	0	21.12	21.25	21.24		
10	QPSK	25	12	21.06	21.19	21.09	23	0
10	QPSK	25	25	21.26	21.19	21.18		
10	QPSK	50	0	21.00	21.26	21.22		
10	16QAM	1	0	21.09	21.05	21.26		
10	16QAM	1	25	21.01	21.08	21.19	23	0
10	16QAM	1	49	21.00	21.05	21.05		
10	16QAM	25	0	20.28	20.46	20.34		
10	16QAM	25	12	20.29	20.44	20.20	22	1
10	16QAM	25	25	20.34	20.52	20.36		
10	16QAM	50	0	20.27	20.42	20.14		
10	64QAM	1	0	20.44	20.64	20.43		
10	64QAM	1	25	20.20	20.39	20.25	22	1
10	64QAM	1	49	20.14	20.41	20.30		
10	64QAM	25	0	19.52	19.44	19.59		
10	64QAM	25	12	19.24	19.42	19.18	21	2
10	64QAM	25	25	19.35	19.38	19.27		
10	64QAM	50	0	19.19	19.49	19.41		
10	256QAM	1	0	17.25	17.44	17.61		
10	256QAM	1	25	17.27	17.48	17.25	19	4
10	256QAM	1	49	17.48	17.63	17.40		
10	256QAM	25	0	17.25	17.39	17.35		
10	256QAM	25	12	17.32	17.48	17.29	19	4
10	256QAM	25	25	17.37	17.65	17.47		
10	256QAM	50	0	17.31	17.47	17.35		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.03	21.33	21.16		
5	QPSK	1	12	21.26	21.23	21.05	23	0
5	QPSK	1	24	21.18	21.18	21.20		
5	QPSK	12	0	21.15	21.15	21.16		
5	QPSK	12	7	21.07	21.05	21.02	23	0
5	QPSK	12	13	21.24	21.01	21.21		
5	QPSK	25	0	21.09	21.05	21.02		
5	16QAM	1	0	21.04	21.15	21.17		
5	16QAM	1	12	21.00	21.22	21.04	23	0
5	16QAM	1	24	21.16	21.20	21.20		
5	16QAM	12	0	20.33	20.43	20.28		
5	16QAM	12	7	20.26	20.42	20.11	22	1
5	16QAM	12	13	20.34	20.44	20.42		
5	16QAM	25	0	20.29	20.36	20.09		
5	64QAM	1	0	20.40	20.57	20.29		
5	64QAM	1	12	20.30	20.28	20.25	22	1
5	64QAM	1	24	20.33	20.27	20.37		
5	64QAM	12	0	19.24	19.45	19.47		
5	64QAM	12	7	19.27	19.31	19.24	21	2
5	64QAM	12	13	19.27	19.20	19.24		
5	64QAM	25	0	19.18	19.33	19.36		
5	256QAM	1	0	17.33	17.43	17.42		
5	256QAM	1	12	17.20	17.26	17.22	19	4
5	256QAM	1	24	17.51	17.47	17.53		
5	256QAM	12	0	17.32	17.45	17.31		
5	256QAM	12	7	17.25	17.39	17.36	19	4
5	256QAM	12	13	17.35	17.52	17.30		
5	256QAM	25	0	17.43	17.35	17.27		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.33	21.24		
3	QPSK	1	8	21.31	21.31	21.04	23	0
3	QPSK	1	14	21.21	21.27	21.26		
3	QPSK	8	0	21.11	21.13	21.23		
3	QPSK	8	4	21.01	21.17	21.05	23	0
3	QPSK	8	7	21.12	21.01	21.01		
3	QPSK	15	0	21.12	21.18	21.12		
3	16QAM	1	0	21.01	21.24	21.08		
3	16QAM	1	8	21.14	21.21	21.14	23	0
3	16QAM	1	14	21.23	21.09	21.20		
3	16QAM	8	0	20.38	20.40	20.37		
3	16QAM	8	4	20.34	20.42	20.14	22	1
3	16QAM	8	7	20.30	20.58	20.30		
3	16QAM	15	0	20.33	20.39	20.26		
3	64QAM	1	0	20.46	20.55	20.46		
3	64QAM	1	8	20.36	20.26	20.29	22	1
3	64QAM	1	14	20.08	20.18	20.43		
3	64QAM	8	0	19.47	19.50	19.51		
3	64QAM	8	4	19.29	19.45	19.27	21	2
3	64QAM	8	7	19.19	19.35	19.37		
3	64QAM	15	0	19.28	19.48	19.20		
3	256QAM	1	0	17.28	17.50	17.62		
3	256QAM	1	8	17.12	17.42	17.17	19	4
3	256QAM	1	14	17.30	17.61	17.54		
3	256QAM	8	0	17.40	17.59	17.29		
3	256QAM	8	4	17.22	17.40	17.21	19	4
3	256QAM	8	7	17.38	17.55	17.44		
3	256QAM	15	0	17.28	17.42	17.41		
Channel				19957	20175	20392	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.22	21.27	21.12		
1.4	QPSK	1	3	21.16	21.06	21.21		
1.4	QPSK	1	5	21.25	21.28	21.18	23	0
1.4	QPSK	3	0	21.10	21.28	21.09		
1.4	QPSK	3	1	21.02	21.21	21.07		
1.4	QPSK	3	3	21.22	21.07	21.12		
1.4	QPSK	6	0	21.19	21.30	21.12	23	0
1.4	16QAM	1	0	21.10	21.03	21.18		
1.4	16QAM	1	3	21.01	21.05	21.00		
1.4	16QAM	1	5	21.19	21.13	21.07	23	0
1.4	16QAM	3	0	21.21	21.21	21.12		
1.4	16QAM	3	1	21.07	21.12	21.16		
1.4	16QAM	3	3	21.23	21.13	21.09		
1.4	16QAM	6	0	20.37	20.34	20.06	22	1
1.4	64QAM	1	0	20.49	20.32	20.46		
1.4	64QAM	1	3	20.34	20.12	20.40		
1.4	64QAM	1	5	20.03	20.31	20.30	22	1
1.4	64QAM	3	0	20.53	20.46	20.37		
1.4	64QAM	3	1	20.23	20.08	20.23		
1.4	64QAM	3	3	20.18	20.30	20.19		
1.4	64QAM	6	0	19.30	19.46	19.12	21	2
1.4	256QAM	1	0	17.39	17.43	17.42		
1.4	256QAM	1	3	17.21	17.47	17.23		
1.4	256QAM	1	5	17.32	17.52	17.50	19	4
1.4	256QAM	3	0	17.55	17.46	17.46		
1.4	256QAM	3	1	17.10	17.40	17.40		
1.4	256QAM	3	3	17.47	17.51	17.55		
1.4	256QAM	6	0	17.46	17.39	17.33	19	4

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	22.45	22.47	22.39		
10	QPSK	1	25	22.30	22.38	22.33	24	0
10	QPSK	1	49	22.29	22.43	22.37		
10	QPSK	25	0	22.32	22.39	22.37		
10	QPSK	25	12	22.30	22.24	22.15	24	0
10	QPSK	25	25	22.37	22.28	22.33		
10	QPSK	50	0	22.22	22.36	22.31		
10	16QAM	1	0	22.21	22.31	22.20		
10	16QAM	1	25	22.33	22.28	22.44	24	0
10	16QAM	1	49	22.32	22.20	22.26		
10	16QAM	25	0	21.70	21.55	21.60		
10	16QAM	25	12	21.51	21.57	21.31	23	1
10	16QAM	25	25	21.44	21.68	21.48		
10	16QAM	50	0	21.65	21.69	21.57		
10	64QAM

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	22.35	22.37	22.10	24	0
10	QPSK	1	25	22.17	22.21	22.19		
10	QPSK	1	49	22.06	22.33	22.14		
10	QPSK	25	0	22.06	22.26	22.11	24	0
10	QPSK	25	12	22.16	22.18	22.15		
10	QPSK	25	25	22.11	22.03	22.16		
10	QPSK	50	0	22.02	22.17	22.06		
10	16QAM	1	0	22.07	22.12	22.05	24	0
10	16QAM	1	25	22.05	22.22	22.24		
10	16QAM	1	49	22.15	22.07	22.05		
10	16QAM	25	0	21.42	21.32	21.42	23	1
10	16QAM	25	12	21.46	21.33	21.10		
10	16QAM	25	25	21.27	21.57	21.18		
10	16QAM	50	0	21.43	21.58	21.28		
10	64QAM	1	0	21.45	21.18	21.34	23	1
10	64QAM	1	25	21.46	21.17	21.12		
10	64QAM	1	49	21.09	21.42	21.39		
10	64QAM	25	0	20.54	20.30	20.51	22	2
10	64QAM	25	12	20.20	20.46	20.23		
10	64QAM	25	25	20.32	20.29	20.20		
10	64QAM	50	0	20.28	20.39	20.41		
10	256QAM	1	0	18.45	18.47	18.03	20	4
10	256QAM	1	25	18.21	18.11	18.18		
10	256QAM	1	49	18.32	18.10	18.32		
10	256QAM	25	0	18.32	18.53	18.20	20	4
10	256QAM	25	12	18.44	18.18	18.20		
10	256QAM	25	25	18.33	18.20	18.42		
10	256QAM	50	0	18.12	18.41	18.37		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.18	22.25	22.17	24	0
5	QPSK	1	12	22.18	22.24	22.26		
5	QPSK	1	24	22.05	22.28	22.23		
5	QPSK	12	0	22.00	22.29	22.19	24	0
5	QPSK	12	7	22.21	22.04	22.28		
5	QPSK	12	13	22.13	22.09	22.26		
5	QPSK	25	0	22.03	22.12	22.21		
5	16QAM	1	0	22.06	22.18	22.02	24	0
5	16QAM	1	12	22.00	22.21	22.36		
5	16QAM	1	24	22.10	22.05	22.00		
5	16QAM	12	0	21.39	21.36	21.40	23	1
5	16QAM	12	7	21.44	21.41	21.27		
5	16QAM	12	13	21.19	21.64	21.33		
5	16QAM	25	0	21.54	21.54	21.33		
5	64QAM	1	0	21.42	21.27	21.43	23	1
5	64QAM	1	12	21.36	21.27	21.29		
5	64QAM	1	24	21.11	21.33	21.43		
5	64QAM	12	0	20.40	20.39	20.45	22	2
5	64QAM	12	7	20.29	20.47	20.27		
5	64QAM	12	13	20.19	20.28	20.13		
5	64QAM	25	0	20.40	20.26	20.22		
5	256QAM	1	0	18.55	18.36	18.55	20	4
5	256QAM	1	12	18.14	18.23	18.15		
5	256QAM	1	24	18.55	18.16	18.38		
5	256QAM	12	0	18.45	18.51	18.30	20	4
5	256QAM	12	7	18.34	18.20	18.29		
5	256QAM	12	13	18.24	18.30	18.43		
5	256QAM	25	0	18.15	18.24	18.38		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.35	22.29	22.20	24	0
3	QPSK	1	8	22.18	22.33	22.17		
3	QPSK	1	14	22.09	22.20	22.18		
3	QPSK	8	0	22.00	22.10	22.27	24	0
3	QPSK	8	4	22.17	22.18	22.13		
3	QPSK	8	7	22.06	22.07	22.01		
3	QPSK	15	0	22.19	22.10	22.13		
3	16QAM	1	0	22.01	22.16	22.06	24	0
3	16QAM	1	8	22.01	22.09	22.33		
3	16QAM	1	14	22.16	22.00	22.05		
3	16QAM	8	0	21.49	21.41	21.39	23	1
3	16QAM	8	4	21.38	21.51	21.16		
3	16QAM	8	7	21.18	21.51	21.33		
3	16QAM	15	0	21.55	21.40	21.41		
3	64QAM	1	0	21.36	21.22	21.49	23	1
3	64QAM	1	8	21.48	21.25	21.15		
3	64QAM	1	14	21.21	21.33	21.37		
3	64QAM	8	0	20.53	20.37	20.49	22	2
3	64QAM	8	4	20.15	20.31	20.25		
3	64QAM	8	7	20.23	20.18	20.22		
3	64QAM	15	0	20.37	20.24	20.35		
3	256QAM	1	0	18.52	18.43	18.15	20	4
3	256QAM	1	8	18.23	18.28	18.17		
3	256QAM	1	14	18.51	18.10	18.43		
3	256QAM	8	0	18.50	18.34	18.16	20	4
3	256QAM	8	4	18.34	18.17	18.34		
3	256QAM	8	7	18.28	18.09	18.52		
3	256QAM	15	0	18.11	18.32	18.43		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.32	22.47	22.29	24	0
1.4	QPSK	1	3	22.32	22.26	22.45		
1.4	QPSK	1	5	22.44	22.31	22.22		
1.4	QPSK	3	0	22.23	22.32	22.07		
1.4	QPSK	3	1	22.24	22.33	22.19		
1.4	QPSK	3	3	22.31	22.13	22.25		
1.4	QPSK	6	0	22.30	22.32	22.15	24	0
1.4	16QAM	1	0	22.23	22.18	22.18	24	0
1.4	16QAM	1	3	22.17	22.10	22.23		
1.4	16QAM	1	5	22.33	22.19	22.15		
1.4	16QAM	3	0	22.17	22.33	22.29		
1.4	16QAM	3	1	22.11	22.28	22.27		
1.4	16QAM	3	3	22.46	22.14	22.23		
1.4	16QAM	6	0	21.53	21.50	21.26	23	1
1.4	64QAM	1	0	21.50	21.39	21.59	23	1
1.4	64QAM	1	3	21.42	21.11	21.53		
1.4	64QAM	1	5	21.09	21.42	21.27		
1.4	64QAM	3	0	21.38	21.48	21.45		
1.4	64QAM	3	1	21.25	21.20	21.38		
1.4	64QAM	3	3	21.30	21.32	21.15		
1.4	64QAM	6	0	20.29	20.68	20.27	22	2
1.4	256QAM	1	0	18.62	18.43	18.53	20	4
1.4	256QAM	1	3	18.40	18.49	18.22		
1.4	256QAM	1	5	18.40	18.57	18.68		
1.4	256QAM	3	0	18.58	18.46	18.36		
1.4	256QAM	3	1	18.12	18.53	18.53		
1.4	256QAM	3	3	18.60	18.54	18.52		
1.4	256QAM	6	0	18.54	18.51	18.30	20	4

Band 13 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.32		24	0
10	QPSK	1	25		22.21			
10	QPSK	1	49		22.25			
10	QPSK	25	0		22.28		24	0
10	QPSK	25	12		22.19			
10	QPSK	25	25		22.06			
10	QPSK	50	0		22.11			
10	16QAM	1	0		22.06		24	0
10	16QAM	1	25		22.14			
10	16QAM	1	49		22.07			
10	16QAM	25	0		21.28		23	1
10	16QAM	25	12		21.28			
10	16QAM	25	25		21.38			
10	16QAM	50	0		21.53			
10	64QAM	1	0		21.16		23	1
10	64QAM	1	25		21.22			
10	64QAM	1	49		21.45			
10	64QAM	25	0		20.25		22	2
10	64QAM	25	12		20.49			
10	64QAM	25	25		20.22			
10	64QAM	50	0		20.29			
10	256QAM	1	0		18.09		20	4
10	256QAM	1	25		18.03			
10	256QAM	1	49		18.09			
10	256QAM	25	0		18.63		20	4
10	256QAM	25	12		18.14			
10	256QAM	25	25		18.29			
10	256QAM	50	0		18.35			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.28	22.28	22.01	24	0
5	QPSK	1	12	22.08	22.04	22.17		
5	QPSK	1	24	22.17	22.15	22.06		
5	QPSK	12	0	22.05	22.24	22.00	24	0
5	QPSK	12	7	22.00	22.02	22.00		
5	QPSK	12	13	22.00	22.05	22.14		
5	QPSK	25	0	22.00	22.09	22.03		
5	16QAM	1	0	22.04	22.03	22.00	24	0
5	16QAM	1	12	22.01	22.19	22.10		
5	16QAM	1	24	22.01	22.05	22.09		
5	16QAM	12	0	21.40	21.21	21.22	23	1
5	16QAM	12	7	21.45	21.18	21.02		
5	16QAM	12	13	21.24	21.39	21.12		
5	16QAM	25	0	21.42	21.54	21.21		
5	64QAM	1	0	21.30	21.06	21.25	23	1
5	64QAM	1	12	21.32	21.08	21.00		
5	64QAM	1	24	21.06	21.34	21.36		
5	64QAM	12	0	20.46	20.13	20.41	22	2
5	64QAM	12	7	20.02	20.40	20.10		
5	64QAM	12	13	20.17	20.29	20.17		
5	64QAM	25	0	20.17	20.36	20.36		
5	256QAM	1	0	18.28	18.41	18.25	20	4
5	256QAM	1	12	18.14	18.03	18.11		
5	256QAM	1	24	18.25	18.03	18.32		
5	256QAM	12	0	18.22	18.45	18.00	20	4
5	256QAM	12	7	18.30	18.11	18.19		
5	256QAM	12	13	18.31	18.20	18.28		
5	256QAM	25	0	18.06	18.35	18.34		

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	22.30	22.32	22.18	24	0
10	QPSK	1	25	22.01	22.01	22.03		
10	QPSK	1	49	22.06	22.13	22.02		
10	QPSK	25	0	22.12	22.23	22.03	24	0
10	QPSK	25	12	22.00	22.14	22.15		
10	QPSK	25	25	22.07	22.10	22.13		
10	QPSK	50	0	22.05	22.19	22.06		
10	16QAM	1	0	22.23	22.01	22.11	24	0
10	16QAM	1	25	22.19	22.08	22.20		
10	16QAM	1	49	22.11	22.15	22.14		
10	16QAM	25	0	21.36	21.26	21.23	23	1
10	16QAM	25	12	21.44	21.30	21.00		
10	16QAM	25	25	21.12	21.15	21.15		
10	16QAM	50	0	21.42	21.46	21.17		
10	64QAM	1	0	21.27	21.01	21.32	23	1
10	64QAM	1	25	21.35	21.12	21.01		
10	64QAM	1	49	21.08	21.26	21.27		
10	64QAM	25	0	20.51	20.11	20.45	22	2
10	64QAM	25	12	20.03	20.32	20.04		
10	64QAM	25	25	20.29	20.18	20.20		
10	64QAM	50	0	20.11	20.36	20.32		
10	256QAM	1	0	18.32	18.07	18.08	20	4
10	256QAM	1	25	18.07	18.28	18.06		
10	256QAM	1	49	18.31	18.07	18.20		
10	256QAM	25	0	18.28	18.48	18.06	20	4
10	256QAM	25	12	18.29	18.11	18.08		
10	256QAM	25	25	18.28	18.14	18.31		
10	256QAM	50	0	18.08	18.25	18.21		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.21	22.25	22.08	24	0
5	QPSK	1	12	22.16	22.14	22.16		
5	QPSK	1	24	22.03	22.27	22.05		
5	QPSK	12	0	22.05	22.21	22.10	24	0
5	QPSK	12	7	22.14	22.17	22.12		
5	QPSK	12	13	22.12	22.03	22.14		
5	QPSK	25	0	22.08	22.00	22.03		
5	16QAM	1	0	22.04	22.01	22.04	24	0
5	16QAM	1	12	22.04	22.21	22.07		
5	16QAM	1	24	22.06	22.05	22.09		
5	16QAM	12	0	21.36	21.20	21.29	23	1
5	16QAM	12	7	21.42	21.23	21.04		
5	16QAM	12	13	21.27	21.04	21.02		
5	16QAM	25	0	21.30	21.53	21.08		
5	64QAM	1	0	21.26	21.06	21.14	23	1
5	64QAM	1	12	21.38	21.03	21.27		
5	64QAM	1	24	21.22	21.24	21.35		
5	64QAM	12	0	20.34	20.26	20.44	22	2
5	64QAM	12	7	20.02	20.42	20.20		
5	64QAM	12	13	20.24	20.10	20.17		
5	64QAM	25	0	20.24	20.32	20.21		
5	256QAM	1	0	18.30	18.32	18.15	20	4
5	256QAM	1	12	18.04	18.08	18.11		
5	256QAM	1	24	18.13	18.09	18.27		
5	256QAM	12	0	18.26	18.50	18.02	20	4
5	256QAM	12	7	18.32	18.02	18.15		
5	256QAM	12	13	18.22	18.02	18.27		
5	256QAM	25	0	18.08	18.37	18.36		

Band 25 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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.40	21.42	21.25	23	0
20	QPSK	1	49	21.19	21.04	21.03		
20	QPSK	1	99	21.17	21.03	21.12		
20	QPSK	50	0	21.02	21.31	21.19	23	0
20	QPSK	50	24	21.08	21.17	21.16		
20	QPSK	50	50	21.04	21.01	21.26		
20	QPSK	100	0	21.07	21.16	21.15		
20	16QAM	1	0	21.09	21.12	21.06	23	0
20	16QAM	1	49	21.08	21.28	21.37		
20	16QAM	1	99	21.14	21.04	21.05		
20	16QAM	50	0	20.41	20.33	20.38	22	1
20	16QAM	50	24	20.21	20.33	20.00		
20	16QAM	50	50	20.18	20.15	20.33		
20	16QAM	100	0	20.56	20.64	20.31		
20	64QAM	1	0	20.37	20.20	20.33	22	1
20	64QAM	1	49	20.40	20.28	20.04		
20	64QAM	1	99	20.14	20.34	20.39		
20	64QAM	50	0	19.32	19.13	19.57	21	2
20	64QAM	50	24	19.11	19.42	19.07		
20	64QAM	50	50	19.30	19.35	19.21		
20	64QAM	100	0	19.12	19.41	19.33		
20	256QAM	1	0	17.22	17.20	17.25	19	4
20	256QAM	1	49	17.17	17.43	17.19		
20	256QAM	1	99	17.23	17.02	17.21		
20	256QAM	50	0	17.31	17.50	17.13	19	4
20	256QAM	50	24	17.35	17.21	17.08		
20	256QAM	50	50	17.46	17.18	17.45		
20	256QAM	100	0	17.14	17.35	17.25		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.35	21.37	21.23	23	0
15	QPSK	1	37	21.27	21.12	21.10		
15	QPSK	1	74	21.19	21.32	21.07		
15	QPSK	36	0	21.06	21.27	21.17	23	0
15	QPSK	36	20	21.11	21.21	21.24		
15	QPSK	36	39	21.07	21.06	21.32		
15	QPSK	75	0	21.00	21.09	21.01		
15	16QAM	1	0	21.03	21.16	21.03	23	0
15	16QAM	1	37	21.11	21.08	21.30		
15	16QAM	1	74	21.22	21.05	21.23		
15	16QAM	36	0	20.48	20.32	20.40	22	1
15	16QAM	36	20	20.59	20.47	20.11		
15	16QAM	36	39	20.19	20.27	20.23		
15	16QAM	75	0	20.57	20.65	20.32		
15	64QAM	1	0	20.30	20.14	20.32	22	1
15	64QAM	1	37	20.52	20.29	20.19		
15	64QAM	1	74	20.10	20.40	20.32		
15	64QAM	36	0	19.69	19.27	19.63	21	2
15	64QAM	36	20	20.00	19.44	19.20		
15	64QAM	36	39	19.38	19.33	19.39		
15	64QAM	75	0	19.21	19.53	19.35		
15	256QAM	1	0	17.36	17.21	17.05	19	4
15	256QAM	1	37	17.20	17.03	17.16		
15	256QAM	1	74	17.33	17.11	17.24		
15	256QAM	36	0	17.35	17.51	17.24	19	4
15	256QAM	36	20	17.47	17.22	17.19		
15	256QAM	36	39	17.34	17.27	17.43		
15	256QAM	75	0	17.19	17.32	17.33		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.33	21.36	21.35	23	0
10	QPSK	1	25	21.06	21.03	21.18		
10	QPSK	1	49	21.21	21.14	21.17		
10	QPSK	25	0	21.05	21.27	21.06	23	0
10	QPSK	25	12	21.10	21.16	21.24		
10	QPSK	25	25	21.02	21.11	21.30		
10	QPSK	50	0	21.25	21.10	21.15		
10	16QAM	1	0	21.11	21.06	21.05	23	0
10	16QAM	1	25	21.13	21.17	21.24		
10	16QAM	1	49	21.16	21.00	21.25		
10	16QAM	25	0	20.51	20.27	20.24	22	1
10	16QAM	25	12	20.45	20.32	20.14		
10	16QAM	25	25	20.23	20.22	20.29		
10	16QAM	50	0	20.45	20.66	20.20		
10	64QAM	1	0	20.34	20.09	20.43	22	1
10	64QAM	1	25	20.43	20.25	20.09		
10	64QAM	1	49	20.09	20.33	20.33		
10	64QAM	25	0	19.31	19.21	19.50	21	2
10	64QAM	25	12	19.08	19.44	19.19		
10	64QAM	25	25	19.47	19.23	19.23		
10	64QAM	50	0	19.17	19.42	19.34		
10	256QAM	1	0	17.24	17.14	17.39	19	4
10	256QAM	1	25	17.23	17.06	17.20		
10	256QAM	1	49	17.32	17.12	17.21		
10	256QAM	25	0	17.37	17.49	17.24	19	4
10	256QAM	25	12	17.33	17.13	17.22		
10	256QAM	25	25	17.43	17.24	17.39		
10	256QAM	50	0	17.20	17.44	17.36		
Channel				26065	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.34	21.36	21.31	23	0
5	QPSK	1	12	21.05	21.06	21.20		
5	QPSK	1	24	21.21	21.14	21.15		
5	QPSK	12	0	21.03	21.36	21.01	23	0
5	QPSK	12	7	21.05	21.29	21.28		
5	QPSK	12	13	21.11	21.13	21.23		
5	QPSK	25	0	21.18	21.17	21.28		
5	16QAM	1	0	21.00	21.14	21.23	23	0
5	16QAM	1	12	21.19	21.20	21.23		
5	16QAM	1	24	21.31	21.01	21.19		
5	16QAM	12	0	20.54	20.45	20.42	22	1
5	16QAM	12	7	20.46	20.35	20.10		
5	16QAM	12	13	20.28	20.23	20.29		
5	16QAM	25	0	20.56	20.55	20.18		
5	64QAM	1	0	20.38	20.04	20.35	22	1
5	64QAM	1	12	20.40	20.16	20.10		
5	64QAM	1	24	20.27	20.28	20.30		
5	64QAM	12	0	19.49	19.29	19.56	21	2
5	64QAM	12	7	19.16	19.42	19.08		
5	64QAM	12	13	19.44	19.29	19.36		
5	64QAM	25	0	19.20	19.37	19.50		
5	256QAM	1	0	17.50	17.16	17.02	19	4
5	256QAM	1	12	17.16	17.05	17.15		
5	256QAM	1	24	17.34	17.17	17.29		
5	256QAM	12	0	17.24	17.36	17.07	19	4
5	256QAM	12	7	17.41	17.23	17.24		
5	256QAM	12	13	17.38	17.26	17.38		
5	256QAM	25	0	17.26	17.38	17.21		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.40	21.40	21.24	23	0
3	QPSK	1	8	21.18	21.21	21.15		
3	QPSK	1	14	21.23	21.22	21.10		
3	QPSK	8	0	21.00	21.27	21.25	23	0
3	QPSK	8	4	21.13	21.21	21.29		
3	QPSK	8	7	21.25	21.15	21.23		
3	QPSK	15	0	21.15	21.14	21.04		
3	16QAM	1	0	21.15	21.09	21.20	23	0
3	16QAM	1	8	21.12	21.12	21.31		
3	16QAM	1	14	21.13	21.16	21.21		
3	16QAM	8	0	20.47	20.37	20.26	22	1
3	16QAM	8	4	20.54	20.49	20.15		
3	16QAM	8	7	20.13	20.25	20.20		
3	16QAM	15	0	20.54	20.60	20.24		
3	64QAM	1	0	20.37	20.01	20.37	22	1
3	64QAM	1	8	20.46	20.24	20.09		
3	64QAM	1	14	20.18	20.41	20.47		
3	64QAM	8	0	19.53	19.16	19.56	21	2
3	64QAM	8	4	19.18	19.34	19.23		
3	64QAM	8	7	19.30	19.29	19.23		
3	64QAM	15	0	19.28	19.39

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.28	22.39	22.16	24	0
15	QPSK	1	37	22.26	22.24	22.14		
15	QPSK	1	74	22.11	22.14	22.13		
15	QPSK	36	0	22.12	22.26	22.18	24	0
15	QPSK	36	20	22.18	22.17	22.21		
15	QPSK	36	39	22.25	22.19	22.25		
15	QPSK	75	0	22.15	22.18	22.11		
15	16QAM	1	0	22.16	22.27	22.24	24	0
15	16QAM	1	37	22.21	22.16	22.19		
15	16QAM	1	74	22.24	22.23	22.34		
15	16QAM	36	0	22.17	22.11	22.16	23	1
15	16QAM	36	20	22.33	22.32	22.25		
15	16QAM	36	39	22.31	22.15	22.13		
15	16QAM	75	0	22.23	22.25	22.26		
15	64QAM	1	0	22.25	22.14	22.19	23	1
15	64QAM	1	37	22.26	22.22	22.27		
15	64QAM	1	74	22.20	22.23	22.19		
15	64QAM	36	0	20.48	20.01	20.27	22	2
15	64QAM	36	20	20.07	20.21	20.02		
15	64QAM	36	39	20.27	20.14	20.20		
15	64QAM	75	0	20.01	20.47	20.41		
15	256QAM	1	0	18.29	18.17	18.24	20	4
15	256QAM	1	37	18.12	18.24	18.13		
15	256QAM	1	74	18.24	18.06	18.30		
15	256QAM	36	0	18.29	18.40	18.10	20	4
15	256QAM	36	20	18.33	18.17	18.18		
15	256QAM	36	39	18.24	18.05	18.40		
15	256QAM	75	0	18.03	18.33	18.20		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.27	22.23	22.19	24	0
10	QPSK	1	25	22.30	22.28	22.19		
10	QPSK	1	49	22.21	22.29	22.12		
10	QPSK	25	0	22.33	22.34	22.17	24	0
10	QPSK	25	12	22.19	22.20	22.26		
10	QPSK	25	25	22.21	22.23	22.20		
10	QPSK	50	0	22.35	22.13	22.35		
10	16QAM	1	0	22.19	22.27	22.12	24	0
10	16QAM	1	25	22.34	22.11	22.29		
10	16QAM	1	49	22.25	22.11	22.21		
10	16QAM	25	0	22.27	22.14	22.24	23	1
10	16QAM	25	12	22.14	22.24	22.35		
10	16QAM	25	25	22.14	22.31	22.22		
10	16QAM	50	0	22.27	22.33	22.30		
10	64QAM	1	0	22.17	22.26	22.28	23	1
10	64QAM	1	25	22.25	22.34	22.14		
10	64QAM	1	49	22.29	22.26	22.29		
10	64QAM	25	0	20.54	20.20	20.53	22	2
10	64QAM	25	12	20.11	20.21	20.09		
10	64QAM	25	25	20.20	20.24	20.11		
10	64QAM	50	0	20.19	20.45	20.41		
10	256QAM	1	0	18.30	18.07	18.10	20	4
10	256QAM	1	25	18.09	18.04	18.05		
10	256QAM	1	49	18.39	18.16	18.18		
10	256QAM	25	0	18.31	18.07	18.05	20	4
10	256QAM	25	12	18.27	18.05	18.02		
10	256QAM	25	25	18.39	18.24	18.20		
10	256QAM	50	0	18.03	18.24	18.33		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.20	22.20	22.11	24	0
5	QPSK	1	12	22.12	22.29	22.29		
5	QPSK	1	24	22.28	22.19	22.20		
5	QPSK	12	0	22.25	22.34	22.26	24	0
5	QPSK	12	7	22.16	22.12	22.30		
5	QPSK	12	13	22.31	22.26	22.31		
5	QPSK	25	0	22.15	22.21	22.31		
5	16QAM	1	0	22.25	22.29	22.24	24	0
5	16QAM	1	12	22.32	22.11	22.22		
5	16QAM	1	24	22.33	22.14	22.28		
5	16QAM	12	0	22.13	22.17	22.21	23	1
5	16QAM	12	7	22.24	22.21	22.17		
5	16QAM	12	13	22.30	22.18	22.29		
5	16QAM	25	0	22.14	22.12	22.19		
5	64QAM	1	0	22.17	22.13	22.25	23	1
5	64QAM	1	12	22.16	22.29	22.30		
5	64QAM	1	24	22.15	22.34	22.25		
5	64QAM	12	0	20.28	20.17	20.28	22	2
5	64QAM	12	7	20.01	20.41	20.01		
5	64QAM	12	13	20.28	20.24	20.15		
5	64QAM	25	0	20.16	20.37	20.30		
5	256QAM	1	0	18.23	18.08	18.06	20	4
5	256QAM	1	12	18.07	18.06	18.17		
5	256QAM	1	24	18.26	18.07	18.18		
5	256QAM	12	0	18.36	18.38	18.13	20	4
5	256QAM	12	7	18.27	18.14	18.13		
5	256QAM	12	13	18.16	18.07	18.32		
5	256QAM	25	0	18.10	18.17	18.13		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.27	22.26	22.24	24	0
3	QPSK	1	8	22.25	22.22	22.30		
3	QPSK	1	14	22.35	22.18	22.26		
3	QPSK	8	0	22.12	22.30	22.26	24	0
3	QPSK	8	4	22.14	22.18	22.26		
3	QPSK	8	7	22.20	22.14	22.16		
3	QPSK	15	0	22.19	22.13	22.31		
3	16QAM	1	0	22.20	22.28	22.27	24	0
3	16QAM	1	8	22.16	22.18	22.11		
3	16QAM	1	14	22.22	22.29	22.12		
3	16QAM	8	0	22.18	22.17	22.30	23	1
3	16QAM	8	4	22.32	22.28	22.13		
3	16QAM	8	7	22.15	22.29	22.28		
3	16QAM	15	0	22.12	22.22	22.13		
3	64QAM	1	0	22.12	22.30	22.24	23	1
3	64QAM	1	8	22.28	22.31	22.22		
3	64QAM	1	14	22.32	22.11	22.29		
3	64QAM	8	0	20.18	20.12	20.36	22	2
3	64QAM	8	4	20.16	20.02	20.16		
3	64QAM	8	7	20.21	20.10	20.24		
3	64QAM	15	0	20.10	20.30	20.24		
3	256QAM	1	0	18.44	18.02	18.15	20	4
3	256QAM	1	8	18.18	18.05	18.17		
3	256QAM	1	14	18.21	18.06	18.26		
3	256QAM	8	0	18.10	18.10	18.16	20	4
3	256QAM	8	4	18.39	18.01	18.03		
3	256QAM	8	7	18.21	18.03	18.34		
3	256QAM	15	0	18.04	18.37	18.18		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.28	22.26	24	0
1.4	QPSK	1	3	22.01	22.06	22.25		
1.4	QPSK	1	5	22.16	22.00	22.01		
1.4	QPSK	3	0	22.07	22.23	22.11		
1.4	QPSK	3	1	22.07	22.05	22.13		
1.4	QPSK	3	3	22.17	22.25	22.06		
1.4	QPSK	6	0	22.01	22.17	22.06	24	0
1.4	16QAM	1	0	22.04	22.21	22.07	24	0
1.4	16QAM	1	3	22.00	22.08	22.19		
1.4	16QAM	1	5	22.20	22.28	22.04		
1.4	16QAM	3	0	22.05	22.10	22.13		
1.4	16QAM	3	1	22.01	22.07	22.27		
1.4	16QAM	3	3	22.09	22.07	22.25		
1.4	16QAM	6	0	21.29	21.31	21.03	23	1
1.4	64QAM	1	0	21.09	21.20	21.17	23	1
1.4	64QAM	1	3	21.30	21.28	21.31		
1.4	64QAM	1	5	21.06	21.11	21.23		
1.4	64QAM	3	0	21.43	21.07	21.06		
1.4	64QAM	3	1	21.00	21.05	21.00		
1.4	64QAM	3	3	21.30	21.24	21.17		
1.4	64QAM	6	0	20.31	20.25	20.31	22	2
1.4	256QAM	1	0	18.30	18.03	18.17	20	4
1.4	256QAM	1	3	18.01	18.27	18.17		
1.4	256QAM	1	5	18.25	18.16	18.00		
1.4	256QAM	3	0	18.11	18.31	18.01		
1.4	256QAM	3	1	18.08	18.22	18.23		
1.4	256QAM	3	3	18.02	18.13	18.27		
1.4	256QAM	6	0	18.06	18.24	18.16	20	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.33	21.43	21.16	23	0
20	QPSK	1	49	21.14	21.11	21.07		
20	QPSK	1	99	21.07	21.13	21.06		
20	QPSK	50	0	21.06	21.32	21.22	23	0
20	QPSK	50	24	21.11	21.19	21.07		
20	QPSK	50	50	21.11	21.00	21.21		
20	QPSK	100	0	21.16	21.25	21.21		
20	16QAM	1	0	21.06	21.10	21.05	23	0
20	16QAM	1	49	21.00	21.34	21.35		
20	16QAM	1	99	21.11	21.05	21.14		
20	16QAM	50	0	20.42	20.32	20.35	22	1
20	16QAM	50	24	20.24	20.35	20.11		
20	16QAM	50	50	20.25	20.17	20.32		
20	16QAM	100	0	20.45	20.75	20.36		
20	64QAM	1	0	20.34	20.20	20.32	22	1
20	64QAM	1	49	20.44	20.38	20.12		
20	64QAM	1	99	20.18	20.41	20.28		
20	64QAM	50	0	19.36	19.16	19.36	21	2
20	64QAM	50	24	19.20	19.43	19.07		
20	64QAM	50	50	19.38	19.26	19.28		
20	64QAM	100	0	19.23	19.36	19.43		
20	256QAM	1	0	17.34	17.20	17.17	19	4
20	256QAM	1	49	17.26	17.22	17.11		
20	256QAM	1	99	17.19	17.01	17.26		
20	256QAM	50	0	17.36	17.32	17.09	19	4
20	256QAM	50	24	17.33	17.28	17.13		
20	256QAM	50	50	17.57	17.20	17.53		
20	256QAM	100	0	17.19	17.28	17.18		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.25	21.34	21.27	23	0
15	QPSK	1	37	21.14	21.06	21.42		
15	QPSK	1	74	21.17	21.13	21.08		
15	QPSK	36	0	21.35	21.42	21.10	23	0
15	QPSK	36	20	21.03	21.28	21.08		
15	QPSK	36	39	21.19	21.11	21.20		
15	QPSK	75	0	21.07	21.24	21.11		
15	16QAM	1	0	21.00	21.15	21.06	23	0
15	16QAM	1	37	21.06	21.38	21.38		
15	16QAM	1	74	21.02	21.09	21.10		
15	16QAM	36	0	20.31	20.26	20.40	22	1
15	16QAM	36	20	20.27	20.40	20.03		
15	16QAM	36	39	20.21	20.13	20.26		
15	16QAM	75	0	20.41	20.84	20.37		
15	64QAM	1	0	20.39	20.18	20.42	22	1
15	64QAM	1	37	20.55	20.39	20.22		
15	64QAM	1	74	20.07	20.33	20.20		
15	64QAM	36	0	19.37	19.14	19.26	21	2
15	64QAM	36	20	19.11	19.39	19.12		
15	64QAM	36	39	19.48	19.34	19.20		
15	64QAM	75	0	19.34	19.37	19.32		
15	256QAM	1	0	17.23	17.13	17.27	19	4
15	256QAM	1	37	17.16	17.13	17.04		
15	256QAM	1	74	17.17	17.22	17.20		
15	256QAM	36	0	17.29	17.42	17.02	19	4
15	256QAM	36	20	17.41	17.37	17.14		
15	256QAM	36	39	17.52	17.36	17.52		
15	256QAM	75	0	17.10	17.29	17.21		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.39	21.36	21.11	23	0
10	QPSK	1	25	21.12	21.02	21.08		
10	QPSK	1	49	21.22	21.12	21.04		
10	QPSK	25	0	21.23	21.31	21.14	23	0
10	QPSK	25	12	21.20	21.29	21.12		
10	QPSK	25	25	21.21	21.42	21.31		
10	QPSK	50	0	21.27	21.25	21.28		
10	16QAM	1	0	21.15	21.12	21.24	23	0
10	16QAM	1	25	21.00	21.29	21.41		
10	16QAM	1	49	21.13	21.13	21.14		
10	16QAM	25	0	20.40	20.27	20.33	22	1
10	16QAM	25	12	20.27	20.25	20.16		
10	16QAM	25	25	20.15	20.28	20.34		
10	16QAM	50	0	20.54	20.44	20.31		
10	64QAM	1	0	20.38	20.20	20.37	22	1
10	64QAM	1	25	20.48	20.48	20.06		
10	64QAM	1	49	20.13	20.35	20.30		
10	64QAM	25	0	19.35	19.11	19.35	21	2
10	64QAM	25	12	19.09	19.33	19.16		
10	64QAM	25	25	19.44	19.18	19.36		
10	64QAM	50	0	19.32	19.30	19.40		
10	256QAM	1	0	17.33	17.22	17.10	19	4
10	256QAM	1	25	17.27	17.19	17.01		
10	256QAM	1	49	17.09	17.16	17.29		
10	256QAM	25	0	17.46	17.33	17.14	19	4
10	256QAM	25	12	17.24	17.20	17.03		
10	256QAM	25	25	17.51	17.12	17.48		
10	256QAM	50	0	17.25	17.26	17.25		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.36	21.39	21.08	23	0
5	QPSK	1	12	21.25	21.06	21.15		
5	QPSK	1	24	21.18	21.08	21.28		
5	QPSK	12	0	21.02	21.32	21.33	23	0
5	QPSK	12	7	21.19	21.12	21.26		
5	QPSK	12	13	21.01	21.00	21.20		
5	QPSK	25	0	21.27	21.24	21.14		
5	16QAM	1	0	21.13	21.20	21.10	23	0
5	16QAM	1	12	21.03	21.24	21.29		
5	16QAM	1	24	21.09	21.14	21.09		
5	16QAM	12	0	20.33	20.28	20.40	22	1
5	16QAM	12	7	20.23	20.28	20.15		
5	16QAM	12	13	20.19	20.07	20.42		
5	16QAM	25	0	20.37	20.76	20.39		
5	64QAM	1	0	20.32	20.18	20.37	22	1
5	64QAM	1	12	20.48	20.36	20.05		
5	64QAM	1	24	20.12	20.48	20.27		
5	64QAM	12	0	19.34	19.15	19.24	21	2
5	64QAM	12	7	19.11	19.48	19.17		
5	64QAM	12	13	19.35	19.28	19.18		
5	64QAM	25	0	19.15	19.45	19.47		
5	256QAM	1	0	17.33	17.20	17.29	19	4
5	256QAM	1	12	17.36	17.22	17.22		
5	256QAM	1	24	17.14	17.30	17.25		
5	256QAM	12	0	17.35	17.31	17.13	19	4
5	256QAM	12	7	17.37	17.34	17.03		
5	256QAM	12	13	17.16	17.31	17.41		
5	256QAM	25	0	17.18	17.16	17.07		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.40	21.42	21.15	23	0
3	QPSK	1	8	21.13	21.15	21.01		
3	QPSK	1	14	21.14	21.18	21.18		
3	QPSK	8	0	21.13	21.21	21.20	23	0
3	QPSK	8	4	21.06	21.14	21.15		
3	QPSK	8	7	21.11	21.12	21.14		
3	QPSK	15	0	21.15	21.21	21.22		
3	16QAM	1	0	21.06	21.14	21.11	23	0
3	16QAM	1	8	21.10	21.29	21.28		
3	16QAM	1	14	21.07	21.01	21.04		
3	16QAM	8	0	20.33	20.38	20.34	22	1
3	16QAM	8	4	20.31	20.28	20.11		
3	16QAM	8	7	20.14	20.19	20.40		
3	16QAM	15	0	20.48	20.64	20.48		
3	64QAM	1	0	20.36	20.11	20.41	22	1
3	64QAM	1	8	20.42	20.33	20.10		
3	64QAM	1	14	20.15	20.33	20.27		
3	64QAM	8	0	19.37	19.10	19.41	21	2
3	64QAM	8	4	19.17	19.43	19.14		
3	64QAM	8	7	19.50	19.25	19.28		
3	64QAM	15	0	19.22	19.25	19.35		
3	256QAM	1	0	17.24	17.31	17.26	19	4
3	256QAM	1	8	17.34	17.10	17.17		
3	256QAM	1	14	17.29	17.13	17.31		
3	256QAM	8	0	17.41	17.39	17.20	19	4
3	256QAM	8	4	17.39	17.32	17.16		
3	256QAM	8	7	17.52	17.31	17.51		
3	256QAM	15	0	17.29	17.29	17.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.39	21.30	21.17	23	0
1.4	QPSK	1	3	21.19	21.12	21.22		
1.4	QPSK	1	5	21.25	21.23	21.16		
1.4	QPSK	3	0	21.05	21.33	21.07		
1.4	QPSK	3	1	21.10	21.34	21.27		
1.4	QPSK	3	3	21.01	21.05	21.38		
1.4	QPSK	6	0	21.32	21.11	21.11	23	0
1.4	16QAM	1	0	21.41	21.16	21.35	23	0
1.4	16QAM	1	3	21.11	21.29	21.22		
1.4	16QAM	1	5	21.15	21.05	21.17		
1.4	16QAM	3	0	21.22	21.12	21.27		
1.4	16QAM	3	1	21.18	21.38	21.23		
1.4	16QAM	3	3	21.19	21.24	21.17		
1.4	16QAM	6	0	20.50	20.60	20.42	22	1
1.4	64QAM	1	0	20.31	20.22	20.50	22	1
1.4	64QAM	1	3	20.29	20.27	20.01		
1.4	64QAM	1	5	20.37	20.40	20.48		
1.4	64QAM	3	0	20.47	20.29	20.24		
1.4	64QAM	3	1	20.05	20.27	20.15		
1.4	64QAM	3	3	20.38	20.27	20.30		
1.4	64QAM	6	0	19.26	19.33	19.59	21	2
1.4	256QAM	1	0	17.47	17.26	17.00	19	4
1.4	256QAM	1	3	17.21	17.07	17.09		
1.4	256QAM	1	5	17.28	17.09	17.29		
1.4	256QAM	3	0	17.40	17.35	17.06		
1.4	256QAM	3	1	17.36	17.21	17.17		
1.4	256QAM	3	3	17.19	17.42	17.41		
1.4	256QAM	6	0	17.10	17.46	17.26	19	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	2595	2610		
20	QPSK	1	0	22.63	22.72	22.50		
20	QPSK	1	49	22.66	22.71	22.54	24	0
20	QPSK	1	99	22.59	22.53	22.57		
20	QPSK	50	0	22.58	22.53	22.45		
20	QPSK	50	24	22.56	22.66	22.53	24	0
20	QPSK	50	50	22.60	22.55	22.57		
20	QPSK	100	0	22.56	22.65	22.46		
20	16QAM	1	0	22.64	22.53	22.44		
20	16QAM	1	49	22.53	22.52	22.51	24	0
20	16QAM	1	99	22.70	22.66	22.41		
20	16QAM	50	0	22.63	22.57	22.54		
20	16QAM	50	24	22.53	22.64	22.55	24	0
20	16QAM	50	50	22.66	22.65	22.52		
20	16QAM	100	0	22.54	22.71	22.44		
20	64QAM	1	0	22.61	22.58	22.37		
20	64QAM	1	49	22.50	22.64	22.51	24	0
20	64QAM	1	99	22.63	22.52	22.53		
20	64QAM	50	0	21.51	21.53	21.56		
20	64QAM	50	24	21.67	21.73	21.39	23	1
20	64QAM	50	50	21.64	21.61	21.46		
20	64QAM	100	0	21.67	21.68	21.40		
20	256QAM	1	0	19.50	19.61	19.60		
20	256QAM	1	49	19.58	19.60	19.42	21	3
20	256QAM	1	99	19.69	19.63	19.41		
20	256QAM	50	0	19.67	19.65	19.54		
20	256QAM	50	24	19.71	19.82	19.83	21	3
20	256QAM	50	50	19.89	19.88	19.79		
20	256QAM	100	0	19.90	19.97	19.81		
		Channel		37825	38000	38175	Tune-up limit	MPR
		Frequency (MHz)		2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.44	22.56	22.49		
15	QPSK	1	37	22.59	22.60	22.47	24	0
15	QPSK	1	74	22.56	22.42	22.52		
15	QPSK	36	0	22.39	22.53	22.35		
15	QPSK	36	20	22.55	22.49	22.47	24	0
15	QPSK	36	39	22.53	22.40	22.37		
15	QPSK	75	0	22.51	22.58	22.32		
15	16QAM	1	0	22.55	22.38	22.32		
15	16QAM	1	37	22.48	22.41	22.35	24	0
15	16QAM	1	74	22.57	22.52	22.38		
15	16QAM	36	0	22.62	22.39	22.41		
15	16QAM	36	20	22.33	22.53	22.53	24	0
15	16QAM	36	39	22.52	22.62	22.31		
15	16QAM	75	0	22.34	22.62	22.25		
15	64QAM	1	0	22.62	22.58	22.38		
15	64QAM	1	37	22.42	22.44	22.43	24	0
15	64QAM	1	74	22.62	22.50	22.53		
15	64QAM	36	0	21.33	21.31	21.52		
15	64QAM	36	20	21.59	21.63	21.39	23	1
15	64QAM	36	39	21.60	21.50	21.33		
15	64QAM	75	0	21.60	21.65	21.25		
15	256QAM	1	0	19.48	19.47	19.38		
15	256QAM	1	37	19.38	19.54	19.34	21	3
15	256QAM	1	74	19.66	19.44	19.28		
15	256QAM	36	0	19.54	19.47	19.37		
15	256QAM	36	20	19.70	19.70	19.65	21	3
15	256QAM	36	39	19.83	19.86	19.60		
15	256QAM	75	0	19.69	19.91	19.83		
		Channel		37550	38000	38250	Tune-up limit	MPR
		Frequency (MHz)		2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.48	22.71	22.48		
10	QPSK	1	25	22.53	22.59	22.40	24	0
10	QPSK	1	49	22.55	22.52	22.37		
10	QPSK	25	0	22.48	22.46	22.27		
10	QPSK	25	12	22.47	22.48	22.36	24	0
10	QPSK	25	25	22.61	22.35	22.59		
10	QPSK	50	0	22.37	22.45	22.35		
10	16QAM	1	0	22.58	22.43	22.22		
10	16QAM	1	25	22.54	22.31	22.32	24	0
10	16QAM	1	49	22.63	22.59	22.23		
10	16QAM	25	0	22.50	22.49	22.52		
10	16QAM	25	12	22.43	22.49	22.51	24	0
10	16QAM	25	25	22.52	22.65	22.41		
10	16QAM	50	0	22.39	22.52	22.44		
10	64QAM	1	0	22.42	22.59	22.34		
10	64QAM	1	25	22.38	22.56	22.43	24	0
10	64QAM	1	49	22.50	22.34	22.52		
10	64QAM	25	0	21.49	21.35	21.35		
10	64QAM	25	12	21.50	21.57	21.24	23	1
10	64QAM	25	25	21.46	21.54	21.32		
10	64QAM	50	0	21.49	21.52	21.18		
10	256QAM	1	0	19.36	19.57	19.50		
10	256QAM	1	25	19.55	19.47	19.43	21	3
10	256QAM	1	49	19.58	19.50	19.22		
10	256QAM	25	0	19.52	19.48	19.48		
10	256QAM	25	12	19.60	19.74	19.67	21	3
10	256QAM	25	25	19.87	19.82	19.67		
10	256QAM	50	0	19.82	19.97	19.69		
		Channel		37775	38000	38225	Tune-up limit	MPR
		Frequency (MHz)		2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.46	22.55	22.36		
5	QPSK	1	12	22.50	22.55	22.53	24	0
5	QPSK	1	24	22.39	22.46	22.44		
5	QPSK	12	0	22.58	22.40	22.34		
5	QPSK	12	7	22.55	22.54	22.49	24	0
5	QPSK	12	13	22.47	22.38	22.42		
5	QPSK	25	0	22.40	22.49	22.38		
5	16QAM	1	0	22.57	22.47	22.41		
5	16QAM	1	12	22.46	22.31	22.33	24	0
5	16QAM	1	24	22.67	22.57	22.27		
5	16QAM	12	0	22.64	22.57	22.46		
5	16QAM	12	7	22.39	22.59	22.46	24	0
5	16QAM	12	13	22.49	22.49	22.35		
5	16QAM	25	0	22.34	22.65	22.39		
5	64QAM	1	0	22.40	22.57	22.38		
5	64QAM	1	12	22.46	22.61	22.42	24	0
5	64QAM	1	24	22.62	22.52	22.40		
5	64QAM	12	0	21.31	21.43	21.58		
5	64QAM	12	7	21.68	21.56	21.28	23	1
5	64QAM	12	13	21.46	21.44	21.28		
5	64QAM	25	0	21.64	21.61	21.32		
5	256QAM	1	0	19.32	19.56	19.46		
5	256QAM	1	12	19.51	19.59	19.34	21	3
5	256QAM	1	24	19.67	19.62	19.38		
5	256QAM	12	0	19.67	19.63	19.33		
5	256QAM	12	7	19.68	19.77	19.61	21	3
5	256QAM	12	13	19.70	19.79	19.78		
5	256QAM	25	0	19.78	19.95	19.76		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.55	22.65	22.76	22.69	22.54		
20	QPSK	1	49	22.46	22.50	22.69	22.54	22.60	24	0
20	QPSK	1	99	22.56	22.61	22.68	22.63	22.50		
20	QPSK	50	0	22.27	22.36	22.58	22.37	22.43		
20	QPSK	50	24	22.48	22.71	22.73	22.60	22.59	24	0
20	QPSK	50	50	22.36	22.55	22.58	22.43	22.58		
20	QPSK	100	0	22.47	22.62	22.66	22.61	22.57		
20	16QAM	1	0	22.57	22.55	22.68	22.65	22.46		
20	16QAM	1	49	22.47	22.62	22.64	22.61	22.42	24	0
20	16QAM	1	99	22.38	22.36	22.56	22.55	22.53		
20	16QAM	50	0	22.12	22.24	22.27	22.27	22.25		
20	16QAM	50	24	22.18	22.09	22.31	22.28	22.14	24	0
20	16QAM	50	50	22.16	22.17	22.38	22.34	22.23		
20	16QAM	100	0	22.35	22.43	22.49	22.31	22.49		
20	64QAM	1	0	22.06	22.26	22.33	22.34	22.12		
20	64QAM	1	49	22.10	22.12	22.33	22.32	22.24	24	0
20	64QAM	1	99	22.28	22.18	22.39	22.25	22.26		
20	64QAM	50	0	21.10	21.32	21.42	21.29	21.38		
20	64QAM	50	24	21.32	21.47	21.46	21.34	21.32	23	1
20	64QAM	50	50	21.15	21.21	21.35	21.36	21.31		
20	64QAM	100	0	21.06	21.27	21.34	21.28	21.31		
20	256QAM	1	0	19.14	19.04	19.24	19.21	19.10		
20	256QAM	1	49	19.15	19.16	19.24	19.04	19.14	21	3
20	256QAM	1	99	19.07	19.38	19.39	19.24	19.24		
20	256QAM	50	0	19.06	19.16	19.16	19.03	19.18		
20	256QAM	50	24	19.13	19.29	19.30	19.22	19.11	21	3
20	256QAM	50	50	19.08	19.19	19.26	19.15	19.17		
20	256QAM	100	0	19.11	19.18	19.25	19.22	19.16		
		Channel		39725	40173	40620	41068	41515	Tune-up limit	MPR
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	22.48	22.55	22.67	22.65	22.59		
15	QPSK	1	37	22.49	22.55	22.71	22.44	22.52	24	0
15	QPSK	1	74	22.53	22.63	22.58	22.54	22.61		
15	QPSK	36	0	22.19	22.39	22.66	22.30	22.42		
15	QPSK	36	20	22.40	22.49	22.49	22.39	22.58	24	0
15	QPSK	36	39	22.25	22.50	22.56	22.54	22.63		
15	QPSK	75	0	22.50	22.65	22.61	22.62	22.49		
15	16QAM	1	0	22.51	22.51	22.64	22.68	22.52		
15	16QAM	1	37	22.40	22.65	22.62	22.53	22.39	24	0
15	16QAM	1	74	22.42	22.44	22.62	22.62	22.58		
15	16QAM	36	0	22.04	22.35	22.28	22.28	22.23		
15	16QAM	36	20	22.16	22.16	22.33	22.30	22.05	24	0
15	16QAM	36	39	22.15	22.20	22.32	22.24	22.24		
15	16QAM	75	0	22.27	22.38	22.41	22.42	22.37		
15	64QAM	1	0	22.07	22.15	22.25	22.34	22.03		
15	64QAM	1	37	22.03	22.24	22.24	22.25	22.20	24	0
15	64QAM	1	74	22.40	22.29	22.32	22.14	22.15		
15	64QAM	36	0	21.12	21.30	21.35	21.21	21.39		
15	64QAM	36	20	21.37	21.55	21.49	21.37	21.29	23	1
15	64QAM	36	39	21.15	21.15	21.31	21.39	21.28		
15	64QAM	75	0	21.06	21.25	21.28	21.22	21.25		
15	256QAM	1	0	19.16	19.04	19.16	19.16	19.03		
15	256QAM	1	37	19.14	19.04	19.26	19.11	19.18	21	3
15	256QAM	1	74	19.12	19.34	19.43	19.17	19.36		
15	256QAM	36	0	19.18	19.16	19.07	19.06	19.19		
15	256QAM	36	20	19.13	19.38	19.29	19.30	19.18	21	3
15	256QAM	36	39	19.08	19.17	19.21	19.08	19.14		
15	256QAM	75	0	19.01	19.21	19.18	19.14	19.18		
		Channel		39700	40140	40620	41099	41540	Tune-up limit	MPR
		Frequency (MHz)		2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.59	22.66	22.74	22.72	22.65		
10	QPSK	1	25	22.55	22.47	22.59	22.43	22.49	24	0
10	QPSK	1	49	22.66	22.71	22.67	22.60	22.38		
10	QPSK	25	0	22.33	22.24	22.46	22.46	22.34		
10	QPSK	25	12	22.36	22.64	22.62	22.67	22.66	24	0
10	QPSK	25	25	22.40	22.61	22.69	22.48	22.64		
10	QPSK	50	0	22.45	22.72	22.67	22.52	22.47		
10	16QAM	1	0	22.49	22.52	22.69	22.60	22.35		
10	16QAM	1	25	22.48	22.69	22.73	22.64	22.42	24	0
10	16QAM	1	49	22.47	22.36	22.61	22.47	22.49		
10	16QAM	25	0	22.01	22.25	22.30	22.35	22.14		
10	16QAM	25	12	22.26	22.16	22.33	22.39	22.18	24	0
10	16QAM	25	25	22.28	22.23	22.43	22.28	22.14		
10	16QAM	50	0	22.24	22.43	22.55	22.26	22.41		
10	64QAM	1	0	22.55	22.35	22.31	22.37	22.21		
10	64QAM	1	25	22.19	22.09	22.39	22.24	22.36	24	0
10	64QAM	1	49	22.30	22.09	22.31	22.21	22.17		
10	64QAM	25	0	21.10	21.42	21.35	21.27	21.47		
10	64QAM	25	12	21.29	21.45	21.56	21.45	21.20	23	1
10	64QAM	25	25	21.09	21.19	21.30	21.45	21.23		
10	64QAM	50	0	21.13	21.37	21.25	21.25	21.31		
10	256QAM	1	0	19.04	19.25	19.28	19.27	19.04		
10	256QAM	1	25	19.16	19.20	19.18	19.03	19.04	21	3
10	256QAM	1	49	19.19	19.34	19.30	19.28	19.18		
10	256QAM	25	0	19.13	19.24	19.15	19.06	19.09		
10	256QAM	25	12	19.16	19.41	19.25	19.28	19.12	21	3
10	256QAM	25	25	19.02	19.13	19.28	19.27	19.09		
10	256QAM	50	0	19.04	19.20	19.36	19.25	19.16		
		Channel		39675	40148	40620	41093	41565	Tune-up limit	MPR
		Frequency (MHz)		2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	22.45	22.53	22.67	22.57	22.59		
5	QPSK	1	12	22.37	22.53	22.62	22.53	22.52	24	0
5	QPSK	1	24	22.67	22.53	22.69	22.70	22.53		
5	QPSK	12	0	22.37	22.25	22.66	22.30	22.46		
5	QPSK	12	7	22.55	22.60	22.64	22.65	22.62	24	0
5	QPSK	12	13	22.31	22.49	22.55	22.53	22.67		
5	QPSK	25	0	22.35	22.52	22.67	22.58	22.56		
5	16QAM	1	0	22.52	22.49	22.67	22.70	22.36		
5	16QAM	1	12	22.36	22.51	22.64	22.49	22.48	24	0
5	16QAM	1	24	22.34	22.26	22.58	22.60	22.43		
5	16QAM	12	0	22.00	22.19	22.18	22.20	22.27		
5	16QAM	12	7	22.13	22.07	22.24	22.23	22.15	24	0
5	16QAM	12	13	22.24	22.05	22.29	22.26	22.28		
5	16QAM	25	0	22.43	22.42	22.57	22.23	22.59		
5	64QAM	1	0	22.13	22.36	22.36	22.31	22.16		
5	64QAM	1	12	22.09	22.18	22.28	22.35	22.33	24	0
5	64QAM	1	24	22.20	22.28	22.46	22.21	22.29		
5	64QAM	12	0	21.27	21.32	21.45	21.22	21.34		
5	64QAM	12	7	21.32	21.51	21.57	21.40	21.40	23	1
5	64QAM	12	13	21.10	21.17	21.37	21.47	21.41		
5	64QAM	25	0	21.04	21.24	21.30	21.19	21.37		
5	256QAM	1	0	19.18	19.01	19.21	19.27	19.20		
5	256QAM	1	12	19.04	19.14	19.18	19.08	19.08	21	3
5	256QAM	1	24	19.21	19.48	19.49	19.29	19.34		
5	256QAM	12	0	19.15	19.24	19.19	19.07	19.07		
5	256QAM	12	7	19.19	19.31	19.36	19.15	19.00	21	3
5	256QAM	12	13	19.06	19.26	19.29	19.04	19.27		
5	256QAM	25	0	19.02	19.28	19.35	19.18	19.20		

Band 41 HPUE Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.03	23.99	24.22	24.00	23.98		
20	QPSK	1	49	24.06	24.14	24.11	24.06	24.15	25	0
20	QPSK	1	99	24.18	24.01	24.13	24.08	24.05		
20	QPSK	50	0	24.08	24.01	24.12	23.97	23.97		
20	QPSK	50	24	23.95	24.11	24.21	23.97	24.06	25	0
20	QPSK	50	50	24.02	24.08	24.15	24.08	24.10		
20	QPSK	100	0	24.06	23.98	24.14	23.96	24.06		
20	16QAM	1	0	24.01	24.00	23.95	23.87	23.94		
20	16QAM	1	49	24.00	23.96	24.00	23.91	24.02	25	0
20	16QAM	1	99	24.01	23.89	24.12	24.02	23.97		
20	16QAM	50	0	23.91	23.94	24.02	23.82	23.98		
20	16QAM	50	24	23.97	23.98	24.11	23.93	23.86	25	0
20	16QAM	50	50	23.88	23.84	24.10	23.88	23.96		
20	16QAM	100	0	23.86	23.95	23.93	23.94	23.83		
20	64QAM	1	0	23.89	23.98	23.96	23.89	23.89		
20	64QAM	1	49	23.97	23.87	24.12	23.87	24.02	25	0
20	64QAM	1	99	23.93	23.94	24.05	23.93	23.93		
20	64QAM	50	0	23.78	23.84	24.00	23.81	23.88		
20	64QAM	50	24	23.83	23.86	23.99	23.81	23.95	25	0
20	64QAM	50	50	23.82	23.89	24.00	23.94	23.84		
20	64QAM	100	0	23.84	23.92	24.07	23.94	23.86		
20	256QAM	1	0	22.20	22.27	22.36	22.24	22.21		
20	256QAM	1	49	22.20	22.25	22.29	22.38	22.26	24	1
20	256QAM	1	99	22.19	22.36	22.44	22.35	22.30		
20	256QAM	50	0	22.14	22.28	22.22	22.16	22.13		
20	256QAM	50	24	22.23	22.14	22.40	22.16	22.27	24	1
20	256QAM	50	50	22.13	22.21	22.21	22.22	22.22		
20	256QAM	100	0	22.28	22.16	22.21	22.24	22.31		
		Channel		39725	40173	40620	41068	41515	Tune-up limit	MPR
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	24.00	23.81	24.10	23.92	23.80		
15	QPSK	1	37	23.99	24.05	23.98	23.96	23.97	25	0
15	QPSK	1	74	24.15	23.87	24.01	23.93	23.90		
15	QPSK	36	0	24.03	23.91	23.98	23.88	23.86		
15	QPSK	36	20	23.84	24.11	24.13	23.91	23.94	25	0
15	QPSK	36	39	23.83	23.95	23.96	24.05	23.97		
15	QPSK	75	0	23.92	23.79	23.95	23.88	23.92		
15	16QAM	1	0	23.88	23.87	23.85	23.74	23.91		
15	16QAM	1	37	23.82	23.81	23.91	23.80	23.91	25	0
15	16QAM	1	74	23.82	23.69	23.92	23.88	23.80		
15	16QAM	36	0	23.81	23.88	24.01	23.75	23.89		
15	16QAM	36	20	23.91	23.87	24.01	23.87	23.77	25	0
15	16QAM	36	39	23.82	23.77	24.01	23.82	23.92		
15	16QAM	75	0	23.74	23.78	23.77	23.86	23.79		
15	64QAM	1	0	23.88	23.79	23.94	23.88	23.82		
15	64QAM	1	37	23.96	23.77	24.00	23.80	23.92	25	0
15	64QAM	1	74	23.92	23.77	23.90	23.76	23.80		
15	64QAM	36	0	23.75	23.70	23.90	23.62	23.71		
15	64QAM	36	20	23.76	23.72	23.96	23.79	23.87	25	0
15	64QAM	36	39	23.67	23.72	23.85	23.82	23.83		
15	64QAM	75	0	23.83	23.89	23.87	23.87	23.77		
15	256QAM	1	0	22.12	22.27	22.35	22.15	22.10		
15	256QAM	1	37	22.05	22.07	22.15	22.18	22.11	24	1
15	256QAM	1	74	22.07	22.24	22.43	22.16	22.16		
15	256QAM	36	0	22.01	22.13	22.13	22.32	22.12		
15	256QAM	36	20	22.16	22.07	22.21	22.14	22.08	24	1
15	256QAM	36	39	22.22	22.08	22.20	22.21	22.21		
15	256QAM	75	0	22.20	22.05	22.14	22.06	22.17		
		Channel		39700	40160	40620	41080	41540	Tune-up limit	MPR
		Frequency (MHz)		2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.84	23.88	24.06	23.96	23.90		
10	QPSK	1	25	24.05	24.07	24.10	23.94	24.14	25	0
10	QPSK	1	49	23.99	23.95	23.93	24.01	23.98		
10	QPSK	25	0	23.91	23.86	24.07	23.91	23.90		
10	QPSK	25	12	23.81	24.07	24.06	23.86	24.05	25	0
10	QPSK	25	25	24.02	23.92	24.00	24.02	24.06		
10	QPSK	50	0	23.92	23.82	23.98	23.87	24.01		
10	16QAM	1	0	23.95	23.99	23.91	23.67	23.80		
10	16QAM	1	25	23.99	23.84	23.82	24.01	24.01	25	0
10	16QAM	1	49	23.90	23.84	23.93	23.83	23.88		
10	16QAM	25	0	23.72	23.78	23.93	23.64	23.88		
10	16QAM	25	12	23.84	23.80	24.09	23.74	23.76	25	0
10	16QAM	25	25	23.74	23.70	24.09	23.79	23.88		
10	16QAM	50	0	23.85	23.90	23.89	23.80	23.79		
10	64QAM	1	0	23.81	23.97	23.90	23.72	23.81		
10	64QAM	1	25	23.96	23.84	24.03	23.73	23.87	25	0
10	64QAM	1	49	23.74	23.85	23.99	23.78	23.76		
10	64QAM	25	0	23.69	23.81	23.96

GSM850 Ant1 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.93	32.97	32.89	33.50	23.93	23.97	23.89	24.50
GPRS 1 Tx slot	32.96	33.04	32.91	33.50	23.96	24.04	23.91	24.50
GPRS 2 Tx slots	29.45	29.51	29.39	30.50	23.45	23.51	23.39	24.50
GPRS 3 Tx slots	27.75	27.78	27.69	29.00	23.49	23.52	23.43	24.74
GPRS 4 Tx slots	26.12	26.29	26.13	27.00	23.12	23.29	23.13	24.00
EDGE 1 Tx slot	25.21	25.34	25.33	26.00	16.21	16.34	16.33	17.00
EDGE 2 Tx slots	23.59	23.68	23.62	24.50	17.59	17.68	17.62	18.50
EDGE 3 Tx slots	22.40	22.47	22.37	23.50	18.14	18.21	18.11	19.24
EDGE 4 Tx slots	20.19	20.34	20.24	21.00	17.19	17.34	17.24	18.00

GSM1900 Ant1 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.26	29.31	29.22	30.50	20.26	20.31	20.22	21.50
GPRS 1 Tx slot	29.33	29.39	29.25	30.50	20.33	20.39	20.25	21.50
GPRS 2 Tx slots	26.30	26.43	26.27	27.50	20.30	20.43	20.27	21.50
GPRS 3 Tx slots	24.91	25.08	25.07	26.00	20.65	20.82	20.81	21.74
GPRS 4 Tx slots	22.95	23.13	23.04	24.00	19.95	20.13	20.04	21.00
EDGE 1 Tx slot	24.52	24.71	24.68	25.50	15.52	15.71	15.68	16.50
EDGE 2 Tx slots	22.96	23.08	23.00	24.00	16.96	17.08	17.00	18.00
EDGE 3 Tx slots	21.81	21.98	21.87	23.00	17.55	17.72	17.61	18.74
EDGE 4 Tx slots	19.70	19.83	19.76	21.00	16.70	16.83	16.76	18.00

		WCDMA II Ant1 Default				WCDMA IV Ant1 Default				WCDMA V Ant1 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.20	22.22	22.24	24.00	22.18	22.36	22.23	24.00	24.10	24.16	24.05	25.00
3GPP Rel 99	RMC 12.2Kbps	22.36	22.41	22.32	24.00	22.30	22.38	22.26	24.00	24.22	24.27	24.18	25.00
3GPP Rel 6	HSDPA Subtest-1	21.16	21.25	21.14	23.00	21.19	21.42	21.06	23.00	23.19	23.25	22.98	24.00
3GPP Rel 6	HSDPA Subtest-2	21.23	21.43	21.19	23.00	21.32	21.40	21.28	23.00	23.05	23.17	23.26	24.00
3GPP Rel 6	HSDPA Subtest-3	20.90	20.91	20.79	22.50	20.93	20.91	20.62	22.50	22.82	22.69	22.67	23.50
3GPP Rel 6	HSDPA Subtest-4	20.77	20.89	20.67	22.50	20.75	20.73	20.60	22.50	22.59	22.65	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.24	21.38	21.12	23.00	21.31	21.39	21.10	23.00	23.14	23.31	23.08	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.27	21.47	21.35	23.00	21.37	21.34	21.33	23.00	23.11	23.31	23.19	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.57	20.84	20.78	22.50	20.55	20.78	20.79	22.50	22.61	22.71	22.65	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.88	20.67	20.71	22.50	20.79	20.76	20.69	22.50	22.65	22.69	22.59	23.50
3GPP Rel 6	HSUPA Subtest-1	21.20	21.32	21.20	23.00	21.22	21.23	21.37	23.00	23.08	23.10	23.23	24.00
3GPP Rel 6	HSUPA Subtest-2	19.20	19.34	19.33	21.00	19.38	19.28	19.36	21.00	21.21	21.16	21.27	22.00
3GPP Rel 6	HSUPA Subtest-3	20.37	20.31	20.15	22.00	20.34	20.30	20.17	22.00	22.15	22.09	22.11	23.00
3GPP Rel 6	HSUPA Subtest-4	19.22	19.31	19.18	21.00	19.19	19.36	19.28	21.00	21.15	21.22	21.06	22.00
3GPP Rel 6	HSUPA Subtest-5	21.16	21.26	21.18	23.00	21.13	21.36	21.09	23.00	22.95	23.20	23.04	24.00

Band 2 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.86	20.89	20.74		
20	QPSK	1	49	20.72	20.81	20.61	22	0
20	QPSK	1	99	20.69	20.85	20.65		
20	QPSK	50	0	20.75	20.83	20.79		
20	QPSK	50	24	20.67	20.82	20.68	22	0
20	QPSK	50	50	20.76	20.81	20.63		
20	QPSK	100	0	20.65	20.74	20.68		
20	16QAM	1	0	20.78	20.82	20.67		
20	16QAM	1	49	20.56	20.70	20.59	22	0
20	16QAM	1	99	20.59	20.67	20.65		
20	16QAM	50	0	20.37	20.46	20.45		
20	16QAM	50	24	20.16	20.35	20.21	21.5	0.5
20	16QAM	50	50	20.29	20.48	20.39		
20	16QAM	100	0	20.32	20.42	20.34		
20	64QAM	1	0	20.53	20.54	20.41		
20	64QAM	1	49	20.39	20.47	20.37	21.5	0.5
20	64QAM	1	99	20.28	20.47	20.27		
20	64QAM	50	0	19.26	19.37	19.27		
20	64QAM	50	24	19.11	19.29	19.14	20.5	1.5
20	64QAM	50	50	19.23	19.28	19.17		
20	64QAM	100	0	19.27	19.34	19.18		
20	256QAM	1	0	17.38	17.50	17.38		
20	256QAM	1	49	17.43	17.53	17.37	18.5	3.5
20	256QAM	1	99	17.39	17.49	17.31		
20	256QAM	50	0	17.23	17.30	17.13		
20	256QAM	50	24	17.36	17.46	17.32	18.5	3.5
20	256QAM	50	50	17.20	17.34	17.28		
20	256QAM	100	0	17.33	17.46	17.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.77	20.74	20.71		
15	QPSK	1	37	20.65	20.62	20.43	22	0
15	QPSK	1	74	20.54	20.80	20.69		
15	QPSK	36	0	20.72	20.82	20.68		
15	QPSK	36	20	20.60	20.73	20.62	22	0
15	QPSK	36	39	20.66	20.64	20.62		
15	QPSK	75	0	20.51	20.62	20.65		
15	16QAM	1	0	20.61	20.77	20.49		
15	16QAM	1	37	20.37	20.60	20.42	22	0
15	16QAM	1	74	20.48	20.51	20.53		
15	16QAM	36	0	20.20	20.44	20.44		
15	16QAM	36	20	19.98	20.25	20.09	21.5	0.5
15	16QAM	36	39	20.23	20.37	20.28		
15	16QAM	75	0	20.15	20.36	20.24		
15	64QAM	1	0	20.35	20.35	20.22		
15	64QAM	1	37	20.21	20.33	20.26	21.5	0.5
15	64QAM	1	74	20.11	20.34	20.21		
15	64QAM	36	0	19.16	19.25	19.16		
15	64QAM	36	20	18.97	19.23	19.00	20.5	1.5
15	64QAM	36	39	19.17	19.09	19.12		
15	64QAM	75	0	19.17	19.18	19.10		
15	256QAM	1	0	17.31	17.35	17.32		
15	256QAM	1	37	17.42	17.43	17.20	18.5	3.5
15	256QAM	1	74	17.36	17.37	17.13		
15	256QAM	36	0	17.22	17.25	17.12		
15	256QAM	36	20	17.28	17.27	17.30	18.5	3.5
15	256QAM	36	39	17.11	17.14	17.13		
15	256QAM	75	0	17.16	17.37	17.34		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.78	20.86	20.65		
10	QPSK	1	25	20.65	20.72	20.55	22	0
10	QPSK	1	49	20.67	20.65	20.50		
10	QPSK	25	0	20.55	20.83	20.72		
10	QPSK	25	12	20.66	20.78	20.56	22	0
10	QPSK	25	25	20.65	20.68	20.60		
10	QPSK	50	0	20.61	20.58	20.57		
10	16QAM	1	0	20.69	20.74	20.64		
10	16QAM	1	25	20.38	20.64	20.50	22	0
10	16QAM	1	49	20.54	20.56	20.60		
10	16QAM	25	0	20.28	20.38	20.43		
10	16QAM	25	12	20.08	20.27	20.20	21.5	0.5
10	16QAM	25	25	20.18	20.31	20.30		
10	16QAM	50	0	20.14	20.22	20.19		
10	64QAM	1	0	20.40	20.35	20.36		
10	64QAM	1	25	20.30	20.40	20.28	21.5	0.5
10	64QAM	1	49	20.13	20.34	20.08		
10	64QAM	25	0	19.24	19.31	19.20		
10	64QAM	25	12	18.98	19.25	19.03	20.5	1.5
10	64QAM	25	25	19.04	19.26	18.99		
10	64QAM	50	0	19.09	19.20	19.06		
10	256QAM	1	0	17.35	17.44	17.38		
10	256QAM	1	25	17.27	17.40	17.36	18.5	3.5
10	256QAM	1	49	17.36	17.43	17.29		
10	256QAM	25	0	17.19	17.12	16.97		
10	256QAM	25	12	17.27	17.27	17.15	18.5	3.5
10	256QAM	25	25	17.12	17.19	17.27		
10	256QAM	50	0	17.20	17.29	17.38		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.85	20.72	20.69		
5	QPSK	1	12	20.64	20.65	20.55	22	0
5	QPSK	1	24	20.62	20.74	20.58		
5	QPSK	12	0	20.62	20.65	20.70		
5	QPSK	12	7	20.57	20.67	20.51	22	0
5	QPSK	12	13	20.67	20.75	20.51		
5	QPSK	25	0	20.58	20.62	20.51		
5	16QAM	1	0	20.75	20.69	20.67		
5	16QAM	1	12	20.41	20.51	20.58	22	0
5	16QAM	1	24	20.45	20.62	20.47		
5	16QAM	12	0	20.30	20.27	20.33		
5	16QAM	12	7	20.08	20.31	20.12	21.5	0.5
5	16QAM	12	13	20.12	20.35	20.24		
5	16QAM	25	0	20.31	20.22	20.15		
5	64QAM	1	0	20.37	20.37	20.36		
5	64QAM	1	12	20.26	20.41	20.19	21.5	0.5
5	64QAM	1	24	20.14	20.32	20.25		
5	64QAM	12	0	19.16	19.24	19.12		
5	64QAM	12	7	18.98	19.27	19.10	20.5	1.5
5	64QAM	12	13	19.13	19.24	19.11		
5	64QAM	25	0	19.25	19.18	19.09		
5	256QAM	1	0	17.26	17.44	17.21		
5	256QAM	1	12	17.41	17.35	17.32	18.5	3.5
5	256QAM	1	24	17.32	17.34	17.28		
5	256QAM	12	0	17.32	17.16	17.10		
5	256QAM	12	7	17.33	17.30	17.25	18.5	3.5
5	256QAM	12	13	17.09	17.23	17.11		
5	256QAM	25	0	17.14	17.40	17.41		
Channel				18510	18900	19290	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.84	20.82	20.56		
3	QPSK	1	8	20.58	20.76	20.47	22	0
3	QPSK	1	14	20.64	20.78	20.65		
3	QPSK	8	0	20.67	20.67	20.64		
3	QPSK	8	4	20.60	20.81	20.56	22	0
3	QPSK	8	7	20.58	20.70	20.51		
3	QPSK	15	0	20.64	20.73	20.62		
3	16QAM	1	0	20.70	20.69	20.51		
3	16QAM	1	8	20.52	20.52	20.59	22	0
3	16QAM	1	14	20.54	20.49	20.52		
3	16QAM	8	0	20.22	20.42	20.41		
3	16QAM	8	4	20.09	20.21	20.19	21.5	0.5
3	16QAM	8	7	20.14	20.42	20.23		
3	16QAM	15	0	20.19	20.23	20.17		
3	64QAM	1	0	20.43	20.38	20.33		
3	64QAM	1	8	20.36	20.47	20.31	21.5	0.5
3	64QAM	1	14	20.15	20.30	20.11		
3	64QAM	8	0	19.15	19.33	19.18		
3	64QAM	8	4	18.97	19.28	19.06	20.5	1.5
3	64QAM	8	7	19.05	19.25	19.13		
3	64QAM	15	0	19.19	19.20	18.99		
3	256QAM	1	0	17.31	17.37	17.37		
3	256QAM	1	8	17.37	17.38	17.33	18.5	3.5
3	256QAM	1	14	17.27	17.46	17.28		
3	256QAM	8	0	17.08	17.26	16.93		
3	256QAM	8	4	17.31	17.38	17.15	18.5	3.5
3	256QAM	8	7	17.04	17.30	17.13		
3	256QAM	15	0	17.33	17.40	17.40		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.67	20.84	20.70		
1.4	QPSK	1	3	20.60	20.72	20.58		
1.4	QPSK	1	5	20.61	20.65	20.68	22	0
1.4	QPSK	3	0	20.62	20.70	20.59		
1.4	QPSK	3	1	20.50	20.64	20.56		
1.4	QPSK	3	3	20.67	20.69	20.60		
1.4	QPSK	6	0	20.46	20.58	20.50	22	0
1.4	16QAM	1	0	20.77	20.75	20.48		
1.4	16QAM	1	3	20.52	20.67	20.41		
1.4	16QAM	1	5	20.48	20.61	20.50	22	0
1.4	16QAM	3	0	20.77	20.64	20.52		
1.4	16QAM	3	1	20.40	20.55	20.53		
1.4	16QAM	3	3	20.46	20.64	20.53		
1.4	16QAM	6	0	20.25	20.37	20.22	21.5	0.5
1.4	64QAM	1	0	20.49	20.44	20.29		
1.4	64QAM	1	3	20.37	20.28	20.21		
1.4	64QAM	1	5	20.22	20.31	20.19	21.5	0.5
1.4	64QAM	3	0	20.37	20.54	20.22		
1.4	64QAM	3	1	20.28	20.39	20.19		
1.4	64QAM	3	3	20.15	20.33	20.19		
1.4	64QAM	6	0	19.23	19.29	19.07	20.5	1.5
1.4	256QAM	1	0	17.21	17.49	17.30		
1.4	256QAM	1	3	17.42	17.48	17.32		
1.4	256QAM	1	5	17.27	17.47	17.25	18.5	3.5
1.4	256QAM	3	0	17.21	17.28	17.12		
1.4	256QAM	3	1	17.20	17.30	17.12		
1.4	256QAM	3	3	17.02	17.20	17.10		
1.4	256QAM	6	0	17.29	17.42	17.35	18.5	3.5

Band 4 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.81	20.82	20.68		
20	QPSK	1	49	20.67	20.77	20.46	22	0
20	QPSK	1	99	20.62	20.73	20.67		
20	QPSK	50	0	20.63	20.74	20.64		
20	QPSK	50	24	20.59	20.64	20.55	22	0
20	QPSK	50	50	20.63	20.66	20.46		
20	QPSK	100	0	20.43	20.47	20.52		
20	16QAM	1	0	20.73	20.65	20.64		
20	16QAM	1	49	20.54	20.61	20.46	22	0
20	16QAM	1	99	20.58	20.62	20.54		
20	16QAM	50	0	20.28	20.32	20.07		
20	16QAM	50	24	20.09	20.32	20.15	21.5	0.5
20	16QAM	50	50	20.15	20.28	20.30		
20	16QAM	100	0	20.14	20.40	20.29		
20	64QAM	1	0	20.43	20.47	20.40		
20	64QAM	1	49	20.35	20.27	20.31	21.5	0.5
20	64QAM	1	99	20.14	20.31	20.26		
20	64QAM	50	0	19.19	19.24	19.20		
20	64QAM	50	24	19.07	19.09	19.09	20.5	1.5
20	64QAM	50	50	19.12	19.22	19.03		
20	64QAM	100	0	19.16	19.16	19.05		
20	256QAM	1	0	17.19	17.34	17.30		
20	256QAM	1	49	17.34	17.48	17.21	18.5	3.5
20	256QAM	1	99	17.28	17.30	17.28		
20	256QAM	50	0	17.15	17.29	16.96		
20	256QAM	50	24	17.31	17.35	17.19	18.5	3.5
20	256QAM	50	50	17.11	17.28	17.09		
20	256QAM	100	0	17.16	17.46	17.40		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.66	20.72	20.58		
15	QPSK	1	37	20.57	20.69	20.46	22	0
15	QPSK	1	74	20.64	20.70	20.61		
15	QPSK	36	0	20.66	20.77	20.77		
15	QPSK	36	20	20.53	20.74	20.52	22	0
15	QPSK	36	39	20.75	20.79	20.60		
15	QPSK	75	0	20.51	20.58	20.55		
15	16QAM	1	0	20.75	20.80	20.51		
15	16QAM	1	37	20.37	20.65	20.55	22	0
15	16QAM	1	74	20.49	20.58	20.54		
15	16QAM	36	0	20.20	20.35	20.32		
15	16QAM	36	20	20.12	20.28	20.06	21.5	0.5
15	16QAM	36	39	20.23	20.40	20.23		
15	16QAM	75	0	20.30	20.37	20.26		
15	64QAM	1	0	20.45	20.40	20.24		
15	64QAM	1	37	20.34	20.35	20.25	21.5	0.5
15	64QAM	1	74	20.12	20.39	20.18		
15	64QAM	36	0	19.20	19.18	19.24		
15	64QAM	36	20	18.93	19.19	19.04	20.5	1.5
15	64QAM	36	39	19.13	19.16	19.05		
15	64QAM	75	0	19.16	19.22	19.03		
15	256QAM	1	0	17.30	17.40	17.30		
15	256QAM	1	37	17.32	17.39	17.33	18.5	3.5
15	256QAM	1	74	17.24	17.46	17.29		
15	256QAM	36	0	17.07	17.11	16.98		
15	256QAM	36	20	17.31	17.46	17.15	18.5	3.5
15	256QAM	36	39	17.12	17.23	17.27		
15	256QAM	75	0	17.15	17.26	17.37		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.73	20.74	20.71		
10	QPSK	1	25	20.60	20.62	20.51	22	0
10	QPSK	1	49	20.66	20.77	20.54		
10	QPSK	25	0	20.65	20.74	20.79		
10	QPSK	25	12	20.57	20.72	20.66	22	0
10	QPSK	25	25	20.67	20.78	20.46		
10	QPSK	50	0	20.51	20.73	20.51		
10	16QAM	1	0	20.77	20.81	20.64		
10	16QAM	1	25	20.38	20.53	20.52	22	0
10	16QAM	1	49	20.55	20.58	20.55		
10	16QAM	25	0	20.22	20.40	20.38		
10	16QAM	25	12	20.06	20.29	20.12	21.5	0.5
10	16QAM	25	25	20.13	20.47	20.25		
10	16QAM	50	0	20.13	20.29	20.33		
10	64QAM	1	0	20.33	20.45	20.31		
10	64QAM	1	25	20.20	20.27	20.22	21.5	0.5
10	64QAM	1	49	20.20	20.36	20.25		
10	64QAM	25	0	19.08	19.36	19.13		
10	64QAM	25	12	18.93	19.22	19.01	20.5	1.5
10	64QAM	25	25	19.08	19.13	19.06		
10	64QAM	50	0	19.22	19.16	19.12		
10	256QAM	1	0	17.37	17.32	17.27		
10	256QAM	1	25	17.32	17.51	17.29	18.5	3.5
10	256QAM	1	49	17.37	17.47	17.20		
10	256QAM	25	0	17.16	17.25	16.93		
10	256QAM	25	12	17.21	17.28	17.13	18.5	3.5
10	256QAM	25	25	17.16	17.16	17.12		
10	256QAM	50	0	17.32	17.32	17.31		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.72	20.69	20.60		
5	QPSK	1	12	20.63	20.78	20.43	22	0
5	QPSK	1	24	20.69	20.74	20.67		
5	QPSK	12	0	20.60	20.73	20.75		
5	QPSK	12	7	20.49	20.63	20.59	22	0
5	QPSK	12	13	20.69	20.70	20.47		
5	QPSK	25	0	20.51	20.66	20.56		
5	16QAM	1	0	20.67	20.76	20.63		
5	16QAM	1	12	20.46	20.64	20.46	22	0
5	16QAM	1	24	20.50	20.65	20.59		
5	16QAM	12	0	20.34	20.29	20.29		
5	16QAM	12	7	20.01	20.34	20.19	21.5	0.5
5	16QAM	12	13	20.15	20.31	20.24		
5	16QAM	25	0	20.19	20.35	20.26		
5	64QAM	1	0	20.36	20.46	20.36		
5	64QAM	1	12	20.38	20.43	20.37	21.5	0.5
5	64QAM	1	24	20.16	20.32	20.19		
5	64QAM	12	0	19.23	19.32	19.11		
5	64QAM	12	7	19.03	19.20	19.03	20.5	1.5
5	64QAM	12	13	19.22	19.18	19.10		
5	64QAM	25	0	19.14	19.27	19.13		
5	256QAM	1	0	17.28	17.31	17.33		
5	256QAM	1	12	17.40	17.34	17.22	18.5	3.5
5	256QAM	1	24	17.31	17.44	17.17		
5	256QAM	12	0	17.22	17.16	17.02		
5	256QAM	12	7	17.34	17.32	17.25	18.5	3.5
5	256QAM	12	13	17.04	17.19	17.08		
5	256QAM	25	0	17.16	17.44	17.31		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.80	20.69	20.66		
3	QPSK	1	8	20.61	20.66	20.58	22	0
3	QPSK	1	14	20.55	20.81	20.61		
3	QPSK	8	0	20.74	20.64	20.73		
3	QPSK	8	4	20.60	20.64	20.65	22	0
3	QPSK	8	7	20.68	20.81	20.45		
3	QPSK	15	0	20.64	20.71	20.60		
3	16QAM	1	0	20.71	20.81	20.59		
3	16QAM	1	8	20.55	20.54	20.44	22	0
3	16QAM	1	14	20.58	20.56	20.59		
3	16QAM	8	0	20.34	20.41	20.35		
3	16QAM	8	4	20.07	20.16	20.12	21.5	0.5
3	16QAM	8	7	20.18	20.37	20.30		
3	16QAM	15	0	20.26	20.23	20.18		
3	64QAM	1	0	20.49	20.38	20.21		
3	64QAM	1	8	20.22	20.34	20.23	21.5	0.5
3	64QAM	1	14	20.28	20.31	20.15		
3	64QAM	8	0	19.17	19.32	19.21		
3	64QAM	8	4	19.02	19.23	19.09	20.5	1.5
3	64QAM	8	7	19.04	19.17	19.05		
3	64QAM	15	0	19.20	19.16	19.01		
3	256QAM	1	0	17.28	17.49	17.33		
3	256QAM	1	8	17.29	17.34	17.30	18.5	3.5
3	256QAM	1	14	17.34	17.49	17.24		
3	256QAM	8	0	17.16	17.18	17.00		
3	256QAM	8	4	17.17	17.27	17.15	18.5	3.5
3	256QAM	8	7	17.12	17.16	17.20		
3	256QAM	15	0	17.29	17.35	17.33		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.75	20.77	20.66		
1.4	QPSK	1	3	20.52	20.68	20.50		
1.4	QPSK	1	5	20.58	20.75	20.67	22	0
1.4	QPSK	3	0	20.72	20.72	20.65		
1.4	QPSK	3	1	20.54	20.63	20.51		
1.4	QPSK	3	3	20.75	20.66	20.45		
1.4	QPSK	6	0	20.52	20.59	20.65	22	0
1.4	16QAM	1	0	20.78	20.76	20.56		
1.4	16QAM	1	3	20.52	20.60	20.58		
1.4	16QAM	1	5	20.54	20.65	20.53	22	0
1.4	16QAM	3	0	20.75	20.81	20.56		
1.4	16QAM	3	1	20.52	20.70	20.42		
1.4	16QAM	3	3	20.43	20.50	20.47		
1.4	16QAM	6	0	20.13	20.40	20.33	21.5	0.5
1.4	64QAM	1	0	20.45	20.42	20.39		
1.4	64QAM	1	3	20.24	20.36	20.28		
1.4	64QAM	1	5	20.14	20.42	20.13	21.5	0.5
1.4	64QAM	3	0	20.48	20.36	20.30		
1.4	64QAM	3	1	20.24	20.42	20.18		
1.4	64QAM	3	3	20.26	20.32	20.20		
1.4	64QAM	6	0	19.21	19.34	19.15	20.5	1.5
1.4	256QAM	1	0	17.20	17.43	17.26		
1.4	256QAM	1	3	17.29	17.49	17.20		
1.4	256QAM	1	5	17.38	17.48	17.19	18.5	3.5
1.4	256QAM	3	0	17.18	17.26	17.02		
1.4	256QAM	3	1	17.19	17.34	17.15		
1.4	256QAM	3	3	17.13	17.24	17.13		
1.4	256QAM	6	0	17.24	17.37	17.25	18.5	3.5

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	22.55	22.61	22.51		
10	QPSK	1	25	22.32	22.43	22.29	24	0
10	QPSK	1	49	22.46	22.60	22.44		
10	QPSK	25	0	22.49	22.57	22.45		
10	QPSK	25	12	22.39	22.54	22.30	24	0
10	QPSK	25	25	22.56	22.47	22.26		
10	QPSK	50	0	22.42	22.50	22.39		
10	16QAM	1	0	22.34	22.46	22.41		
10	16QAM	1	25	22.40

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	22.38	22.48	22.39	24	0
10	QPSK	1	25	22.27	22.42	22.18		
10	QPSK	1	49	22.25	22.42	22.28		
10	QPSK	25	0	22.39	22.47	22.34	24	0
10	QPSK	25	12	22.29	22.45	22.20		
10	QPSK	25	25	22.36	22.30	22.08		
10	QPSK	50	0	22.39	22.43	22.27		
10	16QAM	1	0	22.25	22.39	22.24	24	0
10	16QAM	1	25	22.31	22.34	22.23		
10	16QAM	1	49	22.08	22.24	22.24		
10	16QAM	25	0	21.54	21.54	21.67	23	1
10	16QAM	25	12	21.47	21.66	21.58		
10	16QAM	25	25	21.66	21.57	21.49		
10	16QAM	50	0	21.56	21.64	21.48		
10	64QAM	1	0	21.44	21.42	21.61	23	1
10	64QAM	1	25	21.47	21.62	21.51		
10	64QAM	1	49	21.46	21.46	21.56		
10	64QAM	25	0	20.41	20.47	20.58	22	2
10	64QAM	25	12	20.49	20.59	20.56		
10	64QAM	25	25	20.40	20.45	20.59		
10	64QAM	50	0	20.45	20.57	20.52		
10	256QAM	1	0	18.56	18.68	18.56	20	4
10	256QAM	1	25	18.55	18.63	18.57		
10	256QAM	1	49	18.59	18.63	18.67		
10	256QAM	25	0	18.61	18.66	18.58	20	4
10	256QAM	25	12	18.66	18.48	18.48		
10	256QAM	25	25	18.49	18.57	18.64		
10	256QAM	50	0	18.51	18.46	18.61		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.37	22.33	22.38	24	0
5	QPSK	1	12	22.03	22.25	22.15		
5	QPSK	1	24	22.17	22.32	22.24		
5	QPSK	12	0	22.29	22.46	22.27	24	0
5	QPSK	12	7	22.18	22.33	22.29		
5	QPSK	12	13	22.42	22.18	22.29		
5	QPSK	25	0	22.21	22.28	22.21		
5	16QAM	1	0	22.18	22.26	22.27	24	0
5	16QAM	1	12	22.27	22.40	22.09		
5	16QAM	1	24	22.03	22.07	22.02		
5	16QAM	12	0	21.46	21.56	21.48	23	1
5	16QAM	12	7	21.43	21.53	21.48		
5	16QAM	12	13	21.38	21.38	21.56		
5	16QAM	25	0	21.49	21.55	21.47		
5	64QAM	1	0	21.50	21.33	21.34	23	1
5	64QAM	1	12	21.39	21.47	21.47		
5	64QAM	1	24	21.45	21.42	21.46		
5	64QAM	12	0	20.43	20.40	20.38	22	2
5	64QAM	12	7	20.30	20.30	20.45		
5	64QAM	12	13	20.36	20.31	20.34		
5	64QAM	25	0	20.45	20.41	20.48		
5	256QAM	1	0	18.61	18.57	18.45	20	4
5	256QAM	1	12	18.49	18.47	18.52		
5	256QAM	1	24	18.52	18.55	18.64		
5	256QAM	12	0	18.47	18.47	18.39	20	4
5	256QAM	12	7	18.50	18.48	18.46		
5	256QAM	12	13	18.44	18.39	18.48		
5	256QAM	25	0	18.55	18.45	18.41		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.42	22.41	22.28	24	0
3	QPSK	1	8	22.13	22.33	22.01		
3	QPSK	1	14	22.15	22.34	22.20		
3	QPSK	8	0	22.23	22.27	22.26	24	0
3	QPSK	8	4	22.18	22.33	22.05		
3	QPSK	8	7	22.40	22.33	22.06		
3	QPSK	15	0	22.24	22.28	22.13		
3	16QAM	1	0	22.10	22.19	22.19	24	0
3	16QAM	1	8	22.25	22.42	22.16		
3	16QAM	1	14	22.09	22.12	22.07		
3	16QAM	8	0	21.53	21.57	21.57	23	1
3	16QAM	8	4	21.52	21.39	21.48		
3	16QAM	8	7	21.54	21.43	21.42		
3	16QAM	15	0	21.45	21.43	21.49		
3	64QAM	1	0	21.44	21.41	21.43	23	1
3	64QAM	1	8	21.45	21.46	21.34		
3	64QAM	1	14	21.37	21.41	21.49		
3	64QAM	8	0	20.30	20.47	20.39	22	2
3	64QAM	8	4	20.38	20.46	20.34		
3	64QAM	8	7	20.35	20.46	20.31		
3	64QAM	15	0	20.45	20.30	20.35		
3	256QAM	1	0	18.53	18.60	18.49	20	4
3	256QAM	1	8	18.48	18.49	18.50		
3	256QAM	1	14	18.48	18.61	18.62		
3	256QAM	8	0	18.42	18.51	18.37	20	4
3	256QAM	8	4	18.44	18.56	18.47		
3	256QAM	8	7	18.54	18.38	18.55		
3	256QAM	15	0	18.48	18.44	18.56		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.40	22.32	22.38	24	0
1.4	QPSK	1	3	22.18	22.26	22.12		
1.4	QPSK	1	5	22.21	22.41	22.15		
1.4	QPSK	3	0	22.22	22.31	22.18		
1.4	QPSK	3	1	22.12	22.43	22.11		
1.4	QPSK	3	3	22.31	22.25	22.04		
1.4	QPSK	6	0	22.15	22.29	22.25	24	0
1.4	16QAM	1	0	22.07	22.27	22.19	24	0
1.4	16QAM	1	3	22.30	22.34	22.18		
1.4	16QAM	1	5	22.18	22.16	22.04		
1.4	16QAM	3	0	22.13	22.31	22.19		
1.4	16QAM	3	1	22.29	22.40	22.18		
1.4	16QAM	3	3	22.06	22.21	22.18		
1.4	16QAM	6	0	21.38	21.43	21.48	23	1
1.4	64QAM	1	0	21.43	21.40	21.43	23	1
1.4	64QAM	1	3	21.48	21.38	21.54		
1.4	64QAM	1	5	21.55	21.43	21.43		
1.4	64QAM	3	0	21.51	21.51	21.37		
1.4	64QAM	3	1	21.45	21.40	21.42		
1.4	64QAM	3	3	21.44	21.47	21.36		
1.4	64QAM	6	0	20.37	20.43	20.42	22	2
1.4	256QAM	1	0	18.60	18.60	18.54	20	4
1.4	256QAM	1	3	18.47	18.46	18.59		
1.4	256QAM	1	5	18.46	18.44	18.47		
1.4	256QAM	3	0	18.54	18.44	18.52		
1.4	256QAM	3	1	18.46	18.40	18.44		
1.4	256QAM	3	3	18.47	18.44	18.50		
1.4	256QAM	6	0	18.46	18.50	18.51	20	4

Band 13 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.45		24	0
10	QPSK	1	25		22.36			
10	QPSK	1	49		22.35			
10	QPSK	25	0		22.39		24	0
10	QPSK	25	12		22.34			
10	QPSK	25	25		22.38			
10	QPSK	50	0		22.33			
10	16QAM	1	0		22.18		24	0
10	16QAM	1	25		22.37			
10	16QAM	1	49		22.28			
10	16QAM	25	0		22.19		24	0
10	16QAM	25	12		22.28			
10	16QAM	25	25		22.30			
10	16QAM	50	0		22.15			
10	64QAM	1	0		22.15		24	0
10	64QAM	1	25		22.30			
10	64QAM	1	49		22.15			
10	64QAM	25	0		21.35		23	1
10	64QAM	25	12		21.26			
10	64QAM	25	25		21.20			
10	64QAM	50	0		21.39			
10	256QAM	1	0		19.23		21	3
10	256QAM	1	25		19.32			
10	256QAM	1	49		19.31			
10	256QAM	25	0		19.14		21	3
10	256QAM	25	12		19.06			
10	256QAM	25	25		19.19			
10	256QAM	50	0		19.15			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.33	22.43	22.32	24	0
5	QPSK	1	12	22.34	22.31	22.38		
5	QPSK	1	24	22.31	22.26	22.30		
5	QPSK	12	0	22.32	22.30	22.25	24	0
5	QPSK	12	7	22.38	22.30	22.37		
5	QPSK	12	13	22.26	22.28	22.34		
5	QPSK	25	0	22.32	22.26	22.22		
5	16QAM	1	0	22.08	22.24	22.13	24	0
5	16QAM	1	12	22.10	22.20	22.17		
5	16QAM	1	24	22.09	22.19	22.18		
5	16QAM	12	0	22.07	22.06	22.05	24	0
5	16QAM	12	7	22.18	22.09	22.05		
5	16QAM	12	13	22.12	22.11	22.04		
5	16QAM	25	0	22.11	22.22	22.07		
5	64QAM	1	0	22.03	22.07	22.05	24	0
5	64QAM	1	12	22.07	22.16	22.12		
5	64QAM	1	24	22.04	22.18	22.15		
5	64QAM	12	0	21.22	21.14	21.13	23	1
5	64QAM	12	7	21.11	21.14	21.16		
5	64QAM	12	13	21.29	21.18	21.20		
5	64QAM	25	0	21.15	21.23	21.14		
5	256QAM	1	0	19.13	19.22	19.20	21	3
5	256QAM	1	12	19.11	19.24	19.06		
5	256QAM	1	24	19.24	19.14	19.17		
5	256QAM	12	0	19.00	19.08	19.03	21	3
5	256QAM	12	7	19.04	19.12	19.06		
5	256QAM	12	13	19.02	19.12	19.04		
5	256QAM	25	0	19.10	19.08	19.00		

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	22.35	22.42	22.39	24	0
10	QPSK	1	25	22.32	22.39	22.33		
10	QPSK	1	49	22.33	22.34	22.32		
10	QPSK	25	0	22.34	22.37	22.36	24	0
10	QPSK	25	12	22.29	22.27	22.33		
10	QPSK	25	25	22.32	22.32	22.27		
10	QPSK	50	0	22.26	22.32	22.26		
10	16QAM	1	0	22.26	22.27	22.21	24	0
10	16QAM	1	25	22.26	22.20	22.32		
10	16QAM	1	49	22.25	22.27	22.22		
10	16QAM	25	0	21.61	21.68	21.70	23	1
10	16QAM	25	12	21.54	21.55	21.68		
10	16QAM	25	25	21.56	21.59	21.71		
10	16QAM	50	0	21.70	21.71	21.55		
10	64QAM	1	0	21.78	21.74	21.62	23	1
10	64QAM	1	25	21.73	21.80	21.76		
10	64QAM	1	49	21.69	21.76	21.72		
10	64QAM	25	0	20.57	20.54	20.57	22	2
10	64QAM	25	12	20.59	20.56	20.53		
10	64QAM	25	25	20.53	20.47	20.49		
10	64QAM	50	0	20.56	20.55	20.52		
10	256QAM	1	0	18.69	18.60	18.60	20	4
10	256QAM	1	25	18.72	18.71	18.72		
10	256QAM	1	49	18.74	18.65	18.65		
10	256QAM	25	0	18.59	18.56	18.63	20	4
10	256QAM	25	12	18.52	18.62	18.61		
10	256QAM	25	25	18.69	18.67	18.67		
10	256QAM	50	0	18.52	18.59	18.64		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.35	22.41	22.28	24	0
5	QPSK	1	12	22.33	22.29	22.28		
5	QPSK	1	24	22.27	22.29	22.38		
5	QPSK	12	0	22.24	22.25	22.31	24	0
5	QPSK	12	7	22.23	22.27	22.35		
5	QPSK	12	13	22.25	22.29	22.34		
5	QPSK	25	0	22.25	22.18	22.14		
5	16QAM	1	0	22.22	22.18	22.10	24	0
5	16QAM	1	12	22.21	22.24	22.15		
5	16QAM	1	24	22.25	22.10	22.20		
5	16QAM	12	0	21.58	21.51	21.48	23	1
5	16QAM	12	7	21.46	21.61	21.61		
5	16QAM	12	13	21.61	21.57	21.62		
5	16QAM	25	0	21.62	21.43	21.47		
5	64QAM	1	0	21.57	21.59	21.51	23	1
5	64QAM	1	12	21.60	21.58	21.53		
5	64QAM	1	24	21.52	21.61	21.68		
5	64QAM	12	0	20.56	20.48	20.44	22	2
5	64QAM	12	7	20.36	20.54	20.55		
5	64QAM	12	13	20.51	20.37	20.41		
5	64QAM	25	0	20.38	20.41	20.41		
5	256QAM	1	0	18.52	18.60	18.54	20	4
5	256QAM	1	12	18.65	18.58	18.52		
5	256QAM	1	24	18.59	18.50	18.52		
5	256QAM	12	0	18.54	18.50	18.55	20	4
5	256QAM	12	7	18.57	18.58	18.51		
5	256QAM	12	13	18.50	18.41	18.53		
5	256QAM	25	0	18.51	18.59	18.50		

Band 25 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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.91	20.95	20.80	22	0
20	QPSK	1	49	20.90	20.85	20.86		
20	QPSK	1	99	20.86	20.91	20.72		
20	QPSK	50	0	20.88	20.93	20.73	22	0
20	QPSK	50	24	20.85	20.79	20.68		
20	QPSK	50	50	20.75	20.82	20.73		
20	QPSK	100	0	20.81	20.83	20.82		
20	16QAM	1	0	20.67	20.86	20.74	22	0
20	16QAM	1	49	20.75	20.80	20.67		
20	16QAM	1	99	20.60	20.72	20.61		
20	16QAM	50	0	20.12	20.16	20.12	21	1
20	16QAM	50	24	20.00	20.06	20.09		
20	16QAM	50	50	19.94	20.15	19.96		
20	16QAM	100	0	20.06	20.08	20.01		
20	64QAM	1	0	20.12	20.26	20.13	21	1
20	64QAM	1	49	20.04	20.23	20.00		
20	64QAM	1	99	20.09	20.22	20.02		
20	64QAM	50	0	18.86	19.08	18.93	20	2
20	64QAM	50	24	18.88	19.11	18.88		
20	64QAM	50	50	18.98	19.07	19.00		
20	64QAM	100	0	18.96	19.15	18.96		
20	256QAM	1	0	17.16	17.11	17.13	18	4
20	256QAM	1	49	17.17	17.23	17.17		
20	256QAM	1	99	17.18	17.10	17.06		
20	256QAM	50	0	17.08	17.14	16.94	18	4
20	256QAM	50	24	16.99	17.01	16.92		
20	256QAM	50	50	17.07	17.16	16.97		
20	256QAM	100	0	17.08	17.05	16.92		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.83	20.78	20.90	22	0
15	QPSK	1	37	20.91	20.77	20.91		
15	QPSK	1	74	20.86	20.86	20.75		
15	QPSK	36	0	20.73	20.69	20.76	22	0
15	QPSK	36	20	20.82	20.73	20.77		
15	QPSK	36	39	20.75	20.71	20.85		
15	QPSK	75	0	20.66	20.70	20.67		
15	16QAM	1	0	20.62	20.72	20.73	22	0
15	16QAM	1	37	20.58	20.65	20.61		
15	16QAM	1	74	20.60	20.65	20.69		
15	16QAM	36	0	20.04	19.99	20.09	21	1
15	16QAM	36	20	19.94	19.96	20.06		
15	16QAM	36	39	20.10	20.07	20.05		
15	16QAM	75	0	19.97	20.05	19.99		
15	64QAM	1	0	20.10	20.14	20.14	21	1
15	64QAM	1	37	20.05	20.09	20.15		
15	64QAM	1	74	20.04	20.10	20.05		
15	64QAM	36	0	18.88	18.97	18.96	20	2
15	64QAM	36	20	18.95	18.91	19.04		
15	64QAM	36	39	18.96	19.01	19.02		
15	64QAM	75	0	18.89	18.90	18.99		
15	256QAM	1	0	17.17	17.08	17.10	18	4
15	256QAM	1	37	17.01	17.12	17.05		
15	256QAM	1	74	17.12	17.12	17.14		
15	256QAM	36	0	17.03	16.91	16.99	18	4
15	256QAM	36	20	17.02	17.07	16.99		
15	256QAM	36	39	16.95	16.91	17.05		
15	256QAM	75	0	17.10	16.94	16.91		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.90	20.74	20.83	22	0
10	QPSK	1	25	20.91	20.76	20.88		
10	QPSK	1	49	20.74	20.84	20.74		
10	QPSK	25	0	20.71	20.68	20.80	22	0
10	QPSK	25	12	20.70	20.78	20.76		
10	QPSK	25	25	20.71	20.81	20.77		
10	QPSK	50	0	20.71	20.63	20.81		
10	16QAM	1	0	20.59	20.74	20.61	22	0
10	16QAM	1	25	20.73	20.63	20.66		
10	16QAM	1	49	20.76	20.74	20.75		
10	16QAM	25	0	20.07	19.94	20.10	21	1
10	16QAM	25	12	19.98	20.12	19.93		
10	16QAM	25	25	19.94	20.08	20.05		
10	16QAM	50	0	20.02	20.09	19.96		
10	64QAM	1	0	20.20	20.17	20.11	21	1
10	64QAM	1	25	20.11	20.17	20.08		
10	64QAM	1	49	20.18	20.16	20.02		
10	64QAM	25	0	19.01	18.97	18.99	20	2
10	64QAM	25	12	19.04	19.04	19.00		
10	64QAM	25	25	18.91	19.00	18.97		
10	64QAM	50	0	18.87	19.03	18.87		
10	256QAM	1	0	17.17	17.03	17.11	18	4
10	256QAM	1	25	17.07	17.14	17.08		
10	256QAM	1	49	17.15	17.08	17.13		
10	256QAM	25	0	16.94	17.06	16.96	18	4
10	256QAM	25	12	17.04	16.97	16.95		
10	256QAM	25	25	17.09	17.10	17.06		
10	256QAM	50	0	17.10	16.92	17.09		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.90	20.78	20.92	22	0
5	QPSK	1	12	20.84	20.81	20.80		
5	QPSK	1	24	20.74	20.88	20.77		
5	QPSK	12	0	20.80	20.78	20.86	22	0
5	QPSK	12	7	20.80	20.69	20.78		
5	QPSK	12	13	20.84	20.86	20.85		
5	QPSK	25	0	20.79	20.67	20.62		
5	16QAM	1	0	20.64	20.64	20.60	22	0
5	16QAM	1	12	20.66	20.70	20.68		
5	16QAM	1	24	20.70	20.72	20.62		
5	16QAM	12	0	20.08	19.96	20.06	21	1
5	16QAM	12	7	19.98	19.96	20.07		
5	16QAM	12	13	19.93	19.98	20.05		
5	16QAM	25	0	20.11	20.12	20.10		
5	64QAM	1	0	20.01	20.05	20.07	21	1
5	64QAM	1	12	20.14	20.20	20.14		
5	64QAM	1	24	20.05	20.05	20.03		
5	64QAM	12	0	19.00	19.04	19.05	20	2
5	64QAM	12	7	19.05	18.93	18.88		
5	64QAM	12	13	18.89	18.93	18.88		
5	64QAM	25	0	18.90	18.88	18.88		
5	256QAM	1	0	16.98	17.02	17.01	18	4
5	256QAM	1	12	17.03	17.15	17.16		
5	256QAM	1	24	17.17	17.14	17.03		
5	256QAM	12	0	17.04	17.09	16.95	18	4
5	256QAM	12	7	17.03	16.96	17.02		
5	256QAM	12	13	17.05	16.99	16.96		
5	256QAM	25	0	16.98	17.07	16.94		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.81	20.83	20.73	22	0
3	QPSK	1	8	20.86	20.82	20.86		
3	QPSK	1	14	20.73	20.79	20.80		
3	QPSK	8	0	20.78	20.84	20.83	22	0
3	QPSK	8	4	20.75	20.86	20.73		
3	QPSK	8	7	20.83	20.77	20.79		
3	QPSK	15	0	20.65	20.75	20.62		
3	16QAM	1	0	20.72	20.72	20.65	22	0
3	16QAM	1	8	20.61	20.65	20.72		
3	16QAM	1	14	20.68	20.68	20.67		
3	16QAM	8	0	19.95	20.01	20.07	21	1
3	16QAM	8	4	20.03	20.12	19.98		
3	16QAM	8	7	20.12	20.08	20.13		
3	16QAM	15	0	20.07	19.93	20.05		
3	64QAM	1	0	20.02	20.17	20.18	21	1
3	64QAM	1	8	20.15	20.03	20.19		
3	64QAM	1	14	20.13	20.04	20.04		
3	64QAM	8	0	18.88	19.03	18.94	20	2
3	64QAM	8	4	19.00	19.03	19.05		
3	64QAM	8	7	18.99	18.95	18.90		
3	64QAM	15	0	18.97	19.00	18.93		
3	256QAM	1	0	17.18	17.13	17.03	18	4
3	256QAM	1	8	17.14	17.09	17.11		
3	256QAM	1	14	17.07	17.00	17.11		
3	256QAM	8	0	17.05	16.92	17.10	18	4
3	256QAM	8	4	16.95	16.95	16.93		
3	256QAM	8	7	17.07	16.90	16.92		
3	256QAM	15	0	17.03	17.05	16.96		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.75	20.74	20.71	22	0
1.4	QPSK	1	3	20.59	20.66	20.59		
1.4	QPSK	1	5	20.66	20.80	20.61		
1.4	QPSK	3	0	20.74	20.84	20.65		
1.4	QPSK	3	1	20.59	20.75	20.58		
1.4	QPSK	3	3	20.79	20.66	20.53		
1.4	QPSK	6	0	20.55	20.69	20.59	22	0
1.4	16QAM	1	0	20.51	20.69	20.65	22	0
1.4	16QAM	1	3	20.60	20.69	20.51		
1.4	16QAM	1	5	20.44	20.47	20.55		
1.4	16QAM	3	0	20.50	20.69	20.70		
1.4	16QAM	3	1	20.54	20.69	20.54		
1.4	16QAM	3	3	20.32	20.46	20.57		
1.4	16QAM	6	0	19.96	19.87	19.82	21	1
1.4	64QAM	1	0	19.87	19.91	19.83	21	1
1.4	64QAM	1	3	19.92	19.83	19.77		
1.4	64QAM	1	5	19.83	19.90	19.96		
1.4	64QAM	3	0	19.92	19.75	19.89		
1.4	64QAM	3	1	19.76	19.88	19.91		
1.4	64QAM	3	3	19.76	19.83	19.89		
1.4	64QAM	6	0	18.88	18.83	18.73	20	2
1.4	256QAM	1	0	16.99	17.01	16.93	18	4
1.4	256QAM	1	3	16.97	17.00	17.02		
1.4	256QAM	1	5	17.03	16.89	16.85		
1.4	256QAM	3	0	16.84	16.96	16.81		
1.4	256QAM	3	1	16.83	16.84	16.80		
1.4	256QAM	3	3	16.94	16.95	16.79		
1.4	256QAM	6	0	16.96	16.90	16.92	18	4

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				26763	26865	26985		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.47	22.67	22.50	24	0
15	QPSK	1	37	22.42	22.56	22.56		
15	QPSK	1	74	22.55	22.51	22.58		
15	QPSK	36	0	22.52	22.65	22.49	24	0
15	QPSK	36	20	22.50	22.52	22.43		
15	QPSK	36	39	22.47	22.42	22.51		
15	QPSK	75	0	22.37	22.54	22.40		
15	16QAM	1	0	22.35	22.31	22.43	24	0
15	16QAM	1	37	22.40	22.45	22.29		
15	16QAM	1	74	22.44	22.41	22.38		
15	16QAM	36	0	21.69	21.73	21.74	23	1
15	16QAM	36	20	21.67	21.82	21.68		
15	16QAM	36	39	21.81	21.75	21.72		
15	16QAM	75	0	21.77	21.76	21.78		
15	64QAM	1	0	21.79	21.87	21.86	23	1
15	64QAM	1	37	21.71	21.72	21.77		
15	64QAM	1	74	21.72	21.76	21.72		
15	64QAM	36	0	20.71	20.67	20.65	22	2
15	64QAM	36	20	20.60	20.67	20.57		
15	64QAM	36	39	20.60	20.72	20.59		
15	64QAM	75	0	20.73	20.76	20.73		
15	256QAM	1	0	18.74	18.84	18.88	20	4
15	256QAM	1	37	18.70	18.73	18.88		
15	256QAM	1	74	18.83	18.87	18.79		
15	256QAM	36	0	18.73	18.78	18.65	20	4
15	256QAM	36	20	18.75	18.64	18.80		
15	256QAM	36	39	18.68	18.63	18.66		
15	256QAM	75	0	18.65	18.80	18.71		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.58	22.50	22.49	24	0
10	QPSK	1	25	22.45	22.50	22.50		
10	QPSK	1	49	22.62	22.57	22.61		
10	QPSK	25	0	22.40	22.45	22.57	24	0
10	QPSK	25	12	22.49	22.44	22.54		
10	QPSK	25	25	22.43	22.44	22.44		
10	QPSK	50	0	22.33	22.37	22.34		
10	16QAM	1	0	22.44	22.38	22.32	24	0
10	16QAM	1	25	22.44	22.37	22.30		
10	16QAM	1	49	22.38	22.32	22.26		
10	16QAM	25	0	21.69	21.70	21.70	23	1
10	16QAM	25	12	21.65	21.79	21.83		
10	16QAM	25	25	21.80	21.73	21.70		
10	16QAM	50	0	21.73	21.80	21.77		
10	64QAM	1	0	21.86	21.85	21.76	23	1
10	64QAM	1	25	21.84	21.80	21.81		
10	64QAM	1	49	21.89	21.81	21.84		
10	64QAM	25	0	20.72	20.61	20.72	22	2
10	64QAM	25	12	20.60	20.72	20.69		
10	64QAM	25	25	20.67	20.62	20.65		
10	64QAM	50	0	20.61	20.61	20.61		
10	256QAM	1	0	18.73	18.68	18.87	20	4
10	256QAM	1	25	18.83	18.84	18.85		
10	256QAM	1	49	18.80	18.76	18.71		
10	256QAM	25	0	18.66	18.69	18.68	20	4
10	256QAM	25	12	18.78	18.71	18.66		
10	256QAM	25	25	18.77	18.62	18.77		
10	256QAM	50	0	18.67	18.73	18.73		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.42	22.48	22.58	24	0
5	QPSK	1	12	22.43	22.46	22.44		
5	QPSK	1	24	22.60	22.51	22.51		
5	QPSK	12	0	22.46	22.40	22.47	24	0
5	QPSK	12	7	22.48	22.42	22.46		
5	QPSK	12	13	22.39	22.53	22.52		
5	QPSK	25	0	22.41	22.45	22.46		
5	16QAM	1	0	22.34	22.43	22.30	24	0
5	16QAM	1	12	22.45	22.27	22.41		
5	16QAM	1	24	22.26	22.27	22.38		
5	16QAM	12	0	21.79	21.72	21.67	23	1
5	16QAM	12	7	21.79	21.66	21.64		
5	16QAM	12	13	21.83	21.70	21.71		
5	16QAM	25	0	21.70	21.66	21.79		
5	64QAM	1	0	21.82	21.83	21.72	23	1
5	64QAM	1	12	21.73	21.79	21.85		
5	64QAM	1	24	21.87	21.87	21.78		
5	64QAM	12	0	20.61	20.63	20.73	22	2
5	64QAM	12	7	20.60	20.56	20.63		
5	64QAM	12	13	20.60	20.65	20.60		
5	64QAM	25	0	20.70	20.64	20.59		
5	256QAM	1	0	18.82	18.76	18.79	20	4
5	256QAM	1	12	18.87	18.87	18.83		
5	256QAM	1	24	18.80	18.71	18.77		
5	256QAM	12	0	18.70	18.68	18.70	20	4
5	256QAM	12	7	18.62	18.62	18.64		
5	256QAM	12	13	18.70	18.64	18.79		
5	256QAM	25	0	18.65	18.61	18.68		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.49	22.59	22.57	24	0
3	QPSK	1	8	22.58	22.61	22.50		
3	QPSK	1	14	22.50	22.44	22.49		
3	QPSK	8	0	22.37	22.50	22.47	24	0
3	QPSK	8	4	22.45	22.52	22.41		
3	QPSK	8	7	22.51	22.41	22.46		
3	QPSK	15	0	22.48	22.41	22.32		
3	16QAM	1	0	22.39	22.27	22.27	24	0
3	16QAM	1	8	22.40	22.27	22.40		
3	16QAM	1	14	22.40	22.31	22.40		
3	16QAM	8	0	21.75	21.82	21.75	23	1
3	16QAM	8	4	21.66	21.73	21.85		
3	16QAM	8	7	21.81	21.83	21.82		
3	16QAM	15	0	21.65	21.82	21.73		
3	64QAM	1	0	21.74	21.85	21.85	23	1
3	64QAM	1	8	21.90	21.73	21.78		
3	64QAM	1	14	21.73	21.79	21.79		
3	64QAM	8	0	20.64	20.62	20.58	22	2
3	64QAM	8	4	20.71	20.71	20.72		
3	64QAM	8	7	20.61	20.57	20.60		
3	64QAM	15	0	20.59	20.66	20.65		
3	256QAM	1	0	18.72	18.79	18.79	20	4
3	256QAM	1	8	18.72	18.80	18.79		
3	256QAM	1	14	18.77	18.82	18.71		
3	256QAM	8	0	18.71	18.73	18.63	20	4
3	256QAM	8	4	18.61	18.62	18.72		
3	256QAM	8	7	18.79	18.70	18.61		
3	256QAM	15	0	18.79	18.63	18.80		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.51	22.52	22.32	24	0
1.4	QPSK	1	3	22.24	22.26	22.18		
1.4	QPSK	1	5	22.29	22.58	22.42		
1.4	QPSK	3	0	22.46	22.38	22.30		
1.4	QPSK	3	1	22.28	22.51	22.13		
1.4	QPSK	3	3	22.38	22.31	22.25		
1.4	QPSK	6	0	22.42	22.47	22.25	24	0
1.4	16QAM	1	0	22.20	22.45	22.37	24	0
1.4	16QAM	1	3	22.28	22.34	22.26		
1.4	16QAM	1	5	22.13	22.16	22.19		
1.4	16QAM	3	0	22.14	22.39	22.22		
1.4	16QAM	3	1	22.37	22.51	22.21		
1.4	16QAM	3	3	22.19	22.15	22.08		
1.4	16QAM	6	0	21.56	21.56	21.57	23	1
1.4	64QAM	1	0	21.51	21.65	21.48	23	1
1.4	64QAM	1	3	21.61	21.59	21.65		
1.4	64QAM	1	5	21.60	21.62	21.64		
1.4	64QAM	3	0	21.49	21.49	21.46		
1.4	64QAM	3	1	21.54	21.48	21.48		
1.4	64QAM	3	3	21.44	21.50	21.48		
1.4	64QAM	6	0	20.43	20.46	20.43	22	2
1.4	256QAM	1	0	18.71	18.64	18.71	20	4
1.4	256QAM	1	3	18.65	18.68	18.54		
1.4	256QAM	1	5	18.56	18.68	18.68		
1.4	256QAM	3	0	18.56	18.49	18.60		
1.4	256QAM	3	1	18.60	18.50	18.61		
1.4	256QAM	3	3	18.54	18.57	18.50		
1.4	256QAM	6	0	18.55	18.57	18.63	20	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.03	21.06	21.00	22	0
20	QPSK	1	49	20.92	21.02	20.95		
20	QPSK	1	99	20.96	21.01	20.93		
20	QPSK	50	0	20.90	21.04	20.94	22	0
20	QPSK	50	24	20.97	20.88	20.95		
20	QPSK	50	50	21.02	20.89	21.02		
20	QPSK	100	0	20.91	20.94	20.93		
20	16QAM	1	0	20.85	20.88	20.91	22	0
20	16QAM	1	49	20.93	20.81	20.86		
20	16QAM	1	99	20.84	20.89	20.87		
20	16QAM	50	0	20.15	20.18	20.14	21	1
20	16QAM	50	24	20.28	20.17	20.17		
20	16QAM	50	50	20.26	20.16	20.15		
20	16QAM	100	0	20.30	20.13	20.26		
20	64QAM	1	0	20.35	20.21	20.32	21	1
20	64QAM	1	49	20.27	20.35	20.38		
20	64QAM	1	99	20.35	20.34	20.27		
20	64QAM	50	0	19.21	19.08	19.08	20	2
20	64QAM	50	24	19.14	19.19	19.21		
20	64QAM	50	50	19.16	19.11	19.12		
20	64QAM	100	0	19.14	19.10	19.09		
20	256QAM	1	0	17.26	17.24	17.19	18	4
20	256QAM	1	49	17.36	17.23	17.28		
20	256QAM	1	99	17.37	17.31	17.32		
20	256QAM	50	0	17.22	17.21	17.15	18	4
20	256QAM	50	24	17.27	17.23	17.19		
20	256QAM	50	50	17.17	17.26	17.20		
20	256QAM	100	0	17.24	17.24	17.10		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.93	21.00	21.01	22	0
15	QPSK	1	37	20.88	20.94	20.93		
15	QPSK	1	74	21.00	20.86	21.00		
15	QPSK	36	0	20.78	20.96	20.83	22	0
15	QPSK	36	20	20.83	20.82	20.96		
15	QPSK	36	39	20.93	20.94	20.85		
15	QPSK	75	0	20.76	20.84	20.82		
15	16QAM	1	0	20.79	20.78	20.82	22	0
15	16QAM	1	37	20.67	20.75	20.77		
15	16QAM	1	74	20.81	20.83	20.72		
15	16QAM	36	0	20.22	20.20	20.23	21	1
15	16QAM	36	20	20.12	20.05	20.20		
15	16QAM	36	39	20.19	20.11	20.17		
15	16QAM	75	0	20.19	20.22	20.20		
15	64QAM	1	0	20.22	20.20	20.27	21	1
15	64QAM	1	37	20.23	20.13	20.26		
15	64QAM	1	74	20.18	20.13	20.13		
15	64QAM	36	0	19.05	19.10	19.09	20	2
15	64QAM	36	20	19.02	19.07	19.13		
15	64QAM	36	39	18.99	18.96	19.01		
15	64QAM	75	0	18.98	19.16	19.11		
15	256QAM	1	0	17.27	17.23	17.20	18	4
15	256QAM	1	37	17.22	17.22	17.15		
15	256QAM	1	74	17.12	17.09	17.20		
15	256QAM	36	0	17.02	17.04	17.03	18	4
15	256QAM	36	20	17.11	17.15	17.05		
15	256QAM	36	39	17.01	17.12	17.16		
15	256QAM	75	0	17.16	17.16	17.06		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.86	21.00	20.90	22	0
10	QPSK	1	25	20.90	21.01	20.85		
10	QPSK	1	49	20.87	21.01	20.98		
10	QPSK	25	0	20.95	20.81	20.97	22	0
10	QPSK	25	12	20.85	20.89	20.82		
10	QPSK	25	25	20.91	20.79	20.83		
10	QPSK	50	0	20.82	20.81	20.92		
10	16QAM	1	0	20.71	20.80	20.72	22	0
10	16QAM	1	25	20.83	20.70	20.84		
10	16QAM	1	49	20.81	20.82	20.74		
10	16QAM	25	0	20.21	20.07	20.20	21	1
10	16QAM	25	12	20.09	20.08	20.22		
10	16QAM	25	25	20.18	20.22	20.15		
10	16QAM	50	0	20.05	20.09	20.06		
10	64QAM	1	0	20.28	20.11	20.18	21	1
10	64QAM	1	25	20.13	20.11	20.13		
10	64QAM	1	49	20.18	20.26	20.13		
10	64QAM	25	0	19.13	19.10	19.02	20	2
10	64QAM	25	12	19.16	18.97	19.12		
10	64QAM	25	25	19.00	19.15	19.11		
10	64QAM	50	0	19.01	18.99	19.07		
10	256QAM	1	0	17.26	17.09	17.19	18	4
10	256QAM	1	25	17.28	17.16	17.25		
10	256QAM	1	49	17.26	17.14	17.09		
10	256QAM	25	0	17.18	17.19	17.11	18	4
10	256QAM	25	12	17.01	17.10	17.10		
10	256QAM	25	25	17.17	17.18	17.09		
10	256QAM	50	0	17.13	17.02	17.14		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.83	20.95	20.84	22	0
5	QPSK	1	12	20.86	20.93	20.98		
5	QPSK	1	24	20.83	20.92	20.97		
5	QPSK	12	0	20.86	20.90	20.90	22	0
5	QPSK	12	7	20.83	20.96	20.90		
5	QPSK	12	13	20.95	20.83	20.90		
5	QPSK	25	0	20.84	20.78	20.73		
5	16QAM	1	0	20.70	20.76	20.76	22	0
5	16QAM	1	12	20.68	20.71	20.74		
5	16QAM	1	24	20.77	20.70	20.73		
5	16QAM	12	0	20.13	20.18	20.22	21	1
5	16QAM	12	7	20.06	20.06	20.14		
5	16QAM	12	13	20.15	20.08	20.14		
5	16QAM	25	0	20.21	20.20	20.07		
5	64QAM	1	0	20.15	20.26	20.18	21	1
5	64QAM	1	12	20.20	20.17	20.21		
5	64QAM	1	24	20.30	20.24	20.17		
5	64QAM	12	0	19.10	19.10	19.06	20	2
5	64QAM	12	7	18.97	19.01	18.97		
5	64QAM	12	13	19.11	19.04	19.00		
5	64QAM	25	0	19.15	19.13	19.06		
5	256QAM	1	0	17.09	17.13	17.24	18	4
5	256QAM	1	12	17.21	17.14	17.13		
5	256QAM	1	24	17.26	17.19	17.20		
5	256QAM	12	0	17.04	17.18	17.03	18	4
5	256QAM	12	7	17.17	17.13	17.06		
5	256QAM	12	13	17.10	17.15	17.02		
5	256QAM	25	0	17.20	17.17	17.11		
Channel				131922	132322	132722	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.82	20.92	20.87	22	0
3	QPSK	1	8	20.97	21.01	20.83		
3	QPSK	1	14	20.94	20.92	21.01		
3	QPSK	8	0	20.87	20.79	20.87	22	0
3	QPSK	8	4	20.87	20.89	20.97		
3	QPSK	8	7	20.86	20.95	20.78		
3	QPSK	15	0	20.91	20.76	20.74		
3	16QAM	1	0	20.76	20.80	20.77	22	0
3	16QAM	1	8	20.67	20.82	20.71		
3	16QAM	1	14	20.70	20.74	20.78		
3	16QAM	8	0	20.13	20.21	20.16	21	1
3	16QAM	8	4	20.04	20.03	20.10		
3	16QAM	8	7	20.15	20.16	20.23		
3	16QAM	15	0	20.13	20.06	20.08		
3	64QAM	1	0	20.19	20.15	20.11	21	1
3	64QAM	1	8	20.14	20.13	20.23		
3	64QAM	1	14	20.16	20.11	20.21		
3	64QAM	8	0	18.99	19.01	19.13	20	2
3	64QAM	8	4	19.16	19.00	19.03		
3	64QAM	8	7	18.99	19.02	19.15		
3	64QAM	15	0	19.02	19.11	19.05		
3	256QAM	1	0	17.23	17.21	17.13	18	4
3	256QAM	1	8	17.20	17.13	17.21		
3	256QAM	1	14	17.26	17.12	17.26		
3	256QAM	8	0	17.02	17.16	17.03	18	4
3	256QAM	8	4	17.06	17.07	17.04		
3	256QAM	8	7	17.08	17.05	17.11		
3	256QAM	15	0	17.08	17.08	17.13		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.86	21.02	20.88	22	0
1.4	QPSK	1	3	20.69	20.76	20.60		
1.4	QPSK	1	5	20.79	20.96	20.93		
1.4	QPSK	3	0	20.97	20.99	20.76		
1.4	QPSK	3	1	20.84	20.86	20.77		
1.4	QPSK	3	3	20.95	20.88	20.56		
1.4	QPSK	6	0	20.80	20.98	20.84	22	0
1.4	16QAM	1	0	20.71	20.88	20.72	22	0
1.4	16QAM	1	3	20.75	20.94	20.70		
1.4	16QAM	1	5	20.54	20.63	20.59		
1.4	16QAM	3	0	20.71	20.78	20.78		
1.4	16QAM	3	1	20.70	20.86	20.65		
1.4	16QAM	3	3	20.61	20.68	20.63		
1.4	16QAM	6	0	20.09	20.10	19.99	21	1
1.4	64QAM	1	0	20.06	20.12	20.10	21	1
1.4	64QAM	1	3	20.14	20.06	20.03		
1.4	64QAM	1	5	20.05	20.14	20.08		
1.4	64QAM	3	0	19.96	19.99	20.00		
1.4	64QAM	3	1	20.10	20.03	20.08		
1.4	64QAM	3	3	19.96	20.02	19.98		
1.4	64QAM	6	0	18.97	19.00	19.06	20	2
1.4	256QAM	1	0	17.08	17.11	17.04	18	4
1.4	256QAM	1	3	17.20	17.23	17.13		
1.4	256QAM	1	5	17.09	17.20	17.08		
1.4	256QAM	3	0	17.05	17.14	16.97		
1.4	256QAM	3	1	17.12	17.02	17.00		
1.4	256QAM	3	3	16.99	17.01	17.09		
1.4	256QAM	6	0	16.98	17.11	16.97	18	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	2595	2610		
20	QPSK	1	0	22.49	22.61	22.47		
20	QPSK	1	49	22.56	22.57	22.39	24	0
20	QPSK	1	99	22.44	22.59	22.41		
20	QPSK	50	0	22.45	22.55	22.41		
20	QPSK	50	24	22.41	22.51	22.43	24	0
20	QPSK	50	50	22.46	22.51	22.47		
20	QPSK	100	0	22.40	22.47	22.33		
20	16QAM	1	0	22.40	22.45	22.48		
20	16QAM	1	49	22.39	22.45	22.31	24	0
20	16QAM	1	99	22.47	22.39	22.42		
20	16QAM	50	0	21.46	21.65	21.50		
20	16QAM	50	24	21.63	21.54	21.55	23	1
20	16QAM	50	50	21.55	21.47	21.55		
20	16QAM	100	0	21.51	21.58	21.55		
20	64QAM	1	0	21.39	21.52	21.47		
20	64QAM	1	49	21.57	21.60	21.55	23	1
20	64QAM	1	99	21.47	21.52	21.54		
20	64QAM	50	0	20.64	20.66	20.65		
20	64QAM	50	24	20.53	20.53	20.61	22	2
20	64QAM	50	50	20.64	20.57	20.59		
20	64QAM	100	0	20.46	20.59	20.59		
20	256QAM	1	0	18.83	18.83	18.78		
20	256QAM	1	49	18.77	18.79	18.74	20	4
20	256QAM	1	99	18.67	18.56	18.66		
20	256QAM	50	0	18.77	18.75	18.63		
20	256QAM	50	24	18.74	18.78	18.76	20	4
20	256QAM	50	50	18.72	18.70	18.62		
20	256QAM	100	0	18.76	18.67	18.77		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.45	22.58	22.37		
15	QPSK	1	37	22.50	22.39	22.20	24	0
15	QPSK	1	74	22.41	22.44	22.30		
15	QPSK	36	0	22.30	22.52	22.36		
15	QPSK	36	20	22.24	22.42	22.42	24	0
15	QPSK	36	39	22.34	22.49	22.32		
15	QPSK	75	0	22.23	22.45	22.18		
15	16QAM	1	0	22.30	22.30	22.30		
15	16QAM	1	37	22.29	22.29	22.12	24	0
15	16QAM	1	74	22.43	22.35	22.25		
15	16QAM	36	0	21.40	21.50	21.34		
15	16QAM	36	20	21.48	21.46	21.37	23	1
15	16QAM	36	39	21.51	21.31	21.54		
15	16QAM	75	0	21.42	21.55	21.48		
15	64QAM	1	0	21.24	21.45	21.39		
15	64QAM	1	37	21.45	21.51	21.36	23	1
15	64QAM	1	74	21.42	21.33	21.48		
15	64QAM	36	0	20.49	20.48	20.64		
15	64QAM	36	20	20.45	20.48	20.50	22	2
15	64QAM	36	39	20.56	20.52	20.51		
15	64QAM	75	0	20.44	20.43	20.56		
15	256QAM	1	0	18.65	18.67	18.62		
15	256QAM	1	37	18.59	18.77	18.64	20	4
15	256QAM	1	74	18.65	18.53	18.63		
15	256QAM	36	0	18.59	18.62	18.63		
15	256QAM	36	20	18.58	18.66	18.76	20	4
15	256QAM	36	39	18.59	18.50	18.45		
15	256QAM	75	0	18.73	18.64	18.69		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2570	2595	2615		
10	QPSK	1	0	22.32	22.44	22.39		
10	QPSK	1	25	22.47	22.42	22.37	24	0
10	QPSK	1	49	22.31	22.59	22.32		
10	QPSK	25	0	22.40	22.39	22.39		
10	QPSK	25	12	22.28	22.34	22.26	24	0
10	QPSK	25	25	22.40	22.42	22.34		
10	QPSK	50	0	22.33	22.38	22.17		
10	16QAM	1	0	22.34	22.31	22.30		
10	16QAM	1	25	22.31	22.34	22.27	24	0
10	16QAM	1	49	22.27	22.34	22.22		
10	16QAM	25	0	21.37	21.57	21.30		
10	16QAM	25	12	21.59	21.42	21.53	23	1
10	16QAM	25	25	21.37	21.29	21.36		
10	16QAM	50	0	21.44	21.44	21.53		
10	64QAM	1	0	21.36	21.52	21.35		
10	64QAM	1	25	21.44	21.51	21.43	23	1
10	64QAM	1	49	21.29	21.49	21.49		
10	64QAM	25	0	20.54	20.56	20.62		
10	64QAM	25	12	20.49	20.39	20.56	22	2
10	64QAM	25	25	20.56	20.47	20.53		
10	64QAM	50	0	20.45	20.43	20.53		
10	256QAM	1	0	18.73	18.63	18.74		
10	256QAM	1	25	18.72	18.73	18.71	20	4
10	256QAM	1	49	18.49	18.53	18.62		
10	256QAM	25	0	18.67	18.57	18.62		
10	256QAM	25	12	18.60	18.72	18.61	20	4
10	256QAM	25	25	18.54	18.55	18.59		
10	256QAM	50	0	18.72	18.62	18.72		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.35	22.42	22.39		
5	QPSK	1	12	22.55	22.47	22.22	24	0
5	QPSK	1	24	22.25	22.54	22.24		
5	QPSK	12	0	22.28	22.37	22.24		
5	QPSK	12	7	22.27	22.48	22.26	24	0
5	QPSK	12	13	22.43	22.47	22.36		
5	QPSK	25	0	22.37	22.42	22.17		
5	16QAM	1	0	22.39	22.31	22.44		
5	16QAM	1	12	22.27	22.33	22.14	24	0
5	16QAM	1	24	22.40	22.23	22.32		
5	16QAM	12	0	21.38	21.60	21.49		
5	16QAM	12	7	21.51	21.46	21.54	23	1
5	16QAM	12	13	21.35	21.29	21.52		
5	16QAM	25	0	21.42	21.42	21.39		
5	64QAM	1	0	21.38	21.51	21.29		
5	64QAM	1	12	21.41	21.53	21.49	23	1
5	64QAM	1	24	21.34	21.38	21.41		
5	64QAM	12	0	20.59	20.51	20.46		
5	64QAM	12	7	20.47	20.42	20.46	22	2
5	64QAM	12	13	20.56	20.55	20.59		
5	64QAM	25	0	20.31	20.46	20.42		
5	256QAM	1	0	18.82	18.76	18.77		
5	256QAM	1	12	18.66	18.63	18.67	20	4
5	256QAM	1	24	18.50	18.51	18.62		
5	256QAM	12	0	18.58	18.59	18.61		
5	256QAM	12	7	18.63	18.73	18.75	20	4
5	256QAM	12	13	18.52	18.67	18.57		
5	256QAM	25	0	18.57	18.59	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	22.75	22.82	22.95	22.70	22.79		
20	QPSK	1	49	22.70	22.71	22.77	22.69	22.69	24	0
20	QPSK	1	99	22.73	22.68	22.89	22.61	22.67		
20	QPSK	50	0	22.71	22.78	22.87	22.66	22.75		
20	QPSK	50	24	22.70	22.63	22.83	22.61	22.77	24	0
20	QPSK	50	50	22.63	22.64	22.76	22.62	22.62		
20	QPSK	100	0	22.66	22.72	22.81	22.61	22.68		
20	16QAM	1	0	22.69	22.64	22.83	22.52	22.69		
20	16QAM	1	49	22.65	22.80	22.94	22.60	22.63	24	0
20	16QAM	1	99	22.64	22.70	22.79	22.46	22.69		
20	16QAM	50	0	22.55	22.41	22.56	22.56	22.47		
20	16QAM	50	24	22.41	22.43	22.39	22.54	22.47	23.5	0.5
20	16QAM	50	50	22.55	22.48	22.45	22.44	22.45		
20	16QAM	100	0	22.54	22.53	22.40	22.54	22.42		
20	64QAM	1	0	22.52	22.37	22.54	22.39	22.44		
20	64QAM	1	49	22.56	22.55	22.53	22.46	22.54	23.5	0.5
20	64QAM	1	99	22.43	22.43	22.42	22.55	22.46		
20	64QAM	50	0	21.35	21.51	21.39	21.40	21.48		
20	64QAM	50	24	21.37	21.39	21.38	21.38	21.48	22.5	1.5
20	64QAM	50	50	21.33	21.34	21.44	21.42	21.41		
20	64QAM	100	0	21.33	21.49	21.44	21.49	21.46		
20	256QAM	1	0	19.48	19.35	19.54	19.49	19.38		
20	256QAM	1	49	19.47	19.36	19.45	19.41	19.51	20.5	3.5
20	256QAM	1	99	19.36	19.36	19.45	19.45	19.36		
20	256QAM	50	0	19.41	19.46	19.48	19.39	19.37		
20	256QAM	50	24	19.37	19.40	19.34	19.40	19.44	20.5	3.5
20	256QAM	50	50	19.37	19.43	19.44	19.36	19.41		
20	256QAM	100	0	19.45	19.43	19.49	19.48	19.48		
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	22.68	22.82	22.88	22.51	22.78		
15	QPSK	1	37	22.51	22.56	22.67	22.58	22.53	24	0
15	QPSK	1	74	22.66	22.51	22.88	22.51	22.62		
15	QPSK	36	0	22.59	22.58	22.86	22.50	22.57		
15	QPSK	36	20	22.60	22.48	22.74	22.45	22.62	24	0
15	QPSK	36	39	22.59	22.55	22.59	22.44	22.56		
15	QPSK	75	0	22.52	22.56	22.63	22.46	22.65		
15	16QAM	1	0	22.59	22.50	22.76	22.52	22.58		
15	16QAM	1	37	22.57	22.75	22.65	22.46	22.60	24	0
15	16QAM	1	74	22.60	22.67	22.77	22.34	22.60		
15	16QAM	36	0	22.46	22.34	22.52	22.38	22.45		
15	16QAM	36	20	22.34	22.32	22.33	22.51	22.47	23.5	0.5
15	16QAM	36	39	22.45	22.39	22.43	22.42	22.37		
15	16QAM	75	0	22.40	22.47	22.36	22.42	22.36		
15	64QAM	1	0	22.33	22.33	22.36	22.36	22.43		
15	64QAM	1	37	22.54	22.37	22.36	22.40	22.43	23.5	0.5
15	64QAM	1	74	22.38	22.23	22.29	22.50	22.46		
15	64QAM	36	0	21.18	21.40	21.26	21.23	21.37		
15	64QAM	36	20	21.36	21.21	21.35	21.25	21.32	22.5	1.5
15	64QAM	36	39	21.20	21.15	21.26	21.39	21.35		
15	64QAM	75	0	21.21	21.41	21.35	21.43	21.45		
15	256QAM	1	0	19.37	19.30	19.48	19.33	19.26		
15	256QAM	1	37	19.38	19.24	19.38	19.30	19.50	20.5	3.5
15	256QAM	1	74	19.28	19.25	19.44	19.26	19.21		
15	256QAM	36	0	19.27	19.26	19.46	19.27	19.28		
15	256QAM	36	20	19.26	19.27	19.21	19.28	19.26	20.5	3.5
15	256QAM	36	39	19.28	19.37	19.26	19.20	19.30		
15	256QAM	75	0	19.32	19.30	19.38	19.33	19.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.67	22.66	22.94	22.59	22.65		
10	QPSK	1	25	22.67	22.68	22.61	22.66	22.62	24	0
10	QPSK	1	49	22.54	22.51	22.77	22.58	22.57		
10	QPSK	25	0	22.62	22.65	22.69	22.61	22.69		
10	QPSK	25	12	22.55	22.57	22.82	22.45	22.58	24	0
10	QPSK	25	25	22.53	22.60	22.75	22.60	22.52		
10	QPSK	50	0	22.47	22.67	22.78	22.44	22.60		
10	16QAM	1	0	22.65	22.49	22.74	22.42	22.67		
10	16QAM	1	25	22.46	22.72	22.65	22.56	22.53	24	0
10	16QAM	1	49	22.51	22.58	22.75	22.40	22.54		
10	16QAM	25	0	22.47	22.38	22.47	22.43	22.44		
10	16QAM	25	12	22.34	22.31	22.21	22.53	22.37	23.5	0.5
10	16QAM	25	25	22.41	22.41	22.38	22.33	22.37		
10	16QAM	50	0	22.37	22.51	22.32	22.49	22.41		
10	64QAM	1	0	22.40	22.22	22.50	22.25	22.36		
10	64QAM	1	25	22.41	22.40	22.39	22.42	22.38	23.5	0.5
10	64QAM	1	49	22.40	22.40	22.33	22.41	22.36		
10	64QAM	25	0	21.24	21.47	21.23	21.23	21.45		
10	64QAM	25	12	21.23	21.21	21.33	21.22	21.42	22.5	1.5
10	64QAM	25	25	21.28	21.29	21.25	21.30	21.40		
10	64QAM	50	0	21.31	21.33	21.41	21.40	21.26		
10	256QAM	1	0	19.35	19.16	19.47	19.32	19.22		
10	256QAM	1	25	19.34	19.34	19.41	19.37	19.46	20.5	3.5
10	256QAM	1	49	19.32	19.32	19.26	19.32	19.34		
10	256QAM	25	0	19.39	19.45	19.35	19.23	19.34		
10	256QAM	25	12	19.17	19.25	19.15	19.34	19.34	20.5	3.5
10	256QAM	25	25	19.30	19.29	19.37	19.28	19.32		
10	256QAM	50	0	19.40	19.36	19.49	19.39	19.35		
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	22.64	22.76	22.78	22.61	22.66		
5	QPSK	1	12	22.66	22.67	22.60	22.61	22.69	24	0
5	QPSK	1	24	22.57	22.48	22.88	22.56	22.60		
5	QPSK	12	0	22.64	22.60	22.82	22.63	22.70		
5	QPSK	12	7	22.67	22.63	22.77	22.42	22.62	24	0
5	QPSK	12	13	22.62	22.49	22.57	22.49	22.60		
5	QPSK	25	0	22.51	22.63	22.67	22.47	22.51		
5	16QAM	1	0	22.58	22.56	22.82	22.47	22.60		
5	16QAM	1	12	22.58	22.70	22.83	22.52	22.52	24	0
5	16QAM	1	24	22.56	22.52	22.73	22.39	22.60		
5	16QAM	12	0	22.38	22.38	22.45	22.53	22.42		
5	16QAM	12	7	22.40	22.32	22.32	22.46	22.28	23.5	0.5
5	16QAM	12	13	22.43	22.45	22.28	22.33	22.30		
5	16QAM	25	0	22.40	22.40	22.32	22.40	22.34		
5	64QAM	1	0	22.38	22.23	22.44	22.33	22.37		
5	64QAM	1	12	22.38	22.36	22.36	22.39	22.54	23.5	0.5
5	64QAM	1	24	22.36	22.33	22.38	22.47	22.35		
5	64QAM	12	0	21.34	21.49	21.28	21.35	21.35		
5	64QAM	12	7	21.35	21.19	21.26	21.21	21.34	22.5	1.5
5	64QAM	12	13	21.13	21.18	21.38	21.29	21.25		
5	64QAM	25	0	21.32	21.33	21.36	21.41	21.42		
5	256QAM	1	0	19.47	19.30	19.35	19.47	19.24		
5	256QAM	1	12	19.42	19.17	19.30	19.22	19.47	20.5	3.5
5	256QAM	1	24	19.23	19.25	19.44	19.33	19.26		
5	256QAM	12	0	19.34	19.45	19.40	19.35	19.23		
5	256QAM	12	7	19.23	19.35	19.31	19.32	19.27	20.5	3.5
5	256QAM	12	13	19.18	19.35	19.36	19.22	19.37		
5	256QAM	25	0	19.31	19.42	19.34	19.36	19.40		

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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	23.97	24.11	24.21	24.16	24.12		
20	QPSK	1	49	23.80	23.99	24.07	24.15	24.03	25	0
20	QPSK	1	99	23.78	24.10	24.10	24.06	23.97		
20	QPSK	50	0	23.93	24.02	24.17	24.11	24.06		
20	QPSK	50	24	23.95	23.93	24.15	24.03	24.03	25	0
20	QPSK	50	50	23.84	24.07	24.15	24.08	24.02		
20	QPSK	100	0	23.88	23.97	24.14	24.08	24.01		
20	16QAM	1	0	23.88	24.07	24.16	24.06	23.99		
20	16QAM	1	49	23.93	24.04	24.10	24.05	23.95	25	0
20	16QAM	1	99	23.95	24.02	24.18	24.09	24.02		
20	16QAM	50	0	23.90	23.96	24.11	24.08	24.02		
20	16QAM	50	24	23.93	24.01	24.15	24.02	23.94	25	0
20	16QAM	50	50	23.89	24.03	24.16	24.15	24.04		
20	16QAM	100	0	23.81	24.10	24.12	24.05	23.94		
20	64QAM	1	0	23.82	24.01	24.16	23.99	24.08		
20	64QAM	1	49	23.92	24.10	24.12	23.96	24.05	25	0
20	64QAM	1	99	23.93	23.92	24.03	23.98	24.04		
20	64QAM	50	0	23.85	23.93	24.06	24.00	24.05		
20	64QAM	50	24	23.91	24.09	24.13	24.10	24.11	25	0
20	64QAM	50	50	23.92	24.03	24.10	24.11	23.93		
20	64QAM	100	0	23.83	23.98	24.19	24.05	23.93		
20	256QAM	1	0	22.42	22.50	22.48	22.57	22.40		
20	256QAM	1	49	22.48	22.39	22.47	22.50	22.55	23	2
20	256QAM	1	99	22.44	22.44	22.50	22.45	22.54		
20	256QAM	50	0	22.42	22.45	22.48	22.49	22.50		
20	256QAM	50	24	22.51	22.58	22.49	22.40	22.41	23	2
20	256QAM	50	50	22.47	22.50	22.48	22.53	22.41		
20	256QAM	100	0	22.55	22.57	22.58	22.47	22.59		
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	23.96	24.08	24.14	23.97	23.94		
15	QPSK	1	37	23.65	23.97	23.99	24.15	24.00	25	0
15	QPSK	1	74	23.76	24.04	24.04	24.01	23.90		
15	QPSK	36	0	23.83	23.89	23.99	23.95	23.98		
15	QPSK	36	20	23.91	23.73	24.06	23.91	23.96	25	0
15	QPSK	36	39	23.73	23.98	24.01	23.94	23.99		
15	QPSK	75	0	23.71	23.82	24.11	23.92	23.92		
15	16QAM	1	0	23.70	23.95	24.10	23.94	23.93		
15	16QAM	1	37	23.86	24.01	23.94	23.91	23.94	25	0
15	16QAM	1	74	23.89	23.83	24.13	24.05	23.98		
15	16QAM	36	0	23.80	23.76	23.94	24.03	23.94		
15	16QAM	36	20	23.82	23.81	24.03	23.99	23.85	25	0
15	16QAM	36	39	23.84	23.88	24.07	24.15	23.90		
15	16QAM	75	0	23.79	23.91	24.10	24.00	23.77		
15	64QAM	1	0	23.66	23.85	24.10	23.98	23.90		
15	64QAM	1	37	23.82	24.00	24.02	23.79	23.98	25	0
15	64QAM	1	74	23.92	23.76	23.85	23.79	23.93		
15	64QAM	36	0	23.72	23.83	23.96	23.84	23.92		
15	64QAM	36	20	23.76	23.92	23.95	23.99	23.92	25	0
15	64QAM	36	39	23.85	23.90	23.92	24.02	23.79		
15	64QAM	75	0	23.67	23.83	23.99	24.02	23.89		
15	256QAM	1	0	22.23	22.45	22.46	22.54	22.20		
15	256QAM	1	37	22.33	22.29	22.40	22.39	22.35	23	2
15	256QAM	1	74	22.41	22.39	22.39	22.31	22.37		
15	256QAM	36	0	22.27	22.39	22.38	22.36	22.47		
15	256QAM	36	20	22.44	22.52	22.47	22.20	22.28	23	2
15	256QAM	36	39	22.29	22.37	22.28	22.52	22.31		
15	256QAM	75	0	22.44	22.41	22.41	22.45	22.52		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.71	23.91	24.01	23.98	24.10		
10	QPSK	1	25	23.67	23.97	23.94	24.06	23.96	25	0
10	QPSK	1	49	23.61	24.08	24.05	23.88	23.91		
10	QPSK	25	0	23.74	24.00	24.13	23.94	24.00		
10	QPSK	25	12	23.83	23.86	24.13	23.98	23.90	25	0
10	QPSK	25	25	23.66	24.00	24.10	23.89	23.98		
10	QPSK	50	0	23.87	23.95	24.11	24.03	23.93		
10	16QAM	1	0	23.74	23.93	24.06	23.96	23.81		
10	16QAM	1	25	23.82	24.03	23.99	23.88	23.78	25	0
10	16QAM	1	49	23.89	24.00	24.02	24.04	24.01		
10	16QAM	25	0	23.70	23.91	24.09	24.05	23.85		
10	16QAM	25	12	23.77	23.98	23.97	23.98	23.86	25	0
10	16QAM	25	25	23.71	23.92	23.99	24.14	23.94		
10	16QAM	50	0	23.78	24.07	24.06	23.97	23.80		
10	64QAM	1	0	23.66	23.94	24.13	23.88	24.07		
10	64QAM	1	25	23.76	23.96	24.06	23.90	23.90	25	0
10	64QAM

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.98	22.03	21.87	23	0
20	QPSK	1	49	21.85	21.95	21.91		
20	QPSK	1	99	21.84	21.90	21.85		
20	QPSK	50	0	21.08	21.14	21.01	22	1
20	QPSK	50	24	21.00	21.08	20.99		
20	QPSK	50	50	20.93	21.03	21.00		
20	QPSK	100	0	21.00	21.09	21.00		
20	16QAM	1	0	20.96	21.02	20.97	22	1
20	16QAM	1	49	20.88	20.96	20.82		
20	16QAM	1	99	20.80	20.92	20.79		
20	16QAM	50	0	20.09	20.14	20.08	21	2
20	16QAM	50	24	19.92	20.06	20.01		
20	16QAM	50	50	19.96	20.10	20.05		
20	16QAM	100	0	19.95	20.04	19.93		
20	64QAM	1	0	19.93	20.05	19.92	21	2
20	64QAM	1	49	19.88	19.99	19.95		
20	64QAM	1	99	19.82	19.95	19.87		
20	64QAM	50	0	19.03	19.18	19.12	20	3
20	64QAM	50	24	18.98	19.09	19.03		
20	64QAM	50	50	19.07	19.14	19.08		
20	64QAM	100	0	18.96	19.06	18.98		
20	256QAM	1	0	15.51	15.66	15.60	20	3
20	256QAM	1	49	18.45	18.48	18.38		
20	256QAM	1	99	14.60	14.71	14.66		
20	256QAM	50	0	18.55	18.69	18.65	20	3
20	256QAM	50	24	18.52	18.66	18.60		
20	256QAM	50	50	18.53	18.57	18.42		
20	256QAM	100	0	18.51	18.64	18.60		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.85	21.92	21.75	23	0
15	QPSK	1	37	21.77	21.91	21.82		
15	QPSK	1	74	21.81	21.80	21.79		
15	QPSK	36	0	20.94	21.01	20.94	22	1
15	QPSK	36	20	20.94	20.95	20.95		
15	QPSK	36	39	20.84	20.98	20.92		
15	QPSK	75	0	20.97	21.00	20.86		
15	16QAM	1	0	20.87	20.91	20.83	22	1
15	16QAM	1	37	20.74	20.83	20.73		
15	16QAM	1	74	20.70	20.81	20.74		
15	16QAM	36	0	20.04	20.06	19.99	21	2
15	16QAM	36	20	19.86	19.94	19.91		
15	16QAM	36	39	19.83	19.97	19.94		
15	16QAM	75	0	19.90	19.91	19.81		
15	64QAM	1	0	19.86	19.99	19.78	21	2
15	64QAM	1	37	19.80	19.96	19.84		
15	64QAM	1	74	19.73	19.81	19.76		
15	64QAM	36	0	18.99	19.10	19.05	20	3
15	64QAM	36	20	18.91	19.05	18.91		
15	64QAM	36	39	18.93	19.01	18.99		
15	64QAM	75	0	18.82	18.98	18.85		
15	256QAM	1	0	15.38	15.59	15.46	20	3
15	256QAM	1	37	18.33	18.35	18.29		
15	256QAM	1	74	14.50	14.66	14.54		
15	256QAM	36	0	18.51	18.54	18.62	20	3
15	256QAM	36	20	18.42	18.52	18.48		
15	256QAM	36	39	18.48	18.47	18.32		
15	256QAM	75	0	18.37	18.58	18.52		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.87	21.97	21.76	23	0
10	QPSK	1	25	21.73	21.81	21.87		
10	QPSK	1	49	21.78	21.86	21.76		
10	QPSK	25	0	20.94	21.09	20.86	22	1
10	QPSK	25	12	20.87	21.05	20.85		
10	QPSK	25	25	20.83	20.94	20.93		
10	QPSK	50	0	20.89	20.97	20.93		
10	16QAM	1	0	20.91	20.93	20.94	22	1
10	16QAM	1	25	20.83	20.85	20.70		
10	16QAM	1	49	20.73	20.88	20.74		
10	16QAM	25	0	20.05	19.99	20.02	21	2
10	16QAM	25	12	19.81	20.00	19.93		
10	16QAM	25	25	19.83	20.05	20.01		
10	16QAM	50	0	19.88	19.95	19.80		
10	64QAM	1	0	19.82	19.92	19.77	21	2
10	64QAM	1	25	19.82	19.90	19.88		
10	64QAM	1	49	19.72	19.81	19.72		
10	64QAM	25	0	18.90	19.12	19.02	20	3
10	64QAM	25	12	18.85	18.94	18.98		
10	64QAM	25	25	18.95	19.02	18.97		
10	64QAM	50	0	18.90	19.00	18.88		
10	256QAM	1	0	15.39	15.52	15.46	20	3
10	256QAM	1	25	18.37	18.43	18.28		
10	256QAM	1	49	14.55	14.67	14.56		
10	256QAM	25	0	18.46	18.64	18.57	20	3
10	256QAM	25	12	18.42	18.52	18.48		
10	256QAM	25	25	18.43	18.43	18.36		
10	256QAM	50	0	18.36	18.49	18.57		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.94	21.92	21.78	23	0
5	QPSK	1	12	21.75	21.82	21.77		
5	QPSK	1	24	21.80	21.84	21.78		
5	QPSK	12	0	20.96	21.05	20.89	22	1
5	QPSK	12	7	20.94	20.99	20.85		
5	QPSK	12	13	20.78	20.96	20.90		
5	QPSK	25	0	20.90	20.97	20.92		
5	16QAM	1	0	20.83	20.93	20.89	22	1
5	16QAM	1	12	20.79	20.83	20.71		
5	16QAM	1	24	20.67	20.78	20.74		
5	16QAM	12	0	19.96	20.03	20.04	21	2
5	16QAM	12	7	19.83	19.97	19.89		
5	16QAM	12	13	19.91	20.00	19.91		
5	16QAM	25	0	19.87	19.98	19.82		
5	64QAM	1	0	19.79	19.90	19.87	21	2
5	64QAM	1	12	19.75	19.92	19.84		
5	64QAM	1	24	19.67	19.81	19.78		
5	64QAM	12	0	18.93	19.14	19.07	20	3
5	64QAM	12	7	18.91	18.96	18.89		
5	64QAM	12	13	19.01	19.10	18.95		
5	64QAM	25	0	18.93	18.95	18.95		
5	256QAM	1	0	15.48	15.56	15.52	20	3
5	256QAM	1	12	18.34	18.36	18.35		
5	256QAM	1	24	14.56	14.62	14.62		
5	256QAM	12	0	18.50	18.64	18.54	20	3
5	256QAM	12	7	18.43	18.59	18.52		
5	256QAM	12	13	18.46	18.52	18.28		
5	256QAM	25	0	18.42	18.60	18.47		

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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				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.02	21.08	20.89	22	0
20	QPSK	1	49	20.91	21.00	20.87		
20	QPSK	1	99	20.89	20.95	20.90		
20	QPSK	50	0	20.09	20.21	20.07	21	1
20	QPSK	50	24	20.03	20.15	20.09		
20	QPSK	50	50	20.04	20.10	20.07		
20	QPSK	100	0	20.07	20.17	20.07		
20	16QAM	1	0	20.01	20.12	20.01	21	1
20	16QAM	1	49	20.02	20.06	19.99		
20	16QAM	1	99	19.97	20.02	19.88		
20	16QAM	50	0	19.02	19.11	19.00	20	2
20	16QAM	50	24	18.94	19.03	18.88		
20	16QAM	50	50	18.94	19.07	19.01		
20	16QAM	100	0	18.92	19.01	18.86		
20	64QAM	1	0	18.79	18.88	18.82	20	2
20	64QAM	1	49	18.78	18.82	18.79		
20	64QAM	1	99	18.68	18.78	18.67		
20	64QAM	50	0	18.17	18.23	18.14	19	3
20	64QAM	50	24	18.05	18.14	18.04		
20	64QAM	50	50	18.10	18.19	18.14		
20	64QAM	100	0	18.02	18.11	18.02		
20	256QAM	1	0	16.64	16.78	16.68	17	5
20	256QAM	1	49	16.69	16.75	16.72		
20	256QAM	1	99	16.64	16.70	16.57		
20	256QAM	50	0	16.61	16.71	16.63	17	5
20	256QAM	50	24	16.49	16.61	16.56		
20	256QAM	50	50	16.63	16.67	16.54		
20	256QAM	100	0	16.52	16.65	16.55		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	20.87	20.98	20.78	22	0
15	QPSK	1	37	20.79	20.93	20.83		
15	QPSK	1	74	20.79	20.89	20.85		
15	QPSK	36	0	20.02	20.15	19.99	21	1
15	QPSK	36	20	19.89	20.01	20.05		
15	QPSK	36	39	19.98	19.95	19.97		
15	QPSK	75	0	19.96	20.04	19.98		
15	16QAM	1	0	19.88	19.97	19.92	21	1
15	16QAM	1	37	19.96	19.94	19.87		
15	16QAM	1	74	19.92	19.94	19.76		
15	16QAM	36	0	18.93	18.99	18.95	20	2
15	16QAM	36	20	18.91	18.93	18.77		
15	16QAM	36	39	18.80	18.93	18.97		
15	16QAM	75	0	18.88	18.90	18.79		
15	64QAM	1	0	18.72	18.80	18.71	20	2
15	64QAM	1	37	18.73	18.74	18.73		
15	64QAM	1	74	18.56	18.66	18.56		
15	64QAM	36	0	18.13	18.13	18.08	19	3
15	64QAM	36	20	17.95	18.08	17.94		
15	64QAM	36	39	18.05	18.08	18.06		
15	64QAM	75	0	17.93	17.99	17.92		
15	256QAM	1	0	16.55	16.74	16.63	17	5
15	256QAM	1	37	16.59	16.68	16.67		
15	256QAM	1	74	16.50	16.59	16.47		
15	256QAM	36	0	16.56	16.62	16.52	17	5
15	256QAM	36	20	16.42	16.52	16.53		
15	256QAM	36	39	16.53	16.57	16.47		
15	256QAM	75	0	16.49	16.52	16.50		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	20.95	21.00	20.83	22	0
10	QPSK	1	25	20.83	20.91	20.84		
10	QPSK	1	49	20.85	20.89	20.81		
10	QPSK	25	0	19.95	20.17	20.01	21	1
10	QPSK	25	12	19.88	20.10	20.01		
10	QPSK	25	25	19.91	20.07	19.97		
10	QPSK	50	0	19.99	20.08	19.95		
10	16QAM	1	0	19.89	19.97	19.93	21	1
10	16QAM	1	25	19.89	19.97	19.88		
10	16QAM	1	49	19.86	19.89	19.79		
10	16QAM	25	0	18.97	19.01	18.94	20	2
10	16QAM	25	12	18.79	18.95	18.80		
10	16QAM	25	25	18.85	19.02	18.95		
10	16QAM	50	0	18.81	18.87	18.76		
10	64QAM	1	0	18.71	18.85	18.75	20	2
10	64QAM	1	25	18.72	18.75	18.72		
10	64QAM	1	49	18.64	18.72	18.63		
10	64QAM	25	0	18.07	18.17	18.06	19	3
10	64QAM	25	12	17.96	18.09	18.00		
10	64QAM	25	25	18.00	18.08	18.07		
10	64QAM	50	0	17.95	17.99	17.87		
10	256QAM	1	0	16.53	16.70	16.64	17	5
10	256QAM	1	25	16.60	16.64	16.63		
10	256QAM	1	49	16.57	16.63	16.51		
10	256QAM	25	0	16.49	16.63	16.52	17	5
10	256QAM	25	12	16.36	16.51	16.44		
10	256QAM	25	25	16.51	16.58	16.47		
10	256QAM	50	0	16.46	16.56	16.41		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	20.95	20.99	20.83	22	0
5	QPSK	1	12	20.85	20.89	20.75		
5	QPSK	1	24	20.80	20.81	20.77		
5	QPSK	12	0	20.01	20.15	20.02	21	1
5	QPSK	12	7	19.88	20.11	19.98		
5	QPSK	12	13	19.94	19.98	20.00		
5	QPSK	25	0	20.03	20.11	19.92		
5	16QAM	1	0	19.93	20.04	19.95	21	1
5	16QAM	1	12	19.93	19.98	19.95		
5	16QAM	1	24	19.93	19.96	19.75		
5	16QAM	12	0	18.96	19.08	18.85	20	2
5	16QAM	12	7	18.87	18.97	18.85		
5	16QAM	12	13	18.79	18.93	18.94		
5	16QAM	25	0	18.78	18.92	18.75		
5	64QAM	1	0	18.75	18.77	18.73	20	2
5	64QAM	1	12	18.70	18.74	18.67		
5	64QAM	1	24	18.54	18.64	18.61		
5	64QAM	12	0	18.04	18.12	18.00	19	3
5	64QAM	12	7	18.00	18.05	17.98		
5	64QAM	12	13	18.01	18.10	18.04		
5	64QAM	25	0	17.87	18.08	17.95		
5	256QAM	1	0	16.60	16.73	16.63	17	5
5	256QAM	1	12	16.54	16.62	16.57		
5	256QAM	1	24	16.57	16.65	16.51		
5	256QAM	12	0	16.56	16.59	16.55	17	5
5	256QAM	12	7	16.40	16.46	16.43		
5	256QAM	12	13	16.59	16.53	16.45		
5	256QAM	25	0	16.39	16.61	16.49		

Band 48_FCC Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.68	19.74	19.36	18.85	23	0
20	QPSK	1	49	21.70	21.62	21.37	21.08		
20	QPSK	1	99	21.57	19.48	18.98	18.79		
20	QPSK	50	0	21.68	20.62	20.57	20.19	22	1
20	QPSK	50	24	20.66	20.57	20.50	20.22		
20	QPSK	50	50	20.62	20.59	20.41	20.12		
20	QPSK	100	0	20.59	20.51	20.43	20.16		
20	16QAM	1	0	20.49	18.27	18.17	18.13	22	1
20	16QAM	1	49	20.40	20.46	20.39	20.32		
20	16QAM	1	99	19.10	17.87	17.82	17.73		
20	16QAM	50	0	19.66	19.69	19.55	19.66	21	2
20	16QAM	50	24	19.31	19.36	19.29	19.27		
20	16QAM	50	50	19.17	19.32	19.27	19.28		
20	16QAM	100	0	19.56	19.62	19.54	19.57		
20	64QAM	1	0	18.21	17.55	17.47	17.45	21	2
20	64QAM	1	49	19.61	19.68	19.57	19.63		
20	64QAM	1	99	18.06	17.36	17.27	17.26		
20	64QAM	50	0	18.59	18.71	18.59	18.58	20	3
20	64QAM	50	24	18.50	18.56	18.45	18.46		
20	64QAM	50	50	18.53	18.64	18.52	18.58		
20	64QAM	100	0	18.55	18.61	18.50	18.58		
20	256QAM	1	0	15.11	14.40	14.31	14.27	18	5
20	256QAM	1	49	17.65	17.32	17.24	17.21		
20	256QAM	1	99	15.09	14.24	14.12	14.17		
20	256QAM	50	0	17.10	17.23	17.16	17.09	18	5
20	256QAM	50	24	17.15	17.19	17.05	17.16		
20	256QAM	50	50	17.07	17.21	17.17	17.07		
20	256QAM	100	0	17.06	17.13	17.01	17.04		
Channel				55315	55830	56140	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.55	19.47	18.95	18.45	23	0
15	QPSK	1	37	21.56	21.52	21.30	21.02		
15	QPSK	1	74	21.51	19.24	18.77	18.41		
15	QPSK	36	0	20.66	20.56	20.50	20.10	22	1
15	QPSK	36	20	20.61	20.53	20.38	20.15		
15	QPSK	36	39	20.52	20.45	20.34	20.01		
15	QPSK	75	0	20.47	20.40	20.32	20.12		
15	16QAM	1	0	20.42	18.22	18.08	18.06	22	1
15	16QAM	1	37	20.33	20.34	20.29	20.24		
15	16QAM	1	74	18.99	17.72	17.69	17.64		
15	16QAM	36	0	19.52	19.63	19.44	19.51	21	2
15	16QAM	36	20	19.25	19.24	19.21	19.16		
15	16QAM	36	39	19.09	19.27	19.15	19.21		
15	16QAM	75	0	19.47	19.56	19.47	19.51		
15	64QAM	1	0	18.15	17.43	17.41	17.32	21	2
15	64QAM	1	37	19.52	19.58	19.47	19.55		
15	64QAM	1	74	18.01	17.26	17.13	17.21		
15	64QAM	36	0	18.49	18.67	18.53	18.49	20	3
15	64QAM	36	20	18.44	18.49	18.35	18.31		
15	64QAM	36	39	18.49	18.52	18.39	18.50		
15	64QAM	75	0	18.41	18.50	18.42	18.49		
15	256QAM	1	0	15.08	14.33	14.19	14.12	18	5
15	256QAM	1	37	17.60	17.20	17.19	17.17		
15	256QAM	1	74	14.96	14.18	13.99	14.05		
15	256QAM	36	0	16.98	17.19	17.04	16.98	18	5
15	256QAM	36	20	17.09	17.13	17.00	17.04		
15	256QAM	36	39	17.01	17.07	17.11	16.95		
15	256QAM	75	0	16.95	17.04	16.97	16.99		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.58	19.36	19.01	18.42	23	0
10	QPSK	1	25	21.48	21.53	21.37	20.95		
10	QPSK	1	49	21.46	19.15	18.77	18.33		
10	QPSK	25	0	20.59	20.55	20.48	20.06	22	1
10	QPSK	25	12	20.59	20.45	20.46	20.15		
10	QPSK	25	25	20.49	20.44	20.27	20.05		
10	QPSK	50	0	20.52	20.42	20.36	20.12		
10	16QAM	1	0	20.37	18.15	18.05	18.05	22	1
10	16QAM	1	25	20.37	20.34	20.25	20.21		
10	16QAM	1	49	19.05	17.76	17.73	17.60		
10	16QAM	25	0	19.54	19.64	19.51	19.59	21	2
10	16QAM	25	12	19.21	19.28	19.22	19.18		
10	16QAM	25	25	19.07	19.25	19.16	19.22		
10	16QAM	50	0	19.42	19.53	19.51	19.54		
10	64QAM	1	0	18.12	17.47	17.40	17.32	21	2
10	64QAM	1	25	19.56	19.57	19.48	19.56		
10	64QAM	1	49	17.98	17.25	17.22	17.16		
10	64QAM	25	0	18.54	18.63	18.51	18.45	20	3
10	64QAM	25	12	18.45	18.51	18.41	18.39		
10	64QAM	25	25	18.45	18.54	18.53	18.53		
10	64QAM	50	0	18.45	18.56	18.42	18.55		
10	256QAM	1	0	15.00	14.33	14.27	14.22	18	5
10	256QAM	1	25	17.61	17.23	17.15	17.12		
10	256QAM	1	49	15.04	14.14	14.01	14.11		
10	256QAM	25	0	16.99	17.17	17.03	17.02	18	5
10	256QAM	25	12	17.03	17.06	17.01	17.04		
10	256QAM	25	25	16.94	17.09	17.11	16.95		
10	256QAM	50	0	16.95	17.05	16.97	16.92		
Channel				55265	55790	56115	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3637.5	3697.5		
5	QPSK	1	0	21.63	19.46	18.99	18.39	23	0
5	QPSK	1	12	21.48	21.47	21.32	21.03		
5	QPSK	1	24	21.53	19.21	18.74	18.43		
5	QPSK	12	0	20.65	20.51	20.44	20.07	22	1
5	QPSK	12	7	20.58	20.48	20.37	20.12		
5	QPSK	12	13	20.53	20.48	20.30	19.98		
5	QPSK	25	0	20.45	20.42	20.36	20.07		
5	16QAM	1	0	20.38	18.18	18.09	18.00	22	1
5	16QAM	1	12	20.36	20.36	20.30	20.27		
5	16QAM	1	24	19.04	17.82	17.71	17.58		
5	16QAM	12	0	19.57	19.56	19.43	19.51	21	2
5	16QAM	12	7	19.20	19.22	19.20	19.12		
5	16QAM	12	13	19.10	19.27	19.19	19.21		
5	16QAM	25	0	19.48	19.59	19.50	19.53		
5	64QAM	1	0	18.16	17.47	17.36	17.39	21	2
5	64QAM	1	12	19.48	19.56	19.53	19.60		
5	64QAM	1	24	17.94	17.32	17.23	17.11		
5	64QAM	12	0	18.45	18.61	18.50	18.51	20	3
5	64QAM	12	7	18.40	18.43	18.37	18.39		
5	64QAM	12	13	18.41	18.50	18.34	18.43		
5	64QAM	25	0	18.46	18.47	18.39	18.47		
5	256QAM	1	0	15.04	14.29	14.21	14.18	18	5
5	256QAM	1	12	17.55	17.21	17.13	17.12		
5	256QAM	1	24	14.97	14.10	14.01	14.04		
5	256QAM	12	0	16.96	17.11	17.08	17.01	18	5
5	256QAM	12	7	17.08	17.04	16.93	17.01		
5	256QAM	12	13	16.93	17.15	17.09	16.95		
5	256QAM	25	0	17.01	17.05	16.91	16.98		

	GSM1900 Ant2 Default							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.24	30.28	30.07	30.50	21.24	21.28	21.07	21.50
GPRS 1 Tx slot	30.27	30.30	30.09	30.50	21.27	21.30	21.09	21.50
GPRS 2 Tx slots	28.35	28.29	28.29	29.50	22.35	22.29	22.29	23.50
GPRS 3 Tx slots	26.82	26.82	26.79	28.00	22.56	22.56	22.53	23.74
GPRS 4 Tx slots	24.43	24.47	24.52	25.50	21.43	21.47	21.52	22.50
EDGE 1 Tx slot	25.79	25.74	25.81	26.50	16.79	16.74	16.81	17.50
EDGE 2 Tx slots	24.23	24.26	24.28	25.50	18.23	18.26	18.28	19.50
EDGE 3 Tx slots	23.05	23.12	23.07	24.00	18.79	18.86	18.81	19.74
EDGE 4 Tx slots	21.11	21.10	21.14	22.00	18.11	18.10	18.14	19.00

		WCDMA II Ant2 Default				WCDMA IV Ant2 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.09	23.08	23.07	24.00	22.93	22.85	22.85	24.00
3GPP Rel 99	RMC 12.2Kbps	23.07	23.13	22.98	24.00	22.92	22.97	22.84	24.00
3GPP Rel 6	HSDPA Subtest-1	21.98	22.00	22.01	23.00	22.04	22.02	21.92	23.00
3GPP Rel 6	HSDPA Subtest-2	22.01	22.22	22.02	23.00	22.11	22.15	21.91	23.00
3GPP Rel 6	HSDPA Subtest-3	21.72	21.80	21.63	22.50	21.76	21.81	21.54	22.50
3GPP Rel 6	HSDPA Subtest-4	21.67	21.72	21.54	22.50	21.51	21.68	21.49	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.08	22.21	21.92	23.00	22.09	22.24	21.95	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.13	22.34	22.10	23.00	22.01	22.21	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.38	21.71	21.50	22.50	21.39	21.62	21.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.66	21.54	21.54	22.50	21.74	21.47	21.45	22.50
3GPP Rel 6	HSUPA Subtest-1	21.92	22.21	22.05	23.00	21.96	22.21	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	19.91	20.06	20.14	21.00	20.09	20.19	20.19	21.00
3GPP Rel 6	HSUPA Subtest-3	21.12	21.19	20.93	22.00	21.22	21.14	20.93	22.00
3GPP Rel 6	HSUPA Subtest-4	19.94	20.20	19.96	21.00	20.05	20.06	20.05	21.00
3GPP Rel 6	HSUPA Subtest-5	22.03	21.99	21.93	23.00	21.99	22.04	21.99	23.00

Band 2 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.48	21.54	21.52	23	0
20	QPSK	1	49	21.47	21.45	21.43		
20	QPSK	1	99	21.37	21.52	21.38		
20	QPSK	50	0	21.45	21.51	21.49		
20	QPSK	50	24	21.36	21.40	21.47	23	0
20	QPSK	50	50	21.44	21.47	21.44		
20	QPSK	100	0	21.46	21.46	21.42		
20	16QAM	1	0	21.34	21.43	21.41		
20	16QAM	1	49	21.23	21.35	21.26	23	0
20	16QAM	1	99	21.37	21.39	21.27		
20	16QAM	50	0	20.75	20.91	20.85		
20	16QAM	50	24	20.86	20.77	20.85	22.5	0.5
20	16QAM	50	50	20.81	20.85	20.81		
20	16QAM	100	0	20.81	20.85	20.91		
20	64QAM	1	0	20.70	20.71	20.88		
20	64QAM	1	49	20.84	20.84	20.88	22.5	0.5
20	64QAM	1	99	20.88	20.87	20.77		
20	64QAM	50	0	19.81	19.75	19.87		
20	64QAM	50	24	19.82	19.76	19.82	21.5	1.5
20	64QAM	50	50	19.87	19.77	19.82		
20	64QAM	100	0	19.79	19.87	19.77		
20	256QAM	1	0	18.09	17.92	17.94		
20	256QAM	1	49	18.09	18.08	17.95	19.5	3.5
20	256QAM	1	99	18.07	17.96	18.07		
20	256QAM	50	0	17.98	17.93	17.93		
20	256QAM	50	24	18.06	18.08	18.08	19.5	3.5
20	256QAM	50	50	18.08	17.93	18.10		
20	256QAM	100	0	18.08	18.06	18.05		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.33	21.43	21.46		
15	QPSK	1	37	21.29	21.29	21.35	23	0
15	QPSK	1	74	21.33	21.50	21.24		
15	QPSK	36	0	21.29	21.48	21.37		
15	QPSK	36	20	21.33	21.29	21.36	23	0
15	QPSK	36	39	21.26	21.42	21.31		
15	QPSK	75	0	21.36	21.33	21.37		
15	16QAM	1	0	21.31	21.33	21.36		
15	16QAM	1	37	21.18	21.28	21.11	23	0
15	16QAM	1	74	21.34	21.22	21.25		
15	16QAM	36	0	20.63	20.78	20.69		
15	16QAM	36	20	20.84	20.73	20.83	22.5	0.5
15	16QAM	36	39	20.80	20.85	20.70		
15	16QAM	75	0	20.75	20.69	20.73		
15	64QAM	1	0	20.52	20.70	20.81		
15	64QAM	1	37	20.74	20.71	20.74	22.5	0.5
15	64QAM	1	74	20.75	20.85	20.75		
15	64QAM	36	0	19.69	19.74	19.86		
15	64QAM	36	20	19.71	19.76	19.70	21.5	1.5
15	64QAM	36	39	19.79	19.60	19.68		
15	64QAM	75	0	19.70	19.73	19.63		
15	256QAM	1	0	17.90	17.78	17.84		
15	256QAM	1	37	17.96	17.97	17.92	19.5	3.5
15	256QAM	1	74	17.88	17.91	18.04		
15	256QAM	36	0	17.83	17.73	17.77		
15	256QAM	36	20	17.88	18.02	17.97	19.5	3.5
15	256QAM	36	39	18.07	17.91	17.91		
15	256QAM	75	0	18.03	17.91	17.88		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.37	21.49	21.36		
10	QPSK	1	25	21.28	21.41	21.39	23	0
10	QPSK	1	49	21.26	21.40	21.22		
10	QPSK	25	0	21.40	21.43	21.47		
10	QPSK	25	12	21.22	21.24	21.46	23	0
10	QPSK	25	25	21.42	21.26	21.42		
10	QPSK	50	0	21.34	21.26	21.40		
10	16QAM	1	0	21.33	21.41	21.24		
10	16QAM	1	25	21.16	21.29	21.14	23	0
10	16QAM	1	49	21.19	21.25	21.25		
10	16QAM	25	0	20.60	20.82	20.73		
10	16QAM	25	12	20.69	20.62	20.70	22.5	0.5
10	16QAM	25	25	20.74	20.65	20.73		
10	16QAM	50	0	20.67	20.76	20.78		
10	64QAM	1	0	20.55	20.63	20.85		
10	64QAM	1	25	20.65	20.67	20.78	22.5	0.5
10	64QAM	1	49	20.84	20.71	20.73		
10	64QAM	25	0	19.83	19.67	19.88		
10	64QAM	25	12	19.78	19.67	19.68	21.5	1.5
10	64QAM	25	25	19.73	19.73	19.76		
10	64QAM	50	0	19.61	19.80	19.73		
10	256QAM	1	0	18.03	17.90	17.80		
10	256QAM	1	25	18.03	17.96	17.95	19.5	3.5
10	256QAM	1	49	17.94	17.78	18.01		
10	256QAM	25	0	17.96	17.90	17.87		
10	256QAM	25	12	17.92	17.96	17.92	19.5	3.5
10	256QAM	25	25	17.95	17.81	17.94		
10	256QAM	50	0	18.06	17.87	17.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.32	21.43	21.39		
5	QPSK	1	12	21.28	21.37	21.24	23	0
5	QPSK	1	24	21.41	21.39	21.31		
5	QPSK	12	0	21.27	21.33	21.46		
5	QPSK	12	7	21.20	21.35	21.29	23	0
5	QPSK	12	13	21.44	21.38	21.40		
5	QPSK	25	0	21.23	21.45	21.22		
5	16QAM	1	0	21.27	21.43	21.36		
5	16QAM	1	12	21.13	21.26	21.13	23	0
5	16QAM	1	24	21.27	21.25	21.15		
5	16QAM	12	0	20.67	20.89	20.78		
5	16QAM	12	7	20.69	20.58	20.66	22.5	0.5
5	16QAM	12	13	20.77	20.79	20.79		
5	16QAM	25	0	20.74	20.79	20.72		
5	64QAM	1	0	20.65	20.56	20.76		
5	64QAM	1	12	20.78	20.70	20.77	22.5	0.5
5	64QAM	1	24	20.73	20.69	20.73		
5	64QAM	12	0	19.66	19.58	19.81		
5	64QAM	12	7	19.65	19.57	19.77	21.5	1.5
5	64QAM	12	13	19.83	19.76	19.67		
5	64QAM	25	0	19.64	19.59	19.59		
5	256QAM	1	0	17.90	17.85	17.78		
5	256QAM	1	12	18.01	17.98	17.94	19.5	3.5
5	256QAM	1	24	17.98	17.86	17.95		
5	256QAM	12	0	17.94	17.93	17.91		
5	256QAM	12	7	17.90	18.07	18.06	19.5	3.5
5	256QAM	12	13	17.96	17.84	18.03		
5	256QAM	25	0	17.92	17.92	18.02		
Channel				18575	18900	19225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.39	21.43	21.50		
3	QPSK	1	8	21.44	21.31	21.28	23	0
3	QPSK	1	14	21.43	21.50	21.23		
3	QPSK	8	0	21.41	21.41	21.30		
3	QPSK	8	4	21.34	21.31	21.45	23	0
3	QPSK	8	7	21.29	21.45	21.24		
3	QPSK	15	0	21.36	21.34	21.35		
3	16QAM	1	0	21.30	21.23	21.24		
3	16QAM	1	8	21.09	21.26	21.22	23	0
3	16QAM	1	14	21.25	21.24	21.11		
3	16QAM	8	0	20.62	20.76	20.80		
3	16QAM	8	4	20.73	20.73	20.65	22.5	0.5
3	16QAM	8	7	20.74	20.77	20.63		
3	16QAM	15	0	20.69	20.74	20.81		
3	64QAM	1	0	20.59	20.62	20.80		
3	64QAM	1	8	20.65	20.67	20.78	22.5	0.5
3	64QAM	1	14	20.69	20.77	20.59		
3	64QAM	8	0	19.62	19.73	19.84		
3	64QAM	8	4	19.67	19.59	19.76	21.5	1.5
3	64QAM	8	7	19.62	19.76	19.69		
3	64QAM	15	0	19.62	19.76	19.63		
3	256QAM	1	0	17.97	17.75	17.79		
3	256QAM	1	8	18.05	17.94	17.93	19.5	3.5
3	256QAM	1	14	17.96	17.97	17.95		
3	256QAM	8	0	17.78	17.88	17.88		
3	256QAM	8	4	17.91	18.07	17.92	19.5	3.5
3	256QAM	8	7	17.96	17.91	17.95		
3	256QAM	15	0	17.96	17.76	17.87		
Channel				18667	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.32	21.44	21.46		
1.4	QPSK	1	3	21.30	21.52	21.43		
1.4	QPSK	1	5	21.43	21.44	21.39	23	0
1.4	QPSK	3	0	21.31	21.47	21.37		
1.4	QPSK	3	1	21.47	21.50	21.39		
1.4	QPSK	3	3	21.28	21.41	21.42		
1.4	QPSK	6	0	21.35	21.47	21.46	23	0
1.4	16QAM	1	0	21.31	21.36	21.46		
1.4	16QAM	1	3	21.37	21.39	21.33		
1.4	16QAM	1	5	21.35	21.36	21.42	23	0
1.4	16QAM	3	0	21.39	21.48	21.48		
1.4	16QAM	3	1	21.37	21.43	21.38		
1.4	16QAM	3	3	21.47	21.47	21.38		
1.4	16QAM	6	0	20.79	20.69	20.73	22.5	0.5
1.4	64QAM	1	0	20.78	20.66	20.72		
1.4	64QAM	1	3	20.73	20.59	20.65		
1.4	64QAM	1	5	20.77	20.58	20.74	22.5	0.5
1.4	64QAM	3	0	20.77	20.58	20.74		
1.4	64QAM	3	1	20.80	20.66	20.83		
1.4	64QAM	3	3	20.83	20.59	20.82		
1.4	64QAM	6	0	19.80	19.69	19.67	21.5	1.5
1.4	256QAM	1	0	18.73	18.71	18.69		
1.4	256QAM	1	3	18.55	18.58	18.64		
1.4	256QAM	1	5	18.57	18.57	18.73	19.5	3.5
1.4	256QAM	3	0	18.47	18.50	18.58		
1.4	256QAM	3	1	18.58	18.58	18.48		
1.4	256QAM	3	3	18.63	18.65	18.56		
1.4	256QAM	6	0	18.51	18.60	18.48	19.5	3.5

Band 4 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.40	21.43	21.41		
20	QPSK	1	49	21.40	21.31	21.27	23	0
20	QPSK	1	99	21.37	21.48	21.24		
20	QPSK	50	0	21.32	21.39	21.31		
20	QPSK	50	24	21.31	21.38	21.30	23	0
20	QPSK	50	50	21.35	21.32	21.29		
20	QPSK	100	0	21.37	21.36	21.28		
20	16QAM	1	0	21.17	21.39	21.22		
20	16QAM	1	49	21.21	21.17	21.21	23	0
20	16QAM	1	99	21.31	21.31	21.24		
20	16QAM	50	0	20.56	20.88	20.74		
20	16QAM	50	24	20.85	20.75	20.82	22.5	0.5
20	16QAM	50	50	20.81	20.72	20.77		
20	16QAM	100	0	20.64	20.66	20.83		
20	64QAM	1	0	20.68	20.62	20.73		
20	64QAM	1	49	20.83	20.80	20.80	22.5	0.5
20	64QAM	1	99	20.78	20.77	20.73		
20	64QAM	50	0	19.80	19.61	19.75		
20	64QAM	50	24	19.65	19.76	19.67	21.5	1.5
20	64QAM	50	50	19.85	19.70	19.63		
20	64QAM	100	0	19.67	19.83	19.69		
20	256QAM	1	0	18.09	17.87	17.83		
20	256QAM	1	49	18.07	17.98	17.81	19.5	3.5
20	256QAM	1	99	17.92	17.85	17.94		
20	256QAM	50	0	17.96	17.80	17.84		
20	256QAM	50	24	18.03	17.95	18.01	19.5	3.5
20	256QAM	50	50	18.00	17.91	18.03		
20	256QAM	100	0	18.07	17.91	18.03		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.29	21.42	21.36		
15	QPSK	1	37	21.38	21.24	21.23	23	0
15	QPSK	1	74	21.27	21.29	21.23		
15	QPSK	36	0	21.12	21.29	21.26		
15	QPSK	36	20	21.31	21.30	21.18	23	0
15	QPSK	36	39	21.25	21.25	21.14		
15	QPSK	75	0	21.25	21.32	21.08		
15	16QAM	1	0	21.12	21.22	21.15		
15	16QAM	1	37	21.14	21.10	21.13	23	0
15	16QAM	1	74	21.28	21.26	21.05		
15	16QAM	36	0	20.65	20.80	20.56		
15	16QAM	36	20	20.79	20.72	20.89	22.5	0.5
15	16QAM	36	39	20.79	20.65	20.61		
15	16QAM	75	0	20.61	20.63	20.72		
15	64QAM	1	0	20.55	20.72	20.65		
15	64QAM	1	37	20.74	20.72	20.85	22.5	0.5
15	64QAM	1	74	20.73	20.65	20.68		
15	64QAM	36	0	19.77	19.56	19.73		
15	64QAM	36	20	19.54	19.75	19.63	21.5	1.5
15	64QAM	36	39	19.79	19.67	19.60		
15	64QAM	75	0	19.64	19.67	19.57		
15	256QAM	1	0	17.89	17.76	17.65		
15	256QAM	1	37	18.06	17.81	17.72	19.5	3.5
15	256QAM	1	74	17.82	17.83	17.91		
15	256QAM	36	0	17.92	17.68	17.84		
15	256QAM	36	20	17.84	17.81	17.82	19.5	3.5
15	256QAM	36	39	17.96	17.81	18.01		
15	256QAM	75	0	17.93	17.84	17.96		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.23	21.26	21.28		
10	QPSK	1	25	21.28	21.13	21.24	23	0
10	QPSK	1	49	21.17	21.22	21.10		
10	QPSK	25	0	21.25	21.31	21.17		
10	QPSK	25	12	21.16	21.36	21.15	23	0
10	QPSK	25	25	21.17	21.22	21.19		
10	QPSK	50	0	21.22	21.22	21.16		
10	16QAM	1	0	21.13	21.21	21.07		
10	16QAM	1	25	21.05	21.07	21.04	23	0
10	16QAM	1	49	21.18	21.17	21.22		
10	16QAM	25	0	20.61	20.71	20.59		
10	16QAM	25	12	20.71	20.67	20.78	22.5	0.5
10	16QAM	25	25	20.76	20.57	20.67		
10	16QAM	50	0	20.62	20.57	20.66		
10	64QAM	1	0	20.54	20.67	20.62		
10	64QAM	1	25	20.81	20.77	20.62	22.5	0.5
10	64QAM	1	49	20.68	20.66	20.65		
10	64QAM	25	0	19.67	19.65	19.72		
10	64QAM	25	12	19.61	19.60	19.62	21.5	1.5
10	64QAM	25	25	19.67	19.53	19.51		
10	64QAM	50	0	19.59	19.73	19.51		
10	256QAM	1	0	17.98	17.71	17.74		
10	256QAM	1	25	17.99	17.96	17.73	19.5	3.5
10	256QAM	1	49	17.84	17.70	17.92		
10	256QAM	25	0	17.95	17.68	17.64		
10	256QAM	25	12	17.90	17.88	17.91	19.5	3.5
10	256QAM	25	25	17.81	17.74	18.04		
10	256QAM	50	0	18.03	17.74	17.83		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.32	21.40	21.24		
5	QPSK	1	12	21.39	21.27	21.14	23	0
5	QPSK	1	24	21.27	21.28	21.15		
5	QPSK	12	0	21.29	21.31	21.16		
5	QPSK	12	7	21.20	21.26	21.27	23	0
5	QPSK	12	13	21.30	21.26	21.21		
5	QPSK	25	0	21.23	21.17	21.26		
5	16QAM	1	0	21.00	21.24	21.17		
5	16QAM	1	12	21.01	21.07	21.18	23	0
5	16QAM	1	24	21.21	21.16	21.07		
5	16QAM	12	0	20.65	20.85	20.64		
5	16QAM	12	7	20.77	20.67	20.63	22.5	0.5
5	16QAM	12	13	20.67	20.61	20.69		
5	16QAM	25	0	20.54	20.50	20.82		
5	64QAM	1	0	20.66	20.58	20.56		
5	64QAM	1	12	20.72	20.77	20.64	22.5	0.5
5	64QAM	1	24	20.68	20.66	20.71		
5	64QAM	12	0	19.80	19.59	19.70		
5	64QAM	12	7	19.60	19.59	19.54	21.5	1.5
5	64QAM	12	13	19.82	19.65	19.63		
5	64QAM	25	0	19.53	19.72	19.53		
5	256QAM	1	0	18.05	17.96	17.81		
5	256QAM	1	12	18.02	17.90	17.79	19.5	3.5
5	256QAM	1	24	17.73	17.74	17.78		
5	256QAM	12	0	17.76	17.80	17.73		
5	256QAM	12	7	17.93	17.92	17.93	19.5	3.5
5	256QAM	12	13	17.99	17.86	17.98		
5	256QAM	25	0	17.95	17.76	17.88		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.24	21.34	21.40		
3	QPSK	1	8	21.30	21.30	21.18	23	0
3	QPSK	1	14	21.27	21.23	21.12		
3	QPSK	8	0	21.31	21.29	21.28		
3	QPSK	8	4	21.21	21.22	21.29	23	0
3	QPSK	8	7	21.23	21.15	21.09		
3	QPSK	15	0	21.25	21.16	21.20		
3	16QAM	1	0	21.09	21.26	21.14		
3	16QAM	1	8	21.07	21.07	21.03	23	0
3	16QAM	1	14	21.16	21.22	21.09		
3	16QAM	8	0	20.66	20.85	20.59		
3	16QAM	8	4	20.66	20.64	20.78	22.5	0.5
3	16QAM	8	7	20.63	20.64	20.60		
3	16QAM	15	0	20.61	20.57	20.67		
3	64QAM	1	0	20.67	20.73	20.63		
3	64QAM	1	8	20.80	20.66	20.68	22.5	0.5
3	64QAM	1	14	20.63	20.70	20.71		
3	64QAM	8	0	19.79	19.67	19.63		
3	64QAM	8	4	19.65	19.69	19.59	21.5	1.5
3	64QAM	8	7	19.66	19.62	19.64		
3	64QAM	15	0	19.52	19.76	19.62		
3	256QAM	1	0	17.95	17.69	17.76		
3	256QAM	1	8	17.97	17.94	17.78	19.5	3.5
3	256QAM	1	14	17.92	17.93	17.84		
3	256QAM	8	0	17.83	17.70	17.80		
3	256QAM	8	4	18.03	17.79	17.99	19.5	3.5
3	256QAM	8	7	17.83	17.78	18.02		
3	256QAM	15	0	17.89	17.79	17.98		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.22	21.35	21.33		
1.4	QPSK	1	3	21.24	21.42	21.35		
1.4	QPSK	1	5	21.36	21.42	21.37	23	0
1.4	QPSK	3	0	21.20	21.25	21.35		
1.4	QPSK	3	1	21.35	21.35	21.28		
1.4	QPSK	3	3	21.27	21.35	21.35		
1.4	QPSK	6	0	21.29	21.38	21.23	23	0
1.4	16QAM	1	0	21.25	21.28	21.30		
1.4	16QAM	1	3	21.33	21.40	21.34		
1.4	16QAM	1	5	21.28	21.30	21.33	23	0
1.4	16QAM	3	0	21.20	21.39	21.41		
1.4	16QAM	3	1	21.23	21.27	21.25		
1.4	16QAM	3	3	21.23	21.29	21.29		
1.4	16QAM	6	0	20.58	20.65	20.66	22.5	0.5
1.4	64QAM	1	0	20.67	20.66	20.66		
1.4	64QAM	1	3	20.62	20.68	20.58		
1.4	64QAM	1	5	20.68	20.52	20.75	22.5	0.5
1.4	64QAM	3	0	20.71	20.63	20.68		
1.4	64QAM	3	1	20.63	20.52	20.74		
1.4	64QAM	3	3	20.65	20.56	20.69		
1.4	64QAM	6	0	19.66	19.50	19.73	21.5	1.5
1.4	256QAM	1	0	18.60	18.55	18.45		
1.4	256QAM	1	3	18.50	18.56	18.45		
1.4	256QAM	1	5	18.55	18.57	18.46	19.5	3.5
1.4	256QAM	3	0	18.52	18.44	18.39		
1.4	256QAM	3	1	18.51	18.50	18.42		
1.4	256QAM	3	3	18.48	18.39	18.55		
1.4	256QAM	6	0	18.49	18.37	18.39	19.5	3.5

Band 7 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.43	21.58	21.55		
20	QPSK	1	49	21.47	21.35	21.30	23	0
20	QPSK	1	99	21.56	21.58	21.40		
20	QPSK	50	0	21.40	21.52	21.46		
20	QPSK	50	24	21.50	21.44	21.34	23	0
20	QPSK	50	50	21.47	21.48	21.44		
20	QPSK	100	0	21.36	21.46	21.44		
20	16QAM	1	0	21.18	21.49	21.25		
20	16QAM	1	49	21.

Band 66 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.40	21.53	21.49		
20	QPSK	1	49	21.42	21.27	21.18	23	0
20	QPSK	1	99	21.37	21.46	21.16		
20	QPSK	50	0	21.24	21.46	21.35		
20	QPSK	50	24	21.22	21.38	21.28	23	0
20	QPSK	50	50	21.38	21.34	21.37		
20	QPSK	100	0	21.33	21.43	21.31		
20	16QAM	1	0	21.07	21.40	21.31		
20	16QAM	1	49	21.16	21.16	21.24	23	0
20	16QAM	1	99	21.36	21.21	21.25		
20	16QAM	50	0	20.56	20.89	20.78		
20	16QAM	50	24	20.84	20.65	20.77	22.5	0.5
20	16QAM	50	50	20.88	20.78	20.75		
20	16QAM	100	0	20.69	20.63	20.76		
20	64QAM	1	0	20.59	20.63	20.78		
20	64QAM	1	49	20.86	20.73	20.90	22.5	0.5
20	64QAM	1	99	20.70	20.82	20.74		
20	64QAM	50	0	19.82	19.55	19.69		
20	64QAM	50	24	19.71	19.68	19.60	21.5	1.5
20	64QAM	50	50	19.91	19.79	19.67		
20	64QAM	100	0	19.62	19.77	19.77		
20	256QAM	1	0	18.10	17.80	17.80		
20	256QAM	1	49	18.01	17.99	17.77	19.5	3.5
20	256QAM	1	99	17.83	17.86	17.94		
20	256QAM	50	0	18.06	17.75	17.84		
20	256QAM	50	24	17.93	17.88	17.93	19.5	3.5
20	256QAM	50	50	17.94	17.82	18.00		
20	256QAM	100	0	18.00	17.86	17.97		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.31	21.38	21.42		
15	QPSK	1	37	21.36	21.41	21.23	23	0
15	QPSK	1	74	21.28	21.47	21.26		
15	QPSK	36	0	21.39	21.36	21.38		
15	QPSK	36	20	21.39	21.41	21.32	23	0
15	QPSK	36	39	21.35	21.32	21.27		
15	QPSK	75	0	21.26	21.44	21.33		
15	16QAM	1	0	21.15	21.36	21.13		
15	16QAM	1	37	21.31	21.20	21.16	23	0
15	16QAM	1	74	21.30	21.39	21.32		
15	16QAM	36	0	20.59	20.91	20.76		
15	16QAM	36	20	20.88	20.73	20.88	22.5	0.5
15	16QAM	36	39	20.76	20.69	20.74		
15	16QAM	75	0	20.71	20.59	20.84		
15	64QAM	1	0	20.77	20.71	20.77		
15	64QAM	1	37	20.79	20.89	20.89	22.5	0.5
15	64QAM	1	74	20.76	20.77	20.72		
15	64QAM	36	0	19.81	19.62	19.66		
15	64QAM	36	20	19.57	19.70	19.76	21.5	1.5
15	64QAM	36	39	19.94	19.79	19.71		
15	64QAM	75	0	19.60	19.82	19.71		
15	256QAM	1	0	18.19	17.95	17.81		
15	256QAM	1	37	18.14	17.91	17.71	19.5	3.5
15	256QAM	1	74	17.84	17.88	17.91		
15	256QAM	36	0	17.94	17.72	17.77		
15	256QAM	36	20	18.02	18.02	18.11	19.5	3.5
15	256QAM	36	39	18.05	17.84	18.18		
15	256QAM	75	0	18.09	17.87	18.09		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.34	21.42	21.35		
10	QPSK	1	25	21.46	21.31	21.32	23	0
10	QPSK	1	49	21.33	21.33	21.24		
10	QPSK	25	0	21.42	21.34	21.33		
10	QPSK	25	12	21.36	21.39	21.25	23	0
10	QPSK	25	25	21.33	21.36	21.37		
10	QPSK	50	0	21.34	21.36	21.30		
10	16QAM	1	0	21.22	21.42	21.25		
10	16QAM	1	25	21.30	21.20	21.17	23	0
10	16QAM	1	49	21.32	21.28	21.21		
10	16QAM	25	0	20.60	20.81	20.84		
10	16QAM	25	12	20.83	20.84	20.76	22.5	0.5
10	16QAM	25	25	20.84	20.63	20.76		
10	16QAM	50	0	20.59	20.59	20.76		
10	64QAM	1	0	20.62	20.62	20.71		
10	64QAM	1	25	20.91	20.85	20.70	22.5	0.5
10	64QAM	1	49	20.74	20.76	20.69		
10	64QAM	25	0	19.85	19.57	19.80		
10	64QAM	25	12	19.62	19.77	19.59	21.5	1.5
10	64QAM	25	25	19.80	19.69	19.58		
10	64QAM	50	0	19.76	19.77	19.68		
10	256QAM	1	0	18.07	17.78	17.81		
10	256QAM	1	25	18.09	17.96	17.79	19.5	3.5
10	256QAM	1	49	17.91	17.89	17.97		
10	256QAM	25	0	18.00	17.85	17.81		
10	256QAM	25	12	18.04	17.90	17.92	19.5	3.5
10	256QAM	25	25	17.95	17.84	17.99		
10	256QAM	50	0	18.02	17.96	18.02		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.41	21.37	21.41		
5	QPSK	1	12	21.33	21.36	21.29	23	0
5	QPSK	1	24	21.40	21.49	21.17		
5	QPSK	12	0	21.28	21.34	21.37		
5	QPSK	12	7	21.28	21.47	21.39	23	0
5	QPSK	12	13	21.36	21.24	21.28		
5	QPSK	25	0	21.28	21.36	21.24		
5	16QAM	1	0	21.21	21.30	21.31		
5	16QAM	1	12	21.14	21.07	21.26	23	0
5	16QAM	1	24	21.26	21.35	21.30		
5	16QAM	12	0	20.53	20.95	20.80		
5	16QAM	12	7	20.76	20.82	20.76	22.5	0.5
5	16QAM	12	13	20.72	20.73	20.78		
5	16QAM	25	0	20.69	20.66	20.89		
5	64QAM	1	0	20.75	20.71	20.71		
5	64QAM	1	12	20.90	20.71	20.79	22.5	0.5
5	64QAM	1	24	20.84	20.69	20.80		
5	64QAM	12	0	19.80	19.57	19.75		
5	64QAM	12	7	19.68	19.80	19.74	21.5	1.5
5	64QAM	12	13	19.75	19.79	19.71		
5	64QAM	25	0	19.69	19.74	19.59		
5	256QAM	1	0	18.03	17.78	17.89		
5	256QAM	1	12	18.09	18.04	17.85	19.5	3.5
5	256QAM	1	24	17.83	17.88	17.97		
5	256QAM	12	0	18.02	17.72	17.93		
5	256QAM	12	7	17.98	17.92	18.08	19.5	3.5
5	256QAM	12	13	18.01	17.82	18.19		
5	256QAM	25	0	18.09	17.84	18.12		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.40	21.41	21.44		
3	QPSK	1	8	21.40	21.28	21.31	23	0
3	QPSK	1	14	21.37	21.41	21.17		
3	QPSK	8	0	21.38	21.30	21.34		
3	QPSK	8	4	21.36	21.43	21.33	23	0
3	QPSK	8	7	21.25	21.23	21.34		
3	QPSK	15	0	21.39	21.40	21.26		
3	16QAM	1	0	21.15	21.39	21.28		
3	16QAM	1	8	21.14	21.13	21.27	23	0
3	16QAM	1	14	21.36	21.30	21.26		
3	16QAM	8	0	20.89	20.91	20.72		
3	16QAM	8	4	20.89	20.72	20.81	22.5	0.5
3	16QAM	8	7	20.88	20.73	20.81		
3	16QAM	15	0	20.55	20.66	20.89		
3	64QAM	1	0	20.67	20.55	20.65		
3	64QAM	1	8	20.81	20.83	20.84	22.5	0.5
3	64QAM	1	14	20.83	20.67	20.76		
3	64QAM	8	0	19.78	19.58	19.67		
3	64QAM	8	4	19.62	19.74	19.67	21.5	1.5
3	64QAM	8	7	19.95	19.71	19.59		
3	64QAM	15	0	19.64	19.77	19.73		
3	256QAM	1	0	18.08	17.88	17.89		
3	256QAM	1	8	18.14	17.97	17.75	19.5	3.5
3	256QAM	1	14	17.97	17.76	18.02		
3	256QAM	8	0	17.99	17.72	17.85		
3	256QAM	8	4	17.94	18.05	18.09	19.5	3.5
3	256QAM	8	7	17.97	17.92	18.03		
3	256QAM	15	0	18.13	17.93	17.94		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.29	21.40	21.35		
1.4	QPSK	1	3	21.35	21.37	21.50		
1.4	QPSK	1	5	21.29	21.45	21.41	23	0
1.4	QPSK	3	0	21.40	21.47	21.39		
1.4	QPSK	3	1	21.32	21.52	21.48		
1.4	QPSK	3	3	21.40	21.46	21.43		
1.4	QPSK	6	0	21.47	21.51	21.44	23	0
1.4	16QAM	1	0	21.45	21.49	21.42		
1.4	16QAM	1	3	21.31	21.51	21.33		
1.4	16QAM	1	5	21.32	21.33	21.33	23	0
1.4	16QAM	3	0	21.47	21.40	21.33		
1.4	16QAM	3	1	21.39	21.42	21.51		
1.4	16QAM	3	3	21.32	21.38	21.49		
1.4	16QAM	6	0	20.79	20.74	20.84	22.5	0.5
1.4	64QAM	1	0	20.68	20.76	20.67		
1.4	64QAM	1	3	20.73	20.63	20.78		
1.4	64QAM	1	5	20.73	20.76	20.79	22.5	0.5
1.4	64QAM	3	0	20.73	20.68	20.81		
1.4	64QAM	3	1	20.83	20.62	20.76		
1.4	64QAM	3	3	20.76	20.57	20.84		
1.4	64QAM	6	0	19.67	19.58	19.67	21.5	1.5
1.4	256QAM	1	0	18.65	18.73	18.72		
1.4	256QAM	1	3	18.63	18.64	18.66		
1.4	256QAM	1	5	18.57	18.56	18.57	19.5	3.5
1.4	256QAM	3	0	18.63	18.59	18.58		
1.4	256QAM	3	1	18.61	18.48	18.56		
1.4	256QAM	3	3	18.54	18.62	18.60		
1.4	256QAM	6	0	18.61	18.50	18.63	19.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.88	21.92	21.82		
20	QPSK	1	49	21.79	21.74	21.70	23	0
20	QPSK	1	99	21.75	21.72	21.69		
20	QPSK	50	0	21.78	21.89	21.81		
20	QPSK	50	24	21.68	21.69	21.65	23	0
20	QPSK	50	50	21.85	21.73	21.63		
20	QPSK	100	0	21.70	21.76	21.60		
20	16QAM	1	0	21.51	21.81	21.53		
20	16QAM	1	49	21.51	21.63	21.57	23	0
20	16QAM	1	99	21.67	21.73	21.61		
20	16QAM	50	0	21.05	21.21	21.23		
20	16QAM	50	24	21.32	21.21	21.16	22.5	0.5
20	16QAM	50	50	21.25	21.15	21.15		
20	16QAM	100	0	21.12	21.07	21.23		
20	64QAM	1	0	21.05	20.92	21.10		
20	64QAM	1	49	21.33	21.14	21.28	22.5	0.5
20	64QAM	1	99	21.18	21.23	21.15		
20	64QAM	50	0	20.21	19.94	20.13		
20	64QAM	50	24	20.01	20.23	20.02	21.5	1.5
20	64QAM	50	50	20.30	20.01	20.05		
20	64QAM	100	0	20.03	20.15	20.18		
20	256QAM	1	0	18.48	18.30	18.29		
20	256QAM	1	49	18.45	18.33	18.15	19.5	3.5
20	256QAM	1	99	18.24	18.16	18.28		
20	256QAM	50	0	18.40	18.27	18.30		
20	256QAM	50	24	18.50	18.25	18.45	19.5	3.5
20	256QAM	50	50	18.50	18.40	18.54		
20	256QAM	100	0	18.49	18.36	18.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.71	21.79	21.81		
15	QPSK	1	37	21.76	21.70	21.65	23	0
15	QPSK	1	74	21.67	21.87	21.67		
15	QPSK	36	0	21.71	21.71	21.75		
15	QPSK	36	20	21.77	21.81	21.64	23	0
15	QPSK	36	39	21.68	21.78	21.67		
15	QPSK	75	0	21.77	21.72	21.72		
15	16QAM	1	0	21.65	21.82	21.60		
15	16QAM	1	37	21.52	21.65	21.64	23	0
15	16QAM	1	74	21.75	21.62	21.65		
15	16QAM	36	0	20.91	21.30	21.22		
15	16QAM	36	20	21.27	21.18	21.22	22.5	0.5
15	16QAM	36	39	21.30	21.12	21.24		
15	16QAM	75	0	20.96	21.11	21.24		
15	64QAM	1	0	21.15	21.02	21.06		
15	64QAM	1	37	21.20	21.29	21.23	22.5	0.5
15	64QAM	1	74	21.21	21.14	21.15		
15	64QAM	36	0	20.17	19.97	20.24		
15	64QAM	36	20	19.98	20.21	20.08	21.5	1.5
15	64QAM	36	39	20.33	20.10	20.12		
15	64QAM	75	0	20.11	20.29	20.05		
15	256QAM	1	0	18.53	18.27	18.18		
15	256QAM	1	37	18.56	18.36	18.26	19.5	3.5
15	256QAM	1	74	18.32	18.19	18.34		
15	256QAM	36	0	18.43	18.25	18.15		
15	256QAM	36	20	18.50	18.38	18.35	19.5	3.5
15	256QAM	36	39	18.46	18.25	18.56		
15	256QAM	75	0	18.49	18.22	18.52		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2570	2595	2615		
10	QPSK	1	0	21.90	21.91	21.89		
10	QPSK	1	25	21.86	21.63	21.70	23	0
10	QPSK	1	49	21.82	21.72	21.55		
10	QPSK	25	0	21.73	21.83	21.75		
10	QPSK	25	12	21.66	21.69	21.61	23	0
10	QPSK	25	25	21.71	21.63	21.60		
10	QPSK	50	0	21.63	21.75	21.70		
10	16QAM	1	0	21.52	21.73	21.54		
10	16QAM	1	25	21.63	21.59	21.66	23	0
10	16QAM	1	49	21.81	21.62	21.70		
10	16QAM	25	0	20.91	21.19	21.13		
10	16QAM	25	12	21.15	21.20	21.12	22.5	0.5
10	16QAM	25	25	21.21	21.10	21.07		
10	16QAM	50	0	20.94	20.99	21.25		
10	64QAM	1	0	21.14	20.99	21.10		
10	64QAM	1	25	21.29	21.16	21.22	22.5	0.5
10	64QAM	1	49	21.15	21.19	21.14		
10	64QAM	25	0	20.14	20.10	20.06		
10	64QAM	25	12	20.01	20.19	20.01	21.5	1.5
10	64QAM	25	25	20.28	20.07	20.08		
10	64QAM	50	0	19.97	20.21	20.17		
10	256QAM	1	0	18.55	18.29	18.25		
10	256QAM	1	25	18.54	18.43	18.22	19.5	3.5
10	256QAM	1	49	18.41	18.17	18.24		
10	256QAM	25	0	18.40	18.29	18.33		
10	256QAM	25	12	18.35	18.41	18.32	19.5	3.5
10	256QAM	25	25	18.43	18.32	18.41		
10	256QAM	50	0	18.52	18.36	18.33		
Channel				37750	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.90	21.87	21.89		
5	QPSK	1	12	21.75	21.71	21.72	23	0
5	QPSK	1	24	21.80	21.83	21.68		
5	QPSK	12	0	21.63	21.71	21.80		
5	QPSK	12	7	21.61	21.85	21.67	23	0
5	QPSK	12	13	21.75	21.73	21.60		
5	QPSK	25	0	21.69	21.66	21.75		
5	16QAM	1	0	21.58	21.71	21.62		
5	16QAM	1	12	21.68	21.55	21.61	23	0
5	16QAM	1	24	21.71	21.67	21.72		
5	16QAM	12	0	20.95	21.25	21.17		
5	16QAM	12	7	21.30	21.08	21.20	22.5	0.5
5	16QAM	12	13	21.28	21.08	21.15		
5	16QAM	25	0	21.07	21.00	21.16		
5	64QAM	1	0	21.06	21.12	21.20		
5	64QAM	1	12	21.28	21.10	21.16	22.5	0.5
5	64QAM	1	24	21.11	21.12	21.14		
5	64QAM	12	0	20.12	20.01	20.19		
5	64QAM	12	7	20.02	20.10	20.13	21.5	1.5
5	64QAM	12	13	20.19	20.04	19.96		
5	64QAM	25	0	20.10	20.16	20.01		
5	256QAM	1	0	18.41	18.20	18.33		
5	256QAM	1	12	18.56	18.43	18.18	19.5	3.5
5	256QAM	1	24	18.30	18.32	18.37		
5	256QAM	12	0	18.42	18.27	18.30		
5	256QAM	12	7	18.41	18.39	18.40	19.5	3.5
5	256QAM	12	13	18.42	18.26	18.42		
5	256QAM	25	0	18.42	18.22	18.44		

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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	21.76	21.86	21.89	21.82	21.80		
20	QPSK	1	49	21.72	21.63	21.76	21.77	21.66	23	0
20	QPSK	1	99	21.83	21.86	21.73	21.60	21.73		
20	QPSK	50	0	21.77	21.76	21.86	21.79	21.70		
20	QPSK	50	24	21.79	21.66	21.78	21.65	21.70	23	0
20	QPSK	50	50	21.73	21.74	21.70	21.73	21.75		
20	QPSK	100	0	21.66	21.66	21.79	21.69	21.68		
20	16QAM	1	0	21.67	21.81	21.67	21.59	21.68		
20	16QAM	1	49	21.51	21.64	21.52	21.56	21.59	23	0
20	16QAM	1	99	21.70	21.70	21.57	21.64	21.59		
20	16QAM	50	0	20.89	21.18	21.13	21.05	21.22		
20	16QAM	50	24	21.15	21.06	21.25	21.22	21.14	22.5	0.5
20	16QAM	50	50	21.17	21.08	21.22	21.19	21.15		
20	16QAM	100	0	21.08	21.03	21.16	21.20	21.19		
20	64QAM	1	0	21.12	21.06	21.22	21.15	21.20		
20	64QAM	1	49	21.27	21.12	21.30	21.29	21.16	22.5	0.5
20	64QAM	1	99	21.24	21.20	21.03	21.05	21.06		
20	64QAM	50	0	20.28	20.07	20.21	20.18	20.12		
20	64QAM	50	24	20.00	20.13	19.97	20.07	20.07	21.5	1.5
20	64QAM	50	50	20.15	20.10	20.12	20.09	20.12		
20	64QAM	100	0	20.15	20.16	20.03	19.99	20.00		
20	256QAM	1	0	18.47	18.34	18.22	18.14	18.14		
20	256QAM	1	49	18.46	18.42	18.18	18.19	18.26	19.5	3.5
20	256QAM	1	99	18.32	18.29	18.31	18.31	18.32		
20	256QAM	50	0	18.46	18.14	18.17	18.27	18.28		
20	256QAM	50	24	18.35	18.45	18.46	18.33	18.34	19.5	3.5
20	256QAM	50	50	18.40	18.41	18.52	18.40	18.54		
20	256QAM	100	0	18.46	18.34	18.52	18.46	18.49		
Channel				39725	40172	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.65	21.81	21.76	21.75	21.78		
15	QPSK	1	37	21.74	21.68	21.62	21.59	21.59	23	0
15	QPSK	1	74	21.66	21.71	21.52	21.51	21.64		
15	QPSK	36	0	21.68	21.77	21.72	21.68	21.61		
15	QPSK	36	20	21.60	21.83	21.66	21.57	21.62	23	0
15	QPSK	36	39	21.63	21.66	21.71	21.73	21.54		
15	QPSK	75	0	21.60	21.78	21.68	21.56	21.69		
15	16QAM	1	0	21.50	21.77	21.60	21.62	21.47		
15	16QAM	1	37	21.54	21.54	21.60	21.63	21.50	23	0
15	16QAM	1	74	21.61	21.62	21.62	21.67	21.51		
15	16QAM	36	0	20.83	21.25	20.99	21.16	21.00		
15	16QAM	36	20	21.21	21.18	21.08	21.14	21.16	22.5	0.5
15	16QAM	36	39	21.25	21.06	21.19	21.07	21.04		
15	16QAM	75	0	20.97	21.03	21.23	21.21	21.10		
15	64QAM	1	0	21.03	21.01	21.01	21.15	21.17		
15	64QAM	1	37	21.11	21.09	21.09	21.20	21.16	22.5	0.5
15	64QAM	1	74	21.12	21.03	21.10	21.02	21.16		
15	64QAM	36	0	20.10	19.94	20.12	20.20	20.16		
15	64QAM	36	20	20.07	20.09	20.07	20.03	20.00	21.5	1.5
15	64QAM	36	39	20.28	20.14	20.02	19.94	20.02		
15	64QAM	75	0	19.95	20.15	19.98	20.13	19.97		
15	256QAM	1	0	18.39	18.21	18.20	18.25	18.17		
15	256QAM	1	37	18.41	18.40	18.12	18.25	18.23	19.5	3.5
15	256QAM	1	74	18.30	18.15	18.27	18.19	18.26		
15	256QAM	36	0	18.32	18.20	18.26	18.22	18.17		
15	256QAM	36	20	18.32	18.36	18.42	18.41	18.34	19.5	3.5
15	256QAM	36	39	18.39	18.35	18.44	18.36	18.40		
15	256QAM	75	0	18.37	18.18	18.41	18.48	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	21.68	21.72	21.73	21.70	21.76		
10	QPSK	1	25	21.80	21.58	21.71	21.62	21.62	23	0
10	QPSK	1	49	21.64	21.79	21.55	21.61	21.65		
10	QPSK	25	0	21.73	21.74	21.58	21.61	21.70		
10	QPSK	25	12	21.62	21.73	21.59	21.61	21.73	23	0
10	QPSK	25	25	21.72	21.61	21.65	21.69	21.69		
10	QPSK	50	0	21.71	21.63	21.73	21.53	21.54		
10	16QAM	1	0	21.50	21.76	21.49	21.57	21.65		
10	16QAM	1	25	21.48	21.60	21.47	21.50	21.64	23	0
10	16QAM	1	49	21.71	21.64	21.68	21.65	21.52		
10	16QAM	25	0	20.97	21.30	21.12	21.03	21.14		
10	16QAM	25	12	21.12	21.02	21.15	21.24	21.11	22.5	0.5
10	16QAM	25	25	21.11	21.05	21.17	21.04	21.06		
10	16QAM	50	0	20.90	20.92	21.25	21.13	21.12		
10	64QAM	1	0	21.12	20.96	21.11	21.17	21.08		
10	64QAM	1	25	21.21	21.10	21.15	21.20	21.13	22.5	0.5
10	64QAM	1	49	21.15	21.04	21.03	21.00	21.08		
10	64QAM	25	0	20.11	19.95	20.12	20.19	20.20		
10	64QAM	25	12	19.98	20.19	20.02	20.08	19.99	21.5	1.5
10	64QAM	25	25	20.15	20.07	19.89	19.92	20.02		
10	64QAM	50	0	20.11	20.27	19.96	20.08	20.11		
10	256QAM	1	0	18.35	18.15	18.19	18.10	18.19		
10	256QAM	1	25	18.34	18.36	18.11	18.16	18.08	19.5	3.5
10	256QAM	1	49	18.30	18.28	18.27	18.32	18.23		
10	256QAM	25	0	18.28	18.11	18.11	18.28	18.16		
10	256QAM	25	12	18.47	18.34	18.41	18.44	18.41	19.5	3.5
10	256QAM	25	25	18.28	18.21	18.45	18.53	18.46		
10	256QAM	50	0	18.40	18.22	18.44	18.31	18.37		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.82	21.82	21.84	21.79	21.85		
5	QPSK	1	12	21.84	21.69	21.64	21.58	21.66	23	0
5	QPSK	1	24	21.80	21.84	21.60	21.53	21.65		
5	QPSK	12	0	21.68	21.75	21.65	21.60	21.71		
5	QPSK	12	7	21.64	21.86	21.62	21.63	21.55	23	0
5	QPSK	12	13	21.66	21.59	21.72	21.59	21.55		
5	QPSK	25	0	21.68	21.73	21.62	21.66	21.71		
5	16QAM	1	0	21.46	21.68	21.60	21.57	21.56		
5	16QAM	1	12	21.54	21.56	21.65	21.47	21.62	23	0
5	16QAM	1	24	21.67	21.68	21.59	21.58	21.53		
5	16QAM	12	0	20.81	21.15	21.12	21.17	21.13		
5	16QAM	12	7	21.24	21.07	21.14	21.26	21.17	22.5	0.5
5	16QAM	12	13	21.14	21.15	21.21	21.04	21.21		
5	16QAM	25	0	20.95	20.96	21.17	21.16	21.12		
5	64QAM	1	0	21.03	20.88	20.99	21.13	21.11		
5	64QAM	1	12	21.12	21.24	21.16	21.16	21.13	22.5	0.5
5	64QAM	1	24	21.23	21.05	20.99	21.16	21.07		
5	64QAM	12	0	20.22	20.03	20.17	20.13	20.04		
5	64QAM	12	7	20.08	20.08	20.05	20.04	20.06	21.5	1.5
5	64QAM	12	13	20.11	20.10	20.06	19.91	19.91		
5	64QAM	25	0	20.00	20.13	20.10	20.07	20.06		
5	256QAM	1	0	18.40	18.13	18.17	18.18	18.24		
5	256QAM	1	12	18.41	18.32	18.23	18.12	18.16	19.5	3.5
5	256QAM	1	24	18.23	18.28	18.31	18.21	18.20		
5	256QAM	12	0	18.26	18.07	18.11	18.19	18.26		
5	256QAM	12	7	18.45	18.38	18.34	18.27	18.45	19.5	3.5
5	256QAM	12	13	18.28	18.19	18.39	18.52	18.42		
5	256QAM	25	0	18.46	18.17	18.42	18.42	18.45		

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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	23.14	23.25	23.38	23.31	23.34		
20	QPSK	1	49	23.09	23.13	23.28	23.13	23.26	24	0
20	QPSK	1	99	23.13	23.22	23.20	23.28	23.22		
20	QPSK	50	0	23.09	23.17	23.35	23.23	23.31		
20	QPSK	50	24	23.11	23.08	23.26	23.27	23.20	24	0
20	QPSK	50	50	23.03	23.07	23.21	23.28	23.29		
20	QPSK	100	0	23.02	23.13	23.31	23.19	23.25		
20	16QAM	1	0	22.96	23.23	23.36	23.20	23.15		
20	16QAM	1	49	23.01	23.22	23.24	23.12	23.14	24	0
20	16QAM	1	99	23.09	23.18	23.20	23.16	23.17		
20	16QAM	50	0	22.95	23.22	23.31	23.18	23.27		
20	16QAM	50	24	23.05	23.07	23.25	23.19	23.24	24	0
20	16QAM	50	50	23.02	23.16	23.23	23.30	23.25		
20	16QAM	100	0	23.12	23.15	23.28	23.18	23.17		
20	64QAM	1	0	22.98	23.23	23.31	23.14	23.25		
20	64QAM	1	49	23.05	23.05	23.28	23.29	23.30	24	0
20	64QAM	1	99	22.95	23.24	23.29	23.30	23.18		
20	64QAM	50	0	23.00	23.15	23.33	23.15	23.27		
20	64QAM	50	24	23.01	23.09	23.20	23.30	23.25	24	0
20	64QAM	50	50	23.10	23.18	23.30	23.28	23.19		
20	64QAM	100	0	23.12	23.09	23.24	23.27	23.20		
20	256QAM	1	0	21.31	21.36	21.45	21.41	21.38		
20	256QAM	1	49	21.34	21.47	21.48	21.43	21.48	22	2
20	256QAM	1	99	21.36	21.32	21.41	21.39	21.35		
20	256QAM	50	0	21.32	21.41	21.33	21.48	21.36		
20	256QAM	50	24	21.41	21.45	21.30	21.39	21.33	22	2
20	256QAM	50	50	21.32	21.47	21.41	21.36	21.30		
20	256QAM	100	0	21.38	21.35	21.47	21.44	21.32		
Channel				39725	40172	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.02	23.06	23.29	23.18	23.20		
15	QPSK	1	37	23.02	23.07	23.19	22.96	23.19	24	0
15	QPSK	1	74	23.05	23.20	23.11	23.12	23.14		
15	QPSK	36	0	22.90	23.09	23.33	23.09	23.16		
15	QPSK	36	20	22.94	23.01	23.20	23.18	23.15	24	0
15	QPSK	36	39	22.84	22.92	23.05	23.13	23.27		
15	QPSK	75	0	22.87	23.04	23.30	23.03	23.22		
15	16QAM	1	0	22.90	23.07	23.29	23.19	23.11		
15	16QAM	1	37	22.86	23.02	23.09	22.93	23.11	24	0
15	16QAM	1	74	23.00	23.10	23.10	23.05	23.10		
15	16QAM	36	0	22.86	23.20	23.26	23.09	23.14		
15	16QAM	36	20	22.96	23.03	23.17	23.11	23.08	24	0
15	16QAM	36	39	22.95	23.15	23.10	23.16	23.08		
15	16QAM	75	0	22.96	23.00	23.16	23.13	23.00		
15	64QAM	1	0	22.96	23.07	23.14	23.11	23.12		
15	64QAM	1	37	23.02	23.03	23.23	23.26	23.10	24	0
15	64QAM	1	74	22.88	23.15	23.18	23.22	23.13		
15	64QAM	36	0	22.90	23.02	23.27	22.96	23.18		
15	64QAM	36	20	22.91	22.91	23.12	23.24	23.14	24	0
15	64QAM	36	39	23.04	23.02	23.17	23.11	23.11		
15	64QAM	75	0	23.01	22.95	23.05	23.19	23.12		
15	256QAM	1	0	21.17	21.17	21.42	21.28	21.24		
15	256QAM	1	37	21.28	21.36	21.40	21.33	21.35	22	2
15	256QAM	1	74	21.28	21.18	21.34	21.28	21.18		
15	256QAM	36	0	21.27	21.36	21.27	21.48	21.17		
15	256QAM	36	20	21.40	21.27	21.11	21.34	21.25	22	2
15	256QAM	36	39	21.28	21.28	21.23	21.22	21.19		
15	256QAM	75	0	21.29	21.23	21.38	21.32	21.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.95	23.13	23.33	23.12	23.19		
10	QPSK	1	25	22.90	23.04	23.16	23.04	23.22	24	0
10	QPSK	1	49	23.01	23.06	23.10	23.17	23.06		
10	QPSK	25	0	23.03	23.15	23.18	23.15	23.13		
10	QPSK	25	12	23.00	23.08	23.25	23.18	23.12	24	0
10	QPSK	25	25	22.97	23.05	23.12	23.22	23.27		
10	QPSK	50	0	22.90	23.01	23.26	23.02	23.21		
10	16QAM	1	0	22.88	23.21	23.20	23.00	23.07		
10	16QAM	1	25	22.93	23.11	23.12	22.97	22.99	24	0
10	16QAM	1	49	23.03	23.07	23.16	23.00	23.14		
10	16QAM	25	0	22.77	23.20	22.97	23.00	22.97		
10	16QAM	25	12	22.93	22.97	23.11	22.99	23.22	24	0
10	16QAM	25	25	22.87	23.00	23.21	23.15	23.15		
10	16QAM	50	0	23.05	23.11	23.27	23.09	23.02		
10	64QAM	1	0	22.82	23.04	23.14	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.26	22.34	22.20		
20	QPSK	1	49	22.22	22.26	22.16	24	0
20	QPSK	1	99	22.07	22.21	22.13		
20	QPSK	50	0	21.33	21.36	21.27		
20	QPSK	50	24	21.27	21.30	21.21	23	1
20	QPSK	50	50	21.20	21.25	21.19		
20	QPSK	100	0	21.19	21.31	21.27		
20	16QAM	1	0	21.13	21.23	21.19		
20	16QAM	1	49	21.12	21.17	21.06	23	1
20	16QAM	1	99	21.00	21.13	21.02		
20	16QAM	50	0	20.27	20.39	20.26		
20	16QAM	50	24	20.22	20.31	20.19	22	2
20	16QAM	50	50	20.27	20.35	20.22		
20	16QAM	100	0	20.25	20.29	20.22		
20	64QAM	1	0	20.19	20.27	20.15		
20	64QAM	1	49	20.11	20.21	20.08	22	2
20	64QAM	1	99	20.10	20.17	20.14		
20	64QAM	50	0	19.38	19.42	19.32		
20	64QAM	50	24	19.26	19.33	19.28	21	3
20	64QAM	50	50	19.23	19.38	19.24		
20	64QAM	100	0	19.18	19.30	19.18		
20	256QAM	1	0	15.34	15.44	15.30		
20	256QAM	1	49	18.80	18.95	18.83	19	5
20	256QAM	1	99	14.42	14.55	14.43		
20	256QAM	50	0	18.74	18.83	18.72		
20	256QAM	50	24	18.82	18.88	18.74	19	5
20	256QAM	50	50	18.77	18.81	18.75		
20	256QAM	100	0	18.62	18.69	18.63		
Channel				42165	42565	42965	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.27	22.32	22.14		
15	QPSK	1	37	22.16	22.20	22.07	24	0
15	QPSK	1	74	22.02	22.20	22.07		
15	QPSK	36	0	21.27	21.37	21.24		
15	QPSK	36	20	21.18	21.20	21.21	23	1
15	QPSK	36	39	21.12	21.15	21.18		
15	QPSK	75	0	21.14	21.28	21.22		
15	16QAM	1	0	21.09	21.24	21.19		
15	16QAM	1	37	21.08	21.13	21.02	23	1
15	16QAM	1	74	21.02	21.10	21.06		
15	16QAM	36	0	20.25	20.38	20.16		
15	16QAM	36	20	20.21	20.32	20.10	22	2
15	16QAM	36	39	20.23	20.27	20.18		
15	16QAM	75	0	20.16	20.28	20.19		
15	64QAM	1	0	20.21	20.27	20.13		
15	64QAM	1	37	20.13	20.15	20.02	22	2
15	64QAM	1	74	20.08	20.11	20.07		
15	64QAM	36	0	19.39	19.42	19.29		
15	64QAM	36	20	19.17	19.25	19.24	21	3
15	64QAM	36	39	19.22	19.39	19.16		
15	64QAM	75	0	19.14	19.25	19.17		
15	256QAM	1	0	15.35	15.44	15.30		
15	256QAM	1	37	18.73	18.93	18.77	19	5
15	256QAM	1	74	14.33	14.48	14.43		
15	256QAM	36	0	18.68	18.84	18.72		
15	256QAM	36	20	18.77	18.84	18.67	19	5
15	256QAM	36	39	18.74	18.79	18.67		
15	256QAM	75	0	18.57	18.68	18.62		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.22	22.30	22.16		
10	QPSK	1	25	22.19	22.25	22.14	24	0
10	QPSK	1	49	22.04	22.14	22.07		
10	QPSK	25	0	21.30	21.32	21.23		
10	QPSK	25	12	21.26	21.26	21.13	23	1
10	QPSK	25	25	21.12	21.22	21.09		
10	QPSK	50	0	21.14	21.32	21.28		
10	16QAM	1	0	21.10	21.18	21.16		
10	16QAM	1	25	21.12	21.16	21.02	23	1
10	16QAM	1	49	21.04	21.01	21.05		
10	16QAM	25	0	20.27	20.32	20.24		
10	16QAM	25	12	20.20	20.25	20.11	22	2
10	16QAM	25	25	20.24	20.36	20.13		
10	16QAM	50	0	20.24	20.30	20.14		
10	64QAM	1	0	20.21	20.23	20.13		
10	64QAM	1	25	20.13	20.14	20.06	22	2
10	64QAM	1	49	20.10	20.15	20.13		
10	64QAM	25	0	19.36	19.43	19.22		
10	64QAM	25	12	19.22	19.31	19.25	21	3
10	64QAM	25	25	19.16	19.36	19.15		
10	64QAM	50	0	19.13	19.23	19.20		
10	256QAM	1	0	15.24	15.36	15.27		
10	256QAM	1	25	18.82	18.86	18.76	19	5
10	256QAM	1	49	14.43	14.57	14.34		
10	256QAM	25	0	18.66	18.74	18.64		
10	256QAM	25	12	18.79	18.85	18.67	19	5
10	256QAM	25	25	18.77	18.80	18.75		
10	256QAM	50	0	18.53	18.70	18.54		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.17	22.29	22.11		
5	QPSK	1	12	22.23	22.17	22.08	24	0
5	QPSK	1	24	22.06	22.18	22.14		
5	QPSK	12	0	21.35	21.36	21.18		
5	QPSK	12	7	21.20	21.32	21.21	23	1
5	QPSK	12	13	21.14	21.17	21.16		
5	QPSK	25	0	21.09	21.24	21.23		
5	16QAM	1	0	21.06	21.22	21.19		
5	16QAM	1	12	21.09	21.14	21.02	23	1
5	16QAM	1	24	21.03	21.13	21.11		
5	16QAM	12	0	20.29	20.30	20.17		
5	16QAM	12	7	20.23	20.23	20.15	22	2
5	16QAM	12	13	20.20	20.32	20.23		
5	16QAM	25	0	20.18	20.21	20.13		
5	64QAM	1	0	20.19	20.26	20.06		
5	64QAM	1	12	20.12	20.17	20.05	22	2
5	64QAM	1	24	20.10	20.14	20.16		
5	64QAM	12	0	19.34	19.35	19.32		
5	64QAM	12	7	19.25	19.29	19.25	21	3
5	64QAM	12	13	19.17	19.29	19.17		
5	64QAM	25	0	19.15	19.25	19.10		
5	256QAM	1	0	15.30	15.41	15.22		
5	256QAM	1	12	18.79	18.91	18.83	19	5
5	256QAM	1	24	14.38	14.46	14.44		
5	256QAM	12	0	18.65	18.74	18.73		
5	256QAM	12	7	18.76	18.78	18.65	19	5
5	256QAM	12	13	18.69	18.74	18.76		
5	256QAM	25	0	18.56	18.62	18.60		

Band 43_FCC Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.79	21.82	21.71		
20	QPSK	1	49	21.71	21.74	21.65	23	0
20	QPSK	1	99	21.65	21.69	21.59		
20	QPSK	50	0	20.78	20.93	20.85		
20	QPSK	50	24	20.83	20.87	20.77	22	1
20	QPSK	50	50	20.73	20.82	20.78		
20	QPSK	100	0	20.79	20.85	20.78		
20	16QAM	1	0	20.59	20.69	20.54		
20	16QAM	1	49	20.56	20.63	20.50	22	1
20	16QAM	1	99	20.52	20.59	20.54		
20	16QAM	50	0	19.64	19.76	19.61		
20	16QAM	50	24	19.59	19.68	19.54	21	2
20	16QAM	50	50	19.58	19.72	19.66		
20	16QAM	100	0	19.55	19.66	19.51		
20	64QAM	1	0	19.60	19.69	19.56		
20	64QAM	1	49	19.49	19.63	19.51	21	2
20	64QAM	1	99	19.48	19.59	19.49		
20	64QAM	50	0	18.62	18.73	18.63		
20	64QAM	50	24	18.58	18.64	18.57	20	3
20	64QAM	50	50	18.58	18.69	18.55		
20	64QAM	100	0	18.48	18.61	18.57		
20	256QAM	1	0	17.22	17.37	17.26		
20	256QAM	1	49	17.24	17.34	17.30	18	5
20	256QAM	1	99	17.18	17.29	17.15		
20	256QAM	50	0	17.25	17.32	17.22		
20	256QAM	50	24	17.07	17.22	17.19	18	5
20	256QAM	50	50	17.19	17.28	17.18		
20	256QAM	100	0	17.21	17.25	17.14		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.70	21.76	21.64		
15	QPSK	1	37	21.61	21.67	21.52	23	0
15	QPSK	1	74	21.57	21.61	21.51		
15	QPSK	36	0	20.66	20.88	20.77		
15	QPSK	36	20	20.69	20.81	20.68	22	1
15	QPSK	36	39	20.59	20.72	20.70		
15	QPSK	75	0	20.65	20.79	20.65		
15	16QAM	1	0	20.47	20.60	20.42		
15	16QAM	1	37	20.46	20.54	20.36	22	1
15	16QAM	1	74	20.48	20.49	20.47		
15	16QAM	36	0	19.59	19.66	19.46		
15	16QAM	36	20	19.49	19.57	19.41	21	2
15	16QAM	36	39	19.55	19.64	19.54		
15	16QAM	75	0	19.42	19.54	19.37		
15	64QAM	1	0	19.52	19.61	19.51		
15	64QAM	1	37	19.38	19.50	19.38	21	2
15	64QAM	1	74	19.36	19.52	19.45		
15	64QAM	36	0	18.50	18.67	18.58		
15	64QAM	36	20	18.44	18.58	18.51	20	3
15	64QAM	36	39	18.43	18.62	18.41		
15	64QAM	75	0	18.36	18.49	18.45		
15	256QAM	1	0	17.09	17.24	17.13		
15	256QAM	1	37	17.16	17.30	17.27	18	5
15	256QAM	1	74	17.06	17.19	17.08		
15	256QAM	36	0	17.11	17.22	17.12		
15	256QAM	36	20	17.00	17.10	17.15	18	5
15	256QAM	36	39	17.05	17.13	17.09		
15	256QAM	75	0	17.09	17.15	17.00		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.72	21.75	21.63		
10	QPSK	1	25	21.61	21.67	21.52	23	0
10	QPSK	1	49	21.62	21.62	21.48		
10	QPSK	25	0	20.68	20.89	20.80		
10	QPSK	25	12	20.76	20.77	20.73	22	1
10	QPSK	25	25	20.68	20.73	20.72		
10	QPSK	50	0	20.73	20.82	20.71		
10	16QAM	1	0	20.46	20.62	20.43		
10	16QAM	1	25	20.50	20.50	20.39	22	1
10	16QAM	1	49	20.41	20.46	20.50		
10	16QAM	25	0	19.56	19.62	19.52		
10	16QAM	25	12	19.54	19.63	19.44	21	2
10	16QAM	25	25	19.51	19.66	19.59		
10	16QAM	50	0	19.48	19.59	19.40		
10	64QAM	1	0	19.52	19.62	19.45		
10	64QAM	1	25	19.41	19.58	19.42	21	2
10	64QAM	1	49	19.34	19.55	19.39		
10	64QAM	25	0	18.57	18.59	18.52		
10	64QAM	25	12	18.44	18.50	18.52	20	3
10	64QAM	25	25	18.49	18.55	18.47		
10	64QAM	50	0	18.35	18.47	18.49		
10	256QAM	1	0	17.13	17.26	17.12		
10	256QAM	1	25	17.21	17.21	17.17	18	5
10	256QAM	1	49	17.07	17.26	17.04		
10	256QAM	25	0	17.17	17.25	17.14		
10	256QAM	25	12	17.01	17.16	17.04	18	5
10	256QAM	25	25	17.11	17.13	17.07		
10	256QAM	50	0	17.09	17.18	17.03		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.69	21.79	21.59		
5	QPSK	1	12	21.63	21.70	21.57	23	0
5	QPSK	1	24	21.57	21.64	21.56		
5	QPSK	12	0	20.70	20.80	20.74		
5	QPSK	12	7	20.73	20.83	20.64	22	1
5	QPSK	12	13	20.63	20.79	20.66		
5	QPSK	25	0	20.67	20.71	20.64		
5	16QAM	1	0	20.47	20.64	20.43		
5	16QAM	1	12	20.51	20.58	20.42	22	1
5	16QAM	1	24	20.46	20.46	20.39		
5	16QAM	12	0	19.56	19.71	19.49		
5	16QAM	12	7	19.45	19.64	19.49	21	2
5	16QAM	12	13	19.48	19.59	19.54		
5	16QAM	25	0	19.42	19.59	19.47		
5	64QAM	1	0	19.56	19.57	19.42		
5	64QAM	1	12	19.40	19.53	19.45	21	2
5	64QAM	1	24	19.40	19.45	19.36		
5	64QAM	12	0	18.49	18.59	18.48		
5	64QAM	12	7	18.52	18.60	18.45	20	3
5	64QAM	12	13	18.50	18.60	18.47		
5	64QAM	25	0	18.38	18.53	18.54		
5	256QAM	1	0	17.15	17.23	17.22		
5	256QAM	1	12	17.18	17.27	17.24	18	5
5	256QAM	1	24	17.09	17.23	17.11		
5	256QAM	12	0	17.18	17.23	17.08		
5	256QAM	12	7	17.04	17.18	17.13	18	5
5	256QAM	12	13	17.13	17.17	17.06		
5	256QAM	25	0	17.17	17.22	17.04		

Band 48_FCC Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.05	20.02	19.70	19.67		
20	QPSK	1	49	21.99	22.06	21.92	21.63	23	0
20	QPSK	1	99	21.94	20.66	19.61	19.23		
20	QPSK	50	0	21.06	21.13	21.02	20.74		
20	QPSK	50	24	21.02	21.10	21.00	20.69	22	1
20	QPSK	50	50	20.98	21.06	20.94	20.62		
20	QPSK	100	0	20.93	21.14	20.97	20.68		
20	16QAM	1	0	20.87	19.11	19.03	19.00		
20	16QAM	1	49	20.85	21.11	21.03	21.04	22	1
20	16QAM	1	99	19.52	18.91	18.79	18.78		
20	16QAM	50	0	20.10	20.18	20.14	20.13		
20	16QAM	50	24	20.06	20.14	20.09	20.11	21	2
20	16QAM	50	50	20.01	20.07	19.98	19.98		
20	16QAM	100	0	20.08	20.13	20.09	20.01		
20	64QAM	1	0	18.62	18.19	18.15	18.10		
20	64QAM	1	49	20.05	20.05	19.98	19.97	21	2
20	64QAM	1	99	18.48	17.93	17.87	17.79		
20	64QAM	50	0	19.10	17.14	17.03	17.04		
20	64QAM	50	24	19.03	19.15	19.11	19.11	20	3
20	64QAM	50	50	19.07	19.10	19.02	18.99		
20	64QAM	100	0	18.98	19.20	19.11	19.15		
20	256QAM	1	0	15.47	15.07	14.98	15.00		
20	256QAM	1	49	18.38	17.99	17.93	17.96	18	5
20	256QAM	1	99	15.42	14.88	14.75	14.83		
20	256QAM	50	0	18.10	18.03	17.90	17.93		
20	256QAM	50	24	18.05	18.01	17.94	17.96	18	5
20	256QAM	50	50	17.98	18.25	18.21	18.14		
20	256QAM	100	0	18.08	18.08	17.99	18.01		
Channel				55315	55825	56165	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.97	19.90	19.55	19.59		
15	QPSK	1	37	21.92	21.93	21.88	21.60	23	0
15	QPSK	1	74	21.82	20.60	19.52	19.08		
15	QPSK	36	0	20.92	21.06	20.91	20.69		
15	QPSK	36	20	20.94	20.97	20.90	20.60	22	1
15	QPSK	36	39	20.89	20.95	20.84	20.58		
15	QPSK	75	0	20.82	21.07	20.91	20.57		
15	16QAM	1	0	20.80	18.99	18.91	18.91		
15	16QAM	1	37	20.79	21.02	20.97	21.00	22	1
15	16QAM	1	74	19.46	18.81	18.68	18.71		
15	16QAM	36	0	20.03	20.11	20.07	19.98		
15	16QAM	36	20	19.93	20.04	19.98	19.99	21	2
15	16QAM	36	39	19.92	19.97	19.92	19.90		
15	16QAM	75	0	19.95	20.05	19.98	19.88		
15	64QAM	1	0	18.51	18.10	18.07	18.06		
15	64QAM	1	37	20.00	20.01	19.90	19.84	21	2
15	64QAM	1	74	18.36	17.89	17.79	17.71		
15	64QAM	36	0	18.99	17.02	16.97	16.91		
15	64QAM	36	20	18.89	19.05	18.98	19.03	20	3
15	64QAM	36	39	19.02	19.02	18.93	18.84		
15	64QAM	75	0	18.87	19.15	19.02	19.06		
15	256QAM	1	0	15.41	14.98	14.90	14.95		
15	256QAM	1	37	18.32	17.95	17.82	17.87	18	5
15	256QAM	1	74	15.32	14.80	14.67	14.74		
15	256QAM	36	0	18.02	17.93	17.79	17.83		
15	256QAM	36	20	17.93	17.92	17.84	17.82	18	5
15	256QAM	36	39	17.93	18.15	18.08	18.02		
15	256QAM	75	0	17.99	17.94	17.93	17.90		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.01	19.93	19.57	19.61		
10	QPSK	1	25	21.88	21.97	21.88	21.53	23	0
10	QPSK	1	49	21.82	20.60	19.47	19.13		
10	QPSK	25	0	20.93	21.09	20.90	20.64		
10	QPSK	25	12	20.89	20.97	20.88	20.59	22	1
10	QPSK	25	25	20.91	21.03	20.82	20.55		
10	QPSK	50	0	20.84	21.04	20.85	20.62		
10	16QAM	1	0	20.83	19.04	18.96	18.86		
10	16QAM	1	25	20.78	21.04	20.92	20.97	22	1
10	16QAM	1	49	19.40	18.88	18.67	18.68		
10	16QAM	25	0	20.05	20.06	20.08	20.02		
10	16QAM	25	12	19.96	19.99	19.96	20.08	21	2
10	16QAM	25	25	19.96	20.02	19.83	19.87		
10	16QAM	50	0	19.98	19.98	20.04	19.89		
10	64QAM	1	0	18.56	18.11	18.10	18.06		
10	64QAM	1	25	19.94	19.98	19.88	19.89	21	2
10	64QAM	1	49	18.42	17.83	17.82	17.68		
10	64QAM	25	0	19.00	17.04	16.91	16.96		
10	64QAM	25	12	18.94	19.09	19.08	19.07	20	3
10	64QAM	25	25	19.03	19.03	18.95	18.85		
10	64QAM	50	0	18.86	19.07	19.01	19.09		
10	256QAM	1	0	15.33	15.02	14.91	14.89		
10	256QAM	1	25	18.33	17.90	17.81	17.85	18	5
10	256QAM	1	49	15.28	14.80	14.71	14.72		
10	256QAM	25	0	18.02	17.82	17.80	17.85		
10	256QAM	25	12	17.91	17.94	17.82	17.89	18	5
10	256QAM	25	25	17.84	18.19	18.08	18.05		
10	256QAM	50	0	17.94	18.05	17.88	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	21.92	19.95	19.62	19.52		
5	QPSK	1	12	21.93	21.99	21.86	21.52	23	0
5	QPSK	1	24	21.80	20.54	19.49	19.13		
5	QPSK	12	0	21.00	21.05	20.94	20.63		
5	QPSK	12	7	20.94	20.97	20.87	20.58	22	1
5	QPSK	12	13	20.85	21.03	20.91	20.48		
5	QPSK	25	0	20.83	21.05	20.86	20.61		
5	16QAM	1	0	20.79	19.00	18.91	18.91		
5	16QAM	1	12	20.75	21.02	20.97	20.96	22	1
5	16QAM	1	24	19.45	18.80	18.67	18.66		
5	16QAM	12	0	20.05	20.05	20.09	20.10		
5	16QAM	12	7	19.95	20.08	19.95	19.97	21	2
5	16QAM	12	13	19.91	20.01	19.83	19.91		
5	16QAM	25	0	20.02	19.99	19.95	19.87		
5	64QAM	1	0	18.59	18.11	18.02	18.04		
5	64QAM	1	12	19.93	19.98	19.87	19.92	21	2
5	64QAM	1	24	18.36	17.79	17.82	17.73		
5	64QAM	12	0	18.98	17.08	16.92	17.01		
5	64QAM	12	7	18.90	19.11	18.98	19.01	20	3
5	64QAM	12	13	18.90	19.06	18.89	18.89		
5	64QAM	25	0	18.88	19.09	19.02	19.09		
5	256QAM	1	0	15.42	14.96	14.84	14.87		
5	256QAM	1	12	18.27	17.88	17.89	17.81	18	5
5	256QAM	1	24	15.38	14.85	14.65	14.73		
5	256QAM	12	0	18.03	17.98	17.76	17.84		
5	256QAM	12	7	17.90	17.90	17.89	17.83	18	5
5	256QAM	12	13	17.91	18.22	18.10	18.09		
5	256QAM	25	0	17.93	17.96	17.87	17.97		

	GSM1900 Ant3 Default							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	31.20	31.21	31.04	32.50	22.20	22.21	22.04	23.50
GPRS 1 Tx slot	31.23	31.28	31.09	32.50	22.23	22.28	22.09	23.50
GPRS 2 Tx slots	28.85	28.94	28.93	30.00	22.85	22.94	22.93	24.00
GPRS 3 Tx slots	27.36	27.47	27.30	28.50	23.10	23.21	23.04	24.24
GPRS 4 Tx slots	24.88	25.02	24.98	26.00	21.88	22.02	21.98	23.00
EDGE 1 Tx slot	26.66	26.70	26.53	28.00	17.66	17.70	17.53	19.00
EDGE 2 Tx slots	24.74	24.81	24.79	26.00	18.74	18.81	18.79	20.00
EDGE 3 Tx slots	23.43	23.53	23.47	24.50	19.17	19.27	19.21	20.24
EDGE 4 Tx slots	21.55	21.61	21.42	22.50	18.55	18.61	18.42	19.50

		WCDMA II Ant3 Default				WCDMA IV Ant3 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.84	23.90	23.83	25.00	23.76	23.81	23.76	25.00
3GPP Rel 99	RMC 12.2Kbps	23.87	23.95	23.81	25.00	23.68	23.83	23.71	25.00
3GPP Rel 6	HSDPA Subtest-1	23.01	23.02	23.01	24.00	22.90	22.96	22.93	24.00
3GPP Rel 6	HSDPA Subtest-2	23.03	23.13	22.93	24.00	22.97	23.31	23.09	24.00
3GPP Rel 6	HSDPA Subtest-3	22.63	22.89	22.63	23.50	22.82	22.84	22.71	23.50
3GPP Rel 6	HSDPA Subtest-4	22.57	22.81	22.45	23.50	22.77	22.75	22.54	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.30	22.90	24.00	22.99	23.22	22.84	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.19	23.24	23.12	24.00	23.09	23.37	23.02	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.39	22.69	22.57	23.50	22.30	22.64	22.53	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.63	22.51	22.47	23.50	22.71	22.49	22.61	23.50
3GPP Rel 6	HSUPA Subtest-1	22.84	23.30	23.14	24.00	22.84	23.23	22.97	24.00
3GPP Rel 6	HSUPA Subtest-2	20.92	21.07	21.11	22.00	20.99	21.15	21.21	22.00
3GPP Rel 6	HSUPA Subtest-3	22.09	22.09	21.95	23.00	22.18	22.27	21.91	23.00
3GPP Rel 6	HSUPA Subtest-4	20.88	21.23	20.97	22.00	20.95	21.22	20.97	22.00
3GPP Rel 6	HSUPA Subtest-5	23.05	22.97	22.98	24.00	23.08	22.96	22.85	24.00

Band 2 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.73	22.79	22.62		
20	QPSK	1	49	22.38	22.50	22.47	24	0
20	QPSK	1	99	21.88	22.41	22.41		
20	QPSK	50	0	22.69	22.72	22.67		
20	QPSK	50	24	22.48	22.55	22.35	24	0
20	QPSK	50	50	22.55	22.60	22.59		
20	QPSK	100	0	22.67	22.62	22.57		
20	16QAM	1	0	22.59	22.70	22.65		
20	16QAM	1	49	22.58	22.68	22.61	24	0
20	16QAM	1	99	22.36	22.55	22.53		
20	16QAM	50	0	22.19	22.22	22.10		
20	16QAM	50	24	22.01	22.18	22.13	23.5	0.5
20	16QAM	50	50	22.00	22.15	22.06		
20	16QAM	100	0	21.91	22.10	22.01		
20	64QAM	1	0	22.07	22.12	22.09		
20	64QAM	1	49	22.20	22.23	22.10	23.5	0.5
20	64QAM	1	99	22.12	22.18	22.06		
20	64QAM	50	0	20.95	21.14	21.11		
20	64QAM	50	24	21.02	21.22	21.11	22.5	1.5
20	64QAM	50	50	21.09	21.19	21.10		
20	64QAM	100	0	21.11	21.12	20.94		
20	256QAM	1	0	19.21	19.36	19.25		
20	256QAM	1	49	19.32	19.32	19.22	20.5	3.5
20	256QAM	1	99	19.25	19.26	19.13		
20	256QAM	50	0	19.07	19.21	19.13		
20	256QAM	50	24	19.13	19.16	19.14	20.5	3.5
20	256QAM	50	50	19.08	19.11	19.02		
20	256QAM	100	0	19.08	19.14	19.06		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.57	22.65	22.54	24	0
15	QPSK	1	37	22.37	22.45	22.33		
15	QPSK	1	74	22.19	22.21	22.28		
15	QPSK	36	0	22.64	22.64	22.65		
15	QPSK	36	20	22.34	22.54	22.27	24	0
15	QPSK	36	39	22.43	22.47	22.47		
15	QPSK	75	0	22.40	22.51	22.45		
15	16QAM	1	0	22.55	22.68	22.63		
15	16QAM	1	37	22.54	22.67	22.61	24	0
15	16QAM	1	74	22.42	22.51	22.53		
15	16QAM	36	0	22.02	22.19	22.01		
15	16QAM	36	20	21.92	21.99	21.97	23.5	0.5
15	16QAM	36	39	21.82	22.04	22.00		
15	16QAM	75	0	21.82	22.05	21.86		
15	64QAM	1	0	22.00	22.22	22.05		
15	64QAM	1	37	22.10	22.11	21.94	23.5	0.5
15	64QAM	1	74	21.97	22.14	21.86		
15	64QAM	36	0	20.87	21.05	21.10		
15	64QAM	36	20	21.01	21.22	21.07	22.5	1.5
15	64QAM	36	39	20.94	21.05	21.04		
15	64QAM	75	0	21.08	21.09	20.90		
15	256QAM	1	0	19.12	19.19	19.21		
15	256QAM	1	37	19.14	19.23	19.03	20.5	3.5
15	256QAM	1	74	19.05	19.20	18.94		
15	256QAM	36	0	19.06	19.02	18.99		
15	256QAM	36	20	19.12	19.14	18.99	20.5	3.5
15	256QAM	36	39	18.98	19.02	18.85		
15	256QAM	75	0	18.90	19.02	19.04		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.68	22.65	22.59		
10	QPSK	1	25	22.33	22.38	22.38	24	0
10	QPSK	1	49	22.57	22.59	22.68		
10	QPSK	25	0	22.55	22.70	22.50		
10	QPSK	25	12	22.34	22.40	22.24	24	0
10	QPSK	25	25	22.39	22.48	22.34		
10	QPSK	50	0	22.57	22.58	22.44		
10	16QAM	1	0	22.50	22.59	22.61		
10	16QAM	1	25	22.47	22.62	22.58	24	0
10	16QAM	1	49	22.19	22.32	22.44		
10	16QAM	25	0	22.15	22.05	22.04		
10	16QAM	25	12	21.98	22.10	22.02	23.5	0.5
10	16QAM	25	25	21.98	22.14	21.99		
10	16QAM	50	0	21.87	22.06	21.94		
10	64QAM	1	0	21.96	22.22	22.05		
10	64QAM	1	25	22.19	22.16	21.92	23.5	0.5
10	64QAM	1	49	22.08	22.00	22.03		
10	64QAM	25	0	20.88	21.09	20.98		
10	64QAM	25	12	20.89	21.10	21.05	22.5	1.5
10	64QAM	25	25	20.90	21.16	21.08		
10	64QAM	50	0	21.03	21.05	20.90		
10	256QAM	1	0	19.19	19.26	19.18		
10	256QAM	1	25	19.15	19.20	19.13	20.5	3.5
10	256QAM	1	49	19.11	19.18	19.07		
10	256QAM	25	0	18.88	19.09	18.94		
10	256QAM	25	12	18.91	19.11	18.93	20.5	3.5
10	256QAM	25	25	18.95	19.02	18.88		
10	256QAM	50	0	18.94	19.14	18.87		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.62	22.77	22.60		
5	QPSK	1	12	22.57	22.55	22.46	24	0
5	QPSK	1	24	22.55	22.56	22.58		
5	QPSK	12	0	22.53	22.52	22.54		
5	QPSK	12	7	22.38	22.39	22.16	24	0
5	QPSK	12	13	22.47	22.58	22.55		
5	QPSK	25	0	22.41	22.48	22.51		
5	16QAM	1	0	22.44	22.64	22.54		
5	16QAM	1	12	22.33	22.61	22.41	24	0
5	16QAM	1	24	22.33	22.35	22.46		
5	16QAM	12	0	22.08	22.19	21.99		
5	16QAM	12	7	21.87	22.16	22.06	23.5	0.5
5	16QAM	12	13	21.88	22.08	21.92		
5	16QAM	25	0	21.72	21.98	21.91		
5	64QAM	1	0	21.88	22.15	21.94		
5	64QAM	1	12	22.17	22.07	22.00	23.5	0.5
5	64QAM	1	24	22.07	22.25	21.98		
5	64QAM	12	0	20.76	21.12	21.09		
5	64QAM	12	7	21.02	21.02	21.05	22.5	1.5
5	64QAM	12	13	20.95	21.16	21.05		
5	64QAM	25	0	21.01	20.98	20.82		
5	256QAM	1	0	19.04	19.19	19.10		
5	256QAM	1	12	19.17	19.31	19.13	20.5	3.5
5	256QAM	1	24	19.18	19.14	19.01		
5	256QAM	12	0	18.99	19.20	18.97		
5	256QAM	12	7	19.12	19.06	19.04	20.5	3.5
5	256QAM	12	13	18.92	19.10	18.90		
5	256QAM	25	0	19.01	18.99	18.88		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.54	22.60	22.62		
3	QPSK	1	8	22.54	22.62	22.55	24	0
3	QPSK	1	14	22.32	22.40	22.41		
3	QPSK	8	0	22.61	22.70	22.48		
3	QPSK	8	4	22.38	22.39	22.27	24	0
3	QPSK	8	7	22.37	22.49	22.56		
3	QPSK	15	0	22.53	22.60	22.52		
3	16QAM	1	0	22.44	22.51	22.64		
3	16QAM	1	8	22.55	22.66	22.46	24	0
3	16QAM	1	14	22.26	22.54	22.48		
3	16QAM	8	0	22.09	22.09	22.04		
3	16QAM	8	4	21.86	21.99	22.07	23.5	0.5
3	16QAM	8	7	21.90	21.99	21.98		
3	16QAM	15	0	21.72	22.10	21.86		
3	64QAM	1	0	21.88	22.12	22.02		
3	64QAM	1	8	22.02	22.01	22.00	23.5	0.5
3	64QAM	1	14	21.98	22.07	22.05		
3	64QAM	8	0	20.90	21.08	21.00		
3	64QAM	8	4	20.90	21.10	21.07	22.5	1.5
3	64QAM	8	7	21.03	21.15	20.99		
3	64QAM	15	0	20.98	21.10	20.80		
3	256QAM	1	0	19.20	19.23	19.17		
3	256QAM	1	8	19.21	19.25	19.16	20.5	3.5
3	256QAM	1	14	19.19	19.21	19.12		
3	256QAM	8	0	18.98	19.07	19.03		
3	256QAM	8	4	18.93	19.05	19.12	20.5	3.5
3	256QAM	8	7	18.96	19.08	19.00		
3	256QAM	15	0	18.97	19.08	19.03		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.42	22.57	22.40		
1.4	QPSK	1	3	22.40	22.46	22.56		
1.4	QPSK	1	5	22.46	22.54	22.52	24	0
1.4	QPSK	3	0	22.37	22.58	22.47		
1.4	QPSK	3	1	22.43	22.55	22.46		
1.4	QPSK	3	3	22.36	22.59	22.58		
1.4	QPSK	6	0	22.40	22.49	22.49	24	0
1.4	16QAM	1	0	22.41	22.48	22.59		
1.4	16QAM	1	3	22.48	22.59	22.42		
1.4	16QAM	1	5	22.52	22.48	22.51	24	0
1.4	16QAM	3	0	22.47	22.40	22.51		
1.4	16QAM	3	1	22.46	22.47	22.47		
1.4	16QAM	3	3	22.38	22.45	22.50		
1.4	16QAM	6	0	21.85	22.13	21.98	23.5	0.5
1.4	64QAM	1	0	21.86	22.16	22.13		
1.4	64QAM	1	3	21.96	22.05	22.01		
1.4	64QAM	1	5	21.93	22.06	21.99	23.5	0.5
1.4	64QAM	3	0	21.87	22.11	22.13		
1.4	64QAM	3	1	21.86	22.12	21.98		
1.4	64QAM	3	3	21.88	22.06	22.06		
1.4	64QAM	6	0	21.01	21.06	20.93	22.5	1.5
1.4	256QAM	1	0	19.14	19.24	19.15		
1.4	256QAM	1	3	19.28	19.28	19.03		
1.4	256QAM	1	5	19.17	19.06	19.09	20.5	3.5
1.4	256QAM	3	0	18.94	19.06	18.94		
1.4	256QAM	3	1	19.01	19.16	19.08		
1.4	256QAM	3	3	19.01	18.95	18.97		
1.4	256QAM	6	0	19.01	18.96	18.91	20.5	3.5

Band 4 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.51	22.52	22.24		
20	QPSK	1	49	22.35	22.32	22.30	24	0
20	QPSK	1	99	21.88	22.25	22.08		
20	QPSK	50	0	22.30	22.44	22.41		
20	QPSK	50	24	22.24	22.33	22.08	24	0
20	QPSK	50	50	22.17	22.24	22.22		
20	QPSK	100	0	22.16	22.41	22.24		
20	16QAM	1	0	22.38	22.49	22.38		
20	16QAM	1	49	22.27	22.43	22.37	24	0
20	16QAM	1	99	22.02	22.34	22.14		
20	16QAM	50	0	21.88	21.92	21.79		
20	16QAM	50	24	21.70	21.89	21.82	23.5	0.5
20	16QAM	50	50	21.73	21.90	21.70		
20	16QAM	100	0	21.70	21.84	21.72		
20	64QAM	1	0	21.76	21.99	21.73		
20	64QAM	1	49	21.92	21.89	21.71	23.5	0.5
20	64QAM	1	99	21.80	21.83	21.71		
20	64QAM	50	0	20.62	20.93	20.74		
20	64QAM	50	24	20.69	20.92	20.80	22.5	1.5
20	64QAM	50	50	20.72	20.86	20.87		
20	64QAM	100	0	20.72	20.79	20.60		
20	256QAM	1	0	18.96	19.04	18.86		
20	256QAM	1	49	18.92	19.03	18.99	20.5	3.5
20	256QAM	1	99	19.04	18.99	18.80		
20	256QAM	50	0	18.69	19.00	18.93		
20	256QAM	50	24	18.81	18.87	18.81	20.5	3.5
20	256QAM	50	50	18.82	18.92	18.63		
20	256QAM	100	0	18.75	18.85	18.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.38	22.47	22.09		
15	QPSK	1	37	22.23	22.31	22.28	24	0
15	QPSK	1	74	22.10	22.18	22.06		
15	QPSK	36	0	22.13	22.25	22.31		
15	QPSK	36	20	22.19	22.17	22.21	24	0
15	QPSK	36	39	22.12	22.05	22.03		
15	QPSK	75	0	22.23	22.21	22.24		
15	16QAM	1	0	22.33	22.35	22.32		
15	16QAM	1	37	22.21	22.27	22.35	24	0
15	16QAM	1	74	22.05	22.23	22.06		
15	16QAM	36	0	21.80	21.90	21.63		
15	16QAM	36	20	21.63	21.79	21.75	23.5	0.5
15	16QAM	36	39	21.63	21.87	21.51		
15	16QAM	75	0	21.66	21.72	21.71		
15	64QAM	1	0	21.58	21.96	21.59		
15	64QAM	1	37	21.82	21.74	21.51	23.5	0.5
15	64QAM	1	74	21.63	21.78	21.61		
15	64QAM	36	0	20.80	20.86	20.69		
15	64QAM	36	20	20.83	20.79	20.63	22.5	1.5
15	64QAM	36	39	20.61	20.69	20.80		
15	64QAM	75	0	20.60	20.70	20.55		
15	256QAM	1	0	18.89	19.01	18.68		
15	256QAM	1	37	18.78	18.91	18.99	20.5	3.5
15	256QAM	1	74	18.90	18.95	18.71		
15	256QAM	36	0	18.50	18.97	18.81		
15	256QAM	36	20	18.74	18.82	18.77	20.5	3.5
15	256QAM	36	39	18.70	18.57	18.55		
15	256QAM	75	0	18.58	18.65	18.63		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.35	22.42	22.05		
10	QPSK	1	25	22.16	22.24	22.14	24	0
10	QPSK	1	49	22.09	22.20	22.01		
10	QPSK	25	0	22.22	22.38	22.36		
10	QPSK	25	12	22.11	22.21	22.01	24	0
10	QPSK	25	25	22.08	22.18	22.21		
10	QPSK	50	0	22.14	22.36	22.13		
10	16QAM	1	0	22.26	22.29	22.37		
10	16QAM	1	25	22.09	22.34	22.27	24	0
10	16QAM	1	49	21.90	22.18	22.01		
10	16QAM	25	0	21.78	21.76	21.72		
10	16QAM	25	12	21.67	21.86	21.76	23.5	0.5
10	16QAM	25	25	21.57	21.83	21.50		
10	16QAM	50	0	21.54	21.79	21.65		
10	64QAM	1	0	21.72	21.91	21.70		
10	64QAM	1	25	21.73	21.86	21.59	23.5	0.5
10	64QAM	1	49	21.69	21.73	21.57		
10	64QAM	25	0	20.51	20.86	20.57		
10	64QAM	25	12	20.54	20.69	20.66	22.5	1.5
10	64QAM	25	25	20.70	20.70	20.75		
10	64QAM	50	0	20.55	20.72	20.56		
10	256QAM	1	0	18.81	19.02	18.83		
10	256QAM	1	25	18.81	18.87	18.79	20.5	3.5
10	256QAM	1	49	19.04	18.90	18.80		
10	256QAM	25	0	18.58	18.81	18.76		
10	256QAM	25	12	18.66	18.73	18.73	20.5	3.5
10	256QAM	25	25	18.66	18.56	18.50		
10	256QAM	50	0	18.68	18.81	18.52		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.40	22.43	22.04		
5	QPSK	1	12	22.26	22.20	22.23	24	0
5	QPSK	1	24	22.01	22.15	22.01		
5	QPSK	12	0	22.18	22.37	22.29		
5	QPSK	12	7	22.06	22.31	22.18	24	0
5	QPSK	12	13	22.12	22.10	22.12		
5	QPSK	25	0	22.19	22.28	22.22		
5	16QAM	1	0	22.21	22.41	22.20		
5	16QAM	1	12	22.01	22.33	22.18	24	0
5	16QAM	1	24	22.15	22.33	22.15		
5	16QAM	12	0	21.87	21.83	21.62		
5	16QAM	12	7	21.53	21.79	21.74	23.5	0.5
5	16QAM	12	13	21.57	21.84	21.58		
5	16QAM	25	0	21.66	21.80	21.70		
5	64QAM	1	0	21.70	21.89	21.61		
5	64QAM	1	12	21.73	21.72	21.56	23.5	0.5
5	64QAM	1	24	21.77	21.70	21.69		
5	64QAM	12	0	20.50	20.81	20.60		
5	64QAM	12	7	20.51	20.64	20.71	22.5	1.5
5	64QAM	12	13	20.53	20.70	20.80		
5	64QAM	25	0	20.61	20.82	20.53		
5	256QAM	1	0	18.93	19.03	18.71		
5	256QAM	1	12	18.77	18.97	18.82	20.5	3.5
5	256QAM	1	24	18.93	18.92	18.61		
5	256QAM	12	0	18.63	18.86	18.78		
5	256QAM	12	7	18.71	18.68	18.70	20.5	3.5
5	256QAM	12	13	18.74	18.65	18.68		
5	256QAM	25	0	18.68	18.77	18.54		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.51	22.39	22.19		
3	QPSK	1	8	22.24	22.21	22.14	24	0
3	QPSK	1	14	22.08	22.14	22.13		
3	QPSK	8	0	22.29	22.25	22.40		
3	QPSK	8	4	22.07	22.13	22.07	24	0
3	QPSK	8	7	22.11	22.13	22.17		
3	QPSK	15	0	22.07	22.40	22.23		
3	16QAM	1	0	22.36	22.43	22.20		
3	16QAM	1	8	22.17	22.35	22.31	24	0
3	16QAM	1	14	22.14	22.31	22.05		
3	16QAM	8	0	21.78	21.78	21.77		
3	16QAM	8	4	21.59	21.83	21.72	23.5	0.5
3	16QAM	8	7	21.57	21.85	21.53		
3	16QAM	15	0	21.53	21.68	21.64		
3	64QAM	1	0	21.69	21.87	21.56		
3	64QAM	1	8	21.73	21.86	21.68	23.5	0.5
3	64QAM	1	14	21.67	21.72	21.68		
3	64QAM	8	0	20.53	20.79	20.60		
3	64QAM	8	4	20.61	20.73	20.72	22.5	1.5
3	64QAM	8	7	20.71	20.75	20.75		
3	64QAM	15	0	20.63	20.71	20.59		
3	256QAM	1	0	18.90	18.98	18.83		
3	256QAM	1	8	18.82	18.94	18.89	20.5	3.5
3	256QAM	1	14	18.85	18.94	18.68		
3	256QAM	8	0	18.61	18.84	18.83		
3	256QAM	8	4	18.69	18.67	18.73	20.5	3.5
3	256QAM	8	7	18.69	18.52	18.53		
3	256QAM	15	0	18.70	18.85	18.55		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.24	22.38	22.31		
1.4	QPSK	1	3	22.14	22.27	22.35		
1.4	QPSK	1	5	22.19	22.34	22.40	24	0
1.4	QPSK	3	0	22.20	22.31	22.35		
1.4	QPSK	3	1	22.13	22.32	22.24		
1.4	QPSK	3	3	22.13	22.39	22.23		
1.4	QPSK	6	0	22.20	22.34	22.38	24	0
1.4	16QAM	1	0	22.23	22.33	22.37		
1.4	16QAM	1	3	22.16	22.25	22.32		
1.4	16QAM	1	5	22.19	22.41	22.24	24	0
1.4	16QAM	3	0	22.17	22.29	22.28		
1.4	16QAM	3	1	22.24	22.41	22.27		
1.4	16QAM	3	3	22.26	22.28	22.28		
1.4	16QAM	6	0	21.64	21.73	21.64	23.5	0.5
1.4	64QAM	1	0	21.76	21.68	21.70		
1.4	64QAM	1	3	21.61	21.77	21.61		
1.4	64QAM	1	5	21.61	21.75	21.58	23.5	0.5
1.4	64QAM	3	0	21.69	21.70	21.69		
1.4	64QAM	3	1	21.80	21.82	21.51		
1.4	64QAM	3	3	21.68	21.71	21.62		
1.4	64QAM	6	0	20.61	20.67	20.52	22.5	1.5
1.4	256QAM	1	0	19.16	19.18	19.19		
1.4	256QAM	1	3	19.26	19.28	19.11		
1.4	256QAM	1	5	19.10	19.22	18.98	20.5	3.5
1.4	256QAM	3	0	18.92	19.11	18.95		
1.4	256QAM	3	1	19.02	19.05	19.00		
1.4	256QAM	3	3	18.91	18.92	18.98		
1.4	256QAM	6	0	19.04	18.96	18.89	20.5	3.5

Band 7 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.71	22.83	22.65		
20	QPSK	1	49	22.52	22.44	22.42	24	0
20	QPSK	1	99	22.66	22.22	22.39		
20	QPSK	50	0	22.63	22.75	22.61		
20	QPSK	50	24	22.35	22.50	22.25	24	0
20	QPSK	50	50	22.43	22.46	22.33		
20	QPSK	100	0	22.54	22.28	22.56		
20	16QAM	1	0	22.63	22.68	22.62		
20	16QAM	1	49	22.

Band 66 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.48	22.59	22.53		
20	QPSK	1	49	22.20	22.41	22.42	24	0
20	QPSK	1	99	22.33	22.32	22.42		
20	QPSK	50	0	22.42	22.54	22.47		
20	QPSK	50	24	22.34	22.34	22.28	24	0
20	QPSK	50	50	22.27	22.34	22.40		
20	QPSK	100	0	22.36	22.42	22.39		
20	16QAM	1	0	22.33	22.41	22.31		
20	16QAM	1	49	22.26	22.38	22.35	24	0
20	16QAM	1	99	22.19	22.34	22.43		
20	16QAM	50	0	22.11	22.11	22.22		
20	16QAM	50	24	22.08	22.26	22.27	23.5	0.5
20	16QAM	50	50	22.20	22.15	22.21		
20	16QAM	100	0	22.22	22.12	22.25		
20	64QAM	1	0	22.18	22.09	22.18		
20	64QAM	1	49	22.22	22.14	22.12	23.5	0.5
20	64QAM	1	99	22.10	22.19	22.19		
20	64QAM	50	0	22.26	22.24	22.12		
20	64QAM	50	24	22.09	22.23	22.16	22.5	1.5
20	64QAM	50	50	22.20	22.17	22.16		
20	64QAM	100	0	22.15	22.14	22.11		
20	256QAM	1	0	19.21	19.30	19.20		
20	256QAM	1	49	19.28	19.28	19.30	20.5	3.5
20	256QAM	1	99	19.18	19.21	19.35		
20	256QAM	50	0	19.32	19.22	19.23		
20	256QAM	50	24	19.21	19.20	19.26	20.5	3.5
20	256QAM	50	50	19.31	19.16	19.28		
20	256QAM	100	0	19.35	19.27	19.27		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.44	22.39	22.43		
15	QPSK	1	37	22.14	22.39	22.27	24	0
15	QPSK	1	74	22.19	22.31	22.33		
15	QPSK	36	0	22.30	22.36	22.42		
15	QPSK	36	20	22.21	22.15	22.12	24	0
15	QPSK	36	39	22.14	22.17	22.26		
15	QPSK	75	0	22.35	22.25	22.20		
15	16QAM	1	0	22.31	22.40	22.11		
15	16QAM	1	37	22.16	22.27	22.32	24	0
15	16QAM	1	74	22.01	22.31	22.41		
15	16QAM	36	0	22.03	22.02	22.14		
15	16QAM	36	20	21.90	22.25	22.14	23.5	0.5
15	16QAM	36	39	22.19	22.09	22.03		
15	16QAM	75	0	22.22	22.05	22.11		
15	64QAM	1	0	21.99	22.04	22.05		
15	64QAM	1	37	22.12	22.08	22.09	23.5	0.5
15	64QAM	1	74	22.03	22.17	21.99		
15	64QAM	36	0	22.16	22.09	22.08		
15	64QAM	36	20	21.97	22.10	22.04	22.5	1.5
15	64QAM	36	39	22.03	22.02	22.05		
15	64QAM	75	0	22.04	21.96	21.98		
15	256QAM	1	0	19.19	19.25	19.01		
15	256QAM	1	37	19.12	19.11	19.20	20.5	3.5
15	256QAM	1	74	19.10	19.06	19.30		
15	256QAM	36	0	19.13	19.09	19.11		
15	256QAM	36	20	19.07	19.05	19.15	20.5	3.5
15	256QAM	36	39	19.14	19.05	19.13		
15	256QAM	75	0	19.27	19.26	19.25		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.34	22.43	22.40		
10	QPSK	1	25	22.08	22.37	22.23	24	0
10	QPSK	1	49	22.14	22.26	22.28		
10	QPSK	25	0	22.27	22.50	22.39		
10	QPSK	25	12	22.20	22.29	22.21	24	0
10	QPSK	25	25	22.15	22.21	22.21		
10	QPSK	50	0	22.24	22.34	22.35		
10	16QAM	1	0	22.17	22.24	22.12		
10	16QAM	1	25	22.26	22.29	22.31	24	0
10	16QAM	1	49	22.03	22.27	22.24		
10	16QAM	25	0	21.92	21.96	22.16		
10	16QAM	25	12	22.04	22.11	22.09	23.5	0.5
10	16QAM	25	25	22.18	21.97	22.15		
10	16QAM	50	0	22.06	21.95	22.12		
10	64QAM	1	0	22.07	21.98	22.10		
10	64QAM	1	25	22.03	22.07	22.03	23.5	0.5
10	64QAM	1	49	22.07	22.14	22.10		
10	64QAM	25	0	22.16	22.13	22.02		
10	64QAM	25	12	22.08	22.21	22.09	22.5	1.5
10	64QAM	25	25	22.04	22.12	22.16		
10	64QAM	50	0	22.12	22.11	21.94		
10	256QAM	1	0	19.04	19.18	19.03		
10	256QAM	1	25	19.22	19.26	19.29	20.5	3.5
10	256QAM	1	49	19.07	19.20	19.34		
10	256QAM	25	0	19.15	19.14	19.08		
10	256QAM	25	12	19.12	19.02	19.21	20.5	3.5
10	256QAM	25	25	19.15	19.05	19.18		
10	256QAM	50	0	19.23	19.10	19.13		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.35	22.58	22.50		
5	QPSK	1	12	22.09	22.34	22.23	24	0
5	QPSK	1	24	22.17	22.14	22.39		
5	QPSK	12	0	22.31	22.37	22.38		
5	QPSK	12	7	22.33	22.20	22.26	24	0
5	QPSK	12	13	22.13	22.22	22.34		
5	QPSK	25	0	22.31	22.31	22.36		
5	16QAM	1	0	22.33	22.28	22.23		
5	16QAM	1	12	22.20	22.29	22.20	24	0
5	16QAM	1	24	22.10	22.26	22.42		
5	16QAM	12	0	21.94	22.03	22.16		
5	16QAM	12	7	22.07	22.21	22.07	23.5	0.5
5	16QAM	12	13	22.01	22.00	22.06		
5	16QAM	25	0	22.08	22.07	22.14		
5	64QAM	1	0	22.11	21.92	22.04		
5	64QAM	1	12	22.15	21.96	22.06	23.5	0.5
5	64QAM	1	24	22.04	22.12	22.00		
5	64QAM	12	0	22.11	22.07	22.00		
5	64QAM	12	7	21.95	22.04	22.07	22.5	1.5
5	64QAM	12	13	22.12	22.10	22.02		
5	64QAM	25	0	22.12	22.05	21.98		
5	256QAM	1	0	19.04	19.21	19.15		
5	256QAM	1	12	19.24	19.15	19.18	20.5	3.5
5	256QAM	1	24	19.05	19.15	19.25		
5	256QAM	12	0	19.29	19.18	19.15		
5	256QAM	12	7	19.02	19.13	19.25	20.5	3.5
5	256QAM	12	13	19.18	19.10	19.09		
5	256QAM	25	0	19.20	19.11	19.19		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.35	22.43	22.40		
3	QPSK	1	8	22.11	22.32	22.29	24	0
3	QPSK	1	14	22.28	22.14	22.32		
3	QPSK	8	0	22.39	22.35	22.35		
3	QPSK	8	4	22.20	22.15	22.11	24	0
3	QPSK	8	7	22.25	22.28	22.29		
3	QPSK	15	0	22.16	22.36	22.35		
3	16QAM	1	0	22.17	22.21	22.11		
3	16QAM	1	8	22.09	22.32	22.29	24	0
3	16QAM	1	14	22.06	22.17	22.36		
3	16QAM	8	0	22.00	22.05	22.04		
3	16QAM	8	4	22.01	22.12	22.23	23.5	0.5
3	16QAM	8	7	22.01	21.97	22.20		
3	16QAM	15	0	22.12	22.05	22.19		
3	64QAM	1	0	22.10	22.08	21.99		
3	64QAM	1	8	22.07	21.98	22.08	23.5	0.5
3	64QAM	1	14	21.91	21.99	22.12		
3	64QAM	8	0	22.22	22.07	21.95		
3	64QAM	8	4	21.98	22.17	22.10	22.5	1.5
3	64QAM	8	7	22.04	22.16	22.16		
3	64QAM	15	0	22.00	22.06	22.06		
3	256QAM	1	0	19.21	19.28	19.16		
3	256QAM	1	8	19.15	19.23	19.25	20.5	3.5
3	256QAM	1	14	19.00	19.02	19.20		
3	256QAM	8	0	19.26	19.16	19.09		
3	256QAM	8	4	19.13	19.17	19.09	20.5	3.5
3	256QAM	8	7	19.20	19.03	19.09		
3	256QAM	15	0	19.26	19.19	19.19		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.40	22.40	22.40		
1.4	QPSK	1	3	22.44	22.41	22.47		
1.4	QPSK	1	5	22.43	22.40	22.41	24	0
1.4	QPSK	3	0	22.46	22.52	22.52		
1.4	QPSK	3	1	22.41	22.49	22.48		
1.4	QPSK	3	3	22.29	22.51	22.46		
1.4	QPSK	6	0	22.38	22.57	22.36	24	0
1.4	16QAM	1	0	22.35	22.41	22.37		
1.4	16QAM	1	3	22.46	22.39	22.42		
1.4	16QAM	1	5	22.35	22.42	22.50	24	0
1.4	16QAM	3	0	22.37	22.39	22.35		
1.4	16QAM	3	1	22.43	22.47	22.41		
1.4	16QAM	3	3	22.29	22.55	22.34		
1.4	16QAM	6	0	22.04	22.01	22.11	23.5	0.5
1.4	64QAM	1	0	22.12	22.01	22.12		
1.4	64QAM	1	3	22.14	22.07	22.16		
1.4	64QAM	1	5	22.17	21.92	22.09	23.5	0.5
1.4	64QAM	3	0	22.13	21.98	22.10		
1.4	64QAM	3	1	22.08	22.08	21.99		
1.4	64QAM	3	3	22.12	22.05	22.15		
1.4	64QAM	6	0	21.06	21.05	21.06	22.5	1.5
1.4	256QAM	1	0	18.90	18.92	18.76		
1.4	256QAM	1	3	18.93	19.06	19.02		
1.4	256QAM	1	5	19.10	19.09	18.77	20.5	3.5
1.4	256QAM	3	0	18.60	19.09	18.80		
1.4	256QAM	3	1	18.70	18.93	18.66		
1.4	256QAM	3	3	18.77	18.71	18.68		
1.4	256QAM	6	0	18.78	18.71	18.76	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		37850	38000	38150		
		Frequency (MHz)		2580	2595	2610		
20	QPSK	1	0	22.71	22.85	22.77		
20	QPSK	1	49	22.45	22.60	22.56	24	0
20	QPSK	1	99	22.62	22.53	22.64		
20	QPSK	50	0	22.63	22.76	22.62		
20	QPSK	50	24	22.58	22.63	22.49	24	0
20	QPSK	50	50	22.56	22.52	22.62		
20	QPSK	100	0	22.59	22.71	22.64		
20	16QAM	1	0	22.56	22.68	22.59		
20	16QAM	1	49	22.53	22.58	22.61	24	0
20	16QAM	1	99	22.44	22.60	22.67		
20	16QAM	50	0	22.40	22.34	22.47		
20	16QAM	50	24	22.31	22.41	22.44	23.5	0.5
20	16QAM	50	50	22.42	22.39	22.39		
20	16QAM	100	0	22.43	22.33	22.43		
20	64QAM	1	0	22.47	22.35	22.32		
20	64QAM	1	49	22.33	22.42	22.25	23.5	0.5
20	64QAM	1	99	22.35	22.37	22.43		
20	64QAM	50	0	21.40	21.49	21.27		
20	64QAM	50	24	21.19	21.41	21.30	22.5	1.5
20	64QAM	50	50	21.43	21.45	21.40		
20	64QAM	100	0	21.45	21.43	21.34		
20	256QAM	1	0	19.37	19.56	19.37		
20	256QAM	1	49	19.45	19.49	19.42	20.5	3.5
20	256QAM	1	99	19.45	19.38	19.47		
20	256QAM	50	0	19.48	19.52	19.40		
20	256QAM	50	24	19.40	19.31	19.41	20.5	3.5
20	256QAM	50	50	19.51	19.27	19.53		
20	256QAM	100	0	19.53	19.44	19.45		
		Channel		37825	38000	38175	Tune-up limit	MPR
		Frequency (MHz)		2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.77	22.81	22.78		
15	QPSK	1	37	22.49	22.63	22.72	24	0
15	QPSK	1	74	22.52	22.47	22.63		
15	QPSK	36	0	22.54	22.74	22.65		
15	QPSK	36	20	22.47	22.51	22.42	24	0
15	QPSK	36	39	22.49	22.48	22.69		
15	QPSK	75	0	22.55	22.64	22.60		
15	16QAM	1	0	22.57	22.63	22.60		
15	16QAM	1	37	22.56	22.53	22.50	24	0
15	16QAM	1	74	22.35	22.62	22.70		
15	16QAM	36	0	22.30	22.28	22.41		
15	16QAM	36	20	22.35	22.46	22.41	23.5	0.5
15	16QAM	36	39	22.34	22.25	22.51		
15	16QAM	75	0	22.51	22.31	22.55		
15	64QAM	1	0	22.47	22.34	22.34		
15	64QAM	1	37	22.50	22.30	22.32	23.5	0.5
15	64QAM	1	74	22.39	22.47	22.32		
15	64QAM	36	0	21.39	21.40	21.38		
15	64QAM	36	20	21.39	21.46	21.45	22.5	1.5
15	64QAM	36	39	21.41	21.33	21.46		
15	64QAM	75	0	21.36	21.30	21.38		
15	256QAM	1	0	19.43	19.54	19.36		
15	256QAM	1	37	19.39	19.47	19.44	20.5	3.5
15	256QAM	1	74	19.35	19.43	19.61		
15	256QAM	36	0	19.57	19.42	19.40		
15	256QAM	36	20	19.35	19.37	19.48	20.5	3.5
15	256QAM	36	39	19.52	19.29	19.51		
15	256QAM	75	0	19.54	19.37	19.43		
		Channel		37800	38000	38200	Tune-up limit	MPR
		Frequency (MHz)		2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.75	22.79	22.75		
10	QPSK	1	25	22.37	22.52	22.55	24	0
10	QPSK	1	49	22.52	22.61	22.54		
10	QPSK	25	0	22.57	22.82	22.59		
10	QPSK	25	12	22.61	22.49	22.41	24	0
10	QPSK	25	25	22.46	22.62	22.60		
10	QPSK	50	0	22.51	22.71	22.55		
10	16QAM	1	0	22.46	22.56	22.47		
10	16QAM	1	25	22.50	22.53	22.49	24	0
10	16QAM	1	49	22.45	22.57	22.60		
10	16QAM	25	0	22.39	22.36	22.41		
10	16QAM	25	12	22.20	22.47	22.53	23.5	0.5
10	16QAM	25	25	22.40	22.29	22.33		
10	16QAM	50	0	22.39	22.36	22.36		
10	64QAM	1	0	22.34	22.35	22.38		
10	64QAM	1	25	22.51	22.35	22.24	23.5	0.5
10	64QAM	1	49	22.27	22.44	22.41		
10	64QAM	25	0	21.44	21.31	21.30		
10	64QAM	25	12	21.31	21.33	21.29	22.5	1.5
10	64QAM	25	25	21.30	21.34	21.27		
10	64QAM	50	0	21.40	21.34	21.30		
10	256QAM	1	0	19.32	19.47	19.43		
10	256QAM	1	25	19.40	19.57	19.58	20.5	3.5
10	256QAM	1	49	19.42	19.33	19.53		
10	256QAM	25	0	19.53	19.50	19.36		
10	256QAM	25	12	19.44	19.31	19.38	20.5	3.5
10	256QAM	25	25	19.50	19.33	19.56		
10	256QAM	50	0	19.65	19.43	19.44		
		Channel		37775	38000	38225	Tune-up limit	MPR
		Frequency (MHz)		2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.58	22.69	22.64		
5	QPSK	1	12	22.49	22.66	22.71	24	0
5	QPSK	1	24	22.61	22.42	22.59		
5	QPSK	12	0	22.63	22.82	22.60		
5	QPSK	12	7	22.59	22.63	22.53	24	0
5	QPSK	12	13	22.51	22.50	22.68		
5	QPSK	25	0	22.56	22.69	22.62		
5	16QAM	1	0	22.48	22.56	22.44		
5	16QAM	1	12	22.41	22.53	22.63	24	0
5	16QAM	1	24	22.43	22.58	22.61		
5	16QAM	12	0	22.34	22.29	22.51		
5	16QAM	12	7	22.25	22.43	22.57	23.5	0.5
5	16QAM	12	13	22.46	22.29	22.50		
5	16QAM	25	0	22.51	22.33	22.47		
5	64QAM	1	0	22.37	22.23	22.38		
5	64QAM	1	12	22.46	22.34	22.35	23.5	0.5
5	64QAM	1	24	22.30	22.44	22.39		
5	64QAM	12	0	21.39	21.43	21.32		
5	64QAM	12	7	21.39	21.47	21.36	22.5	1.5
5	64QAM	12	13	21.46	21.32	21.34		
5	64QAM	25	0	21.40	21.40	21.33		
5	256QAM	1	0	19.47	19.49	19.34		
5	256QAM	1	12	19.49	19.53	19.51	20.5	3.5
5	256QAM	1	24	19.40	19.40	19.63		
5	256QAM	12	0	19.56	19.47	19.40		
5	256QAM	12	7	19.48	19.30	19.51	20.5	3.5
5	256QAM	12	13	19.48	19.36	19.58		
5	256QAM	25	0	19.53	19.40	19.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		39750	40185	40620	41055	41490		
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.68	22.76	22.79	22.65	22.61		
20	QPSK	1	49	22.56	22.60	22.59	22.64	22.70	24	0
20	QPSK	1	99	22.49	22.52	22.65	22.71	22.68		
20	QPSK	50	0	22.61	22.70	22.72	22.63	22.57		
20	QPSK	50	24	22.62	22.58	22.54	22.65	22.68	24	0
20	QPSK	50	50	22.58	22.60	22.53	22.59	22.53		
20	QPSK	100	0	22.57	22.64	22.68	22.50	22.52		
20	16QAM	1	0	22.48	22.57	22.65	22.63	22.64		
20	16QAM	1	49	22.46	22.59	22.53	22.70	22.58	24	0
20	16QAM	1	99	22.48	22.54	22.56	22.59	22.69		
20	16QAM	50	0	22.28	22.51	22.40	22.38	22.57		
20	16QAM	50	24	22.28	22.53	22.52	22.47	22.46	23.5	0.5
20	16QAM	50	50	22.19	22.43	22.54	22.41	22.55		
20	16QAM	100	0	22.24	22.49	22.42	22.54	22.39		
20	64QAM	1	0	22.36	22.54	22.52	22.43	22.54		
20	64QAM	1	49	22.36	22.45	22.43	22.49	22.53	23.5	0.5
20	64QAM	1	99	22.24	22.48	22.40	22.50	22.45		
20	64QAM	50	0	21.79	21.82	21.80	21.78	21.82		
20	64QAM	50	24	21.87	21.75	21.88	21.82	21.82	22.5	1.5
20	64QAM	50	50	21.71	21.76	21.74	21.78	21.75		
20	64QAM	100	0	21.84	21.69	21.78	21.72	21.85		
20	256QAM	1	0	19.56	19.66	19.56	19.54	19.72		
20	256QAM	1	49	19.65	19.66	19.62	19.63	19.65	20.5	3.5
20	256QAM	1	99	19.58	19.62	19.64	19.61	19.71		
20	256QAM	50	0	19.57	19.53	19.67	19.64	19.58		
20	256QAM	50	24	19.69	19.66	19.64	19.71	19.65	20.5	3.5
20	256QAM	50	50	19.65	19.57	19.61	19.61	19.55		
20	256QAM	100	0	19.72	19.68	19.66	19.57	19.62		
		Channel		39725	40173	40620	41068	41515	Tune-up limit	MPR
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	22.53	22.60	22.63	22.56	22.55		
15	QPSK	1	37	22.46	22.52	22.44	22.59	22.58	24	0
15	QPSK	1	74	22.31	22.37	22.54	22.68	22.52		
15	QPSK	36	0	22.48	22.63	22.72	22.62	22.41		
15	QPSK	36	20	22.50	22.49	22.41	22.49	22.64	24	0
15	QPSK	36	39	22.43	22.44	22.43	22.57	22.43		
15	QPSK	75	0	22.38	22.58	22.55	22.48	22.37		
15	16QAM	1	0	22.32	22.57	22.47	22.58	22.58		
15	16QAM	1	37	22.27	22.39	22.48	22.66	22.45	24	0
15	16QAM	1	74	22.48	22.35	22.46	22.57	22.51		
15	16QAM	36	0	22.10	22.41	22.39	22.22	22.49		
15	16QAM	36	20	22.17	22.52	22.45	22.40	22.42	23.5	0.5
15	16QAM	36	39	22.22	22.23	22.36	22.30	22.36		
15	16QAM	75	0	22.09	22.31	22.24	22.40	22.36		
15	64QAM	1	0	22.33	22.53	22.41	22.26	22.41		
15	64QAM	1	37	22.34	22.25	22.26	22.45	22.43	23.5	0.5
15	64QAM	1	74	22.23	22.33	22.22	22.36	22.25		
15	64QAM	36	0	21.61	21.66	21.71	21.62	21.77		
15	64QAM	36	20	21.72	21.67	21.76	21.73	21.71	22.5	1.5
15	64QAM	36	39	21.53	21.60	21.70	21.60	21.56		
15	64QAM	75	0	21.83	21.54	21.62	21.55	21.72		
15	256QAM	1	0	19.38	19.51	19.55	19.41	19.54		
15	256QAM	1	37	19.47	19.48	19.58	19.62	19.59	20.5	3.5
15	256QAM	1	74	19.50	19.47	19.60	19.52	19.58		
15	256QAM	36	0	19.48	19.33	19.48	19.49	19.55		
15	256QAM	36	20	19.61	19.48	19.45	19.57	19.49	20.5	3.5
15	256QAM	36	39	19.63	19.40	19.45	19.58	19.45		
15	256QAM	75	0	19.52	19.64	19.63	19.49	19.52		
		Channel		39700	40160	40620	41080	41540	Tune-up limit	MPR
		Frequency (MHz)		2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.56	22.63	22.72	22.63	22.57		
10	QPSK	1	25	22.47	22.54	22.52	22.50	22.54	24	0
10	QPSK	1	49	22.34	22.50	22.48	22.63	22.62		
10	QPSK	25	0	22.59	22.51	22.68	22.54	22.53		
10	QPSK	25	12	22.56	22.47	22.36	22.57	22.57	24	0
10	QPSK	25	25	22.44	22.50	22.41	22.58	22.42		
10	QPSK	50	0	22.38	22.59	22.64	22.44	22.37		
10	16QAM	1	0	22.29	22.43	22.60	22.50	22.63		
10	16QAM	1	25	22.31	22.42	22.41	22.64	22.55	24	0
10	16QAM	1	49	22.36	22.43	22.40	22.40	22.57		
10	16QAM	25	0	22.16	22.46	22.37	22.28	22.51		
10	16QAM	25	12	22.24	22.52	22.34	22.28	22.43	23.5	0.5
10	16QAM	25	25	22.04	22.40	22.51	22.29	22.44		
10	16QAM	50	0	22.17	22.42	22.37	22.39	22.20		
10	64QAM	1	0	22.24	22.51	22.42	22.37	22.49		
10	64QAM	1	25	22.25	22.37	22.43	22.35	22.47	23.5	0.5
10	64QAM	1	49	22.20	22.29	22.40	22.38	22.40		
10	64QAM	25	0	21.73	21.71	21.74	21.60	21.77		
10	64QAM	25	12	21.77	21.59	21.77	21.80	21.74	22.5	1.5
10	64QAM	25	25	21.51	21.74	21.62	21.64	21.64		
10	64QAM	50	0	21.79	21.54	21.71	21.70	21.74		
10	256QAM	1	0	19.39	19.48	19.47	19.36	19.64		
10	256QAM	1	25	19.59	19.64	19.54	19.61	19.49	20.5	3.5
10	256QAM	1	49	19.41	19.44	19.56	19.61	19.70		
10	256QAM	25	0	19.55	19.50	19.66	19.48	19.56		
10	256QAM	25	12	19.59	19.57	19.49	19.61	19.49	20.5	3.5
10	256QAM	25	25	19.56	19.42	19.59	19.58	19.42		
10	256QAM	50	0	19.66	19.60	19.62	19.47	19.42		
		Channel		39675	40148	40620	41093	41565	Tune-up limit	MPR
		Frequency (MHz)		2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	22.62	22.59	22.78	22.54	22.52		
5	QPSK	1	12	22.53	22.46	22.48	22.63	22.51	24	0
5	QPSK	1	24	22.48	22.43	22.56	22.62	22.64		
5	QPSK	12	0	22.49	22.60	22.65	22.55	22.51		
5	QPSK	12	7	22.47	22.55	22.46	22.45	22.62	24	0
5	QPSK	12	13	22.47	22.44	22.37	22.42	22.33		
5	QPSK	25	0	22.56	22.49	22.66	22.49	22.35		
5	16QAM	1	0	22.47	22.39	22.50	22.53	22.53		
5	16QAM	1	12	22.32	22.58	22.52	22.69	22.53	24	0
5	16QAM	1	24	22.47	22.47	22.54	22.47	22.49		
5	16QAM	12	0	22.24	22.48	22.20	22.31	22.56		
5	16QAM	12	7	22.19	22.39	22.44	22.33	22.38	23.5	0.5
5	16QAM	12	13	22.09	22.41	22.49	22.33	22.47		
5	16QAM	25	0	22.07	22.38	22.41	22.35	22.35		
5	64QAM	1	0	22.17	22.52	22.33	22.26	22.54		
5	64QAM	1	12	22.23	22.42	22.28	22.36	22.45	23.5	0.5
5	64QAM	1	24	22.22	22.38	22.21	22.30	22.28		
5	64QAM	12	0	21.76	21.75	21.66	21.71	21.79		
5	64QAM	12	7	21.67	21.66	21.87	21.69	21.66	22.5	1.5
5	64QAM	12	13	21.66	21.72	21.67	21.60	21.80		
5	64QAM	25	0	21.72	21.59	21.64	21.62	21.70		
5	256QAM	1	0	19.39	19.60	19.40	19.49	19.63		
5	256QAM	1	12	19.50	19.49	19.57	19.57	19.46	20.5	3.5
5	256QAM	1	24	19.49	19.52	19.63	19.56	19.70		
5	256QAM	12	0	19.45	19.42	19.61	19.52	19.47		
5	256QAM	12	7	19.51	19.64	19.62	19.53	19.62	20.5	3.5
5	256QAM	12	13	19.52	19.51	19.60	19.56	19.41		
5	256QAM	25	0	19.53	19.65	19.66	19.41	19.43		

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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	24.50	24.58	24.62	24.52	24.41		
20	QPSK	1	49	24.37	24.50	24.54	24.37	24.34	26	0
20	QPSK	1	99	24.33	24.54	24.44	24.46	24.25		
20	QPSK	50	0	24.46	24.52	24.57	24.45	24.35		
20	QPSK	50	24	24.49	24.38	24.47	24.32	24.23	26	0
20	QPSK	50	50	24.37	24.39	24.54	24.41	24.40		
20	QPSK	100	0	24.38	24.46	24.53	24.36	24.32		
20	16QAM	1	0	24.33	24.46	24.60	24.37	24.23		
20	16QAM	1	49	24.37	24.40	24.53	24.44	24.30	26	0
20	16QAM	1	99	24.43	24.50	24.45	24.41	24.26		
20	16QAM	50	0	24.33	24.43	24.48	24.51	24.29		
20	16QAM	50	24	24.40	24.48	24.46	24.49	24.29	26	0
20	16QAM	50	50	24.43	24.49	24.45	24.41	24.33		
20	16QAM	100	0	24.45	24.58	24.55	24.41	24.22		
20	64QAM	1	0	24.41	24.56	24.43	24.46	24.25		
20	64QAM	1	49	24.41	24.40	24.54	24.43	24.24	26	0
20	64QAM	1	99	24.33	24.54	24.59	24.36	24.31		
20	64QAM	50	0	24.49	24.45	24.55	24.45	24.27		
20	64QAM	50	24	24.49	24.45	24.47	24.35	24.34	26	0
20	64QAM	50	50	24.37	24.52	24.46	24.47	24.41		
20	64QAM	100	0	24.48	24.45	24.45	24.48	24.38		
20	256QAM	1	0	22.58	22.55	22.54	22.47	22.50		
20	256QAM	1	49	22.48	22.53	22.54	22.53	22.60	24	2
20	256QAM	1	99	22.51	22.55	22.53	22.63	22.49		
20	256QAM	50	0	22.65	22.48	22.56	22.47	22.50		
20	256QAM	50	24	22.48	22.56	22.50	22.46	22.60	24	2
20	256QAM	50	50	22.52	22.47	22.53	22.56	22.54		
20	256QAM	100	0	22.58	22.56	22.56	22.49	22.62		
		Channel		39725	40173	40620	41068	41515	Tune-up limit	MPR
		Frequency (MHz)		2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	24.38	24.39	24.56	24.50	24.30		
15	QPSK	1	37	24.28	24.48	24.35	24.21	24.17	26	0
15	QPSK	1	74	24.28	24.47	24.37	24.31	24.25		
15	QPSK	36	0	24.41	24.38	24.41	24.36	24.32		
15	QPSK	36	20	24.34	24.33	24.38	24.22	24.11	26	0
15	QPSK	36	39	24.21	24.31	24.39	24.26	24.33		
15	QPSK	75	0	24.32	24.39	24.48	24.22	24.28		
15	16QAM	1	0	24.18	24.40	24.55	24.18	24.09		
15	16QAM	1	37	24.18	24.38	24.36	24.29	24.11	26	0
15	16QAM	1	74	24.32	24.34	24.28	24.21	24.10		
15	16QAM	36	0	24.20	24.40	24.34	24.39	24.22		
15	16QAM	36	20	24.36	24.39	24.41	24.40	24.14	26	0
15	16QAM	36	39	24.40	24.42	24.40	24.34	24.18		
15	16QAM	75	0	24.40	24.52	24.38	24.37	24.02		
15	64QAM	1	0	24.28	24.40	24.35	24.28	24.16		
15	64QAM	1	37	24.38	24.28	24.46	24.24	24.17	26	0
15	64QAM	1	74	24.17	24.37	24.55	24.22	24.21		
15	64QAM	36	0	24.34	24.38	24.42	24.33	24.22		
15	64QAM	36	20	24.42	24.38	24.34	24.21	24.15	26	0
15	64QAM	36	39	24.27	24.48	24.26	24.42	24.34		
15	64QAM	75	0	24.36	24.25	24.26	24.34	24.37		
15	256QAM	1	0	22.56	22.36	22.49	22.46	22.35		
15	256QAM	1	37	22.37	22.44	22.37	22.46	22.51	24	2
15	256QAM	1	74	22.40	22.42	22.41	22.60	22.43		
15	256QAM	36	0	22.46	22.48	22.37	22.38	22.37		
15	256QAM	36	20	22.34	22.52	22.43	22.29	22.46	24	2
15	256QAM	36	39	22.47	22.41	22.38	22.52	22.47		
15	256QAM	75	0	22.43	22.48	22.41	22.29	22.45		
		Channel		39700	40160	40620	41080	41540	Tune-up limit	MPR
		Frequency (MHz)		2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	24.49	24.41	24.59	24.47	24.26		
10	QPSK	1	25	24.21	24.36	24.50	24.25	24.27	26	0
10	QPSK	1	49	24.20	24.45	24.31	24.30	24.16		
10	QPSK	25	0	24.41	24.40	24.55	24.33	24.23		
10	QPSK	25	12	24.32	24.26	24.40	24.28	24.07	26	0
10	QPSK	25	25	24.29	24.29	24.39	24.22	24.23		
10	QPSK	50	0	24.25	24.38	24.35	24.33	24.18		
10	16QAM	1	0	24.31	24.40	24.58	24.25	24.09		
10	16QAM	1	25	24.35	24.33	24.41	24.36	24.24	26	0
10	16QAM	1	49	24.30	24.32	24.43	24.39	24.25		
10	16QAM	25	0	24.24	24.26	24.44	24.47	24.11		
10	16QAM	25	12	24.28	24.31	24.30	24.42	24.26	26	0
10	16QAM	25	25	24.36	24.34	24.27	24.29	24.30		
10	16QAM	50	0	24.28	24.41	24.40	24.22	24.18		
10	64QAM	1	0	24.29	24.41	24.35	24.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.19	23.22	23.07	24	0
20	QPSK	1	49	23.08	23.14	23.02		
20	QPSK	1	99	22.94	23.09	22.95		
20	QPSK	50	0	22.23	22.33	22.18	23	1
20	QPSK	50	24	22.22	22.27	22.20		
20	QPSK	50	50	22.18	22.22	22.14		
20	QPSK	100	0	22.21	22.29	22.22		
20	16QAM	1	0	22.13	22.20	22.16	23	1
20	16QAM	1	49	21.99	22.14	22.10		
20	16QAM	1	99	21.98	22.10	21.97		
20	16QAM	50	0	21.22	21.27	21.17	22	2
20	16QAM	50	24	21.12	21.19	21.07		
20	16QAM	50	50	21.17	21.23	21.09		
20	16QAM	100	0	21.05	21.17	21.06		
20	64QAM	1	0	21.13	21.26	21.22	22	2
20	64QAM	1	49	21.14	21.20	21.15		
20	64QAM	1	99	21.07	21.16	21.10		
20	64QAM	50	0	20.13	20.26	20.14	21	3
20	64QAM	50	24	20.06	20.17	20.13		
20	64QAM	50	50	20.14	20.22	20.11		
20	64QAM	100	0	20.02	20.14	20.01		
20	256QAM	1	0	19.86	19.92	19.79	20	4
20	256QAM	1	49	19.83	19.89	19.84		
20	256QAM	1	99	19.77	19.84	19.70		
20	256QAM	50	0	19.88	19.94	19.80	20	4
20	256QAM	50	24	19.75	19.84	19.80		
20	256QAM	50	50	19.84	19.90	19.82		
20	256QAM	100	0	19.86	19.96	19.91		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.08	23.15	22.95	24	0
15	QPSK	1	37	22.98	23.08	22.90		
15	QPSK	1	74	22.82	22.98	22.83		
15	QPSK	36	0	22.09	22.20	22.15	23	1
15	QPSK	36	20	22.17	22.22	22.13		
15	QPSK	36	39	22.11	22.11	21.99		
15	QPSK	75	0	22.13	22.17	22.10		
15	16QAM	1	0	22.07	22.10	22.06	23	1
15	16QAM	1	37	21.86	22.03	22.02		
15	16QAM	1	74	21.88	22.02	21.89		
15	16QAM	36	0	21.10	21.14	21.05	22	2
15	16QAM	36	20	20.99	21.06	21.03		
15	16QAM	36	39	21.12	21.10	20.98		
15	16QAM	75	0	21.02	21.14	20.96		
15	64QAM	1	0	21.03	21.17	21.13	22	2
15	64QAM	1	37	21.07	21.11	21.02		
15	64QAM	1	74	20.93	21.05	21.02		
15	64QAM	36	0	20.03	20.11	20.06	21	3
15	64QAM	36	20	19.94	20.11	20.09		
15	64QAM	36	39	20.05	20.13	20.06		
15	64QAM	75	0	19.94	20.04	19.94		
15	256QAM	1	0	19.72	19.78	19.74	20	4
15	256QAM	1	37	19.79	19.80	19.81		
15	256QAM	1	74	19.71	19.74	19.58		
15	256QAM	36	0	19.74	19.85	19.72	20	4
15	256QAM	36	20	19.67	19.76	19.65		
15	256QAM	36	39	19.79	19.86	19.72		
15	256QAM	75	0	19.82	19.88	19.85		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.04	23.16	22.97	24	0
10	QPSK	1	25	23.04	23.08	22.91		
10	QPSK	1	49	22.82	23.00	22.83		
10	QPSK	25	0	22.16	22.23	22.06	23	1
10	QPSK	25	12	22.14	22.17	22.17		
10	QPSK	25	25	22.03	22.16	22.04		
10	QPSK	50	0	22.11	22.26	22.08		
10	16QAM	1	0	22.05	22.10	22.04	23	1
10	16QAM	1	25	21.93	22.08	22.03		
10	16QAM	1	49	21.91	22.04	21.87		
10	16QAM	25	0	21.08	21.12	21.12	22	2
10	16QAM	25	12	21.03	21.11	21.00		
10	16QAM	25	25	21.11	21.13	21.02		
10	16QAM	50	0	21.01	21.06	21.03		
10	64QAM	1	0	21.03	21.13	21.14	22	2
10	64QAM	1	25	21.06	21.16	21.10		
10	64QAM	1	49	21.03	21.12	21.05		
10	64QAM	25	0	20.00	20.11	20.04	21	3
10	64QAM	25	12	19.92	20.13	20.03		
10	64QAM	25	25	20.10	20.17	20.03		
10	64QAM	50	0	19.91	20.06	19.90		
10	256QAM	1	0	19.74	19.83	19.71	20	4
10	256QAM	1	25	19.80	19.77	19.70		
10	256QAM	1	49	19.74	19.70	19.58		
10	256QAM	25	0	19.81	19.82	19.67	20	4
10	256QAM	25	12	19.63	19.73	19.67		
10	256QAM	25	25	19.80	19.77	19.72		
10	256QAM	50	0	19.83	19.87	19.82		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.14	23.18	22.93	24	0
5	QPSK	1	12	22.95	23.03	22.96		
5	QPSK	1	24	22.79	23.02	22.92		
5	QPSK	12	0	22.10	22.26	22.05	23	1
5	QPSK	12	7	22.18	22.16	22.16		
5	QPSK	12	13	22.15	22.17	22.08		
5	QPSK	25	0	22.18	22.24	22.10		
5	16QAM	1	0	22.05	22.14	22.01	23	1
5	16QAM	1	12	21.92	22.10	22.02		
5	16QAM	1	24	21.92	22.01	21.88		
5	16QAM	12	0	21.10	21.20	21.12	22	2
5	16QAM	12	7	20.98	21.05	20.98		
5	16QAM	12	13	21.05	21.17	21.05		
5	16QAM	25	0	20.93	21.14	21.00		
5	64QAM	1	0	21.01	21.18	21.07	22	2
5	64QAM	1	12	21.01	21.17	21.12		
5	64QAM	1	24	20.99	21.10	20.96		
5	64QAM	12	0	20.07	20.20	20.07	21	3
5	64QAM	12	7	20.02	20.03	20.04		
5	64QAM	12	13	20.06	20.19	20.03		
5	64QAM	25	0	19.94	20.01	19.86		
5	256QAM	1	0	19.81	19.86	19.74	20	4
5	256QAM	1	12	19.76	19.82	19.70		
5	256QAM	1	24	19.66	19.71	19.58		
5	256QAM	12	0	19.82	19.86	19.72	20	4
5	256QAM	12	7	19.66	19.75	19.70		
5	256QAM	12	13	19.70	19.77	19.77		
5	256QAM	25	0	19.77	19.86	19.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.78	22.88	22.72	24	0
20	QPSK	1	49	22.75	22.80	22.67		
20	QPSK	1	99	22.68	22.75	22.70		
20	QPSK	50	0	21.88	21.91	21.81	23	1
20	QPSK	50	24	21.75	21.85	21.73		
20	QPSK	50	50	21.71	21.80	21.73		
20	QPSK	100	0	21.76	21.87	21.76		
20	16QAM	1	0	21.36	21.47	21.34	23	1
20	16QAM	1	49	21.26	21.41	21.32		
20	16QAM	1	99	21.32	21.37	21.30		
20	16QAM	50	0	20.55	20.68	20.57	22	2
20	16QAM	50	24	20.56	20.60	20.47		
20	16QAM	50	50	20.49	20.64	20.50		
20	16QAM	100	0	20.50	20.58	20.52		
20	64QAM	1	0	20.65	20.72	20.67	22	2
20	64QAM	1	49	20.54	20.66	20.56		
20	64QAM	1	99	20.54	20.62	20.49		
20	64QAM	50	0	19.55	19.63	19.48	21	3
20	64QAM	50	24	19.49	19.54	19.43		
20	64QAM	50	50	19.48	19.59	19.48		
20	64QAM	100	0	19.41	19.51	19.39		
20	256QAM	1	0	19.09	19.19	19.06	20	4
20	256QAM	1	49	19.10	19.16	19.10		
20	256QAM	1	99	18.99	19.11	19.03		
20	256QAM	50	0	19.22	19.36	19.28	20	4
20	256QAM	50	24	19.20	19.26	19.12		
20	256QAM	50	50	19.21	19.32	19.19		
20	256QAM	100	0	19.35	19.43	19.37		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.67	22.77	22.64	24	0
15	QPSK	1	37	22.64	22.68	22.57		
15	QPSK	1	74	22.63	22.67	22.60		
15	QPSK	36	0	21.76	21.84	21.76	23	1
15	QPSK	36	20	21.65	21.76	21.59		
15	QPSK	36	39	21.59	21.69	21.66		
15	QPSK	75	0	21.71	21.84	21.62		
15	16QAM	1	0	21.27	21.44	21.27	23	1
15	16QAM	1	37	21.15	21.27	21.22		
15	16QAM	1	74	21.21	21.33	21.23		
15	16QAM	36	0	20.50	20.54	20.52	22	2
15	16QAM	36	20	20.42	20.51	20.38		
15	16QAM	36	39	20.36	20.56	20.43		
15	16QAM	75	0	20.39	20.55	20.38		
15	64QAM	1	0	20.52	20.60	20.55	22	2
15	64QAM	1	37	20.42	20.62	20.50		
15	64QAM	1	74	20.45	20.57	20.45		
15	64QAM	36	0	19.41	19.56	19.34	21	3
15	64QAM	36	20	19.41	19.49	19.40		
15	64QAM	36	39	19.40	19.49	19.36		
15	64QAM	75	0	19.33	19.39	19.26		
15	256QAM	1	0	19.01	19.06	18.92	20	4
15	256QAM	1	37	19.03	19.11	19.04		
15	256QAM	1	74	18.91	19.01	18.95		
15	256QAM	36	0	19.08	19.24	19.24	20	4
15	256QAM	36	20	19.15	19.21	19.08		
15	256QAM	36	39	19.08	19.27	19.08		
15	256QAM	75	0	19.26	19.34	19.26		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	22.73	22.84	22.58	24	0
10	QPSK	1	25	22.65	22.74	22.62		
10	QPSK	1	49	22.61	22.65	22.64		
10	QPSK	25	0	21.75	21.82	21.77	23	1
10	QPSK	25	12	21.64	21.77	21.63		
10	QPSK	25	25	21.62	21.75	21.63		
10	QPSK	50	0	21.72	21.76	21.68		
10	16QAM	1	0	21.26	21.37	21.30	23	1
10	16QAM	1	25	21.22	21.37	21.22		
10	16QAM	1	49	21.26	21.25	21.21		
10	16QAM	25	0	20.52	20.61	20.48	22	2
10	16QAM	25	12	20.47	20.50	20.40		
10	16QAM	25	25	20.39	20.58	20.39		
10	16QAM	50	0	20.41	20.51	20.43		
10	64QAM	1	0	20.53	20.57	20.63	22	2
10	64QAM	1	25	20.43	20.52	20.42		
10	64QAM	1	49	20.43	20.59	20.39		
10	64QAM	25	0	19.43	19.59	19.34	21	3
10	64QAM	25	12	19.39	19.48	19.31		
10	64QAM	25	25	19.42	19.49	19.43		
10	64QAM	50	0	19.32	19.42	19.24		
10	256QAM	1	0	19.02	19.11	18.96	20	4
10	256QAM	1	25	18.99	19.03	18.96		
10	256QAM	1	49	18.85	18.99	18.90		
10	256QAM	25	0	19.12	19.22	19.20	20	4
10	256QAM	25	12	19.14	19.18	19.05		
10	256QAM	25	25	19.13	19.20	19.12		
10	256QAM	50	0	19.31	19.37	19.29		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	22.67	22.78	22.66	24	0
5	QPSK	1	12	22.67	22.75	22.52		
5	QPSK	1	24	22.58	22.69	22.65		
5	QPSK	12	0	21.78	21.78	21.71	23	1
5	QPSK	12	7	21.64	21.70	21.70		
5	QPSK	12	13	21.61	21.67	21.61		
5	QPSK	25	0	21.64	21.72	21.70		
5	16QAM	1	0	21.24	21.42	21.20	23	1
5	16QAM	1	12	21.18	21.27	21.28		
5	16QAM	1	24	21.28	21.34	21.27		
5	16QAM	12	0	20.42	20.56	20.44	22	2
5	16QAM	12	7	20.45	20.53	20.34		
5	16QAM	12	13	20.37	20.60	20.44		
5	16QAM	25	0	20.36	20.49	20.46		
5	64QAM	1	0	20.55	20.65	20.53	22	2
5	64QAM	1	12	20.47	20.53	20.45		
5	64QAM	1	24	20.43	20.55	20.35		
5	64QAM	12	0	19.40	19.56	19.39	21	3
5	64QAM	12	7	19.43	19.45	19.28		
5	64QAM	12	13	19.38	19.52	19.43		
5	64QAM	25	0	19.26	19.43	19.34		
5	256QAM	1	0	18.95	19.14	19.03	20	4
5	256QAM	1	12	18.96	19.03	19.04		
5	256QAM	1	24	18.87	18.98	18.98		
5	256QAM	12	0	19.18	19.29	19.14	20	4
5	256QAM	12	7	19.08	19.22	19.05		
5	256QAM	12	13	19.12	19.17	19.06		
5	256QAM	25	0	19.24	19.32	19.31		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.08	23.13	23.05	22.98	24	0
20	QPSK	1	49	22.98	23.05	23.00	22.93		
20	QPSK	1	99	22.96	23.00	22.94	22.94		
20	QPSK	50	0	22.20	22.24	22.13	22.20	23	1
20	QPSK	50	24	22.13	22.18	22.07	22.03		
20	QPSK	50	50	22.08	22.13	22.04	22.06		
20	QPSK	100	0	22.18	22.25	22.15	22.18		
20	16QAM	1	0	21.92	22.07	22.00	22.00	23	1
20	16QAM	1	49	21.87	22.01	21.96	21.88		
20	16QAM	1	99	21.86	21.97	21.93	21.91		
20	16QAM	50	0	21.15	21.27	21.19	21.17	22	2
20	16QAM	50	24	21.13	21.19	21.05	21.04		
20	16QAM	50	50	21.18	21.23	21.15	21.08		
20	16QAM	100	0	21.02	21.17	21.11	21.09		
20	64QAM	1	0	21.16	21.22	21.08	21.15	22	2
20	64QAM	1	49	21.11	21.16	21.05	21.10		
20	64QAM	1	99	20.99	21.12	21.06	21.06		
20	64QAM	50	0	20.18	20.27	20.17	20.20	21	3
20	64QAM	50	24	20.07	20.18	20.07	20.11		
20	64QAM	50	50	20.12	20.23	20.03	20.10		
20	64QAM	100	0	20.24	20.30	20.26	20.23		
20	256QAM	1	0	20.13	20.23	18.20	17.34	21	3
20	256QAM	1	49	20.09	20.18	20.15	19.93		
20	256QAM	1	99	19.83	18.19	17.95	17.23		
20	256QAM	50	0	19.26	19.40	19.32	19.35	21	3
20	256QAM	50	24	19.24	19.36	19.29	19.28		
20	256QAM	50	50	19.23	19.31	19.27	19.17		
20	256QAM	100	0	19.29	19.37	19.26	19.26		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.94	23.05	22.97	22.88	24	0
15	QPSK	1	37	22.85	22.96	22.85	22.81		
15	QPSK	1	74	22.89	22.94	22.85	22.82		
15	QPSK	36	0	22.08	22.15	21.98	22.15	23	1
15	QPSK	36	20	22.05	22.14	21.92	21.91		
15	QPSK	36	39	22.04	22.00	22.00	22.01		
15	QPSK	75	0	22.05	22.16	22.01	22.12		
15	16QAM	1	0	21.82	21.94	21.92	21.89	23	1
15	16QAM	1	37	21.84	21.95	21.92	21.78		
15	16QAM	1	74	21.75	21.88	21.81	21.87		
15	16QAM	36	0	21.03	21.13	21.15	21.06	22	2
15	16QAM	36	20	21.09	21.08	20.92	20.92		
15	16QAM	36	39	21.12	21.08	21.07	21.00		
15	16QAM	75	0	20.88	21.08	21.00	20.96		
15	64QAM	1	0	21.08	21.08	20.95	21.04	22	2
15	64QAM	1	37	20.96	21.06	20.97	21.00		
15	64QAM	1	74	20.94	20.98	20.99	20.96		
15	64QAM	36	0	20.12	20.21	20.03	20.15	21	3
15	64QAM	36	20	19.99	20.04	19.98	20.04		
15	64QAM	36	39	20.03	20.15	19.97	20.05		
15	64QAM	75	0	20.20	20.27	20.19	20.10		
15	256QAM	1	0	20.06	20.12	18.17	17.23	21	3
15	256QAM	1	37	20.06	20.03	20.09	19.89		
15	256QAM	1	74	19.79	18.11	17.82	17.17		
15	256QAM	36	0	19.14	19.29	19.26	19.28	21	3
15	256QAM	36	20	19.13	19.30	19.17	19.19		
15	256QAM	36	39	19.14	19.17	19.22	19.04		
15	256QAM	75	0	19.23	19.28	19.18	19.15		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.94	23.00	23.00	22.89	24	0
10	QPSK	1	25	22.86	22.93	22.91	22.78		
10	QPSK	1	49	22.83	22.93	22.83	22.80		
10	QPSK	25	0	22.07	22.11	22.01	22.09	23	1
10	QPSK	25	12	21.98	22.12	21.99	21.99		
10	QPSK	25	25	21.97	22.00	21.97	22.03		
10	QPSK	50	0	22.07	22.17	22.04	22.07		
10	16QAM	1	0	21.81	21.93	21.89	21.89	23	1
10	16QAM	1	25	21.75	21.96	21.89	21.74		
10	16QAM	1	49	21.74	21.90	21.84	21.77		
10	16QAM	25	0	21.11	21.17	21.05	21.07	22	2
10	16QAM	25	12	21.05	21.08	20.94	20.98		
10	16QAM	25	25	21.11	21.08	21.06	21.03		
10	16QAM	50	0	20.89	21.08	21.02	20.94		
10	64QAM	1	0	21.09	21.18	20.95	21.09	22	2
10	64QAM	1	25	20.99	21.11	20.94	20.98		
10	64QAM	1	49	20.92	21.04	21.00	20.96		
10	64QAM	25	0	20.07	20.13	20.08	20.16	21	3
10	64QAM	25	12	19.96	20.05	19.97	20.03		
10	64QAM	25	25	20.00	20.18	19.92	20.01		
10	64QAM	50	0	20.15	20.22	20.12	20.14		
10	256QAM	1	0	20.00	20.09	18.06	17.30	21	3
10	256QAM	1	25	20.02	20.06	20.01	19.85		
10	256QAM	1	49	19.75	18.10	17.92	17.12		
10	256QAM	25	0	19.89	19.28	19.29	19.27	21	3
10	256QAM	25	12	19.15	19.28	19.15	19.14		
10	256QAM	25	25	19.14	19.19	19.17	19.06		
10	256QAM	50	0	19.21	19.26	19.12	19.17		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.94	23.06	22.95	22.87	24	0
5	QPSK	1	12	22.89	22.98	22.89	22.79		
5	QPSK	1	24	22.85	22.97	22.85	22.82		
5	QPSK	12	0	22.16	22.13	21.99	22.15	23	1
5	QPSK	12	7	22.00	22.06	21.98	22.05		
5	QPSK	12	13	21.95	22.00	21.93	21.95		
5	QPSK	25	0	22.08	22.16	22.02	22.14		
5	16QAM	1	0	21.79	21.96	21.89	21.85	23	1
5	16QAM	1	12	21.81	21.98	21.90	21.73		
5	16QAM	1	24	21.73	21.91	21.82	21.78		
5	16QAM	12	0	21.05	21.21	21.11	21.11	22	2
5	16QAM	12	7	21.02	21.05	20.97	20.99		
5	16QAM	12	13	21.12	21.12	21.10	20.95		
5	16QAM	25	0	20.99	21.10	21.01	20.98		
5	64QAM	1	0	21.03	21.12	21.05	21.07	22	2
5	64QAM	1	12	20.99	21.07	20.95	20.98		
5	64QAM	1	24	20.91	21.00	20.91	20.93		
5	64QAM	12	0	20.12	20.14	20.07	20.05	21	3
5	64QAM	12	7	19.92	20.13	20.04	20.04		
5	64QAM	12	13	19.98	20.12	19.96	20.03		
5	64QAM	25	0	20.19	20.27	20.20	20.18		
5	256QAM	1	0	20.06	20.11	18.06	17.28	21	3
5	256QAM	1	12	19.96	20.11	20.03	19.87		
5	256QAM	1	24	19.72	18.08	17.90	17.10		
5	256QAM	12	0	19.13	19.25	19.19	19.28	21	3
5	256QAM	12	7	19.17	19.29	19.25	19.22		
5	256QAM	12	13	19.17	19.18	19.24	19.12		
5	256QAM	25	0	19.18	19.33	19.14	19.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.42	23.46	23.13	24	0
20	QPSK	1	49	23.34	23.38	23.29		
20	QPSK	1	99	23.19	23.33	23.28		
20	QPSK	50	0	22.56	22.63	22.49	23	1
20	QPSK	50	24	22.47	22.57	22.50		
20	QPSK	50	50	22.39	22.52	22.42		
20	QPSK	100	0	22.40	22.52	22.40		
20	16QAM	1	0	22.44	22.50	22.46	23	1
20	16QAM	1	49	22.38	22.44	22.37		
20	16QAM	1	99	22.37	22.40	22.30		
20	16QAM	50	0	21.47	21.55	21.44	22	2
20	16QAM	50	24	21.35	21.47	21.33		
20	16QAM	50	50	21.42	21.51	21.37		
20	16QAM	100	0	21.39	21.45	21.41		
20	64QAM	1	0	21.59	21.62	21.56	22	2
20	64QAM	1	49	21.45	21.56	21.49		
20	64QAM	1	99	21.46	21.52	21.45		
20	64QAM	50	0	20.51	20.56	20.45	21	3
20	64QAM	50	24	20.33	20.47	20.37		
20	64QAM	50	50	20.49	20.52	20.48		
20	64QAM	100	0	20.31	20.44	20.40		
20	256QAM	1	0	20.18	20.28	20.15	21	3
20	256QAM	1	49	20.12	20.25	20.12		
20	256QAM	1	99	20.07	20.20	20.15		
20	256QAM	50	0	20.13	20.23	20.17	21	3
20	256QAM	50	24	20.05	20.13	19.98		
20	256QAM	50	50	20.11	20.19	20.07		
20	256QAM	100	0	20.07	20.19	20.13		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.39	23.43	23.07	24	0
15	QPSK	1	37	23.22	23.31	23.23		
15	QPSK	1	74	23.06	23.18	23.21		
15	QPSK	36	0	22.41	22.60	22.39	23	1
15	QPSK	36	20	22.39	22.49	22.36		
15	QPSK	36	39	22.30	22.38	22.33		
15	QPSK	75	0	22.28	22.42	22.27		
15	16QAM	1	0	22.40	22.42	22.41	23	1
15	16QAM	1	37	22.27	22.30	22.31		
15	16QAM	1	74	22.26	22.27	22.26		
15	16QAM	36	0	21.41	21.45	21.41	22	2
15	16QAM	36	20	21.28	21.43	21.24		
15	16QAM	36	39	21.35	21.44	21.30		
15	16QAM	75	0	21.35	21.34	21.33		
15	64QAM	1	0	21.55	21.55	21.45	22	2
15	64QAM	1	37	21.41	21.44	21.42		
15	64QAM	1	74	21.38	21.43	21.42		
15	64QAM	36	0	20.46	20.42	20.32	21	3
15	64QAM	36	20	20.20	20.35	20.29		
15	64QAM	36	39	20.36	20.44	20.43		
15	64QAM	75	0	20.25	20.30	20.37		
15	256QAM	1	0	20.12	20.22	20.05	21	3
15	256QAM	1	37	20.06	20.17	20.03		
15	256QAM	1	74	20.00	20.16	20.10		
15	256QAM	36	0	19.99	20.13	20.13	21	3
15	256QAM	36	20	20.01	20.10	19.94		
15	256QAM	36	39	20.03	20.06	20.02		
15	256QAM	75	0	19.99	20.14	20.03		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.34	23.37	23.01	24	0
10	QPSK	1	25	23.28	23.29	23.22		
10	QPSK	1	49	23.14	23.23	23.25		
10	QPSK	25	0	22.42	22.56	22.43	23	1
10	QPSK	25	12	22.35	22.42	22.44		
10	QPSK	25	25	22.24	22.45	22.28		
10	QPSK	50	0	22.27	22.47	22.33		
10	16QAM	1	0	22.30	22.47	22.35	23	1
10	16QAM	1	25	22.26	22.38	22.30		
10	16QAM	1	49	22.33	22.35	22.27		
10	16QAM	25	0	21.41	21.47	21.32	22	2
10	16QAM	25	12	21.21	21.33	21.28		
10	16QAM	25	25	21.36	21.41	21.26		
10	16QAM	50	0	21.27	21.34	21.30		
10	64QAM	1	0	21.53	21.51	21.46	22	2
10	64QAM	1	25	21.41	21.51	21.35		
10	64QAM	1	49	21.38	21.46	21.41		
10	64QAM	25	0	20.42	20.44	20.35	21	3
10	64QAM	25	12	20.29	20.40	20.33		
10	64QAM	25	25	20.45	20.49	20.35		
10	64QAM	50	0	20.17	20.37	20.32		
10	256QAM	1	0	20.04	20.24	20.04	21	3
10	256QAM	1	25	20.04	20.11	19.98		
10	256QAM	1	49	19.95	20.05	20.01		
10	256QAM	25	0	20.03	20.11	20.12	21	3
10	256QAM	25	12	19.98	20.00	19.84		
10	256QAM	25	25	20.04	20.09	20.04		
10	256QAM	50	0	20.01	20.08	20.10		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.29	23.32	22.99	24	0
5	QPSK	1	12	23.20	23.25	23.22		
5	QPSK	1	24	23.14	23.18	23.21		
5	QPSK	12	0	22.42	22.57	22.36	23	1
5	QPSK	12	7	22.37	22.49	22.47		
5	QPSK	12	13	22.34	22.39	22.35		
5	QPSK	25	0	22.33	22.44	22.26		
5	16QAM	1	0	22.40	22.41	22.38	23	1
5	16QAM	1	12	22.34	22.41	22.28		
5	16QAM	1	24	22.29	22.32	22.21		
5	16QAM	12	0	21.39	21.51	21.40	22	2
5	16QAM	12	7	21.20	21.39	21.29		
5	16QAM	12	13	21.39	21.41	21.30		
5	16QAM	25	0	21.27	21.40	21.38		
5	64QAM	1	0	21.53	21.56	21.45	22	2
5	64QAM	1	12	21.36	21.42	21.35		
5	64QAM	1	24	21.37	21.41	21.37		
5	64QAM	12	0	20.42	20.45	20.35	21	3
5	64QAM	12	7	20.30	20.35	20.34		
5	64QAM	12	13	20.43	20.46	20.40		
5	64QAM	25	0	20.27	20.31	20.30		
5	256QAM	1	0	20.05	20.14	20.06	21	3
5	256QAM	1	12	20.06	20.10	20.07		
5	256QAM	1	24	19.96	20.12	20.02		
5	256QAM	12	0	19.98	20.16	20.14	21	3
5	256QAM	12	7	19.94	20.02	19.94		
5	256QAM	12	13	19.98	20.14	20.00		
5	256QAM	25	0	19.92	20.04	20.04		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	23.06	23.26	23.08	24	0
20	QPSK	1	49	22.94	23.18	23.00		
20	QPSK	1	99	23.02	23.13	23.02		
20	QPSK	50	0	22.34	22.44	22.36	23	1
20	QPSK	50	24	22.30	22.38	22.25		
20	QPSK	50	50	22.24	22.33	22.28		
20	QPSK	100	0	22.34	22.43	22.35		
20	16QAM	1	0	21.93	22.07	22.00	23	1
20	16QAM	1	49	21.92	22.01	21.95		
20	16QAM	1	99	21.85	21.97	21.92		
20	16QAM	50	0	21.13	21.18	21.10	22	2
20	16QAM	50	24	21.07	21.10	21.06		
20	16QAM	50	50	21.05	21.14	21.08		
20	16QAM	100	0	21.04	21.08	21.02		
20	64QAM	1	0	21.06	21.20	21.08	22	2
20	64QAM	1	49	21.10	21.14	21.04		
20	64QAM	1	99	21.03	21.10	20.99		
20	64QAM	50	0	20.08	20.15	20.10	21	3
20	64QAM	50	24	19.95	20.06	19.93		
20	64QAM	50	50	19.98	20.11	20.07		
20	64QAM	100	0	19.99	20.03	19.89		
20	256QAM	1	0	19.64	19.71	19.68	21	3
20	256QAM	1	49	19.56	19.68	19.64		
20	256QAM	1	99	19.59	19.63	19.50		
20	256QAM	50	0	19.73	19.84	19.73	21	3
20	256QAM	50	24	19.67	19.74	19.67		
20	256QAM	50	50	19.72	19.80	19.72		
20	256QAM	100	0	19.74	19.82	19.75		
Channel				44165	.	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.95	23.20	22.95	24	0
15	QPSK	1	37	22.87	23.14	22.94		
15	QPSK	1	74	22.98	23.00	22.96		
15	QPSK	36	0	22.27	22.30	22.29	23	1
15	QPSK	36	20	22.22	22.27	22.18		
15	QPSK	36	39	22.09	22.24	22.18		
15	QPSK	75	0	22.24	22.36	22.27		
15	16QAM	1	0	21.83	21.94	21.86	23	1
15	16QAM	1	37	21.82	21.89	21.82		
15	16QAM	1	74	21.72	21.94	21.85		
15	16QAM	36	0	20.99	21.08	20.99	22	2
15	16QAM	36	20	20.94	21.07	21.00		
15	16QAM	36	39	20.98	21.05	21.01		
15	16QAM	75	0	20.89	20.94	20.91		
15	64QAM	1	0	21.03	21.12	21.05	22	2
15	64QAM	1	37	21.01	21.09	20.92		
15	64QAM	1	74	20.92	20.97	20.88		
15	64QAM	36	0	19.97	20.00	20.00	21	3
15	64QAM	36	20	19.85	19.93	19.84		
15	64QAM	36	39	19.93	19.97	20.04		
15	64QAM	75	0	19.85	19.99	19.83		
15	256QAM	1	0	19.52	19.65	19.57	21	3
15	256QAM	1	37	19.46	19.59	19.51		
15	256QAM	1	74	19.46	19.57	19.43		
15	256QAM	36	0	19.66	19.69	19.60	21	3
15	256QAM	36	20	19.53	19.66	19.53		
15	256QAM	36	39	19.66	19.67	19.57		
15	256QAM	75	0	19.61	19.71	19.60		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	23.02	23.17	23.00	24	0
10	QPSK	1	25	22.80	23.10	22.91		
10	QPSK	1	49	22.92	23.05	22.97		
10	QPSK	25	0	22.26	22.38	22.24	23	1
10	QPSK	25	12	22.16	22.24	22.16		
10	QPSK	25	25	22.16	22.29	22.20		
10	QPSK	50	0	22.28	22.29	22.29		
10	16QAM	1	0	21.85	22.03	21.87	23	1
10	16QAM	1	25	21.82	21.90	21.91		
10	16QAM	1	49	21.76	21.84	21.84		
10	16QAM	25	0	21.07	21.04	20.96	22	2
10	16QAM	25	12	21.01	21.03	20.96		
10	16QAM	25	25	20.95	21.08	20.99		
10	16QAM	50	0	20.99	21.03	20.91		
10	64QAM	1	0	20.93	21.17	21.00	22	2
10	64QAM	1	25	20.99	21.06	20.97		
10	64QAM	1	49	20.99	21.00	20.88		
10	64QAM	25	0	20.04	20.12	19.98	21	3
10	64QAM	25	12	19.88	20.02	19.90		
10	64QAM	25	25	19.95	19.98	20.00		
10	64QAM	50	0	19.87	19.93	19.80		
10	256QAM	1	0	19.60	19.65	19.64	21	3
10	256QAM	1	25	19.44	19.63	19.55		
10	256QAM	1	49	19.45	19.54	19.45		
10	256QAM	25	0	19.67	19.75	19.63	21	3
10	256QAM	25	12	19.58	19.61	19.56		
10	256QAM	25	25	19.65	19.68	19.67		
10	256QAM	50	0	19.67	19.72	19.62		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	23.00	23.14	23.04	24	0
5	QPSK	1	12	22.88	23.12	22.85		
5	QPSK	1	24	22.89	23.02	22.96		
5	QPSK	12	0	22.30	22.39	22.27	23	1
5	QPSK	12	7	22.25	22.29	22.22		
5	QPSK	12	13	22.18	22.24	22.20		
5	QPSK	25	0	22.29	22.32	22.28		
5	16QAM	1	0	21.83	21.96	21.86	23	1
5	16QAM	1	12	21.89	21.93	21.84		
5	16QAM	1	24	21.75	21.88	21.78		
5	16QAM	12	0	21.04	21.09	20.96	22	2
5	16QAM	12	7	20.96	20.95	20.93		
5	16QAM	12	13	20.98	21.02	20.94		
5	16QAM	25	0	20.99	20.98	20.90		
5	64QAM	1	0	20.92	21.17	21.03	22	2
5	64QAM	1	12	21.01	21.05	20.95		
5	64QAM	1	24	20.92	21.03	20.94		
5	64QAM	12	0	19.96	20.12	20.06	21	3
5	64QAM	12	7	19.89	19.92	19.86		
5	64QAM	12	13	19.94	20.01	19.94		
5	64QAM	25	0	19.95	19.90	19.82		
5	256QAM	1	0	19.53	19.64	19.57	21	3
5	256QAM	1	12	19.42	19.60	19.61		
5	256QAM	1	24	19.55	19.50	19.39		
5	256QAM	12	0	19.64	19.73	19.65	21	3
5	256QAM	12	7	19.60	19.69	19.64		
5	256QAM	12	13	19.63	19.73	19.60		
5	256QAM	25	0	19.59	19.77	19.71		

Band 48_FCC Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.24	23.56	23.41	23.32	24	0
20	QPSK	1	49	23.17	23.48	23.38	23.32		
20	QPSK	1	99	23.15	23.43	23.35	23.21		
20	QPSK	50	0	22.22	22.52	22.37	22.33	23	1
20	QPSK	50	24	22.14	22.46	22.33	22.25		
20	QPSK	50	50	22.16	22.41	22.37	22.19		
20	QPSK	100	0	22.29	22.59	22.47	22.34		
20	16QAM	1	0	22.08	22.40	22.37	22.20	23	1
20	16QAM	1	49	22.10	22.34	22.24	22.11		
20	16QAM	1	99	21.99	22.30	22.15	22.13		
20	16QAM	50	0	21.29	21.59	21.45	21.37	22	2
20	16QAM	50	24	21.18	21.51	21.44	21.32		
20	16QAM	50	50	21.28	21.55	21.41	21.41		
20	16QAM	100	0	21.23	21.49	21.34	21.29		
20	64QAM	1	0	21.33	21.56	21.51	21.42	22	2
20	64QAM	1	49	21.20	21.50	21.46	21.36		
20	64QAM	1	99	21.15	21.46	21.41	21.27		
20	64QAM	50	0	20.26	20.54	20.45	20.33	21	3
20	64QAM	50	24	20.20	20.45	20.36	20.30		
20	64QAM	50	50	20.18	20.50	20.44	20.33		
20	64QAM	100	0	20.11	20.42	20.37	20.24		
20	256QAM	1	0	19.81	20.06	19.94	19.93	21	3
20	256QAM	1	49	19.79	20.03	19.95	19.83		
20	256QAM	1	99	19.67	19.98	19.89	19.85		
20	256QAM	50	0	20.00	20.26	20.14	20.06	21	3
20	256QAM	50	24	19.82	20.16	20.10	19.92		
20	256QAM	50	50	19.87	20.22	20.15	20.05		
20	256QAM	100	0	20.04	20.27	20.22	20.13		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.16	23.50	23.33	23.26	24	0
15	QPSK	1	37	23.11	23.36	23.27	23.21		
15	QPSK	1	74	23.02	23.30	23.29	23.13		
15	QPSK	36	0	22.16	22.46	22.29	22.22	23	1
15	QPSK	36	20	21.99	22.34	22.19	22.20		
15	QPSK	36	39	22.10	22.36	22.27	22.08		
15	QPSK	75	0	22.20	22.54	22.43	22.31		
15	16QAM	1	0	21.96	22.30	22.34	22.06	23	1
15	16QAM	1	37	22.05	22.25	22.15	22.00		
15	16QAM	1	74	21.91	22.26	22.05	22.06		
15	16QAM	36	0	21.15	21.55	21.37	21.23	22	2
15	16QAM	36	20	21.08	21.43	21.37	21.25		
15	16QAM	36	39	21.24	21.50	21.35	21.35		
15	16QAM	75	0	21.09	21.35	21.22	21.22		
15	64QAM	1	0	21.26	21.50	21.48	21.29	22	2
15	64QAM	1	37	21.05	21.39	21.32	21.24		
15	64QAM	1	74	21.06	21.42	21.29	21.13		
15	64QAM	36	0	20.17	20.45	20.32	20.24	21	3
15	64QAM	36	20	20.06	20.39	20.31	20.18		
15	64QAM	36	39	20.08	20.44	20.34	20.18		
15	64QAM	75	0	20.01	20.30	20.23	20.10		
15	256QAM	1	0	19.72	20.01	19.86	19.79	21	3
15	256QAM	1	37	19.67	19.95	19.84	19.69		
15	256QAM	1	74	19.57	19.92	19.86	19.73		
15	256QAM	36	0	19.96	20.22	20.05	19.99	21	3
15	256QAM	36	20	19.89	20.09	19.99	19.78		
15	256QAM	36	39	19.83	20.17	20.07	19.94		
15	256QAM	75	0	19.91	20.22	20.09	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	23.20	23.50	23.28	23.28	24	0
10	QPSK	1	25	23.09	23.33	23.25	23.22		
10	QPSK	1	49	23.09	23.29	23.26	23.09		
10	QPSK	25	0	22.12	22.41	22.24	22.24	23	1
10	QPSK	25	12	22.09	22.35	22.26	22.19		
10	QPSK	25	25	22.10	22.28	22.33	22.06		
10	QPSK	50	0	22.22	22.55	22.42	22.24		
10	16QAM	1	0	21.99	22.25	22.30	22.11	23	1
10	16QAM	1	25	21.96	22.25	22.21	22.07		
10	16QAM	1	49	21.90	22.16	22.02	21.98		
10	16QAM	25	0	21.26	21.54	21.36	21.28	22	2
10	16QAM	25	12	21.11	21.38	21.32	21.18		
10	16QAM	25	25	21.21	21.40	21.28	21.30		
10	16QAM	50	0	21.17	21.36	21.20	21.26		
10	64QAM	1	0	21.22	21.51	21.43	21.34	22	2
10	64QAM	1	25	21.16	21.41	21.33	21.29		
10	64QAM	1	49	21.07	21.40	21.28	21.23		
10	64QAM	25	0	20.20	20.41	20.39	20.23	21	3
10	64QAM	25	12	20.05	20.32	20.28	20.24		
10	64QAM	25	25	20.07	20.42	20.36	20.22		
10	64QAM	50	0	20.01	20.38	20.22	20.10		
10	256QAM	1	0	19.75	19.95	19.81	19.82	21	3
10	256QAM	1	25	19.67	19.93	19.80	19.78		
10	256QAM	1	49	19.54	19.88	19.75	19.73		
10	256QAM	25	0	19.97	20.15	20.09	19.92	21	3
10	256QAM	25	12	19.74	20.10	19.97	19.85		
10	256QAM	25	25	19.75	20.09	20.09	19.92		
10	256QAM	50	0	20.00	20.18	20.12	20.07		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.11	23.44	23.32	23.19	24	0
5	QPSK	1	12	23.08	23.42	23.28	23.23		
5	QPSK	1	24	23.10	23.31	23.28	23.07		
5	QPSK	12	0	22.15	22.42	22.26	22.27	23	1
5	QPSK	12	7	22.09	22.32	22.25	22.13		
5	QPSK	12	13	22.12	22.30	22.25	22.05		
5	QPSK	25	0	22.23	22.54	22.40	22.26		
5	16QAM	1	0	21.97	22.32	22.20	22.13	23	1
5	16QAM	1	12	22.02	22.23	22.19	21.98		
5	16QAM	1	24	21.86	22.15	22.01	22.02		
5	16QAM	12	0	21.20	21.47	21.40	21.25	22	2
5	16QAM	12	7	21.09	21.46	21.34	21.21		
5	16QAM	12	13	21.18	21.46	21.35	21.33		
5	16QAM	25	0	21.10	21.40	21.29	21.18		
5	64QAM	1	0	21.23	21.46	21.37	21.37	22	2
5	64QAM	1	12	21.12	21.37	21.31	21.24		
5	64QAM	1	24	21.01	21.33	21.37	21.14		
5	64QAM	12	0	20.21	20.41	20.39	20.20	21	3
5	64QAM	12	7	20.09	20.39	20.33	20.19		
5	64QAM	12	13	20.04	20.39	20.39	20.25		
5	64QAM	25	0	19.99	20.30	20.31	20.09		
5	256QAM	1	0	19.77	19.96	19.88	19.80	21	3
5	256QAM	1	12	19.68	19.97	19.84	19.71		
5	256QAM	1	24	19.54	19.88	19.78	19.73		
5	256QAM	12	0	19.90	20.19	20.10	20.00	21	3
5	256QAM	12	7	19.72	20.13	19.98	19.80		
5	256QAM	12	13	19.75	20.11	20.09	19.96		
5	256QAM	25	0	19.93	20.15	20.08	20.09		

Reduced Power Mode for Main PA DSI2

GSM850 Ant0 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.79	32.82	32.74	33.50	23.79	23.82	23.74	24.50
GPRS 1 Tx slot	32.81	32.85	32.78	33.50	23.81	23.85	23.78	24.50
GPRS 2 Tx slots	29.40	29.52	29.37	30.50	23.40	23.52	23.37	24.50
GPRS 3 Tx slots	28.12	28.19	28.17	30.00	23.86	23.93	23.91	25.74
GPRS 4 Tx slots	26.37	26.50	26.37	27.50	23.37	23.50	23.37	24.50
EDGE 1 Tx slot	25.38	25.44	25.28	26.50	16.38	16.44	16.28	17.50
EDGE 2 Tx slots	23.57	23.78	23.64	25.00	17.57	17.78	17.64	19.00
EDGE 3 Tx slots	22.46	22.59	22.53	23.50	18.20	18.33	18.27	19.24
EDGE 4 Tx slots	20.49	20.61	20.41	21.50	17.49	17.61	17.41	18.50

GSM1900 Ant0 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.51	29.59	29.38	30.50	20.51	20.59	20.38	21.50
GPRS 1 Tx slot	29.61	29.66	29.59	30.50	20.61	20.66	20.59	21.50
GPRS 2 Tx slots	27.06	27.22	27.13	28.00	21.06	21.22	21.13	22.00
GPRS 3 Tx slots	25.18	25.33	25.28	26.50	20.92	21.07	21.02	22.24
GPRS 4 Tx slots	23.28	23.40	23.32	24.50	20.28	20.40	20.32	21.50
EDGE 1 Tx slot	25.03	25.05	24.87	26.00	16.03	16.05	15.87	17.00
EDGE 2 Tx slots	23.23	23.41	23.21	24.50	17.23	17.41	17.21	18.50
EDGE 3 Tx slots	22.27	22.28	22.07	23.50	18.01	18.02	17.81	19.24
EDGE 4 Tx slots	20.08	20.11	19.98	21.00	17.08	17.11	16.98	18.00

		WCDMA II Ant0 Default				WCDMA IV Ant0 Default				WCDMA V Ant0 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.68	22.71	22.61	24.00	22.58	22.53	22.60	24.00	24.14	24.13	24.04	25.00
3GPP Rel 99	RMC 12.2Kbps	22.72	22.79	22.65	24.00	22.67	22.75	22.61	24.00	24.20	24.23	24.16	25.00
3GPP Rel 6	HSDPA Subtest-1	21.63	21.73	21.52	23.00	21.66	21.57	21.56	23.00	23.21	23.18	23.11	24.00
3GPP Rel 6	HSDPA Subtest-2	21.63	21.75	21.67	23.00	21.76	21.75	21.76	23.00	23.30	23.40	23.41	24.00
3GPP Rel 6	HSDPA Subtest-3	21.24	21.23	21.11	22.50	21.22	21.13	21.10	22.50	22.24	22.17	22.28	23.50
3GPP Rel 6	HSDPA Subtest-4	21.19	21.21	21.02	22.50	21.00	21.13	21.12	22.50	22.31	22.21	22.28	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.71	21.76	21.58	23.00	21.66	21.67	21.72	23.00	22.71	22.73	22.60	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.68	21.79	21.75	23.00	21.68	21.80	21.74	23.00	22.68	22.59	22.72	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.03	21.15	21.10	22.50	21.04	21.01	21.04	22.50	21.76	21.73	21.85	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.22	21.17	21.10	22.50	21.18	21.18	21.30	22.50	21.75	21.72	21.76	23.50
3GPP Rel 6	HSUPA Subtest-1	21.62	21.68	21.67	23.00	21.48	21.47	21.49	23.00	22.38	22.45	22.48	24.00
3GPP Rel 6	HSUPA Subtest-2	19.68	19.74	19.74	21.00	19.62	19.66	19.52	21.00	20.74	20.78	20.66	22.00
3GPP Rel 6	HSUPA Subtest-3	20.70	20.69	20.65	22.00	20.68	20.48	20.58	22.00	21.69	21.73	21.79	23.00
3GPP Rel 6	HSUPA Subtest-4	19.63	19.78	19.60	21.00	19.64	19.67	19.62	21.00	20.78	20.73	20.90	22.00
3GPP Rel 6	HSUPA Subtest-5	21.47	21.67	21.49	23.00	21.53	21.46	21.48	23.00	22.67	22.63	22.77	24.00

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.23	21.38	21.29		
20	QPSK	1	49	21.30	21.29	21.11	23	0
20	QPSK	1	99	21.29	21.36	21.31		
20	QPSK	50	0	21.18	21.33	21.25		
20	QPSK	50	24	21.10	21.24	21.10	23	0
20	QPSK	50	50	21.28	21.18	21.20		
20	QPSK	100	0	21.14	21.27	21.22		
20	16QAM	1	0	21.21	21.23	21.29		
20	16QAM	1	49	21.15	21.21	21.19	23	0
20	16QAM	1	99	21.26	21.20	21.20		
20	16QAM	50	0	20.50	20.56	20.48		
20	16QAM	50	24	20.38	20.49	20.28	22	1
20	16QAM	50	50	20.37	20.57	20.46		
20	16QAM	100	0	20.43	20.50	20.31		
20	64QAM	1	0	20.58	20.68	20.59		
20	64QAM	1	49	20.39	20.46	20.28	22	1
20	64QAM	1	99	20.19	20.40	20.41		
20	64QAM	50	0	19.58	19.59	19.59		
20	64QAM	50	24	19.45	19.52	19.30	21	2
20	64QAM	50	50	19.38	19.38	19.36		
20	64QAM	100	0	19.35	19.51	19.40		
20	256QAM	1	0	17.44	17.64	17.63		
20	256QAM	1	49	17.34	17.46	17.31	19	4
20	256QAM	1	99	17.51	17.63	17.60		
20	256QAM	50	0	17.44	17.59	17.38		
20	256QAM	50	24	17.41	17.47	17.41	19	4
20	256QAM	50	50	17.52	17.64	17.51		
20	256QAM	100	0	17.45	17.52	17.43		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.08	21.18	21.30		
15	QPSK	1	37	21.19	21.29	21.06	23	0
15	QPSK	1	74	21.15	21.27	21.26		
15	QPSK	36	0	21.19	21.26	21.06		
15	QPSK	36	20	21.19	21.26	21.09	23	0
15	QPSK	36	39	21.13	21.04	21.05		
15	QPSK	75	0	21.08	21.09	21.06		
15	16QAM	1	0	21.20	21.09	21.14		
15	16QAM	1	37	21.07	21.13	21.05	23	0
15	16QAM	1	74	21.08	21.10	21.16		
15	16QAM	36	0	20.39	20.54	20.45		
15	16QAM	36	20	20.18	20.39	20.27	22	1
15	16QAM	36	39	20.23	20.46	20.43		
15	16QAM	75	0	20.34	20.32	20.09		
15	64QAM	1	0	20.47	20.62	20.39		
15	64QAM	1	37	20.24	20.27	20.29	22	1
15	64QAM	1	74	20.19	20.34	20.33		
15	64QAM	36	0	19.59	19.53	19.50		
15	64QAM	36	20	19.30	19.39	19.16	21	2
15	64QAM	36	39	19.21	19.27	19.35		
15	64QAM	75	0	19.37	19.38	19.29		
15	256QAM	1	0	17.31	17.55	17.60		
15	256QAM	1	37	17.29	17.46	17.14	19	4
15	256QAM	1	74	17.40	17.49	17.56		
15	256QAM	36	0	17.43	17.55	17.16		
15	256QAM	36	20	17.36	17.33	17.36	19	4
15	256QAM	36	39	17.47	17.39	17.51		
15	256QAM	75	0	17.37	17.39	17.37		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.12	21.20	21.21		
10	QPSK	1	25	21.09	21.18	21.18	23	0
10	QPSK	1	49	21.14	21.30	21.30		
10	QPSK	25	0	21.09	21.21	21.17		
10	QPSK	25	12	21.16	21.07	21.10	23	0
10	QPSK	25	25	21.26	21.08	21.01		
10	QPSK	50	0	21.07	21.18	21.21		
10	16QAM	1	0	21.16	21.12	21.28		
10	16QAM	1	25	21.21	21.10	21.07	23	0
10	16QAM	1	49	21.05	21.05	21.06		
10	16QAM	25	0	20.37	20.52	20.42		
10	16QAM	25	12	20.22	20.43	20.14	22	1
10	16QAM	25	25	20.27	20.42	20.38		
10	16QAM	50	0	20.32	20.41	20.14		
10	64QAM	1	0	20.46	20.14	20.51		
10	64QAM	1	25	20.22	20.38	20.21	22	1
10	64QAM	1	49	20.01	20.23	20.38		
10	64QAM	25	0	19.43	19.51	19.44		
10	64QAM	25	12	19.43	19.53	19.26	21	2
10	64QAM	25	25	19.26	19.28	19.16		
10	64QAM	50	0	19.25	19.33	19.25		
10	256QAM	1	0	17.25	17.44	17.41		
10	256QAM	1	25	17.29	17.36	17.26	19	4
10	256QAM	1	49	17.52	17.41	17.62		
10	256QAM	25	0	17.45	17.54	17.39		
10	256QAM	25	12	17.21	17.37	17.37	19	4
10	256QAM	25	25	17.42	17.51	17.31		
10	256QAM	50	0	17.46	17.36	17.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.23	21.16	21.23		
5	QPSK	1	12	21.14	21.20	21.08	23	0
5	QPSK	1	24	21.28	21.36	21.25		
5	QPSK	12	0	21.15	21.25	21.15		
5	QPSK	12	7	21.03	21.04	21.22	23	0
5	QPSK	12	13	21.13	21.08	21.09		
5	QPSK	25	0	21.01	21.09	21.13		
5	16QAM	1	0	21.09	21.15	21.30		
5	16QAM	1	12	21.01	21.22	21.05	23	0
5	16QAM	1	24	21.22	21.06	21.13		
5	16QAM	12	0	20.29	20.55	20.38		
5	16QAM	12	7	20.18	20.42	20.21	22	1
5	16QAM	12	13	20.35	20.35	20.27		
5	16QAM	25	0	20.26	20.45	20.22		
5	64QAM	1	0	20.50	20.59	20.53		
5	64QAM	1	12	20.31	20.37	20.24	22	1
5	64QAM	1	24	20.09	20.31	20.33		
5	64QAM	12	0	19.40	19.51	19.58		
5	64QAM	12	7	19.36	19.34	19.13	21	2
5	64QAM	12	13	19.36	19.35	19.31		
5	64QAM	25	0	19.35	19.48	19.29		
5	256QAM	1	0	17.34	17.46	17.57		
5	256QAM	1	12	17.17	17.29	17.11	19	4
5	256QAM	1	24	17.32	17.49	17.52		
5	256QAM	12	0	17.25	17.46	17.17		
5	256QAM	12	7	17.42	17.36	17.40	19	4
5	256QAM	12	13	17.42	17.57	17.52		
5	256QAM	25	0	17.33	17.50	17.39		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.11	21.29	21.30		
3	QPSK	1	8	21.17	21.08	21.24	23	0
3	QPSK	1	14	21.28	21.15	21.26		
3	QPSK	8	0	21.22	21.26	21.14		
3	QPSK	8	4	21.22	21.17	21.13	23	0
3	QPSK	8	7	21.12	21.02	21.03		
3	QPSK	15	0	21.08	21.21	21.21		
3	16QAM	1	0	21.03	21.11	21.19		
3	16QAM	1	8	21.04	21.10	21.21	23	0
3	16QAM	1	14	21.24	21.15	21.21		
3	16QAM	8	0	20.46	20.46	20.50		
3	16QAM	8	4	20.20	20.32	20.16	22	1
3	16QAM	8	7	20.33	20.42	20.36		
3	16QAM	15	0	20.39	20.40	20.23		
3	64QAM	1	0	20.47	20.55	20.49		
3	64QAM	1	8	20.29	20.38	20.23	22	1
3	64QAM	1	14	20.12	20.23	20.33		
3	64QAM	8	0	19.44	19.46	19.38		
3	64QAM	8	4	19.41	19.35	19.14	21	2
3	64QAM	8	7	19.20	19.36	19.31		
3	64QAM	15	0	19.33	19.40	19.23		
3	256QAM	1	0	17.36	17.54	17.59		
3	256QAM	1	8	17.13	17.30	17.10	19	4
3	256QAM	1	14	17.46	17.56	17.50		
3	256QAM	8	0	17.41	17.46	17.26		
3	256QAM	8	4	17.29	17.33	17.35	19	4
3	256QAM	8	7	17.34	17.44	17.30		
3	256QAM	15	0	17.32	17.34	17.43		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.22	21.34	21.13		
1.4	QPSK	1	3	21.19	21.07	21.02		
1.4	QPSK	1	5	21.22	21.32	21.10	23	0
1.4	QPSK	3	0	21.18	21.23	21.05		
1.4	QPSK	3	1	21.03	21.14	21.09		
1.4	QPSK	3	3	21.23	21.08	21.16		
1.4	QPSK	6	0	21.09	21.25	21.11	23	0
1.4	16QAM	1	0	21.12	21.11	21.20		
1.4	16QAM	1	3	21.03	21.05	21.04		
1.4	16QAM	1	5	21.19	21.14	21.00	23	0
1.4	16QAM	3	0	21.17	21.19	21.08		
1.4	16QAM	3	1	21.09	21.05	21.16		
1.4	16QAM	3	3	21.25	21.03	21.14		
1.4	16QAM	6	0	20.37	20.42	20.14	22	1
1.4	64QAM	1	0	20.41	20.39	20.45		
1.4	64QAM	1	3	20.40	20.14	20.36		
1.4	64QAM	1	5	20.09	20.28	20.24	22	1
1.4	64QAM	3	0	20.54	20.55	20.28		
1.4	64QAM	3	1	20.32	20.11	20.31		
1.4	64QAM	3	3	20.08	20.32	20.19		
1.4	64QAM	6	0	19.32	19.41	19.21	21	2
1.4	256QAM	1	0	17.36	17.53	17.49		
1.4	256QAM	1	3	17.13	17.41	17.33		
1.4	256QAM	1	5	17.34	17.61	17.40	19	4
1.4	256QAM	3	0	17.45	17.48	17.38		
1.4	256QAM	3	1	17.19	17.31	17.34		
1.4	256QAM	3	3	17.37	17.44	17.48		
1.4	256QAM	6	0	17.44	17.48	17.38	19	4

Band 4 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.28	21.34	21.21		
20	QPSK	1	49	21.17	21.20	21.27	23	0
20	QPSK	1	99	21.23	20.47	21.28		
20	QPSK	50	0	21.22	21.27	21.18		
20	QPSK	50	24	21.24	21.11	21.09	23	0
20	QPSK	50	50	21.25	21.15	21.22		
20	QPSK	100	0	21.13	21.23	21.15		
20	16QAM	1	0	21.13	21.23	21.17		
20	16QAM	1	49	21.21	21.23	21.28	23	0
20	16QAM	1	99	21.19	21.19	21.10		
20	16QAM	50	0	20.58	20.47	20.59		
20	16QAM	50	24	20.48	20.49	20.31	22	1
20	16QAM	50	50	20.41	20.50	20.45		
20	16QAM	100	0	20.52	20.51	20.49		
20	64QAM	1	0	20.58	20.54	20.56		
20	64QAM	1	49	20.44	20.46	20.33	22	1
20	64QAM	1	99	20.25	20.50	20.10		
20	64QAM	50	0	19.57	19.45	19.63		
20	64QAM	50	24	19.35	19.47	19.38	21	2
20	64QAM	50	50	19.33	19.34	19.33		
20	64QAM	100	0	19.42	19.33	19.29		
20	256QAM	1	0	17.51	17.63	17.36		
20	256QAM	1	49	17.33	17.33	17.44	19	4
20	256QAM	1	99	17.53	17.45	17.60		
20	256QAM	50	0	17.38	17.49	17.49		
20	256QAM	50	24	17.36	17.34	17.37	19	4
20	256QAM	50	50	17.51	17.47	17.48		
20	256QAM	100	0	17.37	17.48	17.43		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.02	21.32	21.25		
15	QPSK	1	37	21.22	21.20	21.09	23	0
15	QPSK	1	74	21.13	21.33	21.20		
15	QPSK	36	0	21.16	21.17	21.17		
15	QPSK	36	20	21.06	21.11	21.10	23	0
15	QPSK	36	39	21.25	21.10	21.10		
15	QPSK	75	0	21.08	21.05	21.05		
15	16QAM	1	0	21.04	21.14	21.19		
15	16QAM	1	37	21.05	21.18	21.08	23	0
15	16QAM	1	74	21.27	21.20	21.14		
15	16QAM	36	0	20.39	20.50	20.28		
15	16QAM	36	20	20.24	20.36	20.17	22	1
15	16QAM	36	39	20.26	20.53	20.32		
15	16QAM	75	0	20.31	20.33	20.14		
15	64QAM	1	0	20.52	20.49	20.43		
15	64QAM	1	37	20.40	20.44	20.06	22	1
15	64QAM	1	74	20.40	20.36	20.27		
15	64QAM	36	0	19.43	19.58	19.41		
15	64QAM	36	20	19.28	19.49	19.21	21	2
15	64QAM	36	39	19.32	19.39	19.27		
15	64QAM	75	0	19.30	19.37	19.27		
15	256QAM	1	0	17.23	17.64	17.61		
15	256QAM	1	37	17.14	17.35	17.15	19	4
15	256QAM	1	74	17.49	17.52	17.39		
15	256QAM	36	0	17.23	17.42	17.17		
15	256QAM	36	20	17.30	17.46	17.22	19	4
15	256QAM	36	39	17.50	17.38	17.49		
15	256QAM	75	0	17.33	17.30	17.39		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.23	21.31	21.15		
10	QPSK	1	25	21.21	21.27	21.11	23	0
10	QPSK	1	49	21.28	21.17	21.17		
10	QPSK	25	0	21.12	21.25	21.24		
10	QPSK	25	12	21.06	21.19	21.09	23	0
10	QPSK	25	25	21.26	21.19	21.18		
10	QPSK	50	0	21.00	21.26	21.22		
10	16QAM	1	0	21.09	21.05	21.26		
10	16QAM	1	25	21.01	21.08	21.19	23	0
10	16QAM	1	49	21.04	21.05	21.05		
10	16QAM	25	0	20.28	20.46	20.34		
10	16QAM	25	12	20.29	20.44	20.20	22	1
10	16QAM	25	25	20.34	20.52	20.36		
10	16QAM	50	0	20.27	20.42	20.14		
10	64QAM	1	0	20.44	20.64	20.43		
10	64QAM	1	25	20.20	20.39	20.25	22	1
10	64QAM	1	49	20.14	20.41	20.30		
10	64QAM	25	0	19.52	19.54	19.59		
10	64QAM	25	12	19.24	19.42	19.18	21	2
10	64QAM	25	25	19.35	19.38	19.27		
10	64QAM	50	0	19.19	19.49	19.41		
10	256QAM	1	0	17.25	17.44	17.61		
10	256QAM	1	25	17.27	17.48	17.25	19	4
10	256QAM	1	49	17.48	17.63	17.40		
10	256QAM	25	0	17.25	17.39	17.35		
10	256QAM	25	12	17.32	17.48	17.32	19	4
10	256QAM	25	25	17.37	17.65	17.47		
10	256QAM	50	0	17.31	17.47	17.35		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.03	21.33	21.16		
5	QPSK	1	12	21.26	21.23	21.05	23	0
5	QPSK	1	24	21.18	21.18	21.20		
5	QPSK	12	0	21.15	21.15	21.16		
5	QPSK	12	7	21.07	21.05	21.02	23	0
5	QPSK	12	13	21.24	21.01	21.21		
5	QPSK	25	0	21.09	21.05	21.02		
5	16QAM	1	0	21.04	21.15	21.17		
5	16QAM	1	12	21.00	21.22	21.04	23	0
5	16QAM	1	24	21.16	21.20	21.20		
5	16QAM	12	0	20.33	20.43	20.28		
5	16QAM	12	7	20.26	20.42	20.11	22	1
5	16QAM	12	13	20.34	20.44	20.22		
5	16QAM	25	0	20.29	20.36	20.09		
5	64QAM	1	0	20.40	20.57	20.29		
5	64QAM	1	12	20.30	20.28	20.25	22	1
5	64QAM	1	24	20.33	20.27	20.37		
5	64QAM	12	0	19.24	19.45	19.47		
5	64QAM	12	7	19.27	19.31	19.24	21	2
5	64QAM	12	13	19.27	19.20	19.24		
5	64QAM	25	0	19.18	19.53	19.36		
5	256QAM	1	0	17.33	17.43	17.42		
5	256QAM	1	12	17.20	17.26	17.22	19	4
5	256QAM	1	24	17.51	17.47	17.53		
5	256QAM	12	0	17.32	17.45	17.31		
5	256QAM	12	7	17.25	17.39	17.36	19	4
5	256QAM	12	13	17.35	17.52	17.30		
5	256QAM	25	0	17.43	17.35	17.27		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.33	21.24		
3	QPSK	1	8	21.31	21.31	21.04	23	0
3	QPSK	1	14	21.21	21.27	21.26		
3	QPSK	8	0	21.11	21.13	21.23		
3	QPSK	8	4	21.01	21.17	21.05	23	0
3	QPSK	8	7	21.12	21.01	21.01		
3	QPSK	15	0	21.12	21.18	21.12		
3	16QAM	1	0	21.01	21.24	21.08		
3	16QAM	1	8	21.14	21.21	21.14	23	0
3	16QAM	1	14	21.23	21.09	21.20		
3	16QAM	8	0	20.38	20.40	20.37		
3	16QAM	8	4	20.34	20.42	20.14	22	1
3	16QAM	8	7	20.30	20.58	20.30		
3	16QAM	15	0	20.33	20.39	20.26		
3	64QAM	1	0	20.46	20.55	20.46		
3	64QAM	1	8	20.36	20.26	20.29	22	1
3	64QAM	1	14	20.08	20.18	20.43		
3	64QAM	8	0	19.47	19.50	19.51		
3	64QAM	8	4	19.29	19.45	19.27	21	2
3	64QAM	8	7	19.19	19.35	19.37		
3	64QAM	15	0	19.28	19.48	19.20		
3	256QAM	1	0	17.28	17.50	17.62		
3	256QAM	1	8	17.12	17.42	17.17	19	4
3	256QAM	1	14	17.30	17.51	17.54		
3	256QAM	8	0	17.40	17.59	17.29		
3	256QAM	8	4	17.22	17.40	17.21	19	4
3	256QAM	8	7	17.38	17.55	17.44		
3	256QAM	15	0	17.28	17.48	17.41		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.22	21.27	21.12		
1.4	QPSK	1	3	21.16	21.06	21.21		
1.4	QPSK	1	5	21.25	21.28	21.18	23	0
1.4	QPSK	3	0	21.10	21.28	21.09		
1.4	QPSK	3	1	21.02	21.21	21.07		
1.4	QPSK	3	3	21.22	21.07	21.12		
1.4	QPSK	6	0	21.19	21.30	21.12	23	0
1.4	16QAM	1	0	21.10	21.03	21.18		
1.4	16QAM	1	3	21.01	21.05	21.00		
1.4	16QAM	1	5	21.19	21.13	21.07	23	0
1.4	16QAM	3	0	21.21	21.21	21.12		
1.4	16QAM	3	1	21.07	21.12	21.16		
1.4	16QAM	3	3	21.23	21.13	21.09		
1.4	16QAM	6	0	20.37	20.34	20.06	22	1
1.4	64QAM	1	0	20.49	20.32	20.46		
1.4	64QAM	1	3	20.34	20.12	20.40		
1.4	64QAM	1	5	20.03	20.31	20.30	22	1
1.4	64QAM	3	0	20.53	20.46	20.37		
1.4	64QAM	3	1	20.23	20.08	20.23		
1.4	64QAM	3	3	20.18	20.30	20.19		
1.4	64QAM	6	0	19.30	19.46	19.12	21	2
1.4	256QAM	1	0	17.39	17.43	17.42		
1.4	256QAM	1	3	17.21	17.47	17.23		
1.4	256QAM	1	5	17.32	17.52	17.50	19	4
1.4	256QAM	3	0	17.55	17.46	17.46		
1.4	256QAM	3	1	17.10	17.40	17.40		
1.4	256QAM	3	3	17.47	17.51	17.55		
1.4	256QAM	6	0	17.46	17.39	17.33	19	4

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	22.45	22.47	22.39		
10	QPSK	1	25	22.30	22.38	22.33	24	0
10	QPSK	1	49	22.29	22.45	22.40		
10	QPSK	25	0	22.32	22.39	22.37		
10	QPSK	25	12	22.30	22.24	22.15	24	0
10	QPSK	25	25	22.37	22.28	22.33		
10	QPSK	50	0	22.22	22.36	22.31		
10	16QAM	1	0	22.21	22.31	22.20		
10	16QAM	1	25	22.33	22.28	22.44	24	0
10	16QAM	1	49	22.32	22.20	22.26		
10	16QAM	25	0	21.70	21.55	21.60		
10	16QAM	25	12	21.51	21.57	21.31	23	1
10	16QAM	25	25	21.44	21.68	21.48		
10	16QAM	50	0	21.65	21.69	21.57		
10	64QAM

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	22.35	22.37	22.10	24	0
10	QPSK	1	25	22.17	22.21	22.19		
10	QPSK	1	49	22.06	22.14	22.14		
10	QPSK	25	0	22.06	22.26	22.11	24	0
10	QPSK	25	12	22.16	22.18	22.15		
10	QPSK	25	25	22.11	22.03	22.16		
10	QPSK	50	0	22.02	22.17	22.06		
10	16QAM	1	0	22.07	22.12	22.05	24	0
10	16QAM	1	25	22.05	22.22	22.24		
10	16QAM	1	49	22.15	22.07	22.05		
10	16QAM	25	0	21.42	21.32	21.42	23	1
10	16QAM	25	12	21.46	21.33	21.10		
10	16QAM	25	25	21.27	21.57	21.18		
10	16QAM	50	0	21.43	21.58	21.28		
10	64QAM	1	0	21.45	21.18	21.34	23	1
10	64QAM	1	25	21.46	21.17	21.12		
10	64QAM	1	49	21.09	21.42	21.39		
10	64QAM	25	0	20.54	20.30	20.51	22	2
10	64QAM	25	12	20.20	20.46	20.23		
10	64QAM	25	25	20.32	20.29	20.20		
10	64QAM	50	0	20.28	20.39	20.41		
10	256QAM	1	0	18.45	18.47	18.03	20	4
10	256QAM	1	25	18.21	18.11	18.18		
10	256QAM	1	49	18.32	18.10	18.32		
10	256QAM	25	0	18.32	18.53	18.20	20	4
10	256QAM	25	12	18.44	18.18	18.20		
10	256QAM	25	25	18.33	18.20	18.42		
10	256QAM	50	0	18.12	18.41	18.37		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.18	22.25	22.17	24	0
5	QPSK	1	12	22.18	22.24	22.26		
5	QPSK	1	24	22.05	22.28	22.23		
5	QPSK	12	0	22.00	22.29	22.19	24	0
5	QPSK	12	7	22.21	22.04	22.28		
5	QPSK	12	13	22.13	22.09	22.26		
5	QPSK	25	0	22.03	22.12	22.21		
5	16QAM	1	0	22.06	22.18	22.02	24	0
5	16QAM	1	12	22.00	22.21	22.36		
5	16QAM	1	24	22.10	22.05	22.20		
5	16QAM	12	0	21.39	21.36	21.40	23	1
5	16QAM	12	7	21.44	21.41	21.27		
5	16QAM	12	13	21.19	21.64	21.33		
5	16QAM	25	0	21.54	21.54	21.33		
5	64QAM	1	0	21.42	21.27	21.43	23	1
5	64QAM	1	12	21.36	21.27	21.29		
5	64QAM	1	24	21.11	21.33	21.43		
5	64QAM	12	0	20.40	20.39	20.45	22	2
5	64QAM	12	7	20.29	20.47	20.27		
5	64QAM	12	13	20.19	20.28	20.13		
5	64QAM	25	0	20.40	20.26	20.22		
5	256QAM	1	0	18.55	18.36	18.55	20	4
5	256QAM	1	12	18.14	18.33	18.15		
5	256QAM	1	24	18.55	18.16	18.38		
5	256QAM	12	0	18.45	18.51	18.30	20	4
5	256QAM	12	7	18.34	18.20	18.29		
5	256QAM	12	13	18.24	18.30	18.43		
5	256QAM	25	0	18.15	18.24	18.38		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.35	22.29	22.20	24	0
3	QPSK	1	8	22.18	22.33	22.17		
3	QPSK	1	14	22.09	22.20	22.18		
3	QPSK	8	0	22.00	22.10	22.27	24	0
3	QPSK	8	4	22.17	22.18	22.13		
3	QPSK	8	7	22.06	22.07	22.01		
3	QPSK	15	0	22.19	22.10	22.13		
3	16QAM	1	0	22.01	22.16	22.06	24	0
3	16QAM	1	8	22.01	22.09	22.33		
3	16QAM	1	14	22.16	22.00	22.05		
3	16QAM	8	0	21.49	21.41	21.39	23	1
3	16QAM	8	4	21.38	21.51	21.16		
3	16QAM	8	7	21.18	21.51	21.33		
3	16QAM	15	0	21.55	21.40	21.41		
3	64QAM	1	0	21.36	21.22	21.49	23	1
3	64QAM	1	8	21.48	21.25	21.15		
3	64QAM	1	14	21.21	21.33	21.37		
3	64QAM	8	0	20.53	20.37	20.49	22	2
3	64QAM	8	4	20.15	20.31	20.25		
3	64QAM	8	7	20.23	20.18	20.22		
3	64QAM	15	0	20.37	20.24	20.35		
3	256QAM	1	0	18.52	18.43	18.15	20	4
3	256QAM	1	8	18.23	18.28	18.17		
3	256QAM	1	14	18.51	18.10	18.43		
3	256QAM	8	0	18.50	18.34	18.16	20	4
3	256QAM	8	4	18.34	18.17	18.34		
3	256QAM	8	7	18.28	18.09	18.52		
3	256QAM	15	0	18.11	18.32	18.43		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.32	22.47	22.29	24	0
1.4	QPSK	1	3	22.32	22.26	22.45		
1.4	QPSK	1	5	22.44	22.31	22.22		
1.4	QPSK	3	0	22.23	22.32	22.07		
1.4	QPSK	3	1	22.24	22.33	22.19		
1.4	QPSK	3	3	22.31	22.13	22.25		
1.4	QPSK	6	0	22.30	22.32	22.15	24	0
1.4	16QAM	1	0	22.23	22.18	22.18	24	0
1.4	16QAM	1	3	22.17	22.10	22.23		
1.4	16QAM	1	5	22.33	22.19	22.15		
1.4	16QAM	3	0	22.17	22.33	22.29		
1.4	16QAM	3	1	22.11	22.28	22.27		
1.4	16QAM	3	3	22.46	22.14	22.23		
1.4	16QAM	6	0	21.53	21.50	21.26	23	1
1.4	64QAM	1	0	21.50	21.39	21.59	23	1
1.4	64QAM	1	3	21.42	21.11	21.53		
1.4	64QAM	1	5	21.09	21.42	21.27		
1.4	64QAM	3	0	21.38	21.48	21.45		
1.4	64QAM	3	1	21.25	21.20	21.38		
1.4	64QAM	3	3	21.30	21.32	21.15		
1.4	64QAM	6	0	20.29	20.68	20.27	22	2
1.4	256QAM	1	0	18.62	18.43	18.53	20	4
1.4	256QAM	1	3	18.40	18.49	18.22		
1.4	256QAM	1	5	18.40	18.57	18.68		
1.4	256QAM	3	0	18.58	18.46	18.36		
1.4	256QAM	3	1	18.12	18.53	18.53		
1.4	256QAM	3	3	18.60	18.54	18.52		
1.4	256QAM	6	0	18.54	18.51	18.30	20	4

22.09

Band 13 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.32		24	0
10	QPSK	1	25		22.21			
10	QPSK	1	49		22.25			
10	QPSK	25	0		22.28		24	0
10	QPSK	25	12		22.19			
10	QPSK	25	25		22.06			
10	QPSK	50	0		22.11			
10	16QAM	1	0		22.06		24	0
10	16QAM	1	25		22.14			
10	16QAM	1	49		22.07			
10	16QAM	25	0		21.28		23	1
10	16QAM	25	12		21.28			
10	16QAM	25	25		21.38			
10	16QAM	50	0		21.53			
10	64QAM	1	0		21.16		23	1
10	64QAM	1	25		21.22			
10	64QAM	1	49		21.45			
10	64QAM	25	0		20.25		22	2
10	64QAM	25	12		20.49			
10	64QAM	25	25		20.22			
10	64QAM	50	0		20.29			
10	256QAM	1	0		18.09		20	4
10	256QAM	1	25		18.03			
10	256QAM	1	49		18.09			
10	256QAM	25	0		18.63		20	4
10	256QAM	25	12		18.14			
10	256QAM	25	25		18.29			
10	256QAM	50	0		18.35			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.28	22.28	22.01	24	0
5	QPSK	1	12	22.08	22.04	22.17		
5	QPSK	1	24	22.17	22.15	22.06		
5	QPSK	12	0	22.05	22.24	22.00	24	0
5	QPSK	12	7	22.00	22.02	22.00		
5	QPSK	12	13	22.00	22.05	22.14		
5	QPSK	25	0	22.00	22.09	22.03		
5	16QAM	1	0	22.04	22.03	22.00	24	0
5	16QAM	1	12	22.01	22.19	22.10		
5	16QAM	1	24	22.01	22.05	22.09		
5	16QAM	12	0	21.40	21.21	21.22	23	1
5	16QAM	12	7	21.45	21.18	21.02		
5	16QAM	12	13	21.24	21.39	21.12		
5	16QAM	25	0	21.42	21.54	21.21		
5	64QAM	1	0	21.30	21.06	21.25	23	1
5	64QAM	1	12	21.32	21.08	21.00		
5	64QAM	1	24	21.06	21.34	21.36		
5	64QAM	12	0	20.46	20.13	20.41	22	2
5	64QAM	12	7	20.02	20.40	20.10		
5	64QAM	12	13	20.17	20.29	20.17		
5	64QAM	25	0	20.17	20.36	20.36		
5	256QAM	1	0	18.28	18.41	18.25	20	4
5	256QAM	1	12	18.14	18.03	18.11		
5	256QAM	1	24	18.25	18.03	18.32		
5	256QAM	12	0	18.22	18.45	18.00	20	4
5	256QAM	12	7	18.30	18.11	18.19		
5	256QAM	12	13	18.31	18.20	18.28		
5	256QAM	25	0	18.06	18.35	18.34		

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	22.30	22.32	22.18	24	0
10	QPSK	1	25	22.01	22.01	22.03		
10	QPSK	1	49	22.06	22.13	22.02		
10	QPSK	25	0	22.12	22.23	22.03	24	0
10	QPSK	25	12	22.00	22.14	22.15		
10	QPSK	25	25	22.07	22.10	22.13		
10	QPSK	50	0	22.05	22.19	22.06		
10	16QAM	1	0	22.23	22.01	22.11	24	0
10	16QAM	1	25	22.19	22.08	22.20		
10	16QAM	1	49	22.11	22.15	22.14		
10	16QAM	25	0	21.36	21.26	21.23	23	1
10	16QAM	25	12	21.44	21.30	21.00		
10	16QAM	25	25	21.12	21.15	21.15		
10	16QAM	50	0	21.42	21.46	21.17		
10	64QAM	1	0	21.27	21.01	21.32	23	1
10	64QAM	1	25	21.35	21.12	21.01		
10	64QAM	1	49	21.08	21.26	21.27		
10	64QAM	25	0	20.51	20.11	20.45	22	2
10	64QAM	25	12	20.03	20.32	20.04		
10	64QAM	25	25	20.29	20.18	20.20		
10	64QAM	50	0	20.11	20.36	20.32		
10	256QAM	1	0	18.32	18.07	18.08	20	4
10	256QAM	1	25	18.07	18.28	18.06		
10	256QAM	1	49	18.31	18.07	18.20		
10	256QAM	25	0	18.28	18.48	18.06	20	4
10	256QAM	25	12	18.29	18.11	18.08		
10	256QAM	25	25	18.28	18.14	18.31		
10	256QAM	50	0	18.06	18.25	18.21		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.21	22.25	22.08	24	0
5	QPSK	1	12	22.16	22.14	22.16		
5	QPSK	1	24	22.03	22.27	22.05		
5	QPSK	12	0	22.05	22.21	22.10	24	0
5	QPSK	12	7	22.14	22.17	22.12		
5	QPSK	12	13	22.12	22.03	22.14		
5	QPSK	25	0	22.08	22.00	22.03		
5	16QAM	1	0	22.04	22.01	22.04	24	0
5	16QAM	1	12	22.04	22.21	22.07		
5	16QAM	1	24	22.06	22.05	22.09		
5	16QAM	12	0	21.36	21.20	21.29	23	1
5	16QAM	12	7	21.42	21.23	21.04		
5	16QAM	12	13	21.27	21.04	21.02		
5	16QAM	25	0	21.30	21.53	21.08		
5	64QAM	1	0	21.26	21.06	21.14	23	1
5	64QAM	1	12	21.38	21.03	21.27		
5	64QAM	1	24	21.22	21.24	21.35		
5	64QAM	12	0	20.34	20.28	20.44	22	2
5	64QAM	12	7	20.02	20.42	20.20		
5	64QAM	12	13	20.24	20.10	20.17		
5	64QAM	25	0	20.24	20.32	20.21		
5	256QAM	1	0	18.30	18.32	18.15	20	4
5	256QAM	1	12	18.04	18.08	18.11		
5	256QAM	1	24	18.13	18.09	18.27		
5	256QAM	12	0	18.26	18.50	18.02	20	4
5	256QAM	12	7	18.32	18.02	18.15		
5	256QAM	12	13	18.22	18.02	18.27		
5	256QAM	25	0	18.08	18.37	18.36		

Band 25 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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.40	21.42	21.25	23	0
20	QPSK	1	49	21.19	21.04	21.03		
20	QPSK	1	99	21.17	21.23	21.12		
20	QPSK	50	0	21.02	21.31	21.19	23	0
20	QPSK	50	24	21.08	21.17	21.16		
20	QPSK	50	50	21.04	21.01	21.26		
20	QPSK	100	0	21.07	21.16	21.15		
20	16QAM	1	0	21.09	21.12	21.06	23	0
20	16QAM	1	49	21.08	21.28	21.37		
20	16QAM	1	99	21.14	21.04	21.05		
20	16QAM	50	0	20.41	20.33	20.38	22	1
20	16QAM	50	24	20.21	20.33	20.00		
20	16QAM	50	50	20.18	20.15	20.33		
20	16QAM	100	0	20.56	20.64	20.31		
20	64QAM	1	0	20.37	20.20	20.33	22	1
20	64QAM	1	49	20.40	20.28	20.04		
20	64QAM	1	99	20.14	20.34	20.39		
20	64QAM	50	0	19.32	19.13	19.57	21	2
20	64QAM	50	24	19.11	19.42	19.07		
20	64QAM	50	50	19.30	19.35	19.21		
20	64QAM	100	0	19.12	19.41	19.33		
20	256QAM	1	0	17.22	17.20	17.25	19	4
20	256QAM	1	49	17.17	17.43	17.19		
20	256QAM	1	99	17.23	17.02	17.21		
20	256QAM	50	0	17.31	17.50	17.13	19	4
20	256QAM	50	24	17.35	17.21	17.08		
20	256QAM	50	50	17.46	17.18	17.45		
20	256QAM	100	0	17.14	17.35	17.25		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.35	21.37	21.23	23	0
15	QPSK	1	37	21.07	21.12	21.10		
15	QPSK	1	74	21.19	21.32	21.07		
15	QPSK	36	0	21.06	21.27	21.17	23	0
15	QPSK	36	20	21.11	21.21	21.24		
15	QPSK	36	39	21.07	21.06	21.32		
15	QPSK	75	0	21.00	21.09	21.01		
15	16QAM	1	0	21.03	21.16	21.03	23	0
15	16QAM	1	37	21.11	21.08	21.30		
15	16QAM	1	74	21.22	21.05	21.23		
15	16QAM	36	0	20.48	20.32	20.40	22	1
15	16QAM	36	20	20.59	20.47	20.11		
15	16QAM	36	39	20.19	20.27	20.23		
15	16QAM	75	0	20.57	20.65	20.32		
15	64QAM	1	0	20.30	20.14	20.32	22	1
15	64QAM	1	37	20.52	20.29	20.19		
15	64QAM	1	74	20.10	20.40	20.32		
15	64QAM	36	0	19.69	19.27	19.63	21	2
15	64QAM	36	20	19.44	19.44	19.50		
15	64QAM	36	39	19.38	19.33	19.39		
15	64QAM	75	0	19.21	19.53	19.35		
15	256QAM	1	0	17.36	17.21	17.05	19	4
15	256QAM	1	37	17.20	17.03	17.16		
15	256QAM	1	74	17.33	17.11	17.24		
15	256QAM	36	0	17.35	17.51	17.24	19	4
15	256QAM	36	20	17.47	17.22	17.19		
15	256QAM	36	39	17.34	17.21	17.43		
15	256QAM	75	0	17.19	17.32	17.33		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.33	21.36	21.30	23	0
10	QPSK	1	25	21.06	21.03	21.18		
10	QPSK	1	49	21.21	21.14	21.17		
10	QPSK	25	0	21.05	21.27	21.06	23	0
10	QPSK	25	12	21.10	21.16	21.24		
10	QPSK	25	25	21.02	21.11	21.30		
10	QPSK	50	0	21.25	21.10	21.15		
10	16QAM	1	0	21.11	21.06	21.05	23	0
10	16QAM	1	25	21.13	21.17	21.24		
10	16QAM	1	49	21.08	21.00	21.29		
10	16QAM	25	0	20.51	20.27	20.24	22	1
10	16QAM	25	12	20.45	20.32	20.14		
10	16QAM	25	25	20.23	20.22	20.29		
10	16QAM	50	0	20.46	20.06	20.20		
10	64QAM	1	0	20.34	20.09	20.43	22	1
10	64QAM	1	25	20.43	20.25	20.09		
10	64QAM	1	49	20.09	20.33	20.33		
10	64QAM	25	0	19.31	19.21	19.50	21	2
10	64QAM	25	12	19.08	19.44	19.19		
10	64QAM	25	25	19.47	19.23	19.23		
10	64QAM	50	0	19.17	19.42	19.34	19	4
10	256QAM	1	0	17.24	17.14	17.39		
10	256QAM	1	25	17.23	17.06	17.20		
10	256QAM	1	49	17.32	17.12	17.21		
10	256QAM	25	0	17.37	17.49	17.24	19	4
10	256QAM	25	12	17.33	17.13	17.22		
10	256QAM	25	25	17.43	17.24	17.39		
10	256QAM	50	0	17.20	17.44	17.36		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.34	21.36	21.31	23	0
5	QPSK	1	12	21.05	21.06	21.20		
5	QPSK	1	24	21.21	21.14	21.15		
5	QPSK	12	0	21.03	21.36	21.01	23	0
5	QPSK	12	7	21.05	21.29	21.28		
5	QPSK	12	13	21.11	21.13	21.23		
5	QPSK	25	0	21.18	21.17	21.28		
5	16QAM	1	0	21.00	21.14	21.23	23	0
5	16QAM	1	12	21.19	21.20	21.23		
5	16QAM	1	24	21.31	21.01	21.19		
5	16QAM	12	0	20.54	20.45	20.42	22	1
5	16QAM	12	7	20.46	20.35	20.10		
5	16QAM	12	13	20.28	20.23	20.29		
5	16QAM	25	0	20.56	20.55	20.18		
5	64QAM	1	0	20.38	20.04	20.35	22	1
5	64QAM	1	12	20.40	20.16	20.10		
5	64QAM	1	24	20.27	20.23	20.30		
5	64QAM	12	0	19.49	19.29	19.56	21	2
5	64QAM	12	7	19.16	19.42	19.08		
5	64QAM	12	13	19.44	19.29	19.36		
5	64QAM	25	0	19.20	19.37	19.50		
5	256QAM	1	0	17.50	17.16	17.02	19	4
5	256QAM	1	12	17.16	17.05	17.15		
5	256QAM	1	24	17.34	17.17	17.29		
5	256QAM	12	0	17.43	17.36	17.07	19	4
5	256QAM	12	7	17.41	17.23	17.24		
5	256QAM	12	13	17.38	17.26	17.38		
5	256QAM	25	0	17.26	17.38	17.21		
Channel				26015	26340	26715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.40	21.40	21.24	23	0
3	QPSK	1	8	21.18	21.21	21.15		
3	QPSK	1	14	21.23	21.22	21.10		
3	QPSK	8	0	21.00	21.27	21.25	23	0
3	QPSK	8	4	21.13	21.21	21.29		
3	QPSK	8	7	21.25	21.15	21.23		
3	QPSK	15	0	21.15	21.14	21.04		
3	16QAM	1	0	21.15	21.09	21.20	23	0
3	16QAM	1	8	21.12	21.12	21.31		
3	16QAM	1	14	21.13	21.16	21.21		
3	16QAM	8	0	20.47	20.37	20.26	22	1
3	16QAM	8	4	20.54	20.49	20.15		
3	16QAM	8	7	20.13	20.25	20.20		
3	16QAM	15	0	20.54	20.60	20.24		
3	64QAM	1	0	20.37	20.01	20.37	22	1
3	64QAM	1	8	20.46	20.24	20.09		
3	64QAM	1	14	20.18	20.41	20.47		
3	64QAM	8	0	19.53	19.16	19.56	21	2
3	64QAM	8	4	19.18	19.34	19.23		
3	64QAM	8	7	19.30	19.29	19.23		
3	64QAM	15	0	19.28	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.28	22.39	22.16	24	0
15	QPSK	1	37	22.26	22.24	22.14		
15	QPSK	1	74	22.11	22.14	22.13		
15	QPSK	36	0	22.12	22.26	22.18	24	0
15	QPSK	36	20	22.18	22.17	22.21		
15	QPSK	36	39	22.25	22.19	22.25		
15	QPSK	75	0	22.15	22.18	22.11		
15	16QAM	1	0	22.16	22.27	22.24	24	0
15	16QAM	1	37	22.21	22.16	22.19		
15	16QAM	1	74	22.24	22.23	22.34		
15	16QAM	36	0	22.17	22.11	22.16	23	1
15	16QAM	36	20	22.33	22.32	22.25		
15	16QAM	36	39	22.31	22.15	22.13		
15	16QAM	75	0	22.23	22.25	22.26		
15	64QAM	1	0	22.26	22.14	22.19	23	1
15	64QAM	1	37	22.26	22.22	22.27		
15	64QAM	1	74	22.20	22.23	22.19		
15	64QAM	36	0	20.48	20.01	20.27	22	2
15	64QAM	36	20	20.07	20.21	20.02		
15	64QAM	36	39	20.27	20.14	20.20		
15	64QAM	75	0	20.01	20.47	20.41		
15	256QAM	1	0	18.29	18.17	18.24	20	4
15	256QAM	1	37	18.12	18.24	18.13		
15	256QAM	1	74	18.24	18.06	18.30		
15	256QAM	36	0	18.29	18.40	18.10	20	4
15	256QAM	36	20	18.33	18.17	18.18		
15	256QAM	36	39	18.24	18.05	18.40		
15	256QAM	75	0	18.03	18.33	18.20		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.27	22.23	22.19	24	0
10	QPSK	1	25	22.30	22.28	22.19		
10	QPSK	1	49	22.21	22.29	22.12		
10	QPSK	25	0	22.33	22.34	22.17	24	0
10	QPSK	25	12	22.19	22.20	22.26		
10	QPSK	25	25	22.21	22.23	22.20		
10	QPSK	50	0	22.35	22.13	22.35		
10	16QAM	1	0	22.19	22.27	22.12	24	0
10	16QAM	1	25	22.34	22.11	22.29		
10	16QAM	1	49	22.25	22.11	22.21		
10	16QAM	25	0	22.27	22.14	22.24	23	1
10	16QAM	25	12	22.14	22.24	22.35		
10	16QAM	25	25	22.14	22.31	22.22		
10	16QAM	50	0	22.27	22.33	22.30		
10	64QAM	1	0	22.17	22.26	22.28	23	1
10	64QAM	1	25	22.25	22.34	22.14		
10	64QAM	1	49	22.29	22.26	22.29		
10	64QAM	25	0	20.54	20.20	20.53	22	2
10	64QAM	25	12	20.11	20.21	20.09		
10	64QAM	25	25	20.20	20.24	20.11		
10	64QAM	50	0	20.19	20.45	20.41		
10	256QAM	1	0	18.30	18.07	18.10	20	4
10	256QAM	1	25	18.09	18.04	18.05		
10	256QAM	1	49	18.39	18.16	18.18		
10	256QAM	25	0	18.31	18.07	18.05	20	4
10	256QAM	25	12	18.27	18.05	18.02		
10	256QAM	25	25	18.39	18.24	18.20		
10	256QAM	50	0	18.03	18.24	18.33		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.20	22.20	22.11	24	0
5	QPSK	1	12	22.12	22.29	22.29		
5	QPSK	1	24	22.28	22.19	22.20		
5	QPSK	12	0	22.25	22.34	22.26	24	0
5	QPSK	12	7	22.16	22.12	22.30		
5	QPSK	12	13	22.31	22.26	22.31		
5	QPSK	25	0	22.15	22.21	22.31		
5	16QAM	1	0	22.25	22.29	22.24	24	0
5	16QAM	1	12	22.32	22.11	22.22		
5	16QAM	1	24	22.33	22.14	22.28		
5	16QAM	12	0	22.13	22.17	22.21	23	1
5	16QAM	12	7	22.24	22.21	22.17		
5	16QAM	12	13	22.30	22.18	22.29		
5	16QAM	25	0	22.14	22.12	22.19		
5	64QAM	1	0	22.17	22.13	22.25	23	1
5	64QAM	1	12	22.16	22.29	22.30		
5	64QAM	1	24	22.15	22.34	22.25		
5	64QAM	12	0	20.28	20.17	20.28	22	2
5	64QAM	12	7	20.01	20.41	20.01		
5	64QAM	12	13	20.28	20.24	20.15		
5	64QAM	25	0	20.16	20.37	20.30		
5	256QAM	1	0	18.23	18.08	18.06	20	4
5	256QAM	1	12	18.07	18.06	18.17		
5	256QAM	1	24	18.26	18.07	18.18		
5	256QAM	12	0	18.36	18.38	18.13	20	4
5	256QAM	12	7	18.27	18.14	18.13		
5	256QAM	12	13	18.16	18.07	18.32		
5	256QAM	25	0	18.10	18.17	18.13		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.27	22.26	22.24	24	0
3	QPSK	1	8	22.25	22.22	22.30		
3	QPSK	1	14	22.35	22.18	22.26		
3	QPSK	8	0	22.12	22.30	22.26	24	0
3	QPSK	8	4	22.14	22.18	22.26		
3	QPSK	8	7	22.20	22.14	22.16		
3	QPSK	15	0	22.19	22.13	22.31		
3	16QAM	1	0	22.20	22.28	22.27	24	0
3	16QAM	1	8	22.16	22.18	22.11		
3	16QAM	1	14	22.22	22.29	22.12		
3	16QAM	8	0	22.18	22.17	22.30	23	1
3	16QAM	8	4	22.32	22.28	22.13		
3	16QAM	8	7	22.15	22.29	22.28		
3	16QAM	15	0	22.12	22.22	22.13		
3	64QAM	1	0	22.12	22.30	22.24	23	1
3	64QAM	1	8	22.28	22.31	22.22		
3	64QAM	1	14	22.32	22.11	22.29		
3	64QAM	8	0	20.18	20.12	20.36	22	2
3	64QAM	8	4	20.16	20.02	20.16		
3	64QAM	8	7	20.21	20.10	20.24		
3	64QAM	15	0	20.10	20.30	20.24		
3	256QAM	1	0	18.44	18.02	18.15	20	4
3	256QAM	1	8	18.18	18.05	18.17		
3	256QAM	1	14	18.21	18.06	18.26		
3	256QAM	8	0	18.10	18.10	18.16	20	4
3	256QAM	8	4	18.39	18.01	18.03		
3	256QAM	8	7	18.21	18.03	18.34		
3	256QAM	15	0	18.04	18.37	18.18		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.28	22.26	24	0
1.4	QPSK	1	3	22.01	22.06	22.25		
1.4	QPSK	1	5	22.16	22.00	22.01		
1.4	QPSK	3	0	22.07	22.23	22.11		
1.4	QPSK	3	1	22.07	22.05	22.13		
1.4	QPSK	3	3	22.17	22.25	22.06		
1.4	QPSK	6	0	22.01	22.17	22.06	24	0
1.4	16QAM	1	0	22.04	22.21	22.07	24	0
1.4	16QAM	1	3	22.00	22.08	22.19		
1.4	16QAM	1	5	22.20	22.28	22.04		
1.4	16QAM	3	0	22.05	22.10	22.13		
1.4	16QAM	3	1	22.01	22.07	22.27		
1.4	16QAM	3	3	22.09	22.07	22.25		
1.4	16QAM	6	0	21.29	21.31	21.03	23	1
1.4	64QAM	1	0	21.09	21.20	21.17	23	1
1.4	64QAM	1	3	21.30	21.28	21.31		
1.4	64QAM	1	5	21.06	21.11	21.23		
1.4	64QAM	3	0	21.43	21.07	21.06		
1.4	64QAM	3	1	21.00	21.05	21.00		
1.4	64QAM	3	3	21.30	21.24	21.17		
1.4	64QAM	6	0	20.31	20.25	20.31	22	2
1.4	256QAM	1	0	18.30	18.03	18.17	20	4
1.4	256QAM	1	3	18.01	18.27	18.17		
1.4	256QAM	1	5	18.25	18.16	18.00		
1.4	256QAM	3	0	18.11	18.31	18.01		
1.4	256QAM	3	1	18.08	18.22	18.23		
1.4	256QAM	3	3	18.02	18.13	18.27		
1.4	256QAM	6	0	18.06	18.24	18.16	20	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.33	21.43	21.16	23	0
20	QPSK	1	49	21.14	21.11	21.07		
20	QPSK	1	99	21.07	21.13	21.06		
20	QPSK	50	0	21.06	21.32	21.22	23	0
20	QPSK	50	24	21.11	21.19	21.07		
20	QPSK	50	50	21.11	21.00	21.21		
20	QPSK	100	0	21.16	21.25	21.21		
20	16QAM	1	0	21.06	21.10	21.05	23	0
20	16QAM	1	49	21.00	21.34	21.35		
20	16QAM	1	99	21.11	21.05	21.14		
20	16QAM	50	0	20.42	20.32	20.35	22	1
20	16QAM	50	24	20.24	20.35	20.11		
20	16QAM	50	50	20.25	20.17	20.32		
20	16QAM	100	0	20.45	20.75	20.36		
20	64QAM	1	0	20.34	20.20	20.32	22	1
20	64QAM	1	49	20.44	20.38	20.12		
20	64QAM	1	99	20.18	20.41	20.28		
20	64QAM	50	0	19.36	19.16	19.36	21	2
20	64QAM	50	24	19.20	19.43	19.07		
20	64QAM	50	50	19.38	19.26	19.28		
20	64QAM	100	0	19.23	19.36	19.43		
20	256QAM	1	0	17.34	17.20	17.17	19	4
20	256QAM	1	49	17.26	17.22	17.11		
20	256QAM	1	99	17.19	17.01	17.26		
20	256QAM	50	0	17.36	17.32	17.09	19	4
20	256QAM	50	24	17.33	17.28	17.13		
20	256QAM	50	50	17.57	17.20	17.53		
20	256QAM	100	0	17.19	17.28	17.18		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.25	21.34	21.27	23	0
15	QPSK	1	37	21.14	21.06	21.42		
15	QPSK	1	74	21.17	21.13	21.08		
15	QPSK	36	0	21.35	21.42	21.10	23	0
15	QPSK	36	20	21.03	21.28	21.08		
15	QPSK	36	39	21.19	21.11	21.20		
15	QPSK	75	0	21.07	21.24	21.11		
15	16QAM	1	0	21.00	21.15	21.06	23	0
15	16QAM	1	37	21.06	21.38	21.38		
15	16QAM	1	74	21.02	21.09	21.10		
15	16QAM	36	0	20.31	20.26	20.40	22	1
15	16QAM	36	20	20.27	20.40	20.03		
15	16QAM	36	39	20.21	20.13	20.26		
15	16QAM	75	0	20.41	20.64	20.37		
15	64QAM	1	0	20.39	20.18	20.42	22	1
15	64QAM	1	37	20.55	20.39	20.22		
15	64QAM	1	74	20.07	20.33	20.20		
15	64QAM	36	0	19.37	19.14	19.26	21	2
15	64QAM	36	20	19.11	19.39	19.12		
15	64QAM	36	39	19.48	19.34	19.20		
15	64QAM	75	0	19.34	19.37	19.32		
15	256QAM	1	0	17.23	17.13	17.27	19	4
15	256QAM	1	37	17.16	17.13	17.04		
15	256QAM	1	74	17.17	17.22	17.20		
15	256QAM	36	0	17.29	17.42	17.02	19	4
15	256QAM	36	20	17.41	17.37	17.14		
15	256QAM	36	39	17.52	17.29	17.52		
15	256QAM	75	0	17.10	17.29	17.21		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.39	21.36	21.11	23	0
10	QPSK	1	25	21.12	21.02	21.08		
10	QPSK	1	49	21.22	21.12	21.04		
10	QPSK	25	0	21.23	21.31	21.14	23	0
10	QPSK	25	12	21.20	21.29	21.12		
10	QPSK	25	25	21.21	21.42	21.31		
10	QPSK	50	0	21.27	21.25	21.28		
10	16QAM	1	0	21.15	21.12	21.24	23	0
10	16QAM	1	25	21.00	21.29	21.41		
10	16QAM	1	49	21.13	21.13	21.14		
10	16QAM	25	0	20.40	20.27	20.33	22	1
10	16QAM	25	12	20.27	20.25	20.16		
10	16QAM	25	25	20.15	20.28	20.34		
10	16QAM	50	0	20.54	20.44	20.31		
10	64QAM	1	0	20.38	20.20	20.37	22	1
10	64QAM	1	25	20.48	20.48	20.06		
10	64QAM	1	49	20.13	20.35	20.30		
10	64QAM	25	0	19.35	19.11	19.35	21	2
10	64QAM	25	12	19.09	19.33	19.16		
10	64QAM	25	25	19.44	19.18	19.36		
10	64QAM	50	0	19.32	19.30	19.40		
10	256QAM	1	0	17.33	17.22	17.10	19	4
10	256QAM	1	25	17.27	17.19	17.01		
10	256QAM	1	49	17.09	17.16	17.29		
10	256QAM	25	0	17.46	17.33	17.14	19	4
10	256QAM	25	12	17.24	17.20	17.03		
10	256QAM	25	25	17.51	17.12	17.48		
10	256QAM	50	0	17.25	17.26	17.25		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.36	21.39	21.08	23	0
5	QPSK	1	12	21.25	21.06	21.15		
5	QPSK	1	24	21.18	21.08	21.28		
5	QPSK	12	0	21.02	21.32	21.33	23	0
5	QPSK	12	7	21.19	21.12	21.26		
5	QPSK	12	13	21.01	21.00	21.20		
5	QPSK	25	0	21.27	21.24	21.14		
5	16QAM	1	0	21.13	21.20	21.10	23	0
5	16QAM	1	12	21.03	21.24	21.29		
5	16QAM	1	24	21.09	21.14	21.09		
5	16QAM	12	0	20.33	20.28	20.40	22	1
5	16QAM	12	7	20.23	20.28	20.15		
5	16QAM	12	13	20.19	20.07	20.42		
5	16QAM	25	0	20.37	20.76	20.39		
5	64QAM	1	0	20.32	20.18	20.37	22	1
5	64QAM	1	12	20.48	20.36	20.05		
5	64QAM	1	24	20.12	20.48	20.27		
5	64QAM	12	0	19.34	19.15	19.24	21	2
5	64QAM	12	7	19.11	19.48	19.17		
5	64QAM	12	13	19.35	19.28	19.18		
5	64QAM	25	0	19.15	19.45	19.47		
5	256QAM	1	0	17.33	17.20	17.29	19	4
5	256QAM	1	12	17.36	17.22	17.22		
5	256QAM	1	24	17.14	17.30	17.25		
5	256QAM	12	0	17.35	17.31	17.13	19	4
5	256QAM	12	7	17.37	17.34	17.03		
5	256QAM	12	13	17.16	17.31	17.41		
5	256QAM	25	0	17.18	17.16	17.07		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.40	21.42	21.15	23	0
3	QPSK	1	8	21.13	21.15	21.01		
3	QPSK	1	14	21.14	21.18	21.18		
3	QPSK	8	0	21.13	21.21	21.20	23	0
3	QPSK	8	4	21.06	21.14	21.15		
3	QPSK	8	7	21.11	21.12	21.14		
3	QPSK	15	0	21.15	21.21	21.22		
3	16QAM	1	0	21.06	21.11	21.11	23	0
3	16QAM	1	8	21.10	21.29	21.28		
3	16QAM	1	14	21.07	21.01	21.04		
3	16QAM	8	0	20.33	20.38	20.34	22	1
3	16QAM	8	4	20.31	20.28	20.11		
3	16QAM	8	7	20.14	20.19	20.40		
3	16QAM	15	0	20.48	20.64	20.48		
3	64QAM	1	0	20.36	20.11	20.41	22	1
3	64QAM	1	8	20.42	20.33	20.10		
3	64QAM	1	14	20.15	20.33	20.27		
3	64QAM	8	0	19.37	19.10	19.41	21	2
3	64QAM	8	4	19.17	19.43	19.14		
3	64QAM	8	7	19.50	19.25	19.28		
3	64QAM	15	0	19.22	19.25	19.35		
3	256QAM	1	0	17.24	17.31	17.26	19	4
3	256QAM	1	8	17.34	17.10	17.17		
3	256QAM	1	14	17.29	17.13	17.31		
3	256QAM	8	0	17.41	17.39	17.20	19	4
3	256QAM	8	4	17.39	17.32	17.16		
3	256QAM	8	7	17.52	17.31	17.51		
3	256QAM	15	0	17.29	17.29	17.10		
Channel				131975	132322	132685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.39	21.30	21.17	23	0
1.4	QPSK	1	3	21.19	21.12	21.22		
1.4	QPSK	1	5	21.25	21.23	21.16		
1.4	QPSK	3	0	21.05	21.33	21.07		
1.4	QPSK	3	1	21.10	21.34	21.27		
1.4	QPSK	3	3	21.01	21.05	21.38		
1.4	QPSK	6	0	21.32	21.11	21.11	23	0
1.4	16QAM	1	0	21.41	21.16	21.35	23	0
1.4	16QAM	1	3	21.11	21.29	21.22		
1.4	16QAM	1	5	21.15	21.05	21.17		
1.4	16QAM	3	0	21.22	21.12	21.27		
1.4	16QAM	3	1	21.18	21.38	21.23		
1.4	16QAM	3	3	21.19	21.24	21.17		
1.4	16QAM	6	0	20.50	20.60	20.42	22	1
1.4	64QAM	1	0	20.31	20.22	20.50	22	1
1.4	64QAM	1	3	20.29	20.27	20.01		
1.4	64QAM	1	5	20.37	20.40	20.48		
1.4	64QAM	3	0	20.47	20.29	20.24		
1.4	64QAM	3	1	20.05	20.27	20.15		
1.4	64QAM	3	3	20.36	20.27	20.30		
1.4	64QAM	6	0	19.26	19.33	19.59	21	2
1.4	256QAM	1	0	17.47	17.26	17.00	19	4
1.4	256QAM	1	3	17.21	17.07	17.09		
1.4	256QAM	1	5	17.28	17.09	17.29		
1.4	256QAM	3	0	17.40	17.35	17.06		
1.4	256QAM	3	1	17.36	17.21	17.17		
1.4	256QAM	3	3	17.19	17.42	17.41		
1.4	256QAM	6	0	17.10	17.46	17.26	19	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	2595	2610		
20	QPSK	1	0	22.63	22.72	22.50	24	0
20	QPSK	1	49	22.66	22.71	22.54		
20	QPSK	1	99	22.59	22.53	22.57		
20	QPSK	50	0	22.58	22.53	22.45	24	0
20	QPSK	50	24	22.55	22.66	22.53		
20	QPSK	50	50	22.60	22.55	22.57		
20	QPSK	100	0	22.56	22.65	22.46		
20	16QAM	1	0	22.64	22.53	22.44	24	0
20	16QAM	1	49	22.53	22.52	22.51		
20	16QAM	1	99	22.70	22.66	22.41		
20	16QAM	50	0	22.63	22.57	22.54	24	0
20	16QAM	50	24	22.53	22.64	22.55		
20	16QAM	50	50	22.66	22.65	22.52		
20	16QAM	100	0	22.54	22.71	22.44		
20	64QAM	1	0	22.61	22.58	22.37	24	0
20	64QAM	1	49	22.50	22.64	22.51		
20	64QAM	1	99	22.63	22.52	22.53		
20	64QAM	50	0	21.51	21.53	21.56	23	1
20	64QAM	50	24	21.67	21.73	21.39		
20	64QAM	50	50	21.64	21.61	21.46		
20	64QAM	100	0	21.67	21.68	21.40		
20	256QAM	1	0	19.50	19.61	19.60	21	3
20	256QAM	1	49	19.58	19.60	19.42		
20	256QAM	1	99	19.69	19.63	19.41		
20	256QAM	50	0	19.67	19.65	19.54	21	3
20	256QAM	50	24	19.71	19.82	19.83		
20	256QAM	50	50	19.89	19.88	19.79		
20	256QAM	100	0	19.90	19.97	19.81		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.44	22.56	22.49	24	0
15	QPSK	1	37	22.59	22.60	22.47		
15	QPSK	1	74	22.56	22.42	22.52		
15	QPSK	36	0	22.39	22.53	22.35	24	0
15	QPSK	36	20	22.55	22.49	22.47		
15	QPSK	36	39	22.53	22.40	22.37		
15	QPSK	75	0	22.51	22.58	22.32		
15	16QAM	1	0	22.55	22.38	22.32	24	0
15	16QAM	1	37	22.48	22.41	22.35		
15	16QAM	1	74	22.57	22.52	22.38		
15	16QAM	36	0	22.62	22.39	22.41	24	0
15	16QAM	36	20	22.33	22.53	22.53		
15	16QAM	36	39	22.52	22.62	22.31		
15	16QAM	75	0	22.34	22.62	22.25		
15	64QAM	1	0	22.62	22.58	22.38	24	0
15	64QAM	1	37	22.42	22.44	22.43		
15	64QAM	1	74	22.62	22.50	22.53		
15	64QAM	36	0	21.33	21.31	21.52	23	1
15	64QAM	36	20	21.59	21.63	21.39		
15	64QAM	36	39	21.60	21.50	21.33		
15	64QAM	75	0	21.60	21.65	21.25		
15	256QAM	1	0	19.48	19.47	19.38	21	3
15	256QAM	1	37	19.38	19.54	19.34		
15	256QAM	1	74	19.66	19.44	19.28		
15	256QAM	36	0	19.54	19.47	19.37	21	3
15	256QAM	36	20	19.70	19.70	19.65		
15	256QAM	36	39	19.83	19.86	19.60		
15	256QAM	75	0	19.69	19.91	19.83		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.48	22.71	22.48	24	0
10	QPSK	1	25	22.53	22.59	22.40		
10	QPSK	1	49	22.55	22.52	22.37		
10	QPSK	25	0	22.48	22.46	22.27	24	0
10	QPSK	25	12	22.47	22.48	22.36		
10	QPSK	25	25	22.61	22.35	22.59		
10	QPSK	50	0	22.37	22.45	22.35		
10	16QAM	1	0	22.58	22.43	22.22	24	0
10	16QAM	1	25	22.54	22.31	22.32		
10	16QAM	1	49	22.63	22.59	22.23		
10	16QAM	25	0	22.50	22.49	22.52	24	0
10	16QAM	25	12	22.43	22.49	22.51		
10	16QAM	25	25	22.52	22.65	22.41		
10	16QAM	50	0	22.39	22.52	22.44		
10	64QAM	1	0	22.44	22.59	22.34	24	0
10	64QAM	1	25	22.38	22.56	22.43		
10	64QAM	1	49	22.50	22.34	22.52		
10	64QAM	25	0	21.49	21.35	21.35	23	1
10	64QAM	25	12	21.50	21.57	21.24		
10	64QAM	25	25	21.46	21.54	21.32		
10	64QAM	50	0	21.49	21.52	21.18		
10	256QAM	1	0	19.36	19.57	19.50	21	3
10	256QAM	1	25	19.55	19.47	19.43		
10	256QAM	1	49	19.58	19.50	19.22		
10	256QAM	25	0	19.52	19.48	19.48	21	3
10	256QAM	25	12	19.60	19.74	19.67		
10	256QAM	25	25	19.87	19.82	19.67		
10	256QAM	50	0	19.82	19.97	19.69		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.46	22.55	22.36	24	0
5	QPSK	1	12	22.50	22.55	22.53		
5	QPSK	1	24	22.39	22.46	22.44		
5	QPSK	12	0	22.58	22.40	22.34	24	0
5	QPSK	12	7	22.55	22.54	22.49		
5	QPSK	12	13	22.47	22.38	22.42		
5	QPSK	25	0	22.40	22.49	22.38		
5	16QAM	1	0	22.57	22.47	22.41	24	0
5	16QAM	1	12	22.46	22.31	22.33		
5	16QAM	1	24	22.67	22.57	22.27		
5	16QAM	12	0	22.64	22.57	22.46	24	0
5	16QAM	12	7	22.39	22.59	22.46		
5	16QAM	12	13	22.49	22.49	22.35		
5	16QAM	25	0	22.34	22.65	22.39		
5	64QAM	1	0	22.40	22.57	22.28	24	0
5	64QAM	1	12	22.46	22.61	22.42		
5	64QAM	1	24	22.62	22.52	22.40		
5	64QAM	12	0	21.31	21.43	21.58	23	1
5	64QAM	12	7	21.68	21.56	21.28		
5	64QAM	12	13	21.46	21.44	21.28		
5	64QAM	25	0	21.64	21.61	21.32		
5	256QAM	1	0	19.32	19.56	19.46	21	3
5	256QAM	1	12	19.51	19.59	19.34		
5	256QAM	1	24	19.67	19.62	19.38		
5	256QAM	12	0	19.67	19.63	19.33	21	3
5	256QAM	12	7	19.68	19.77	19.61		
5	256QAM	12	13	19.70	19.79	19.78		
5	256QAM	25	0	19.78	19.95	19.76		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.55	22.65	22.76	22.69	22.54	24	0
20	QPSK	1	49	22.46	22.50	22.69	22.54	22.60		
20	QPSK	1	99	22.56	22.61	22.68	22.63	22.50		
20	QPSK	50	0	22.27	22.36	22.58	22.37	22.43	24	0
20	QPSK	50	24	22.48	22.71	22.73	22.60	22.59		
20	QPSK	50	50	22.36	22.55	22.58	22.43	22.58		
20	QPSK	100	0	22.47	22.62	22.66	22.61	22.57		
20	16QAM	1	0	22.57	22.55	22.68	22.65	22.46	24	0
20	16QAM	1	49	22.47	22.62	22.64	22.61	22.42		
20	16QAM	1	99	22.38	22.36	22.56	22.55	22.53		
20	16QAM	50	0	22.12	22.24	22.27	22.27	22.25	24	0
20	16QAM	50	24	22.18	22.09	22.31	22.28	22.14		
20	16QAM	50	50	22.16	22.17	22.38	22.34	22.23		
20	16QAM	100	0	22.35	22.43	22.49	22.31	22.49		
20	64QAM	1	0	22.06	22.26	22.33	22.34	22.12	24	0
20	64QAM	1	49	22.10	22.12	22.33	22.32	22.24		
20	64QAM	1	99	22.28	22.18	22.39	22.25	22.26		
20	64QAM	50	0	21.10	21.32	21.42	21.29	21.38	23	1
20	64QAM	50	24	21.32	21.47	21.46	21.34	21.32		
20	64QAM	50	50	21.15	21.21	21.35	21.36	21.31		
20	64QAM	100	0	21.06	21.27	21.34	21.28	21.31		
20	256QAM	1	0	19.14	19.04	19.24	19.21	19.10	21	3
20	256QAM	1	49	19.15	19.16	19.24	19.04	19.14		
20	256QAM	1	99	19.07	19.38	19.39	19.24	19.24		
20	256QAM	50	0	19.06	19.16	19.16	19.03	19.18	21	3
20	256QAM	50	24	19.13	19.29	19.30	19.22	19.11		
20	256QAM	50	50	19.08	19.19	19.26	19.15	19.17		
20	256QAM	100	0	19.11	19.18	19.25	19.22	19.16		
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	22.48	22.55	22.67	22.65	22.59	24	0
15	QPSK	1	37	22.49	22.55	22.71	22.44	22.52		
15	QPSK	1	74	22.53	22.63	22.58	22.54	22.61		
15	QPSK	36	0	22.19	22.39	22.66	22.30	22.42	24	0
15	QPSK	36	20	22.40	22.49	22.49	22.39	22.58		
15	QPSK	36	39	22.25	22.50	22.56	22.54	22.63		
15	QPSK	75	0	22.50	22.65	22.61	22.62	22.49		
15	16QAM	1	0	22.51	22.51	22.64	22.66	22.52	24	0
15	16QAM	1	37	22.40	22.65	22.62	22.53	22.39		
15	16QAM	1	74	22.42	22.44	22.62	22.62	22.58		
15	16QAM	36	0	22.04	22.35	22.28	22.28	22.23	24	0
15	16QAM	36	20	22.16	22.16	22.33	22.30	22.05		
15	16QAM	36	39	22.15	22.20	22.32	22.24	22.24		
15	16QAM	75	0	22.27	22.38	22.41	22.42	22.37		
15	64QAM	1	0	22.07	22.15	22.25	22.34	22.03	24	0
15	64QAM	1	37	22.03	22.24	22.24	22.25	22.20		
15	64QAM	1	74	22.40	22.29	22.32	22.14	22.15		
15	64QAM	36	0	21.12	21.30	21.35	21.21	21.39	23	1
15	64QAM	36	20	21.37	21.55	21.49	21.37	21.29		
15	64QAM	36	39	21.15	21.15	21.31	21.39	21.28		
15	64QAM	75	0	21.06	21.25	21.28	21.22	21.25		
15	256QAM	1	0	19.16	19.04	19.16	19.16	19.03	21	3
15	256QAM	1	37	19.14	19.04	19.26	19.11	19.18		
15	256QAM	1	74	19.12	19.34	19.43	19.17	19.36		
15	256QAM	36	0	19.18	19.16	19.07	19.06	19.19	21	3
15	256QAM	36	20	19.13	19.38	19.29	19.30	19.18		
15	256QAM	36	39	19.08	19.17	19.21	19.08	19.14		
15	256QAM	75	0	19.01	19.21	19.18	19.14	19.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.59	22.66	22.74	22.72	22.65	24	0
10	QPSK	1	25	22.55	22.47	22.59	22.43	22.49		
10	QPSK	1	49	22.66	22.71	22.67	22.60	22.38		
10	QPSK	25	0	22.33	22.24	22.46	22.46	22.34	24	0
10	QPSK	25	12	22.36	22.64	22.62	22.67	22.66		
10	QPSK	25	25	22.40	22.61	22.69	22.48	22.64		
10	QPSK	50	0	22.45	22.72	22.67	22.52	22.47		
10	16QAM	1	0	22.49	22.52	22.69	22.60	22.35	24	0
10	16QAM	1	25	22.48	22.69	22.73	22.64	22.42		
10	16QAM	1	49	22.47	22.36	22.61	22.47	22.49		
10	16QAM	25	0	22.01	22.25	22.30	22.35	22.14	24	0
10	16QAM	25	12	22.26	22.16	22.33	22.39	22.18		
10	16QAM	25	25	22.28	22.23	22.43	22.28	22.14		
10	16QAM	50	0	22.24	22.43	22.55	22.26	22.41		
10	64QAM	1	0	22.55	22.35	22.31	22.37	22.21	24	0
10	64QAM	1	25	22.19	22.09	22.39	22.24	22.36		
10	64QAM	1	49	22.30	22.09	22.31	22.21	22.17		
10	64QAM	25	0	21.10	21.42	21.35	21.27	21.47	23	1
10	64QAM	25	12	21.29	21.45	21.56	21.45	21.20		
10	64QAM	25	25	21.09	21.19	21.30	21.45	21.23		
10	64QAM	50	0	21.13	21.37	21.25	21.25	21.31		
10	256QAM	1	0	19.04	19.25	19.28	19.27	19.04	21	3
10	256QAM	1	25	19.16	19.20	19.18	19.03	19.04		
10	256QAM	1	49	19.19	19.34	19.30	19.28	19.18		
10	256QAM	25	0	19.13	19.24	19.15	19.06	19.09	21	3
10	256QAM	25	12	19.16	19.41	19.25	19.28	19.12		
10	256QAM	25	25	19.02	19.13	19.28	19.27	19.09		
10	256QAM	50	0	19.04	19.20	19.36	19.25	19.16		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.45	22.53	22.67	22.57	22.59	24	0
5	QPSK	1	12	22.37	22.53	22.62	22.53	22.52		
5	QPSK	1	24	22.67	22.53	22.69	22.70	22.53		
5	QPSK	12	0	22.37	22.25	22.66	22.30	22.46	24	0
5	QPSK	12	7	22.55	22.60	22.64	22.65	22.62		
5	QPSK	12	13	22.31	22.49	22.55	22.53	22.67		
5	QPSK	25	0	22.35	22.52	22.67	22.58	22.56		
5	16QAM	1	0	22.52	22.49	22.67	22.70	22.36	24	0
5	16QAM	1	12	22.36	22.51	22.64	22.49	22.48		
5	16QAM	1	24	22.34	22.26	22.58	22.60	22.43		
5	16QAM	12	0	22.00	22.19	22.18	22.20	22.27	24	0
5	16QAM	12	7	22.13	22.07	22.24	22.23	22.15		
5	16QAM	12	13	22.24	22.05	22.29	22.26	22.28		
5	16QAM	25	0	22.43	22.42	22.57	22.23	22.59		
5	64QAM	1	0	22.13	22.36	22.36	22.31	22.16	24	0
5	64QAM	1	12	22.09	22.18	22.28	22.35	22.33		
5	64QAM	1	24	22.20	22.28	22.46	22.21	22.29		
5	64QAM	12	0	21.27	21.32	21.45	21.22	21.34	23	1
5	64QAM	12	7	21.32	21.51	21.57	21.40	21.40		
5	64QAM	12	13	21.10	21.17	21.37	21.47	21.41		
5	64QAM	25	0	21.04	21.24	21.30	21.19	21.37		
5	256QAM	1	0	19.18	19.01	19.21	19.27	19.20	21	3
5	256QAM	1	12	19.04	19.14	19.18	19.08	19.08		
5	256QAM	1	24	19.21	19.48	19.49	19.29	19.34		
5	256QAM	12	0	19.15	19.24	19.19	19.07	19.07	21	3
5	256QAM	12	7	19.19	19.31	19.36	19.15	19.00		
5	256QAM	12	13	19.06	19.26	19.29	19.04	19.27		
5	256QAM	25	0	19.02	19.28	19.35	19.18	19.20		

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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	24.03	23.99	24.22	24.00	23.98	25	0
20	QPSK	1	49	24.06	24.14	24.11	24.06	24.15		
20	QPSK	1	99	24.18	24.01	24.13	24.08	24.05		
20	QPSK	50	0	24.08	24.01	24.12	23.97	23.97	25	0
20	QPSK	50	24	23.95	24.11	24.21	23.97	24.06		
20	QPSK	50	50	24.02	24.08	24.15	24.08	24.10		
20	QPSK	100	0	24.06	23.98	24.14	23.96	24.06		
20	16QAM	1	0	24.01	24.00	23.95	23.87	23.94	25	0
20	16QAM	1	49	24.00	23.96	24.00	23.91	24.02		
20	16QAM	1	99	24.01	23.89	24.12	24.02	23.97		
20	16QAM	50	0	23.91	23.94	24.02	23.82	23.98	25	0
20	16QAM	50	24	23.97	23.98	24.11	23.93	23.86		
20	16QAM	50	50	23.88	23.84	24.10	23.88	23.96		
20	16QAM	100	0	23.86	23.95	23.93	23.94	23.83		
20	64QAM	1	0	23.89	23.98	23.96	23.89	23.89	25	0
20	64QAM	1	49	23.97	23.87	24.12	23.87	24.02		
20	64QAM	1	99	23.93	23.94	24.05	23.93	23.93		
20	64QAM	50	0	23.78	23.84	24.00	23.81	23.88	25	0
20	64QAM	50	24	23.83	23.86	23.99	23.81	23.95		
20	64QAM	50	50	23.82	23.89	24.00	23.94	23.84		
20	64QAM	100	0	23.84	23.92	24.07	23.94	23.86		
20	256QAM	1	0	22.20	22.27	22.36	22.24	22.21	24	1
20	256QAM	1	49	22.20	22.25	22.29	22.38	22.26		
20	256QAM	1	99	22.19	22.36	22.44	22.35	22.30		
20	256QAM	50	0	22.14	22.28	22.22	22.16	22.13	24	1
20	256QAM	50	24	22.23	22.14	22.40	22.16	22.27		
20	256QAM	50	50	22.13	22.21	22.21	22.22	22.22		
20	256QAM	100	0	22.28	22.16	22.21	22.24	22.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.00	23.81	24.10	23.92	23.80	25	0
15	QPSK	1	37	23.99	24.05	23.98	23.96	23.97		
15	QPSK	1	74	24.15	23.87	24.01	23.93	23.90		
15	QPSK	36	0	24.03	23.91	23.98	23.88	23.86	25	0
15	QPSK	36	20	23.84	24.11	24.13	23.91	23.94		
15	QPSK	36	39	23.83	23.95	23.96	24.05	23.97		
15	QPSK	75	0	23.92	23.79	23.95	23.88	23.92		
15	16QAM	1	0	23.88	23.87	23.85	23.74	23.91	25	0
15	16QAM	1	37	23.82	23.81	23.91	23.80	23.91		
15	16QAM	1	74	23.82	23.69	23.92	23.88	23.80		
15	16QAM	36	0	23.81	23.88	24.01	23.75	23.89	25	0
15	16QAM	36	20	23.91	23.87	24.01	23.87	23.77		
15	16QAM	36	39	23.82	23.77	24.01	23.82	23.92		
15	16QAM	75	0	23.74	23.78	23.77	23.86	23.79		
15	64QAM	1	0	23.88	23.79	23.94	23.88	23.82	25	0
15	64QAM	1	37	23.96	23.77	24.00	23.80	23.92		
15	64QAM	1	74	23.92	23.77	23.90	23.76	23.80		
15	64QAM	36	0	23.75	23.70	23.90	23.62	23.71	25	0
15	64QAM	36	20	23.76	23.72	23.96	23.79	23.87		
15	64QAM	36	39	23.67	23.72	23.85	23.82	23.83		
15	64QAM	75	0	23.83	23.89	23.87	23.87	23.77		
15	256QAM	1	0	22.12	22.27	22.35	22.15	22.10	24	1
15	256QAM	1	37	22.05	22.07	22.15	22.18	22.11		
15	256QAM	1	74	22.07	22.24	22.43	22.16	22.16		
15	256QAM	36	0	22.01	22.13	22.13	22.32	22.12	24	1
15	256QAM	36	20	22.16	22.07	22.21	22.14	22.08		
15	256QAM	36	39	22.22	22.08	22.20	22.21	22.21		
15	256QAM	75	0	22.20	22.05	22.14	22.06	22.17		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.84	23.88	24.06	23.96	23.90	25	0
10	QPSK	1	25	24.05	24.07	24.10	23.94	24.14		
10	QPSK	1	49	23.99	23.95	23.93	24.01	23.98		
10	QPSK	25	0	23.91	23.86	24.07	23.91	23.90	25	0
10	QPSK	25	12	23.81	24.07	24.06	23.86	24.05		
10	QPSK	25	25	24.02	23.92	24.00	24.02	24.06		
10	QPSK	50	0	23.92	23.82	23.98	23.87	24.01		
10	16QAM	1	0	23.95	23.99	23.91	23.67	23.80	25	0
10	16QAM	1	25	23.99	23.84	23.84	23.82	24.01		
10	16QAM	1	49	23.90	23.84	23.93	23.83	23.88		
10	16QAM	25	0	23.72	23.78	23.93	23.64	23.88	25	0
10	16QAM	25	12	23.84	23.80	24.09	23.74	23.76		
10	16QAM	25	25	23.74	23.70	24.09	23.79	23.88		
10	16QAM	50	0	23.85	23.90	23.89	23.80	23.79		
10	64QAM	1	0	23.81	23.90	23.92	23.71	23.81	25	0
10	64QAM	1	25	23.96	23.84	24.03	23.73	23.87		
10	64QAM	1	49	23.74	23.85	23.99	23.78	23.76		
10	64QAM	25	0	23.69	23.81	23.96	23.73	23.73	25	0
10	64QAM	25	12	23.74	23.79	23.90	23.62	23.94		
10	64QAM	25	25	23.77	23.74	23.86	23.90	23.81		
10	64QAM	50	0	23.65	23.76	23.89	23.82	23.70		
10	256QAM	1	0	22.07	22.26	22.18	22.06	22.19	24	1
10	256QAM	1	25	22.11	22.22	22.19	22.26	22.22		
10	256QAM	1	49	22.07	22.27	22.43	22.18	22.15		
10	256QAM	25	0	22.01	22.21	22.17	22.24	22.31	24	1
10	256QAM	25	12	22.13	22.23	22.29	22.01	22.19		
10	256QAM	25	25	22.20	22.19	22.18	22.21	22.04		
10	256QAM	50	0	22.18	22.03	22.03	22.20	22.24		
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	23.99	23.90	24.10	23.83	23.91	25	0
5	QPSK	1	12	23.89	24.10	23.92	23.93	24.07		
5	QPSK	1	24	24.14	23.98	24.07	23.96	23.92		
5	QPSK	12	0	23.98	23.87	24.05	23.79	23.79	25	0
5	QPSK	12	7	23.77	24.08	24.17	23.94	23.87		
5	QPSK	12	13	24.00	24.08	24.13	23.95	24.00		
5	QPSK	25	0	24.01	23.90	24.13	23.87	23.93		
5	16QAM	1	0	23.89	23.87	23.90	23.79	23.90	25	0
5	16QAM	1	12	23.97	23.79	23.81	23.84	23.85		
5	16QAM	1	24	23.98	23.87	23.98	23.96	23.93		
5	16QAM	12	0	23.89	23.88	23.97	23.70	23.91	25	0
5	16QAM	12	7	23.91	23.90	24.10	23.74	23.75		
5	16QAM	12	13	23.78	23.78	23.95	23.71	23.86		
5	16QAM	25	0	23.74	23.87	23.92	23.80	23.64		
5	64QAM	1	0	23.73	23.79	23.93	23.89	23.84	25	0
5	64QAM	1	12	23.77	23.68	24.10	23.80	23.99		
5	64QAM	1	24	23.81	23.80	24.03	23.92	23.86		
5	64QAM	12	0	23.73	23.83	23.97	23.67	23.70	25	0
5	64QAM	12	7	23.65	23.79	23.93	23.73	23.82		
5	64QAM	12	13	23.76	23.85	23.86	23.89	23.74		
5	64QAM	25	0	23.75	23.91	23.91	23.88	23.69		
5	256QAM	1	0	22.16	22.21	22.30	22.10	22.12	24	1
5	256QAM	1	12	22.15	22.18	22.13	22.29	22.20		
5	256QAM	1	24	22.03	22.35	22.29	22.27	22.11		
5	256QAM	12	0	22.02	22.27	22.03	22.00	22.00	24	1
5	256QAM	12	7	22.07	22.02	22.21	22.05	22.11		
5	256QAM	12	13	22.12	22.21	22.02	22.03	22.17		
5	256QAM	25	0	22.13	22.15	22.21	22.13	22.30		

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	31.68	31.72	31.63	32.20	22.68	22.72	22.63	23.20
GPRS 1 Tx slot	31.70	31.74	31.64	32.20	22.70	22.74	22.64	23.20
GPRS 2 Tx slots	29.03	29.17	29.06	29.20	23.03	23.17	23.06	23.20
GPRS 3 Tx slots	26.69	26.72	26.69	27.70	22.43	22.46	22.43	23.44
GPRS 4 Tx slots	25.64	25.68	25.60	25.70	22.64	22.68	22.60	22.70
EDGE 1 Tx slot	25.21	25.34	25.33	26.00	16.21	16.34	16.33	17.00
EDGE 2 Tx slots	23.59	23.68	23.62	24.50	17.59	17.68	17.62	18.50
EDGE 3 Tx slots	22.40	22.47	22.37	23.50	18.14	18.21	18.11	19.24
EDGE 4 Tx slots	20.19	20.34	20.24	21.00	17.19	17.34	17.24	18.00

GSM1900 Ant1 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.44	25.51	25.46	26.20	16.44	16.51	16.46	17.20
GPRS 1 Tx slot	25.47	25.53	25.50	26.20	16.47	16.53	16.50	17.20
GPRS 2 Tx slots	21.82	21.92	21.78	23.20	15.82	15.92	15.78	17.20
GPRS 3 Tx slots	20.25	20.33	20.18	21.70	15.99	16.07	15.92	17.44
GPRS 4 Tx slots	19.54	19.67	19.64	19.70	16.54	16.67	16.64	16.70
EDGE 1 Tx slot	24.52	24.71	24.68	25.50	15.52	15.71	15.68	16.50
EDGE 2 Tx slots	22.85	22.92	22.82	23.00	16.85	16.92	16.82	17.00
EDGE 3 Tx slots	21.43	21.44	21.45	21.50	17.17	17.18	17.19	17.24
EDGE 4 Tx slots	19.72	19.85	19.70	20.00	16.72	16.85	16.70	17.00

		WCDMA II Ant1 DSI2				WCDMA IV Ant1 DSI2				WCDMA V Ant1 DSI2			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	15.02	15.12	15.09	16.60	15.96	16.06	15.94	17.50	19.89	19.95	19.91	20.80
3GPP Rel 99	RMC 12.2Kbps	15.13	15.17	15.07	16.60	16.14	16.17	15.97	17.50	19.92	19.96	19.85	20.80
3GPP Rel 6	HSDPA Subtest-1	14.06	13.98	13.85	15.60	14.96	15.00	14.83	16.50	19.03	18.95	18.83	19.80
3GPP Rel 6	HSDPA Subtest-2	14.02	14.19	14.08	15.60	15.08	15.32	14.89	16.50	19.14	19.28	18.97	19.80
3GPP Rel 6	HSDPA Subtest-3	13.72	13.76	13.51	15.10	14.73	14.68	14.54	16.00	18.66	18.77	18.58	19.30
3GPP Rel 6	HSDPA Subtest-4	13.65	13.62	13.39	15.10	14.50	14.63	14.36	16.00	18.52	18.59	18.41	19.30
3GPP Rel 8	DC-HSDPA Subtest-1	14.06	14.16	13.94	15.60	15.06	15.17	14.92	16.50	18.94	19.30	19.03	19.80
3GPP Rel 8	DC-HSDPA Subtest-2	14.07	14.24	14.10	15.60	15.05	15.17	15.18	16.50	18.98	19.17	19.09	19.80
3GPP Rel 8	DC-HSDPA Subtest-3	13.36	13.70	13.50	15.10	14.46	14.62	14.59	16.00	18.31	18.74	18.67	19.30
3GPP Rel 8	DC-HSDPA Subtest-4	13.66	13.41	13.57	15.10	14.78	14.50	14.40	16.00	18.71	18.42	18.42	19.30
3GPP Rel 6	HSUPA Subtest-1	13.98	14.19	14.04	15.60	15.01	15.19	14.97	16.50	18.91	19.06	18.88	19.80
3GPP Rel 6	HSUPA Subtest-2	12.08	12.05	12.12	13.60	13.00	13.12	13.11	14.50	17.11	17.25	17.24	17.80
3GPP Rel 6	HSUPA Subtest-3	13.19	13.22	12.89	14.60	14.12	14.21	13.95	15.50	18.19	18.19	17.90	18.80
3GPP Rel 6	HSUPA Subtest-4	12.00	12.16	11.86	13.60	12.96	13.19	12.91	14.50	16.92	17.14	16.92	17.80
3GPP Rel 6	HSUPA Subtest-5	14.01	14.04	13.96	15.60	14.92	15.05	14.95	16.50	18.87	19.17	18.90	19.80

Band 2 Ant1 DIS2

BW [MHz]	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	15.72	15.73	15.62	16.9	0
20	QPSK	1	49	15.69	15.61	15.61		
20	QPSK	1	99	15.66	15.57	15.41		
20	QPSK	50	0	15.68	15.71	15.65		
20	QPSK	50	24	15.57	15.62	15.63		
20	QPSK	50	50	15.67	15.61	15.63		
20	QPSK	100	0	15.64	15.67	15.62		
20	16QAM	1	0	15.53	15.61	15.60		
20	16QAM	1	49	15.64	15.59	15.62	16.9	0
20	16QAM	1	99	15.57	15.66	15.57		
20	16QAM	50	0	15.65	15.53	15.41		
20	16QAM	50	24	15.63	15.68	15.47	16.9	0
20	16QAM	50	50	15.56	15.64	15.45		
20	16QAM	100	0	15.58	15.61	15.63		
20	64QAM	1	0	15.64	15.54	15.44		
20	64QAM	1	49	15.55	15.52	15.56	16.9	0
20	64QAM	1	99	15.63	15.53	15.42		
20	64QAM	50	0	15.64	15.68	15.55		
20	64QAM	50	24	15.54	15.66	15.47	16.9	0
20	64QAM	50	50	15.62	15.63	15.45		
20	64QAM	100	0	15.64	15.58	15.54		
20	256QAM	1	0	15.67	15.58	15.46		
20	256QAM	1	49	15.55	15.66	15.47	16.9	0
20	256QAM	1	99	15.62	15.55	15.52		
20	256QAM	50	0	15.58	15.65	15.45		
20	256QAM	50	24	15.60	15.65	15.45	16.9	0
20	256QAM	50	50	15.71	15.58	15.58		
20	256QAM	100	0	15.51	15.71	15.61		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.53	15.56	15.39	16.9	0
15	QPSK	1	37	15.59	15.69	15.51		
15	QPSK	1	74	15.61	15.66	15.40		
15	QPSK	36	0	15.67	15.58	15.58		
15	QPSK	36	20	15.56	15.58	15.46		
15	QPSK	36	39	15.66	15.57	15.52		
15	QPSK	75	0	15.66	15.55	15.53		
15	16QAM	1	0	15.69	15.46	15.52	16.9	0
15	16QAM	1	37	15.49	15.65	15.36		
15	16QAM	1	74	15.55	15.60	15.38		
15	16QAM	36	0	15.47	15.59	15.36	16.9	0
15	16QAM	36	20	15.60	15.67	15.52		
15	16QAM	36	39	15.58	15.54	15.41		
15	16QAM	75	0	15.52	15.55	15.44		
15	64QAM	1	0	15.52	15.52	15.46	16.9	0
15	64QAM	1	37	15.51	15.61	15.41		
15	64QAM	1	74	15.46	15.60	15.46		
15	64QAM	36	0	15.62	15.49	15.57	16.9	0
15	64QAM	36	20	15.47	15.68	15.57		
15	64QAM	36	39	15.47	15.68	15.58		
15	64QAM	75	0	15.60	15.69	15.38		
15	256QAM	1	0	15.64	15.56	15.47	16.9	0
15	256QAM	1	37	15.53	15.46	15.57		
15	256QAM	1	74	15.60	15.49	15.55		
15	256QAM	36	0	15.45	15.63	15.51	16.9	0
15	256QAM	36	20	15.63	15.55	15.50		
15	256QAM	36	39	15.49	15.58	15.41		
15	256QAM	75	0	15.64	15.61	15.42		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.60	15.65	15.36	16.9	0
10	QPSK	1	25	15.61	15.66	15.50		
10	QPSK	1	49	15.52	15.65	15.43		
10	QPSK	25	0	15.66	15.52	15.56		
10	QPSK	25	12	15.68	15.56	15.51		
10	QPSK	25	25	15.51	15.65	15.52		
10	QPSK	50	0	15.69	15.51	15.52		
10	16QAM	1	0	15.48	15.57	15.58		
10	16QAM	1	25	15.55	15.48	15.38	16.9	0
10	16QAM	1	49	15.62	15.48	15.49		
10	16QAM	25	0	15.45	15.66	15.39		
10	16QAM	25	12	15.64	15.55	15.49	16.9	0
10	16QAM	25	25	15.50	15.64	15.49		
10	16QAM	50	0	15.48	15.65	15.53		
10	64QAM	1	0	15.48	15.58	15.35	16.9	0
10	64QAM	1	25	15.68	15.61	15.58		
10	64QAM	1	49	15.68	15.49	15.44		
10	64QAM	25	0	15.62	15.54	15.57	16.9	0
10	64QAM	25	12	15.57	15.56	15.51		
10	64QAM	25	25	15.61	15.57	15.43		
10	64QAM	50	0	15.48	15.66	15.44		
10	256QAM	1	0	15.60	15.66	15.56	16.9	0
10	256QAM	1	25	15.56	15.50	15.35		
10	256QAM	1	49	15.46	15.67	15.44		
10	256QAM	25	0	15.46	15.53	15.55	16.9	0
10	256QAM	25	12	15.48	15.46	15.40		
10	256QAM	25	25	15.51	15.63	15.38		
10	256QAM	50	0	15.65	15.65	15.40		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.47	15.53	15.37	16.9	0
5	QPSK	1	12	15.54	15.51	15.51		
5	QPSK	1	24	15.57	15.66	15.42		
5	QPSK	12	0	15.52	15.55	15.58		
5	QPSK	12	7	15.68	15.54	15.58		
5	QPSK	12	13	15.52	15.66	15.42		
5	QPSK	25	0	15.66	15.51	15.39		
5	16QAM	1	0	15.53	15.57	15.51		
5	16QAM	1	12	15.64	15.56	15.56		
5	16QAM	1	24	15.49	15.61	15.50		
5	16QAM	12	0	15.48	15.47	15.53	16.9	0
5	16QAM	12	7	15.67	15.66	15.56		
5	16QAM	12	13	15.50	15.66	15.48		
5	16QAM	25	0	15.62	15.57	15.49		
5	64QAM	1	0	15.68	15.55	15.39	16.9	0
5	64QAM	1	12	15.67	15.54	15.36		
5	64QAM	1	24	15.62	15.67	15.51		
5	64QAM	12	0	15.67	15.47	15.52	16.9	0
5	64QAM	12	7	15.54	15.53	15.42		
5	64QAM	12	13	15.45	15.54	15.46		
5	64QAM	25	0	15.67	15.44	15.44		
5	256QAM	1	0	15.62	15.69	15.49	16.9	0
5	256QAM	1	12	15.59	15.57	15.41		
5	256QAM	1	24	15.55	15.66	15.48		
5	256QAM	12	0	15.64	15.47	15.37	16.9	0
5	256QAM	12	7	15.47	15.64	15.56		
5	256QAM	12	13	15.53	15.55	15.58		
5	256QAM	25	0	15.55	15.47	15.35		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.51	15.58	15.46	16.9	0
3	QPSK	1	8	15.49	15.50	15.48		
3	QPSK	1	14	15.69	15.63	15.39		
3	QPSK	8	0	15.50	15.68	15.51	16.9	0
3	QPSK	8	4	15.64	15.56	15.41		
3	QPSK	8	7	15.66	15.56	15.38		
3	QPSK	15	0	15.66	15.62	15.44		
3	16QAM	1	0	15.50	15.58	15.51	16.9	0
3	16QAM	1	8	15.67	15.54	15.49		
3	16QAM	1	14	15.55	15.61	15.58		
3	16QAM	8	0	15.60	15.66	15.45	16.9	0
3	16QAM	8	4	15.66	15.52	15.52		
3	16QAM	8	7	15.61	15.54	15.50		
3	16QAM	15	0	15.52	15.56	15.50	16.9	0
3	64QAM	1	0	15.50	15.60	15.56		
3	64QAM	1	8	15.56	15.58	15.50		
3	64QAM	1	14	15.55	15.48	15.43		
3	64QAM	8	0	15.58	15.63	15.36	16.9	0
3	64QAM	8	4	15.69	15.49	15.51		
3	64QAM	8	7	15.55	15.57	15.50		
3	64QAM	15	0	15.53	15.54	15.43		
3	256QAM	1	0	15.48	15.65	15.45	16.9	0
3	256QAM	1	8	15.58	15.53	15.46		
3	256QAM	1	14	15.64	15.61	15.38		
3	256QAM	8	0	15.63	15.58	15.39	16.9	0
3	256QAM	8	4	15.51	15.53	15.50		
3	256QAM	8	7	15.52	15.46	15.42		
3	256QAM	15	0	15.62	15.61	15.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.46	15.49	15.46	16.9	0
1.4	QPSK	1	3	15.53	15.64	15.50		
1.4	QPSK	1	5	15.60	15.53	15.53		
1.4	QPSK	3	0	15.58	15.54	15.37		
1.4	QPSK	3	1	15.50	15.57	15.50		
1.4	QPSK	3	3	15.68	15.63	15.39		
1.4	QPSK	6	0	15.53	15.54	15.57	16.9	0
1.4	16QAM	1	0	15.62	15.48	15.59	16.9	0
1.4	16QAM	1	3	15.54	15.67	15.46		
1.4	16QAM	1	5	15.51	15.49	15.57		
1.4	16QAM	3	0	15.52	15.53	15.55		
1.4	16QAM	3	1	15.55	15.66	15.49		
1.4	16QAM	3	3	15.48	15.67	15.47		
1.4	16QAM	6	0	15.54	15.64	15.35	16.9	0
1.4	64QAM	1	0	15.68	15.64	15.51	16.9	0
1.4	64QAM	1	3	15.48	15.66	15.51		
1.4	64QAM	1	5	15.48	15.58	15.49		
1.4	64QAM	3	0	15.45	15.60	15.57		
1.4	64QAM	3	1	15.52	15.55	15.36		
1.4	64QAM	3	3	15.46	15.58	15.43		
1.4	64QAM	6	0	15.53	15.51	15.45	16.9	0
1.4	256QAM	1	0	15.68	15.64	15.46	16.9	0
1.4	256QAM	1	3	15.60	15.61	15.55		
1.4	256QAM	1	5	15.69	15.61	15.45		
1.4	256QAM	3	0	15.59	15.59	15.51		
1.4	256QAM	3	1	15.54	15.69	15.53		
1.4	256QAM	3	3	15.50	15.68	15.52		
1.4	256QAM	6	0	15.53	15.55	15.40	16.9	0

Band 4 Ant1 DIS2

BW [MHz]	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	16.15	16.17	16.02	17.2	0
20	QPSK	1	49	15.92	16.01	15.91		
20	QPSK	1	99	16.00	16.09	15.86		
20	QPSK	50	0	16.06	16.15	16.03		
20	QPSK	50	24	15.97	16.13	15.82		
20	QPSK	50	50	15.95	15.91	15.91		
20	QPSK	100	0	16.11	16.13	15.98		
20	16QAM	1	0	15.95	15.97	15.99		
20	16QAM	1	49	16.13	16.05	15.93	17.2	0
20	16QAM	1	99	16.10	16.00	15.97		
20	16QAM	50	0	16.11	16.09	15.83		
20	16QAM	50	24	16.02	16.01	16.03	17.2	0
20	16QAM	50	50	16.01	15.98	16.04		
20	16QAM	100	0	16.10	16.03	15.82		
20	64QAM	1	0	15.92	16.04	15.97		
20	64QAM	1	49	15.90	16.01	15.89	17.2	0
20	64QAM	1	99	16.11	16.00	16.04		
20	64QAM	50	0	16.02	15.91	16.02		
20	64QAM	50	24	15.95	16.00	15.80	17.2	0
20	64QAM	50	50	15.95	15.94	16.00		
20	64QAM	100	0	15.97	16.11	15.82		
20	256QAM	1	0	16.10	16.09	15.98		
20	256QAM	1	49	15.90	16.12	15.82	17.2	0
20	256QAM	1	99	16.05	16.04	15.91		
20	256QAM	50	0	15.96	16.02	15.85		
20	256QAM	50	24	16.01	15.93	15.91	17.2	0
20	256QAM	50	50	16.11	16.00	15.89		
20	256QAM	100	0	16.09	15.93	15.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.00	16.03	16.01	17.2	0
15	QPSK	1	37	16.10	16.00	15.87		
15	QPSK	1	74	15.92	16.05	16.01		
15	QPSK	36	0	16.12	15.95	16.01		
15	QPSK	36	20	16.12	16.05	15.95	17.2	0
15	QPSK	36	39	16.03	15.91	15.86		
15	QPSK	75	0	16.14	15.96	15.91		
15	16QAM	1	0	15.99	16.10	15.83	17.2	0
15	16QAM	1	37	15.93	16.09	15.88		
15	16QAM	1	74	16.12	16.05	16.04		
15	16QAM	36	0	16.13	15.94	15.85		
15	16QAM	36	20	16.11	15.96	15.87	17.2	0
15	16QAM	36	39	16.06	16.14	15.96		
15	16QAM	75	0	15.92	15.95	15.85		
15	64QAM	1	0	16.07	16.13	15.83	17.2	0
15	64QAM	1	37	16.12	16.08	15.94		
15	64QAM	1	74	16.01	15.91	16.02		
15	64QAM	36	0	16.07	15.92	15.84		
15	64QAM	36	20	16.03	16.13	15.88	17.2	0
15	64QAM	36	39	16.10	16.13	15.93		
15	64QAM	75	0	16.02	16.00	15.96		
15	256QAM	1	0	15.99	16.03	16.00	17.2	0
15	256QAM	1	37	16.00	16.07	16.03		
15	256QAM	1	74	15.95	16.09	15.93		
15	256QAM	36	0	15.98	15.98	15.85	17.2	0
15	256QAM	36	20	15.97	16.14	15.89		
15	256QAM	36	39	15.96	16.11	16.04		
15	256QAM	75	0	16.14	16.14	15.89		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.91	15.96	15.80	17.2	0
10	QPSK	1	25	15.99	16.02	15.86		
10	QPSK	1	49	15.98	16.06	15.90		
10	QPSK	25	0	15.99	16.07	15.90		
10	QPSK	25	12	16.08	16.02	15.94	17.2	0
10	QPSK	25	25	16.07	16.09	15.87		
10	QPSK	50	0	15.95	15.95	15.80		
10	16QAM	1	0	15.93	15.99	15.87		
10	16QAM	1	25	16.12	16.11	15.83	17.2	0
10	16QAM	1	49	16.14	16.06	16.00		
10	16QAM	25	0	15.93	16.04	15.99		
10	16QAM	25	12	16.07	16.00	16.00	17.2	0
10	16QAM	25	25	15.96	16.07	15.91		
10	16QAM	50	0	16.10	16.03	16.01		
10	64QAM	1	0	16.00	16.03	15.97		
10	64QAM	1	25	16.10	16.04	15.91	17.2	0
10	64QAM	1	49	16.01	16.00	16.00		
10	64QAM	25	0	16.08	16.11	15.98		
10	64QAM	25	12	15.93	15.97	15.99	17.2	0
10	64QAM	25	25	16.08	16.01	15.86		
10	64QAM	50	0	16.10	15.98	16.03		
10	256QAM	1	0	15.99	16.03	15.82	17.2	0
10	256QAM	1	25	16.05	16.04	15.89		
10	256QAM	1	49	16.02	16.04	15.89		
10	256QAM	25	0	16.00	16.12	15.84		
10	256QAM	25	12	16.11	16.08	15.98	17.2	0
10	256QAM	25	25	15.95	15.92	15.89		
10	256QAM	50	0	15.91	16.01	15.84		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.01	16.08	16.04	17.2	0
5	QPSK	1	12	15.96	16.13	15.98		
5	QPSK	1	24	15.95	16.08	15.84		
5	QPSK	12	0	15.94	15.99	15.87		
5	QPSK	12	7	16.02	15.94	15.89	17.2	0
5	QPSK	12	13	16.03	16.05	15.97		
5	QPSK	25	0	16.10	15.96	15.84		
5	16QAM	1	0	15.92	16.08	15.87		
5	16QAM	1	12	16.03	16.04	15.89	17.2	0
5	16QAM	1	24	16.07	15.93	15.91		
5	16QAM	12	0	15.93	15.97	16.04		
5	16QAM	12	7	16.12	16.04	15.88	17.2	0
5	16QAM	12	13	15.94	15.96	15.85		
5	16QAM	25	0	15.91	16.05	15.81		
5	64QAM	1	0	16.13	16.05	15.96	17.2	0
5	64QAM	1	12	15.98	16.10	15.86		
5	64QAM	1	24	15.99	16.12	15.97		
5	64QAM	12	0	16.13	16.10	15.80		
5	64QAM	12	7	15.94	15.94	16.03	17.2	0
5	64QAM	12	13	15.98	15.92	16.00		
5	64QAM	25	0	16.07	16.00	15.80		
5	256QAM	1	0	16.10	16.04	16.03	17.2	0
5	256QAM	1	12	16.14	16.06	15.97		
5	256QAM	1	24	15.91	15.96	15.90		
5	256QAM	12	0	16.09	16.14	15.91	17.2	0
5	256QAM	12	7	15.98	16.07	15.81		
5	256QAM	12	13	16.05	15.94	15.98		
5	256QAM	25	0	16.08	15.92	15.85		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.97	15.94	15.93	17.2	0
3	QPSK	1	8	16.11	16.13	15.91		
3	QPSK	1	14	15.90	16.12	15.90		
3	QPSK	8	0	16.10	15.95	15.98	17.2	0
3	QPSK	8	4	16.06	15.98	16.00		
3	QPSK	8	7	15.98	16.12	16.00		
3	QPSK	15	0	16.13	16.03	15.82		
3	16QAM	1	0	16.11	16.01	16.03	17.2	0
3	16QAM	1	8	16.14	16.09	15.83		
3	16QAM	1	14	16.11	16.03	16.00		
3	16QAM	8	0	16.00	15.98	15.99	17.2	0
3	16QAM	8	4	16.05	16.01	15.91		
3	16QAM	8	7	15.98	16.13	15.90		
3	16QAM	15	0	15.99	15.92	15.82		
3	64QAM	1	0	16.02	15.91	15.81	17.2	0
3	64QAM	1	8	16.05	16.07	15.86		
3	64QAM	1	14	16.13	15.99	15.88		
3	64QAM	8	0	15.99	16.14	15.85	17.2	0
3	64QAM	8	4	16.05	15.94	15.82		
3	64QAM	8	7	16.00	15.91	15.95		
3	64QAM	15	0	16.06	15.99	15.91		
3	256QAM	1	0	16.06	16.08	16.02	17.2	0
3	256QAM	1	8	15.96	15.92	15.98		
3	256QAM	1	14	15.96	16.01	15.96		
3	256QAM	8	0	15.92	16.14	15.97	17.2	0
3	256QAM	8	4	16.12	16.14	16.03		
3	256QAM	8	7	16.05	16.05	16.04		
3	256QAM	15	0	15.91	16.00	16.02		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.12	16.11	15.84	17.2	0
1.4	QPSK	1	3	15.96	16.06	15.81		
1.4	QPSK	1	5	16.09	16.09	15.89		
1.4	QPSK	3	0	16.11	15.95	15.93		
1.4	QPSK	3	1	16.11	16.06	15.98		
1.4	QPSK	3	3	16.04	15.96	16.01		
1.4	QPSK	6	0	15.94	15.92	16.02	17.2	0
1.4	16QAM	1	0	16.12	15.93	15.93	17.2	0
1.4	16QAM	1	3	15.90	15.98	15.80		
1.4	16QAM	1	5	16.05	16.00	15.98		
1.4	16QAM	3	0	15.94	16.15	15.95		
1.4	16QAM	3	1	15.91	16.07	15.98		
1.4	16QAM	3	3	15.93	16.01	15.95		
1.4	16QAM	6	0	15.95	16.01	15.92	17.2	0
1.4	64QAM	1	0	16.12	15.92	15.87	17.2	0
1.4	64QAM	1	3	16.01	16.08	15.83		
1.4	64QAM	1	5	16.13	15.95	15.96		
1.4	64QAM	3	0	15.97	16.09	15.96		
1.4	64QAM	3	1	15.96	16.14	15.85		
1.4	64QAM	3	3	16.12	16.01	15.93		
1.4	64QAM	6	0	16.06	16.10	15.89	17.2	0
1.4	256QAM	1	0	16.05	16.11	15.86	17.2	0
1.4	256QAM	1	3	15.97	15.98	15.98		
1.4	256QAM	1	5	15.91	15.92	15.87		
1.4	256QAM	3	0	16.07	16.00	15.83		
1.4	256QAM	3	1	16.10	15.96	15.96		
1.4	256QAM	3	3	16.09	16.05	15.81		
1.4	256QAM	6	0	15.98	16.14	16.02	17.2	0

Band 5 Ant1 DIS2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.22	21.27	21.16	22.7	0
10	QPSK	1	25	21.08	21.13	20.97		
10	QPSK	1	49	20.98	21.06	20.89		
10	QPSK	25	0	21.16	21.22	21.09		
10	QPSK	25	12	21.12	21.10	20.94	22.7	0
10	QPSK	25	25	21.04	21.21	21.10		
10	QPSK	50	0	21.07	21.19	21.13		
10	16QAM	1	0	21.17	21.03	20.92		
10	16QAM	1	25	21.02	21.17	21.08	22.7	0
10	16QAM	1	49	21.09	21.01	20.89		
10	16QAM	25	0	21

Band 12 Ant1 DIS2

BW [MHz]	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	20.03	20.24	20.13		
10	QPSK	1	25	19.94	20.19	19.97	21.7	0
10	QPSK	1	49	19.85	19.98	20.02		
10	QPSK	25	0	20.18	20.21	20.09		
10	QPSK	25	12	19.98	20.19	19.95	21.7	0
10	QPSK	25	25	19.86	20.15	19.92		
10	QPSK	50	0	20.15	20.17	20.10		
10	16QAM	1	0	19.90	20.04	19.88		
10	16QAM	1	25	19.96	20.02	19.99	21.7	0
10	16QAM	1	49	19.76	20.00	19.97		
10	16QAM	25	0	19.89	20.13	19.97		
10	16QAM	25	12	20.00	20.10	19.86	21.7	0
10	16QAM	25	25	19.85	20.12	19.88		
10	16QAM	50	0	19.80	20.21	20.01		
10	64QAM	1	0	19.95	20.06	20.04		
10	64QAM	1	25	19.94	20.05	20.04	21.7	0
10	64QAM	1	49	19.86	20.18	20.06		
10	64QAM	25	0	19.97	20.08	19.94		
10	64QAM	25	12	19.87	20.13	20.08	21.7	0
10	64QAM	25	25	19.95	20.16	19.94		
10	64QAM	50	0	19.91	20.00	19.93		
10	256QAM	1	0	18.08	18.28	18.16		
10	256QAM	1	25	18.06	18.42	18.12	19.7	2
10	256QAM	1	49	17.95	18.24	18.08		
10	256QAM	25	0	18.12	18.26	18.13		
10	256QAM	25	12	17.98	18.07	18.15	19.7	2
10	256QAM	25	25	18.03	18.08	18.11		
10	256QAM	50	0	17.83	18.26	18.10		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	19.83	20.08	20.02		
5	QPSK	1	12	19.90	20.00	19.91	21.7	0
5	QPSK	1	24	19.85	20.10	20.09		
5	QPSK	12	0	19.81	20.04	19.98		
5	QPSK	12	7	19.86	20.07	20.03	21.7	0
5	QPSK	12	13	19.85	19.97	20.03		
5	QPSK	25	0	19.85	20.04	19.93		
5	16QAM	1	0	19.91	20.10	20.02		
5	16QAM	1	12	19.91	20.12	20.05	21.7	0
5	16QAM	1	24	19.87	20.17	20.05		
5	16QAM	12	0	19.77	20.11	19.93		
5	16QAM	12	7	19.82	20.06	20.06	21.7	0
5	16QAM	12	13	19.78	20.16	20.06		
5	16QAM	25	0	19.95	19.98	19.96		
5	64QAM	1	0	19.80	20.13	19.88		
5	64QAM	1	12	19.82	20.02	19.98	21.7	0
5	64QAM	1	24	19.90	19.97	19.89		
5	64QAM	12	0	19.79	19.99	20.06		
5	64QAM	12	7	19.80	20.17	20.02	21.7	0
5	64QAM	12	13	19.92	20.11	19.86		
5	64QAM	25	0	19.98	20.20	20.01		
5	256QAM	1	0	17.92	18.26	18.26		
5	256QAM	1	12	17.88	18.20	18.29	19.7	2
5	256QAM	1	24	18.12	18.31	18.11		
5	256QAM	12	0	18.07	18.19	18.20		
5	256QAM	12	7	18.10	18.22	18.25	19.7	2
5	256QAM	12	13	18.11	18.20	18.06		
5	256QAM	25	0	18.01	18.15	18.20		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	19.88	20.19	20.04		
3	QPSK	1	8	19.91	20.11	19.88	21.7	0
3	QPSK	1	14	20.00	20.11	20.01		
3	QPSK	8	0	19.97	20.02	19.95		
3	QPSK	8	4	19.99	20.18	19.90	21.7	0
3	QPSK	8	7	19.84	20.00	20.07		
3	QPSK	15	0	19.96	20.18	19.94		
3	16QAM	1	0	19.89	20.04	19.89		
3	16QAM	1	8	19.90	20.03	19.96	21.7	0
3	16QAM	1	14	19.96	20.21	19.98		
3	16QAM	8	0	19.80	19.97	19.96		
3	16QAM	8	4	19.91	20.18	19.90	21.7	0
3	16QAM	8	7	20.00	20.11	19.92		
3	16QAM	15	0	19.88	20.06	20.08		
3	64QAM	1	0	19.95	20.02	19.91		
3	64QAM	1	8	19.84	20.20	19.99	21.7	0
3	64QAM	1	14	19.77	20.02	20.01		
3	64QAM	8	0	19.94	20.17	19.93		
3	64QAM	8	4	19.80	20.01	19.99	21.7	0
3	64QAM	8	7	19.96	20.14	19.98		
3	64QAM	15	0	19.92	20.07	20.02		
3	256QAM	1	0	17.87	18.26	18.27		
3	256QAM	1	8	18.05	18.23	18.21	19.7	2
3	256QAM	1	14	18.14	18.36	18.04		
3	256QAM	8	0	17.92	18.30	18.16		
3	256QAM	8	4	17.98	18.04	18.15	19.7	2
3	256QAM	8	7	18.05	18.26	18.20		
3	256QAM	15	0	17.96	18.15	18.24		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	19.99	20.15	19.88		
1.4	QPSK	1	3	19.98	20.16	20.00		
1.4	QPSK	1	5	19.92	20.11	20.05	21.7	0
1.4	QPSK	3	0	19.91	20.10	19.92		
1.4	QPSK	3	1	19.82	20.07	20.02		
1.4	QPSK	3	3	19.90	20.00	19.92		
1.4	QPSK	6	0	19.81	20.18	19.87	21.7	0
1.4	16QAM	1	0	19.90	20.10	19.94		
1.4	16QAM	1	3	19.91	19.97	19.93		
1.4	16QAM	1	5	19.78	20.04	20.06	21.7	0
1.4	16QAM	3	0	19.94	20.19	19.99		
1.4	16QAM	3	1	19.92	20.08	19.97		
1.4	16QAM	3	3	19.80	19.99	20.07		
1.4	16QAM	6	0	19.90	20.07	19.93	21.7	0
1.4	64QAM	1	0	19.82	20.03	19.92		
1.4	64QAM	1	3	19.90	20.04	20.02		
1.4	64QAM	1	5	19.96	20.07	19.91	21.7	0
1.4	64QAM	3	0	19.87	20.17	20.09		
1.4	64QAM	3	1	19.96	20.14	20.02		
1.4	64QAM	3	3	19.98	20.20	19.90		
1.4	64QAM	6	0	19.94	20.16	19.91	21.7	0
1.4	256QAM	1	0	17.94	18.27	18.19		
1.4	256QAM	1	3	17.93	18.32	18.15		
1.4	256QAM	1	5	18.05	18.33	18.15	19.7	2
1.4	256QAM	3	0	18.08	18.20	18.20		
1.4	256QAM	3	1	18.02	18.13	18.16		
1.4	256QAM	3	3	18.10	18.30	18.15		
1.4	256QAM	6	0	17.94	18.25	18.18	19.7	2

Band 13 Ant1 DIS2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		20.24			
10	QPSK	1	25		20.04		21.2	0
10	QPSK	1	49		20.07			
10	QPSK	25	0		20.21			
10	QPSK	25	12		20.10		21.2	0
10	QPSK	25	25		20.08			
10	QPSK	50	0		20.20			
10	16QAM	1	0		20.02			
10	16QAM	1	25		20.17		21.2	0
10	16QAM	1	49		20.17			
10	16QAM	25	0		20.20			
10	16QAM	25	12		20.18		21.2	0
10	16QAM	25	25		20.14			
10	16QAM	50	0		20.16			
10	64QAM	1	0		20.06			
10	64QAM	1	25		20.22		21.2	0
10	64QAM	1	49		20.18			
10	64QAM	25	0		20.05			
10	64QAM	25	12		20.18		21.2	0
10	64QAM	25	25		20.05			
10	64QAM	50	0		20.10			
10	256QAM	1	0		19.12			
10	256QAM	1	25		19.25		20.2	1
10	256QAM	1	49		19.11			
10	256QAM	25	0		19.07			
10	256QAM	25	12		19.20		20.2	1
10	256QAM	25	25		18.98			
10	256QAM	50	0		19.13			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	19.98	20.09	19.94		
5	QPSK	1	12	19.93	20.15	19.87	21.2	0
5	QPSK	1	24	19.77	20.03	20.04		
5	QPSK	12	0	19.88	20.00	20.06		
5	QPSK	12	7	19.90	20.18	19.88	21.2	0
5	QPSK	12	13	19.80	19.97	19.97		
5	QPSK	25	0	19.95	20.10	19.87		
5	16QAM	1	0	19.86	20.00	19.99		
5	16QAM	1	12	19.80	20.20	19.87	21.2	0
5	16QAM	1	24	19.87	20.11	20.07		
5	16QAM	12	0	19.84	20.11	19.97		
5	16QAM	12	7	19.83	20.00	19.87	21.2	0
5	16QAM	12	13	19.99	20.02	19.96		
5	16QAM	25	0	19.79	20.03	20.02		
5	64QAM	1	0	19.87	20.07	20.06		
5	64QAM	1	12	19.94	20.14	19.97	21.2	0
5	64QAM	1	24	19.94	20.03	19.92		
5	64QAM	12	0	19.94	20.03	19.99		
5	64QAM	12	7	19.77	20.18	20.01	21.2	0
5	64QAM	12	13	19.97	19.98	19.89		
5	64QAM	25	0	19.98	20.20	19.93		
5	256QAM	1	0	18.91	19.18	18.96		
5	256QAM	1	12	18.91	19.23	18.87	20.2	1
5	256QAM	1	24	18.83	19.17	18.90		
5	256QAM	12	0	18.74	19.05	19.06		
5	256QAM	12	7	18.73	19.17	19.01	20.2	1
5	256QAM	12	13	18.80	18.93	18.78		
5	256QAM	25	0	18.99	19.12	19.21		

Band 17 Ant1 DIS2

BW [MHz]	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	20.17	20.18	20.14		
10	QPSK	1	25	19.97	20.06	19.88	21.7	0
10	QPSK	1	49	19.90	20.09	20.05		
10	QPSK	25	0	20.15	20.16	20.11		
10	QPSK	25	12	19.79	20.05	19.92	21.7	0
10	QPSK	25	25	19.91	20.05	19.88		
10	QPSK	50	0	20.08	20.15	20.07		
10	16QAM	1	0	19.77	20.11	19.88		
10	16QAM	1	25	19.89	20.12	19.92	21.7	0
10	16QAM	1	49	19.93	20.06	20.00		
10	16QAM	25	0	19.93	20.06	19.93		
10	16QAM	25	12	19.88	20.14	20.02	21.7	0
10	16QAM	25	25	20.00	20.03	20.09		
10	16QAM	50	0	19.93	20.02	20.02		
10	64QAM	1	0	19.91	20.08	20.01		
10	64QAM	1	25	19.82	20.15	20.01	21.7	0
10	64QAM	1	49	19.90	20.14	20.08		
10	64QAM	25	0	19.94	20.13	19.98		
10	64QAM	25	12	19.81	20.07	19.88	21.7	0
10	64QAM	25	25	19.92	20.09	19.90		
10	64QAM	50	0	19.77	20.00	19.93		
10	256QAM	1	0	18.03	18.36	18.14		
10	256QAM	1	25	17.97	18.35	18.27	19.7	2
10	256QAM	1	49	18.05	18.44	18.00		
10	256QAM	25	0	18.13	18.31	18.17		
10	256QAM	25	12	18.11	18.04	18.09	19.7	2
10	256QAM	25	25	18.16	18.08	18.15		
10	256QAM	50	0	17.88	18.20	18.11		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	19.83	20.12	20.02		
5	QPSK	1	12	19.90	19.98	19.87	21.7	0
5	QPSK	1	24	19.74	19.98	20.03		
5	QPSK	12	0	19.94	19.99	19.85		
5	QPSK	12	7	19.74	19.98	19.90	21.7	0
5	QPSK	12	13	19.85	19.99	19.83		
5	QPSK	25	0	19.93	20.07	20.02		
5	16QAM	1	0	19.78	19.99	19.96		
5	16QAM	1	12	19.75	20.08	19.85	21.7	0
5	16QAM	1	24	19.93	20.12	20.03		
5	16QAM	12	0	19.75	20.14	19.81		
5	16QAM	12	7	19.94	20.01	19.84	21.7	0
5	16QAM	12	13	19.83	19.96	19.86		
5	16QAM	25	0	19.75	19.97	19.93		
5	64QAM	1	0	19.90	19.98	20.01		
5	64QAM	1	12	19.94	20.11	19.98	21.7	0
5	64QAM	1	24	19.88	19.97	19.95		
5	64QAM	12	0	19.78	20.14	19.87		
5	64QAM	12	7	19.80	19.95	19.90	21.7	0
5	64QAM	12	13	19.81	19.96	19.83		
5	64QAM	25	0	19.90	20.10	19.99		
5	256QAM	1	0	17.91	18.39	18.11		
5	256QAM	1	12	18.01	18.24	18.27	19.7	2
5	256QAM	1	24	18.11	18.36	18.18		
5	256QAM	12	0	17.98	18.22	18.23		
5	256QAM	12	7	17.99	18.16	18.11	19.7	2
5	256QAM	12	13	18.14	18.27	18.23		
5	256QAM	25	0	17.98	18.30	18.30		

Band 25 Ant1 DIS2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.71	15.74	15.65		
20	QPSK	1	49	15.67	15.63	15.41	16.9	0
20	QPSK	1	99	15.45	15.34	15.43		
20	QPSK	50	0	15.67	15.73	15.59		
20	QPSK	50	24	15.50	15.50	15.56	16.9	0
20	QPSK	50	50	15.50	15.41	15.50		
20	QPSK	100	0	15.64	15.69	15.58		
20	16QAM	1	0	15.49	15.53	15.50		
20	16QAM	1	49	15.62	15.55	15.46	16.9	0
20	16QAM	1	99	15.52	15.59	15.57		
20	16QAM	50	0	15.49	15.36	15.37		
20	16QAM	50	24	15.59	15.47	15.45	16.9	0
20	16QAM	50	50	15.41	15.56	15.39		
20	16QAM	100	0	15.56	15.43	15.50		
20	64QAM	1	0	15.49	15.36	15.33		
20	64QAM	1	49	15.37	15.43	15.47	16.9	0
20	64QAM	1	99	15.51	15.36	15.39		
20	64QAM	50	0	15.44	15.66	15.44		
20	64QAM	50	24	15.48	15.55	15.39	16.9	0
20	64QAM	50	50	15.57	15.47	15.41		
20	64QAM	100	0	15.66	15.36	15.46		
20	256QAM	1	0	15.56	15.39	15.36		
20	256QAM	1	49	15.41	15.66	15.26	16.9	0
20	256QAM	1	99	15.63	15.36	15.30		
20	256QAM	50	0	15.50	15.67	15.35		
20	256QAM	50	24	15.52	15.60	15.38	16.9	0
20	256QAM	50	50	15.68	15.55	15.51		
20	256QAM	100	0	15.38	15.65	15.43		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.61	15.63	15.56		
15	QPSK	1	37	15.64	15.40	15.43	16.9	0
15	QPSK	1	74	15.54	15.36	15.34		
15	QPSK	36	0	15.63	15.53	15.64		
15	QPSK	36	20	15.58	15.52	15.44	16.9	0
15	QPSK	36	39	15.66	15.47	15.63		
15	QPSK	75	0	15.58	15.54	15.47		
15	16QAM	1	0	15.48	15.61	15.48		
15	16QAM	1	37	15.57	15.50	15.56	16.9	0
15	16QAM	1	74	15.43	15.56	15.40		
15	16QAM	36	0	15.50	15.50	15.33		
15	16QAM	36	20	15.46	15.67	15.43	16.9	0
15	16QAM	36	39	15.43	15.53	15.28		
15	16QAM	75	0	15.47	15.61	15.49		
15	64QAM	1	0	15.62	15.53	15.22		
15	64QAM	1	37	15.42	15.47	15.45	16.9	0
15	64QAM	1	74	15.58	15.44	15.31		
15	64QAM	36	0	15.56	15.60	15.56		
15	64QAM	36	20	15.44	15.67	15.28	16.9	0
15	64QAM	36	39	15.46	15.58	15.41		
15	64QAM	75	0	15.49	15.55	15.42		
15	256QAM	1	0	15.45	15.59	15.44		
15	256QAM	1	37	15.47	15.46	15.40	16.9	0
15	256QAM	1	74	15.50	15.42	15.42		
15	256QAM	36	0	15.56	15.59	15.42		
15	256QAM	36	20	15.42	15.49	15.45	16.9	0
15	256QAM	36	39	15.64	15.39	15.58		
15	256QAM	75	0	15.36	15.61	15.58		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.54	15.64	15.61		
10	QPSK	1	25	15.69	15.48	15.52	16.9	0
10	QPSK	1	49	15.48	15.53	15.31		
10	QPSK	25	0	15.47	15.54	15.47		
10	QPSK	25	12	15.49	15.46	15.65	16.9	0
10	QPSK	25	25	15.59	15.56	15.52		
10	QPSK	50	0	15.44	15.47	15.58		
10	16QAM	1	0	15.32	15.55	15.55		
10	16QAM	1	25	15.44	15.41	15.46	16.9	0
10	16QAM	1	49	15.38	15.55	15.39		
10	16QAM	25	0	15.59	15.48	15.29		
10	16QAM	25	12	15.63	15.54	15.44	16.9	0
10	16QAM	25	25	15.51	15.54	15.36		
10	16QAM	50	0	15.54	15.56	15.61		
10	64QAM	1	0	15.65	15.46	15.24		
10	64QAM	1	25	15.49	15.51	15.53	16.9	0
10	64QAM	1	49	15.50	15.39	15.33		
10	64QAM	25	0	15.48	15.51	15.38		
10	64QAM	25	12	15.55	15.59	15.29	16.9	0
10	64QAM	25	25	15.57	15.48	15.41		
10	64QAM	50	0	15.58	15.54	15.41		
10	256QAM	1	0	15.67	15.58	15.25		
10	256QAM	1	25	15.40	15.46	15.36	16.9	0
10	256QAM	1	49	15.43	15.43	15.53		
10	256QAM	25	0	15.38	15.50	15.37		
10	256QAM	25	12	15.56	15.46	15.49	16.9	0
10	256QAM	25	25	15.61	15.50	15.52		
10	256QAM	50	0	15.40	15.67	15.41		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.61	15.66	15.41		
5	QPSK	1	12	15.58	15.59	15.41	16.9	0
5	QPSK	1	24	15.40	15.40	15.21		
5	QPSK	12	0	15.48	15.54	15.49		
5	QPSK	12	7	15.53	15.51	15.64	16.9	0
5	QPSK	12	13	15.66	15.49	15.59		
5	QPSK	25	0	15.47	15.61	15.47		
5	16QAM	1	0	15.37	15.62	15.59		
5	16QAM	1	12	15.51	15.54	15.47	16.9	0
5	16QAM	1	24	15.51	15.67	15.51		
5	16QAM	12	0	15.65	15.36	15.35		
5	16QAM	12	7	15.47	15.59	15.32	16.9	0
5	16QAM	12	13	15.44	15.42	15.28		
5	16QAM	25	0	15.40	15.42	15.65		
5	64QAM	1	0	15.55	15.44	15.34		
5	64QAM	1	12	15.51	15.31	15.54	16.9	0
5	64QAM	1	24	15.41	15.41	15.42		
5	64QAM	12	0	15.54	15.69	15.47		
5	64QAM	12	7	15.53	15.60	15.34	16.9	0
5	64QAM	12	13	15.50	15.62	15.33		
5	64QAM	25	0	15.52	15.44	15.41		
5	256QAM	1	0	15.46	15.59	15.42		
5	256QAM	1	12	15.57	15.51	15.35	16.9	0
5	256QAM	1	24	15.45	15.44	15.33		
5	256QAM	12	0	15.40	15.47	15.30		
5	256QAM	12	7	15.56	15.49	15.25	16.9	0
5	256QAM	12	13	15.58	15.47	15.56		
5	256QAM	25	0	15.39	15.67	15.52		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.66	15.72	15.61		
3	QPSK	1	8	15.61	15.56	15.60	16.9	0
3	QPSK	1	14	15.47	15.38	15.45		
3	QPSK	8	0	15.57	15.73	15.58		
3	QPSK	8	4	15.53	15.58	15.55	16.9	0
3	QPSK	8	7	15.62	15.60	15.58		
3	QPSK	15	0	15.37	15.45	15.46		
3	16QAM	1	0	15.50	15.57	15.55		
3	16QAM	1	8	15.52	15.60	15.49	16.9	0
3	16QAM	1	14	15.54	15.48	15.48		
3	16QAM	8	0	15.51	15.43	15.28		
3	16QAM	8	4	15.65	15.57	15.43	16.9	0
3	16QAM	8	7	15.37	15.58	15.40		
3	16QAM	15	0	15.59	15.51	15.41		
3	64QAM	1	0	15.47	15.53	15.33		
3	64QAM	1	8	15.47	15.35	15.54

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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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.31	21.35	21.17	22.7	0
15	QPSK	1	37	21.11	21.15	21.04		
15	QPSK	1	74	21.19	21.15	21.10		
15	QPSK	36	0	21.13	21.29	21.13	22.7	0
15	QPSK	36	20	21.12	21.22	20.99		
15	QPSK	36	39	21.16	21.25	21.00		
15	QPSK	75	0	21.22	21.27	21.03		
15	16QAM	1	0	21.14	21.11	21.22	22.7	0
15	16QAM	1	37	21.27	21.25	21.08		
15	16QAM	1	74	21.13	21.32	21.11		
15	16QAM	36	0	21.15	21.32	21.11	22.7	0
15	16QAM	36	20	21.13	21.26	21.08		
15	16QAM	36	39	21.24	21.18	21.06		
15	16QAM	75	0	21.08	21.34	21.09		
15	64QAM	1	0	21.06	21.16	21.00	22.7	0
15	64QAM	1	37	21.28	21.23	21.21		
15	64QAM	1	74	21.14	21.24	21.01		
15	64QAM	36	0	20.66	20.60	20.56	21.7	1
15	64QAM	36	20	20.64	20.62	20.50		
15	64QAM	36	39	20.56	20.56	20.43		
15	64QAM	75	0	20.55	20.58	20.44		
15	256QAM	1	0	18.83	18.78	18.68	19.7	3
15	256QAM	1	37	18.79	18.85	18.76		
15	256QAM	1	74	18.74	18.77	18.51		
15	256QAM	36	0	18.53	18.69	18.56	19.7	3
15	256QAM	36	20	18.65	18.78	18.73		
15	256QAM	36	39	18.78	18.70	18.51		
15	256QAM	75	0	18.69	18.85	18.63		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.18	21.13	21.13	22.7	0
10	QPSK	1	25	21.24	21.16	21.20		
10	QPSK	1	49	21.18	21.23	21.09		
10	QPSK	25	0	21.27	21.15	21.10	22.7	0
10	QPSK	25	12	21.14	21.20	21.07		
10	QPSK	25	25	21.16	21.14	21.00		
10	QPSK	50	0	21.11	21.26	21.08		
10	16QAM	1	0	21.23	21.18	20.99	22.7	0
10	16QAM	1	25	21.29	21.15	21.03		
10	16QAM	1	49	21.17	21.16	21.07		
10	16QAM	25	0	21.22	21.15	21.04	22.7	0
10	16QAM	25	12	21.11	21.17	21.07		
10	16QAM	25	25	21.12	21.14	21.12		
10	16QAM	50	0	21.15	21.31	21.01		
10	64QAM	1	0	21.29	21.16	21.10	22.7	0
10	64QAM	1	25	21.21	21.23	21.09		
10	64QAM	1	49	21.05	21.32	21.07		
10	64QAM	25	0	20.66	20.60	20.61	21.7	1
10	64QAM	25	12	20.57	20.54	20.36		
10	64QAM	25	25	20.58	20.59	20.38		
10	64QAM	50	0	20.59	20.55	20.52		
10	256QAM	1	0	18.77	18.74	18.69	19.7	3
10	256QAM	1	25	18.70	18.64	18.71		
10	256QAM	1	49	18.58	18.78	18.58		
10	256QAM	25	0	18.68	18.71	18.36	19.7	3
10	256QAM	25	12	18.64	18.67	18.73		
10	256QAM	25	25	18.72	18.67	18.48		
10	256QAM	50	0	18.63	18.90	18.60		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.13	21.28	21.15	22.7	0
5	QPSK	1	12	21.25	21.17	21.14		
5	QPSK	1	24	21.23	21.26	21.06		
5	QPSK	12	0	21.26	21.26	21.09	22.7	0
5	QPSK	12	7	21.15	21.24	21.02		
5	QPSK	12	13	21.12	21.20	21.16		
5	QPSK	25	0	21.23	21.25	21.06		
5	16QAM	1	0	21.21	21.23	21.08	22.7	0
5	16QAM	1	12	21.11	21.25	21.06		
5	16QAM	1	24	21.27	21.26	21.04		
5	16QAM	12	0	21.18	21.19	21.14	22.7	0
5	16QAM	12	7	21.28	21.15	21.08		
5	16QAM	12	13	21.14	21.13	21.16		
5	16QAM	25	0	21.10	21.14	21.22		
5	64QAM	1	0	21.21	21.20	21.06	22.7	0
5	64QAM	1	12	21.12	21.33	21.19		
5	64QAM	1	24	21.13	21.25	21.23		
5	64QAM	12	0	20.65	20.58	20.51	21.7	1
5	64QAM	12	7	20.57	20.55	20.39		
5	64QAM	12	13	20.62	20.65	20.42		
5	64QAM	25	0	20.70	20.48	20.65		
5	256QAM	1	0	18.76	18.77	18.64	19.7	3
5	256QAM	1	12	18.65	18.79	18.55		
5	256QAM	1	24	18.72	18.89	18.46		
5	256QAM	12	0	18.61	18.53	18.42	19.7	3
5	256QAM	12	7	18.71	18.82	18.70		
5	256QAM	12	13	18.69	18.60	18.48		
5	256QAM	25	0	18.54	18.80	18.70		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.06	21.25	21.05	22.7	0
3	QPSK	1	8	21.16	21.17	21.14		
3	QPSK	1	14	21.21	21.25	21.20		
3	QPSK	8	0	21.13	21.19	21.20	22.7	0
3	QPSK	8	4	21.06	21.29	21.11		
3	QPSK	8	7	21.15	21.17	21.12		
3	QPSK	15	0	21.09	21.29	21.17		
3	16QAM	1	0	21.15	21.24	21.19	22.7	0
3	16QAM	1	8	21.25	21.32	21.17		
3	16QAM	1	14	21.13	21.27	21.06		
3	16QAM	8	0	21.20	21.28	21.10	22.7	0
3	16QAM	8	4	21.22	21.15	21.23		
3	16QAM	8	7	21.11	21.34	21.23		
3	16QAM	15	0	21.13	21.27	21.23		
3	64QAM	1	0	21.27	21.11	21.00	22.7	0
3	64QAM	1	8	21.10	21.33	21.16		
3	64QAM	1	14	21.28	21.32	21.09		
3	64QAM	8	0	20.65	20.60	20.47	21.7	1
3	64QAM	8	4	20.60	20.56	20.57		
3	64QAM	8	7	20.55	20.54	20.35		
3	64QAM	15	0	20.76	20.56	20.56		
3	256QAM	1	0	18.78	18.72	18.65	19.7	3
3	256QAM	1	8	18.60	18.72	18.53		
3	256QAM	1	14	18.73	18.80	18.52		
3	256QAM	8	0	18.52	18.64	18.50	19.7	3
3	256QAM	8	4	18.69	18.67	18.81		
3	256QAM	8	7	18.63	18.59	18.56		
3	256QAM	15	0	18.54	18.86	18.68		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.14	21.20	21.18	22.7	0
1.4	QPSK	1	3	21.26	21.27	21.21		
1.4	QPSK	1	5	21.20	21.23	21.14		
1.4	QPSK	3	0	21.27	21.18	21.02		
1.4	QPSK	3	1	21.16	21.19	21.15		
1.4	QPSK	3	3	21.06	21.13	21.01		
1.4	QPSK	6	0	21.06	21.14	21.20	22.7	0
1.4	16QAM	1	0	21.13	21.19	21.07	22.7	0
1.4	16QAM	1	3	21.06	21.12	21.03		
1.4	16QAM	1	5	21.23	21.22	21.14		
1.4	16QAM	3	0	21.24	21.10	21.16		
1.4	16QAM	3	1	21.22	21.32	21.18		
1.4	16QAM	3	3	21.16	21.16	21.12		
1.4	16QAM	6	0	21.11	21.17	21.07	22.7	0
1.4	64QAM	1	0	21.29	21.15	21.02	22.7	0
1.4	64QAM	1	3	21.20	21.33	21.21		
1.4	64QAM	1	5	21.20	21.26	21.06		
1.4	64QAM	3	0	21.17	21.14	21.02		
1.4	64QAM	3	1	21.19	21.16	21.06		
1.4	64QAM	3	3	21.07	21.29	21.06		
1.4	64QAM	6	0	21.08	21.15	20.99	21.7	1
1.4	256QAM	1	0	18.86	18.68	18.75	19.7	3
1.4	256QAM	1	3	18.75	18.83	18.70		
1.4	256QAM	1	5	18.60	18.77	18.55		
1.4	256QAM	3	0	18.61	18.75	18.54		
1.4	256QAM	3	1	18.62	18.67	18.72		
1.4	256QAM	3	3	18.79	18.72	18.46		
1.4	256QAM	6	0	18.72	18.80	18.70	19.7	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.23	16.27	16.18	17.2	0
20	QPSK	1	49	16.16	16.01	15.94		
20	QPSK	1	99	16.15	16.05	15.88		
20	QPSK	50	0	16.18	16.25	16.22	17.2	0
20	QPSK	50	24	16.08	16.08	15.89		
20	QPSK	50	50	16.04	15.82	15.86		
20	QPSK	100	0	16.08	16.20	16.16		
20	16QAM	1	0	16.01	15.91	15.95	17.2	0
20	16QAM	1	49	16.09	15.96	15.85		
20	16QAM	1	99	16.16	15.95	15.92		
20	16QAM	50	0	16.10	16.18	15.75	17.2	0
20	16QAM	50	24	16.10	16.13	16.15		
20	16QAM	50	50	15.94	16.03	16.12		
20	16QAM	100	0	16.09	15.98	15.72		
20	64QAM	1	0	15.84	16.09	15.97	17.2	0
20	64QAM	1	49	15.82	16.05	15.85		
20	64QAM	1	99	16.17	15.97	15.96		
20	64QAM	50	0	15.92	15.96	16.07	17.2	0
20	64QAM	50	24	15.92	15.91	15.87		
20	64QAM	50	50	15.93	15.85	16.10		
20	64QAM	100	0	15.88	16.21	15.87		
20	256QAM	1	0	16.02	16.19	15.80	17.2	0
20	256QAM	1	49	15.97	16.04	15.71		
20	256QAM	1	99	16.02	15.94	15.94		
20	256QAM	50	0	15.92	16.03	15.93	17.2	0
20	256QAM	50	24	15.90	15.96	15.79		
20	256QAM	50	50	16.10	15.99	15.80		
20	256QAM	100	0	16.11	15.90	15.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.17	16.12	16.16	17.2	0
15	QPSK	1	37	15.95	16.16	16.08		
15	QPSK	1	74	16.20	16.25	15.95		
15	QPSK	36	0	16.14	16.02	16.14	17.2	0
15	QPSK	36	20	16.18	16.12	15.93		
15	QPSK	36	39	16.04	16.05	15.91		
15	QPSK	75	0	16.19	16.19	15.98		
15	16QAM	1	0	16.16	15.98	16.13	17.2	0
15	16QAM	1	37	16.17	16.06	15.98		
15	16QAM	1	74	16.09	16.08	16.04		
15	16QAM	36	0	16.14	16.17	15.95	17.2	0
15	16QAM	36	20	16.20	16.21	16.22		
15	16QAM	36	39	16.14	16.07	16.10		
15	16QAM	75	0	16.18	16.19	15.91		
15	64QAM	1	0	16.09	16.20	16.10	17.2	0
15	64QAM	1	37	15.94	16.13	16.02		
15	64QAM	1	74	16.17	16.03	16.02		
15	64QAM	36	0	16.12	16.01	16.08	17.2	0
15	64QAM	36	20	16.17	16.10	16.01		
15	64QAM	36	39	15.95	16.04	16.17		
15	64QAM	75	0	16.08	16.16	15.84		
15	256QAM	1	0	16.11	15.94	16.16	17.2	0
15	256QAM	1	37	15.90	16.26	15.95		
15	256QAM	1	74	16.26	16.16	15.89		
15	256QAM	36	0	16.01	16.11	16.02	17.2	0
15	256QAM	36	20	16.16	16.06	15.98		
15	256QAM	36	39	16.15	16.21	16.21		
15	256QAM	75	0	16.26	16.11	16.09		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.07	16.07	16.24	17.2	0
10	QPSK	1	25	16.02	16.00	15.90		
10	QPSK	1	49	15.98	16.02	15.91		
10	QPSK	25	0	16.20	16.17	16.11	17.2	0
10	QPSK	25	12	15.99	16.16	15.92		
10	QPSK	25	25	16.08	15.89	15.94		
10	QPSK	50	0	16.14	16.17	16.11		
10	16QAM	1	0	16.05	16.17	15.99	17.2	0
10	16QAM	1	25	16.15	16.23	16.12		
10	16QAM	1	49	16.02	16.21	16.02		
10	16QAM	25	0	16.19	16.01	15.89	17.2	0
10	16QAM	25	12	16.05	16.15	16.08		
10	16QAM	25	25	16.16	16.16	16.19		
10	16QAM	50	0	16.19	16.17	15.94		
10	64QAM	1	0	15.97	16.15	16.11	17.2	0
10	64QAM	1	25	15.94	16.15	15.92		
10	64QAM	1	49	16.22	16.16	16.04		
10	64QAM	25	0	16.22	15.97	16.02	17.2	0
10	64QAM	25	12	16.11	16.14	15.87		
10	64QAM	25	25	16.16	16.02	15.99		
10	64QAM	50	0	16.09	16.18	15.81		
10	256QAM	1	0	16.11	16.17	16.16	17.2	0
10	256QAM	1	25	16.00	16.16	16.01		
10	256QAM	1	49	16.21	16.19	15.98		
10	256QAM	25	0	16.12	16.12	15.88	17.2	0
10	256QAM	25	12	16.15	16.06	16.07		
10	256QAM	25	25	16.12	16.00	16.09		
10	256QAM	50	0	16.17	15.94	16.01		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.21	16.15	16.10	17.2	0
5	QPSK	1	12	16.02	16.09	16.08		
5	QPSK	1	24	16.19	16.09	15.84		
5	QPSK	12	0	16.23	16.13	16.19	17.2	0
5	QPSK	12	7	16.05	16.02	15.98		
5	QPSK	12	13	15.94	16.06	15.97		
5	QPSK	25	0	16.13	16.13	16.18		
5	16QAM	1	0	16.03	15.96	16.04	17.2	0
5	16QAM	1	12	16.13	16.04	16.08		
5	16QAM	1	24	16.20	16.09	16.17		
5	16QAM	12	0	16.16	16.09	15.92	17.2	0
5	16QAM	12	7	16.21	16.13	16.05		
5	16QAM	12	13	16.02	16.02	16.13		
5	16QAM	25	0	16.11	16.06	16.01		
5	64QAM	1	0	16.12	16.17	16.09	17.2	0
5	64QAM	1	12	16.00	16.10	16.02		
5	64QAM	1	24	16.01	16.04	16.25		
5	64QAM	12	0	16.12	16.05	16.22	17.2	0
5	64QAM	12	7	16.16	16.21	15.81		
5	64QAM	12	13	16.12	16.08	16.14		
5	64QAM	25	0	16.03	16.18	15.97		
5	256QAM	1	0	16.18	16.23	16.08	17.2	0
5	256QAM	1	12	15.89	16.15	15.87		
5	256QAM	1	24	16.16	16.20	16.06		
5	256QAM	12	0	16.17	16.24	16.05	17.2	0
5	256QAM	12	7	16.10	16.13	16.06		
5	256QAM	12	13	16.26	16.20	16.05		
5	256QAM	25	0	16.02	15.94	15.92		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.07	16.01	16.21	17.2	0
3	QPSK	1	8	15.99	16.17	16.01		
3	QPSK	1	14	16.18	16.14	16.04		
3	QPSK	8	0	16.07	16.19	16.23	17.2	0
3	QPSK	8	4	15.96	16.19	15.82		
3	QPSK	8	7	16.06	15.96	15.91		
3	QPSK	15	0	16.16	16.14	16.09		
3	16QAM	1	0	16.14	16.10	16.14	17.2	0
3	16QAM	1	8	16.19	16.19	16.13		
3	16QAM	1	14	16.21	16.04	16.10		
3	16QAM	8	0	16.17	16.21	16.04	17.2	0
3	16QAM	8	4	16.16	16.19	16.24		
3	16QAM	8	7	16.21	16.15	16.10		
3	16QAM	15	0	16.21	16.07	15.96	17.2	0
3	64QAM	1	0	16.12	16.18	15.96		
3	64QAM	1	8	15.93	16.18	16.00		
3	64QAM	1	14	16.25	16.21	16.21		
3	64QAM	8	0	16.08	16.08	16.21	17.2	0
3	64QAM	8	4	15.95	16.08	15.93		
3	64QAM	8	7	15.95	16.09	16.11		
3	64QAM	15	0	16.12	16.19	15.92		
3	256QAM	1	0	16.19	16.09	16.07	17.2	0
3	256QAM	1	8	16.08	16.12	15.98		
3	256QAM	1	14	16.08	16.13	16.02		
3	256QAM	8	0	16.04	16.23	15.85	17.2	0
3	256QAM	8	4	16.07	15.98	16.03		
3	256QAM	8	7	16.16	16.01	16.02		
3	256QAM	15	0	16.18	16.11	15.93		
Channel				131975	132332	132685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.11	16.10	16.18	17.2	0
1.4	QPSK	1	3	16.11	15.99	16.13		
1.4	QPSK	1	5	16.03	16.12	16.06		
1.4	QPSK	3	0	16.06	16.18	16.12		
1.4	QPSK	3	1	15.96	16.13	15.99		
1.4	QPSK	3	3	15.96	16.06	15.97		
1.4	QPSK	6	0	16.24	16.19	16.18	17.2	0
1.4	16QAM	1	0	16.05	16.11	16.19	17.2	0
1.4	16QAM	1	3	16.15	16.23	16.02		
1.4	16QAM	1	5	16.24	16.04	16.11		
1.4	16QAM	3	0	16.02	16.25	15.85		
1.4	16QAM	3	1	16.15	15.99	16.02		
1.4	16QAM	3	3	16.01	16.17	16.17		
1.4	16QAM	6	0	16.17	16.07	15.93	17.2	0
1.4	64QAM	1	0	16.08	16.11	16.08	17.2	0
1.4	64QAM	1	3	15.96	16.08	15.90		
1.4	64QAM	1	5	16.26	16.19	16.16		
1.4	64QAM	3	0	16.04	16.02	16.03		
1.4	64QAM	3	1	16.13	16.22	16.01		
1.4	64QAM	3	3	15.93	16.06	15.99		
1.4	64QAM	6	0	15.95	16.02	15.84	17.2	0
1.4	256QAM	1	0	16.19	16.01	16.04	17.2	0
1.4	256QAM	1	3	16.03	16.24	15.91		
1.4	256QAM	1	5	16.11	16.20	16.05		
1.4	256QAM	3	0	16.09	16.18	16.02		
1.4	256QAM	3	1	16.02	15.93	16.04		
1.4	256QAM	3	3	16.14	16.10	15.92		
1.4	256QAM	6	0	16.16	16.06	15.94	17.2	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)				2580	2595	2610		
20	QPSK	1	0	18.12	18.21	18.17	19.4	0
20	QPSK	1	49	17.86	17.96	17.90		
20	QPSK	1	99	17.92	18.17	18.03		
20	QPSK	50	0	18.15	18.20	18.12	19.4	0
20	QPSK	50	24	17.96	18.16	18.02		
20	QPSK	50	50	18.05	18.01	18.01		
20	QPSK	100	0	18.09	18.17	18.07		
20	16QAM	1	0	18.01	17.95	17.96	19.4	0
20	16QAM	1	49	17.88	18.04	18.07		
20	16QAM	1	99	18.09	18.16	17.98		
20	16QAM	50	0	17.92	17.97	18.13	19.4	0
20	16QAM	50	24	18.09	18.12	18.08		
20	16QAM	50	50	18.07	18.14	17.96		
20	16QAM	100	0	17.99	18.05	17.92		
20	64QAM	1	0	17.91	18.08	17.92	19.4	0
20	64QAM	1	49	18.02	18.15	18.06		
20	64QAM	1	99	17.99	18.15	17.97		
20	64QAM	50	0	18.02	18.10	18.04	19.4	0
20	64QAM	50	24	17.92	18.07	18.03		
20	64QAM	50	50	18.01	18.10	18.09		
20	64QAM	100	0	17.89	18.01	18.13		
20	256QAM	1	0	17.97	18.14	18.05	19.4	0
20	256QAM	1	49	17.99	18.09	18.04		
20	256QAM	1	99	17.91	18.09	18.06		
20	256QAM	50	0	17.87	18.17	18.01	19.4	0
20	256QAM	50	24	17.92	18.14	18.05		
20	256QAM	50	50	17.92	18.15	18.07		
20	256QAM	100	0	17.90	18.13	18.11		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.90	18.03	18.03	19.4	0
15	QPSK	1	37	17.91	18.12	17.92		
15	QPSK	1	74	18.03	17.96	18.00		
15	QPSK	36	0	17.92	17.94	18.11	19.4	0
15	QPSK	36	20	17.99	18.04	18.09		
15	QPSK	36	39	17.97	18.15	18.00		
15	QPSK	75	0	17.89	18.04	18.12		
15	16QAM	1	0	17.95	18.05	17.96	19.4	0
15	16QAM	1	37	17.88	18.13	18.04		
15	16QAM	1	74	18.02	18.09	17.92		
15	16QAM	36	0	17.91	18.17	18.14	19.4	0
15	16QAM	36	20	17.88	17.99	17.97		
15	16QAM	36	39	18.09	18.08	18.05		
15	16QAM	75	0	18.08	18.04	18.01		
15	64QAM	1	0	17.89	18.14	18.12	19.4	0
15	64QAM	1	37	18.06	18.04	18.01		
15	64QAM	1	74	18.07	17.94	18.13		
15	64QAM	36	0	18.02	17.98	18.08	19.4	0
15	64QAM	36	20	18.06	18.15	18.04		
15	64QAM	36	39	18.02	18.05	17.91		
15	64QAM	75	0	17.92	18.09	17.92		
15	256QAM	1	0	17.85	18.05	18.08	19.4	0
15	256QAM	1	37	18.08	18.07	17.94		
15	256QAM	1	74	17.88	17.98	17.91		
15	256QAM	36	0	18.09	17.98	18.14	19.4	0
15	256QAM	36	20	17.98	18.01	17.92		
15	256QAM	36	39	18.00	18.04	18.13		
15	256QAM	75	0	17.99	18.05	18.10		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.92	18.15	17.92	19.4	0
10	QPSK	1	25	17.98	18.11	17.96		
10	QPSK	1	49	18.08	18.09	17.95		
10	QPSK	25	0	17.95	17.95	18.00	19.4	0
10	QPSK	25	12	17.92	17.99	17.97		
10	QPSK	25	25	18.06	18.03	17.96		
10	QPSK	50	0	17.91	18.16	17.95		
10	16QAM	1	0	17.85	18.05	17.95	19.4	0
10	16QAM	1	25	18.04	18.18	18.05		
10	16QAM	1	49	18.03	18.14	17.95		
10	16QAM	25	0	18.01	18.09	18.09	19.4	0
10	16QAM	25	12	17.98	18.08	17.96		
10	16QAM	25	25	18.01	17.95	18.01		
10	16QAM	50	0	18.04	17.94	17.92		
10	64QAM	1	0	17.88	18.16	17.95	19.4	0
10	64QAM	1	25	17.98	18.15	17.92		
10	64QAM	1	49	18.09	18.13	18.14		
10	64QAM	25	0	17.99	17.99	17.99	19.4	0
10	64QAM	25	12	17.99	18.03	17.93		
10	64QAM	25	25	18.08	18.15	18.06		
10	64QAM	50	0	17.91	18.18	18.00		
10	256QAM	1	0	18.01	18.03	18.10	19.4	0
10	256QAM	1	25	17.94	18.06	18.11		
10	256QAM	1	49	17.95	18.05	18.07		
10	256QAM	25	0	18.05	18.14	17.92	19.4	0
10	256QAM	25	12	17.87	18.13	17.99		
10	256QAM	25	25	17.96	18.14	18.06		
10	256QAM	50	0	18.04	18.02	18.00		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.94	18.06	18.05	19.4	0
5	QPSK	1	12	17.91	18.16	18.10		
5	QPSK	1	24	18.03	17.95	18.02		
5	QPSK	12	0	17.92	18.04	18.07	19.4	0
5	QPSK	12	7	17.98	18.08	18.03		
5	QPSK	12	13	18.05	18.14	18.08		
5	QPSK	25	0	17.95	18.15	18.11		
5	16QAM	1	0	18.07	17.98	18.11	19.4	0
5	16QAM	1	12	17.85	17.99	18.12		
5	16QAM	1	24	17.95	17.94	17.94		
5	16QAM	12	0	18.09	18.06	18.04	19.4	0
5	16QAM	12	7	17.88	18.04	17.92		
5	16QAM	12	13	17.87	18.15	18.03		
5	16QAM	25	0	17.98	18.07	18.10		
5	64QAM	1	0	18.05	17.96	17.98	19.4	0
5	64QAM	1	12	17.98	17.96	17.96		
5	64QAM	1	24	17.93	18.02	17.98		
5	64QAM	12	0	17.86	18.11	18.01	19.4	0
5	64QAM	12	7	17.97	18.00	18.13		
5	64QAM	12	13	18.04	17.98	17.97		
5	64QAM	25	0	18.05	17.94	18.00		
5	256QAM	1	0	18.07	17.98	17.92	19.4	0
5	256QAM	1	12	17.98	18.05	17.95		
5	256QAM	1	24	18.05	17.95	18.14		
5	256QAM	12	0	18.06	18.12	18.13	19.4	0
5	256QAM	12	7	18.04	18.18	18.06		
5	256QAM	12	13	18.02	18.11	18.07		
5	256QAM	25	0	17.90	17.98	18.00		

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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	18.12	18.41	18.44	18.35	18.21	19.4	0
20	QPSK	1	49	18.00	18.19	18.22	18.24	18.01		
20	QPSK	1	99	18.03	18.24	18.41	18.28	18.12		
20	QPSK	50	0	18.22	18.25	18.39	18.22	18.38	19.4	0
20	QPSK	50	24	18.13	18.26	18.24	18.11	18.15		
20	QPSK	50	50	18.08	18.33	18.38	18.27	18.07		
20	QPSK	100	0	18.18	18.24	18.38	18.27	18.10		
20	16QAM	1	0	18.06	18.28	18.34	18.27	18.13	19.4	0
20	16QAM	1	49	17.88	18.31	18.23	18.20	18.10		
20	16QAM	1	99	17.99	18.23	18.20	18.31	18.02		
20	16QAM	50	0	18.07	18.16	18.22	18.14	18.13	19.4	0
20	16QAM	50	24	17.86	18.27	18.18	18.31	18.10		
20	16QAM	50	50	18.06	18.20	18.33	18.11	17.95		
20	16QAM	100	0	17.98	18.27	18.40	18.18	18.01		
20	64QAM	1	0	17.99	18.20	18.30	18.22	18.13	19.4	0
20	64QAM	1	49	17.91	18.25	18.27	18.20	18.08		
20	64QAM	1	99	18.01	18.31	18.24	18.24	18.00		
20	64QAM	50	0	18.07	18.17	18.29	18.10	17.98	19.4	0
20	64QAM	50	24	17.95	18.22	18.35	18.30	18.04		
20	64QAM	50	50	17.98	18.36	18.38	18.18	18.13		
20	64QAM	100	0	17.96	18.14	18.27	18.25	18.03		
20	256QAM	1	0	18.06	18.32	18.29	18.11	18.02	19.4	0
20	256QAM	1	49	17.87	18.31	18.21	18.26	18.09		
20	256QAM	1	99	17.89	18.32	18.34	18.17	18.14		
20	256QAM	50	0	18.02	18.37	18.22	18.09	18.11	19.4	0
20	256QAM	50	24	18.07	18.36	18.33	18.23	17.98		
20	256QAM	50	50	17.87	18.19	18.23	18.28	18.16		
20	256QAM	100	0	17.95	18.16	18.36	18.19	18.17		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.97	18.24	18.37	18.19	18.09	19	0
15	QPSK	1	37	17.89	17.99	18.12	18.23	17.95		
15	QPSK	1	74	17.87	18.13	18.22	18.09	18.13		
15	QPSK	36	0	18.15	18.16	18.31	18.08	18.18	19.4	0
15	QPSK	36	20	17.98	18.14	18.16	17.98	18.02		
15	QPSK	36	39	17.99	18.27	18.35	18.10	17.97		
15	QPSK	75	0	18.18	18.20	18.18	18.18	17.89		
15	16QAM	1	0	17.92	18.21	18.26	18.08	17.97	19.4	0
15	16QAM	1	37	17.79	18.23	18.14	18.21	17.92		
15	16QAM	1	74	17.79	18.13	18.02	18.22	17.86		
15	16QAM	36	0	17.91	18.03	18.08	17.98	17.93	19.4	0
15	16QAM	36	20	17.84	18.06	18.12	18.11	17.95		
15	16QAM	36	39	18.04	18.04	18.13	18.08	17.78		
15	16QAM	75	0	17.82	18.10	18.31	18.15	17.85		
15	64QAM	1	0	17.81	18.02	18.15	18.12	18.09	19.4	0
15	64QAM	1	37	17.81	18.19	18.13	18.12	18.00		
15	64QAM	1	74	17.85	18.18	18.24	18.03	17.93		
15	64QAM	36	0	18.04	18.05	18.29	17.93	18.16	19.4	0
15	64QAM	36	20	18.13	18.11	18.28	18.22	17.99		
15	64QAM	36	39	18.17	18.31	18.25	18.07	18.09		
15	64QAM	75	0	18.17	18.15	18.05	18.14	17.99		
15	256QAM	1	0	18.03	18.28	18.16	17.90	18.02	19.4	0
15	256QAM	1	37	17.83	18.22	18.09	18.18	17.97		
15	256QAM	1	74	17.86	18.15	18.21	18.07	18.00		
15	256QAM	36	0	18.05	18.26	18.12	18.05	18.10	19.4	0
15	256QAM	36	20	18.05	18.25	18.26	18.15	17.85		
15	256QAM	36	39	18.08	18.11	18.12	18.13	18.10		
15	256QAM	75	0	18.20	18.00	18.29	17.98	18.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.99	18.31	18.24	18.22	18.01	19	0
10	QPSK	1	25	17.92	18.08	18.24	18.09	17.92		
10	QPSK	1	49	17.92	18.19	18.36	18.20	18.03		
10	QPSK	25	0	18.03	18.27	18.16	18.28	18.28	19.4	0
10	QPSK	25	12	17.96	18.09	18.05	17.91	18.10		
10	QPSK	25	25	17.95	18.30	18.30	18.21	18.09		
10	QPSK	50	0	18.17	18.17	18.17	18.13	17.94		
10	16QAM	1	0	17.99	18.27	18.28	18.24	18.04	19.4	0
10	16QAM	1	25	18.23	18.16	18.06	18.07	18.12		
10	16QAM	1	49	17.94	18.17	18.11	18.21	17.87		
10	16QAM	25	0	18.06	18.02	18.02	18.01	18.12	19.4	0
10	16QAM	25	12	18.16	18.15	18.12	18.21	18.03		
10	16QAM	25	25	18.15	18.13	18.19	18.17	18.14		
10	16QAM	50	0	18.19	18.23	18.41	18.18	18.18		
10	64QAM	1	0	17.80	18.07	18.24	18.11	18.07	19.4	0
10	64QAM	1	25	17.82	18.16	18.21	18.20	17.96		
10	64QAM	1	49	17.93	18.12	18.16	18.22	17.79		
10	64QAM	25	0	18.05	17.98	18.29	18.15	17.88	19.4	0
10	64QAM	25	12	17.91	18.14	18.34	18.23	18.02		
10	64QAM	25	25	18.07	18.21	18.19	17.98	18.11		
10	64QAM	50	0	18.14	18.11	18.10	18.06	18.00		
10	256QAM	1	0	18.00	18.33	18.26	18.01	18.11	19.4	0
10	256QAM	1	25	18.09	18.27	18.08	18.18	18.02		
10	256QAM	1	49	18.07	18.13	18.30	18.09	17.94		
10	256QAM	25	0	18.02	18.22	18.15	17.94	18.20	19.4	0
10	256QAM	25	12	18.00	18.29	18.24	18.08	18.04		
10	256QAM	25	25	18.24	18.06	18.14	18.18	18.05		
10	256QAM	50	0	17.95	18.02	18.36	18.17	18.00		
Channel				39675	40143	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.93	18.23	18.36	18.21	18.16	19	0
5	QPSK	1	12	18.01	18.16	18.02	18.12	17.98		
5	QPSK	1	24	17.98	18.20	18.40	18.25	17.90		
5	QPSK	12	0	18.11	18.22	18.23	18.06	18.27	19.4	0
5	QPSK	12	7	17.98	18.27	18.15	18.01	17.94		
5	QPSK	12	13	18.09	18.26	18.29	18.14	17.92		
5	QPSK	25	0	18.06	18.08	18.38	18.06	17.91		
5	16QAM	1	0	18.08	18.21	18.26	18.13	18.12	19.4	0
5	16QAM	1	12	18.16	18.21	18.11	18.06	18.09		
5	16QAM	1	24	18.01	18.16	18.19	18.19	18.21		
5	16QAM	12	0	18.05	18.15	18.11	18.13	18.00	19.4	0
5	16QAM	12	7	18.00	18.15	18.05	18.32	17.98		
5	16QAM	12	13	18.16	18.17	18.16	18.20	18.02		
5	16QAM	25	0	18.11	18.24	18.34	18.06	18.04		
5	64QAM	1	0	18.01	18.01	18.26	18.13	17.97	19.4	0
5	64QAM	1	12	17.76	18.10	18.16	18.17	17.88		
5	64QAM	1	24	17.92	18.23	18.02	18.12	17.83		
5	64QAM	12	0	18.10	18.02	18.21	18.00	18.16	19.4	0
5	64QAM	12	7	18.05	18.14	18.31	18.25	18.21		
5	64QAM	12	13	18.08	18.02	18.32	18.23	18.12		
5	64QAM	25	0	18.16	18.08	18.16	18.16	18.05		
5	256QAM	1	0	17.85	18.21	18.25	18.02	18.02	19.4	0
5	256QAM	1	12	17.88	18.18	18.22	18.09	18.09		
5	256QAM	1	24	17.87	18.15	18.22	18.11	17.93		
5	256QAM	12	0	18.02	18.16	18.19	18.14	18.05	19.4	0
5	256QAM	12	7	18.20	18.33	18.15	18.10	18.00		
5	256QAM	12	13	18.10	18.10	18.18	18.12	18.05		
5	256QAM	25	0	18.03	18.10	18.33	18.13	18.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.07	20.01	20.24	20.03	20.15	21	0
20	QPSK	1	49	20.02	19.81	20.14	19.94	20.01		
20	QPSK	1	99	19.89	19.79	20.20	20.00	20.05		
20	QPSK	50	0	19.94	19.86	20.23	19.82	20.12	21	0
20	QPSK	50	24	19.99	19.97	20.22	19.96	19.96		
20	QPSK	50	50	20.01	19.97	20.18	19.98	20.01		
20	QPSK	100	0	19.93	19.99	20.18	20.02	19.95		
20	16QAM	1	0	20.04	20.00	20.03	19.96	19.95	21	0
20	16QAM	1	49	20.04	19.99	20.14	20.00	20.06		
20	16QAM	1	99	19.92	19.97	20.11	19.84	20.13		
20	16QAM	50	0	20.02	19.93	20.14	19.95	19.93	21	0
20	16QAM	50	24	19.90	19.92	20.11	19.88	19.94		
20	16QAM	50	50	20.09	19.81	20.13	19.93	20.05		
20	16QAM	100	0	20.08	19.86	20.13	19.86	20.02		
20	64QAM	1	0	19.92	19.79	20.04	19.84	20.05	21	0
20	64QAM	1	49	19.89	19.87	20.23	19.90	20.07		
20	64QAM	1	99	20.00	19.93	20.06	19.87	20.05		
20	64QAM	50	0	20.01	19.81	20.05	19.83	20.07	21	0
20	64QAM	50	24	20.04	19.96	20.14	19.87	20.13		
20	64QAM	50	50	19.86	19.90	20.05	20.04	19.94		
20	64QAM	100	0	20.08	20.00	20.23	20.00	20.03		
20	256QAM	1	0	19.93	19.93	20.13	19.93	20.14	21	0
20	256QAM	1	49	20.04	19.82	20.17	19.92	20.12		
20	256QAM	1	99	19.87	19.95	20.13	19.83	20.07		
20	256QAM	50	0	20.05	19.98	20.18	19.98	19.97	21	0
20	256QAM	50	24	20.04	19.95	20.04	20.00	20.12		
20	256QAM	50	50	19.94	20.00	20.20	19.98	20.02		
20	256QAM	100	0	19.99	19.98	20.04	19.92	20.09		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.13	20.10	20.18	19.99	20.08	21	0
15	QPSK	1	37	19.96	19.88	20.10	19.98	20.02		
15	QPSK	1	74	19.94	19.80	20.11	20.11	20.14		
15	QPSK	36	0	20.01	19.82	20.11	19.93	20.16	21	0
15	QPSK	36	20	20.06	19.97	20.15	19.86	20.05		
15	QPSK	36	39	20.01	20.03	20.24	20.10	19.94		
15	QPSK	75	0	19.82	19.92	20.11	19.91	19.93		
15	16QAM	1	0	20.14	19.92	20.04	19.94	19.93	21	0
15	16QAM	1	37	20.16	19.92	20.13	19.89	20.05		
15	16QAM	1	74	19.89	19.93	20.22	19.83	20.21		
15	16QAM	36	0	20.08	19.82	20.03	20.01	19.96	21	0
15	16QAM	36	20	19.93	19.98	20.22	19.95	19.87		
15	16QAM	36	39	19.97	19.87	20.23	20.02	20.01		
15	16QAM	75	0	20.01	19.83	20.11	19.78	20.06		
15	64QAM	1	0	19.83	19.76	20.04	19.87	19.95	21	0
15	64QAM	1	37	20.01	19.82	20.22	19.88	19.95		
15	64QAM	1	74	19.99	19.95	20.07	19.87	20.01		
15	64QAM	36	0	20.10	19.71	20.11	19.89	20.18	21	0
15	64QAM	36	20	19.94	20.04	20.11	19.93	20.02		
15	64QAM	36	39	19.80	19.88	20.10	19.93	20.03		
15	64QAM	75	0	19.98	20.12	20.20	19.89	19.94		
15	256QAM	1	0	19.84	19.97	20.10	19.81	20.20	21	0
15	256QAM	1	37	20.04	19.83	20.12	19.96	20.17		
15	256QAM	1	74	19.83	19.90	20.13	19.89	20.05		
15	256QAM	36	0	20.06	20.07	20.11	19.89	20.08	21	0
15	256QAM	36	20	20.07	19.90	20.13	19.99	20.23		
15	256QAM	36	39	19.96	19.92	20.16	19.99	20.02		
15	256QAM	75	0	19.95	20.06	20.09	20.02	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	20.05	19.95	20.20	20.05	20.03	21	0
10	QPSK	1	25	20.08	19.91	20.12	19.99	19.97		
10	QPSK	1	49	19.93	19.88	20.17	19.92	20.08		
10	QPSK	25	0	19.84	19.77	20.19	19.81	20.20	21	0
10	QPSK	25	12	19.97	19.87	20.15	19.99	19.96		
10	QPSK	25	25	20.01	19.90	20.21	19.88	20.08		
10	QPSK	50	0	19.86	19.90	20.19	19.97	19.92		
10	16QAM	1	0	20.14	19.97	20.04	20.01	20.03	21	0
10	16QAM	1	25	20.05	20.00	20.16	20.09	20.13		
10	16QAM	1	49	19.81	19.88	20.05	19.76	20.21		
10	16QAM	25	0	20.00	19.86	20.18	20.02	20.04	21	0
10	16QAM	25	12	19.88	19.95	20.20	19.89	20.00		
10	16QAM	25	25	19.99	19.86	20.03	19.97	20.12		
10	16QAM	50	0	20.17	19.84	20.22	19.97	19.97	21	0
10	64QAM	1	0	19.92	19.90	19.93	19.94	19.98		
10	64QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.57	15.71	15.65	17.1	0
20	QPSK	1	49	15.35	15.64	15.54		
20	QPSK	1	99	15.52	15.57	15.51		
20	QPSK	50	0	15.53	15.68	15.64	17.1	0
20	QPSK	50	24	15.40	15.53	15.51		
20	QPSK	50	50	15.36	15.55	15.64		
20	QPSK	100	0	15.51	15.65	15.58		
20	16QAM	1	0	15.51	15.64	15.47	17.1	0
20	16QAM	1	49	15.53	15.63	15.54		
20	16QAM	1	99	15.52	15.60	15.53		
20	16QAM	50	0	15.41	15.57	15.55	17.1	0
20	16QAM	50	24	15.55	15.69	15.63		
20	16QAM	50	50	15.51	15.65	15.65		
20	16QAM	100	0	15.44	15.59	15.48		
20	64QAM	1	0	15.42	15.54	15.67	17.1	0
20	64QAM	1	49	15.39	15.62	15.48		
20	64QAM	1	99	15.53	15.59	15.57		
20	64QAM	50	0	15.46	15.65	15.61	17.1	0
20	64QAM	50	24	15.56	15.54	15.52		
20	64QAM	50	50	15.57	15.70	15.57		
20	64QAM	100	0	15.37	15.64	15.45		
20	256QAM	1	0	15.38	15.63	15.63	17.1	0
20	256QAM	1	49	15.49	15.58	15.58		
20	256QAM	1	99	15.53	15.52	15.50		
20	256QAM	50	0	15.56	15.59	15.48	17.1	0
20	256QAM	50	24	15.40	15.69	15.47		
20	256QAM	50	50	15.52	15.62	15.65		
20	256QAM	100	0	15.47	15.54	15.52		
Channel				42193	42593	42313	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	15.57	15.50	15.66	17.1	0
15	QPSK	1	37	15.49	15.54	15.62		
15	QPSK	1	74	15.46	15.55	15.60		
15	QPSK	36	0	15.52	15.64	15.53	17.1	0
15	QPSK	36	20	15.42	15.49	15.65		
15	QPSK	36	39	15.43	15.63	15.56		
15	QPSK	75	0	15.41	15.69	15.67		
15	16QAM	1	0	15.45	15.68	15.64	17.1	0
15	16QAM	1	37	15.42	15.52	15.50		
15	16QAM	1	74	15.55	15.55	15.60		
15	16QAM	36	0	15.36	15.50	15.47	17.1	0
15	16QAM	36	20	15.46	15.62	15.53		
15	16QAM	36	39	15.58	15.50	15.59		
15	16QAM	75	0	15.57	15.54	15.61		
15	64QAM	1	0	15.50	15.57	15.58	17.1	0
15	64QAM	1	37	15.51	15.51	15.48		
15	64QAM	1	74	15.44	15.62	15.49		
15	64QAM	36	0	15.50	15.66	15.52	17.1	0
15	64QAM	36	20	15.51	15.57	15.57		
15	64QAM	36	39	15.50	15.63	15.55		
15	64QAM	75	0	15.52	15.56	15.51		
15	256QAM	1	0	15.40	15.57	15.59	17.1	0
15	256QAM	1	37	15.56	15.59	15.62		
15	256QAM	1	74	15.46	15.55	15.44		
15	256QAM	36	0	15.57	15.67	15.56	17.1	0
15	256QAM	36	20	15.57	15.66	15.44		
15	256QAM	36	39	15.50	15.68	15.60		
15	256QAM	75	0	15.59	15.67	15.48		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	15.41	15.66	15.53	17.1	0
10	QPSK	1	25	15.59	15.70	15.61		
10	QPSK	1	49	15.58	15.62	15.52		
10	QPSK	25	0	15.53	15.66	15.65	17.1	0
10	QPSK	25	12	15.42	15.50	15.52		
10	QPSK	25	25	15.49	15.52	15.44		
10	QPSK	50	0	15.52	15.60	15.51		
10	16QAM	1	0	15.51	15.68	15.56	17.1	0
10	16QAM	1	25	15.46	15.61	15.57		
10	16QAM	1	49	15.58	15.55	15.50		
10	16QAM	25	0	15.45	15.53	15.59	17.1	0
10	16QAM	25	12	15.55	15.56	15.47		
10	16QAM	25	25	15.36	15.63	15.55		
10	16QAM	50	0	15.56	15.61	15.47		
10	64QAM	1	0	15.45	15.55	15.52	17.1	0
10	64QAM	1	25	15.47	15.70	15.57		
10	64QAM	1	49	15.53	15.60	15.60		
10	64QAM	25	0	15.35	15.64	15.44	17.1	0
10	64QAM	25	12	15.50	15.59	15.55		
10	64QAM	25	25	15.36	15.65	15.63		
10	64QAM	50	0	15.40	15.67	15.62		
10	256QAM	1	0	15.36	15.70	15.67	17.1	0
10	256QAM	1	25	15.43	15.70	15.57		
10	256QAM	1	49	15.52	15.68	15.50		
10	256QAM	25	0	15.51	15.64	15.55	17.1	0
10	256QAM	25	12	15.53	15.61	15.46		
10	256QAM	25	25	15.57	15.69	15.55		
10	256QAM	50	0	15.53	15.55	15.50		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.35	15.65	15.47	17.1	0
5	QPSK	1	12	15.42	15.58	15.63		
5	QPSK	1	24	15.53	15.55	15.62		
5	QPSK	12	0	15.57	15.55	15.57	17.1	0
5	QPSK	12	7	15.38	15.49	15.58		
5	QPSK	12	13	15.55	15.66	15.45		
5	QPSK	25	0	15.39	15.59	15.55		
5	16QAM	1	0	15.51	15.55	15.52	17.1	0
5	16QAM	1	12	15.47	15.54	15.59		
5	16QAM	1	24	15.43	15.65	15.46		
5	16QAM	12	0	15.55	15.56	15.57	17.1	0
5	16QAM	12	7	15.40	15.61	15.48		
5	16QAM	12	13	15.36	15.55	15.65		
5	16QAM	25	0	15.37	15.54	15.62		
5	64QAM	1	0	15.43	15.54	15.54	17.1	0
5	64QAM	1	12	15.56	15.60	15.54		
5	64QAM	1	24	15.51	15.52	15.56		
5	64QAM	12	0	15.47	15.62	15.60	17.1	0
5	64QAM	12	7	15.44	15.62	15.60		
5	64QAM	12	13	15.42	15.61	15.45		
5	64QAM	25	0	15.56	15.52	15.59		
5	256QAM	1	0	15.48	15.68	15.45	17.1	0
5	256QAM	1	12	15.49	15.68	15.51		
5	256QAM	1	24	15.58	15.50	15.55		
5	256QAM	12	0	15.37	15.70	15.52	17.1	0
5	256QAM	12	7	15.57	15.70	15.64		
5	256QAM	12	13	15.55	15.56	15.53		
5	256QAM	25	0	15.57	15.53	15.48		

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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				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	20.08	20.23	20.22	21.9	0
20	QPSK	1	49	20.09	20.18	20.10		
20	QPSK	1	99	19.94	20.05	20.03		
20	QPSK	50	0	20.06	20.20	20.17	21.9	0
20	QPSK	50	24	19.96	20.10	20.14		
20	QPSK	50	50	20.03	20.16	20.14		
20	QPSK	100	0	20.08	20.18	20.17		
20	16QAM	1	0	20.04	20.21	20.17	21.9	0
20	16QAM	1	49	19.90	20.14	20.04		
20	16QAM	1	99	20.05	20.12	20.06		
20	16QAM	50	0	18.88	19.03	18.97	20.4	1.5
20	16QAM	50	24	18.92	18.92	18.70		
20	16QAM	50	50	18.89	18.89	18.98		
20	16QAM	100	0	18.91	18.93	18.70		
20	64QAM	1	0	18.80	18.68	18.70	20.4	1.5
20	64QAM	1	49	18.66	18.83	18.81		
20	64QAM	1	99	18.56	18.57	18.66		
20	64QAM	50	0	18.03	18.08	18.10	19.4	2.5
20	64QAM	50	24	18.06	18.12	17.82		
20	64QAM	50	50	17.97	17.98	18.03		
20	64QAM	100	0	17.96	17.97	17.87		
20	256QAM	1	0	16.49	16.79	16.65	17.4	4.5
20	256QAM	1	49	16.50	16.76	16.59		
20	256QAM	1	99	16.62	16.60	16.47		
20	256QAM	50	0	16.50	16.64	16.51	17.4	4.5
20	256QAM	50	24	16.50	16.61	16.53		
20	256QAM	50	50	16.53	16.66	16.32		
20	256QAM	100	0	16.44	16.45	16.40		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	20.02	20.12	20.11	21.9	0
15	QPSK	1	37	20.01	19.98	20.08		
15	QPSK	1	74	19.93	20.08	19.99		
15	QPSK	36	0	19.98	20.10	20.02	21.9	0
15	QPSK	36	20	19.97	19.94	20.04		
15	QPSK	36	39	19.97	20.11	20.03		
15	QPSK	75	0	20.00	20.10	20.03		
15	16QAM	1	0	20.03	20.21	19.97	21.9	0
15	16QAM	1	37	20.18	19.98	19.99		
15	16QAM	1	74	19.99	20.08	20.09		
15	16QAM	36	0	18.76	18.97	18.83	20.4	1.5
15	16QAM	36	20	18.81	18.85	18.49		
15	16QAM	36	39	18.81	18.82	18.83		
15	16QAM	75	0	18.72	18.77	18.61		
15	64QAM	1	0	18.67	18.49	18.49	20.4	1.5
15	64QAM	1	37	18.49	18.73	18.66		
15	64QAM	1	74	18.50	18.55	18.62		
15	64QAM	36	0	17.98	17.94	17.91	19.4	2.5
15	64QAM	36	20	17.90	18.02	17.65		
15	64QAM	36	39	17.85	17.87	18.04		
15	64QAM	75	0	17.88	17.94	17.77		
15	256QAM	1	0	16.36	16.59	16.56	17.4	4.5
15	256QAM	1	37	16.40	16.55	16.55		
15	256QAM	1	74	16.58	16.48	16.35		
15	256QAM	36	0	16.47	16.43	16.46	17.4	4.5
15	256QAM	36	20	16.29	16.59	16.45		
15	256QAM	36	39	16.33	16.61	16.32		
15	256QAM	75	0	16.32	16.46	16.40		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	20.02	20.14	20.13	21.9	0
10	QPSK	1	25	19.97	20.05	20.05		
10	QPSK	1	49	19.90	20.03	19.91		
10	QPSK	25	0	20.03	20.13	20.11	21.9	0
10	QPSK	25	12	20.06	20.18	20.12		
10	QPSK	25	25	20.10	20.08	20.00		
10	QPSK	50	0	19.92	19.97	19.96		
10	16QAM	1	0	19.95	20.17	19.99	21.9	0
10	16QAM	1	25	20.04	19.93	20.15		
10	16QAM	1	49	20.08	20.09	20.06		
10	16QAM	25	0	18.73	19.01	18.90	20.4	1.5
10	16QAM	25	12	18.72	18.86	18.71		
10	16QAM	25	25	18.70	18.70	18.81		
10	16QAM	50	0	18.77	18.78	18.55		
10	64QAM	1	0	18.80	18.50	18.54	20.4	1.5
10	64QAM	1	25	18.45	18.72	18.82		
10	64QAM	1	49	18.44	18.45	18.54		
10	64QAM	25	0	17.99	18.09	17.91	19.4	2.5
10	64QAM	25	12	17.94	18.06	17.64		
10	64QAM	25	25	17.79	17.94	17.90		
10	64QAM	50	0	17.95	17.82	17.77		
10	256QAM	1	0	16.30	16.61	16.60	17.4	4.5
10	256QAM	1	25	16.40	16.71	16.61		
10	256QAM	1	49	16.48	16.49	16.47		
10	256QAM	25	0	16.42	16.53	16.41	17.4	4.5
10	256QAM	25	12	16.30	16.55	16.50		
10	256QAM	25	25	16.39	16.63	16.31		
10	256QAM	50	0	16.43	16.32	16.41		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	19.94	20.20	20.02	21.9	0
5	QPSK	1	12	20.10	20.04	20.05		
5	QPSK	1	24	20.08	20.16	19.93		
5	QPSK	12	0	20.03	19.93	20.19	21.9	0
5	QPSK	12	7	19.94	20.18	20.10		
5	QPSK	12	13	20.10	20.00	19.97		
5	QPSK	25	0	20.06	20.19	20.06		
5	16QAM	1	0	20.18	20.00	20.09	21.9	0
5	16QAM	1	12	20.08	20.06	20.04		
5	16QAM	1	24	19.90	20.00	20.02		
5	16QAM	12	0	18.70	18.94	18.91	20.4	1.5
5	16QAM	12	7	18.87	18.94	18.50		
5	16QAM	12	13	18.84	18.69	18.86		
5	16QAM	25	0	18.81	18.80	18.48		
5	64QAM	1	0	18.76	18.54	18.61	20.4	1.5
5	64QAM	1	12	18.56	18.79	18.79		
5	64QAM	1	24	18.45	18.52	18.48		
5	64QAM	12	0	17.94	18.10	18.08	19.4	2.5
5	64QAM	12	7	18.04	18.02	17.75		
5	64QAM	12	13	17.94	17.90	17.94		
5	64QAM	25	0	17.94	17.92	17.66		
5	256QAM	1	0	16.32	16.73	16.55	17.4	4.5
5	256QAM	1	12	16.49	16.58	16.53		
5	256QAM	1	24	16.60	16.58	16.46		
5	256QAM	12	0	16.43	16.53	16.38	17.4	4.5
5	256QAM	12	7	16.40	16.60	16.34		
5	256QAM	12	13	16.53	16.48	16.13		
5	256QAM	25	0	16.27	16.46	16.40		

Band 48_FCC Ant1 DSI2

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	20.63	19.60	19.16	18.86	21.9	0
20	QPSK	1	49	20.81	20.65	20.75	20.73		
20	QPSK	1	99	20.65	19.69	19.33	18.64		
20	QPSK	50	0	20.76	20.63	20.35	20.15	21.9	0
20	QPSK	50	24	20.62	20.50	20.29	20.17		
20	QPSK	50	50	20.43	20.55	20.31	19.91		
20	QPSK	100	0	20.65	20.32	20.42	20.17		
20	16QAM	1	0	20.42	18.14	17.96	18.05	21.9	0
20	16QAM	1	49	20.19	20.31	20.24	20.15		
20	16QAM	1	99	19.05	17.70	17.74	17.67		
20	16QAM	50	0	19.46	19.57	19.47	19.57	20.9	1
20	16QAM	50	24	19.20	19.18	19.28	19.11		
20	16QAM	50	50	19.07	19.26	19.11	19.26		
20	16QAM	100	0	19.57	19.42	19.42	19.35		
20	64QAM	1	0	18.10	17.51	17.34	17.46	20.9	1
20	64QAM	1	49	19.54	19.67	19.39	19.57		
20	64QAM	1	99	18.03	17.25	17.24	17.16		
20	64QAM	50	0	18.49	18.55	18.40	18.59	19.9	2
20	64QAM	50	24	18.34	18.51	18.44	18.25		
20	64QAM	50	50	18.36	18.60	18.48	18.41		
20	64QAM	100	0	18.52	18.41	18.49	18.46		
20	256QAM	1	0	14.95	14.31	14.33	14.22	17.9	4
20	256QAM	1	49	17.50	17.30	17.20	17.06		
20	256QAM	1	99	15.00	14.13	13.93	14.14		
20	256QAM	50	0	17.05	17.24	17.01	17.10	17.9	4
20	256QAM	50	24	16.96	17.05	16.98	16.96		
20	256QAM	50	50	16.90	17.03	17.18	16.90		
20	256QAM	100	0	16.91	17.06	16.87	17.05		
Channel				55315	55820	56140	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.74	19.51	18.97	18.70	21.9	0
15	QPSK	1	37	20.43	20.64	20.63	20.64		
15	QPSK	1	74	20.52	19.57	19.26	18.49		
15	QPSK	36	0	20.53	20.63	20.47	20.19	21.9	0
15	QPSK	36	20	20.46	20.56	20.43	20.15		
15	QPSK	36	39	20.55	20.57	20.20	19.92		
15	QPSK	75	0	20.58	20.35	20.27	20.09		
15	16QAM	1	0	20.42	18.11	18.07	18.10	21.9	0
15	16QAM	1	37	20.36	20.35	20.41	20.22		
15	16QAM	1	74	19.06	17.70	17.77	17.59		
15	16QAM	36	0	19.49	19.57	19.54	19.47	20.9	1
15	16QAM	36	20	19.12	19.30	19.12	19.09		
15	16QAM	36	39	18.98	19.13	19.26	19.28		
15	16QAM	75	0	19.46	19.60	19.34	19.38		
15	64QAM	1	0	18.22	17.33	17.45	17.27	20.9	1
15	64QAM	1	37	19.42	19.62	19.57	19.55		
15	64QAM	1	74	17.96	17.19	17.09	17.08		
15	64QAM	36	0	18.60	18.59	18.60	18.42	19.9	2
15	64QAM	36	20	18.31	18.40	18.46	18.46		
15	64QAM	36	39	18.45	18.45	18.31	18.59		
15	64QAM	75	0	18.38	18.41	18.38	18.59		
15	256QAM	1	0	15.04	14.36	14.28	14.19	17.9	4
15	256QAM	1	37	17.53	17.32	17.03	17.13		
15	256QAM	1	74	14.89	14.15	14.00	14.08		
15	256QAM	36	0	17.10	17.13	16.95	17.00	17.9	4
15	256QAM	36	20	17.12	17.18	16.93	16.96		
15	256QAM	36	39	16.95	17.18	17.02	17.05		
15	256QAM	75	0	16.88	16.92	16.81	17.00		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.75	19.51	18.98	18.81	21.9	0
10	QPSK	1	25	20.57	20.43	20.63	20.71		
10	QPSK	1	49	20.62	19.69	19.24	18.64		
10	QPSK	25	0	20.67	20.58	20.57	20.19	21.9	0
10	QPSK	25	12	20.66	20.44	20.34	20.24		
10	QPSK	25	25	20.54	20.53	20.38	20.03		
10	QPSK	50	0	20.59	20.52	20.36	20.02		
10	16QAM	1	0	20.41	18.15	18.02	17.93	21.9	0
10	16QAM	1	25	20.41	20.30	20.36	20.17		
10	16QAM	1	49	19.06	17.75	17.75	17.54		
10	16QAM	25	0	19.61	19.57	19.57	19.64	20.9	1
10	16QAM	25	12	19.17	19.33	19.10	19.24		
10	16QAM	25	25	18.95	19.32	19.07	19.10		
10	16QAM	50	0	19.35	19.48	19.49	19.55		
10	64QAM	1	0	18.22	17.41	17.40	17.45	20.9	1
10	64QAM	1	25	19.44	19.50	19.50	19.42		
10	64QAM	1	49	17.92	17.28	17.09	17.25		
10	64QAM	25	0	18.58	18.50	18.45	18.53	19.9	2
10	64QAM	25	12	18.49	18.36	18.40	18.34		
10	64QAM	25	25	18.33	18.49	18.53	18.38		
10	64QAM	50	0	18.44	18.57	18.50	18.52		
10	256QAM	1	0	14.95	14.36	14.26	14.20	17.9	4
10	256QAM	1	25	17.47	17.24	17.06	17.21		
10	256QAM	1	49	15.00	14.15	13.92	13.96		
10	256QAM	25	0	16.95	17.16	17.16	16.98	17.9	4
10	256QAM	25	12	16.98	17.11	16.97	16.99		
10	256QAM	25	25	16.91	17.21	17.05	17.03		
10	256QAM	50	0	16.85	17.06	16.81	16.93		
Channel				55265	55810	56115	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.66	19.46	19.09	18.85	21.9	0
5	QPSK	1	12	20.44	20.60	20.56	20.73		
5	QPSK	1	24	20.61	19.53	19.19	18.42		
5	QPSK	12	0	20.62	20.41	20.46	20.14	21.9	0
5	QPSK	12	7	20.55	20.37	20.49	20.09		
5	QPSK	12	13	20.50	20.40	20.35	19.96		
5	QPSK	25	0	20.55	20.36	20.43	20.09		
5	16QAM	1	0	20.51	18.08	18.13	17.96	21.9	0
5	16QAM	1	12	20.22	20.27	20.32	20.26		
5	16QAM	1	24	18.89	17.85	17.74	17.53		
5	16QAM	12	0	19.57	19.67	19.55	19.57	20.9	1
5	16QAM	12	7	19.15	19.29	19.16	19.24		
5	16QAM	12	13	19.14	19.12	19.19	19.09		
5	16QAM	25	0	19.43	19.56	19.41	19.52		
5	64QAM	1	0	18.03	17.43	17.48	17.47	20.9	1
5	64QAM	1	12	19.49	19.50	19.48	19.58		
5	64QAM	1	24	18.07	17.24	17.08	17.18		
5	64QAM	12	0	18.40	18.53	18.49	18.55	19.9	2
5	64QAM	12	7	18.36	18.42	18.28	18.42		
5	64QAM	12	13	18.43	18.55	18.45	18.49		
5	64QAM	25	0	18.56	18.62	18.52	18.36		
5	256QAM	1	0	15.00	14.40	14.16	14.28	17.9	4
5	256QAM	1	12	17.50	17.21	17.23	17.02		
5	256QAM	1	24	14.95	14.14	14.12	14.18		

	GSM1900 Ant2 Default							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.24	30.28	30.07	30.50	21.24	21.28	21.07	21.50
GPRS 1 Tx slot	30.27	30.30	30.09	30.50	21.27	21.30	21.09	21.50
GPRS 2 Tx slots	28.35	28.29	28.29	29.50	22.35	22.29	22.29	23.50
GPRS 3 Tx slots	26.82	26.82	26.79	28.00	22.56	22.56	22.53	23.74
GPRS 4 Tx slots	24.43	24.47	24.52	25.50	21.43	21.47	21.52	22.50
EDGE 1 Tx slot	25.79	25.74	25.81	26.50	16.79	16.74	16.81	17.50
EDGE 2 Tx slots	24.23	24.26	24.28	25.50	18.23	18.26	18.28	19.50
EDGE 3 Tx slots	23.05	23.12	23.07	24.00	18.79	18.86	18.81	19.74
EDGE 4 Tx slots	21.11	21.10	21.14	22.00	18.11	18.10	18.14	19.00

		WCDMA II Ant2 Default				WCDMA IV Ant2 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.09	23.08	23.07	24.00	22.93	22.85	22.85	24.00
3GPP Rel 99	RMC 12.2Kbps	23.07	23.13	22.98	24.00	22.92	22.97	22.84	24.00
3GPP Rel 6	HSDPA Subtest-1	21.98	22.00	22.01	23.00	22.04	22.02	21.92	23.00
3GPP Rel 6	HSDPA Subtest-2	22.01	22.22	22.02	23.00	22.11	22.15	21.91	23.00
3GPP Rel 6	HSDPA Subtest-3	21.72	21.80	21.63	22.50	21.76	21.81	21.54	22.50
3GPP Rel 6	HSDPA Subtest-4	21.67	21.72	21.54	22.50	21.51	21.68	21.49	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.08	22.21	21.92	23.00	22.09	22.24	21.95	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.13	22.34	22.10	23.00	22.01	22.21	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.38	21.71	21.50	22.50	21.39	21.62	21.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.66	21.54	21.54	22.50	21.74	21.47	21.45	22.50
3GPP Rel 6	HSUPA Subtest-1	21.92	22.21	22.05	23.00	21.96	22.21	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	19.91	20.06	20.14	21.00	20.09	20.19	20.19	21.00
3GPP Rel 6	HSUPA Subtest-3	21.12	21.19	20.93	22.00	21.22	21.14	20.93	22.00
3GPP Rel 6	HSUPA Subtest-4	19.94	20.20	19.96	21.00	20.05	20.06	20.05	21.00
3GPP Rel 6	HSUPA Subtest-5	22.03	21.99	21.93	23.00	21.99	22.04	21.99	23.00

Band 2 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.48	21.54	21.52	23	0
20	QPSK	1	49	21.47	21.45	21.43		
20	QPSK	1	99	21.46	21.52	21.38		
20	QPSK	50	0	21.45	21.51	21.49		
20	QPSK	50	24	21.36	21.40	21.47	23	0
20	QPSK	50	50	21.44	21.47	21.44		
20	QPSK	100	0	21.39	21.40	21.42		
20	16QAM	1	0	21.34	21.43	21.41		
20	16QAM	1	49	21.23	21.35	21.26	23	0
20	16QAM	1	99	21.37	21.39	21.27		
20	16QAM	50	0	20.75	20.91	20.85		
20	16QAM	50	24	20.86	20.77	20.85	22.5	0.5
20	16QAM	50	50	20.81	20.85	20.81		
20	16QAM	100	0	20.81	20.85	20.91		
20	64QAM	1	0	20.70	20.71	20.88		
20	64QAM	1	49	20.84	20.84	20.88	22.5	0.5
20	64QAM	1	99	20.88	20.87	20.77		
20	64QAM	50	0	19.81	19.75	19.87		
20	64QAM	50	24	19.82	19.76	19.82	21.5	1.5
20	64QAM	50	50	19.87	19.77	19.82		
20	64QAM	100	0	19.79	19.87	19.77		
20	256QAM	1	0	18.09	17.92	17.94		
20	256QAM	1	49	18.09	18.08	17.95	19.5	3.5
20	256QAM	1	99	18.07	17.96	18.07		
20	256QAM	50	0	17.98	17.93	17.93		
20	256QAM	50	24	18.06	18.08	18.08	19.5	3.5
20	256QAM	50	50	18.08	17.93	18.10		
20	256QAM	100	0	18.08	18.06	18.05		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.33	21.43	21.46	23	0
15	QPSK	1	37	21.39	21.29	21.35		
15	QPSK	1	74	21.33	21.50	21.24		
15	QPSK	36	0	21.29	21.48	21.37		
15	QPSK	36	20	21.33	21.29	21.36		
15	QPSK	36	39	21.26	21.42	21.31		
15	QPSK	75	0	21.36	21.33	21.37		
15	16QAM	1	0	21.31	21.33	21.36		
15	16QAM	1	37	21.18	21.28	21.11	23	0
15	16QAM	1	74	21.34	21.22	21.25		
15	16QAM	36	0	20.63	20.78	20.69		
15	16QAM	36	20	20.84	20.73	20.83	22.5	0.5
15	16QAM	36	39	20.80	20.85	20.70		
15	16QAM	75	0	20.75	20.91	20.89		
15	64QAM	1	0	20.52	20.70	20.81		
15	64QAM	1	37	20.74	20.71	20.74	22.5	0.5
15	64QAM	1	74	20.75	20.85	20.75		
15	64QAM	36	0	19.69	19.74	19.86		
15	64QAM	36	20	19.72	19.68	19.70	21.5	1.5
15	64QAM	36	39	19.79	19.60	19.68		
15	64QAM	75	0	19.70	19.73	19.63		
15	256QAM	1	0	17.90	17.78	17.84		
15	256QAM	1	37	17.96	17.87	17.92	19.5	3.5
15	256QAM	1	74	17.88	17.91	18.04		
15	256QAM	36	0	17.83	17.73	17.77		
15	256QAM	36	20	17.88	18.02	17.97	19.5	3.5
15	256QAM	36	39	18.07	17.75	17.91		
15	256QAM	75	0	18.03	17.91	17.88		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.37	21.49	21.36	23	0
10	QPSK	1	25	21.28	21.41	21.39		
10	QPSK	1	49	21.26	21.40	21.22		
10	QPSK	25	0	21.40	21.43	21.47		
10	QPSK	25	12	21.22	21.24	21.46	23	0
10	QPSK	25	25	21.42	21.42	21.26		
10	QPSK	50	0	21.34	21.26	21.40		
10	16QAM	1	0	21.33	21.41	21.24		
10	16QAM	1	25	21.18	21.29	21.14	23	0
10	16QAM	1	49	21.19	21.31	21.22		
10	16QAM	25	0	20.60	20.82	20.73		
10	16QAM	25	12	20.69	20.62	20.70	22.5	0.5
10	16QAM	25	25	20.74	20.65	20.73		
10	16QAM	50	0	20.67	20.76	20.78		
10	64QAM	1	0	20.55	20.63	20.85		
10	64QAM	1	25	20.65	20.67	20.78	22.5	0.5
10	64QAM	1	49	20.84	20.71	20.73		
10	64QAM	25	0	19.63	19.67	19.68		
10	64QAM	25	12	19.78	19.67	19.68	21.5	1.5
10	64QAM	25	25	19.73	19.73	19.76		
10	64QAM	50	0	19.61	19.80	19.73		
10	256QAM	1	0	18.03	17.90	17.80		
10	256QAM	1	25	18.03	17.96	17.95	19.5	3.5
10	256QAM	1	49	17.94	17.78	18.01		
10	256QAM	25	0	17.96	17.90	17.87		
10	256QAM	25	12	17.99	17.96	17.82	19.5	3.5
10	256QAM	25	25	17.95	17.81	17.94		
10	256QAM	50	0	18.06	17.87	17.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.32	21.43	21.39	23	0
5	QPSK	1	12	21.28	21.37	21.24		
5	QPSK	1	24	21.41	21.39	21.31		
5	QPSK	12	0	21.27	21.33	21.46	23	0
5	QPSK	12	7	21.20	21.35	21.29		
5	QPSK	12	13	21.44	21.38	21.40		
5	QPSK	25	0	21.23	21.45	21.22		
5	16QAM	1	0	21.27	21.43	21.36	23	0
5	16QAM	1	12	21.19	21.28	21.13		
5	16QAM	1	24	21.27	21.25	21.15		
5	16QAM	12	0	20.67	20.89	20.78		
5	16QAM	12	7	20.69	20.58	20.66	22.5	0.5
5	16QAM	12	13	20.79	20.73	20.70		
5	16QAM	25	0	20.74	20.79	20.72		
5	64QAM	1	0	20.65	20.56	20.76		
5	64QAM	1	12	20.78	20.70	20.77	22.5	0.5
5	64QAM	1	24	20.72	20.69	20.73		
5	64QAM	12	0	19.66	19.58	19.81		
5	64QAM	12	7	19.65	19.57	19.77	21.5	1.5
5	64QAM	12	13	19.83	19.76	19.67		
5	64QAM	25	0	19.64	19.71	19.69		
5	256QAM	1	0	17.90	17.85	17.78		
5	256QAM	1	12	18.01	17.98	17.94	19.5	3.5
5	256QAM	1	24	17.98	17.86	17.95		
5	256QAM	12	0	17.84	17.83	17.91		
5	256QAM	12	7	17.90	18.07	18.06	19.5	3.5
5	256QAM	12	13	17.96	17.84	18.03		
5	256QAM	25	0	17.92	17.92	18.02		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.39	21.43	21.50	23	0
3	QPSK	1	8	21.44	21.31	21.28		
3	QPSK	1	14	21.43	21.50	21.23		
3	QPSK	8	0	21.41	21.41	21.30		
3	QPSK	8	4	21.34	21.31	21.45	23	0
3	QPSK	8	7	21.29	21.45	21.24		
3	QPSK	15	0	21.36	21.34	21.35		
3	16QAM	1	0	21.30	21.23	21.24		
3	16QAM	1	8	21.09	21.26	21.22	23	0
3	16QAM	1	14	21.25	21.24	21.11		
3	16QAM	8	0	20.62	20.76	20.80		
3	16QAM	8	4	20.73	20.73	20.85	22.5	0.5
3	16QAM	8	7	20.74	20.77	20.63		
3	16QAM	15	0	20.69	20.74	20.81		
3	64QAM	1	0	20.59	20.62	20.80		
3	64QAM	1	8	20.69	20.67	20.78	22.5	0.5
3	64QAM	1	14	20.69	20.77	20.59		
3	64QAM	8	0	19.62	19.73	19.84		
3	64QAM	8	4	19.67	19.59	19.76	21.5	1.5
3	64QAM	8	7	19.62	19.76	19.69		
3	64QAM	15	0	19.62	19.76	19.63		
3	256QAM	1	0	17.97	17.75	17.79		
3	256QAM	1	8	18.05	17.94	17.93	19.5	3.5
3	256QAM	1	14	17.99	17.87	17.95		
3	256QAM	8	0	17.78	17.88	17.88		
3	256QAM	8	4	17.91	18.07	17.92	19.5	3.5
3	256QAM	8	7	17.95	17.91	17.95		
3	256QAM	15	0	17.94	17.98	17.87		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.32	21.44	21.46	23	0
1.4	QPSK	1	3	21.30	21.52	21.43		
1.4	QPSK	1	5	21.43	21.44	21.39		
1.4	QPSK	3	0	21.31	21.47	21.37		
1.4	QPSK	3	1	21.47	21.50	21.39		
1.4	QPSK	3	3	21.28	21.41	21.42		
1.4	QPSK	6	0	21.35	21.47	21.46	23	0
1.4	16QAM	1	0	21.31	21.36	21.46		
1.4	16QAM	1	3	21.37	21.39	21.33		
1.4	16QAM	1	5	21.35	21.36	21.42	23	0
1.4	16QAM	3	0	21.39	21.48	21.48		
1.4	16QAM	3	1	21.37	21.43	21.38		
1.4	16QAM	3	3	21.47	21.47	21.38		
1.4	16QAM	6	0	20.79	20.69	20.73	22.5	0.5
1.4	64QAM	1	0	20.78	20.66	20.72		
1.4	64QAM	1	3	20.73	20.59	20.65		
1.4	64QAM	1	5	20.77	20.58	20.74	22.5	0.5
1.4	64QAM	3	0	20.77	20.58	20.74		
1.4	64QAM	3	1	20.80	20.66	20.83		
1.4	64QAM	3	3	20.83	20.59	20.82		
1.4	64QAM	6	0	19.80	19.69	19.67	21.5	1.5
1.4	256QAM	1	0	18.73	18.71	18.69		
1.4	256QAM	1	3	18.55	18.58	18.64		
1.4	256QAM	1	5	18.57	18.57	18.73	19.5	3.5
1.4	256QAM	3	0	18.47	18.50	18.58		
1.4	256QAM	3	1	18.58	18.58	18.48		
1.4	256QAM	3	3	18.63	18.65	18.56		
1.4	256QAM	6	0	18.51	18.60	18.48	19.5	3.5

Band 4 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.40	21.43	21.41	23	0
20	QPSK	1	49	21.40	21.31	21.27		
20	QPSK	1	99	21.37	21.48	21.24		
20	QPSK	50	0	21.32	21.39	21.31		
20	QPSK	50	24	21.31	21.38	21.30	23	0
20	QPSK	50	50	21.35	21.32	21.29		
20	QPSK	100	0	21.33	21.36	21.28		
20	16QAM	1	0	21.17	21.39	21.22		
20	16QAM	1	49	21.21	21.17	21.21	23	0
20	16QAM	1	99	21.31	21.31	21.24		
20	16QAM	50	0	20.56	20.88	20.74		
20	16QAM	50	24	20.85	20.75	20.82	22.5	0.5
20	16QAM	50	50	20.81	20.72	20.77		
20	16QAM	100	0	20.64	20.66	20.83		
20	64QAM	1	0	20.58	20.62	20.73		
20	64QAM	1	49	20.83	20.80	20.80	22.5	0.5
20	64QAM	1	99	20.78	20.77	20.73		
20	64QAM	50	0	19.80	19.61	19.75		
20	64QAM	50	24	19.65	19.76	19.67	21.5	1.5
20	64QAM	50	50	19.85	19.70	19.63		
20	64QAM	100	0	19.67	19.83	19.69		
20	256QAM	1	0	18.09	17.87	17.83		
20	256QAM	1	49	18.07	17.98	17.81	19.5	3.5
20	256QAM	1	99	17.92	17.85	17.94		
20	256QAM	50	0	17.96	17.80	17.84		
20	256QAM	50	24	18.03	17.95	18.01	19.5	3.5
20	256QAM	50	50	18.00	17.91	18.09		
20	256QAM	100	0	18.07	17.91	18.03		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.29	21.42	21.36	23	0
15	QPSK	1	37	21.38	21.24	21.23		
15	QPSK	1	74	21.27	21.29	21.23		
15	QPSK	36	0	21.12	21.29	21.26		
15	QPSK	36	20	21.31	21.30	21.18	23	0
15	QPSK	36	39	21.24	21.25	21.14		
15	QPSK	75	0	21.25	21.32	21.08		
15	16QAM	1	0	21.12	21.22	21.15		
15	16QAM	1	37	21.14	21.10	21.13	23	0
15	16QAM	1	74	21.28	21.26	21.05		
15	16QAM	36	0	20.65	20.80	20.56		
15	16QAM	36	20	20.79	20.72	20.69	22.5	0.5
15	16QAM	36	39	20.79	20.65	20.61		
15	16QAM	75	0	20.61	20.63	20.72		
15	64QAM	1	0	20.55	20.72	20.65		
15	64QAM	1	37	20.74	20.72	20.65	22.5	0.5
15	64QAM	1	74	20.73	20.65	20.68		
15	64QAM	36	0	19.77	19.56	19.73		
15	64QAM	36	20	19.54	19.75	19.63	21.5	1.5
15	64QAM	36	39	19.79	19.67	19.60		
15	64QAM	75	0	19.64	19.67	19.57		
15	256QAM	1	0	17.89	17.76	17.65		
15	256QAM	1	37	18.06	17.81	17.72	19.5	3.5
15	256QAM	1	74	17.82	17.83	17.91		
15	256QAM	36	0	17.92	17.68	17.84		
15	256QAM	36	20	17.84	17.81	17.82	19.5	3.5
15	256QAM	36	39	17.96	17.81	18.01		
15	256QAM	75	0	17.93	17.84	17.96		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.23	21.26	21.39	23	0
10	QPSK	1	25	21.28	21.13	21.24		
10	QPSK	1	49	21.17	21.22	21.10		
10	QPSK	25	0	21.25	21.31	21.17		
10	QPSK	25	12	21.16	21.36	21.15	23	0
10	QPSK	25	25	21.27	21.22	21.19		
10	QPSK	50	0	21.22	21.22	21.16		
10	16QAM	1	0	21.13	21.21	21.07		
10	16QAM	1	25	21.05	21.07	21.04	23	0
10	16QAM	1	49	21.18	21.17	21.22		
10	16QAM	25	0	20.61	20.71	20.59		
10	16QAM	25	12	20.71	20.67	20.78	22.5	0.5
10	16QAM	25	25	20.76	20.67	20.67		
10	16QAM	50	0	20.62	20.57	20.66		
10	64QAM	1	0	20.54	20.67	20.62		
10	64QAM	1	25	20.81	20.77	20.62	22.5	0.5
10	64QAM	1	49	20.68	20.66	20.65		
10	64QAM	25	0	19.67	19.65	19.57		
10	64QAM	25	12	19.61	19.60	19.62	21.5	1.5
10	64QAM	25	25	19.67	19.53	19.51		
10	64QAM	50	0	19.59	19.73	19.51		
10	256QAM	1	0	17.98	17.71	17.74		
10	256QAM	1	25	17.99	17.96	17.73	19.5	3.5
10	256QAM	1	49	17.84	17.70	17.92		
10	256QAM	25	0	17.95	17.68	17.64		
10	256QAM	25	12	17.90	17.89	17.91	19.5	3.5
10	256QAM	25	25	17.81	17.74	18.04		
10	256QAM	50	0	18.03	17.74	17.83		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.32	21.40	21.24	23	0
5	QPSK	1	12	21.39	21.27	21.14		
5	QPSK	1	24	21.27	21.28	21.15		
5	QPSK	12	0	21.29	21.31	21.16		
5	QPSK	12	7	21.20	21.26	21.27	23	0
5	QPSK	12	13	21.30	21.26	21.21		
5	QPSK	25	0	21.23	21.17	21.26		
5	16QAM	1	0	21.00	21.24	21.17		
5	16QAM	1	12	21.01	21.27	21.18	23	0
5	16QAM	1	24	21.21	21.16	21.07		
5	16QAM	12	0	20.65	20.85	20.64		
5	16QAM	12	7	20.77	20.67	20.63	22.5	0.5
5	16QAM	12	13	20.67	20.61	20.59		
5	16QAM	25	0	20.54	20.50	20.82		
5	64QAM	1	0	20.66	20.58	20.56		
5	64QAM	1	12	20.72	20.77	20.64	22.5	0.5
5	64QAM	1	24	20.68	20.65	20.71		
5	64QAM	12	0	19.80	19.59	19.70		
5	64QAM	12	7	19.60	19.59	19.54	21.5	1.5
5	64QAM	12	13	19.82	19.65	19.63		
5	64QAM	25	0	19.53	19.72	19.53		
5	256QAM	1	0	17.96	17.81	17.71		
5	256QAM	1	12	18.02	17.90	17.79	19.5	3.5
5	256QAM	1	24	17.73	17.74	17.78		
5	256QAM	12	0	17.76	17.80	17.73		
5	256QAM	12	7	17.93	17.92	17.93	19.5	3.5
5	256QAM	12	13	17.99	17.86	17.98		
5	256QAM	25	0	17.95	17.76	17.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.24	21.34	21.40	23	0
3	QPSK	1	8	21.30	21.30	21.18		
3	QPSK	1	14	21.27	21.23	21.12		
3	QPSK	8	0	21.31	21.29	21.28		
3	QPSK	8	4	21.21	21.22	21.29	23	0
3	QPSK	8	7	21.23	21.15	21.09		
3	QPSK	15	0	21.25	21.16	21.20		
3	16QAM	1	0	21.09	21.28	21.14		
3	16QAM	1	8	21.07	21.07	21.03	23	0
3	16QAM	1	14	21.16	21.22	21.09		
3	16QAM	8	0	20.66	20.85	20.59		
3	16QAM	8	4	20.66	20.64	20.78	22.5	0.5
3	16QAM	8	7	20.63	20.64	20.60		
3	16QAM	15	0	20.61	20.57	20.67		
3	64QAM	1	0	20.67	20.73	20.63		
3	64QAM	1	8	20.80	20.66	20.81	22.5	0.5
3	64QAM	1	14	20.63	20.70	20.71		
3	64QAM	8	0	19.79	19.67	19.63		
3	64QAM	8	4	19.65	19.69	19.59	21.5	1.5
3	64QAM	8	7	19.66	19.62	19.64		
3	64QAM	15	0	19.52	19.76	19.62		
3	256QAM	1	0	17.95	17.69	17.76		
3	256QAM	1	8	17.97	17.94	17.78	19.5	3.5
3	256QAM	1	14	17.92	17.69	17.84		
3	256QAM	8	0	17.83	17.70	17.80		
3	256QAM	8	4	18.03	17.79	17.99	19.5	3.5
3	256QAM	8	7	17.83	17.78	18.02		
3	256QAM	15	0	17.89	17.78	17.98		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.22	21.35	21.33	23	0
1.4	QPSK	1	3	21.24	21.42	21.35		
1.4	QPSK	1	5	21.36	21.42	21.37		
1.4	QPSK	3	0	21.20	21.25	21.35		
1.4	QPSK	3	1	21.35	21.35	21.28		
1.4	QPSK	3	3	21.27	21.35	21.35		
1.4	QPSK	6	0	21.29	21.38	21.23	23	0
1.4	16QAM	1	0	21.25	21.28	21.30		
1.4	16QAM	1	3	21.33	21.40	21.34		
1.4	16QAM	1	5	21.28	21.30	21.33	23	0
1.4	16QAM	3	0	21.20	21.39	21.41		
1.4	16QAM	3	1	21.23	21.27	21.25		
1.4	16QAM	3	3	21.23	21.29	21.29		
1.4	16QAM	6	0	20.58	20.65	20.66	22.5	0.5
1.4	64QAM	1	0	20.67	20.66	20.66		
1.4	64QAM	1	3	20.62	20.68	20.58		
1.4	64QAM	1	5	20.68	20.52	20.75	22.5	0.5
1.4	64QAM	3	0	20.71	20.63	20.68		
1.4	64QAM	3	1	20.63	20.52	20.74		
1.4	64QAM	3	3	20.65	20.56	20.69		
1.4	64QAM	6	0	19.66	19.50	19.73	21.5	1.5
1.4	256QAM	1	0	18.60	18.55	18.45		
1.4	256QAM	1	3	18.50	18.56	18.45		
1.4	256QAM	1	5	18.55	18.57	18.46	19.5	3.5
1.4	256QAM	3	0	18.52	18.44	18.39		
1.4	256QAM	3	1	18.51	18.50	18.42		
1.4	256QAM	3	3	18.48	18.39	18.55		
1.4	256QAM	6	0	18.49	18.37	18.39	19.5	3.5

Band 7 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.43	21.58	21.55	23	0
20	QPSK	1	49	21.47	21.35	21.30		
20	QPSK	1	99	21.56	21.98	20.77		
20	QPSK	50	0	21.40	21.52	21.46		
20	QPSK	50	24	21.50	21.44	21.34	23	0
20	QPSK	50	50	21.47	21.48	21.44		
20	QPSK	100	0	21.36	21.46	21.44		
20	16QAM	1	0	21.18	21.49	21.25		
20	16QAM	1	49	21.34	21.

Band 66 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.40	21.53	21.49	23	0
20	QPSK	1	49	21.42	21.27	21.18		
20	QPSK	1	99	21.37	21.46	21.16		
20	QPSK	50	0	21.24	21.46	21.35	23	0
20	QPSK	50	24	21.22	21.38	21.28		
20	QPSK	50	50	21.38	21.34	21.37		
20	QPSK	100	0	21.33	21.43	21.31		
20	16QAM	1	0	21.07	21.40	21.31	23	0
20	16QAM	1	49	21.16	21.16	21.24		
20	16QAM	1	99	21.36	21.21	21.25		
20	16QAM	50	0	20.56	20.89	20.78	22.5	0.5
20	16QAM	50	24	20.84	20.65	20.77		
20	16QAM	50	50	20.88	20.78	20.75		
20	16QAM	100	0	20.69	20.63	20.76		
20	64QAM	1	0	20.59	20.63	20.78	22.5	0.5
20	64QAM	1	49	20.86	20.73	20.90		
20	64QAM	1	99	20.70	20.82	20.74		
20	64QAM	50	0	19.82	19.55	19.69	21.5	1.5
20	64QAM	50	24	19.71	19.68	19.60		
20	64QAM	50	50	19.91	19.79	19.67		
20	64QAM	100	0	19.62	19.77	19.77		
20	256QAM	1	0	18.10	17.80	17.80	19.5	3.5
20	256QAM	1	49	18.01	17.99	17.77		
20	256QAM	1	99	17.83	17.86	17.94		
20	256QAM	50	0	18.06	17.75	17.84	19.5	3.5
20	256QAM	50	24	17.93	17.88	17.93		
20	256QAM	50	50	17.94	17.82	18.00		
20	256QAM	100	0	18.00	17.86	17.97		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.31	21.38	21.42	23	0
15	QPSK	1	37	21.36	21.41	21.23		
15	QPSK	1	74	21.28	21.47	21.26		
15	QPSK	36	0	21.39	21.36	21.38	23	0
15	QPSK	36	20	21.39	21.41	21.32		
15	QPSK	36	39	21.35	21.32	21.27		
15	QPSK	75	0	21.26	21.44	21.33		
15	16QAM	1	0	21.15	21.36	21.13	23	0
15	16QAM	1	37	21.31	21.20	21.16		
15	16QAM	1	74	21.30	21.39	21.32		
15	16QAM	36	0	20.59	20.91	20.76	22.5	0.5
15	16QAM	36	20	20.88	20.73	20.88		
15	16QAM	36	39	20.76	20.69	20.74		
15	16QAM	75	0	20.71	20.59	20.84		
15	64QAM	1	0	20.77	20.71	20.77	22.5	0.5
15	64QAM	1	37	20.79	20.89	20.89		
15	64QAM	1	74	20.76	20.77	20.72		
15	64QAM	36	0	19.81	19.62	19.66	21.5	1.5
15	64QAM	36	20	19.57	19.70	19.76		
15	64QAM	36	39	19.94	19.79	19.71		
15	64QAM	75	0	19.60	19.82	19.71		
15	256QAM	1	0	18.19	17.95	17.81	19.5	3.5
15	256QAM	1	37	18.14	17.91	17.71		
15	256QAM	1	74	17.84	17.88	17.91		
15	256QAM	36	0	17.94	17.72	17.77	19.5	3.5
15	256QAM	36	20	18.02	18.02	18.11		
15	256QAM	36	39	18.05	17.84	18.18		
15	256QAM	75	0	18.09	17.87	18.09		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.34	21.42	21.35	23	0
10	QPSK	1	25	21.46	21.31	21.32		
10	QPSK	1	49	21.33	21.33	21.24		
10	QPSK	25	0	21.42	21.34	21.33	23	0
10	QPSK	25	12	21.36	21.39	21.25		
10	QPSK	25	25	21.33	21.36	21.37		
10	QPSK	50	0	21.34	21.36	21.30		
10	16QAM	1	0	21.22	21.42	21.26	23	0
10	16QAM	1	25	21.30	21.20	21.17		
10	16QAM	1	49	21.32	21.28	21.21		
10	16QAM	25	0	20.60	20.81	20.84	22.5	0.5
10	16QAM	25	12	20.83	20.84	20.76		
10	16QAM	25	25	20.84	20.63	20.76		
10	16QAM	50	0	20.59	20.59	20.76		
10	64QAM	1	0	20.62	20.62	20.71	22.5	0.5
10	64QAM	1	25	20.91	20.85	20.70		
10	64QAM	1	49	20.74	20.76	20.69		
10	64QAM	25	0	19.85	19.57	19.80	21.5	1.5
10	64QAM	25	12	19.62	19.77	19.59		
10	64QAM	25	25	19.80	19.69	19.58		
10	64QAM	50	0	19.76	19.77	19.68		
10	256QAM	1	0	18.07	17.78	17.81	19.5	3.5
10	256QAM	1	25	18.09	17.96	17.79		
10	256QAM	1	49	17.91	17.89	17.97		
10	256QAM	25	0	18.00	17.85	17.81	19.5	3.5
10	256QAM	25	12	18.04	17.90	17.92		
10	256QAM	25	25	17.95	17.84	17.99		
10	256QAM	50	0	18.02	17.96	18.02		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.41	21.37	21.41	23	0
5	QPSK	1	12	21.33	21.36	21.29		
5	QPSK	1	24	21.40	21.49	21.17		
5	QPSK	12	0	21.28	21.34	21.37	23	0
5	QPSK	12	7	21.28	21.47	21.39		
5	QPSK	12	13	21.36	21.24	21.28		
5	QPSK	25	0	21.28	21.36	21.24		
5	16QAM	1	0	21.21	21.30	21.31	23	0
5	16QAM	1	12	21.14	21.07	21.26		
5	16QAM	1	24	21.26	21.35	21.30		
5	16QAM	12	0	20.53	20.95	20.80	22.5	0.5
5	16QAM	12	7	20.76	20.82	20.76		
5	16QAM	12	13	20.72	20.73	20.78		
5	16QAM	25	0	20.69	20.66	20.89		
5	64QAM	1	0	20.75	20.71	20.71	22.5	0.5
5	64QAM	1	12	20.90	20.71	20.79		
5	64QAM	1	24	20.84	20.69	20.80		
5	64QAM	12	0	19.80	19.57	19.75	21.5	1.5
5	64QAM	12	7	19.68	19.80	19.74		
5	64QAM	12	13	19.75	19.79	19.71		
5	64QAM	25	0	19.69	19.74	19.59		
5	256QAM	1	0	18.03	17.78	17.89	19.5	3.5
5	256QAM	1	12	18.09	18.04	17.85		
5	256QAM	1	24	17.83	17.88	17.97		
5	256QAM	12	0	18.02	17.72	17.93	19.5	3.5
5	256QAM	12	7	17.98	17.92	18.08		
5	256QAM	12	13	18.01	17.82	18.19		
5	256QAM	25	0	18.09	17.84	18.12		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.40	21.41	21.44	23	0
3	QPSK	1	8	21.40	21.28	21.31		
3	QPSK	1	14	21.37	21.41	21.17		
3	QPSK	8	0	21.38	21.30	21.34	23	0
3	QPSK	8	4	21.36	21.43	21.33		
3	QPSK	8	7	21.25	21.23	21.34		
3	QPSK	15	0	21.39	21.40	21.26		
3	16QAM	1	0	21.15	21.39	21.28	23	0
3	16QAM	1	8	21.14	21.13	21.27		
3	16QAM	1	14	21.36	21.30	21.26		
3	16QAM	8	0	20.89	20.91	20.72	22.5	0.5
3	16QAM	8	4	20.89	20.72	20.81		
3	16QAM	8	7	20.88	20.73	20.81		
3	16QAM	15	0	20.55	20.66	20.89		
3	64QAM	1	0	20.67	20.55	20.65	22.5	0.5
3	64QAM	1	8	20.81	20.83	20.84		
3	64QAM	1	14	20.83	20.67	20.76		
3	64QAM	8	0	19.78	19.58	19.67	21.5	1.5
3	64QAM	8	4	19.62	19.74	19.67		
3	64QAM	8	7	19.95	19.71	19.59		
3	64QAM	15	0	19.64	19.77	19.73		
3	256QAM	1	0	18.08	17.88	17.89	19.5	3.5
3	256QAM	1	8	18.14	17.97	17.75		
3	256QAM	1	14	17.97	17.76	18.02		
3	256QAM	8	0	17.99	17.72	17.85	19.5	3.5
3	256QAM	8	4	17.94	18.05	18.09		
3	256QAM	8	7	17.97	17.92	18.03		
3	256QAM	15	0	18.13	17.93	17.94		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.29	21.40	21.35	23	0
1.4	QPSK	1	3	21.35	21.37	21.50		
1.4	QPSK	1	5	21.29	21.45	21.41		
1.4	QPSK	3	0	21.40	21.47	21.39		
1.4	QPSK	3	1	21.32	21.52	21.48		
1.4	QPSK	3	3	21.40	21.46	21.43		
1.4	QPSK	6	0	21.47	21.51	21.44	23	0
1.4	16QAM	1	0	21.45	21.49	21.42	23	0
1.4	16QAM	1	3	21.31	21.51	21.33		
1.4	16QAM	1	5	21.32	21.33	21.33		
1.4	16QAM	3	0	21.47	21.40	21.33		
1.4	16QAM	3	1	21.39	21.42	21.51		
1.4	16QAM	3	3	21.32	21.38	21.49		
1.4	16QAM	6	0	20.79	20.74	20.84	22.5	0.5
1.4	64QAM	1	0	20.68	20.76	20.67	22.5	0.5
1.4	64QAM	1	3	20.73	20.63	20.78		
1.4	64QAM	1	5	20.73	20.76	20.79		
1.4	64QAM	3	0	20.73	20.68	20.81		
1.4	64QAM	3	1	20.83	20.62	20.76		
1.4	64QAM	3	3	20.76	20.57	20.84		
1.4	64QAM	6	0	19.67	19.58	19.67	21.5	1.5
1.4	256QAM	1	0	18.65	18.73	18.72	19.5	3.5
1.4	256QAM	1	3	18.63	18.64	18.66		
1.4	256QAM	1	5	18.57	18.56	18.57		
1.4	256QAM	3	0	18.63	18.59	18.58		
1.4	256QAM	3	1	18.61	18.48	18.56		
1.4	256QAM	3	3	18.54	18.62	18.60		
1.4	256QAM	6	0	18.61	18.50	18.63	19.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.88	21.92	21.82	23	0
20	QPSK	1	49	21.79	21.74	21.70		
20	QPSK	1	99	21.75	21.72	21.69		
20	QPSK	50	0	21.76	21.69	21.81	23	0
20	QPSK	50	24	21.68	21.69	21.65		
20	QPSK	50	50	21.85	21.73	21.63		
20	QPSK	100	0	21.70	21.76	21.60		
20	16QAM	1	0	21.51	21.81	21.53	23	0
20	16QAM	1	49	21.51	21.63	21.57		
20	16QAM	1	99	21.67	21.73	21.61		
20	16QAM	50	0	21.05	21.21	21.23	22.5	0.5
20	16QAM	50	24	21.32	21.21	21.16		
20	16QAM	50	50	21.25	21.15	21.15		
20	16QAM	100	0	21.12	21.07	21.23		
20	64QAM	1	0	21.05	20.92	21.10	22.5	0.5
20	64QAM	1	49	21.33	21.14	21.28		
20	64QAM	1	99	21.18	21.23	21.15		
20	64QAM	50	0	20.21	19.94	20.13	21.5	1.5
20	64QAM	50	24	20.01	20.23	20.02		
20	64QAM	50	50	20.30	20.01	20.05		
20	64QAM	100	0	20.03	20.15	20.18		
20	256QAM	1	0	18.48	18.30	18.29	19.5	3.5
20	256QAM	1	49	18.45	18.33	18.15		
20	256QAM	1	99	18.24	18.16	18.28		
20	256QAM	50	0	18.40	18.27	18.30	19.5	3.5
20	256QAM	50	24	18.50	18.25	18.45		
20	256QAM	50	50	18.50	18.40	18.54		
20	256QAM	100	0	18.49	18.36	18.37		
Channel				37625	38000	38375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.71	21.79	21.81	23	0
15	QPSK	1	37	21.76	21.70	21.65		
15	QPSK	1	74	21.67	21.87	21.67		
15	QPSK	36	0	21.71	21.71	21.75	23	0
15	QPSK	36	20	21.77	21.81	21.64		
15	QPSK	36	39	21.68	21.78	21.67		
15	QPSK	75	0	21.77	21.72	21.72		
15	16QAM	1	0	21.65	21.82	21.60	23	0
15	16QAM	1	37	21.52	21.65	21.64		
15	16QAM	1	74	21.75	21.62	21.65		
15	16QAM	36	0	20.91	21.30	21.22	22.5	0.5
15	16QAM	36	20	21.27	21.18	21.22		
15	16QAM	36	39	21.30	21.12	21.24		
15	16QAM	75	0	20.96	21.11	21.24		
15	64QAM	1	0	21.15	21.02	21.06	22.5	0.5
15	64QAM	1	37	21.20	21.29	21.23		
15	64QAM	1	74	21.21	21.14	21.15		
15	64QAM	36	0	20.17	19.97	20.24	21.5	1.5
15	64QAM	36	20	19.98	20.21	20.08		
15	64QAM	36	39	20.33	20.10	20.12		
15	64QAM	75	0	20.11	20.29	20.05		
15	256QAM	1	0	18.53	18.27	18.18	19.5	3.5
15	256QAM	1	37	18.56	18.36	18.26		
15	256QAM	1	74	18.32	18.19	18.34		
15	256QAM	36	0	18.43	18.25	18.15	19.5	3.5
15	256QAM	36	20	18.50	18.38	18.35		
15	256QAM	36	39	18.46	18.25	18.56		
15	256QAM	75	0	18.49	18.22	18.52		
Channel				37500	38000	38500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.90	21.91	21.89	23	0
10	QPSK	1	25	21.86	21.63	21.70		
10	QPSK	1	49	21.82	21.72	21.55		
10	QPSK	25	0	21.73	21.83	21.75	23	0
10	QPSK	25	12	21.66	21.69	21.61		
10	QPSK	25	25	21.71	21.63	21.60		
10	QPSK	50	0	21.63	21.75	21.70		
10	16QAM	1	0	21.52	21.73	21.54	23	0
10	16QAM	1	25	21.63	21.59	21.66		
10	16QAM	1	49	21.81	21.62	21.70		
10	16QAM	25	0	20.91	21.19	21.13	22.5	0.5
10	16QAM	25	12	21.15	21.20	21.12		
10	16QAM	25	25	21.21	21.10	21.07		
10	16QAM	50	0	20.94	20.99	21.25		
10	64QAM	1	0	21.14	20.99	21.10	22.5	0.5
10	64QAM	1	25	21.29	21.16	21.22		
10	64QAM	1	49	21.15	21.19	21.14		
10	64QAM	25	0	20.14	20.10	20.06	21.5	1.5
10	64QAM	25	12	20.01	20.19	20.01		
10	64QAM	25	25	20.28	20.07	20.08		
10	64QAM	50	0	19.97	20.21	20.17		
10	256QAM	1	0	18.55	18.29	18.25	19.5	3.5
10	256QAM	1	25	18.54	18.43	18.22		
10	256QAM	1	49	18.41	18.17	18.24		
10	256QAM	25	0	18.40	18.29	18.33	19.5	3.5
10	256QAM	25	12	18.35	18.41	18.32		
10	256QAM	25	25	18.43	18.32	18.41		
10	256QAM	50	0	18.52	18.36	18.33		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	21.90	21.87	21.89	23	0
5	QPSK	1	12	21.75	21.71	21.72		
5	QPSK	1	24	21.80	21.83	21.68		
5	QPSK	12	0	21.63	21.71	21.80	23	0
5	QPSK	12	7	21.61	21.85	21.67		
5	QPSK	12	13	21.75	21.73	21.60		
5	QPSK	25	0	21.69	21.66	21.75		
5	16QAM	1	0	21.58	21.71	21.62	23	0
5	16QAM	1	12	21.68	21.55	21.61		
5	16QAM	1	24	21.71	21.67	21.72		
5	16QAM	12	0	20.95	21.25	21.17	22.5	0.5
5	16QAM	12	7	21.30	21.08	21.20		
5	16QAM	12	13	21.28	21.08	21.15		
5	16QAM	25	0	21.07	21.00	21.16		
5	64QAM	1	0	21.05	21.12	21.20	22.5	0.5
5	64QAM	1	12	21.28	21.10	21.16		
5	64QAM	1	24	21.11	21.12	21.14		
5	64QAM	12	0	20.12	20.01	20.19	21.5	1.5
5	64QAM	12	7	20.02	20.10	20.13		
5	64QAM	12	13	20.19	20.04	19.96		
5	64QAM	25	0	20.10	20.16	20.01		
5	256QAM	1	0	18.41	18.20	18.33	19.5	3.5
5	256QAM	1	12	18.56	18.43	18.18		
5	256QAM	1	24	18.30	18.32	18.37		
5	256QAM	12	0	18.42	18.27	18.30	19.5	3.5
5	256QAM	12	7	18.41	18.39	18.40		
5	256QAM	12	13	18.42	18.26	18.42		
5	256QAM	25	0	18.42	18.22	18.44		

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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	21.76	21.86	21.89	21.82	21.80	23	0
20	QPSK	1	49	21.72	21.63	21.76	21.77	21.66		
20	QPSK	1	99	21.83	21.86	21.73	21.60	21.73		
20	QPSK	50	0	21.77	21.76	21.86	21.79	21.70	23	0
20	QPSK	50	24	21.79	21.66	21.78	21.65	21.70		
20	QPSK	50	50	21.73	21.74	21.70	21.73	21.75		
20	QPSK	100	0	21.66	21.66	21.79	21.69	21.68		
20	16QAM	1	0	21.67	21.81	21.67	21.59	21.68	23	0
20	16QAM	1	49	21.51	21.64	21.52	21.56	21.59		
20	16QAM	1	99	21.70	21.70	21.57	21.64	21.59		
20	16QAM	50	0	20.89	21.18	21.13	21.05	21.22	22.5	0.5
20	16QAM	50	24	21.15	21.06	21.25	21.22	21.14		
20	16QAM	50	50	21.17	21.08	21.22	21.19	21.15		
20	16QAM	100	0	21.08	21.03	21.16	21.20	21.19		
20	64QAM	1	0	21.12	21.06	21.22	21.15	21.20	22.5	0.5
20	64QAM	1	49	21.27	21.12	21.30	21.29	21.16		
20	64QAM	1	99	21.24	21.20	21.03	21.05	21.06		
20	64QAM	50	0	20.28	20.07	20.21	20.18	20.12	21.5	1.5
20	64QAM	50	24	20.00	20.13	19.97	20.07	20.07		
20	64QAM	50	50	20.15	20.10	20.12	20.09	20.12		
20	64QAM	100	0	20.15	20.16	20.03	19.99	20.00		
20	256QAM	1	0	18.47	18.34	18.22	18.14	18.14	19.5	3.5
20	256QAM	1	49	18.46	18.42	18.18	18.19	18.26		
20	256QAM	1	99	18.32	18.29	18.31	18.31	18.32		
20	256QAM	50	0	18.46	18.14	18.17	18.27	18.28	19.5	3.5
20	256QAM	50	24	18.35	18.45	18.46	18.33	18.34		
20	256QAM	50	50	18.40	18.41	18.52	18.40	18.54		
20	256QAM	100	0	18.46	18.34	18.52	18.46	18.49		
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	21.65	21.81	21.76	21.75	21.78	23	0
15	QPSK	1	37	21.74	21.68	21.62	21.59	21.59		
15	QPSK	1	74	21.66	21.71	21.52	21.51	21.64		
15	QPSK	36	0	21.68	21.77	21.72	21.68	21.61	23	0
15	QPSK	36	20	21.60	21.83	21.66	21.57	21.62		
15	QPSK	36	39	21.63	21.66	21.71	21.73	21.54		
15	QPSK	75	0	21.60	21.78	21.68	21.56	21.69		
15	16QAM	1	0	21.50	21.77	21.60	21.62	21.47	23	0
15	16QAM	1	37	21.54	21.54	21.60	21.63	21.50		
15	16QAM	1	74	21.61	21.62	21.62	21.67	21.51		
15	16QAM	36	0	20.83	21.25	20.99	21.16	21.00	22.5	0.5
15	16QAM	36	20	21.21	21.18	21.08	21.14	21.16		
15	16QAM	36	39	21.25	21.06	21.19	21.07	21.04		
15	16QAM	75	0	20.97	21.03	21.23	21.21	21.10		
15	64QAM	1	0	21.03	21.01	21.01	21.15	21.17	22.5	0.5
15	64QAM	1	37	21.11	21.09	21.09	21.20	21.16		
15	64QAM	1	74	21.12	21.03	21.10	21.02	21.16		
15	64QAM	36	0	20.10	19.94	20.12	20.20	20.16	21.5	1.5
15	64QAM	36	20	20.07	20.09	20.07	20.03	20.00		
15	64QAM	36	39	20.28	20.14	20.02	19.94	20.02		
15	64QAM	75	0	19.95	20.15	19.98	20.13	19.97		
15	256QAM	1	0	18.39	18.21	18.20	18.25	18.17	19.5	3.5
15	256QAM	1	37	18.41	18.40	18.12	18.25	18.23		
15	256QAM	1	74	18.30	18.15	18.27	18.19	18.26		
15	256QAM	36	0	18.32	18.20	18.26	18.22	18.17	19.5	3.5
15	256QAM	36	20	18.32	18.36	18.42	18.41	18.34		
15	256QAM	36	39	18.39	18.35	18.44	18.36	18.40		
15	256QAM	75	0	18.37	18.18	18.41	18.48	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	21.68	21.72	21.73	21.70	21.76	23	0
10	QPSK	1	25	21.80	21.58	21.71	21.62	21.62		
10	QPSK	1	49	21.64	21.79	21.55	21.61	21.65		
10	QPSK	25	0	21.73	21.74	21.58	21.61	21.70	23	0
10	QPSK	25	12	21.62	21.73	21.59	21.61	21.73		
10	QPSK	25	25	21.72	21.61	21.65	21.69	21.69		
10	QPSK	50	0	21.71	21.63	21.73	21.53	21.54		
10	16QAM	1	0	21.50	21.76	21.49	21.57	21.65	23	0
10	16QAM	1	25	21.48	21.60	21.47	21.50	21.64		
10	16QAM	1	49	21.71	21.64	21.68	21.65	21.52		
10	16QAM	25	0	20.97	21.30	21.12	21.03	21.14	22.5	0.5
10	16QAM	25	12	21.12	21.02	21.15	21.24	21.11		
10	16QAM	25	25	21.11	21.05	21.17	21.04	21.06		
10	16QAM	50	0	20.90	20.92	21.25	21.13	21.12		
10	64QAM	1	0	21.12	20.94	21.11	21.17	21.08	22.5	0.5
10	64QAM	1	25	21.21	21.10	21.15	21.20	21.13		
10	64QAM	1	49	21.15	21.04	21.03	21.00	21.08		
10	64QAM	25	0	20.11	19.95	20.12	20.19	20.20	21.5	1.5
10	64QAM	25	12	19.98	20.19	20.02	20.08	19.99		
10	64QAM	25	25	20.15	20.07	19.89	19.92	20.02		
10	64QAM	50	0	20.11	20.27	19.96	20.08	20.11		
10	256QAM	1	0	18.35	18.15	18.19	18.10	18.19	19.5	3.5
10	256QAM	1	25	18.34	18.36	18.11	18.16	18.08		
10	256QAM	1	49	18.30	18.28	18.27	18.32	18.23		
10	256QAM	25	0	18.28	18.11	18.11	18.28	18.16	19.5	3.5
10	256QAM	25	12	18.47	18.34	18.41	18.44	18.41		
10	256QAM	25	25	18.28	18.21	18.45	18.53	18.46		
10	256QAM	50	0	18.40	18.22	18.44	18.31	18.37		
Channel				39775	40148	40520	41093	41665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.82	21.82	21.84	21.79	21.85	23	0
5	QPSK	1	12	21.84	21.69	21.64	21.58	21.66		
5	QPSK	1	24	21.80	21.84	21.60	21.53	21.65		
5	QPSK	12	0	21.68	21.75	21.65	21.60	21.71	23	0
5	QPSK	12	7	21.64	21.66	21.62	21.63	21.55		
5	QPSK	12	13	21.66	21.59	21.72	21.59	21.55		
5	QPSK	25	0	21.68	21.73	21.62	21.66	21.71		
5	16QAM	1	0	21.46	21.68	21.60	21.57	21.56	23	0
5	16QAM	1	12	21.54	21.56	21.65	21.47	21.62		
5	16QAM	1	24	21.67	21.68	21.59	21.58	21.53		
5	16QAM	12	0	20.81	21.15	21.12	21.17	21.13	22.5	0.5
5	16QAM	12	7	21.24	21.07	21.14	21.26	21.17		
5	16QAM	12	13	21.14	21.15	21.21	21.04	21.21		
5	16QAM	25	0	20.95	20.96	21.17	21.16	21.12		
5	64QAM	1	0	21.02	20.88	20.99	21.13	21.11	22.5	0.5
5	64QAM	1	12	21.12	21.24	21.16	21.16	21.13		
5	64QAM	1	24	21.23	21.05	20.99	21.16	21.07		
5	64QAM	12	0	20.22	20.03	20.17	20.13	20.04	21.5	1.5
5	64QAM	12	7	20.08	20.08	20.05	20.04	20.06		
5	64QAM	12	13	20.11	20.10	20.06	19.91	19.91		
5	64QAM	25	0	20.00	20.13	20.10	20.07	20.06		
5	256QAM	1	0	18.40	18.13	18.17	18.18	18.24	19.5	3.5
5	256QAM	1	12	18.41	18.32	18.23	18.12	18.16		
5	256QAM	1	24	18.23	18.28	18.31	18.21	18.20		
5	256QAM	12	0	18.26	18.07	18.11	18.19	18.26	19.5	3.5
5	256QAM	12	7	18.45	18.38	18.34	18.27	18.45		
5	256QAM	12	13	18.28	18.19	18.39	18.52	18.42		
5	256QAM	25	0	18.46	18.17	18.42	18.42	18.45		

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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	23.14	23.25	23.38	23.31	23.34	24	0
20	QPSK	1	49	23.09	23.13	23.28	23.13	23.26		
20	QPSK	1	99	23.13	23.22	23.20	23.28	23.22		
20	QPSK	50	0	23.09	23.17	23.35	23.23	23.31	24	0
20	QPSK	50	24	23.11	23.08	23.26	23.27	23.20		
20	QPSK	50	50	23.03	23.07	23.21	23.28	23.29		
20	QPSK	100	0	23.02	23.13	23.31	23.19	23.25		
20	16QAM	1	0	22.96	23.23	23.36	23.20	23.15	24	0
20	16QAM	1	49	23.01	23.22	23.24	23.12	23.14		
20	16QAM	1	99	23.09	23.18	23.20	23.16	23.17		
20	16QAM	50	0	22.95	23.22	23.31	23.18	23.27	24	0
20	16QAM	50	24	23.05	23.07	23.25	23.19	23.24		
20	16QAM	50	50	23.02	23.16	23.23	23.30	23.25		
20	16QAM	100	0	23.12	23.15	23.28	23.18	23.17		
20	64QAM	1	0	22.98	23.23	23.31	23.14	23.25	24	0
20	64QAM	1	49	23.05	23.05	23.28	23.29	23.30		
20	64QAM	1	99	22.95	23.24	23.29	23.30	23.18		
20	64QAM	50	0	23.00	23.15	23.33	23.15	23.27	24	0
20	64QAM	50	24	23.01	23.09	23.20	23.30	23.25		
20	64QAM	50	50	23.10	23.18	23.30	23.28	23.19		
20	64QAM	100	0	23.12	23.09	23.24	23.27	23.20		
20	256QAM	1	0	21.31	21.36	21.45	21.41	21.38	22	2
20	256QAM	1	49	21.34	21.47	21.48	21.43	21.48		
20	256QAM	1	99	21.36	21.32	21.41	21.39	21.35		
20	256QAM	50	0	21.32	21.41	21.33	21.48	21.36	22	2
20	256QAM	50	24	21.41	21.45	21.30	21.39	21.33		
20	256QAM	50	50	21.32	21.47	21.41	21.36	21.30		
20	256QAM	100	0	21.38	21.35	21.47	21.44	21.32		
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	23.02	23.06	23.29	23.18	23.20	24	0
15	QPSK	1	37	23.02	23.07	23.19	22.96	23.19		
15	QPSK	1	74	23.05	23.20	23.11	23.12	23.14		
15	QPSK	36	0	22.90	23.09	23.33	23.09	23.16	24	0
15	QPSK	36	20	22.94	23.01	23.20	23.18	23.15		
15	QPSK	36	39	22.84	22.92	23.05	23.13	23.27		
15	QPSK	75	0	22.87	23.04	23.30	23.03	23.22		
15	16QAM	1	0	22.90	23.07	23.29	23.19	23.11	24	0
15	16QAM	1	37	22.86	23.02	23.09	22.93	23.11		
15	16QAM	1	74	23.00	23.10	23.10	23.05	23.10		
15	16QAM	36	0	22.86	23.20	23.26	23.09	23.14	24	0
15	16QAM	36	20	22.96	23.03	23.17	23.11	23.08		
15	16QAM	36	39	22.95	23.15	23.10	23.16	23.08		
15	16QAM	75	0	22.96	23.00	23.16	23.13	23.00		
15	64QAM	1	0	22.96	23.07	23.14	23.11	23.12	24	0
15	64QAM	1	37	23.02	23.03	23.23	23.26	23.10		
15	64QAM	1	74	22.88	23.15	23.18	23.22	23.13		
15	64QAM	36	0	22.90	23.02	23.27	22.96	23.18	24	0
15	64QAM	36	20	22.91	22.91	23.12	23.24	23.14		
15	64QAM	36	39	23.04	23.02	23.17	23.11	23.11		
15	64QAM	75	0	23.01	22.95	23.05	23.19	23.12		
15	256QAM	1	0	21.17	21.17	21.42	21.28	21.24	22	2
15	256QAM	1	37	21.28	21.36	21.40	21.33	21.35		
15	256QAM	1	74	21.28	21.18	21.34	21.28	21.18		
15	256QAM	36	0	21.27	21.36	21.27	21.48	21.17	22	2
15	256QAM	36	20	21.40	21.27	21.11	21.34	21.25		
15	256QAM	36	39	21.28	21.28	21.23	21.22	21.19		
15	256QAM	75	0	21.29	21.23	21.38	21.32	21.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.95	23.13	23.33	23.12	23.19	24	0
10	QPSK	1	25	22.90	23.04	23.16	23.04	23.22		
10	QPSK	1	49	23.01	23.06	23.10	23.17	23.06		
10	QPSK	25	0	23.03	23.15	23.18	23.15	23.13	24	0
10	QPSK	25	12	23.00	23.08	23.25	23.18	23.12		
10	QPSK	25	25	22.97	23.05	23.12	23.22	23.27		
10	QPSK	50	0	22.90	23.01	23.26	23.02	23.21		
10	16QAM	1	0	22.88	23.21	23.20	23.00	23.07	24	0
10	16QAM	1	25	22.93	23.11	23.12	22.97	22.99		
10	16QAM	1	49	23.03	23.07	23.16	23.00	23.14		
10	16QAM	25	0	22.77	23.20	22.97	23.00	22.97	24	0
10	16QAM	25	12	22.93	22.97	23.11	22.99	23.22		
10	16QAM	25	25	22.87	23.00	23.21	23.15	23.15		
10	16QAM	50	0	23.05	23.11	23.27	23.09	23.02		
10	64QAM	1	0	22.82	23.22	23.14	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.26	22.34	22.20	24	0
20	QPSK	1	49	22.22	22.26	22.16		
20	QPSK	1	99	22.07	22.21	22.13		
20	QPSK	50	0	21.33	21.36	21.27	23	1
20	QPSK	50	24	21.27	21.30	21.21		
20	QPSK	50	50	21.20	21.25	21.19		
20	QPSK	100	0	21.19	21.31	21.27		
20	16QAM	1	0	21.13	21.23	21.19	23	1
20	16QAM	1	49	21.12	21.17	21.06		
20	16QAM	1	99	21.00	21.13	21.02		
20	16QAM	50	0	20.27	20.39	20.26	22	2
20	16QAM	50	24	20.22	20.31	20.19		
20	16QAM	50	50	20.27	20.35	20.22		
20	16QAM	100	0	20.25	20.29	20.22		
20	64QAM	1	0	20.19	20.27	20.15	22	2
20	64QAM	1	49	20.11	20.21	20.08		
20	64QAM	1	99	20.10	20.17	20.14		
20	64QAM	50	0	19.38	19.42	19.32	21	3
20	64QAM	50	24	19.26	19.33	19.28		
20	64QAM	50	50	19.23	19.38	19.24		
20	64QAM	100	0	19.18	19.30	19.18		
20	256QAM	1	0	15.34	15.44	15.30	19	5
20	256QAM	1	49	18.80	18.95	18.83		
20	256QAM	1	99	14.42	14.55	14.43		
20	256QAM	50	0	18.74	18.83	18.72	19	5
20	256QAM	50	24	18.82	18.88	18.74		
20	256QAM	50	50	18.77	18.81	18.75		
20	256QAM	100	0	18.62	18.69	18.63		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.27	22.32	22.14	24	0
15	QPSK	1	37	22.16	22.20	22.07		
15	QPSK	1	74	22.02	22.20	22.07		
15	QPSK	36	0	21.27	21.37	21.24	23	1
15	QPSK	36	20	21.18	21.20	21.21		
15	QPSK	36	39	21.12	21.15	21.18		
15	QPSK	75	0	21.14	21.28	21.22		
15	16QAM	1	0	21.09	21.24	21.19	23	1
15	16QAM	1	37	21.08	21.13	21.02		
15	16QAM	1	74	21.02	21.10	21.06		
15	16QAM	36	0	20.25	20.38	20.16	22	2
15	16QAM	36	20	20.21	20.32	20.10		
15	16QAM	36	39	20.23	20.27	20.18		
15	16QAM	75	0	20.16	20.28	20.19		
15	64QAM	1	0	20.21	20.27	20.13	22	2
15	64QAM	1	37	20.13	20.15	20.02		
15	64QAM	1	74	20.08	20.11	20.07		
15	64QAM	36	0	19.39	19.42	19.29	21	3
15	64QAM	36	20	19.17	19.25	19.24		
15	64QAM	36	39	19.22	19.39	19.16		
15	64QAM	75	0	19.14	19.25	19.17		
15	256QAM	1	0	15.35	15.44	15.30	19	5
15	256QAM	1	37	18.73	18.93	18.77		
15	256QAM	1	74	14.33	14.48	14.43		
15	256QAM	36	0	18.68	18.84	18.72	19	5
15	256QAM	36	20	18.77	18.84	18.67		
15	256QAM	36	39	18.74	18.79	18.67		
15	256QAM	75	0	18.57	18.68	18.62		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.22	22.30	22.16	24	0
10	QPSK	1	25	22.19	22.25	22.14		
10	QPSK	1	49	22.04	22.14	22.07		
10	QPSK	25	0	21.30	21.32	21.23	23	1
10	QPSK	25	12	21.26	21.26	21.13		
10	QPSK	25	25	21.12	21.22	21.09		
10	QPSK	50	0	21.14	21.32	21.28		
10	16QAM	1	0	21.10	21.18	21.16	23	1
10	16QAM	1	25	21.12	21.16	21.02		
10	16QAM	1	49	21.04	21.09	21.05		
10	16QAM	25	0	20.27	20.32	20.24	22	2
10	16QAM	25	12	20.20	20.25	20.11		
10	16QAM	25	25	20.24	20.36	20.13		
10	16QAM	50	0	20.24	20.30	20.14		
10	64QAM	1	0	20.21	20.23	20.13	22	2
10	64QAM	1	25	20.13	20.14	20.06		
10	64QAM	1	49	20.10	20.15	20.13		
10	64QAM	25	0	19.36	19.43	19.22	21	3
10	64QAM	25	12	19.22	19.31	19.25		
10	64QAM	25	25	19.16	19.39	19.15		
10	64QAM	50	0	19.13	19.23	19.20		
10	256QAM	1	0	15.24	15.36	15.27	19	5
10	256QAM	1	25	18.82	18.86	18.76		
10	256QAM	1	49	14.43	14.57	14.34		
10	256QAM	25	0	18.66	18.74	18.64	19	5
10	256QAM	25	12	18.79	18.85	18.67		
10	256QAM	25	25	18.77	18.80	18.75		
10	256QAM	50	0	18.53	18.70	18.54		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.17	22.29	22.11	24	0
5	QPSK	1	12	22.23	22.17	22.08		
5	QPSK	1	24	22.06	22.18	22.14		
5	QPSK	12	0	21.35	21.36	21.18	23	1
5	QPSK	12	7	21.20	21.32	21.21		
5	QPSK	12	13	21.14	21.17	21.16		
5	QPSK	25	0	21.09	21.24	21.23		
5	16QAM	1	0	21.06	21.22	21.19	23	1
5	16QAM	1	12	21.09	21.14	21.02		
5	16QAM	1	24	21.03	21.13	21.11		
5	16QAM	12	0	20.29	20.30	20.17	22	2
5	16QAM	12	7	20.23	20.23	20.15		
5	16QAM	12	13	20.20	20.32	20.23		
5	16QAM	25	0	20.18	20.21	20.13		
5	64QAM	1	0	20.19	20.26	20.06	22	2
5	64QAM	1	12	20.12	20.17	20.05		
5	64QAM	1	24	20.10	20.14	20.16		
5	64QAM	12	0	19.34	19.35	19.32	21	3
5	64QAM	12	7	19.25	19.29	19.25		
5	64QAM	12	13	19.17	19.29	19.17		
5	64QAM	25	0	19.15	19.25	19.10		
5	256QAM	1	0	15.30	15.41	15.22	19	5
5	256QAM	1	12	18.79	18.91	18.83		
5	256QAM	1	24	14.38	14.46	14.44		
5	256QAM	12	0	18.65	18.74	18.73	19	5
5	256QAM	12	7	18.76	18.78	18.65		
5	256QAM	12	13	18.69	18.74	18.76		
5	256QAM	25	0	18.56	18.62	18.60		

Band 43 FCC Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.79	21.82	21.71	23	0
20	QPSK	1	49	21.71	21.74	21.65		
20	QPSK	1	99	21.65	21.69	21.59		
20	QPSK	50	0	20.78	20.93	20.85	22	1
20	QPSK	50	24	20.83	20.87	20.77		
20	QPSK	50	50	20.73	20.82	20.78		
20	QPSK	100	0	20.79	20.85	20.78		
20	16QAM	1	0	20.59	20.69	20.54	22	1
20	16QAM	1	49	20.56	20.63	20.50		
20	16QAM	1	99	20.52	20.59	20.54		
20	16QAM	50	0	19.64	19.76	19.61	21	2
20	16QAM	50	24	19.59	19.68	19.54		
20	16QAM	50	50	19.58	19.72	19.66		
20	16QAM	100	0	19.55	19.66	19.51		
20	64QAM	1	0	19.60	19.69	19.56	21	2
20	64QAM	1	49	19.49	19.63	19.51		
20	64QAM	1	99	19.48	19.59	19.49		
20	64QAM	50	0	18.62	18.73	18.63	20	3
20	64QAM	50	24	18.58	18.64	18.57		
20	64QAM	50	50	18.58	18.69	18.55		
20	64QAM	100	0	18.48	18.61	18.57		
20	256QAM	1	0	17.22	17.37	17.26	18	5
20	256QAM	1	49	17.24	17.34	17.30		
20	256QAM	1	99	17.16	17.29	17.15		
20	256QAM	50	0	17.25	17.32	17.22	18	5
20	256QAM	50	24	17.07	17.22	17.19		
20	256QAM	50	50	17.19	17.28	17.18		
20	256QAM	100	0	17.21	17.25	17.14		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.70	21.76	21.64	23	0
15	QPSK	1	37	21.61	21.67	21.52		
15	QPSK	1	74	21.57	21.61	21.51		
15	QPSK	36	0	20.66	20.88	20.77	22	1
15	QPSK	36	20	20.69	20.81	20.68		
15	QPSK	36	39	20.59	20.72	20.70		
15	QPSK	75	0	20.65	20.79	20.65		
15	16QAM	1	0	20.47	20.60	20.42	22	1
15	16QAM	1	37	20.46	20.54	20.36		
15	16QAM	1	74	20.48	20.49	20.47		
15	16QAM	36	0	19.59	19.66	19.46	21	2
15	16QAM	36	20	19.49	19.57	19.41		
15	16QAM	36	39	19.55	19.64	19.54		
15	16QAM	75	0	19.42	19.54	19.37		
15	64QAM	1	0	19.52	19.61	19.51	21	2
15	64QAM	1	37	19.38	19.50	19.38		
15	64QAM	1	74	19.36	19.52	19.45		
15	64QAM	36	0	18.50	18.67	18.58	20	3
15	64QAM	36	20	18.44	18.58	18.51		
15	64QAM	36	39	18.43	18.62	18.41		
15	64QAM	75	0	18.36	18.49	18.45		
15	256QAM	1	0	17.09	17.24	17.13	18	5
15	256QAM	1	37	17.16	17.30	17.27		
15	256QAM	1	74	17.06	17.19	17.08		
15	256QAM	36	0	17.11	17.22	17.12	18	5
15	256QAM	36	20	17.00	17.10	17.15		
15	256QAM	36	39	17.05	17.13	17.09		
15	256QAM	75	0	17.09	17.15	17.00		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.72	21.75	21.63	23	0
10	QPSK	1	25	21.61	21.67	21.52		
10	QPSK	1	49	21.62	21.62	21.48		
10	QPSK	25	0	20.68	20.89	20.80	22	1
10	QPSK	25	12	20.76	20.77	20.73		
10	QPSK	25	25	20.68	20.73	20.72		
10	QPSK	50	0	20.73	20.82	20.71		
10	16QAM	1	0	20.46	20.62	20.43	22	1
10	16QAM	1	25	20.50	20.50	20.39		
10	16QAM	1	49	20.41	20.48	20.50		
10	16QAM	25	0	19.56	19.62	19.52	21	2
10	16QAM	25	12	19.54	19.63	19.44		
10	16QAM	25	25	19.51	19.66	19.59		
10	16QAM	50	0	19.48	19.59	19.40		
10	64QAM	1	0	19.52	19.62	19.45	21	2
10	64QAM	1	25	19.41	19.58	19.42		
10	64QAM	1	49	19.34	19.55	19.39		
10	64QAM	25	0	18.57	18.59	18.52	20	3
10	64QAM	25	12	18.44	18.50	18.52		
10	64QAM	25	25	18.49	18.55	18.47		
10	64QAM	50	0	18.35	18.47	18.49		
10	256QAM	1	0	17.13	17.26	17.12	18	5
10	256QAM	1	25	17.21	17.21	17.17		
10	256QAM	1	49	17.07	17.26	17.04		
10	256QAM	25	0	17.17	17.25	17.14	18	5
10	256QAM	25	12	17.01	17.16	17.04		
10	256QAM	25	25	17.11	17.13	17.07		
10	256QAM	50	0	17.09	17.18	17.03		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.69	21.79	21.59	23	0
5	QPSK	1	12	21.63	21.70	21.57		
5	QPSK	1	24	21.57	21.64	21.56		
5	QPSK	12	0	20.70	20.80	20.74	22	1
5	QPSK	12	7	20.73	20.83	20.64		
5	QPSK	12	13	20.63	20.79	20.66		
5	QPSK	25	0	20.67	20.71	20.64		
5	16QAM	1	0	20.47	20.64	20.43	22	1
5	16QAM	1	12	20.51	20.58	20.42		
5	16QAM	1	24	20.46	20.46	20.39		
5	16QAM	12	0	19.56	19.71	19.49	21	2
5	16QAM	12	7	19.45	19.64	19.49		
5	16QAM	12	13	19.48	19.59	19.54		
5	16QAM	25	0	19.42	19.59	19.47		
5	64QAM	1	0	19.56	19.57	19.42	21	2
5	64QAM	1	12	19.40	19.53	19.45		
5	64QAM	1	24	19.40	19.45	19.36		
5	64QAM	12	0	18.49	18.59	18.48	20	3
5	64QAM	12	7	18.52	18.60	18.45		
5	64QAM	12	13	18.50	18.60	18.47		
5	64QAM	25	0	18.38	18.53	18.54		
5	256QAM	1	0	17.15	17.23	17.22	18	5
5	256QAM	1	12	17.18	17.27	17.24		
5	256QAM	1	24	17.09	17.23	17.11		
5	256QAM	12	0	17.18	17.23	17.08	18	5
5	256QAM	12	7	17.04	17.18	17.13		
5	256QAM	12	13	17.13	17.17	17.06		
5	256QAM	25	0	17.17	17.22	17.04		

Band 48_FCC Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.05	20.02	19.70	19.67	23	0
20	QPSK	1	49	21.99	22.06	21.92	21.63		
20	QPSK	1	99	21.94	20.66	19.61	19.23		
20	QPSK	50	0	21.06	21.13	21.02	20.74	22	1
20	QPSK	50	24	21.02	21.10	21.00	20.69		
20	QPSK	50	50	20.98	21.06	20.94	20.62		
20	QPSK	100	0	20.93	21.14	20.97	20.68		
20	16QAM	1	0	20.87	19.11	19.03	19.00	22	1
20	16QAM	1	49	20.85	21.11	21.03	21.04		
20	16QAM	1	99	19.52	18.91	18.79	18.78		
20	16QAM	50	0	20.10	20.18	20.14	20.13	21	2
20	16QAM	50	24	20.06	20.14	20.09	20.11		
20	16QAM	50	50	20.01	20.07	19.98	19.98		
20	16QAM	100	0	20.08	20.13	20.05	20.01		
20	64QAM	1	0	18.62	18.19	18.15	18.10	21	2
20	64QAM	1	49	20.05	20.05	19.98	19.97		
20	64QAM	1	99	18.48	17.93	17.87	17.79		
20	64QAM	50	0	19.10	17.14	17.03	17.04	20	3
20	64QAM	50	24	19.03	19.15	19.11	19.11		
20	64QAM	50	50	19.07	19.10	19.02	18.99		
20	64QAM	100	0	18.98	19.20	19.11	19.15		
20	256QAM	1	0	15.47	15.07	14.98	15.00	18	5
20	256QAM	1	49	18.38	17.99	17.93	17.96		
20	256QAM	1	99	15.42	14.88	14.75	14.83		
20	256QAM	50	0	18.10	18.03	17.90	17.93	18	5
20	256QAM	50	24	18.05	18.01	17.94	17.96		
20	256QAM	50	50	17.98	18.25	18.21	18.14		
20	256QAM	100	0	18.08	18.08	17.99	18.01		
Channel				55315	55820	56140	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.97	19.90	19.55	19.59	23	0
15	QPSK	1	37	21.92	21.93	21.88	21.60		
15	QPSK	1	74	21.82	20.60	19.52	19.08		
15	QPSK	36	0	20.92	21.06	20.91	20.69	22	1
15	QPSK	36	20	20.94	20.97	20.90	20.60		
15	QPSK	36	39	20.89	20.95	20.84	20.58		
15	QPSK	75	0	20.82	21.07	20.91	20.57		
15	16QAM	1	0	20.80	18.99	18.91	18.91	22	1
15	16QAM	1	37	20.79	21.02	20.97	21.00		
15	16QAM	1	74	19.46	18.81	18.68	18.71		
15	16QAM	36	0	20.03	20.11	20.07	19.98	21	2
15	16QAM	36	20	19.93	20.04	19.98	19.99		
15	16QAM	36	39	19.92	19.97	19.92	19.90		
15	16QAM	75	0	19.95	20.05	19.98	19.88		
15	64QAM	1	0	18.51	18.10	18.07	18.06	21	2
15	64QAM	1	37	20.00	20.01	19.90	19.84		
15	64QAM	1	74	18.36	17.89	17.79	17.71		
15	64QAM	36	0	18.99	17.02	16.97	16.91	20	3
15	64QAM	36	20	18.89	19.05	18.98	19.03		
15	64QAM	36	39	19.02	19.02	18.93	18.84		
15	64QAM	75	0	18.87	19.15	19.02	19.06		
15	256QAM	1	0	15.41	14.98	14.90	14.95	18	5
15	256QAM	1	37	18.32	17.95	17.82	17.87		
15	256QAM	1	74	15.32	14.80	14.67	14.74		
15	256QAM	36	0	18.02	17.93	17.79	17.83	18	5
15	256QAM	36	20	17.93	17.92	17.84	17.82		
15	256QAM	36	39	17.93	18.15	18.08	18.02		
15	256QAM	75	0	17.99	17.94	17.93	17.90		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.01	19.93	19.57	19.61	23	0
10	QPSK	1	25	21.88	21.97	21.88	21.53		
10	QPSK	1	49	21.82	20.60	19.47	19.13		
10	QPSK	25	0	20.93	21.09	20.90	20.64	22	1
10	QPSK	25	12	20.89	20.97	20.88	20.59		
10	QPSK	25	25	20.91	21.03	20.82	20.55		
10	QPSK	50	0	20.84	21.04	20.85	20.62		
10	16QAM	1	0	20.83	19.04	18.96	18.86	22	1
10	16QAM	1	25	20.78	21.04	20.92	20.97		
10	16QAM	1	49	19.40	18.88	18.67	18.68		
10	16QAM	25	0	20.05	20.06	20.08	20.02	21	2
10	16QAM	25	12	19.96	19.99	19.96	20.08		
10	16QAM	25	25	19.96	20.02	19.83	19.87		
10	16QAM	50	0	19.98	19.98	20.04	19.89		
10	64QAM	1	0	18.96	18.11	18.10	18.06	21	2
10	64QAM	1	25	19.94	19.98	19.88	19.89		
10	64QAM	1	49	18.42	17.83	17.82	17.68		
10	64QAM	25	0	19.00	17.04	16.91	16.96	20	3
10	64QAM	25	12	18.94	19.09	19.08	19.07		
10	64QAM	25	25	19.03	19.03	18.95	18.85		
10	64QAM	50	0	18.86	19.07	19.01	19.09		
10	256QAM	1	0	15.33	15.02	14.91	14.89	18	5
10	256QAM	1	25	18.33	17.90	17.81	17.85		
10	256QAM	1	49	15.28	14.80	14.71	14.72		
10	256QAM	25	0	18.02	17.92	17.80	17.85	18	5
10	256QAM	25	12	17.91	17.94	17.82	17.89		
10	256QAM	25	25	17.84	18.19	18.08	18.05		
10	256QAM	50	0	17.94	18.05	17.88	17.93		
Channel				55265	55810	56115	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.92	19.95	19.62	19.52	23	0
5	QPSK	1	12	21.93	21.99	21.86	21.52		
5	QPSK	1	24	21.80	20.54	19.49	19.13		
5	QPSK	12	0	21.00	21.05	20.94	20.63	22	1
5	QPSK	12	7	20.94	20.97	20.87	20.58		
5	QPSK	12	13	20.85	21.03	20.91	20.48		
5	QPSK	25	0	20.83	21.05	20.86	20.61		
5	16QAM	1	0	20.79	19.00	18.91	18.91	22	1
5	16QAM	1	12	20.75	21.02	20.97	20.96		
5	16QAM	1	24	19.45	18.80	18.71	18.66		
5	16QAM	12	0	20.05	20.05	20.09	20.10	21	2
5	16QAM	12	7	19.95	20.08	19.95	19.97		
5	16QAM	12	13	19.91	20.01	19.83	19.91		
5	64QAM	25	0	20.02	19.99	19.95	19.87		
5	64QAM	1	0	18.89	18.11	18.02	18.04	21	2
5	64QAM	1	12	19.93	19.98	19.87	19.92		
5	64QAM	1	24	18.36	17.79	17.82	17.73		
5	64QAM	12	0	18.98	17.08	16.92	17.01	20	3
5	64QAM	12	7	18.90	19.11	18.98	19.01		
5	64QAM	12	13	18.99	19.06	18.94	18.89		
5	64QAM	25	0	18.88	19.09	19.02	19.09		
5	256QAM	1	0	15.42	14.96	14.84	14.87	18	5
5	256QAM	1	12	18.27	17.88	17.89	17.81		
5	256QAM	1	24	15.38	14.85	14.65	14.73		
5	256QAM	12	0	18.03	17.98	17.76	17.84	18	5
5	256QAM	12	7	17.90	17.90	17.89	17.83		
5	256QAM	12	13	17.91	18.22	18.10	18.09		
5	256QAM	25	0	17.93	17.96	17.87	17.97		

GSM1900 Ant3 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	27.65	27.72	27.60	28.50	18.65	18.72	18.60	19.50
GPRS 1 Tx slot	27.71	27.76	27.67	28.50	18.71	18.76	18.67	19.50
GPRS 2 Tx slots	23.38	23.43	23.29	23.70	17.38	17.43	17.29	17.70
GPRS 3 Tx slots	21.37	21.47	21.35	22.20	17.11	17.21	17.09	17.94
GPRS 4 Tx slots	21.79	21.89	21.78	22.60	18.79	18.89	18.78	19.60
EDGE 1 Tx slot	26.66	26.70	26.53	28.00	17.66	17.70	17.53	19.00
EDGE 2 Tx slots	24.74	24.81	24.79	25.50	18.74	18.81	18.79	19.50
EDGE 3 Tx slots	23.43	23.43	23.47	23.50	19.17	19.17	19.21	19.24
EDGE 4 Tx slots	21.55	21.61	21.42	22.50	18.55	18.61	18.42	19.50

WCDMA II Ant3 DSI2 / WCDMA IV Ant3 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	16.45	16.51	16.48	17.30	17.04	17.11	17.05	18.30
3GPP Rel 99	RMC 12.2Kbps	16.52	16.53	16.48	17.30	17.05	17.12	17.00	18.30
3GPP Rel 6	HSDPA Subtest-1	15.55	15.45	15.28	16.30	16.16	16.00	15.91	17.30
3GPP Rel 6	HSDPA Subtest-2	15.54	15.65	15.60	16.30	15.91	16.21	16.02	17.30
3GPP Rel 6	HSDPA Subtest-3	15.24	15.31	15.08	15.80	15.76	15.82	15.60	16.80
3GPP Rel 6	HSDPA Subtest-4	15.10	14.98	14.87	15.80	15.66	15.63	15.36	16.80
3GPP Rel 8	DC-HSDPA Subtest-1	15.51	15.63	15.33	16.30	16.11	16.06	15.85	17.30
3GPP Rel 8	DC-HSDPA Subtest-2	15.47	15.81	15.61	16.30	16.11	16.33	16.12	17.30
3GPP Rel 8	DC-HSDPA Subtest-3	14.73	15.04	14.84	15.80	15.40	15.59	15.51	16.80
3GPP Rel 8	DC-HSDPA Subtest-4	15.02	14.93	15.01	15.80	15.66	15.33	15.68	16.80
3GPP Rel 6	HSUPA Subtest-1	15.50	15.62	15.43	16.30	16.00	16.12	16.05	17.30
3GPP Rel 6	HSUPA Subtest-2	13.49	13.48	13.53	14.30	14.09	14.07	14.03	15.30
3GPP Rel 6	HSUPA Subtest-3	14.60	14.61	14.35	15.30	15.27	15.13	14.93	16.30
3GPP Rel 6	HSUPA Subtest-4	13.49	13.56	13.32	14.30	13.89	14.13	13.84	15.30
3GPP Rel 6	HSUPA Subtest-5	15.44	15.52	15.32	16.30	16.01	15.98	16.07	17.30

Band 2 Ant3 DIS2

BW [MHz]	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	17.15	17.20	17.10	18.5	0
20	QPSK	1	49	17.16	16.89	16.94		
20	QPSK	1	99	17.02	17.04	16.74		
20	QPSK	50	0	17.12	17.18	17.06		
20	QPSK	50	24	16.99	17.10	16.97		
20	QPSK	50	50	16.99	17.09	17.09		
20	QPSK	100	0	17.09	17.17	17.13		
20	16QAM	1	0	16.97	16.99	17.08		
20	16QAM	1	49	17.08	16.90	17.04	18.5	0
20	16QAM	1	99	17.07	17.02	16.88		
20	16QAM	50	0	17.02	17.04	16.74		
20	16QAM	50	24	16.96	17.02	16.78	18.5	0
20	16QAM	50	50	16.97	17.12	16.89		
20	16QAM	100	0	17.02	16.92	17.07		
20	64QAM	1	0	17.03	17.00	16.95		
20	64QAM	1	49	17.02	16.80	16.85	18.5	0
20	64QAM	1	99	17.04	16.98	16.75		
20	64QAM	50	0	17.11	17.03	16.90		
20	64QAM	50	24	16.85	17.00	16.94	18.5	0
20	64QAM	50	50	16.97	17.03	16.87		
20	64QAM	100	0	17.12	17.01	16.94		
20	256QAM	1	0	17.01	16.93	16.79		
20	256QAM	1	49	16.88	16.94	16.92	18.5	0
20	256QAM	1	99	16.97	17.04	16.89		
20	256QAM	50	0	17.02	16.95	16.80		
20	256QAM	50	24	16.97	17.10	16.90	18.5	0
20	256QAM	50	50	17.14	17.09	16.96		
20	256QAM	100	0	16.95	17.00	16.97		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.16	17.02	16.98	18.5	0
15	QPSK	1	37	17.04	17.12	17.06		
15	QPSK	1	74	16.98	16.96	16.87		
15	QPSK	36	0	17.10	17.08	17.05		
15	QPSK	36	20	16.89	17.01	16.94		
15	QPSK	36	39	17.06	17.05	16.96		
15	QPSK	75	0	17.01	17.10	16.97		
15	16QAM	1	0	16.94	17.12	17.00		
15	16QAM	1	37	17.10	16.94	16.95	18.5	0
15	16QAM	1	74	16.89	17.07	16.91		
15	16QAM	36	0	17.12	16.86	16.91		
15	16QAM	36	20	16.99	17.11	16.82	18.5	0
15	16QAM	36	39	16.88	17.05	16.92		
15	16QAM	75	0	16.89	17.07	17.01		
15	64QAM	1	0	17.13	16.92	16.84		
15	64QAM	1	37	17.04	16.80	16.86	18.5	0
15	64QAM	1	74	16.94	16.84	16.71		
15	64QAM	36	0	17.06	17.07	17.04		
15	64QAM	36	20	16.97	17.03	16.91	18.5	0
15	64QAM	36	39	17.01	17.01	16.74		
15	64QAM	75	0	17.05	16.86	16.94		
15	256QAM	1	0	17.13	16.86	16.82		
15	256QAM	1	37	16.88	17.00	16.90	18.5	0
15	256QAM	1	74	17.11	16.99	16.81		
15	256QAM	36	0	16.93	17.10	16.87		
15	256QAM	36	20	17.02	16.95	16.85	18.5	0
15	256QAM	36	39	17.10	17.16	16.97		
15	256QAM	75	0	16.98	17.15	16.94		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.09	17.16	17.01	18.5	0
10	QPSK	1	25	17.00	17.04	17.03		
10	QPSK	1	49	16.84	17.00	16.88		
10	QPSK	25	0	17.19	17.04	17.07		
10	QPSK	25	12	16.98	16.98	16.92	18.5	0
10	QPSK	25	25	16.88	17.01	17.06		
10	QPSK	50	0	17.10	17.15	17.14		
10	16QAM	1	0	16.96	16.89	16.92		
10	16QAM	1	25	16.93	16.99	16.91	18.5	0
10	16QAM	1	49	17.03	16.88	16.94		
10	16QAM	25	0	17.10	17.04	16.90		
10	16QAM	25	12	17.13	17.03	16.88	18.5	0
10	16QAM	25	25	17.06	16.97	16.80		
10	16QAM	50	0	16.99	17.00	17.10		
10	64QAM	1	0	17.10	16.99	16.86		
10	64QAM	1	25	16.89	16.87	16.97	18.5	0
10	64QAM	1	49	16.91	17.01	16.82		
10	64QAM	25	0	17.12	17.10	17.01		
10	64QAM	25	12	16.85	16.98	16.95	18.5	0
10	64QAM	25	25	17.04	17.05	16.75		
10	64QAM	50	0	16.93	17.06	16.95		
10	256QAM	1	0	16.95	17.05	16.80		
10	256QAM	1	25	16.90	17.12	16.88	18.5	0
10	256QAM	1	49	16.91	16.93	16.88		
10	256QAM	25	0	16.94	16.98	16.91		
10	256QAM	25	12	16.89	17.07	16.77	18.5	0
10	256QAM	25	25	16.99	16.91	16.93		
10	256QAM	50	0	16.95	17.03	16.92		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.14	17.19	17.07	18.5	0
5	QPSK	1	12	17.11	16.97	16.93		
5	QPSK	1	24	17.01	16.86	16.91		
5	QPSK	12	0	17.11	17.02	17.16	18.5	0
5	QPSK	12	7	16.89	17.08	16.99		
5	QPSK	12	13	17.02	16.90	17.12		
5	QPSK	25	0	16.91	16.95	17.00		
5	16QAM	1	0	16.91	17.04	16.93	18.5	0
5	16QAM	1	12	17.08	16.89	16.95		
5	16QAM	1	24	16.88	17.05	16.98		
5	16QAM	12	0	17.12	16.94	16.81	18.5	0
5	16QAM	12	7	17.02	17.15	16.79		
5	16QAM	12	13	17.01	17.01	16.81		
5	16QAM	25	0	17.05	16.91	17.14		
5	64QAM	1	0	17.00	16.88	16.92	18.5	0
5	64QAM	1	12	17.01	16.93	16.88		
5	64QAM	1	24	17.01	16.95	16.84		
5	64QAM	12	0	17.01	17.07	16.92		
5	64QAM	12	7	16.94	17.00	16.95	18.5	0
5	64QAM	12	13	17.10	16.96	16.97		
5	64QAM	25	0	16.97	16.87	16.98		
5	256QAM	1	0	16.96	16.88	16.88		
5	256QAM	1	12	16.90	17.07	16.95	18.5	0
5	256QAM	1	24	17.04	16.95	16.83		
5	256QAM	12	0	17.07	17.08	16.81		
5	256QAM	12	7	17.06	16.99	16.90	18.5	0
5	256QAM	12	13	17.07	17.04	17.01		
5	256QAM	25	0	16.88	17.19	17.02		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.04	17.06	17.05	18.5	0
3	QPSK	1	8	17.07	16.93	17.05		
3	QPSK	1	14	16.92	16.90	16.86		
3	QPSK	8	0	17.13	17.07	17.00		
3	QPSK	8	4	17.01	17.01	16.98	18.5	0
3	QPSK	8	7	16.96	17.10	16.97		
3	QPSK	15	0	16.97	17.07	16.99		
3	16QAM	1	0	16.98	16.89	17.06		
3	16QAM	1	8	17.04	17.10	17.06	18.5	0
3	16QAM	1	14	17.07	17.17	16.87		
3	16QAM	8	0	17.11	16.87	16.91		
3	16QAM	8	4	16.97	17.18	16.83	18.5	0
3	16QAM	8	7	17.05	17.01	16.73		
3	16QAM	15	0	16.96	16.99	16.99		
3	64QAM	1	0	17.06	16.87	16.83		
3	64QAM	1	8	16.90	16.86	16.93	18.5	0
3	64QAM	1	14	16.94	16.95	16.75		
3	64QAM	8	0	16.94	17.08	16.94		
3	64QAM	8	4	16.87	17.00	16.85	18.5	0
3	64QAM	8	7	16.91	17.04	16.85		
3	64QAM	15	0	17.12	16.99	17.00		
3	256QAM	1	0	17.09	17.08	16.91		
3	256QAM	1	8	17.05	16.99	16.89	18.5	0
3	256QAM	1	14	16.98	16.86	16.97		
3	256QAM	8	0	17.02	17.13	16.91		
3	256QAM	8	4	16.92	17.08	16.95	18.5	0
3	256QAM	8	7	17.07	16.88	17.01		
3	256QAM	15	0	16.88	17.05	16.92		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.11	17.01	16.95	18.5	0
1.4	QPSK	1	3	17.18	16.93	17.03		
1.4	QPSK	1	5	16.86	17.04	16.83		
1.4	QPSK	3	0	17.01	17.15	17.16		
1.4	QPSK	3	1	16.98	17.10	16.99		
1.4	QPSK	3	3	17.15	16.99	17.12		
1.4	QPSK	6	0	16.92	17.05	16.99	18.5	0
1.4	16QAM	1	0	16.83	17.12	17.04	18.5	0
1.4	16QAM	1	3	16.97	16.88	17.07		
1.4	16QAM	1	5	16.96	17.11	17.04		
1.4	16QAM	3	0	16.97	16.89	16.83		
1.4	16QAM	3	1	17.10	17.13	16.95		
1.4	16QAM	3	3	17.01	17.11	16.93		
1.4	16QAM	6	0	16.98	17.04	17.13	18.5	0
1.4	64QAM	1	0	17.02	16.95	16.96	18.5	0
1.4	64QAM	1	3	16.91	16.87	16.86		
1.4	64QAM	1	5	17.07	17.00	16.86		
1.4	64QAM	3	0	17.13	17.18	16.86		
1.4	64QAM	3	1	16.86	16.98	16.87		
1.4	64QAM	3	3	17.11	17.03	16.74		
1.4	64QAM	6	0	16.97	17.01	16.96	18.5	0
1.4	256QAM	1	0	17.08	16.89	16.77	18.5	0
1.4	256QAM	1	3	16.89	16.96	16.96		
1.4	256QAM	1	5	16.91	16.84	16.90		
1.4	256QAM	3	0	16.97	17.15	16.85		
1.4	256QAM	3	1	16.89	16.93	16.75		
1.4	256QAM	3	3	17.13	17.09	17.04		
1.4	256QAM	6	0	16.82	17.00	17.03	18.5	0

Band 4 Ant3 DIS2

BW [MHz]	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	16.21	16.25	16.22	17.9	0
20	QPSK	1	49	16.00	16.03	15.93		
20	QPSK	1	99	15.91	15.98	15.91		
20	QPSK	50	0	16.08	16.23	16.16		
20	QPSK	50	24	16.00	16.07	15.94		
20	QPSK	50	50	16.11	15.97	16.07		
20	QPSK	100	0	16.16	16.18	16.12		
20	16QAM	1	0	15.99	16.04	15.97		
20	16QAM	1	49	15.92	16.02	16.11	17.9	0
20	16QAM	1	99	15.98	16.01	15.96		
20	16QAM	50	0	16.04	15.98	15.91		
20	16QAM	50	24	16.12	15.99	15.95	17.9	0
20	16QAM	50	50	16.13	16.16	15.98		
20	16QAM	100	0	16.05	16.00	16.04		
20	64QAM	1	0	16.06	15.98	15.98		
20	64QAM	1	49	15.90	15.91	15.92	17.9	0
20	64QAM	1	99	16.01	15.92	15.98		
20	64QAM	50	0	15.99	16.08	15.99		
20	64QAM	50	24	16.15	16.14	15.95	17.9	0
20	64QAM	50	50	15.92	15.98	15.97		
20	64QAM	100	0	16.00	15.93	16.05		
20	256QAM	1	0	16.05	16.02	15.99		
20	256QAM	1	49	15.92	15.98	15.96	17.9	0
20	256QAM	1	99	16.10	16.00	15.97		
20	256QAM	50	0	16.07	16.09	16.12		
20	256QAM	50	24	16.11	16.15	15.95	17.9	0
20	256QAM	50	50	15.98	16.14	15.96		
20	256QAM	100	0	15.92	16.21	15.90		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.14	16.19	15.98	17.9	0
15	QPSK	1	37	16.23	15.97	15.93		
15	QPSK	1	74	16.04	15.90	16.15		
15	QPSK	36	0	16.02	16.18	16.03		
15	QPSK	36	20	15.95	16.13	16.04	17.9	0
15	QPSK	36	39	16.20	16.11	16.00		
15	QPSK	75	0	16.05	15.98	15.94		
15	16QAM	1	0	16.03	15.94	15.97		
15	16QAM	1	37	16.01	16.04	15.97	17.9	0
15	16QAM	1	74	16.02	16.08	15.97		
15	16QAM	36	0	16.07	15.96	16.03		
15	16QAM	36	20	16.11	16.23	16.07	17.9	0
15	16QAM	36	39	15.92	15.99	16.16		
15	16QAM	75	0	16.09	16.12	16.15		
15	64QAM	1	0	16.14	15.91	15.95	17.9	0
15	64QAM	1	37	15.95	15.92	16.03		
15	64QAM	1	74	15.99	16.07	15.96		
15	64QAM	36	0	15.95	16.07	16.01		
15	64QAM	36	20	16.08	16.13	15.95	17.9	0
15	64QAM	36	39	15.96	16.00	15.92		
15	64QAM	75	0	16.18	16.08	15.94		
15	256QAM	1	0	15.98	15.94	16.09		
15	256QAM	1	37	16.06	16.08	15.96	17.9	0
15	256QAM	1	74	15.98	16.04	15.98		
15	256QAM	36	0	16.05	16.05	16.11		
15	256QAM	36	20	16.03	16.17	15.97	17.9	0
15	256QAM	36	39	16.16	15.99	15.92		
15	256QAM	75	0	16.09	16.22	16.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.11	16.12	15.99	17.9	0
10	QPSK	1	25	16.08	15.99	16.06		
10	QPSK	1	49	16.08	16.01	16.17		
10	QPSK	25	0	15.99	16.16	16.09		
10	QPSK	25	12	15.99	16.00	15.98	17.9	0
10	QPSK	25	25	16.03	15.95	15.95		
10	QPSK	50	0	16.03	16.08	16.00		
10	16QAM	1	0	15.98	15.94	16.15		
10	16QAM	1	25	16.00	16.12	16.11	17.9	0
10	16QAM	1	49	15.99	15.96	15.90		
10	16QAM	25	0	16.05	16.08	15.93		
10	16QAM	25	12	16.17	16.22	16.02	17.9	0
10	16QAM	25	25	16.01	16.02	16.13		
10	16QAM	50	0	16.17	16.05	16.11		
10	64QAM	1	0	16.17	15.91	15.97		
10	64QAM	1	25	16.16	16.09	15.94	17.9	0
10	64QAM	1	49	16.10	15.97	15.92		
10	64QAM	25	0	16.07	16.21	15.95		
10	64QAM	25	12	15.97	16.18	16.11	17.9	0
10	64QAM	25	25	16.05	16.10	15.96		
10	64QAM	50	0	16.13	16.13	15.99		
10	256QAM	1	0	16.02	16.06	15.93		
10	256QAM	1	25	16.09	15.99	16.09	17.9	0
10	256QAM	1	49	15.98	15.92	15.99		
10	256QAM	25	0	15.96	16.15	15.93		
10	256QAM	25	12	15.97	16.16	16.15	17.9	0
10	256QAM	25	25	16.15	16.05	16.11		
10	256QAM	50	0	16.08	16.17	15.98		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.15	16.18	16.17	17.9	0
5	QPSK	1	12	16.06	16.07	16.12		
5	QPSK	1	24	15.90	15.98	16.16		
5	QPSK	12	0	16.11	16.08	16.11		
5	QPSK	12	7	15.99	16.01	15.96	17.9	0
5	QPSK	12	13	15.99	16.07	15.96		
5	QPSK	25	0	16.02	16.03	16.06		
5	16QAM	1	0	16.13	15.93	16.09		
5	16QAM	1	12	16.12	16.10	16.05	17.9	0
5	16QAM	1	24	16.05	16.08	15.96		
5	16QAM	12	0	15.96	15.96	15.94		
5	16QAM	12	7	16.08	16.01	15.91	17.9	0
5	16QAM	12	13	16.07	15.99	15.96		
5	16QAM	25	0	16.11	16.14	16.13		
5	64QAM	1	0	16.08	16.03	15.93		
5	64QAM	1	12	15.92	16.02	16.04	17.9	0
5	64QAM	1	24	15.99	16.01	16.11		
5	64QAM	12	0	16.04	16.10	15.97		
5	64QAM	12	7	15.94	16.17	16.00	17.9	0
5	64QAM	12	13	15.97	16.09	15.97		
5	64QAM	25	0	16.15	16.12	16.07		
5	256QAM	1	0	16.17	16.06	15.93		
5	256QAM	1	12	16.04	16.09	16.07	17.9	0
5	256QAM	1	24	16.02	16.02	15.90		
5	256QAM	12	0	15.94	16.04	15.99		
5	256QAM	12	7	15.92	16.09	15.92	17.9	0
5	256QAM	12	13	16.07	15.97	15.90		
5	256QAM	25	0	15.95	16.21	16.09		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.17	16.07	16.15	17.9	0
3	QPSK	1	8	16.08	16.14	16.02		
3	QPSK	1	14	15.95	16.02	16.16		
3	QPSK	8	0	16.13	16.16	16.05		
3	QPSK	8	4	16.06	15.98	16.17	17.9	0
3	QPSK	8	7	15.99	16.13	16.04		
3	QPSK	15	0	16.00	16.09	16.08		
3	16QAM	1	0	16.01	15.98	15.96		
3	16QAM	1	8	16.14	16.06	16.00	17.9	0
3	16QAM	1	14	15.97	16.19	16.05		
3	16QAM	8	0	15.96	16.02	16.15		
3	16QAM	8	4	15.98	16.05	16.17	17.9	0
3	16QAM	8	7	16.03	16.03	16.22		
3	16QAM	15	0	15.92	16.14	16.08		
3	64QAM	1	0	16.10	15.97	16.17		
3	64QAM	1	8	15.93	15.93	16.09	17.9	0
3	64QAM	1	14	16.10	16.15	15.93		
3	64QAM	8	0	16.09	16.05	16.00		
3	64QAM	8	4	15.92	16.20	16.13	17.9	0
3	64QAM	8	7	16.11	16.12	15.98		
3	64QAM	15	0	16.17	16.03	15.95		
3	256QAM	1	0	16.05	16.03	16.17		
3	256QAM	1	8	15.99	16.08	16.12	17.9	0
3	256QAM	1	14	16.05	15.92	15.97		
3	256QAM	8	0	15.90	16.12	16.08		
3	256QAM	8	4	16.10	16.05	16.13	17.9	0
3	256QAM	8	7	16.20	16.11	16.05		
3	256QAM	15	0	15.98	16.06	16.11		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.09	16.22	16.02	17.9	0
1.4	QPSK	1	3	16.08	15.92	15.96		
1.4	QPSK	1	5	15.97	16.05	16.10		
1.4	QPSK	3	0	16.20	16.19	16.08		
1.4	QPSK	3	1	16.02	15.97	16.18		
1.4	QPSK	3	3	16.06	16.06	15.97		
1.4	QPSK	6	0	16.12	16.20	16.06	17.9	0
1.4	16QAM	1	0	16.05	15.97	16.01	17.9	0
1.4	16QAM	1	3	16.17	16.14	16.08		
1.4	16QAM	1	5	16.10	16.02	16.06		
1.4	16QAM	3	0	16.03	16.02	16.11		
1.4	16QAM	3	1	16.07	16.10	16.03		
1.4	16QAM	3	3	15.99	16.15	16.00		
1.4	16QAM	6	0	16.09	15.93	16.16	17.9	0
1.4	64QAM	1	0	16.02	15.97	16.18	17.9	0
1.4	64QAM	1	3	16.09	15.95	16.03		
1.4	64QAM	1	5	16.16	15.99	16.21		
1.4	64QAM	3	0	16.08	16.18	16.02		
1.4	64QAM	3	1	15.93	16.16	16.09		
1.4	64QAM	3	3	16.10	16.10	16.14		
1.4	64QAM	6	0	15.96	16.11	16.06	17.9	0
1.4	256QAM	1	0	16.11	15.92	16.20	17.9	0
1.4	256QAM	1	3	16.02	16.19	16.04		
1.4	256QAM	1	5	16.16	16.09	16.03		
1.4	256QAM	3	0	15.92	16.02	16.02		
1.4	256QAM	3	1	16.09	16.10	15.94		
1.4	256QAM	3	3	16.10	16.03	15.93		
1.4	256QAM	6	0	16.01	16.13	15.94	17.9	0

Band 7 Ant3 DIS2

BW [MHz]	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	14.61	14.76	14.69	16.3	0
20	QPSK	1	49	14.64	14.49	14.60		
20	QPSK	1	99	14.36	14.50	14.44		
20	QPSK	50	0	14.54	14.73	14.49		
20	QPSK	50	24	14.51	14.47	14.48		
20	QPSK	50	50	14.63	14.56	14.63		
20	QPSK	100	0	14.45	14.60	14.58		
20	16QAM	1	0	14.45	14.48	14.55		
20	16QAM	1	49	14.57	14.49	14.46	16.3	0
20	16QAM	1	99	14.46	14.44	14.42		
20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132222	132372		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.53	16.55	16.44		
20	QPSK	1	49	16.27	16.36	16.25	17.9	0
20	QPSK	1	99	16.31	16.28	16.11		
20	QPSK	50	0	16.44	16.49	16.38		
20	QPSK	50	24	16.36	16.35	16.30	17.9	0
20	QPSK	50	50	16.28	16.21	16.44		
20	QPSK	100	0	16.43	16.45	16.34		
20	16QAM	1	0	16.18	16.20	16.42		
20	16QAM	1	49	16.24	16.25	16.25	17.9	0
20	16QAM	1	99	16.32	16.44	16.16		
20	16QAM	50	0	16.32	16.31	16.13		
20	16QAM	50	24	16.21	16.32	16.06	17.9	0
20	16QAM	50	50	16.22	16.44	16.23		
20	16QAM	100	0	16.23	16.22	16.25		
20	64QAM	1	0	16.44	16.35	16.18		
20	64QAM	1	49	16.37	16.28	16.29	17.9	0
20	64QAM	1	99	16.44	16.34	16.02		
20	64QAM	50	0	16.39	16.35	16.26		
20	64QAM	50	24	16.29	16.44	16.22	17.9	0
20	64QAM	50	50	16.38	16.24	16.13		
20	64QAM	100	0	16.42	16.36	16.29		
20	256QAM	1	0	16.32	16.26	16.12		
20	256QAM	1	49	16.36	16.37	16.06	17.9	0
20	256QAM	1	99	16.33	16.24	16.16		
20	256QAM	50	0	16.17	16.34	16.17		
20	256QAM	50	24	16.28	16.39	16.23	17.9	0
20	256QAM	50	50	16.32	16.39	16.20		
20	256QAM	100	0	16.19	16.43	16.37		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.40	16.39	16.40		
15	QPSK	1	37	16.32	16.34	16.42	17.9	0
15	QPSK	1	74	16.26	16.26	16.19		
15	QPSK	36	0	16.44	16.49	16.27		
15	QPSK	36	20	16.25	16.43	16.29	17.9	0
15	QPSK	36	39	16.33	16.20	16.38		
15	QPSK	75	0	16.39	16.48	16.34		
15	16QAM	1	0	16.25	16.22	16.33		
15	16QAM	1	37	16.40	16.22	16.43	17.9	0
15	16QAM	1	74	16.23	16.45	16.20		
15	16QAM	36	0	16.43	16.29	16.09		
15	16QAM	36	20	16.44	16.42	16.18	17.9	0
15	16QAM	36	39	16.23	16.25	16.27		
15	16QAM	75	0	16.29	16.35	16.42		
15	64QAM	1	0	16.36	16.29	16.07		
15	64QAM	1	37	16.18	16.16	16.14	17.9	0
15	64QAM	1	74	16.23	16.13	16.04		
15	64QAM	36	0	16.36	16.34	16.22		
15	64QAM	36	20	16.16	16.48	16.26	17.9	0
15	64QAM	36	39	16.40	16.30	16.23		
15	64QAM	75	0	16.40	16.16	16.15		
15	256QAM	1	0	16.26	16.21	16.05		
15	256QAM	1	37	16.29	16.42	16.27	17.9	0
15	256QAM	1	74	16.40	16.23	16.25		
15	256QAM	36	0	16.27	16.26	16.13		
15	256QAM	36	20	16.25	16.36	16.13	17.9	0
15	256QAM	36	39	16.52	16.39	16.35		
15	256QAM	75	0	16.26	16.34	16.28		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.51	16.41	16.38		
10	QPSK	1	25	16.34	16.31	16.37	17.9	0
10	QPSK	1	49	16.32	16.31	16.16		
10	QPSK	25	0	16.43	16.45	16.30		
10	QPSK	25	12	16.33	16.43	16.43	17.9	0
10	QPSK	25	25	16.32	16.25	16.40		
10	QPSK	50	0	16.40	16.28	16.36		
10	16QAM	1	0	16.18	16.24	16.39		
10	16QAM	1	25	16.46	16.41	16.25	17.9	0
10	16QAM	1	49	16.16	16.26	16.29		
10	16QAM	25	0	16.23	16.11	16.00		
10	16QAM	25	12	16.21	16.34	16.27	17.9	0
10	16QAM	25	25	16.19	16.40	16.04		
10	16QAM	50	0	16.38	16.24	16.36		
10	64QAM	1	0	16.24	16.18	16.12		
10	64QAM	1	25	16.23	16.20	16.14	17.9	0
10	64QAM	1	49	16.40	16.14	16.21		
10	64QAM	25	0	16.39	16.26	16.19		
10	64QAM	25	12	16.28	16.34	16.27	17.9	0
10	64QAM	25	25	16.30	16.24	16.11		
10	64QAM	50	0	16.36	16.29	16.19		
10	256QAM	1	0	16.44	16.17	16.25		
10	256QAM	1	25	16.35	16.27	16.14	17.9	0
10	256QAM	1	49	16.33	16.34	16.29		
10	256QAM	25	0	16.22	16.38	16.18		
10	256QAM	25	12	16.19	16.46	16.13	17.9	0
10	256QAM	25	25	16.50	16.39	16.25		
10	256QAM	50	0	16.27	16.43	16.32		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.32	16.38	16.31		
5	QPSK	1	12	16.33	16.29	16.31	17.9	0
5	QPSK	1	24	16.26	16.24	16.17		
5	QPSK	12	0	16.43	16.49	16.39		
5	QPSK	12	7	16.21	16.29	16.24	17.9	0
5	QPSK	12	13	16.47	16.37	16.31		
5	QPSK	25	0	16.26	16.26	16.26		
5	16QAM	1	0	16.24	16.36	16.27		
5	16QAM	1	12	16.31	16.41	16.30	17.9	0
5	16QAM	1	24	16.27	16.29	16.28		
5	16QAM	12	0	16.46	16.11	16.02		
5	16QAM	12	7	16.32	16.27	16.12	17.9	0
5	16QAM	12	13	16.29	16.30	16.19		
5	16QAM	25	0	16.20	16.36	16.31		
5	64QAM	1	0	16.23	16.35	16.08		
5	64QAM	1	12	16.26	16.24	16.14	17.9	0
5	64QAM	1	24	16.23	16.13	16.21		
5	64QAM	12	0	16.33	16.40	16.25		
5	64QAM	12	7	16.12	16.47	16.18	17.9	0
5	64QAM	12	13	16.34	16.22	16.08		
5	64QAM	25	0	16.44	16.35	16.19		
5	256QAM	1	0	16.29	16.28	16.22		
5	256QAM	1	12	16.37	16.44	16.29	17.9	0
5	256QAM	1	24	16.43	16.14	16.18		
5	256QAM	12	0	16.34	16.26	16.27		
5	256QAM	12	7	16.40	16.29	16.22	17.9	0
5	256QAM	12	13	16.51	16.28	16.30		
5	256QAM	25	0	16.13	16.48	16.27		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.45	16.43	16.21		
3	QPSK	1	8	16.41	16.36	16.31	17.9	0
3	QPSK	1	14	16.26	16.35	16.14		
3	QPSK	8	0	16.42	16.43	16.39		
3	QPSK	8	4	16.29	16.23	16.30	17.9	0
3	QPSK	8	7	16.38	16.31	16.40		
3	QPSK	15	0	16.33	16.32	16.37		
3	16QAM	1	0	16.20	16.26	16.41		
3	16QAM	1	8	16.36	16.25	16.23	17.9	0
3	16QAM	1	14	16.24	16.29	16.34		
3	16QAM	8	0	16.44	16.33	16.10		
3	16QAM	8	4	16.34	16.28	16.23	17.9	0
3	16QAM	8	7	16.31	16.34	16.23		
3	16QAM	15	0	16.40	16.26	16.35		
3	64QAM	1	0	16.42	16.16	16.09		
3	64QAM	1	8	16.23	16.22	16.18	17.9	0
3	64QAM	1	14	16.25	16.25	16.00		
3	64QAM	8	0	16.23	16.31	16.22		
3	64QAM	8	4	16.27	16.31	16.09	17.9	0
3	64QAM	8	7	16.29	16.43	16.23		
3	64QAM	15	0	16.41	16.35	16.13		
3	256QAM	1	0	16.48	16.28	16.21		
3	256QAM	1	8	16.16	16.29	16.24	17.9	0
3	256QAM	1	14	16.37	16.20	16.26		
3	256QAM	8	0	16.22	16.25	16.19		
3	256QAM	8	4	16.21	16.33	16.14	17.9	0
3	256QAM	8	7	16.52	16.21	16.35		
3	256QAM	15	0	16.27	16.43	16.26		
Channel				131972	132222	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.30	16.40	16.27		
1.4	QPSK	1	3	16.50	16.42	16.27		
1.4	QPSK	1	5	16.20	16.34	16.13	17.9	0
1.4	QPSK	3	0	16.49	16.47	16.24		
1.4	QPSK	3	1	16.23	16.32	16.40		
1.4	QPSK	3	3	16.38	16.22	16.28		
1.4	QPSK	6	0	16.26	16.27	16.32	17.9	0
1.4	16QAM	1	0	16.25	16.26	16.36		
1.4	16QAM	1	3	16.40	16.31	16.29		
1.4	16QAM	1	5	16.27	16.31	16.17	17.9	0
1.4	16QAM	3	0	16.42	16.24	16.17		
1.4	16QAM	3	1	16.25	16.42	16.15		
1.4	16QAM	3	3	16.23	16.27	16.05		
1.4	16QAM	6	0	16.38	16.22	16.27	17.9	0
1.4	64QAM	1	0	16.24	16.33	16.15		
1.4	64QAM	1	3	16.28	16.31	16.17		
1.4	64QAM	1	5	16.32	16.34	16.15	17.9	0
1.4	64QAM	3	0	16.30	16.29	16.15		
1.4	64QAM	3	1	16.22	16.30	16.07		
1.4	64QAM	3	3	16.43	16.32	16.27		
1.4	64QAM	6	0	16.44	16.19	16.29	17.9	0
1.4	256QAM	1	0	16.42	16.19	16.09		
1.4	256QAM	1	3	16.27	16.41	16.13		
1.4	256QAM	1	5	16.40	16.30	16.23	17.9	0
1.4	256QAM	3	0	16.37	16.31	16.11		
1.4	256QAM	3	1	16.32	16.28	16.09		
1.4	256QAM	3	3	16.42	16.33	16.23		
1.4	256QAM	6	0	16.32	16.53	16.40	17.9	0

Band 38 Ant3 DIS2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.15	17.18	17.13	18.3	0
20	QPSK	1	49	17.08	17.12	17.11		
20	QPSK	1	99	16.93	17.08	17.13		
20	QPSK	50	0	17.13	17.15	17.11	18.3	0
20	QPSK	50	24	17.14	17.14	17.09		
20	QPSK	50	50	17.00	17.11	17.02		
20	QPSK	100	0	17.06	17.11	17.07		
20	16QAM	1	0	17.11	17.04	17.12	18.3	0
20	16QAM	1	49	16.98	17.17	16.96		
20	16QAM	1	99	17.11	16.99	17.00		
20	16QAM	50	0	17.04	16.98	17.07	18.3	0
20	16QAM	50	24	16.95	17.01	16.99		
20	16QAM	50	50	17.04	17.08	17.12		
20	16QAM	100	0	17.06	16.98	16.98		
20	64QAM	1	0	17.01	17.06	16.93	18.3	0
20	64QAM	1	49	17.13	17.06	17.15		
20	64QAM	1	99	17.02	17.12	16.96		
20	64QAM	50	0	16.93	17.12	16.98	18.3	0
20	64QAM	50	24	16.97	16.99	16.98		
20	64QAM	50	50	16.99	16.96	16.92		
20	64QAM	100	0	16.95	16.99	17.12		
20	256QAM	1	0	17.05	17.13	17.02	18.3	0
20	256QAM	1	49	17.08	16.96	16.94		
20	256QAM	1	99	17.12	17.09	16.99		
20	256QAM	50	0	17.06	17.14	17.08	18.3	0
20	256QAM	50	24	17.09	17.12	17.13		
20	256QAM	50	50	17.07	17.12	17.04		
20	256QAM	100	0	16.98	17.12	17.05		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.08	16.97	17.08	18.3	0
15	QPSK	1	37	16.87	17.02	16.98		
15	QPSK	1	74	16.86	16.99	16.92		
15	QPSK	36	0	17.07	16.99	16.97	18.3	0
15	QPSK	36	20	16.98	17.05	17.04		
15	QPSK	36	39	16.87	17.02	16.96		
15	QPSK	75	0	16.89	17.07	17.08		
15	16QAM	1	0	17.02	16.83	17.06	18.3	0
15	16QAM	1	37	16.87	17.06	16.84		
15	16QAM	1	74	16.91	16.84	16.85		
15	16QAM	36	0	16.91	16.98	16.91	18.3	0
15	16QAM	36	20	16.80	16.91	16.84		
15	16QAM	36	39	16.92	17.08	16.90		
15	16QAM	75	0	16.93	16.88	16.88		
15	64QAM	1	0	17.01	17.06	16.86	18.3	0
15	64QAM	1	37	17.02	16.89	16.96		
15	64QAM	1	74	16.85	16.97	16.84		
15	64QAM	36	0	16.88	16.93	16.99	18.3	0
15	64QAM	36	20	16.88	16.94	16.97		
15	64QAM	36	39	16.93	16.84	16.75		
15	64QAM	75	0	16.93	16.96	17.08		
15	256QAM	1	0	16.89	16.97	16.95	18.3	0
15	256QAM	1	37	17.02	16.91	16.96		
15	256QAM	1	74	17.02	16.96	16.95		
15	256QAM	36	0	16.85	17.02	17.04	18.3	0
15	256QAM	36	20	16.90	16.97	17.05		
15	256QAM	36	39	16.94	16.93	16.97		
15	256QAM	75	0	16.95	16.97	16.87		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.01	17.11	17.07	18.3	0
10	QPSK	1	25	17.01	16.93	17.00		
10	QPSK	1	49	16.92	16.96	17.14		
10	QPSK	25	0	17.07	16.98	16.92	18.3	0
10	QPSK	25	12	17.14	16.96	16.89		
10	QPSK	25	25	17.01	16.97	16.99		
10	QPSK	50	0	17.03	16.91	16.88		
10	16QAM	1	0	16.97	16.92	17.14	18.3	0
10	16QAM	1	25	16.97	17.17	16.74		
10	16QAM	1	49	16.95	16.94	16.79		
10	16QAM	25	0	16.89	16.98	17.06	18.3	0
10	16QAM	25	12	16.81	16.91	16.93		
10	16QAM	25	25	16.91	17.05	17.08		
10	16QAM	50	0	16.85	16.91	16.83		
10	64QAM	1	0	16.99	16.99	16.93	18.3	0
10	64QAM	1	25	16.93	16.90	17.01		
10	64QAM	1	49	16.85	17.03	16.81		
10	64QAM	25	0	16.94	17.11	16.81	18.3	0
10	64QAM	25	12	16.92	16.96	16.91		
10	64QAM	25	25	16.80	16.93	16.84		
10	64QAM	50	0	16.77	16.84	17.00		
10	256QAM	1	0	17.01	16.98	16.92	18.3	0
10	256QAM	1	25	16.94	16.89	16.76		
10	256QAM	1	49	17.11	16.97	16.97		
10	256QAM	25	0	17.06	17.10	16.93	18.3	0
10	256QAM	25	12	16.96	17.01	17.09		
10	256QAM	25	25	16.93	16.90	16.91		
10	256QAM	50	0	16.92	17.04	17.05		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.03	17.06	17.05	18.3	0
5	QPSK	1	12	17.07	17.11	16.98		
5	QPSK	1	24	16.90	17.00	16.93		
5	QPSK	12	0	17.11	17.13	17.10	18.3	0
5	QPSK	12	7	17.07	17.10	17.06		
5	QPSK	12	13	16.97	16.97	16.81		
5	QPSK	25	0	17.06	16.97	17.09		
5	16QAM	1	0	17.11	17.01	17.09	18.3	0
5	16QAM	1	12	16.84	17.11	16.86		
5	16QAM	1	24	16.93	16.82	16.89		
5	16QAM	12	0	17.02	16.86	17.01	18.3	0
5	16QAM	12	7	16.96	16.95	16.83		
5	16QAM	12	13	16.86	17.05	17.03		
5	16QAM	25	0	17.06	16.85	16.84		
5	64QAM	1	0	16.82	16.86	16.77	18.3	0
5	64QAM	1	12	17.11	17.07	17.00		
5	64QAM	1	24	16.84	17.03	16.98		
5	64QAM	12	0	16.86	16.95	16.83	18.3	0
5	64QAM	12	7	16.86	16.87	16.87		
5	64QAM	12	13	16.89	16.77	16.94		
5	64QAM	25	0	16.97	16.94	16.99		
5	256QAM	1	0	16.86	17.10	16.97	18.3	0
5	256QAM	1	12	16.86	16.77	16.73		
5	256QAM	1	24	17.00	16.94	16.83		
5	256QAM	12	0	16.88	17.15	16.95	18.3	0
5	256QAM	12	7	16.91	16.98	16.95		
5	256QAM	12	13	16.99	16.94	17.01		
5	256QAM	25	0	16.79	16.97	16.93		

Band 41 Ant3 DIS2

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	17.00	17.12	17.31	17.16	17.11	18.3	0
20	QPSK	1	49	16.90	17.06	17.21	17.05	17.12		
20	QPSK	1	99	16.81	17.13	17.23	17.01	17.03		
20	QPSK	50	0	17.14	16.92	17.29	17.03	16.95	18.3	0
20	QPSK	50	24	16.83	17.13	17.27	17.03	17.05		
20	QPSK	50	50	16.96	16.94	17.22	17.02	17.00		
20	QPSK	100	0	17.14	17.19	17.25	17.10	17.02		
20	16QAM	1	0	16.82	16.92	17.21	17.09	17.09	18.3	0
20	16QAM	1	49	16.80	17.06	17.13	16.96	17.00		
20	16QAM	1	99	16.98	16.98	17.25	17.05	16.92		
20	16QAM	50	0	17.00	16.98	17.25	17.09	17.04	18.3	0
20	16QAM	50	24	16.90	17.01	17.27	17.14	17.01		
20	16QAM	50	50	16.98	17.00	17.11	16.99	16.91		
20	16QAM	100	0	16.95	16.93	17.28	17.02	17.03		
20	64QAM	1	0	16.96	16.90	17.18	17.15	16.92	18.3	0
20	64QAM	1	49	16.83	17.09	17.28	17.02	16.95		
20	64QAM	1	99	16.79	17.06	17.21	17.14	16.95		
20	64QAM	50	0	16.93	16.90	17.29	17.08	16.90	18.3	0
20	64QAM	50	24	16.84	16.97	17.28	17.02	17.08		
20	64QAM	50	50	16.98	17.05	17.21	17.09	17.08		
20	64QAM	100	0	17.00	16.92	17.12	16.97	16.98		
20	256QAM	1	0	16.82	16.91	17.19	17.17	16.90	18.3	0
20	256QAM	1	49	17.02	17.03	17.23	17.05	16.99		
20	256QAM	1	99	16.91	17.05	17.27	17.14	17.02		
20	256QAM	50	0	16.93	17.08	17.14	17.11	16.93	18.3	0
20	256QAM	50	24	16.91	17.04	17.13	17.09	17.02		
20	256QAM	50	50	16.96	16.98	17.23	16.95	17.11		
20	256QAM	100	0	16.87	17.13	17.26	17.03	17.02		
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	16.97	16.94	17.11	17.04	17.06	18	0
15	QPSK	1	37	16.75	16.99	17.02	17.05	17.12		
15	QPSK	1	74	16.79	17.05	17.18	17.02	16.92		
15	QPSK	36	0	17.00	17.04	17.29	17.10	17.09	18.3	0
15	QPSK	36	20	17.05	17.12	17.21	17.01	17.13		
15	QPSK	36	39	17.02	17.10	17.01	16.99	17.13		
15	QPSK	75	0	17.02	17.11	17.08	16.88	16.94		
15	16QAM	1	0	17.00	16.87	17.17	16.98	16.99	18.3	0
15	16QAM	1	37	16.96	16.89	17.01	16.98	16.96		
15	16QAM	1	74	16.98	16.89	17.23	16.98	17.02		
15	16QAM	36	0	16.97	16.97	17.24	17.00	16.95	18.3	0
15	16QAM	36	20	17.05	16.95	17.17	17.09	16.97		
15	16QAM	36	39	16.93	16.91	17.04	16.84	16.88		
15	16QAM	75	0	16.75	16.73	17.19	17.02	17.01		
15	64QAM	1	0	16.92	16.92	17.01	17.05	16.77	18.3	0
15	64QAM	1	37	16.72	17.10	17.08	16.84	16.89		
15	64QAM	1	74	16.76	16.85	17.05	16.98	16.92		
15	64QAM	36	0	16.94	16.86	17.09	17.09	16.89	18.3	0
15	64QAM	36	20	17.14	16.95	17.22	17.03	17.01		
15	64QAM	36	39	16.81	16.90	17.08	16.89	16.88		
15	64QAM	75	0	16.88	16.90	16.99	16.79	16.95		
15	256QAM	1	0	17.01	16.73	17.04	16.96	16.85	18.3	0
15	256QAM	1	37	16.96	16.96	17.13	16.97	16.96		
15	256QAM	1	74	16.89	16.83	17.20	17.07	16.90		
15	256QAM	36	0	16.95	17.05	16.95	16.90	16.78	18.3	0
15	256QAM	36	20	16.74	16.91	17.07	16.97	16.93		
15	256QAM	36	39	16.83	16.89	17.09	16.79	17.09		
15	256QAM	75	0	16.85	17.05	17.23	16.88	16.99		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.01	16.91	17.21	17.08	17.04	18	0
10	QPSK	1	25	16.87	17.06	17.18	16.85	17.08		
10	QPSK	1	49	16.94	16.93	17.02	16.95	17.03		
10	QPSK	25	0	17.05	16.75	17.19	17.03	16.75	18.3	0
10	QPSK	25	12	16.98	17.12	17.11	16.92	17.00		
10	QPSK	25	25	17.00	16.76	17.08	16.90	16.93		
10	QPSK	50	0	17.02	17.10	17.24	17.04	16.94		
10	16QAM	1	0	16.71	16.93	17.07	17.04	17.03	18.3	0
10	16QAM	1	25	16.81	16.94	17.04	16.85	16.93		
10	16QAM	1	49	16.91	16.92	17.08	16.85	16.82		
10	16QAM	25	0	16.96	17.12	17.17	17.01	16.94	18.3	0
10	16QAM	25	12	17.03	16.95	17.28	17.02	16.99		
10	16QAM	25	25	17.07	17.17	16.91	17.12	17.09		
10	16QAM	50	0	16.85	16.82	17.15	16.86	16.84		
10	64QAM	1	0	16.90	16.79	16.97	17.01	16.82	18.3	0
10	64QAM	1	25	16.77	16.88	17.11	16.99	16.76		
10	64QAM	1	49	16.61	17.07	17.06	17.04	16.79		
10	64QAM	25	0	17.12	17.11	17.22	16.96	16.95	18.3	0
10	64QAM	25	12	17.02	16.91	17.24	17.02	17.06		
10	64QAM	25	25	16.99	17.07	17.06	17.10	16.94		
10	64QAM	50	0	16.91	16.77	16.98	16.77	16.85		
10	256QAM	1	0	17.13	16.79	17.06	17.14	17.02	18.3	0
10	256QAM	1	25	16.99	16.97	17.20	16.96	16.79		
10	256QAM	1	49	16.87	16.86	17.10	17.15	16.87		
10	256QAM	25	0	16.73	17.02	16.97	17.07	16.77	18.3	0
10	256QAM	25	12	16.72	17.03	16.94	17.07	16.85		
10	256QAM	25	25	16.74	16.90	17.13	16.86	17.02		
10	256QAM	50	0	16.83	17.12	17.07	16.98	16.91		
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	17.07	17.01	17.23	17.00	17.06	18	0
5	QPSK	1	12	16.95	17.01	17.00	17.05	17.13		
5	QPSK	1	24	17.07	17.03	17.24	17.01	17.02		
5	QPSK	12	0	17.06	16.74	17.24	16.93	16.85	18.3	0
5	QPSK	12	7	16.82	16.98	17.08	16.99	17.02		
5	QPSK	12	13	16.90	16.75	17.04	16.85	16.95		
5	QPSK	25	0	17.10	17.12	17.09	17.09	17.00		
5	16QAM	1	0	16.99	16.73	17.18	17.09	16.93	18.3	0
5	16QAM	1	12	16.72	16.95	17.07	16.95	16.93		
5	16QAM	1	24	16.95	16.88	17.05	16.92	16.78		
5	16QAM	12	0	17.02	16.78	17.06	16.90	16.97	18.3	0
5	16QAM	12	7	16.92	16.89	17.15	17.04	16.80		
5	16QAM	12	13	16.83	16.82	17.03	16.81	16.88		
5	16QAM	25	0	16.93	16.77	17.18	16.83	16.99		
5	64QAM	1	0	16.93	16.75	17.06	17.06	16.84	18.3	0
5	64QAM	1	12	16.83	16.93	17.14	16.93	16.92		
5	64QAM	1	24	16.75	16.84	17.02	16.92	16.84		
5	64QAM	12	0	16.86	16.78	17.23	17.00	17.12	18.3	0
5	64QAM	12	7	17.16	16.98	17.25	16.92	17.04		
5	64QAM	12	13	16.84	16.94	17.21	17.08	17.03		
5	64QAM	25	0	16.96	16.86	16.94	16.92	16.93		
5	256QAM	1	0	16.83	16.71	17.13	16.96	16.78	18.3	0
5	256QAM	1	12	17.01	17.04	17.06	17.00	16.94		
5	256QAM	1	24	16.69	17.00	17.17	16.95	16.98		
5	256QAM	12	0	16.71	17.07	16.93	16.94	16.79	18.3	0
5	256QAM	12	7	16.89	17.04	16.95	17.08	16.94		
5	256QAM	12	13	16.94	16.80	17.11	16.88	16.91		
5	256QAM	25	0	16.83	17.12	17.28	16.88	16.91		

Band 41 HPUE Ant3 DIS2

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	18.64	18.81	18.85	18.78	18.80	19.9	0
20	QPSK	1	49	18.47	18.67	18.70	18.55	18.68		
20	QPSK	1	99	18.56	18.68	18.67	18.42	18.57		
20	QPSK	50	0	18.61	18.68	18.76	18.65	18.59	19.9	0
20	QPSK	50	24	18.35	18.69	18.71	18.51	18.54		
20	QPSK	50	50	18.38	18.49	18.62	18.45	18.39		
20	QPSK	100	0	18.71	18.73	18.77	18.68	18.57		
20	16QAM	1	0	18.41	18.43	18.76	18.61	18.63	19.9	0
20	16QAM	1	49	18.60	18.56	18.53	18.47	18.44		
20	16QAM	1	99	18.37	18.45	18.68	18.47	18.52		
20	16QAM	50	0	18.50	18.36	18.68	18.66	18.54	19.9	0
20	16QAM	50	24	18.35	18.62	18.68	18.71	18.54		
20	16QAM	50	50	18.52	18.55	18.71	18.44	18.33		
20	16QAM	100	0	18.36	18.53	18.71	18.45	18.44		
20	64QAM	1	0	18.47	18.47	18.69	18.53	18.47	19.9	0
20	64QAM	1	49	18.31	18.65	18.71	18.62	18.55		
20	64QAM	1	99	18.25	18.56	18.74	18.56	18.56		
20	64QAM	50	0	18.48	18.45	18.73	18.52	18.42	19.9	0
20	64QAM	50	24	18.43	18.47	18.78	18.56	18.67		
20	64QAM	50	50	18.52	18.62	18.81	18.67	18.66		
20	64QAM	100	0	18.58	18.43	18.57	18.38	18.52		
20	256QAM	1	0	18.36	18.41	18.70	18.69	18.47	19.9	0
20	256QAM	1	49	18.46	18.46	18.71	18.47	18.37		
20	256QAM	1	99	18.38	18.64	18.84	18.65	18.43		
20	256QAM	50	0	18.53	18.56	18.63	18.58	18.52	19.9	0
20	256QAM	50	24	18.30	18.64	18.71	18.58	18.55		
20	256QAM	50	50	18.50	18.50	18.71	18.41	18.63		
20	256QAM	100	0	18.46	18.62	18.76	18.51	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	18.47	18.71	18.75	18.76	18.67	20	0
15	QPSK	1	37	18.30	18.60	18.56	18.36	18.66		
15	QPSK	1	74	18.37	18.68	18.66	18.38	18.36		
15	QPSK	36	0	18.40	18.53	18.78	18.61	18.37	19.9	0
15	QPSK	36	20	18.70	18.54	18.56	18.51	18.44		
15	QPSK	36	39	18.61	18.43	18.50	18.42	18.54		
15	QPSK	75	0	18.61	18.71	18.59	18.51	18.49		
15	16QAM	1	0	18.24	18.25	18.70	18.60	18.54	19.9	0
15	16QAM	1	37	18.45	18.44	18.48	18.49	18.25		
15	16QAM	1	74	18.33	18.44	18.53	18.37	18.39		
15	16QAM	36	0	18.44	18.30	18.47	18.47	18.53	19.9	0
15	16QAM	36	20	18.19	18.55	18.47	18.58	18.53		
15	16QAM	36	39	18.35	18.35	18.55	18.33	18.23		
15	16QAM	75	0	18.33	18.36	18.57	18.47	18.46		
15	64QAM	1	0	18.48	18.47	18.68	18.37	18.25	19.9	0
15	64QAM	1	37	18.20	18.47	18.50	18.60	18.56		
15	64QAM	1	74	18.25	18.45	18.53	18.45	18.47		
15	64QAM	36	0	18.41	18.31	18.51	18.35	18.72	19.9	0
15	64QAM	36	20	18.62	18.55	18.64	18.47	18.49		
15	64QAM	36	39	18.35	18.55	18.79	18.56	18.66		
15	64QAM	75	0	18.47	18.40	18.52	18.23	18.42		
15	256QAM	1	0	18.46	18.38	18.67	18.57	18.28	19.9	0
15	256QAM	1	37	18.34	18.34	18.59	18.41	18.36		
15	256QAM	1	74	18.38	18.56	18.62	18.57	18.30		
15	256QAM	36	0	18.49	18.47	18.50	18.54	18.40	19.9	0
15	256QAM	36	20	18.45	18.50	18.49	18.45	18.46		
15	256QAM	36	39	18.32	18.32	18.71	18.34	18.60		
15	256QAM	75	0	18.39	18.54	18.75	18.29	18.36		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.54	18.75	18.64	18.63	18.70	20	0
10	QPSK	1	25	18.47	18.62	18.67	18.56	18.51		
10	QPSK	1	49	18.56	18.65	18.69	18.37	18.50		
10	QPSK	25	0	18.45	18.49	18.63	18.65	18.46	19.9	0
10	QPSK	25	12	18.22	18.52	18.70	18.42	18.53		
10	QPSK	25	25	18.22	18.34	18.60	18.27	18.31		
10	QPSK	50	0	18.56	18.73	18.66	18.65	18.50		
10	16QAM	1	0	18.22	18.45	18.66	18.51	18.57	19.9	0
10	16QAM	1	25	18.39	18.38	18.31	18.44	18.30		
10	16QAM	1	49	18.32	18.30	18.62	18.43	18.43		
10	16QAM	25	0	18.44	18.51	18.64	18.46	18.54	19.9	0
10	16QAM	25	12	18.53	18.56	18.50	18.65	18.36		
10	16QAM	25	25	18.49	18.51	18.50	18.58	18.59		
10	16QAM	50	0	18.33	18.31	18.60	18.33	18.35		
10	64QAM	1	0	18.34	18.32	18.63	18.47	18.38	19.9	0
10	64QAM	1	25	18.15	18.64	18.64	18.48	18.39		
10	64QAM	1	49	18.20	18.46	18.65	18.43	18.47		
10	64QAM	25	0	18.48	18.38	18.58	18.52	18.39	19.9	0
10	64QAM	25	12	18.44	18.46	18.64	18.36	18.53		
10	64QAM	25	25	18.39	18.49	18.79	18.68	18.54		
10	64QAM	50	0	18.45	18.38	18.57	18.17	18.51		
10	256QAM	1	0	18.50	18.51	18.49	18.58	18.49	19.9	0
10	256QAM	1	25	18.65	18.25	18.64	18.49	18.54		
10	256QAM	1	49	18.61	18.44	18.73	18.49	18.67		
10	256QAM	25	0	18.42	18.36	18.51	18.59	18.31	19.9	0
10	256QAM	25	12	18.49	18.65	18.52	18.38	18.36		
10	256QAM	25	25	18.51	18.43	18.52	18.36	18.44		
10	256QAM	50	0	18.40	18.51	18.78	18.40	18.31		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.62	18.59	18.78	18.67	18.80	20	0
5	QPSK	1	12	18.37	18.52	18.67	18.51	18.65		
5	QPSK	1	24	18.49	18.46	18.47	18.38	18.36		
5	QPSK	12	0	18.52	18.58	18.67	18.63	18.45	19.9	0
5	QPSK	12	7	18.66	18.52	18.72	18.57	18.32		
5	QPSK	12	13	18.59	18.44	18.60	18.36	18.28		
5	QPSK	25	0	18.69	18.61	18.72	18.69	18.57		
5	16QAM	1	0	18.68	18.57	18.65	18.41	18.42	19.9	0
5	16QAM	1	12	18.39	18.53	18.53	18.42	18.31		
5	16QAM	1	24	18.27	18.47	18.52	18.28	18.35		
5	16QAM	12	0	18.41	18.69	18.48	18.58	18.49	19.9	0
5	16QAM	12	7	18.67	18.45	18.54	18.72	18.48		
5	16QAM	12	13	18.46	18.41	18.72	18.40	18.31		
5	16QAM	25	0	18.65	18.50	18.66	18.44	18.24		
5	64QAM	1	0	18.62	18.33	18.51	18.51	18.69	19.9	0
5	64QAM	1	12	18.68	18.63	18.66	18.45	18.37		
5	64QAM	1	24	18.58	18.34	18.52	18.41	18.56		
5	64QAM	12	0	18.32	18.25	18.60	18.46	18.43	19.9	0
5	64QAM	12	7	18.21	18.49	18.57	18.46	18.56		
5	64QAM	12	13	18.32	18.58	18.68	18.64	18.66		
5	64QAM	25	0	18.48	18.22	18.35	18.16	18.54		
5	256QAM	1	0	18.34	18.43	18.53	18.69	18.25	19.9	0
5	256QAM	1	12	18.43	18.42	18.65	18.43	18.32		
5	256QAM	1	24	18.19	18.64	18.65	18.50	18.28		
5	256QAM	12	0	18.52	18.44	18.62	18.41	18.33	19.9	0
5	256QAM	12	7	18.52	18.45	18.64	18.59	18.54		
5	256QAM	12	13	18.45	18.28	18.68	18.32	18.43		
5	256QAM	25	0	18.44	18.48	18.63	18.33	18.36		

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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	17.87	17.89	17.81	19.3	0
20	QPSK	1	49	17.85	17.83	17.66		
20	QPSK	1	99	17.81	17.70	17.62		
20	QPSK	50	0	17.77	17.87	17.65	19.3	0
20	QPSK	50	24	17.77	17.77	17.79		
20	QPSK	50	50	17.81	17.84	17.64		
20	QPSK	100	0	17.72	17.85	17.64		
20	16QAM	1	0	17.70	17.73	17.66	19.3	0
20	16QAM	1	49	17.66	17.81	17.80		
20	16QAM	1	99	17.85	17.85	17.79		
20	16QAM	50	0	17.73	17.86	17.63	19.3	0
20	16QAM	50	24	17.70	17.86	17.65		
20	16QAM	50	50	17.84	17.72	17.65		
20	16QAM	100	0	17.71	17.81	17.66		
20	64QAM	1	0	17.81	17.71	17.61	19.3	0
20	64QAM	1	49	17.73	17.69	17.65		
20	64QAM	1	99	17.83	17.78	17.62		
20	64QAM	50	0	17.68	17.88	17.66	19.3	0
20	64QAM	50	24	17.72	17.80	17.68		
20	64QAM	50	50	17.71	17.82	17.66		
20	64QAM	100	0	17.72	17.79	17.61		
20	256QAM	1	0	17.87	17.76	17.63	19.3	0
20	256QAM	1	49	17.74	17.80	17.79		
20	256QAM	1	99	17.74	17.72	17.73		
20	256QAM	50	0	17.76	17.74	17.62	19.3	0
20	256QAM	50	24	17.68	17.82	17.72		
20	256QAM	50	50	17.82	17.87	17.73		
20	256QAM	100	0	17.79	17.88	17.77		
Channel				42163	42590	43016	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.76	17.72	17.59	19.3	0
15	QPSK	1	37	17.75	17.85	17.74		
15	QPSK	1	74	17.62	17.68	17.63		
15	QPSK	36	0	17.84	17.67	17.60	19.3	0
15	QPSK	36	20	17.70	17.80	17.66		
15	QPSK	36	39	17.69	17.82	17.57		
15	QPSK	75	0	17.73	17.74	17.66		
15	16QAM	1	0	17.69	17.70	17.57	19.3	0
15	16QAM	1	37	17.79	17.71	17.61		
15	16QAM	1	74	17.68	17.80	17.65		
15	16QAM	36	0	17.81	17.70	17.57	19.3	0
15	16QAM	36	20	17.76	17.71	17.62		
15	16QAM	36	39	17.63	17.69	17.61		
15	16QAM	75	0	17.72	17.74	17.70		
15	64QAM	1	0	17.65	17.64	17.56	19.3	0
15	64QAM	1	37	17.76	17.74	17.61		
15	64QAM	1	74	17.66	17.77	17.56		
15	64QAM	36	0	17.80	17.62	17.68	19.3	0
15	64QAM	36	20	17.83	17.81	17.65		
15	64QAM	36	39	17.78	17.85	17.72		
15	64QAM	75	0	17.76	17.83	17.69		
15	256QAM	1	0	17.76	17.78	17.67	19.3	0
15	256QAM	1	37	17.68	17.84	17.63		
15	256QAM	1	74	17.75	17.78	17.61		
15	256QAM	36	0	17.80	17.63	17.63	19.3	0
15	256QAM	36	20	17.82	17.81	17.57		
15	256QAM	36	39	17.65	17.73	17.68		
15	256QAM	75	0	17.67	17.74	17.56		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.80	17.67	17.68	19.3	0
10	QPSK	1	25	17.72	17.68	17.71		
10	QPSK	1	49	17.73	17.85	17.57		
10	QPSK	25	0	17.77	17.70	17.68	19.3	0
10	QPSK	25	12	17.62	17.68	17.77		
10	QPSK	25	25	17.84	17.80	17.63		
10	QPSK	50	0	17.68	17.68	17.64		
10	16QAM	1	0	17.72	17.79	17.61	19.3	0
10	16QAM	1	25	17.70	17.70	17.72		
10	16QAM	1	49	17.65	17.86	17.56		
10	16QAM	25	0	17.71	17.86	17.66	19.3	0
10	16QAM	25	12	17.66	17.70	17.56		
10	16QAM	25	25	17.65	17.68	17.67		
10	16QAM	50	0	17.69	17.67	17.74		
10	64QAM	1	0	17.62	17.63	17.65	19.3	0
10	64QAM	1	25	17.67	17.68	17.55		
10	64QAM	1	49	17.68	17.80	17.74		
10	64QAM	25	0	17.75	17.81	17.71	19.3	0
10	64QAM	25	12	17.76	17.69	17.72		
10	64QAM	25	25	17.78	17.86	17.66		
10	64QAM	50	0	17.70	17.79	17.72		
10	256QAM	1	0	17.73	17.63	17.73	19.3	0
10	256QAM	1	25	17.64	17.63	17.78		
10	256QAM	1	49	17.63	17.64	17.71		
10	256QAM	25	0	17.76	17.85	17.76	19.3	0
10	256QAM	25	12	17.69	17.64	17.75		
10	256QAM	25	25	17.68	17.64	17.60		
10	256QAM	50	0	17.62	17.70	17.70		
Channel				42113	42590	43067	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.80	17.82	17.58	19.3	0
5	QPSK	1	12	17.62	17.85	17.71		
5	QPSK	1	24	17.78	17.67	17.71		
5	QPSK	12	0	17.67	17.74	17.64	19.3	0
5	QPSK	12	7	17.80	17.74	17.57		
5	QPSK	12	13	17.72	17.74	17.73		
5	QPSK	25	0	17.62	17.73	17.60		
5	16QAM	1	0	17.60	17.85	17.56	19.3	0
5	16QAM	1	12	17.63	17.63	17.61		
5	16QAM	1	24	17.71	17.76	17.67		
5	16QAM	12	0	17.82	17.84	17.72	19.3	0
5	16QAM	12	7	17.68	17.63	17.64		
5	16QAM	12	13	17.83	17.64	17.64		
5	16QAM	25	0	17.65	17.82	17.69		
5	64QAM	1	0	17.81	17.75	17.59	19.3	0
5	64QAM	1	12	17.74	17.72	17.65		
5	64QAM	1	24	17.77	17.67	17.54		
5	64QAM	12	0	17.65	17.72	17.56	19.3	0
5	64QAM	12	7	17.67	17.73	17.62		
5	64QAM	12	13	17.62	17.76	17.67		
5	64QAM	25	0	17.83	17.74	17.59		
5	256QAM	1	0	17.64	17.64	17.65	19.3	0
5	256QAM	1	12	17.67	17.74	17.74		
5	256QAM	1	24	17.64	17.72	17.68		
5	256QAM	12	0	17.80	17.84	17.74	19.3	0
5	256QAM	12	7	17.78	17.78	17.72		
5	256QAM	12	13	17.77	17.67	17.54		
5	256QAM	25	0	17.69	17.69	17.73		

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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				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	15.95	16.07	16.00	17.3	0
20	QPSK	1	49	15.86	15.90	15.96		
20	QPSK	1	99	15.93	15.81	16.03		
20	QPSK	50	0	15.89	16.05	16.00	17.3	0
20	QPSK	50	24	16.04	15.92	16.02		
20	QPSK	50	50	15.99	15.92	15.96		
20	QPSK	100	0	16.03	16.04	15.96		
20	16QAM	1	0	16.05	16.01	15.93	17.3	0
20	16QAM	1	49	15.85	15.90	15.83		
20	16QAM	1	99	15.96	15.91	15.80		
20	16QAM	50	0	15.97	15.94	16.00	17.3	0
20	16QAM	50	24	15.97	16.06	15.92		
20	16QAM	50	50	15.91	15.99	15.80		
20	16QAM	100	0	16.05	15.89	15.81		
20	64QAM	1	0	15.95	15.90	15.81	17.3	0
20	64QAM	1	49	16.01	15.99	15.80		
20	64QAM	1	99	15.91	15.93	16.00		
20	64QAM	50	0	15.95	15.92	15.89	17.3	0
20	64QAM	50	24	16.04	16.04	15.84		
20	64QAM	50	50	15.88	15.95	16.03		
20	64QAM	100	0	16.00	15.83	15.86		
20	256QAM	1	0	15.85	16.05	15.86	17.3	0
20	256QAM	1	49	16.02	15.88	15.89		
20	256QAM	1	99	16.00	15.88	15.94		
20	256QAM	50	0	16.02	15.98	15.95	17.3	0
20	256QAM	50	24	16.05	15.91	15.91		
20	256QAM	50	50	15.89	15.92	15.93		
20	256QAM	100	0	15.90	15.96	15.81		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	15.86	15.90	15.80	17.3	0
15	QPSK	1	37	15.87	15.92	15.75		
15	QPSK	1	74	15.83	15.72	15.97		
15	QPSK	36	0	15.80	15.96	15.91	17.3	0
15	QPSK	36	20	16.05	15.83	15.85		
15	QPSK	36	39	15.92	15.86	15.87		
15	QPSK	75	0	15.86	15.96	15.95		
15	16QAM	1	0	15.97	15.93	15.94	17.3	0
15	16QAM	1	37	15.70	15.70	15.68		
15	16QAM	1	74	15.91	15.72	15.73		
15	16QAM	36	0	15.97	15.75	15.88	17.3	0
15	16QAM	36	20	15.98	15.88	15.93		
15	16QAM	36	39	15.83	15.78	15.60		
15	16QAM	75	0	15.97	15.90	15.67		
15	64QAM	1	0	15.83	15.84	15.65	17.3	0
15	64QAM	1	37	15.93	15.86	15.71		
15	64QAM	1	74	15.78	15.73	15.81		
15	64QAM	36	0	15.94	15.91	15.76	17.3	0
15	64QAM	36	20	15.87	16.04	15.82		
15	64QAM	36	39	15.80	15.83	15.97		
15	64QAM	75	0	15.82	15.79	15.83		
15	256QAM	1	0	15.71	15.99	15.78	17.3	0
15	256QAM	1	37	15.86	15.85	15.86		
15	256QAM	1	74	16.01	15.87	15.87		
15	256QAM	36	0	15.99	15.95	15.95	17.3	0
15	256QAM	36	20	16.05	15.90	15.72		
15	256QAM	36	39	15.90	15.89	15.84		
15	256QAM	75	0	15.90	15.77	15.62		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	15.74	16.01	15.97	17.3	0
10	QPSK	1	25	15.85	15.82	15.85		
10	QPSK	1	49	15.89	15.60	16.01		
10	QPSK	25	0	15.69	15.86	15.85	17.3	0
10	QPSK	25	12	16.05	15.89	15.85		
10	QPSK	25	25	15.97	15.77	15.84		
10	QPSK	50	0	16.01	15.93	15.81		
10	16QAM	1	0	15.95	15.88	15.88	17.3	0
10	16QAM	1	25	15.68	15.77	15.75		
10	16QAM	1	49	15.80	15.70	15.65		
10	16QAM	25	0	15.93	15.90	16.02	17.3	0
10	16QAM	25	12	15.78	16.00	15.82		
10	16QAM	25	25	15.89	15.87	15.80		
10	16QAM	50	0	16.05	15.75	15.78		
10	64QAM	1	0	15.87	15.88	15.68	17.3	0
10	64QAM	1	25	15.92	15.97	15.62		
10	64QAM	1	49	15.88	15.73	15.82		
10	64QAM	25	0	15.82	15.84	15.71	17.3	0
10	64QAM	25	12	15.96	16.05	15.80		
10	64QAM	25	25	15.90	15.87	15.83		
10	64QAM	50	0	15.79	15.66	15.85		
10	256QAM	1	0	15.76	15.91	15.82	17.3	0
10	256QAM	1	25	15.83	15.79	15.74		
10	256QAM	1	49	15.99	15.74	15.79		
10	256QAM	25	0	15.85	15.92	15.81	17.3	0
10	256QAM	25	12	15.99	15.71	15.86		
10	256QAM	25	25	15.83	15.83	15.85		
10	256QAM	50	0	15.89	15.97	15.76		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	15.91	15.96	15.79	17.3	0
5	QPSK	1	12	15.76	15.87	15.84		
5	QPSK	1	24	15.90	15.83	16.00		
5	QPSK	12	0	15.76	15.89	15.90	17.3	0
5	QPSK	12	7	15.95	15.81	16.02		
5	QPSK	12	13	15.96	15.74	15.74		
5	QPSK	25	0	15.86	16.01	15.94		
5	16QAM	1	0	15.93	15.84	15.95	17.3	0
5	16QAM	1	12	15.85	15.78	15.80		
5	16QAM	1	24	15.80	15.78	15.77		
5	16QAM	12	0	15.98	15.86	15.97	17.3	0
5	16QAM	12	7	15.95	15.89	15.72		
5	16QAM	12	13	15.82	15.85	15.63		
5	16QAM	25	0	15.96	15.89	15.71		
5	64QAM	1	0	15.78	15.83	15.61	17.3	0
5	64QAM	1	12	15.81	15.88	15.70		
5	64QAM	1	24	15.80	15.75	15.78		
5	64QAM	12	0	15.93	15.89	15.85	17.3	0
5	64QAM	12	7	15.94	15.91	15.76		
5	64QAM	12	13	15.77	15.93	16.01		
5	64QAM	25	0	15.88	15.69	15.75		
5	256QAM	1	0	15.86	15.87	15.67	17.3	0
5	256QAM	1	12	15.84	15.71	15.84		
5	256QAM	1	24	15.96	15.67	15.77		
5	256QAM	12	0	16.01	15.80	15.91	17.3	0
5	256QAM	12	7	15.83	15.75	15.80		
5	256QAM	12	13	15.74	15.88	15.78		
5	256QAM	25	0	15.69	15.81	15.83		

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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	16.32	16.35	16.31	16.26	17.3	0
20	QPSK	1	49	16.27	16.24	16.14	16.08		
20	QPSK	1	99	16.32	16.22	16.00	16.06		
20	QPSK	50	0	16.29	16.31	16.13	16.19	17.3	0
20	QPSK	50	24	16.22	16.24	16.03	16.21		
20	QPSK	50	50	16.30	16.25	16.09	16.21		
20	QPSK	100	0	16.19	16.24	16.03	16.18		
20	16QAM	1	0	16.25	16.21	16.08	16.09	17.3	0
20	16QAM	1	49	16.17	16.06	15.90	15.84		
20	16QAM	1	99	16.26	16.10	16.11	15.96		
20	16QAM	50	0	16.16	16.18	15.96	16.16	17.3	0
20	16QAM	50	24	16.20	16.30	16.18	16.16		
20	16QAM	50	50	16.31	16.23	16.17	16.01		
20	16QAM	100	0	16.11	16.12	15.96	16.09		
20	64QAM	1	0	16.22	16.18	16.07	16.03	17.3	0
20	64QAM	1	49	16.19	16.25	16.13	16.23		
20	64QAM	1	99	16.17	16.21	16.17	16.19		
20	64QAM	50	0	16.31	16.10	15.91	15.94	17.3	0
20	64QAM	50	24	16.28	16.24	16.02	16.20		
20	64QAM	50	50	16.29	16.23	16.06	16.03		
20	64QAM	100	0	16.24	16.09	16.06	15.87		
20	256QAM	1	0	16.12	16.30	16.16	16.10	17.3	0
20	256QAM	1	49	16.11	16.13	16.00	16.12		
20	256QAM	1	99	16.33	16.08	15.97	16.10		
20	256QAM	50	0	16.22	16.24	16.14	16.13	17.3	0
20	256QAM	50	24	16.19	16.07	16.02	15.99		
20	256QAM	50	50	16.32	16.22	16.07	16.21		
20	256QAM	100	0	16.26	16.28	16.18	16.10		
Channel				55315	55820	56140	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.21	16.31	16.31	16.27	17.3	0
15	QPSK	1	37	16.08	16.17	16.10	16.03		
15	QPSK	1	74	16.10	16.22	15.84	16.07		
15	QPSK	36	0	16.20	16.22	15.95	16.05	17.3	0
15	QPSK	36	20	16.03	16.15	15.85	16.11		
15	QPSK	36	39	16.17	16.09	16.02	16.12		
15	QPSK	75	0	15.99	16.08	15.82	16.09		
15	16QAM	1	0	16.24	16.01	16.10	16.02	17.3	0
15	16QAM	1	37	15.98	15.99	15.72	15.74		
15	16QAM	1	74	16.26	16.04	15.99	15.75		
15	16QAM	36	0	15.99	16.09	15.93	16.14	17.3	0
15	16QAM	36	20	16.20	16.15	16.01	16.13		
15	16QAM	36	39	16.19	16.04	16.19	16.02		
15	16QAM	75	0	16.07	16.11	15.97	16.07		
15	64QAM	1	0	16.01	16.03	15.94	15.84	17.3	0
15	64QAM	1	37	16.01	16.07	16.02	16.12		
15	64QAM	1	74	16.13	16.22	16.19	16.05		
15	64QAM	36	0	16.31	16.05	15.76	15.77	17.3	0
15	64QAM	36	20	16.13	16.14	15.98	16.10		
15	64QAM	36	39	16.20	16.01	15.98	16.03		
15	64QAM	75	0	16.19	15.92	16.07	15.76		
15	256QAM	1	0	16.07	16.26	15.98	15.89	17.3	0
15	256QAM	1	37	15.94	15.97	15.93	15.93		
15	256QAM	1	74	16.15	15.87	15.90	16.02		
15	256QAM	36	0	16.19	16.11	16.11	16.00	17.3	0
15	256QAM	36	20	16.18	16.01	16.03	15.87		
15	256QAM	36	39	16.11	16.18	16.03	16.10		
15	256QAM	75	0	16.11	16.27	16.07	15.97		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.11	16.21	16.13	16.21	17.3	0
10	QPSK	1	25	16.19	16.13	15.98	15.94		
10	QPSK	1	49	16.31	16.03	16.00	16.02		
10	QPSK	25	0	16.18	16.26	16.15	16.11	17.3	0
10	QPSK	25	12	16.16	16.14	15.92	16.14		
10	QPSK	25	25	16.12	16.07	16.01	16.16		
10	QPSK	50	0	16.11	16.21	16.00	16.03		
10	16QAM	1	0	16.18	16.13	16.07	15.87	17.3	0
10	16QAM	1	25	16.06	16.02	15.80	15.72		
10	16QAM	1	49	16.07	15.90	16.02	15.90		
10	16QAM	25	0	16.16	16.15	15.94	15.96	17.3	0
10	16QAM	25	12	16.10	16.31	16.06	16.17		
10	16QAM	25	25	16.19	16.06	16.01	15.86		
10	16QAM	50	0	16.07	16.09	15.84	16.10		
10	64QAM	1	0	16.08	16.13	16.01	16.03	17.3	0
10	64QAM	1	25	16.13	16.24	16.09	16.15		
10	64QAM	1	49	16.12	15.99	16.03	15.97		
10	64QAM	25	0	16.21	15.99	15.74	15.76	17.3	0
10	64QAM	25	12	16.24	16.07	15.86	16.16		
10	64QAM	25	25	16.23	16.15	15.88	15.98		
10	64QAM	50	0	16.17	16.03	16.08	15.72		
10	256QAM	1	0	15.92	16.30	16.14	16.05	17.3	0
10	256QAM	1	25	15.99	15.91	15.81	16.11		
10	256QAM	1	49	16.17	15.95	15.95	15.91		
10	256QAM	25	0	16.19	16.10	15.97	16.14	17.3	0
10	256QAM	25	12	16.12	15.92	15.85	15.80		
10	256QAM	25	25	16.29	16.17	15.98	16.04		
10	256QAM	50	0	16.28	16.09	16.15	15.96		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.15	16.14	16.13	16.23	17.3	0
5	QPSK	1	12	16.07	16.18	16.10	16.02		
5	QPSK	1	24	16.23	16.09	15.83	15.98		
5	QPSK	12	0	16.17	16.24	16.14	16.05	17.3	0
5	QPSK	12	7	16.17	16.21	15.97	16.07		
5	QPSK	12	13	16.20	16.08	16.08	16.17		
5	QPSK	25	0	16.06	16.15	16.03	16.03		
5	16QAM	1	0	16.13	16.21	16.08	16.08	17.3	0
5	16QAM	1	12	16.14	15.99	15.80	15.62		
5	16QAM	1	24	16.28	15.99	15.90	15.84		
5	16QAM	12	0	15.98	16.17	15.90	16.07	17.3	0
5	16QAM	12	7	16.19	16.13	16.12	16.06		
5	16QAM	12	13	16.21	16.22	16.01	15.93		
5	16QAM	25	0	16.11	15.96	15.75	15.93		
5	64QAM	1	0	16.05	16.15	15.95	15.93	17.3	0
5	64QAM	1	12	16.00	16.20	16.01	16.07		
5	64QAM	1	24	16.11	16.16	16.03	16.08		
5	64QAM	12	0	16.10	15.94	15.77	15.75	17.3	0
5	64QAM	12	7	16.22	16.14	15.89	16.12		
5	64QAM	12	13	16.16	16.05	15.99	16.03		
5	64QAM	25	0	16.24	16.08	15.88	15.80		
5	256QAM	1	0	16.09	16.22	15.99	16.03	17.3	0
5	256QAM	1	12	15.95	16.09	15.81	15.93		
5	256QAM	1	24	16.30	16.05	15.78	15.94		
5	256QAM	12	0	16.23	16.24	15.96	16.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.39	18.51	18.30	19.2	0
20	QPSK	1	49	18.45	18.39	18.22		
20	QPSK	1	99	18.26	18.28	18.45		
20	QPSK	50	0	18.20	18.44	18.19	19.2	0
20	QPSK	50	24	18.41	18.31	18.41		
20	QPSK	50	50	18.34	18.40	18.21		
20	QPSK	100	0	18.38	18.43	18.29		
20	16QAM	1	0	18.44	18.42	18.25	19.2	0
20	16QAM	1	49	18.18	18.30	18.20		
20	16QAM	1	99	18.30	18.38	18.29		
20	16QAM	50	0	18.38	18.44	18.31	19.2	0
20	16QAM	50	24	18.38	18.48	18.24		
20	16QAM	50	50	18.26	18.25	18.30		
20	16QAM	100	0	18.46	18.23	18.23		
20	64QAM	1	0	18.37	18.14	18.38	19.2	0
20	64QAM	1	49	18.29	18.19	18.19		
20	64QAM	1	99	18.50	18.39	18.40		
20	64QAM	50	0	18.34	18.29	18.41	19.2	0
20	64QAM	50	24	18.38	18.46	18.24		
20	64QAM	50	50	18.28	18.36	18.45		
20	64QAM	100	0	18.33	18.25	18.22		
20	256QAM	1	0	18.24	18.37	18.19	19.2	0
20	256QAM	1	49	18.37	18.40	18.17		
20	256QAM	1	99	18.44	18.23	18.28		
20	256QAM	50	0	18.48	18.43	18.42	19.2	0
20	256QAM	50	24	18.46	18.42	18.26		
20	256QAM	50	50	18.38	18.21	18.17		
20	256QAM	100	0	18.39	18.31	18.21		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.18	18.47	18.23	19.2	0
15	QPSK	1	37	18.33	18.20	18.07		
15	QPSK	1	74	18.19	18.08	18.29		
15	QPSK	36	0	18.14	18.28	18.13	19.2	0
15	QPSK	36	20	18.25	18.22	18.22		
15	QPSK	36	39	18.15	18.37	18.16		
15	QPSK	75	0	18.32	18.33	18.20		
15	16QAM	1	0	18.44	18.30	18.11	19.2	0
15	16QAM	1	37	18.03	18.24	17.99		
15	16QAM	1	74	18.17	18.19	18.12		
15	16QAM	36	0	18.32	18.28	18.30	19.2	0
15	16QAM	36	20	18.25	18.34	18.06		
15	16QAM	36	39	18.16	18.08	18.16		
15	16QAM	75	0	18.34	18.08	18.11		
15	64QAM	1	0	18.23	17.92	18.20	19.2	0
15	64QAM	1	37	18.15	18.06	18.10		
15	64QAM	1	74	18.36	18.23	18.35		
15	64QAM	36	0	18.30	18.19	18.25	19.2	0
15	64QAM	36	20	18.24	18.32	18.23		
15	64QAM	36	39	18.08	18.29	18.36		
15	64QAM	75	0	18.23	18.04	18.23		
15	256QAM	1	0	18.20	18.20	18.10	19.2	0
15	256QAM	1	37	18.35	18.32	18.19		
15	256QAM	1	74	18.26	18.14	18.22		
15	256QAM	36	0	18.33	18.41	18.41	19.2	0
15	256QAM	36	20	18.36	18.37	18.21		
15	256QAM	36	39	18.20	18.00	18.03		
15	256QAM	75	0	18.32	18.12	18.15		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.28	18.38	18.14	19.2	0
10	QPSK	1	25	18.37	18.21	18.16		
10	QPSK	1	49	18.14	18.06	18.24		
10	QPSK	25	0	18.16	18.26	18.04	19.2	0
10	QPSK	25	12	18.32	18.14	18.37		
10	QPSK	25	25	18.19	18.34	18.17		
10	QPSK	50	0	18.33	18.26	18.23		
10	16QAM	1	0	18.24	18.27	18.09	19.2	0
10	16QAM	1	25	18.02	18.17	18.16		
10	16QAM	1	49	18.23	18.37	18.28		
10	16QAM	25	0	18.27	18.26	18.09	19.2	0
10	16QAM	25	12	18.17	18.33	18.23		
10	16QAM	25	25	18.06	18.27	18.18		
10	16QAM	50	0	18.38	18.03	18.02		
10	64QAM	1	0	18.16	18.01	18.30	19.2	0
10	64QAM	1	25	18.19	18.17	18.03		
10	64QAM	1	49	18.42	18.23	18.25		
10	64QAM	25	0	18.25	18.23	18.38	19.2	0
10	64QAM	25	12	18.31	18.45	18.24		
10	64QAM	25	25	18.10	18.35	18.46		
10	64QAM	50	0	18.20	18.25	18.07		
10	256QAM	1	0	18.07	18.20	18.09	19.2	0
10	256QAM	1	25	18.37	18.34	18.03		
10	256QAM	1	49	18.35	18.14	18.27		
10	256QAM	25	0	18.49	18.22	18.29	19.2	0
10	256QAM	25	12	18.45	18.37	18.27		
10	256QAM	25	25	18.23	18.05	18.13		
10	256QAM	50	0	18.36	18.13	18.13		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.26	18.33	18.17	19.2	0
5	QPSK	1	12	18.37	18.36	18.22		
5	QPSK	1	24	18.12	18.08	18.46		
5	QPSK	12	0	18.19	18.34	18.15	19.2	0
5	QPSK	12	7	18.26	18.28	18.36		
5	QPSK	12	13	18.28	18.29	18.20		
5	QPSK	25	0	18.36	18.31	18.26		
5	16QAM	1	0	18.42	18.27	18.18	19.2	0
5	16QAM	1	12	18.01	18.21	18.14		
5	16QAM	1	24	18.09	18.30	18.09		
5	16QAM	12	0	18.36	18.24	18.16	19.2	0
5	16QAM	12	7	18.22	18.39	18.21		
5	16QAM	12	13	18.08	18.11	18.30		
5	16QAM	25	0	18.36	18.24	18.02		
5	64QAM	1	0	18.29	18.00	18.20	19.2	0
5	64QAM	1	12	18.22	18.01	18.20		
5	64QAM	1	24	18.30	18.31	18.19		
5	64QAM	12	0	18.27	18.23	18.41	19.2	0
5	64QAM	12	7	18.34	18.43	18.16		
5	64QAM	12	13	18.21	18.31	18.23		
5	64QAM	25	0	18.20	18.13	18.23		
5	256QAM	1	0	18.17	18.32	18.14	19.2	0
5	256QAM	1	12	18.22	18.21	18.15		
5	256QAM	1	24	18.43	18.16	18.28		
5	256QAM	12	0	18.48	18.43	18.29	19.2	0
5	256QAM	12	7	18.40	18.23	18.17		
5	256QAM	12	13	18.37	18.03	18.04		
5	256QAM	25	0	18.39	18.11	18.10		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	20.25	20.31	20.05	21.1	0
20	QPSK	1	49	20.11	20.08	19.98		
20	QPSK	1	99	20.01	20.05	20.14		
20	QPSK	50	0	19.89	20.26	20.01	21.1	0
20	QPSK	50	24	20.04	20.05	20.20		
20	QPSK	50	50	20.16	20.09	20.00		
20	QPSK	100	0	20.15	20.25	20.08		
20	16QAM	1	0	20.11	20.02	19.93	21.1	0
20	16QAM	1	49	19.87	20.08	19.99		
20	16QAM	1	99	20.04	19.96	19.88		
20	16QAM	50	s	19.97	20.10	20.10	21.1	0
20	16QAM	50	24	20.11	20.27	19.91		
20	16QAM	50	50	20.04	20.01	20.01		
20	16QAM	100	0	20.17	19.95	19.81		
20	64QAM	1	0	20.16	19.90	20.01	21.1	0
20	64QAM	1	49	20.05	20.01	19.97		
20	64QAM	1	99	20.12	20.04	20.19		
20	64QAM	50	0	19.43	19.53	19.56	20.6	0.5
20	64QAM	50	24	19.66	19.72	19.41		
20	64QAM	50	50	19.62	19.35	19.67		
20	64QAM	100	0	19.52	19.45	19.45		
20	256QAM	1	0	19.30	19.51	19.43	20.6	0.5
20	256QAM	1	49	19.76	19.54	19.49		
20	256QAM	1	99	19.60	19.48	19.53		
20	256QAM	50	0	19.62	19.69	19.68	20.6	0.5
20	256QAM	50	24	19.60	19.66	19.46		
20	256QAM	50	50	19.63	19.52	19.56		
20	256QAM	100	0	19.53	19.74	19.52		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	20.25	20.22	19.88	21.1	0
15	QPSK	1	37	20.06	20.04	19.77		
15	QPSK	1	74	19.98	19.94	20.04		
15	QPSK	36	0	19.87	20.05	19.88	21.1	0
15	QPSK	36	20	19.91	19.94	20.20		
15	QPSK	36	39	20.15	20.07	19.86		
15	QPSK	75	0	20.06	20.12	19.91		
15	16QAM	1	0	19.96	19.90	19.86	21.1	0
15	16QAM	1	37	19.69	20.02	19.89		
15	16QAM	1	74	19.90	19.76	19.70		
15	16QAM	36	0	19.95	20.11	19.93	21.1	0
15	16QAM	36	20	20.04	20.15	19.71		
15	16QAM	36	39	19.97	19.85	19.86		
15	16QAM	75	0	20.18	19.92	19.82		
15	64QAM	1	0	19.99	19.82	19.80	21.1	0
15	64QAM	1	37	19.98	19.97	19.86		
15	64QAM	1	74	20.02	19.93	20.08		
15	64QAM	36	0	19.45	19.37	19.55	20.6	0.5
15	64QAM	36	20	19.52	19.65	19.36		
15	64QAM	36	39	19.63	19.37	19.78		
15	64QAM	75	0	19.38	19.48	19.52		
15	256QAM	1	0	19.29	19.61	19.38	20.6	0.5
15	256QAM	1	37	19.62	19.53	19.45		
15	256QAM	1	74	19.67	19.28	19.47		
15	256QAM	36	0	19.62	19.69	19.58	20.6	0.5
15	256QAM	36	20	19.68	19.49	19.53		
15	256QAM	36	39	19.58	19.57	19.35		
15	256QAM	75	0	19.65	19.66	19.38		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	20.06	20.23	19.91	21.1	0
10	QPSK	1	25	19.96	20.06	19.77		
10	QPSK	1	49	19.98	20.02	19.93		
10	QPSK	25	0	19.81	20.22	20.02	21.1	0
10	QPSK	25	12	19.87	19.98	20.12		
10	QPSK	25	25	20.10	20.08	19.98		
10	QPSK	50	0	20.14	20.18	19.89		
10	16QAM	1	0	19.93	19.97	19.79	21.1	0
10	16QAM	1	25	19.75	19.92	19.98		
10	16QAM	1	49	19.93	19.96	19.89		
10	16QAM	25	0	19.86	19.98	20.06	21.1	0
10	16QAM	25	12	20.05	20.28	19.91		
10	16QAM	25	25	19.86	19.83	19.90		
10	16QAM	50	0	19.99	19.75	19.71		
10	64QAM	1	0	20.18	19.72	19.83	21.1	0
10	64QAM	1	25	20.01	19.88	19.90		
10	64QAM	1	49	20.02	19.83	20.09		
10	64QAM	25	0	19.51	19.40	19.58	20.6	0.5
10	64QAM	25	12	19.71	19.61	19.43		
10	64QAM	25	25	19.67	19.51	19.77		
10	64QAM	50	0	19.57	19.45	19.37		
10	256QAM	1	0	19.43	19.62	19.57	20.6	0.5
10	256QAM	1	25	19.59	19.44	19.38		
10	256QAM	1	49	19.70	19.38	19.33		
10	256QAM	25	0	19.60	19.66	19.64	20.6	0.5
10	256QAM	25	12	19.59	19.69	19.42		
10	256QAM	25	25	19.45	19.49	19.56		
10	256QAM	50	0	19.51	19.52	19.56		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	20.10	20.24	19.87	21.1	0
5	QPSK	1	12	20.07	20.02	19.87		
5	QPSK	1	24	19.88	19.86	19.95		
5	QPSK	12	0	19.76	20.26	19.84	21.1	0
5	QPSK	12	7	20.02	19.92	20.04		
5	QPSK	12	13	20.10	20.04	19.80		
5	QPSK	25	0	19.97	20.14	20.02		
5	16QAM	1	0	19.90	19.99	19.92	21.1	0
5	16QAM	1	12	19.83	19.88	19.90		
5	16QAM	1	24	20.03	19.78	19.72		
5	16QAM	12	0	19.81	20.11	20.00	21.1	0
5	16QAM	12	7	20.07	20.07	19.86		
5	16QAM	12	13	20.05	19.82	20.03		
5	16QAM	25	0	19.98	19.80	19.78		
5	64QAM	1	0	19.98	19.82	19.82	21.1	0
5	64QAM	1	12	19.99	19.91	19.85		
5	64QAM	1	24	19.93	20.03	20.02		
5	64QAM	12	0	19.58	19.53	19.69	20.6	0.5
5	64QAM	12	7	19.61	19.61	19.33		
5	64QAM	12	13	19.71	19.44	19.73		
5	64QAM	25	0	19.48	19.42	19.39		
5	256QAM	1	0	19.41	19.49	19.41	20.6	0.5
5	256QAM	1	12	19.81	19.46	19.53		
5	256QAM	1	24	19.55	19.33	19.33		
5	256QAM	12	0	19.72	19.72	19.60	20.6	0.5
5	256QAM	12	7	19.57	19.70	19.38		
5	256QAM	12	13	19.48	19.43	19.33		
5	256QAM	25	0	19.47	19.67	19.40		

Band 4

BW [MHz]	Modulation	RB Size	RB Offset
Channel			
Frequency (MHz)			
20	QPSK	1	0
20	QPSK	1	49
20	QPSK	1	99
20	QPSK	50	0
20	QPSK	50	24
20	QPSK	50	50
20	QPSK	100	0
20	16QAM	1	0
20	16QAM	1	49
20	16QAM	1	99
20	16QAM	50	0
20	16QAM	50	24
20	16QAM	50	50
20	16QAM	100	0
20	64QAM	1	0
20	64QAM	1	49
20	64QAM	1	99
20	64QAM	50	0
20	64QAM	50	24
20	64QAM	50	50
20	64QAM	100	0
20	256QAM	1	0
20	256QAM	1	49
20	256QAM	1	99
20	256QAM	50	0
20	256QAM	50	24
20	256QAM	50	50
20	256QAM	100	0
Channel			
Frequency (MHz)			
15	QPSK	1	0
15	QPSK	1	37
15	QPSK	1	74
15	QPSK	36	0
15	QPSK	36	20
15	QPSK	36	39
15	QPSK	75	0
15	16QAM	1	0
15	16QAM	1	37
15	16QAM	1	74
15	16QAM	36	0
15	16QAM	36	20
15	16QAM	36	39
15	16QAM	75	0
15	64QAM	1	0
15	64QAM	1	37
15	64QAM	1	74
15	64QAM	36	0
15	64QAM	36	20
15	64QAM	36	39
15	64QAM	75	0
15	256QAM	1	0
15	256QAM	1	37
15	256QAM	1	74
15	256QAM	36	0
15	256QAM	36	20
15	256QAM	36	39
15	256QAM	75	0
Channel			
Frequency (MHz)			
10	QPSK	1	0
10	QPSK	1	25
10	QPSK	1	49
10	QPSK	25	0
10	QPSK	25	12
10	QPSK	25	25
10	QPSK	50	0
10	16QAM	1	0
10	16QAM	1	25
10	16QAM	1	49
10	16QAM	25	0
10	16QAM	25	12
10	16QAM	25	25
10	16QAM	50	0
10	64QAM	1	0
10	64QAM	1	25
10	64QAM	1	49
10	64QAM	25	0
10	64QAM	25	12
10	64QAM	25	25
10	64QAM	50	0
10	256QAM	1	0
10	256QAM	1	25
10	256QAM	1	49
10	256QAM	25	0
10	256QAM	25	12
10	256QAM	25	25
10	256QAM	50	0
Channel			
Frequency (MHz)			
5	QPSK	1	0
5	QPSK	1	12
5	QPSK	1	24
5	QPSK	12	0
5	QPSK	12	7
5	QPSK	12	13
5	QPSK	25	0
5	16QAM	1	0
5	16QAM	1	12
5	16QAM	1	24
5	16QAM	12	0
5	16QAM	12	7
5	16QAM	12	13
5	16QAM	25	0
5	64QAM	1	0
5	64QAM	1	12
5	64QAM	1	24
5	64QAM	12	0
5	64QAM	12	7
5	64QAM	12	13
5	64QAM	25	0
5	256QAM	1	0
5	256QAM	1	12
5	256QAM	1	24
5	256QAM	12	0
5	256QAM	12	7
5	256QAM	12	13
5	256QAM	25	0

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Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
55340	55830	56150	56640		
3560	3609	3641	3690		
20.01	20.31	20.24	20.12	21.1	0
20.26	20.24	20.23	20.16		
20.26	20.23	19.97	20.00		
20.03	20.29	20.26	20.08	21.1	0
20.04	20.22	20.05	20.01		
20.27	20.18	19.94	20.18		
20.16	20.26	19.98	20.14		
20.18	20.19	20.07	19.93	21.1	0
20.08	19.92	19.88	19.84		
20.16	20.03	20.11	19.76		
20.15	20.16	19.84	20.05	21.1	0
19.98	20.16	20.14	20.11		
20.10	20.11	20.03	20.01		
20.02	20.00	19.95	20.10		
20.22	20.03	19.93	19.99	21.1	0
20.18	20.19	20.05	20.01		
20.15	20.01	20.08	20.00		
19.67	19.49	19.27	19.38	20.6	0.5
19.64	19.61	19.49	19.64		
19.69	19.39	19.51	19.43		
19.60	19.57	19.38	19.26		
19.51	19.63	19.43	19.36	20.6	0.5
19.37	19.63	19.28	19.55		
19.64	19.56	19.48	19.51		
19.74	19.65	19.44	19.38	20.6	0.5
19.48	19.36	19.46	19.58		
19.72	19.65	19.51	19.56		
19.81	19.64	19.58	19.47		
55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
3557.5	3608	3642	3692.5		
19.82	20.23	20.06	19.98	21.1	0
20.12	20.11	20.17	19.97		
20.19	20.13	19.75	19.88		
19.93	20.17	20.26	20.08	21.1	0
19.86	20.08	19.90	19.96		
20.26	20.01	19.78	20.11		
20.16	20.11	19.99	20.14		
19.97	20.19	19.93	20.07	21.1	0
20.08	19.90	19.85	20.21		
20.11	19.99	19.93	20.15		
19.99	20.06	19.74	20.05	21.1	0
19.89	20.07	19.98	19.91		
19.91	19.91	20.04	19.81		
19.85	19.79	19.86	20.00		
20.19	20.02	19.87	19.77	21.1	0
20.15	20.04	19.97	19.87		
19.94	19.91	19.87	19.97		
19.71	19.62	19.31	19.34	20.6	0.5
19.49	19.64	19.55	19.49		
19.61	19.48	19.50	19.43		
19.72	19.49	19.37	19.42		
19.41	19.66	19.57	19.50	20.6	0.5
19.43	19.66	19.31	19.47		
19.79	19.48	19.43	19.40		
19.65	19.67	19.63	19.48	20.6	0.5
19.44	19.35	19.38	19.55		
19.58	19.57	19.33	19.60		
19.79	19.62	19.63	19.60		
55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
3555	3607.5	3642.5	3695		
19.95	20.15	20.14	19.99	21.1	0
20.22	20.20	20.07	20.16		
20.18	20.05	19.77	19.87		
19.94	20.15	20.13	20.01	21.1	0
19.94	20.21	20.03	19.88		
20.18	20.09	19.85	20.14		
19.99	20.15	19.93	20.08		
20.05	20.09	20.05	19.92	21.1	0
20.07	19.78	19.72	19.85		
20.02	19.99	20.02	19.67		
20.02	19.98	19.75	20.05	21.1	0
19.84	20.01	20.06	19.96		
19.97	20.11	19.86	19.87		
19.97	19.83	19.88	20.02		
20.19	20.05	19.86	19.95	21.1	0
20.14	20.20	20.04	20.02		
20.05	19.90	20.08	19.99		
19.80	19.46	19.48	19.35	20.6	0.5
19.49	19.75	19.41	19.61		
19.64	19.41	19.51	19.34		
19.56	19.56	19.52	19.09		
19.47	19.83	19.41	19.34	20.6	0.5
19.49	19.42	19.44	19.40		
19.75	19.59	19.44	19.54		
19.61	19.68	19.59	19.46	20.6	0.5
19.44	19.39	19.43	19.46		
19.76	19.64	19.53	19.67		
19.77	19.56	19.70	19.64		
55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
3552.5	3607	3643	3697.5		
19.92	20.10	20.25	20.11	21.1	0
20.23	20.18	20.08	20.06		
20.25	20.14	19.90	19.84		
19.92	20.08	20.06	19.87	21.1	0
19.96	20.14	19.86	19.86		
20.06	20.15	19.93	20.13		
20.06	20.26	19.93	20.00		
20.17	20.07	19.98	19.88	21.1	0
20.09	19.92	19.90	19.82		
20.05	20.04	20.03	19.71		
19.96	20.16	20.23	19.85	21.1	0
19.79	20.05	20.03	19.97		
19.94	20.08	19.92	20.00		
19.91	19.79	19.84	20.02		
20.09	19.84	19.82	19.86	21.1	0
20.12	20.06	19.92	19.81		
20.05	19.94	19.94	19.84		
19.69	19.43	19.42	19.56	20.6	0.5
19.65	19.67	19.48	19.63		
19.73	19.50	19.50	19.52		
19.64	19.62	19.36	19.28		
19.59	19.65	19.43	19.52	20.6	0.5
19.37	19.48	19.41	19.57		
19.76	19.57	19.36	19.40		
19.59	19.73	19.50	19.41	20.6	0.5
19.52	19.34	19.49	19.57		
19.66	19.75	19.40	19.50		
19.65	19.61	19.74	19.68		

Reduced Power Mode for Main PA DSI3 Simultaneous

GSM850 Ant0 Default

GSM850	Burst Average Power (dBm)			0	Frame-Average Power (dBm)				
TX Channel	128	189	251	Tune-up Limit (dBm)	128	189	251	Tune-up Limit (dBm)	Ch Delta > 0.5
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		
GSM 1 Tx slot	32.79	32.82	32.74	33.50	23.79	23.82	23.74	24.50	0.11
GPRS 1 Tx slot	32.81	32.85	32.78	33.50	23.81	23.85	23.78	24.50	
GPRS 2 Tx slots	29.40	29.52	29.37	30.50	23.40	23.52	23.37	24.50	0.15
GPRS 3 Tx slots	28.12	28.15	28.17	30.00	23.86	23.89	23.91	25.74	0.05
GPRS 4 Tx slots	26.37	26.50	26.37	27.50	23.37	23.50	23.37	24.50	0.13
EDGE 1 Tx slot	25.38	25.44	25.26	26.50	16.38	16.44	16.26	17.50	0.16
EDGE 2 Tx slots	23.57	23.78	23.64	25.00	17.57	17.78	17.64	19.00	0.21
EDGE 3 Tx slots	22.46	22.59	22.53	23.50	18.20	18.33	18.27	19.24	0.13
EDGE 4 Tx slots	20.49	20.61	20.41	21.50	17.49	17.61	17.41	18.50	0.20

GSM1900 Ant0 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
TX Channel	512	661	810		512	661	810		
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8		
GSM 1 Tx slot	29.03	29.59	29.38	30.50	20.51	20.59	20.38	21.50	0.28
GPRS 1 Tx slot	29.61	29.66	29.59	30.50	20.61	20.66	20.59	21.50	
GPRS 2 Tx slots	27.06	27.22	27.13	28.00	21.06	21.22	21.13	22.00	0.16
GPRS 3 Tx slots	25.18	25.33	25.28	26.50	20.92	21.07	21.02	22.24	0.15
GPRS 4 Tx slots	23.28	23.40	23.32	24.50	20.28	20.40	20.32	21.50	0.12
EDGE 1 Tx slot	25.03	25.05	24.87	26.00	16.03	16.05	15.87	17.00	0.18
EDGE 2 Tx slots	23.23	23.41	23.21	24.50	17.23	17.41	17.21	18.50	0.20
EDGE 3 Tx slots	22.27	22.28	22.07	23.50	18.01	18.02	17.81	19.24	0.21
EDGE 4 Tx slots	20.08	20.11	19.98	21.00	17.08	17.11	16.98	18.00	0.13

WCDMA II Ant0 DSI3 | WCDMA IV Ant0 DSI3 | WCDMA V Ant0 Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.77	18.85	18.73	20.20	19.16	19.25	19.11	20.70	24.14	24.13	24.04	25.00
3GPP Rel 99	RMC 12.2Kbps	18.83	18.86	18.76	20.20	19.25	19.28	19.19	20.70	24.20	24.23	24.16	25.00
3GPP Rel 6	HSDPA Subtest-1	17.75	17.72	17.49	19.20	18.15	17.96	18.00	19.70	23.21	23.18	23.11	24.00
3GPP Rel 6	HSDPA Subtest-2	17.57	17.83	17.77	19.20	18.35	18.15	18.37	19.70	23.30	23.40	23.41	24.00
3GPP Rel 6	HSDPA Subtest-3	17.32	17.29	17.19	18.70	17.67	17.74	17.53	19.20	22.24	22.17	22.28	23.50
3GPP Rel 6	HSDPA Subtest-4	17.11	17.18	17.13	18.70	17.62	17.60	17.61	19.20	22.31	22.21	22.28	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.81	17.86	17.68	19.20	18.17	18.05	18.19	19.70	22.71	22.73	22.60	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.76	17.81	17.69	19.20	18.14	18.39	18.35	19.70	22.68	22.59	22.72	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.07	17.19	17.02	18.70	17.59	17.54	17.44	19.20	21.76	21.73	21.85	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.24	17.20	17.06	18.70	17.57	17.69	17.71	19.20	21.75	21.72	21.76	23.50
3GPP Rel 6	HSUPA Subtest-1	17.52	17.77	17.72	18.20	17.94	18.07	18.01	18.70	22.38	22.45	22.48	24.00
3GPP Rel 6	HSUPA Subtest-2	15.70	15.79	15.66	16.20	16.12	16.16	16.06	16.70	20.74	20.78	20.66	22.00
3GPP Rel 6	HSUPA Subtest-3	16.67	16.81	16.62	17.20	17.13	17.05	17.01	17.70	21.69	21.73	21.79	23.00
3GPP Rel 6	HSUPA Subtest-4	15.70	15.68	15.62	16.20	16.09	16.17	16.11	16.70	20.78	20.73	20.90	22.00
3GPP Rel 6	HSUPA Subtest-5	17.41	17.76	17.61	18.20	18.14	17.90	18.00	18.70	22.67	22.63	22.77	24.00

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.28	20.30	20.20		
20	QPSK	1	49	20.16	20.18	20.20	21.5	0
20	QPSK	1	99	20.12	20.13	20.10		
20	QPSK	50	0	20.26	20.27	20.07		
20	QPSK	50	24	20.13	20.16	20.11	21.5	0
20	QPSK	50	50	20.14	20.11	20.04		
20	QPSK	100	0	20.24	20.26	20.01		
20	16QAM	1	0	20.20	20.29	20.03		
20	16QAM	1	49	20.23	20.13	20.09	21.5	0
20	16QAM	1	99	20.14	20.18	20.19		
20	16QAM	50	0	20.20	20.17	20.10		
20	16QAM	50	24	20.26	20.21	20.17	21.5	0
20	16QAM	50	50	20.26	20.16	20.11		
20	16QAM	100	0	20.12	20.12	20.08		
20	64QAM	1	0	20.11	20.22	20.13		
20	64QAM	1	49	20.24	20.07	19.99	21.5	0
20	64QAM	1	99	20.22	20.13	20.06		
20	64QAM	50	0	19.53	19.60	19.56		
20	64QAM	50	24	19.52	19.52	19.26	21	0.5
20	64QAM	50	50	19.37	19.34	19.33		
20	64QAM	100	0	19.35	19.47	19.41		
20	256QAM	1	0	17.45	17.57	17.61		
20	256QAM	1	49	17.33	17.52	17.32	19	2.5
20	256QAM	1	99	17.52	17.69	17.54		
20	256QAM	50	0	17.45	17.61	17.32		
20	256QAM	50	24	17.38	17.48	17.46	19	2.5
20	256QAM	50	50	17.52	17.62	17.57		
20	256QAM	100	0	17.39	17.49	17.39		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.20	20.27	20.15		
15	QPSK	1	37	20.01	20.14	20.15	21.5	0
15	QPSK	1	74	19.96	20.13	19.99		
15	QPSK	36	0	20.08	20.10	19.87		
15	QPSK	36	20	19.99	20.05	20.01	21.5	0
15	QPSK	36	39	20.05	20.08	19.88		
15	QPSK	75	0	20.19	20.25	19.89		
15	16QAM	1	0	20.03	20.27	19.84		
15	16QAM	1	37	20.17	19.93	20.04	21.5	0
15	16QAM	1	74	20.07	20.13	20.06		
15	16QAM	36	0	20.14	20.06	20.03		
15	16QAM	36	20	20.21	20.22	20.10	21.5	0
15	16QAM	36	39	20.16	20.02	20.12		
15	16QAM	75	0	19.94	20.08	20.05		
15	64QAM	1	0	19.99	20.23	20.00		
15	64QAM	1	37	20.10	19.90	19.99	21.5	0
15	64QAM	1	74	20.02	19.93	20.04		
15	64QAM	36	0	19.63	19.63	19.62		
15	64QAM	36	20	19.43	19.46	19.28	21	0.5
15	64QAM	36	39	19.34	19.42	19.36		
15	64QAM	75	0	19.32	19.47	19.44		
15	256QAM	1	0	17.49	17.65	17.61		
15	256QAM	1	37	17.27	17.43	17.31	19	2.5
15	256QAM	1	74	17.56	17.68	17.64		
15	256QAM	36	0	17.49	17.65	17.39		
15	256QAM	36	20	17.34	17.46	17.43	19	2.5
15	256QAM	36	39	17.49	17.47	17.56		
15	256QAM	75	0	17.51	17.58	17.39		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.07	20.26	19.98		
10	QPSK	1	25	19.98	19.99	20.15	21.5	0
10	QPSK	1	49	19.99	19.98	19.88		
10	QPSK	25	0	20.11	20.05	20.04		
10	QPSK	25	12	20.06	20.11	20.07	21.5	0
10	QPSK	25	25	20.04	20.06	19.97		
10	QPSK	50	0	20.17	20.18	19.79		
10	16QAM	1	0	20.10	20.13	19.99		
10	16QAM	1	25	20.17	19.96	19.91	21.5	0
10	16QAM	1	49	19.99	20.06	20.01		
10	16QAM	25	0	20.15	19.97	20.08		
10	16QAM	25	12	20.14	20.14	20.10	21.5	0
10	16QAM	25	25	20.22	20.01	20.13		
10	16QAM	50	0	20.11	20.10	19.95		
10	64QAM	1	0	20.09	20.11	20.04		
10	64QAM	1	25	20.08	20.01	19.97	21.5	0
10	64QAM	1	49	20.12	20.01	19.96		
10	64QAM	25	0	19.61	19.61	19.61		
10	64QAM	25	12	19.38	19.51	19.31	21	0.5
10	64QAM	25	25	19.40	19.33	19.41		
10	64QAM	50	0	19.40	19.52	19.39		
10	256QAM	1	0	17.50	17.68	17.68		
10	256QAM	1	25	17.39	17.47	17.35	19	2.5
10	256QAM	1	49	17.56	17.67	17.63		
10	256QAM	25	0	17.45	17.57	17.44		
10	256QAM	25	12	17.46	17.47	17.36	19	2.5
10	256QAM	25	25	17.57	17.61	17.48		
10	256QAM	50	0	17.45	17.58	17.44		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.22	20.10	20.20		
5	QPSK	1	12	20.06	20.13	20.03	21.5	0
5	QPSK	1	24	20.00	20.14	20.06		
5	QPSK	12	0	20.09	20.05	20.01		
5	QPSK	12	7	20.10	19.97	20.06	21.5	0
5	QPSK	12	13	20.16	20.03	19.89		
5	QPSK	25	0	20.24	20.27	19.96		
5	16QAM	1	0	20.19	20.17	19.84		
5	16QAM	1	12	20.20	20.14	19.92	21.5	0
5	16QAM	1	24	19.95	19.97	20.19		
5	16QAM	12	0	20.10	20.16	20.04		
5	16QAM	12	7	20.08	20.11	20.18	21.5	0
5	16QAM	12	13	20.22	19.96	19.96		
5	16QAM	25	0	19.98	19.97	20.06		
5	64QAM	1	0	20.06	20.10	20.08		
5	64QAM	1	12	20.25	19.95	19.78	21.5	0
5	64QAM	1	24	20.09	19.94	19.94		
5	64QAM	12	0	19.62	19.65	19.56		
5	64QAM	12	7	19.49	19.45	19.31	21	0.5
5	64QAM	12	13	19.43	19.35	19.32		
5	64QAM	25	0	19.31	19.55	19.46		
5	256QAM	1	0	17.47	17.69	17.62		
5	256QAM	1	12	17.39	17.52	17.30	19	2.5
5	256QAM	1	24	17.46	17.58	17.58		
5	256QAM	12	0	17.37	17.37	17.31		
5	256QAM	12	7	17.39	17.41	17.41	19	2.5
5	256QAM	12	13	17.51	17.60	17.50		
5	256QAM	25	0	17.50	17.56	17.38		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.27	20.19	20.06		
3	QPSK	1	8	20.06	20.14	20.19	21.5	0
3	QPSK	1	14	20.01	19.95	20.02		
3	QPSK	8	0	20.17	20.17	19.98		
3	QPSK	8	4	20.01	19.98	19.91	21.5	0
3	QPSK	8	7	20.11	20.05	20.01		
3	QPSK	15	0	20.08	20.26	19.80		
3	16QAM	1	0	20.02	20.08	19.98		
3	16QAM	1	8	20.12	19.93	19.89	21.5	0
3	16QAM	1	14	19.93	20.07	20.01		
3	16QAM	8	0	20.06	20.07	19.97		
3	16QAM	8	4	20.22	20.19	20.18	21.5	0
3	16QAM	8	7	20.10	20.02	20.08		
3	16QAM	15	0	20.04	20.07	19.98		
3	64QAM	1	0	19.91	20.15	19.95		
3	64QAM	1	8	20.10	19.99	19.91	21.5	0
3	64QAM	1	14	20.08	20.11	20.01		
3	64QAM	8	0	19.56	19.61	19.62		
3	64QAM	8	4	19.46	19.49	19.33	21	0.5
3	64QAM	8	7	19.35	19.34	19.39		
3	64QAM	15	0	19.35	19.49	19.44		
3	256QAM	1	0	17.50	17.67	17.63		
3	256QAM	1	8	17.32	17.41	17.26	19	2.5
3	256QAM	1	14	17.45	17.59	17.63		
3	256QAM	8	0	17.50	17.56	17.43		
3	256QAM	8	4	17.36	17.50	17.45	19	2.5
3	256QAM	8	7	17.54	17.67	17.47		
3	256QAM	15	0	17.40	17.51	17.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.13	20.21	20.12		
1.4	QPSK	1	3	20.11	20.01	20.13		
1.4	QPSK	1	5	20.07	20.01	19.99	21.5	0
1.4	QPSK	3	0	20.04	20.10	19.91		
1.4	QPSK	3	1	20.01	20.09	20.05		
1.4	QPSK	3	3	20.14	19.94	20.00		
1.4	QPSK	6	0	20.21	20.16	19.90	21.5	0
1.4	16QAM	1	0	20.20	20.26	19.96		
1.4	16QAM	1	3	20.13	20.02	19.93		
1.4	16QAM	1	5	19.98	20.18	20.02	21.5	0
1.4	16QAM	3	0	20.19	20.08	20.12		
1.4	16QAM	3	1	20.21	20.22	20.12		
1.4	16QAM	3	3	20.08	20.10	20.04		
1.4	16QAM	6	0	19.99	19.99	20.05	21.5	0
1.4	64QAM	1	0	19.95	20.18	20.11		
1.4	64QAM	1	3	20.02	19.97	19.81		
1.4	64QAM	1	5	20.23	20.03	20.08	21.5	0
1.4	64QAM	3	0	20.08	20.01	20.07		
1.4	64QAM	3	1	20.17	20.03	19.99		
1.4	64QAM	3	3	19.96	20.12	19.93		
1.4	64QAM	6	0	19.92	20.21	19.85	21	0.5
1.4	256QAM	1	0	17.61	17.75	17.76		
1.4	256QAM	1	3	17.64	17.73	17.40		
1.4	256QAM	1	5	17.64	17.75	17.52	19	2.5
1.4	256QAM	3	0	17.68	17.62	17.57		
1.4	256QAM	3	1	17.76	17.76	17.57		
1.4	256QAM	3	3	17.68	17.76	17.45		
1.4	256QAM	6	0	17.63	17.62	17.58	19	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	17.19	17.25	17.04		
20	QPSK	1	49	17.16	17.19	17.01	19	0
20	QPSK	1	99	17.07	17.08	17.16		
20	QPSK	50	0	17.17	17.23	17.17		
20	QPSK	50	24	17.09	17.20	17.17	19	0
20	QPSK	50	50	17.16	17.18	17.08		
20	QPSK	100	0	17.18	17.19	17.14		
20	16QAM	1	0	17.08	17.11	17.07		
20	16QAM	1	49	17.13	17.20	17.03	19	0
20	16QAM	1	99	17.15	17.21	17.08		
20	16QAM	50	0	17.05	17.17	17.02		
20	16QAM	50	24	17.08	17.15	17.14	19	0
20	16QAM	50	50	17.11	17.06	17.15		
20	16QAM	100	0	17.16	17.08	17.05		
20	64QAM	1	0	17.11	17.17	17.12		
20	64QAM	1	49	17.07	17.12	17.08	19	0
20	64QAM	1	99	17.11	17.06	17.04		
20	64QAM	50	0	17.04	17.24	17.04		
20	64QAM	50	24	17.14	17.12	17.03	19	0
20	64QAM	50	50	17.15	17.17	17.18		
20	64QAM	100	0	17.03	17.15	17.15		
20	256QAM	1	0	17.07	17.21	17.08		
20	256QAM	1	49	17.07	17.11	17.16	19	0
20	256QAM	1	99	17.13	17.21	17.17		
20	256QAM	50	0	17.18	17.22	17.16		
20	256QAM	50	24	17.00	17.11	17.17	19	0
20	256QAM	50	50	17.07	17.18	17.03		
20	256QAM	100	0	17.15	17.06	17.05		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.24	17.17	17.22		
15	QPSK	1	37	17.18	17.13	17.15	19	0
15	QPSK	1	74	17.17	17.18	17.07		
15	QPSK	36	0	17.06	17.21	17.19		
15	QPSK	36	20	17.20	17.12	17.17	19	0
15	QPSK	36	39	17.24	17.09	17.03		
15	QPSK	75	0	17.16	17.21	17.12		
15	16QAM	1	0	17.18	17.07	17.12		
15	16QAM	1	37	17.23	17.13	17.03	19	0
15	16QAM	1	74	17.08	17.20	17.11		
15	16QAM	36	0	17.08	17.15	17.12		
15	16QAM	36	20	17.10	17.15	17.07	19	0
15	16QAM	36	39	17.21	17.06	17.06		
15	16QAM	75	0	17.23	17.00	17.08		
15	64QAM	1	0	17.01	17.09	17.12		
15	64QAM	1	37	17.06	17.16	17.19	19	0
15	64QAM	1	74	17.07	17.00	17.05		
15	64QAM	36	0	17.05	17.09	17.16		
15	64QAM	36	20	17.22	17.00	17.08	19	0
15	64QAM	36	39	17.05	17.07	17.10		
15	64QAM	75	0	17.09	17.12	17.10		
15	256QAM	1	0	17.15	17.15	17.01		
15	256QAM	1	37	17.18	17.02	17.26	19	0
15	256QAM	1	74	17.17	17.12	17.19		
15	256QAM	36	0	17.09	17.17	17.18		
15	256QAM	36	20	17.02	17.15	17.16	19	0
15	256QAM	36	39	17.09	17.15	17.06		
15	256QAM	75	0	17.12	17.02	17.05		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.07	17.23	17.17		
10	QPSK	1	25	17.20	17.13	17.18	19	0
10	QPSK	1	49	17.18	17.04	17.08		
10	QPSK	25	0	17.19	17.09	17.23		
10	QPSK	25	12	17.17	17.16	17.12	19	0
10	QPSK	25	25	17.15	17.12	17.17		
10	QPSK	50	0	17.13	17.20	17.06		
10	16QAM	1	0	17.08	17.09	17.00		
10	16QAM	1	25	17.16	17.17	17.14	19	0
10	16QAM	1	49	17.13	17.18	17.09		
10	16QAM	25	0	17.13	17.19	17.14		
10	16QAM	25	12	17.03	17.23	17.08	19	0
10	16QAM	25	25	17.16	17.23	17.10		
10	16QAM	50	0	17.17	17.17	17.17		
10	64QAM	1	0	17.20	17.06	17.19		
10	64QAM	1	25	17.10	17.14	17.15	19	0
10	64QAM	1	49	17.05	17.11	17.09		
10	64QAM	25	0	17.06	17.19	17.12		
10	64QAM	25	12	17.11	17.21	17.13	19	0
10	64QAM	25	25	17.12	17.19	17.19		
10	64QAM	50	0	17.06	17.21	17.06		
10	256QAM	1	0	17.05	17.18	17.17		
10	256QAM	1	25	17.13	17.16	17.23	19	0
10	256QAM	1	49	17.15	17.21	17.11		
10	256QAM	25	0	17.09	17.15	17.09		
10	256QAM	25	12	17.01	17.08	17.08	19	0
10	256QAM	25	25	17.16	17.13	17.18		
10	256QAM	50	0	17.16	17.10	17.01		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.10	17.09	17.00		
5	QPSK	1	12	17.23	17.11	17.18	19	0
5	QPSK	1	24	17.12	17.12	17.22		
5	QPSK	12	0	17.15	17.16	17.16		
5	QPSK	12	7	17.18	17.17	17.21	19	0
5	QPSK	12	13	17.09	17.12	17.05		
5	QPSK	25	0	17.14	17.16	17.02		
5	16QAM	1	0	17.15	17.21	17.19		
5	16QAM	1	12	17.02	17.12	17.14	19	0
5	16QAM	1	24	17.15	17.23	17.18		
5	16QAM	12	0	17.08	17.14	17.04		
5	16QAM	12	7	17.09	17.13	17.20	19	0
5	16QAM	12	13	17.17	17.11	17.19		
5	16QAM	25	0	17.11	17.05	17.07		
5	64QAM	1	0	17.02	17.12	17.23		
5	64QAM	1	12	17.10	17.17	17.08	19	0
5	64QAM	1	24	17.11	17.20	17.20		
5	64QAM	12	0	17.23	17.24	17.05		
5	64QAM	12	7	17.18	17.12	17.10	19	0
5	64QAM	12	13	17.22	17.14	17.15		
5	64QAM	25	0	17.05	17.14	17.14		
5	256QAM	1	0	17.05	17.11	17.02		
5	256QAM	1	12	17.04	17.03	17.09	19	0
5	256QAM	1	24	17.18	17.24	17.23		
5	256QAM	12	0	17.15	17.22	17.21		
5	256QAM	12	7	17.13	17.20	17.12	19	0
5	256QAM	12	13	17.03	17.21	17.12		
5	256QAM	25	0	17.14	17.12	17.16		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.16	17.18	17.19		
3	QPSK	1	8	17.23	17.16	17.05	19	0
3	QPSK	1	14	17.07	17.13	17.22		
3	QPSK	8	0	17.17	17.18	17.21		
3	QPSK	8	4	17.18	17.09	17.10	19	0
3	QPSK	8	7	17.09	17.13	17.00		
3	QPSK	15	0	17.15	17.17	17.09		
3	16QAM	1	0	17.10	17.01	17.01		
3	16QAM	1	8	17.10	17.24	17.11	19	0
3	16QAM	1	14	17.12	17.16	17.01		
3	16QAM	8	0	17.15	17.17	17.08		
3	16QAM	8	4	17.14	17.23	17.13	19	0
3	16QAM	8	7	17.17	17.23	17.15		
3	16QAM	15	0	17.04	17.12	17.10		
3	64QAM	1	0	17.21	17.10	17.01		
3	64QAM	1	8	17.18	17.20	17.16	19	0
3	64QAM	1	14	17.10	17.12	17.10		
3	64QAM	8	0	17.08	17.19	17.14		
3	64QAM	8	4	17.13	17.14	17.05	19	0
3	64QAM	8	7	17.07	17.14	17.07		
3	64QAM	15	0	17.23	17.22	17.19		
3	256QAM	1	0	17.08	17.14	17.02		
3	256QAM	1	8	17.08	17.04	17.18	19	0
3	256QAM	1	14	17.21	17.14	17.20		
3	256QAM	8	0	17.06	17.14	17.11		
3	256QAM	8	4	17.13	17.09	17.12	19	0
3	256QAM	8	7	17.16	17.18	17.12		
3	256QAM	15	0	17.07	17.07	17.01		
Channel				19907	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.19	17.17	17.10		
1.4	QPSK	1	3	17.15	17.18	17.24		
1.4	QPSK	1	5	17.01	17.12	17.12	19	0
1.4	QPSK	3	0	17.16	17.13	17.14		
1.4	QPSK	3	1	17.00	17.08	17.24		
1.4	QPSK	3	3	17.12	17.23	17.19		
1.4	QPSK	6	0	17.08	17.21	17.06	19	0
1.4	16QAM	1	0	17.22	17.22	17.19		
1.4	16QAM	1	3	17.03	17.08	17.22		
1.4	16QAM	1	5	17.09	17.12	17.16	19	0
1.4	16QAM	3	0	17.11	17.09	17.06		
1.4	16QAM	3	1	17.02	17.12	17.11		
1.4	16QAM	3	3	17.00	17.11	17.15		
1.4	16QAM	6	0	17.22	17.18	17.11	19	0
1.4	64QAM	1	0	17.14	17.17	17.12		
1.4	64QAM	1	3	17.04	17.07	17.08		
1.4	64QAM	1	5	17.09	17.07	17.21	19	0
1.4	64QAM	3	0	17.10	17.21	17.11		
1.4	64QAM	3	1	17.15	17.16	17.14		
1.4	64QAM	3	3	17.21	17.24	17.17		
1.4	64QAM	6	0	17.13	17.11	17.13	19	0
1.4	256QAM	1	0	17.08	17.12	17.12		
1.4	256QAM	1	3	17.03	17.00	17.24		
1.4	256QAM	1	5	17.23	17.15	17.23	19	0
1.4	256QAM	3	0	17.19	17.21	17.11		
1.4	256QAM	3	1	17.23	17.18	17.14		
1.4	256QAM	3	3	17.15	17.10	17.02		
1.4	256QAM	6	0	17.05	17.10	17.12	19	0

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	22.45	22.47	22.39		
10	QPSK	1	25	22.30	22.38	22.33	24	0
10	QPSK	1	49	22.29	22.45	22.37		
10	QPSK	25	0	22.32	22.39	22.37		
10	QPSK	25	12	22.30	22.24	22.15	24	0
10	QPSK	25	25	22.37	22.28	22.33		
10	QPSK	50	0	22.22	22.24	22.31		
10	16QAM	1	0	22.21	22.31	22.20		
10	16QAM	1	25	22.33	22.28	22.44	24	0
10	16QAM	1	49	22.32	22.20	22.26		
10	16QAM	25	0	21.70	21.55	21.60		
10	16QAM	25	12	21.51	21.57	21.31

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	22.35	22.37	22.10		
10	QPSK	1	25	22.17	22.21	22.19	24	0
10	QPSK	1	49	22.06	22.33	22.14		
10	QPSK	25	0	22.06	22.26	22.11		
10	QPSK	25	12	22.16	22.18	22.15	24	0
10	QPSK	25	25	22.11	22.03	22.16		
10	QPSK	50	0	22.02	22.17	22.06		
10	16QAM	1	0	22.07	22.12	22.05		
10	16QAM	1	25	22.05	22.22	22.24	24	0
10	16QAM	1	49	22.15	22.07	22.05		
10	16QAM	25	0	21.42	21.32	21.42		
10	16QAM	25	12	21.46	21.33	21.10	23	1
10	16QAM	25	25	21.27	21.57	21.18		
10	16QAM	50	0	21.43	21.58	21.28		
10	64QAM	1	0	21.45	21.18	21.34		
10	64QAM	1	25	21.46	21.17	21.12	23	1
10	64QAM	1	49	21.09	21.42	21.39		
10	64QAM	25	0	20.54	20.30	20.51		
10	64QAM	25	12	20.20	20.46	20.23	22	2
10	64QAM	25	25	20.32	20.29	20.20		
10	64QAM	50	0	20.28	20.39	20.41		
10	256QAM	1	0	18.45	18.47	18.03		
10	256QAM	1	25	18.21	18.11	18.18	20	4
10	256QAM	1	49	18.32	18.10	18.32		
10	256QAM	25	0	18.32	18.53	18.20		
10	256QAM	25	12	18.44	18.18	18.20	20	4
10	256QAM	25	25	18.33	18.20	18.42		
10	256QAM	50	0	18.12	18.41	18.37		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.18	22.25	22.17	24	0
5	QPSK	1	12	22.18	22.24	22.26		
5	QPSK	1	24	22.05	22.28	22.23		
5	QPSK	12	0	22.00	22.29	22.19	24	0
5	QPSK	12	7	22.21	22.04	22.28		
5	QPSK	12	13	22.13	22.09	22.26		
5	QPSK	25	0	22.03	22.12	22.21		
5	16QAM	1	0	22.06	22.18	22.02		
5	16QAM	1	12	22.00	22.21	22.36	24	0
5	16QAM	1	24	22.10	22.05	22.00		
5	16QAM	12	0	21.39	21.36	21.40		
5	16QAM	12	7	21.44	21.41	21.27	23	1
5	16QAM	12	13	21.19	21.64	21.33		
5	16QAM	25	0	21.54	21.54	21.33		
5	64QAM	1	0	21.42	21.27	21.43		
5	64QAM	1	12	21.36	21.27	21.29	23	1
5	64QAM	1	24	21.11	21.33	21.43		
5	64QAM	12	0	20.40	20.39	20.45		
5	64QAM	12	7	20.29	20.47	20.27	22	2
5	64QAM	12	13	20.19	20.28	20.13		
5	64QAM	25	0	20.40	20.26	20.22		
5	256QAM	1	0	18.55	18.36	18.55		
5	256QAM	1	12	18.14	18.23	18.15	20	4
5	256QAM	1	24	18.55	18.16	18.38		
5	256QAM	12	0	18.45	18.51	18.30		
5	256QAM	12	7	18.34	18.20	18.29	20	4
5	256QAM	12	13	18.24	18.30	18.43		
5	256QAM	25	0	18.15	18.24	18.38		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.35	22.29	22.20		
3	QPSK	1	8	22.18	22.33	22.17	24	0
3	QPSK	1	14	22.09	22.20	22.18		
3	QPSK	8	0	22.00	22.10	22.27		
3	QPSK	8	4	22.17	22.18	22.13	24	0
3	QPSK	8	7	22.06	22.07	22.01		
3	QPSK	15	0	22.19	22.10	22.13		
3	16QAM	1	0	22.01	22.16	22.06		
3	16QAM	1	8	22.01	22.09	22.33	24	0
3	16QAM	1	14	22.16	22.00	22.05		
3	16QAM	8	0	21.49	21.41	21.39		
3	16QAM	8	4	21.38	21.51	21.16	23	1
3	16QAM	8	7	21.18	21.51	21.33		
3	16QAM	15	0	21.55	21.40	21.41		
3	64QAM	1	0	21.36	21.22	21.49		
3	64QAM	1	8	21.48	21.25	21.15	23	1
3	64QAM	1	14	21.21	21.33	21.37		
3	64QAM	8	0	20.53	20.37	20.49		
3	64QAM	8	4	20.15	20.31	20.25	22	2
3	64QAM	8	7	20.23	20.18	20.22		
3	64QAM	15	0	20.37	20.24	20.35		
3	256QAM	1	0	18.52	18.43	18.15		
3	256QAM	1	8	18.23	18.28	18.17	20	4
3	256QAM	1	14	18.51	18.10	18.43		
3	256QAM	8	0	18.50	18.34	18.16		
3	256QAM	8	4	18.34	18.17	18.34	20	4
3	256QAM	8	7	18.28	18.09	18.52		
3	256QAM	15	0	18.11	18.32	18.43		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.32	22.47	22.29		
1.4	QPSK	1	3	22.32	22.26	22.45		
1.4	QPSK	1	5	22.44	22.31	22.22	24	0
1.4	QPSK	3	0	22.23	22.32	22.07		
1.4	QPSK	3	1	22.24	22.33	22.19		
1.4	QPSK	3	3	22.31	22.13	22.25		
1.4	QPSK	6	0	22.30	22.32	22.15	24	0
1.4	16QAM	1	0	22.23	22.18	22.18		
1.4	16QAM	1	3	22.17	22.10	22.23		
1.4	16QAM	1	5	22.33	22.19	22.15	24	0
1.4	16QAM	3	0	22.17	22.33	22.29		
1.4	16QAM	3	1	22.11	22.28	22.27		
1.4	16QAM	3	3	22.46	22.14	22.23		
1.4	16QAM	6	0	21.53	21.50	21.26	23	1
1.4	64QAM	1	0	21.50	21.39	21.59		
1.4	64QAM	1	3	21.42	21.11	21.53		
1.4	64QAM	1	5	21.09	21.42	21.27	23	1
1.4	64QAM	3	0	21.38	21.48	21.45		
1.4	64QAM	3	1	21.25	21.20	21.38		
1.4	64QAM	3	3	21.30	21.32	21.15		
1.4	64QAM	6	0	20.29	20.68	20.27	22	2
1.4	256QAM	1	0	18.62	18.43	18.53		
1.4	256QAM	1	3	18.40	18.49	18.22		
1.4	256QAM	1	5	18.40	18.57	18.68	20	4
1.4	256QAM	3	0	18.58	18.46	18.36		
1.4	256QAM	3	1	18.12	18.53	18.53		
1.4	256QAM	3	3	18.60	18.54	18.52		
1.4	256QAM	6	0	18.54	18.51	18.30	20	4

22.09

Band 13 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.32			
10	QPSK	1	25		22.21		24	0
10	QPSK	1	49		22.25			
10	QPSK	25	0		22.28			
10	QPSK	25	12		22.19		24	0
10	QPSK	25	25		22.06			
10	QPSK	50	0		22.11			
10	16QAM	1	0		22.06			
10	16QAM	1	25		22.14		24	0
10	16QAM	1	49		22.07			
10	16QAM	25	0		21.28			
10	16QAM	25	12		21.28		23	1
10	16QAM	25	25		21.38			
10	16QAM	50	0		21.53			
10	64QAM	1	0		21.16			
10	64QAM	1	25		21.22		23	1
10	64QAM	1	49		21.45			
10	64QAM	25	0		20.25			
10	64QAM	25	12		20.49		22	2
10	64QAM	25	25		20.22			
10	64QAM	50	0		20.29			
10	256QAM	1	0		18.09			
10	256QAM	1	25		18.03		20	4
10	256QAM	1	49		18.09			
10	256QAM	25	0		18.63			
10	256QAM	25	12		18.14		20	4
10	256QAM	25	25		18.29			
10	256QAM	50	0		18.35			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.28	22.28	22.01		
5	QPSK	1	12	22.08	22.04	22.17	24	0
5	QPSK	1	24	22.17	22.15	22.06		
5	QPSK	12	0	22.05	22.24	22.00		
5	QPSK	12	7	22.00	22.02	22.00	24	0
5	QPSK	12	13	22.00	22.05	22.14		
5	QPSK	25	0	22.00	22.09	22.03		
5	16QAM	1	0	22.04	22.03	22.00		
5	16QAM	1	12	22.01	22.19	22.10	24	0
5	16QAM	1	24	22.01	22.05	22.09		
5	16QAM	12	0	21.40	21.21	21.22		
5	16QAM	12	7	21.45	21.18	21.02	23	1
5	16QAM	12	13	21.24	21.39	21.12		
5	16QAM	25	0	21.42	21.54	21.21		
5	64QAM	1	0	21.30	21.06	21.25		
5	64QAM	1	12	21.32	21.08	21.00	23	1
5	64QAM	1	24	21.06	21.34	21.36		
5	64QAM	12	0	20.46	20.13	20.41		
5	64QAM	12	7	20.02	20.40	20.10	22	2
5	64QAM	12	13	20.17	20.29	20.17		
5	64QAM	25	0	20.17	20.36	20.36		
5	256QAM	1	0	18.28	18.41	18.25		
5	256QAM	1	12	18.14	18.03	18.11	20	4
5	256QAM	1	24	18.25	18.03	18.32		
5	256QAM	12	0	18.22	18.45	18.00		
5	256QAM	12	7	18.30	18.11	18.19	20	4
5	256QAM	12	13	18.31	18.20	18.28		
5	256QAM	25	0	18.06	18.35	18.34		

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	22.30	22.32	22.18		
10	QPSK	1	25	22.01	22.01	22.03	24	0
10	QPSK	1	49	22.06	22.13	22.02		
10	QPSK	25	0	22.12	22.23	22.03		
10	QPSK	25	12	22.00	22.14	22.15	24	0
10	QPSK	25	25	22.07	22.10	22.13		
10	QPSK	50	0	22.05	22.19	22.06		
10	16QAM	1	0	22.23	22.01	22.11		
10	16QAM	1	25	22.19	22.08	22.20	24	0
10	16QAM	1	49	22.11	22.15	22.14		
10	16QAM	25	0	21.36	21.26	21.23		
10	16QAM	25	12	21.44	21.30	21.00	23	1
10	16QAM	25	25	21.12	21.15	21.15		
10	16QAM	50	0	21.42	21.46	21.17		
10	64QAM	1	0	21.27	21.01	21.32		
10	64QAM	1	25	21.35	21.12	21.01	23	1
10	64QAM	1	49	21.08	21.26	21.27		
10	64QAM	25	0	20.51	20.11	20.45		
10	64QAM	25	12	20.03	20.32	20.04	22	2
10	64QAM	25	25	20.29	20.18	20.20		
10	64QAM	50	0	20.11	20.36	20.32		
10	256QAM	1	0	18.32	18.07	18.08		
10	256QAM	1	25	18.07	18.28	18.06	20	4
10	256QAM	1	49	18.31	18.07	18.20		
10	256QAM	25	0	18.28	18.48	18.06		
10	256QAM	25	12	18.29	18.11	18.08	20	4
10	256QAM	25	25	18.28	18.14	18.31		
10	256QAM	50	0	18.06	18.25	18.21		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.21	22.25	22.08		
5	QPSK	1	12	22.16	22.14	22.16	24	0
5	QPSK	1	24	22.03	22.27	22.05		
5	QPSK	12	0	22.05	22.21	22.10		
5	QPSK	12	7	22.14	22.17	22.12	24	0
5	QPSK	12	13	22.12	22.03	22.14		
5	QPSK	25	0	22.08	22.00	22.03		
5	16QAM	1	0	22.04	22.01	22.04		
5	16QAM	1	12	22.04	22.21	22.07	24	0
5	16QAM	1	24	22.06	22.05	22.09		
5	16QAM	12	0	21.36	21.20	21.29		
5	16QAM	12	7	21.42	21.23	21.04	23	1
5	16QAM	12	13	21.27	21.04	21.02		
5	16QAM	25	0	21.30	21.53	21.08		
5	64QAM	1	0	21.26	21.06	21.14		
5	64QAM	1	12	21.38	21.03	21.27	23	1
5	64QAM	1	24	21.22	21.24	21.35		
5	64QAM	12	0	20.34	20.28	20.44		
5	64QAM	12	7	20.02	20.42	20.20	22	2
5	64QAM	12	13	20.24	20.10	20.17		
5	64QAM	25	0	20.24	20.32	20.21		
5	256QAM	1	0	18.30	18.32	18.15		
5	256QAM	1	12	18.04	18.08	18.11	20	4
5	256QAM	1	24	18.13	18.09	18.27		
5	256QAM	12	0	18.26	18.50	18.02		
5	256QAM	12	7	18.32	18.02	18.15	20	4
5	256QAM	12	13	18.22	18.02	18.27		
5	256QAM	25	0	18.08	18.37	18.36		

Band 25 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				26140	26340	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.31	20.35	20.18		
20	QPSK	1	49	20.07	20.16	20.19	21.5	0
20	QPSK	1	99	20.02	20.12	20.10		
20	QPSK	50	0	20.23	20.31	20.19		
20	QPSK	50	24	20.01	20.17	19.92	21.5	0
20	QPSK	50	50	20.09	19.99	19.83		
20	QPSK	100	0	20.15	20.27	20.21		
20	16QAM	1	0	20.21	20.28	20.02		
20	16QAM	1	49	20.05	20.14	19.98	21.5	0
20	16QAM	1	99	20.01	20.01	20.13		
20	16QAM	50	0	20.16	20.15	19.96		
20	16QAM	50	24	20.14	20.04	19.95	21.5	0
20	16QAM	50	50	20.26	20.13	20.00		
20	16QAM	100	0	20.00	20.02	20.04		
20	64QAM	1	0	20.07	20.02	20.04		
20	64QAM	1	49	20.21	20.09	19.92	21.5	0
20	64QAM	1	99	20.08	20.14	20.05		
20	64QAM	50	0	19.54	19.58	19.52		
20	64QAM	50	24	19.38	19.52	19.37	21	0.5
20	64QAM	50	50	19.39	19.32	19.41		
20	64QAM	100	0	19.39	19.54	19.34		
20	256QAM	1	0	17.49	17.66	17.67		
20	256QAM	1	49	17.34	17.41	17.36	19	2.5
20	256QAM	1	99	17.50	17.64	17.62		
20	256QAM	50	0	17.44	17.53	17.34		
20	256QAM	50	24	17.40	17.45	17.35	19	2.5
20	256QAM	50	50	17.48	17.63	17.58		
20	256QAM	100	0	17.49	17.51	17.45		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.14	20.11	20.02		
15	QPSK	1	37	20.17	20.02	20.13	21.5	0
15	QPSK	1	74	20.07	19.99	20.08		
15	QPSK	36	0	20.22	20.13	20.05		
15	QPSK	36	20	19.93	20.05	19.92	21.5	0
15	QPSK	36	39	19.95	20.12	19.82		
15	QPSK	75	0	20.26	20.25	19.94		
15	16QAM	1	0	20.04	20.22	19.94		
15	16QAM	1	37	20.14	20.03	19.93	21.5	0
15	16QAM	1	74	20.16	20.08	20.01		
15	16QAM	36	0	20.02	20.18	20.05		
15	16QAM	36	20	20.05	20.17	20.17	21.5	0
15	16QAM	36	39	20.25	20.15	19.99		
15	16QAM	75	0	19.97	20.01	19.92		
15	64QAM	1	0	20.12	20.15	20.03		
15	64QAM	1	37	20.10	19.99	19.78	21.5	0
15	64QAM	1	74	20.15	19.94	20.03		
15	64QAM	36	0	19.54	19.64	19.58		
15	64QAM	36	20	19.45	19.52	19.35	21	0.5
15	64QAM	36	39	19.38	19.32	19.41		
15	64QAM	75	0	19.39	19.44	19.41		
15	256QAM	1	0	17.44	17.61	17.67		
15	256QAM	1	37	17.35	17.47	17.39	19	2.5
15	256QAM	1	74	17.56	17.62	17.64		
15	256QAM	36	0	17.47	17.53	17.41		
15	256QAM	36	20	17.39	17.49	17.43	19	2.5
15	256QAM	36	39	17.52	17.65	17.56		
15	256QAM	75	0	17.41	17.57	17.38		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.11	20.14	20.17		
10	QPSK	1	25	19.97	20.03	20.11	21.5	0
10	QPSK	1	49	20.06	20.07	19.89		
10	QPSK	25	0	20.22	20.10	19.99		
10	QPSK	25	12	20.04	20.03	20.12	21.5	0
10	QPSK	25	25	19.97	20.01	20.00		
10	QPSK	50	0	20.10	20.27	19.95		
10	16QAM	1	0	20.16	20.19	19.84		
10	16QAM	1	25	20.05	20.09	19.92	21.5	0
10	16QAM	1	49	20.03	20.19	20.15		
10	16QAM	25	0	20.06	19.97	20.09		
10	16QAM	25	12	20.08	20.14	19.95	21.5	0
10	16QAM	25	25	20.23	19.96	20.11		
10	16QAM	50	0	20.01	20.06	20.02		
10	64QAM	1	0	20.01	20.12	19.91		
10	64QAM	1	25	20.19	19.89	19.92	21.5	0
10	64QAM	1	49	20.05	20.02	20.00		
10	64QAM	25	0	19.62	19.65	19.65		
10	64QAM	25	12	19.51	19.50	19.34	21	0.5
10	64QAM	25	25	19.43	19.39	19.38		
10	64QAM	50	0	19.31	19.45	19.42		
10	256QAM	1	0	17.42	17.67	17.68		
10	256QAM	1	25	17.28	17.47	17.25	19	2.5
10	256QAM	1	49	17.52	17.68	17.60		
10	256QAM	25	0	17.41	17.65	17.37		
10	256QAM	25	12	17.46	17.43	17.49	19	2.5
10	256QAM	25	25	17.48	17.61	17.53		
10	256QAM	50	0	17.49	17.53	17.50		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.08	20.30	20.02		
5	QPSK	1	12	20.01	20.11	20.15	21.5	0
5	QPSK	1	24	19.93	20.11	19.93		
5	QPSK	12	0	20.08	20.18	20.00		
5	QPSK	12	7	20.03	19.98	19.96	21.5	0
5	QPSK	12	13	20.04	20.06	19.84		
5	QPSK	25	0	20.13	20.10	19.83		
5	16QAM	1	0	20.00	20.24	19.91		
5	16QAM	1	12	20.23	19.92	19.94	21.5	0
5	16QAM	1	24	19.95	20.04	20.15		
5	16QAM	12	0	19.99	20.16	20.03		
5	16QAM	12	7	20.05	20.11	20.04	21.5	0
5	16QAM	12	13	20.04	19.99	20.01		
5	16QAM	25	0	19.96	20.06	19.97		
5	64QAM	1	0	20.10	20.01	19.97		
5	64QAM	1	12	20.21	19.95	19.79	21.5	0
5	64QAM	1	24	20.22	20.15	19.89		
5	64QAM	12	0	19.60	19.64	19.59		
5	64QAM	12	7	19.50	19.51	19.24	21	0.5
5	64QAM	12	13	19.45	19.39	19.33		
5	64QAM	25	0	19.30	19.48	19.40		
5	256QAM	1	0	17.49	17.57	17.60		
5	256QAM	1	12	17.30	17.41	17.34	19	2.5
5	256QAM	1	24	17.52	17.63	17.59		
5	256QAM	12	0	17.45	17.58	17.36		
5	256QAM	12	7	17.34	17.49	17.42	19	2.5
5	256QAM	12	13	17.48	17.67	17.52		
5	256QAM	25	0	17.42	17.57	17.39		
Channel				26055	26340	26625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.17	20.25	19.99		
3	QPSK	1	8	20.10	20.08	20.17	21.5	0
3	QPSK	1	14	20.13	19.98	19.97		
3	QPSK	8	0	20.21	20.10	20.07		
3	QPSK	8	4	19.99	20.11	20.06	21.5	0
3	QPSK	8	7	20.01	19.95	19.91		
3	QPSK	15	0	20.21	20.09	19.98		
3	16QAM	1	0	20.01	20.14	20.03		
3	16QAM	1	8	20.12	19.99	19.95	21.5	0
3	16QAM	1	14	20.14	19.97	20.13		
3	16QAM	8	0	20.00	20.10	20.07		
3	16QAM	8	4	20.11	20.23	20.13	21.5	0
3	16QAM	8	7	20.07	20.07	19.98		
3	16QAM	15	0	20.13	20.05	20.03		
3	64QAM	1	0	20.11	20.12	20.05		
3	64QAM	1	8	20.20	19.91	19.82	21.5	0
3	64QAM	1	14	20.02	19.95	19.85		
3	64QAM	8	0	19.51	19.61	19.63		
3	64QAM	8	4	19.42	19.50	19.34	21	0.5
3	64QAM	8	7	19.43	19.33	19.42		
3	64QAM	15	0	19.38	19.48	19.46		
3	256QAM	1	0	17.43	17.64	17.58		
3	256QAM	1	8	17.40	17.49	17.24	19	2.5
3	256QAM	1	14	17.49	17.69	17.61		
3	256QAM	8	0	17.39	17.52	17.38		
3	256QAM	8	4	17.35	17.49	17.39	19	2.5
3	256QAM	8	7	17.45	17.62	17.57		
3	256QAM	15	0	17.47	17.52	17.46		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.28	20.15	20.02		
1.4	QPSK	1	3	20.12	20.04	20.10		
1.4	QPSK	1	5	19.93	20.10	19.93	21.5	0
1.4	QPSK	3	0	20.13	20.13	20.05		
1.4	QPSK	3	1	20.10	20.10	20.04		
1.4	QPSK	3	3	20.05	20.11	19.93		
1.4	QPSK	6	0	20.07	20.11	20.02	21.5	0
1.4	16QAM	1	0	20.05	20.09	19.89		
1.4	16QAM	1	3	20.11	20.00	20.01		
1.4	16QAM	1	5	20.09	20.01	20.09	21.5	0
1.4	16QAM	3	0	20.16	19.97	20.10		
1.4	16QAM	3	1	20.26	19.99	20.00		
1.4	16QAM	3	3	20.19	20.00	20.02		
1.4	16QAM	6	0	19.92	20.13	19.94	21.5	0
1.4	64QAM	1	0	20.04	20.06	19.91		
1.4	64QAM	1	3	20.09	20.06	19.95		
1.4	64QAM	1	5	20.01	20.04	19.97	21.5	0
1.4	64QAM	3	0	19.87	19.94	20.01		
1.4	64QAM	3	1	20.08	20.08	20.05		
1.4	64QAM	3	3	20.04	20.05	19.86		
1.4	64QAM	6	0	19.92	20.12	19.84	21	0.5
1.4	256QAM	1	0	17.64	17.77	17.80		
1.4	256QAM	1	3	17.68	17.79	17.36		
1.4	256QAM	1	5	17.75	17.77	17.61	19	2.5
1.4	256QAM	3	0	17.70	17.68	17.64		
1.4	256QAM	3	1	17.73	17.82	17.51		
1.4	256QAM	3	3	17.69	17.71	17.45		
1.4	256QAM	6	0	17.69	17.65	17.56	19	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				26765	26865	26963		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.28	22.39	22.16		
15	QPSK	1	37	22.26	22.24	22.14	24	0
15	QPSK	1	74	22.11	22.14	22.13		
15	QPSK	36	0	22.12	22.26	22.18		
15	QPSK	36	20	22.18	22.17	22.21	24	0
15	QPSK	36	39	22.25	22.19	22.25		
15	QPSK	75	0	22.16	22.18	22.11		
15	16QAM	1	0	22.16	22.27	22.24		
15	16QAM	1	37	22.21	22.16	22.19	24	0
15	16QAM	1	74	22.24	22.23	22.34		
15	16QAM	36	0	22.17	22.11	22.16		
15	16QAM	36	20	22.33	22.32	22.25	23	1
15	16QAM	36	39	22.31	22.15	22.13		
15	16QAM	75	0	22.23	22.25	22.26		
15	64QAM	1	0	22.25	22.14	22.19		
15	64QAM	1	37	22.26	22.22	22.27	23	1
15	64QAM	1	74	22.20	22.23	22.19		
15	64QAM	36	0	20.48	20.01	20.27		
15	64QAM	36	20	20.07	20.21	20.02	22	2
15	64QAM	36	39	20.27	20.14	20.20		
15	64QAM	75	0	20.01	20.47	20.41		
15	256QAM	1	0	18.29	18.17	18.24		
15	256QAM	1	37	18.12	18.24	18.13	20	4
15	256QAM	1	74	18.24	18.06	18.30		
15	256QAM	36	0	18.29	18.40	18.10		
15	256QAM	36	20	18.33	18.17	18.18	20	4
15	256QAM	36	39	18.24	18.05	18.40		
15	256QAM	75	0	18.03	18.33	18.20		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.27	22.23	22.19		
10	QPSK	1	25	22.30	22.28	22.19	24	0
10	QPSK	1	49	22.21	22.29	22.12		
10	QPSK	25	0	22.33	22.34	22.17		
10	QPSK	25	12	22.19	22.20	22.26	24	0
10	QPSK	25	25	22.21	22.23	22.20		
10	QPSK	50	0	22.35	22.13	22.35		
10	16QAM	1	0	22.19	22.27	22.12		
10	16QAM	1	25	22.34	22.11	22.29	24	0
10	16QAM	1	49	22.25	22.11	22.21		
10	16QAM	25	0	22.27	22.14	22.24		
10	16QAM	25	12	22.14	22.24	22.35	23	1
10	16QAM	25	25	22.14	22.31	22.22		
10	16QAM	50	0	22.27	22.33	22.30		
10	64QAM	1	0	22.17	22.26	22.28		
10	64QAM	1	25	22.25	22.34	22.14	23	1
10	64QAM	1	49	22.29	22.26	22.29		
10	64QAM	25	0	20.54	20.20	20.53		
10	64QAM	25	12	20.11	20.21	20.09	22	2
10	64QAM	25	25	20.20	20.24	20.11		
10	64QAM	50	0	20.19	20.45	20.41		
10	256QAM	1	0	18.30	18.07	18.10		
10	256QAM	1	25	18.09	18.04	18.05	20	4
10	256QAM	1	49	18.39	18.16	18.18		
10	256QAM	25	0	18.31	18.07	18.05		
10	256QAM	25	12	18.27	18.05	18.02	20	4
10	256QAM	25	25	18.39	18.24	18.20		
10	256QAM	50	0	18.03	18.24	18.33		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.20	22.20	22.11		
5	QPSK	1	12	22.12	22.29	22.29	24	0
5	QPSK	1	24	22.28	22.19	22.20		
5	QPSK	12	0	22.25	22.34	22.26		
5	QPSK	12	7	22.16	22.12	22.30	24	0
5	QPSK	12	13	22.31	22.26	22.31		
5	QPSK	25	0	22.15	22.21	22.31		
5	16QAM	1	0	22.25	22.29	22.24		
5	16QAM	1	12	22.32	22.11	22.22	24	0
5	16QAM	1	24	22.33	22.14	22.28		
5	16QAM	12	0	22.13	22.17	22.21		
5	16QAM	12	7	22.24	22.21	22.17	23	1
5	16QAM	12	13	22.30	22.18	22.29		
5	16QAM	25	0	22.14	22.12	22.19		
5	64QAM	1	0	22.17	22.13	22.25		
5	64QAM	1	12	22.16	22.29	22.30	23	1
5	64QAM	1	24	22.15	22.34	22.25		
5	64QAM	12	0	20.28	20.17	20.28		
5	64QAM	12	7	20.01	20.41	20.01	22	2
5	64QAM	12	13	20.28	20.24	20.15		
5	64QAM	25	0	20.16	20.37	20.30		
5	256QAM	1	0	18.23	18.08	18.06		
5	256QAM	1	12	18.07	18.06	18.17	20	4
5	256QAM	1	24	18.26	18.07	18.18		
5	256QAM	12	0	18.36	18.38	18.13		
5	256QAM	12	7	18.27	18.14	18.13	20	4
5	256QAM	12	13	18.16	18.07	18.32		
5	256QAM	25	0	18.10	18.17	18.13		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.27	22.26	22.24		
3	QPSK	1	8	22.25	22.22	22.30	24	0
3	QPSK	1	14	22.35	22.18	22.26		
3	QPSK	8	0	22.12	22.30	22.26		
3	QPSK	8	4	22.14	22.18	22.26	24	0
3	QPSK	8	7	22.20	22.14	22.16		
3	QPSK	15	0	22.19	22.13	22.31		
3	16QAM	1	0	22.20	22.28	22.27		
3	16QAM	1	8	22.16	22.18	22.11	24	0
3	16QAM	1	14	22.22	22.29	22.12		
3	16QAM	8	0	22.18	22.17	22.30		
3	16QAM	8	4	22.32	22.28	22.13	23	1
3	16QAM	8	7	22.15	22.32	22.28		
3	16QAM	15	0	22.12	22.22	22.13		
3	64QAM	1	0	22.12	22.30	22.24		
3	64QAM	1	8	22.28	22.31	22.22	23	1
3	64QAM	1	14	22.32	22.11	22.29		
3	64QAM	8	0	20.18	20.12	20.36		
3	64QAM	8	4	20.16	20.02	20.16	22	2
3	64QAM	8	7	20.21	20.10	20.24		
3	64QAM	15	0	20.10	20.30	20.24		
3	256QAM	1	0	18.44	18.02	18.15		
3	256QAM	1	8	18.18	18.05	18.17	20	4
3	256QAM	1	14	18.21	18.06	18.26		
3	256QAM	8	0	18.10	18.10	18.16		
3	256QAM	8	4	18.39	18.01	18.03	20	4
3	256QAM	8	7	18.21	18.03	18.34		
3	256QAM	15	0	18.04	18.37	18.18		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.28	22.26		
1.4	QPSK	1	3	22.01	22.06	22.25		
1.4	QPSK	1	5	22.16	22.00	22.01	24	0
1.4	QPSK	3	0	22.07	22.23	22.11		
1.4	QPSK	3	1	22.07	22.05	22.13		
1.4	QPSK	3	3	22.17	22.25	22.06		
1.4	QPSK	6	0	22.01	22.17	22.06	24	0
1.4	16QAM	1	0	22.04	22.21	22.07		
1.4	16QAM	1	3	22.00	22.08	22.19		
1.4	16QAM	1	5	22.20	22.28	22.04	24	0
1.4	16QAM	3	0	22.05	22.10	22.13		
1.4	16QAM	3	1	22.01	22.07	22.27		
1.4	16QAM	3	3	22.09	22.07	22.25		
1.4	16QAM	6	0	21.29	21.31	21.03	23	1
1.4	64QAM	1	0	21.09	21.20	21.17		
1.4	64QAM	1	3	21.30	21.28	21.31		
1.4	64QAM	1	5	21.06	21.11	21.23	23	1
1.4	64QAM	3	0	21.43	21.07	21.06		
1.4	64QAM	3	1	21.00	21.05	21.00		
1.4	64QAM	3	3	21.30	21.24	21.17		
1.4	64QAM	6	0	20.31	20.25	20.31	22	2
1.4	256QAM	1	0	18.30	18.03	18.17		
1.4	256QAM	1	3	18.01	18.27	18.17		
1.4	256QAM	1	5	18.25	18.16	18.00	20	4
1.4	256QAM	3	0	18.11	18.31	18.01		
1.4	256QAM	3	1	18.08	18.22	18.23		
1.4	256QAM	3	3	18.02	18.13	18.27		
1.4	256QAM	6	0	18.06	18.24	18.16	20	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.40	17.46	17.32		
20	QPSK	1	49	17.20	17.31	17.06	19	0
20	QPSK	1	99	17.21	17.16	17.23		
20	QPSK	50	0	17.19	17.43	17.29		
20	QPSK	50	24	17.24	17.34	17.16	19	0
20	QPSK	50	50	17.31	17.20	17.19		
20	QPSK	100	0	17.39	17.41	17.33		
20	16QAM	1	0	17.24	17.24	17.28		
20	16QAM	1	49	17.18	17.38	17.10	19	0
20	16QAM	1	99	17.18	17.38	17.08		
20	16QAM	50	0	17.06	17.24	17.13		
20	16QAM	50	24	17.20	17.25	17.24	19	0
20	16QAM	50	50	17.12	17.20	17.25		
20	16QAM	100	0	17.26	17.06	17.24		
20	64QAM	1	0	17.18	17.36	17.19		
20	64QAM	1	49	17.20	17.26	17.29	19	0
20	64QAM	1	99	17.29	17.09	17.12		
20	64QAM	50	0	17.20	17.40	17.17		
20	64QAM	50	24	17.36	17.28	17.05	19	0
20	64QAM	50	50	17.31	17.16	17.26		
20	64QAM	100	0	17.16	17.19	17.34		
20	256QAM	1	0	17.18	17.34	17.24		
20	256QAM	1	49	17.13	17.26	17.21	19	0
20	256QAM	1	99	17.19	17.35	17.33		
20	256QAM	50	0	17.34	17.20	17.35		
20	256QAM	50	24	17.06	17.29	17.18	19	0
20	256QAM	50	50	17.04	17.31	17.06		
20	256QAM	100	0	17.26	17.22	17.18		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.29	17.39	17.15		
15	QPSK	1	37	17.32	17.40	17.06	19	0
15	QPSK	1	74	17.20	17.13	17.37		
15	QPSK	36	0	17.23	17.30	17.27		
15	QPSK	36	20	17.25	17.28	17.22	19	0
15	QPSK	36	39	17.21	17.36	17.18		
15	QPSK	75	0	17.35	17.19	17.20		
15	16QAM	1	0	17.23	17.26	17.23		
15	16QAM	1	37	17.20	17.26	17.20	19	0
15	16QAM	1	74	17.27	17.39	17.18		
15	16QAM	36	0	17.23	17.30	17.08		
15	16QAM	36	20	17.15	17.23	17.34	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.89	20.92	20.85	22.4	0
20	QPSK	1	49	20.74	20.78	20.64		
20	QPSK	1	99	20.76	20.78	20.67		
20	QPSK	50	0	20.78	20.89	20.82		
20	QPSK	50	24	20.68	20.85	20.71		
20	QPSK	50	50	20.61	20.71	20.87		
20	QPSK	100	0	20.71	20.88	20.67		
20	16QAM	1	0	20.46	20.65	20.77		
20	16QAM	1	49	20.70	20.74	20.63		
20	16QAM	1	99	20.71	20.84	20.60		
20	16QAM	50	0	20.59	20.91	20.57		
20	16QAM	50	24	20.60	20.69	20.74		
20	16QAM	50	50	20.66	20.64	20.62		
20	16QAM	100	0	20.83	20.63	20.78		
20	64QAM	1	0	20.82	20.86	20.77		
20	64QAM	1	49	20.57	20.77	20.74		
20	64QAM	1	99	20.68	20.72	20.46		
20	64QAM	50	0	20.61	20.68	20.49		
20	64QAM	50	24	20.91	20.77	20.55		
20	64QAM	50	50	20.86	20.68	20.82		
20	64QAM	100	0	20.60	20.53	20.68		
20	256QAM	1	0	19.01	19.26	19.06	20.9	1.5
20	256QAM	1	49	19.40	19.32	19.23		
20	256QAM	1	99	19.42	19.15	19.42		
20	256QAM	50	0	19.32	19.32	19.25		
20	256QAM	50	24	19.09	19.45	19.28		
20	256QAM	50	50	19.24	19.41	19.01		
20	256QAM	100	0	19.19	19.01	19.28		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.67	20.81	20.71	22.4	0
15	QPSK	1	37	20.73	20.65	20.64		
15	QPSK	1	74	20.72	20.78	20.67		
15	QPSK	36	0	20.73	20.82	20.76		
15	QPSK	36	20	20.65	20.76	20.70		
15	QPSK	36	39	20.55	20.69	20.66		
15	QPSK	75	0	20.56	20.75	20.52		
15	16QAM	1	0	20.65	20.52	20.60		
15	16QAM	1	37	20.71	20.62	20.54		
15	16QAM	1	74	20.54	20.84	20.56		
15	16QAM	36	0	20.41	20.71	20.55		
15	16QAM	36	20	20.47	20.66	20.74		
15	16QAM	36	39	20.46	20.54	20.60		
15	16QAM	75	0	20.73	20.43	20.71		
15	64QAM	1	0	20.64	20.74	20.65		
15	64QAM	1	37	20.63	20.72	20.64		
15	64QAM	1	74	20.50	20.61	20.60		
15	64QAM	36	0	20.44	20.46	20.65		
15	64QAM	36	20	20.87	20.66	20.49		
15	64QAM	36	39	20.77	20.53	20.66		
15	64QAM	75	0	20.59	20.70	20.60		
15	256QAM	1	0	19.06	19.32	19.00		
15	256QAM	1	37	19.40	19.34	19.11		
15	256QAM	1	74	19.42	19.15	19.50		
15	256QAM	36	0	19.15	19.35	19.29		
15	256QAM	36	20	19.07	19.37	19.15		
15	256QAM	36	39	19.30	19.41	19.09		
15	256QAM	75	0	19.13	19.22	19.26		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.75	20.72	20.63	22.4	0
10	QPSK	1	25	20.64	20.66	20.55		
10	QPSK	1	49	20.70	20.61	20.46		
10	QPSK	25	0	20.72	20.78	20.75		
10	QPSK	25	12	20.56	20.85	20.77		
10	QPSK	25	25	20.48	20.66	20.75		
10	QPSK	50	0	20.56	20.84	20.68		
10	16QAM	1	0	20.44	20.58	20.63		
10	16QAM	1	25	20.56	20.68	20.51		
10	16QAM	1	49	20.59	20.62	20.52		
10	16QAM	25	0	20.57	20.85	20.73		
10	16QAM	25	12	20.48	20.59	20.66		
10	16QAM	25	25	20.59	20.66	20.52		
10	16QAM	50	0	20.70	20.42	20.72		
10	64QAM	1	0	20.61	20.72	20.63		
10	64QAM	1	25	20.48	20.66	20.65		
10	64QAM	1	49	20.55	20.57	20.79		
10	64QAM	25	0	20.55	20.47	20.49		
10	64QAM	25	12	20.70	20.65	20.54		
10	64QAM	25	25	20.71	20.57	20.67		
10	64QAM	50	0	20.42	20.40	20.50		
10	256QAM	1	0	19.01	19.19	18.95		
10	256QAM	1	25	19.33	19.19	19.11		
10	256QAM	1	49	19.23	19.16	19.40		
10	256QAM	25	0	19.35	19.37	19.23		
10	256QAM	25	12	19.19	19.32	19.16		
10	256QAM	25	25	19.36	19.32	19.00		
10	256QAM	50	0	19.15	19.22	19.18		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.81	20.83	20.67	22.4	0
5	QPSK	1	12	20.68	20.64	20.45		
5	QPSK	1	24	20.77	20.71	20.65		
5	QPSK	12	0	20.75	20.73	20.67		
5	QPSK	12	7	20.47	20.73	20.75		
5	QPSK	12	13	20.60	20.72	20.81		
5	QPSK	25	0	20.53	20.87	20.61		
5	16QAM	1	0	20.67	20.64	20.62		
5	16QAM	1	12	20.64	20.54	20.44		
5	16QAM	1	24	20.59	20.82	20.73		
5	16QAM	12	0	20.53	20.85	20.78		
5	16QAM	12	7	20.42	20.59	20.60		
5	16QAM	12	13	20.62	20.47	20.53		
5	16QAM	25	0	20.75	20.64	20.70		
5	64QAM	1	0	20.67	20.73	20.57		
5	64QAM	1	12	20.51	20.60	20.59		
5	64QAM	1	24	20.55	20.64	20.47		
5	64QAM	12	0	20.42	20.68	20.40		
5	64QAM	12	7	20.56	20.78	20.59		
5	64QAM	12	13	20.84	20.68	20.78		
5	64QAM	25	0	20.61	20.43	20.60		
5	256QAM	1	0	18.99	19.16	19.00		
5	256QAM	1	12	19.30	19.35	19.13		
5	256QAM	1	24	19.39	19.28	19.47		
5	256QAM	12	0	19.30	19.46	19.22		
5	256QAM	12	7	19.06	19.29	19.11		
5	256QAM	12	13	19.20	19.26	19.02		
5	256QAM	25	0	19.17	19.05	19.28		

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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)				2680	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.82	20.98	21.01	20.90	20.92	22.4	0
20	QPSK	1	49	20.72	20.72	20.52	20.87	20.70		
20	QPSK	1	99	20.87	20.69	20.79	20.72	20.61		
20	QPSK	50	0	20.81	20.92	20.99	20.87	20.86		
20	QPSK	50	24	20.58	20.90	20.93	20.82	20.73		
20	QPSK	50	50	20.65	20.80	20.98	20.80	20.87		
20	QPSK	100	0	20.76	20.93	20.96	20.93	20.67		
20	16QAM	1	0	20.62	20.55	20.84	20.71	20.65		
20	16QAM	1	49	20.61	20.67	20.69	20.75	20.59		
20	16QAM	1	99	20.79	20.83	20.65	20.86	20.65		
20	16QAM	50	0	20.58	20.83	20.62	20.86	20.63		
20	16QAM	50	24	20.64	20.71	20.62	20.67	20.63		
20	16QAM	50	50	20.61	20.61	20.61	20.63	20.53		
20	16QAM	100	0	20.82	20.63	20.89	20.54	20.68		
20	64QAM	1	0	20.93	20.95	20.84	20.92	20.75		
20	64QAM	1	49	20.54	20.80	20.64	20.74	20.79		
20	64QAM	1	99	20.69	20.60	20.46	20.83	20.64		
20	64QAM	50	0	20.71	20.80	20.64	20.69	20.60		
20	64QAM	50	24	20.91	20.78	20.55	20.69	20.49		
20	64QAM	50	50	20.98	20.62	20.64	20.77	20.89		
20	64QAM	100	0	20.62	20.47	20.79	20.61	20.71		
20	256QAM	1	0	19.10	19.33	19.14	19.30	19.18		
20	256QAM	1	49	19.47	19.22	19.18	19.41	19.30		
20	256QAM	1	99	19.12	19.08	19.27	19.21	19.41		
20	256QAM	50	0	19.16	19.40	19.15	19.17	19.41		
20	256QAM	50	24	19.14	19.52	19.11	19.34	19.15		
20	256QAM	50	50	19.46	19.25	19.19	19.29	19.29		
20	256QAM	100	0	19.02	18.95	19.15	19.12	19.17		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2543.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.94	20.90	20.92	20.85	20.80	22	0
15	QPSK	1	37	20.63	20.76	20.71	20.75	20.67		
15	QPSK	1	74	20.71	20.87	20.64	20.84	20.57		
15	QPSK	36	0	20.68	20.99	20.75	20.91	20.86		
15	QPSK	36	20	20.78	20.94	20.82	20.77	20.70		
15	QPSK	36	39	20.52	20.83	20.77	20.76	20.81		
15	QPSK	75	0	20.78	20.98	20.67	20.95	20.58		
15	16QAM	1	0	20.54	20.54	20.76	20.69	20.69		
15	16QAM	1	37	20.75	20.69	20.69	20.81	20.63		
15	16QAM	1	74	20.70	20.92	20.51	20.89	20.54		
15	16QAM	36	0	20.56	20.81	20.57	20.80	20.61		
15	16QAM	36	20	20.62	20.63	20.78	20.78	20.73		
15	16QAM	36	39	20.71	20.75	20.65	20.52	20.57		
15	16QAM	75	0	20.78	20.66	20.77	20.58	20.80		
15	64QAM	1	0	20.91	20.81	20.74	20.87	20.76		
15	64QAM	1	37	20.68	20.65	20.77	20.79	20.85		
15	64QAM	1	74	20.73	20.68	20.48	20.81	20.45		
15	64QAM	36	0	20.68	20.75	20.53	20.60	20.50		
15	64QAM	36	20	20.92	20.88	20.61	20.72	20.66		
15	64QAM	36	39	20.87	20.75	20.82	20.63	20.84		
15	64QAM	75	0	20.67	20.62	20.62	20.59	20.62		
15	256QAM	1	0	19.10	19.11	19.19	19.30	19.09		
15	256QAM	1	37	19.23	19.15	19.24	19.23	18.93		
15	256QAM	1	74	19.31	19.14	19.37	19.14	19.23		
15	256QAM	36	0	19.16	19.40	19.36	19.32	19.38		
15	256QAM	36	20	19.18	19.31	19.24	19.26	19.20		
15	256QAM	36	39	19.31	19.23	19.14	19.36	19.14		
15	256QAM	75	0	19.08	19.06	19.12	19.23	19.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2541	2593	2639	2685		
10	QPSK	1	0	20.86	20.92	20.88	20.86	20.89	22	0
10	QPSK	1	25	20.82	20.86	20.55	20.83	20.59		
10	QPSK	1	49	20.86	20.72	20.60	20.72	20.61		
10	QPSK	25	0	20.77	20.91	20.79	20.92	20.89		
10	QPSK	25	12	20.64	20.91	20.92	20.74	20.79		
10	QPSK	25	25	20.52	20.82	20.88	20.80	20.79		
10	QPSK	50	0	20.65	20.92	20.83	20.93	20.60		
10	16QAM	1	0	20.41	20.74	20.66	20.57	20.73		
10	16QAM	1	25	20.59	20.80	20.59	20.78	20.64		
10	16QAM	1	49	20.60	20.84	20.55	20.76	20.72		
10	16QAM	25	0	20.64	20.89	20.67	20.95	20.55		
10	16QAM	25	12	20.63	20.77	20.77	20.64	20.72		
10	16QAM	25	25	20.69	20.64	20.55	20.62	20.60		
10	16QAM	50	0	20.90	20.56	20.71	20.64	20.83		
10	64QAM	1	0	20.84	20.87	20.86	20.98	20.66		
10	64QAM	1	25	20.66	20.82	20.73	20.82	20.81		
10	64QAM	1	49	20.70	20.64	20.48	20.77	20.55		
10	64QAM	25	0	20.64	20.75	20.91	20.61	20.60		
10	64QAM	25	12	21.00	20.76	20.64	20.72	20.55		
10	64QAM	25	25	20.75	20.69	20.73	20.73	20.89		
10	64QAM	50	0	20.52	20.56	20.74	20.61	20.66		
10	256QAM	1	0	19.15	19.27	19.16	19.38	19.05		
10	256QAM	1	25	19.41	19.25	19.02	19.29	18.93		
10	256QAM	1	49	19.19	19.06	19.27	19.18	19.23		
10	256QAM	25	0	19.15	19.35	19.23	19.23	19.48		
10	256QAM	25	12	19.08	19.46	19.18	19.43	19.29		
10	256QAM	25	25	19.33	19.27	19.13	19.22	19.29		
10	256QAM	50	0	19.07	19.15	19.00	19.19	19.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.96	20.90	20.82	20.83	20.90	22	0
5	QPSK	1	12	20.70	20.88	20.60	20.85	20.73		
5	QPSK	1	24	20.87	20.83	20.66	20.72	20.74		
5	QPSK	12	0	20.78	20.92	20.77	20.90	20.62		
5	QPSK	12	7	20.57	20.88	20.91	20.87	20.83		
5	QPSK	12	13	20.54	20.68	20.81	20.67	20.95		
5	QPSK	25	0	20.78	20.82	20.61	20.98	20.68		
5	16QAM	1	0	20.71	20.67	20.66	20.67	20.65		
5	16QAM	1	12	20.80	20.63	20.64	20.74	20.69		
5	16QAM	1	24	20.64	20.82	20.71	20.94	20.55		
5	16QAM	12	0	20.52	20.82	20.55	21.00	20.87		
5	16QAM	12	7	20.87	20.64	20.64	20.68	20.84		
5	16QAM	12	13	20.64	20.75	20.70	20.72	20.55		
5	16QAM	25	0	20.91	20.61	20.76	20.57	20.78		
5	64QAM	1	0	20.72	20.92	20.76	20.97	20.73		
5	64QAM	1	12	20.64	20.87	20.73	20.68	20.65		
5	64QAM	1	24	20.66	20.70	20.87	20.83	20.54		
5	64QAM	12	0	20.87	20.66	20.56	20.67	20.87		
5	64QAM	12	7	21.00	20.75	20.66	20.79	20.53		
5	64QAM	12	13	20.91	20.68	20.87	20.62	20.85		
5	64QAM	25	0	20.71	20.46	20.68	20.45	20.63		
5	256QAM	1	0	19.05	19.34	19.18	19.18	19.10		
5	256QAM	1	12	19.22	19.20	19.04	19.18	18.92		
5	256QAM	1	24	19.15	19.10	19.18	19.03	19.23		
5	256QAM	12	0	19.11	19.33	19.29	19.32	19.45		
5	256QAM	12	7	19.15	19.53	19.17	19.30	19.35		
5	256QAM	12	13	19.25	19.23	19.16	19.30	19.30		
5	256QAM	25	0	19.11	18.94	19.18	19.29	19.13		

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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	22.41	22.60	22.76	22.62	22.58	24	0
20	QPSK	1	49	22.52	22.49	22.42	22.73	22.59		
20	QPSK	1	99	22.71	22.58	22.64	22.55	22.50		
20	QPSK	50	0	22.37	22.54	22.75	22.61	22.53		
20	QPSK	50	24	22.29	22.63	22.47	22.52	22.39		
20	QPSK	50	50	22.39	22.40	22.67	22.44	22.53		
20	QPSK	100	0	22.55	22.53	22.70	22.66	22.33		
20	16QAM	1	0	22.33	22.29	22.50	22.47	22.28		
20	16QAM	1	49	22.42	22.43	22.42	22.54	22.26		
20	16QAM	1	99	22.39	22.47	22.34	22.58	22.45		
20	16QAM	50	0	22.19	22.41	22.25	22.44	22.38		
20	16QAM	50	24	22.32	22.48	22.27	22.30	22.45		
20	16QAM	50	50	22.42	22.24	22.40	22.34	22.25		
20	16QAM	100	0	22.63	22.30	22.63	22.29	22.36		
20	64QAM	1	0	22.52	22.58	22.48	22.47	22.39		
20	64QAM	1	49	22.57	22.60	22.52	22.43	22.45		
20	64QAM	1	99	22.34	22.59	22.63	22.59	22.48		
20	64QAM	50	0	22.41	22.43	22.24	22.51	22.35		
20	64QAM	50	24	22.56	22.60	22.24	22.43	22.48		
20	64QAM	50	50	22.66	22.26	22.53	22.38	22.59		
20	64QAM	100	0	22.28	22.12	22.38	22.35	22.35		
20	256QAM	1	0	21.34	21.39	21.27	21.47	21.37		
20	256QAM	1	49	21.53	21.51	21.35	21.51	21.29		
20	256QAM	1	99	21.38	21.43	21.52	21.32	21.76		
20	256QAM	50	0	21.38	21.51	21.35	21.52	21.59		
20	256QAM	50	24	21.51	21.54	21.46	21.50	21.42		
20	256QAM	50	50	21.51	21.54	21.42	21.53	21.40		
20	256QAM	100	0	21.24	21.34	21.28	21.34	21.38		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2543.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.42	22.67	22.69	22.68	22.65	24	0
15	QPSK	1	37	22.42	22.48	22.32	22.64	22.28		
15	QPSK	1	74	22.57	22.44	22.37	22.47	22.22		
15	QPSK	36	0	22.44	22.52	22.68	22.62	22.53		
15	QPSK	36	20	22.20	22.51	22.56	22.61	22.38		
15	QPSK	36	39	22.26	22.54	22.62	22.43	22.54		
15	QPSK	75	0	22.49	22.71	22.54	22.68	22.41		
15	16QAM	1	0	22.69	22.72	22.52	22.31	22.39		
15	16QAM	1	37	22.52	22.38	22.50	22.55	22.33		
15	16QAM	1	74	22.59	22.46	22.24	22.67	22.52		
15	16QAM	36	0	22.27	22.46	22.31	22.53	22.23		
15	16QAM	36	20	22.43	22.43	22.27	22.34	22.30		
15	16QAM	36	39	22.40	22.36	22.21	22.39	22.14		
15	16QAM	75	0	22.51	22.41	22.49	22.31	22.31		
15	64QAM	1	0	22.62	22.59	22.51	22.57	22.34		
15	64QAM	1	37	22.57	22.44	22.24	22.43	22.57		
15	64QAM	1	74	22.36	22.68	22.55	22.49	22.41		
15	64QAM	36	0	22.46	22.55	22.42	22.28	22.31		
15	64QAM	36	20	22.53	22.48	22.30	22.35	22.29		
15	64QAM	36	39	22.57	22.40	22.65	22.49	22.50		
15	64QAM	75	0	22.25	22.13	22.57	22.42	22.33		
15	256QAM	1	0	21.36	21.30	21.47	21.50	21.42		
15	256QAM	1	37	21.48	21.54	21.69	21.52	21.59		
15	256QAM	1	74	21.42	21.51	21.59	21.52	21.76		
15	256QAM	36	0	21.53	21.56	21.52	21.40	21.67		
15	256QAM	36	20	21.41	21.65	21.41	21.56	21.37		
15	256QAM	36	39	21.61	21.42	21.41	21.39	21.41		
15	256QAM	75	0	21.34	21.20	21.36	21.47	21.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2541	2593	2639	2685		
10	QPSK	1	0	22.61	22.64	22.67	22.66	22.70	24	0
10	QPSK	1	25	22.63	22.49	22.65	22.64	22.43		
10	QPSK	1	49	22.55	22.47	22.47	22.42	22.35		
10	QPSK	25	0	22.44	22.71	22.73	22.46	22.61		
10	QPSK	25	12	22.66	22.58	22.55	22.52	22.36		
10	QPSK	25	25	22.31	22.48	22.71	22.59	22.51		
10	QPSK	50	0	22.37	22.73	22.69	22.71	22.38		
10	16QAM	1	0	22.27	22.35	22.43	22.43	22.42		
10	16QAM	1	25	22.39	22.44	22.28	22.51	22.25		
10	16QAM	1	49	22.45	22.64	22.30	22.51	22.24		
10	16QAM	25	0	22.36	22.56	22.41	22.67	22.37		
10	16QAM	25	12	22.24	22.44	22.27	22.34	22.28		
10	16QAM	25	25	22.33	22.33	22.28	22.35	22.32		
10	16QAM	50	0	22.55	22.24	22.64	22.24	22.36		
10	64QAM	1	0	22.75	22.73	22.44	22.67	22.34		
10	64QAM	1	25	22.49	22.51	22.40	22.34	22.56		
10	64QAM	1	49	22.42	22.26	22.25	22.61	22.55		
10	64QAM	25	0	22.33	22.55	22.69	22.32	22.40		
10	64QAM	25	12	22.67	22.38	22.53	22.40	22.52		
10	64QAM	25	25	22.72	22.39	22.63	22.51	22.58		
10	64QAM	50	0	22.34	22.12	22.48	22.19	22.42		
10	256QAM	1	0	21.25	21.50	21.48	21.62	21.40		
10	256QAM	1	25	21.46	21.46	21.45	21.65	21.20		
10	256QAM	1	49	21.54	21.37	21.53	21.37	21.66		
10	256QAM	25	0	21.49	21.66	21.38	21.43	21.63		
10	256QAM	25	12	21.28	21.60	21.43	21.

GSM850 Ant1 DSI3 Simultaneous

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch. Delta
TX Channel	128	189	251		128	189	251		> 0.5
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		
GSM 1 Tx slot	29.98	30.13	29.83	31.40	20.98	21.13	20.83	22.40	0.30
GPRS 1 Tx slot	30.04	30.07	29.93	31.40	21.04	21.07	20.93	22.40	
GPRS 2 Tx slots	27.20	27.22	27.25	28.40	21.20	21.22	21.25	22.40	0.05
GPRS 3 Tx slots	25.41	25.46	25.31	26.90	21.15	21.20	21.05	22.64	0.15
GPRS 4 Tx slots	23.89	23.94	23.91	24.90	20.89	20.94	20.91	21.90	0.05
EDGE 1 Tx slot	25.21	25.34	25.33	26.00	16.21	16.34	16.33	17.00	0.13
EDGE 2 Tx slots	23.59	23.68	23.62	24.50	17.59	17.68	17.62	18.50	0.09
EDGE 3 Tx slots	22.40	22.47	22.37	23.50	18.14	18.21	18.11	19.24	0.10
EDGE 4 Tx slots	20.19	20.34	20.24	21.00	17.19	17.34	17.24	18.00	0.15

GSM1900 Ant1 DSI3 Simultaneous

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch. Delta
TX Channel	512	661	810		512	661	810		> 0.5
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8		
GSM 1 Tx slot	24.96	24.97	24.74	25.20	15.96	15.97	15.74	16.20	0.27
GPRS 1 Tx slot	25.01	24.92	24.95	25.20	16.01	15.92	15.95	16.20	
GPRS 2 Tx slots	21.36	21.40	21.32	22.20	15.36	15.40	15.32	16.20	0.08
GPRS 3 Tx slots	19.62	19.66	19.50	20.70	15.36	15.40	15.24	16.44	0.16
GPRS 4 Tx slots	19.65	19.75	19.68	20.70	16.65	16.75	16.69	17.70	0.10
EDGE 1 Tx slot	23.63	23.68	23.59	24.50	14.63	14.68	14.59	15.50	0.09
EDGE 2 Tx slots	21.95	21.98	21.89	22.00	15.95	15.98	15.89	16.00	0.09
EDGE 3 Tx slots	20.39	20.46	20.37	20.50	16.13	16.20	16.11	16.24	0.09
EDGE 4 Tx slots	18.50	18.65	18.60	19.00	15.50	15.65	15.60	16.00	0.15

WCDMA II Ant1 DSI3 Simultaneous

WCDMA IV Ant1 DSI3 Simultaneous

WCDMA V Ant1 DSI3 Simultaneous

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	14.58	14.66	14.52	15.80	13.40	13.61	13.55	14.80	19.94	20.12	20.10	21.50
3GPP Rel 99	RMC 12.2Kbps	14.61	14.67	14.62	15.80	13.42	13.65	13.54	14.80	19.99	20.13	20.11	21.50
3GPP Rel 6	HSDPA Subtest-1	13.31	13.37	13.43	14.80	12.67	12.72	12.41	13.80	19.24	19.24	18.90	20.50
3GPP Rel 6	HSDPA Subtest-2	13.30	13.68	13.30	14.80	12.60	12.58	12.58	13.80	18.96	19.09	19.09	20.50
3GPP Rel 6	HSDPA Subtest-3	13.14	13.15	13.08	14.30	12.38	12.30	11.80	13.30	18.74	18.60	18.61	20.00
3GPP Rel 6	HSDPA Subtest-4	13.11	12.99	12.79	14.30	12.11	12.04	11.91	13.30	18.56	18.60	18.43	20.00
3GPP Rel 8	DC-HSDPA Subtest-1	13.33	13.73	13.30	14.80	12.54	12.67	12.28	13.80	19.17	19.09	18.88	20.50
3GPP Rel 8	DC-HSDPA Subtest-2	13.40	13.61	13.49	14.80	12.80	12.57	12.59	13.80	18.97	19.17	19.04	20.50
3GPP Rel 8	DC-HSDPA Subtest-3	12.81	13.29	12.93	14.30	11.86	12.10	12.06	13.30	18.54	18.50	18.39	20.00
3GPP Rel 8	DC-HSDPA Subtest-4	13.03	13.04	13.01	14.30	11.98	12.06	12.16	13.30	18.41	18.50	18.41	20.00
3GPP Rel 6	HSUPA Subtest-1	13.45	13.52	13.36	14.80	12.33	12.34	12.64	13.80	19.00	18.92	19.00	20.50
3GPP Rel 6	HSUPA Subtest-2	11.53	11.71	11.52	12.80	10.53	10.44	10.61	11.80	16.97	17.01	17.23	18.50
3GPP Rel 6	HSUPA Subtest-3	12.75	12.47	12.38	13.80	11.75	11.58	11.46	12.80	18.11	17.88	17.97	19.50
3GPP Rel 6	HSUPA Subtest-4	11.36	11.73	11.43	12.80	10.37	10.52	10.53	11.80	17.05	16.91	16.94	18.50
3GPP Rel 6	HSUPA Subtest-5	13.51	13.36	13.31	14.80	12.34	12.65	12.35	13.80	18.92	19.04	18.79	20.50

Band 2 Ant1 DSI3 Simultaneous

BW [MHz]	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	15.14	15.21	15.10		
20	QPSK	1	49	14.99	15.12	15.06	16	0
20	QPSK	1	99	15.08	15.18	14.97		
20	QPSK	50	0	15.16	15.18	15.09		
20	QPSK	50	24	15.08	15.08	15.01	16	0
20	QPSK	50	50	15.11	15.09	15.13		
20	QPSK	100	0	14.98	15.10	15.01		
20	16QAM	1	0	15.10	15.15	15.15		
20	16QAM	1	49	15.02	15.10	14.94	16	0
20	16QAM	1	99	14.93	15.17	15.12		
20	16QAM	50	0	14.86	15.05	14.83		
20	16QAM	50	24	14.90	15.10	15.08	16	0
20	16QAM	50	50	15.12	15.08	14.84		
20	16QAM	100	0	14.84	14.91	14.98		
20	64QAM	1	0	14.77	15.15	14.91		
20	64QAM	1	49	14.88	15.15	14.95	16	0
20	64QAM	1	99	14.89	14.99	14.88		
20	64QAM	50	0	14.97	15.08	14.79		
20	64QAM	50	24	14.93	15.07	15.00	16	0
20	64QAM	50	50	14.84	15.20	14.95		
20	64QAM	100	0	14.89	15.06	14.85		
20	256QAM	1	0	14.99	15.08	15.01		
20	256QAM	1	49	14.97	15.05	15.06	16	0
20	256QAM	1	99	15.05	15.12	14.79		
20	256QAM	50	0	15.02	15.02	14.95		
20	256QAM	50	24	14.99	14.99	14.82	16	0
20	256QAM	50	50	15.13	15.01	14.99		
20	256QAM	100	0	15.00	15.02	14.95		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.01	15.05	15.06	16	0
15	QPSK	1	37	14.97	14.98	14.91		
15	QPSK	1	74	15.06	15.03	14.96		
15	QPSK	36	0	15.05	14.98	14.91		
15	QPSK	36	20	14.93	15.09	14.90	16	0
15	QPSK	36	39	14.89	15.08	15.02		
15	QPSK	75	0	14.85	15.15	14.80		
15	16QAM	1	0	15.01	15.00	15.14		
15	16QAM	1	37	14.92	15.10	14.73	16	0
15	16QAM	1	74	14.80	15.15	15.04		
15	16QAM	36	0	14.85	15.15	14.81		
15	16QAM	36	20	14.76	14.91	15.05	16	0
15	16QAM	36	39	15.12	14.92	14.70		
15	16QAM	75	0	14.84	14.87	14.96		
15	64QAM	1	0	14.59	15.08	14.70		
15	64QAM	1	37	14.77	15.05	14.90	16	0
15	64QAM	1	74	14.91	15.00	14.73		
15	64QAM	36	0	14.94	14.93	14.68		
15	64QAM	36	20	14.81	14.97	15.00	16	0
15	64QAM	36	39	14.84	15.14	14.86		
15	64QAM	75	0	14.77	14.92	14.68		
15	256QAM	1	0	15.00	14.94	14.86		
15	256QAM	1	37	15.19	14.94	14.96	16	0
15	256QAM	1	74	14.99	14.91	14.79		
15	256QAM	36	0	14.85	14.99	14.76		
15	256QAM	36	20	14.92	14.93	14.77	16	0
15	256QAM	36	39	15.06	14.79	14.85		
15	256QAM	75	0	14.91	14.98	14.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.95	15.01	15.04		
10	QPSK	1	25	14.92	15.12	14.87	16	0
10	QPSK	1	49	14.90	14.97	14.83		
10	QPSK	25	0	15.14	15.10	15.06		
10	QPSK	25	12	15.02	14.88	14.97	16	0
10	QPSK	25	25	15.04	14.96	15.10		
10	QPSK	50	0	14.84	15.11	14.92		
10	16QAM	1	0	15.12	15.07	15.11		
10	16QAM	1	25	14.84	15.00	14.93	16	0
10	16QAM	1	49	14.93	15.10	15.09		
10	16QAM	25	0	14.82	14.94	14.73		
10	16QAM	25	12	14.92	14.91	15.07	16	0
10	16QAM	25	25	14.95	15.01	14.75		
10	16QAM	50	0	14.83	14.72	14.97		
10	64QAM	1	0	14.61	15.00	14.80		
10	64QAM	1	25	14.77	14.97	14.90	16	0
10	64QAM	1	49	14.77	14.78	14.85		
10	64QAM	25	0	14.91	14.92	14.74		
10	64QAM	25	12	14.77	15.08	14.87	16	0
10	64QAM	25	25	14.64	15.06	14.95		
10	64QAM	50	0	14.87	14.88	14.81		
10	256QAM	1	0	14.96	15.02	14.84		
10	256QAM	1	25	15.15	15.04	15.07	16	0
10	256QAM	1	49	14.92	14.97	14.81		
10	256QAM	25	0	14.81	14.86	14.86		
10	256QAM	25	12	14.82	15.00	14.91	16	0
10	256QAM	25	25	15.05	14.91	14.78		
10	256QAM	50	0	14.80	14.91	14.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.86	15.05	15.09		
5	QPSK	1	12	14.85	15.06	14.87	16	0
5	QPSK	1	24	15.05	15.18	14.87		
5	QPSK	12	0	15.12	15.17	14.92		
5	QPSK	12	7	15.02	14.93	14.92	16	0
5	QPSK	12	13	15.01	15.07	14.96		
5	QPSK	25	0	14.84	15.03	14.79		
5	16QAM	1	0	15.00	14.97	14.97		
5	16QAM	1	12	14.85	15.05	14.73	16	0
5	16QAM	1	24	14.83	14.99	14.90		
5	16QAM	12	0	14.78	15.15	14.81		
5	16QAM	12	7	14.78	15.07	14.91	16	0
5	16QAM	12	13	14.94	14.89	14.74		
5	16QAM	25	0	14.75	14.72	14.82		
5	64QAM	1	0	14.69	15.16	14.80		
5	64QAM	1	12	14.89	15.08	14.75	16	0
5	64QAM	1	24	14.87	14.94	14.68		
5	64QAM	12	0	14.86	14.91	14.74		
5	64QAM	12	7	14.80	15.10	14.90	16	0
5	64QAM	12	13	14.82	15.06	14.95		
5	64QAM	25	0	14.84	15.03	14.77		
5	256QAM	1	0	14.81	15.04	14.93		
5	256QAM	1	12	15.11	14.99	14.84	16	0
5	256QAM	1	24	14.92	15.08	14.80		
5	256QAM	12	0	14.97	14.79	14.91		
5	256QAM	12	7	14.95	14.86	14.70	16	0
5	256QAM	12	13	15.11	14.80	14.84		
5	256QAM	25	0	14.80	14.83	14.96		
Channel				18575	18900	19225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.00	15.12	14.91		
3	QPSK	1	8	14.91	15.07	14.97	16	0
3	QPSK	1	14	14.97	15.18	14.82		
3	QPSK	8	0	15.04	15.16	14.98		
3	QPSK	8	4	15.04	14.92	14.87	16	0
3	QPSK	8	7	15.08	14.88	15.04		
3	QPSK	15	0	14.84	14.96	14.85		
3	16QAM	1	0	14.89	15.02	14.98		
3	16QAM	1	8	14.96	14.96	14.78	16	0
3	16QAM	1	14	14.71	14.97	15.01		
3	16QAM	8	0	14.84	15.08	14.77		
3	16QAM	8	4	14.82	15.08	14.87	16	0
3	16QAM	8	7	15.10	15.02	14.71		
3	16QAM	15	0	14.74	14.90	14.97		
3	64QAM	1	0	14.65	15.10	14.92		
3	64QAM	1	8	14.79	15.01	14.81	16	0
3	64QAM	1	14	14.88	14.88	14.84		
3	64QAM	8	0	14.75	15.03	14.61		
3	64QAM	8	4	14.72	15.01	14.99	16	0
3	64QAM	8	7	14.70	15.08	14.96		
3	64QAM	15	0	14.76	14.86	14.78		
3	256QAM	1	0	15.01	14.88	14.90		
3	256QAM	1	8	15.08	14.91	14.84	16	0
3	256QAM	1	14	15.01	15.00	14.72		
3	256QAM	8	0	14.92	14.88	14.89		
3	256QAM	8	4	14.96	14.94	14.73	16	0
3	256QAM	8	7	15.03	14.99	14.81		
3	256QAM	15	0	14.94	14.82	14.73		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.86	15.04	14.98		
1.4	QPSK	1	3	14.90	15.04	15.04		
1.4	QPSK	1	5	15.08	15.15	14.89	16	0
1.4	QPSK	3	0	15.05	15.19	14.88		
1.4	QPSK	3	1	15.03	14.86	14.83		
1.4	QPSK	3	3	15.06	14.99	15.11		
1.4	QPSK	6	0	14.79	15.00	14.88	16	0
1.4	16QAM	1	0	14.89	15.12	15.16		
1.4	16QAM	1	3	15.00	14.94	14.77		
1.4	16QAM	1	5	14.87	15.03	15.03	16	0
1.4	16QAM	3	0	14.77	15.15	14.66		
1.4	16QAM	3	1	14.74	14.90	14.98		
1.4	16QAM	3	3	14.95	14.96	14.69		
1.4	16QAM	6	0	14.82	14.86	14.89	16	0
1.4	64QAM	1	0	14.62	15.02	14.89		
1.4	64QAM	1	3	14.86	14.95	14.81		
1.4	64QAM	1	5	14.73	15.00	14.84	16	0
1.4	64QAM	3	0	14.77	14.88	14.77		
1.4	64QAM	3	1	14.79	15.01	14.87		
1.4	64QAM	3	3	14.73	15.12	14.86		
1.4	64QAM	6	0	14.82	15.07	14.73	16	0
1.4	256QAM	1	0	14.82	15.09	14.99		
1.4	256QAM	1	3	15.07	14.94	15.03		
1.4	256QAM	1	5	14.89	14.92	14.68	16	0
1.4	256QAM	3	0	14.90	14.87	14.83		
1.4	256QAM	3	1	14.91	14.79	14.77		
1.4	256QAM	3	3	14.95	15.01	14.81		
1.4	256QAM	6	0	14.83	14.99	14.89	16	0

Band 4 Ant1 DSI3 Simultaneous

BW [MHz]	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	11.33	11.37	11.20		
20	QPSK	1	49	11.16	11.33	11.04	12.8	0
20	QPSK	1	99	10.95	11.20	11.08		
20	QPSK	50	0	11.25	11.35	11.18		
20	QPSK	50	24	11.00	11.12	11.16	12.8	0
20	QPSK	50	50	11.20	11.13	11.10		
20	QPSK	100	0	11.28	11.33	11.22		
20	16QAM	1	0	11.34	11.28	11.00		
20	16QAM	1	49	11.06	11.20	11.27	12.8	0
20	16QAM	1	99	11.21	11.09	11.24		
20	16QAM	50	0	11.18	11.17	11.13		
20	16QAM	50	24	11.16	11.16	11.15	12.8	0
20	16QAM	50	50	11.17	11.10	11.19		
20	16QAM	100	0	11.29	11.16	11.21		
20	64QAM	1	0	11.02	11.24	11.28		
20	64QAM	1	49	11.05	11.26	11.03	12.8	0
20	64QAM	1	99	11.35	11.15	11.14		
20	64QAM	50	0	11.30	11.26	11.06		
20	64QAM	50	24	11.04	11.09	11.10	12.8	0
20	64QAM	50	50	11.07	11.25	11.07		
20	64QAM	100	0	11.25	11.17	11.18		
20	256QAM	1	0	11.23	11.25	11.18		
20	256QAM	1	49	11.09	11.24	11.23	12.8	0
20	256QAM	1	99	11.25	11.32	11.28		
20	256QAM	50	0	11.13	11.09	11.06		
20	256QAM	50	24	11.15	11.24	11.11	12.8	0
20	256QAM	50	50	11.15	11.17	10.91		
20	256QAM	100	0	11.19	11.10	11.13		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	11.17	11.21	11.03		
15	QPSK	1	37	11.08	11.12	10.96	12.8	0
15	QPSK	1	74	10.97	11.10	10.89		
15	QPSK	36	0	11.15	11.15	11.05		
15	QPSK	36	20	11.00	11.00	11.14	12.8	0
15	QPSK	36	39	11.28	11.15	11.12		
15	QPSK	75	0	11.09	11.23	11.10		
15	16QAM	1	0	11.27	11.09	10.90		
15	16QAM	1	37	10.98	11.02	11.05	12.8	0
15	16QAM	1	74	11.15	11.03	11.05		
15	16QAM	36	0	11.02	11.13	11.03		
15	16QAM	36	20	10.94	11.02	10.86	12.8	0
15	16QAM	36	39	11.26	11.11	11.11		
15	16QAM	75	0	11.14	11.08	11.08		
15	64QAM	1	0	11.06	11.14	11.07		
15	64QAM	1	37	11.11	11.19	10.93	12.8	0
15	64QAM	1	74	11.18	11.02	10.94		
15	64QAM	36	0	11.25	11.07	10.94		
15	64QAM	36	20	10.91	11.08	10.86	12.8	0
15	64QAM	36	39	10.91	10.98	10.98		
15	64QAM	75	0	11.20	11.12	11.03		
15	256QAM	1	0	11.16	11.12	11.06		
15	256QAM	1	37	11.02	11.09	11.01	12.8	0
15	256QAM	1	74	11.09	11.29	10.96		
15	256QAM	36	0	11.11	11.04	11.01		
15	256QAM	36	20	10.93	11.20	11.03	12.8	0
15	256QAM	36	39	11.11	10.85	10.94		
15	256QAM	75	0	11.03	11.04	11.02		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	11.23	11.27	11.10		
10	QPSK	1	25	10.94	11.08	11.04	12.8	0
10	QPSK	1	49	11.01	11.15	10.94		
10	QPSK	25	0	11.01	11.19	11.14		
10	QPSK	25	12	11.02	11.11	11.19	12.8	0
10	QPSK	25	25	11.09	11.14	11.20		
10	QPSK	50	0	10.99	11.11	11.08		
10	16QAM	1	0	11.05	11.28	11.00		
10	16QAM	1	25	10.88	11.08	11.06	12.8	0
10	16QAM	1	49	11.02	10.94	10.94		
10	16QAM	25	0	11.08	11.01	11.05		
10	16QAM	25	12	11.06	11.04	10.92	12.8	0
10	16QAM	25	25	11.15	11.01	11.11		
10	16QAM	50	0	11.26	11.01	11.02		
10	64QAM	1	0	11.11	10.97	11.06		
10	64QAM	1	25	11.11	11.07	10.91	12.8	0
10	64QAM	1	49	11.07	11.06	11.07		
10	64QAM	25	0	11.23	10.94	10.86		
10	64QAM	25	12	11.05	11.16	10.94	12.8	0
10	64QAM	25	25	10.92	10.92	10.94		
10	64QAM	50	0	11.12	11.18	11.00		
10	256QAM	1	0	11.22	11.10	10.93		
10	256QAM	1	25	11.00	11.22	11.01	12.8	0
10	256QAM	1	49	11.14	11.09	11.12		
10	256QAM	25	0	10.92	11.05	11.00		
10	256QAM	25	12	11.11	11.01	11.14	12.8	0
10	256QAM	25	25	11.09	11.13	10.93		
10	256QAM	50	0	11.15	11.02	11.03		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	11.24	11.18	11.21		
5	QPSK	1	12	10.97	11.20	10.96	12.8	0
5	QPSK	1	24	10.90	11.16	11.04		
5	QPSK	12	0	11.20	11.22	11.17		
5	QPSK	12	7	11.03	11.07	11.07	12.8	0
5	QPSK	12	13	11.28	11.13	11.00		
5	QPSK	25	0	11.03	11.17	11.18		
5	16QAM	1	0	11.12	11.26	10.89		
5	16QAM	1	12	11.04	11.01	10.89	12.8	0
5	16QAM	1	24	11.01	10.99	11.13		
5	16QAM	12	0	11.04	11.09	10.91		
5	16QAM	12	7	11.15	11.14	10.89	12.8	0
5	16QAM	12	13	11.27	11.05	11.04		
5	16QAM	25	0	11.09	11.00	10.94		
5	64QAM	1	0	11.23	11.07	11.19		
5	64QAM	1	12	10.97	11.05	10.95	12.8	0
5	64QAM	1	24	11.21	10.92	10.92		
5	64QAM	12	0	11.10	11.17	11.00		
5	64QAM	12	7	10.95	10.99	11.01	12.8	0
5	64QAM	12	13	10.99	10.96	10.97		
5	64QAM	25	0	11.11	11.04	11.17		
5	256QAM	1	0	11.17	11.16	11.12		
5	256QAM	1	12	11.06	11.07	10.97	12.8	0
5	256QAM	1	24	11.10	11.10	11.10		
5	256QAM	12	0	11.05	11.09	11.14		
5	256QAM	12	7	11.02	11.19	11.08	12.8	0
5	256QAM	12	13	10.96	11.12	11.02		
5	256QAM	25	0	11.12	10.96	11.05		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	11.20	11.33	11.05		
3	QPSK	1	8	11.11	11.10	10.89	12.8	0
3	QPSK	1	14	10.86	11.22	11.06		
3	QPSK	8	0	11.10	11.09	11.00		
3	QPSK	8	4	10.99	11.06	11.08	12.8	0
3	QPSK	8	7	11.21	11.19	11.11		
3	QPSK	15	0	11.08	11.13	11.00		
3	16QAM	1	0	11.12	11.30	10.96		
3	16QAM	1	8	11.01	11.10	11.15	12.8	0
3	16QAM	1	14	11.00	10.90	11.11		
3	16QAM	8	0	10.96	10.94	10.96		
3	16QAM	8	4	11.06	11.15	10.91	12.8	0
3	16QAM	8	7	11.20	10.98	11.02		
3	16QAM	15	0	11.11	11.18	11.06		
3	64QAM	1	0	11.24	10.98	10.99		
3	64QAM	1	8	10.99	11.04	10.91	12.8	0
3	64QAM	1	14	11.19	11.02	11.02		
3	64QAM	8	0	11.18	11.13	11.05		
3	64QAM	8	4	10.83	11.17	10.91	12.8	0
3	64QAM	8	7	11.09	11.12	10.96		
3	64QAM	15	0	11.19	11.17	10.98		
3	256QAM	1	0	11.20	11.20	10.90		
3	256QAM	1	8	11.06	11.21	11.02	12.8	0
3	256QAM	1	14	10.97	11.14	11.16		
3	256QAM	8	0	11.14	11.06	11.10		
3	256QAM	8	4	10.97	11.10	10.94	12.8	0
3	256QAM	8	7	11.07	11.26	11.00		
3	256QAM	15	0	11.12	10.98	11.07		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	11.10	11.22	11.05		
1.4	QPSK	1	3	11.03	11.05	11.10		
1.4	QPSK	1	5	10.96	11.08	10.94	12.8	0
1.4	QPSK	3	0	11.05	11.09	11.07		
1.4	QPSK	3	1	11.01	11.20	10.98		
1.4	QPSK	3	3	11.16	11.00	11.17		
1.4	QPSK	6	0	11.15	11.17	11.04	12.8	0
1.4	16QAM	1	0	11.13	11.09	11.05		
1.4	16QAM	1	3	10.89	11.19	11.03		
1.4	16QAM	1	5	11.06	10.95	11.05	12.8	0
1.4	16QAM	3	0	11.00	11.11	10.95		
1.4	16QAM	3	1	11.12	11.21	11.02		
1.4	16QAM	3	3	11.18	11.18	11.14		
1.4	16QAM	6	0	11.05	11.09	10.92	12.8	0
1.4	64QAM	1	0	11.16	11.09	11.23		
1.4	64QAM	1	3	11.09	11.18	10.82		
1.4	64QAM	1	5	11.11	11.08	11.11	12.8	0
1.4	64QAM	3	0	11.25	10.94	11.04		
1.4	64QAM	3	1	11.03	11.14	10.92		
1.4	64QAM	3	3	11.01	11.15	11.01		
1.4	64QAM	6	0	11.06	11.07	11.06	12.8	0
1.4	256QAM	1	0	11.19	11.22	11.01		
1.4	256QAM	1	3	11.02	11.25	11.10		
1.4	256QAM	1	5	11.07	11.12	11.09	12.8	0
1.4	256QAM	3	0	11.10	11.03	10.98		
1.4	256QAM	3	1	10.95	11.02	11.05		
1.4	256QAM	3	3	11.05	11.26	10.83		
1.4	256QAM	6	0	11.12	11.13	10.98	12.8	0

Band 5 Ant1 DSI3 Simultaneous

BW [MHz]	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	20.58	20.69	20.48		
10	QPSK	1	25	20.56	20.48	20.52	21.6	0
10	QPSK	1	49	20.49	20.51	20.60		
10	QPSK	25	0	20.56	20.65	20.57		
10	QPSK	25	12	20.41	20.62	20.56	21.6	0
10	QPSK	25	25	20.43	20.54	20.61		
10	QPSK	50	0	20.46	20.62	20.45		
10	16QAM	1	0	20.39	20.56	20.51		
10	16QAM	1	25	20.49	20.56	20.40	21.6	0
10	16QAM	1	49	20.58	20.64	20.50		
10	16QAM	25	0	20.44	20.48	20.43		
10	16Q

Band 12 Ant1 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				23060	23095	23130					
Frequency (MHz)				704	707.5	711					
10	QPSK	1	0	21.19	21.47	21.33	22.7	0	1.51	1.23	0.28
10	QPSK	1	25	21.23	21.45	21.40			1.47	1.25	
10	QPSK	1	49	21.33	21.40	21.29			1.41	1.30	
10	QPSK	25	0	21.37	21.45	21.21	22.7	0	1.49	1.25	0.27
10	QPSK	25	12	21.18	21.41	21.24			1.52	1.29	
10	QPSK	25	25	21.25	21.42	21.30			1.45	1.28	
10	QPSK	50	0	21.23	21.43	21.38			1.47	1.27	0.20
10	16QAM	1	0	21.34	21.30	21.25	22.7	0	1.45	1.36	0.21
10	16QAM	1	25	21.34	21.44	21.28			1.42	1.26	
10	16QAM	1	49	21.23	21.40	21.36			1.47	1.30	
10	16QAM	25	0	21.44	21.44	21.28	22.7	0	1.42	1.26	0.16
10	16QAM	25	12	21.37	21.35	21.38			1.35	1.32	
10	16QAM	25	25	21.33	21.39	21.36			1.37	1.31	
10	16QAM	50	0	21.39	21.42	21.42			1.31	1.28	0.03
10	64QAM	1	0	21.26	21.38	21.24	22.7	0	1.46	1.32	0.14
10	64QAM	1	25	21.38	21.35	21.31			1.39	1.32	
10	64QAM	1	49	21.32	21.26	21.34			1.44	1.36	
10	64QAM	25	0	20.25	20.31	20.42	21.7	1	1.45	1.28	0.27
10	64QAM	25	12	20.42	20.52	20.41			1.29	1.18	
10	64QAM	25	25	20.34	20.33	20.45			1.37	1.25	
10	64QAM	50	0	20.25	20.39	20.45			1.45	1.25	0.20
10	256QAM	1	0	18.49	18.69	18.40	19.7	3	1.30	1.01	0.33
10	256QAM	1	25	18.48	18.63	18.36			1.34	1.07	
10	256QAM	1	49	18.56	18.55	18.52			1.18	1.14	
10	256QAM	25	0	18.54	18.53	18.55	19.7	3	1.17	1.15	0.24
10	256QAM	25	12	18.63	18.40	18.39			1.31	1.07	
10	256QAM	25	25	18.50	18.41	18.45			1.29	1.20	
10	256QAM	50	0	18.38	18.46	18.49			1.32	1.21	0.11
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				701.5	707.5	713.5					
5	QPSK	1	0	21.12	21.42	21.16	22.7	0	1.58	1.28	0.30
5	QPSK	1	12	21.15	21.36	21.32			1.55	1.34	
5	QPSK	1	24	21.18	21.27	21.15			1.55	1.43	
5	QPSK	12	0	21.36	21.41	21.21	22.7	0	1.49	1.29	0.25
5	QPSK	12	7	21.16	21.39	21.19			1.54	1.31	
5	QPSK	12	13	21.19	21.41	21.18			1.52	1.29	
5	QPSK	25	0	21.06	21.42	21.19			1.64	1.28	0.36
5	16QAM	1	0	21.28	21.29	21.07	22.7	0	1.63	1.41	0.35
5	16QAM	1	12	21.21	21.41	21.16			1.54	1.29	
5	16QAM	1	24	21.06	21.20	21.19			1.64	1.50	
5	16QAM	12	0	21.35	21.41	21.39	22.7	0	1.35	1.29	0.21
5	16QAM	12	7	21.24	21.32	21.20			1.50	1.38	
5	16QAM	12	13	21.30	21.35	21.28			1.42	1.35	
5	16QAM	25	0	21.29	21.43	21.33			1.41	1.27	0.14
5	64QAM	1	0	21.19	21.37	21.17	22.7	0	1.53	1.33	0.27
5	64QAM	1	12	21.35	21.35	21.10			1.60	1.35	
5	64QAM	1	24	21.25	21.12	21.18			1.58	1.45	
5	64QAM	12	0	20.20	20.28	20.39	21.7	1	1.50	1.31	0.21
5	64QAM	12	7	20.35	20.41	20.27			1.43	1.29	
5	64QAM	12	13	20.23	20.23	20.41			1.47	1.29	
5	64QAM	25	0	20.20	20.21	20.42			1.50	1.28	0.22
5	256QAM	1	0	18.35	18.55	18.22	19.7	3	1.48	1.15	0.35
5	256QAM	1	12	18.39	18.55	18.20			1.50	1.15	
5	256QAM	1	24	18.51	18.52	18.40			1.30	1.18	
5	256QAM	12	0	18.54	18.33	18.42	19.7	3	1.37	1.16	0.37
5	256QAM	12	7	18.61	18.31	18.35			1.39	1.09	
5	256QAM	12	13	18.46	18.34	18.24			1.46	1.25	
5	256QAM	25	0	18.25	18.45	18.40			1.45	1.25	0.20
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				700.5	707.5	714.5					
3	QPSK	1	0	21.04	21.41	21.29	22.7	0	1.66	1.29	0.37
3	QPSK	1	8	21.13	21.27	21.29			1.57	1.41	
3	QPSK	1	14	21.21	21.31	21.11			1.59	1.39	
3	QPSK	8	0	21.22	21.42	21.15	22.7	0	1.55	1.28	0.33
3	QPSK	8	4	21.13	21.22	21.21			1.57	1.48	
3	QPSK	8	7	21.09	21.24	21.28			1.61	1.42	
3	QPSK	15	0	21.16	21.31	21.34			1.54	1.36	0.18
3	16QAM	1	0	21.24	21.14	21.16	22.7	0	1.56	1.46	0.28
3	16QAM	1	8	21.35	21.42	21.21			1.49	1.28	
3	16QAM	1	14	21.17	21.33	21.35			1.53	1.35	
3	16QAM	8	0	21.42	21.33	21.35	22.7	0	1.37	1.28	0.26
3	16QAM	8	4	21.27	21.16	21.22			1.54	1.43	
3	16QAM	8	7	21.24	21.21	21.33			1.49	1.37	
3	16QAM	15	0	21.24	21.39	21.23			1.47	1.31	0.16
3	64QAM	1	0	21.06	21.19	21.46	22.7	0	1.64	1.24	0.40
3	64QAM	1	8	21.18	21.32	21.21			1.52	1.38	
3	64QAM	1	14	21.18	21.17	21.17			1.53	1.52	
3	64QAM	8	0	20.21	20.25	20.23	21.7	1	1.49	1.45	0.25
3	64QAM	8	4	20.31	20.36	20.38			1.39	1.32	
3	64QAM	8	7	20.13	20.23	20.33			1.57	1.37	
3	64QAM	15	0	20.05	20.20	20.27			1.65	1.43	0.22
3	256QAM	1	0	18.39	18.50	18.23	19.7	3	1.47	1.20	0.35
3	256QAM	1	8	18.46	18.58	18.24			1.46	1.12	
3	256QAM	1	14	18.47	18.54	18.35			1.35	1.16	
3	256QAM	8	0	18.55	18.50	18.56	19.7	3	1.20	1.14	0.35
3	256QAM	8	4	18.56	18.21	18.22			1.49	1.14	
3	256QAM	8	7	18.46	18.27	18.34			1.43	1.24	
3	256QAM	15	0	18.19	18.44	18.44			1.51	1.26	0.25
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				699.7	707.5	715.3					
1.4	QPSK	1	0	21.06	21.32	21.19	22.7	0	1.64	1.64	0.37
1.4	QPSK	1	3	21.15	21.43	21.19			1.55	1.55	
1.4	QPSK	1	5	21.31	21.38	21.27			1.43	1.43	
1.4	QPSK	3	0	21.27	21.35	21.18	22.7	0	1.52	1.52	0.28
1.4	QPSK	3	1	21.09	21.36	21.24			1.61	1.61	
1.4	QPSK	3	3	21.23	21.37	21.25			1.47	1.47	
1.4	QPSK	6	0	21.06	21.44	21.26	22.7	0	1.64	1.64	0.38
1.4	16QAM	1	0	21.21	21.19	21.12	22.7	0	1.58	1.58	0.27
1.4	16QAM	1	3	21.18	21.29	21.21			1.52	1.52	
1.4	16QAM	1	5	21.11	21.38	21.30			1.59	1.59	
1.4	16QAM	3	0	21.40	21.43	21.38	22.7	0	1.32	1.32	0.28
1.4	16QAM	3	1	21.29	21.34	21.25			1.45	1.45	
1.4	16QAM	3	3	21.15	21.33	21.25			1.55	1.55	
1.4	16QAM	6	0	21.23	21.46	21.29	22.7	0	1.47	1.47	0.23
1.4	64QAM	1	0	21.07	21.20	21.31	22.7	0	1.63	1.63	0.30
1.4	64QAM	1	3	21.37	21.28	21.27			1.43	1.43	
1.4	64QAM	1	5	21.13	21.18	21.34			1.57	1.57	
1.4	64QAM	3	0	21.08	21.28	21.22	22.7	0	1.62	1.62	0.34
1.4	64QAM	3	1	21.41	21.42	21.40			1.30	1.30	
1.4	64QAM	3	3	21.26	21.35	21.39			1.44	1.44	
1.4	64QAM	6	0	20.22	20.35	20.34	21.7	1	1.48	1.48	0.13
1.4	256QAM	1	0	18.46	18.53	18.33	19.7	3	1.37	1.37	0.26
1.4	256QAM	1	3	18.28	18.43	18.36			1.42	1.42	
1.4	256QAM	1	5	18.51	18.54	18.51			1.19	1.19	
1.4	256QAM	3	0	18.36	18.42	18.53	19.7	3	1.34	1.34	0.25
1.4	256QAM	3	1	18.47	18.36	18.28			1.42	1.42	
1.4	256QAM	3	3	18.50	18.41	18.37			1.33	1.33	
1.4	256QAM	6	0	18.27	18.41	18.38	19.7	3	1.43	1.43	0.14

Band 13 Ant1 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel					23230						
Frequency (MHz)					782						
10	QPSK	1	0		21.45		22.2	0	0.75	0.75	0.29
10	QPSK	1	25		21.25				0.95	0.95	
10	QPSK	1	49		21.16				1.04	1.04	
10	QPSK	25	0		21.41		22.2	0	0.79	0.79	0.21
10	QPSK	25	12		21.34				0.86	0.86	
10	QPSK	25	25		21.20				1.00	1.00	
10	QPSK	50	0		21.39				0.81	0.81	0.00
10	16QAM	1	0		20.98		22.2	0	1.22	1.22	0.26
10	16QAM	1	25		21.17				1.03	1.03	
10	16QAM	1	49		21.24				0.96	0.96	
10	16QAM	25	0		21.09		22.2	0	1.11	1.11	0.20
10	16QAM	25	12		21.29				0.91	0.91	
10	16QAM	25	25		21.09				1.11	1.11	
10	16QAM	50	0		20.98				1.22	1.22	0.00
10	64QAM	1	0		21.06		22.2	0	1.14	1.14	0.27
10	64QAM	1	25		21.28				0.92	0.92	
10	64QAM	1	49		21.01				1.19	1.19	
10	64QAM	25	0		21.17		22.2	0	1.03	1.03	0.03
10	64QAM	25	12		21.20				1.00	1.00	
10	64QAM	25	25		21.19				1.01	1.01	
10	64QAM	50	0		21.35				0.85	0.85	0.00
10	256QAM	1	0		19.15		20.2	2	1.05	1.05	0.13
10	256QAM	1	25		19.15				1.05	1.05	
10	256QAM	1	49		19.28				0.92	0.92	
10	256QAM	25	0		18.95		20.2	2	1.25	1.25	0.11
10	256QAM	25	12		19.03				1.17	1.17	
10	256QAM	25	25		19.06				1.14	1.14	
10	256QAM	50	0		18.96				1.24	1.24	0.00
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				779.5	782	784.5					
5	QPSK	1	0	21.33	21.32	21.28	22.2	0	0.92	0.87	0.34
5	QPSK	1	12	21.22	21.14	21.07			1.13	0.98	
5	QPSK	1	24	20.99	21.06	21.09			1.21	1.11	
5	QPSK	12	0	21.27	21.32	21.21	22.2	0	0.99	0.88	0.19
5	QPSK	12	7	21.23	21.26	21.21			0.99	0.94	
5	QPSK	12	13	21.13	21.17	21.19			1.07	1.01	
5	QPSK	25	0	21.24	21.25	21.34			0.96	0.86	0.10
5	16QAM	1	0	20.92	20.95	20.98	22.2	0	1.28	1.22	0.20
5	16QAM	1	12	21.12	20.98	20.97			1.23	1.08	
5	16QAM	1	24	21.12	21.12	21.12			1.08	1.08	
5	16QAM	12	0	21.09	21.06	20.94	22.2	0	1.26	1.11	0.32
5	16QAM	12	7	21.26	21.09	21.10			1.11	0.94	
5	16QAM	12	13	21.06	21.10	21.05			1.15	1.10	
5	16QAM	25	0	20.90	20.79	20.79			1.41	1.30	0.11
5	64QAM	1	0	20.93	21.02	20.93	22.2	0	1.27	1.18	0.40
5	64QAM	1	12	21.10	21.22	21.16			1.10	0.98	
5	64QAM	1	24	20.92	20.93	20.82			1.38	1.27	
5	64QAM	12	0	21.07	21.04	21.14	22.2	0	1.16	1.06	0.20
5	64QAM	12	7	21.01	21.02	21.21			1.19	0.99	
5	64QAM	12	13	21.16	21.19	21.02			1.18	1.01	
5	64QAM	25	0	21.18	21.33	21.28			1.02	0.87	0.15
5	256QAM	1	0	19.05	18.96	18.94	20.2	2	1.26	1.15	0.35
5	256QAM	1	12	18.94	19.09	19.08			1.26	1.11	
5	256QAM	1	24	19.29	19.24	19.25			0.96	0.91	
5	256QAM	12	0	18.89	18.96	18.85	20.2	2	1.35	1.24	0.20
5	256QAM	12	7	18.97	18.99	18.98			1.23	1.21	
5	256QAM	12	13	19.05	18.92	18.93			1.28	1.15	
5	256QAM	25	0	18.97	18.76	18.79			1.44	1.23	0.21

Band 17 Ant1 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.36	21.42	21.34	22.7	0
10	QPSK	1	25	21.20	21.41	21.23		
10	QPSK	1	49	21.17	21.40	21.10		
10	QPSK	25	0	21.26	21.39	21.29	22.7	0
10	QPSK	25	12	20.99	21.36	21.24		
10	QPSK	25	25	21.13	21.31	21.10		
10	QPSK	50	0	21.21	21.38	21.23		
10	16QAM	1	0	21.22	21.14	21.16	22.7	0
10	16QAM	1	25	21.25	21.41	21.28		
10	16QAM	1	49	21.05	21.26	21.27		
10	16QAM	25	0	21.28	21.34	21.34	22.7	0
10	16QAM	25	12	21.32	21.17	21.31		
10	16QAM	25	25	21.31	21.28	21.31		
10	16QAM	50	0	21.24	21.34	21.38		
10	64QAM	1	0	21.08	21.21	21.31	22.7	0
10	64QAM	1	25	21.28	21.15	21.16		
10	64QAM	1	49	21.21	21.20	21.33		
10	64QAM	25	0	20.21	20.25	20.23	21.7	1
10	64QAM	25	12	20.27	20.50	20.34		
10	64QAM	25	25	20.22	20.19	20.29		
10	64QAM	50	0	20.10	20.32	20.26		
10	256QAM	1	0	18.34	18.62	18.38	19.7	3
10	256QAM	1	25	18.33	18.60	18.18		
10	256QAM	1	49	18.48	18.46	18.36		
10	256QAM	25	0	18.44	18.47	18.52	19.7	3
10	256QAM	25	12	18.45	18.23	18.37		
10	256QAM	25	25	18.34	18.39	18.36		
10	256QAM	50	0	18.32	18.30	18.36		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.20	21.24	21.20	22.7	0
5	QPSK	1	12	21.08	21.24	21.21		
5	QPSK	1	24	21.12	21.38	20.91		
5	QPSK	12	0	21.06	21.34	21.19	22.7	0
5	QPSK	12	7	20.89	21.32	21.20		
5	QPSK	12	13	21.03	21.11	21.04		
5	QPSK	25	0	21.21	21.23	21.11		
5	16QAM	1	0	21.22	21.01	21.13	22.7	0
5	16QAM	1	12	21.04	21.41	21.13		
5	16QAM	1	24	21.06	21.07	21.15		
5	16QAM	12	0	21.18	21.22	21.21	22.7	0
5	16QAM	12	7	21.26	21.03	21.15		
5	16QAM	12	13	21.22	21.11	21.24		
5	16QAM	25	0	21.07	21.24	21.31		
5	64QAM	1	0	20.94	21.05	21.19	22.7	0
5	64QAM	1	12	21.22	21.14	21.07		
5	64QAM	1	24	21.07	21.00	21.15		
5	64QAM	12	0	20.10	20.10	20.18	21.7	1
5	64QAM	12	7	20.13	20.50	20.21		
5	64QAM	12	13	20.01	20.11	20.25		
5	64QAM	25	0	20.08	20.27	20.23		
5	256QAM	1	0	18.24	18.48	18.19	19.7	3
5	256QAM	1	12	18.14	18.44	18.03		
5	256QAM	1	24	18.46	18.38	18.23		
5	256QAM	12	0	18.39	18.31	18.48	19.7	3
5	256QAM	12	7	18.40	18.16	18.26		
5	256QAM	12	13	18.24	18.27	18.23		
5	256QAM	25	0	18.24	18.18	18.29		

Band 25 Ant1 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	15.13	15.24	15.19		
20	QPSK	1	49	14.94	15.11	14.99	16	0
20	QPSK	1	99	15.12	15.09	15.01		
20	QPSK	50	0	15.21	15.23	15.09		
20	QPSK	50	24	15.15	15.00	14.94	16	0
20	QPSK	50	50	15.18	15.04	15.04		
20	QPSK	100	0	15.03	15.19	14.95		
20	16QAM	1	0	15.07	15.06	14.97		
20	16QAM	1	49	15.09	15.20	14.87	16	0
20	16QAM	1	99	14.87	15.17	15.04		
20	16QAM	50	0	14.85	15.09	14.73		
20	16QAM	50	24	14.92	15.08	14.97	16	0
20	16QAM	50	50	15.16	14.99	14.83		
20	16QAM	100	0	14.87	14.97	14.99		
20	64QAM	1	0	14.74	15.18	14.82		
20	64QAM	1	49	14.92	15.11	14.90	16	0
20	64QAM	1	99	14.98	14.91	14.89		
20	64QAM	50	0	15.05	14.98	14.87		
20	64QAM	50	24	14.88	15.23	15.11	16	0
20	64QAM	50	50	14.75	15.18	14.83		
20	64QAM	100	0	15.00	14.97	14.95		
20	256QAM	1	0	14.92	15.17	14.91		
20	256QAM	1	49	15.17	15.07	14.97	16	0
20	256QAM	1	99	15.04	15.18	14.82		
20	256QAM	50	0	14.92	15.00	14.88		
20	256QAM	50	24	15.00	15.00	14.85	16	0
20	256QAM	50	50	15.20	14.99	15.07		
20	256QAM	100	0	14.99	14.98	14.94		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.03	15.17	15.03		
15	QPSK	1	37	14.82	15.11	14.99	16	0
15	QPSK	1	74	15.07	15.07	14.95		
15	QPSK	36	0	15.11	15.17	15.01		
15	QPSK	36	20	14.91	15.01	14.81	16	0
15	QPSK	36	39	15.06	14.96	14.99		
15	QPSK	75	0	14.79	14.99	14.86		
15	16QAM	1	0	14.92	15.07	15.15		
15	16QAM	1	37	15.00	14.95	14.88	16	0
15	16QAM	1	74	14.76	14.97	15.03		
15	16QAM	36	0	14.83	15.07	14.80		
15	16QAM	36	20	14.85	14.94	15.04	16	0
15	16QAM	36	39	15.04	15.01	14.81		
15	16QAM	75	0	14.73	14.76	14.85		
15	64QAM	1	0	14.64	15.14	14.80		
15	64QAM	1	37	14.78	15.00	14.83	16	0
15	64QAM	1	74	14.90	14.90	14.83		
15	64QAM	36	0	14.96	15.09	14.59		
15	64QAM	36	20	14.83	15.02	14.88	16	0
15	64QAM	36	39	14.81	15.06	14.79		
15	64QAM	75	0	14.86	14.92	14.77		
15	256QAM	1	0	15.00	15.06	14.84		
15	256QAM	1	37	15.08	15.01	15.07	16	0
15	256QAM	1	74	14.84	15.07	14.78		
15	256QAM	36	0	15.03	14.95	14.84		
15	256QAM	36	20	14.99	15.01	14.74	16	0
15	256QAM	36	39	15.14	14.85	14.86		
15	256QAM	75	0	14.81	14.84	14.83		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.02	15.16	14.91		
10	QPSK	1	25	14.99	15.10	14.93	16	0
10	QPSK	1	49	14.93	14.97	14.81		
10	QPSK	25	0	14.97	15.09	15.03		
10	QPSK	25	12	15.08	14.91	14.86	16	0
10	QPSK	25	25	14.99	15.08	14.96		
10	QPSK	50	0	14.87	15.12	14.81		
10	16QAM	1	0	14.99	15.06	15.03		
10	16QAM	1	25	14.83	14.90	14.95	16	0
10	16QAM	1	49	14.94	15.16	15.12		
10	16QAM	25	0	14.65	15.06	14.76		
10	16QAM	25	12	14.80	15.05	15.07	16	0
10	16QAM	25	25	15.04	14.93	14.66		
10	16QAM	50	0	14.65	14.71	14.88		
10	64QAM	1	0	14.77	14.96	14.84		
10	64QAM	1	25	14.72	15.07	14.89	16	0
10	64QAM	1	49	14.79	14.85	14.83		
10	64QAM	25	0	14.98	15.08	14.81		
10	64QAM	25	12	14.77	15.13	14.81	16	0
10	64QAM	25	25	14.86	15.08	14.95		
10	64QAM	50	0	14.83	14.97	14.70		
10	256QAM	1	0	14.79	15.02	14.92		
10	256QAM	1	25	15.05	14.87	14.94	16	0
10	256QAM	1	49	15.02	14.94	14.59		
10	256QAM	25	0	14.82	14.88	14.94		
10	256QAM	25	12	14.85	14.97	14.68	16	0
10	256QAM	25	25	14.98	14.96	14.79		
10	256QAM	50	0	14.96	15.02	14.77		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	14.93	15.07	15.11		
5	QPSK	1	12	14.93	14.94	15.04	16	0
5	QPSK	1	24	14.98	15.05	14.97		
5	QPSK	12	0	15.09	15.15	15.05		
5	QPSK	12	7	14.92	14.94	14.85	16	0
5	QPSK	12	13	14.94	15.03	15.04		
5	QPSK	25	0	14.92	15.14	14.88		
5	16QAM	1	0	15.11	15.03	15.07		
5	16QAM	1	12	14.88	15.04	14.74	16	0
5	16QAM	1	24	14.84	15.02	15.11		
5	16QAM	12	0	14.82	15.22	14.84		
5	16QAM	12	7	14.81	14.93	15.04	16	0
5	16QAM	12	13	14.92	14.88	14.82		
5	16QAM	25	0	14.72	14.83	14.93		
5	64QAM	1	0	14.60	15.01	14.84		
5	64QAM	1	12	14.73	15.06	14.80	16	0
5	64QAM	1	24	14.89	14.85	14.69		
5	64QAM	12	0	14.96	15.04	14.73		
5	64QAM	12	7	14.86	15.12	14.92	16	0
5	64QAM	12	13	14.67	14.99	14.75		
5	64QAM	25	0	14.74	14.84	14.79		
5	256QAM	1	0	14.78	14.87	15.00		
5	256QAM	1	12	15.08	14.91	14.99	16	0
5	256QAM	1	24	14.84	15.10	14.80		
5	256QAM	12	0	15.01	14.87	14.76		
5	256QAM	12	7	14.84	14.89	14.79	16	0
5	256QAM	12	13	15.08	14.93	14.82		
5	256QAM	25	0	14.96	14.93	14.83		
Channel				26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	14.92	15.02	14.89		
3	QPSK	1	8	14.98	14.93	15.04	16	0
3	QPSK	1	14	14.91	15.19	14.85		
3	QPSK	8	0	15.16	14.99	14.94		
3	QPSK	8	4	14.87	14.96	14.86	16	0
3	QPSK	8	7	15.12	15.08	15.06		
3	QPSK	15	0	14.77	15.10	14.94		
3	16QAM	1	0	14.95	15.09	14.99		
3	16QAM	1	8	14.82	15.06	14.85	16	0
3	16QAM	1	14	14.89	14.96	15.04		
3	16QAM	8	0	14.77	15.12	15.04		
3	16QAM	8	4	14.89	14.95	14.99	16	0
3	16QAM	8	7	15.14	14.93	14.84		
3	16QAM	15	0	15.06	14.86	14.86		
3	64QAM	1	0	14.71	14.95	14.81		
3	64QAM	1	8	14.70	14.93	14.96	16	0
3	64QAM	1	14	14.79	14.80	14.77		
3	64QAM	8	0	14.82	14.88	14.66		
3	64QAM	8	4	14.93	15.01	14.91	16	0
3	64QAM	8	7	14.71	14.99	14.81		
3	64QAM	15	0	14.80	14.86	14.86		
3	256QAM	1	0	14.90	15.04	15.03		
3	256QAM	1	8	15.04	14.84	15.03	16	0
3	256QAM	1	14	15.06	14.96	14.59		
3	256QAM	8	0	14.96	15.03	14.86		
3	256QAM	8	4	14.92	14.90	14.80	16	0
3	256QAM	8	7	15.12	14.87	14.80		
3	256QAM	15	0	14.90	14.86	14.74		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.05	15.04	15.09		
1.4	QPSK	1	3	14.81	14.93	15.00		
1.4	QPSK	1	5	14.88	15.02	14.94	16	0
1.4	QPSK	3	0	15.12	15.19	15.03		
1.4	QPSK	3	1	14.94	15.08	14.90		
1.4	QPSK	3	3	15.07	15.11	14.94		
1.4	QPSK	6	0	14.86	15.00	14.85	16	0
1.4	16QAM	1	0	15.03	15.15	15.09		
1.4	16QAM	1	3	14.82	14.90	14.83		
1.4	16QAM	1	5	14.80	15.09	15.07	16	0
1.4	16QAM	3	0	14.86	15.21	14.75		
1.4	16QAM	3	1	14.81	14.94	15.08		
1.4	16QAM	3	3	15.03	14.88	14.77		
1.4	16QAM	6	0	14.85	14.71	14.94	16	0
1.4	64QAM	1	0	14.65	14.93	14.71		
1.4	64QAM	1	3	14.84	15.08	14.83		
1.4	64QAM	1	5	14.76	14.78	14.69	16	0
1.4	64QAM	3	0	14.87	15.03	14.81		
1.4	64QAM	3	1	14.71	15.11	14.89		
1.4	64QAM	3	3	15.02	15.15	14.86		
1.4	64QAM	6	0	14.80	14.92	14.73	16	0
1.4	256QAM	1	0	14.96	15.07	14.99		
1.4	256QAM	1	3	15.18	15.04	14.96		
1.4	256QAM	1	5	15.03	14.98	14.78	16	0
1.4	256QAM	3	0	14.93	15.01	14.96		
1.4	256QAM	3	1	15.00	14.91	14.78		
1.4	256QAM	3	3	15.01	14.92	14.95		
1.4	256QAM	6	0	14.89	14.99	14.85	16	0

Band 26 Ant1 DSI3 Simultaneous

BW [MHz]	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	20.76	20.84	20.72		
15	QPSK	1	37	20.49	20.48	20.57	21.6	0
15	QPSK	1	74	20.48	20.48	20.70		
15	QPSK	36	0	20.67	20.76	20.56		
15	QPSK	36	20	20.48	20.64	20.67	21.6	0
15	QPSK	36	39	20.48	20.48	20.66		
15	QPSK	75	0	20.49	20.56	20.50		
15	16QAM	1	0	20.33	20.66	20.60		
15	16QAM	1	37	20.54	20.45	20.43	21.6	0
15	16QAM	1	74	20.69	20.67	20.54		
15	16QAM	36	0	20.39	20.49	20.47		
15	16QAM	36	20	20.55	20.49	20.68	21.6	0
15	16QAM	36	39	20.58	20.63	20.50		
15	16QAM	75	0	20.51	20.59	20.68		
15	64QAM	1	0	20.53	20.67	20.41		
15	64QAM	1	37	20.27	20.59	20.47	21.6	0
15	64QAM	1	74	20.47	20.61	20.43		
15	64QAM	36	0	20.36	20.38	20.57		
15	64QAM	36	20	20.20	20.39	20.41	21.6	0
15	64QAM	36	39	20.23	20.28	20.59		
15	64QAM	75	0	20.41	20.38	20.23		
15	256QAM	1	0	18.05	17.94	17.93		
15	256QAM	1	37	18.28	17.91	18.01	19.6	2
15	256QAM	1	74	17.88	18.06	18.04		
15	256QAM	36	0	18.08	18.27	18.02		
15	256QAM	36	20	18.05	17.99	18.27	19.6	2
15	256QAM	36	39	18.06	18.31	18.03		
15	256QAM	75	0	17.89	18.01	18.29		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.67	20.78	20.58		
10	QPSK	1	25	20.36	20.47	20.54	21.6	0
10	QPSK	1	49	20.37	20.40	20.60		
10	QPSK	25	0	20.49	20.77	20.38		
10	QPSK	25	12	20.44	20.57	20.54	21.6	0
10	QPSK	25	25	20.43	20.37	20.50		
10	QPSK	50	0	20.49	20.47	20.48		
10	16QAM	1	0	20.12	20.52	20.54		
10	16QAM	1	25	20.48	20.44	20.28	21.6	0
10	16QAM	1	49	20.56	20.61	20.44		
10	16QAM	25	0	20.31	20.30	20.37		
10	16QAM	25	12	20.48	20.46	20.55	21.6	0
10	16QAM	25	25	20.42	20.55	20.40		
10	16QAM	50	0	20.48	20.40	20.56		
10	64QAM	1	0	20.42	20.56	20.29		
10	64QAM	1	25	20.09	20.52	20.43	21.6	0
10	64QAM	1	49	20.43	20.43	20.37		
10	64QAM	25	0	20.24	20.23	20.41		
10	64QAM	25	12	20.08	20.22	20.38	21.6	0
10	64QAM	25	25	20.23	20.09	20.45		
10	64QAM	50	0	20.21	20.33	20.06		
10	256QAM	1	0	17.91	17.83	17.81		
10	256QAM	1	25	18.12	17.79	17.90	19.6	2
10	256QAM	1	49	17.79	18.03	17.84		
10	256QAM	25	0	18.08	18.10	17.87		
10	256QAM	25	12	18.02	17.88	18.19	19.6	2
10	256QAM	25	25	17.89	18.31	17.85		
10	256QAM	50	0	18.00	17.85	18.25		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.67	20.63	20.71		
5	QPSK	1	12	20.28	20.28	20.39	21.6	0
5	QPSK	1	24	20.31	20.29	20.58		
5	QPSK	12	0	20.51	20.69	20.54		
5	QPSK	12	7	20.39	20.52	20.52	21.6	0
5	QPSK	12	13	20.38	20.35	20.46		
5	QPSK	25	0	20.34	20.50	20.35		
5	16QAM	1	0	20.33	20.64	20.60		
5	16QAM	1	12	20.41	20.34	20.42	21.6	0
5	16QAM	1	24	20.69	20.57	20.55		
5	16QAM	12	0	20.34	20.39	20.46		
5	16QAM	12	7	20.37	20.48	20.59	21.6	0
5	16QAM	12	13	20.58	20.46	20.42		
5	16QAM	25	0	20.41	20.59	20.66		
5	64QAM	1	0	20.38	20.62	20.36		
5	64QAM	1	12	20.34	20.58	20.40	21.6	0
5	64QAM	1	24	20.28	20.53	20.43		
5	64QAM	12	0	20.25	20.19	20.40		
5	64QAM	12	7	20.19	20.33	20.35	21.6	0
5	64QAM	12	13	20.02	20.28	20.40		
5	64QAM	25	0	20.25	20.28	20.06		
5	256QAM	1	0	18.01	17.89	17.80		
5	256QAM	1	12	18.08	17.81	17.86	19.6	2
5	256QAM	1	24	17.82	18.07	17.87		
5	256QAM	12	0	17.96	18.09	17.85		
5	256QAM	12	7	17.97	17.97	18.21	19.6	2
5	256QAM	12	13	17.93	18.18	18.00		
5	256QAM	25	0	17.79	17.99	18.10		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.69	20.70	20.73		
3	QPSK	1	8	20.30	20.43	20.54	21.6	0
3	QPSK	1	14	20.46	20.44	20.57		
3	QPSK	8	0	20.49	20.60	20.39		
3	QPSK	8	4	20.41	20.60	20.63	21.6	0
3	QPSK	8	7	20.34	20.27	20.58		
3	QPSK	15	0	20.36	20.38	20.38		
3	16QAM	1	0	20.17	20.59	20.59		
3	16QAM	1	8	20.49	20.33	20.39	21.6	0
3	16QAM	1	14	20.64	20.65	20.49		
3	16QAM	8	0	20.20	20.48	20.40		
3	16QAM	8	4	20.50	20.31	20.63	21.6	0
3	16QAM	8	7	20.59	20.59	20.45		
3	16QAM	15	0	20.45	20.58	20.50		
3	64QAM	1	0	20.46	20.54	20.36		
3	64QAM	1	8	20.10	20.60	20.40	21.6	0
3	64QAM	1	14	20.44	20.41	20.32		
3	64QAM	8	0	20.33	20.31	20.41		
3	64QAM	8	4	20.18	20.29	20.29	21.6	0
3	64QAM	8	7	20.14	20.23	20.49		
3	64QAM	15	0	20.42	20.25	20.13		
3	256QAM	1	0	18.02	17.90	17.94		
3	256QAM	1	8	18.25	17.85	17.85	19.6	2
3	256QAM	1	14	17.87	17.94	18.01		
3	256QAM	8	0	18.09	18.01	17.96		
3	256QAM	8	4	17.90	17.81	18.13	19.6	2
3	256QAM	8	7	17.97	18.26	18.02		
3	256QAM	15	0	17.95	17.88	18.30		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.72	20.79	20.52		
1.4	QPSK	1	3	20.43	20.43	20.52		
1.4	QPSK	1	5	20.34	20.42	20.57	21.6	0
1.4	QPSK	3	0	20.65	20.74	20.43		
1.4	QPSK	3	1	20.44	20.55	20.50		
1.4	QPSK	3	3	20.39	20.34	20.55		
1.4	QPSK	6	0	20.44	20.40	20.30	21.6	0
1.4	16QAM	1	0	20.15	20.61	20.52		
1.4	16QAM	1	3	20.42	20.34	20.29		
1.4	16QAM	1	5	20.58	20.56	20.47	21.6	0
1.4	16QAM	3	0	20.30	20.48	20.41		
1.4	16QAM	3	1	20.45	20.30	20.49		
1.4	16QAM	3	3	20.40	20.61	20.36		
1.4	16QAM	6	0	20.42	20.52	20.58	21.6	0
1.4	64QAM	1	0	20.40	20.56	20.37		
1.4	64QAM	1	3	20.16	20.57	20.37		
1.4	64QAM	1	5	20.26	20.50	20.26	21.6	0
1.4	64QAM	3	0	20.19	20.31	20.45		
1.4	64QAM	3	1	20.17	20.38	20.40		
1.4	64QAM	3	3	20.09	20.10	20.50		
1.4	64QAM	6	0	20.29	20.21	20.13	21.6	0
1.4	256QAM	1	0	17.98	17.82	17.75		
1.4	256QAM	1	3	18.19	17.80	17.86		
1.4	256QAM	1	5	17.87	17.86	18.04	19.6	2
1.4	256QAM	3	0	18.00	18.10	17.95		
1.4	256QAM	3	1	18.02	17.99	18.08		
1.4	256QAM	3	3	17.85	18.12	17.82		
1.4	256QAM	6	0	17.80	17.96	18.13	19.6	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	11.20	11.45	11.25		
20	QPSK	1	49	11.14	11.37	11.18	12.8	0
20	QPSK	1	99	11.01	11.32	11.21		
20	QPSK	50	0	11.27	11.37	11.12		
20	QPSK	50	24	11.13	11.25	11.17	12.8	0
20	QPSK	50	50	11.36	11.26	11.34		
20	QPSK	100	0	11.13	11.35	11.32		
20	16QAM	1	0	11.25	11.37	10.96		
20	16QAM	1	49	11.10	11.30	11.26	12.8	0
20	16QAM	1	99	11.28	11.22	11.24		
20	16QAM	50	0	11.20	11.32	10.99		
20	16QAM	50	24	11.16	11.32	11.13	12.8	0
20	16QAM	50	50	11.27	11.36	11.21		
20	16QAM	100	0	11.29	11.18	11.12		
20	64QAM	1	0	11.32	11.22	11.19		
20	64QAM	1	49	11.24	11.41	11.20	12.8	0
20	64QAM	1	99	11.42	11.24	11.21		
20	64QAM	50	0	11.41	11.30	11.15		
20	64QAM	50	24	11.11	11.22	11.11	12.8	0
20	64QAM	50	50	11.08	11.10	10.99		
20	64QAM	100	0	11.28	11.20	11.34		
20	256QAM	1	0	11.18	11.29	11.05		
20	256QAM	1	49	11.15	11.43	11.11	12.8	0
20	256QAM	1	99	11.20	11.33	11.19		
20	256QAM	50	0	11.10	11.17	11.19		
20	256QAM	50	24	11.12	11.20	11.12	12.8	0
20	256QAM	50	50	11.22	11.34	11.17		
20	256QAM	100	0	11.26	11.28	11.16		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	11.31	11.16	11.21		
15	QPSK	1	37	11.05	11.26	10.95	12.8	0
15	QPSK	1	74	11.05	11.34	11.10		
15	QPSK	36	0	11.25	11.22	11.14		
15	QPSK	36	20	10.96	11.08	11.14	12.8	0
15	QPSK	36	39	11.19	11.08	11.26		
15	QPSK	75	0	11.09	11.33	11.18		
15	16QAM	1	0	11.13	11.22	11.03		
15	16QAM	1	37	11.00	11.13	11.17	12.8	0
15	16QAM	1	74	11.18	11.11	10.98		
15	16QAM	36	0	11.16	11.04	11.09		
15	16QAM	36	20

Band 38 Ant1 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				37850	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	19.89	20.02	20.01			1.71	1.58	
20	QPSK	1	49	19.90	19.96	19.92	21.6	0	1.74	1.68	0.19
20	QPSK	1	99	19.83	20.01	19.95			1.77	1.59	
20	QPSK	50	0	19.85	19.95	19.86			1.75	1.65	
20	QPSK	50	24	19.91	19.86	19.86	21.6	0	1.74	1.69	0.10
20	QPSK	50	50	19.93	19.90	19.92			1.70	1.67	
20	QPSK	100	0	19.81	19.92	19.82			1.79	1.68	0.11
20	16QAM	1	0	19.88	19.84	19.83			1.77	1.72	
20	16QAM	1	49	19.95	19.91	19.91	21.6	0	1.69	1.65	0.13
20	16QAM	1	99	19.83	19.86	19.82			1.78	1.74	
20	16QAM	50	0	19.99	19.95	19.91			1.69	1.61	
20	16QAM	50	24	19.88	19.93	19.96	21.6	0	1.72	1.64	0.33
20	16QAM	50	50	19.84	19.84	19.66			1.94	1.76	
20	16QAM	100	0	19.98	19.99	19.91			1.69	1.61	0.08
20	64QAM	1	0	19.92	19.87	19.88			1.73	1.68	
20	64QAM	1	49	19.86	19.95	19.97	21.6	0	1.74	1.63	0.19
20	64QAM	1	99	20.01	20.01	19.82			1.78	1.59	
20	64QAM	50	0	19.86	19.85	19.74			1.86	1.74	
20	64QAM	50	24	19.92	19.92	19.99	21.6	0	1.68	1.61	0.27
20	64QAM	50	50	19.72	19.92	19.96			1.88	1.64	
20	64QAM	100	0	19.67	19.88	19.68			1.93	1.72	0.21
20	256QAM	1	0	17.95	17.80	17.79			1.81	1.65	
20	256QAM	1	49	17.99	18.00	17.79	19.6	2	1.81	1.60	0.29
20	256QAM	1	99	18.08	17.81	17.88			1.79	1.52	
20	256QAM	50	0	17.85	18.10	17.87			1.75	1.50	
20	256QAM	50	24	17.95	18.03	17.87	19.6	2	1.73	1.57	0.25
20	256QAM	50	50	17.99	18.00	18.08			1.61	1.52	
20	256QAM	100	0	17.80	17.91	17.88			1.80	1.69	0.11
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				2577.5	2595	2612.5					
15	QPSK	1	0	19.76	19.90	19.93			1.84	1.67	
15	QPSK	1	37	19.84	19.75	19.72	21.6	0	1.88	1.76	0.28
15	QPSK	1	74	19.83	20.00	19.86			1.77	1.60	
15	QPSK	36	0	19.80	19.76	19.87			1.84	1.73	
15	QPSK	36	20	19.73	19.77	19.75	21.6	0	1.87	1.83	0.19
15	QPSK	36	39	19.86	19.86	19.92			1.74	1.68	
15	QPSK	75	0	19.68	19.85	19.79			1.92	1.75	0.17
15	16QAM	1	0	19.74	19.66	19.70			1.94	1.86	
15	16QAM	1	37	19.92	19.84	19.78	21.6	0	1.82	1.68	0.26
15	16QAM	1	74	19.79	19.75	19.83			1.85	1.77	
15	16QAM	36	0	19.84	19.92	19.84			1.76	1.68	
15	16QAM	36	20	19.84	19.79	19.90	21.6	0	1.81	1.70	0.24
15	16QAM	36	39	19.68	19.75	19.86			1.92	1.74	
15	16QAM	75	0	19.78	19.85	19.91			1.82	1.69	0.13
15	64QAM	1	0	19.73	19.87	19.78			1.87	1.73	
15	64QAM	1	37	19.77	19.91	19.77	21.6	0	1.83	1.69	0.23
15	64QAM	1	74	19.93	19.96	19.78			1.82	1.64	
15	64QAM	36	0	19.79	19.82	19.66			1.94	1.78	
15	64QAM	36	20	19.76	19.88	19.86	21.6	0	1.84	1.72	0.30
15	64QAM	36	39	19.63	19.93	19.81			1.97	1.67	
15	64QAM	75	0	19.74	19.82	19.62			1.98	1.78	0.20
15	256QAM	1	0	17.89	17.62	17.74			1.98	1.71	
15	256QAM	1	37	17.82	17.90	17.63	19.6	2	1.97	1.70	0.30
15	256QAM	1	74	17.92	17.64	17.76			1.96	1.68	
15	256QAM	36	0	17.74	18.09	17.82			1.86	1.51	
15	256QAM	36	20	17.79	18.00	17.72	19.6	2	1.88	1.60	0.37
15	256QAM	36	39	17.90	17.91	18.07			1.70	1.53	
15	256QAM	75	0	17.67	17.75	17.68			1.93	1.85	0.08
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				2575	2595	2615					
10	QPSK	1	0	19.79	19.86	19.86			1.81	1.74	
10	QPSK	1	25	19.70	19.80	19.89	21.6	0	1.90	1.71	0.26
10	QPSK	1	49	19.77	19.96	19.87			1.83	1.64	
10	QPSK	25	0	19.80	19.94	19.71			1.89	1.66	
10	QPSK	25	12	19.75	19.87	19.70	21.6	0	1.93	1.85	0.27
10	QPSK	25	25	19.74	19.80	19.81			1.86	1.79	
10	QPSK	50	0	19.81	19.80	19.80			1.80	1.79	0.01
10	16QAM	1	0	19.78	19.71	19.69			1.91	1.82	
10	16QAM	1	25	19.75	19.73	19.88	21.6	0	1.87	1.72	0.19
10	16QAM	1	49	19.83	19.82	19.69			1.91	1.77	
10	16QAM	25	0	19.83	19.89	19.72			1.88	1.71	
10	16QAM	25	12	19.77	19.87	19.89	21.6	0	1.83	1.71	0.35
10	16QAM	25	25	19.66	19.83	20.01			1.94	1.59	
10	16QAM	50	0	19.87	19.80	19.90			1.80	1.70	0.10
10	64QAM	1	0	19.80	19.87	19.82			1.80	1.73	
10	64QAM	1	25	19.81	19.81	19.83	21.6	0	1.79	1.77	0.18
10	64QAM	1	49	19.80	19.98	19.81			1.80	1.62	
10	64QAM	25	0	19.69	19.65	19.75			1.95	1.85	
10	64QAM	25	12	19.93	19.90	19.94	21.6	0	1.70	1.66	0.29
10	64QAM	25	25	19.68	19.85	19.85			1.92	1.75	
10	64QAM	50	0	19.66	19.82	19.62			1.98	1.78	0.20
10	256QAM	1	0	17.82	17.71	17.66			1.94	1.78	
10	256QAM	1	25	17.93	17.88	17.77	19.6	2	1.83	1.67	0.29
10	256QAM	1	49	17.95	17.68	17.68			1.92	1.65	
10	256QAM	25	0	17.74	17.91	17.79			1.86	1.69	
10	256QAM	25	12	17.77	17.90	17.72	19.6	2	1.88	1.70	0.33
10	256QAM	25	25	17.89	17.81	18.05			1.79	1.55	
10	256QAM	50	0	17.74	17.76	17.75			1.86	1.84	0.02
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				2572.5	2595	2617.5					
5	QPSK	1	0	19.79	19.83	19.88			1.81	1.72	
5	QPSK	1	12	19.75	19.72	19.87	21.6	0	1.88	1.73	0.28
5	QPSK	1	24	19.75	20.00	19.76			1.85	1.60	
5	QPSK	12	0	19.69	19.84	19.75			1.91	1.76	
5	QPSK	12	7	19.79	19.70	19.72	21.6	0	1.90	1.81	0.22
5	QPSK	12	13	19.91	19.72	19.87			1.88	1.69	
5	QPSK	25	0	19.72	19.88	19.63			1.97	1.72	0.25
5	16QAM	1	0	19.83	19.67	19.77			1.93	1.77	
5	16QAM	1	12	19.85	19.73	19.83	21.6	0	1.87	1.75	0.22
5	16QAM	1	24	19.66	19.81	19.63			1.97	1.79	
5	16QAM	12	0	19.91	19.92	19.75			1.85	1.68	
5	16QAM	12	7	19.72	19.93	19.86	21.6	0	1.88	1.67	0.21
5	16QAM	12	13	19.78	19.75	19.90			1.85	1.70	
5	16QAM	25	0	19.84	19.83	19.81			1.79	1.76	0.03
5	64QAM	1	0	19.80	19.77	19.71			1.89	1.80	
5	64QAM	1	12	19.74	19.77	19.77	21.6	0	1.86	1.83	0.27
5	64QAM	1	24	19.95	19.88	19.68			1.92	1.65	
5	64QAM	12	0	19.80	19.74	19.66			1.94	1.80	
5	64QAM	12	7	19.83	19.76	19.98	21.6	0	1.84	1.62	0.32
5	64QAM	12	13	19.67	19.76	19.80			1.93	1.80	
5	64QAM	25	0	19.77	19.77	19.61			1.99	1.83	0.16
5	256QAM	1	0	17.88	17.75	17.65			1.95	1.72	
5	256QAM	1	12	17.82	17.85	17.75	19.6	2	1.85	1.75	0.43
5	256QAM	1	24	18.08	17.77	17.74			1.86	1.52	
5	256QAM	12	0	17.68	18.08	17.67			1.93	1.52	
5	256QAM	12	7	17.95	18.04	17.66	19.6	2	1.94	1.56	0.42
5	256QAM	12	13	17.96	17.99	17.97			1.64	1.61	
5	256QAM	25	0	17.75	17.82	17.68			1.92	1.78	0.14

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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	19.89	20.12	20.24	20.08	20.01		
20	QPSK	1	49	19.80	19.96	20.14	19.97	19.88	21.6	0
20	QPSK	1	99	20.00	20.13	20.17	19.95	20.01		
20	QPSK	50	0	19.84	20.08	20.20	19.91	19.82		
20	QPSK	50	24	19.96	20.03	20.14	19.93	19.82	21.6	0
20	QPSK	50	50	19.87	20.09	20.19	19.94	20.02		
20	QPSK	100	0	19.84	20.05	20.18	20.00	19.86		
20	16QAM	1	0	19.93	20.13	20.23	19.90	19.88		
20	16QAM	1	49	19.93	20.05	20.21	20.03	19.85	21.6	0
20	16QAM	1	99	19.89	20.15	20.17	19.92	19.81		
20	16QAM	50	0	20.01	20.16	20.08	20.02	19.94		
20	16QAM	50	24	19.91	20.03	20.18	19.99	20.00	21.6	0
20	16QAM	50	50	19.87	19.98	20.18	19.99	19.98		
20	16QAM	100	0	19.87	20.05	20.15	20.03	19.83		
20	64QAM	1	0	19.99	20.01	20.12	19.90	19.84		
20	64QAM	1	49	19.81	20.05	20.18	20.07	19.92	21.6	0
20	64QAM	1	99	19.79	20.12	20.21	20.10	19.94		
20	64QAM	50	0	19.73	19.86	19.79	19.79	19.85		
20	64QAM	50	24	19.88	20.03	19.93	19.88	19.78	21.6	0
20	64QAM	50	50	19.72	19.91	20.09	19.81	19.90		
20	64QAM	100	0	19.89	20.08	20.07	20.06	19.81		
20	256QAM	1	0	18.05	18.13	17.99	17.95	17.90		
20	256QAM	1	49	17.95	17.84	17.95	17.95	17.83	19.6	2
20	256QAM	1	99	17.86	17.89	18.18	18.12	18.13		
20	256QAM	50	0	18.08	17.91	18.00	17.92	17.96		
20	256QAM	50	24	17.93	18.01	18.06	18.06	17.97	19.6	2
20	256QAM	50	50	17.95	18.21	18.08	17.93	18.03		
20	256QAM	100	0	17.97	18.01	18.14	17.92	17.91		
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	19.80	20.01	20.03	20.07	19.81		
15	QPSK	1	37	19.66	19.82	20.07	19.80	19.81	22	0
15	QPSK	1	74	19.94	20.08	20.02	19.76	19.98		
15	QPSK	36	0	19.76	19.91	20.03	19.83	19.75		
15	QPSK	36	20	19.84	19.92	19.98	19.84	19.77	21.6	0
15	QPSK	36	39	19.79	20.05	20.11	19.90	19.88		
15	QPSK	75	0	19.75	19.90	20.11	19.94	19.71		
15	16QAM	1	0	19.78	20.11	20.11	19.74	19.83		
15	16QAM	1	37	19.77	19.99	20.17	19.99	19.81	21.6	0
15	16QAM	1	74	19.88	19.96	20.07	19.74	19.71		
15	16QAM	36	0	19.89	20.06	19.98	19.95	19.88		
15	16QAM	36	20	19.91	19.89	20.01	19.94	19.84	21.6	0
15	16QAM	36	39	19.70	19.80	20.03	19.91	19.97		
15	16QAM	75	0	19.70	19.99	20.10	20.00	19.77		
15	64QAM	1	0	19.87	19.87	19.99	19.71	19.74		
15	64QAM	1	37	19.66	19.91	20.15	20.01	19.90	21.6	0
15	64QAM	1	74	19.68	19.96	20.14	20.05	19.83		
15	64QAM	36	0	19.71	19.73	19.60	19.76	19.79		
15	64QAM	36	20	19.80	19.86	19.81	19.80	19.78	21.6	0
15	64QAM	36	39	19.63	19.86	19.95	19.61	19.82		
15	64QAM	75	0	19.85	19.92	20.01	19.90	19.67		
15	256QAM	1	0	17.93	17.92	17.86	17.83	17.78		
15	256QAM	1	37	17.78	17.81	17.95	17.89	17.79	19.6	2
15	256QAM	1	74	17.75	17.87	18.07	18.04	18.01		
15	256QAM	36	0	17.92	17.90	17.97	17.86	17.86		
15	256QAM	36	20	17.89	17.87	18.00	18.03	17.96	19.6	2
15	256QAM	36	39	17.95	18.15	18.03	17.89	17.87		
15	256QAM	75	0	17.90	17.88	18.14	17.88	17.85		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.87	19.97	20.05	20.04	20.00		
10	QPSK	1	25	19.73	19.86	19.96	19.88	19.88	22	0
10	QPSK	1	49	19.83	20.12	20.16	19.95	19.99		
10	QPSK	25	0	19.84	19.97	20.18	19.88	19.88		
10	QPSK	25	12	19.80	19.89	20.12	19.77	19.84	21.6	0
10	QPSK	25	25	19.86	20.09	20.08	19.95	19.91		
10	QPSK	50	0	19.83	19.98	20.01	19.97	19.76		
10	16QAM	1	0	19.83	20.12	20.05	19.83	19.78		
10	16QAM	1	25	19.89	19.96	20.17	19.87	19.79	21.6	0
10	16QAM	1	49	19.70	20.06	19.97	19.86	19.86		
10	16QAM	25	0	19.85	20.13	19.91	19.93	19.78		
10	16QAM	25	12	19.72	20.00	20.11	19.81	19.87	21.6	0
10	16QAM	25	25	19.85	19.96	20.00	19.95	19.81		
10	16QAM	50	0	19.85	19.91	20.08	20.04	19.64		
10	64QAM	1	0	19.82	19.96	20.10	19.88	19.76		
10	64QAM	1	25	19.67	19.89	20.07	20.05	19.77	21.6	0
10	64QAM	1	49	19.68	19.95	20.05	19.89	19.75		
10	64QAM	25	0	19.69	19.84	19.74	19.62	19.66		
10	64QAM	25	12	19.73	19.95	19.80	19.78	19.71	21.6	0
10	64QAM	25	25	19.99	19.73	19.98	19.65	19.85		
10	64QAM	50	0	19.70	20.08	20.05	19.96	19.71		
10	256QAM	1	0	17.87	17.96	17.82	17.92	17.85		
10	256QAM	1	25	17.95	17.79	17.91	17.89	17.79	19.6	2
10	256QAM	1	49	17.75	17.80	18.09	18.07	18.06		
10	256QAM	25	0	17.95	17.86	17.86	17.83	17.81		
10	256QAM	25	12	17.91	17.99	17.88	17.94	17.92	19.6	2
10	256QAM	25	25	17.84	18.11	18.03	17.92	18.01		
10	256QAM	50	0	17.82	17.96	18.00	17.90	17.78		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.73	20.05	20.10	20.02	19.91		
5	QPSK	1	12	19.80	19.93	19.95	19.95	19.67	22	0
5	QPSK	1	24	19.85	19.94	20.16	19.81	19.93		
5	QPSK	12	0	19.72	19.89	20.05	19.87	19.74		
5	QPSK	12	7	19.77	19.92	20.04	19.80	19.65	21.6	0
5	QPSK	12	13	19.86	19.94	19.99	19.90	19.88		
5	QPSK	25	0	19.73	19.95	20.12	19.96	19.80		
5	16QAM	1	0	19.72	20.11	20.07	19.90	19.68		
5	16QAM	1	12	19.87	20.02	20.16	19.93	19.77	21.6	0
5	16QAM	1	24	19.84	20.13	20.07	19.84	19.69		
5	16QAM	12	0	19.88	20.00	19.90	19.81	19.84		
5	16QAM	12	7	19.82	19.88	20.07	19.96	19.81	21.6	0
5	16QAM	12	13	19.78	19.86	20.12	19.94	19.80		
5	16QAM	25	0	19.71	20.05	19.95	19.89	19.74		
5	64QAM	1	0	19.93	20.01	19.97	19.81	19.80		
5	64QAM	1	12	19.70	19.88	20.05	20.06	19.90	21.6	0
5	64QAM	1	24	19.66	20.08	20.15	19.90	19.77		
5	64QAM	12	0	19.61	19.82	19.63	19.73	19.74		
5	64QAM	12	7	19.76	19.98	19.79	19.73	19.61	21.6	0
5	64QAM	12	13	19.61	19.83	19.91	19.76	19.82		
5	64QAM	25	0	19.84	19.90	19.90	20.05	19.67		
5	256QAM	1	0	17.84	18.10	17.94	17.86	17.70		
5	256QAM	1	12	17.86	17.96	17.81	17.93	17.75	19.6	2
5	256QAM	1	24	17.66	17.74	18.03	18.01	17.95		
5	256QAM	12	0	18.03	17.75	17.94	17.75	17.89		
5	256QAM	12	7	17.88	17.95	17.92	18.05	17.97	19.6	2
5	256QAM	12	13	17.80	18.02	17.99	17.73	17.90		
5	256QAM	25	0	17.82	17.99	18.05	17.80	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	21.78	21.85	21.89	21.76	21.67	23.2	0
20	QPSK	1	49	21.70	21.82	21.84	21.52	21.86		
20	QPSK	1	99	21.79	21.59	21.72	21.62	21.54		
20	QPSK	50	0	21.45	21.69	21.85	21.57	21.73	23.2	0
20	QPSK	50	24	21.78	21.66	21.73	21.78	21.67		
20	QPSK	50	50	21.72	21.58	21.69	21.44	21.55		
20	QPSK	100	0	21.77	21.69	21.83	21.60	21.59		
20	16QAM	1	0	21.83	21.73	21.74	21.53	21.43	23.2	0
20	16QAM	1	49	21.80	21.66	21.76	21.63	21.83		
20	16QAM	1	99	21.87	21.67	21.76	21.61	21.54		
20	16QAM	50	0	21.72	21.53	21.73	21.52	21.52	23.2	0
20	16QAM	50	24	21.83	21.72	21.82	21.50	21.52		
20	16QAM	50	50	21.80	21.61	21.76	21.61	21.62		
20	16QAM	100	0	21.77	21.58	21.84	21.53	21.58		
20	64QAM	1	0	21.81	21.65	21.88	21.55	21.55	23.2	0
20	64QAM	1	49	21.67	21.69	21.81	21.55	21.49		
20	64QAM	1	99	21.54	21.54	21.66	21.48	21.56		
20	64QAM	50	0	21.68	21.69	21.82	21.49	21.61	23.2	0
20	64QAM	50	24	21.44	21.60	21.78	21.52	21.52		
20	64QAM	50	50	21.73	21.58	21.70	21.50	21.54		
20	64QAM	100	0	21.52	21.71	21.84	21.53	21.56		
20	256QAM	1	0	20.26	20.43	20.57	20.28	20.66	22.2	1
20	256QAM	1	49	20.33	20.74	20.49	20.60	20.47		
20	256QAM	1	99	20.27	20.71	20.60	20.41	20.30		
20	256QAM	50	0	20.82	20.58	20.66	20.55	20.60	22.2	1
20	256QAM	50	24	20.60	20.37	20.80	20.63	20.72		
20	256QAM	50	50	20.74	20.51	20.60	20.52	20.54		
20	256QAM	100	0	20.35	20.49	20.76	20.62	20.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.61	21.72	21.74	21.65	21.59	23	0
15	QPSK	1	37	21.51	21.73	21.72	21.42	21.79		
15	QPSK	1	74	21.74	21.48	21.67	21.58	21.42		
15	QPSK	36	0	21.37	21.48	21.65	21.52	21.62	23.2	0
15	QPSK	36	20	21.75	21.46	21.60	21.67	21.67		
15	QPSK	36	39	21.66	21.53	21.51	21.77	21.39		
15	QPSK	75	0	21.72	21.57	21.63	21.58	21.45		
15	16QAM	1	0	21.67	21.62	21.73	21.70	21.56	23.2	0
15	16QAM	1	37	21.78	21.53	21.62	21.60	21.62		
15	16QAM	1	74	21.82	21.59	21.72	21.45	21.45		
15	16QAM	36	0	21.66	21.33	21.52	21.32	21.44	23.2	0
15	16QAM	36	20	21.63	21.59	21.65	21.44	21.47		
15	16QAM	36	39	21.68	21.44	21.66	21.59	21.46		
15	16QAM	75	0	21.63	21.51	21.82	21.36	21.40		
15	64QAM	1	0	21.62	21.54	21.76	21.45	21.39	23.2	0
15	64QAM	1	37	21.51	21.49	21.73	21.44	21.49		
15	64QAM	1	74	21.37	21.53	21.53	21.42	21.54		
15	64QAM	36	0	21.69	21.50	21.64	21.47	21.53	23.2	0
15	64QAM	36	20	21.30	21.53	21.67	21.48	21.44		
15	64QAM	36	39	21.54	21.49	21.52	21.30	21.42		
15	64QAM	75	0	21.46	21.61	21.76	21.34	21.38		
15	256QAM	1	0	20.26	20.39	20.41	20.23	20.57	22.2	1
15	256QAM	1	37	20.21	20.69	20.39	20.59	20.41		
15	256QAM	1	74	20.20	20.68	20.52	20.21	20.24		
15	256QAM	36	0	20.63	20.51	20.63	20.50	20.60	22.2	1
15	256QAM	36	20	20.42	20.38	20.74	20.61	20.56		
15	256QAM	36	39	20.65	20.38	20.45	20.34	20.44		
15	256QAM	75	0	20.25	20.41	20.56	20.61	20.23		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.76	21.65	21.63	21.57	21.59	23	0
10	QPSK	1	25	21.68	21.67	21.67	21.38	21.67		
10	QPSK	1	49	21.72	21.56	21.62	21.57	21.46		
10	QPSK	25	0	21.46	21.69	21.68	21.46	21.69	23.2	0
10	QPSK	25	12	21.69	21.60	21.68	21.70	21.57		
10	QPSK	25	25	21.65	21.40	21.54	21.44	21.50		
10	QPSK	50	0	21.65	21.62	21.73	21.45	21.50		
10	16QAM	1	0	21.63	21.74	21.59	21.48	21.43	23.2	0
10	16QAM	1	25	21.68	21.56	21.60	21.54	21.64		
10	16QAM	1	49	21.66	21.67	21.71	21.45	21.36		
10	16QAM	25	0	21.59	21.34	21.65	21.35	21.51	23.2	0
10	16QAM	25	12	21.63	21.64	21.69	21.47	21.44		
10	16QAM	25	25	21.62	21.43	21.57	21.57	21.60		
10	16QAM	50	0	21.71	21.49	21.68	21.46	21.58		
10	64QAM	1	0	21.80	21.47	21.69	21.39	21.54	23.2	0
10	64QAM	1	25	21.48	21.62	21.80	21.39	21.39		
10	64QAM	1	49	21.50	21.43	21.64	21.37	21.49		
10	64QAM	25	0	21.65	21.57	21.63	21.40	21.57	23.2	0
10	64QAM	25	12	21.38	21.46	21.61	21.32	21.48		
10	64QAM	25	25	21.56	21.55	21.56	21.31	21.34		
10	64QAM	50	0	21.36	21.60	21.63	21.32	21.41		
10	256QAM	1	0	20.35	20.33	20.52	20.22	20.65	22.2	1
10	256QAM	1	25	20.32	20.55	20.36	20.46	20.35		
10	256QAM	1	49	20.34	20.70	20.61	20.23	20.29		
10	256QAM	25	0	20.71	20.41	20.54	20.53	20.40	22.2	1
10	256QAM	25	12	20.39	20.30	20.60	20.45	20.69		
10	256QAM	25	25	20.64	20.48	20.46	20.37	20.44		
10	256QAM	50	0	20.35	20.40	20.58	20.58	20.25		
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	21.67	21.76	21.74	21.76	21.53	23	0
5	QPSK	1	12	21.66	21.73	21.66	21.35	21.76		
5	QPSK	1	24	21.71	21.49	21.72	21.51	21.42		
5	QPSK	12	0	21.40	21.67	21.76	21.47	21.72	23.2	0
5	QPSK	12	7	21.64	21.63	21.63	21.60	21.67		
5	QPSK	12	13	21.59	21.39	21.56	21.26	21.51		
5	QPSK	25	0	21.71	21.57	21.83	21.51	21.39	23.2	0
5	16QAM	1	0	21.73	21.61	21.58	21.40	21.32		
5	16QAM	1	12	21.63	21.62	21.72	21.58	21.58		
5	16QAM	1	24	21.81	21.64	21.58	21.45	21.46	23.2	0
5	16QAM	12	0	21.54	21.53	21.56	21.43	21.36		
5	16QAM	12	7	21.77	21.56	21.68	21.30	21.42		
5	16QAM	12	13	21.62	21.61	21.58	21.44	21.58		
5	16QAM	25	0	21.66	21.42	21.67	21.39	21.45	23.2	0
5	64QAM	1	0	21.80	21.57	21.71	21.41	21.46		
5	64QAM	1	12	21.57	21.67	21.62	21.55	21.32		
5	64QAM	1	24	21.53	21.49	21.63	21.42	21.38		
5	64QAM	12	0	21.54	21.65	21.72	21.46	21.41	23.2	0
5	64QAM	12	7	21.44	21.42	21.76	21.38	21.52		
5	64QAM	12	13	21.53	21.56	21.68	21.41	21.52		
5	64QAM	25	0	21.31	21.65	21.69	21.45	21.38		
5	256QAM	1	0	20.20	20.32	20.57	20.23	20.56	22.2	1
5	256QAM	1	12	20.34	20.54	20.50	20.51	20.40		
5	256QAM	1	24	20.38	20.56	20.58	20.29	20.29		
5	256QAM	12	0	20.72	20.51	20.57	20.54	20.40	22.2	1
5	256QAM	12	7	20.60	20.33	20.69	20.46	20.55		
5	256QAM	12	13	20.65	20.35	20.58	20.35	20.52		
5	256QAM	25	0	20.36	20.48	20.65	20.46	20.24		

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BW [MHz]	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	18.12	18.18	18.11	19.3	0
20	QPSK	1	49	18.07	18.03	18.04		
20	QPSK	1	99	17.94	18.16	17.96		
20	QPSK	50	0	17.99	18.17	17.93	19.3	0
20	QPSK	50	24	18.02	18.12	18.00		
20	QPSK	50	50	18.05	18.02	18.05		
20	QPSK	100	0	18.08	18.16	17.98		
20	16QAM	1	0	17.95	18.09	18.11	19.3	0
20	16QAM	1	49	18.09	18.03	17.95		
20	16QAM	1	99	17.92	18.14	17.95		
20	16QAM	50	0	18.01	18.15	18.12	19.3	0
20	16QAM	50	24	17.92	18.12	17.97		
20	16QAM	50	50	17.93	18.16	17.96		
20	16QAM	100	0	17.97	18.13	17.92		
20	64QAM	1	0	18.04	18.12	17.94	19.3	0
20	64QAM	1	49	18.09	18.15	18.08		
20	64QAM	1	99	18.02	18.03	18.12		
20	64QAM	50	0	18.00	18.13	17.96	19.3	0
20	64QAM	50	24	18.08	18.15	18.07		
20	64QAM	50	50	17.98	18.07	18.12		
20	64QAM	100	0	18.09	18.16	18.09		
20	256QAM	1	0	18.08	18.06	18.10	19.3	0
20	256QAM	1	49	17.97	18.12	17.94		
20	256QAM	1	99	17.96	18.09	17.97		
20	256QAM	50	0	17.96	17.99	17.93	19.3	0
20	256QAM	50	24	18.03	18.15	18.07		
20	256QAM	50	50	18.10	17.98	18.06		
20	256QAM	100	0	18.13	18.14	18.06		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.03	18.13	18.05	19.3	0
15	QPSK	1	37	17.97	18.00	17.87		
15	QPSK	1	74	17.92	17.98	17.96		
15	QPSK	36	0	17.93	17.98	17.91	19.3	0
15	QPSK	36	20	17.92	18.12	17.92		
15	QPSK	36	39	17.96	17.84	18.00		
15	QPSK	75	0	18.03	18.17	17.88		
15	16QAM	1	0	17.88	17.89	17.91	19.3	0
15	16QAM	1	37	18.00	17.90	17.90		
15	16QAM	1	74	17.74	18.14	17.82		
15	16QAM	36	0	18.01	18.11	18.00	19.3	0
15	16QAM	36	20	17.73	18.01	17.83		
15	16QAM	36	39	17.73	18.06	17.86		
15	16QAM	75	0	17.94	17.96	17.74		
15	64QAM	1	0	18.02	17.92	17.78	19.3	0
15	64QAM	1	37	18.03	18.09	17.93		
15	64QAM	1	74	17.82	17.92	18.10		
15	64QAM	36	0	17.84	18.09	17.87	19.3	0
15	64QAM	36	20	17.98	18.11	18.05		
15	64QAM	36	39	17.86	17.92	17.92		
15	64QAM	75	0	18.01	17.96	18.07		
15	256QAM	1	0	17.99	17.85	18.05	19.3	0
15	256QAM	1	37	17.92	18.01	17.78		
15	256QAM	1	74	17.84	17.97	17.82		
15	256QAM	36	0	17.85	17.80	17.86	19.3	0
15	256QAM	36	20	17.87	18.06	18.06		
15	256QAM	36	39	18.07	17.79	17.96		
15	256QAM	75	0	18.08	18.14	18.01		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.94	18.18	17.97	19.3	0
10	QPSK	1	25	17.92	17.87	17.86		
10	QPSK	1	49	17.87	18.00	17.96		
10	QPSK	25	0	17.88	17.99	17.79	19.3	0
10	QPSK	25	12	18.00	17.92	17.87		
10	QPSK	25	25	18.06	17.89	17.95		
10	QPSK	50	0	17.96	18.12	17.89		
10	16QAM	1	0	17.85	17.91	17.93	19.3	0
10	16QAM	1	25	18.03	17.99	17.82		
10	16QAM	1	49	17.79	18.01	17.79		
10	16QAM	25	0	17.90	18.04	17.98	19.3	0
10	16QAM	25	12	17.76	18.03	17.79		
10	16QAM	25	25	17.81	18.02	17.76		
10	16QAM	50	0	17.96	18.00	17.86		
10	64QAM	1	0	17.84	18.07	17.93	19.3	0
10	64QAM	1	25	18.09	18.12	17.95		
10	64QAM	1	49	17.96	17.91	17.92		
10	64QAM	25	0	17.99	18.01	17.82	19.3	0
10	64QAM	25	12	18.04	17.97	18.07		
10	64QAM	25	25	17.97	17.92	18.10		
10	64QAM	50	0	17.97	18.10	17.99		
10	256QAM	1	0	18.08	17.90	17.97	19.3	0
10	256QAM	1	25	17.83	18.05	17.78		
10	256QAM	1	49	17.85	17.98	17.78		
10	256QAM	25	0	17.89	17.78	17.93	19.3	0
10	256QAM	25	12	17.94	18.13	17.94		
10	256QAM	25	25	18.03	17.83	17.98		
10	256QAM	50	0	17.93	18.06	17.98		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.04	18.00	18.02	19.3	0
5	QPSK	1	12	18.03	17.87	17.86		
5	QPSK	1	24	17.93	18.03	17.75		
5	QPSK	12	0	17.78	18.04	17.82	19.3	0
5	QPSK	12	7	18.02	18.06	17.95		
5	QPSK	12	13	18.03	17.93	17.91		
5	QPSK	25	0	17.90	18.00	17.78	19.3	0
5	16QAM	1	0	17.90	18.09	18.09		
5	16QAM	1	12	18.06	17.90	17.88		
5	16QAM	1	24	17.71	18.10	17.96	19.3	0
5	16QAM	12	0	17.90	18.13	18.03		
5	16QAM	12	7	17.79	17.93	17.93		
5	16QAM	12	13	17.74	17.96	17.91		
5	16QAM	25	0	17.81	18.12	17.90	19.3	0
5	64QAM	1	0	18.03	18.01	17.87		
5	64QAM	1	12	17.93	18.14	18.04		
5	64QAM	1	24	17.96	17.84	17.92		
5	64QAM	12	0	17.98	17.95	17.81	19.3	0
5	64QAM	12	7	18.00	18.06	18.03		
5	64QAM	12	13	17.85	17.92	17.94		
5	64QAM	25	0	18.09	18.10	17.93	19.3	0
5	256QAM	1	0	18.03	17.97	18.00		
5	256QAM	1	12	17.84	17.95	17.75		
5	256QAM	1	24	17.80	17.96	17.78		
5	256QAM	12	0	17.86	17.96	17.80	19.3	0
5	256QAM	12	7	18.02	18.01	17.94		
5	256QAM	12	13	17.99	17.83	18.04		
5	256QAM	25	0	18.08	18.09	17.97		

Band 43_FCC 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				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.02	21.06	20.89	22	0
20	QPSK	1	49	20.91	21.00	20.87		
20	QPSK	1	99	20.89	20.95	20.90		
20	QPSK	50	0	20.09	20.21	20.07	21	1
20	QPSK	50	24	20.03	20.15	20.09		
20	QPSK	50	50	20.04	20.10	20.07		
20	QPSK	100	0	20.07	20.17	20.07		
20	16QAM	1	0	20.01	20.12	20.01	21	1
20	16QAM	1	49	20.02	20.06	19.99		
20	16QAM	1	99	19.97	20.02	19.88		
20	16QAM	50	0	19.02	19.11	19.00	20	2
20	16QAM	50	24	18.94	19.03	18.88		
20	16QAM	50	50	18.94	19.07	19.01		
20	16QAM	100	0	18.92	19.01	18.86		
20	64QAM	1	0	18.79	18.88	18.82	20	2
20	64QAM	1	49	18.78	18.82	18.79		
20	64QAM	1	99	18.68	18.78	18.67		
20	64QAM	50	0	18.17	18.23	18.14	19	3
20	64QAM	50	24	18.05	18.14	18.04		
20	64QAM	50	50	18.10	18.19	18.14		
20	64QAM	100	0	18.02	18.11	18.02		
20	256QAM	1	0	16.64	16.78	16.68	17	5
20	256QAM	1	49	16.69	16.75	16.72		
20	256QAM	1	99	16.64	16.70	16.57		
20	256QAM	50	0	16.61	16.71	16.63	17	5
20	256QAM	50	24	16.49	16.61	16.56		
20	256QAM	50	50	16.63	16.67	16.54		
20	256QAM	100	0	16.52	16.65	16.55		
Channel				44165	44590	45015	Tune-up limit	MPR
Frequency (MHz)				3607.5	3650	3692.5	(dBm)	(dB)
15	QPSK	1	0	20.87	20.98	20.78	22	0
15	QPSK	1	37	20.79	20.93	20.83		
15	QPSK	1	74	20.79	20.89	20.85		
15	QPSK	36	0	20.02	20.15	19.99	21	1
15	QPSK	36	20	19.89	20.01	20.05		
15	QPSK	36	39	19.98	19.95	19.97		
15	QPSK	75	0	19.96	20.04	19.98		
15	16QAM	1	0	19.88	19.97	19.92	21	1
15	16QAM	1	37	19.96	19.94	19.87		
15	16QAM	1	74	19.92	19.94	19.76		
15	16QAM	36	0	18.93	18.99	18.95	20	2
15	16QAM	36	20	18.91	18.93	18.77		
15	16QAM	36	39	18.80	18.93	18.97		
15	16QAM	75	0	18.88	18.90	18.79		
15	64QAM	1	0	18.72	18.80	18.71	20	2
15	64QAM	1	37	18.73	18.74	18.73		
15	64QAM	1	74	18.56	18.66	18.56		
15	64QAM	36	0	18.13	18.13	18.08	19	3
15	64QAM	36	20	17.95	18.08	17.94		
15	64QAM	36	39	18.05	18.08	18.06		
15	64QAM	75	0	17.93	17.99	17.92		
15	256QAM	1	0	16.55	16.74	16.63	17	5
15	256QAM	1	37	16.59	16.68	16.67		
15	256QAM	1	74	16.50	16.59	16.47		
15	256QAM	36	0	16.56	16.62	16.52	17	5
15	256QAM	36	20	16.42	16.52	16.53		
15	256QAM	36	39	16.53	16.57	16.47		
15	256QAM	75	0	16.49	16.52	16.50		
Channel				44140	44590	45040	Tune-up limit	MPR
Frequency (MHz)				3605	3650	3695	(dBm)	(dB)
10	QPSK	1	0	20.95	21.00	20.83	22	0
10	QPSK	1	25	20.83	20.91	20.84		
10	QPSK	1	49	20.85	20.89	20.81		
10	QPSK	25	0	19.95	20.17	20.01	21	1
10	QPSK	25	12	19.88	20.10	20.01		
10	QPSK	25	25	19.91	20.07	19.97		
10	QPSK	50	0	19.99	20.08	19.95		
10	16QAM	1	0	19.89	19.97	19.93	21	1
10	16QAM	1	25	19.89	19.97	19.88		
10	16QAM	1	49	19.86	19.89	19.79		
10	16QAM	25	0	18.97	19.01	18.94	20	2
10	16QAM	25	12	18.79	18.95	18.80		
10	16QAM	25	25	18.85	19.02	18.95		
10	16QAM	50	0	18.81	18.87	18.76		
10	64QAM	1	0	18.71	18.85	18.75	20	2
10	64QAM	1	25	18.72	18.75	18.72		
10	64QAM	1	49	18.64	18.72	18.63		
10	64QAM	25	0	18.07	18.17	18.06	19	3
10	64QAM	25	12	17.96	18.09	18.00		
10	64QAM	25	25	18.00	18.08	18.07		
10	64QAM	50	0	17.95	17.99	17.87		
10	256QAM	1	0	16.53	16.70	16.64	17	5
10	256QAM	1	25	16.60	16.64	16.63		
10	256QAM	1	49	16.57	16.63	16.51		
10	256QAM	25	0	16.49	16.63	16.52	17	5
10	256QAM	25	12	16.36	16.51	16.44		
10	256QAM	25	25	16.51	16.58	16.47		
10	256QAM	50	0	16.46	16.56	16.41		
Channel				44115	44590	45065	Tune-up limit	MPR
Frequency (MHz)				3602.5	3650	3697.5	(dBm)	(dB)
5	QPSK	1	0	20.95	20.99	20.83	22	0
5	QPSK	1	12	20.85	20.89	20.75		
5	QPSK	1	24	20.80	20.81	20.77		
5	QPSK	12	0	20.01	20.15	20.02	21	1
5	QPSK	12	7	19.88	20.11	19.98		
5	QPSK	12	13	19.94	19.98	20.00		
5	QPSK	25	0	20.03	20.11	19.92		
5	16QAM	1	0	19.93	20.04	19.95	21	1
5	16QAM	1	12	19.93	19.98	19.95		
5	16QAM	1	24	19.93	19.96	19.75		
5	16QAM	12	0	18.96	19.08	18.85	20	2
5	16QAM	12	7	18.87	18.97	18.85		
5	16QAM	12	13	18.79	18.93	18.94		
5	16QAM	25	0	18.78	18.92	18.75		
5	64QAM	1	0	18.75	18.77	18.73	20	2
5	64QAM	1	12	18.70	18.74	18.67		
5	64QAM	1	24	18.54	18.64	18.61		
5	64QAM	12	0	18.04	18.12	18.00	19	3
5	64QAM	12	7	18.00	18.05	17.98		
5	64QAM	12	13	18.01	18.10	18.04		
5	64QAM	25	0	17.87	18.08	17.95		
5	256QAM	1	0	16.60	16.73	16.63	17	5
5	256QAM	1	12	16.54	16.62	16.57		
5	256QAM	1	24	16.57	16.65	16.51		
5	256QAM	12	0	16.56	16.59	16.55	17	5
5	256QAM	12	7	16.40	16.46	16.43		
5	256QAM	12	13	16.59	16.53	16.45		
5	256QAM	25	0	16.39	16.61	16.49		

Band 48_FCC Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.71	19.74	19.36	18.85	23	0
20	QPSK	1	49	21.70	21.62	21.37	21.08		
20	QPSK	1	99	21.57	19.48	18.98	18.79		
20	QPSK	50	0	20.70	20.62	20.57	20.19	22	1
20	QPSK	50	24	20.66	20.57	20.50	20.22		
20	QPSK	50	50	20.62	20.59	20.41	20.12		
20	QPSK	100	0	20.59	20.51	20.43	20.16		
20	16QAM	1	0	20.49	18.27	18.17	18.13	22	1
20	16QAM	1	49	20.40	20.46	20.39	20.32		
20	16QAM	1	99	19.10	17.87	17.82	17.73		
20	16QAM	50	0	19.66	19.69	19.55	19.66	21	2
20	16QAM	50	24	19.31	19.36	19.29	19.27		
20	16QAM	50	50	19.17	19.32	19.27	19.28		
20	16QAM	100	0	19.56	19.62	19.54	19.57		
20	64QAM	1	0	18.21	17.55	17.47	17.45	21	2
20	64QAM	1	49	19.61	19.68	19.57	19.63		
20	64QAM	1	99	18.06	17.36	17.27	17.26		
20	64QAM	50	0	18.59	18.71	18.59	18.58	20	3
20	64QAM	50	24	18.50	18.56	18.45	18.46		
20	64QAM	50	50	18.53	18.64	18.52	18.58		
20	64QAM	100	0	18.55	18.61	18.50	18.58		
20	256QAM	1	0	15.11	14.40	14.31	14.27	18	5
20	256QAM	1	49	17.65	17.32	17.24	17.21		
20	256QAM	1	99	15.09	14.24	14.12	14.17		
20	256QAM	50	0	17.10	17.23	17.16	17.09	18	5
20	256QAM	50	24	17.15	17.19	17.05	17.16		
20	256QAM	50	50	17.07	17.21	17.17	17.07		
20	256QAM	100	0	17.06	17.13	17.01	17.04		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	21.55	19.47	18.95	18.45	23	0
15	QPSK	1	37	21.56	21.52	21.30	21.02		
15	QPSK	1	74	21.51	19.24	18.77	18.41		
15	QPSK	36	0	20.66	20.56	20.50	20.10	22	1
15	QPSK	36	20	20.61	20.53	20.38	20.15		
15	QPSK	36	39	20.52	20.45	20.34	20.01		
15	QPSK	75	0	20.47	20.40	20.32	20.12		
15	16QAM	1	0	20.42	18.22	18.08	18.06	22	1
15	16QAM	1	37	20.33	20.34	20.29	20.24		
15	16QAM	1	74	18.99	17.72	17.69	17.64		
15	16QAM	36	0	19.52	19.63	19.44	19.51	21	2
15	16QAM	36	20	19.25	19.24	19.21	19.16		
15	16QAM	36	39	19.09	19.27	19.15	19.21		
15	16QAM	75	0	19.47	19.56	19.47	19.51		
15	64QAM	1	0	18.15	17.43	17.41	17.32	21	2
15	64QAM	1	37	19.52	19.58	19.47	19.55		
15	64QAM	1	74	18.01	17.26	17.13	17.21		
15	64QAM	36	0	18.49	18.67	18.53	18.49	20	3
15	64QAM	36	20	18.44	18.49	18.35	18.31		
15	64QAM	36	39	18.49	18.52	18.39	18.50		
15	64QAM	75	0	18.41	18.50	18.42	18.49		
15	256QAM	1	0	15.08	14.33	14.19	14.12	18	5
15	256QAM	1	37	17.60	17.20	17.19	17.17		
15	256QAM	1	74	14.96	14.18	13.99	14.05		
15	256QAM	36	0	16.98	17.19	17.04	16.98	18	5
15	256QAM	36	20	17.09	17.13	17.00	17.04		
15	256QAM	36	39	17.01	17.07	17.11	16.95		
15	256QAM	75	0	16.95	17.04	16.97	16.99		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	21.58	19.36	19.01	18.42	23	0
10	QPSK	1	25	21.48	21.53	21.37	20.95		
10	QPSK	1	49	21.46	19.15	18.77	18.33		
10	QPSK	25	0	20.59	20.55	20.48	20.06	22	1
10	QPSK	25	12	20.59	20.45	20.46	20.15		
10	QPSK	25	25	20.49	20.44	20.27	20.05		
10	QPSK	50	0	20.52	20.42	20.36	20.12		
10	16QAM	1	0	20.37	18.15	18.05	18.05	22	1
10	16QAM	1	25	20.37	20.34	20.25	20.21		
10	16QAM	1	49	19.05	17.76	17.73	17.60		
10	16QAM	25	0	19.54	19.64	19.51	19.59	21	2
10	16QAM	25	12	19.21	19.28	19.22	19.18		
10	16QAM	25	25	19.07	19.25	19.16	19.22		
10	16QAM	50	0	19.42	19.53	19.51	19.54		
10	64QAM	1	0	18.12	17.47	17.40	17.32	21	2
10	64QAM	1	25	19.56	19.57	19.48	19.56		
10	64QAM	1	49	17.98	17.25	17.22	17.16		
10	64QAM	25	0	18.54	18.63	18.51	18.45	20	3
10	64QAM	25	12	18.45	18.51	18.41	18.39		
10	64QAM	25	25	18.45	18.58	18.44	18.53		
10	64QAM	50	0	18.45	18.56	18.42	18.55		
10	256QAM	1	0	15.00	14.33	14.27	14.22	18	5
10	256QAM	1	25	17.61	17.23	17.15	17.12		
10	256QAM	1	49	15.04	14.14	14.01	14.11		
10	256QAM	25	0	16.99	17.17	17.03	17.02	18	5
10	256QAM	25	12	17.03	17.06	17.01	17.04		
10	256QAM	25	25	16.94	17.09	17.11	16.95		
10	256QAM	50	0	16.95	17.05	16.97	16.92		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	21.63	19.46	18.99	18.39	23	0
5	QPSK	1	12	21.48	21.47	21.32	21.03		
5	QPSK	1	24	21.53	19.21	18.74	18.43		
5	QPSK	12	0	20.65	20.51	20.44	20.07	22	1
5	QPSK	12	7	20.58	20.48	20.37	20.12		
5	QPSK	12	13	20.53	20.48	20.30	19.98		
5	QPSK	25	0	20.45	20.42	20.36	20.07		
5	16QAM	1	0	20.38	18.18	18.09	18.00	22	1
5	16QAM	1	12	20.36	20.36	20.30	20.27		
5	16QAM	1	24	19.04	17.82	17.74	17.58		
5	16QAM	12	0	19.57	19.56	19.43	19.51	21	2
5	16QAM	12	7	19.20	19.22	19.20	19.12		
5	16QAM	12	13	19.10	19.27	19.19	19.21		
5	16QAM	25	0	19.48	19.59	19.50	19.53		
5	64QAM	1	0	18.16	17.47	17.39	17.39	21	2
5	64QAM	1	12	19.48	19.56	19.53	19.60		
5	64QAM	1	24	17.94	17.32	17.23	17.11		
5	64QAM	12	0	18.45	18.61	18.50	18.51	20	3
5	64QAM	12	7	18.40	18.43	18.37	18.39		
5	64QAM	12	13	18.41	18.50	18.46	18.43		
5	64QAM	25	0	18.46	18.47	18.39	18.47		
5	256QAM	1	0	15.04	14.29	14.21	14.18	18	5
5	256QAM	1	12	17.55	17.21	17.13	17.12		
5	256QAM	1	24	14.97	14.10	14.01	14.04		
5	256QAM	12	0	16.96	17.11	17.08	17.01	18	5
5	256QAM	12	7	17.08	17.04	16.93	17.01		
5	256QAM	12	13	16.93	17.15	17.09	16.95		
5	256QAM	25	0	17.01	17.05	16.91	16.98		

GSM1900 Ant2 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.24	30.28	30.07	30.50	21.24	21.28	21.07	21.50
GPRS 1 Tx slot	30.27	30.30	30.09	30.50	21.27	21.30	21.09	21.50
GPRS 2 Tx slots	28.35	28.29	28.29	29.50	22.35	22.29	22.29	23.50
GPRS 3 Tx slots	26.82	26.82	26.79	28.00	22.56	22.56	22.53	23.74
GPRS 4 Tx slots	24.43	24.47	24.52	25.50	21.43	21.47	21.52	22.50
EDGE 1 Tx slot	25.79	25.74	25.81	26.50	16.79	16.74	16.81	17.50
EDGE 2 Tx slots	24.23	24.26	24.28	25.50	18.23	18.26	18.28	19.50
EDGE 3 Tx slots	23.05	23.12	23.07	24.00	18.79	18.86	18.81	19.74
EDGE 4 Tx slots	21.11	21.10	21.14	22.00	18.11	18.10	18.14	19.00

		WCDMA II Ant2 DSI3				WCDMA IV Ant2 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.59	21.82	21.53	22.90	22.93	22.85	22.85	24.00
3GPP Rel 99	RMC 12.2Kbps	21.66	21.68	21.58	22.90	22.92	22.97	22.84	24.00
3GPP Rel 6	HSDPA Subtest-1	20.42	20.50	20.39	21.90	22.04	22.02	21.92	23.00
3GPP Rel 6	HSDPA Subtest-2	20.58	20.82	20.62	21.90	22.11	22.15	21.91	23.00
3GPP Rel 6	HSDPA Subtest-3	20.16	20.21	20.16	21.40	21.79	21.81	21.54	22.50
3GPP Rel 6	HSDPA Subtest-4	20.25	20.19	20.06	21.40	21.51	21.68	21.49	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.67	20.68	20.41	21.90	22.09	22.24	21.95	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.62	20.85	20.58	21.90	22.01	22.21	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.82	20.09	20.12	21.40	21.39	21.62	21.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.16	20.08	19.99	21.40	21.74	21.47	21.45	22.50
3GPP Rel 6	HSUPA Subtest-1	20.50	20.68	20.45	21.90	21.96	22.21	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	18.43	18.67	18.66	19.90	20.09	20.19	20.19	21.00
3GPP Rel 6	HSUPA Subtest-3	19.55	19.76	19.49	20.90	21.22	21.14	20.93	22.00
3GPP Rel 6	HSUPA Subtest-4	18.46	18.81	18.44	19.90	20.05	20.06	20.05	21.00
3GPP Rel 6	HSUPA Subtest-5	20.45	20.69	20.58	21.90	21.99	22.04	21.99	23.00

Band 2 Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	21.12	21.21	21.17	22.7	0
20	QPSK	1	49	21.05	21.14	20.93		
20	QPSK	1	99	21.03	21.15	20.92		
20	QPSK	50	0	21.06	21.18	21.03		
20	QPSK	50	24	21.03	20.98	21.00	22.7	0
20	QPSK	50	50	21.05	20.97	21.00		
20	QPSK	100	0	20.92	21.16	20.96		
20	16QAM	1	0	21.03	21.09	20.90		
20	16QAM	1	49	20.74	21.02	20.78	22.7	0
20	16QAM	1	99	21.05	21.09	20.84		
20	16QAM	50	0	20.81	21.00	20.82		
20	16QAM	50	24	20.75	20.67	20.73	22.2	0.5
20	16QAM	50	50	20.90	20.79	20.78		
20	16QAM	100	0	20.84	20.82	20.88		
20	64QAM	1	0	20.69	20.64	20.80		
20	64QAM	1	49	20.81	20.95	20.89	22.2	0.5
20	64QAM	1	99	20.98	20.95	20.77		
20	64QAM	50	0	19.93	19.72	19.84		
20	64QAM	50	24	19.80	19.77	19.93	21.2	1.5
20	64QAM	50	50	19.81	19.85	19.78		
20	64QAM	100	0	19.81	19.78	19.81		
20	256QAM	1	0	18.07	17.93	17.90		
20	256QAM	1	49	18.13	18.12	18.01	19.2	3.5
20	256QAM	1	99	17.96	18.00	18.05		
20	256QAM	50	0	18.07	18.02	17.88		
20	256QAM	50	24	18.13	18.07	18.15	19.2	3.5
20	256QAM	50	50	18.15	18.00	18.02		
20	256QAM	100	0	18.15	17.95	17.94		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.07	21.14	21.17	22.7	0
15	QPSK	1	37	21.01	21.15	20.89		
15	QPSK	1	74	20.99	20.93	20.89		
15	QPSK	36	0	20.88	21.16	21.04		
15	QPSK	36	20	20.82	20.84	20.97	22.7	0
15	QPSK	36	39	21.05	20.88	20.84		
15	QPSK	75	0	20.74	21.07	20.95		
15	16QAM	1	0	20.88	21.01	20.75		
15	16QAM	1	37	20.82	20.97	20.71	22.7	0
15	16QAM	1	74	20.89	21.09	20.86		
15	16QAM	36	0	20.70	20.78	20.80		
15	16QAM	36	20	20.66	20.64	20.52	22.2	0.5
15	16QAM	36	39	20.81	20.79	20.57		
15	16QAM	75	0	20.68	20.82	20.81		
15	64QAM	1	0	20.67	20.46	20.77		
15	64QAM	1	37	20.59	20.83	20.84	22.2	0.5
15	64QAM	1	74	20.83	20.91	20.66		
15	64QAM	36	0	19.81	19.72	19.63		
15	64QAM	36	20	19.72	19.55	19.93	21.2	1.5
15	64QAM	36	39	19.70	19.77	19.57		
15	64QAM	75	0	19.73	19.77	19.75		
15	256QAM	1	0	17.95	17.84	17.69		
15	256QAM	1	37	17.99	17.96	17.83	19.2	3.5
15	256QAM	1	74	17.79	17.88	17.95		
15	256QAM	36	0	17.99	17.89	17.71		
15	256QAM	36	20	17.91	17.86	18.02	19.2	3.5
15	256QAM	36	39	18.10	17.89	17.83		
15	256QAM	75	0	18.05	17.78	17.77		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.94	21.08	21.04	22.7	0
10	QPSK	1	25	21.06	20.97	20.87		
10	QPSK	1	49	21.04	20.94	20.89		
10	QPSK	25	0	20.92	21.01	20.86		
10	QPSK	25	12	20.89	20.98	20.95	22.7	0
10	QPSK	25	25	20.98	20.78	21.01		
10	QPSK	50	0	20.90	21.18	20.84		
10	16QAM	1	0	20.99	21.05	20.70		
10	16QAM	1	25	20.97	20.99	20.93	22.7	0
10	16QAM	1	49	20.97	20.97	20.78		
10	16QAM	25	0	20.68	20.79	20.83		
10	16QAM	25	12	20.76	20.65	20.55	22.2	0.5
10	16QAM	25	25	20.76	20.66	20.63		
10	16QAM	50	0	20.81	20.61	20.71		
10	64QAM	1	0	20.66	20.61	20.63		
10	64QAM	1	25	20.76	20.80	20.88	22.2	0.5
10	64QAM	1	49	20.87	20.76	20.62		
10	64QAM	25	0	19.81	19.57	19.65		
10	64QAM	25	12	19.79	19.73	19.88	21.2	1.5
10	64QAM	25	25	19.79	19.87	19.66		
10	64QAM	50	0	19.67	19.59	19.74		
10	256QAM	1	0	18.00	17.90	17.88		
10	256QAM	1	25	17.92	18.01	17.94	19.2	3.5
10	256QAM	1	49	17.97	17.99	17.94		
10	256QAM	25	0	17.87	17.94	17.81		
10	256QAM	25	12	17.99	17.96	18.04	19.2	3.5
10	256QAM	25	25	17.96	17.80	17.81		
10	256QAM	50	0	18.04	17.91	17.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.13	21.20	21.06	22.7	0
5	QPSK	1	12	20.86	21.05	20.77		
5	QPSK	1	24	21.01	21.04	20.72		
5	QPSK	12	0	20.97	21.03	20.91		
5	QPSK	12	7	20.95	20.91	20.92	22.7	0
5	QPSK	12	13	20.87	20.75	20.98		
5	QPSK	25	0	20.80	21.16	20.89		
5	16QAM	1	0	21.01	20.91	20.72		
5	16QAM	1	12	20.89	20.89	20.77	22.7	0
5	16QAM	1	24	20.88	20.94	20.72		
5	16QAM	12	0	20.62	21.02	20.81		
5	16QAM	12	7	20.64	20.83	20.75	22.2	0.5
5	16QAM	12	13	20.73	20.78	20.56		
5	16QAM	25	0	20.75	20.83	20.73		
5	64QAM	1	0	20.96	20.87	20.74		
5	64QAM	1	12	20.83	20.83	20.86	22.2	0.5
5	64QAM	1	24	20.98	20.94	20.77		
5	64QAM	12	0	19.94	19.50	19.82		
5	64QAM	12	7	19.73	19.56	19.79	21.2	1.5
5	64QAM	12	13	19.78	19.69	19.75		
5	64QAM	25	0	19.82	19.59	19.74		
5	256QAM	1	0	17.89	17.78	17.82		
5	256QAM	1	12	18.00	18.05	18.00	19.2	3.5
5	256QAM	1	24	17.84	17.81	18.00		
5	256QAM	12	0	17.93	17.88	17.67		
5	256QAM	12	7	18.04	17.90	18.00	19.2	3.5
5	256QAM	12	13	18.03	18.02	17.83		
5	256QAM	25	0	17.98	17.90	17.84		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.93	21.15	21.01	22.7	0
3	QPSK	1	8	20.84	20.92	20.89		
3	QPSK	1	14	21.03	21.11	20.78		
3	QPSK	8	0	20.90	21.18	20.99		
3	QPSK	8	4	20.99	20.82	21.01	22.7	0
3	QPSK	8	7	20.99	20.85	20.86		
3	QPSK	15	0	20.74	21.12	20.89		
3	16QAM	1	0	21.04	21.00	20.77		
3	16QAM	1	8	20.86	20.91	20.94	22.7	0
3	16QAM	1	14	21.00	20.90	20.96		
3	16QAM	8	0	20.75	20.99	20.73		
3	16QAM	8	4	20.71	20.59	20.74	22.2	0.5
3	16QAM	8	7	20.71	20.76	20.64		
3	16QAM	15	0	20.78	20.64	20.73		
3	64QAM	1	0	20.70	20.57	20.77		
3	64QAM	1	8	20.76	20.77	20.74	22.2	0.5
3	64QAM	1	14	20.77	20.73	20.68		
3	64QAM	8	0	19.81	19.63	19.65		
3	64QAM	8	4	19.68	19.76	19.82	21.2	1.5
3	64QAM	8	7	19.61	19.87	19.79		
3	64QAM	15	0	19.71	19.61	19.59		
3	256QAM	1	0	18.01	17.89	17.84		
3	256QAM	1	8	18.05	18.07	17.97	19.2	3.5
3	256QAM	1	14	17.98	18.02	18.05		
3	256QAM	8	0	17.92	18.00	17.78		
3	256QAM	8	4	17.93	17.94	17.97	19.2	3.5
3	256QAM	8	7	18.05	18.01	17.89		
3	256QAM	15	0	18.04	17.74	17.85		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.92	20.95	20.96	22.7	0
1.4	QPSK	1	3	20.85	21.13	20.96		
1.4	QPSK	1	5	20.98	21.06	20.99		
1.4	QPSK	3	0	20.91	21.04	21.02		
1.4	QPSK	3	1	21.09	21.20	21.05		
1.4	QPSK	3	3	20.96	20.93	20.97		
1.4	QPSK	6	0	21.01	21.07	21.04	22.7	0
1.4	16QAM	1	0	20.87	20.91	21.01	22.7	0
1.4	16QAM	1	3	20.92	20.89	20.81		
1.4	16QAM	1	5	21.07	20.85	21.07		
1.4	16QAM	3	0	21.06	21.05	21.03		
1.4	16QAM	3	1	20.95	21.11	20.88		
1.4	16QAM	3	3	20.97	21.18	21.05		
1.4	16QAM	6	0	20.85	20.75	20.72	22.2	0.5
1.4	64QAM	1	0	20.81	20.70	20.74	22.2	0.5
1.4	64QAM	1	3	20.76	20.59	20.68		
1.4	64QAM	1	5	20.68	20.65	20.75		
1.4	64QAM	3	0	20.72	20.54	20.62		
1.4	64QAM	3	1	20.77	20.56	20.91		
1.4	64QAM	3	3	20.91	20.54	20.84		
1.4	64QAM	6	0	19.80	19.68	19.66	21.2	1.5
1.4	256QAM	1	0	18.78	18.63	18.62	19.2	3.5
1.4	256QAM	1	3	18.46	18.68	18.63		
1.4	256QAM	1	5	18.50	18.46	18.63		
1.4	256QAM	3	0	18.47	18.50	18.51		
1.4	256QAM	3	1	18.49	18.48	18.47		
1.4	256QAM	3	3	18.67	18.56	18.51		
1.4	256QAM	6	0	18.61	18.62	18.55	19.2	3.5

Band 4 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.40	21.43	21.41	23	0
20	QPSK	1	49	21.40	21.31	21.27		
20	QPSK	1	99	21.37	21.41	21.24		
20	QPSK	50	0	21.32	21.39	21.31		
20	QPSK	50	24	21.31	21.38	21.30	23	0
20	QPSK	50	50	21.35	21.32	21.29		
20	QPSK	100	0	21.33	21.36	21.28		
20	16QAM	1	0	21.17	21.39	21.22		
20	16QAM	1	49	21.21	21.17	21.21	23	0
20	16QAM	1	99	21.31	21.31	21.24		
20	16QAM	50	0	20.96	20.88	20.74		
20	16QAM	50	24	20.85	20.75	20.82	22.5	0.5
20	16QAM	50	50	20.81	20.72	20.77		
20	16QAM	100	0	20.64	20.66	20.83		
20	64QAM	1	0	20.66	20.62	20.73		
20	64QAM	1	49	20.83	20.80	20.80	22.5	0.5
20	64QAM	1	99	20.78	20.77	20.73		
20	64QAM	50	0	19.80	19.61	19.75		
20	64QAM	50	24	19.65	19.76	19.67	21.5	1.5
20	64QAM	50	50	19.85	19.70	19.63		
20	64QAM	100	0	19.67	19.83	19.69		
20	256QAM	1	0	18.09	17.87	17.83		
20	256QAM	1	49	18.07	17.98	17.81	19.5	3.5
20	256QAM	1	99	17.92	17.85	17.94		
20	256QAM	50	0	17.96	17.80	17.84		
20	256QAM	50	24	18.03	17.95	18.01	19.5	3.5
20	256QAM	50	50	18.00	17.91	18.09		
20	256QAM	100	0	18.07	17.91	18.03		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.29	21.42	21.36	23	0
15	QPSK	1	37	21.36	21.24	21.23		
15	QPSK	1	74	21.27	21.29	21.23		
15	QPSK	36	0	21.12	21.29	21.26		
15	QPSK	36	20	21.31	21.30	21.18	23	0
15	QPSK	36	39	21.24	21.25	21.14		
15	QPSK	75	0	21.25	21.32	21.08		
15	16QAM	1	0	21.12	21.22	21.15		
15	16QAM	1	37	21.14	21.10	21.13	23	0
15	16QAM	1	74	21.26	21.26	21.05		
15	16QAM	36	0	20.65	20.80	20.56		
15	16QAM	36	20	20.79	20.72	20.69	22.5	0.5
15	16QAM	36	39	20.79	20.65	20.61		
15	16QAM	75	0	20.61	20.63	20.72		
15	64QAM	1	0	20.55	20.72	20.65		
15	64QAM	1	37	20.74	20.72	20.65	22.5	0.5
15	64QAM	1	74	20.73	20.65	20.68		
15	64QAM	36	0	19.77	19.56	19.73		
15	64QAM	36	20	19.54	19.75	19.63	21.5	1.5
15	64QAM	36	39	19.79	19.67	19.60		
15	64QAM	75	0	19.64	19.67	19.57		
15	256QAM	1	0	17.89	17.76	17.65		
15	256QAM	1	37	18.06	17.81	17.72	19.5	3.5
15	256QAM	1	74	17.82	17.83	17.91		
15	256QAM	36	0	17.92	17.68	17.84		
15	256QAM	36	20	17.84	17.81	17.82	19.5	3.5
15	256QAM	36	39	17.96	17.91	18.01		
15	256QAM	75	0	17.93	17.84	17.96		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.23	21.26	21.38	23	0
10	QPSK	1	25	21.28	21.13	21.24		
10	QPSK	1	49	21.17	21.22	21.10		
10	QPSK	25	0	21.25	21.31	21.17		
10	QPSK	25	12	21.16	21.36	21.15	23	0
10	QPSK	25	25	21.17	21.22	21.19		
10	QPSK	50	0	21.22	21.22	21.16		
10	16QAM	1	0	21.13	21.21	21.07		
10	16QAM	1	25	21.05	21.07	21.04	23	0
10	16QAM	1	49	21.18	21.17	21.22		
10	16QAM	25	0	20.61	20.71	20.59		
10	16QAM	25	12	20.71	20.67	20.78	22.5	0.5
10	16QAM	25	25	20.76	20.57	20.67		
10	16QAM	50	0	20.62	20.57	20.66		
10	64QAM	1	0	20.54	20.67	20.62		
10	64QAM	1	25	20.81	20.77	20.62	22.5	0.5
10	64QAM	1	49	20.68	20.66	20.65		
10	64QAM	25	0	19.67	19.66	19.57		
10	64QAM	25	12	19.61	19.60	19.62	21.5	1.5
10	64QAM	25	25	19.67	19.53	19.51		
10	64QAM	50	0	19.59	19.73	19.51		
10	256QAM	1	0	17.98	17.71	17.74		
10	256QAM	1	25	17.99	17.96	17.73	19.5	3.5
10	256QAM	1	49	17.84	17.70	17.92		
10	256QAM	25	0	17.95	17.68	17.64		
10	256QAM	25	12	17.90	17.88	17.91	19.5	3.5
10	256QAM	25	25	17.81	17.74	18.04		
10	256QAM	50	0	18.03	17.74	17.83		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.32	21.40	21.24	23	0
5	QPSK	1	12	21.39	21.27	21.14		
5	QPSK	1	24	21.27	21.28	21.15		
5	QPSK	12	0	21.29	21.31	21.16		
5	QPSK	12	7	21.20	21.26	21.27	23	0
5	QPSK	12	13	21.30	21.26	21.21		
5	QPSK	25	0	21.23	21.17	21.26		
5	16QAM	1	0	21.00	21.24	21.17		
5	16QAM	1	12	21.01	21.07	21.18	23	0
5	16QAM	1	24	21.21	21.16	21.07		
5	16QAM	12	0	20.65	20.85	20.64		
5	16QAM	12	7	20.77	20.67	20.63	22.5	0.5
5	16QAM	12	13	20.67	20.61	20.59		
5	16QAM	25	0	20.54	20.50	20.82		
5	64QAM	1	0	20.66	20.58	20.56		
5	64QAM	1	12	20.72	20.77	20.64	22.5	0.5
5	64QAM	1	24	20.68	20.65	20.71		
5	64QAM	12	0	19.80	19.59	19.70		
5	64QAM	12	7	19.60	19.59	19.54	21.5	1.5
5	64QAM	12	13	19.82	19.65	19.63		
5	64QAM	25	0	19.63	19.72	19.53		
5	256QAM	1	0	17.96	17.81	17.71		
5	256QAM	1	12	18.02	17.90	17.79	19.5	3.5
5	256QAM	1	24	17.73	17.74	17.78		
5	256QAM	12	0	17.76	17.75	17.73		
5	256QAM	12	7	17.93	17.92	17.93	19.5	3.5
5	256QAM	12	13	17.99	17.86	17.98		
5	256QAM	25	0	17.95	17.76	17.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.24	21.34	21.40	23	0
3	QPSK	1	8	21.30	21.30	21.18		
3	QPSK	1	14	21.27	21.23	21.12		
3	QPSK	8	0	21.31	21.29	21.28		
3	QPSK	8	4	21.21	21.22	21.29	23	0
3	QPSK	8	7	21.23	21.15	21.09		
3	QPSK	15	0	21.25	21.16	21.20		
3	16QAM	1	0	21.09	21.26	21.14		
3	16QAM	1	8	21.07	21.07	21.03	23	0
3	16QAM	1	14	21.16	21.22	21.09		
3	16QAM	8	0	20.66	20.85	20.59		
3	16QAM	8	4	20.66	20.64	20.78	22.5	0.5
3	16QAM	8	7	20.63	20.64	20.60		
3	16QAM	15	0	20.61	20.57	20.67		
3	64QAM	1	0	20.67	20.73	20.63		
3	64QAM	1	8	20.60	20.66	20.68	22.5	0.5
3	64QAM	1	14	20.63	20.70	20.71		
3	64QAM	8	0	19.79	19.67	19.63		
3	64QAM	8	4	19.65	19.69	19.59	21.5	1.5
3	64QAM	8	7	19.66	19.62	19.64		
3	64QAM	15	0	19.52	19.76	19.62		
3	256QAM	1	0	17.95	17.69	17.76		
3	256QAM	1	8	17.97	17.94	17.78	19.5	3.5
3	256QAM	1	14	17.92	17.69	17.84		
3	256QAM	8	0	17.83	17.70	17.80		
3	256QAM	8	4	18.03	17.79	17.99	19.5	3.5
3	256QAM	8	7	17.83	17.78	18.02		
3	256QAM	15	0	17.89	17.79	17.96		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.22	21.35	21.33	23	0
1.4	QPSK	1	3	21.24	21.42	21.35		
1.4	QPSK	1	5	21.36	21.42	21.37		
1.4	QPSK	3	0	21.20	21.25	21.35		
1.4	QPSK	3	1	21.35	21.35	21.28		
1.4	QPSK	3	3	21.27	21.35	21.35		
1.4	QPSK	6	0	21.29	21.38	21.23	23	0
1.4	16QAM	1	0	21.25	21.28	21.30	23	0
1.4	16QAM	1	3	21.33	21.40	21.34		
1.4	16QAM	1	5	21.28	21.30	21.33		
1.4	16QAM	3	0	21.20	21.39	21.41		
1.4	16QAM	3	1	21.23	21.27	21.25		
1.4	16QAM	3	3	21.23	21.29	21.29		
1.4	16QAM	6	0	20.58	20.65	20.66	22.5	0.5
1.4	64QAM	1	0	20.67	20.66	20.66	22.5	0.5
1.4	64QAM	1	3	20.62	20.68	20.58		
1.4	64QAM	1	5	20.68	20.52	20.75		
1.4	64QAM	3	0	20.71	20.63	20.68		
1.4	64QAM	3	1	20.63	20.52	20.74		
1.4	64QAM	3	3	20.65	20.56	20.69		
1.4	64QAM	6	0	19.66	19.50	19.73	21.5	1.5
1.4	256QAM	1	0	18.60	18.55	18.45	19.5	3.5
1.4	256QAM	1	3	18.50	18.56	18.45		
1.4	256QAM	1	5	18.55	18.57	18.46		
1.4	256QAM	3	0	18.52	18.44	18.39		
1.4	256QAM	3	1	18.51	18.50	18.42		
1.4	256QAM	3	3	18.48	18.39	18.55		
1.4	256QAM	6	0	18.49	18.37	18.39	19.5	3.5

Band 7 Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.14	21.17	21.10	22.6	0
20	QPSK	1	49	20.93	21.06	20.95		
20	QPSK	1	99	20.93	21.12	20.87		
20	QPSK	50	0	21.05	21.15	21.04		
20	QPSK	50	24	20.91	20.89	20.85	22.6	0
20	QPSK	50	50	20.89	20.96	20.84		
20	QPSK	100	0	21.06	21.15	20.96		
20	16QAM	1	0

Band 25 Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.21	21.22	21.07	22.7	0
20	QPSK	1	49	21.16	21.13	21.00		
20	QPSK	1	99	21.00	21.20	21.01		
20	QPSK	50	0	21.07	21.18	21.13	22.7	0
20	QPSK	50	24	20.92	21.06	21.10		
20	QPSK	50	50	21.16	21.07	21.00		
20	QPSK	100	0	20.92	21.15	20.92		
20	16QAM	1	0	21.01	21.11	20.95	22.7	0
20	16QAM	1	49	20.87	20.96	20.75		
20	16QAM	1	99	20.96	21.12	20.82		
20	16QAM	50	0	20.93	21.10	20.80	22.2	0.5
20	16QAM	50	24	20.73	20.72	20.64		
20	16QAM	50	50	20.89	20.77	20.83		
20	16QAM	100	0	20.76	20.84	20.81		
20	64QAM	1	0	20.80	20.71	20.71	22.2	0.5
20	64QAM	1	49	20.80	20.97	20.94		
20	64QAM	1	99	20.89	21.06	20.76		
20	64QAM	50	0	19.95	19.84	19.75	21.2	1.5
20	64QAM	50	24	19.76	19.70	19.93		
20	64QAM	50	50	19.80	19.89	19.70		
20	64QAM	100	0	19.92	19.84	19.76		
20	256QAM	1	0	18.17	17.91	17.80	19.2	3.5
20	256QAM	1	49	18.03	18.10	17.93		
20	256QAM	1	99	17.96	18.10	17.96		
20	256QAM	50	0	18.18	17.94	17.92	19.2	3.5
20	256QAM	50	24	18.03	17.96	18.24		
20	256QAM	50	50	18.14	18.10	18.07		
20	256QAM	100	0	18.15	17.92	17.90		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.99	21.15	21.19	22.7	0
15	QPSK	1	37	21.02	21.08	20.91		
15	QPSK	1	74	21.00	21.08	20.89		
15	QPSK	36	0	20.89	21.08	20.91	22.7	0
15	QPSK	36	20	20.95	20.86	20.86		
15	QPSK	36	39	20.95	20.77	20.89		
15	QPSK	75	0	20.85	21.09	20.98		
15	16QAM	1	0	20.91	20.94	20.75	22.7	0
15	16QAM	1	37	20.78	20.93	20.77		
15	16QAM	1	74	20.85	20.89	20.81		
15	16QAM	36	0	20.70	20.92	20.71	22.2	0.5
15	16QAM	36	20	20.70	20.52	20.65		
15	16QAM	36	39	20.76	20.72	20.62		
15	16QAM	75	0	20.75	20.78	20.71		
15	64QAM	1	0	20.69	20.58	20.62	22.2	0.5
15	64QAM	1	37	20.63	20.82	20.79		
15	64QAM	1	74	20.90	20.78	20.56		
15	64QAM	36	0	19.78	19.60	19.82	21.2	1.5
15	64QAM	36	20	19.71	19.56	19.75		
15	64QAM	36	39	19.61	19.64	19.78		
15	64QAM	75	0	19.80	19.63	19.82		
15	256QAM	1	0	17.93	17.94	17.74	19.2	3.5
15	256QAM	1	37	17.99	18.06	17.85		
15	256QAM	1	74	17.97	17.82	17.86		
15	256QAM	36	0	17.91	18.03	17.74	19.2	3.5
15	256QAM	36	20	17.93	18.07	17.99		
15	256QAM	36	39	18.05	17.92	17.98		
15	256QAM	75	0	18.13	17.74	17.88		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.13	21.16	21.13	22.7	0
10	QPSK	1	25	20.96	21.10	20.78		
10	QPSK	1	49	20.84	21.06	20.75		
10	QPSK	25	0	20.99	21.02	20.97	22.7	0
10	QPSK	25	12	21.00	20.86	20.83		
10	QPSK	25	25	20.94	20.95	20.88		
10	QPSK	50	0	20.77	20.98	20.95		
10	16QAM	1	0	20.92	20.91	20.87	22.7	0
10	16QAM	1	25	20.75	21.02	20.75		
10	16QAM	1	49	20.96	20.90	20.77		
10	16QAM	25	0	20.77	20.87	20.74	22.2	0.5
10	16QAM	25	12	20.76	20.69	20.55		
10	16QAM	25	25	20.85	20.75	20.65		
10	16QAM	50	0	20.73	20.73	20.79		
10	64QAM	1	0	20.71	20.78	20.60	22.2	0.5
10	64QAM	1	25	20.81	20.88	20.71		
10	64QAM	1	49	20.98	20.76	20.74		
10	64QAM	25	0	19.83	19.66	19.70	21.2	1.5
10	64QAM	25	12	19.63	19.59	19.84		
10	64QAM	25	25	19.75	19.73	19.72		
10	64QAM	50	0	19.59	19.80	19.77		
10	256QAM	1	0	18.09	17.78	17.90	19.2	3.5
10	256QAM	1	25	17.94	18.00	18.02		
10	256QAM	1	49	17.89	17.84	18.03		
10	256QAM	25	0	18.02	17.92	17.69	19.2	3.5
10	256QAM	25	12	18.13	18.08	17.97		
10	256QAM	25	25	18.06	17.95	17.95		
10	256QAM	50	0	17.95	17.88	17.85		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.98	21.16	21.07	22.7	0
5	QPSK	1	12	20.91	21.08	20.84		
5	QPSK	1	24	20.96	21.08	20.84		
5	QPSK	12	0	21.04	20.96	21.01	22.7	0
5	QPSK	12	7	21.01	20.87	20.91		
5	QPSK	12	13	20.89	20.89	20.82		
5	QPSK	25	0	20.87	20.95	20.77		
5	16QAM	1	0	20.94	21.09	20.82	22.7	0
5	16QAM	1	12	20.74	20.88	20.70		
5	16QAM	1	24	21.03	20.94	20.78		
5	16QAM	12	0	20.61	20.87	20.78	22.2	0.5
5	16QAM	12	7	20.73	20.67	20.64		
5	16QAM	12	13	20.91	20.72	20.64		
5	16QAM	25	0	20.85	20.66	20.80		
5	64QAM	1	0	20.56	20.72	20.67	22.2	0.5
5	64QAM	1	12	20.64	20.88	20.80		
5	64QAM	1	24	20.79	20.71	20.75		
5	64QAM	12	0	19.85	19.54	19.84	21.2	1.5
5	64QAM	12	7	19.60	19.67	19.89		
5	64QAM	12	13	19.66	19.79	19.60		
5	64QAM	25	0	19.73	19.79	19.64		
5	256QAM	1	0	17.95	17.74	17.71	19.2	3.5
5	256QAM	1	12	18.00	17.96	17.83		
5	256QAM	1	24	17.81	17.83	17.84		
5	256QAM	12	0	18.06	17.86	17.80	19.2	3.5
5	256QAM	12	7	18.01	17.99	18.15		
5	256QAM	12	13	18.07	17.98	17.83		
5	256QAM	25	0	17.96	17.91	17.82		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.13	21.06	20.99	22.7	0
3	QPSK	1	8	21.00	21.09	20.81		
3	QPSK	1	14	20.98	21.12	20.78		
3	QPSK	8	0	21.06	21.05	21.00	22.7	0
3	QPSK	8	4	20.91	20.82	20.92		
3	QPSK	8	7	20.96	20.80	20.92		
3	QPSK	15	0	20.74	20.97	20.86		
3	16QAM	1	0	20.91	20.90	20.74	22.7	0
3	16QAM	1	8	20.80	20.96	20.78		
3	16QAM	1	14	20.86	21.04	20.75		
3	16QAM	8	0	20.73	20.82	20.72	22.2	0.5
3	16QAM	8	4	20.74	20.48	20.58		
3	16QAM	8	7	20.84	20.58	20.63		
3	16QAM	15	0	20.70	20.78	20.68		
3	64QAM	1	0	20.57	20.63	20.70	22.2	0.5
3	64QAM	1	8	20.66	20.96	20.77		
3	64QAM	1	14	20.84	20.88	20.63		
3	64QAM	8	0	19.89	19.67	19.66	21.2	1.5
3	64QAM	8	4	19.62	19.58	19.78		
3	64QAM	8	7	19.81	19.84	19.64		
3	64QAM	15	0	19.78	19.70	19.71		
3	256QAM	1	0	17.90	17.90	17.74	19.2	3.5
3	256QAM	1	8	18.12	18.01	18.02		
3	256QAM	1	14	17.88	18.01	17.89		
3	256QAM	8	0	17.95	18.03	17.68	19.2	3.5
3	256QAM	8	4	17.92	17.88	18.09		
3	256QAM	8	7	17.98	17.94	17.92		
3	256QAM	15	0	18.14	17.85	17.91		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.93	20.84	21.02	22.7	0
1.4	QPSK	1	3	20.76	21.16	20.87		
1.4	QPSK	1	5	21.10	21.14	21.07		
1.4	QPSK	3	0	20.92	20.96	21.02		
1.4	QPSK	3	1	21.05	21.17	21.00		
1.4	QPSK	3	3	20.99	20.86	20.89		
1.4	QPSK	6	0	21.12	21.12	20.93	22.7	0
1.4	16QAM	1	0	20.95	20.95	20.94	22.7	0
1.4	16QAM	1	3	20.96	20.95	20.75		
1.4	16QAM	1	5	21.00	20.78	20.95		
1.4	16QAM	3	0	21.02	20.99	21.14		
1.4	16QAM	3	1	20.92	21.08	21.00		
1.4	16QAM	3	3	20.90	21.20	21.16		
1.4	16QAM	6	0	20.78	20.76	20.67	22.2	0.5
1.4	64QAM	1	0	20.89	20.63	20.71	22.2	0.5
1.4	64QAM	1	3	20.75	20.70	20.58		
1.4	64QAM	1	5	20.65	20.57	20.81		
1.4	64QAM	3	0	20.72	20.55	20.50		
1.4	64QAM	3	1	20.87	20.44	20.94		
1.4	64QAM	3	3	20.93	20.65	20.75		
1.4	64QAM	6	0	19.74	19.58	19.75	21.2	1.5
1.4	256QAM	1	0	18.81	18.68	18.63	19.2	3.5
1.4	256QAM	1	3	18.46	18.64	18.52		
1.4	256QAM	1	5	18.48	18.44	18.60		
1.4	256QAM	3	0	18.57	18.50	18.44		
1.4	256QAM	3	1	18.49	18.39	18.40		
1.4	256QAM	3	3	18.62	18.63	18.45		
1.4	256QAM	6	0	18.61	18.70	18.52	19.2	3.5

Band 66 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.40	21.53	21.49	23	0
20	QPSK	1	49	21.42	21.27	21.18		
20	QPSK	1	99	21.37	21.46	21.16		
20	QPSK	50	0	21.24	21.46	21.35	23	0
20	QPSK	50	24	21.22	21.38	21.28		
20	QPSK	50	50	21.38	21.34	21.37		
20	QPSK	100	0	21.33	21.43	21.31		
20	16QAM	1	0	21.07	21.40	21.31	23	0
20	16QAM	1	49	21.16	21.16	21.24		
20	16QAM	1	99	21.36	21.21	21.25		
20	16QAM	50	0	20.56	20.89	20.78	22.5	0.5
20	16QAM	50	24	20.84	20.65	20.77		
20	16QAM	50	50	20.88	20.78	20.75		
20	16QAM	100	0	20.69	20.63	20.76		
20	64QAM	1	0	20.59	20.63	20.78	22.5	0.5
20	64QAM	1	49	20.86	20.73	20.90		
20	64QAM	1	99	20.70	20.82	20.74		
20	64QAM	50	0	19.82	19.55	19.69	21.5	1.5
20	64QAM	50	24	19.71	19.68	19.60		
20	64QAM	50	50	19.91	19.79	19.67		
20	64QAM	100	0	19.62	19.77	19.77		
20	256QAM	1	0	18.10	17.80	17.80	19.5	3.5
20	256QAM	1	49	18.01	17.99	17.77		
20	256QAM	1	99	17.83	17.86	17.94		
20	256QAM	50	0	18.06	17.75	17.84	19.5	3.5
20	256QAM	50	24	17.93	17.88	17.93		
20	256QAM	50	50	17.94	17.82	18.00		
20	256QAM	100	0	18.00	17.86	17.97		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.31	21.38	21.42	23	0
15	QPSK	1	37	21.36	21.41	21.23		
15	QPSK	1	74	21.28	21.47	21.26		
15	QPSK	36	0	21.39	21.36	21.38	23	0
15	QPSK	36	20	21.39	21.41	21.32		
15	QPSK	36	39	21.35	21.32	21.27		
15	QPSK	75	0	21.26	21.44	21.33		
15	16QAM	1	0	21.15	21.36	21.13	23	0
15	16QAM	1	37	21.31	21.20	21.16		
15	16QAM	1	74	21.30	21.39	21.32		
15	16QAM	36	0	20.59	20.91	20.76	22.5	0.5
15	16QAM	36	20	20.88	20.73	20.88		
15	16QAM	36	39	20.76	20.69	20.74		
15	16QAM	75	0	20.71	20.59	20.84		
15	64QAM	1	0	20.77	20.71	20.77	22.5	0.5
15	64QAM	1	37	20.79	20.89	20.89		
15	64QAM	1	74	20.76	20.77	20.72		
15	64QAM	36	0	19.81	19.62	19.66	21.5	1.5
15	64QAM	36	20	19.57	19.70	19.76		
15	64QAM	36	39	19.94	19.79	19.71		
15	64QAM	75	0	19.60	19.82	19.71		
15	256QAM	1	0	18.19	17.95	17.81	19.5	3.5
15	256QAM	1	37	18.14	17.91	17.71		
15	256QAM	1	74	17.84	17.88	17.91		
15	256QAM	36	0	17.94	17.72	17.77	19.5	3.5
15	256QAM	36	20	18.02	18.02	18.11		
15	256QAM	36	39	18.05	17.84	18.18		
15	256QAM	75	0	18.09	17.87	18.09		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.34	21.42	21.35	23	0
10	QPSK	1	25	21.46	21.31	21.32		
10	QPSK	1	49	21.33	21.33	21.24		
10	QPSK	25	0	21.42	21.34	21.33	23	0
10	QPSK	25	12	21.36	21.39	21.25		
10	QPSK	25	25	21.33	21.36	21.37		
10	QPSK	50	0	21.34	21.36	21.30		
10	16QAM	1	0	21.22	21.42	21.25	23	0
10	16QAM	1	25	21.30	21.20	21.17		
10	16QAM	1	49	21.32	21.28	21.21		
10	16QAM	25	0	20.60	20.81	20.84	22.5	0.5
10	16QAM	25	12	20.83	20.84	20.76		
10	16QAM	25	25	20.84	20.63	20.76		
10	16QAM	50	0	20.59	20.59	20.76		
10	64QAM	1	0	20.62	20.62	20.71	22.5	0.5
10	64QAM	1	25	20.91	20.85	20.70		
10	64QAM	1	49	20.74	20.76	20.69		
10	64QAM	25	0	19.85	19.57	19.80	21.5	1.5
10	64QAM	25	12	19.62	19.77	19.59		
10	64QAM	25	25	19.80	19.69	19.58		
10	64QAM	50	0	19.76	19.77	19.68	19.5	3.5
10	256QAM	1	0	18.07	17.78	17.81		
10	256QAM	1	25	18.09	17.96	17.79		
10	256QAM	1	49	17.91	17.89	17.97		
10	256QAM	25	0	18.00	17.85	17.81	19.5	3.5
10	256QAM	25	12	18.04	17.97	17.92		
10	256QAM	25	25	17.95	17.84	17.99		
10	256QAM	50	0	18.02	17.96	18.02		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.41	21.37	21.41	23	0
5	QPSK	1	12	21.33	21.36	21.29		
5	QPSK	1	24	21.40	21.49	21.17		
5	QPSK	12	0	21.28	21.34	21.37	23	0
5	QPSK	12	7	21.28	21.47	21.39		
5	QPSK	12	13	21.36	21.24	21.28		
5	QPSK	25	0	21.28	21.36	21.24		
5	16QAM	1	0	21.21	21.30	21.31	23	0
5	16QAM	1	12	21.14	21.07	21.26		
5	16QAM	1	24	21.26	21.35	21.30		
5	16QAM	12	0	20.53	20.95	20.80	22.5	0.5
5	16QAM	12	7	20.76	20.82	20.76		
5	16QAM	12	13	20.72	20.73	20.78		
5	16QAM	25	0	20.69	20.66	20.89		
5	64QAM	1	0	20.75	20.71	20.71	22.5	0.5
5	64QAM	1	12	20.90	20.71	20.79		
5	64QAM	1	24	20.94	20.69	20.80		
5	64QAM	12	0	19.80	19.57	19.75	21.5	1.5
5	64QAM	12	7	19.68	19.80	19.74		
5	64QAM	12	13	19.75	19.79	19.71		
5	64QAM	25	0	19.69	19.74	19.59		
5	256QAM	1	0	18.03	17.78	17.89	19.5	3.5
5	256QAM	1	12	18.09	18.04	17.85		
5	256QAM	1	24	17.83	17.88	17.97		
5	256QAM	12	0	18.02	17.72	17.93	19.5	3.5
5	256QAM	12	7	17.98	17.92	18.08		
5	256QAM	12	13	18.01	17.82	18.19		
5	256QAM	25	0	18.09	17.84	18.12		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.40	21.41	21.44	23	0
3	QPSK	1	8	21.40	21.28	21.31		
3	QPSK	1	14	21.37	21.41	21.17		
3	QPSK	8	0	21.38	21.30	21.34	23	0
3	QPSK	8	4	21.36	21.43	21.33		
3	QPSK	8	7	21.25	21.23	21.34		
3	QPSK	15	0	21.39	21.40	21.26		
3	16QAM	1	0	21.15	21.14	21.28	23	0
3	16QAM	1	8	21.14	21.13	21.27		
3	16QAM	1	14	21.36	21.30	21.26		
3	16QAM	8	0	20.89	20.91	20.72	22.5	0.5
3	16QAM	8	4	20.89	20.72	20.81		
3	16QAM	8	7	20.88	20.73	20.81		
3	16QAM	15	0	20.55	20.66	20.89		
3	64QAM	1	0	20.67	20.55	20.65	22.5	0.5
3	64QAM	1	8	20.81	20.83	20.84		
3	64QAM	1	14	20.83	20.67	20.76		
3	64QAM	8	0	19.78	19.58	19.67	21.5	1.5
3	64QAM	8	4	19.62	19.74	19.67		
3	64QAM	8	7	19.95	19.71	19.69		
3	64QAM	15	0	19.64	19.77	19.73		
3	256QAM	1	0	18.08	17.88	17.89	19.5	3.5
3	256QAM	1	8	18.14	17.97	17.75		
3	256QAM	1	14	17.97	17.76	18.02		
3	256QAM	8	0	17.99	17.72	17.85	19.5	3.5
3	256QAM	8	4	17.94	18.05	18.09		
3	256QAM	8	7	17.97	17.92	18.03		
3	256QAM	15	0	18.13	17.93	17.94		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.29	21.40	21.35	23	0
1.4	QPSK	1	3	21.35	21.37	21.50		
1.4	QPSK	1	5	21.29	21.45	21.41		
1.4	QPSK	3	0	21.40	21.47	21.39		
1.4	QPSK	3	1	21.32	21.52	21.48		
1.4	QPSK	3	3	21.40	21.46	21.43		
1.4	QPSK	6	0	21.47	21.51	21.44	23	0
1.4	16QAM	1	0	21.45	21.49	21.42	23	0
1.4	16QAM	1	3	21.31	21.51	21.33		
1.4	16QAM	1	5	21.32	21.33	21.33		
1.4	16QAM	3	0	21.47	21.40	21.33		
1.4	16QAM	3	1	21.39	21.42	21.51		
1.4	16QAM	3	3	21.32	21.38	21.49		
1.4	16QAM	6	0	20.79	20.74	20.84	22.5	0.5
1.4	64QAM	1	0	20.68	20.76	20.67	22.5	0.5
1.4	64QAM	1	3	20.73	20.63	20.78		
1.4	64QAM	1	5	20.73	20.76	20.79		
1.4	64QAM	3	0	20.73	20.68	20.81		
1.4	64QAM	3	1	20.83	20.62	20.76		
1.4	64QAM	3	3	20.76	20.57	20.84		
1.4	64QAM	6	0	19.67	19.58	19.67	21.5	1.5
1.4	256QAM	1	0	18.65	18.73	18.72	19.5	3.5
1.4	256QAM	1	3	18.63	18.84	18.66		
1.4	256QAM	1	5	18.57	18.56	18.57		
1.4	256QAM	3	0	18.63	18.59	18.58		
1.4	256QAM	3	1	18.61	18.48	18.56		
1.4	256QAM	3	3	18.54	18.62	18.60		
1.4	256QAM	6	0	18.61	18.50	18.63	19.5	3.5

Band 38 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.88	21.92	21.82	23	0
20	QPSK	1	49	21.79	21.74	21.70		
20	QPSK	1	99	21.75	21.72	21.69		
20	QPSK	50	0	21.78	21.89	21.81	23	0
20	QPSK	50	24	21.68	21.69	21.65		
20	QPSK	50	50	21.85	21.73	21.63		
20	QPSK	100	0	21.70	21.76	21.60		
20	16QAM	1	0	21.51	21.81	21.53	23	0
20	16QAM	1	49	21.51	21.63	21.57		
20	16QAM	1	99	21.67	21.73	21.61		
20	16QAM	50	0	21.05	21.21	21.23	22.5	0.5
20	16QAM	50	24	21.32	21.21	21.16		
20	16QAM	50	50	21.25	21.15	21.15		
20	16QAM	100	0	21.12	21.07	21.23		
20	64QAM	1	0	21.05	20.92	21.10	22.5	0.5
20	64QAM	1	49	21.33	21.14	21.28		
20	64QAM	1	99	21.18	21.23	21.15		
20	64QAM	50	0	20.21	19.94	20.13	21.5	1.5
20	64QAM	50	24	20.01	20.23	20.02		
20	64QAM	50	50	20.30	20.01	20.05		
20	64QAM	100	0	20.03	20.15	20.18		
20	256QAM	1	0	18.48	18.30	18.29	19.5	3.5
20	256QAM	1	49	18.45	18.33	18.15		
20	256QAM	1	99	18.24	18.16	18.28		
20	256QAM	50	0	18.40	18.27	18.30	19.5	3.5
20	256QAM	50	24	18.50	18.25	18.45		
20	256QAM	50	50	18.50	18.40	18.54		
20	256QAM	100	0	18.49	18.36	18.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.71	21.79	21.81	23	0
15	QPSK	1	37	21.76	21.70	21.65		
15	QPSK	1	74	21.67	21.87	21.67		
15	QPSK	36	0	21.71	21.71	21.75	23	0
15	QPSK	36	20	21.77	21.81	21.64		
15	QPSK	36	39	21.68	21.78	21.67		
15	QPSK	75	0	21.77	21.72	21.72		
15	16QAM	1	0	21.65	21.82	21.60	23	0
15	16QAM	1	37	21.52	21.65	21.64		
15	16QAM	1	74	21.75	21.62	21.65		
15	16QAM	36	0	20.91	21.30	21.22	22.5	0.5
15	16QAM	36	20	21.27	21.18	21.22		
15	16QAM	36	39	21.30	21.12	21.24		
15	16QAM	75	0	20.96	21.11	21.24		
15	64QAM	1	0	21.15	21.02	21.06	22.5	0.5
15	64QAM	1	37	21.20	21.29	21.23		
15	64QAM	1	74	21.21	21.14	21.15		
15	64QAM	36	0	20.17	19.97	20.24	21.5	1.5
15	64QAM	36	20	19.98	20.21	20.08		
15	64QAM	36	39	20.33	20.10	20.12		
15	64QAM	75	0	20.11	20.29	20.05		
15	256QAM	1	0	18.53	18.27	18.18	19.5	3.5
15	256QAM	1	37	18.56	18.36	18.26		
15	256QAM	1	74	18.32	18.19	18.34		
15	256QAM	36	0	18.43	18.25	18.15	19.5	3.5
15	256QAM	36	20	18.50	18.38	18.35		
15	256QAM	36	39	18.46	18.25	18.56		
15	256QAM	75	0	18.49	18.22	18.52		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.90	21.91	21.89	23	0
10	QPSK	1	25	21.86	21.63	21.70		
10	QPSK	1	49	21.82	21.72	21.55		
10	QPSK	25	0	21.73	21.83	21.75	23	0
10	QPSK	25	12	21.66	21.69	21.61		
10	QPSK	25	25	21.71	21.63	21.60		
10	QPSK	50	0	21.63	21.75	21.70		
10	16QAM	1	0	21.52	21.73	21.54	23	0
10	16QAM	1	25	21.63	21.59	21.66		
10	16QAM	1	49	21.81	21.62	21.70		
10	16QAM	25	0	20.91	21.19	21.13	22.5	0.5
10	16QAM	25	12	21.15	21.20	21.12		
10	16QAM	25	25	21.21	21.10	21.07		
10	16QAM	50	0	20.94	20.99	21.25		
10	64QAM	1	0	21.14	20.99	21.10	22.5	0.5
10	64QAM	1	25	21.29	21.16	21.22		
10	64QAM	1	49	21.15	21.19	21.14		
10	64QAM	25	0	20.14	20.10	20.06	21.5	1.5
10	64QAM	25	12	20.01	20.19	20.01		
10	64QAM	25	25	20.28	20.07	20.08		
10	64QAM	50	0	19.97	20.21	20.17		
10	256QAM	1	0	18.55	18.29	18.25	19.5	3.5
10	256QAM	1	25	18.54	18.43	18.22		
10	256QAM	1	49	18.41	18.17	18.24		
10	256QAM	25	0	18.40	18.29	18.33	19.5	3.5
10	256QAM	25	12	18.35	18.41	18.32		
10	256QAM	25	25	18.43	18.32	18.41		
10	256QAM	50	0	18.52	18.36	18.33		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.90	21.87	21.89	23	0
5	QPSK	1	12	21.75	21.71	21.72		
5	QPSK	1	24	21.80	21.83	21.68		
5	QPSK	12	0	21.63	21.71	21.80	23	0
5	QPSK	12	7	21.61	21.85	21.67		
5	QPSK	12	13	21.75	21.73	21.60		
5	QPSK	25	0	21.69	21.66	21.75		
5	16QAM	1	0	21.58	21.71	21.62	23	0
5	16QAM	1	12	21.68	21.55	21.61		
5	16QAM	1	24	21.71	21.67	21.72		
5	16QAM	12	0	20.95	21.25	21.17	22.5	0.5
5	16QAM	12	7	21.30	21.08	21.20		
5	16QAM	12	13	21.28	21.08	21.15		
5	16QAM	25	0	21.07	21.00	21.16		
5	64QAM	1	0	21.05	21.12	21.20	22.5	0.5
5	64QAM	1	12	21.28	21.10	21.16		
5	64QAM	1	24	21.11	21.12	21.14		
5	64QAM	12	0	20.12	20.01	20.19	21.5	1.5
5	64QAM	12	7	20.02	20.10	20.13		
5	64QAM	12	13	20.19	20.04	19.96		
5	64QAM	25	0	20.10	20.16	20.01		
5	256QAM	1	0	18.41	18.20	18.33	19.5	3.5
5	256QAM	1	12	18.56	18.43	18.18		
5	256QAM	1	24	18.30	18.32	18.37		
5	256QAM	12	0	18.42	18.27	18.30	19.5	3.5
5	256QAM	12	7	18.41	18.39	18.40		
5	256QAM	12	13	18.42	18.26	18.42		
5	256QAM	25	0	18.42	18.22	18.44		

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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	21.76	21.86	21.89	21.82	21.80	23	0
20	QPSK	1	49	21.72	21.63	21.76	21.77	21.66		
20	QPSK	1	99	21.83	21.86	21.73	21.60	21.73		
20	QPSK	50	0	21.77	21.76	21.86	21.79	21.70	23	0
20	QPSK	50	24	21.79	21.66	21.78	21.65	21.70		
20	QPSK	50	50	21.73	21.74	21.70	21.73	21.75		
20	QPSK	100	0	21.66	21.66	21.79	21.69	21.68		
20	16QAM	1	0	21.67	21.81	21.67	21.59	21.68	23	0
20	16QAM	1	49	21.51	21.64	21.52	21.56	21.59		
20	16QAM	1	99	21.70	21.70	21.57	21.64	21.59		
20	16QAM	50	0	20.89	21.18	21.13	21.05	21.22	22.5	0.5
20	16QAM	50	24	21.15	21.06	21.25	21.22	21.14		
20	16QAM	50	50	21.17	21.08	21.22	21.19	21.15		
20	16QAM	100	0	21.08	21.03	21.16	21.20	21.19		
20	64QAM	1	0	21.12	21.06	21.22	21.15	21.20	22.5	0.5
20	64QAM	1	49	21.27	21.12	21.30	21.29	21.16		
20	64QAM	1	99	21.24	21.20	21.03	21.05	21.06		
20	64QAM	50	0	20.28	20.07	20.21	20.18	20.12	21.5	1.5
20	64QAM	50	24	20.00	20.13	19.97	20.07	20.07		
20	64QAM	50	50	20.15	20.10	20.12	20.09	20.12		
20	64QAM	100	0	20.15	20.16	20.03	19.99	20.00		
20	256QAM	1	0	18.47	18.34	18.22	18.14	18.14	19.5	3.5
20	256QAM	1	49	18.46	18.42	18.18	18.19	18.26		
20	256QAM	1	99	18.32	18.29	18.31	18.31	18.32		
20	256QAM	50	0	18.46	18.14	18.17	18.27	18.28	19.5	3.5
20	256QAM	50	24	18.35	18.45	18.46	18.33	18.34		
20	256QAM	50	50	18.40	18.41	18.52	18.40	18.54		
20	256QAM	100	0	18.46	18.34	18.52	18.46	18.49		
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	21.65	21.81	21.76	21.75	21.78	23	0
15	QPSK	1	37	21.74	21.68	21.62	21.59	21.59		
15	QPSK	1	74	21.66	21.71	21.52	21.51	21.64		
15	QPSK	36	0	21.68	21.77	21.72	21.68	21.61	23	0
15	QPSK	36	20	21.60	21.83	21.66	21.57	21.62		
15	QPSK	36	39	21.63	21.66	21.71	21.73	21.54		
15	QPSK	75	0	21.60	21.78	21.68	21.56	21.69		
15	16QAM	1	0	21.50	21.77	21.60	21.62	21.47	23	0
15	16QAM	1	37	21.54	21.54	21.60	21.63	21.50		
15	16QAM	1	74	21.61	21.62	21.62	21.67	21.51		
15	16QAM	36	0	20.83	21.25	20.99	21.16	21.00	22.5	0.5
15	16QAM	36	20	21.21	21.18	21.08	21.14	21.16		
15	16QAM	36	39	21.25	21.06	21.19	21.07	21.04		
15	16QAM	75	0	20.97	21.03	21.23	21.21	21.10		
15	64QAM	1	0	21.03	21.01	21.01	21.15	21.17	22.5	0.5
15	64QAM	1	37	21.11	21.09	21.09	21.20	21.16		
15	64QAM	1	74	21.12	21.03	21.10	21.02	21.16		
15	64QAM	36	0	20.10	19.94	20.12	20.20	20.16	21.5	1.5
15	64QAM	36	20	20.07	20.09	20.07	20.03	20.00		
15	64QAM	36	39	20.28	20.14	20.02	19.94	20.02		
15	64QAM	75	0	19.95	20.15	19.98	20.13	19.97		
15	256QAM	1	0	18.39	18.21	18.20	18.25	18.17	19.5	3.5
15	256QAM	1	37	18.41	18.40	18.12	18.25	18.23		
15	256QAM	1	74	18.30	18.15	18.27	18.19	18.26		
15	256QAM	36	0	18.32	18.20	18.26	18.22	18.17	19.5	3.5
15	256QAM	36	20	18.32	18.36	18.42	18.41	18.34		
15	256QAM	36	39	18.39	18.35	18.44	18.36	18.40		
15	256QAM	75	0	18.37	18.18	18.41	18.48	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	21.68	21.72	21.73	21.70	21.76	23	0
10	QPSK	1	25	21.80	21.58	21.71	21.62	21.62		
10	QPSK	1	49	21.64	21.79	21.55	21.61	21.65		
10	QPSK	25	0	21.73	21.74	21.58	21.61	21.70	23	0
10	QPSK	25	12	21.62	21.73	21.59	21.61	21.73		
10	QPSK	25	25	21.72	21.61	21.65	21.69	21.69		
10	QPSK	50	0	21.71	21.63	21.73	21.53	21.54		
10	16QAM	1	0	21.50	21.76	21.49	21.57	21.65	23	0
10	16QAM	1	25	21.48	21.60	21.47	21.50	21.64		
10	16QAM	1	49	21.71	21.64	21.68	21.65	21.52		
10	16QAM	25	0	20.97	21.30	21.12	21.03	21.14	22.5	0.5
10	16QAM	25	12	21.12	21.02	21.15	21.24	21.11		
10	16QAM	25	25	21.11	21.05	21.17	21.04	21.06		
10	16QAM	50	0	20.90	20.92	21.25	21.13	21.12		
10	64QAM	1	0	21.12	20.94	21.11	21.17	21.08	22.5	0.5
10	64QAM	1	25	21.21	21.10	21.15	21.20	21.13		
10	64QAM	1	49	21.15	21.04	21.03	21.00	21.08		
10	64QAM	25	0	20.11	19.95	20.12	20.19	20.20	21.5	1.5
10	64QAM	25	12	19.98	20.19	20.02	20.08	19.99		
10	64QAM	25	25	20.15	20.07	19.89	19.92	20.02		
10	64QAM	50	0	20.11	20.27	19.96	20.08	20.11		
10	256QAM	1	0	18.35	18.15	18.19	18.10	18.19	19.5	3.5
10	256QAM	1	25	18.34	18.36	18.11	18.16	18.08		
10	256QAM	1	49	18.30	18.28	18.27	18.32	18.23		
10	256QAM	25	0	18.28	18.11	18.11	18.28	18.16	19.5	3.5
10	256QAM	25	12	18.47	18.34	18.41	18.44	18.41		
10	256QAM	25	25	18.28	18.21	18.45	18.53	18.46		
10	256QAM	50	0	18.40	18.22	18.44	18.31	18.37		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.82	21.82	21.84	21.79	21.85	23	0
5	QPSK	1	12	21.84	21.69	21.64	21.58	21.66		
5	QPSK	1	24	21.80	21.84	21.60	21.53	21.65		
5	QPSK	12	0	21.68	21.75	21.65	21.60	21.71	23	0
5	QPSK	12	7	21.64	21.66	21.62	21.63	21.55		
5	QPSK	12	13	21.66	21.59	21.72	21.59	21.55		
5	QPSK	25	0	21.68	21.73	21.62	21.66	21.71		
5	16QAM	1	0	21.46	21.68	21.60	21.57	21.56	23	0
5	16QAM	1	12	21.54	21.56	21.65	21.47	21.62		
5	16QAM	1	24	21.67	21.68	21.59	21.58	21.53		
5	16QAM	12	0	20.81	21.15	21.12	21.17	21.13	22.5	0.5
5	16QAM	12	7	21.24	21.07	21.14	21.26	21.17		
5	16QAM	12	13	21.14	21.15	21.21	21.04	21.21		
5	16QAM	25	0	20.95	20.96	21.17	21.16	21.12		
5	64QAM	1	0	21.03	20.88	20.99	21.13	21.11	22.5	0.5
5	64QAM	1	12	21.12	21.24	21.16	21.16	21.13		
5	64QAM	1	24	21.23	21.05	20.99	21.16	21.07		
5	64QAM	12	0	20.22	20.03	20.17	20.13	20.04	21.5	1.5
5	64QAM	12	7	20.08	20.08	20.05	20.04	20.06		
5	64QAM	12	13	20.11	20.10	20.06	19.91	19.91		
5	64QAM	25	0	20.00	20.13	20.10	20.07	20.06		
5	256QAM	1	0	18.40	18.13	18.17	18.18	18.24	19.5	3.5
5	256QAM	1	12	18.41	18.32	18.23	18.12	18.16		
5	256QAM	1	24	18.23	18.28	18.31	18.21	18.20		
5	256QAM	12	0	18.26	18.07	18.11	18.19	18.26	19.5	3.5
5	256QAM	12	7	18.45	18.38	18.34	18.27	18.45		
5	256QAM	12	13	18.28	18.19	18.39	18.52	18.42		
5	256QAM	25	0	18.46	18.17	18.42	18.42	18.45		

Band 41 HPUE Ant2 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	23.14	23.25	23.38	23.31	23.34	24	0
20	QPSK	1	49	23.09	23.13	23.28	23.13	23.26		
20	QPSK	1	99	23.13	23.22	23.20	23.28	23.22		
20	QPSK	50	0	23.09	23.17	23.35	23.23	23.31	24	0
20	QPSK	50	24	23.11	23.08	23.26	23.27	23.20		
20	QPSK	50	50	23.03	23.07	23.21	23.28	23.29		
20	QPSK	100	0	23.02	23.13	23.31	23.19	23.25		
20	16QAM	1	0	22.96	23.23	23.36	23.20	23.15	24	0
20	16QAM	1	49	23.01	23.22	23.24	23.12	23.14		
20	16QAM	1	99	23.09	23.18	23.20	23.16	23.17		
20	16QAM	50	0	22.95	23.22	23.31	23.18	23.27	24	0
20	16QAM	50	24	23.05	23.07	23.25	23.19	23.24		
20	16QAM	50	50	23.02	23.16	23.23	23.30	23.25		
20	16QAM	100	0	23.12	23.15	23.28	23.18	23.17		
20	64QAM	1	0	22.98	23.23	23.31	23.14	23.25	24	0
20	64QAM	1	49	23.05	23.05	23.28	23.29	23.30		
20	64QAM	1	99	22.95	23.24	23.29	23.30	23.18		
20	64QAM	50	0	23.00	23.15	23.33	23.15	23.27	24	0
20	64QAM	50	24	23.01	23.09	23.20	23.30	23.25		
20	64QAM	50	50	23.10	23.18	23.30	23.28	23.19		
20	64QAM	100	0	23.12	23.09	23.24	23.27	23.20		
20	256QAM	1	0	21.31	21.36	21.45	21.41	21.38	22	2
20	256QAM	1	49	21.34	21.47	21.48	21.43	21.48		
20	256QAM	1	99	21.36	21.32	21.41	21.39	21.35		
20	256QAM	50	0	21.32	21.41	21.33	21.48	21.36	22	2
20	256QAM	50	24	21.41	21.45	21.30	21.39	21.33		
20	256QAM	50	50	21.32	21.47	21.41	21.36	21.30		
20	256QAM	100	0	21.38	21.35	21.47	21.44	21.32		
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	23.02	23.06	23.29	23.18	23.20	24	0
15	QPSK	1	37	23.02	23.07	23.19	22.96	23.19		
15	QPSK	1	74	23.05	23.20	23.11	23.12	23.14		
15	QPSK	36	0	22.90	23.09	23.33	23.09	23.16	24	0
15	QPSK	36	20	22.94	23.01	23.20	23.18	23.15		
15	QPSK	36	39	22.84	22.92	23.05	23.13	23.27		
15	QPSK	75	0	22.87	23.04	23.30	23.03	23.22		
15	16QAM	1	0	22.90	23.07	23.29	23.19	23.11	24	0
15	16QAM	1	37	22.86	23.02	23.09	22.93	23.11		
15	16QAM	1	74	23.00	23.10	23.10	23.05	23.10		
15	16QAM	36	0	22.86	23.20	23.26	23.09	23.14	24	0
15	16QAM	36	20	22.96	23.03	23.17	23.11	23.08		
15	16QAM	36	39	22.95	23.15	23.10	23.16	23.08		
15	16QAM	75	0	22.96	23.00	23.16	23.13	23.00		
15	64QAM	1	0	22.96	23.07	23.14	23.11	23.12	24	0
15	64QAM	1	37	23.02	23.03	23.23	23.26	23.10		
15	64QAM	1	74	22.88	23.15	23.18	23.22	23.13		
15	64QAM	36	0	22.90	23.02	23.27	22.96	23.18	24	0
15	64QAM	36	20	22.91	22.91	23.12	23.24	23.14		
15	64QAM	36	39	23.04	23.02	23.17	23.11	23.11		
15	64QAM	75	0	23.01	22.95	23.05	23.19	23.12		
15	256QAM	1	0	21.17	21.17	21.42	21.28	21.24	22	2
15	256QAM	1	37	21.28	21.36	21.40	21.33	21.35		
15	256QAM	1	74	21.28	21.18	21.34	21.28	21.18		
15	256QAM	36	0	21.27	21.36	21.27	21.48	21.17	22	2
15	256QAM	36	20	21.40	21.27	21.11	21.34	21.25		
15	256QAM	36	39	21.28	21.28	21.23	21.22	21.19		
15	256QAM	75	0	21.29	21.23	21.38	21.32	21.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.95	23.13	23.33	23.12	23.19	24	0
10	QPSK	1	25	22.90	23.04	23.16	23.04	23.22		
10	QPSK	1	49	23.01	23.06	23.10	23.17	23.06		
10	QPSK	25	0	23.03	23.15	23.18	23.15	23.13	24	0
10	QPSK	25	12	23.00	23.08	23.25	23.18	23.12		
10	QPSK	25	25	22.97	23.05	23.12	23.22	23.27		
10	QPSK	50	0	22.90	23.01	23.26	23.02	23.21		
10	16QAM	1	0	22.88	23.21	23.20	23.00	23.07	24	0
10	16QAM	1	25	22.93	23.11	23.12	22.97	22.99		
10	16QAM	1	49	23.03	23.07	23.16	23.00	23.14		
10	16QAM	25	0	22.77	23.20	22.97	23.00	22.97	24	0
10	16QAM	25	12	22.93	22.97	23.11	22.99	23.22		
10	16QAM	25	25	22.87	23.00	23.21	23.15	23.15		
10	16QAM	50	0	23.05	23.11	23.27	23.09	23.02		
10	64QAM	1	0	22.82	23.22	23.14	23.07	23.10	24	0
10	64QAM	1	25	22.99	22.90	23.11	23.27	23.21		
10	64QAM	1	49	22.92	23.19	23.19	23.27	23.06		
10	64QAM	25	0	22.92	23.09	23.14	23.06	23.25	24	0
10	64QAM	25	12	22.85	22.92	23.05	23.20	23.14		
10	64QAM	25	25	22.94	23.05	23.15	23.20	23.10		
10	64QAM	50	0	23.06	22.97	23.13	23.18	23.20		
10	256QAM	1	0	21.18	21.22	21.42	21.32	21.25	22	2
10	256QAM	1	25	21.15	21.35	21.29	21.33	21.43		
10	256QAM	1	49	21.35	21.17	21.27	21.36	21.32		
10	256QAM	25	0	21.23	21.35	21.20	21.38	21.23	22	2
10	256QAM	25	12	21.39	21.31	21.25	21.33	21.28		
10	256QAM	25	25	21.31	21.39	21.25	21.16	21.18		
10	256QAM	50	0	21.27	21.25	21.28	21.29	21.14		
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	23.13	23.23	23.29	23.23	23.34	24	0
5	QPSK	1	12	22.91	23.04	23.27	22.95	23.24		
5	QPSK	1	24	22.97	23.16	23.19	23.16	23.18		
5	QPSK	12	0	23.00	23.09	23.18	23.17	23.14	24	0
5	QPSK	12	7	23.06	23.04	23.18	23.23	23.20		
5	QPSK	12	13	22.93	22.98	23.04	23.23	23.19		
5	QPSK	25	0	22.99	22.99	23.22	22.99	23.23		
5	16QAM	1	0	22.79	23.17	23.28	23.00	23.03	24	0
5	16QAM	1	12	22.84	23.14	23.04	22.92	23.07		
5	16QAM	1	24	23.03	23.00	23.09	23.05	23.14		
5	16QAM	12	0	22.86	23.18	23.21	23.05	23.23	24	0
5	16QAM	12	7	22.98	22.95	23.08	23.03	23.20		
5	16QAM	12	13	22.95	23.07	23.10	23.11	23.23		
5	16QAM	25	0	22.94	23.05	23.22	23.13	23.11		
5	64QAM	1	0	22.94	23.11	23.14	23.02	23.13	24	0
5	64QAM	1	12	23.02	22.88	23.17	23.10	23.16		
5	64QAM	1	24	22.91	23.13	23.17	23.15	23.06		
5	64QAM	12	0	22.85	22.98	23.23	23.04	23.08	24	0
5	64QAM	12	7	22.81	23.04	23.16	23.17	23.09		
5	64QAM	12	13	22.99	22.98	23.13	23.24	23.12		
5	64QAM	25	0	23.07	23.05	23.20	23.25	23.11		
5	256QAM	1	0	21.24	21.33	21.30	21.36	21.26	22	2
5	256QAM	1	12	21.30	21.47	21.30	21.25	21.38		
5	256QAM	1	24	21.22	21.25	21.23	21.23	21.18		
5	256QAM	12	0	21.30	21.29	21.24	21.48	21.26	22	2
5	256QAM	12	7	21.23	21.40	21.20	21.20	21.26		
5	256QAM	12	13	21.13	21.27	21.40	21.31	21.16		
5	256QAM	25	0	21.23	21.24	21.34	21.44	21.31		

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BW [MHz]	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	22.26	22.34	22.20	24	0
20	QPSK	1	49	22.22	22.26	22.16		
20	QPSK	1	99	22.07	22.21	22.13		
20	QPSK	50	0	21.33	21.36	21.27	23	1
20	QPSK	50	24	21.27	21.30	21.21		
20	QPSK	50	50	21.20	21.25	21.19		
20	QPSK	100	0	21.19	21.31	21.27		
20	16QAM	1	0	21.13	21.23	21.19	23	1
20	16QAM	1	49	21.12	21.17	21.06		
20	16QAM	1	99	21.00	21.13	21.02		
20	16QAM	50	0	20.27	20.39	20.26	22	2
20	16QAM	50	24	20.22	20.31	20.19		
20	16QAM	50	50	20.27	20.35	20.22		
20	16QAM	100	0	20.25	20.29	20.22		
20	64QAM	1	0	20.19	20.27	20.15	22	2
20	64QAM	1	49	20.11	20.21	20.08		
20	64QAM	1	99	20.10	20.17	20.14		
20	64QAM	50	0	19.38	19.42	19.32	21	3
20	64QAM	50	24	19.26	19.33	19.28		
20	64QAM	50	50	19.23	19.38	19.24		
20	64QAM	100	0	19.18	19.30	19.18		
20	256QAM	1	0	15.34	15.44	15.30	19	5
20	256QAM	1	49	18.80	18.95	18.83		
20	256QAM	1	99	14.42	14.55	14.43		
20	256QAM	50	0	18.74	18.83	18.72	19	5
20	256QAM	50	24	18.82	18.88	18.74		
20	256QAM	50	50	18.77	18.81	18.75		
20	256QAM	100	0	18.62	18.69	18.63		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.27	22.32	22.14	24	0
15	QPSK	1	37	22.16	22.20	22.07		
15	QPSK	1	74	22.02	22.20	22.07		
15	QPSK	36	0	21.27	21.37	21.24	23	1
15	QPSK	36	20	21.18	21.20	21.21		
15	QPSK	36	39	21.12	21.15	21.18		
15	QPSK	75	0	21.14	21.28	21.22		
15	16QAM	1	0	21.09	21.24	21.19	23	1
15	16QAM	1	37	21.08	21.13	21.02		
15	16QAM	1	74	21.02	21.10	21.06		
15	16QAM	36	0	20.25	20.38	20.16	22	2
15	16QAM	36	20	20.21	20.32	20.10		
15	16QAM	36	39	20.23	20.27	20.18		
15	16QAM	75	0	20.16	20.28	20.19		
15	64QAM	1	0	20.21	20.27	20.13	22	2
15	64QAM	1	37	20.13	20.15	20.02		
15	64QAM	1	74	20.08	20.11	20.07		
15	64QAM	36	0	19.39	19.42	19.29	21	3
15	64QAM	36	20	19.17	19.25	19.24		
15	64QAM	36	39	19.22	19.39	19.16		
15	64QAM	75	0	19.14	19.25	19.17		
15	256QAM	1	0	15.35	15.44	15.30	19	5
15	256QAM	1	37	18.73	18.93	18.77		
15	256QAM	1	74	14.33	14.48	14.43		
15	256QAM	36	0	18.68	18.84	18.72	19	5
15	256QAM	36	20	18.77	18.84	18.67		
15	256QAM	36	39	18.74	18.79	18.67		
15	256QAM	75	0	18.57	18.68	18.62		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.22	22.30	22.16	24	0
10	QPSK	1	25	22.19	22.25	22.14		
10	QPSK	1	49	22.04	22.14	22.07		
10	QPSK	25	0	21.30	21.32	21.23	23	1
10	QPSK	25	12	21.26	21.28	21.13		
10	QPSK	25	25	21.12	21.22	21.09		
10	QPSK	50	0	21.14	21.32	21.28		
10	16QAM	1	0	21.10	21.18	21.16	23	1
10	16QAM	1	25	21.12	21.16	21.02		
10	16QAM	1	49	21.04	21.09	21.05		
10	16QAM	25	0	20.27	20.32	20.24	22	2
10	16QAM	25	12	20.20	20.25	20.11		
10	16QAM	25	25	20.24	20.36	20.13		
10	16QAM	50	0	20.24	20.30	20.14		
10	64QAM	1	0	20.21	20.23	20.13	22	2
10	64QAM	1	25	20.13	20.14	20.06		
10	64QAM	1	49	20.10	20.15	20.13		
10	64QAM	25	0	19.36	19.43	19.22	21	3
10	64QAM	25	12	19.22	19.31	19.25		
10	64QAM	25	25	19.16	19.39	19.15		
10	64QAM	50	0	19.13	19.23	19.20		
10	256QAM	1	0	15.24	15.36	15.27	19	5
10	256QAM	1	25	18.82	18.86	18.76		
10	256QAM	1	49	14.43	14.57	14.34		
10	256QAM	25	0	18.66	18.74	18.64	19	5
10	256QAM	25	12	18.79	18.85	18.67		
10	256QAM	25	25	18.77	18.88	18.75		
10	256QAM	50	0	18.53	18.70	18.54		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.17	22.29	22.11	24	0
5	QPSK	1	12	22.23	22.17	22.08		
5	QPSK	1	24	22.06	22.18	22.14		
5	QPSK	12	0	21.35	21.36	21.18	23	1
5	QPSK	12	7	21.20	21.32	21.21		
5	QPSK	12	13	21.14	21.17	21.16		
5	QPSK	25	0	21.09	21.24	21.23		
5	16QAM	1	0	21.06	21.22	21.19	23	1
5	16QAM	1	12	21.09	21.14	21.02		
5	16QAM	1	24	21.03	21.13	21.11		
5	16QAM	12	0	20.29	20.30	20.17	22	2
5	16QAM	12	7	20.23	20.23	20.15		
5	16QAM	12	13	20.20	20.32	20.23		
5	16QAM	25	0	20.18	20.21	20.13		
5	64QAM	1	0	20.19	20.26	20.06	22	2
5	64QAM	1	12	20.12	20.17	20.05		
5	64QAM	1	24	20.10	20.14	20.16		
5	64QAM	12	0	19.34	19.35	19.32	21	3
5	64QAM	12	7	19.25	19.29	19.25		
5	64QAM	12	13	19.17	19.29	19.17		
5	64QAM	25	0	19.15	19.25	19.10		
5	256QAM	1	0	15.30	15.41	15.22	19	5
5	256QAM	1	12	18.79	18.91	18.83		
5	256QAM	1	24	14.38	14.46	14.44		
5	256QAM	12	0	18.65	18.74	18.73	19	5
5	256QAM	12	7	18.76	18.78	18.65		
5	256QAM	12	13	18.69	18.74	18.76		
5	256QAM	25	0	18.56	18.62	18.60		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.79	21.82	21.71	23	0
20	QPSK	1	49	21.71	21.74	21.65		
20	QPSK	1	99	21.65	21.69	21.59		
20	QPSK	50	0	20.78	20.93	20.85	22	1
20	QPSK	50	24	20.83	20.87	20.77		
20	QPSK	50	50	20.73	20.82	20.78		
20	QPSK	100	0	20.79	20.85	20.78		
20	16QAM	1	0	20.59	20.69	20.54	22	1
20	16QAM	1	49	20.56	20.63	20.50		
20	16QAM	1	99	20.52	20.59	20.54		
20	16QAM	50	0	19.64	19.76	19.61	21	2
20	16QAM	50	24	19.59	19.68	19.54		
20	16QAM	50	50	19.58	19.72	19.66		
20	16QAM	100	0	19.55	19.66	19.51		
20	64QAM	1	0	19.60	19.69	19.56	21	2
20	64QAM	1	49	19.49	19.63	19.51		
20	64QAM	1	99	19.48	19.59	19.49		
20	64QAM	50	0	18.62	18.73	18.63	20	3
20	64QAM	50	24	18.58	18.64	18.57		
20	64QAM	50	50	18.58	18.69	18.55		
20	64QAM	100	0	18.48	18.61	18.57		
20	256QAM	1	0	17.22	17.37	17.26	18	5
20	256QAM	1	49	17.24	17.34	17.30		
20	256QAM	1	99	17.18	17.29	17.15		
20	256QAM	50	0	17.25	17.32	17.22	18	5
20	256QAM	50	24	17.07	17.22	17.19		
20	256QAM	50	50	17.19	17.28	17.18		
20	256QAM	100	0	17.21	17.25	17.14		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.70	21.76	21.64	23	0
15	QPSK	1	37	21.61	21.67	21.52		
15	QPSK	1	74	21.57	21.61	21.51		
15	QPSK	36	0	20.66	20.88	20.77	22	1
15	QPSK	36	20	20.69	20.81	20.68		
15	QPSK	36	39	20.59	20.72	20.70		
15	QPSK	75	0	20.65	20.79	20.65		
15	16QAM	1	0	20.47	20.60	20.42	22	1
15	16QAM	1	37	20.46	20.54	20.36		
15	16QAM	1	74	20.48	20.49	20.47		
15	16QAM	36	0	19.59	19.66	19.46	21	2
15	16QAM	36	20	19.49	19.57	19.41		
15	16QAM	36	39	19.55	19.64	19.54		
15	16QAM	75	0	19.42	19.54	19.37		
15	64QAM	1	0	19.52	19.61	19.51	21	2
15	64QAM	1	37	19.38	19.50	19.38		
15	64QAM	1	74	19.36	19.52	19.45		
15	64QAM	36	0	18.50	18.67	18.58	20	3
15	64QAM	36	20	18.44	18.58	18.51		
15	64QAM	36	39	18.43	18.62	18.41		
15	64QAM	75	0	18.36	18.49	18.45		
15	256QAM	1	0	17.09	17.24	17.13	18	5
15	256QAM	1	37	17.16	17.30	17.27		
15	256QAM	1	74	17.06	17.19	17.08		
15	256QAM	36	0	17.11	17.22	17.12	18	5
15	256QAM	36	20	17.00	17.10	17.15		
15	256QAM	36	39	17.05	17.13	17.09		
15	256QAM	75	0	17.09	17.15	17.00		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.72	21.75	21.63	23	0
10	QPSK	1	25	21.61	21.67	21.52		
10	QPSK	1	49	21.62	21.62	21.48		
10	QPSK	25	0	20.68	20.89	20.80	22	1
10	QPSK	25	12	20.76	20.77	20.73		
10	QPSK	25	25	20.68	20.73	20.72		
10	QPSK	50	0	20.73	20.82	20.71		
10	16QAM	1	0	20.46	20.62	20.43	22	1
10	16QAM	1	25	20.50	20.50	20.39		
10	16QAM	1	49	20.41	20.46	20.50		
10	16QAM	25	0	19.56	19.62	19.52	21	2
10	16QAM	25	12	19.54	19.63	19.44		
10	16QAM	25	25	19.51	19.66	19.59		
10	16QAM	50	0	19.48	19.59	19.40		
10	64QAM	1	0	19.52	19.62	19.45	21	2
10	64QAM	1	25	19.41	19.58	19.42		
10	64QAM	1	49	19.34	19.55	19.39		
10	64QAM	25	0	18.57	18.59	18.52	20	3
10	64QAM	25	12	18.44	18.50	18.52		
10	64QAM	25	25	18.49	18.55	18.47		
10	64QAM	50	0	18.35	18.47	18.49		
10	256QAM	1	0	17.13	17.26	17.12	18	5
10	256QAM	1	25	17.21	17.21	17.17		
10	256QAM	1	49	17.07	17.26	17.04		
10	256QAM	25	0	17.17	17.25	17.14	18	5
10	256QAM	25	12	17.01	17.16	17.04		
10	256QAM	25	25	17.11	17.13	17.07		
10	256QAM	50	0	17.09	17.18	17.03		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.69	21.79	21.59	23	0
5	QPSK	1	12	21.63	21.70	21.57		
5	QPSK	1	24	21.57	21.64	21.56		
5	QPSK	12	0	20.70	20.80	20.74	22	1
5	QPSK	12	7	20.73	20.83	20.64		
5	QPSK	12	13	20.63	20.79	20.66		
5	QPSK	25	0	20.67	20.71	20.64		
5	16QAM	1	0	20.47	20.64	20.43	22	1
5	16QAM	1	12	20.51	20.58	20.42		
5	16QAM	1	24	20.46	20.46	20.39		
5	16QAM	12	0	19.56	19.71	19.49	21	2
5	16QAM	12	7	19.45	19.64	19.49		
5	16QAM	12	13	19.48	19.59	19.54		
5	16QAM	25	0	19.42	19.59	19.47		
5	64QAM	1	0	19.56	19.57	19.42	21	2
5	64QAM	1	12	19.40	19.53	19.45		
5	64QAM	1	24	19.40	19.45	19.36		
5	64QAM	12	0	18.49	18.59	18.48	20	3
5	64QAM	12	7	18.52	18.60	18.45		
5	64QAM	12	13	18.50	18.60	18.47		
5	64QAM	25	0	18.38	18.53	18.54		
5	256QAM	1	0	17.15	17.23	17.22	18	5
5	256QAM	1	12	17.18	17.27	17.24		
5	256QAM	1	24	17.09	17.23	17.11		
5	256QAM	12	0	17.18	17.23	17.08	18	5
5	256QAM	12	7	17.04	17.18	17.13		
5	256QAM	12	13	17.13	17.17	17.06		
5	256QAM	25	0	17.17	17.22	17.04		

Band 48_FCC Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56940		
Frequency (MHz)				3560	3609	3641	3692		
20	QPSK	1	0	22.05	20.02	19.70	19.67	23	0
20	QPSK	1	49	21.99	22.06	21.92	21.63		
20	QPSK	1	99	21.94	20.66	19.61	19.23		
20	QPSK	50	0	21.06	21.13	21.02	20.74	22	1
20	QPSK	50	24	21.02	21.10	21.00	20.69		
20	QPSK	50	50	20.98	21.06	20.94	20.62		
20	QPSK	100	0	20.93	21.14	20.97	20.68		
20	16QAM	1	0	20.87	19.11	19.03	19.00	22	1
20	16QAM	1	49	20.85	21.11	21.03	21.04		
20	16QAM	1	99	19.52	18.91	18.79	18.78		
20	16QAM	50	0	20.10	20.18	20.14	20.13	21	2
20	16QAM	50	24	20.06	20.14	20.09	20.11		
20	16QAM	50	50	20.01	20.07	19.98	19.98		
20	16QAM	100	0	20.08	20.13	20.09	20.01		
20	64QAM	1	0	18.62	18.19	18.15	18.10	21	2
20	64QAM	1	49	20.05	20.05	19.98	19.97		
20	64QAM	1	99	18.48	17.93	17.87	17.79		
20	64QAM	50	0	19.10	17.14	17.03	17.04	20	3
20	64QAM	50	24	19.03	19.15	19.11	19.11		
20	64QAM	50	50	19.07	19.10	19.02	18.99		
20	64QAM	100	0	18.98	19.20	19.11	19.15		
20	256QAM	1	0	15.47	15.07	14.98	15.00	18	5
20	256QAM	1	49	18.38	17.99	17.93	17.96		
20	256QAM	1	99	15.42	14.88	14.75	14.83		
20	256QAM	50	0	18.10	18.03	17.90	17.93	18	5
20	256QAM	50	24	18.05	18.01	17.94	17.96		
20	256QAM	50	50	17.98	18.25	18.21	18.14		
20	256QAM	100	0	18.08	18.08	17.99	18.01		
Channel				55315	55820	56160	56965	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.97	19.90	19.55	19.59	23	0
15	QPSK	1	37	21.92	21.93	21.88	21.60		
15	QPSK	1	74	21.82	20.60	19.52	19.08		
15	QPSK	36	0	20.92	21.06	20.91	20.69	22	1
15	QPSK	36	20	20.94	20.97	20.90	20.60		
15	QPSK	36	39	20.89	20.95	20.84	20.58		
15	QPSK	75	0	20.82	21.07	20.91	20.57		
15	16QAM	1	0	20.80	18.99	18.91	18.91	22	1
15	16QAM	1	37	20.79	21.02	20.97	21.00		
15	16QAM	1	74	19.46	18.81	18.68	18.71		
15	16QAM	36	0	20.03	20.11	20.07	19.98	21	2
15	16QAM	36	20	19.93	20.04	19.98	19.99		
15	16QAM	36	39	19.92	19.97	19.92	19.90		
15	16QAM	75	0	19.95	20.05	19.98	19.88		
15	64QAM	1	0	18.51	18.10	18.07	18.06	21	2
15	64QAM	1	37	20.00	20.01	19.90	19.84		
15	64QAM	1	74	18.36	17.89	17.79	17.71		
15	64QAM	36	0	18.99	17.02	16.97	16.91	20	3
15	64QAM	36	20	18.89	19.05	18.98	19.03		
15	64QAM	36	39	19.02	19.02	18.93	18.84		
15	64QAM	75	0	18.87	19.15	19.02	19.06		
15	256QAM	1	0	15.41	14.98	14.90	14.95	18	5
15	256QAM	1	37	18.32	17.95	17.82	17.87		
15	256QAM	1	74	15.32	14.80	14.67	14.74		
15	256QAM	36	0	18.02	17.93	17.79	17.83	18	5
15	256QAM	36	20	17.93	17.92	17.84	17.82		
15	256QAM	36	39	17.93	18.15	18.08	18.02		
15	256QAM	75	0	17.99	17.94	17.93	17.90		
Channel				55290	55815	56165	56990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3692		
10	QPSK	1	0	22.01	19.93	19.57	19.61	23	0
10	QPSK	1	25	21.88	21.97	21.88	21.53		
10	QPSK	1	49	21.82	20.60	19.47	19.13		
10	QPSK	25	0	20.93	21.09	20.90	20.64	22	1
10	QPSK	25	12	20.89	20.97	20.88	20.59		
10	QPSK	25	25	20.91	21.03	20.82	20.55		
10	QPSK	50	0	20.84	21.04	20.85	20.62		
10	16QAM	1	0	20.83	19.04	18.96	18.86	22	1
10	16QAM	1	25	20.78	21.04	20.92	20.97		
10	16QAM	1	49	19.40	18.88	18.67	18.68		
10	16QAM	25	0	20.05	20.06	20.08	20.02	21	2
10	16QAM	25	12	19.96	19.99	19.96	20.08		
10	16QAM	25	25	19.96	20.02	19.83	19.87		
10	16QAM	50	0	19.98	19.98	20.04	19.89		
10	64QAM	1	0	18.56	18.11	18.10	18.06	21	2
10	64QAM	1	25	19.94	19.98	19.88	19.89		
10	64QAM	1	49	18.42	17.83	17.82	17.68		
10	64QAM	25	0	19.00	17.04	16.91	16.96	20	3
10	64QAM	25	12	18.94	19.09	19.08	19.07		
10	64QAM	25	25	19.03	19.03	18.95	18.85		
10	64QAM	50	0	18.86	19.07	19.01	19.09		
10	256QAM	1	0	15.33	15.02	14.91	14.89	18	5
10	256QAM	1	25	18.33	17.90	17.81	17.85		
10	256QAM	1	49	15.28	14.80	14.71	14.72		
10	256QAM	25	0	18.02	17.92	17.80	17.85	18	5
10	256QAM	25	12	17.91	17.94	17.82	17.89		
10	256QAM	25	25	17.84	18.19	18.08	18.05		
10	256QAM	50	0	17.94	18.05	17.88	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	21.92	19.95	19.62	19.52	23	0
5	QPSK	1	12	21.93	21.99	21.86	21.52		
5	QPSK	1	24	21.80	20.54	19.49	19.13		
5	QPSK	12	0	21.00	21.05	20.94	20.63	22	1
5	QPSK	12	7	20.94	20.97	20.87	20.58		
5	QPSK	12	13	20.85	21.03	20.91	20.48		
5	QPSK	25	0	20.83	21.05	20.86	20.61		
5	16QAM	1	0	20.79	19.00	18.91	18.91	22	1
5	16QAM	1	12	20.75	21.02	20.97	20.96		
5	16QAM	1	24	19.45	18.80	18.71	18.66		
5	16QAM	12	0	20.05	20.05	20.09	20.10	21	2
5	16QAM	12	7	19.95	20.08	19.95	19.97		
5	16QAM	12	13	19.91	20.01	19.83	19.91		
5	16QAM	25	0	20.02	19.99	19.95	19.87		
5	64QAM	1	0	18.59	18.11	18.02	18.04	21	2
5	64QAM	1	12	19.93	19.98	19.87	19.92		
5	64QAM	1	24	18.36	17.79	17.82	17.73		
5	64QAM	12	0	18.98	17.08	16.92	17.01	20	3
5	64QAM	12	7	18.90	19.11	18.98	19.01		
5	64QAM	12	13	18.99	19.06	18.94	18.89		
5	64QAM	25	0	18.88	19.09	19.02	19.09		
5	256QAM	1	0	15.42	14.96	14.84	14.87	18	5
5	256QAM	1	12	18.27	17.88	17.89	17.81		
5	256QAM	1	24	15.38	14.85	14.65	14.73		
5	256QAM	12	0	18.03	17.98	17.76	17.84	18	5
5	256QAM	12	7	17.90	17.90	17.89	17.83		
5	256QAM	12	13	17.91	18.22	18.10	18.09		
5	256QAM	25	0	17.93	17.96	17.87	17.97		

GSM1900 Ant3 DSI3 Simultaneous

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.30	28.18	28.30	29.00	19.30	19.18	19.30	20.00
GPRS 1 Tx slot	28.19	28.37	28.29	29.00	19.19	19.37	19.29	20.00
GPRS 2 Tx slots	26.15	26.08	26.11	26.50	20.15	20.08	20.11	20.50
GPRS 3 Tx slots	23.71	23.73	23.51	25.00	19.45	19.47	19.25	20.74
GPRS 4 Tx slots	21.51	21.67	21.74	22.50	18.51	18.67	18.74	19.50
EDGE 1 Tx slot	26.66	26.70	26.53	28.00	17.66	17.70	17.53	19.00
EDGE 2 Tx slots	24.74	24.81	24.79	26.00	18.74	18.81	18.79	20.00
EDGE 3 Tx slots	23.43	23.53	23.47	24.50	19.17	19.27	19.21	20.24
EDGE 4 Tx slots	21.55	21.61	21.42	22.50	18.55	18.61	18.42	19.50

WCDMA II Ant3 DSI3 Simultaneous

WCDMA IV Ant3 DSI3 Simultaneous

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.81	18.88	18.87	20.50	19.11	19.21	19.12	20.00
3GPP Rel 99	RMC 12.2Kbps	18.89	18.95	18.77	20.50	19.24	19.28	19.24	20.00
3GPP Rel 6	HSDPA Subtest-1	17.93	18.20	17.93	19.50	18.52	18.43	18.38	19.00
3GPP Rel 6	HSDPA Subtest-2	18.09	18.28	18.00	19.50	18.62	18.91	18.41	19.00
3GPP Rel 6	HSDPA Subtest-3	17.74	17.94	17.43	19.00	18.41	18.41	18.15	18.50
3GPP Rel 6	HSDPA Subtest-4	17.50	17.88	17.51	19.00	18.33	18.18	18.15	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.92	18.28	17.78	19.50	18.47	18.84	18.32	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.27	18.08	18.00	19.50	18.42	18.86	18.48	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.33	17.60	17.75	19.00	17.78	18.22	17.89	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.68	17.47	17.58	19.00	18.23	17.97	18.30	18.50
3GPP Rel 6	HSUPA Subtest-1	17.96	18.22	18.13	19.50	18.39	18.76	18.49	19.00
3GPP Rel 6	HSUPA Subtest-2	15.91	15.95	16.03	17.50	16.46	16.60	16.87	17.00
3GPP Rel 6	HSUPA Subtest-3	17.19	17.24	16.96	18.50	17.65	17.81	17.59	18.00
3GPP Rel 6	HSUPA Subtest-4	15.71	16.20	15.79	17.50	16.46	16.74	16.47	17.00
3GPP Rel 6	HSUPA Subtest-5	18.07	17.85	18.09	19.50	18.46	18.53	18.31	19.00

Band 2 Ant3 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	19.42	19.52	19.32	20.6	0
20	QPSK	1	49	19.38	19.43	19.35		
20	QPSK	1	99	19.46	19.43	19.35		
20	QPSK	50	0	19.48	19.49	19.45		
20	QPSK	50	24	19.36	19.41	19.35		
20	QPSK	50	50	19.48	19.39	19.26		
20	QPSK	100	0	19.39	19.48	19.39		
20	16QAM	1	0	19.50	19.51	19.36		
20	16QAM	1	49	19.33	19.42	19.30		
20	16QAM	1	99	19.48	19.47	19.42		
20	16QAM	50	0	19.43	19.51	19.28		
20	16QAM	50	24	19.39	19.38	19.31		
20	16QAM	50	50	19.39	19.49	19.26		
20	16QAM	100	0	19.38	19.45	19.35		
20	64QAM	1	0	19.34	19.42	19.37		
20	64QAM	1	49	19.42	19.35	19.44		
20	64QAM	1	99	19.50	19.37	19.35		
20	64QAM	50	0	19.43	19.51	19.24		
20	64QAM	50	24	19.48	19.20	19.29		
20	64QAM	50	50	19.38	19.42	19.45		
20	64QAM	100	0	19.46	19.37	19.38		
20	256QAM	1	0	18.91	19.13	18.94		
20	256QAM	1	49	19.07	19.29	19.09		
20	256QAM	1	99	19.00	19.16	18.81		
20	256QAM	50	0	19.21	19.11	18.81		
20	256QAM	50	24	19.01	18.98	18.92		
20	256QAM	50	50	19.01	19.03	19.05		
20	256QAM	100	0	19.08	18.99	18.92		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.35	19.37	19.15		
15	QPSK	1	37	19.21	19.32	19.32		
15	QPSK	1	74	19.38	19.39	19.30		
15	QPSK	36	0	19.40	19.36	19.35		
15	QPSK	36	20	19.18	19.22	19.26		
15	QPSK	36	39	19.34	19.35	19.20		
15	QPSK	75	0	19.26	19.31	19.28		
15	16QAM	1	0	19.30	19.41	19.24		
15	16QAM	1	37	19.28	19.24	19.10		
15	16QAM	1	74	19.44	19.28	19.35		
15	16QAM	36	0	19.34	19.31	19.16		
15	16QAM	36	20	19.19	19.29	19.31		
15	16QAM	36	39	19.37	19.31	19.22		
15	16QAM	75	0	19.27	19.34	19.31		
15	64QAM	1	0	19.33	19.35	19.25		
15	64QAM	1	37	19.31	19.29	19.29		
15	64QAM	1	74	19.49	19.27	19.19		
15	64QAM	36	0	19.29	19.49	19.05		
15	64QAM	36	20	19.40	19.46	19.21		
15	64QAM	36	39	19.25	19.25	19.42		
15	64QAM	75	0	19.30	19.25	19.31		
15	256QAM	1	0	18.91	18.94	18.78		
15	256QAM	1	37	19.06	19.09	18.99		
15	256QAM	1	74	18.86	18.97	18.66		
15	256QAM	36	0	19.13	18.96	18.68		
15	256QAM	36	20	19.02	18.84	18.78		
15	256QAM	36	39	18.87	18.97	19.03		
15	256QAM	75	0	18.94	18.98	18.72		
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.38	19.44	19.21		
10	QPSK	1	25	19.32	19.32	19.35		
10	QPSK	1	49	19.28	19.27	19.21		
10	QPSK	25	0	19.33	19.29	19.29		
10	QPSK	25	12	19.20	19.35	19.16		
10	QPSK	25	25	19.39	19.20	19.15		
10	QPSK	50	0	19.30	19.46	19.25		
10	16QAM	1	0	19.38	19.38	19.34		
10	16QAM	1	25	19.22	19.38	19.12		
10	16QAM	1	49	19.44	19.48	19.28		
10	16QAM	25	0	19.34	19.33	19.26		
10	16QAM	25	12	19.26	19.30	19.14		
10	16QAM	25	25	19.34	19.34	19.09		
10	16QAM	50	0	19.38	19.29	19.32		
10	64QAM	1	0	19.22	19.25	19.29		
10	64QAM	1	25	19.36	19.21	19.44		
10	64QAM	1	49	19.35	19.28	19.28		
10	64QAM	25	0	19.41	19.43	19.04		
10	64QAM	25	12	19.46	19.51	19.18		
10	64QAM	25	25	19.25	19.38	19.31		
10	64QAM	50	0	19.41	19.35	19.31		
10	256QAM	1	0	18.73	18.95	18.81		
10	256QAM	1	25	19.04	19.10	18.89	20.1	0.5
10	256QAM	1	49	18.82	19.14	18.70		
10	256QAM	25	0	19.07	18.98	18.64		
10	256QAM	25	12	18.85	18.98	18.79	20.1	0.5
10	256QAM	25	25	18.92	19.02	18.96		
10	256QAM	50	0	18.97	18.96	18.91		
Channel				18625	18900	19175		
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.27	19.51	19.29		
5	QPSK	1	12	19.25	19.27	19.19	20.6	0
5	QPSK	1	24	19.43	19.27	19.16		
5	QPSK	12	0	19.48	19.37	19.35		
5	QPSK	12	7	19.20	19.25	19.28	20.6	0
5	QPSK	12	13	19.28	19.23	19.09		
5	QPSK	25	0	19.32	19.45	19.22		
5	16QAM	1	0	19.44	19.49	19.16		
5	16QAM	1	12	19.18	19.43	19.18	20.6	0
5	16QAM	1	24	19.40	19.29	19.25		
5	16QAM	12	0	19.37	19.41	19.18		
5	16QAM	12	7	19.34	19.36	19.27	20.6	0
5	16QAM	12	13	19.38	19.44	19.06		
5	16QAM	25	0	19.21	19.44	19.33		
5	64QAM	1	0	19.30	19.31	19.37		
5	64QAM	1	12	19.35	19.34	19.26	20.6	0
5	64QAM	1	24	19.45	19.33	19.29		
5	64QAM	12	0	19.35	19.37	19.08		
5	64QAM	12	7	19.32	19.41	19.20	20.6	0
5	64QAM	12	13	19.22	19.35	19.45		
5	64QAM	25	0	19.47	19.17	19.30		
5	256QAM	1	0	18.74	19.04	18.90		
5	256QAM	1	12	19.00	19.09	19.04	20.1	0.5
5	256QAM	1	24	18.97	18.95	18.87		
5	256QAM	12	0	19.03	19.00	18.60		
5	256QAM	12	7	18.96	18.86	18.80	20.1	0.5
5	256QAM	12	13	18.83	19.03	18.97		
5	256QAM	25	0	19.08	18.82	18.84		
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.41	19.51	19.25		
3	QPSK	1	8	19.24	19.24	19.18	20.6	0
3	QPSK	1	14	19.30	19.33	19.21		
3	QPSK	8	0	19.44	19.37	19.25		
3	QPSK	8	4	19.17	19.31	19.24	20.6	0
3	QPSK	8	7	19.38	19.23	19.12		
3	QPSK	15	0	19.19	19.47	19.19		
3	16QAM	1	0	19.39	19.51	19.36		
3	16QAM	1	8	19.33	19.41	19.22	20.6	0
3	16QAM	1	14	19.30	19.45	19.27		
3	16QAM	8	0	19.35	19.50	19.23		
3	16QAM	8	4	19.32	19.26	19.31	20.6	0
3	16QAM	8	7	19.33	19.49	19.07		
3	16QAM	15	0	19.34	19.44	19.31		
3	64QAM	1	0	19.30	19.25	19.26		
3	64QAM	1	8	19.42	19.35	19.42	20.6	0
3	64QAM	1	14	19.48	19.32	19.20		
3	64QAM	8	0	19.42	19.40	19.15		
3	64QAM	8	4	19.30	19.39	19.16	20.6	0
3	64QAM	8	7	19.17	19.27	19.43		
3	64QAM	15	0	19.28	19.17	19.30		
3	256QAM	1	0	18.75	19.00	18.91		
3	256QAM	1	8	18.98	19.11	18.98	20.1	0.5
3	256QAM	1	14	18.95	19.07	18.61		
3	256QAM	8	0	19.09	19.05	18.70		
3	256QAM	8	4	18.84	18.86	18.78	20.1	0.5
3	256QAM	8	7	18.96	18.88	18.93		
3	256QAM	15	0	18.91	18.82	18.76		
Channel				18607	18900	19193		
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.30	19.50	19.23		
1.4	QPSK	1	3	19.34	19.24	19.20		
1.4	QPSK	1	5	19.39	19.34	19.21	20.6	0
1.4	QPSK	3	0	19.35	19.28	19.32		
1.4	QPSK	3	1	19.18	19.36	19.34		
1.4	QPSK	3	3	19.36	19.23	19.24		
1.4	QPSK	6	0	19.39	19.34	19.18	20.6	0
1.4	16QAM	1	0	19.31	19.36	19.23		
1.4	16QAM	1	3	19.27	19.31	19.23		
1.4	16QAM	1	5	19.37	19.32	19.38	20.6	0
1.4	16QAM	3	0	19.24	19.51	19.17		
1.4	16QAM	3	1	19.23	19.38	19.22		
1.4	16QAM	3	3	19.18	19.35	19.20		
1.4	16QAM	6	0	19.19	19.40	19.32	20.6	0
1.4	64QAM	1	0	19.22	19.36	19.23		
1.4	64QAM	1	3	19.30	19.28	19.36		
1.4	64QAM	1	5	19.45	19.18	19.20	20.6	0
1.4	64QAM	3	0	19.38	19.43	19.13		
1.4	64QAM	3	1	19.44	19.48	19.19		
1.4	64QAM	3	3	19.20	19.35	19.45		
1.4	64QAM	6	0	19.44	19.31	19.17	20.6	0
1.4	256QAM	1	0	18.91	19.04	18.85		
1.4	256QAM	1	3	18.89	19.12	19.07		
1.4	256QAM	1	5	18.79	18.99	18.78	20.1	0.5
1.4	256QAM	3	0	19.09	18.96	18.79		
1.4	256QAM	3	1	18.83	18.77	18.76		
1.4	256QAM	3	3	18.89	18.92	18.85		
1.4	256QAM	6	0	18.94	18.98	18.86	20.1	0.5

Band 4 Ant3 DSI3 Simultaneous

BW [MHz]	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	19.68	19.84	19.79	20.8	0
20	QPSK	1	49	19.63	19.81	19.73		
20	QPSK	1	99	19.74	19.75	19.68		
20	QPSK	50	0	19.57	19.79	19.62		
20	QPSK	50	24	19.75	19.75	19.72		
20	QPSK	50	50	19.65	19.64	19.69		
20	QPSK	100	0	19.61	19.75	19.60		
20	16QAM	1	0	19.56	19.66	19.68		
20	16QAM	1	49	19.71	19.63	19.80		
20	16QAM	1	99	19.63	19.70	19.66		
20	16QAM	50	0	19.73	19.81	19.60		
20	16QAM	50	24	19.65	19.71	19.70		
20	16QAM	50	50	19.68	19.81	19.82		
20	16QAM	100	0	19.71	19.78	19.67		
20	64QAM	1	0	19.55	19.80	19.77		
20	64QAM	1	49	19.73	19.79	19.82		
20	64QAM	1	99	19.64	19.69	19.81		
20	64QAM	50	0	19.68	19.75	19.83		
20	64QAM	50	24	19.65	19.81	19.80		
20	64QAM	50	50	19.65	19.75	19.80		
20	64QAM	100	0	19.77	19.72	19.69		
20	256QAM	1	0	18.92	19.12	19.21		
20	256QAM	1	49	19.40	19.34	19.24	20.3	0.5
20	256QAM	1	99	19.26	19.23	19.06		
20	256QAM	50	0	19.24	19.36	18.94		
20	256QAM	50	24	18.96	18.97	18.99		
20	256QAM	50	50	19.00	19.13	19.17		
20	256QAM	100	0	19.27	19.07	19.06		
Channel				20025	20175	20325		
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.51	19.70	19.80	20.8	0
15	QPSK	1	37	19.56	19.81	19.68		
15	QPSK	1	74	19.55	19.60	19.54		
15	QPSK	36	0	19.44	19.77	19.45		
15	QPSK	36	20	19.67	19.57	19.69		
15	QPSK	36	39	19.57	19.48	19.66		
15	QPSK	75	0	19.59	19.57	19.58		
15	16QAM	1	0	19.43	19.55	19.56		
15	16QAM	1	37	19.63	19.57	19.73	20.8	0
15	16QAM	1	74	19.52	19.60	19.49		
15	16QAM	36	0	19.61	19.77	19.49		
15	16QAM	36	20	19.60	19.63	19.58		
15	16QAM	36	39	19.65	19.77	19.66		
15	16QAM	75	0	19.66	19.61	19.55		
15	64QAM	1	0	19.45	19.76	19.56		
15	64QAM	1	37	19.74	19.67	19.71	20.8	0
15	64QAM	1	74	19.63	19.54	19.75		
15	64QAM	36	0	19.49	19.66	19.48		
15	64QAM	36	20	19.51	19.77	19.79		
15	64QAM	36	39	19.61	19.63	19.63		
15	64QAM	75	0	19.75	19.58	19.60		
15	256QAM	1	0	18.84	18.94	19.16		
15	256QAM	1	37	19.31	19.29	19.13	20.3	0.5
15	256QAM	1	74	19.26	19.12	18.93		
15	256QAM	36	0	19.22	19.17	18.80		
15	256QAM	36	20	18.84	18.94	18.82		
15	256QAM	36	39	18.76	19.14	19.04	20.3	0.5
15	256QAM	75	0	19.22	18.88	19.02		
Channel				20000	20175	20350		
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.57	19.74	19.74	20.8	0
10	QPSK	1	25	19.52	19.79	19.53		
10	QPSK	1	49	19.74	19.58	19.61		
10	QPSK	25	0	19.52	19.65	19.57		
10	QPSK	25	12	19.56	19.68	19.69		
10	QPSK	25	25	19.49	19.58	19.65		
10	QPSK	50	0	19.54	19.67	19.44		
10	16QAM	1	0	19.48	19.58	19.59	20.8	0
10	16QAM	1	25	19.60	19.58	19.79		
10	16QAM	1	49	19.49	19.68	19.47		
10	16QAM	25	0	19.53	19.71	19.48		
10	16QAM	25	12	19.66	19.67	19.49	20.8	0
10	16QAM	25	25	19.60	19.78	19.81		
10	16QAM	50	0	19.66	19.61	19.47		
10	64QAM	1	0	19.42	19.75	19.74		
10	64QAM	1	25	19.57	19.79	19.74	20.8	0
10	64QAM	1	49	19.50	19.56	19.75		
10	64QAM	25	0	19.68	19.67	19.61		
10	64QAM	25	12	19.64	19.73	19.63	20.8	0
10	64QAM	25	25	19.57	19.63	19.78		
10	64QAM	50	0	19.72	19.71	19.54		
10	256QAM	1	0	18.91	18.98	19.07		
10	256QAM	1	25	19.30	19.20	19.10	20.3	0.5
10	256QAM	1	49	19.20	19.12	18.99		
10	256QAM	25	0	19.18	19.23	18.75		
10	256QAM	25	12	18.97	18.94	18.96	20.3	0.5
10	256QAM	25	25	18.89	19.00	19.15		
10	256QAM	50	0	19.18	18.94	18.96		
Channel				19975	20175	20375		
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.55	19.68	19.67	20.8	0
5	QPSK	1	12	19.53	19.63	19.64		
5	QPSK	1	24	19.57	19.59	19.65		
5	QPSK	12	0	19.50	19.79	19.61		
5	QPSK	12	7	19.61	19.63	19.68	20.8	0
5	QPSK	12	13	19.49	19.56	19.66		
5	QPSK	25	0	19.54	19.65	19.44		
5	16QAM	1	0	19.43	19.58	19.54		
5	16QAM	1	12	19.72	19.58	19.79	20.8	0
5	16QAM	1	24	19.44	19.66	19.55		
5	16QAM	12	0	19.68	19.67	19.59		
5	16QAM	12	7	19.63	19.69	19.61	20.8	0
5	16QAM	12	13	19.47	19.69	19.63		
5	16QAM	25	0	19.68	19.66	19.56		
5	64QAM	1	0	19.43	19.79	19.68		
5	64QAM	1	12	19.67	19.79	19.77	20.8	0
5	64QAM	1	24	19.52	19.53	19.72		
5	64QAM	12	0	19.64	19.67	19.58		
5	64QAM	12	7	19.44	19.69	19.71	20.8	0
5	64QAM	12	13	19.52	19.73	19.62		
5	64QAM	25	0	19.75	19.60	19.68		
5	256QAM	1	0	18.88	19.00	19.07		
5	256QAM	1	12	19.31	19.33	19.25	20.3	0.5
5	256QAM	1	24	19.12	19.22	18.95		
5	256QAM	12	0	19.21	19.17	18.83		
5	256QAM	12	7	18.82	18.84	18.95	20.3	0.5
5	256QAM	12	13	18.74	18.94	19.16		
5	256QAM	25	0	19.14	18.98	18.92		
Channel				19965	20175	20385		
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.49	19.73	19.77	20.8	0
3	QPSK	1	8	19.51	19.73	19.59		
3	QPSK	1	14	19.71	19.66	19.50		
3	QPSK	8	0	19.39	19.59	19.60		
3	QPSK	8	4	19.55	19.66	19.58	20.8	0
3	QPSK	8	7	19.47	19.47	19.59		
3	QPSK	15	0	19.58	19.66	19.52		
3	16QAM	1	0	19.38	19.57	19.50		
3	16QAM	1	8	19.62	19.44	19.69	20.8	0
3	16QAM	1	14	19.43	19.58	19.50		
3	16QAM	8	0	19.66	19.78	19.56		
3	16QAM	8	4	19.56	19.64	19.61	20.8	0
3	16QAM	8	7	19.47	19.82	19.78		
3	16QAM	15	0	19.63	19.69	19.47		
3	64QAM	1	0	19.50	19.74	19.66		
3	64QAM	1	8	19.68	19.61	19.75	20.8	0
3	64QAM	1	14	19.44	19.61	19.76		
3	64QAM	8	0	19.54	19.62	19.48		
3	64QAM	8	4	19.55	19.72	19.64	20.8	0
3	64QAM	8	7	19.48	19.68	19.71		
3	64QAM	15	0	19.57	19.52	19.68		
3	256QAM	1	0	18.93	18.95	19.08		
3	256QAM	1	8	19.22	19.30	19.24	20.3	0.5
3	256QAM	1	14	19.26	19.02	19.01		
3	256QAM	8	0	19.19	19.19	18.77		
3	256QAM	8	4	18.77	18.87	18.83	20.3	0.5
3	256QAM	8	7	18.77	19.10	19.17		
3	256QAM	15	0	19.10	19.03	18.88		
Channel				19957	20175	20393		
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.58	19.72	19.62	20.8	0
1.4	QPSK	1	3	19.45	19.66	19.66		
1.4	QPSK	1	5	19.61	19.60	19.55		
1.4	QPSK	3	0	19.52	19.78	19.42		
1.4	QPSK	3	1	19.60	19.74	19.63		
1.4	QPSK	3	3	19.50	19.54	19.51		
1.4	QPSK	6	0	19.42	19.69	19.50	20.8	0
1.4	16QAM	1	0	19.47	19.54	19.61	20.8	0
1.4	16QAM	1	3	19.53	19.55	19.76		
1.4	16QAM	1	5	19.47	19.54	19.47		
1.4	16QAM	3	0	19.68	19.72	19.49		
1.4	16QAM	3	1	19.53	19.61	19.61		
1.4	16QAM	3	3	19.65	19.72	19.67		
1.4	16QAM	6	0	19.56	19.65	19.49	20.8	0
1.4	64QAM	1	0	19.43	19.75	19.66	20.8	0
1.4	64QAM	1	3	19.69	19.67	19.77		
1.4	64QAM	1	5	19.46	19.54	19.65		
1.4	64QAM	3	0	19.54	19.67	19.48		
1.4	64QAM	3	1	19.48	19.72	19.77		
1.4	64QAM	3	3	19.49	19.54	19.67		
1.4	64QAM	6	0	19.64	19.58	19.66	20.8	0
1.4	256QAM	1	0	18.89	18.97	19.18	20.3	0.5
1.4	256QAM	1	3	19.21	19.19	19.03		
1.4	256QAM	1	5	19.10	19.08	18.90		
1.4	256QAM	3	0	19.07	19.24	18.94		
1.4	256QAM	3	1	18.81	18.92	18.90		
1.4	256QAM	3	3	18.92	19.10	19.11		
1.4	256QAM	6	0	19.27	18.89	19.02	20.3	0.5

Band 7 Ant3 DSI3 Simultaneous

BW [MHz]	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	18.41	18.73	18.53	20.2	0
20	QPSK	1	49	18.48	18.71	18.62		
20	QPSK	1	99	18.50	18.67	18.67		
20	QPSK	50	0	18.46	18.69	18.57		
20	QPSK	50	24	18.63	18.65	18.50		
20	QPSK	50	50	18.59	18.67	18.49		
20	QPSK	100	0	18.43	18.68	18.61		
20	16QAM	1	0	18.53	18.56	18.68		
20	16QAM	1	49	18.53	18.56	18.53		
20	16QAM	1	99	18.58	18.58	18.63		
20	16QAM	50	0	18.42	18.61	18.60		
20	16QAM	50	24	18.50	18.55	18.61		
20	16QAM	50	50	18.58	18.50	18.47		
20	16QAM	100	0	18.60	18.62	18.67		
20	64QAM	1	0	18.55	18.52	18.57		
20	64QAM	1	49	18.54	18.56	18.54		
20	64QAM	1	99	18.49	18.56	18.68		
20	64QAM	50	0	18.61	18.63	18.65		
20	64QAM	50	24	18.51	18.62	18.58		
20	64

Band 25 Ant3 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.57	19.61	19.52		
20	QPSK	1	49	19.38	19.49	19.30	20.6	0
20	QPSK	1	99	19.46	19.51	19.34		
20	QPSK	50	0	19.51	19.54	19.36		
20	QPSK	50	24	19.38	19.48	19.32	20.6	0
20	QPSK	50	50	19.38	19.31	19.35		
20	QPSK	100	0	19.30	19.51	19.49		
20	16QAM	1	0	19.47	19.60	19.42		
20	16QAM	1	49	19.28	19.40	19.33	20.6	0
20	16QAM	1	99	19.46	19.57	19.32		
20	16QAM	50	0	19.45	19.51	19.32		
20	16QAM	50	24	19.47	19.31	19.32	20.6	0
20	16QAM	50	50	19.28	19.42	19.17		
20	16QAM	100	0	19.30	19.39	19.42		
20	64QAM	1	0	19.36	19.34	19.47		
20	64QAM	1	49	19.36	19.25	19.35	20.6	0
20	64QAM	1	99	19.44	19.31	19.32		
20	64QAM	50	0	19.33	19.45	19.31		
20	64QAM	50	24	19.59	19.55	19.39	20.6	0
20	64QAM	50	50	19.44	19.38	19.36		
20	64QAM	100	0	19.49	19.38	19.48		
20	256QAM	1	0	18.98	19.07	19.12		
20	256QAM	1	49	19.14	19.37	19.15	20.1	0.5
20	256QAM	1	99	18.94	19.18	19.14		
20	256QAM	50	0	19.29	19.11	18.99		
20	256QAM	50	24	19.04	19.07	19.05	20.1	0.5
20	256QAM	50	50	19.03	18.98	18.98		
20	256QAM	100	0	19.09	18.99	19.02		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.53	19.54	19.45		
15	QPSK	1	37	19.33	19.46	19.30	20.6	0
15	QPSK	1	74	19.42	19.36	19.22		
15	QPSK	36	0	19.35	19.43	19.30		
15	QPSK	36	20	19.31	19.30	19.25	20.6	0
15	QPSK	36	39	19.31	19.20	19.28		
15	QPSK	75	0	19.11	19.46	19.50		
15	16QAM	1	0	19.33	19.44	19.32		
15	16QAM	1	37	19.12	19.35	19.18	20.6	0
15	16QAM	1	74	19.39	19.37	19.11		
15	16QAM	36	0	19.28	19.49	19.17		
15	16QAM	36	20	19.43	19.29	19.32	20.6	0
15	16QAM	36	39	19.23	19.25	19.06		
15	16QAM	75	0	19.26	19.27	19.41		
15	64QAM	1	0	19.35	19.16	19.46		
15	64QAM	1	37	19.18	19.07	19.15	20.6	0
15	64QAM	1	74	19.40	19.23	19.20		
15	64QAM	36	0	19.31	19.27	19.22		
15	64QAM	36	20	19.57	19.51	19.38	20.6	0
15	64QAM	36	39	19.32	19.32	19.30		
15	64QAM	75	0	19.45	19.28	19.36		
15	256QAM	1	0	18.81	19.01	18.91		
15	256QAM	1	37	19.13	19.29	19.04	20.1	0.5
15	256QAM	1	74	18.93	19.06	19.06		
15	256QAM	36	0	19.22	18.99	19.00		
15	256QAM	36	20	19.02	19.07	18.87	20.1	0.5
15	256QAM	36	39	19.02	18.91	18.95		
15	256QAM	75	0	19.03	18.97	18.84		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.37	19.49	19.35		
10	QPSK	1	25	19.20	19.29	19.21	20.6	0
10	QPSK	1	49	19.25	19.20	19.33		
10	QPSK	25	0	19.41	19.51	19.34		
10	QPSK	25	12	19.34	19.35	19.15	20.6	0
10	QPSK	25	25	19.20	19.19	19.29		
10	QPSK	50	0	19.18	19.46	19.37		
10	16QAM	1	0	19.29	19.56	19.35		
10	16QAM	1	25	19.21	19.34	19.14	20.6	0
10	16QAM	1	49	19.30	19.39	19.25		
10	16QAM	25	0	19.31	19.50	19.27		
10	16QAM	25	12	19.31	19.19	19.26	20.6	0
10	16QAM	25	25	19.21	19.31	19.13		
10	16QAM	50	0	19.20	19.33	19.32		
10	64QAM	1	0	19.23	19.25	19.27		
10	64QAM	1	25	19.19	19.18	19.24	20.6	0
10	64QAM	1	49	19.41	19.11	19.12		
10	64QAM	25	0	19.16	19.45	19.18		
10	64QAM	25	12	19.48	19.48	19.20	20.6	0
10	64QAM	25	25	19.42	19.21	19.24		
10	64QAM	50	0	19.45	19.20	19.31		
10	256QAM	1	0	18.84	18.91	19.07		
10	256QAM	1	25	19.10	19.17	19.01	20.1	0.5
10	256QAM	1	49	18.82	19.02	19.08		
10	256QAM	25	0	19.10	18.94	18.89		
10	256QAM	25	12	18.92	19.06	18.90	20.1	0.5
10	256QAM	25	25	18.97	18.99	18.88		
10	256QAM	50	0	18.91	18.85	18.86		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.38	19.59	19.33		
5	QPSK	1	12	19.18	19.44	19.27	20.6	0
5	QPSK	1	24	19.45	19.24	19.29		
5	QPSK	12	0	19.44	19.44	19.21		
5	QPSK	12	7	19.20	19.30	19.15	20.6	0
5	QPSK	12	13	19.31	19.24	19.21		
5	QPSK	25	0	19.21	19.38	19.40		
5	16QAM	1	0	19.41	19.56	19.42		
5	16QAM	1	12	19.28	19.23	19.23	20.6	0
5	16QAM	1	24	19.38	19.53	19.15		
5	16QAM	12	0	19.30	19.37	19.17		
5	16QAM	12	7	19.28	19.29	19.12	20.6	0
5	16QAM	12	13	19.14	19.41	18.99		
5	16QAM	25	0	19.20	19.25	19.30		
5	64QAM	1	0	19.19	19.17	19.33		
5	64QAM	1	12	19.24	19.15	19.28	20.6	0
5	64QAM	1	24	19.41	19.15	19.20		
5	64QAM	12	0	19.25	19.26	19.17		
5	64QAM	12	7	19.54	19.45	19.24	20.6	0
5	64QAM	12	13	19.29	19.20	19.24		
5	64QAM	25	0	19.40	19.34	19.45		
5	256QAM	1	0	18.83	19.04	19.07		
5	256QAM	1	12	19.00	19.26	19.08	20.1	0.5
5	256QAM	1	24	18.90	19.04	18.99		
5	256QAM	12	0	19.23	18.99	18.88		
5	256QAM	12	7	18.89	18.99	19.01	20.1	0.5
5	256QAM	12	13	19.01	18.85	18.93		
5	256QAM	25	0	18.89	18.87	18.97		
Channel				26035	26340	26715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.49	19.60	19.50		
3	QPSK	1	8	19.19	19.29	19.22	20.6	0
3	QPSK	1	14	19.27	19.20	19.31		
3	QPSK	8	0	19.37	19.52	19.27		
3	QPSK	8	4	19.21	19.46	19.31	20.6	0
3	QPSK	8	7	19.24	19.27	19.27		
3	QPSK	15	0	19.30	19.47	19.33		
3	16QAM	1	0	19.26	19.59	19.32		
3	16QAM	1	8	19.19	19.21	19.21	20.6	0
3	16QAM	1	14	19.45	19.39	19.15		
3	16QAM	8	0	19.31	19.34	19.15		
3	16QAM	8	4	19.26	19.14	19.21	20.6	0
3	16QAM	8	7	19.27	19.32	19.06		
3	16QAM	15	0	19.13	19.27	19.35		
3	64QAM	1	0	19.23	19.34	19.30		
3	64QAM	1	8	19.37	19.14	19.17	20.6	0
3	64QAM	1	14	19.32	19.21	19.15		
3	64QAM	8	0	19.12	19.44	19.31		
3	64QAM	8	4	19.46	19.38	19.19	20.6	0
3	64QAM	8	7	19.36	19.18	19.19		
3	64QAM	15	0	19.49	19.33	19.31		
3	256QAM	1	0	18.99	18.97	19.02		
3	256QAM	1	8	19.11	19.29	18.98	20.1	0.5
3	256QAM	1	14	18.93	19.11	18.96		
3	256QAM	8	0	19.26	18.99	18.88		
3	256QAM	8	4	18.83	18.95	18.96	20.1	0.5
3	256QAM	8	7	19.03	18.90	18.80		
3	256QAM	15	0	18.89	18.85	18.93		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.52	19.55	19.39		
1.4	QPSK	1	3	19.19	19.49	19.19		
1.4	QPSK	1	5	19.46	19.34	19.26	20.6	0
1.4	QPSK	3	0	19.47	19.51	19.30		
1.4	QPSK	3	1	19.27	19.37	19.33		
1.4	QPSK	3	3	19.29	19.25	19.17		
1.4	QPSK	6	0	19.25	19.40	19.33	20.6	0
1.4	16QAM	1	0	19.34	19.59	19.30		
1.4	16QAM	1	3	19.23	19.36	19.18		
1.4	16QAM	1	5	19.26	19.52	19.27	20.6	0
1.4	16QAM	3	0	19.45	19.40	19.18		
1.4	16QAM	3	1	19.40	19.31	19.30		
1.4	16QAM	3	3	19.13	19.24	19.04		
1.4	16QAM	6	0	19.17	19.34	19.25	20.6	0
1.4	64QAM	1	0	19.19	19.22	19.47		
1.4	64QAM	1	3	19.36	19.16	19.30		
1.4	64QAM	1	5	19.43	19.32	19.31	20.6	0
1.4	64QAM	3	0	19.20	19.41	19.27		
1.4	64QAM	3	1	19.47	19.43	19.39		
1.4	64QAM	3	3	19.36	19.26	19.35		
1.4	64QAM	6	0	19.38	19.36	19.40	20.6	0
1.4	256QAM	1	0	18.95	18.97	18.92		
1.4	256QAM	1	3	18.94	19.18	19.09		
1.4	256QAM	1	5	18.75	19.16	19.05	20.1	0.5
1.4	256QAM	3	0	19.29	19.05	18.96		
1.4	256QAM	3	1	19.00	18.90	18.85		
1.4	256QAM	3	3	18.95	18.81	18.94		
1.4	256QAM	6	0	18.99	18.91	18.83	20.1	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.02	20.11	20.07		
20	QPSK	1	49	19.73	20.08	19.83	20.8	0
20	QPSK	1	99	19.89	20.03	19.88		
20	QPSK	50	0	19.89	20.00	19.74		
20	QPSK	50	24	19.96	19.98	19.99	20.8	0
20	QPSK	50	50	19.88	19.80	19.85		
20	QPSK	100	0	19.83	19.99	19.88		
20	16QAM	1	0	19.85	19.91	19.81		
20	16QAM	1	49	19.95	19.73	20.05	20.8	0
20	16QAM	1	99	19.74	19.82	19.83		
20	16QAM	50	0	19.84	20.01	19.83		
20	16QAM	50	24	19.76	19.89	19.82	20.8	0
20	16QAM	50	50	19.85	19.96	19.96		
20	16QAM	100	0	19.84	19.89	19.90		
20	64QAM	1	0	19.76	20.04	19.89		
20	64QAM	1	49	20.00	19.92	20.02	20.8	0
20	64QAM	1	99	19.74	19.83	19.97		
20	64QAM	50	0	19.85	19.87	19.91		
20	64QAM	50	24	19.85	19.92	20.04	20.8	0
20	64QAM	50	50	19.94	19.88	20.10		
20	64QAM	100	0	20.06	19.90	19.78		
20	256QAM	1	0	19.05	19.28	19.39		
20	256QAM	1	49	19.50	19.50	19.39	20.3	0.5
20	256QAM	1	99	19.42	19.38	19.21		
20	256QAM	50	0	19.39	19.48	19.11		
20	256QAM	50	24	19.14	19.08	19.23	20.3	0.5
20	256QAM	50	50	18.99	19.24	19.34		
20	256QAM	100	0	19.53	19.22	19.37		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.87	20.02	19.94		
15	QPSK	1	37	19.56	19.92	19.81	20.8	0
15	QPSK	1	74	19.82	20.01	19.74		
15	QPSK	36	0	19.73	19.90	19.60		
15	QPSK	36	20	19.75	19.83	19.89	20.8	0
15	QPSK	36	39	19.78	19.76	19.74		
15	QPSK	75	0	19.73	19.88	19.89		
15	16QAM	1	0	19.84	19.79	19.61		
15	16QAM	1	37	19.96	19.57	19.91	20.8	0
15	16QAM	1	74	19.69	19.82	19.83		
15	16QAM	36	0	19.79	19.91	19.81		
15	16QAM	36	20	19.59	19.89	19.74	20.8	0
15	16QAM	36	39	19.70	19.92	19.82		
15	16QAM	75	0	19.63	19.78	19.86		
15	64QAM	1	0	19.68	20.05	19.90		
15	64QAM	1	37	19.84	19.88	19.83	20.8	0
15	64QAM	1	74	19.74	19.80	19.78		
15	64QAM	36	0	19.70	19.80	19.89		
15	64QAM	36	20	19.82	19.92	19.88	20.8	0
15	64QAM	36	39	19.81	19.84	20.09		
15	64QAM	75	0	20.00	19.70	19.79		
15	256QAM	1	0	19.02	19.23	19.36		
15	256QAM	1	37	19.45	19.34	19.22	20.3	0.5
15	256QAM	1	74	19.34	19.20	19.05		
15	256QAM	36	0	19.19	19.37	18.98		
15	256QAM	36	20	19.05	19.01	19.16	20.3	0.5
15	256QAM	36	39	18.93	19.06	19.28		
15	256QAM	75	0	19.35	19.07	19.34		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.92	19.97	20.04		
10	QPSK	1	25	19.68	19.92	19.77	20.8	0
10	QPSK	1	49	19.85	19.86	19.75		
10	QPSK	25	0	19.78	19.99	19.62		
10	QPSK	25	12	19.87	19.97	19.96	20.8	0
10	QPSK	25	25	19.74	19.71	19.78		
10	QPSK	50	0	19.74	19.97	19.89		
10	16QAM	1	0	19.72	19.75	19.63		
10	16QAM	1	25	19.89	19.72	20.05	20.8	0
10	16QAM	1	49	19.64	19.83	19.73		
10	16QAM	25	0	19.83	19.84	19.68		
10	16QAM	25	12	19.77	19.85	19.82	20.8	0
10	16QAM	25	25	19.72	19.83	19.95		
10	16QAM	50	0	19.75	19.86	19.85		
10	64QAM	1	0	19.64	19.97	19.85		
10	64QAM	1	25	19.81	19.75	19.90	20.8	0
10	64QAM	1	49	19.69	19.66	19.86		
10	64QAM	25	0	19.85	19.86	19.79		
10	64QAM	25	12	19.79	19.86	19.99	20.8	0
10	64QAM	25	25	19.84	19.82	19.93		
10	64QAM	50	0	19.86	19.81	19.67		
10	256QAM	1	0	18.97	19.12	19.20		
10	256QAM	1	25	19.31	19.29	19.38	20.3	0.5
10	256QAM	1	49	19.29	19.36	19.11		
10	256QAM	25	0	19.34	19.27	19.03		
10	256QAM	25	12	18.99	19.06	19.05	20.3	0.5
10	256QAM	25	25	18.99	19.25	19.33		
10	256QAM	50	0	19.40	19.06	19.22		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.81	20.02	19.87		
5	QPSK	1	12	19.65	19.94	19.73	20.8	0
5	QPSK	1	24	19.74	19.85	19.77		
5	QPSK	12	0	19.86	19.83	19.65		
5	QPSK	12	7	19.78	19.83	19.88	20.8	0
5	QPSK	12	13	19.83	19.59	19.81		
5	QPSK	25	0	19.67	19.99	19.83		
5	16QAM	1	0	19.70	19.79	19.62		
5	16QAM	1	12	19.94	19.62	20.04	20.8	0
5	16QAM	1	24	19.59	19.75	19.66		
5	16QAM	12	0	19.71	19.91	19.80		
5	16QAM	12	7	19.74	19.88	19.63	20.8	0
5	16QAM	12	13	19.67	19.85	19.75		
5	16QAM	25	0	19.76	19.81	19.77		
5	64QAM	1	0	19.58	20.01	19.83		
5	64QAM	1	12	19.99	19.72	19.84	20.8	0
5	64QAM	1	24	19.54	19.81	19.91		
5	64QAM	12	0	19.73	19.72	19.87		
5	64QAM	12	7	19.86	19.74	19.91	20.8	0
5	64QAM	12	13	19.86	19.82	20.03		
5	64QAM	25	0	20.00	19.79	19.58		
5	256QAM	1	0	18.94	19.28	19.19		
5	256QAM	1	12	19.30	19.34	19.21	20.3	0.5
5	256QAM	1	24	19.28	19.17	19.12		
5	256QAM	12	0	19.40	19.32	19.07		
5	256QAM	12	7	19.06	19.01	19.12	20.3	0.5
5	256QAM	12	13	18.96	19.21	19.17		
5	256QAM	25	0	19.47	19.14	19.23		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.90	20.08	20.03		
3	QPSK	1	8	19.69	20.06	19.64	20.8	0
3	QPSK	1	14	19.76	20.01	19.74		
3	QPSK	8	0	19.90	19.84	19.69		
3	QPSK	8	4	19.78	19.87	19.89	20.8	0
3	QPSK	8	7	19.82	19.78	19.79		
3	QPSK	15	0	19.63	19.98	19.77		
3	16QAM	1	0	19.66	19.90	19.80		
3	16QAM	1	8	19.77	19.69	19.87	20.8	0
3	16QAM	1	14	19.54	19.75	19.75		
3	16QAM	8	0	19.70	19.85	19.75		
3	16QAM	8	4	19.63	19.84	19.80	20.8	0
3	16QAM	8	7	19.66	19.95	19.83		
3	16QAM	15	0	19.67	19.83	19.72		
3	64QAM	1	0	19.71	19.90	19.81		
3	64QAM	1	8	19.81	19.77	20.00	20.8	0
3	64QAM	1	14	19.65	19.70	19.96		
3	64QAM	8	0	19.85	19.73	19.88		
3	64QAM	8	4	19.66	19.79	19.85	20.8	0
3	64QAM	8	7	19.95	19.78	19.99		
3	64QAM	15	0	20.06	19.73	19.62		
3	256QAM	1	0	18.99	19.19	19.30		
3	256QAM	1	8	19.30	19.38	19.26	20.3	0.5
3	256QAM	1	14	19.38	19.33	19.01		
3	256QAM	8	0	19.24	19.46	19.10		
3	256QAM	8	4	19.06	18.97	19.23	20.3	0.5
3	256QAM	8	7	19.25	19.17	19.22		
3	256QAM	15	0	19.46	19.10	19.32		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.95	19.93	19.91		
1.4	QPSK	1	3	19.72	20.07	19.73		
1.4	QPSK	1	5	19.80	19.97	19.70	20.8	0
1.4	QPSK	3	0	19.76	19.95	19.70		
1.4	QPSK	3	1	19.85	19.92	19.87		
1.4	QPSK	3	3	19.72	19.80	19.86		
1.4	QPSK	6	0	19.64	19.82	19.79	20.8	0
1.4	16QAM	1	0	19.85	19.87	19.74		
1.4	16QAM	1	3	19.80	19.65	19.86		
1.4	16QAM	1	5	19.68	19.64	19.66	20.8	0
1.4	16QAM	3	0	19.72	19.98	19.77		
1.4	16QAM	3	1	19.58	19.74	19.76		
1.4	16QAM	3	3	19.76	19.80	19.91		
1.4	16QAM	6	0	19.67	19.71	19.79	20.8	0
1.4	64QAM	1	0	19.71	20.05	19.85		
1.4	64QAM	1	3	19.80	19.76	19.87		
1.4	64QAM	1	5	19.57	19.73	19.81	20.8	0
1.4	64QAM	3	0	19.72	19.81	19.87		
1.4	64QAM	3	1	19.79	19.84	19.99		
1.4	64QAM	3	3	19.79	19.82	20.02		
1.4	64QAM	6	0	20.06	19.76	19.62	20.8	0
1.4	256QAM	1	0	19.02	19.19	19.32		
1.4	256QAM	1	3	19.38	19.47	19.24		
1.4	256QAM	1	5	19.26	19.28	19.10	20.3	0.5
1.4	256QAM	3	0	19.25	19.33	18.99		
1.4	256QAM	3	1	18.95	18.91	19.12		
1.4	256QAM	3	3	18.83	19.08	19.14		
1.4	256QAM	6	0	19.52	19.14	19.31	20.3	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.48	20.70	20.66	21.8	0
20	QPSK	1	49	20.40	20.38	20.45		
20	QPSK	1	99	20.34	20.53	20.34		
20	QPSK	50	0	20.24	20.66	20.62		
20	QPSK	50	24	20.37	20.46	20.41		
20	QPSK	50	50	20.57	20.41	20.48		
20	QPSK	100	0	20.37	20.60	20.50		
20	16QAM	1	0	20.33	20.61	20.50		
20	16QAM	1	49	20.33	20.21	20.41	21.8	0
20	16QAM	1	99	20.17	20.38	20.18		
20	16QAM	50	0	20.22	20.58	20.59		
20	16QAM	50	24	20.34	20.34	20.23	21.8	0
20	16QAM	50	50	20.41	20.33	20.37		
20	16QAM	100	0	20.24	20.49	20.42		
20	64QAM	1	0	20.44	20.64	20.53		
20	64QAM	1	49	20.27	20.32	20.36	21.8	0
20	64QAM	1	99	20.23	20.41	20.16		
20	64QAM	50	0	20.10	20.59	20.60		
20	64QAM	50	24	20.29	20.28	20.27	21.8	0
20	64QAM	50	50	20.56	20.38	20.39		
20	64QAM	100	0	20.20	20.48	20.33		
20	256QAM	1	0	18.43	18.47	18.67		
20	256QAM	1	49	18.58	18.67	18.60	19.8	2
20	256QAM	1	99	18.56	18.61	18.62		
20	256QAM	50	0	18.53	18.67	18.58		
20	256QAM	50	24	18.44	18.67	18.45	19.8	2
20	256QAM	50	50	18.47	18.53	18.50		
20	256QAM	100	0	18.44	18.71	18.49		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.32	20.68	20.60	21.8	0
15	QPSK	1	37	20.35	20.29	20.34		
15	QPSK	1	74	20.18	20.35	20.22		
15	QPSK	36	0	20.16	20.52	20.57		
15	QPSK	36	20	20.30	20.38	20.27		
15	QPSK	36	39	20.55	20.27	20.46		
15	QPSK	75	0	20.21	20.45	20.34		
15	16QAM	1	0	20.24	20.49	20.44		
15	16QAM	1	37	20.27	20.06	20.24	21.8	0
15	16QAM	1	74	20.08	20.25	20.03		
15	16QAM	36	0	20.05	20.40	20.46		
15	16QAM	36	20	20.24	20.22	20.12	21.8	0
15	16QAM	36	39	20.32	20.24	20.36		
15	16QAM	75	0	20.09	20.43	20.23		
15	64QAM	1	0	20.30	20.48	20.34		
15	64QAM	1	37	20.20	20.19	20.18	21.8	0
15	64QAM	1	74	20.04	20.34	19.98		
15	64QAM	36	0	20.41	20.51	20.57		
15	64QAM	36	20	20.12	20.22	20.22	21.8	0
15	64QAM	36	39	20.43	20.29	20.31		
15	64QAM	75	0	20.09	20.42	20.22		
15	256QAM	1	0	18.42	18.46	18.57		
15	256QAM	1	37	18.37	18.51	18.60	19.8	2
15	256QAM	1	74	18.39	18.59	18.42		
15	256QAM	36	0	18.52	18.64	18.39		
15	256QAM	36	20	18.23	18.54	18.35	19.8	2
15	256QAM	36	39	18.47	18.40	18.35		
15	256QAM	75	0	18.24	18.53	18.27		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.42	20.54	20.52	21.8	0
10	QPSK	1	25	20.30	20.24	20.29		
10	QPSK	1	49	20.32	20.43	20.18		
10	QPSK	25	0	20.22	20.52	20.45		
10	QPSK	25	12	20.18	20.29	20.22		
10	QPSK	25	25	20.54	20.25	20.40		
10	QPSK	50	0	20.28	20.53	20.37		
10	16QAM	1	0	20.17	20.52	20.35		
10	16QAM	1	25	20.19	20.17	20.36	21.8	0
10	16QAM	1	49	20.13	20.34	20.13		
10	16QAM	25	0	20.17	20.52	20.55		
10	16QAM	25	12	20.22	20.23	20.14	21.8	0
10	16QAM	25	25	20.32	20.18	20.32		
10	16QAM	50	0	20.22	20.37	20.34		
10	64QAM	1	0	20.32	20.49	20.42		
10	64QAM	1	25	20.17	20.14	20.32	21.8	0
10	64QAM	1	49	20.09	20.38	20.04		
10	64QAM	25	0	20.49	20.55	20.43		
10	64QAM	25	12	20.52	20.51	20.42	21.8	0
10	64QAM	25	25	20.53	20.56	20.30		
10	64QAM	50	0	20.42	20.34	20.26		
10	256QAM	1	0	18.24	18.31	18.69		
10	256QAM	1	25	18.38	18.50	18.56	19.8	2
10	256QAM	1	49	18.36	18.48	18.49		
10	256QAM	25	0	18.38	18.63	18.57		
10	256QAM	25	12	18.28	18.49	18.44	19.8	2
10	256QAM	25	25	18.29	18.37	18.52		
10	256QAM	50	0	18.22	18.65	18.43		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.48	20.52	20.57	21.8	0
5	QPSK	1	12	20.34	20.32	20.34		
5	QPSK	1	24	20.28	20.38	20.19		
5	QPSK	12	0	20.22	20.58	20.46		
5	QPSK	12	7	20.27	20.32	20.23	21.8	0
5	QPSK	12	13	20.49	20.26	20.37		
5	QPSK	25	0	20.30	20.48	20.35		
5	16QAM	1	0	20.44	20.56	20.44		
5	16QAM	1	12	20.24	20.16	20.33	21.8	0
5	16QAM	1	24	20.48	20.35	20.40		
5	16QAM	12	0	20.11	20.40	20.49		
5	16QAM	12	7	20.22	20.26	20.19	21.8	0
5	16QAM	12	13	20.32	20.24	20.32		
5	16QAM	25	0	20.10	20.45	20.30		
5	64QAM	1	0	20.43	20.46	20.34		
5	64QAM	1	12	20.14	20.17	20.21	21.8	0
5	64QAM	1	24	20.07	20.37	20.06		
5	64QAM	12	0	20.05	20.44	20.41		
5	64QAM	12	7	20.23	20.17	20.24	21.8	0
5	64QAM	12	13	20.47	20.28	20.24		
5	64QAM	25	0	20.12	20.31	20.23		
5	256QAM	1	0	18.40	18.48	18.64		
5	256QAM	1	12	18.40	18.57	18.45	19.8	2
5	256QAM	1	24	18.41	18.63	18.59		
5	256QAM	12	0	18.45	18.68	18.59		
5	256QAM	12	7	18.38	18.48	18.42	19.8	2
5	256QAM	12	13	18.47	18.51	18.44		
5	256QAM	25	0	18.31	18.56	18.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.16	20.30	20.49	20.19	20.29	21.8	0
20	QPSK	1	49	20.02	20.40	20.29	19.99	20.10		
20	QPSK	1	99	20.08	20.35	20.43	20.12	20.08		
20	QPSK	50	0	20.20	20.26	20.36	20.10	20.13		
20	QPSK	50	24	20.04	20.25	20.33	20.16	20.28		
20	QPSK	50	50	20.18	20.28	20.32	20.28	20.07		
20	QPSK	100	0	20.21	20.24	20.31	20.24	20.18		
20	16QAM	1	0	20.05	20.27	20.37	20.07	20.28		
20	16QAM	1	49	20.00	20.35	20.22	20.10	20.30	21.8	0
20	16QAM	1	99	20.30	20.24	20.41	20.05	20.00		
20	16QAM	50	0	20.03	20.10	20.23	20.03	20.05		
20	16QAM	50	24	19.85	20.22	20.22	20.06	20.24	21.8	0
20	16QAM	50	50	20.04	20.18	20.25	20.24	19.91		
20	16QAM	100	0	20.15	20.18	20.19	20.13	20.09		
20	64QAM	1	0	20.02	20.26	20.37	20.02	20.26		
20	64QAM	1	49	19.88	20.30	20.24	19.88	20.05	21.8	0
20	64QAM	1	99	19.99	20.31	20.34	20.04	20.02		
20	64QAM	50	0	20.16	20.11	20.29	20.09	19.97		
20	64QAM	50	24	19.87	20.15	20.23	20.02	20.22	21.8	0
20	64QAM	50	50	20.02	20.22	20.18	20.10	20.01		
20	64QAM	100	0	20.13	20.10	20.18	20.14	20.14		
20	256QAM	1	0	18.26	18.44	18.42	18.16	18.22		
20	256QAM	1	49	18.17	18.39	18.41	18.34	18.29	19.8	2
20	256QAM	1	99	18.29	18.45	18.33	18.31	18.21		
20	256QAM	50	0	18.26	18.41	18.50	18.21	18.32		
20	256QAM	50	24	18.20	18.27	18.36	18.28	18.24	19.8	2
20	256QAM	50	50	18.18	18.31	18.46	18.21	18.10		
20	256QAM	100	0	18.29	18.32	18.43	18.28	18.28		
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	20.02	20.16	20.44	20.02	20.24	22	0
15	QPSK	1	37	20.10	20.37	20.26	20.10	20.01		
15	QPSK	1	74	20.10	20.31	20.31	20.10	20.00		
15	QPSK	36	0	20.16	20.08	20.30	20.02	20.09		
15	QPSK	36	20	19.94	20.15	20.17	20.01	20.14	21.8	0
15	QPSK	36	39	20.02	20.14	20.22	20.24	19.89		
15	QPSK	75	0	20.19	20.19	20.28	20.16	20.05		
15	16QAM	1	0	20.02	20.22	20.34	19.91	20.24		
15	16QAM	1	37	19.84	20.30	20.18	20.03	20.12	21.8	0
15	16QAM	1	74	20.20	20.07	20.30	19.98	19.88		
15	16QAM	36	0	19.85	20.00	20.06	19.97	19.90		
15	16QAM	36	20	19.84	20.05	20.17	20.04	20.07	21.8	0
15	16QAM	36	39	19.88	20.01	20.24	20.22	19.80		
15	16QAM	75	0	20.10	20.10	19.97	19.97	19.97		
15	64QAM	1	0	19.89	20.17	20.21	19.95	20.18		
15	64QAM	1	37	20.10	20.22	20.23	19.80	20.01	21.8	0
15	64QAM	1	74	19.92	20.13	20.24	20.00	19.88		
15	64QAM	36	0	20.00	20.06	20.21	20.00	19.91		
15	64QAM	36	20	20.30	20.07	20.08	20.00	20.08	21.8	0
15	64QAM	36	39	19.96	20.04	20.00	19.93	19.93		
15	64QAM	75	0	20.06	20.04	20.01	20.03	20.11		
15	256QAM	1	0	18.24	18.39	18.29	17.95	18.13		
15	256QAM	1	37	17.99	18.35	18.39	18.18	18.29	19.8	2
15	256QAM	1	74	18.23	18.32	18.33	18.21	18.18		
15	256QAM	36	0	18.25	18.41	18.31	18.04	18.16		
15	256QAM	36	20	17.99	18.26	18.14	18.24	18.25	19.8	2
15	256QAM	36	39	17.98	18.26	18.46	18.13	18.07		
15	256QAM	75	0	18.19	18.21	18.30	18.16	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	20.13	20.27	20.37	20.06	20.10	22	0
10	QPSK	1	25	19.92	20.35	20.17	19.95	19.94		
10	QPSK	1	49	20.05	20.20	20.40	19.95	19.94		
10	QPSK	25	0	20.09	20.17	20.30	20.02	19.99		
10	QPSK	25	12	19.94	20.14	20.16	20.07	20.25	21.8	0
10	QPSK	25	25	20.06	20.26	20.27	20.25	19.89		
10	QPSK	50	0	20.06	20.06	20.16	20.17	20.15		
10	16QAM	1	0	19.97	20.10	20.20	19.90	20.14		
10	16QAM	1	25	19.83	20.31	20.12	19.94	20.23	21.8	0
10	16QAM	1	49	20.16	20.18	20.26	19.88	19.81		
10	16QAM	25	0	19.99	19.96	20.13	19.89	19.97		
10	16QAM	25	12	20.00	20.14	20.19	19.90	20.09	21.8	0
10	16QAM	25	25	20.00	20.14	20.14	20.12	20.10		
10	16QAM	50	0	20.04	20.07	20.10	19.98	19.99		
10	64QAM	1	0	19.92	20.08	20.27	19.97	20.13		
10	64QAM	1	25	19.85	20.15	20.19	20.10	20.00	21.8	0
10	64QAM	1	49	19.84	20.25	20.20	19.89	19.97		
10	64QAM	25	0	19.98	20.04	20.14	19.95	19.81		
10	64QAM	25	12	20.00	20.13	20.22	20.00	20.04	21.8	0
10	64QAM	25	25	19.88	20.08	20.09	19.91	19.82		
10	64QAM	50	0	20.08	20.00	20.13	20.00	19.98		
10	256QAM	1	0	18.12	18.41	18.25	18.18	18.21		
10	256QAM	1	25	18.16	18.18	18.27	18.32	18.28	19.8	2
10	256QAM	1	49	18.12	18.47	18.21	18.15	18.09		
10	256QAM	25	0	18.23	18.25	18.38	18.01	18.17		
10	256QAM	25	12	18.11	18.09	18.34	18.19	18.26	19.8	2
10	256QAM	25	25	18.11	18.33	18.14	18.17	18.06		
10	256QAM	50	0	18.13	18.30	18.36	18.22	18.19		
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	20.10	20.14	20.46	20.10	20.14	22	0
5	QPSK	1	12	20.00	20.31	20.11	20.10	20.03		
5	QPSK	1	24	20.01	20.25	20.34	19.98	20.05		
5	QPSK	12	0	20.02	20.25	20.21	20.07	20.12		
5	QPSK	12	7	19.96	20.19	20.26	20.05	20.12	21.8	0
5	QPSK	12	13	20.14	20.15	20.17	20.26	20.04		
5	QPSK	25	0	20.08	20.21	20.18	20.13	20.02		
5	16QAM	1	0	19.93	20.22	20.34	19.96	20.23		
5	16QAM	1	12	20.00	20.19	20.08	19.97	20.29	21.8	0
5	16QAM	1	24	20.23	20.12	20.25	19.92	19.85		
5	16QAM	12	0	19.86	20.03	20.09	19.86	19.97		
5	16QAM	12	7	20.10	20.12	20.03	19.96	20.21	21.8	0
5	16QAM	12	13	20.03	20.00	20.13	20.06	19.80		
5	16QAM	25	0	20.04	20.01	20.07	20.03	19.99		
5	64QAM	1	0	19.94	20.19	20.32	19.85	20.13		
5	64QAM	1	12	20.10	20.24	20.22	19.85	19.92	21.8	0
5	64QAM	1	24	19.97	20.17	20.31	19.88	19.98		
5	64QAM	12	0	20.04	19.97	20.16	20.04	19.89		
5	64QAM	12	7	19.81	19.98	19.92	20.04	20.04	21.8	0
5	64QAM	12	13	19.99	20.11	20.16	19.94	19.89		
5	64QAM	25	0	19.95	20.05	20.14	20.05	19.98		
5	256QAM	1	0	18.28	18.27	18.25	18.06	18.07		
5	256QAM	1	12	18.18	18.19	18.26	18.30	18.12	19.8	2
5	256QAM	1	24	18.08	18.47	18.26	18.26	18.01		
5	256QAM	12	0	18.10	18.25	18.44	18.20	18.15		
5	256QAM	12	7	18.10	18.21	18.34	18.22	18.13	19.8	2
5	256QAM	12	13	18.15	18.17	18.43	18.01	18.16		
5	256QAM	25	0	18.15	18.23	18.44	18.18	18.22		

Band 41 HPUE Ant3 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.28	22.22	22.32	22.10	22.27	23.4	0
20	QPSK	1	49	22.05	21.86	22.15	22.07	22.19		
20	QPSK	1	99	22.20	22.08	21.94	22.05	22.16		
20	QPSK	50	0	22.01	22.19	22.23	22.07	22.13		
20	QPSK	50	24	22.16	22.18	22.10	22.07	22.06		
20	QPSK	50	50	22.11	22.12	22.12	22.09	22.14		
20	QPSK	100	0	21.93	22.06	22.17	22.13	22.14		
20	16QAM	1	0	22.18	22.12	22.27	22.08	22.24		
20	16QAM	1	49	21.87	21.83	22.14	21.90	22.06	23.4	0
20	16QAM	1	99	22.19	21.97	21.93	21.94	22.10		
20	16QAM	50	0	22.00	22.17	22.12	21.91	22.10		
20	16QAM	50	24	22.03	22.01	22.04	22.00	21.88	23.4	0
20	16QAM	50	50	22.00	22.00	22.06	22.05	21.95		
20	16QAM	100	0	21.75	21.98	22.01	22.02	21.96		
20	64QAM	1	0	22.10	22.18	22.19	22.08	22.22		
20	64QAM	1	49	21.91	21.72	22.01	21.90	22.11	23.4	0
20	64QAM	1	99	22.06	22.04	21.77	21.98	22.12		
20	64QAM	50	0	21.94	22.06	22.07	21.98	22.10		
20	64QAM	50	24	22.05	22.10	22.07	21.92	21.96	23.4	0
20	64QAM	50	50	22.07	22.02	22.09	22.02	22.04		
20	64QAM	100	0	21.82	21.92	22.13	21.98	21.99		
20	256QAM	1	0	22.25	22.19	22.14	22.01	22.09		
20	256QAM	1	49	21.96	21.82	21.97	22.00	22.14	23.4	0
20	256QAM	1	99	22.15	21.98	21.84	21.90	22.14		
20	256QAM	50	0	21.83	22.04	22.09	22.02	22.09		
20	256QAM	50	24	22.00	22.04	22.05	21.89	21.90	23.4	0
20	256QAM	50	50	22.10	22.00	22.04	21.92	22.04		
20	256QAM	100	0	21.76	21.92	22.11	22.09	22.09		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.20	22.12	22.20	21.93	22.16	23	0
15	QPSK	1	37	21.96	21.75	22.00	22.01	22.17		
15	QPSK	1	74	22.12	22.01	21.91	21.98	22.04		
15	QPSK	36	0	21.94	22.13	22.08	21.89	22.05		
15	QPSK	36	20	22.00	22.02	22.00	21.94	21.89	23.4	0
15	QPSK	36	39	21.98	22.05	22.04	21.97	22.11		
15	QPSK	75	0	21.86	21.92	22.05	22.09	21.99		
15	16QAM	1	0	22.10	21.98	22.15	22.04	22.05		
15	16QAM	1	37	21.82	21.78	22.07	21.74	21.96	23.4	0
15	16QAM	1	74	22.05	21.80	21.86	21.85	22.03		
15	16QAM	36	0	21.94	22.14	21.94	21.80	21.99		
15	16QAM	36	20	22.01	21.91	21.94	21.93	21.72	23.4	0
15	16QAM	36	39	21.98	21.92	21.88	22.01	21.86		
15	16QAM	75	0	21.57	21.97	21.96	21.84	21.91		
15	64QAM	1	0	22.05	22.12	22.12	21.94	22.18		
15	64QAM	1	37	21.89	21.96	21.99	21.84	22.09	23.4	0
15	64QAM	1	74	21.94	21.89	22.01	22.01	22.02		
15	64QAM	36	0	21.81	21.91	21.97	21.93	22.08		
15	64QAM	36	20	21.91	22.08	21.90	21.84	21.90	23.4	0
15	64QAM	36	39	21.93	21.84	22.00	21.88	21.90		
15	64QAM	75	0	21.80	21.79	22.02	21.96	21.98		
15	256QAM	1	0	22.11	22.06	22.09	21.86	22.01	23.4	0
15	256QAM	1	37	21.88	21.70	21.88	21.99	22.01		
15	256QAM	1	74	21.97	21.86	21.65	21.84	22.03		
15	256QAM	36	0	21.76	21.93	21.90	22.00	22.03	23.4	0
15	256QAM	36	20	21.93	22.01	21.88	21.85	21.80		
15	256QAM	36	39	22.04	21.95	21.93	21.85	21.93		
15	256QAM	75	0	21.75	21.75	22.08	22.02	22.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.19	22.14	22.19	22.07	22.25	23	0
10	QPSK	1	25	21.88	21.84	22.08	22.00	22.16		
10	QPSK	1	49	22.14	21.98	21.75	22.01	22.05		
10	QPSK	25	0	21.94	22.13	22.02	22.01	22.01		
10	QPSK	25	12	22.06	22.07	22.05	21.95	21.90	23.4	0
10	QPSK	25	25	22.08	21.95	22.00	22.03	22.03		
10	QPSK	50	0	21.86	22.01	22.03	22.03	22.04		
10	16QAM	1	0	22.10	21.99	22.21	21.90	22.05		
10	16QAM	1	25	21.96	22.06	21.96	21.81	21.88	23.4	0
10	16QAM	1	49	22.05	21.94	21.89	21.80	22.06		
10	16QAM	25	0	21.98	22.07	22.11	21.73	21.96		
10	16QAM	25	12	21.96	21.98	21.86	21.93	21.78	23.4	0
10	16QAM	25	25	21.81	21.90	21.89	21.94	21.81		
10	16QAM	50	0	21.63	21.81	21.88	21.91	21.83		
10	64QAM	1	0	22.05	22.01	22.12	22.06	22.10		
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Band 42 FCC Part27Q Ant3 DSI3 Simultaneous

BW [MHz]	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	19.11	19.27	19.06	20.2	0
20	QPSK	1	49	19.11	19.11	19.05		
20	QPSK	1	99	18.81	18.92	18.93		
20	QPSK	50	0	19.11	19.25	19.06	20.2	0
20	QPSK	50	24	19.16	19.16	18.97		
20	QPSK	50	50	19.08	19.02	19.03		
20	QPSK	100	0	19.01	19.13	18.99		
20	16QAM	1	0	19.05	19.12	18.90	20.2	0
20	16QAM	1	49	18.95	18.93	18.96		
20	16QAM	1	99	18.68	18.85	18.80		
20	16QAM	50	0	19.00	19.22	19.01	20.2	0
20	16QAM	50	24	18.91	19.13	18.92		
20	16QAM	50	50	19.01	18.96	18.96		
20	16QAM	100	0	18.97	18.95	18.90		
20	64QAM	1	0	19.08	19.17	18.95	20.2	0
20	64QAM	1	49	18.98	18.99	18.88		
20	64QAM	1	99	18.75	18.83	18.84		
20	64QAM	50	0	19.06	19.13	19.05	20.2	0
20	64QAM	50	24	18.78	19.10	18.90		
20	64QAM	50	50	18.89	18.86	18.95		
20	64QAM	100	0	18.85	18.95	18.81		
20	256QAM	1	0	18.66	18.75	18.45	19.7	0.5
20	256QAM	1	49	18.57	18.59	18.43		
20	256QAM	1	99	18.62	18.68	18.56		
20	256QAM	50	0	18.66	18.56	18.52	19.7	0.5
20	256QAM	50	24	18.51	18.78	18.53		
20	256QAM	50	50	18.56	18.66	18.66		
20	256QAM	100	0	18.45	18.70	18.54		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.99	19.11	18.88	20.2	0
15	QPSK	1	37	19.07	18.94	18.87		
15	QPSK	1	74	18.79	18.81	18.89		
15	QPSK	36	0	19.00	19.13	18.94	20.2	0
15	QPSK	36	20	18.77	19.03	18.92		
15	QPSK	36	39	19.05	18.96	18.95		
15	QPSK	75	0	18.87	19.02	18.92		
15	16QAM	1	0	18.97	19.07	18.86	20.2	0
15	16QAM	1	37	18.77	18.88	18.94		
15	16QAM	1	74	18.65	18.83	18.65		
15	16QAM	36	0	18.92	19.14	18.91	20.2	0
15	16QAM	36	20	18.74	18.99	18.85		
15	16QAM	36	39	18.99	18.92	18.78		
15	16QAM	75	0	18.84	18.90	18.81		
15	64QAM	1	0	19.01	19.00	18.80	20.2	0
15	64QAM	1	37	18.95	18.84	18.87		
15	64QAM	1	74	18.67	18.75	18.69		
15	64QAM	36	0	18.97	19.09	18.90	20.2	0
15	64QAM	36	20	18.67	18.98	18.84		
15	64QAM	36	39	18.81	18.68	18.80		
15	64QAM	75	0	18.84	18.93	18.64		
15	256QAM	1	0	18.56	18.58	18.29	19.7	0.5
15	256QAM	1	37	18.56	18.54	18.38		
15	256QAM	1	74	18.55	18.69	18.52		
15	256QAM	36	0	18.63	18.45	18.44	19.7	0.5
15	256QAM	36	20	18.33	18.72	18.43		
15	256QAM	36	39	18.46	18.60	18.55		
15	256QAM	75	0	18.31	18.52	18.53		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.06	19.24	18.98	20.2	0
10	QPSK	1	25	19.02	19.00	19.02		
10	QPSK	1	49	18.78	18.80	18.92		
10	QPSK	25	0	18.97	19.17	18.97	20.2	0
10	QPSK	25	12	18.86	19.07	18.79		
10	QPSK	25	25	19.06	18.86	18.93		
10	QPSK	50	0	18.82	19.10	18.83		
10	16QAM	1	0	18.93	19.03	18.79	20.2	0
10	16QAM	1	25	18.85	18.79	18.83		
10	16QAM	1	49	18.55	18.77	18.76		
10	16QAM	25	0	18.84	19.04	18.95	20.2	0
10	16QAM	25	12	18.86	18.96	18.85		
10	16QAM	25	25	18.83	18.84	18.89		
10	16QAM	50	0	18.80	18.77	18.84		
10	64QAM	1	0	18.96	19.07	18.89	20.2	0
10	64QAM	1	25	18.96	18.87	18.86		
10	64QAM	1	49	18.64	18.65	18.79		
10	64QAM	25	0	18.99	19.04	18.88	20.2	0
10	64QAM	25	12	18.76	19.00	18.75		
10	64QAM	25	25	18.87	18.71	18.92		
10	64QAM	50	0	18.82	18.85	18.78		
10	256QAM	1	0	18.52	18.57	18.42	19.7	0.5
10	256QAM	1	25	18.39	18.37	18.25		
10	256QAM	1	49	18.62	18.49	18.51		
10	256QAM	25	0	18.48	18.53	18.44	19.7	0.5
10	256QAM	25	12	18.46	18.72	18.53		
10	256QAM	25	25	18.47	18.54	18.59		
10	256QAM	50	0	18.25	18.55	18.48		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.94	19.18	18.89	20.2	0
5	QPSK	1	12	19.00	18.99	19.03		
5	QPSK	1	24	18.79	18.86	18.86		
5	QPSK	12	0	19.00	19.19	19.02	20.2	0
5	QPSK	12	7	18.90	18.97	18.87		
5	QPSK	12	13	18.91	18.86	19.01		
5	QPSK	25	0	18.96	19.04	18.95		
5	16QAM	1	0	18.88	18.98	18.80	20.2	0
5	16QAM	1	12	18.83	18.88	18.79		
5	16QAM	1	24	18.62	18.74	18.71		
5	16QAM	12	0	18.94	19.03	18.90	20.2	0
5	16QAM	12	7	18.88	18.99	18.77		
5	16QAM	12	13	18.86	18.83	18.83		
5	16QAM	25	0	18.80	18.80	18.83		
5	64QAM	1	0	19.04	19.01	18.82	20.2	0
5	64QAM	1	12	18.91	18.97	18.79		
5	64QAM	1	24	18.67	18.75	18.66		
5	64QAM	12	0	18.89	19.07	18.87	20.2	0
5	64QAM	12	7	18.60	18.93	18.78		
5	64QAM	12	13	18.83	18.83	18.80		
5	64QAM	25	0	18.70	18.85	18.64		
5	256QAM	1	0	18.54	18.59	18.35	19.7	0.5
5	256QAM	1	12	18.35	18.57	18.22		
5	256QAM	1	24	18.58	18.64	18.56		
5	256QAM	12	0	18.55	18.42	18.49	19.7	0.5
5	256QAM	12	7	18.34	18.73	18.49		
5	256QAM	12	13	18.38	18.61	18.48		
5	256QAM	25	0	18.35	18.54	18.46		

Band 43_FCC Ant3 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	18.03	18.20	17.96	19.8	0
20	QPSK	1	49	17.87	18.01	17.84		
20	QPSK	1	99	17.96	18.04	18.06		
20	QPSK	50	0	18.13	18.16	18.07	19.8	0
20	QPSK	50	24	18.10	18.05	17.80		
20	QPSK	50	50	17.89	18.10	18.07		
20	QPSK	100	0	17.81	18.10	17.93		
20	16QAM	1	0	17.97	18.05	17.82	19.8	0
20	16QAM	1	49	18.00	17.96	18.03		
20	16QAM	1	99	17.86	17.88	18.01		
20	16QAM	50	0	18.02	18.00	17.92	19.8	0
20	16QAM	50	24	18.01	17.97	17.99		
20	16QAM	50	50	17.83	18.02	18.00		
20	16QAM	100	0	18.04	18.00	17.90		
20	64QAM	1	0	17.94	18.05	17.82	19.8	0
20	64QAM	1	49	17.80	17.99	17.98		
20	64QAM	1	99	17.81	17.95	17.89		
20	64QAM	50	0	18.04	18.04	18.05	19.8	0
20	64QAM	50	24	18.05	17.98	17.92		
20	64QAM	50	50	17.91	18.08	18.05		
20	64QAM	100	0	17.91	17.93	17.94		
20	256QAM	1	0	17.85	18.08	17.84	19.8	0
20	256QAM	1	49	17.84	17.91	18.00		
20	256QAM	1	99	17.92	17.99	17.94		
20	256QAM	50	0	18.09	17.99	18.00	19.8	0
20	256QAM	50	24	17.96	17.88	18.01		
20	256QAM	50	50	17.93	18.05	17.88		
20	256QAM	100	0	17.95	18.08	17.86		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	17.89	18.10	17.91	19.8	0
15	QPSK	1	37	17.86	17.90	18.02		
15	QPSK	1	74	17.94	17.91	18.03		
15	QPSK	36	0	18.02	18.11	18.02	19.8	0
15	QPSK	36	20	17.99	18.02	18.01		
15	QPSK	36	39	18.03	18.08	17.94		
15	QPSK	75	0	18.01	18.08	17.87		
15	16QAM	1	0	17.97	18.01	17.87	19.8	0
15	16QAM	1	37	17.87	17.87	17.89		
15	16QAM	1	74	17.84	17.87	17.94		
15	16QAM	36	0	18.00	17.98	17.94	19.8	0
15	16QAM	36	20	17.96	17.86	17.94		
15	16QAM	36	39	17.89	17.91	17.98		
15	16QAM	75	0	17.94	17.93	17.89		
15	64QAM	1	0	17.84	18.01	17.80	19.8	0
15	64QAM	1	37	17.96	17.88	17.92		
15	64QAM	1	74	18.00	17.92	17.99		
15	64QAM	36	0	17.86	17.86	18.04	19.8	0
15	64QAM	36	20	17.94	17.88	17.92		
15	64QAM	36	39	18.00	18.04	18.02		
15	64QAM	75	0	17.89	17.91	17.98		
15	256QAM	1	0	18.01	18.04	18.01	19.8	0
15	256QAM	1	37	17.89	18.00	17.89		
15	256QAM	1	74	17.80	17.94	17.83		
15	256QAM	36	0	17.96	17.89	17.83	19.8	0
15	256QAM	36	20	17.83	17.86	17.87		
15	256QAM	36	39	18.04	17.87	17.90		
15	256QAM	75	0	17.88	17.97	17.88		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	17.91	18.03	17.93	19.8	0
10	QPSK	1	25	17.96	17.82	17.96		
10	QPSK	1	49	17.90	17.98	18.03		
10	QPSK	25	0	18.10	18.13	17.99	19.8	0
10	QPSK	25	12	18.00	17.95	17.93		
10	QPSK	25	25	17.99	17.99	18.05		
10	QPSK	50	0	17.96	17.93	17.80		
10	16QAM	1	0	18.00	17.94	17.93	19.8	0
10	16QAM	1	25	17.96	17.90	17.88		
10	16QAM	1	49	17.99	17.83	17.92		
10	16QAM	25	0	17.93	17.85	18.02	19.8	0
10	16QAM	25	12	17.92	17.87	17.97		
10	16QAM	25	25	18.02	17.92	17.97		
10	16QAM	50	0	18.03	17.84	17.85		
10	64QAM	1	0	17.88	17.95	18.03	19.8	0
10	64QAM	1	25	17.87	17.97	17.90		
10	64QAM	1	49	18.02	17.90	17.83		
10	64QAM	25	0	17.91	18.00	18.01	19.8	0
10	64QAM	25	12	17.93	17.85	18.02		
10	64QAM	25	25	17.86	17.97	18.01		
10	64QAM	50	0	17.88	17.81	17.95		
10	256QAM	1	0	17.94	18.00	17.80	19.8	0
10	256QAM	1	25	17.85	17.88	17.89		
10	256QAM	1	49	18.02	17.88	17.86		
10	256QAM	25	0	17.99	17.97	17.86	19.8	0
10	256QAM	25	12	17.87	17.88	17.97		
10	256QAM	25	25	18.02	18.02	18.02		
10	256QAM	50	0	17.89	17.95	17.95		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	17.94	18.01	17.86	19.8	0
5	QPSK	1	12	17.83	17.84	17.86		
5	QPSK	1	24	17.89	17.93	17.90		
5	QPSK	12	0	17.98	18.11	18.02	19.8	0
5	QPSK	12	7	18.01	17.96	17.97		
5	QPSK	12	13	17.99	17.99	17.97		
5	QPSK	25	0	17.90	18.08	17.97	19.8	0
5	16QAM	1	0	17.95	18.03	18.00		
5	16QAM	1	12	18.02	17.83	17.91		
5	16QAM	1	24	17.84	17.95	18.03		
5	16QAM	12	0	17.98	17.95	17.98	19.8	0
5	16QAM	12	7	17.86	17.83	17.93		
5	16QAM	12	13	18.03	17.96	17.81		
5	16QAM	25	0	17.89	17.98	17.94	19.8	0
5	64QAM	1	0	17.82	17.92	17.98		
5	64QAM	1	12	17.96	17.95	18.03		
5	64QAM	1	24	17.93	17.87	17.98		
5	64QAM	12	0	18.00	17.85	17.91	19.8	0
5	64QAM	12	7	18.03	17.82	17.87		
5	64QAM	12	13	17.98	17.91	17.90		
5	64QAM	25	0	17.97	17.81	17.99	19.8	0
5	256QAM	1	0	17.97	17.90	18.01		
5	256QAM	1	12	17.80	17.99	17.88		
5	256QAM	1	24	17.93	17.95	17.88		
5	256QAM	12	0	18.01	17.94	17.96	19.8	0
5	256QAM	12	7	17.89	17.80	17.92		
5	256QAM	12	13	17.94	17.88	17.89		
5	256QAM	25	0	17.88	17.99	17.89		

Band 48_FCC Ant3 DSI3 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.61	18.85	18.59	18.50	19.8	0
20	QPSK	1	49	18.59	18.47	18.58	18.60		
20	QPSK	1	99	18.47	18.25	18.45	18.34		
20	QPSK	50	0	18.60	18.62	18.32	18.35	19.8	0
20	QPSK	50	24	18.47	18.36	18.60	18.58		
20	QPSK	50	50	18.39	18.38	18.39	18.34		
20	QPSK	100	0	18.36	18.54	18.34	18.44		
20	16QAM	1	0	18.53	18.49	18.48	18.33	19.8	0
20	16QAM	1	49	18.49	18.46	18.48	18.46		
20	16QAM	1	99	18.43	18.06	18.28	18.26		
20	16QAM	50	0	18.52	18.57	18.24	18.26	19.8	0
20	16QAM	50	24	18.31	18.30	18.49	18.44		
20	16QAM	50	50	18.35	18.27	18.30	18.16		
20	16QAM	100	0	18.17	18.37	18.23	18.35		
20	64QAM	1	0	18.59	18.52	18.44	18.49	19.8	0
20	64QAM	1	49	18.44	18.35	18.40	18.44		
20	64QAM	1	99	18.32	18.11	18.29	18.25		
20	64QAM	50	0	18.58	18.57	18.22	18.24	19.8	0
20	64QAM	50	24	18.43	18.25	18.46	18.45		
20	64QAM	50	50	18.22	18.33	18.30	18.22		
20	64QAM	100	0	18.24	18.40	18.24	18.39		
20	256QAM	1	0	18.57	18.49	18.44	18.44	19.8	0
20	256QAM	1	49	18.50	18.39	18.39	18.45		
20	256QAM	1	99	18.40	18.08	18.34	18.28		
20	256QAM	50	0	18.53	18.61	18.22	18.17	19.8	0
20	256QAM	50	24	18.31	18.28	18.42	18.41		
20	256QAM	50	50	18.28	18.36	18.36	18.20		
20	256QAM	100	0	18.30	18.50	18.31	18.28		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.57	18.52	18.57	18.38	19.8	0
15	QPSK	1	37	18.40	18.39	18.48	18.53		
15	QPSK	1	74	18.34	18.15	18.43	18.29		
15	QPSK	36	0	18.47	18.54	18.13	18.17	19.8	0
15	QPSK	36	20	18.30	18.26	18.45	18.43		
15	QPSK	36	39	18.31	18.29	18.23	18.31		
15	QPSK	75	0	18.18	18.44	18.28	18.42		
15	16QAM	1	0	18.38	18.30	18.31	18.18	19.8	0
15	16QAM	1	37	18.43	18.43	18.43	18.37		
15	16QAM	1	74	18.36	17.93	18.21	18.18		
15	16QAM	36	0	18.38	18.56	18.18	18.10	19.8	0
15	16QAM	36	20	18.17	18.15	18.39	18.29		
15	16QAM	36	39	18.20	18.22	18.24	18.38		
15	16QAM	75	0	18.09	18.28	18.15	18.27		
15	64QAM	1	0	18.46	18.39	18.34	18.39	19.8	0
15	64QAM	1	37	18.31	18.27	18.27	18.33		
15	64QAM	1	74	18.27	18.04	18.17	18.18		
15	64QAM	36	0	18.48	18.47	18.14	18.10	19.8	0
15	64QAM	36	20	18.28	18.16	18.28	18.29		
15	64QAM	36	39	18.08	18.19	18.27	18.17		
15	64QAM	75	0	18.08	18.35	18.11	18.31		
15	256QAM	1	0	18.43	18.47	18.41	18.34	19.8	0
15	256QAM	1	37	18.41	18.20	18.36	18.35		
15	256QAM	1	74	18.38	18.05	18.32	18.20		
15	256QAM	36	0	18.51	18.44	18.07	18.07	19.8	0
15	256QAM	36	20	18.28	18.13	18.33	18.22		
15	256QAM	36	39	18.14	18.24	18.34	18.08		
15	256QAM	75	0	18.13	18.40	18.28	18.23		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.53	18.52	18.46	18.47	19.8	0
10	QPSK	1	25	18.50	18.41	18.40	18.51		
10	QPSK	1	49	18.29	18.13	18.38	18.33		
10	QPSK	25	0	18.43	18.46	18.14	18.25	19.8	0
10	QPSK	25	12	18.34	18.18	18.48	18.48		
10	QPSK	25	25	18.28	18.37	18.20	18.22		
10	QPSK	50	0	18.19	18.38	18.21	18.25	19.8	0
10	16QAM	1	0	18.39	18.39	18.39	18.19		
10	16QAM	1	25	18.43	18.43	18.33	18.35		
10	16QAM	1	49	18.41	17.94	18.13	18.24		
10	16QAM	25	0	18.47	18.50	18.17	18.17	19.8	0
10	16QAM	25	12	18.30	18.22	18.39	18.43		
10	16QAM	25	25	18.26	18.20	18.26	18.03		
10	16QAM	50	0	18.05	18.23	18.16	18.17		
10	64QAM	1	0	18.42	18.43	18.40	18.36	19.8	0
10	64QAM	1	25	18.36	18.34	18.29	18.27		
10	64QAM	1	49	18.29	18.03	18.27	18.19		
10	64QAM	25	0	18.43	18.42	18.12	18.17	19.8	0
10	64QAM	25	12	18.36	18.22	18.35	18.42		
10	64QAM	25	25	18.12	18.16	18.22	18.07		
10	64QAM	50	0	18.19	18.36	18.12	18.21		
10	256QAM	1	0	18.49	18.38	18.25	18.27	19.8	0
10	256QAM	1	25	18.46	18.24	18.23	18.37		
10	256QAM	1	49	18.29	18.37	18.28	18.23		
10	256QAM	25	0	18.46	18.46	18.09	18.03	19.8	0
10	256QAM	25	12	18.27	18.11	18.40	18.27		
10	256QAM	25	25	18.12	18.34	18.19	18.12		
10	256QAM	50	0	18.18	18.34	18.26	18.17		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	18.58	18.57	18.48	18.32	19.8	0
5	QPSK	1	12	18.57	18.45	18.52	18.58		
5	QPSK	1	24	18.40	18.19	18.36	18.20		
5	QPSK	12	0	18.58	18.43	18.24	18.34	19.8	0
5	QPSK	12	7	18.40	18.32	18.55	18.40		
5	QPSK	12	13	18.26	18.20	18.24	18.31		
5	QPSK	25	0	18.24	18.52	18.15	18.40	19.8	0
5	16QAM	1	0	18.49	18.33	18.32	18.26		
5	16QAM	1	12	18.31	18.28	18.31	18.31		
5	16QAM	1	24	18.37	18.05	18.13	18.22		
5	16QAM	12	0	18.40	18.46	18.07	18.24	19.8	0
5	16QAM	12	7	18.25	18.13	18.44	18.41		
5	16QAM	12	13	18.30	18.09	18.20	18.14		
5	16QAM	25	0	18.16	18.20	18.20	18.30	19.8	0
5	64QAM	1	0	18.50	18.49	18.27	18.42		
5	64QAM	1	12	18.28	18.25	18.38	18.37		
5	64QAM	1	24	18.16	18.05	18.24	18.22		
5	64QAM	12	0	18.55	18.51	18.36	18.31	19.8	0
5	64QAM	12	7	18.35	18.40	18.34	18.30		
5	64QAM	12	13	18.31	18.22	18.31	18.38		
5	64QAM	25	0	18.17	18.22	18.17	18.35	19.8	0
5	256QAM	1	0	18.43	18.38	18.33	18.38		
5	256QAM	1	12	18.48	18.32	18.28	18.30		
5	256QAM	1	24	18.27	18.04	18.26	18.18		
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Band 42 FCC Part27Q 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.42	23.46	23.13		
20	QPSK	1	49	23.34	23.38	23.29	24	0
20	QPSK	1	99	23.19	23.33	23.28		
20	QPSK	50	0	22.56	22.63	22.49		
20	QPSK	50	24	22.47	22.57	22.50	23	1
20	QPSK	50	50	22.39	22.52	22.42		
20	QPSK	100	0	22.40	22.52	22.40		
20	16QAM	1	0	22.44	22.50	22.46		
20	16QAM	1	49	22.38	22.44	22.37	23	1
20	16QAM	1	99	22.37	22.40	22.30		
20	16QAM	50	0	21.47	21.55	21.44		
20	16QAM	50	24	21.35	21.47	21.33	22	2
20	16QAM	50	50	21.42	21.51	21.37		
20	16QAM	100	0	21.39	21.45	21.41		
20	64QAM	1	0	21.59	21.62	21.56		
20	64QAM	1	49	21.45	21.56	21.49	22	2
20	64QAM	1	99	21.46	21.52	21.45		
20	64QAM	50	0	20.51	20.56	20.45		
20	64QAM	50	24	20.33	20.47	20.37	21	3
20	64QAM	50	50	20.49	20.52	20.48		
20	64QAM	100	0	20.31	20.44	20.40		
20	256QAM	1	0	20.18	20.28	20.15		
20	256QAM	1	49	20.12	20.25	20.12	21	3
20	256QAM	1	99	20.07	20.20	20.15		
20	256QAM	50	0	20.13	20.23	20.17		
20	256QAM	50	24	20.05	20.13	19.98	21	3
20	256QAM	50	50	20.11	20.19	20.07		
20	256QAM	100	0	20.07	20.19	20.13		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.39	23.43	23.07		
15	QPSK	1	37	23.22	23.31	23.23	24	0
15	QPSK	1	74	23.06	23.18	23.21		
15	QPSK	36	0	22.41	22.60	22.39		
15	QPSK	36	20	22.39	22.49	22.36	23	1
15	QPSK	36	39	22.30	22.38	22.33		
15	QPSK	75	0	22.28	22.42	22.27		
15	16QAM	1	0	22.40	22.42	22.41		
15	16QAM	1	37	22.27	22.30	22.31	23	1
15	16QAM	1	74	22.26	22.27	22.26		
15	16QAM	36	0	21.41	21.45	21.41		
15	16QAM	36	20	21.28	21.43	21.24	22	2
15	16QAM	36	39	21.35	21.44	21.30		
15	16QAM	75	0	21.35	21.34	21.33		
15	64QAM	1	0	21.55	21.55	21.45		
15	64QAM	1	37	21.41	21.44	21.42	22	2
15	64QAM	1	74	21.38	21.43	21.42		
15	64QAM	36	0	20.46	20.42	20.32		
15	64QAM	36	20	20.20	20.35	20.29	21	3
15	64QAM	36	39	20.36	20.44	20.43		
15	64QAM	75	0	20.25	20.30	20.37		
15	256QAM	1	0	20.12	20.22	20.05		
15	256QAM	1	37	20.06	20.17	20.03	21	3
15	256QAM	1	74	20.00	20.16	20.10		
15	256QAM	36	0	19.99	20.13	20.13		
15	256QAM	36	20	20.01	20.10	19.94	21	3
15	256QAM	36	39	20.03	20.06	20.02		
15	256QAM	75	0	19.99	20.14	20.03		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.34	23.37	23.01		
10	QPSK	1	25	23.28	23.29	23.22	24	0
10	QPSK	1	49	23.14	23.23	23.25		
10	QPSK	25	0	22.42	22.56	22.43		
10	QPSK	25	12	22.35	22.42	22.44	23	1
10	QPSK	25	25	22.24	22.45	22.28		
10	QPSK	50	0	22.27	22.47	22.33		
10	16QAM	1	0	22.30	22.47	22.35		
10	16QAM	1	25	22.26	22.38	22.30	23	1
10	16QAM	1	49	22.33	22.35	22.27		
10	16QAM	25	0	21.41	21.47	21.32		
10	16QAM	25	12	21.21	21.33	21.28	22	2
10	16QAM	25	25	21.36	21.41	21.26		
10	16QAM	50	0	21.27	21.34	21.30		
10	64QAM	1	0	21.53	21.51	21.46		
10	64QAM	1	25	21.41	21.51	21.35	22	2
10	64QAM	1	49	21.38	21.46	21.41		
10	64QAM	25	0	20.42	20.44	20.35		
10	64QAM	25	12	20.29	20.40	20.33	21	3
10	64QAM	25	25	20.45	20.49	20.35		
10	64QAM	50	0	20.17	20.37	20.32		
10	256QAM	1	0	20.04	20.24	20.04		
10	256QAM	1	25	20.04	20.11	19.98	21	3
10	256QAM	1	49	19.95	20.05	20.01		
10	256QAM	25	0	20.03	20.11	20.12		
10	256QAM	25	12	19.98	20.00	19.84	21	3
10	256QAM	25	25	20.04	20.09	20.04		
10	256QAM	50	0	20.01	20.08	20.10		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.29	23.32	22.99		
5	QPSK	1	12	23.20	23.25	23.22	24	0
5	QPSK	1	24	23.14	23.18	23.21		
5	QPSK	12	0	22.42	22.57	22.36		
5	QPSK	12	7	22.37	22.49	22.47	23	1
5	QPSK	12	13	22.34	22.39	22.35		
5	QPSK	25	0	22.33	22.44	22.26		
5	16QAM	1	0	22.40	22.41	22.38		
5	16QAM	1	12	22.34	22.41	22.28	23	1
5	16QAM	1	24	22.29	22.32	22.21		
5	16QAM	12	0	21.39	21.51	21.40		
5	16QAM	12	7	21.20	21.39	21.29	22	2
5	16QAM	12	13	21.39	21.41	21.30		
5	16QAM	25	0	21.27	21.40	21.38		
5	64QAM	1	0	21.53	21.56	21.45		
5	64QAM	1	12	21.36	21.42	21.35	22	2
5	64QAM	1	24	21.37	21.41	21.37		
5	64QAM	12	0	20.42	20.45	20.35		
5	64QAM	12	7	20.30	20.35	20.34	21	3
5	64QAM	12	13	20.43	20.46	20.40		
5	64QAM	25	0	20.27	20.31	20.30		
5	256QAM	1	0	20.05	20.14	20.06		
5	256QAM	1	12	20.06	20.10	20.07	21	3
5	256QAM	1	24	19.96	20.12	20.02		
5	256QAM	12	0	19.98	20.16	20.14		
5	256QAM	12	7	19.94	20.02	19.94	21	3
5	256QAM	12	13	19.98	20.14	20.00		
5	256QAM	25	0	19.92	20.04	20.04		

Band 43_FCC 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				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	23.06	23.26	23.08		
20	QPSK	1	49	22.94	23.18	23.00	24	0
20	QPSK	1	99	23.02	23.13	23.02		
20	QPSK	50	0	22.34	22.44	22.36		
20	QPSK	50	24	22.30	22.38	22.25	23	1
20	QPSK	50	50	22.24	22.33	22.28		
20	QPSK	100	0	22.34	22.43	22.35		
20	16QAM	1	0	21.93	22.07	22.00		
20	16QAM	1	49	21.92	22.01	21.95	23	1
20	16QAM	1	99	21.85	21.97	21.92		
20	16QAM	50	0	21.13	21.18	21.10		
20	16QAM	50	24	21.07	21.10	21.06	22	2
20	16QAM	50	50	21.05	21.14	21.08		
20	16QAM	100	0	21.04	21.08	21.02		
20	64QAM	1	0	21.06	21.20	21.08		
20	64QAM	1	49	21.10	21.14	21.04	22	2
20	64QAM	1	99	21.03	21.10	20.99		
20	64QAM	50	0	20.08	20.15	20.10		
20	64QAM	50	24	19.95	20.06	19.93	21	3
20	64QAM	50	50	19.98	20.11	20.07		
20	64QAM	100	0	19.99	20.03	19.89		
20	256QAM	1	0	19.64	19.71	19.68		
20	256QAM	1	49	19.56	19.68	19.64	21	3
20	256QAM	1	99	19.59	19.63	19.50		
20	256QAM	50	0	19.73	19.84	19.73		
20	256QAM	50	24	19.67	19.74	19.67	21	3
20	256QAM	50	50	19.72	19.80	19.72		
20	256QAM	100	0	19.74	19.82	19.75		
Channel				44165	-	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3650	3692.5		
15	QPSK	1	0	22.95	23.20	22.95		
15	QPSK	1	37	22.87	23.14	22.94	24	0
15	QPSK	1	74	22.98	23.00	22.96		
15	QPSK	36	0	22.27	22.30	22.29		
15	QPSK	36	20	22.22	22.27	22.18	23	1
15	QPSK	36	39	22.09	22.24	22.18		
15	QPSK	75	0	22.24	22.36	22.27		
15	16QAM	1	0	21.83	21.94	21.86		
15	16QAM	1	37	21.82	21.89	21.82	23	1
15	16QAM	1	74	21.72	21.94	21.85		
15	16QAM	36	0	20.99	21.08	20.99		
15	16QAM	36	20	20.94	21.07	21.00	22	2
15	16QAM	36	39	20.98	21.05	21.01		
15	16QAM	75	0	20.89	20.94	20.91		
15	64QAM	1	0	21.03	21.12	21.05		
15	64QAM	1	37	21.01	21.09	20.92	22	2
15	64QAM	1	74	20.92	20.97	20.88		
15	64QAM	36	0	19.97	20.00	20.00		
15	64QAM	36	20	19.85	19.93	19.84	21	3
15	64QAM	36	39	19.93	19.97	20.04		
15	64QAM	75	0	19.85	19.99	19.83		
15	256QAM	1	0	19.52	19.65	19.57		
15	256QAM	1	37	19.46	19.59	19.51	21	3
15	256QAM	1	74	19.46	19.57	19.43		
15	256QAM	36	0	19.66	19.69	19.60		
15	256QAM	36	20	19.53	19.66	19.53	21	3
15	256QAM	36	39	19.66	19.67	19.57		
15	256QAM	75	0	19.61	19.71	19.60		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	23.02	23.17	23.00		
10	QPSK	1	25	22.80	23.10	22.91	24	0
10	QPSK	1	49	22.92	23.05	22.97		
10	QPSK	25	0	22.26	22.38	22.24		
10	QPSK	25	12	22.16	22.24	22.18	23	1
10	QPSK	25	25	22.16	22.29	22.20		
10	QPSK	50	0	22.28	22.29	22.29		
10	16QAM	1	0	21.85	22.03	21.87		
10	16QAM	1	25	21.82	21.90	21.91	23	1
10	16QAM	1	49	21.76	21.84	21.84		
10	16QAM	25	0	21.07	21.04	20.96		
10	16QAM	25	12	21.01	21.03	20.96	22	2
10	16QAM	25	25	20.95	21.08	20.99		
10	16QAM	50	0	20.99	21.03	20.91		
10	64QAM	1	0	20.93	21.17	21.00		
10	64QAM	1	25	20.99	21.06	20.97	22	2
10	64QAM	1	49	20.99	21.00	20.88		
10	64QAM	25	0	20.04	20.12	19.98		
10	64QAM	25	12	19.89	20.02	19.90	21	3
10	64QAM	25	25	19.95	19.98	20.00		
10	64QAM	50	0	19.87	19.93	19.80		
10	256QAM	1	0	19.60	19.65	19.64		
10	256QAM	1	25	19.44	19.63	19.55	21	3
10	256QAM	1	49	19.45	19.54	19.45		
10	256QAM	25	0	19.67	19.75	19.63		
10	256QAM	25	12	19.58	19.61	19.56	21	3
10	256QAM	25	25	19.65	19.68	19.67		
10	256QAM	50	0	19.67	19.72	19.62		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	23.00	23.14	23.04		
5	QPSK	1	12	22.88	23.12	22.85	24	0
5	QPSK	1	24	22.89	23.02	22.96		
5	QPSK	12	0	22.30	22.39	22.27		
5	QPSK	12	7	22.25	22.29	22.22	23	1
5	QPSK	12	13	22.18	22.24	22.20		
5	QPSK	25	0	22.29	22.32	22.28		
5	16QAM	1	0	21.83	21.96	21.86		
5	16QAM	1	12	21.89	21.93	21.84	23	1
5	16QAM	1	24	21.75	21.88	21.78		
5	16QAM	12	0	21.04	21.09	20.96		
5	16QAM	12	7	20.96	20.95	20.93	22	2
5	16QAM	12	13	20.98	21.02	20.94		
5	16QAM	25	0	20.99	20.98	20.90		
5	64QAM	1	0	20.92	21.17	21.03		
5	64QAM	1	12	21.01	21.05	20.95	22	2
5	64QAM	1	24	20.92	21.03	20.94		
5	64QAM	12	0	19.96	20.12	20.06		
5	64QAM	12	7	19.89	19.92	19.86	21	3
5	64QAM	12	13	19.94	20.01	19.94		
5	64QAM	25	0	19.95	19.90	19.82		
5	256QAM	1	0	19.53	19.64	19.57		
5	256QAM	1	12	19.42	19.60	19.61	21	3
5	256QAM	1	24	19.55	19.50	19.39		
5	256QAM	12	0	19.64	19.73	19.65		
5	256QAM	12	7	19.60	19.69	19.64	21	3
5	256QAM	12	13	19.63	19.73	19.60		
5	256QAM	25	0	19.59	19.77	19.71		

Band 48_FCC Ant5 DSI3

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	23.24	23.56	23.41	23.32		
20	QPSK	1	49	23.17	23.48	23.38	23.32	24	0
20	QPSK	1	99	23.15	23.43	23.35	23.21		
20	QPSK	50	0	22.22	22.52	22.37	22.33		
20	QPSK	50	24	22.14	22.46	22.33	22.25	23	1
20	QPSK	50	50	22.16	22.41	22.37	22.19		
20	QPSK	100	0	22.29	22.59	22.47	22.34		
20	16QAM	1	0	22.08	22.40	22.37	22.20		
20	16QAM	1	49	22.10	22.34	22.24	22.11	23	1
20	16QAM	1	99	21.99	22.30	22.15	22.13		
20	16QAM	50	0	21.29	21.59	21.45	21.37		
20	16QAM	50	24	21.18	21.51	21.44	21.32	22	2
20	16QAM	50	50	21.28	21.55	21.41	21.41		
20	16QAM	100	0	21.23	21.49	21.34	21.29		
20	64QAM	1	0	21.33	21.56	21.51	21.42		
20	64QAM	1	49	21.20	21.50	21.46	21.36	22	2
20	64QAM	1	99	21.15	21.46	21.41	21.27		
20	64QAM	50	0	20.26	20.54	20.45	20.33		
20	64QAM	50	24	20.20	20.45	20.36	20.30	21	3
20	64QAM	50	50	20.18	20.50	20.44	20.33		
20	64QAM	100	0	20.11	20.42	20.37	20.24		
20	256QAM	1	0	19.81	20.06	19.94	19.93		
20	256QAM	1	49	19.79	20.03	19.95	19.83	21	3
20	256QAM	1	99	19.67	19.98	19.89	19.85		
20	256QAM	50	0	20.00	20.26	20.14	20.06		
20	256QAM	50	24	19.82	20.16	20.10	19.92	21	3
20	256QAM	50	50	19.87	20.22	20.15	20.05		
20	256QAM	100	0	20.04	20.27	20.22	20.13		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.16	23.50	23.33	23.26		
15	QPSK	1	37	23.11	23.36	23.27	23.21	24	0
15	QPSK	1	74	23.02	23.30	23.29	23.13		
15	QPSK	36	0	22.16	22.46	22.29	22.22		
15	QPSK	36	20	21.99	22.34	22.19	22.20	23	1
15	QPSK	36	39	22.10	22.36	22.27	22.08		
15	QPSK	75	0	22.20	22.54	22.43	22.31		
15	16QAM	1	0	21.96	22.30	22.34	22.06		
15	16QAM	1	37	22.05	22.25	22.15	22.00	23	1
15	16QAM	1	74	21.91	22.26	22.05	22.06		
15	16QAM	36	0	21.15	21.55	21.37	21.23		
15	16QAM	36	20	21.08	21.43	21.37	21.25	22	2
15	16QAM	36	39	21.24	21.50	21.35	21.35		
15	16QAM	75	0	21.09	21.35	21.22	21.22		
15	64QAM	1	0	21.26	21.50	21.48	21.29		
15	64QAM	1	37	21.05	21.39	21.32	21.24	22	2
15	64QAM	1	74	21.06	21.42	21.29	21.13		
15	64QAM	36	0	20.17	20.45	20.32	20.24		
15	64QAM	36	20	20.06	20.39	20.31	20.18	21	3
15	64QAM	36	39	20.08	20.44	20.34	20.18		
15	64QAM	75	0	20.01	20.30	20.23	20.10		
15	256QAM	1	0	19.72	20.01	19.86	19.79		
15	256QAM	1	37	19.67	19.95	19.84	19.69	21	3
15	256QAM	1	74	19.57	19.92	19.86	19.73		
15	256QAM	36	0	19.96	20.22	20.05	19.99		
15	256QAM	36	20	19.89	20.09	19.99	19.78	21	3
15	256QAM	36	39	19.83	20.17	20.07	19.94		
15	256QAM	75	0	19.91	20.22	20.09	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	23.20	23.50	23.28	23.28		
10	QPSK	1	25	23.09	23.33	23.25	23.22	24	0
10	QPSK	1	49	23.09	23.29	23.26	23.09		
10	QPSK	25	0	22.12	22.41	22.24	22.24		
10	QPSK	25	12	22.09	22.35	22.26	22.19	23	1
10	QPSK	25	25	22.10	22.28	22.33	22.06		
10	QPSK	50	0	22.22	22.55	22.42	22.24		
10	16QAM	1	0	21.99	22.25	22.30	22.11		
10	16QAM	1	25	21.98	22.25	22.21	22.07	23	1
10	16QAM	1	49	21.90	22.16	22.02	21.98		
10	16QAM	25	0	21.26	21.54	21.36	21.28		
10	16QAM	25	12	21.11	21.38	21.32	21.19	22	2
10	16QAM	25	25	21.21	21.40	21.28	21.30		
10	16QAM	50	0	21.17	21.36	21.20	21.26		
10	64QAM	1	0	21.22	21.51	21.43	21.34		
10	64QAM	1	25	21.16	21.41	21.33	21.29	22	2
10	64QAM	1	49	21.07	21.40	21.28	21.23		
10	64QAM	25	0	20.20	20.41	20.39	20.23		
10	64QAM	25	12	20.05	20.32	20.28	20.24	21	3
10	64QAM	25	25	20.07	20.42	20.36	20.22		
10	64QAM	50	0	20.01	20.38	20.22	20.10		
10	256QAM	1	0	19.75	19.95	19.81	19.82		
10	256QAM	1	25	19.67	19.93	19.80	19.78	21	3
10	256QAM	1	49	19.54	19.88	19.75	19.73		
10	256QAM	25	0	19.97	20.15	20.09	19.92		
10	256QAM	25	12	19.74	20.10	19.97	19.85	21	3
10	256QAM	25	25	19.75	20.09	20.09	19.92		
10	256QAM	50	0	20.00	20.18	20.12	20.07		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.11	23.44	23.32	23.19		
5	QPSK	1	12	23.08	23.42	23.28	23.23	24	0
5	QPSK	1	24	23.10	23.31	23.28	23.07		
5	QPSK	12	0	22.15	22.42	22.26	22.27		
5	QPSK	12	7	22.09	22.32	22.25	22.13	23	1
5	QPSK	12	13	22.12	22.30	22.25	22.05		
5	QPSK	25	0	22.23	22.54	22.40	22.26		
5	16QAM	1	0	21.97	22.32	22.28	22.13		
5	16QAM	1	12	22.02	22.23	22.19	21.98	23	1
5	16QAM	1	24	21.86	22.15	22.01	22.02		
5	16QAM	12	0	21.20	21.47	21.40	21.25		
5	16QAM	12	7	21.09	21.46	21.34	21.21	22	2
5	16QAM	12	13	21.18	21.46	21.35	21.33		
5	16QAM	25	0	21.10	21.40	21.29	21.18		
5	64QAM	1	0	21.23	21.46	21.37	21.37		
5	64QAM	1	12	21.12	21.37	21.31	21.24	22	2
5	64QAM	1	24	21.01	21.33	21.37	21.14		
5	64QAM	12	0	20.21	20.41	20.39	20.20		
5	64QAM	12	7	20.09	20.39	20.33	20.19	21	3
5	64QAM	12	13	20.04	20.39	20.39	20.25		
5	64QAM	25	0	19.99	20.30	20.31	20.09		
5	256QAM	1	0	19.77	19.96	19.88	19.80		
5	256QAM	1	12	19.68	19.97	19.84	19.71	21	3
5	256QAM	1	24	19.54	19.88	19.78	19.73		
5	256QAM	12	0	19.90	20.19	20.10	20.00		
5	256QAM	12	7	19.72	20.13	19.98	19.80	21	3
5	256QAM	12	13	19.75	20.11	20.09	19.96		
5	256QAM	25	0	19.93	20.15	20.08	20.09		

Reduced Power Mode for Main PA DSI3

GSM850 Ant0 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.79	32.82	32.74	33.50	23.79	23.82	23.74	24.50
GPRS 1 Tx slot	32.81	32.85	32.78	33.50	23.81	23.85	23.78	24.50
GPRS 2 Tx slots	29.40	29.52	29.37	30.50	23.40	23.52	23.37	24.50
GPRS 3 Tx slots	28.12	28.15	28.17	30.00	23.86	23.89	23.91	25.74
GPRS 4 Tx slots	26.37	26.50	26.37	27.50	23.37	23.50	23.37	24.50
EDGE 1 Tx slot	25.38	25.44	25.28	26.50	16.38	16.44	16.28	17.50
EDGE 2 Tx slots	23.57	23.78	23.64	25.00	17.57	17.78	17.64	19.00
EDGE 3 Tx slots	22.46	22.59	22.53	23.50	18.20	18.33	18.27	19.24
EDGE 4 Tx slots	20.49	20.61	20.41	21.50	17.49	17.61	17.41	18.50

GSM1900 Ant0 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.51	29.59	29.38	30.50	20.51	20.59	20.38	21.50
GPRS 1 Tx slot	29.61	29.66	29.59	30.50	20.61	20.66	20.59	21.50
GPRS 2 Tx slots	27.06	27.22	27.13	28.00	21.06	21.22	21.13	22.00
GPRS 3 Tx slots	25.18	25.33	25.28	26.50	20.92	21.07	21.02	22.24
GPRS 4 Tx slots	23.28	23.40	23.32	24.50	20.28	20.40	20.32	21.50
EDGE 1 Tx slot	25.03	25.05	24.87	26.00	16.03	16.05	15.87	17.00
EDGE 2 Tx slots	23.23	23.41	23.21	24.50	17.23	17.41	17.21	18.50
EDGE 3 Tx slots	22.27	22.28	22.07	23.50	18.01	18.02	17.81	19.24
EDGE 4 Tx slots	20.08	20.11	19.98	21.00	17.08	17.11	16.98	18.00

		WCDMA II Ant0 DSI3				WCDMA IV Ant0 DSI3				WCDMA V Ant0 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.77	18.85	18.73	20.20	19.16	19.25	19.11	20.70	24.14	24.13	24.04	25.00
3GPP Rel 99	RMC 12.2Kbps	18.83	18.86	18.76	20.20	19.25	19.28	19.19	20.70	24.20	24.23	24.16	25.00
3GPP Rel 6	HSDPA Subtest-1	17.75	17.72	17.49	19.20	18.15	17.96	18.00	19.70	23.21	23.18	23.11	24.00
3GPP Rel 6	HSDPA Subtest-2	17.57	17.83	17.77	19.20	18.35	18.15	18.37	19.70	23.30	23.40	23.41	24.00
3GPP Rel 6	HSDPA Subtest-3	17.32	17.29	17.19	18.70	17.67	17.74	17.53	19.20	22.24	22.17	22.28	23.50
3GPP Rel 6	HSDPA Subtest-4	17.11	17.18	17.13	18.70	17.62	17.60	17.61	19.20	22.31	22.21	22.28	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.81	17.66	17.68	19.20	18.17	18.05	18.19	19.70	22.71	22.73	22.60	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.76	17.81	17.69	19.20	18.14	18.39	18.35	19.70	22.68	22.59	22.72	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.07	17.19	17.02	18.70	17.59	17.54	17.44	19.20	21.76	21.73	21.85	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.24	17.20	17.06	18.70	17.57	17.69	17.71	19.20	21.75	21.72	21.76	23.50
3GPP Rel 6	HSUPA Subtest-1	17.52	17.77	17.72	18.20	17.94	18.07	18.01	18.70	22.38	22.45	22.48	24.00
3GPP Rel 6	HSUPA Subtest-2	15.70	15.79	15.66	16.20	16.12	16.16	16.08	16.70	20.74	20.78	20.66	22.00
3GPP Rel 6	HSUPA Subtest-3	16.67	16.81	16.60	17.20	17.13	17.05	17.01	17.70	21.69	21.73	21.79	23.00
3GPP Rel 6	HSUPA Subtest-4	15.70	15.68	15.62	16.20	16.09	16.17	16.11	16.70	20.78	20.73	20.90	22.00
3GPP Rel 6	HSUPA Subtest-5	17.41	17.76	17.61	18.20	18.14	17.90	18.00	18.70	22.67	22.63	22.77	24.00

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.28	20.30	20.20		
20	QPSK	1	49	20.16	20.18	20.20	21.5	0
20	QPSK	1	99	20.12	20.13	20.10		
20	QPSK	50	0	20.26	20.27	20.07		
20	QPSK	50	24	20.13	20.16	20.11	21.5	0
20	QPSK	50	50	20.14	20.11	20.04		
20	QPSK	100	0	20.24	20.26	20.01		
20	16QAM	1	0	20.20	20.29	20.03		
20	16QAM	1	49	20.23	20.13	20.09	21.5	0
20	16QAM	1	99	20.14	20.18	20.19		
20	16QAM	50	0	20.20	20.17	20.10		
20	16QAM	50	24	20.26	20.21	20.17	21.5	0
20	16QAM	50	50	20.26	20.16	20.11		
20	16QAM	100	0	20.12	20.12	20.08		
20	64QAM	1	0	20.11	20.22	20.13		
20	64QAM	1	49	20.24	20.07	19.99	21.5	0
20	64QAM	1	99	20.22	20.13	20.06		
20	64QAM	50	0	19.53	19.60	19.56		
20	64QAM	50	24	19.52	19.52	19.57	21	0.5
20	64QAM	50	50	19.37	19.34	19.33		
20	64QAM	100	0	19.35	19.47	19.41		
20	256QAM	1	0	17.45	17.57	17.61		
20	256QAM	1	49	17.33	17.52	17.32	19	2.5
20	256QAM	1	99	17.52	17.69	17.54		
20	256QAM	50	0	17.45	17.61	17.32		
20	256QAM	50	24	17.38	17.48	17.46	19	2.5
20	256QAM	50	50	17.52	17.62	17.57		
20	256QAM	100	0	17.39	17.49	17.39		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.20	20.27	20.15		
15	QPSK	1	37	20.01	20.14	20.15	21.5	0
15	QPSK	1	74	19.96	20.13	19.99		
15	QPSK	36	0	20.08	20.10	19.87		
15	QPSK	36	20	19.99	20.05	20.01		
15	QPSK	36	39	20.05	20.08	19.88	21.5	0
15	QPSK	75	0	20.19	20.25	19.89		
15	16QAM	1	0	20.03	20.27	19.84		
15	16QAM	1	37	20.17	19.93	20.04	21.5	0
15	16QAM	1	74	20.07	20.13	20.06		
15	16QAM	36	0	20.14	20.06	20.03		
15	16QAM	36	20	20.21	20.22	20.10	21.5	0
15	16QAM	36	39	20.16	20.02	20.12		
15	16QAM	75	0	19.94	20.08	20.05		
15	64QAM	1	0	19.99	20.23	20.00		
15	64QAM	1	37	20.10	19.90	19.99	21.5	0
15	64QAM	1	74	20.02	19.93	20.04		
15	64QAM	36	0	19.63	19.63	19.62		
15	64QAM	36	20	19.43	19.46	19.28	21	0.5
15	64QAM	36	39	19.34	19.42	19.36		
15	64QAM	75	0	19.32	19.47	19.44		
15	256QAM	1	0	17.49	17.65	17.61		
15	256QAM	1	37	17.27	17.43	17.31	19	2.5
15	256QAM	1	74	17.56	17.68	17.64		
15	256QAM	36	0	17.49	17.65	17.39		
15	256QAM	36	20	17.34	17.46	17.43	19	2.5
15	256QAM	36	39	17.49	17.47	17.56		
15	256QAM	75	0	17.51	17.58	17.39		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.07	20.26	19.98		
10	QPSK	1	25	19.98	19.99	20.15	21.5	0
10	QPSK	1	49	19.99	19.98	19.88		
10	QPSK	25	0	20.11	20.05	20.04		
10	QPSK	25	12	20.06	20.11	20.07	21.5	0
10	QPSK	25	25	20.04	20.06	19.97		
10	QPSK	50	0	20.17	20.18	19.79		
10	16QAM	1	0	20.10	20.13	19.99		
10	16QAM	1	25	20.17	19.96	19.91	21.5	0
10	16QAM	1	49	19.99	20.00	20.01		
10	16QAM	25	0	20.15	19.97	20.08		
10	16QAM	25	12	20.14	20.14	20.10	21.5	0
10	16QAM	25	25	20.22	20.01	20.13		
10	16QAM	50	0	20.11	20.10	19.95		
10	64QAM	1	0	20.09	20.11	20.04		
10	64QAM	1	25	20.08	20.01	19.97	21.5	0
10	64QAM	1	49	20.12	20.01	19.96		
10	64QAM	25	0	19.61	19.61	19.61		
10	64QAM	25	12	19.38	19.51	19.31	21	0.5
10	64QAM	25	25	19.40	19.33	19.41		
10	64QAM	50	0	19.40	19.52	19.39		
10	256QAM	1	0	17.50	17.68	17.68		
10	256QAM	1	25	17.39	17.47	17.35	19	2.5
10	256QAM	1	49	17.56	17.67	17.63		
10	256QAM	25	0	17.45	17.57	17.44		
10	256QAM	25	12	17.46	17.47	17.36	19	2.5
10	256QAM	25	25	17.57	17.61	17.48		
10	256QAM	50	0	17.45	17.58	17.44		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.22	20.10	20.20		
5	QPSK	1	12	20.06	20.13	20.03	21.5	0
5	QPSK	1	24	20.00	20.14	20.06		
5	QPSK	12	0	20.09	20.05	20.01		
5	QPSK	12	7	20.10	19.97	20.06	21.5	0
5	QPSK	12	13	20.16	20.03	19.89		
5	QPSK	25	0	20.24	20.27	19.96		
5	16QAM	1	0	20.19	20.17	19.84		
5	16QAM	1	12	20.20	20.14	19.97	21.5	0
5	16QAM	1	24	19.95	19.97	20.19		
5	16QAM	12	0	20.10	20.16	20.04		
5	16QAM	12	7	20.08	20.11	20.18	21.5	0
5	16QAM	12	13	20.22	19.96	19.96		
5	16QAM	25	0	19.98	19.97	20.06		
5	64QAM	1	0	20.06	20.10	20.08		
5	64QAM	1	12	20.25	19.95	19.78	21.5	0
5	64QAM	1	24	20.09	19.94	19.94		
5	64QAM	12	0	19.62	19.65	19.56		
5	64QAM	12	7	19.49	19.45	19.31	21	0.5
5	64QAM	12	13	19.43	19.35	19.32		
5	64QAM	25	0	19.31	19.55	19.46		
5	256QAM	1	0	17.47	17.69	17.62		
5	256QAM	1	12	17.39	17.52	17.30	19	2.5
5	256QAM	1	24	17.46	17.58	17.58		
5	256QAM	12	0	17.37	17.37	17.31		
5	256QAM	12	7	17.39	17.41	17.41	19	2.5
5	256QAM	12	13	17.51	17.60	17.50		
5	256QAM	25	0	17.50	17.56	17.38		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.27	20.19	20.06		
3	QPSK	1	8	20.06	20.14	20.19	21.5	0
3	QPSK	1	14	20.01	19.95	20.02		
3	QPSK	8	0	20.17	20.17	19.98		
3	QPSK	8	4	20.01	19.98	19.91	21.5	0
3	QPSK	8	7	20.11	20.05	20.01		
3	QPSK	15	0	20.08	20.26	19.80		
3	16QAM	1	0	20.02	20.08	19.98		
3	16QAM	1	8	20.12	19.93	19.89	21.5	0
3	16QAM	1	14	19.93	20.07	20.01		
3	16QAM	8	0	20.06	20.07	19.97		
3	16QAM	8	4	20.22	20.19	20.16	21.5	0
3	16QAM	8	7	20.10	20.02	20.08		
3	16QAM	15	0	20.04	20.07	19.98		
3	64QAM	1	0	19.91	20.15	19.95		
3	64QAM	1	8	20.10	19.99	19.91	21.5	0
3	64QAM	1	14	20.08	20.11	20.01		
3	64QAM	8	0	19.56	19.61	19.62		
3	64QAM	8	4	19.46	19.49	19.33	21	0.5
3	64QAM	8	7	19.35	19.34	19.39		
3	64QAM	15	0	19.35	19.49	19.44		
3	256QAM	1	0	17.50	17.67	17.63		
3	256QAM	1	8	17.32	17.41	17.26	19	2.5
3	256QAM	1	14	17.45	17.59	17.63		
3	256QAM	8	0	17.50	17.56	17.43		
3	256QAM	8	4	17.36	17.50	17.45	19	2.5
3	256QAM	8	7	17.54	17.67	17.47		
3	256QAM	15	0	17.40	17.51	17.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.13	20.21	20.12		
1.4	QPSK	1	3	20.11	20.01	20.13		
1.4	QPSK	1	5	20.07	20.01	19.99	21.5	0
1.4	QPSK	3	0	20.04	20.10	19.91		
1.4	QPSK	3	1	20.01	20.09	20.05		
1.4	QPSK	3	3	20.14	19.94	20.00		
1.4	QPSK	6	0	20.21	20.16	19.90	21.5	0
1.4	16QAM	1	0	20.20	20.26	19.96		
1.4	16QAM	1	3	20.13	20.02	19.93		
1.4	16QAM	1	5	19.98	20.18	20.02	21.5	0
1.4	16QAM	3	0	20.19	20.08	20.12		
1.4	16QAM	3	1	20.21	20.22	20.12		
1.4	16QAM	3	3	20.08	20.10	20.04		
1.4	16QAM	6	0	19.99	19.99	20.05	21.5	0
1.4	64QAM	1	0	19.95	20.18	20.11		
1.4	64QAM	1	3	20.02	19.97	19.81		
1.4	64QAM	1	5	20.23	20.03	20.08	21.5	0
1.4	64QAM	3	0	20.08	20.01	20.07		
1.4	64QAM	3	1	20.17	20.03	19.99		
1.4	64QAM	3	3	19.96	20.12	19.93		
1.4	64QAM	6	0	19.92	20.21	19.85	21	0.5
1.4	256QAM	1	0	17.61	17.75	17.76		
1.4	256QAM	1	3	17.64	17.73	17.40		
1.4	256QAM	1	5	17.64	17.75	17.52	19	2.5
1.4	256QAM	3	0	17.68	17.62	17.57		
1.4	256QAM	3	1	17.76	17.76	17.57		
1.4	256QAM	3	3	17.68	17.76	17.45		
1.4	256QAM	6	0	17.63	17.62	17.58	19	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	17.19	17.25	17.04		
20	QPSK	1	49	17.16	17.19	17.01	19	0
20	QPSK	1	99	17.07	17.08	17.16		
20	QPSK	50	0	17.17	17.23	17.17		
20	QPSK	50	24	17.09	17.20	17.17	19	0
20	QPSK	50	50	17.16	17.18	17.08		
20	QPSK	100	0	17.18	17.19	17.14		
20	16QAM	1	0	17.08	17.11	17.07		
20	16QAM	1	49	17.13	17.20	17.03	19	0
20	16QAM	1	99	17.15	17.21	17.08		
20	16QAM	50	0	17.05	17.17	17.02		
20	16QAM	50	24	17.08	17.15	17.14	19	0
20	16QAM	50	50	17.11	17.06	17.15		
20	16QAM	100	0	17.16	17.08	17.05		
20	64QAM	1	0	17.11	17.17	17.12		
20	64QAM	1	49	17.07	17.12	17.08	19	0
20	64QAM	1	99	17.11	17.06	17.04		
20	64QAM	50	0	17.04	17.24	17.04		
20	64QAM	50	24	17.14	17.12	17.03	19	0
20	64QAM	50	50	17.15	17.17	17.18		
20	64QAM	100	0	17.03	17.15	17.15		
20	256QAM	1	0	17.07	17.21	17.08		
20	256QAM	1	49	17.07	17.11	17.16	19	0
20	256QAM	1	99	17.13	17.21	17.17		
20	256QAM	50	0	17.18	17.22	17.16		
20	256QAM	50	24	17.00	17.11	17.17	19	0
20	256QAM	50	50	17.00	17.18	17.03		
20	256QAM	100	0	17.15	17.06	17.05		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.24	17.17	17.22		
15	QPSK	1	37	17.18	17.13	17.16	19	0
15	QPSK	1	74	17.17	17.18	17.07		
15	QPSK	36	0	17.06	17.21	17.19		
15	QPSK	36	20	17.20	17.12	17.17	19	0
15	QPSK	36	39	17.24	17.09	17.03		
15	QPSK	75	0	17.16	17.21	17.12		
15	16QAM	1	0	17.18	17.07	17.12		
15	16QAM	1	37	17.23	17.13	17.03	19	0
15	16QAM	1	74	17.08	17.20	17.11		
15	16QAM	36	0	17.08	17.15	17.12		
15	16QAM	36	20	17.10	17.15	17.07	19	0
15	16QAM	36	39	17.21	17.06	17.06		
15	16QAM	75	0	17.23	17.00	17.08		
15	64QAM	1	0	17.01	17.09	17.12		
15	64QAM	1	37	17.06	17.16	17.19	19	0
15	64QAM	1	74	17.07	17.00	17.05		
15	64QAM	36	0	17.05	17.09	17.16		
15	64QAM	36	20	17.22	17.00	17.08	19	0
15	64QAM	36	39	17.05	17.07	17.10		
15	64QAM	75	0	17.09	17.12	17.10		
15	256QAM	1	0	17.15	17.15	17.01		
15	256QAM	1	37	17.18	17.02	17.26	19	0
15	256QAM	1	74	17.17	17.12	17.19		
15	256QAM	36	0	17.09	17.17	17.18		
15	256QAM	36	20	17.02	17.15	17.16	19	0
15	256QAM	36	39	17.09	17.15	17.06		
15	256QAM	75	0	17.12	17.02	17.05		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.07	17.23	17.17		
10	QPSK	1	25	17.20	17.13	17.18	19	0
10	QPSK	1	49	17.18	17.04	17.08		
10	QPSK	25	0	17.19	17.09	17.23		
10	QPSK	25	12	17.17	17.16	17.12	19	0
10	QPSK	25	25	17.15	17.12	17.14		
10	QPSK	50	0	17.13	17.20	17.06		
10	16QAM	1	0	17.08	17.09	17.00		
10	16QAM	1	25	17.16	17.17	17.14	19	0
10	16QAM	1	49	17.13	17.18	17.09		
10	16QAM	25	0	17.13	17.19	17.14		
10	16QAM	25	12	17.03	17.23	17.08	19	0
10	16QAM	25	25	17.16	17.23	17.10		
10	16QAM	50	0	17.17	17.17	17.17		
10	64QAM	1	0	17.20	17.06	17.19		
10	64QAM	1	25	17.10	17.14	17.15	19	0
10	64QAM	1	49	17.05	17.11	17.09		
10	64QAM	25	0	17.06	17.19	17.12		
10	64QAM	25	12	17.11	17.21	17.13	19	0
10	64QAM	25	25	17.12	17.19	17.19		
10	64QAM	50	0	17.06	17.21	17.06		
10	256QAM	1	0	17.05	17.18	17.17		
10	256QAM	1	25	17.13	17.16	17.23	19	0
10	256QAM	1	49	17.15	17.21	17.11		
10	256QAM	25	0	17.09	17.15	17.09		
10	256QAM	25	12	17.01	17.08	17.08	19	0
10	256QAM	25	25	17.16	17.13	17.18		
10	256QAM	50	0	17.16	17.10	17.01		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.10	17.09	17.00		
5	QPSK	1	12	17.23	17.11	17.18	19	0
5	QPSK	1	24	17.12	17.12	17.22		
5	QPSK	12	0	17.15	17.16	17.16		
5	QPSK	12	7	17.18	17.17	17.21	19	0
5	QPSK	12	13	17.09	17.12	17.05		
5	QPSK	25	0	17.14	17.16	17.02		
5	16QAM	1	0	17.15	17.21	17.19		
5	16QAM	1	12	17.02	17.12	17.14	19	0
5	16QAM	1	24	17.15	17.23	17.18		
5	16QAM	12	0	17.08	17.14	17.04		
5	16QAM	12	7	17.09	17.13	17.20	19	0
5	16QAM	12	13	17.17	17.11	17.19		
5	16QAM	25	0	17.11	17.05	17.07		
5	64QAM	1	0	17.02	17.12	17.23		
5	64QAM	1	12	17.10	17.17	17.08	19	0
5	64QAM	1	24	17.11	17.20	17.09		
5	64QAM	12	0	17.23	17.24	17.05		
5	64QAM	12	7	17.18	17.12	17.10	19	0
5	64QAM	12	13	17.22	17.14	17.15		
5	64QAM	25	0	17.05	17.14	17.14		
5	256QAM	1	0	17.05	17.11	17.02		
5	256QAM	1	12	17.04	17.03	17.09	19	0
5	256QAM	1	24	17.18	17.24	17.23		
5	256QAM	12	0	17.15	17.22	17.21		
5	256QAM	12	7	17.13	17.20	17.12	19	0
5	256QAM	12	13	17.03	17.21	17.12		
5	256QAM	25	0	17.14	17.12	17.16		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.16	17.18	17.19		
3	QPSK	1	8	17.23	17.16	17.05	19	0
3	QPSK	1	14	17.07	17.13	17.22		
3	QPSK	8	0	17.17	17.18	17.21		
3	QPSK	8	4	17.18	17.09	17.10	19	0
3	QPSK	8	7	17.09	17.13	17.00		
3	QPSK	15	0	17.15	17.17	17.09		
3	16QAM	1	0	17.10	17.01	17.01		
3	16QAM	1	8	17.10	17.24	17.11	19	0
3	16QAM	1	14	17.12	17.16	17.01		
3	16QAM	8	0	17.15	17.17	17.08		
3	16QAM	8	4	17.14	17.23	17.13	19	0
3	16QAM	8	7	17.17	17.23	17.15		
3	16QAM	15	0	17.04	17.12	17.10		
3	64QAM	1	0	17.21	17.10	17.01		
3	64QAM	1	8	17.18	17.20	17.16	19	0
3	64QAM	1	14	17.10	17.12	17.10		
3	64QAM	8	0	17.08	17.19	17.14		
3	64QAM	8	4	17.13	17.14	17.05	19	0
3	64QAM	8	7	17.07	17.14	17.07		
3	64QAM	15	0	17.23	17.22	17.19		
3	256QAM	1	0	17.08	17.14	17.02		
3	256QAM	1	8	17.08	17.04	17.18	19	0
3	256QAM	1	14	17.21	17.14	17.20		
3	256QAM	8	0	17.06	17.14	17.11		
3	256QAM	8	4	17.13	17.09	17.12	19	0
3	256QAM	8	7	17.16	17.18	17.12		
3	256QAM	15	0	17.07	17.07	17.01		
Channel				19907	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.19	17.17	17.10		
1.4	QPSK	1	3	17.15	17.18	17.24		
1.4	QPSK	1	5	17.01	17.12	17.12	19	0
1.4	QPSK	3	0	17.16	17.13	17.14		
1.4	QPSK	3	1	17.00	17.08	17.24		
1.4	QPSK	3	3	17.12	17.23	17.19		
1.4	QPSK	6	0	17.08	17.21	17.06	19	0
1.4	16QAM	1	0	17.22	17.22	17.19		
1.4	16QAM	1	3	17.03	17.08	17.22		
1.4	16QAM	1	5	17.09	17.12	17.16	19	0
1.4	16QAM	3	0	17.11	17.09	17.06		
1.4	16QAM	3	1	17.02	17.12	17.11		
1.4	16QAM	3	3	17.00	17.11	17.15		
1.4	16QAM	6	0	17.22	17.18	17.11	19	0
1.4	64QAM	1	0	17.14	17.17	17.12		
1.4	64QAM	1	3	17.04	17.07	17.08		
1.4	64QAM	1	5	17.09	17.07	17.21	19	0
1.4	64QAM	3	0	17.10	17.21	17.11		
1.4	64QAM	3	1	17.15	17.16	17.14		
1.4	64QAM	3	3	17.21	17.24	17.17		
1.4	64QAM	6	0	17.13	17.11	17.13	19	0
1.4	256QAM	1	0	17.08	17.12	17.12		
1.4	256QAM	1	3	17.03	17.00	17.24		
1.4	256QAM	1	5	17.23	17.15	17.23	19	0
1.4	256QAM	3	0	17.19	17.21	17.11		
1.4	256QAM	3	1	17.23	17.18	17.14		
1.4	256QAM	3	3	17.15	17.10	17.02		
1.4	256QAM	6	0	17.05	17.10	17.12	19	0

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	22.45	22.47	22.39		
10	QPSK	1	25	22.30	22.38	22.33	24	0
10	QPSK	1	49	22.29	22.40	22.37		
10	QPSK	25	0	22.32	22.39	22.37		
10	QPSK	25	12	22.30	22.24	22.15	24	0
10	QPSK	25	25	22.37	22.28	22.33		
10	QPSK	50	0	22.22	22.24	22.31		
10	16QAM	1	0	22.21	22.31	22.20		
10	16QAM	1	25	22.33	22.28	22.44	24	0
10	16QAM	1	49	22.32	22.20	22.26		
10	16QAM	25	0	21.70	21.55	21.60		
10	16QAM	25	12	21.51	21.57	21.31

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	22.35	22.37	22.10	24	0
10	QPSK	1	25	22.17	22.21	22.19		
10	QPSK	1	49	22.06	22.08	22.14		
10	QPSK	25	0	22.06	22.26	22.11	24	0
10	QPSK	25	12	22.16	22.18	22.15		
10	QPSK	25	25	22.11	22.03	22.16		
10	QPSK	50	0	22.02	22.17	22.06		
10	16QAM	1	0	22.07	22.12	22.05	24	0
10	16QAM	1	25	22.05	22.22	22.24		
10	16QAM	1	49	22.15	22.07	22.05		
10	16QAM	25	0	21.42	21.32	21.42	23	1
10	16QAM	25	12	21.46	21.33	21.10		
10	16QAM	25	25	21.27	21.57	21.18		
10	16QAM	50	0	21.43	21.58	21.28		
10	64QAM	1	0	21.45	21.18	21.34	23	1
10	64QAM	1	25	21.46	21.17	21.12		
10	64QAM	1	49	21.09	21.42	21.39		
10	64QAM	25	0	20.54	20.30	20.51	22	2
10	64QAM	25	12	20.20	20.46	20.23		
10	64QAM	25	25	20.32	20.29	20.20		
10	64QAM	50	0	20.28	20.39	20.41		
10	256QAM	1	0	18.45	18.47	18.03	20	4
10	256QAM	1	25	18.21	18.11	18.18		
10	256QAM	1	49	18.32	18.10	18.32		
10	256QAM	25	0	18.32	18.53	18.20	20	4
10	256QAM	25	12	18.44	18.18	18.20		
10	256QAM	25	25	18.33	18.20	18.42		
10	256QAM	50	0	18.12	18.41	18.37		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.18	22.25	22.17	24	0
5	QPSK	1	12	22.18	22.24	22.26		
5	QPSK	1	24	22.05	22.28	22.23		
5	QPSK	12	0	22.00	22.29	22.19	24	0
5	QPSK	12	7	22.21	22.04	22.28		
5	QPSK	12	13	22.13	22.09	22.26		
5	QPSK	25	0	22.03	22.12	22.21		
5	16QAM	1	0	22.06	22.18	22.02	24	0
5	16QAM	1	12	22.00	22.21	22.36		
5	16QAM	1	24	22.10	22.05	22.20		
5	16QAM	12	0	21.39	21.36	21.40	23	1
5	16QAM	12	7	21.44	21.41	21.27		
5	16QAM	12	13	21.19	21.64	21.33		
5	16QAM	25	0	21.54	21.54	21.33		
5	64QAM	1	0	21.42	21.27	21.43	23	1
5	64QAM	1	12	21.36	21.27	21.29		
5	64QAM	1	24	21.11	21.33	21.43		
5	64QAM	12	0	20.40	20.39	20.45	22	2
5	64QAM	12	7	20.29	20.47	20.27		
5	64QAM	12	13	20.19	20.28	20.13		
5	64QAM	25	0	20.40	20.26	20.22		
5	256QAM	1	0	18.55	18.36	18.55	20	4
5	256QAM	1	12	18.14	18.33	18.15		
5	256QAM	1	24	18.55	18.16	18.38		
5	256QAM	12	0	18.45	18.51	18.30	20	4
5	256QAM	12	7	18.34	18.20	18.29		
5	256QAM	12	13	18.24	18.30	18.49		
5	256QAM	25	0	18.15	18.24	18.38		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.35	22.29	22.20	24	0
3	QPSK	1	8	22.18	22.33	22.17		
3	QPSK	1	14	22.09	22.20	22.18		
3	QPSK	8	0	22.00	22.10	22.27	24	0
3	QPSK	8	4	22.17	22.18	22.13		
3	QPSK	8	7	22.06	22.07	22.01		
3	QPSK	15	0	22.19	22.10	22.13		
3	16QAM	1	0	22.01	22.16	22.06	24	0
3	16QAM	1	8	22.01	22.09	22.33		
3	16QAM	1	14	22.16	22.00	22.05		
3	16QAM	8	0	21.49	21.41	21.39	23	1
3	16QAM	8	4	21.38	21.51	21.16		
3	16QAM	8	7	21.18	21.51	21.33		
3	16QAM	15	0	21.55	21.40	21.41		
3	64QAM	1	0	21.36	21.22	21.49	23	1
3	64QAM	1	8	21.48	21.25	21.15		
3	64QAM	1	14	21.21	21.33	21.37		
3	64QAM	8	0	20.53	20.37	20.49	22	2
3	64QAM	8	4	20.15	20.31	20.25		
3	64QAM	8	7	20.23	20.18	20.22		
3	64QAM	15	0	20.37	20.24	20.35		
3	256QAM	1	0	18.52	18.43	18.15	20	4
3	256QAM	1	8	18.28	18.28	18.17		
3	256QAM	1	14	18.51	18.10	18.43		
3	256QAM	8	0	18.50	18.34	18.16	20	4
3	256QAM	8	4	18.34	18.17	18.34		
3	256QAM	8	7	18.28	18.09	18.52		
3	256QAM	15	0	18.11	18.32	18.43		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.32	22.47	22.29	24	0
1.4	QPSK	1	3	22.32	22.26	22.45		
1.4	QPSK	1	5	22.44	22.31	22.22		
1.4	QPSK	3	0	22.23	22.32	22.07		
1.4	QPSK	3	1	22.24	22.33	22.19		
1.4	QPSK	3	3	22.31	22.13	22.25		
1.4	QPSK	6	0	22.30	22.32	22.15	24	0
1.4	16QAM	1	0	22.23	22.18	22.18	24	0
1.4	16QAM	1	3	22.17	22.10	22.23		
1.4	16QAM	1	5	22.33	22.19	22.15		
1.4	16QAM	3	0	22.17	22.33	22.29		
1.4	16QAM	3	1	22.11	22.28	22.27		
1.4	16QAM	3	3	22.46	22.14	22.23		
1.4	16QAM	6	0	21.53	21.50	21.26	23	1
1.4	64QAM	1	0	21.50	21.39	21.59	23	1
1.4	64QAM	1	3	21.42	21.11	21.53		
1.4	64QAM	1	5	21.09	21.42	21.27		
1.4	64QAM	3	0	21.38	21.48	21.45		
1.4	64QAM	3	1	21.25	21.20	21.38		
1.4	64QAM	3	3	21.30	21.32	21.15		
1.4	64QAM	6	0	20.29	20.68	20.27	22	2
1.4	256QAM	1	0	18.62	18.43	18.53	20	4
1.4	256QAM	1	3	18.40	18.49	18.22		
1.4	256QAM	1	5	18.40	18.57	18.68		
1.4	256QAM	3	0	18.58	18.46	18.36		
1.4	256QAM	3	1	18.12	18.53	18.53		
1.4	256QAM	3	3	18.60	18.54	18.52		
1.4	256QAM	6	0	18.54	18.51	18.30	20	4

22.09

Band 13 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.32		24	0
10	QPSK	1	25		22.21			
10	QPSK	1	49		22.25			
10	QPSK	25	0		22.28		24	0
10	QPSK	25	12		22.19			
10	QPSK	25	25		22.06			
10	QPSK	50	0		22.11			
10	16QAM	1	0		22.06		24	0
10	16QAM	1	25		22.14			
10	16QAM	1	49		22.07			
10	16QAM	25	0		21.28		23	1
10	16QAM	25	12		21.28			
10	16QAM	25	25		21.38			
10	16QAM	50	0		21.53			
10	64QAM	1	0		21.16		23	1
10	64QAM	1	25		21.22			
10	64QAM	1	49		21.45			
10	64QAM	25	0		20.25		22	2
10	64QAM	25	12		20.49			
10	64QAM	25	25		20.22			
10	64QAM	50	0		20.29			
10	256QAM	1	0		18.09		20	4
10	256QAM	1	25		18.03			
10	256QAM	1	49		18.09			
10	256QAM	25	0		18.63		20	4
10	256QAM	25	12		18.14			
10	256QAM	25	25		18.29			
10	256QAM	50	0		18.35			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.28	22.28	22.01	24	0
5	QPSK	1	12	22.08	22.04	22.17		
5	QPSK	1	24	22.17	22.15	22.06		
5	QPSK	12	0	22.05	22.24	22.00	24	0
5	QPSK	12	7	22.00	22.02	22.00		
5	QPSK	12	13	22.00	22.05	22.14		
5	QPSK	25	0	22.00	22.09	22.03		
5	16QAM	1	0	22.04	22.03	22.00	24	0
5	16QAM	1	12	22.01	22.19	22.10		
5	16QAM	1	24	22.01	22.05	22.09		
5	16QAM	12	0	21.40	21.21	21.22	23	1
5	16QAM	12	7	21.45	21.18	21.02		
5	16QAM	12	13	21.24	21.39	21.12		
5	16QAM	25	0	21.42	21.54	21.21		
5	64QAM	1	0	21.30	21.06	21.25	23	1
5	64QAM	1	12	21.32	21.08	21.00		
5	64QAM	1	24	21.06	21.34	21.36		
5	64QAM	12	0	20.46	20.13	20.41	22	2
5	64QAM	12	7	20.02	20.40	20.10		
5	64QAM	12	13	20.17	20.29	20.17		
5	64QAM	25	0	20.17	20.36	20.36		
5	256QAM	1	0	18.28	18.41	18.25	20	4
5	256QAM	1	12	18.14	18.03	18.11		
5	256QAM	1	24	18.25	18.03	18.32		
5	256QAM	12	0	18.22	18.45	18.00	20	4
5	256QAM	12	7	18.30	18.11	18.19		
5	256QAM	12	13	18.31	18.20	18.28		
5	256QAM	25	0	18.06	18.35	18.34		

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	22.30	22.32	22.18	24	0
10	QPSK	1	25	22.01	22.01	22.03		
10	QPSK	1	49	22.06	22.13	22.02		
10	QPSK	25	0	22.12	22.23	22.03	24	0
10	QPSK	25	12	22.00	22.14	22.15		
10	QPSK	25	25	22.07	22.10	22.13		
10	QPSK	50	0	22.05	22.19	22.06		
10	16QAM	1	0	22.23	22.01	22.11	24	0
10	16QAM	1	25	22.19	22.08	22.20		
10	16QAM	1	49	22.11	22.15	22.14		
10	16QAM	25	0	21.36	21.26	21.23	23	1
10	16QAM	25	12	21.44	21.30	21.00		
10	16QAM	25	25	21.12	21.15	21.15		
10	16QAM	50	0	21.42	21.46	21.17		
10	64QAM	1	0	21.27	21.01	21.32	23	1
10	64QAM	1	25	21.35	21.12	21.01		
10	64QAM	1	49	21.08	21.26	21.27		
10	64QAM	25	0	20.51	20.11	20.45	22	2
10	64QAM	25	12	20.03	20.32	20.04		
10	64QAM	25	25	20.29	20.18	20.20		
10	64QAM	50	0	20.11	20.36	20.32		
10	256QAM	1	0	18.32	18.07	18.08	20	4
10	256QAM	1	25	18.07	18.28	18.06		
10	256QAM	1	49	18.31	18.07	18.20		
10	256QAM	25	0	18.28	18.48	18.06	20	4
10	256QAM	25	12	18.29	18.11	18.08		
10	256QAM	25	25	18.28	18.14	18.31		
10	256QAM	50	0	18.06	18.25	18.21		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.21	22.25	22.08	24	0
5	QPSK	1	12	22.16	22.14	22.16		
5	QPSK	1	24	22.03	22.27	22.05		
5	QPSK	12	0	22.05	22.21	22.10	24	0
5	QPSK	12	7	22.14	22.17	22.12		
5	QPSK	12	13	22.12	22.03	22.14		
5	QPSK	25	0	22.08	22.00	22.03		
5	16QAM	1	0	22.04	22.01	22.04	24	0
5	16QAM	1	12	22.04	22.21	22.07		
5	16QAM	1	24	22.06	22.05	22.09		
5	16QAM	12	0	21.36	21.20	21.29	23	1
5	16QAM	12	7	21.42	21.23	21.04		
5	16QAM	12	13	21.27	21.04	21.02		
5	16QAM	25	0	21.30	21.53	21.08		
5	64QAM	1	0	21.26	21.06	21.14	23	1
5	64QAM	1	12	21.38	21.03	21.27		
5	64QAM	1	24	21.22	21.24	21.35		
5	64QAM	12	0	20.34	20.28	20.44	22	2
5	64QAM	12	7	20.02	20.42	20.20		
5	64QAM	12	13	20.24	20.10	20.17		
5	64QAM	25	0	20.24	20.32	20.21		
5	256QAM	1	0	18.30	18.32	18.15	20	4
5	256QAM	1	12	18.04	18.08	18.11		
5	256QAM	1	24	18.13	18.09	18.27		
5	256QAM	12	0	18.26	18.50	18.02	20	4
5	256QAM	12	7	18.32	18.02	18.15		
5	256QAM	12	13	18.22	18.02	18.27		
5	256QAM	25	0	18.08	18.37	18.36		

Band 25 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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.31	20.35	20.18	21.5	0
20	QPSK	1	49	20.07	20.16	20.19		
20	QPSK	1	99	20.02	20.12	20.10		
20	QPSK	50	0	20.23	20.31	20.19		
20	QPSK	50	24	20.01	20.17	19.92	21.5	0
20	QPSK	50	50	20.09	19.99	19.83		
20	QPSK	100	0	20.15	20.27	20.21		
20	16QAM	1	0	20.21	20.28	20.02	21.5	0
20	16QAM	1	49	20.05	20.14	19.98		
20	16QAM	1	99	20.01	20.01	20.13		
20	16QAM	50	0	20.16	20.15	19.98	21.5	0
20	16QAM	50	24	20.14	20.04	19.95		
20	16QAM	50	50	20.26	20.13	20.00		
20	16QAM	100	0	20.00	20.02	20.04		
20	64QAM	1	0	20.07	20.02	20.04	21.5	0
20	64QAM	1	49	20.21	20.09	19.92		
20	64QAM	1	99	20.08	20.14	20.05		
20	64QAM	50	0	19.54	19.58	19.52	21	0.5
20	64QAM	50	24	19.38	19.52	19.37		
20	64QAM	50	50	19.39	19.32	19.41		
20	64QAM	100	0	19.39	19.54	19.34		
20	256QAM	1	0	17.49	17.66	17.67	19	2.5
20	256QAM	1	49	17.34	17.41	17.36		
20	256QAM	1	99	17.50	17.64	17.62		
20	256QAM	50	0	17.44	17.53	17.34	19	2.5
20	256QAM	50	24	17.40	17.45	17.35		
20	256QAM	50	50	17.48	17.63	17.56		
20	256QAM	100	0	17.49	17.51	17.48		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.14	20.11	20.02	21.5	0
15	QPSK	1	37	20.17	20.02	20.13		
15	QPSK	1	74	20.07	19.99	20.08		
15	QPSK	36	0	20.22	20.13	20.05	21.5	0
15	QPSK	36	20	19.93	20.05	19.92		
15	QPSK	36	39	19.95	20.12	19.82		
15	QPSK	75	0	20.26	20.25	19.94		
15	16QAM	1	0	20.04	20.22	19.94	21.5	0
15	16QAM	1	37	20.14	20.03	19.93		
15	16QAM	1	74	20.16	20.08	20.01		
15	16QAM	36	0	20.02	20.18	20.05	21.5	0
15	16QAM	36	20	20.05	20.17	20.17		
15	16QAM	36	39	20.25	20.15	19.99		
15	16QAM	75	0	19.97	20.01	19.92		
15	64QAM	1	0	20.12	20.15	20.03	21.5	0
15	64QAM	1	37	20.10	19.99	19.78		
15	64QAM	1	74	20.15	19.94	20.03		
15	64QAM	36	0	19.54	19.64	19.58	21	0.5
15	64QAM	36	20	19.45	19.62	19.35		
15	64QAM	36	39	19.38	19.32	19.41		
15	64QAM	75	0	19.39	19.44	19.41		
15	256QAM	1	0	17.44	17.61	17.67	19	2.5
15	256QAM	1	37	17.35	17.47	17.30		
15	256QAM	1	74	17.56	17.62	17.64		
15	256QAM	36	0	17.47	17.53	17.41	19	2.5
15	256QAM	36	20	17.39	17.49	17.43		
15	256QAM	36	39	17.52	17.65	17.56		
15	256QAM	75	0	17.41	17.57	17.38		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.11	20.14	20.17	21.5	0
10	QPSK	1	25	19.97	20.03	20.11		
10	QPSK	1	49	20.06	20.07	19.89		
10	QPSK	25	0	20.22	20.10	19.99	21.5	0
10	QPSK	25	12	20.04	20.03	20.12		
10	QPSK	25	25	19.97	20.01	20.00		
10	QPSK	50	0	20.10	20.27	19.95		
10	16QAM	1	0	20.16	20.19	19.84	21.5	0
10	16QAM	1	25	20.05	20.09	19.92		
10	16QAM	1	49	20.03	20.19	20.15		
10	16QAM	25	0	20.06	19.97	20.09	21.5	0
10	16QAM	25	12	20.08	20.14	19.95		
10	16QAM	25	25	20.23	19.96	20.11		
10	16QAM	50	0	20.01	20.06	20.02		
10	64QAM	1	0	20.01	20.12	19.91	21.5	0
10	64QAM	1	25	20.19	19.89	19.92		
10	64QAM	1	49	20.05	20.02	20.00		
10	64QAM	25	0	19.62	19.62	19.65	21	0.5
10	64QAM	25	12	19.51	19.50	19.34		
10	64QAM	25	25	19.43	19.39	19.38		
10	64QAM	50	0	19.31	19.45	19.42		
10	256QAM	1	0	17.42	17.67	17.68	19	2.5
10	256QAM	1	25	17.28	17.47	17.25		
10	256QAM	1	49	17.52	17.68	17.60		
10	256QAM	25	0	17.41	17.65	17.37	19	2.5
10	256QAM	25	12	17.46	17.45	17.43		
10	256QAM	25	25	17.48	17.61	17.53		
10	256QAM	50	0	17.49	17.53	17.50		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.08	20.30	20.02	21.5	0
5	QPSK	1	12	20.01	20.11	20.15		
5	QPSK	1	24	19.93	20.11	19.93		
5	QPSK	12	0	20.08	20.18	20.00	21.5	0
5	QPSK	12	7	20.03	19.98	19.96		
5	QPSK	12	13	20.04	20.06	19.84		
5	QPSK	25	0	20.13	20.10	19.83		
5	16QAM	1	0	20.00	20.24	19.91	21.5	0
5	16QAM	1	12	20.23	19.92	19.94		
5	16QAM	1	24	19.95	20.04	20.15		
5	16QAM	12	0	19.99	20.16	20.03	21.5	0
5	16QAM	12	7	20.05	20.11	20.04		
5	16QAM	12	13	20.04	19.99	20.01		
5	16QAM	25	0	19.96	20.06	19.97		
5	64QAM	1	0	20.10	20.01	19.97	21.5	0
5	64QAM	1	12	20.21	19.95	19.79		
5	64QAM	1	24	20.22	20.10	19.89		
5	64QAM	12	0	19.60	19.64	19.59	21	0.5
5	64QAM	12	7	19.50	19.51	19.24		
5	64QAM	12	13	19.45	19.39	19.33		
5	64QAM	25	0	19.30	19.48	19.40		
5	256QAM	1	0	17.49	17.57	17.60	19	2.5
5	256QAM	1	12	17.30	17.41	17.34		
5	256QAM	1	24	17.52	17.63	17.59		
5	256QAM	12	0	17.45	17.58	17.36	19	2.5
5	256QAM	12	7	17.34	17.49	17.42		
5	256QAM	12	13	17.48	17.67	17.52		
5	256QAM	25	0	17.42	17.57	17.39		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.17	20.25	19.99	21.5	0
3	QPSK	1	8	20.10	20.08	20.17		
3	QPSK	1	14	20.13	19.98	19.97		
3	QPSK	8	0	20.21	20.10	20.07	21.5	0
3	QPSK	8	4	19.99	20.11	20.06		
3	QPSK	8	7	20.01	19.95	19.91		
3	QPSK	15	0	20.21	20.09	19.98		
3	16QAM	1	0	20.01	20.14	20.03	21.5	0
3	16QAM	1	8	20.12	19.99	19.95		
3	16QAM	1	14	20.14	19.97	20.13		
3	16QAM	8	0	20.00	20.10	20.07	21.5	0
3	16QAM	8	4	20.11	20.23	20.13		
3	16QAM	8	7	20.07	20.07	19.98		
3	16QAM	15	0	20.13	20.05	20.03	21.5	0
3	64QAM	1	0	20.11	20.12	20.05		
3	64QAM	1	8	20.20	19.91	19.82		
3	64QAM	1	14	20.02	19.95	19.85		
3	64QAM	8	0	19.51	19.61	19.63	21	0.5
3	64QAM	8	4	19.42	19.50

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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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.28	22.39	22.16	24	0
15	QPSK	1	37	22.26	22.24	22.14		
15	QPSK	1	74	22.11	22.14	22.13		
15	QPSK	36	0	22.12	22.26	22.18	24	0
15	QPSK	36	20	22.18	22.17	22.21		
15	QPSK	36	39	22.25	22.19	22.25		
15	QPSK	75	0	22.15	22.18	22.11		
15	16QAM	1	0	22.16	22.27	22.24	24	0
15	16QAM	1	37	22.21	22.16	22.19		
15	16QAM	1	74	22.24	22.23	22.34		
15	16QAM	36	0	22.17	22.11	22.16	23	1
15	16QAM	36	20	22.33	22.32	22.25		
15	16QAM	36	39	22.31	22.15	22.13		
15	16QAM	75	0	22.23	22.25	22.26		
15	64QAM	1	0	22.26	22.14	22.19	23	1
15	64QAM	1	37	22.26	22.22	22.27		
15	64QAM	1	74	22.20	22.23	22.19		
15	64QAM	36	0	20.48	20.01	20.27	22	2
15	64QAM	36	20	20.07	20.21	20.02		
15	64QAM	36	39	20.27	20.14	20.20		
15	64QAM	75	0	20.01	20.47	20.41		
15	256QAM	1	0	18.29	18.17	18.24	20	4
15	256QAM	1	37	18.12	18.24	18.13		
15	256QAM	1	74	18.24	18.06	18.30		
15	256QAM	36	0	18.29	18.40	18.10	20	4
15	256QAM	36	20	18.33	18.17	18.18		
15	256QAM	36	39	18.24	18.05	18.40		
15	256QAM	75	0	18.03	18.33	18.20		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.27	22.23	22.19	24	0
10	QPSK	1	25	22.30	22.28	22.19		
10	QPSK	1	49	22.21	22.29	22.12		
10	QPSK	25	0	22.33	22.34	22.17	24	0
10	QPSK	25	12	22.19	22.20	22.26		
10	QPSK	25	25	22.21	22.23	22.20		
10	QPSK	50	0	22.35	22.13	22.35		
10	16QAM	1	0	22.19	22.27	22.12	24	0
10	16QAM	1	25	22.34	22.11	22.29		
10	16QAM	1	49	22.25	22.11	22.21		
10	16QAM	25	0	22.27	22.14	22.24	23	1
10	16QAM	25	12	22.14	22.24	22.35		
10	16QAM	25	25	22.14	22.31	22.22		
10	16QAM	50	0	22.27	22.33	22.30		
10	64QAM	1	0	22.17	22.26	22.28	23	1
10	64QAM	1	25	22.25	22.34	22.14		
10	64QAM	1	49	22.29	22.26	22.29		
10	64QAM	25	0	20.54	20.20	20.53	22	2
10	64QAM	25	12	20.11	20.21	20.09		
10	64QAM	25	25	20.20	20.24	20.11		
10	64QAM	50	0	20.19	20.45	20.41		
10	256QAM	1	0	18.30	18.07	18.10	20	4
10	256QAM	1	25	18.09	18.04	18.05		
10	256QAM	1	49	18.39	18.16	18.18		
10	256QAM	25	0	18.31	18.07	18.05	20	4
10	256QAM	25	12	18.27	18.05	18.02		
10	256QAM	25	25	18.39	18.24	18.20		
10	256QAM	50	0	18.03	18.24	18.33		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.20	22.20	22.11	24	0
5	QPSK	1	12	22.12	22.29	22.29		
5	QPSK	1	24	22.28	22.19	22.20		
5	QPSK	12	0	22.25	22.34	22.26	24	0
5	QPSK	12	7	22.16	22.12	22.30		
5	QPSK	12	13	22.31	22.26	22.31		
5	QPSK	25	0	22.15	22.21	22.31		
5	16QAM	1	0	22.25	22.29	22.24	24	0
5	16QAM	1	12	22.32	22.11	22.22		
5	16QAM	1	24	22.33	22.14	22.28		
5	16QAM	12	0	22.13	22.17	22.21	23	1
5	16QAM	12	7	22.24	22.21	22.17		
5	16QAM	12	13	22.30	22.18	22.29		
5	16QAM	25	0	22.14	22.12	22.19		
5	64QAM	1	0	22.17	22.13	22.25	23	1
5	64QAM	1	12	22.16	22.29	22.30		
5	64QAM	1	24	22.15	22.34	22.25		
5	64QAM	12	0	20.28	20.17	20.28	22	2
5	64QAM	12	7	20.01	20.41	20.01		
5	64QAM	12	13	20.28	20.24	20.15		
5	64QAM	25	0	20.16	20.37	20.30		
5	256QAM	1	0	18.23	18.08	18.06	20	4
5	256QAM	1	12	18.07	18.06	18.17		
5	256QAM	1	24	18.26	18.07	18.18		
5	256QAM	12	0	18.36	18.38	18.13	20	4
5	256QAM	12	7	18.27	18.14	18.13		
5	256QAM	12	13	18.16	18.07	18.32		
5	256QAM	25	0	18.10	18.17	18.13		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.27	22.26	22.24	24	0
3	QPSK	1	8	22.25	22.22	22.30		
3	QPSK	1	14	22.35	22.18	22.26		
3	QPSK	8	0	22.12	22.30	22.26	24	0
3	QPSK	8	4	22.14	22.18	22.26		
3	QPSK	8	7	22.20	22.14	22.16		
3	QPSK	15	0	22.19	22.13	22.31		
3	16QAM	1	0	22.20	22.28	22.27	24	0
3	16QAM	1	8	22.16	22.18	22.11		
3	16QAM	1	14	22.22	22.29	22.12		
3	16QAM	8	0	22.18	22.17	22.30	23	1
3	16QAM	8	4	22.32	22.28	22.13		
3	16QAM	8	7	22.15	22.29	22.28		
3	16QAM	15	0	22.12	22.22	22.13		
3	64QAM	1	0	22.12	22.30	22.24	23	1
3	64QAM	1	8	22.28	22.31	22.22		
3	64QAM	1	14	22.32	22.11	22.29		
3	64QAM	8	0	20.18	20.12	20.36	22	2
3	64QAM	8	4	20.16	20.02	20.16		
3	64QAM	8	7	20.21	20.10	20.24		
3	64QAM	15	0	20.10	20.30	20.24		
3	256QAM	1	0	18.44	18.02	18.15	20	4
3	256QAM	1	8	18.18	18.05	18.17		
3	256QAM	1	14	18.21	18.06	18.26		
3	256QAM	8	0	18.10	18.10	18.16	20	4
3	256QAM	8	4	18.39	18.01	18.03		
3	256QAM	8	7	18.21	18.03	18.34		
3	256QAM	15	0	18.04	18.37	18.18		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.28	22.26	24	0
1.4	QPSK	1	3	22.01	22.06	22.25		
1.4	QPSK	1	5	22.16	22.00	22.01		
1.4	QPSK	3	0	22.07	22.23	22.11		
1.4	QPSK	3	1	22.07	22.05	22.13		
1.4	QPSK	3	3	22.17	22.25	22.06		
1.4	QPSK	6	0	22.01	22.17	22.06	24	0
1.4	16QAM	1	0	22.04	22.21	22.07	24	0
1.4	16QAM	1	3	22.00	22.08	22.19		
1.4	16QAM	1	5	22.20	22.28	22.04		
1.4	16QAM	3	0	22.05	22.10	22.13		
1.4	16QAM	3	1	22.01	22.07	22.27		
1.4	16QAM	3	3	22.09	22.07	22.25		
1.4	16QAM	6	0	21.29	21.31	21.03	23	1
1.4	64QAM	1	0	21.09	21.20	21.17	23	1
1.4	64QAM	1	3	21.30	21.28	21.31		
1.4	64QAM	1	5	21.06	21.11	21.23		
1.4	64QAM	3	0	21.43	21.07	21.06		
1.4	64QAM	3	1	21.00	21.05	21.00		
1.4	64QAM	3	3	21.30	21.24	21.17		
1.4	64QAM	6	0	20.31	20.25	20.31	22	2
1.4	256QAM	1	0	18.30	18.03	18.17	20	4
1.4	256QAM	1	3	18.01	18.27	18.17		
1.4	256QAM	1	5	18.25	18.16	18.00		
1.4	256QAM	3	0	18.11	18.31	18.01		
1.4	256QAM	3	1	18.08	18.22	18.23		
1.4	256QAM	3	3	18.02	18.13	18.27		
1.4	256QAM	6	0	18.06	18.24	18.16	20	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.40	17.46	17.32	19	0
20	QPSK	1	49	17.20	17.31	17.06		
20	QPSK	1	99	17.21	17.16	17.23		
20	QPSK	50	0	17.19	17.43	17.29	19	0
20	QPSK	50	24	17.24	17.34	17.16		
20	QPSK	50	50	17.31	17.20	17.19		
20	QPSK	100	0	17.39	17.41	17.33		
20	16QAM	1	0	17.24	17.24	17.28	19	0
20	16QAM	1	49	17.18	17.38	17.10		
20	16QAM	1	99	17.18	17.38	17.08		
20	16QAM	50	0	17.06	17.24	17.13	19	0
20	16QAM	50	24	17.20	17.25	17.24		
20	16QAM	50	50	17.12	17.20	17.25		
20	16QAM	100	0	17.26	17.06	17.24	19	0
20	64QAM	1	0	17.18	17.36	17.19		
20	64QAM	1	49	17.20	17.26	17.20		
20	64QAM	1	99	17.29	17.09	17.12		
20	64QAM	50	0	17.20	17.40	17.17	19	0
20	64QAM	50	24	17.36	17.28	17.05		
20	64QAM	50	50	17.31	17.16	17.26		
20	64QAM	100	0	17.16	17.19	17.34	19	0
20	256QAM	1	0	17.18	17.34	17.24		
20	256QAM	1	49	17.13	17.26	17.21		
20	256QAM	1	99	17.19	17.35	17.33		
20	256QAM	50	0	17.34	17.20	17.36	19	0
20	256QAM	50	24	17.06	17.29	17.18		
20	256QAM	50	50	17.04	17.31	17.06		
20	256QAM	100	0	17.26	17.22	17.18		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.29	17.39	17.15	19	0
15	QPSK	1	37	17.32	17.40	17.06		
15	QPSK	1	74	17.20	17.13	17.37		
15	QPSK	36	0	17.23	17.30	17.27	19	0
15	QPSK	36	20	17.25	17.28	17.22		
15	QPSK	36	39	17.32	17.16	17.18		
15	QPSK	75	0	17.35	17.19	17.20		
15	16QAM	1	0	17.23	17.26	17.23	19	0
15	16QAM	1	37	17.20	17.26	17.20		
15	16QAM	1	74	17.27	17.39	17.18		
15	16QAM	36	0	17.23	17.30	17.08	19	0
15	16QAM	36	20	17.15	17.23	17.34		
15	16QAM	36	39	17.18	17.10	17.14		
15	16QAM	75	0	17.31	17.17	17.11		
15	64QAM	1	0	17.29	17.19	17.10	19	0
15	64QAM	1	37	17.09	17.32	17.19		
15	64QAM	1	74	17.24	17.18	17.15		
15	64QAM	36	0	17.24	17.37	17.05	19	0
15	64QAM	36	20	17.16	17.28	17.03		
15	64QAM	36	39	17.34	17.30	17.19		
15	64QAM	75	0	17.11	17.15	17.23		
15	256QAM	1	0	17.07	17.33	17.20	19	0
15	256QAM	1	37	17.08	17.12	17.19		
15	256QAM	1	74	17.20	17.36	17.21		
15	256QAM	36	0	17.22	17.34	17.36	19	0
15	256QAM	36	20	17.18	17.30	17.31		
15	256QAM	36	39	17.04	17.18	17.32		
15	256QAM	75	0	17.24	17.06	17.22		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.29	17.38	17.17	19	0
10	QPSK	1	25	17.19	17.35	17.07		
10	QPSK	1	49	17.17	17.09	17.29		
10	QPSK	25	0	17.24	17.34	17.36	19	0
10	QPSK	25	12	17.25	17.30	17.15		
10	QPSK	25	25	17.26	17.16	17.07		
10	QPSK	50	0	17.21	17.28	17.19		
10	16QAM	1	0	17.18	17.20	17.22	19	0
10	16QAM	1	25	17.23	17.27	17.20		
10	16QAM	1	49	17.25	17.28	17.09		
10	16QAM	25	0	17.07	17.34	17.06	19	0
10	16QAM	25	12	17.13	17.28	17.33		
10	16QAM	25	25	17.21	17.27	17.27		
10	16QAM	50	0	17.37	17.25	17.06		
10	64QAM	1	0	17.25	17.19	17.13	19	0
10	64QAM	1	25	17.18	17.12	17.12		
10	64QAM	1	49	17.30	17.28	17.12		
10	64QAM	25	0	17.18	17.36	17.24	19	0
10	64QAM	25	12	17.26	17.21	17.03		
10	64QAM	25	25	17.33	17.36	17.20		
10	64QAM	50	0	17.13	17.29	17.15		
10	256QAM	1	0	17.25	17.33	17.18	19	0
10	256QAM	1	25	17.28	17.33	17.20		
10	256QAM	1	49	17.30	17.39	17.30		
10	256QAM	25	0	17.38	17.37	17.28	19	0
10	256QAM	25	12	17.13	17.14	17.28		
10	256QAM	25	25	17.16	17.21	17.09		
10	256QAM	50	0	17.26	17.11	17.07		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.41	17.30	17.19	19	0
5	QPSK	1	12	17.34	17.32	17.02		
5	QPSK	1	24	17.15	17.09	17.15		
5	QPSK	12	0	17.22	17.42	17.19	19	0
5	QPSK	12	7	17.26	17.32	17.39		
5	QPSK	12	13	17.29	17.18	17.14		
5	QPSK	25	0	17.35	17.19	17.29		
5	16QAM	1	0	17.16	17.19	17.15	19	0
5	16QAM	1	12	17.23	17.35	17.07		
5	16QAM	1	24	17.16	17.39	17.19		
5	16QAM	12	0	17.04	17.16	17.07	19	0
5	16QAM	12	7	17.19	17.30	17.15		
5	16QAM	12	13	17.24	17.25	17.33		
5	16QAM	25	0	17.29	17.19	17.10		
5	64QAM	1	0	17.17	17.21	17.26	19	0
5	64QAM	1	12	17.12	17.21	17.21		
5	64QAM	1	24	17.24	17.24	17.14		
5	64QAM	12	0	17.25	17.29	17.21	19	0
5	64QAM	12	7	17.15	17.32	17.23		
5	64QAM	12	13	17.35	17.27	17.36		
5	64QAM	25	0	17.13	17.26	17.24		
5	256QAM	1	0	17.06	17.26	17.20	19	0
5	256QAM	1	12	17.07	17.28	17.34		
5	256QAM	1	24	17.16	17.29	17.37		
5	256QAM	12	0	17.29	17.43	17.36	19	0
5	256QAM	12	7	17.15	17.12	17.16		
5	256QAM	12	13	17.21	17.17	17.16		
5	256QAM	25	0	17.34	17.19	17.13		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.21	17.31	17.21	19	0
3	QPSK	1	8	17.17	17.38	17.10		
3	QPSK	1	14	17.15	17.23	17.31		
3	QPSK	8	0	17.18	17.23	17.29	19	0
3	QPSK	8	4	17.18	17.28	17.16		
3	QPSK	8	7	17.30	17.27	17.07		
3	QPSK	15	0	17.36	17.18	17.21	19	0
3	16QAM	1	0	17.15	17.23	17.18		
3	16QAM	1	8	17.32	17.20	17.18		
3	16QAM	1	14	17.32	17.35	17.14		
3	16QAM	8	0	17.10	17.18	17.03	19	0
3	16QAM	8	4	17.07	17.25	17.26		
3	16QAM	8	7	17.14	17.25	17.33		
3	16QAM	15	0	17.17	17.30	17.15	19	0
3	64QAM	1	0	17.24	17.34	17.21		
3	64QAM	1	8	17.20	17.18	17.12		
3	64QAM	1	14	17.10	17.23	17.05		
3	64QAM	8	0	17.06	17.30	17.18	19	0
3	64QAM	8	4	17.29	17.28	17.15		
3	64QAM	8	7	17.27	17.30	17.20		
3	64QAM	15	0	17.17	17.29	17.37	19	0
3	256QAM	1	0	17.16	17.37	17.11		
3	256QAM	1	8	17.26	17.10	17.32		
3	256QAM	1	14	17.12	17.31	17.20		
3	256QAM	8	0	17.39	17.33	17.35	19	0
3	256QAM	8	4	17.02	17.32	17.26		
3	256QAM	8	7	17.18	17.26	17.12		
3	256QAM	15	0	17.17	17.11	17.03	19	0
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.27	17.31	17.22	19	0
1.4	QPSK	1	3	17.32	17.32	17.04		
1.4	QPSK	1	5	17.15	17.24	17.21		
1.4	QPSK	3	0	17.23	17.23	17.21		
1.4	QPSK	3	1	17.27	17.19	17.17		
1.4	QPSK	3	3	17.19	17.28	17.27		
1.4	QPSK	6	0	17.18	17.20	17.17	19	0
1.4	16QAM	1	0	17.28	17.32	17.17	19	0
1.4	16QAM	1	3	17.18	17.23	17.06		
1.4	16QAM	1	5	17.13	17.23	17.18		
1.4	16QAM	3	0	17.03	17.35	17.19		
1.4	16QAM	3	1	17.21	17.13	17.29		
1.4	16QAM	3	3	17.32	17.11	17.36		
1.4	16QAM	6	0	17.34	17.20	17.10	19	0
1.4	64QAM	1	0	17.21	17.29	17.22	19	0
1.4	64QAM	1	3	17.22	17.29	17.25		
1.4	64QAM	1	5	17.31	17.23	17.06		
1.4	64QAM	3	0	17.20	17.42	17.09		
1.4	64QAM	3	1	17.17	17.21	17.14		
1.4	64QAM	3	3	17.17	17.22	17.35		
1.4	64QAM	6	0	17.15	17.24	17.20	19	0
1.4	256QAM	1	0	17.25	17.40	17.06	19	0
1.4	256QAM	1	3	17.12	17.13	17.28		
1.4	256QAM	1	5	17.16	17.32	17.34		
1.4	256QAM	3	0	17.25	17.41	17.37		
1.4	256QAM	3	1	17.03	17.28	17.35		
1.4	256QAM	3	3	17.12	17.28	17.23		
1.4	256QAM	6	0	17.33	17.17	17.17	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.89	20.92	20.85	22.4	0
20	QPSK	1	49	20.74	20.78	20.64		
20	QPSK	1	99	20.76	20.78	20.67		
20	QPSK	50	0	20.78	20.89	20.82	22.4	0
20	QPSK	50	24	20.68	20.85	20.80		
20	QPSK	50	50	20.61	20.71	20.87		
20	QPSK	100	0	20.71	20.88	20.67		
20	16QAM	1	0	20.46	20.65	20.77	22.4	0
20	16QAM	1	49	20.70	20.74	20.63		
20	16QAM	1	99	20.71	20.84	20.60		
20	16QAM	50	0	20.59	20.91	20.57	22.4	0
20	16QAM	50	24	20.60	20.69	20.74		
20	16QAM	50	50	20.66	20.64	20.62		
20	16QAM	100	0	20.83	20.63	20.78		
20	64QAM	1	0	20.82	20.86	20.77	22.4	0
20	64QAM	1	49	20.57	20.77	20.74		
20	64QAM	1	99	20.68	20.72	20.46		
20	64QAM	50	0	20.61	20.68	20.49	22.4	0
20	64QAM	50	24	20.91	20.77	20.55		
20	64QAM	50	50	20.86	20.68	20.82		
20	64QAM	100	0	20.60	20.53	20.68		
20	256QAM	1	0	19.01	19.26	19.06	20.9	1.5
20	256QAM	1	49	19.40	19.32	19.23		
20	256QAM	1	99	19.42	19.15	19.42		
20	256QAM	50	0	19.32	19.32	19.25	20.9	1.5
20	256QAM	50	24	19.09	19.45	19.28		
20	256QAM	50	50	19.24	19.41	19.01		
20	256QAM	100	0	19.19	19.01	19.28		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.67	20.81	20.71	22.4	0
15	QPSK	1	37	20.73	20.65	20.64		
15	QPSK	1	74	20.72	20.78	20.67		
15	QPSK	36	0	20.73	20.82	20.76	22.4	0
15	QPSK	36	20	20.65	20.76	20.70		
15	QPSK	36	39	20.55	20.69	20.66		
15	QPSK	75	0	20.56	20.75	20.52		
15	16QAM	1	0	20.65	20.52	20.60	22.4	0
15	16QAM	1	37	20.71	20.62	20.54		
15	16QAM	1	74	20.54	20.84	20.56		
15	16QAM	36	0	20.41	20.71	20.55	22.4	0
15	16QAM	36	20	20.47	20.66	20.74		
15	16QAM	36	39	20.46	20.54	20.60		
15	16QAM	75	0	20.73	20.43	20.71		
15	64QAM	1	0	20.64	20.74	20.65	22.4	0
15	64QAM	1	37	20.63	20.72	20.64		
15	64QAM	1	74	20.50	20.61	20.60		
15	64QAM	36	0	20.44	20.46	20.65	22.4	0
15	64QAM	36	20	20.87	20.66	20.49		
15	64QAM	36	39	20.77	20.53	20.66		
15	64QAM	75	0	20.59	20.70	20.60		
15	256QAM	1	0	19.06	19.32	19.00	20.9	1.5
15	256QAM	1	37	19.40	19.34	19.11		
15	256QAM	1	74	19.42	19.15	19.50		
15	256QAM	36	0	19.15	19.35	19.29	20.9	1.5
15	256QAM	36	20	19.07	19.37	19.15		
15	256QAM	36	39	19.30	19.41	19.09		
15	256QAM	75	0	19.13	19.22	19.26		
Channel				37300	38000	38700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.75	20.72	20.63	22.4	0
10	QPSK	1	25	20.64	20.66	20.55		
10	QPSK	1	49	20.70	20.61	20.46		
10	QPSK	25	0	20.72	20.78	20.75	22.4	0
10	QPSK	25	12	20.66	20.85	20.77		
10	QPSK	25	25	20.48	20.66	20.75		
10	QPSK	50	0	20.56	20.84	20.68		
10	16QAM	1	0	20.44	20.58	20.63	22.4	0
10	16QAM	1	25	20.56	20.68	20.51		
10	16QAM	1	49	20.59	20.82	20.52		
10	16QAM	25	0	20.57	20.85	20.73	22.4	0
10	16QAM	25	12	20.48	20.59	20.66		
10	16QAM	25	25	20.59	20.66	20.52		
10	16QAM	50	0	20.70	20.42	20.72		
10	64QAM	1	0	20.61	20.72	20.63	22.4	0
10	64QAM	1	25	20.48	20.66	20.65		
10	64QAM	1	49	20.55	20.57	20.79		
10	64QAM	25	0	20.55	20.47	20.49	22.4	0
10	64QAM	25	12	20.70	20.65	20.54		
10	64QAM	25	25	20.71	20.57	20.67		
10	64QAM	50	0	20.42	20.40	20.50		
10	256QAM	1	0	19.01	19.19	18.95	20.9	1.5
10	256QAM	1	25	19.33	19.19	19.11		
10	256QAM	1	49	19.23	19.16	19.40		
10	256QAM	25	0	19.35	19.37	19.23	20.9	1.5
10	256QAM	25	12	19.19	19.32	19.16		
10	256QAM	25	25	19.36	19.32	19.00		
10	256QAM	50	0	19.15	19.22	19.18		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	20.81	20.83	20.67	22.4	0
5	QPSK	1	12	20.68	20.64	20.45		
5	QPSK	1	24	20.77	20.71	20.65		
5	QPSK	12	0	20.75	20.73	20.67	22.4	0
5	QPSK	12	7	20.47	20.73	20.75		
5	QPSK	12	13	20.60	20.72	20.81		
5	QPSK	25	0	20.53	20.87	20.61		
5	16QAM	1	0	20.67	20.64	20.62	22.4	0
5	16QAM	1	12	20.64	20.54	20.44		
5	16QAM	1	24	20.59	20.82	20.73		
5	16QAM	12	0	20.53	20.85	20.78	22.4	0
5	16QAM	12	7	20.42	20.59	20.60		
5	16QAM	12	13	20.62	20.47	20.53		
5	16QAM	25	0	20.75	20.64	20.70		
5	64QAM	1	0	20.67	20.73	20.57	22.4	0
5	64QAM	1	12	20.51	20.60	20.59		
5	64QAM	1	24	20.55	20.64	20.47		
5	64QAM	12	0	20.42	20.68	20.40	22.4	0
5	64QAM	12	7	20.76	20.78	20.53		
5	64QAM	12	13	20.84	20.68	20.78		
5	64QAM	25	0	20.61	20.43	20.60		
5	256QAM	1	0	18.99	19.16	19.00	20.9	1.5
5	256QAM	1	12	19.30	19.35	19.13		
5	256QAM	1	24	19.39	19.28	19.47		
5	256QAM	12	0	19.30	19.46	19.22	20.9	1.5
5	256QAM	12	7	19.06	19.29	19.11		
5	256QAM	12	13	19.20	19.26	19.02		
5	256QAM	25	0	19.17	19.05	19.28		

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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	20.82	20.98	21.01	20.90	20.92	22.4	0
20	QPSK	1	49	20.72	20.72	20.52	20.87	20.70		
20	QPSK	1	99	20.87	20.69	20.79	20.72	20.61		
20	QPSK	50	0	20.81	20.92	20.99	20.87	20.86	22.4	0
20	QPSK	50	24	20.58	20.90	20.83	20.82	20.73		
20	QPSK	50	50	20.65	20.80	20.98	20.80	20.87		
20	QPSK	100	0	20.76	20.93	20.96	20.93	20.67		
20	16QAM	1	0	20.62	20.55	20.84	20.71	20.65	22.4	0
20	16QAM	1	49	20.61	20.67	20.69	20.75	20.59		
20	16QAM	1	99	20.79	20.83	20.65	20.86	20.65		
20	16QAM	50	0	20.58	20.83	20.62	20.86	20.63	22.4	0
20	16QAM	50	24	20.64	20.71	20.62	20.67	20.63		
20	16QAM	50	50	20.61	20.61	20.61	20.63	20.53		
20	16QAM	100	0	20.82	20.63	20.89	20.54	20.68		
20	64QAM	1	0	20.93	20.95	20.84	20.92	20.75	22.4	0
20	64QAM	1	49	20.54	20.80	20.64	20.74	20.79		
20	64QAM	1	99	20.69	20.60	20.46	20.83	20.64		
20	64QAM	50	0	20.71	20.80	20.64	20.69	20.60	22.4	0
20	64QAM	50	24	20.91	20.78	20.55	20.69	20.49		
20	64QAM	50	50	20.98	20.62	20.84	20.77	20.89		
20	64QAM	100	0	20.62	20.47	20.79	20.61	20.71		
20	256QAM	1	0	19.10	19.33	19.14	19.30	19.18	20.9	1.5
20	256QAM	1	49	19.47	19.22	19.18	19.41	19.30		
20	256QAM	1	99	19.12	19.08	19.27	19.21	19.41		
20	256QAM	50	0	19.16	19.40	19.15	19.17	19.41	20.9	1.5
20	256QAM	50	24	19.14	19.52	19.11	19.34	19.15		
20	256QAM	50	50	19.46	19.25	19.19	19.29	19.29		
20	256QAM	100	0	19.02	18.95	19.15	19.12	19.17		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.94	20.90	20.92	20.85	20.80	22	0
15	QPSK	1	37	20.63	20.76	20.71	20.75	20.67		
15	QPSK	1	74	20.71	20.87	20.64	20.84	20.57		
15	QPSK	36	0	20.68	20.99	20.75	20.91	20.86	22.4	0
15	QPSK	36	20	20.78	20.94	20.82	20.77	20.70		
15	QPSK	36	39	20.52	20.83	20.77	20.76	20.81		
15	QPSK	75	0	20.78	20.98	20.67	20.95	20.58		
15	16QAM	1	0	20.54	20.54	20.76	20.69	20.69	22.4	0
15	16QAM	1	37	20.75	20.69	20.69	20.81	20.63		
15	16QAM	1	74	20.70	20.92	20.51	20.89	20.54		
15	16QAM	36	0	20.56	20.81	20.57	20.80	20.61	22.4	0
15	16QAM	36	20	20.62	20.63	20.78	20.78	20.73		
15	16QAM	36	39	20.71	20.75	20.65	20.52	20.57		
15	16QAM	75	0	20.78	20.66	20.77	20.58	20.80		
15	64QAM	1	0	20.91	20.81	20.74	20.87	20.76	22.4	0
15	64QAM	1	37	20.68	20.65	20.77	20.79	20.85		
15	64QAM	1	74	20.73	20.68	20.48	20.81	20.45		
15	64QAM	36	0	20.68	20.75	20.53	20.60	20.50	22.4	0
15	64QAM	36	20	20.92	20.88	20.61	20.72	20.66		
15	64QAM	36	39	20.87	20.75	20.82	20.63	20.84		
15	64QAM	75	0	20.67	20.62	20.62	20.59	20.62		
15	256QAM	1	0	19.10	19.11	19.19	19.30	19.09	20.9	1.5
15	256QAM	1	37	19.23	19.15	19.24	19.23	18.93		
15	256QAM	1	74	19.31	19.14	19.37	19.14	19.23		
15	256QAM	36	0	19.16	19.40	19.36	19.32	19.38	20.9	1.5
15	256QAM	36	20	19.18	19.31	19.24	19.26	19.20		
15	256QAM	36	39	19.31	19.23	19.14	19.36	19.14		
15	256QAM	75	0	19.08	19.06	19.12	19.23	19.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.86	20.92	20.88	20.86	20.89	22	0
10	QPSK	1	25	20.82	20.86	20.55	20.83	20.59		
10	QPSK	1	49	20.86	20.72	20.60	20.72	20.61		
10	QPSK	25	0	20.77	20.91	20.79	20.92	20.89	22.4	0
10	QPSK	25	12	20.64	20.91	20.92	20.74	20.79		
10	QPSK	25	25	20.52	20.82	20.88	20.80	20.79		
10	QPSK	50	0	20.65	20.92	20.63	20.93	20.60		
10	16QAM	1	0	20.41	20.74	20.66	20.57	20.73	22.4	0
10	16QAM	1	25	20.59	20.80	20.59	20.78	20.64		
10	16QAM	1	49	20.60	20.84	20.55	20.76	20.72		
10	16QAM	25	0	20.64	20.89	20.67	20.95	20.55	22.4	0
10	16QAM	25	12	20.63	20.77	20.77	20.64	20.72		
10	16QAM	25	25	20.69	20.64	20.55	20.62	20.60		
10	16QAM	50	0	20.90	20.56	20.71	20.64	20.83		
10	64QAM	1	0	20.84	20.87	20.86	20.98	20.66	22.4	0
10	64QAM	1	25	20.66	20.82	20.73	20.82	20.81		
10	64QAM	1	49	20.70	20.64	20.48	20.77	20.55		
10	64QAM	25	0	20.64	20.75	20.91	20.61	20.60	22.4	0
10	64QAM	25	12	21.00	20.76	20.64	20.72	20.55		
10	64QAM	25	25	20.75	20.69	20.73	20.73	20.89		
10	64QAM	50	0	20.52	20.56	20.74	20.61	20.66		
10	256QAM	1	0	19.15	19.27	19.16	19.38	19.05	20.9	1.5
10	256QAM	1	25	19.41	19.21	19.02	19.29	18.93		
10	256QAM	1	49	19.19	19.06	19.27	19.18	19.23		
10	256QAM	25	0	19.15	19.35	19.23	19.23	19.48	20.9	1.5
10	256QAM	25	12	19.08	19.46	19.18	19.43	19.29		
10	256QAM	25	25	19.33	19.27	19.13	19.22	19.29		
10	256QAM	50	0	19.07	19.15	19.00	19.19	19.18		
Channel				39675	40140	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.96	20.90	20.82	20.83	20.90	22	0
5	QPSK	1	12	20.70	20.88	20.60	20.85	20.73		
5	QPSK	1	24	20.87	20.83	20.66	20.72	20.74		
5	QPSK	12	0	20.78	20.92	20.77	20.90	20.82	22.4	0
5	QPSK	12	7	20.57	20.88	20.91	20.87	20.83		
5	QPSK	12	13	20.54	20.68	20.81	20.67	20.95		
5	QPSK	25	0	20.78	20.82	20.61	20.98	20.68		
5	16QAM	1	0	20.71	20.67	20.66	20.67	20.85	22.4	0
5	16QAM	1	12	20.80	20.63	20.64	20.74	20.69		
5	16QAM	1	24	20.64	20.82	20.71	20.94	20.55		
5	16QAM	12	0	20.52	20.82	20.55	21.00	20.87	22.4	0
5	16QAM	12	7	20.87	20.64	20.64	20.68	20.84		
5	16QAM	12	13	20.64	20.75	20.70	20.72	20.55		
5	16QAM	25	0	20.91	20.61	20.76	20.57	20.78		
5	64QAM	1	0	20.72	20.92	20.76	20.97	20.73	22.4	0
5	64QAM	1	12	20.64	20.87	20.73	20.68	20.65		
5	64QAM	1	24	20.66	20.70	20.87	20.83	20.54		
5	64QAM	12	0	20.87	20.66	20.56	20.67	20.87	22.4	0
5	64QAM	12	7	21.00	20.75	20.66	20.79	20.53		
5	64QAM	12	13	20.91	20.68	20.87	20.62	20.85		
5	64QAM	25	0	20.71	20.46	20.68	20.45	20.63		
5	256QAM	1	0	19.05	19.34	19.18	19.18	19.10	20.9	1.5
5	256QAM	1	12	19.22	19.20	19.04	19.18	18.92		
5	256QAM	1	24	19.15	19.10	19.18	19.03	19.23		
5	256QAM	12	0	19.11	19.33	19.29	19.32	19.45	20.9	1.5
5	256QAM	12	7	19.15	19.53	19.17	19.30	19.35		
5	256QAM	12	13	19.25	19.23	19.16	19.30	19.30		
5	256QAM	25	0	19.11	18.94	19.18	19.29	19.13		

Band 41 HPUE Ant0 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	22.41	22.60	22.76	22.62	22.58	24	0
20	QPSK	1	49	22.52	22.49	22.42	22.73	22.59		
20	QPSK	1	99	22.71	22.58	22.64	22.55	22.50		
20	QPSK	50	0	22.37	22.54	22.75	22.61	22.53	24	0
20	QPSK	50	24	22.29	22.63	22.47	22.62	22.39		
20	QPSK	50	50	22.39	22.40	22.67	22.44	22.53		
20	QPSK	100	0	22.55	22.53	22.70	22.66	22.33		
20	16QAM	1	0	22.33	22.29	22.50	22.47	22.28	24	0
20	16QAM	1	49	22.42	22.43	22.42	22.54	22.26		
20	16QAM	1	99	22.39	22.47	22.34	22.58	22.45		
20	16QAM	50	0	22.19	22.41	22.25	22.44	22.38	24	0
20	16QAM	50	24	22.32	22.48	22.27	22.30	22.45		
20	16QAM	50	50	22.42	22.24	22.40	22.34	22.25		
20	16QAM	100	0	22.63	22.30	22.63	22.29	22.36		
20	64QAM	1	0	22.52	22.58	22.48	22.47	22.39	24	0
20	64QAM	1	49	22.57	22.60	22.52	22.43	22.45		
20	64QAM	1	99	22.34	22.59	22.63	22.59	22.48		
20	64QAM	50	0	22.41	22.43	22.24	22.51	22.35	24	0
20	64QAM	50	24	22.56	22.60	22.24	22.43	22.48		
20	64QAM	50	50	22.66	22.26	22.53	22.38	22.59		
20	64QAM	100	0	22.28	22.12	22.38	22.35	22.35		
20	256QAM	1	0	21.34	21.39	21.27	21.47	21.37	23	1
20	256QAM	1	49	21.53	21.51	21.35	21.51	21.29		
20	256QAM	1	99	21.38	21.43	21.52	21.32	21.76		
20	256QAM	50	0	21.38	21.51	21.35	21.52	21.59	23	1
20	256QAM	50	24	21.51	21.54	21.46	21.50	21.42		
20	256QAM	50	50	21.51	21.54	21.42	21.53	21.40		
20	256QAM	100	0	21.24	21.34	21.28	21.34	21.38		
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	22.42	22.67	22.69	22.68	22.65	24	0
15	QPSK	1	37	22.42	22.48	22.32	22.64	22.28		
15	QPSK	1	74	22.57	22.44	22.37	22.47	22.22		
15	QPSK	36	0	22.44	22.52	22.68	22.62	22.53	24	0
15	QPSK	36	20	22.20	22.51	22.56	22.61	22.38		
15	QPSK	36	39	22.26	22.54	22.62	22.43	22.54		
15	QPSK	75	0	22.49	22.71	22.54	22.68	22.41		
15	16QAM	1	0	22.69	22.72	22.52	22.31	22.39	24	0
15	16QAM	1	37	22.52	22.38	22.50	22.55	22.33		
15	16QAM	1	74	22.59	22.46	22.24	22.67	22.52		
15	16QAM	36	0	22.27	22.46	22.31	22.53	22.23	24	0
15	16QAM	36	20	22.43	22.43	22.27	22.34	22.30		
15	16QAM	36	39	22.40	22.36	22.21	22.39	22.14		
15	16QAM	75	0	22.51	22.41	22.49	22.31	22.31		
15	64QAM	1	0	22.62	22.59	22.51	22.57	22.34	24	0
15	64QAM	1	37	22.57	22.44	22.24	22.43	22.57		
15	64QAM	1	74	22.36	22.68	22.55	22.49	22.41		
15	64QAM	36	0	22.46	22.55	22.42	22.28	22.31	24	0
15	64QAM	36	20	22.53	22.48	22.30	22.35	22.29		
15	64QAM	36	39	22.57	22.40	22.65	22.49	22.50		
15	64QAM	75	0	22.25	22.13	22.57	22.42	22.33		
15	256QAM	1	0	21.36	21.30	21.47	21.50	21.42	23	1
15	256QAM	1	37	21.48	21.54	21.69	21.52	21.59		
15	256QAM	1	74	21.42	21.51	21.59	21.52	21.76		
15	256QAM	36	0	21.53	21.56	21.52	21.40	21.67	23	1
15	256QAM	36	20	21.41	21.65	21.41	21.56	21.37		
15	256QAM	36	39	21.61	21.42	21.41	21.39	21.41		
15	256QAM	75	0	21.34	21.20	21.36	21.47	21.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.61	22.64	22.67	22.66	22.70	24	0
10	QPSK	1	25	22.63	22.49	22.65	22.64	22.43		
10	QPSK	1	49	22.55	22.47	22.47	22.42	22.35		
10	QPSK	25	0	22.44	22.71	22.73	22.46	22.61	24	0
10	QPSK	25	12	22.65	22.58	22.55	22.62	22.36		
10	QPSK	25	25	22.31	22.48	22.71	22.59	22.51		
10	QPSK	50	0	22.37	22.73	22.69	22.71	22.38		
10	16QAM	1	0	22.27	22.35	22.43	22.43	22.42	24	0
10	16QAM	1	25	22.39	22.44	22.28	22.51	22.25		
10	16QAM	1	49	22.45	22.64	22.30	22.51	22.24		
10	16QAM	25	0	22.36	22.56	22.41	22.67	22.37	24	0
10	16QAM	25	12	22.24	22.44	22.27	22.34	22.28		
10	16QAM	25	25	22.33	22.33	22.28	22.35	22.32		
10	16QAM	50	0	22.55	22.24	22.64	22.24	22.36		
10	64QAM	1	0	22.75	22.73	22.44	22.

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	30.96	31.03	30.91	32.40	21.96	22.03	21.91	23.40
GPRS 1 Tx slot	31.01	31.06	30.97	32.40	22.01	22.06	21.97	23.40
GPRS 2 Tx slots	28.28	28.34	28.23	29.40	22.28	22.34	22.23	23.40
GPRS 3 Tx slots	26.34	26.47	26.39	27.90	22.08	22.21	22.13	23.64
GPRS 4 Tx slots	24.93	25.05	24.91	25.90	21.93	22.05	21.91	22.90
EDGE 1 Tx slot	25.21	25.34	25.33	26.00	16.21	16.34	16.33	17.00
EDGE 2 Tx slots	23.59	23.68	23.62	24.50	17.59	17.68	17.62	18.50
EDGE 3 Tx slots	22.40	22.47	22.37	23.50	18.14	18.21	18.11	19.24
EDGE 4 Tx slots	20.19	20.34	20.24	21.00	17.19	17.34	17.24	18.00

GSM1900 Ant1 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	25.89	25.94	25.80	26.20	16.89	16.94	16.80	17.20
GPRS 1 Tx slot	25.92	25.99	25.88	26.20	16.92	16.99	16.88	17.20
GPRS 2 Tx slots	22.45	22.49	22.41	23.20	16.45	16.49	16.41	17.20
GPRS 3 Tx slots	20.58	20.64	20.46	21.70	16.32	16.38	16.20	17.44
GPRS 4 Tx slots	20.73	20.82	20.76	21.70	17.73	17.82	17.76	18.70
EDGE 1 Tx slot	24.52	24.71	24.68	25.50	15.52	15.71	15.68	16.50
EDGE 2 Tx slots	22.86	22.98	22.80	23.00	16.86	16.98	16.80	17.00
EDGE 3 Tx slots	21.40	21.39	21.48	21.50	17.14	17.13	17.22	17.24
EDGE 4 Tx slots	19.56	19.71	19.62	20.00	16.56	16.71	16.62	17.00

		WCDMA II Ant1 DSI3				WCDMA IV Ant1 DSI3				WCDMA V Ant1 DSI3			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	15.48	15.55	15.51	16.80	14.51	14.58	14.48	15.80	21.02	21.14	21.05	22.50
3GPP Rel 99	RMC 12.2Kbps	15.62	15.65	15.55	16.80	14.53	14.61	14.56	15.80	21.00	21.15	21.01	22.50
3GPP Rel 6	HSDPA Subtest-1	14.41	14.38	14.40	15.80	13.59	13.65	13.43	14.80	20.15	20.21	19.98	21.50
3GPP Rel 6	HSDPA Subtest-2	14.37	14.70	14.33	15.80	13.67	13.61	13.69	14.80	20.01	20.19	20.20	21.50
3GPP Rel 6	HSDPA Subtest-3	14.20	14.22	14.07	15.30	13.31	13.23	12.87	14.30	19.80	19.51	19.66	21.00
3GPP Rel 6	HSDPA Subtest-4	14.01	14.03	13.85	15.30	13.08	13.11	12.94	14.30	19.57	19.62	19.42	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	14.39	14.64	14.40	15.80	13.54	13.61	13.38	14.80	20.13	20.20	19.89	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	14.43	14.71	14.55	15.80	13.78	13.56	13.65	14.80	20.00	20.14	20.00	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	13.84	14.19	13.98	15.30	12.94	12.99	12.98	14.30	19.62	19.54	19.49	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	14.06	13.94	13.98	15.30	13.04	13.17	13.06	14.30	19.46	19.55	19.47	21.00
3GPP Rel 6	HSUPA Subtest-1	14.49	14.51	14.42	15.80	13.40	13.45	13.63	14.80	19.93	19.90	20.03	20.50
3GPP Rel 6	HSUPA Subtest-2	12.51	12.60	12.51	13.80	11.64	11.47	11.62	12.80	18.04	18.03	18.25	18.50
3GPP Rel 6	HSUPA Subtest-3	13.72	13.50	13.48	14.80	12.64	12.66	12.54	13.80	19.02	18.93	18.95	19.50
3GPP Rel 6	HSUPA Subtest-4	12.38	12.64	12.45	13.80	11.41	11.59	11.59	12.80	18.01	18.01	17.92	18.50
3GPP Rel 6	HSUPA Subtest-5	14.52	14.42	14.35	15.80	13.31	13.73	13.34	14.80	19.91	20.03	19.88	20.50

Band 2 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.09	16.19	16.07	17	0
20	QPSK	1	49	15.90	16.01	15.99		
20	QPSK	1	99	16.09	16.06	15.93		
20	QPSK	50	0	16.06	16.17	16.09		
20	QPSK	50	24	15.97	16.00	16.07		
20	QPSK	50	50	16.09	16.15	16.02		
20	QPSK	100	0	15.96	16.16	15.94		
20	16QAM	1	0	16.06	16.15	16.08		
20	16QAM	1	49	16.09	16.17	15.93	17	0
20	16QAM	1	99	15.88	16.09	16.03		
20	16QAM	50	0	15.87	16.18	15.93		
20	16QAM	50	24	15.90	16.10	16.05		
20	16QAM	50	50	16.11	16.05	15.85		
20	16QAM	100	0	15.91	15.99	15.97		
20	64QAM	1	0	15.89	16.03	15.94		
20	64QAM	1	49	15.91	16.08	16.02	17	0
20	64QAM	1	99	15.90	16.08	15.95		
20	64QAM	50	0	15.99	16.13	15.88		
20	64QAM	50	24	15.99	16.17	15.89		
20	64QAM	50	50	15.95	16.08	15.89		
20	64QAM	100	0	15.92	16.07	15.86		
20	256QAM	1	0	16.02	16.00	16.07		
20	256QAM	1	49	16.10	16.16	15.95		
20	256QAM	1	99	15.99	16.07	15.88		
20	256QAM	50	0	16.02	16.03	16.03		
20	256QAM	50	24	15.93	16.02	15.91	17	0
20	256QAM	50	50	16.04	16.10	15.93		
20	256QAM	100	0	15.97	16.10	16.00		
Channel				18675	18900	19125		
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.06	15.98	16.03		
15	QPSK	1	37	15.82	15.97	15.83	17	0
15	QPSK	1	74	15.91	15.85	15.93		
15	QPSK	36	0	15.94	16.10	16.07		
15	QPSK	36	20	15.83	15.95	15.89		
15	QPSK	36	39	16.09	16.05	15.96	17	0
15	QPSK	75	0	15.86	16.03	15.88		
15	16QAM	1	0	15.87	15.93	15.94		
15	16QAM	1	37	15.96	16.14	15.89	17	0
15	16QAM	1	74	15.74	15.92	15.85		
15	16QAM	36	0	15.76	16.04	15.85		
15	16QAM	36	20	15.71	15.98	15.88	17	0
15	16QAM	36	39	16.08	16.04	15.85		
15	16QAM	75	0	15.91	15.97	15.93		
15	64QAM	1	0	15.70	15.89	15.93		
15	64QAM	1	37	15.75	15.92	15.85	17	0
15	64QAM	1	74	15.80	15.97	15.74		
15	64QAM	36	0	15.81	16.00	15.79		
15	64QAM	36	20	15.87	16.14	15.86	17	0
15	64QAM	36	39	15.80	16.06	15.70		
15	64QAM	75	0	15.86	15.99	15.88		
15	256QAM	1	0	15.95	15.99	15.91		
15	256QAM	1	37	15.97	16.05	15.91	17	0
15	256QAM	1	74	15.99	16.04	15.87		
15	256QAM	36	0	15.87	15.87	15.89		
15	256QAM	36	20	15.87	16.03	15.86	17	0
15	256QAM	36	39	16.05	16.04	15.79		
15	256QAM	75	0	15.90	16.03	15.88		
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.10	16.01	16.08		
10	QPSK	1	25	15.85	15.98	15.80	17	0
10	QPSK	1	49	16.09	15.92	15.93		
10	QPSK	25	0	15.93	15.98	16.10		
10	QPSK	25	12	15.95	15.92	16.02	17	0
10	QPSK	25	25	16.10	15.86	15.98		
10	QPSK	50	0	15.87	16.16	15.75		
10	16QAM	1	0	15.93	16.06	15.87		
10	16QAM	1	25	16.00	16.14	15.91	17	0
10	16QAM	1	49	15.83	15.94	15.93		
10	16QAM	25	0	15.88	16.18	15.84		
10	16QAM	25	12	15.89	16.00	16.06	17	0
10	16QAM	25	25	15.92	15.91	15.78		
10	16QAM	50	0	15.84	16.01	15.87		
10	64QAM	1	0	15.67	15.91	15.85		
10	64QAM	1	25	15.81	15.91	15.99	17	0
10	64QAM	1	49	15.77	15.88	15.97		
10	64QAM	25	0	15.96	16.07	15.88		
10	64QAM	25	12	15.95	16.09	15.77	17	0
10	64QAM	25	25	15.77	16.03	15.73		
10	64QAM	50	0	15.94	15.91	15.77		
10	256QAM	1	0	16.04	16.03	15.93		
10	256QAM	1	25	15.98	16.05	15.84	17	0
10	256QAM	1	49	15.85	16.06	15.85		
10	256QAM	25	0	15.96	15.96	15.85		
10	256QAM	25	12	15.94	16.07	15.88	17	0
10	256QAM	25	25	16.02	15.88	15.72		
10	256QAM	50	0	15.84	16.09	15.99		
Channel				18625	18900	19175		
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.03	16.10	16.00		
5	QPSK	1	12	15.78	15.92	15.97	17	0
5	QPSK	1	24	16.03	15.84	15.84		
5	QPSK	12	0	15.93	16.01	15.92		
5	QPSK	12	7	15.94	15.98	15.86	17	0
5	QPSK	12	13	15.97	16.03	15.85		
5	QPSK	25	0	15.75	16.15	15.86		
5	16QAM	1	0	15.84	15.94	16.06		
5	16QAM	1	12	15.99	16.02	15.79	17	0
5	16QAM	1	24	15.76	15.94	15.90		
5	16QAM	12	0	15.71	16.16	15.87		
5	16QAM	12	7	15.91	16.04	15.98	17	0
5	16QAM	12	13	15.90	15.98	15.70		
5	16QAM	25	0	15.91	15.80	15.94		
5	64QAM	1	0	15.69	15.86	15.77		
5	64QAM	1	12	15.84	15.98	15.87	17	0
5	64QAM	1	24	15.84	15.98	15.86		
5	64QAM	12	0	15.96	15.93	15.70		
5	64QAM	12	7	15.93	16.09	15.75	17	0
5	64QAM	12	13	15.96	16.10	15.85		
5	64QAM	25	0	15.84	15.94	15.77		
5	256QAM	1	0	15.82	15.92	15.88		
5	256QAM	1	12	15.99	16.16	15.82	17	0
5	256QAM	1	24	15.77	15.91	15.67		
5	256QAM	12	0	15.96	16.05	15.93		
5	256QAM	12	7	15.77	15.99	15.71	17	0
5	256QAM	12	13	15.89	15.88	15.79		
5	256QAM	25	0	15.97	15.99	15.84		
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.99	16.01	16.09		
3	QPSK	1	8	15.92	15.95	15.83	17	0
3	QPSK	1	14	15.99	16.00	15.92		
3	QPSK	8	0	16.05	15.98	15.93		
3	QPSK	8	4	15.83	15.99	15.94	17	0
3	QPSK	8	7	16.02	16.13	15.84		
3	QPSK	15	0	15.82	16.06	15.76		
3	16QAM	1	0	15.88	16.15	16.06		
3	16QAM	1	8	15.99	16.16	15.89	17	0
3	16QAM	1	14	15.86	15.96	15.94		
3	16QAM	8	0	15.69	16.06	15.78		
3	16QAM	8	4	15.82	15.90	15.90	17	0
3	16QAM	8	7	15.92	16.02	15.86		
3	16QAM	15	0	15.74	15.83	15.93		
3	64QAM	1	0	15.91	15.88	15.73		
3	64QAM	1	8	15.76	16.08	15.88	17	0
3	64QAM	1	14	15.84	16.02	15.90		
3	64QAM	8	0	15.86	15.99	15.87		
3	64QAM	8	4	15.86	15.98	15.86	17	0
3	64QAM	8	7	15.86	16.06	15.85		
3	64QAM	15	0	15.88	15.86	15.84		
3	256QAM	1	0	15.90	15.93	16.02		
3	256QAM	1	8	15.94	16.10	15.80	17	0
3	256QAM	1	14	15.87	15.93	15.80		
3	256QAM	8	0	15.82	15.96	15.83		
3	256QAM	8	4	15.94	15.81	15.84	17	0
3	256QAM	8	7	15.89	16.09	15.73		
3	256QAM	15	0	15.93	16.07	15.83		
Channel				18607	18900	19193		
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.01	16.06	15.90		
1.4	QPSK	1	3	15.81	16.00	15.89		
1.4	QPSK	1	5	15.91	16.04	15.98	17	0
1.4	QPSK	3	0	16.04	15.96	15.92		
1.4	QPSK	3	1	15.91	15.99	15.94		
1.4	QPSK	3	3	16.08	16.14	16.03		
1.4	QPSK	6	0	15.97	16.06	15.78	17	0
1.4	16QAM	1	0	16.08	16.09	16.01		
1.4	16QAM	1	3	15.91	15.97	15.74		
1.4	16QAM	1	5	15.73	16.02	15.84	17	0
1.4	16QAM	3	0	15.77	16.18	15.94		
1.4	16QAM	3	1	15.73	15.97	15.89		
1.4	16QAM	3	3	16.00	15.95	15.84		
1.4	16QAM	6	0	15.77	15.92	15.75	17	0
1.4	64QAM	1	0	15.80	15.86	15.87		
1.4	64QAM	1	3	15.82	15.92	15.90		
1.4	64QAM	1	5	15.68	15.94	15.86	17	0
1.4	64QAM	3	0	15.80	15.99	15.81		
1.4	64QAM	3	1	15.83	15.97	15.78		
1.4	64QAM	3	3	15.79	15.95	15.79		
1.4	64QAM	6	0	15.71	15.91	15.65	17	0
1.4	256QAM	1	0	15.85	15.94	16.05		
1.4	256QAM	1	3	15.90	16.08	15.73		
1.4	256QAM	1	5	15.82	16.03	15.66	17	0
1.4	256QAM	3	0	15.87	15.93	16.03		
1.4	256QAM	3	1	15.72	15.90	15.82		
1.4	256QAM	3	3	15.94	16.08	15.78		
1.4	256QAM	6	0	15.89	15.90	16.00	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	12.31	12.37	12.26		
20	QPSK	1	49	12.15	12.30	12.13	13.8	0
20	QPSK	1	99	12.09	12.23	12.14		
20	QPSK	50	0	12.26	12.35	12.20		
20	QPSK	50	24	12.09	12.25	12.24	13.8	0
20	QPSK	50	50	12.32	12.23	12.25		
20	QPSK	100	0	12.24	12.23	12.25		
20	16QAM	1	0	12.32	12.34	12.08		
20	16QAM	1	49	12.15	12.23	12.20	13.8	0
20	16QAM	1	99	12.22	12.16	12.17		
20	16QAM	50	0	12.20	12.21	12.09		
20	16QAM	50	24	12.19	12.27	12.13	13.8	0
20	16QAM	50	50	12.33	12.25	12.19		
20	16QAM	100	0	12.31	12.25	12.17		
20	64QAM	1	0	12.31	12.20	12.26		
20	64QAM	1	49	12.18	12.29	12.08	13.8	0
20	64QAM	1	99	12.33	12.24	12.18		
20	64QAM	50	0	12.32	12.21	12.11		
20	64QAM	50	24	12.19	12.24	12.11	13.8	0
20	64QAM	50	50	12.14	12.18	12.07		
20	64QAM	100	0	12.25	12.32	12.23		
20	256QAM	1	0	12.28	12.18	12.16		
20	256QAM	1	49	12.10	12.33	12.18	13.8	0
20	256QAM	1	99	12.18	12.33	12.21		
20	256QAM	50	0	12.18	12.16	12.20		
20	256QAM	50	24	12.18	12.25	12.21	13.8	0
20	256QAM	50	50	12.30	12.08	12.25		
20	256QAM	100	0	12.30	12.19	12.13		
Channel				20025	20175	20325		
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	12.16	12.32	12.08		
15	QPSK	1	37	12.01	12.10	12.13	13.8	0
15	QPSK	1	74	12.08	12.18	11.98		
15	QPSK	36	0	12.12	12.17	12.17		
15	QPSK	36	20	11.95	12.15	12.23	13.8	0
15	QPSK	36	39	12.10	12.19	12.23		
15	QPSK	75	0	12.24	12.29	12.07		
15	16QAM	1	0	12.30	12.12	11.87		
15	16QAM	1	37	12.11	12.08	12.03	13.8	0
15	16QAM	1	74	12.16	12.14	12.09		
15	16QAM	36	0	12.15	12.09	12.02		
15	16QAM	36	20	12.02	12.09	12.05	13.8	0
15	16QAM	36	39	12.35	12.14	12.18		
15	16QAM	75	0	12.16	12.19	12.13		
15	64QAM	1	0	12.14	12.00	12.14		
15	64QAM	1	37	12.04	12.17	11.98	13.8	0
15	64QAM	1	74	12.23	12.14	12.01		
15	64QAM	36	0	12.32	12.18	11.99		
15	64QAM	36	20	12.10	12.02	11.96	13.8	0
15	64QAM	36	39	12.09	12.15	11.91		
15	64QAM	75	0	12.19	12.17	12.18		
15	256QAM	1	0	12.19	12.10	12.13		
15	256QAM	1	37	12.11	12.34	11.98	13.8	0
15	256QAM	1	74	12.19	12.29	12.07		
15	256QAM	36	0	12.11	12.01	12.17		
15	256QAM	36	20	12.17	12.04	12.20	13.8	0
15	256QAM	36	39	12.05	12.30	11.99		
15	256QAM	75	0	12.11	12.07	12.11		
Channel				20000	20175	20350		
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	12.28	12.35	12.13		
10	QPSK	1	25	12.03	12.12	12.13	13.8	0
10	QPSK	1	49	12.08	12.16	11.98		
10	QPSK	25	0	12.26	12.25	12.11		
10	QPSK	25	12	12.03	12.05	12.03	13.8	0
10	QPSK	25	25	12.24	12.11	12.05		
10	QPSK	50	0	12.22	12.13	12.05		
10	16QAM	1	0	12.20	12.14	12.06		
10	16QAM	1	25	12.15	12.11	12.15	13.8	0
10	16QAM	1	49	11.95	11.96	11.97		
10	16QAM	25	0	12.12	12.09	11.98		
10	16QAM	25	12	11.99	12.26	11.99	13.8	0
10	16QAM	25	25	12.14	12.24	12.08		
10	16QAM	50	0	12.21	12.10	12.11		
10	64QAM	1	0	12.25	12.19	12.07		
10	64QAM	1	25	12.18	12.09	11.96	13.8	0
10	64QAM	1	49	12.20	12.09	12.04		
10	64QAM	25	0	12.18	12.18	11.99		
10	64QAM	25	12	12.08	12.17	11.97	13.8	0
10	64QAM	25	25	12.01	12.00	12.06		
10	64QAM	50	0	12.06	12.13	12.06		
10	256QAM	1	0	12.24	12.27	12.03		
10	256QAM	1	25	12.04	12.21	12.19	13.8	0
10	256QAM	1	49	12.18	12.20	12.12		
10	256QAM	25	0	12.15	11.98	12.16		
10	256QAM	25	12	12.04	12.14	12.04	13.8	0
10	256QAM	25	25	12.12	12.30	11.92		
10	256QAM	50	0	12.32	12.16	12.15		
Channel				19975	20175	20375		
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	12.31	12.35	12.05		
5	QPSK	1	12	12.12	12.32	11.99	13.8	0
5	QPSK	1	24	12.10	12.28	11.97		
5	QPSK	12	0	12.11	12.36	12.17		
5	QPSK	12	7	11.96	12.16	12.13	13.8	0
5	QPSK	12	13	12.25	12.05	12.07		
5	QPSK	25	0	12.09	12.18	12.13		
5	16QAM	1	0	12.10	12.35	12.03		
5	16QAM	1	12	12.07	12.13	12.19	13.8	0
5	16QAM	1	24	12.04	12.01	12.04		
5	16QAM	12	0	12.02	12.21	11.93		
5	16QAM	12	7	12.09	12.25	12.03	13.8	0
5	16QAM	12	13	12.33	12.25	12.07		
5	16QAM	25	0	12.29	12.16	12.07		
5	64QAM	1	0	12.22	12.01	12.21		
5	64QAM	1	12	12.15	12.29	11.88	13.8	0
5	64QAM	1	24	12.16	12.29	11.98		
5	64QAM	12	0	12.13	12.21	11.98		
5	64QAM	12	7	12.00	12.07	11.99	13.8	0
5	64QAM	12	13	12.13	11.98	12.03		
5	64QAM	25	0	12.05	12.10	12.03		
5	256QAM	1	0	12.09	12.07	12.03		
5	256QAM	1	12	11.96	12.11	11.99	13.8	0
5	256QAM	1	24	12.13	12.30	12.08		
5	256QAM	12	0	12.14	12.11	12.10		
5	256QAM	12	7	12.06	12.20	12.13	13.8	0
5	256QAM	12	13	12.04	12.28	11.99		
5	256QAM	25	0	12.10	12.10	12.00		
Channel				19965	20175	20385		
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	12.21	12.16	12.25		
3	QPSK	1	8	12.15	12.11	12.13	13.8	0
3	QPSK	1	14	11.97	12.13	12.03		
3	QPSK	8	0	12.22	12.15	12.13		
3	QPSK	8	4	12.05	12.16	12.03	13.8	0
3	QPSK	8	7	12.25	12.21	12.05		
3	QPSK	15	0	12.17	12.29	12.18		
3	16QAM	1	0	12.28	12.17	12.03		
3	16QAM	1	8	12.03	12.06	12.00	13.8	0
3	16QAM	1	14	12.05	12.08	12.03		
3	16QAM	8	0	12.13	12.06	11.97		
3	16QAM	8	4	12.10	12.16	11.97	13.8	0
3	16QAM	8	7	12.32	12.03	11.99		
3	16QAM	15	0	12.16	12.21	11.97		
3	64QAM	1	0	12.32	12.16	12.19		
3	64QAM	1	8	12.04	12.30	12.10	13.8	0
3	64QAM	1	14	12.25	12.05	12.15		
3	64QAM	8	0	12.13	12.02	12.02		
3	64QAM	8	4	12.07	12.07	12.02	13.8	0
3	64QAM	8	7	12.14	12.14	12.01		
3	64QAM	15	0	12.11	12.24	12.22		
3	256QAM	1	0	12.27	12.09	12.12		
3	256QAM	1	8	12.09	12.34	12.14	13.8	0
3	256QAM	1	14	12.02	12.13	12.19		
3	256QAM	8	0	12.13	12.09	12.13		
3	256QAM	8	4	12.13	12.10	12.17	13.8	0
3	256QAM	8	7	12.09	12.19	11.86		
3	256QAM	15	0	12.23	11.98	12.10		
Channel				19957	20175	20393		
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	12.21	12.25	12.17		
1.4	QPSK	1	3	12.12	12.16	12.11		
1.4	QPSK	1	5	11.93	12.33	12.00	13.8	0
1.4	QPSK	3	0	12.23	12.23	12.14		
1.4	QPSK	3	1	11.99	12.05	12.06		
1.4	QPSK	3	3	12.29	12.16	12.16		
1.4	QPSK	6	0	12.06	12.31	12.12	13.8	0
1.4	16QAM	1	0	12.21	12.18	11.88		
1.4	16QAM	1	3	12.03	12.08	12.21		
1.4	16QAM	1	5	12.13	11.96	12.16	13.8	0
1.4	16QAM	3	0	12.19	12.04	12.04		
1.4	16QAM	3	1	12.14	12.19	12.04		
1.4	16QAM	3	3	12.29	12.11	11.98		
1.4	16QAM	6	0	12.26	12.09	12.17	13.8	0
1.4	64QAM	1	0	12.19	12.16	12.24		
1.4	64QAM	1	3	12.14	12.31	11.91		
1.4	64QAM	1	5	12.23	12.07	12.19	13.8	0
1.4	64QAM	3	0	12.13	12.12	11.98		
1.4	64QAM	3	1	11.91	12.23	12.08		
1.4	64QAM	3	3	12.13	12.06	12.07		
1.4	64QAM	6	0	12.11	12.22	12.18	13.8	0
1.4	256QAM	1	0	12.06	12.21	11.97		
1.4	256QAM	1	3	11.90	12.22	12.08		
1.4	256QAM	1	5	11.97	12.23	12.01	13.8	0
1.4	256QAM	3	0	12.15	12.14	12.11		
1.4	256QAM	3	1	12.15	12.16	12.17		
1.4	256QAM	3	3	12.07	12.16	11.98		
1.4	256QAM	6	0	12.10	12.10	11.95	13.8	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.59	21.67	21.62		
10	QPSK	1	25	21.53	21.46	21.64	22.6	0
10	QPSK	1	49	21.58	21.67	21.40		
10	QPSK	25	0	21.54	21.65	21.52		
10	QPSK	25	12	21.60	21.61	21.58	22.6	0
10	QPSK	25	25	21.44	21.45	21.51		
10	QPSK	50	0	21.38	21.59	21.45		
10	16QAM	1	0	21.43	21.61	21.60		
10	16QAM	1	25	21.41	21.60	21.57	22.6	0
10	16QAM	1	49	21.51	21.64	21.44		
10	16QAM	25	0	21.48	21.57	21.52		
10	16QAM	25	12	21.46	21.50	21.60	22.6	0
10	16QAM	25	25	21.44	21.56	21.43		
10	16QAM	50	0	21.51	21.62	21.43		
10	64QAM	1	0	21.59	21.55	21.62		
10	64QAM	1	25	21.55	21.58	21.56	22.6	0
10	64QAM	1	49	21.48	21

Band 12 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.38	22.48	22.39	23.7	0
10	QPSK	1	25	22.27	22.42	22.18		
10	QPSK	1	49	22.25	22.42	22.28		
10	QPSK	25	0	22.39	22.47	22.34	23.7	0
10	QPSK	25	12	22.29	22.45	22.20		
	QPSK	25	25	22.36	22.30	22.08		
10	QPSK	50	0	22.39	22.43	22.27		
10	16QAM	1	0	22.25	22.39	22.24	23.7	0
10	16QAM	1	25	22.31	22.34	22.23		
10	16QAM	1	49	22.08	22.24	22.24		
10	16QAM	25	0	21.54	21.54	21.67	22.7	1
10	16QAM	25	12	21.47	21.66	21.58		
10	16QAM	25	25	21.66	21.57	21.49		
10	16QAM	50	0	21.56	21.64	21.48		
10	64QAM	1	0	21.44	21.42	21.61	22.7	1
10	64QAM	1	25	21.47	21.62	21.51		
10	64QAM	1	49	21.46	21.46	21.56		
10	64QAM	25	0	20.41	20.47	20.58	21.7	2
10	64QAM	25	12	20.49	20.59	20.56		
10	64QAM	25	25	20.40	20.45	20.59		
10	64QAM	50	0	20.45	20.57	20.52		
10	256QAM	1	0	18.56	18.68	18.56	19.7	4
10	256QAM	1	25	18.55	18.63	18.57		
10	256QAM	1	49	18.59	18.63	18.67		
10	256QAM	25	0	18.61	18.66	18.58	19.7	4
10	256QAM	25	12	18.66	18.48	18.48		
10	256QAM	25	25	18.49	18.57	18.64		
10	256QAM	50	0	18.51	18.46	18.61		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.37	22.33	22.38	23.7	0
5	QPSK	1	12	22.03	22.25	22.15		
5	QPSK	1	24	22.17	22.32	22.24		
5	QPSK	12	0	22.29	22.46	22.27	23.7	0
5	QPSK	12	7	22.18	22.33	22.29		
5	QPSK	12	13	22.42	22.18	22.29		
5	QPSK	25	0	22.21	22.28	22.21		
5	16QAM	1	0	22.18	22.26	22.27	23.7	0
5	16QAM	1	12	22.27	22.40	22.09		
5	16QAM	1	24	22.03	22.07	22.02		
5	16QAM	12	0	21.46	21.56	21.48	22.7	1
5	16QAM	12	7	21.43	21.53	21.48		
5	16QAM	12	13	21.38	21.38	21.56		
5	16QAM	25	0	21.49	21.55	21.47		
5	64QAM	1	0	21.50	21.33	21.34	22.7	1
5	64QAM	1	12	21.39	21.47	21.47		
5	64QAM	1	24	21.45	21.42	21.46		
5	64QAM	12	0	20.43	20.40	20.38	21.7	2
5	64QAM	12	7	20.30	20.30	20.45		
5	64QAM	12	13	20.36	20.31	20.34		
5	64QAM	25	0	20.45	20.41	20.48		
5	256QAM	1	0	18.61	18.57	18.45	19.7	4
5	256QAM	1	12	18.49	18.47	18.52		
5	256QAM	1	24	18.52	18.55	18.64		
5	256QAM	12	0	18.47	18.47	18.39	19.7	4
5	256QAM	12	7	18.50	18.48	18.46		
5	256QAM	12	13	18.44	18.39	18.48		
5	256QAM	25	0	18.55	18.45	18.41		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.42	22.41	22.28	23.7	0
3	QPSK	1	8	22.13	22.33	22.01		
3	QPSK	1	14	22.15	22.34	22.20		
3	QPSK	8	0	22.23	22.27	22.26	23.7	0
3	QPSK	8	4	22.18	22.33	22.05		
3	QPSK	8	7	22.40	22.33	22.06		
3	QPSK	15	0	22.24	22.28	22.13		
3	16QAM	1	0	22.10	22.19	22.19	23.7	0
3	16QAM	1	8	22.25	22.42	22.16		
3	16QAM	1	14	22.09	22.12	22.07		
3	16QAM	8	0	21.53	21.57	21.57	22.7	1
3	16QAM	8	4	21.52	21.39	21.48		
3	16QAM	8	7	21.54	21.43	21.42		
3	16QAM	15	0	21.45	21.43	21.49		
3	64QAM	1	0	21.44	21.41	21.43	22.7	1
3	64QAM	1	8	21.45	21.46	21.34		
3	64QAM	1	14	21.37	21.41	21.49		
3	64QAM	8	0	20.30	20.47	20.39	21.7	2
3	64QAM	8	4	20.38	20.46	20.34		
3	64QAM	8	7	20.35	20.46	20.31		
3	64QAM	15	0	20.45	20.30	20.35		
3	256QAM	1	0	18.53	18.60	18.49	19.7	4
3	256QAM	1	8	18.48	18.49	18.50		
3	256QAM	1	14	18.48	18.61	18.62		
3	256QAM	8	0	18.42	18.51	18.37	19.7	4
3	256QAM	8	4	18.44	18.56	18.47		
3	256QAM	8	7	18.54	18.38	18.55		
3	256QAM	15	0	18.48	18.44	18.56		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.40	22.32	22.38	23.7	0
1.4	QPSK	1	3	22.18	22.26	22.12		
1.4	QPSK	1	5	22.21	22.41	22.15		
1.4	QPSK	3	0	22.22	22.31	22.18		
1.4	QPSK	3	1	22.12	22.43	22.11		
1.4	QPSK	3	3	22.31	22.25	22.04		
1.4	QPSK	6	0	22.15	22.29	22.25	23.7	0
1.4	16QAM	1	0	22.07	22.27	22.19	23.7	0
1.4	16QAM	1	3	22.30	22.34	22.18		
1.4	16QAM	1	5	22.18	22.16	22.04		
1.4	16QAM	3	0	22.13	22.31	22.19		
1.4	16QAM	3	1	22.29	22.40	22.18		
1.4	16QAM	3	3	22.06	22.21	22.18		
1.4	16QAM	6	0	21.38	21.43	21.48	22.7	1
1.4	64QAM	1	0	21.43	21.40	21.43	22.7	1
1.4	64QAM	1	3	21.48	21.38	21.54		
1.4	64QAM	1	5	21.55	21.43	21.43		
1.4	64QAM	3	0	21.51	21.51	21.37		
1.4	64QAM	3	1	21.45	21.40	21.42		
1.4	64QAM	3	3	21.44	21.47	21.36		
1.4	64QAM	6	0	20.37	20.43	20.42	21.7	2
1.4	256QAM	1	0	18.60	18.60	18.54	19.7	4
1.4	256QAM	1	3	18.47	18.46	18.59		
1.4	256QAM	1	5	18.46	18.44	18.47		
1.4	256QAM	3	0	18.54	18.44	18.52		
1.4	256QAM	3	1	18.46	18.40	18.44		
1.4	256QAM	3	3	18.47	18.44	18.50		
1.4	256QAM	6	0	18.46	18.50	18.51	19.7	4

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.45		23.2	0
10	QPSK	1	25		22.36			
10	QPSK	1	49		22.35			
10	QPSK	25	0		22.39		23.2	0
10	QPSK	25	12		22.34			
10	QPSK	25	25		22.38			
10	QPSK	50	0		22.33			
10	16QAM	1	0		22.18		23.2	0
10	16QAM	1	25		22.37			
10	16QAM	1	49		22.28			
10	16QAM	25	0		22.19		23.2	0
10	16QAM	25	12		22.28			
10	16QAM	25	25		22.30			
10	16QAM	50	0		22.15			
10	64QAM	1	0		22.15		23.2	0
10	64QAM	1	25		22.30			
10	64QAM	1	49		22.15			
10	64QAM	25	0		21.35		22.2	1
10	64QAM	25	12		21.26			
10	64QAM	25	25		21.20			
10	64QAM	50	0		21.39			
10	256QAM	1	0		19.23		20.2	3
10	256QAM	1	25		19.32			
10	256QAM	1	49		19.31			
10	256QAM	25	0		19.14		20.2	3
10	256QAM	25	12		19.06			
10	256QAM	25	25		19.19			
10	256QAM	50	0		19.15			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.33	22.43	22.32	23.2	0
5	QPSK	1	12	22.34	22.31	22.38		
5	QPSK	1	24	22.31	22.26	22.30		
5	QPSK	12	0	22.32	22.30	22.25	23.2	0
5	QPSK	12	7	22.38	22.30	22.37		
5	QPSK	12	13	22.26	22.28	22.34		
5	QPSK	25	0	22.32	22.26	22.22		
5	16QAM	1	0	22.08	22.24	22.13	23.2	0
5	16QAM	1	12	22.10	22.20	22.17		
5	16QAM	1	24	22.09	22.19	22.18		
5	16QAM	12	0	22.07	22.06	22.05	23.2	0
5	16QAM	12	7	22.18	22.09	22.05		
5	16QAM	12	13	22.12	22.11	22.04		
5	16QAM	25	0	22.11	22.22	22.07		
5	64QAM	1	0	22.03	22.07	22.05	23.2	0
5	64QAM	1	12	22.07	22.16	22.12		
5	64QAM	1	24	22.04	22.18	22.15		
5	64QAM	12	0	21.22	21.14	21.13	22.2	1
5	64QAM	12	7	21.11	21.14	21.16		
5	64QAM	12	13	21.29	21.18	21.20		
5	64QAM	25	0	21.15	21.23	21.14		
5	256QAM	1	0	19.13	19.22	19.20	20.2	3
5	256QAM	1	12	19.11	19.24	19.06		
5	256QAM	1	24	19.24	19.14	19.17		
5	256QAM	12	0	19.00	19.08	19.03	20.2	3
5	256QAM	12	7	19.04	19.12	19.06		
5	256QAM	12	13	19.02	19.12	19.04		
5	256QAM	25	0	19.10	19.08	19.00		

Band 17 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.35	22.42	22.39	23.7	0
10	QPSK	1	25	22.32	22.39	22.33		
10	QPSK	1	49	22.33	22.34	22.32		
10	QPSK	25	0	22.34	22.37	22.36	23.7	0
10	QPSK	25	12	22.29	22.27	22.33		
10	QPSK	25	25	22.32	22.32	22.27		
10	QPSK	50	0	22.26	22.32	22.26		
10	16QAM	1	0	22.26	22.27	22.21	23.7	0
10	16QAM	1	25	22.26	22.20	22.32		
10	16QAM	1	49	22.25	22.27	22.22		
10	16QAM	25	0	21.61	21.68	21.70	22.7	1
10	16QAM	25	12	21.54	21.55	21.68		
10	16QAM	25	25	21.56	21.59	21.71		
10	16QAM	50	0	21.70	21.71	21.55		
10	64QAM	1	0	21.78	21.74	21.62	22.7	1
10	64QAM	1	25	21.73	21.80	21.76		
10	64QAM	1	49	21.69	21.76	21.72		
10	64QAM	25	0	20.57	20.54	20.57	21.7	2
10	64QAM	25	12	20.59	20.56	20.53		
10	64QAM	25	25	20.53	20.47	20.49		
10	64QAM	50	0	20.56	20.55	20.52		
10	256QAM	1	0	18.69	18.60	18.60	19.7	4
10	256QAM	1	25	18.72	18.71	18.72		
10	256QAM	1	49	18.74	18.65	18.65		
10	256QAM	25	0	18.59	18.56	18.63	19.7	4
10	256QAM	25	12	18.52	18.62	18.61		
10	256QAM	25	25	18.69	18.67	18.67		
10	256QAM	50	0	18.52	18.59	18.64		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.35	22.41	22.28	23.7	0
5	QPSK	1	12	22.33	22.29	22.28		
5	QPSK	1	24	22.27	22.29	22.38		
5	QPSK	12	0	22.24	22.25	22.31	23.7	0
5	QPSK	12	7	22.23	22.27	22.35		
5	QPSK	12	13	22.25	22.29	22.34		
5	QPSK	25	0	22.25	22.18	22.14		
5	16QAM	1	0	22.22	22.18	22.10	23.7	0
5	16QAM	1	12	22.21	22.24	22.15		
5	16QAM	1	24	22.25	22.10	22.20		
5	16QAM	12	0	21.58	21.51	21.48	22.7	1
5	16QAM	12	7	21.46	21.61	21.61		
5	16QAM	12	13	21.61	21.57	21.62		
5	16QAM	25	0	21.62	21.43	21.47		
5	64QAM	1	0	21.57	21.59	21.51	22.7	1
5	64QAM	1	12	21.60	21.58	21.53		
5	64QAM	1	24	21.52	21.61	21.68		
5	64QAM	12	0	20.56	20.48	20.44	21.7	2
5	64QAM	12	7	20.36	20.54	20.55		
5	64QAM	12	13	20.51	20.37	20.41		
5	64QAM	25	0	20.38	20.41	20.41		
5	256QAM	1	0	18.52	18.60	18.54	19.7	4
5	256QAM	1	12	18.65	18.58	18.52		
5	256QAM	1	24	18.59	18.50	18.52		
5	256QAM	12	0	18.54	18.50	18.55	19.7	4
5	256QAM	12	7	18.57	18.58	18.51		
5	256QAM	12	13	18.50	18.41	18.53		
5	256QAM	25	0	18.51	18.59	18.50		

Band 25 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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	16.17	16.24	16.13	17	0
20	QPSK	1	49	15.82	16.05	15.95		
20	QPSK	1	99	16.02	16.01	15.87		
20	QPSK	50	0	16.10	16.21	15.98	17	0
20	QPSK	50	24	15.81	16.03	15.97		
20	QPSK	50	50	16.08	16.15	15.86		
20	QPSK	100	0	16.01	16.18	15.98		
20	16QAM	1	0	15.90	16.15	15.93	17	0
20	16QAM	1	49	16.05	16.23	15.82		
20	16QAM	1	99	15.91	15.99	16.03		
20	16QAM	50	0	15.79	16.23	15.81	17	0
20	16QAM	50	24	15.74	16.07	16.09		
20	16QAM	50	50	15.96	16.04	15.73		
20	16QAM	100	0	15.92	15.85	15.85		
20	64QAM	1	0	15.75	15.91	15.89	17	0
20	64QAM	1	49	15.89	16.05	15.88		
20	64QAM	1	99	15.85	15.97	15.97		
20	64QAM	50	0	15.99	16.05	15.90	17	0
20	64QAM	50	24	15.92	16.21	15.85		
20	64QAM	50	50	15.91	16.06	15.73		
20	64QAM	100	0	15.89	16.09	15.75		
20	256QAM	1	0	15.87	16.00	16.03	17	0
20	256QAM	1	49	15.96	16.01	15.96		
20	256QAM	1	99	16.03	16.13	15.77		
20	256QAM	50	0	16.08	15.97	15.99	17	0
20	256QAM	50	24	15.90	16.08	15.91		
20	256QAM	50	50	16.08	16.04	15.87		
20	256QAM	100	0	15.89	15.97	15.98		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.12	16.19	15.94	17	0
15	QPSK	1	37	15.79	16.05	15.90		
15	QPSK	1	74	16.13	16.02	15.96		
15	QPSK	36	0	16.06	16.10	16.14	17	0
15	QPSK	36	20	16.02	15.83	16.10		
15	QPSK	36	39	16.07	16.04	16.00		
15	QPSK	75	0	16.03	16.15	15.88		
15	16QAM	1	0	15.90	16.15	16.11	17	0
15	16QAM	1	37	16.01	16.13	15.84		
15	16QAM	1	74	15.74	15.92	15.90		
15	16QAM	36	0	15.88	16.18	15.81	17	0
15	16QAM	36	20	15.92	16.15	15.98		
15	16QAM	36	39	16.09	16.04	15.72		
15	16QAM	75	0	15.89	15.89	15.99		
15	64QAM	1	0	15.77	15.91	15.84	17	0
15	64QAM	1	37	15.79	15.95	15.96		
15	64QAM	1	74	15.88	16.14	15.96		
15	64QAM	36	0	16.06	16.06	15.74	17	0
15	64QAM	36	20	15.87	16.13	15.83		
15	64QAM	36	39	15.88	15.91	15.95		
15	64QAM	75	0	15.92	15.90	15.84		
15	256QAM	1	0	15.91	15.97	15.94	17	0
15	256QAM	1	37	16.00	16.21	15.79		
15	256QAM	1	74	15.88	16.01	15.84		
15	256QAM	36	0	16.08	16.00	16.10	17	0
15	256QAM	36	20	15.87	15.88	15.80		
15	256QAM	36	39	16.05	16.10	15.80		
15	256QAM	75	0	15.97	16.04	15.88		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.05	16.11	16.08	17	0
10	QPSK	1	25	15.84	16.06	15.85		
10	QPSK	1	49	16.14	15.91	15.86		
10	QPSK	25	0	16.06	16.04	16.02	17	0
10	QPSK	25	12	15.98	15.92	16.10		
10	QPSK	25	25	16.09	16.01	16.08		
10	QPSK	50	0	15.92	16.22	15.88		
10	16QAM	1	0	16.06	16.17	16.09	17	0
10	16QAM	1	25	16.15	16.07	15.80		
10	16QAM	1	49	15.77	16.02	15.89		
10	16QAM	25	0	15.80	16.11	15.86	17	0
10	16QAM	25	12	15.94	15.99	16.04		
10	16QAM	25	25	16.03	16.01	15.86		
10	16QAM	50	0	15.74	15.84	15.90		
10	64QAM	1	0	15.81	15.89	15.95	17	0
10	64QAM	1	25	15.83	16.10	15.97		
10	64QAM	1	49	15.78	16.07	15.85		
10	64QAM	25	0	15.97	16.12	15.75	17	0
10	64QAM	25	12	16.05	16.16	15.94		
10	64QAM	25	25	15.87	15.95	15.76		
10	64QAM	50	0	15.94	15.92	15.74		
10	256QAM	1	0	15.98	15.96	15.94	17	0
10	256QAM	1	25	16.05	16.16	15.85		
10	256QAM	1	49	16.04	15.93	15.79		
10	256QAM	25	0	15.88	16.05	15.86	17	0
10	256QAM	25	12	15.96	15.93	15.97		
10	256QAM	25	25	15.94	16.07	15.85		
10	256QAM	50	0	15.90	16.05	15.98		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.16	16.11	15.97	17	0
5	QPSK	1	12	15.87	15.99	16.03		
5	QPSK	1	24	15.97	15.94	16.05		
5	QPSK	12	0	16.04	16.10	16.04	17	0
5	QPSK	12	7	15.94	16.06	16.05		
5	QPSK	12	13	16.10	16.10	15.99		
5	QPSK	25	0	15.96	16.12	15.82		
5	16QAM	1	0	15.93	16.00	15.95	17	0
5	16QAM	1	12	15.96	16.22	15.83		
5	16QAM	1	24	15.84	16.04	15.95		
5	16QAM	12	0	15.76	16.03	15.90	17	0
5	16QAM	12	7	15.79	16.11	16.09		
5	16QAM	12	13	16.08	15.99	15.87		
5	16QAM	25	0	15.89	15.90	15.95		
5	64QAM	1	0	15.85	16.00	15.87	17	0
5	64QAM	1	12	15.89	15.96	16.05		
5	64QAM	1	24	15.88	15.96	15.94		
5	64QAM	12	0	15.93	16.06	15.90	17	0
5	64QAM	12	7	16.04	16.21	15.78		
5	64QAM	12	13	15.95	16.04	15.86		
5	64QAM	25	0	15.90	16.04	15.79		
5	256QAM	1	0	16.06	16.05	16.02	17	0
5	256QAM	1	12	15.97	16.14	15.81		
5	256QAM	1	24	15.99	16.12	15.85		
5	256QAM	12	0	16.09	16.01	15.96	17	0
5	256QAM	12	7	15.90	16.02	15.76		
5	256QAM	12	13	16.08	15.99	15.87		
5	256QAM	25	0	16.02	16.02	16.05		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.16	16.04	16.11	17	0
3	QPSK	1	8	15.85	15.85	15.92		
3	QPSK	1	14	15.94	16.07	15.92		
3	QPSK	8	0	15.94	16.06	16.10	17	0
3	QPSK	8	4	15.94	16.06	16.06		
3	QPSK	8	7	16.14	16.04	15.86		
3	QPSK	15	0	15.97	16.11	16.01		
3	16QAM	1	0	16.07	16.03	15.96	17	0
3	16QAM	1	8	16.09	16.13	16.00		
3	16QAM	1	14	15.80	16.08	16.05		
3	16QAM	8	0	15.86	16.02	15.79	17	0
3	16QAM	8	4	15.85	15.98	16.00		
3	16QAM	8	7	16.11	15.98	15.78		
3	16QAM	15	0	15.86	15.82	15.90		
3	64QAM	1	0	15.94	15.91	15.94	17	0
3	64QAM	1	8	15.74	16.08	15.92		
3	64QAM	1	14	15.76	16.07	16.02		
3	64QAM	8	0	15.93	16.11	15.92	17	0
3	64QAM	8	4	15.83	16.05	15.79		
3	64QAM	8	7	15.99	16.09	15.76		
3	64QAM	15	0	15.90	15.99	15.92		
3	256QAM	1	0	16.03	15.96	15.93	17	0
3	256QAM	1	8	16.16	16.04	15.84		
3	256QAM	1	14	15.86	16.01	15.77		
3	256QAM	8	0	15.92	15.94	15.88	17	0
3	256QAM	8	4	15.78	15.92	15.88		
3	256QAM	8	7	15.98	16.04	15.99		
3	256QAM	15	0	15.97	15.97	15.89		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.96	16.14	15.92	17	0
1.4	QPSK	1	3	15.88	16.01	15.89		
1.4	QPSK	1	5	15.92	15.93	15.91		
1.4	QPSK	3	0	15.99	16.20	16.05		
1.4	QPSK	3	1	15.98	15.93	16.12		
1.4	QPSK	3	3	15.99	16.10	16.00		
1.4	QPSK	6	0	15.91	16.20	15.91	17	0
1.4	16QAM	1	0	16.06	16.00	15.96	17	0
1.4	16QAM	1	3	15.94	16.17	15.77		
1.4	16QAM	1	5	15.73	16.08	15.92		
1.4	16QAM	3	0	15.89	16.16	15.85		
1.4	16QAM	3	1	15.78	16.16	15.97		
1.4	16QAM	3	3	16.08	15.91	15.68		
1.4	16QAM	6	0	15.89	16.00	15.94	17	0
1.4	64QAM	1	0	15.93	15.97	16.00	17	0
1.4	64QAM	1	3	15.88	15.93	15.91		
1.4	64QAM	1	5	15.75	16.07	15.89		
1.4	64QAM	3	0	15.91	16.00	15.72		
1.4	64QAM	3	1	15.85	16.04	15.73		
1.4	64QAM	3	3	15.87	16.05	15.90		
1.4	64QAM	6	0	15.76	16.01	15.85	17	0
1.4	256QAM	1	0	15.90	15.86	15.93	17	0
1.4	256QAM	1	3	15.96	16.17	15.99		
1.4	256QAM	1	5	16.03	16.08	15.93		
1.4	256QAM	3	0	15.98	16.09	16.09		
1.4	256QAM	3	1	15.88	16.00	15.76		
1.4	256QAM	3	3	16.07	16.05	15.93		
1.4	256QAM	6	0	15.86	16.14	15.92	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.73	21.85	21.66	22.6	0
15	QPSK	1	37	21.64	21.54	21.76		
15	QPSK	1	74	21.72	21.68	21.43		
15	QPSK	36	0	21.67	21.78	21.74	22.6	0
15	QPSK	36	20	21.60	21.60	21.72		
15	QPSK	36	39	21.61	21.55	21.57		
15	QPSK	75	0	21.70	21.73	21.71		
15	16QAM	1	0	21.41	21.72	21.67	22.6	0
15	16QAM	1	37	21.40	21.63	21.60		
15	16QAM	1	74	21.51	21.71	21.44		
15	16QAM	36	0	21.62	21.71	21.67	22.6	0
15	16QAM	36	20	21.56	21.59	21.60		
15	16QAM	36	39	21.58	21.66	21.63		
15	16QAM	75	0	21.70	21.64	21.57		
15	64QAM	1	0	21.75	21.76	21.61	22.6	0
15	64QAM	1	37	21.61	21.66	21.67		
15	64QAM	1	74	21.47	21.79	21.61		
15	64QAM	36	0	20.46	20.68	20.60	21.6	1
15	64QAM	36	20	20.52	20.44	20.68		
15	64QAM	36	39	20.64	20.66	20.67		
15	64QAM	75	0	20.69	20.74	20.48		
15	256QAM	1	0	17.98	18.34	18.24	19.6	3
15	256QAM	1	37	18.02	18.37	18.13		
15	256QAM	1	74	18.27	18.36	18.25		
15	256QAM	36	0	18.20	18.30	18.11	19.6	3
15	256QAM	36	20	18.37	18.36	18.27		
15	256QAM	36	39	18.28	18.41	18.34		
15	256QAM	75	0	18.18	18.20	18.13		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.64	21.71	21.76	22.6	0
10	QPSK	1	25	21.64	21.54	21.76		
10	QPSK	1	49	21.62	21.70	21.55		
10	QPSK	25	0	21.53	21.81	21.57	22.6	0
10	QPSK	25	12	21.76	21.82	21.58		
10	QPSK	25	25	21.43	21.52	21.56		
10	QPSK	50	0	21.51	21.72	21.56		
10	16QAM	1	0	21.44	21.65	21.80	22.6	0
10	16QAM	1	25	21.62	21.81	21.74		
10	16QAM	1	49	21.69	21.73	21.47		
10	16QAM	25	0	21.52	21.60	21.55	22.6	0
10	16QAM	25	12	21.58	21.57	21.74		
10	16QAM	25	25	21.49	21.67	21.46		
10	16QAM	50	0	21.55	21.72	21.53		
10	64QAM	1	0	21.63	21.71	21.77	22.6	0
10	64QAM	1	25	21.63	21.60	21.68		
10	64QAM	1	49	21.54	21.79	21.57		
10	64QAM	25	0	20.45	20.63	20.65	21.6	1
10	64QAM	25	12	20.60	20.41	20.74		
10	64QAM	25	25	20.58	20.80	20.63		
10	64QAM	50	0	20.59	20.79	20.50		
10	256QAM	1	0	18.08	18.20	18.15	19.6	3
10	256QAM	1	25	18.02	18.42	18.28		
10	256QAM	1	49	18.28	18.38	18.28		
10	256QAM	25	0	18.21	18.33	18.13	19.6	3
10	256QAM	25	12	18.44	18.35	18.36		
10	256QAM	25	25	18.31	18.36	18.33		
10	256QAM	50	0	18.18	18.01	18.20		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.77	21.62	21.76	22.6	0
5	QPSK	1	12	21.57	21.60	21.80		
5	QPSK	1	24	21.62	21.75	21.54		
5	QPSK	12	0	21.60	21.73	21.63	22.6	0
5	QPSK	12	7	21.75	21.63	21.59		
5	QPSK	12	13	21.65	21.63	21.71		
5	QPSK	25	0	21.60	21.58	21.47		
5	16QAM	1	0	21.45	21.82	21.76	22.6	0
5	16QAM	1	12	21.52	21.63	21.82		
5	16QAM	1	24	21.70	21.82	21.62		
5	16QAM	12	0	21.55	21.65	21.57	22.6	0
5	16QAM	12	7	21.66	21.69	21.72		
5	16QAM	12	13	21.44	21.57	21.50		
5	16QAM	25	0	21.49	21.78	21.55		
5	64QAM	1	0	21.62	21.73	21.83	22.6	0
5	64QAM	1	12	21.63	21.72	21.66		
5	64QAM	1	24	21.65	21.63	21.60		
5	64QAM	12	0	20.49	20.63	20.69	21.6	1
5	64QAM	12	7	20.50	20.59	20.70		
5	64QAM	12	13	20.49	20.62	20.68		
5	64QAM	25	0	20.72	20.65	20.42		
5	256QAM	1	0	18.12	18.21	18.21	19.6	3
5	256QAM	1	12	18.21	18.33	18.13		
5	256QAM	1	24	18.23	18.24	18.29		
5	256QAM	12	0	18.33	18.27	18.17	19.6	3
5	256QAM	12	7	18.38	18.31	18.19		
5	256QAM	12	13	18.36	18.39	18.20		
5	256QAM	25	0	18.32	18.10	18.15		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.62	21.70	21.69	22.6	0
3	QPSK	1	8	21.74	21.67	21.68		
3	QPSK	1	14	21.60	21.61	21.49		
3	QPSK	8	0	21.58	21.74	21.65	22.6	0
3	QPSK	8	4	21.77	21.69	21.63		
3	QPSK	8	7	21.53	21.66	21.59		
3	QPSK	15	0	21.49	21.71	21.44		
3	16QAM	1	0	21.60	21.66	21.66	22.6	0
3	16QAM	1	8	21.61	21.80	21.66		
3	16QAM	1	14	21.63	21.68	21.52		
3	16QAM	8	0	21.66	21.61	21.57	22.6	0
3	16QAM	8	4	21.51	21.64	21.65		
3	16QAM	8	7	21.65	21.58	21.45		
3	16QAM	15	0	21.61	21.63	21.44		
3	64QAM	1	0	21.81	21.57	21.73	22.6	0
3	64QAM	1	8	21.61	21.72	21.77		
3	64QAM	1	14	21.67	21.69	21.64		
3	64QAM	8	0	20.61	20.60	20.60	21.6	1
3	64QAM	8	4	20.53	20.55	20.64		
3	64QAM	8	7	20.69	20.58	20.86		
3	64QAM	15	0	20.63	20.74	20.34		
3	256QAM	1	0	18.08	18.26	18.26	19.6	3
3	256QAM	1	8	18.14	18.21	18.29		
3	256QAM	1	14	18.17	18.25	18.34		
3	256QAM	8	0	18.24	18.31	18.23	19.6	3
3	256QAM	8	4	18.43	18.33	18.29		
3	256QAM	8	7	18.16	18.34	18.22		
3	256QAM	15	0	18.23	18.18	18.22		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.78	21.68	21.82	22.6	0
1.4	QPSK	1	3	21.73	21.52	21.66		
1.4	QPSK	1	5	21.69	21.68	21.56		
1.4	QPSK	3	0	21.75	21.78	21.71		
1.4	QPSK	3	1	21.70	21.64	21.78		
1.4	QPSK	3	3	21.44	21.66	21.72		
1.4	QPSK	6	0	21.50	21.65	21.55	22.6	0
1.4	16QAM	1	0	21.61	21.64	21.59	22.6	0
1.4	16QAM	1	3	21.60	21.63	21.73		
1.4	16QAM	1	5	21.55	21.62	21.66		
1.4	16QAM	3	0	21.46	21.66	21.52		
1.4	16QAM	3	1	21.60	21.67	21.61		
1.4	16QAM	3	3	21.50	21.77	21.45		
1.4	16QAM	6	0	21.63	21.81	21.57	22.6	0
1.4	64QAM	1	0	21.64	21.67	21.72	22.6	0
1.4	64QAM	1	3	21.72	21.72	21.70		
1.4	64QAM	1	5	21.46	21.75	21.47		
1.4	64QAM	3	0	21.52	21.57	21.70		
1.4	64QAM	3	1	21.57	21.61	21.75		
1.4	64QAM	3	3	21.50	21.61	21.59		
1.4	64QAM	6	0	20.54	20.61	20.57	21.6	1
1.4	256QAM	1	0	17.96	18.27	18.35	19.6	3
1.4	256QAM	1	3	18.15	18.30	18.17		
1.4	256QAM	1	5	18.26	18.29	18.42		
1.4	256QAM	3	0	18.15	18.35	18.27		
1.4	256QAM	3	1	18.31	18.19	18.30		
1.4	256QAM	3	3	18.36	18.40	18.23		
1.4	256QAM	6	0	18.21	17.99	18.21	19.6	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	12.37	12.43	12.39	13.8	0
20	QPSK	1	49	12.07	12.31	12.13		
20	QPSK	1	99	12.18	12.38	12.12		
20	QPSK	50	0	12.32	12.36	12.28	13.8	0
20	QPSK	50	24	12.07	12.31	12.34		
20	QPSK	50	50	12.30	12.12	12.24		
20	QPSK	100	0	12.25	12.35	12.33		
20	16QAM	1	0	12.41	12.20	12.09	13.8	0
20	16QAM	1	49	12.10	12.11	12.25		
20	16QAM	1	99	12.31	12.26	12.16		
20	16QAM	50	0	12.09	12.33	12.00	13.8	0
20	16QAM	50	24	12.24	12.28	12.07		
20	16QAM	50	50	12.26	12.27	12.20		
20	16QAM	100	0	12.37	12.15	12.15		
20	64QAM	1	0	12.41	12.29	12.35	13.8	0
20	64QAM	1	49	12.26	12.18	12.16		
20	64QAM	1	99	12.41	12.33	12.18		
20	64QAM	50	0	12.35	12.21	12.02	13.8	0
20	64QAM	50	24	12.21	12.19	12.10		
20	64QAM	50	50	12.16	12.26	12.10		
20	64QAM	100	0	12.13	12.29	12.12		
20	256QAM	1	0	12.32	12.37	12.12	13.8	0
20	256QAM	1	49	12.14	12.36	12.15		
20	256QAM	1	99	12.24	12.28	12.32		
20	256QAM	50	0	12.22	12.14	12.27	13.8	0
20	256QAM	50	24	12.23	12.17	12.20		
20	256QAM	50	50	12.11	12.34	12.03		
20	256QAM	100	0	12.24	12.23	12.11		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	12.16	12.24	12.21	13.8	0
15	QPSK	1	37	12.15	12.26	12.10		
15	QPSK	1	74	11.94	12.28	12.14		
15	QPSK	36	0	12.11	12.15	12.00	13.8	0
15	QPSK	36	20	11.89	12.18	12.15		
15	QPSK	36	39	12.27	12.09	12.15		
15	QPSK	75	0	12.25	12.28	12.23		
15	16QAM	1	0	12.19	12.26	11.97	13.8	0
15	16QAM	1	37	11.99	12.20	12.06		
15	16QAM	1	74	12.07	12.06	12.07		
15	16QAM	36	0	12.08	12.11	11.92	13.8	0
15	16QAM	36	20	12.17	12.10	12.09		
15	16QAM	36	39	12.14	12.05	12.10		
15	16QAM	75	0	12.14	12.18	11.99		
15	64QAM	1	0	12.29	12.17	12.05	13.8	0
15	64QAM	1	37	12.12	12.14	11.98		
15	64QAM	1	74	12.31	12.06	11.99		
15	64QAM	36	0	12.12	12.20	12.07	13.8	0
15	64QAM	36	20	12.07	12.21	12.10		
15	64QAM	36	39	11.99	12.01	11.89		
15	64QAM	75	0	12.04	12.29	12.23		
15	256QAM	1	0	12.11	12.09	12.05	13.8	0
15	256QAM	1	37	11.91	12.23	12.03		
15	256QAM	1	74	12.08	12.31	12.20		
15	256QAM	36	0	11.99	12.13	12.10	13.8	0
15	256QAM	36	20	12.00	12.18	12.02		
15	256QAM	36	39	12.05	12.28	11.88		
15	256QAM	75	0	12.27	12.09	11.98		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	12.30	12.35	12.26	13.8	0
10	QPSK	1	25	12.08	12.15	12.03		
10	QPSK	1	49	12.08	12.20	12.01		
10	QPSK	25	0	12.20	12.14	12.08	13.8	0
10	QPSK	25	12	11.97	12.09	12.22		
10	QPSK	25	25	12.32	12.06	12.17		
10	QPSK	50	0	12.18	12.28	12.13		
10	16QAM	1	0	12.16	12.34	12.07	13.8	0
10	16QAM	1	25	11.97	12.12	12.11		
10	16QAM	1	49	12.02	11.95	12.13		
10	16QAM	25	0	12.17	12.19	11.99	13.8	0
10	16QAM	25	12	12.09	12.11	12.03		
10	16QAM	25	25	12.30	12.19	12.07		
10	16QAM	50	0	12.10	12.23	11.98		
10	64QAM	1	0	12.15	12.08	12.16	13.8	0
10	64QAM	1	25	12.07	12.18	12.01		
10	64QAM	1	49	12.11	12.17	12.00		
10	64QAM	25	0	12.31	12.05	12.12	13.8	0
10	64QAM	25	12	12.05	12.10	11.96		
10	64QAM	25	25	12.03	12.11	11.89		
10	64QAM	50	0	12.10	12.12	12.09	13.8	0
10	256QAM	1	0	12.18	12.27	12.10		
10	256QAM	1	25	12.01	12.11	12.12		
10	256QAM	1	49	11.98	12.32	12.03		
10	256QAM	25	0	12.00	11.99	12.16	13.8	0
10	256QAM	25	12	12.19	12.26	12.05		
10	256QAM	25	25	12.04	12.29	12.09		
10	256QAM	50	0	12.20	12.09	12.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	12.17	12.26	12.09	13.8	0
5	QPSK	1	12	12.16	12.26	12.11		
5	QPSK	1	24	12.06	12.31	12.04		
5	QPSK	12	0	12.16	12.29	12.13	13.8	0
5	QPSK	12	7	12.06	12.07	12.25		
5	QPSK	12	13	12.29	12.03	12.17		
5	QPSK	25	0	12.08	12.33	12.03		
5	16QAM	1	0	12.20	12.31	12.06	13.8	0
5	16QAM	1	12	12.13	12.23	12.06		
5	16QAM	1	24	12.18	12.11	12.01		
5	16QAM	12	0	12.05	12.10	12.09	13.8	0
5	16QAM	12	7	12.18	12.08	12.10		
5	16QAM	12	13	12.12	12.05	12.17		
5	16QAM	25	0	12.29	12.03	11.99		
5	64QAM	1	0	12.14	12.08	12.09	13.8	0
5	64QAM	1	12	12.14	12.18	11.98		
5	64QAM	1	24	12.25	12.05	12.08		
5	64QAM	12	0	12.32	12.01	11.95	13.8	0
5	64QAM	12	7	12.06	12.19	12.13		
5	64QAM	12	13	12.06	12.04	11.99		
5	64QAM	25	0	12.11	12.21	12.25		
5	256QAM	1	0	12.10	12.07	11.96	13.8	0
5	256QAM	1	12	12.12	12.34	12.15		
5	256QAM	1	24	12.15	12.13	12.08		
5	256QAM	12	0	12.07	11.98	12.02	13.8	0
5	256QAM	12	7	12.05	12.13	12.18		
5	256QAM	12	13	12.02	12.18	12.02		
5	256QAM	25	0	12.10	12.08	12.12		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	12.32	12.32	12.25	13.8	0
3	QPSK	1	8	12.09	12.29	12.14		
3	QPSK	1	14	11.95	12.21	12.03		
3	QPSK	8	0	12.09	12.18	12.07	13.8	0
3	QPSK	8	4	11.95	12.20	12.21		
3	QPSK	8	7	12.15	12.13	12.04		
3	QPSK	15	0	12.22	12.22	12.04	13.8	0
3	16QAM	1	0	12.16	12.16	12.10		
3	16QAM	1	8	12.07	12.09	12.10		
3	16QAM	1	14	12.18	12.13	11.98		
3	16QAM	8	0	12.17	12.23	12.04	13.8	0
3	16QAM	8	4	11.98	12.07	11.96		
3	16QAM	8	7	12.15	12.16	12.15		
3	16QAM	15	0	12.11	12.16	12.04	13.8	0
3	64QAM	1	0	12.22	12.13	12.08		
3	64QAM	1	8	12.16	12.29	11.92		
3	64QAM	1	14	12.16	12.07	12.11		
3	64QAM	8	0	12.21	12.13	12.00	13.8	0
3	64QAM	8	4	12.06	12.07	12.11		
3	64QAM	8	7	11.92	12.19	11.98		
3	64QAM	15	0	12.08	12.16	12.09	13.8	0
3	256QAM	1	0	12.27	12.28	12.17		
3	256QAM	1	8	12.00	12.25	12.15		
3	256QAM	1	14	12.08	12.16	12.12		
3	256QAM	8	0	12.08	12.09	11.99	13.8	0
3	256QAM	8	4	12.07	12.26	12.01		
3	256QAM	8	7	12.02	12.13	11.86		
3	256QAM	15	0	12.24	12.02	12.07		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	12.25	12.32	12.06	13.8	0
1.4	QPSK	1	3	12.03	12.16	12.00		
1.4	QPSK	1	5	12.03	12.31	11.92		
1.4	QPSK	3	0	12.10	12.25	12.16		
1.4	QPSK	3	1	11.88	12.20	12.17		
1.4	QPSK	3	3	12.27	12.05	12.11		
1.4	QPSK	6	0	12.14	12.11	12.07	13.8	0
1.4	16QAM	1	0	12.20	12.18	12.02	13.8	0
1.4	16QAM	1	3	12.13	12.19	12.20		
1.4	16QAM	1	5	12.12	12.14	11.98		
1.4	16QAM	3	0	12.09	12.10	11.95		
1.4	16QAM	3	1	12.06	12.22	12.00		
1.4	16QAM	3	3	12.31	12.23	12.07		
1.4	16QAM	6	0	12.28	12.06	12.13	13.8	0
1.4	64QAM	1	0	12.28	12.07	12.25	13.8	0
1.4	64QAM	1	3	12.03	12.23	12.07		
1.4	64QAM	1	5	12.27	12.25	12.04		
1.4	64QAM	3	0	12.14	12.13	11.95		
1.4	64QAM	3	1	12.08	12.03	12.02		
1.4	64QAM	3	3	12.10	12.00	11.92		
1.4	64QAM	6	0	12.04	12.27	12.18	13.8	0
1.4	256QAM	1	0	12.28	12.20	12.15	13.8	0
1.4	256QAM	1	3	11.92	12.29	12.08		
1.4	256QAM	1	5	11.99	12.29	12.11		
1.4	256QAM	3	0	12.06	12.16	12.04		
1.4	256QAM	3	1	12.12	12.07	12.00		
1.4	256QAM	3	3	12.17	12.16	11.88		
1.4	256QAM	6	0	12.10	12.18	12.14	13.8	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.03	21.04	21.03	22.6	0
20	QPSK	1	49	20.81	20.90	20.81		
20	QPSK	1	99	20.93	20.89	20.86		
20	QPSK	50	0	20.94	21.03	20.87	22.6	0
20	QPSK	50	24	20.86	21.02	20.97		
20	QPSK	50	50	20.98	20.93	21.00		
20	QPSK	100	0	20.99	21.03	20.82		
20	16QAM	1	0	20.88	20.86	20.91	22.6	0
20	16QAM	1	49	20.93	20.87	20.86		
20	16QAM	1	99	20.89	20.83	20.90		
20	16QAM	50	0	21.03	20.82	20.99	22.6	0
20	16QAM	50	24	20.97	20.92	20.96		
20	16QAM	50	50	20.91	21.03	20.82		
20	16QAM	100	0	20.86	20.92	20.90		
20	64QAM	1	0	20.97	21.03	20.95	22.6	0
20	64QAM	1	49	20.87	20.99	20.91		
20	64QAM	1	99	21.02	21.01	20.93		
20	64QAM	50	0	19.86	20.01	19.78	21.6	1
20	64QAM	50	24	20.10	19.96	20.07		
20	64QAM	50	50	19.85	20.01	19.97		
20	64QAM	100	0	19.79	20.04	19.80		
20	256QAM	1	0	18.08	17.88	17.98	19.6	3
20	256QAM	1	49	18.00	18.10	17.93		
20	256QAM	1	99	18.14	18.02	18.03		
20	256QAM	50	0	18.03	18.13	18.02	19.6	3
20	256QAM	50	24	18.06	18.06	18.05		
20	256QAM	50	50	18.13	18.07	18.21		
20	256QAM	100	0	17.90	18.00	18.06		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.98	20.85	21.03	22.6	0
15	QPSK	1	37	20.76	20.73	20.80		
15	QPSK	1	74	20.90	20.81	20.84		
15	QPSK	36	0	20.83	20.97	20.66	22.6	0
15	QPSK	36	20	20.73	20.84	20.90		
15	QPSK	36	39	20.87	20.81	20.95		
15	QPSK	75	0	20.98	20.85	20.69		
15	16QAM	1	0	20.75	20.65	20.81	22.6	0
15	16QAM	1	37	20.77	20.76	20.64		
15	16QAM	1	74	20.72	20.82	20.71		
15	16QAM	36	0	20.88	20.78	20.79	22.6	0
15	16QAM	36	20	20.96	20.88	20.91		
15	16QAM	36	39	20.82	20.99	20.71		
15	16QAM	75	0	20.68	20.82	20.85		
15	64QAM	1	0	20.75	20.97	20.85	22.6	0
15	64QAM	1	37	20.83	20.87	20.89		
15	64QAM	1	74	20.97	20.99	20.74		
15	64QAM	36	0	19.98	20.00	19.96	21.6	1
15	64QAM	36	20	19.89	19.83	19.93		
15	64QAM	36	39	19.98	20.00	19.84		
15	64QAM	75	0	19.80	19.94	19.90		
15	256QAM	1	0	18.23	18.05	18.02	19.6	3
15	256QAM	1	37	18.15	18.04	17.89		
15	256QAM	1	74	18.04	17.97	17.98		
15	256QAM	36	0	17.97	18.06	18.08	19.6	3
15	256QAM	36	20	18.23	17.98	17.91		
15	256QAM	36	39	18.09	18.14	18.13		
15	256QAM	75	0	18.06	18.07	18.12		
Channel				37550	38000	38450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.97	20.85	20.97	22.6	0
10	QPSK	1	25	20.69	20.85	20.70		
10	QPSK	1	49	20.73	20.70	20.72		
10	QPSK	25	0	20.75	20.86	20.69	22.6	0
10	QPSK	25	12	20.67	20.80	20.88		
10	QPSK	25	25	20.99	20.89	20.82		
10	QPSK	50	0	20.89	20.82	20.77		
10	16QAM	1	0	20.85	20.67	20.74	22.6	0
10	16QAM	1	25	20.84	20.65	20.73		
10	16QAM	1	49	20.71	20.90	20.82		
10	16QAM	25	0	20.97	20.60	21.01	22.6	0
10	16QAM	25	12	20.92	20.73	20.88		
10	16QAM	25	25	20.69	21.02	20.78		
10	16QAM	50	0	20.75	20.81	20.85		
10	64QAM	1	0	20.81	20.93	20.81	22.6	0
10	64QAM	1	25	20.78	20.83	20.90		
10	64QAM	1	49	20.87	20.87	20.73		
10	64QAM	25	0	19.94	19.80	19.91	21.6	1
10	64QAM	25	12	19.90	20.00	19.99		
10	64QAM	25	25	19.82	20.05	20.04		
10	64QAM	50	0	19.97	19.99	19.94		
10	256QAM	1	0	18.06	17.98	18.03	19.6	3
10	256QAM	1	25	18.01	17.95	17.95		
10	256QAM	1	49	18.18	17.99	18.07		
10	256QAM	25	0	17.88	18.11	18.04	19.6	3
10	256QAM	25	12	18.04	17.89	17.98		
10	256QAM	25	25	18.01	18.22	18.19		
10	256QAM	50	0	18.07	17.98	17.91		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	20.94	20.96	20.97	22.6	0
5	QPSK	1	12	20.74	20.79	20.69		
5	QPSK	1	24	20.71	20.87	20.81		
5	QPSK	12	0	20.82	20.89	20.71	22.6	0
5	QPSK	12	7	20.80	20.87	20.83		
5	QPSK	12	13	20.99	20.94	20.98		
5	QPSK	25	0	20.98	20.83	20.68		
5	16QAM	1	0	20.73	20.74	20.78	22.6	0
5	16QAM	1	12	20.84	20.65	20.74		
5	16QAM	1	24	20.67	20.71	20.90		
5	16QAM	12	0	20.84	20.70	21.01	22.6	0
5	16QAM	12	7	20.75	20.76	20.79		
5	16QAM	12	13	20.69	20.95	20.76		
5	16QAM	25	0	20.76	20.77	20.81		
5	64QAM	1	0	20.86	20.87	20.80	22.6	0
5	64QAM	1	12	20.88	20.95	20.89		
5	64QAM	1	24	20.97	20.98	20.78		
5	64QAM	12	0	19.83	19.86	19.99	21.6	1
5	64QAM	12	7	19.89	19.80	19.86		
5	64QAM	12	13	19.90	20.10	19.93		
5	64QAM	25	0	19.82	20.00	19.80		
5	256QAM	1	0	18.17	18.04	18.11	19.6	3
5	256QAM	1	12	17.94	18.00	17.96		
5	256QAM	1	24	18.15	17.85	17.86		
5	256QAM	12	0	17.83	18.01	17.95	19.6	3
5	256QAM	12	7	18.09	17.92	18.01		
5	256QAM	12	13	18.12	18.19	18.11		
5	256QAM	25	0	18.09	18.11	18.09		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.00	21.15	21.27	21.10	21.01	22.6	0
20	QPSK	1	49	20.82	20.93	21.19	20.93	20.83		
20	QPSK	1	99	20.79	20.96	21.19	21.01	20.90		
20	QPSK	50	0	20.99	20.98	21.25	20.89	20.89	22.6	0
20	QPSK	50	24	20.90	20.96	21.10	20.97	20.86		
20	QPSK	50	50	20.82	20.97	21.16	20.93	20.81		
20	QPSK	100	0	20.81	21.05	21.22	20.93	20.81		
20	16QAM	1	0	21.01	21.10	21.19	20.89	20.88	22.6	0
20	16QAM	1	49	20.80	21.10	21.24	21.07	20.93		
20	16QAM	1	99	20.92	20.94	21.15	21.05	20.98		
20	16QAM	50	0	20.83	21.13	21.14	21.02	20.80	22.6	0
20	16QAM	50	24	20.94	21.06	21.20	21.04	20.99		
20	16QAM	50	50	20.84	21.03	21.26	20.88	20.91		
20	16QAM	100	0	20.79	21.15	21.23	21.01	20.97		
20	64QAM	1	0	20.85	21.13	21.12	20.99	21.00	22.6	0
20	64QAM	1	49	20.96	21.03	21.06	21.00	20.92		
20	64QAM	1	99	20.87	21.09	21.19	20.91	20.87		
20	64QAM	50	0	19.84	19.90	19.97	19.81	19.78	21.6	1
20	64QAM	50	24	19.80	20.12	20.05	19.97	19.94		
20	64QAM	50	50	19.83	20.07	20.18	19.95	19.99		
20	64QAM	100	0	19.91	20.14	20.26	20.08	19.87		
20	256QAM	1	0	18.07	18.16	18.16	17.97	18.01	19.6	3
20	256QAM	1	49	18.08	18.03	18.12	18.12	17.93		
20	256QAM	1	99	17.78	17.96	18.21	18.27	18.19		
20	256QAM	50	0	18.08	18.09	18.20	17.95	18.13	19.6	3
20	256QAM	50	24	18.14	18.08	18.21	18.17	18.02		
20	256QAM	50	50	17.78	18.22	18.15	18.10	18.03		
20	256QAM	100	0	18.10	18.14	18.30	18.05	18.00		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.83	20.97	21.20	20.88	20.99	23	0
15	QPSK	1	37	20.74	20.89	21.00	20.93	20.83		
15	QPSK	1	74	20.75	20.82	21.19	20.95	20.88		
15	QPSK	36	0	20.84	20.85	21.18	20.83	20.90	22.6	0
15	QPSK	36	20	20.82	20.78	20.92	20.98	20.89		
15	QPSK	36	39	20.77	20.95	21.09	20.90	20.79		
15	QPSK	75	0	20.65	20.99	21.14	20.75	20.66		
15	16QAM	1	0	20.98	20.90	21.18	20.87	20.76	22.6	0
15	16QAM	1	37	20.91	21.08	21.08	21.01	20.73		
15	16QAM	1	74	20.93	20.96	20.97	20.94	20.88		
15	16QAM	36	0	20.79	20.95	20.97	20.85	20.79	22.6	0
15	16QAM	36	20	20.86	20.84	21.19	20.99	20.90		
15	16QAM	36	39	20.80	20.89	21.13	20.78	20.86		
15	16QAM	75	0	20.78	20.98	21.21	20.99	20.83		
15	64QAM	1	0	20.86	21.08	20.95	20.95	21.02	22.6	0
15	64QAM	1	37	20.94	20.89	20.97	20.92	20.87		
15	64QAM	1	74	20.84	21.09	21.05	20.88	20.88		
15	64QAM	36	0	19.94	19.92	20.01	19.80	19.82	21.6	1
15	64QAM	36	20	19.78	20.04	19.97	19.99	19.99		
15	64QAM	36	39	19.90	20.07	20.07	20.07	19.93		
15	64QAM	75	0	19.77	20.10	20.25	19.88	19.94		
15	256QAM	1	0	18.02	18.04	18.38	18.06	17.94	19.6	3
15	256QAM	1	37	18.13	18.03	18.29	18.17	18.07		
15	256QAM	1	74	17.98	17.97	18.40	18.22	18.07		
15	256QAM	36	0	17.94	18.09	18.15	18.01	17.95	19.6	3
15	256QAM	36	20	17.97	18.19	18.23	18.05	17.95		
15	256QAM	36	39	17.84	18.03	18.19	17.96	17.90		
15	256QAM	75	0	18.12	18.12	18.40	18.17	18.11		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.81	21.04	21.08	20.99	20.93	23	0
10	QPSK	1	25	20.86	20.84	21.08	20.77	20.71		
10	QPSK	1	49	20.80	20.74	21.16	20.99	20.91		
10	QPSK	25	0	20.86	20.85	21.21	20.99	20.75	22.6	0
10	QPSK	25	12	20.83	20.79	21.00	20.83	20.85		
10	QPSK	25	25	20.86	20.81	20.94	20.87	20.76		
10	QPSK	50	0	20.72	20.94	21.06	20.89	20.78		
10	16QAM	1	0	20.85	21.02	21.17	20.80	20.79	22.6	0
10	16QAM	1	25	20.82	20.93	21.23	21.05	20.78		
10	16QAM	1	49	20.85	20.76	21.00	20.93	20.87		
10	16QAM	25	0	20.83	20.93	21.07	20.91	20.79	22.6	0
10	16QAM	25	12	20.96	20.98	21.18	20.99	20.95		
10	16QAM	25	25	20.96	20.81	21.07	20.82	20.76		
10	16QAM	50	0	20.89	21.01	21.13	20.83	20.87		
10	64QAM	1	0	20.76	21.03	21.01	20.93	21.02	22.6	0
10	64QAM	1	25	20.85	20.83	20.98	20.91	20.79		
10	64QAM	1	49	20.77	21.06	21.04	20.85	20.89		
10	64QAM	25	0	19.93	19.83	20.02	19.86	19.80	21.6	1
10	64QAM	25	12	19.77	20.06	20.11	20.04	19.94		
10	64QAM	25	25	19.96	19.92	20.25	19.94	19.95		
10	64QAM	50	0	19.92	20.17	20.25	19.94	19.90		
10	256QAM	1	0	18.07	18.20	18.21	18.08	17.97	19.6	3
10	256QAM	1	25	18.10	18.16	18.23	18.03	17.95		
10	256QAM	1	49	17.84	18.05	18.10	18.21	18.19		
10	256QAM	25	0	17.92	18.14	18.11	17.99	18.14	19.6	3
10	256QAM	25	12	18.10	18.13	18.40	18.07	18.00		
10	256QAM	25	25	17.97	18.17	18.32	18.16	18.09		
10	256QAM	50	0	18.08	18.03	18.36	18.09	18.16		
Channel				39675	40140	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.79	20.95	21.15	20.97	21.01	23	0
5	QPSK	1	12	20.87	20.83	21.07	20.72	20.73		
5	QPSK	1	24	20.81	20.87	21.04	20.84	20.88		
5	QPSK	12	0	20.84	20.84	21.10	20.87	20.89	22.6	0
5	QPSK	12	7	20.92	20.76	21.05	20.93	20.79		
5	QPSK	12	13	20.67	20.90	21.06	20.76	20.77		
5	QPSK	25	0	20.70	20.84	21.19	20.79	20.72		
5	16QAM	1	0	20.98	20.89	20.98	20.85	20.72	22.6	0
5	16QAM	1	12	20.68	20.94	21.06	20.90	20.88		
5	16QAM	1	24	20.88	20.86	21.00	21.06	20.83		
5	16QAM	12	0	20.97	20.99	21.04	21.02	20.96	22.6	0
5	16QAM	12	7	20.92	20.96	21.12	20.95	20.99		
5	16QAM	12	13	20.86	21.04	21.15	20.82	20.71		
5	16QAM	25	0	20.73	20.98	21.14	20.84	20.85		
5	64QAM	1	0	20.71	20.93	21.00	20.95	20.79	22.6	0
5	64QAM	1	12	20.79	20.84	20.92	20.95	20.78		
5	64QAM	1	24	20.87	21.10	21.17	20.71	20.86		
5	64QAM	12	0	19.75	19.92	20.05	19.87	19.74	21.6	1
5	64QAM	12	7	19.92	20.02	20.02	20.13	19.94		
5	64QAM	12	13	19.90	19.90	20.21	19.92	19.85		
5	64QAM	25	0	19.84	20.27	20.20	20.05	19.96		
5	256QAM	1	0	18.10	18.07	18.15	17.90	17.95	19.6	3
5	256QAM	1	12	18.05	18.10	18.12	18.05	18.04		
5	256QAM	1	24	17.80	18.18	18.26	18.16	17.96		
5	256QAM	12	0	18.11	18.08	18.31	18.10	18.01	19.6	3
5	256QAM	12	7	18.03	18.09	18.33	18.25	18.02		
5	256QAM	12	13	17.88	18.24	18.31	18.11	18.09		
5	256QAM	25	0	18.01	18.04	18.37	18.22	18.04		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.53	22.73	22.87	22.64	22.63	24.2	0
20	QPSK	1	49	22.46	22.53	22.72	22.45	22.58		
20	QPSK	1	99	22.44	22.71	22.72	22.43	22.50		
20	QPSK	50	0	22.40	22.70	22.85	22.55	22.50	24.2	0
20	QPSK	50	24	22.38	22.64	22.68	22.59	22.52		
20	QPSK	50	50	22.52	22.53	22.70	22.62	22.59		
20	QPSK	100	0	22.67	22.65	22.83	22.53	22.72		
20	16QAM	1	0	22.34	22.72	22.80	22.60	22.45	24.2	0
20	16QAM	1	49	22.47	22.61	22.72	22.66	22.49		
20	16QAM	1	99	22.33	22.70	22.66	22.46	22.51		
20	16QAM	50	0	22.36	22.62	22.77	22.55	22.51	24.2	0
20	16QAM	50	24	22.46	22.58	22.84	22.48	22.45		
20	16QAM	50	50	22.53	22.53	22.74	22.55	22.51		
20	16QAM	100	0	22.41	22.54	22.69	22.52	22.56		
20	64QAM	1	0	22.63	22.62	22.80	22.60	22.62	24.2	0
20	64QAM	1	49	22.59	22.74	22.83	22.60	22.46		
20	64QAM	1	99	22.51	22.73	22.66	22.56	22.58		
20	64QAM	50	0	22.74	22.59	22.74	22.70	22.58	24.2	0
20	64QAM	50	24	22.54	22.60	22.85	22.68	22.52		
20	64QAM	50	50	22.62	22.54	22.83	22.47	22.46		
20	64QAM	100	0	22.36	22.54	22.78	22.65	22.51		
20	256QAM	1	0	20.45	20.54	20.70	20.36	20.69	22.2	2
20	256QAM	1	49	20.44	20.74	20.68	20.65	20.47		
20	256QAM	1	99	20.48	20.70	20.70	20.59	20.41		
20	256QAM	50	0	20.83	20.71	20.77	20.56	20.65	22.2	2
20	256QAM	50	24	20.60	20.57	20.80	20.67	20.73		
20	256QAM	50	50	20.85	20.61	20.69	20.59	20.62		
20	256QAM	100	0	20.43	20.67	20.79	20.63	20.36		
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	22.51	22.71	22.59	22.42	22.43	24	0
15	QPSK	1	37	22.61	22.73	22.68	22.41	22.41		
15	QPSK	1	74	22.28	22.60	22.61	22.40	22.33		
15	QPSK	36	0	22.36	22.53	22.75	22.53	22.41	24.2	0
15	QPSK	36	20	22.40	22.51	22.55	22.48	22.37		
15	QPSK	36	39	22.47	22.47	22.56	22.59	22.59		
15	QPSK	75	0	22.61	22.49	22.79	22.33	22.54		
15	16QAM	1	0	22.36	22.60	22.69	22.61	22.44	24.2	0
15	16QAM	1	37	22.26	22.58	22.66	22.54	22.32		
15	16QAM	1	74	22.28	22.71	22.49	22.46	22.42		
15	16QAM	36	0	22.24	22.45	22.72	22.51	22.40	24.2	0
15	16QAM	36	20	22.42	22.60	22.64	22.44	22.45		
15	16QAM	36	39	22.52	22.42	22.58	22.46	22.41		
15	16QAM	75	0	22.22	22.38	22.52	22.50	22.48		
15	64QAM	1	0	22.46	22.41	22.66	22.58	22.45	24.2	0
15	64QAM	1	37	22.60	22.68	22.77	22.48	22.35		
15	64QAM	1	74	22.44	22.58	22.62	22.55	22.55		
15	64QAM	36	0	22.62	22.58	22.72	22.67	22.41	24.2	0
15	64QAM	36	20	22.40	22.56	22.64	22.50	22.38		
15	64QAM	36	39	22.49	22.38	22.67	22.46	22.28		
15	64QAM	75	0	22.28	22.34	22.66	22.45	22.32		
15	256QAM	1	0	20.29	20.59	20.75	20.47	20.58	22.2	2
15	256QAM	1	37	20.40	20.76	20.74	20.50	20.54		
15	256QAM	1	74	20.30	20.67	20.70	20.58	20.48		
15	256QAM	36	0	20.73	20.72	20.85	20.43	20.52	22.2	2
15	256QAM	36	20	20.57	20.71	20.70	20.52	20.72		
15	256QAM	36	39	20.69	20.65	20.74	20.57	20.61		
15	256QAM	75	0	20.41	20.61	20.72	20.64	20.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.40	22.75	22.69	22.65	22.53	24	0
10	QPSK	1	25	22.46	22.39	22.67	22.40	22.46		
10	QPSK	1	49	22.36	22.70	22.64	22.41	22.46		
10	QPSK	25	0	22.28	22.66	22.73	22.42	22.45	24.2	0
10	QPSK	25	12	22.31	22.65	22.70	22.59	22.33		
10	QPSK	25	25	22.44	22.33	22.64	22.60	22.54		
10	QPSK	50	0	22.48	22.46	22.65	22.41	22.68		
10	16QAM	1	0	22.56	22.73	22.76	22.55	22.70	24.2	0
10	16QAM	1	25	22.46	22.59	22.60	22.65	22.42		
10	16QAM	1	49	22.66	22.68	22.46	22.60	22.45		
10	16QAM	25	0	22.29	22.53	22.73	22.45	22.37	24.2	0
10	16QAM	25	12	22.30	22.50	22.69	22.28	22.26		
10	16QAM	25	25	22.45	22.43	22.63	22.44	22.34		
10	16QAM	50	0	22.24	22.52	22.71	22.38	22.34		
10	64QAM	1	0	22.53	22.61	22.81

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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	19.03	19.18	18.96	20.3	0
20	QPSK	1	49	19.04	19.02	18.94		
20	QPSK	1	99	18.93	19.03	18.79		
20	QPSK	50	0	19.06	19.17	18.93	20.3	0
20	QPSK	50	24	18.85	19.14	18.85		
20	QPSK	50	50	18.87	19.14	18.97		
20	QPSK	100	0	18.94	19.15	18.96		
20	16QAM	1	0	18.93	19.04	18.85	20.3	0
20	16QAM	1	49	18.97	19.04	18.94		
20	16QAM	1	99	18.97	19.06	18.93		
20	16QAM	50	0	18.86	18.96	18.84	20.3	0
20	16QAM	50	24	18.88	19.07	18.80		
20	16QAM	50	50	19.00	19.11	18.97		
20	16QAM	100	0	18.83	19.15	18.95		
20	64QAM	1	0	18.99	19.13	18.77	20.3	0
20	64QAM	1	49	19.03	19.01	18.82		
20	64QAM	1	99	18.88	19.09	18.93		
20	64QAM	50	0	18.89	19.05	18.81	20.3	0
20	64QAM	50	24	19.00	19.03	18.92		
20	64QAM	50	50	18.96	19.11	18.93		
20	64QAM	100	0	18.91	19.10	18.94		
20	256QAM	1	0	17.93	18.23	18.08	19.3	1
20	256QAM	1	49	18.08	18.25	17.94		
20	256QAM	1	99	18.02	18.13	17.98		
20	256QAM	50	0	18.12	18.16	17.88	19.3	1
20	256QAM	50	24	17.93	18.20	17.93		
20	256QAM	50	50	17.95	18.08	17.98		
20	256QAM	100	0	17.94	18.29	17.99		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.03	19.11	18.83	20.3	0
15	QPSK	1	37	18.86	19.03	18.90		
15	QPSK	1	74	18.91	18.85	18.64		
15	QPSK	36	0	18.96	19.03	18.82	20.3	0
15	QPSK	36	20	18.82	19.10	18.64		
15	QPSK	36	39	18.76	19.04	18.82		
15	QPSK	75	0	18.83	18.94	18.90		
15	16QAM	1	0	18.91	18.87	18.81	20.3	0
15	16QAM	1	37	18.91	19.05	18.86		
15	16QAM	1	74	18.97	19.00	18.94		
15	16QAM	36	0	18.86	18.86	18.79	20.3	0
15	16QAM	36	20	18.78	19.03	18.63		
15	16QAM	36	39	18.86	18.95	18.93		
15	16QAM	75	0	18.83	19.04	18.76		
15	64QAM	1	0	18.90	18.94	18.77	20.3	0
15	64QAM	1	37	19.04	18.87	18.81		
15	64QAM	1	74	18.74	18.91	18.95		
15	64QAM	36	0	18.82	19.03	18.73	20.3	0
15	64QAM	36	20	18.91	18.83	18.94		
15	64QAM	36	39	18.81	19.01	18.80		
15	64QAM	75	0	18.92	19.07	18.74		
15	256QAM	1	0	17.83	18.03	18.01	19.3	1
15	256QAM	1	37	18.04	18.22	17.83		
15	256QAM	1	74	17.86	17.94	17.97		
15	256QAM	36	0	17.96	18.16	17.72	19.3	1
15	256QAM	36	20	17.89	18.04	17.89		
15	256QAM	36	39	17.95	17.98	17.91		
15	256QAM	75	0	17.75	17.85	17.97		
Channel				42140	42500	42860	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.96	18.98	18.94	20.3	0
10	QPSK	1	25	18.91	18.95	18.95		
10	QPSK	1	49	18.80	18.96	18.68		
10	QPSK	25	0	18.97	18.99	18.77	20.3	0
10	QPSK	25	12	18.86	19.10	18.69		
10	QPSK	25	25	18.82	19.12	18.77		
10	QPSK	50	0	18.91	18.97	18.92		
10	16QAM	1	0	18.94	18.97	18.75	20.3	0
10	16QAM	1	25	18.98	18.93	18.73		
10	16QAM	1	49	18.91	18.91	18.91		
10	16QAM	25	0	18.65	18.86	18.64	20.3	0
10	16QAM	25	12	18.90	18.93	18.60		
10	16QAM	25	25	18.86	18.90	18.78		
10	16QAM	50	0	18.62	19.01	18.82		
10	64QAM	1	0	18.82	19.13	18.74	20.3	0
10	64QAM	1	25	18.98	18.92	18.65		
10	64QAM	1	49	18.88	18.94	18.92		
10	64QAM	25	0	18.87	18.94	18.71	20.3	0
10	64QAM	25	12	18.82	18.84	18.91		
10	64QAM	25	25	18.83	18.90	18.75		
10	64QAM	50	0	18.91	19.00	18.75		
10	256QAM	1	0	17.80	18.05	18.04	19.3	1
10	256QAM	1	25	18.02	18.12	17.91		
10	256QAM	1	49	17.94	18.07	17.86		
10	256QAM	25	0	18.07	18.11	17.74	19.3	1
10	256QAM	25	12	17.72	18.04	17.83		
10	256QAM	25	25	17.73	18.03	17.93		
10	256QAM	50	0	17.77	18.12	17.78		
Channel				42115	42500	42885	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.91	19.10	18.86	20.3	0
5	QPSK	1	12	18.85	18.90	18.91		
5	QPSK	1	24	18.87	18.91	18.79		
5	QPSK	12	0	18.87	19.09	18.76	20.3	0
5	QPSK	12	7	18.85	18.92	18.70		
5	QPSK	12	13	18.88	18.92	18.87		
5	QPSK	25	0	18.91	18.94	18.95		
5	16QAM	1	0	18.90	18.97	18.84	20.3	0
5	16QAM	1	12	18.97	18.82	18.92		
5	16QAM	1	24	18.89	19.00	18.77		
5	16QAM	12	0	18.87	18.96	18.63	20.3	0
5	16QAM	12	7	18.84	18.94	18.61		
5	16QAM	12	13	18.82	18.92	18.86		
5	16QAM	25	0	18.84	19.15	18.89		
5	64QAM	1	0	18.82	19.03	18.58	20.3	0
5	64QAM	1	12	18.98	19.01	18.65		
5	64QAM	1	24	18.74	19.00	18.83		
5	64QAM	12	0	18.70	18.92	18.60	20.3	0
5	64QAM	12	7	18.95	19.01	18.82		
5	64QAM	12	13	18.95	19.09	18.91		
5	64QAM	25	0	18.81	18.97	18.89		
5	256QAM	1	0	17.83	18.04	17.88	19.3	1
5	256QAM	1	12	17.87	18.14	17.85		
5	256QAM	1	24	17.95	18.15	17.78		
5	256QAM	12	0	17.98	17.98	17.81	19.3	1
5	256QAM	12	7	17.83	18.00	17.82		
5	256QAM	12	13	17.85	17.93	17.87		
5	256QAM	25	0	17.96	18.08	17.81		

Band 43_FCC 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				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.02	21.08	20.89	22	0
20	QPSK	1	49	20.91	21.00	20.87		
20	QPSK	1	99	20.89	20.95	20.90		
20	QPSK	50	0	20.09	20.21	20.07	21	1
20	QPSK	50	24	20.03	20.15	20.09		
20	QPSK	50	50	20.04	20.10	20.07		
20	QPSK	100	0	20.07	20.17	20.07		
20	16QAM	1	0	20.01	20.12	20.01	21	1
20	16QAM	1	49	20.02	20.06	19.99		
20	16QAM	1	99	19.97	20.02	19.88		
20	16QAM	50	0	19.02	19.11	19.00	20	2
20	16QAM	50	24	18.94	19.03	18.88		
20	16QAM	50	50	18.94	19.07	19.01		
20	16QAM	100	0	18.92	19.01	18.86		
20	64QAM	1	0	18.79	18.88	18.82	20	2
20	64QAM	1	49	18.78	18.82	18.79		
20	64QAM	1	99	18.68	18.78	18.67		
20	64QAM	50	0	18.17	18.23	18.14	19	3
20	64QAM	50	24	18.05	18.14	18.04		
20	64QAM	50	50	18.10	18.19	18.14		
20	64QAM	100	0	18.02	18.11	18.02		
20	256QAM	1	0	16.64	16.78	16.68	17	5
20	256QAM	1	49	16.69	16.75	16.72		
20	256QAM	1	99	16.64	16.70	16.57		
20	256QAM	50	0	16.61	16.71	16.63	17	5
20	256QAM	50	24	16.49	16.61	16.56		
20	256QAM	50	50	16.63	16.67	16.54		
20	256QAM	100	0	16.52	16.65	16.55		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	20.87	20.98	20.78	22	0
15	QPSK	1	37	20.79	20.93	20.83		
15	QPSK	1	74	20.79	20.89	20.85		
15	QPSK	36	0	20.02	20.15	19.99	21	1
15	QPSK	36	20	19.89	20.01	20.05		
15	QPSK	36	39	19.98	19.95	19.97		
15	QPSK	75	0	19.96	20.04	19.98		
15	16QAM	1	0	19.88	19.97	19.92	21	1
15	16QAM	1	37	19.96	19.94	19.87		
15	16QAM	1	74	19.92	19.94	19.76		
15	16QAM	36	0	18.93	18.99	18.95	20	2
15	16QAM	36	20	18.91	18.93	18.77		
15	16QAM	36	39	18.80	18.93	18.97		
15	16QAM	75	0	18.88	18.90	18.79		
15	64QAM	1	0	18.72	18.80	18.71	20	2
15	64QAM	1	37	18.73	18.74	18.73		
15	64QAM	1	74	18.56	18.66	18.56		
15	64QAM	36	0	18.13	18.13	18.08	19	3
15	64QAM	36	20	17.95	18.08	17.94		
15	64QAM	36	39	18.05	18.08	18.06		
15	64QAM	75	0	17.93	17.99	17.92		
15	256QAM	1	0	16.55	16.74	16.63	17	5
15	256QAM	1	37	16.59	16.68	16.67		
15	256QAM	1	74	16.50	16.59	16.47		
15	256QAM	36	0	16.56	16.62	16.52	17	5
15	256QAM	36	20	16.42	16.52	16.53		
15	256QAM	36	39	16.53	16.57	16.47		
15	256QAM	75	0	16.49	16.52	16.50		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	20.95	21.00	20.83	22	0
10	QPSK	1	25	20.83	20.91	20.84		
10	QPSK	1	49	20.85	20.89	20.81		
10	QPSK	25	0	19.95	20.17	20.01	21	1
10	QPSK	25	12	19.88	20.10	20.01		
10	QPSK	25	25	19.91	20.07	19.97		
10	QPSK	50	0	19.99	20.08	19.95		
10	16QAM	1	0	19.89	19.97	19.93	21	1
10	16QAM	1	25	19.89	19.97	19.88		
10	16QAM	1	49	19.86	19.89	19.79		
10	16QAM	25	0	18.97	19.01	18.94	20	2
10	16QAM	25	12	18.79	18.95	18.80		
10	16QAM	25	25	18.85	19.02	18.95		
10	16QAM	50	0	18.81	18.87	18.76		
10	64QAM	1	0	18.71	18.85	18.75	20	2
10	64QAM	1	25	18.72	18.75	18.72		
10	64QAM	1	49	18.64	18.72	18.63		
10	64QAM	25	0	18.07	18.17	18.06	19	3
10	64QAM	25	12	17.96	18.09	18.00		
10	64QAM	25	25	18.00	18.08	18.07		
10	64QAM	50	0	17.95	17.99	17.87		
10	256QAM	1	0	16.53	16.70	16.64	17	5
10	256QAM	1	25	16.60	16.64	16.63		
10	256QAM	1	49	16.57	16.63	16.51		
10	256QAM	25	0	16.49	16.63	16.52	17	5
10	256QAM	25	12	16.36	16.51	16.44		
10	256QAM	25	25	16.51	16.58	16.47		
10	256QAM	50	0	16.46	16.56	16.41		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	20.95	20.99	20.83	22	0
5	QPSK	1	12	20.85	20.89	20.75		
5	QPSK	1	24	20.80	20.81	20.77		
5	QPSK	12	0	20.01	20.15	20.02	21	1
5	QPSK	12	7	19.88	20.11	19.98		
5	QPSK	12	13	19.94	19.98	20.00		
5	QPSK	25	0	20.03	20.11	19.92		
5	16QAM	1	0	19.93	20.04	19.95	21	1
5	16QAM	1	12	19.93	19.98	19.95		
5	16QAM	1	24	19.93	19.96	19.75		
5	16QAM	12	0	18.96	19.08	18.85	20	2
5	16QAM	12	7	18.87	18.97	18.85		
5	16QAM	12	13	18.79	18.93	18.94		
5	16QAM	25	0	18.78	18.92	18.75		
5	64QAM	1	0	18.75	18.77	18.73	20	2
5	64QAM	1	12	18.70	18.74	18.67		
5	64QAM	1	24	18.54	18.64	18.61		
5	64QAM	12	0	18.04	18.12	18.00	19	3
5	64QAM	12	7	18.00	18.05	17.98		
5	64QAM	12	13	18.01	18.10	18.04		
5	64QAM	25	0	17.87	18.08	17.95		
5	256QAM	1	0	16.60	16.73	16.63	17	5
5	256QAM	1	12	16.54	16.62	16.57		
5	256QAM	1	24	16.57	16.65	16.51		
5	256QAM	12	0	16.56	16.59	16.55	17	5
5	256QAM	12	7	16.40	16.46	16.43		
5	256QAM	12	13	16.59	16.53	16.45		
5	256QAM	25	0	16.39	16.61	16.49		

Band 48_FCC Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.68	19.74	19.36	18.85	23	0
20	QPSK	1	49	21.70	21.62	21.37	21.08		
20	QPSK	1	99	21.57	19.48	18.98	18.79		
20	QPSK	50	0	21.68	20.62	20.57	20.19	22	1
20	QPSK	50	24	20.66	20.57	20.50	20.22		
20	QPSK	50	50	20.62	20.59	20.41	20.12		
20	QPSK	100	0	20.59	20.51	20.43	20.16		
20	16QAM	1	0	20.49	18.27	18.17	18.13	22	1
20	16QAM	1	49	20.40	20.46	20.39	20.32		
20	16QAM	1	99	19.10	17.87	17.82	17.73		
20	16QAM	50	0	19.66	19.69	19.55	19.66	21	2
20	16QAM	50	24	19.31	19.36	19.29	19.27		
20	16QAM	50	50	19.17	19.32	19.27	19.28		
20	16QAM	100	0	19.56	19.62	19.54	19.57		
20	64QAM	1	0	18.21	17.55	17.47	17.45	21	2
20	64QAM	1	49	19.61	19.68	19.57	19.63		
20	64QAM	1	99	18.06	17.36	17.27	17.26		
20	64QAM	50	0	18.59	18.71	18.59	18.58	20	3
20	64QAM	50	24	18.50	18.56	18.45	18.46		
20	64QAM	50	50	18.53	18.64	18.52	18.58		
20	64QAM	100	0	18.55	18.61	18.50	18.58		
20	256QAM	1	0	15.11	14.40	14.31	14.27	18	5
20	256QAM	1	49	17.65	17.32	17.24	17.21		
20	256QAM	1	99	15.09	14.24	14.12	14.17		
20	256QAM	50	0	17.10	17.23	17.16	17.09	18	5
20	256QAM	50	24	17.15	17.19	17.05	17.16		
20	256QAM	50	50	17.07	17.21	17.17	17.07		
20	256QAM	100	0	17.06	17.13	17.01	17.04		
Channel				55315	55820	56140	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.55	19.47	18.95	18.45	23	0
15	QPSK	1	37	21.56	21.52	21.30	21.02		
15	QPSK	1	74	21.51	19.24	18.77	18.41		
15	QPSK	36	0	20.66	20.56	20.50	20.10	22	1
15	QPSK	36	20	20.61	20.53	20.38	20.15		
15	QPSK	36	39	20.52	20.45	20.34	20.01		
15	QPSK	75	0	20.47	20.40	20.32	20.12		
15	16QAM	1	0	20.42	18.22	18.08	18.06	22	1
15	16QAM	1	37	20.33	20.34	20.29	20.24		
15	16QAM	1	74	18.99	17.72	17.69	17.64		
15	16QAM	36	0	19.52	19.63	19.44	19.51	21	2
15	16QAM	36	20	19.25	19.24	19.21	19.16		
15	16QAM	36	39	19.09	19.27	19.15	19.21		
15	16QAM	75	0	19.47	19.56	19.47	19.51		
15	64QAM	1	0	18.15	17.43	17.41	17.32	21	2
15	64QAM	1	37	19.52	19.58	19.47	19.55		
15	64QAM	1	74	18.01	17.26	17.13	17.21		
15	64QAM	36	0	18.49	18.67	18.53	18.49	20	3
15	64QAM	36	20	18.44	18.49	18.35	18.31		
15	64QAM	36	39	18.49	18.52	18.39	18.50		
15	64QAM	75	0	18.41	18.50	18.42	18.49		
15	256QAM	1	0	15.08	14.33	14.19	14.12	18	5
15	256QAM	1	37	17.60	17.20	17.19	17.17		
15	256QAM	1	74	14.96	14.18	13.99	14.05		
15	256QAM	36	0	16.98	17.19	17.04	16.98	18	5
15	256QAM	36	20	17.09	17.13	17.00	17.04		
15	256QAM	36	39	17.01	17.07	17.11	16.95		
15	256QAM	75	0	16.95	17.04	16.97	16.99		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.58	19.36	19.01	18.42	23	0
10	QPSK	1	25	21.48	21.53	21.37	20.95		
10	QPSK	1	49	21.46	19.15	18.77	18.33		
10	QPSK	25	0	20.59	20.55	20.48	20.06	22	1
10	QPSK	25	12	20.59	20.45	20.46	20.15		
10	QPSK	25	25	20.49	20.44	20.27	20.05		
10	QPSK	50	0	20.52	20.42	20.36	20.12		
10	16QAM	1	0	20.37	18.15	18.05	18.05	22	1
10	16QAM	1	25	20.37	20.34	20.25	20.21		
10	16QAM	1	49	19.05	17.76	17.73	17.60		
10	16QAM	25	0	19.54	19.64	19.51	19.59	21	2
10	16QAM	25	12	19.21	19.28	19.22	19.18		
10	16QAM	25	25	19.07	19.25	19.16	19.22		
10	16QAM	50	0	19.42	19.53	19.51	19.54		
10	64QAM	1	0	18.12	17.47	17.40	17.32	21	2
10	64QAM	1	25	19.56	19.57	19.48	19.56		
10	64QAM	1	49	17.98	17.25	17.22	17.16		
10	64QAM	25	0	18.54	18.63	18.51	18.45	20	3
10	64QAM	25	12	18.45	18.51	18.41	18.39		
10	64QAM	25	25	18.45	18.58	18.44	18.53		
10	64QAM	50	0	18.45	18.56	18.42	18.55		
10	256QAM	1	0	15.00	14.33	14.27	14.22	18	5
10	256QAM	1	25	17.61	17.23	17.15	17.12		
10	256QAM	1	49	15.04	14.14	14.01	14.11		
10	256QAM	25	0	16.99	17.17	17.03	17.02	18	5
10	256QAM	25	12	17.03	17.06	17.01	17.04		
10	256QAM	25	25	16.94	17.09	17.11	16.95		
10	256QAM	50	0	16.95	17.05	16.97	16.92		
Channel				55265	55810	56115	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.63	19.46	18.99	18.39	23	0
5	QPSK	1	12	21.48	21.47	21.32	21.03		
5	QPSK	1	24	21.53	19.21	18.74	18.43		
5	QPSK	12	0	20.65	20.51	20.44	20.07	22	1
5	QPSK	12	7	20.58	20.48	20.37	20.12		
5	QPSK	12	13	20.53	20.48	20.30	19.98		
5	QPSK	25	0	20.45	20.42	20.36	20.07		
5	16QAM	1	0	20.38	18.18	18.09	18.00	22	1
5	16QAM	1	12	20.36	20.36	20.30	20.27		
5	16QAM	1	24	19.04	17.82	17.74	17.58		
5	16QAM	12	0	19.57	19.56	19.43	19.51	21	2
5	16QAM	12	7	19.20	19.22	19.20	19.12		
5	16QAM	12	13	19.10	19.27	19.19	19.21		
5	16QAM	25	0	19.48	19.59	19.50	19.53		
5	64QAM	1	0	18.16	17.47	17.39	17.39	21	2
5	64QAM	1	12	19.48	19.56	19.53	19.60		
5	64QAM	1	24	17.94	17.32	17.23	17.11		
5	64QAM	12	0	18.45	18.61	18.50	18.51	20	3
5	64QAM	12	7	18.40	18.43	18.37	18.39		
5	64QAM	12	13	18.41	18.50	18.46	18.43		
5	64QAM	25	0	18.46	18.47	18.39	18.47		
5	256QAM	1	0	15.04	14.29	14.21	14.18	18	5
5	256QAM	1	12	17.55	17.21	17.13	17.12		
5	256QAM	1	24	14.97	14.10	14.01	14.04		
5	256QAM	12	0	16.96	17.11	17.08	17.01	18	5
5	256QAM	12	7	17.08	17.04	16.93	17.01		
5	256QAM	12	13	16.93	17.15	17.09	16.95		
5	256QAM	25	0	17.01

	GSM1900 Ant2 Default							
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.24	30.28	30.07	30.50	21.24	21.28	21.07	21.50
GPRS 1 Tx slot	30.27	30.30	30.09	30.50	21.27	21.30	21.09	21.50
GPRS 2 Tx slots	28.35	28.29	28.29	29.50	22.35	22.29	22.29	23.50
GPRS 3 Tx slots	26.82	26.82	26.79	28.00	22.56	22.56	22.53	23.74
GPRS 4 Tx slots	24.43	24.47	24.52	25.50	21.43	21.47	21.52	22.50
EDGE 1 Tx slot	25.79	25.74	25.81	26.50	16.79	16.74	16.81	17.50
EDGE 2 Tx slots	24.23	24.26	24.28	25.50	18.23	18.26	18.28	19.50
EDGE 3 Tx slots	23.05	23.12	23.07	24.00	18.79	18.86	18.81	19.74
EDGE 4 Tx slots	21.11	21.10	21.14	22.00	18.11	18.10	18.14	19.00

		WCDMA II Ant2 DSI3				WCDMA IV Ant2 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.59	21.62	21.53	22.90	22.93	22.85	22.85	24.00
3GPP Rel 99	RMC 12.2Kbps	21.66	21.68	21.58	22.90	22.92	22.97	22.84	24.00
3GPP Rel 6	HSDPA Subtest-1	20.42	20.50	20.39	21.90	22.04	22.02	21.92	23.00
3GPP Rel 6	HSDPA Subtest-2	20.58	20.82	20.62	21.90	22.11	22.15	21.91	23.00
3GPP Rel 6	HSDPA Subtest-3	20.16	20.21	20.16	21.40	21.76	21.81	21.54	22.50
3GPP Rel 6	HSDPA Subtest-4	20.25	20.19	20.06	21.40	21.51	21.68	21.49	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.67	20.68	20.41	21.90	22.09	22.24	21.95	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.62	20.85	20.58	21.90	22.01	22.21	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.82	20.09	20.12	21.40	21.39	21.62	21.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.16	20.08	19.99	21.40	21.74	21.47	21.45	22.50
3GPP Rel 6	HSUPA Subtest-1	20.50	20.68	20.45	21.90	21.96	22.21	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	18.43	18.67	18.66	19.90	20.09	20.19	20.19	21.00
3GPP Rel 6	HSUPA Subtest-3	19.55	19.76	19.49	20.90	21.22	21.14	20.93	22.00
3GPP Rel 6	HSUPA Subtest-4	18.46	18.81	18.44	19.90	20.05	20.06	20.05	21.00
3GPP Rel 6	HSUPA Subtest-5	20.45	20.69	20.58	21.90	21.99	22.04	21.99	23.00

Band 2 Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.12	21.21	21.17		
20	QPSK	1	49	21.05	21.14	20.93	22.7	0
20	QPSK	1	99	21.03	21.10	20.82		
20	QPSK	50	0	21.06	21.18	21.03		
20	QPSK	50	24	21.03	20.98	21.00	22.7	0
20	QPSK	50	50	21.05	20.97	21.00		
20	QPSK	100	0	20.92	21.16	20.96		
20	16QAM	1	0	21.03	21.09	20.90		
20	16QAM	1	49	20.74	21.02	20.78	22.7	0
20	16QAM	1	99	21.05	21.09	20.84		
20	16QAM	50	0	20.81	21.00	20.82		
20	16QAM	50	24	20.75	20.67	20.73	22.2	0.5
20	16QAM	50	50	20.90	20.79	20.78		
20	16QAM	100	0	20.84	20.82	20.88		
20	64QAM	1	0	20.69	20.64	20.80		
20	64QAM	1	49	20.81	20.95	20.89	22.2	0.5
20	64QAM	1	99	20.98	20.95	20.77		
20	64QAM	50	0	19.93	19.72	19.84		
20	64QAM	50	24	19.80	19.77	19.93	21.2	1.5
20	64QAM	50	50	19.81	19.85	19.78		
20	64QAM	100	0	19.81	19.78	19.81		
20	256QAM	1	0	18.07	17.93	17.90		
20	256QAM	1	49	18.13	18.12	18.01	19.2	3.5
20	256QAM	1	99	17.96	18.00	18.05		
20	256QAM	50	0	18.07	18.02	17.88		
20	256QAM	50	24	18.13	18.07	18.15	19.2	3.5
20	256QAM	50	50	18.15	18.00	18.02		
20	256QAM	100	0	18.15	17.95	17.94		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.07	21.14	21.17		
15	QPSK	1	37	21.01	21.15	20.89	22.7	0
15	QPSK	1	74	20.99	20.93	20.89		
15	QPSK	36	0	20.88	21.16	21.04		
15	QPSK	36	20	20.82	20.84	20.97	22.7	0
15	QPSK	36	39	21.05	20.88	20.84		
15	QPSK	75	0	20.74	21.07	20.95		
15	16QAM	1	0	20.88	21.01	20.75		
15	16QAM	1	37	20.82	20.97	20.71	22.7	0
15	16QAM	1	74	20.89	21.09	20.86		
15	16QAM	36	0	20.70	20.78	20.80		
15	16QAM	36	20	20.66	20.64	20.52	22.2	0.5
15	16QAM	36	39	20.81	20.79	20.57		
15	16QAM	75	0	20.68	20.62	20.81		
15	64QAM	1	0	20.67	20.46	20.77		
15	64QAM	1	37	20.59	20.83	20.84	22.2	0.5
15	64QAM	1	74	20.83	20.91	20.66		
15	64QAM	36	0	19.81	19.72	19.63		
15	64QAM	36	20	19.72	19.55	19.93	21.2	1.5
15	64QAM	36	39	19.70	19.77	19.57		
15	64QAM	75	0	19.73	19.77	19.75		
15	256QAM	1	0	17.95	17.84	17.69		
15	256QAM	1	37	17.99	17.86	17.83	19.2	3.5
15	256QAM	1	74	17.79	17.88	17.95		
15	256QAM	36	0	17.99	17.89	17.71		
15	256QAM	36	20	17.91	17.86	18.02	19.2	3.5
15	256QAM	36	39	18.10	17.87	17.83		
15	256QAM	75	0	18.05	17.78	17.77		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.94	21.08	21.04		
10	QPSK	1	25	21.06	20.97	20.87	22.7	0
10	QPSK	1	49	21.04	20.94	20.89		
10	QPSK	25	0	20.92	21.01	20.86		
10	QPSK	25	12	20.89	20.96	20.95	22.7	0
10	QPSK	25	25	20.88	20.96	21.01		
10	QPSK	50	0	20.90	21.18	20.84		
10	16QAM	1	0	20.99	21.05	20.70		
10	16QAM	1	25	20.97	20.99	20.93	22.7	0
10	16QAM	1	49	20.97	20.97	20.76		
10	16QAM	25	0	20.68	20.79	20.83		
10	16QAM	25	12	20.76	20.65	20.55	22.2	0.5
10	16QAM	25	25	20.76	20.66	20.63		
10	16QAM	50	0	20.81	20.61	20.71		
10	64QAM	1	0	20.66	20.61	20.63		
10	64QAM	1	25	20.76	20.80	20.88	22.2	0.5
10	64QAM	1	49	20.87	20.76	20.62		
10	64QAM	25	0	19.81	19.57	19.65		
10	64QAM	25	12	19.79	19.73	19.88	21.2	1.5
10	64QAM	25	25	19.79	19.87	19.66		
10	64QAM	50	0	19.67	19.59	19.74		
10	256QAM	1	0	18.00	17.95	17.88		
10	256QAM	1	25	17.92	18.01	17.94	19.2	3.5
10	256QAM	1	49	17.97	17.99	17.94		
10	256QAM	25	0	17.87	17.94	17.81		
10	256QAM	25	12	17.99	17.89	18.04	19.2	3.5
10	256QAM	25	25	17.96	17.80	17.81		
10	256QAM	50	0	18.04	17.91	17.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.13	21.20	21.06		
5	QPSK	1	12	20.86	21.05	20.77	22.7	0
5	QPSK	1	24	21.01	21.04	20.72		
5	QPSK	12	0	20.97	21.03	20.91		
5	QPSK	12	7	20.95	20.91	20.92	22.7	0
5	QPSK	12	13	20.87	20.75	20.98		
5	QPSK	25	0	20.80	21.16	20.89		
5	16QAM	1	0	21.01	20.91	20.72		
5	16QAM	1	12	20.89	20.89	20.77	22.7	0
5	16QAM	1	24	20.88	20.94	20.72		
5	16QAM	12	0	20.62	21.02	20.81		
5	16QAM	12	7	20.64	20.83	20.75	22.2	0.5
5	16QAM	12	13	20.73	20.70	20.56		
5	16QAM	25	0	20.75	20.83	20.73		
5	64QAM	1	0	20.96	20.87	20.74		
5	64QAM	1	12	20.83	20.83	20.86	22.2	0.5
5	64QAM	1	24	20.98	20.84	20.77		
5	64QAM	12	0	19.94	19.50	19.82		
5	64QAM	12	7	19.73	19.56	19.79	21.2	1.5
5	64QAM	12	13	19.78	19.69	19.75		
5	64QAM	25	0	19.82	19.59	19.74		
5	256QAM	1	0	17.89	17.78	17.82		
5	256QAM	1	12	18.00	18.05	18.00	19.2	3.5
5	256QAM	1	24	17.84	17.81	18.00		
5	256QAM	12	0	17.93	17.88	17.67		
5	256QAM	12	7	18.04	17.90	18.00	19.2	3.5
5	256QAM	12	13	18.03	18.02	17.83		
5	256QAM	25	0	17.98	17.90	17.84		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.93	21.15	21.01		
3	QPSK	1	8	20.84	20.92	20.89	22.7	0
3	QPSK	1	14	21.03	21.11	20.78		
3	QPSK	8	0	20.90	21.18	20.99		
3	QPSK	8	4	20.99	20.82	21.01	22.7	0
3	QPSK	8	7	20.99	20.85	20.86		
3	QPSK	15	0	20.74	21.12	20.89		
3	16QAM	1	0	21.04	21.00	20.77		
3	16QAM	1	8	20.86	20.91	20.94	22.7	0
3	16QAM	1	14	21.00	20.90	20.96		
3	16QAM	8	0	20.75	20.99	20.73		
3	16QAM	8	4	20.71	20.59	20.74	22.2	0.5
3	16QAM	8	7	20.71	20.76	20.64		
3	16QAM	15	0	20.78	20.64	20.73		
3	64QAM	1	0	20.70	20.57	20.77		
3	64QAM	1	8	20.76	20.77	20.74	22.2	0.5
3	64QAM	1	14	20.77	20.73	20.68		
3	64QAM	8	0	19.81	19.63	19.65		
3	64QAM	8	4	19.68	19.76	19.82	21.2	1.5
3	64QAM	8	7	19.61	19.87	19.79		
3	64QAM	15	0	19.71	19.61	19.59		
3	256QAM	1	0	18.01	17.89	17.84		
3	256QAM	1	8	18.05	18.07	17.97	19.2	3.5
3	256QAM	1	14	17.98	18.02	18.05		
3	256QAM	8	0	17.92	18.00	17.78		
3	256QAM	8	4	17.93	17.94	17.97	19.2	3.5
3	256QAM	8	7	18.05	18.01	17.89		
3	256QAM	15	0	18.04	17.74	17.85		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.92	20.95	20.96		
1.4	QPSK	1	3	20.85	21.13	20.96		
1.4	QPSK	1	5	20.98	21.06	20.99	22.7	0
1.4	QPSK	3	0	20.91	21.04	21.02		
1.4	QPSK	3	1	21.09	21.20	21.05		
1.4	QPSK	3	3	20.96	20.93	20.97		
1.4	QPSK	6	0	21.01	21.07	21.04	22.7	0
1.4	16QAM	1	0	20.87	20.91	21.01		
1.4	16QAM	1	3	20.92	20.89	20.81		
1.4	16QAM	1	5	21.07	20.85	21.07	22.7	0
1.4	16QAM	3	0	21.06	21.05	21.03		
1.4	16QAM	3	1	20.95	21.11	20.88		
1.4	16QAM	3	3	20.97	21.18	21.05		
1.4	16QAM	6	0	20.85	20.75	20.72	22.2	0.5
1.4	64QAM	1	0	20.81	20.70	20.74		
1.4	64QAM	1	3	20.76	20.59	20.68		
1.4	64QAM	1	5	20.68	20.65	20.75	22.2	0.5
1.4	64QAM	3	0	20.72	20.54	20.62		
1.4	64QAM	3	1	20.77	20.96	20.91		
1.4	64QAM	3	3	20.91	20.54	20.84		
1.4	64QAM	6	0	19.80	19.68	19.66	21.2	1.5
1.4	256QAM	1	0	18.78	18.63	18.62		
1.4	256QAM	1	3	18.46	18.68	18.63		
1.4	256QAM	1	5	18.50	18.46	18.63	19.2	3.5
1.4	256QAM	3	0	18.47	18.50	18.51		
1.4	256QAM	3	1	18.49	18.48	18.47		
1.4	256QAM	3	3	18.67	18.96	18.51		
1.4	256QAM	6	0	18.61	18.62	18.55	19.2	3.5

Band 4 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.40	21.43	21.41		
20	QPSK	1	49	21.40	21.31	21.27	23	0
20	QPSK	1	99	21.37	21.40	21.24		
20	QPSK	50	0	21.32	21.39	21.31		
20	QPSK	50	24	21.31	21.38	21.30	23	0
20	QPSK	50	50	21.35	21.32	21.29		
20	QPSK	100	0	21.33	21.36	21.28		
20	16QAM	1	0	21.17	21.39	21.22		
20	16QAM	1	49	21.21	21.17	21.21	23	0
20	16QAM	1	99	21.31	21.31	21.24		
20	16QAM	50	0	20.96	20.88	20.74		
20	16QAM	50	24	20.85	20.75	20.82	22.5	0.5
20	16QAM	50	50	20.81	20.72	20.77		
20	16QAM	100	0	20.64	20.66	20.83		
20	64QAM	1	0	20.62	20.62	20.73		
20	64QAM	1	49	20.83	20.80	20.80	22.5	0.5
20	64QAM	1	99	20.78	20.77	20.73		
20	64QAM	50	0	19.80	19.61	19.75		
20	64QAM	50	24	19.65	19.76	19.67	21.5	1.5
20	64QAM	50	50	19.85	19.70	19.63		
20	64QAM	100	0	19.67	19.83	19.69		
20	256QAM	1	0	18.09	17.87	17.83		
20	256QAM	1	49	18.07	17.98	17.81	19.5	3.5
20	256QAM	1	99	17.92	17.85	17.94		
20	256QAM	50	0	17.96	17.80	17.84		
20	256QAM	50	24	18.03	17.95	18.01	19.5	3.5
20	256QAM	50	50	18.00	17.91	18.09		
20	256QAM	100	0	18.07	17.91	18.03		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.29	21.42	21.36		
15	QPSK	1	37	21.38	21.24	21.23	23	0
15	QPSK	1	74	21.27	21.29	21.23		
15	QPSK	36	0	21.12	21.29	21.26		
15	QPSK	36	20	21.31	21.30	21.18	23	0
15	QPSK	36	39	21.24	21.25	21.14		
15	QPSK	75	0	21.25	21.32	21.08		
15	16QAM	1	0	21.12	21.22	21.15		
15	16QAM	1	37	21.14	21.10	21.13	23	0
15	16QAM	1	74	21.28	21.26	21.05		
15	16QAM	36	0	20.65	20.80	20.56		
15	16QAM	36	20	20.79	20.72	20.69	22.5	0.5
15	16QAM	36	39	20.79	20.65	20.61		
15	16QAM	75	0	20.61	20.63	20.72		
15	64QAM	1	0	20.55	20.72	20.65		
15	64QAM	1	37	20.74	20.72	20.65	22.5	0.5
15	64QAM	1	74	20.73	20.65	20.68		
15	64QAM	36	0	19.77	19.56	19.73		
15	64QAM	36	20	19.54	19.75	19.63	21.5	1.5
15	64QAM	36	39	19.79	19.67	19.60		
15	64QAM	75	0	19.64	19.67	19.57		
15	256QAM	1	0	17.89	17.76	17.65		
15	256QAM	1	37	18.06	17.81	17.72	19.5	3.5
15	256QAM	1	74	17.82	17.83	17.91		
15	256QAM	36	0	17.92	17.68	17.84		
15	256QAM	36	20	17.84	17.81	17.82	19.5	3.5
15	256QAM	36	39	17.96	17.81	18.01		
15	256QAM	75	0	17.93	17.84	17.96		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.23	21.26	21.30		
10	QPSK	1	25	21.28	21.13	21.24	23	0
10	QPSK	1	49	21.17	21.22	21.10		
10	QPSK	25	0	21.25	21.31	21.17		
10	QPSK	25	12	21.16	21.36	21.15	23	0
10	QPSK	25	25	21.27	21.22	21.15		
10	QPSK	50	0	21.22	21.22	21.16		
10	16QAM	1	0	21.13	21.21	21.07		
10	16QAM	1	25	21.05	21.07	21.04	23	0
10	16QAM	1	49	21.18	21.17	21.22		
10	16QAM	25	0	20.61	20.71	20.59		
10	16QAM	25	12	20.71	20.67	20.78	22.5	0.5
10	16QAM	25	25	20.76	20.67	20.67		
10	16QAM	50	0	20.62	20.57	20.66		
10	64QAM	1	0	20.54	20.67	20.62		
10	64QAM	1	25	20.81	20.77	20.62	22.5	0.5
10	64QAM	1	49	20.68	20.66	20.65		
10	64QAM	25	0	19.67	19.65	19.57		
10	64QAM	25	12	19.61	19.60	19.62	21.5	1.5
10	64QAM	25	25	19.67	19.53	19.51		
10	64QAM	50	0	19.59	19.73	19.51		
10	256QAM	1	0	17.98	17.71	17.74		
10	256QAM	1	25	17.99	17.96	17.73	19.5	3.5
10	256QAM	1	49	17.84	17.70	17.92		
10	256QAM	25	0	17.95	17.68	17.64		
10	256QAM	25	12	17.90	17.89	17.91	19.5	3.5
10	256QAM	25	25	17.81	17.74	18.04		
10	256QAM	50	0	18.03	17.74	17.83		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.32	21.40	21.24		
5	QPSK	1	12	21.39	21.27	21.14	23	0
5	QPSK	1	24	21.27	21.28	21.15		
5	QPSK	12	0	21.29	21.31	21.16		
5	QPSK	12	7	21.20	21.26	21.27	23	0
5	QPSK	12	13	21.30	21.26	21.21		
5	QPSK	25	0	21.23	21.17	21.26		
5	16QAM	1	0	21.00	21.24	21.17		
5	16QAM	1	12	21.01	21.07	21.18	23	0
5	16QAM	1	24	21.21	21.16	21.07		
5	16QAM	12	0	20.65	20.85	20.64		
5	16QAM	12	7	20.77	20.67	20.63	22.5	0.5
5	16QAM	12	13	20.67	20.61	20.59		
5	16QAM	25	0	20.54	20.50	20.82		
5	64QAM	1	0	20.66	20.58	20.56		
5	64QAM	1	12	20.72	20.77	20.64	22.5	0.5
5	64QAM	1	24	20.68	20.65	20.71		
5	64QAM	12	0	19.80	19.59	19.70		
5	64QAM	12	7	19.60	19.59	19.54	21.5	1.5
5	64QAM	12	13	19.82	19.65	19.63		
5	64QAM	25	0	19.53	19.72	19.53		
5	256QAM	1	0	17.96	17.81	17.71		
5	256QAM	1	12	18.02	17.90	17.79	19.5	3.5
5	256QAM	1	24	17.73	17.74	17.78		
5	256QAM	12	0	17.76	17.80	17.73		
5	256QAM	12	7	17.93	17.92	17.93	19.5	3.5
5	256QAM	12	13	17.99	17.86	17.98		
5	256QAM	25	0	17.95	17.76	17.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.24	21.34	21.40		
3	QPSK	1	8	21.30	21.30	21.18	23	0
3	QPSK	1	14	21.27	21.23	21.12		
3	QPSK	8	0	21.31	21.29	21.28		
3	QPSK	8	4	21.21	21.22	21.29	23	0
3	QPSK	8	7	21.23	21.15	21.09		
3	QPSK	15	0	21.25	21.16	21.20		
3	16QAM	1	0	21.28	21.20	21.14		
3	16QAM	1	8	21.07	21.07	21.03	23	0
3	16QAM	1	14	21.16	21.22	21.09		
3	16QAM	8	0	20.66	20.85	20.59		
3	16QAM	8	4	20.66	20.64	20.58	22.5	0.5
3	16QAM	8	7	20.63	20.64	20.60		
3	16QAM	15	0	20.61	20.57	20.67		
3	64QAM	1	0	20.67	20.73	20.63		
3	64QAM	1	8	20.80	20.66	20.71	22.5	0.5
3	64QAM	1	14	20.63	20.70	20.71		
3	64QAM	8	0	19.79	19.67	19.63		
3	64QAM	8	4	19.65	19.69	19.59	21.5	1.5
3	64QAM	8	7	19.66	19.62	19.64		
3	64QAM	15	0	19.52	19.76	19.62		
3	256QAM	1	0	17.95	17.69	17.76		
3	256QAM	1	8	17.97	17.94	17.78	19.5	3.5
3	256QAM	1	14	17.92	17.69	17.84		
3	256QAM	8	0	17.83	17.70	17.80		
3	256QAM	8	4	18.03	17.79	17.99	19.5	3.5
3	256QAM	8	7	17.83	17.78	18.02		
3	256QAM	15	0	17.89	17.79	17.98		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.22	21.35	21.33		
1.4	QPSK	1	3	21.24	21.42	21.35		
1.4	QPSK	1	5	21.36	21.42	21.37	23	0
1.4	QPSK	3	0	21.20	21.25	21.35		
1.4	QPSK	3	1	21.35	21.35	21.28		
1.4	QPSK	3	3	21.27	21.35	21.35		
1.4	QPSK	6	0	21.29	21.38	21.23	23	0
1.4	16QAM	1	0	21.25	21.28	21.30		
1.4	16QAM	1	3	21.33	21.40	21.34		
1.4	16QAM	1	5	21.28	21.30	21.33	23	0
1.4	16QAM	3	0	21.20	21.39	21.41		
1.4	16QAM	3	1	21.23	21.27	21.25		
1.4	16QAM	3	3	21.23	21.29	21.29		
1.4	16QAM	6	0	20.58	20.65	20.66	22.5	0.5
1.4	64QAM	1	0	20.67	20.66	20.66		
1.4	64QAM	1	3	20.62	20.68	20.58		
1.4	64QAM	1	5	20.68	20.52	20.75	22.5	0.5
1.4	64QAM	3	0	20.71	20.63	20.68		
1.4	64QAM	3	1	20.63	20.52	20.74		
1.4	64QAM	3	3	20.65	20.56	20.69		
1.4	64QAM	6	0	19.66	19.50	19.73	21.5	1.5
1.4	256QAM	1	0	18.60	18.55	18.45		
1.4	256QAM	1	3	18.50	18.56	18.45		
1.4	256QAM	1	5	18.55	18.57	18.46	19.5	3.5
1.4	256QAM	3	0	18.52	18.44	18.39		
1.4	256QAM	3	1	18.51	18.50	18.42		
1.4	256QAM	3	3	18.48	18.39	18.55		
1.4	256QAM	6	0	18.49	18.37	18.39	19.5	3.5

Band 7 Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.14	21.17	21.10		
20	QPSK	1	49	20.93	21.06	20.95	22.6	0
20	QPSK	1	99	20.93	21.10	20.87		
20	QPSK	50	0	21.05	21.15	21.04		
20	QPSK	50	24	20.91	20.89	20.85	22.6	0
20	QPSK	50	50	20.89	20.96	20.84		
20	QPSK	100	0	21.06	21.15	20.96		
20	16QAM	1	0

Band 66 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.40	21.53	21.49	23	0
20	QPSK	1	49	21.42	21.27	21.18		
20	QPSK	1	99	21.37	21.46	21.16		
20	QPSK	50	0	21.24	21.46	21.35	23	0
20	QPSK	50	24	21.22	21.38	21.28		
20	QPSK	50	50	21.38	21.34	21.37		
20	QPSK	100	0	21.33	21.43	21.31		
20	16QAM	1	0	21.07	21.40	21.31	23	0
20	16QAM	1	49	21.16	21.16	21.24		
20	16QAM	1	99	21.36	21.21	21.25		
20	16QAM	50	0	20.56	20.89	20.78	22.5	0.5
20	16QAM	50	24	20.84	20.65	20.77		
20	16QAM	50	50	20.88	20.78	20.75		
20	16QAM	100	0	20.69	20.63	20.76		
20	64QAM	1	0	20.59	20.63	20.78	22.5	0.5
20	64QAM	1	49	20.86	20.73	20.90		
20	64QAM	1	99	20.70	20.82	20.74		
20	64QAM	50	0	19.82	19.55	19.69	21.5	1.5
20	64QAM	50	24	19.71	19.68	19.60		
20	64QAM	50	50	19.91	19.79	19.67		
20	64QAM	100	0	19.62	19.77	19.77		
20	256QAM	1	0	18.10	17.80	17.80	19.5	3.5
20	256QAM	1	49	18.01	17.99	17.77		
20	256QAM	1	99	17.83	17.86	17.94		
20	256QAM	50	0	18.06	17.75	17.84	19.5	3.5
20	256QAM	50	24	17.93	17.88	17.93		
20	256QAM	50	50	17.94	17.82	18.00		
20	256QAM	100	0	18.00	17.86	17.97		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.31	21.38	21.42	23	0
15	QPSK	1	37	21.36	21.41	21.23		
15	QPSK	1	74	21.28	21.47	21.26		
15	QPSK	36	0	21.39	21.36	21.38	23	0
15	QPSK	36	20	21.39	21.41	21.32		
15	QPSK	36	39	21.35	21.32	21.27		
15	QPSK	75	0	21.26	21.44	21.33		
15	16QAM	1	0	21.15	21.36	21.13	23	0
15	16QAM	1	37	21.31	21.20	21.16		
15	16QAM	1	74	21.30	21.39	21.32		
15	16QAM	36	0	20.59	20.91	20.76	22.5	0.5
15	16QAM	36	20	20.88	20.73	20.88		
15	16QAM	36	39	20.76	20.69	20.74		
15	16QAM	75	0	20.71	20.59	20.84		
15	64QAM	1	0	20.77	20.71	20.77	22.5	0.5
15	64QAM	1	37	20.79	20.89	20.89		
15	64QAM	1	74	20.76	20.77	20.72		
15	64QAM	36	0	19.81	19.62	19.66	21.5	1.5
15	64QAM	36	20	19.57	19.70	19.76		
15	64QAM	36	39	19.94	19.79	19.71		
15	64QAM	75	0	19.60	19.82	19.71		
15	256QAM	1	0	18.19	17.95	17.81	19.5	3.5
15	256QAM	1	37	18.14	17.91	17.71		
15	256QAM	1	74	17.84	17.88	17.91		
15	256QAM	36	0	17.94	17.72	17.77	19.5	3.5
15	256QAM	36	20	18.02	18.02	18.11		
15	256QAM	36	39	18.05	17.84	18.18		
15	256QAM	75	0	18.09	17.87	18.09		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.34	21.42	21.35	23	0
10	QPSK	1	25	21.46	21.31	21.32		
10	QPSK	1	49	21.33	21.33	21.24		
10	QPSK	25	0	21.42	21.34	21.33	23	0
10	QPSK	25	12	21.36	21.39	21.25		
10	QPSK	25	25	21.33	21.36	21.37		
10	QPSK	50	0	21.34	21.36	21.30		
10	16QAM	1	0	21.22	21.42	21.26	23	0
10	16QAM	1	25	21.30	21.20	21.17		
10	16QAM	1	49	21.32	21.28	21.21		
10	16QAM	25	0	20.60	20.81	20.84	22.5	0.5
10	16QAM	25	12	20.83	20.84	20.76		
10	16QAM	25	25	20.84	20.63	20.76		
10	16QAM	50	0	20.59	20.59	20.76		
10	64QAM	1	0	20.62	20.62	20.71	22.5	0.5
10	64QAM	1	25	20.91	20.85	20.70		
10	64QAM	1	49	20.74	20.76	20.69		
10	64QAM	25	0	19.85	19.57	19.80	21.5	1.5
10	64QAM	25	12	19.62	19.77	19.59		
10	64QAM	25	25	19.80	19.69	19.58		
10	64QAM	50	0	19.76	19.77	19.68		
10	256QAM	1	0	18.07	17.78	17.81	19.5	3.5
10	256QAM	1	25	18.09	17.96	17.79		
10	256QAM	1	49	17.91	17.89	17.97		
10	256QAM	25	0	18.00	17.85	17.81	19.5	3.5
10	256QAM	25	12	18.04	17.90	17.92		
10	256QAM	25	25	17.95	17.84	17.99		
10	256QAM	50	0	18.02	17.96	18.02		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.41	21.37	21.41	23	0
5	QPSK	1	12	21.33	21.36	21.29		
5	QPSK	1	24	21.40	21.49	21.17		
5	QPSK	12	0	21.28	21.34	21.37	23	0
5	QPSK	12	7	21.28	21.47	21.39		
5	QPSK	12	13	21.36	21.24	21.28		
5	QPSK	25	0	21.28	21.36	21.24		
5	16QAM	1	0	21.21	21.30	21.31	23	0
5	16QAM	1	12	21.14	21.07	21.26		
5	16QAM	1	24	21.26	21.35	21.30		
5	16QAM	12	0	20.53	20.95	20.80	22.5	0.5
5	16QAM	12	7	20.76	20.82	20.76		
5	16QAM	12	13	20.72	20.73	20.78		
5	16QAM	25	0	20.69	20.66	20.89		
5	64QAM	1	0	20.75	20.71	20.71	22.5	0.5
5	64QAM	1	12	20.90	20.71	20.79		
5	64QAM	1	24	20.84	20.69	20.80		
5	64QAM	12	0	19.80	19.57	19.75	21.5	1.5
5	64QAM	12	7	19.68	19.80	19.74		
5	64QAM	12	13	19.75	19.79	19.71		
5	64QAM	25	0	19.69	19.74	19.59		
5	256QAM	1	0	18.03	17.78	17.89	19.5	3.5
5	256QAM	1	12	18.09	18.04	17.85		
5	256QAM	1	24	17.83	17.88	17.97		
5	256QAM	12	0	18.02	17.72	17.93	19.5	3.5
5	256QAM	12	7	17.98	17.92	18.08		
5	256QAM	12	13	18.01	17.82	18.19		
5	256QAM	25	0	18.09	17.84	18.12		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.40	21.41	21.44	23	0
3	QPSK	1	8	21.40	21.28	21.31		
3	QPSK	1	14	21.37	21.41	21.17		
3	QPSK	8	0	21.38	21.30	21.34	23	0
3	QPSK	8	4	21.36	21.43	21.33		
3	QPSK	8	7	21.25	21.23	21.34		
3	QPSK	15	0	21.39	21.40	21.26		
3	16QAM	1	0	21.15	21.39	21.28	23	0
3	16QAM	1	8	21.14	21.13	21.27		
3	16QAM	1	14	21.36	21.30	21.26		
3	16QAM	8	0	20.89	20.91	20.72	22.5	0.5
3	16QAM	8	4	20.89	20.72	20.81		
3	16QAM	8	7	20.88	20.73	20.81		
3	16QAM	15	0	20.55	20.66	20.89		
3	64QAM	1	0	20.67	20.55	20.65	22.5	0.5
3	64QAM	1	8	20.81	20.83	20.84		
3	64QAM	1	14	20.83	20.67	20.76		
3	64QAM	8	0	19.78	19.58	19.67	21.5	1.5
3	64QAM	8	4	19.62	19.74	19.67		
3	64QAM	8	7	19.95	19.71	19.59		
3	64QAM	15	0	19.64	19.77	19.73		
3	256QAM	1	0	18.08	17.88	17.89	19.5	3.5
3	256QAM	1	8	18.14	17.97	17.75		
3	256QAM	1	14	17.97	17.76	18.02		
3	256QAM	8	0	17.99	17.72	17.85	19.5	3.5
3	256QAM	8	4	17.94	18.05	18.09		
3	256QAM	8	7	17.97	17.92	18.03		
3	256QAM	15	0	18.13	17.93	17.94		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.29	21.40	21.35	23	0
1.4	QPSK	1	3	21.35	21.37	21.50		
1.4	QPSK	1	5	21.29	21.45	21.41		
1.4	QPSK	3	0	21.40	21.47	21.39		
1.4	QPSK	3	1	21.32	21.52	21.48		
1.4	QPSK	3	3	21.40	21.46	21.43		
1.4	QPSK	6	0	21.47	21.51	21.44	23	0
1.4	16QAM	1	0	21.45	21.49	21.42	23	0
1.4	16QAM	1	3	21.31	21.51	21.33		
1.4	16QAM	1	5	21.32	21.33	21.33		
1.4	16QAM	3	0	21.47	21.40	21.33		
1.4	16QAM	3	1	21.39	21.42	21.51		
1.4	16QAM	3	3	21.32	21.38	21.49		
1.4	16QAM	6	0	20.79	20.74	20.84	22.5	0.5
1.4	64QAM	1	0	20.68	20.76	20.67	22.5	0.5
1.4	64QAM	1	3	20.73	20.63	20.78		
1.4	64QAM	1	5	20.73	20.76	20.79		
1.4	64QAM	3	0	20.73	20.68	20.81		
1.4	64QAM	3	1	20.83	20.62	20.76		
1.4	64QAM	3	3	20.76	20.57	20.84		
1.4	64QAM	6	0	19.67	19.58	19.67	21.5	1.5
1.4	256QAM	1	0	18.65	18.73	18.72	19.5	3.5
1.4	256QAM	1	3	18.63	18.64	18.66		
1.4	256QAM	1	5	18.57	18.56	18.57		
1.4	256QAM	3	0	18.63	18.59	18.58		
1.4	256QAM	3	1	18.61	18.48	18.56		
1.4	256QAM	3	3	18.54	18.62	18.60		
1.4	256QAM	6	0	18.61	18.50	18.63	19.5	3.5

Band 38 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.88	21.92	21.82	23	0
20	QPSK	1	49	21.79	21.74	21.70		
20	QPSK	1	99	21.75	21.72	21.69		
20	QPSK	50	0	21.76	21.69	21.81	23	0
20	QPSK	50	24	21.68	21.69	21.65		
20	QPSK	50	50	21.85	21.73	21.63		
20	QPSK	100	0	21.70	21.76	21.60		
20	16QAM	1	0	21.51	21.81	21.53	23	0
20	16QAM	1	49	21.51	21.63	21.57		
20	16QAM	1	99	21.67	21.73	21.61		
20	16QAM	50	0	21.05	21.21	21.23	22.5	0.5
20	16QAM	50	24	21.32	21.21	21.16		
20	16QAM	50	50	21.25	21.15	21.15		
20	16QAM	100	0	21.12	21.07	21.23		
20	64QAM	1	0	21.05	20.92	21.10	22.5	0.5
20	64QAM	1	49	21.33	21.14	21.28		
20	64QAM	1	99	21.18	21.23	21.15		
20	64QAM	50	0	20.21	19.94	20.13	21.5	1.5
20	64QAM	50	24	20.01	20.23	20.02		
20	64QAM	50	50	20.30	20.01	20.05		
20	64QAM	100	0	20.03	20.15	20.18		
20	256QAM	1	0	18.48	18.30	18.29	19.5	3.5
20	256QAM	1	49	18.45	18.33	18.15		
20	256QAM	1	99	18.24	18.16	18.28		
20	256QAM	50	0	18.40	18.27	18.30	19.5	3.5
20	256QAM	50	24	18.50	18.25	18.45		
20	256QAM	50	50	18.50	18.40	18.54		
20	256QAM	100	0	18.49	18.36	18.37		
Channel				37625	38000	38375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.71	21.79	21.81	23	0
15	QPSK	1	37	21.76	21.70	21.65		
15	QPSK	1	74	21.67	21.87	21.67		
15	QPSK	36	0	21.71	21.71	21.75	23	0
15	QPSK	36	20	21.77	21.81	21.64		
15	QPSK	36	39	21.68	21.78	21.67		
15	QPSK	75	0	21.77	21.72	21.72		
15	16QAM	1	0	21.65	21.82	21.60	23	0
15	16QAM	1	37	21.52	21.65	21.64		
15	16QAM	1	74	21.75	21.62	21.65		
15	16QAM	36	0	20.91	21.30	21.22	22.5	0.5
15	16QAM	36	20	21.27	21.18	21.22		
15	16QAM	36	39	21.30	21.12	21.24		
15	16QAM	75	0	20.96	21.11	21.24		
15	64QAM	1	0	21.15	21.02	21.06	22.5	0.5
15	64QAM	1	37	21.20	21.29	21.23		
15	64QAM	1	74	21.21	21.14	21.15		
15	64QAM	36	0	20.17	19.97	20.24	21.5	1.5
15	64QAM	36	20	19.98	20.21	20.08		
15	64QAM	36	39	20.33	20.10	20.12		
15	64QAM	75	0	20.11	20.29	20.05		
15	256QAM	1	0	18.53	18.27	18.18	19.5	3.5
15	256QAM	1	37	18.56	18.36	18.26		
15	256QAM	1	74	18.32	18.19	18.34		
15	256QAM	36	0	18.43	18.25	18.15	19.5	3.5
15	256QAM	36	20	18.50	18.38	18.35		
15	256QAM	36	39	18.46	18.25	18.56		
15	256QAM	75	0	18.49	18.22	18.52		
Channel				37500	38000	38500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.90	21.91	21.89	23	0
10	QPSK	1	25	21.86	21.63	21.70		
10	QPSK	1	49	21.82	21.72	21.55		
10	QPSK	25	0	21.73	21.83	21.75	23	0
10	QPSK	25	12	21.66	21.69	21.61		
10	QPSK	25	25	21.71	21.63	21.60		
10	QPSK	50	0	21.63	21.75	21.70		
10	16QAM	1	0	21.52	21.73	21.54	23	0
10	16QAM	1	25	21.63	21.59	21.66		
10	16QAM	1	49	21.81	21.62	21.70		
10	16QAM	25	0	20.91	21.19	21.13	22.5	0.5
10	16QAM	25	12	21.15	21.20	21.12		
10	16QAM	25	25	21.21	21.10	21.07		
10	16QAM	50	0	20.94	20.99	21.25		
10	64QAM	1	0	21.14	20.99	21.10	22.5	0.5
10	64QAM	1	25	21.29	21.16	21.22		
10	64QAM	1	49	21.15	21.19	21.14		
10	64QAM	25	0	20.14	20.10	20.06	21.5	1.5
10	64QAM	25	12	20.01	20.19	20.01		
10	64QAM	25	25	20.28	20.07	20.08		
10	64QAM	50	0	19.97	20.21	20.17		
10	256QAM	1	0	18.55	18.29	18.25	19.5	3.5
10	256QAM	1	25	18.54	18.43	18.22		
10	256QAM	1	49	18.41	18.17	18.24		
10	256QAM	25	0	18.40	18.29	18.33	19.5	3.5
10	256QAM	25	12	18.35	18.41	18.32		
10	256QAM	25	25	18.43	18.32	18.41		
10	256QAM	50	0	18.52	18.36	18.33		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	21.90	21.87	21.89	23	0
5	QPSK	1	12	21.75	21.71	21.72		
5	QPSK	1	24	21.80	21.83	21.68		
5	QPSK	12	0	21.63	21.71	21.80	23	0
5	QPSK	12	7	21.61	21.85	21.67		
5	QPSK	12	13	21.75	21.73	21.60		
5	QPSK	25	0	21.69	21.66	21.75		
5	16QAM	1	0	21.58	21.71	21.62	23	0
5	16QAM	1	12	21.68	21.55	21.61		
5	16QAM	1	24	21.71	21.67	21.72		
5	16QAM	12	0	20.95	21.25	21.17	22.5	0.5
5	16QAM	12	7	21.30	21.08	21.20		
5	16QAM	12	13	21.28	21.08	21.15		
5	16QAM	25	0	21.07	21.00	21.16		
5	64QAM	1	0	21.05	21.12	21.20	22.5	0.5
5	64QAM	1	12	21.28	21.10	21.16		
5	64QAM	1	24	21.11	21.12	21.14		
5	64QAM	12	0	20.12	20.01	20.19	21.5	1.5
5	64QAM	12	7	20.02	20.10	20.13		
5	64QAM	12	13	20.19	20.04	19.96		
5	64QAM	25	0	20.10	20.16	20.01		
5	256QAM	1	0	18.41	18.20	18.33	19.5	3.5
5	256QAM	1	12	18.56	18.43	18.18		
5	256QAM	1	24	18.30	18.32	18.37		
5	256QAM	12	0	18.42	18.27	18.30	19.5	3.5
5	256QAM	12	7	18.41	18.39	18.40		
5	256QAM	12	13	18.42	18.26	18.42		
5	256QAM	25	0	18.42	18.22	18.44		

Band 41 Ant2 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	21.76	21.86	21.89	21.82	21.80	23	0
20	QPSK	1	49	21.72	21.63	21.76	21.77	21.66		
20	QPSK	1	99	21.83	21.86	21.73	21.60	21.73		
20	QPSK	50	0	21.77	21.76	21.86	21.79	21.70	23	0
20	QPSK	50	24	21.79	21.66	21.78	21.65	21.70		
20	QPSK	50	50	21.73	21.74	21.70	21.73	21.75		
20	QPSK	100	0	21.66	21.66	21.79	21.69	21.68		
20	16QAM	1	0	21.67	21.81	21.67	21.59	21.68	23	0
20	16QAM	1	49	21.51	21.64	21.52	21.56	21.59		
20	16QAM	1	99	21.70	21.70	21.57	21.64	21.59		
20	16QAM	50	0	20.89	21.18	21.13	21.05	21.22	22.5	0.5
20	16QAM	50	24	21.15	21.06	21.25	21.22	21.14		
20	16QAM	50	50	21.17	21.08	21.22	21.19	21.15		
20	16QAM	100	0	21.08	21.03	21.16	21.20	21.19		
20	64QAM	1	0	21.12	21.06	21.22	21.15	21.20	22.5	0.5
20	64QAM	1	49	21.27	21.12	21.30	21.29	21.16		
20	64QAM	1	99	21.24	21.20	21.03	21.05	21.06		
20	64QAM	50	0	20.28	20.07	20.21	20.18	20.12	21.5	1.5
20	64QAM	50	24	20.00	20.13	19.97	20.07	20.07		
20	64QAM	50	50	20.15	20.10	20.12	20.09	20.12		
20	64QAM	100	0	20.15	20.16	20.03	19.99	20.00		
20	256QAM	1	0	18.47	18.34	18.22	18.14	18.14	19.5	3.5
20	256QAM	1	49	18.46	18.42	18.18	18.19	18.26		
20	256QAM	1	99	18.32	18.29	18.31	18.31	18.32		
20	256QAM	50	0	18.46	18.14	18.17	18.27	18.28	19.5	3.5
20	256QAM	50	24	18.35	18.45	18.46	18.33	18.34		
20	256QAM	50	50	18.40	18.41	18.52	18.40	18.54		
20	256QAM	100	0	18.46	18.34	18.52	18.46	18.49		
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	21.65	21.81	21.76	21.75	21.78	23	0
15	QPSK	1	37	21.74	21.68	21.62	21.59	21.59		
15	QPSK	1	74	21.66	21.71	21.52	21.51	21.64		
15	QPSK	36	0	21.68	21.77	21.72	21.68	21.61	23	0
15	QPSK	36	20	21.60	21.83	21.66	21.57	21.62		
15	QPSK	36	39	21.63	21.66	21.71	21.73	21.54		
15	QPSK	75	0	21.60	21.78	21.68	21.56	21.69		
15	16QAM	1	0	21.50	21.77	21.60	21.62	21.47	23	0
15	16QAM	1	37	21.54	21.54	21.60	21.63	21.50		
15	16QAM	1	74	21.61	21.62	21.62	21.67	21.51		
15	16QAM	36	0	20.83	21.25	20.99	21.16	21.00	22.5	0.5
15	16QAM	36	20	21.21	21.18	21.08	21.14	21.16		
15	16QAM	36	39	21.25	21.06	21.19	21.07	21.04		
15	16QAM	75	0	20.97	21.03	21.23	21.21	21.10		
15	64QAM	1	0	21.03	21.01	21.01	21.15	21.17	22.5	0.5
15	64QAM	1	37	21.11	21.09	21.09	21.20	21.16		
15	64QAM	1	74	21.12	21.03	21.10	21.02	21.16		
15	64QAM	36	0	20.10	19.94	20.12	20.20	20.16	21.5	1.5
15	64QAM	36	20	20.07	20.09	20.07	20.03	20.00		
15	64QAM	36	39	20.28	20.14	20.02	19.94	20.02		
15	64QAM	75	0	19.95	20.15	19.98	20.13	19.97		
15	256QAM	1	0	18.39	18.21	18.20	18.25	18.17	19.5	3.5
15	256QAM	1	37	18.41	18.40	18.12	18.25	18.23		
15	256QAM	1	74	18.30	18.15	18.27	18.19	18.26		
15	256QAM	36	0	18.32	18.20	18.26	18.22	18.17	19.5	3.5
15	256QAM	36	20	18.32	18.36	18.42	18.41	18.34		
15	256QAM	36	39	18.39	18.35	18.44	18.36	18.40		
15	256QAM	75	0	18.37	18.18	18.41	18.48	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	21.68	21.72	21.73	21.70	21.76	23	0
10	QPSK	1	25	21.80	21.58	21.71	21.62	21.62		
10	QPSK	1	49	21.64	21.79	21.55	21.61	21.65		
10	QPSK	25	0	21.73	21.74	21.58	21.61	21.70	23	0
10	QPSK	25	12	21.62	21.73	21.59	21.61	21.73		
10	QPSK	25	25	21.72	21.61	21.65	21.69	21.69		
10	QPSK	50	0	21.71	21.63	21.73	21.53	21.54		
10	16QAM	1	0	21.50	21.76	21.49	21.57	21.65	23	0
10	16QAM	1	25	21.48	21.60	21.47	21.50	21.64		
10	16QAM	1	49	21.71	21.64	21.68	21.65	21.52		
10	16QAM	25	0	20.97	21.30	21.12	21.03	21.14	22.5	0.5
10	16QAM	25	12	21.12	21.02	21.15	21.24	21.11		
10	16QAM	25	25	21.11	21.05	21.17	21.04	21.06		
10	16QAM	50	0	20.90	20.92	21.25	21.13	21.12		
10	64QAM	1	0	21.12	20.94	21.11	21.17	21.08	22.5	0.5
10	64QAM	1	25	21.21	21.10	21.15	21.20	21.13		
10	64QAM	1	49	21.15	21.04	21.03	21.00	21.08		
10	64QAM	25	0	20.11	19.95	20.12	20.19	20.20	21.5	1.5
10	64QAM	25	12	19.98	20.19	20.02	20.08	19.99		
10	64QAM	25	25	20.15	20.07	19.89	19.92	20.02		
10	64QAM	50	0	20.11	20.27	19.96	20.08	20.11		
10	256QAM	1	0	18.35	18.15	18.19	18.10	18.19	19.5	3.5
10	256QAM	1	25	18.34	18.36	18.11	18.16	18.08		
10	256QAM	1	49	18.30	18.28	18.27	18.32	18.23		
10	256QAM	25	0	18.28	18.11	18.11	18.28	18.16	19.5	3.5
10	256QAM	25	12	18.47	18.34	18.41	18.44	18.41		
10	256QAM	25	25	18.28	18.21	18.45	18.53	18.46		
10	256QAM	50	0	18.40	18.22	18.44	18.31	18.37		
Channel				39775	40148	40520	41093	41665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.82	21.82	21.84	21.79	21.85	23	0
5	QPSK	1	12	21.84	21.69	21.64	21.58	21.66		
5	QPSK	1	24	21.80	21.84	21.60	21.53	21.65		
5	QPSK	12	0	21.68	21.75	21.65	21.60	21.71	23	0
5	QPSK	12	7	21.64	21.66	21.62	21.63	21.55		
5	QPSK	12	13	21.66	21.59	21.72	21.59	21.55		
5	QPSK	25	0	21.68	21.73	21.62	21.66	21.71		
5	16QAM	1	0	21.46	21.68	21.60	21.57	21.56	23	0
5	16QAM	1	12	21.54	21.56	21.65	21.47	21.62		
5	16QAM	1	24	21.67	21.68	21.59	21.58	21.53		
5	16QAM	12	0	20.81	21.15	21.12	21.17	21.13	22.5	0.5
5	16QAM	12	7	21.24	21.07	21.14	21.26	21.17		
5	16QAM	12	13	21.14	21.15	21.21	21.04	21.21		
5	16QAM	25	0	20.95	20.96	21.17	21.16	21.12		
5	64QAM	1	0	21.02	20.88	20.99	21.13	21.11	22.5	0.5
5	64QAM	1	12	21.12	21.24	21.16	21.16	21.13		
5	64QAM	1	24	21.23	21.05	20.99	21.16	21.07		
5	64QAM	12	0	20.22	20.03	20.17	20.13	20.04	21.5	1.5
5	64QAM	12	7	20.08	20.08	20.05	20.04	20.06		
5	64QAM	12	13	20.11	20.10	20.06	19.91	19.91		
5	64QAM	25	0	20.00	20.13	20.10	20.07	20.06		
5	256QAM	1	0	18.40	18.13	18.17	18.18	18.24	19.5	3.5
5	256QAM	1	12	18.41	18.32	18.23	18.12	18.16		
5	256QAM	1	24	18.23	18.28	18.31	18.21	18.20		
5	256QAM	12	0	18.26	18.07	18.11	18.19	18.26	19.5	3.5
5	256QAM	12	7	18.45	18.38	18.34	18.27	18.45		
5	256QAM	12	13	18.28	18.19	18.39	18.52	18.42		
5	256QAM	25	0	18.46	18.17	18.42	18.42	18.45		

Band 41 HPUE Ant2 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	23.14	23.25	23.38	23.31	23.34	24	0
20	QPSK	1	49	23.09	23.13	23.28	23.13	23.26		
20	QPSK	1	99	23.13	23.22	23.20	23.28	23.22		
20	QPSK	50	0	23.09	23.17	23.35	23.23	23.31	24	0
20	QPSK	50	24	23.11	23.08	23.26	23.27	23.20		
20	QPSK	50	50	23.03	23.07	23.21	23.28	23.29		
20	QPSK	100	0	23.02	23.13	23.31	23.19	23.25		
20	16QAM	1	0	22.96	23.23	23.36	23.20	23.15	24	0
20	16QAM	1	49	23.01	23.22	23.24	23.12	23.14		
20	16QAM	1	99	23.09	23.18	23.20	23.16	23.17		
20	16QAM	50	0	22.95	23.22	23.31	23.18	23.27	24	0
20	16QAM	50	24	23.05	23.07	23.25	23.19	23.24		
20	16QAM	50	50	23.02	23.16	23.23	23.30	23.25		
20	16QAM	100	0	23.12	23.15	23.28	23.18	23.17		
20	64QAM	1	0	22.98	23.23	23.31	23.14	23.25	24	0
20	64QAM	1	49	23.05	23.05	23.28	23.29	23.30		
20	64QAM	1	99	22.95	23.24	23.29	23.30	23.18		
20	64QAM	50	0	23.00	23.15	23.33	23.15	23.27	24	0
20	64QAM	50	24	23.01	23.09	23.20	23.30	23.25		
20	64QAM	50	50	23.10	23.18	23.30	23.28	23.19		
20	64QAM	100	0	23.12	23.09	23.24	23.27	23.20		
20	256QAM	1	0	21.31	21.36	21.45	21.41	21.38	22	2
20	256QAM	1	49	21.34	21.47	21.48	21.43	21.48		
20	256QAM	1	99	21.36	21.32	21.41	21.39	21.35		
20	256QAM	50	0	21.32	21.41	21.33	21.48	21.36	22	2
20	256QAM	50	24	21.41	21.45	21.30	21.39	21.33		
20	256QAM	50	50	21.32	21.47	21.41	21.36	21.30		
20	256QAM	100	0	21.38	21.35	21.47	21.44	21.32		
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	23.02	23.06	23.29	23.18	23.20	24	0
15	QPSK	1	37	23.02	23.07	23.19	22.96	23.19		
15	QPSK	1	74	23.05	23.20	23.11	23.12	23.14		
15	QPSK	36	0	22.90	23.09	23.33	23.09	23.16	24	0
15	QPSK	36	20	22.94	23.01	23.20	23.18	23.15		
15	QPSK	36	39	22.84	22.92	23.05	23.13	23.27		
15	QPSK	75	0	22.87	23.04	23.30	23.03	23.22		
15	16QAM	1	0	22.90	23.07	23.29	23.19	23.11	24	0
15	16QAM	1	37	22.86	23.02	23.09	22.93	23.11		
15	16QAM	1	74	23.00	23.10	23.10	23.05	23.10		
15	16QAM	36	0	22.86	23.20	23.26	23.09	23.14	24	0
15	16QAM	36	20	22.96	23.03	23.17	23.11	23.08		
15	16QAM	36	39	22.95	23.15	23.10	23.16	23.08		
15	16QAM	75	0	22.96	23.00	23.16	23.13	23.00		
15	64QAM	1	0	22.96	23.07	23.14	23.11	23.12	24	0
15	64QAM	1	37	23.02	23.03	23.23	23.26	23.10		
15	64QAM	1	74	22.88	23.15	23.18	23.22	23.13		
15	64QAM	36	0	22.90	23.02	23.27	22.96	23.18	24	0
15	64QAM	36	20	22.91	22.91	23.12	23.24	23.14		
15	64QAM	36	39	23.04	23.02	23.17	23.11	23.11		
15	64QAM	75	0	23.01	22.95	23.05	23.19	23.12		
15	256QAM	1	0	21.17	21.17	21.42	21.28	21.24	22	2
15	256QAM	1	37	21.28	21.36	21.40	21.33	21.35		
15	256QAM	1	74	21.28	21.18	21.34	21.28	21.18		
15	256QAM	36	0	21.27	21.36	21.27	21.48	21.17	22	2
15	256QAM	36	20	21.40	21.27	21.11	21.34	21.25		
15	256QAM	36	39	21.28	21.28	21.23	21.22	21.19		
15	256QAM	75	0	21.29	21.23	21.38	21.32	21.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.95	23.13	23.33	23.12	23.19	24	0
10	QPSK	1	25	22.90	23.04	23.16	23.04	23.22		
10	QPSK	1	49	23.01	23.06	23.10	23.17	23.06		
10	QPSK	25	0	23.03	23.15	23.18	23.15	23.13	24	0
10	QPSK	25	12	23.00	23.08	23.25	23.18	23.12		
10	QPSK	25	25	22.97	23.05	23.12	23.22	23.27		
10	QPSK	50	0	22.90	23.01	23.26	23.02	23.21		
10	16QAM	1	0	22.88	23.21	23.20	23.00	23.07	24	0
10	16QAM	1	25	22.93	23.11	23.12	22.97	22.99		
10	16QAM	1	49	23.03	23.07	23.16	23.00	23.14		
10	16QAM	25	0	22.77	23.20	22.97	23.00	22.97	24	0
10	16QAM	25	12	22.93	22.97	23.11	22.99	23.22		
10	16QAM	25	25	22.87	23.00	23.21	23.15	23.15		
10	16QAM	50	0	23.05	23.11	23.27	23.09	23.02		
10	64QAM	1	0	22.82	23.22	23.14	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.26	22.34	22.20	24	0
20	QPSK	1	49	22.22	22.26	22.16		
20	QPSK	1	99	22.07	22.21	22.13		
20	QPSK	50	0	21.33	21.36	21.27	23	1
20	QPSK	50	24	21.27	21.30	21.21		
20	QPSK	50	50	21.20	21.25	21.19		
20	QPSK	100	0	21.19	21.31	21.27		
20	16QAM	1	0	21.13	21.23	21.19	23	1
20	16QAM	1	49	21.12	21.17	21.06		
20	16QAM	1	99	21.00	21.13	21.02		
20	16QAM	50	0	20.27	20.39	20.26	22	2
20	16QAM	50	24	20.22	20.31	20.19		
20	16QAM	50	50	20.27	20.35	20.22		
20	16QAM	100	0	20.25	20.29	20.22		
20	64QAM	1	0	20.19	20.27	20.15	22	2
20	64QAM	1	49	20.11	20.21	20.08		
20	64QAM	1	99	20.10	20.17	20.14		
20	64QAM	50	0	19.38	19.42	19.32	21	3
20	64QAM	50	24	19.26	19.33	19.28		
20	64QAM	50	50	19.23	19.38	19.24		
20	64QAM	100	0	19.18	19.30	19.18		
20	256QAM	1	0	15.34	15.44	15.30	19	5
20	256QAM	1	49	18.80	18.95	18.83		
20	256QAM	1	99	14.42	14.55	14.43		
20	256QAM	50	0	18.74	18.83	18.72	19	5
20	256QAM	50	24	18.82	18.88	18.74		
20	256QAM	50	50	18.77	18.81	18.75		
20	256QAM	100	0	18.62	18.69	18.63		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.27	22.32	22.14	24	0
15	QPSK	1	37	22.16	22.20	22.07		
15	QPSK	1	74	22.02	22.20	22.07		
15	QPSK	36	0	21.27	21.37	21.24	23	1
15	QPSK	36	20	21.18	21.20	21.21		
15	QPSK	36	39	21.12	21.15	21.18		
15	QPSK	75	0	21.14	21.28	21.22		
15	16QAM	1	0	21.09	21.24	21.19	23	1
15	16QAM	1	37	21.08	21.13	21.02		
15	16QAM	1	74	21.02	21.10	21.06		
15	16QAM	36	0	20.25	20.38	20.16	22	2
15	16QAM	36	20	20.21	20.32	20.10		
15	16QAM	36	39	20.23	20.27	20.18		
15	16QAM	75	0	20.16	20.28	20.19		
15	64QAM	1	0	20.21	20.27	20.13	22	2
15	64QAM	1	37	20.13	20.15	20.02		
15	64QAM	1	74	20.08	20.11	20.07		
15	64QAM	36	0	19.39	19.42	19.29	21	3
15	64QAM	36	20	19.17	19.25	19.24		
15	64QAM	36	39	19.22	19.39	19.16		
15	64QAM	75	0	19.14	19.25	19.17		
15	256QAM	1	0	15.35	15.44	15.30	19	5
15	256QAM	1	37	18.73	18.93	18.77		
15	256QAM	1	74	14.33	14.48	14.43		
15	256QAM	36	0	18.68	18.84	18.72	19	5
15	256QAM	36	20	18.77	18.84	18.67		
15	256QAM	36	39	18.74	18.79	18.67		
15	256QAM	75	0	18.57	18.68	18.62		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.22	22.30	22.16	24	0
10	QPSK	1	25	22.19	22.25	22.14		
10	QPSK	1	49	22.04	22.14	22.07		
10	QPSK	25	0	21.30	21.32	21.23	23	1
10	QPSK	25	12	21.26	21.26	21.13		
10	QPSK	25	25	21.12	21.22	21.09		
10	QPSK	50	0	21.14	21.32	21.28		
10	16QAM	1	0	21.10	21.18	21.16	23	1
10	16QAM	1	25	21.12	21.16	21.02		
10	16QAM	1	49	21.04	21.09	21.05		
10	16QAM	25	0	20.27	20.32	20.24	22	2
10	16QAM	25	12	20.20	20.25	20.11		
10	16QAM	25	25	20.24	20.36	20.13		
10	16QAM	50	0	20.24	20.30	20.14		
10	64QAM	1	0	20.21	20.23	20.13	22	2
10	64QAM	1	25	20.13	20.14	20.06		
10	64QAM	1	49	20.10	20.15	20.13		
10	64QAM	25	0	19.36	19.43	19.22	21	3
10	64QAM	25	12	19.22	19.31	19.25		
10	64QAM	25	25	19.16	19.39	19.15		
10	64QAM	50	0	19.13	19.23	19.20		
10	256QAM	1	0	15.24	15.36	15.27	19	5
10	256QAM	1	25	18.82	18.86	18.76		
10	256QAM	1	49	14.43	14.57	14.34		
10	256QAM	25	0	18.66	18.74	18.64	19	5
10	256QAM	25	12	18.79	18.85	18.67		
10	256QAM	25	25	18.77	18.80	18.75		
10	256QAM	50	0	18.53	18.70	18.54		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.17	22.29	22.11	24	0
5	QPSK	1	12	22.23	22.17	22.08		
5	QPSK	1	24	22.06	22.18	22.14		
5	QPSK	12	0	21.35	21.36	21.18	23	1
5	QPSK	12	7	21.20	21.32	21.21		
5	QPSK	12	13	21.14	21.17	21.16		
5	QPSK	25	0	21.09	21.24	21.23		
5	16QAM	1	0	21.06	21.22	21.19	23	1
5	16QAM	1	12	21.09	21.14	21.02		
5	16QAM	1	24	21.03	21.13	21.11		
5	16QAM	12	0	20.29	20.30	20.17	22	2
5	16QAM	12	7	20.23	20.23	20.15		
5	16QAM	12	13	20.20	20.32	20.23		
5	16QAM	25	0	20.18	20.21	20.13		
5	64QAM	1	0	20.19	20.26	20.06	22	2
5	64QAM	1	12	20.12	20.17	20.05		
5	64QAM	1	24	20.10	20.14	20.16		
5	64QAM	12	0	19.34	19.35	19.32	21	3
5	64QAM	12	7	19.25	19.29	19.25		
5	64QAM	12	13	19.17	19.29	19.17		
5	64QAM	25	0	19.15	19.25	19.10		
5	256QAM	1	0	15.30	15.41	15.22	19	5
5	256QAM	1	12	18.79	18.91	18.83		
5	256QAM	1	24	14.38	14.46	14.44		
5	256QAM	12	0	18.65	18.74	18.73	19	5
5	256QAM	12	7	18.76	18.78	18.65		
5	256QAM	12	13	18.69	18.74	18.76		
5	256QAM	25	0	18.56	18.62	18.60		

Band 43_FCC Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.79	21.82	21.71	23	0
20	QPSK	1	49	21.71	21.74	21.65		
20	QPSK	1	99	21.65	21.69	21.59		
20	QPSK	50	0	20.78	20.93	20.85	22	1
20	QPSK	50	24	20.83	20.87	20.77		
20	QPSK	50	50	20.73	20.82	20.78		
20	QPSK	100	0	20.79	20.85	20.78		
20	16QAM	1	0	20.59	20.69	20.54	22	1
20	16QAM	1	49	20.56	20.63	20.50		
20	16QAM	1	99	20.52	20.59	20.54		
20	16QAM	50	0	19.64	19.76	19.61	21	2
20	16QAM	50	24	19.59	19.68	19.54		
20	16QAM	50	50	19.58	19.72	19.66		
20	16QAM	100	0	19.55	19.66	19.51		
20	64QAM	1	0	19.60	19.69	19.56	21	2
20	64QAM	1	49	19.49	19.63	19.51		
20	64QAM	1	99	19.48	19.59	19.49		
20	64QAM	50	0	18.62	18.73	18.63	20	3
20	64QAM	50	24	18.58	18.64	18.57		
20	64QAM	50	50	18.58	18.69	18.55		
20	64QAM	100	0	18.48	18.61	18.57		
20	256QAM	1	0	17.22	17.37	17.26	18	5
20	256QAM	1	49	17.24	17.34	17.30		
20	256QAM	1	99	17.16	17.29	17.15		
20	256QAM	50	0	17.25	17.32	17.22	18	5
20	256QAM	50	24	17.07	17.22	17.19		
20	256QAM	50	50	17.19	17.28	17.18		
20	256QAM	100	0	17.21	17.25	17.14		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.70	21.76	21.64	23	0
15	QPSK	1	37	21.61	21.67	21.52		
15	QPSK	1	74	21.57	21.61	21.51		
15	QPSK	36	0	20.66	20.88	20.77	22	1
15	QPSK	36	20	20.69	20.81	20.68		
15	QPSK	36	39	20.59	20.72	20.70		
15	QPSK	75	0	20.65	20.79	20.65		
15	16QAM	1	0	20.47	20.60	20.42	22	1
15	16QAM	1	37	20.46	20.54	20.36		
15	16QAM	1	74	20.48	20.49	20.47		
15	16QAM	36	0	19.59	19.66	19.46	21	2
15	16QAM	36	20	19.49	19.57	19.41		
15	16QAM	36	39	19.55	19.64	19.54		
15	16QAM	75	0	19.42	19.54	19.37		
15	64QAM	1	0	19.52	19.61	19.51	21	2
15	64QAM	1	37	19.38	19.50	19.38		
15	64QAM	1	74	19.36	19.52	19.45		
15	64QAM	36	0	18.50	18.67	18.58	20	3
15	64QAM	36	20	18.44	18.58	18.51		
15	64QAM	36	39	18.43	18.62	18.41		
15	64QAM	75	0	18.36	18.49	18.45		
15	256QAM	1	0	17.09	17.24	17.13	18	5
15	256QAM	1	37	17.16	17.30	17.27		
15	256QAM	1	74	17.06	17.19	17.08		
15	256QAM	36	0	17.11	17.22	17.12	18	5
15	256QAM	36	20	17.00	17.10	17.15		
15	256QAM	36	39	17.05	17.13	17.09		
15	256QAM	75	0	17.09	17.15	17.00		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.72	21.75	21.63	23	0
10	QPSK	1	25	21.61	21.67	21.52		
10	QPSK	1	49	21.62	21.62	21.48		
10	QPSK	25	0	20.68	20.89	20.80	22	1
10	QPSK	25	12	20.76	20.77	20.73		
10	QPSK	25	25	20.68	20.73	20.72		
10	QPSK	50	0	20.73	20.82	20.71		
10	16QAM	1	0	20.46	20.62	20.43	22	1
10	16QAM	1	25	20.50	20.50	20.39		
10	16QAM	1	49	20.41	20.48	20.50		
10	16QAM	25	0	19.56	19.62	19.52	21	2
10	16QAM	25	12	19.54	19.63	19.44		
10	16QAM	25	25	19.51	19.66	19.59		
10	16QAM	50	0	19.48	19.59	19.40		
10	64QAM	1	0	19.52	19.62	19.45	21	2
10	64QAM	1	25	19.41	19.58	19.42		
10	64QAM	1	49	19.34	19.55	19.39		
10	64QAM	25	0	18.57	18.59	18.52	20	3
10	64QAM	25	12	18.44	18.50	18.52		
10	64QAM	25	25	18.49	18.55	18.47		
10	64QAM	50	0	18.35	18.47	18.49		
10	256QAM	1	0	17.13	17.26	17.12	18	5
10	256QAM	1	25	17.21	17.21	17.17		
10	256QAM	1	49	17.07	17.26	17.04		
10	256QAM	25	0	17.17	17.25	17.14	18	5
10	256QAM	25	12	17.01	17.16	17.04		
10	256QAM	25	25	17.11	17.13	17.07		
10	256QAM	50	0	17.09	17.18	17.03		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.69	21.79	21.59	23	0
5	QPSK	1	12	21.63	21.70	21.57		
5	QPSK	1	24	21.57	21.64	21.56		
5	QPSK	12	0	20.70	20.80	20.74	22	1
5	QPSK	12	7	20.73	20.83	20.64		
5	QPSK	12	13	20.63	20.79	20.66		
5	QPSK	25	0	20.67	20.71	20.64		
5	16QAM	1	0	20.47	20.64	20.43	22	1
5	16QAM	1	12	20.51	20.58	20.42		
5	16QAM	1	24	20.46	20.46	20.39		
5	16QAM	12	0	19.56	19.71	19.49	21	2
5	16QAM	12	7	19.45	19.64	19.49		
5	16QAM	12	13	19.48	19.59	19.54		
5	16QAM	25	0	19.42	19.59	19.47		
5	64QAM	1	0	19.56	19.57	19.42	21	2
5	64QAM	1	12	19.40	19.53	19.45		
5	64QAM	1	24	19.40	19.45	19.36		
5	64QAM	12	0	18.49	18.59	18.48	20	3
5	64QAM	12	7	18.52	18.60	18.45		
5	64QAM	12	13	18.50	18.60	18.47		
5	64QAM	25	0	18.38	18.53	18.54		
5	256QAM	1	0	17.15	17.23	17.22	18	5
5	256QAM	1	12	17.18	17.27	17.24		
5	256QAM	1	24	17.09	17.23	17.11		
5	256QAM	12	0	17.18	17.23	17.08	18	5
5	256QAM	12	7	17.04	17.18	17.13		
5	256QAM	12	13	17.13	17.17	17.06		
5	256QAM	25	0	17.17	17.22	17.04		

Band 48_FCC Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.05	20.02	19.70	19.67	23	0
20	QPSK	1	49	21.99	22.06	21.92	21.63		
20	QPSK	1	99	21.94	20.66	19.61	19.23		
20	QPSK	50	0	21.06	21.13	21.02	20.74	22	1
20	QPSK	50	24	21.02	21.10	21.00	20.69		
20	QPSK	50	50	20.98	21.06	20.94	20.62		
20	QPSK	100	0	20.93	21.14	20.97	20.68		
20	16QAM	1	0	20.87	19.11	19.03	19.00	22	1
20	16QAM	1	49	20.85	21.11	21.03	21.04		
20	16QAM	1	99	19.52	18.91	18.79	18.78		
20	16QAM	50	0	20.10	20.18	20.14	20.13	21	2
20	16QAM	50	24	20.06	20.14	20.09	20.11		
20	16QAM	50	50	20.01	20.07	19.98	19.98		
20	16QAM	100	0	20.08	20.13	20.05	20.01		
20	64QAM	1	0	18.62	18.19	18.15	18.10	21	2
20	64QAM	1	49	20.05	20.05	19.98	19.97		
20	64QAM	1	99	18.48	17.93	17.87	17.79		
20	64QAM	50	0	19.10	17.14	17.03	17.04	20	3
20	64QAM	50	24	19.03	19.15	19.11	19.11		
20	64QAM	50	50	19.07	19.10	19.02	18.99		
20	64QAM	100	0	18.98	19.20	19.11	19.15		
20	256QAM	1	0	15.47	15.07	14.98	15.00	18	5
20	256QAM	1	49	18.38	17.99	17.93	17.96		
20	256QAM	1	99	15.42	14.88	14.75	14.83		
20	256QAM	50	0	18.10	18.03	17.90	17.93	18	5
20	256QAM	50	24	18.05	18.01	17.94	17.96		
20	256QAM	50	50	17.98	18.25	18.21	18.14		
20	256QAM	100	0	18.08	18.08	17.99	18.01		
Channel				55315	55820	56140	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.97	19.90	19.55	19.59	23	0
15	QPSK	1	37	21.92	21.93	21.88	21.60		
15	QPSK	1	74	21.82	20.60	19.52	19.08		
15	QPSK	36	0	20.92	21.06	20.91	20.69	22	1
15	QPSK	36	20	20.94	20.97	20.90	20.60		
15	QPSK	36	39	20.89	20.95	20.84	20.58		
15	QPSK	75	0	20.82	21.07	20.91	20.57		
15	16QAM	1	0	20.80	18.99	18.91	18.91	22	1
15	16QAM	1	37	20.79	21.02	20.97	21.00		
15	16QAM	1	74	19.46	18.81	18.68	18.71		
15	16QAM	36	0	20.03	20.11	20.07	19.98	21	2
15	16QAM	36	20	19.93	20.04	19.98	19.99		
15	16QAM	36	39	19.92	19.97	19.92	19.90		
15	16QAM	75	0	19.95	20.05	19.98	19.88		
15	64QAM	1	0	18.51	18.10	18.07	18.06	21	2
15	64QAM	1	37	20.00	20.01	19.90	19.84		
15	64QAM	1	74	18.36	17.89	17.79	17.71		
15	64QAM	36	0	18.99	17.02	16.97	16.91	20	3
15	64QAM	36	20	18.89	19.05	18.98	19.03		
15	64QAM	36	39	19.02	19.02	18.93	18.84		
15	64QAM	75	0	18.87	19.15	19.02	19.06		
15	256QAM	1	0	15.41	14.98	14.90	14.95	18	5
15	256QAM	1	37	18.32	17.95	17.82	17.87		
15	256QAM	1	74	15.32	14.80	14.67	14.74		
15	256QAM	36	0	18.02	17.93	17.79	17.83	18	5
15	256QAM	36	20	17.93	17.92	17.84	17.82		
15	256QAM	36	39	17.93	18.15	18.08	18.02		
15	256QAM	75	0	17.99	17.94	17.93	17.90		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.01	19.93	19.57	19.61	23	0
10	QPSK	1	25	21.88	21.97	21.88	21.53		
10	QPSK	1	49	21.82	20.60	19.47	19.13		
10	QPSK	25	0	20.93	21.09	20.90	20.64	22	1
10	QPSK	25	12	20.89	20.97	20.88	20.59		
10	QPSK	25	25	20.91	21.03	20.82	20.55		
10	QPSK	50	0	20.84	21.04	20.85	20.62		
10	16QAM	1	0	20.83	19.04	18.96	18.86	22	1
10	16QAM	1	25	20.78	21.04	20.92	20.97		
10	16QAM	1	49	19.40	18.88	18.67	18.68		
10	16QAM	25	0	20.05	20.06	20.08	20.02	21	2
10	16QAM	25	12	19.96	19.99	19.96	20.08		
10	16QAM	25	25	19.96	20.02	19.83	19.87		
10	16QAM	50	0	19.98	19.98	20.04	19.89		
10	64QAM	1	0	18.96	18.11	18.10	18.06	21	2
10	64QAM	1	25	19.94	19.98	19.88	19.89		
10	64QAM	1	49	18.42	17.83	17.82	17.68		
10	64QAM	25	0	19.00	17.04	16.91	16.96	20	3
10	64QAM	25	12	18.94	19.09	19.08	19.07		
10	64QAM	25	25	19.03	19.03	18.95	18.85		
10	64QAM	50	0	18.86	19.07	19.01	19.09		
10	256QAM	1	0	15.33	15.02	14.91	14.89	18	5
10	256QAM	1	25	18.33	17.90	17.81	17.85		
10	256QAM	1	49	15.28	14.80	14.71	14.72		
10	256QAM	25	0	18.02	17.92	17.80	17.85	18	5
10	256QAM	25	12	17.91	17.94	17.82	17.89		
10	256QAM	25	25	17.84	18.19	18.08	18.05		
10	256QAM	50	0	17.94	18.05	17.88	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	21.92	19.95	19.62	19.52	23	0
5	QPSK	1	12	21.93	21.99	21.86	21.52		
5	QPSK	1	24	21.80	20.54	19.49	19.13		
5	QPSK	12	0	21.00	21.05	20.94	20.63	22	1
5	QPSK	12	7	20.94	20.97	20.87	20.58		
5	QPSK	12	13	20.85	21.03	20.91	20.48		
5	QPSK	25	0	20.83	21.05	20.86	20.61		
5	16QAM	1	0	20.79	19.00	18.91	18.91	22	1
5	16QAM	1	12	20.75	21.02	20.97	20.96		
5	16QAM	1	24	19.45	18.80	18.71	18.66		
5	16QAM	12	0	20.05	20.05	20.09	20.10	21	2
5	16QAM	12	7	19.95	20.08	19.95	19.97		
5	16QAM	12	13	19.91	20.01	19.83	19.91		
5	64QAM	25	0	20.02	19.99	19.95	19.87		
5	64QAM	1	0	18.89	18.11	18.02	18.04	21	2
5	64QAM	1	12	19.93	19.98	19.87	19.92		
5	64QAM	1	24	18.36	17.79	17.82	17.73		
5	64QAM	12	0	18.98	17.08	16.92	17.01	20	3
5	64QAM	12	7	18.90	19.11	18.98	19.01		
5	64QAM	12	13	18.99	19.06	18.94	18.89		
5	64QAM	25	0	18.88	19.09	19.02	19.09		
5	256QAM	1	0	15.42	14.96	14.84	14.87	18	5
5	256QAM	1	12	18.27	17.88	17.89	17.81		
5	256QAM	1	24	15.38	14.85	14.65	14.73		
5	256QAM	12	0	18.03	17.98	17.76	17.84	18	5
5	256QAM	12	7	17.90	17.90	17.89	17.83		
5	256QAM	12	13	17.91	18.22	18.10	18.09		
5	256QAM	25	0	17.93	17.96	17.87	17.97		

GSM1900 Ant3 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	29.22	29.27	29.28	30.00	20.22	20.27	20.28	21.00
GPRS 1 Tx slot	29.25	29.29	29.26	30.00	20.25	20.29	20.26	21.00
GPRS 2 Tx slots	27.07	27.11	27.04	27.50	21.07	21.11	21.04	21.50
GPRS 3 Tx slots	24.78	24.84	24.57	26.00	20.52	20.58	20.31	21.74
GPRS 4 Tx slots	22.62	22.77	22.68	23.50	19.62	19.77	19.68	20.50
EDGE 1 Tx slot	26.66	26.70	26.53	28.00	17.66	17.70	17.53	19.00
EDGE 2 Tx slots	24.74	24.81	24.79	26.00	18.74	18.81	18.79	20.00
EDGE 3 Tx slots	23.43	23.53	23.47	24.50	19.17	19.27	19.21	20.24
EDGE 4 Tx slots	21.55	21.61	21.42	22.50	18.55	18.61	18.42	19.50

		WCDMA II Ant3 DSI3				WCDMA IV Ant3 DSI3			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.78	19.89	19.86	21.50	20.12	20.21	20.18	21.00
3GPP Rel 99	RMC 12.2Kbps	19.88	19.91	19.83	21.50	20.17	20.25	20.20	21.00
3GPP Rel 6	HSDPA Subtest-1	18.93	19.11	18.97	20.50	19.44	19.42	19.43	20.00
3GPP Rel 6	HSDPA Subtest-2	19.06	19.21	18.91	20.50	19.58	19.91	19.51	20.00
3GPP Rel 6	HSDPA Subtest-3	18.67	18.90	18.52	20.00	19.38	19.31	19.18	19.50
3GPP Rel 6	HSDPA Subtest-4	18.58	18.89	18.57	20.00	19.22	19.14	19.14	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.01	19.38	18.86	20.50	19.40	19.83	19.27	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.17	19.14	19.09	20.50	19.52	19.96	19.46	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.29	18.61	18.65	20.00	18.82	19.14	18.91	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.71	18.43	18.53	20.00	19.32	18.87	19.23	19.50
3GPP Rel 6	HSUPA Subtest-1	18.90	19.30	19.07	20.50	19.36	19.81	19.44	20.00
3GPP Rel 6	HSUPA Subtest-2	16.94	17.02	17.03	18.50	17.45	17.62	17.82	18.00
3GPP Rel 6	HSUPA Subtest-3	18.10	18.14	17.91	19.50	18.64	18.72	18.50	19.00
3GPP Rel 6	HSUPA Subtest-4	16.78	17.13	16.89	18.50	17.41	17.81	17.56	18.00
3GPP Rel 6	HSUPA Subtest-5	19.07	18.92	19.04	20.50	19.51	19.42	19.29	20.00

Band 2 Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.52	20.56	20.44	21.6	0
20	QPSK	1	49	20.46	20.42	20.30		
20	QPSK	1	99	20.52	20.50	20.22		
20	QPSK	50	0	20.49	20.55	20.52		
20	QPSK	50	24	20.36	20.49	20.44	21.6	0
20	QPSK	50	50	20.49	20.44	20.27		
20	QPSK	100	0	20.45	20.52	20.38		
20	16QAM	1	0	20.54	20.51	20.23		
20	16QAM	1	49	20.44	20.50	20.44	21.6	0
20	16QAM	1	99	20.45	20.43	20.43		
20	16QAM	50	0	20.36	20.41	20.25		
20	16QAM	50	24	20.42	20.38	20.26	21.6	0
20	16QAM	50	50	20.35	20.51	20.30		
20	16QAM	100	0	20.54	20.47	20.37		
20	64QAM	1	0	20.38	20.45	20.45		
20	64QAM	1	49	20.38	20.42	20.29	21.6	0
20	64QAM	1	99	20.44	20.50	20.42		
20	64QAM	50	0	20.47	20.43	20.24		
20	64QAM	50	24	20.46	20.42	20.25	21.6	0
20	64QAM	50	50	20.54	20.41	20.33		
20	64QAM	100	0	20.36	20.45	20.36		
20	256QAM	1	0	19.00	19.06	18.97		
20	256QAM	1	49	19.15	19.21	19.02	20.1	1.5
20	256QAM	1	99	19.02	19.15	18.92		
20	256QAM	50	0	19.13	19.14	18.91		
20	256QAM	50	24	19.01	19.03	18.97	20.1	1.5
20	256QAM	50	50	18.98	18.99	18.99		
20	256QAM	100	0	19.15	19.01	18.92		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.43	20.38	20.26	21.6	0
15	QPSK	1	37	20.38	20.32	20.13		
15	QPSK	1	74	20.52	20.39	20.07		
15	QPSK	36	0	20.41	20.50	20.26		
15	QPSK	36	20	20.35	20.31	20.45		
15	QPSK	36	39	20.34	20.40	20.24		
15	QPSK	75	0	20.29	20.51	20.21		
15	16QAM	1	0	20.51	20.39	20.10	21.6	0
15	16QAM	1	37	20.35	20.44	20.41		
15	16QAM	1	74	20.29	20.45	20.22		
15	16QAM	36	0	20.30	20.39	20.14		
15	16QAM	36	20	20.32	20.19	20.13		
15	16QAM	36	39	20.36	20.45	20.15		
15	16QAM	75	0	20.47	20.32	20.34		
15	64QAM	1	0	20.28	20.36	20.35		
15	64QAM	1	37	20.31	20.27	20.14	21.6	0
15	64QAM	1	74	20.27	20.40	20.20		
15	64QAM	36	0	20.41	20.29	20.25		
15	64QAM	36	20	20.28	20.28	20.11	21.6	0
15	64QAM	36	39	20.39	20.29	20.30		
15	64QAM	75	0	20.35	20.31	20.26		
15	256QAM	1	0	18.94	18.92	18.77		
15	256QAM	1	37	19.03	19.11	18.82	20.1	1.5
15	256QAM	1	74	18.82	19.03	18.91		
15	256QAM	36	0	19.10	18.97	18.85		
15	256QAM	36	20	18.99	18.99	18.85	20.1	1.5
15	256QAM	36	39	18.90	18.98	18.83		
15	256QAM	75	0	19.14	18.81	18.85		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.55	20.48	20.22	21.6	0
10	QPSK	1	25	20.29	20.20	20.14		
10	QPSK	1	49	20.48	20.50	20.05		
10	QPSK	25	0	20.40	20.42	20.20		
10	QPSK	25	12	20.21	20.39	20.41		
10	QPSK	25	25	20.29	20.46	20.14		
10	QPSK	50	0	20.39	20.41	20.12		
10	16QAM	1	0	20.42	20.44	20.20		
10	16QAM	1	25	20.32	20.46	20.24	21.6	0
10	16QAM	1	49	20.47	20.38	20.28		
10	16QAM	25	0	20.35	20.21	20.03		
10	16QAM	25	12	20.21	20.23	20.11		
10	16QAM	25	25	20.37	20.45	20.17		
10	16QAM	50	0	20.45	20.34	20.34		
10	64QAM	1	0	20.25	20.31	20.41		
10	64QAM	1	25	20.35	20.27	20.21	21.6	0
10	64QAM	1	49	20.37	20.46	20.40		
10	64QAM	25	0	20.27	20.34	20.15		
10	64QAM	25	12	20.40	20.27	20.25	21.6	0
10	64QAM	25	25	20.44	20.42	20.26		
10	64QAM	50	0	20.32	20.37	20.36		
10	256QAM	1	0	18.80	18.89	18.76		
10	256QAM	1	25	18.98	19.02	18.99	20.1	1.5
10	256QAM	1	49	18.92	19.08	18.93		
10	256QAM	25	0	19.01	19.15	18.84		
10	256QAM	25	12	19.02	18.98	18.92	20.1	1.5
10	256QAM	25	25	18.97	18.92	18.81		
10	256QAM	50	0	19.14	18.79	18.87		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.50	20.43	20.34		
5	QPSK	1	12	20.25	20.33	20.25	21.6	0
5	QPSK	1	24	20.53	20.49	20.03		
5	QPSK	12	0	20.39	20.25	20.43		
5	QPSK	12	7	20.30	20.46	20.36	21.6	0
5	QPSK	12	13	20.31	20.42	20.16		
5	QPSK	25	0	20.35	20.49	20.10		
5	16QAM	1	0	20.33	20.39	20.22		
5	16QAM	1	12	20.25	20.42	20.26	21.6	0
5	16QAM	1	24	20.26	20.27	20.25		
5	16QAM	12	0	20.19	20.24	20.13		
5	16QAM	12	7	20.23	20.28	20.08	21.6	0
5	16QAM	12	13	20.17	20.33	20.18		
5	16QAM	25	0	20.38	20.35	20.19		
5	64QAM	1	0	20.37	20.39	20.25		
5	64QAM	1	12	20.22	20.38	20.19	21.6	0
5	64QAM	1	24	20.24	20.34	20.37		
5	64QAM	12	0	20.47	20.24	20.04		
5	64QAM	12	7	20.39	20.23	20.27	21.6	0
5	64QAM	12	13	20.41	20.43	20.33		
5	64QAM	25	0	20.27	20.25	20.17		
5	256QAM	1	0	18.84	18.94	18.91		
5	256QAM	1	12	19.04	19.23	18.85	20.1	1.5
5	256QAM	1	24	18.93	19.10	18.91		
5	256QAM	12	0	19.09	19.01	18.86		
5	256QAM	12	7	18.80	18.84	18.96	20.1	1.5
5	256QAM	12	13	18.83	18.95	18.89		
5	256QAM	25	0	18.99	18.87	18.76		
Channel				18575	18900	19225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.43	20.48	20.22		
3	QPSK	1	8	20.30	20.30	20.32	21.6	0
3	QPSK	1	14	20.53	20.31	20.19		
3	QPSK	8	0	20.19	20.46	20.32		
3	QPSK	8	4	20.33	20.35	20.27	21.6	0
3	QPSK	8	7	20.36	20.45	20.22		
3	QPSK	15	0	20.26	20.45	20.16		
3	16QAM	1	0	20.43	20.40	20.13		
3	16QAM	1	8	20.39	20.39	20.26	21.6	0
3	16QAM	1	14	20.25	20.45	20.25		
3	16QAM	8	0	20.15	20.24	20.22		
3	16QAM	8	4	20.22	20.27	20.10	21.6	0
3	16QAM	8	7	20.35	20.33	20.31		
3	16QAM	15	0	20.54	20.27	20.31		
3	64QAM	1	0	20.38	20.40	20.45		
3	64QAM	1	8	20.23	20.33	20.27	21.6	0
3	64QAM	1	14	20.23	20.30	20.27		
3	64QAM	8	0	20.41	20.28	20.18		
3	64QAM	8	4	20.46	20.44	20.10	21.6	0
3	64QAM	8	7	20.43	20.41	20.33		
3	64QAM	15	0	20.37	20.36	20.26		
3	256QAM	1	0	18.94	19.08	18.91		
3	256QAM	1	8	19.12	19.11	18.84	20.1	1.5
3	256QAM	1	14	18.83	19.13	18.81		
3	256QAM	8	0	18.96	19.00	18.79		
3	256QAM	8	4	19.01	19.01	18.78	20.1	1.5
3	256QAM	8	7	18.97	19.01	18.78		
3	256QAM	15	0	19.14	18.97	18.83		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.51	20.50	20.34		
1.4	QPSK	1	3	20.32	20.43	20.24		
1.4	QPSK	1	5	20.39	20.34	20.17	21.6	0
1.4	QPSK	3	0	20.34	20.45	20.41		
1.4	QPSK	3	1	20.16	20.45	20.37		
1.4	QPSK	3	3	20.39	20.43	20.08		
1.4	QPSK	6	0	20.35	20.26	20.12	21.6	0
1.4	16QAM	1	0	20.33	20.49	20.17		
1.4	16QAM	1	3	20.45	20.43	20.24		
1.4	16QAM	1	5	20.31	20.41	20.37	21.6	0
1.4	16QAM	3	0	20.27	20.31	20.27		
1.4	16QAM	3	1	20.29	20.37	20.05		
1.4	16QAM	3	3	20.25	20.37	20.26		
1.4	16QAM	6	0	20.37	20.49	20.35	21.6	0
1.4	64QAM	1	0	20.19	20.37	20.43		
1.4	64QAM	1	3	20.20	20.40	20.19		
1.4	64QAM	1	5	20.32	20.46	20.21	21.6	0
1.4	64QAM	3	0	20.38	20.30	20.20		
1.4	64QAM	3	1	20.33	20.25	20.08		
1.4	64QAM	3	3	20.38	20.39	20.33		
1.4	64QAM	6	0	20.36	20.46	20.15	21.6	0
1.4	256QAM	1	0	18.89	19.04	18.80		
1.4	256QAM	1	3	19.03	19.21	18.90		
1.4	256QAM	1	5	18.98	19.03	18.92	20.1	1.5
1.4	256QAM	3	0	19.08	18.93	18.88		
1.4	256QAM	3	1	18.94	18.96	18.79		
1.4	256QAM	3	3	18.95	18.92	18.97		
1.4	256QAM	6	0	19.12	18.97	18.73	20.1	1.5

Band 4 Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.76	20.82	20.81	21.8	0
20	QPSK	1	49	20.63	20.52	20.61		
20	QPSK	1	99	20.61	20.66	20.56		
20	QPSK	50	0	20.58	20.78	20.64		
20	QPSK	50	24	20.47	20.68	20.53	21.8	0
20	QPSK	50	50	20.62	20.76	20.53		
20	QPSK	100	0	20.63	20.73	20.58		
20	16QAM	1	0	20.62	20.73	20.39		
20	16QAM	1	49	20.69	20.81	20.53	21.8	0
20	16QAM	1	99	20.77	20.66	20.52		
20	16QAM	50	0	20.49	20.68	20.57		
20	16QAM	50	24	20.59	20.69	20.53	21.8	0
20	16QAM	50	50	20.44	20.60	20.61		
20	16QAM	100	0	20.65	20.63	20.50		
20	64QAM	1	0	20.62	20.74	20.56		
20	64QAM	1	49	20.62	20.70	20.50	21.8	0
20	64QAM	1	99	20.75	20.62	20.68		
20	64QAM	50	0	20.76	20.60	20.46		
20	64QAM	50	24	20.66	20.77	20.48	21.8	0
20	64QAM	50	50	20.67	20.50	20.41		
20	64QAM	100	0	20.61	20.60	20.64		
20	256QAM	1	0	19.09	19.17	19.21		
20	256QAM	1	49	19.42	19.48	19.30	20.3	1.5
20	256QAM	1	99	19.30	19.31	19.13		
20	256QAM	50	0	19.37	19.39	19.12		
20	256QAM	50	24	19.10	19.11	19.18	20.3	1.5
20	256QAM	50	50	19.09	19.27	19.28		
20	256QAM	100	0	19.44	19.24	19.09		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.70	20.79	20.62		
15	QPSK	1	37	20.72	20.53	20.59	21.8	0
15	QPSK	1	74	20.75	20.75	20.37		
15	QPSK	36	0	20.48	20.71	20.55		
15	QPSK	36	20	20.56	20.64	20.59	21.8	0
15	QPSK	36	39	20.62	20.72	20.62		
15	QPSK	75	0	20.53	20.72	20.46		
15	16QAM	1	0	20.75	20.67	20.45		
15	16QAM	1	37	20.58	20.62	20.58	21.8	0
15	16QAM	1	74	20.74	20.59	20.52		
15	16QAM	36	0	20.66	20.73	20.48		
15	16QAM	36	20	20.57	20.48	20.50	21.8	0
15	16QAM	36	39	20.59	20.81	20.58		
15	16QAM	75	0	20.67	20.59	20.58		
15	64QAM	1	0	20.66	20.57	20.70		
15	64QAM	1	37	20.58	20.51	20.46	21.8	0
15	64QAM	1	74	20.68	20.72	20.70		
15	64QAM	36	0	20.58	20.53	20.40		
15	64QAM	36	20	20.65	20.53	20.52	21.8	0
15	64QAM	36	39	20.63	20.51	20.57		
15	64QAM	75	0	20.54	20.72	20.50		
15	256QAM	1	0	19.09	19.22	19.20		
15	256QAM	1	37	19.31	19.32	19.27	20.3	1.5
15	256QAM	1	74	19.31	19.38	19.07		
15	256QAM	36	0	19.24	19.28	19.20		
15	256QAM	36	20	19.18	19.26	19.26	20.3	1.5
15	256QAM	36	39	19.16	19.24	19.18		
15	256QAM	75	0	19.43	19.22	19.03		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.73	20.81	20.65	21.8	0
10	QPSK	1	25	20.61	20.73	20.44		
10	QPSK	1	49	20.73	20.63	20.53		
10	QPSK	25	0	20.57	20.80	20.50		
10	QPSK	25	12	20.61	20.69	20.70	21.8	0
10	QPSK	25	25	20.79	20.70	20.59		
10	QPSK	50	0	20.57	20.68	20.50		
10	16QAM	1	0	20.70	20.78	20.32		
10	16QAM	1	25	20.71	20.60	20.66	21.8	0
10	16QAM	1	49	20.56	20.66	20.56		
10	16QAM	25	0	20.65	20.66	20.38		
10	16QAM	25	12	20.52	20.47	20.53	21.8	0
10	16QAM	25	25	20.49	20.79	20.59		
10	16QAM	50	0	20.71	20.70	20.69		
10	64QAM	1	0	20.68	20.61	20.59		
10	64QAM	1	25	20.53	20.56	20.41	21.8	0
10	64QAM	1	49	20.63	20.59	20.65		
10	64QAM	25	0	20.77	20.62	20.38		
10	64QAM	25	12	20.54	20.62	20.36	21.8	0
10	64QAM	25	25	20.80	20.56	20.50		
10	64QAM	50	0	20.53	20.69	20.61		
10	256QAM	1	0	19.12	19.28	19.15		
10	256QAM	1	25	19.25	19.51	19.31	20.3	1.5
10	256QAM	1	49	19.26	19.32	19.23		
10	256QAM	25	0	19.33	19.34	19.07		
10	256QAM	25	12	19.25	19.32	19.08	20.3	1.5
10	256QAM	25	25	19.09	19.29	19.24		
10	256QAM	50	0	19.29	19.18	19.18		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.72	20.70	20.67		
5	QPSK	1	12	20.73	20.61	20.61	21.8	0
5	QPSK	1	24	20.68	20.67	20.45		
5	QPSK	12	0	20.53	20.77	20.64		
5	QPSK	12	7	20.45	20.80	20.55	21.8	0
5	QPSK	12	13	20.73	20.53	20.55		
5	QPSK	25	0	20.64	20.58	20.57		
5	16QAM	1	0	20.66	20.67	20.36		
5	16QAM	1	12	20.56	20.70	20.69	21.8	0
5	16QAM	1	24	20.56	20.66	20.59		
5	16QAM	12	0	20.48	20.59	20.47		
5	16QAM	12	7	20.52	20.46	20.49	21.8	0
5	16QAM	12	13	20.55	20.64	20.45		
5	16QAM	25	0	20.79	20.66	20.46		
5	64QAM	1	0	20.65	20.71	20.71		
5	64QAM	1	12	20.55	20.53	20.42	21.8	0
5	64QAM	1	24	20.54	20.61	20.53		
5	64QAM	12	0	20.74	20.57	20.37		
5	64QAM	12	7	20.62	20.57	20.53	21.8	0
5	64QAM	12	13	20.70	20.70	20.60		
5	64QAM	25	0	20.54	20.76	20.56		
5	256QAM	1	0	19.16	19.26	19.15		
5	256QAM	1	12	19.41	19.50	19.26	20.3	1.5
5	256QAM	1	24	19.30	19.24	19.11		
5	256QAM	12	0	19.42	19.36	19.02		
5	256QAM	12	7	19.15	19.20	19.16	20.3	1.5
5	256QAM	12	13	19.18	19.24	19.29		
5	256QAM	25	0	19.45	19.13	19.14		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.69	20.81	20.60		
3	QPSK	1	8	20.68	20.62	20.44	21.8	0
3	QPSK	1	14	20.81	20.72	20.33		
3	QPSK	8	0	20.66	20.73	20.53		
3	QPSK	8	4	20.50	20.69	20.69	21.8	0
3	QPSK	8	7	20.72	20.68	20.56		
3	QPSK	15	0	20.54	20.68	20.56		
3	16QAM	1	0	20.62	20.69	20.39		
3	16QAM	1	8	20.75	20.67	20.74	21.8	0
3	16QAM	1	14	20.64	20.69	20.60		
3	16QAM	8	0	20.58	20.70	20.54		
3	16QAM	8	4	20.67	20.61	20.53	21.8	0
3	16QAM	8	7	20.60	20.70	20.61		
3	16QAM	15	0	20.75	20.63	20.50		
3	64QAM	1	0	20.58	20.68	20.53		
3	64QAM	1	8	20.63	20.57	20.53	21.8	0
3	64QAM	1	14	20.53	20.68	20.54		
3	64QAM	8	0	20.59	20.53	20.53		
3	64QAM	8	4	20.72	20.70	20.45	21.8	0
3	64QAM	8	7	20.65	20.59	20.51		
3	64QAM	15	0	20.64	20.63	20.55		
3	256QAM	1	0	19.23	19.31	19.21		
3	256QAM	1	8	19.41	19.41	19.20	20.3	1.5
3	256QAM	1	14	19.17	19.47	19.17		
3	256QAM	8	0	19.29	19.38	19.22		
3	256QAM	8	4	19.28	19.24	19.24	20.3	1.5
3	256QAM	8	7	19.25	19.30	19.30		
3	256QAM	15	0	19.36	19.16	19.18		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.72	20.65	20.53		
1.4	QPSK	1	3	20.66	20.56	20.41		
1.4	QPSK	1	5	20.75	20.65	20.52	21.8	0
1.4	QPSK	3	0	20.60	20.66	20.69		
1.4	QPSK	3	1	20.49	20.60	20.53		
1.4	QPSK	3	3	20.62	20.67	20.38		
1.4	QPSK	6	0	20.70	20.71	20.46	21.8	0
1.4	16QAM	1	0	20.64	20.79	20.38		
1.4	16QAM	1	3	20.61	20.58	20.60		
1.4	16QAM	1	5	20.67	20.71	20.69	21.8	0
1.4	16QAM	3	0	20.67	20.59	20.45		
1.4	16QAM	3	1	20.73	20.63	20.47		
1.4	16QAM	3	3	20.57	20.62	20.41		
1.4	16QAM	6	0	20.63	20.78	20.67	21.8	0
1.4	64QAM	1	0	20.51	20.58	20.53		
1.4	64QAM	1	3	20.67	20.67	20.39		
1.4	64QAM	1	5	20.60	20.75	20.61	21.8	0
1.4	64QAM	3	0	20.62	20.58	20.41		
1.4	64QAM	3	1	20.69	20.73	20.37		
1.4	64QAM	3	3	20.70	20.56	20.47		
1.4	64QAM	6	0	20.58	20.60	20.63	21.8	0
1.4	256QAM	1	0	19.27	19.35	19.21		
1.4	256QAM	1	3	19.30	19.41	19.33		
1.4	256QAM	1	5	19.26	19.46	19.06	20.3	1.5
1.4	256QAM	3	0	19.29	19.33	19.15		
1.4	256QAM	3	1	19.15	19.33	19.13		
1.4	256QAM	3	3	19.23	19.11	19.21		
1.4	256QAM	6	0	19.32	19.20	19.02	20.3	1.5

Band 7 Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.62	19.70	19.67	21.2	0
20	QPSK	1	49	19.42	19.52	19.49		
20	QPSK	1	99	19.52	19.58	19.69		
20	QPSK	50	0	19.46	19.68	19.51		
20	QPSK	50	24	19.54	19.65	19.45	21.2	0
20	QPSK	50	50	19.40	19.61	19.48		
20	QPSK	100	0	19.44	19.65	19.58		
20	16QAM	1	0	19.50	19.57	19.59		
20	16QAM	1	49	19.63	19.58	19.55	21.2

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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				132072	132222	132372		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.03	21.17	20.99		
20	QPSK	1	49	21.02	21.06	20.94	21.8	0
20	QPSK	1	99	20.82	20.79	20.91		
20	QPSK	50	0	21.05	21.15	21.02		
20	QPSK	50	24	21.13	20.95	21.09	21.8	0
20	QPSK	50	50	21.05	21.05	21.06		
20	QPSK	100	0	21.05	21.12	21.08		
20	16QAM	1	0	20.98	21.08	20.93		
20	16QAM	1	49	20.84	20.81	20.89	21.8	0
20	16QAM	1	99	20.96	20.94	20.80		
20	16QAM	50	0	20.71	20.82	20.55		
20	16QAM	50	24	20.77	20.68	20.73	21.8	0
20	16QAM	50	50	20.85	20.91	20.67		
20	16QAM	100	0	20.96	20.83	20.87		
20	64QAM	1	0	20.84	20.76	20.74		
20	64QAM	1	49	20.83	20.73	20.81	21.8	0
20	64QAM	1	99	20.89	20.83	20.80		
20	64QAM	50	0	20.91	20.89	20.63		
20	64QAM	50	24	20.97	20.89	20.57	21.8	0
20	64QAM	50	50	20.96	20.77	20.75		
20	64QAM	100	0	20.88	20.92	20.78		
20	256QAM	1	0	19.39	19.48	19.44		
20	256QAM	1	49	19.46	19.64	19.48	20.3	1.5
20	256QAM	1	99	19.50	19.51	19.41		
20	256QAM	50	0	19.45	19.48	19.24		
20	256QAM	50	24	19.39	19.38	19.43	20.3	1.5
20	256QAM	50	50	19.47	19.35	19.44		
20	256QAM	100	0	19.56	19.45	19.44		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.97	20.96	20.92		
15	QPSK	1	37	20.97	21.08	20.93	21.8	0
15	QPSK	1	74	20.73	20.63	20.84		
15	QPSK	36	0	20.96	20.97	20.81		
15	QPSK	36	20	20.92	20.77	20.89	21.8	0
15	QPSK	36	39	20.95	21.04	20.98		
15	QPSK	75	0	20.89	20.96	21.07		
15	16QAM	1	0	20.87	20.89	20.75		
15	16QAM	1	37	20.62	20.76	20.84	21.8	0
15	16QAM	1	74	20.82	20.79	20.74		
15	16QAM	36	0	20.60	20.77	20.39		
15	16QAM	36	20	20.75	20.54	20.67	21.8	0
15	16QAM	36	39	20.85	20.69	20.46		
15	16QAM	75	0	20.75	20.85	20.68		
15	64QAM	1	0	20.68	20.55	20.70		
15	64QAM	1	37	20.74	20.66	20.67	21.8	0
15	64QAM	1	74	20.84	20.82	20.79		
15	64QAM	36	0	20.89	20.79	20.52		
15	64QAM	36	20	20.92	20.68	20.48	21.8	0
15	64QAM	36	39	20.90	20.65	20.61		
15	64QAM	75	0	20.88	20.89	20.59		
15	256QAM	1	0	19.28	19.28	19.35		
15	256QAM	1	37	19.41	19.62	19.47	20.3	1.5
15	256QAM	1	74	19.43	19.46	19.32		
15	256QAM	36	0	19.43	19.27	19.05		
15	256QAM	36	20	19.24	19.31	19.23	20.3	1.5
15	256QAM	36	39	19.37	19.31	19.25		
15	256QAM	75	0	19.57	19.31	19.30		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.91	21.15	20.78		
10	QPSK	1	25	20.97	20.92	20.95	21.8	0
10	QPSK	1	49	20.82	20.68	20.71		
10	QPSK	25	0	21.03	21.14	20.95		
10	QPSK	25	12	21.07	20.75	21.09	21.8	0
10	QPSK	25	25	20.89	21.06	21.06		
10	QPSK	50	0	20.89	21.05	21.04		
10	16QAM	1	0	20.97	20.89	20.81		
10	16QAM	1	25	20.74	20.61	20.77	21.8	0
10	16QAM	1	49	20.89	20.74	20.62		
10	16QAM	25	0	20.57	20.66	20.52		
10	16QAM	25	12	20.74	20.55	20.65	21.8	0
10	16QAM	25	25	20.70	20.78	20.47		
10	16QAM	50	0	20.90	20.76	20.75		
10	64QAM	1	0	20.69	20.58	20.60		
10	64QAM	1	25	20.69	20.55	20.64	21.8	0
10	64QAM	1	49	20.79	20.75	20.81		
10	64QAM	25	0	20.81	20.70	20.51		
10	64QAM	25	12	20.76	20.72	20.48	21.8	0
10	64QAM	25	25	20.77	20.73	20.59		
10	64QAM	50	0	20.81	20.82	20.66		
10	256QAM	1	0	19.35	19.47	19.30		
10	256QAM	1	25	19.36	19.61	19.36	20.3	1.5
10	256QAM	1	49	19.41	19.40	19.25		
10	256QAM	25	0	19.25	19.37	19.22		
10	256QAM	25	12	19.23	19.37	19.38	20.3	1.5
10	256QAM	25	25	19.33	19.35	19.41		
10	256QAM	50	0	19.43	19.33	19.34		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.85	21.01	20.80		
5	QPSK	1	12	20.85	21.01	20.92	21.8	0
5	QPSK	1	24	20.74	20.63	20.79		
5	QPSK	12	0	20.97	21.11	21.02		
5	QPSK	12	7	20.96	20.89	20.98	21.8	0
5	QPSK	12	13	20.98	21.04	21.07		
5	QPSK	25	0	20.93	20.96	21.06		
5	16QAM	1	0	20.78	21.07	20.74		
5	16QAM	1	12	20.66	20.72	20.69	21.8	0
5	16QAM	1	24	20.82	20.90	20.61		
5	16QAM	12	0	20.59	20.64	20.47		
5	16QAM	12	7	20.63	20.63	20.57	21.8	0
5	16QAM	12	13	20.81	20.73	20.60		
5	16QAM	25	0	20.86	20.80	20.76		
5	64QAM	1	0	20.84	20.61	20.74		
5	64QAM	1	12	20.65	20.53	20.78	21.8	0
5	64QAM	1	24	20.83	20.64	20.61		
5	64QAM	12	0	20.73	20.79	20.57		
5	64QAM	12	7	20.77	20.84	20.53	21.8	0
5	64QAM	12	13	20.88	20.69	20.54		
5	64QAM	25	0	20.86	20.84	20.74		
5	256QAM	1	0	19.24	19.38	19.28		
5	256QAM	1	12	19.32	19.43	19.34	20.3	1.5
5	256QAM	1	24	19.50	19.36	19.23		
5	256QAM	12	0	19.36	19.43	19.21		
5	256QAM	12	7	19.24	19.38	19.41	20.3	1.5
5	256QAM	12	13	19.44	19.19	19.32		
5	256QAM	25	0	19.47	19.40	19.39		
Channel				131957	132322	132687	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.84	21.01	20.98		
3	QPSK	1	8	20.91	20.95	20.81	21.8	0
3	QPSK	1	14	20.65	20.72	20.77		
3	QPSK	8	0	21.07	21.05	20.89		
3	QPSK	8	4	21.10	20.90	20.94	21.8	0
3	QPSK	8	7	21.03	21.00	21.03		
3	QPSK	15	0	20.99	20.98	21.04		
3	16QAM	1	0	20.98	21.07	20.92		
3	16QAM	1	8	20.85	20.80	20.74	21.8	0
3	16QAM	1	14	20.92	20.88	20.74		
3	16QAM	8	0	20.68	20.63	20.40		
3	16QAM	8	4	20.67	20.54	20.52	21.8	0
3	16QAM	8	7	20.69	20.83	20.52		
3	16QAM	15	0	20.93	20.84	20.76		
3	64QAM	1	0	20.64	20.69	20.70		
3	64QAM	1	8	20.70	20.57	20.76	21.8	0
3	64QAM	1	14	20.77	20.65	20.81		
3	64QAM	8	0	20.86	20.71	20.51		
3	64QAM	8	4	20.86	20.68	20.37	21.8	0
3	64QAM	8	7	20.85	20.67	20.73		
3	64QAM	15	0	20.71	20.92	20.63		
3	256QAM	1	0	19.18	19.34	19.41		
3	256QAM	1	8	19.47	19.54	19.35	20.3	1.5
3	256QAM	1	14	19.47	19.53	19.23		
3	256QAM	8	0	19.37	19.32	19.23		
3	256QAM	8	4	19.37	19.31	19.44	20.3	1.5
3	256QAM	8	7	19.36	19.27	19.34		
3	256QAM	15	0	19.50	19.39	19.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.95	20.97	21.01		
1.4	QPSK	1	3	20.99	20.97	20.86		
1.4	QPSK	1	5	20.73	20.58	20.93	21.8	0
1.4	QPSK	3	0	20.89	20.94	20.90		
1.4	QPSK	3	1	21.09	20.76	21.09		
1.4	QPSK	3	3	20.99	20.92	20.95		
1.4	QPSK	6	0	20.93	21.01	21.08	21.8	0
1.4	16QAM	1	0	20.96	21.01	20.72		
1.4	16QAM	1	3	20.70	20.61	20.90		
1.4	16QAM	1	5	20.90	20.89	20.71	21.8	0
1.4	16QAM	3	0	20.71	20.68	20.49		
1.4	16QAM	3	1	20.72	20.69	20.58		
1.4	16QAM	3	3	20.68	20.90	20.67		
1.4	16QAM	6	0	20.76	20.78	20.85	21.8	0
1.4	64QAM	1	0	20.85	20.71	20.71		
1.4	64QAM	1	3	20.78	20.68	20.67		
1.4	64QAM	1	5	20.69	20.78	20.80	21.8	0
1.4	64QAM	3	0	20.93	20.79	20.61		
1.4	64QAM	3	1	20.96	20.82	20.59		
1.4	64QAM	3	3	20.80	20.71	20.73		
1.4	64QAM	6	0	20.82	20.72	20.65	21.8	0
1.4	256QAM	1	0	19.30	19.46	19.22		
1.4	256QAM	1	3	19.45	19.60	19.36		
1.4	256QAM	1	5	19.39	19.41	19.25	20.3	1.5
1.4	256QAM	3	0	19.32	19.27	19.04		
1.4	256QAM	3	1	19.29	19.32	19.25		
1.4	256QAM	3	3	19.29	19.16	19.37		
1.4	256QAM	6	0	19.46	19.45	19.40	20.3	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	21.52	21.59	21.57	22.8	0
20	QPSK	1	49	21.38	21.45	21.47		
20	QPSK	1	99	21.44	21.48	21.36		
20	QPSK	50	0	21.34	21.55	21.51	22.8	0
20	QPSK	50	24	21.41	21.37	21.36		
20	QPSK	50	50	21.52	21.41	21.38		
20	QPSK	100	0	21.35	21.51	21.44		
20	16QAM	1	0	21.30	21.54	21.38	22.8	0
20	16QAM	1	49	21.51	21.55	21.38		
20	16QAM	1	99	21.43	21.50	21.52		
20	16QAM	50	0	21.53	21.52	21.48	22.8	0
20	16QAM	50	24	21.42	21.42	21.51		
20	16QAM	50	50	21.42	21.47	21.38		
20	16QAM	100	0	21.33	21.45	21.40		
20	64QAM	1	0	21.36	21.45	21.51	22.8	0
20	64QAM	1	49	21.39	21.49	21.45		
20	64QAM	1	99	21.30	21.41	21.54		
20	64QAM	50	0	20.48	20.55	20.56	21.8	1
20	64QAM	50	24	20.43	20.49	20.51		
20	64QAM	50	50	20.63	20.65	20.46		
20	64QAM	100	0	20.56	20.71	20.69		
20	256QAM	1	0	18.43	18.47	18.67	19.8	3
20	256QAM	1	49	18.58	18.67	18.60		
20	256QAM	1	99	18.56	18.61	18.62		
20	256QAM	50	0	18.53	18.67	18.58	19.8	3
20	256QAM	50	24	18.44	18.67	18.45		
20	256QAM	50	50	18.47	18.53	18.50		
20	256QAM	100	0	18.44	18.71	18.49		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.51	21.53	21.54	22.8	0
15	QPSK	1	37	21.16	21.34	21.26		
15	QPSK	1	74	21.45	21.31	21.34		
15	QPSK	36	0	21.34	21.49	21.38	22.8	0
15	QPSK	36	20	21.43	21.16	21.38		
15	QPSK	36	39	21.45	21.26	21.27		
15	QPSK	75	0	21.35	21.40	21.33		
15	16QAM	1	0	21.29	21.47	21.30	22.8	0
15	16QAM	1	37	21.49	21.53	21.18		
15	16QAM	1	74	21.36	21.51	21.37		
15	16QAM	36	0	21.36	21.34	21.38	22.8	0
15	16QAM	36	20	21.27	21.32	21.47		
15	16QAM	36	39	21.32	21.36	21.21		
15	16QAM	75	0	21.33	21.43	21.27		
15	64QAM	1	0	21.19	21.30	21.30	22.8	0
15	64QAM	1	37	21.17	21.44	21.24		
15	64QAM	1	74	21.21	21.36	21.40		
15	64QAM	36	0	20.32	20.37	20.34	21.8	1
15	64QAM	36	20	20.29	20.37	20.37		
15	64QAM	36	39	20.67	20.48	20.24		
15	64QAM	75	0	20.39	20.62	20.63		
15	256QAM	1	0	18.42	18.46	18.57	19.8	3
15	256QAM	1	37	18.37	18.51	18.60		
15	256QAM	1	74	18.39	18.59	18.42		
15	256QAM	36	0	18.52	18.64	18.39	19.8	3
15	256QAM	36	20	18.23	18.54	18.35		
15	256QAM	36	39	18.47	18.40	18.35		
15	256QAM	75	0	18.24	18.53	18.27		
Channel				37550	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.33	21.58	21.53	22.8	0
10	QPSK	1	25	21.23	21.31	21.29		
10	QPSK	1	49	21.39	21.45	21.24		
10	QPSK	25	0	21.18	21.57	21.46	22.8	0
10	QPSK	25	12	21.29	21.32	21.38		
10	QPSK	25	25	21.50	21.35	21.35		
10	QPSK	50	0	21.34	21.45	21.40		
10	16QAM	1	0	21.26	21.36	21.25	22.8	0
10	16QAM	1	25	21.43	21.48	21.17		
10	16QAM	1	49	21.33	21.40	21.50		
10	16QAM	25	0	21.39	21.38	21.49	22.8	0
10	16QAM	25	12	21.28	21.39	21.40		
10	16QAM	25	25	21.27	21.48	21.33		
10	16QAM	50	0	21.30	21.38	21.31		
10	64QAM	1	0	21.27	21.42	21.42	22.8	0
10	64QAM	1	25	21.25	21.35	21.32		
10	64QAM	1	49	21.26	21.26	21.56		
10	64QAM	25	0	20.28	20.40	20.43	21.8	1
10	64QAM	25	12	20.28	20.40	20.46		
10	64QAM	25	25	20.65	20.44	20.37		
10	64QAM	50	0	20.51	20.53	20.51		
10	256QAM	1	0	18.24	18.31	18.69	19.8	3
10	256QAM	1	25	18.38	18.50	18.56		
10	256QAM	1	49	18.36	18.48	18.49		
10	256QAM	25	0	18.38	18.63	18.57	19.8	3
10	256QAM	25	12	18.28	18.49	18.44		
10	256QAM	25	25	18.29	18.37	18.50		
10	256QAM	50	0	18.22	18.65	18.43		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.32	21.53	21.50	22.8	0
5	QPSK	1	12	21.39	21.29	21.39		
5	QPSK	1	24	21.40	21.36	21.28		
5	QPSK	12	0	21.14	21.38	21.43	22.8	0
5	QPSK	12	7	21.36	21.30	21.16		
5	QPSK	12	13	21.50	21.27	21.17		
5	QPSK	25	0	21.21	21.42	21.42		
5	16QAM	1	0	21.17	21.37	21.18	22.8	0
5	16QAM	1	12	21.30	21.42	21.28		
5	16QAM	1	24	21.45	21.29	21.37		
5	16QAM	12	0	21.41	21.33	21.49	22.8	0
5	16QAM	12	7	21.23	21.25	21.36		
5	16QAM	12	13	21.28	21.40	21.27		
5	16QAM	25	0	21.34	21.25	21.18		
5	64QAM	1	0	21.37	21.44	21.30	22.8	0
5	64QAM	1	12	21.34	21.49	21.42		
5	64QAM	1	24	21.15	21.37	21.50		
5	64QAM	12	0	20.38	20.35	20.36	21.8	1
5	64QAM	12	7	20.42	20.36	20.35		
5	64QAM	12	13	20.51	20.60	20.42		
5	64QAM	25	0	20.56	20.59	20.55		
5	256QAM	1	0	18.40	18.48	18.64	19.8	3
5	256QAM	1	12	18.40	18.57	18.45		
5	256QAM	1	24	18.41	18.63	18.59		
5	256QAM	12	0	18.45	18.68	18.59	19.8	3
5	256QAM	12	7	18.38	18.48	18.42		
5	256QAM	12	13	18.47	18.51	18.44		
5	256QAM	25	0	18.31	18.56	18.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.21	21.36	21.44	21.25	21.21	22.8	0
20	QPSK	1	49	21.06	21.34	21.28	21.03	21.06		
20	QPSK	1	99	21.06	21.36	21.42	21.13	21.17		
20	QPSK	50	0	21.17	21.33	21.41	21.15	21.18	22.8	0
20	QPSK	50	24	21.03	21.31	21.35	21.18	21.19		
20	QPSK	50	50	21.13	21.34	21.32	21.24	21.09		
20	QPSK	100	0	21.16	21.18	21.37	21.17	21.21		
20	16QAM	1	0	21.10	21.28	21.40	21.14	21.22	22.8	0
20	16QAM	1	49	21.15	21.20	21.43	21.10	21.00		
20	16QAM	1	99	21.06	21.22	21.31	21.24	21.13		
20	16QAM	50	0	21.18	21.21	21.29	21.16	21.04	22.8	0
20	16QAM	50	24	21.16	21.15	21.37	21.14	21.12		
20	16QAM	50	50	21.11	21.19	21.29	21.06	21.19		
20	16QAM	100	0	21.01	21.23	21.41	21.27	21.15		
20	64QAM	1	0	21.20	21.15	21.42	21.05	21.10	22.8	0
20	64QAM	1	49	21.01	21.26	21.28	21.15	21.21		
20	64QAM	1	99	21.18	21.15	21.24	21.08	21.18		
20	64QAM	50	0	20.22	20.46	20.55	20.21	20.26	21.8	1
20	64QAM	50	24	20.20	20.44	20.39	20.16	20.11		
20	64QAM	50	50	20.15	20.32	20.35	20.17	20.32		
20	64QAM	100	0	20.27	20.39	20.42	20.26	20.31		
20	256QAM	1	0	18.26	18.44	18.42	18.16	18.22	19.8	3
20	256QAM	1	49	18.17	18.39	18.41	18.34	18.29		
20	256QAM	1	99	18.29	18.45	18.33	18.31	18.21		
20	256QAM	50	0	18.26	18.41	18.50	18.21	18.32	19.8	3
20	256QAM	50	24	18.20	18.27	18.36	18.28	18.24		
20	256QAM	50	50	18.18	18.31	18.46	18.21	18.10		
20	256QAM	100	0	18.29	18.32	18.43	18.28	18.28		
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	21.03	21.38	21.38	21.08	21.14	23	0
15	QPSK	1	37	21.06	21.34	21.18	21.02	20.92		
15	QPSK	1	74	21.04	21.23	21.33	21.13	21.18		
15	QPSK	36	0	20.97	21.15	21.33	20.95	21.04	22.8	0
15	QPSK	36	20	20.91	21.31	21.16	20.97	21.05		
15	QPSK	36	39	21.09	21.27	21.34	21.10	21.06		
15	QPSK	75	0	21.03	21.13	21.29	21.19	21.07		
15	16QAM	1	0	21.05	21.29	21.39	21.15	21.10	22.8	0
15	16QAM	1	37	21.11	21.15	21.22	21.29	21.29		
15	16QAM	1	74	21.29	21.16	21.30	21.26	21.08		
15	16QAM	36	0	21.13	21.02	21.15	21.02	21.00	22.8	0
15	16QAM	36	20	21.03	20.94	21.25	21.13	21.00		
15	16QAM	36	39	21.09	21.19	21.19	21.01	21.07		
15	16QAM	75	0	20.82	21.24	21.23	21.08	21.17		
15	64QAM	1	0	20.99	21.12	21.34	21.05	21.08	22.8	0
15	64QAM	1	37	20.97	21.27	21.24	21.12	21.07		
15	64QAM	1	74	21.02	20.95	21.03	20.93	21.11		
15	64QAM	36	0	20.23	20.39	20.36	20.18	20.15	21.8	1
15	64QAM	36	20	20.21	20.34	20.39	20.16	19.93		
15	64QAM	36	39	19.93	20.31	20.27	20.05	20.31		
15	64QAM	75	0	20.11	20.22	20.20	20.18	20.11		
15	256QAM	1	0	18.24	18.39	18.29	17.95	18.13	19.8	3
15	256QAM	1	37	17.99	18.35	18.39	18.18	18.29		
15	256QAM	1	74	18.23	18.32	18.33	18.21	18.18		
15	256QAM	36	0	18.25	18.41	18.31	18.04	18.16	19.8	3
15	256QAM	36	20	17.99	18.26	18.14	18.24	18.25		
15	256QAM	36	39	17.98	18.26	18.46	18.13	18.07		
15	256QAM	75	0	18.19	18.21	18.30	18.16	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	21.04	21.15	21.34	21.18	21.03	23	0
10	QPSK	1	25	20.99	21.29	21.17	21.04	20.88		
10	QPSK	1	49	20.95	21.17	21.30	20.91	21.12		
10	QPSK	25	0	21.03	21.16	21.31	20.96	20.97	22.8	0
10	QPSK	25	12	20.83	21.22	21.20	21.01	21.17		
10	QPSK	25	25	20.95	21.12	21.15	21.22	21.05		
10	QPSK	50	0	21.03	21.06	21.29	21.02	21.02		
10	16QAM	1	0	20.98	21.14	21.27	21.01	21.20	22.8	0
10	16QAM	1	25	21.15	21.18	21.27	21.01	20.85		
10	16QAM	1	49	20.87	21.04	21.29	21.02	20.98		
10	16QAM	25	0	21.01	21.22	21.29	20.94	20.88	22.8	0
10	16QAM	25	12	21.06	21.11	21.35	21.15	20.90		
10	16QAM	25	25	20.96	20.99	21.25	21.03	21.07		
10	16QAM	50	0	20.80	21.06	21.29	21.10	21.12		
10	64QAM	1	0	21.11	21.14	21.38	21.16	20.98	22.8	0
10	64QAM	1	25	21.16	21.16	21.20	21.16	21.09		
10	64QAM	1	49	21.03	21.16	21.04	20.93	21.10		
10	64QAM	25	0	20.13	20.36	20.39	20.01	20.19	21.8	1
10	64QAM	25	12	20.06	20.32	20.23	19.97	19.95		
10	64QAM	25	25	20.12	20.17	20.19	20.11	20.11		
10	64QAM	50	0	20.20	20.20	20.43	20.13	20.10		
10	256QAM	1	0	18.12	18.41	18.25	18.18	18.21	19.8	3
10	256QAM	1	25	18.16	18.18	18.27	18.32	18.28		
10	256QAM	1	49	18.12	18.47	18.21	18.15	18.09		
10	256QAM	25	0	18.23	18.25	18.38	18.01	18.17	19.8	3
10	256QAM	25	12	18.11	18.09	18.34	18.19	18.26		
10	256QAM	25	25	18.11	18.33	18.34	18.17	18.06		
10	256QAM	50	0	18.13	18.30	18.36	18.22	18.19		
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	21.20	21.20	21.26	21.03	21.15	23	0
5	QPSK	1	12	20.92	21.18	21.07	20.84	21.08		
5	QPSK	1	24	20.99	21.24	21.23	21.07	21.12		
5	QPSK	12	0	20.99	21.29	21.20	21.13	21.00	22.8	0
5	QPSK	12	7	20.96	21.18	21.35	20.99	21.01		
5	QPSK	12	13	21.12	21.22	21.32	21.22	20.88		
5	QPSK	25	0	21.01	21.12	21.33	21.04	21.06		
5	16QAM	1	0	21.09	21.25	21.31	21.03	21.22	22.8	0
5	16QAM	1	12	21.16	21.14	21.28	20.96	20.86		
5	16QAM	1	24	21.02	21.08	21.33	21.12	20.95		
5	16QAM	12	0	21.17	21.05	21.22	21.17	20.83	22.8	0
5	16QAM	12	7	20.96	21.16	21.31	21.04	20.99		
5	16QAM	12	13	20.95	21.13	21.26	20.98	21.08		
5	16QAM	25	0	20.88	21.09	21.37	21.29	21.05		
5	64QAM	1	0	21.13	21.13	21.39	20.97	20.95	22.8	0
5	64QAM	1	12	20.93	21.23	21.09	20.94	21.22		
5	64QAM	1	24	21.04	21.17	21.02	20.94	21.02		
5	64QAM	12	0	20.09	20.29	20.40	20.02	20.13	21.8	1
5	64QAM	12	7	20.19	20.26	20.33	20.03	19.94		
5	64QAM	12	13	20.12	20.17	20.15	20.00	20.22		
5	64QAM	25	0	20.20	20.23	20.25	20.06	20.24		
5	256QAM	1	0	18.28	18.27	18.25	18.06	18.07	19.8	3
5	256QAM	1	12	18.18	18.19	18.26	18.30	18.12		
5	256QAM	1	24	18.08	18.47	18.26	18.26	18.01		
5	256QAM	12	0	18.10	18.25	18.44	18.20	18.15	19.8	3
5	256QAM	12	7	18.10	18.21	18.34	18.22	18.13		
5	256QAM	12	13	18.15	18.17	18.43	18.01	18.16		
5	256QAM	25	0	18.15	18.23	18.44	18.18	18.22		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.16	23.16	23.21	23.17	23.19	24.4	0
20	QPSK	1	49	23.14	22.95	23.07	23.17	23.15		
20	QPSK	1	99	23.11	22.97	23.06	23.17	23.11		
20	QPSK	50	0	22.97	23.11	23.19	23.11	23.17	24.4	0
20	QPSK	50	24	23.04	23.17	23.12	23.12	23.13		
20	QPSK	50	50	23.11	23.09	23.15	23.07	23.06		
20	QPSK	100	0	23.01	23.13	23.18	23.10	23.11		
20	16QAM	1	0	23.07	23.05	23.10	23.01	23.08	24.4	0
20	16QAM	1	49	23.04	22.98	23.01	22.98	23.15		
20	16QAM	1	99	23.05	23.16	23.11	23.13	23.18		
20	16QAM	50	0	23.01	23.00	23.04	23.09	23.17	24.4	0
20	16QAM	50	24	23.05	23.14	23.02	23.02	22.98		
20	16QAM	50	50	23.00	22.97	23.16	23.06	23.11		
20	16QAM	100	0	23.16	23.13	23.19	23.06	23.16		
20	64QAM	1	0	23.14	23.15	23.07	23.04	22.98	24.4	0
20	64QAM	1	49	23.10	23.16	23.18	23.13	23.06		
20	64QAM	1	99	23.00	22.99	23.02	23.02	23.04		
20	64QAM	50	0	23.13	23.06	23.03	22.97	23.12	24.4	0
20	64QAM	50	24	22.99	23.07	23.16	23.04	23.04		
20	64QAM	50	50	23.02	23.01	23.13	22.96	23.17		
20	64QAM	100	0	23.03	22.98	23.06	23.18	23.16		
20	256QAM	1	0	22.21	22.06	22.19	22.19	22.22	23.4	1
20	256QAM	1	49	22.15	22.17	22.10	22.06	22.28		
20	256QAM	1	99	22.20	22.11	22.26	22.27	22.23		
20	256QAM	50	0	22.06	22.15	22.10	22.21	22.22	23.4	1
20	256QAM	50	24	22.27	22.05	22.26	22.10	22.17		
20	256QAM	50	50	22.10	22.26	22.19	22.19	22.14		
20	256QAM	100	0	22.18	22.05	22.11	22.24	22.29		
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	23.08	23.12	23.09	22.97	23.10	24	0
15	QPSK	1	37	23.03	22.78	22.94	22.98	23.02		
15	QPSK	1	74	23.08	22.88	23.08	23.05	23.03		
15	QPSK	36	0	22.97	22.97	23.06	23.06	22.97	24.4	0
15	QPSK	36	20	22.91	23.07	23.07	23.00	23.01		
15	QPSK	36	39	22.91	22.92	22.99	22.93	23.02		
15	QPSK	75	0	22.82	23.12	23.02	23.08	22.94		
15	16QAM	1	0	23.05	22.99	22.98	22.79	22.95	24.4	0
15	16QAM	1	37	22.97	22.96	22.88	22.90	23.04		
15	16QAM	1	74	23.01	23.03	23.02	23.04	23.05		
15	16QAM	36	0	22.96	23.01	23.02	22.96	23.14	24.4	0
15	16QAM	36	20	23.05	23.06	22.99	22.88	22.81		
15	16QAM	36	39	22.83	22.85	23.11	23.05	23.08		
15	16QAM	75	0	23.13	22.96	23.20	22.85	22.97		
15	64QAM	1	0	23.11	23.05	23.08	22.90	22.85	24.4	0
15	64QAM	1	37	22.97	23.14	23.00	23.13	22.88		
15	64QAM	1	74	22.94	22.82	22.91	23.02	22.85		
15	64QAM	36	0	23.04	22.98	22.85	22.76	22.92	24.4	0
15	64QAM	36	20	23.00	22.93	23.10	22.99	22.92		
15	64QAM	36	39	22.83	22.95	23.14	22.87	23.09		
15	64QAM	75	0	23.00	22.95	22.86	23.09	22.98		
15	256QAM	1	0	22.19	21.89	22.05	22.12	22.05	23.4	1
15	256QAM	1	37	22.05	22.18	22.03	22.01	22.17		
15	256QAM	1	74	22.09	22.13	22.27	22.20	22.03		
15	256QAM	36	0	22.06	22.14	22.04	22.14	22.22	23.4	1
15	256QAM	36	20	22.11	21.91	22.14	21.88	21.95		
15	256QAM	36	39	21.94	22.13	22.17	22.17	22.11		
15	256QAM	75	0	22.16	21.89	22.06	22.15	22.20		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.95	23.06	23.05	23.15	23.08	24	0
10	QPSK	1	25	23.03	22.93	22.96	23.04	22.94		
10	QPSK	1	49	23.09	22.75	23.07	23.17	23.11		
10	QPSK	25	0	22.77	22.90	23.12	22.92	23.15	24.4	0
10	QPSK	25	12	22.98	23.16	23.05	22.94	23.14		
10	QPSK	25	25	23.11	22.99	23.13	23.05	23.06		
10	QPSK	50	0	22.82	23.02	23.16	23.04	22.96		
10	16QAM	1	0	23.00	23.00	23.06	23.01	22.99	24.4	0
10	16QAM	1	25	22.97	22.95	22.84	22.89	23.07		
10	16QAM	1	49	22.95	22.98	22.95	23.10	23.19		
10	16QAM	25	0	22.83	23.00	22.87	23.06	23.12	24.4	0
10	16QAM	25	12	23.03	23.02	22.92	22.93	22.86		
10	16QAM	25	25	22.97	22.84	23.09	22.93	22.90		
10	16QAM	50	0	23.01	23.07	23.15	22.87	23.03		
10	64QAM	1	0	23.09	23.15	22.95

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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	20.07	20.16	20.04	21.2	0
20	QPSK	1	49	20.00	20.12	20.05		
20	QPSK	1	99	19.92	19.99	19.90		
20	QPSK	50	0	20.08	20.14	20.06	21.2	0
20	QPSK	50	24	19.97	20.07	19.95		
20	QPSK	50	50	20.05	20.08	20.02		
20	QPSK	100	0	20.06	20.13	20.04		
20	16QAM	1	0	19.99	20.07	20.00	21.2	0
20	16QAM	1	49	19.90	20.07	19.95		
20	16QAM	1	99	20.04	20.14	19.92		
20	16QAM	50	0	19.91	20.03	19.93	21.2	0
20	16QAM	50	24	20.03	20.10	19.90		
20	16QAM	50	50	19.89	20.09	19.89		
20	16QAM	100	0	19.86	19.95	19.92		
20	64QAM	1	0	20.05	20.02	20.04	21.2	0
20	64QAM	1	49	20.03	19.96	19.89		
20	64QAM	1	99	19.88	20.01	19.98		
20	64QAM	50	0	19.56	19.58	19.47	20.7	0.5
20	64QAM	50	24	19.49	19.59	19.55		
20	64QAM	50	50	19.46	19.66	19.50		
20	64QAM	100	0	19.63	19.68	19.66		
20	256QAM	1	0	18.66	18.75	18.45	19.7	1.5
20	256QAM	1	49	18.57	18.59	18.43		
20	256QAM	1	99	18.62	18.68	18.56		
20	256QAM	50	0	18.66	18.56	18.52	19.7	1.5
20	256QAM	50	24	18.51	18.78	18.53		
20	256QAM	50	50	18.56	18.66	18.66		
20	256QAM	100	0	18.45	18.70	18.54		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.02	19.97	19.94	21.2	0
15	QPSK	1	37	19.87	20.03	19.97		
15	QPSK	1	74	19.93	19.91	19.73		
15	QPSK	36	0	19.97	20.04	19.92	21.2	0
15	QPSK	36	20	19.79	19.89	19.95		
15	QPSK	36	39	19.90	19.93	19.88		
15	QPSK	75	0	19.94	19.98	19.87		
15	16QAM	1	0	19.85	20.02	19.95	21.2	0
15	16QAM	1	37	19.79	19.93	19.87		
15	16QAM	1	74	19.98	20.06	19.86		
15	16QAM	36	0	19.87	19.98	19.89	21.2	0
15	16QAM	36	20	20.00	20.12	19.80		
15	16QAM	36	39	19.80	19.99	19.83		
15	16QAM	75	0	19.71	19.89	19.92		
15	64QAM	1	0	20.04	20.00	20.06	21.2	0
15	64QAM	1	37	19.86	19.92	19.83		
15	64QAM	1	74	19.89	20.00	19.89		
15	64QAM	36	0	19.35	19.51	19.42	20.7	0.5
15	64QAM	36	20	19.42	19.50	19.56		
15	64QAM	36	39	19.25	19.66	19.42		
15	64QAM	75	0	19.42	19.69	19.53		
15	256QAM	1	0	18.56	18.58	18.29	19.7	1.5
15	256QAM	1	37	18.56	18.54	18.38		
15	256QAM	1	74	18.55	18.69	18.52		
15	256QAM	36	0	18.63	18.45	18.44	19.7	1.5
15	256QAM	36	20	18.33	18.72	18.43		
15	256QAM	36	39	18.45	18.60	18.55		
15	256QAM	75	0	18.31	18.52	18.53		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.97	20.04	19.93	21.2	0
10	QPSK	1	25	19.90	20.14	20.04		
10	QPSK	1	49	19.77	19.81	19.88		
10	QPSK	25	0	20.07	19.96	19.97	21.2	0
10	QPSK	25	12	19.76	19.91	19.81		
10	QPSK	25	25	19.85	20.07	19.87		
10	QPSK	50	0	20.03	20.04	19.98		
10	16QAM	1	0	19.78	20.02	19.97	21.2	0
10	16QAM	1	25	19.73	19.93	19.86		
10	16QAM	1	49	19.89	20.12	19.87		
10	16QAM	25	0	19.84	19.82	19.84	21.2	0
10	16QAM	25	12	19.94	20.06	19.79		
10	16QAM	25	25	19.70	19.96	19.83		
10	16QAM	50	0	19.70	19.81	19.83		
10	64QAM	1	0	19.87	19.85	19.94	21.2	0
10	64QAM	1	25	19.96	19.82	19.68		
10	64QAM	1	49	19.68	19.82	19.92		
10	64QAM	25	0	19.51	19.43	19.27	20.7	0.5
10	64QAM	25	12	19.47	19.51	19.54		
10	64QAM	25	25	19.47	19.65	19.48		
10	64QAM	50	0	19.56	19.64	19.50		
10	256QAM	1	0	18.52	18.57	18.42	19.7	1.5
10	256QAM	1	25	18.39	18.37	18.25		
10	256QAM	1	49	18.62	18.49	18.51		
10	256QAM	25	0	18.48	18.53	18.44	19.7	1.5
10	256QAM	25	12	18.46	18.72	18.53		
10	256QAM	25	25	18.47	18.54	18.59		
10	256QAM	50	0	18.25	18.55	18.48		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.06	19.99	20.02	21.2	0
5	QPSK	1	12	19.99	19.99	19.88		
5	QPSK	1	24	19.76	19.90	19.81		
5	QPSK	12	0	20.01	20.02	20.02	21.2	0
5	QPSK	12	7	19.89	20.02	19.73		
5	QPSK	12	13	20.00	19.95	19.94		
5	QPSK	25	0	20.05	20.01	20.05		
5	16QAM	1	0	19.95	19.95	19.79	21.2	0
5	16QAM	1	12	19.77	20.09	19.92		
5	16QAM	1	24	20.00	19.94	19.94		
5	16QAM	12	0	19.91	19.86	19.79	21.2	0
5	16QAM	12	7	19.84	20.09	19.92		
5	16QAM	12	13	19.69	20.10	19.76		
5	16QAM	25	0	19.84	19.90	19.84		
5	64QAM	1	0	19.92	19.93	19.83	21.2	0
5	64QAM	1	12	19.90	19.78	19.89		
5	64QAM	1	24	19.70	20.00	19.90		
5	64QAM	12	0	19.40	19.53	19.40	20.7	0.5
5	64QAM	12	7	19.46	19.45	19.37		
5	64QAM	12	13	19.31	19.49	19.31		
5	64QAM	25	0	19.43	19.47	19.64		
5	256QAM	1	0	18.54	18.59	18.35	19.7	1.5
5	256QAM	1	12	18.35	18.57	18.22		
5	256QAM	1	24	18.58	18.64	18.56		
5	256QAM	12	0	18.55	18.42	18.49	19.7	1.5
5	256QAM	12	7	18.34	18.73	18.49		
5	256QAM	12	13	18.38	18.61	18.48		
5	256QAM	25	0	18.35	18.54	18.46		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	19.01	19.12	19.00	20.8	0
20	QPSK	1	49	18.95	18.95	18.90		
20	QPSK	1	99	18.89	19.09	19.02		
20	QPSK	50	0	19.01	19.11	18.99	20.8	0
20	QPSK	50	24	18.85	19.10	18.90		
20	QPSK	50	50	18.80	19.08	18.97		
20	QPSK	100	0	18.92	19.08	18.91		
20	16QAM	1	0	18.97	19.04	18.97	20.8	0
20	16QAM	1	49	19.03	19.10	18.91		
20	16QAM	1	99	18.88	18.97	18.81		
20	16QAM	50	0	18.95	18.98	18.87	20.8	0
20	16QAM	50	24	18.99	19.10	19.01		
20	16QAM	50	50	18.87	19.06	18.84		
20	16QAM	100	0	18.83	19.07	18.82		
20	64QAM	1	0	18.90	19.03	18.92	20.8	0
20	64QAM	1	49	18.83	19.11	18.84		
20	64QAM	1	99	19.03	18.95	18.97		
20	64QAM	50	0	18.82	19.04	18.99	20.8	0
20	64QAM	50	24	18.97	18.98	18.88		
20	64QAM	50	50	18.97	19.00	18.85		
20	64QAM	100	0	18.91	18.96	18.80		
20	256QAM	1	0	18.03	18.16	18.04	19.8	1
20	256QAM	1	49	18.00	18.22	18.06		
20	256QAM	1	99	17.90	18.03	17.89		
20	256QAM	50	0	17.93	18.22	17.98	19.8	1
20	256QAM	50	24	18.11	18.00	17.99		
20	256QAM	50	50	18.08	18.16	18.01		
20	256QAM	100	0	18.06	18.05	17.91		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	18.91	18.91	18.89	20.8	0
15	QPSK	1	37	18.84	18.85	18.97		
15	QPSK	1	74	18.88	19.08	18.95		
15	QPSK	36	0	18.93	19.01	18.91	20.8	0
15	QPSK	36	20	18.89	19.05	18.90		
15	QPSK	36	39	18.81	19.11	18.90		
15	QPSK	75	0	18.99	19.03	19.02		
15	16QAM	1	0	18.93	18.96	18.96	20.8	0
15	16QAM	1	37	18.97	18.88	18.96		
15	16QAM	1	74	18.91	18.90	18.92		
15	16QAM	36	0	18.90	19.08	18.84	20.8	0
15	16QAM	36	20	19.10	19.01	19.09		
15	16QAM	36	39	19.02	19.03	18.93		
15	16QAM	75	0	18.83	18.85	18.89		
15	64QAM	1	0	18.92	19.00	18.97	20.8	0
15	64QAM	1	37	18.81	19.04	19.10		
15	64QAM	1	74	18.95	18.90	19.05		
15	64QAM	36	0	18.82	19.03	19.08	20.8	0
15	64QAM	36	20	19.05	19.02	18.88		
15	64QAM	36	39	18.97	18.89	18.91		
15	64QAM	75	0	18.91	18.98	18.85		
15	256QAM	1	0	17.93	18.16	17.98	19.8	1
15	256QAM	1	37	18.05	18.15	18.13		
15	256QAM	1	74	17.90	18.00	17.80		
15	256QAM	36	0	18.01	18.24	17.90	19.8	1
15	256QAM	36	20	18.05	18.08	17.90		
15	256QAM	36	39	18.15	18.23	17.92		
15	256QAM	75	0	18.15	18.00	17.88		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	18.90	18.80	19.00	20.8	0
10	QPSK	1	25	18.87	18.83	18.96		
10	QPSK	1	49	18.94	19.09	18.94		
10	QPSK	25	0	19.07	18.92	19.08	20.8	0
10	QPSK	25	12	18.89	19.11	18.87		
10	QPSK	25	25	18.86	19.01	18.96		
10	QPSK	50	0	18.90	18.86	18.88		
10	16QAM	1	0	18.93	18.93	18.96	20.8	0
10	16QAM	1	25	19.07	19.05	19.01		
10	16QAM	1	49	18.97	19.02	18.99		
10	16QAM	25	0	18.93	18.95	18.95	20.8	0
10	16QAM	25	12	19.01	18.84	18.98		
10	16QAM	25	25	18.85	19.02	18.88		
10	16QAM	50	0	18.85	18.99	18.95		
10	64QAM	1	0	18.80	18.94	18.83	20.8	0
10	64QAM	1	25	18.82	18.86	18.86		
10	64QAM	1	49	18.84	18.84	18.94		
10	64QAM	25	0	18.85	19.03	19.05	20.8	0
10	64QAM	25	12	18.92	18.97	18.94		
10	64QAM	25	25	18.98	18.98	18.81		
10	64QAM	50	0	18.99	19.01	18.80		
10	256QAM	1	0	18.01	18.12	18.12	19.8	1
10	256QAM	1	25	18.00	18.14	17.96		
10	256QAM	1	49	18.01	18.12	17.90		
10	256QAM	25	0	18.02	18.21	18.08	19.8	1
10	256QAM	25	12	18.07	18.11	18.08		
10	256QAM	25	25	18.18	18.05	17.89		
10	256QAM	50	0	18.16	18.00	17.99		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	19.09	19.10	18.89	20.8	0
5	QPSK	1	12	18.99	19.07	19.01		
5	QPSK	1	24	18.91	18.82	19.09		
5	QPSK	12	0	18.96	18.80	19.02	20.8	0
5	QPSK	12	7	18.93	18.96	18.92		
5	QPSK	12	13	18.86	18.91	19.06		
5	QPSK	25	0	18.98	18.80	18.90		
5	16QAM	1	0	19.05	18.99	18.93	20.8	0
5	16QAM	1	12	18.94	18.99	19.00		
5	16QAM	1	24	18.92	19.08	18.92		
5	16QAM	12	0	19.02	19.04	18.95	20.8	0
5	16QAM	12	7	19.00	19.00	19.00		
5	16QAM	12	13	18.94	19.04	18.91		
5	16QAM	25	0	18.85	19.09	18.91		
5	64QAM	1	0	18.82	18.99	19.00	20.8	0
5	64QAM	1	12	18.84	18.96	18.90		
5	64QAM	1	24	19.09	18.87	18.85		
5	64QAM	12	0	18.90	18.99	18.96	20.8	0
5	64QAM	12	7	19.03	19.05	18.82		
5	64QAM	12	13	18.93	18.95	18.86		
5	64QAM	25	0	19.01	18.98	18.85		
5	256QAM	1	0	17.95	18.05	18.09	19.8	1
5	256QAM	1	12	17.92	18.22	18.09		
5	256QAM	1	24	17.84	18.09	17.89		
5	256QAM	12	0	17.81	18.25	18.06	19.8	1
5	256QAM	12	7	18.07	17.92	17.95		
5	256QAM	12	13	18.04	18.27	18.07		
5	256QAM	25	0	18.05	18.01	17.80		

Band 48_FCC Ant3 DSI3

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	19.51	19.53	19.51	19.48	20.8	0
20	QPSK	1	49	19.51	19.36	19.50	19.49		
20	QPSK	1	99	19.49	19.34	19.39	19.28		
20	QPSK	50	0	19.49	19.52	19.42	19.39	20.8	0
20	QPSK	50	24	19.48	19.41	19.49	19.47		
20	QPSK	50	50	19.43	19.39	19.35	19.39		
20	QPSK	100	0	19.34	19.46	19.32	19.36		
20	16QAM	1	0	19.40	19.51	19.52	19.39	20.8	0
20	16QAM	1	49	19.49	19.43	19.48	19.35		
20	16QAM	1	99	19.40	19.39	19.39	19.36		
20	16QAM	50	0	19.46	19.35	19.37	19.32	20.8	0
20	16QAM	50	24	19.35	19.34	19.30	19.27		
20	16QAM	50	50	19.39	19.46	19.34	19.41		
20	16QAM	100	0	19.49	19.32	19.51	19.34		
20	64QAM	1	0	19.50	19.34	19.42	19.27	20.8	0
20	64QAM	1	49	19.41	19.39	19.40	19.40		
20	64QAM	1	99	19.34	19.46	19.33	19.44		
20	64QAM	50	0	19.49	19.36	19.40	19.41	20.8	0
20	64QAM	50	24	19.39	19.40	19.44	19.30		
20	64QAM	50	50	19.45	19.32	19.45	19.37		
20	64QAM	100	0	19.40	19.37	19.48	19.50		
20	256QAM	1	0	18.43	18.41	18.43	18.39	19.8	1
20	256QAM	1	49	18.51	18.49	18.61	18.38		
20	256QAM	1	99	18.61	18.41	18.47	18.43		
20	256QAM	50	0	18.55	18.41	18.60	18.38	19.8	1
20	256QAM	50	24	18.43	18.57	18.47	18.49		
20	256QAM	50	50	18.45	18.47	18.42	18.55		
20	256QAM	100	0	18.56	18.54	18.43	18.58		
Channel				55315	55820	56140	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.38	19.35	19.50	19.30	20.8	0
15	QPSK	1	37	19.50	19.23	19.32	19.29		
15	QPSK	1	74	19.44	19.26	19.20	19.12		
15	QPSK	36	0	19.49	19.36	19.36	19.39	20.8	0
15	QPSK	36	20	19.32	19.24	19.37	19.36		
15	QPSK	36	39	19.38	19.18	19.13	19.41		
15	QPSK	75	0	19.34	19.35	19.26	19.18		
15	16QAM	1	0	19.22	19.39	19.35	19.40	20.8	0
15	16QAM	1	37	19.46	19.23	19.41	19.24		
15	16QAM	1	74	19.29	19.35	19.30	19.19		
15	16QAM	36	0	19.40	19.15	19.16	19.25	20.8	0
15	16QAM	36	20	19.33	19.26	19.27	19.09		
15	16QAM	36	39	19.26	19.32	19.31	19.22		
15	16QAM	75	0	19.40	19.25	19.42	19.14		
15	64QAM	1	0	19.47	19.23	19.26	19.25	20.8	0
15	64QAM	1	37	19.31	19.22	19.25	19.39		
15	64QAM	1	74	19.27	19.47	19.20	19.38		
15	64QAM	36	0	19.45	19.25	19.41	19.23	20.8	0
15	64QAM	36	20	19.33	19.23	19.24	19.17		
15	64QAM	36	39	19.25	19.26	19.39	19.18		
15	64QAM	75	0	19.31	19.22	19.41	19.36		
15	256QAM	1	0	18.34	18.26	18.41	18.25	19.8	1
15	256QAM	1	37	18.34	18.47	18.42	18.29		
15	256QAM	1	74	18.59	18.25	18.43	18.35		
15	256QAM	36	0	18.50	18.38	18.39	18.32	19.8	1
15	256QAM	36	20	18.31	18.56	18.26	18.42		
15	256QAM	36	39	18.42	18.42	18.30	18.46		
15	256QAM	75	0	18.45	18.41	18.29	18.40		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.42	19.42	19.30	19.44	20.8	0
10	QPSK	1	25	19.44	19.22	19.37	19.31		
10	QPSK	1	49	19.50	19.13	19.41	19.14		
10	QPSK	25	0	19.38	19.44	19.34	19.31	20.8	0
10	QPSK	25	12	19.31	19.23	19.30	19.47		
10	QPSK	25	25	19.44	19.23	19.19	19.28		
10	QPSK	50	0	19.29	19.34	19.34	19.22		
10	16QAM	1	0	19.26	19.40	19.38	19.25	20.8	0
10	16QAM	1	25	19.44	19.44	19.36	19.21		
10	16QAM	1	49	19.35	19.27	19.19	19.16		
10	16QAM	25	0	19.27	19.28	19.34	19.16	20.8	0
10	16QAM	25	12	19.16	19.34	19.18	19.14		
10	16QAM	25	25	19.29	19.35	19.29	19.35		
10	16QAM	50	0	19.47	19.10	19.37	19.24		
10	64QAM	1	0	19.46	19.31	19.26	19.21	20.8	0
10	64QAM	1	25	19.40	19.37	19.39	19.38		
10	64QAM	1	49	19.19	19.37	19.28	19.34		
10	64QAM	25	0	19.41	19.23	19.34	19.22	20.8	0
10	64QAM	25	12	19.19	19.41	19.38	19.09		
10	64QAM	25	25	19.30	19.16	19.30	19.21		
10	64QAM	50	0	19.27	19.18	19.39	19.42		
10	256QAM	1	0	18.42	18.23	18.32	18.28	19.8	1
10	256QAM	1	25	18.32	18.42	18.63	18.36		
10	256QAM	1	49	18.55	18.34	18.26	18.27		
10	256QAM	25	0	18.48	18.37	18.39	18.28	19.8	1
10	256QAM	25	12	18.27	18.51	18.28	18.28		
10	256QAM	25	25	18.39	18.34	18.42	18.52		
10	256QAM	50	0	18.45	18.45	18.25	18.47		
Channel				55265	55810	56115	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.33	19.41	19.46	19.42	20.8	0
5	QPSK	1	12	19.34	19.17	19.34	19.38		
5	QPSK	1	24	19.46	19.18	19.23	19.25		
5	QPSK	12	0	19.31	19.49	19.29	19.27	20.8	0
5	QPSK	12	7	19.27	19.35	19.29	19.40		
5	QPSK	12	13	19.44	19.19	19.19	19.26		
5	QPSK	25	0	19.20	19.32	19.26	19.34		
5	16QAM	1	0	19.31	19.34	19.43	19.32	20.8	0
5	16QAM	1	12	19.42	19.38	19.30	19.25		
5	16QAM	1	24	19.40	19.32	19.31	19.15		
5	16QAM	12	0	19.25	19.16	19.27	19.33	20.8	0
5	16QAM	12	7	19.30	19.12	19.31	19.26		
5	16QAM	12	13	19.18	19.45	19.18	19.28		
5	16QAM	25	0	19.35	19.23	19.39	19.34		
5	64QAM	1	0	19.48	19.33	19.44	19.09	20.8	0
5	64QAM	1	12	19.36	19.34	19.30	19.37		
5	64QAM	1	24	19.12	19.41	19.18	19.24		
5	64QAM	12	0	19.39	19.17	19.36	19.42	20.8	0
5	64QAM	12	7	19.32	19.24	19.36	19.30		
5	64QAM	12	13	19.30	19.21	19.46	19.35		
5	64QAM	25	0	19.20	19.28	19.31	19.43		
5	256QAM	1	0	18.31	18.36	18.37	18.24	19.8	1
5	256QAM	1	12	18.31	18.31	18.46	18.22		
5	256QAM	1	24	18.42	18.19	18.43	18.43		
5	256QAM	12

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.42	23.46	23.13	24	0
20	QPSK	1	49	23.34	23.38	23.29		
20	QPSK	1	99	23.19	23.33	23.28		
20	QPSK	50	0	22.56	22.63	22.49	23	1
20	QPSK	50	24	22.47	22.57	22.50		
20	QPSK	50	50	22.39	22.52	22.42		
20	QPSK	100	0	22.40	22.52	22.40		
20	16QAM	1	0	22.44	22.50	22.46	23	1
20	16QAM	1	49	22.38	22.44	22.37		
20	16QAM	1	99	22.37	22.40	22.30		
20	16QAM	50	0	21.47	21.55	21.44	22	2
20	16QAM	50	24	21.35	21.47	21.33		
20	16QAM	50	50	21.42	21.51	21.37		
20	16QAM	100	0	21.39	21.45	21.41		
20	64QAM	1	0	21.59	21.62	21.56	22	2
20	64QAM	1	49	21.45	21.56	21.49		
20	64QAM	1	99	21.46	21.52	21.45		
20	64QAM	50	0	20.51	20.56	20.45	21	3
20	64QAM	50	24	20.33	20.47	20.37		
20	64QAM	50	50	20.49	20.52	20.48		
20	64QAM	100	0	20.31	20.44	20.40		
20	256QAM	1	0	20.18	20.28	20.15	21	3
20	256QAM	1	49	20.12	20.25	20.12		
20	256QAM	1	99	20.07	20.20	20.15		
20	256QAM	50	0	20.13	20.23	20.17	21	3
20	256QAM	50	24	20.05	20.13	19.98		
20	256QAM	50	50	20.11	20.19	20.07		
20	256QAM	100	0	20.07	20.19	20.13		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.39	23.43	23.07	24	0
15	QPSK	1	37	23.22	23.31	23.23		
15	QPSK	1	74	23.06	23.18	23.21		
15	QPSK	36	0	22.41	22.60	22.39	23	1
15	QPSK	36	20	22.39	22.49	22.36		
15	QPSK	36	39	22.30	22.38	22.33		
15	QPSK	75	0	22.28	22.42	22.27		
15	16QAM	1	0	22.40	22.42	22.41	23	1
15	16QAM	1	37	22.27	22.30	22.31		
15	16QAM	1	74	22.26	22.27	22.26		
15	16QAM	36	0	21.41	21.45	21.41	22	2
15	16QAM	36	20	21.28	21.43	21.24		
15	16QAM	36	39	21.35	21.44	21.30		
15	16QAM	75	0	21.35	21.34	21.33		
15	64QAM	1	0	21.55	21.55	21.45	22	2
15	64QAM	1	37	21.41	21.44	21.42		
15	64QAM	1	74	21.38	21.43	21.42		
15	64QAM	36	0	20.46	20.42	20.32	21	3
15	64QAM	36	20	20.20	20.35	20.29		
15	64QAM	36	39	20.36	20.44	20.43		
15	64QAM	75	0	20.25	20.30	20.37		
15	256QAM	1	0	20.12	20.22	20.05	21	3
15	256QAM	1	37	20.06	20.17	20.03		
15	256QAM	1	74	20.00	20.16	20.10		
15	256QAM	36	0	19.99	20.13	20.13	21	3
15	256QAM	36	20	20.01	20.10	19.94		
15	256QAM	36	39	20.03	20.06	20.02		
15	256QAM	75	0	19.99	20.14	20.03		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.34	23.37	23.01	24	0
10	QPSK	1	25	23.28	23.29	23.22		
10	QPSK	1	49	23.14	23.23	23.25		
10	QPSK	25	0	22.42	22.56	22.43	23	1
10	QPSK	25	12	22.35	22.42	22.44		
10	QPSK	25	25	22.24	22.45	22.28		
10	QPSK	50	0	22.27	22.47	22.33		
10	16QAM	1	0	22.30	22.47	22.35	23	1
10	16QAM	1	25	22.26	22.38	22.30		
10	16QAM	1	49	22.33	22.35	22.27		
10	16QAM	25	0	21.41	21.47	21.32	22	2
10	16QAM	25	12	21.21	21.33	21.28		
10	16QAM	25	25	21.36	21.41	21.26		
10	16QAM	50	0	21.27	21.34	21.30		
10	64QAM	1	0	21.53	21.51	21.46	22	2
10	64QAM	1	25	21.41	21.51	21.35		
10	64QAM	1	49	21.38	21.46	21.41		
10	64QAM	25	0	20.42	20.44	20.35	21	3
10	64QAM	25	12	20.29	20.40	20.33		
10	64QAM	25	25	20.45	20.49	20.35		
10	64QAM	50	0	20.17	20.37	20.32		
10	256QAM	1	0	20.04	20.24	20.04	21	3
10	256QAM	1	25	20.04	20.11	19.98		
10	256QAM	1	49	19.95	20.05	20.01		
10	256QAM	25	0	20.03	20.11	20.12	21	3
10	256QAM	25	12	19.98	20.00	19.84		
10	256QAM	25	25	20.04	20.09	20.04		
10	256QAM	50	0	20.01	20.08	20.10		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.29	23.32	22.99	24	0
5	QPSK	1	12	23.20	23.25	23.22		
5	QPSK	1	24	23.14	23.18	23.21		
5	QPSK	12	0	22.42	22.57	22.36	23	1
5	QPSK	12	7	22.37	22.49	22.47		
5	QPSK	12	13	22.34	22.39	22.35		
5	QPSK	25	0	22.33	22.44	22.26		
5	16QAM	1	0	22.40	22.41	22.38	23	1
5	16QAM	1	12	22.34	22.41	22.28		
5	16QAM	1	24	22.29	22.32	22.21		
5	16QAM	12	0	21.39	21.51	21.40	22	2
5	16QAM	12	7	21.20	21.39	21.29		
5	16QAM	12	13	21.39	21.41	21.30		
5	16QAM	25	0	21.27	21.40	21.38		
5	64QAM	1	0	21.53	21.56	21.45	22	2
5	64QAM	1	12	21.36	21.42	21.35		
5	64QAM	1	24	21.37	21.41	21.37		
5	64QAM	12	0	20.42	20.45	20.35	21	3
5	64QAM	12	7	20.30	20.35	20.34		
5	64QAM	12	13	20.43	20.46	20.40		
5	64QAM	25	0	20.27	20.31	20.30		
5	256QAM	1	0	20.05	20.14	20.06	21	3
5	256QAM	1	12	20.06	20.10	20.07		
5	256QAM	1	24	19.96	20.12	20.02		
5	256QAM	12	0	19.98	20.16	20.14	21	3
5	256QAM	12	7	19.94	20.02	19.94		
5	256QAM	12	13	19.98	20.14	20.00		
5	256QAM	25	0	19.92	20.04	20.04		

Band 43_FCC 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				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	23.06	23.26	23.08	24	0
20	QPSK	1	49	22.94	23.18	23.00		
20	QPSK	1	99	23.02	23.13	23.02		
20	QPSK	50	0	22.34	22.44	22.36	23	1
20	QPSK	50	24	22.30	22.38	22.25		
20	QPSK	50	50	22.24	22.33	22.28		
20	QPSK	100	0	22.34	22.43	22.35		
20	16QAM	1	0	21.93	22.07	22.00	23	1
20	16QAM	1	49	21.92	22.01	21.95		
20	16QAM	1	99	21.85	21.97	21.92		
20	16QAM	50	0	21.13	21.18	21.10	22	2
20	16QAM	50	24	21.07	21.10	21.06		
20	16QAM	50	50	21.05	21.14	21.08		
20	16QAM	100	0	21.04	21.08	21.02		
20	64QAM	1	0	21.06	21.20	21.08	22	2
20	64QAM	1	49	21.10	21.14	21.04		
20	64QAM	1	99	21.03	21.10	20.99		
20	64QAM	50	0	20.08	20.15	20.10	21	3
20	64QAM	50	24	19.95	20.06	19.93		
20	64QAM	50	50	19.98	20.11	20.07		
20	64QAM	100	0	19.99	20.03	19.89		
20	256QAM	1	0	19.64	19.71	19.68	21	3
20	256QAM	1	49	19.56	19.68	19.64		
20	256QAM	1	99	19.59	19.63	19.50		
20	256QAM	50	0	19.73	19.84	19.73	21	3
20	256QAM	50	24	19.67	19.74	19.67		
20	256QAM	50	50	19.72	19.80	19.72		
20	256QAM	100	0	19.74	19.82	19.75		
Channel				44165	.	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.95	23.20	22.95	24	0
15	QPSK	1	37	22.87	23.14	22.94		
15	QPSK	1	74	22.98	23.00	22.96		
15	QPSK	36	0	22.27	22.30	22.29	23	1
15	QPSK	36	20	22.22	22.27	22.18		
15	QPSK	36	39	22.09	22.24	22.18		
15	QPSK	75	0	22.24	22.36	22.27		
15	16QAM	1	0	21.83	21.94	21.86	23	1
15	16QAM	1	37	21.82	21.89	21.82		
15	16QAM	1	74	21.72	21.94	21.85		
15	16QAM	36	0	20.99	21.08	20.99	22	2
15	16QAM	36	20	20.94	21.07	21.00		
15	16QAM	36	39	20.98	21.05	21.01		
15	16QAM	75	0	20.89	20.94	20.91		
15	64QAM	1	0	21.03	21.12	21.05	22	2
15	64QAM	1	37	21.01	21.09	20.92		
15	64QAM	1	74	20.92	20.97	20.88		
15	64QAM	36	0	19.97	20.00	20.00	21	3
15	64QAM	36	20	19.85	19.93	19.84		
15	64QAM	36	39	19.93	19.97	20.04		
15	64QAM	75	0	19.85	19.99	19.83		
15	256QAM	1	0	19.52	19.65	19.57	21	3
15	256QAM	1	37	19.46	19.59	19.51		
15	256QAM	1	74	19.46	19.57	19.43		
15	256QAM	36	0	19.66	19.69	19.60	21	3
15	256QAM	36	20	19.53	19.66	19.53		
15	256QAM	36	39	19.66	19.67	19.57		
15	256QAM	75	0	19.61	19.71	19.60		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	23.02	23.17	23.00	24	0
10	QPSK	1	25	22.80	23.10	22.91		
10	QPSK	1	49	22.92	23.05	22.97		
10	QPSK	25	0	22.26	22.38	22.24	23	1
10	QPSK	25	12	22.16	22.24	22.16		
10	QPSK	25	25	22.16	22.29	22.20		
10	QPSK	50	0	22.28	22.29	22.29		
10	16QAM	1	0	21.85	22.03	21.87	23	1
10	16QAM	1	25	21.82	21.90	21.91		
10	16QAM	1	49	21.76	21.84	21.84		
10	16QAM	25	0	21.07	21.04	20.96	22	2
10	16QAM	25	12	21.01	21.03	20.96		
10	16QAM	25	25	20.95	21.08	20.99		
10	16QAM	50	0	20.99	21.03	20.91		
10	64QAM	1	0	20.93	21.17	21.00	22	2
10	64QAM	1	25	20.99	21.06	20.97		
10	64QAM	1	49	20.99	21.00	20.88		
10	64QAM	25	0	20.04	20.12	19.98	21	3
10	64QAM	25	12	19.89	20.02	19.90		
10	64QAM	25	25	19.95	19.98	20.00		
10	64QAM	50	0	19.87	19.93	19.80		
10	256QAM	1	0	19.60	19.65	19.64	21	3
10	256QAM	1	25	19.44	19.63	19.55		
10	256QAM	1	49	19.45	19.54	19.45		
10	256QAM	25	0	19.67	19.75	19.63	21	3
10	256QAM	25	12	19.58	19.61	19.56		
10	256QAM	25	25	19.65	19.68	19.67		
10	256QAM	50	0	19.67	19.72	19.62		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	23.00	23.14	23.04	24	0
5	QPSK	1	12	22.88	23.12	22.85		
5	QPSK	1	24	22.89	23.02	22.96		
5	QPSK	12	0	22.30	22.39	22.27	23	1
5	QPSK	12	7	22.25	22.29	22.22		
5	QPSK	12	13	22.18	22.24	22.20		
5	QPSK	25	0	22.29	22.32	22.28		
5	16QAM	1	0	21.83	21.96	21.86	23	1
5	16QAM	1	12	21.89	21.93	21.84		
5	16QAM	1	24	21.75	21.88	21.78		
5	16QAM	12	0	21.04	21.09	20.96	22	2
5	16QAM	12	7	20.96	20.95	20.93		
5	16QAM	12	13	20.98	21.02	20.94		
5	16QAM	25	0	20.99	20.98	20.90		
5	64QAM	1	0	20.92	21.17	21.03	22	2
5	64QAM	1	12	21.01	21.05	20.95		
5	64QAM	1	24	20.92	21.03	20.94		
5	64QAM	12	0	19.96	20.12	20.06	21	3
5	64QAM	12	7	19.89	19.92	19.86		
5	64QAM	12	13	19.94	20.01	19.94		
5	64QAM	25	0	19.95	19.90	19.82		
5	256QAM	1	0	19.53	19.64	19.57	21	3
5	256QAM	1	12	19.42	19.60	19.61		
5	256QAM	1	24	19.55	19.50	19.39		
5	256QAM	12	0	19.64	19.73	19.65	21	3
5	256QAM	12	7	19.60	19.69	19.64		
5	256QAM	12	13	19.63	19.73	19.60		
5	256QAM	25	0	19.59	19.77	19.71		

Band 48_FCC Ant5 DSI3

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	23.24	23.56	23.41	23.32	24	0
20	QPSK	1	49	23.17	23.48	23.38	23.32		
20	QPSK	1	99	23.15	23.43	23.35	23.21		
20	QPSK	50	0	22.22	22.52	22.37	22.33	23	1
20	QPSK	50	24	22.14	22.46	22.33	22.25		
20	QPSK	50	50	22.16	22.41	22.37	22.19		
20	QPSK	100	0	22.29	22.59	22.47	22.34		
20	16QAM	1	0	22.08	22.40	22.37	22.20	23	1
20	16QAM	1	49	22.10	22.34	22.24	22.11		
20	16QAM	1	99	21.99	22.30	22.15	22.13		
20	16QAM	50	0	21.29	21.59	21.45	21.37	22	2
20	16QAM	50	24	21.18	21.51	21.44	21.32		
20	16QAM	50	50	21.28	21.55	21.41	21.41		
20	16QAM	100	0	21.23	21.49	21.34	21.29		
20	64QAM	1	0	21.33	21.56	21.51	21.42	22	2
20	64QAM	1	49	21.20	21.50	21.46	21.36		
20	64QAM	1	99	21.15	21.46	21.41	21.27		
20	64QAM	50	0	20.26	20.54	20.45	20.33	21	3
20	64QAM	50	24	20.20	20.45	20.36	20.30		
20	64QAM	50	50	20.18	20.50	20.44	20.33		
20	64QAM	100	0	20.11	20.42	20.37	20.24		
20	256QAM	1	0	19.81	20.06	19.94	19.93	21	3
20	256QAM	1	49	19.79	20.03	19.95	19.83		
20	256QAM	1	99	19.67	19.98	19.89	19.85		
20	256QAM	50	0	20.00	20.26	20.14	20.06	21	3
20	256QAM	50	24	19.82	20.16	20.10	19.92		
20	256QAM	50	50	19.87	20.22	20.15	20.05		
20	256QAM	100	0	20.04	20.27	20.22	20.13		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.16	23.50	23.33	23.26	24	0
15	QPSK	1	37	23.11	23.36	23.27	23.21		
15	QPSK	1	74	23.02	23.30	23.29	23.13		
15	QPSK	36	0	22.16	22.46	22.29	22.22	23	1
15	QPSK	36	20	21.99	22.34	22.19	22.20		
15	QPSK	36	39	22.10	22.36	22.27	22.08		
15	QPSK	75	0	22.20	22.54	22.43	22.31		
15	16QAM	1	0	21.96	22.30	22.34	22.06	23	1
15	16QAM	1	37	22.05	22.25	22.15	22.00		
15	16QAM	1	74	21.91	22.26	22.05	22.06		
15	16QAM	36	0	21.15	21.55	21.37	21.23	22	2
15	16QAM	36	20	21.08	21.43	21.37	21.25		
15	16QAM	36	39	21.24	21.50	21.35	21.35		
15	16QAM	75	0	21.09	21.35	21.22	21.22		
15	64QAM	1	0	21.26	21.50	21.48	21.29	22	2
15	64QAM	1	37	21.05	21.39	21.32	21.24		
15	64QAM	1	74	21.06	21.42	21.29	21.13		
15	64QAM	36	0	20.17	20.45	20.32	20.24	21	3
15	64QAM	36	20	20.06	20.39	20.31	20.18		
15	64QAM	36	39	20.08	20.44	20.34	20.18		
15	64QAM	75	0	20.01	20.30	20.23	20.10		
15	256QAM	1	0	19.72	20.01	19.86	19.79	21	3
15	256QAM	1	37	19.67	19.95	19.84	19.69		
15	256QAM	1	74	19.57	19.92	19.86	19.73		
15	256QAM	36	0	19.96	20.22	20.05	19.99	21	3
15	256QAM	36	20	19.89	20.09	19.99	19.78		
15	256QAM	36	39	19.83	20.17	20.07	19.94		
15	256QAM	75	0	19.91	20.22	20.09	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	23.20	23.50	23.28	23.28	24	0
10	QPSK	1	25	23.09	23.33	23.25	23.22		
10	QPSK	1	49	23.09	23.29	23.26	23.09		
10	QPSK	25	0	22.12	22.41	22.24	22.24	23	1
10	QPSK	25	12	22.09	22.35	22.26	22.19		
10	QPSK	25	25	22.10	22.28	22.33	22.06		
10	QPSK	50	0	22.22	22.55	22.42	22.24		
10	16QAM	1	0	21.99	22.25	22.30	22.11	23	1
10	16QAM	1	25	21.98	22.25	22.21	22.07		
10	16QAM	1	49	21.90	22.16	22.02	21.98		
10	16QAM	25	0	21.26	21.54	21.36	21.28	22	2
10	16QAM	25	12	21.11	21.38	21.32	21.18		
10	16QAM	25	25	21.21	21.40	21.28	21.30		
10	16QAM	50	0	21.17	21.36	21.20	21.26		
10	64QAM	1	0	21.22	21.51	21.43	21.34	22	2
10	64QAM	1	25	21.16	21.41	21.33	21.29		
10	64QAM	1	49	21.07	21.40	21.28	21.23		
10	64QAM	25	0	20.20	20.41	20.39	20.23	21	3
10	64QAM	25	12	20.05	20.32	20.28	20.24		
10	64QAM	25	25	20.07	20.42	20.36	20.22		
10	64QAM	50	0	20.01	20.38	20.22	20.10		
10	256QAM	1	0	19.75	19.95	19.81	19.82	21	3
10	256QAM	1	25	19.67	19.93	19.80	19.78		
10	256QAM	1	49	19.54	19.88	19.75	19.73		
10	256QAM	25	0	19.97	20.15	20.09	19.92	21	3
10	256QAM	25	12	19.74	20.10	19.97	19.85		
10	256QAM	25	25	19.75	20.09	20.09	19.92		
10	256QAM	50	0	20.00	20.18	20.12	20.07		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.11	23.44	23.32	23.19	24	0
5	QPSK	1	12	23.08	23.42	23.28	23.23		
5	QPSK	1	24	23.10	23.31	23.28	23.07		
5	QPSK	12	0	22.15	22.42	22.26	22.27	23	1
5	QPSK	12	7	22.09	22.32	22.25	22.13		
5	QPSK	12	13	22.12	22.30	22.25	22.05		
5	QPSK	25	0	22.23	22.54	22.40	22.26		
5	16QAM	1	0	21.97	22.32	22.28	22.13	23	1
5	16QAM	1	12	22.02	22.23	22.19	21.98		
5	16QAM	1	24	21.86	22.15	22.01	22.02		
5	16QAM	12	0	21.20	21.47	21.40	21.25	22	2
5	16QAM	12	7	21.09	21.46	21.34	21.21		
5	16QAM	12	13	21.18	21.46	21.35	21.33		
5	16QAM	25	0	21.10	21.40	21.29	21.18		
5	64QAM	1	0	21.23	21.46	21.37	21.37	22	2
5	64QAM	1	12	21.12	21.37	21.31	21.24		
5	64QAM	1	24	21.01	21.33	21.37	21.14		
5	64QAM	12	0	20.21	20.41	20.39	20.20	21	3
5	64QAM	12	7	20.09	20.39	20.33	20.19		
5	64QAM	12	13	20.04	20.39	20.39	20.25		
5	64QAM	25	0	19.99	20.30	20.31	20.09		
5	256QAM	1	0	19.77	19.96	19.88	19.80	21	3
5	256QAM	1	12	19.68	19.97	19.84	19.71		
5	256QAM	1	24	19.54	19.88	19.78	19.73		
5	256QAM	12	0	19.90	20.19	20.10	20.00	21	3
5	256QAM	12	7	19.72	20.13	19.98	19.80		
5	256QAM	12	13	19.75	20.11	20.09	19.96		
5	256QAM	25	0	19.93	20.15	20.08	20.09		

Reduced Power Mode for Main PA DSI5 Simultaneous

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	32.79	32.82	32.74	33.50	23.79	23.82	23.74	24.50
GPRS 1 Tx slot	32.81	32.86	32.78	33.50	23.81	23.85	23.78	24.50
GPRS 2 Tx slots	29.40	29.52	29.37	30.50	23.40	23.52	23.37	24.50
GPRS 3 Tx slots	28.12	28.15	28.17	30.00	23.86	23.89	23.91	25.74
GPRS 4 Tx slots	26.37	26.50	26.37	27.50	23.37	23.50	23.37	24.50
EDGE 1 Tx slot	25.38	25.44	25.28	26.50	16.38	16.44	16.28	17.50
EDGE 2 Tx slots	23.57	23.78	23.64	25.00	17.57	17.78	17.64	19.00
EDGE 3 Tx slots	22.46	22.59	22.53	23.50	18.20	18.33	18.27	19.24
EDGE 4 Tx slots	20.49	20.61	20.41	21.50	17.49	17.61	17.41	18.50

GSM1900 Ant0 DSI3

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	26.66	26.74	26.45	27.90	17.66	17.74	17.45	18.90
GPRS 1 Tx slot	26.71	26.81	26.60	27.90	17.71	17.81	17.60	18.90
GPRS 2 Tx slots	24.07	24.30	24.24	25.40	18.07	18.30	18.24	19.40
GPRS 3 Tx slots	22.28	22.36	22.11	23.90	18.02	18.10	17.85	19.04
GPRS 4 Tx slots	20.34	20.44	20.45	21.90	17.34	17.44	17.45	18.90
EDGE 1 Tx slot	25.03	25.05	24.87	26.00	16.03	16.05	15.87	17.00
EDGE 2 Tx slots	23.23	23.41	23.21	24.50	17.23	17.41	17.21	18.50
EDGE 3 Tx slots	22.27	22.28	22.07	23.50	18.01	18.02	17.81	19.24
EDGE 4 Tx slots	20.08	20.11	19.98	21.00	17.08	17.11	16.98	18.00

WCDMA II Ant0 DSI3 | WCDMA IV Ant0 DSI3 | WCDMA V Ant0 DSI3

Band		WCDMA II			Tune-up Limit	WCDMA IV			Tune-up Limit	WCDMA V			Tune-up Limit
TX Channel		9262	9400	9538	(dBm)	1312	1413	1513	(dBm)	4132	4182	4233	(dBm)
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	17.01	17.03	16.86	18.40	17.04	17.10	16.98	18.70	22.04	22.14	22.30	23.30
3GPP Rel 99	RMC 12.2Kbps	17.11	17.23	17.13	18.40	16.98	17.14	17.10	18.70	22.24	22.50	22.40	23.30
3GPP Rel 6	HSDPA Subtest-1	16.10	16.17	16.01	17.40	16.11	16.31	15.98	17.70	21.26	21.24	21.40	22.30
3GPP Rel 6	HSDPA Subtest-2	15.93	16.07	16.15	17.40	16.10	16.29	15.93	17.70	21.35	21.37	21.44	22.30
3GPP Rel 6	HSDPA Subtest-3	15.70	15.84	15.63	16.90	15.54	15.63	15.51	17.20	20.81	21.04	21.00	21.80
3GPP Rel 6	HSDPA Subtest-4	15.76	15.66	15.57	16.90	15.48	15.72	15.56	17.20	20.64	20.91	20.90	21.80
3GPP Rel 8	DC-HSDPA Subtest-1	16.15	16.25	16.12	17.40	16.00	16.15	16.02	17.70	21.30	21.43	21.42	22.30
3GPP Rel 8	DC-HSDPA Subtest-2	16.07	16.28	16.11	17.40	16.11	16.34	15.98	17.70	21.44	21.42	21.45	22.30
3GPP Rel 8	DC-HSDPA Subtest-3	15.60	15.53	15.72	16.90	15.63	15.72	15.44	17.20	20.89	21.12	20.87	21.80
3GPP Rel 8	DC-HSDPA Subtest-4	15.54	15.72	15.41	16.90	15.59	15.67	15.56	17.20	21.02	20.92	20.80	21.80
3GPP Rel 6	HSUPA Subtest-1	16.00	16.09	16.02	17.40	15.88	16.11	16.02	17.70	21.35	21.58	21.32	22.30
3GPP Rel 6	HSUPA Subtest-2	14.20	14.23	14.24	15.40	13.97	14.10	13.93	15.70	19.33	19.56	19.19	20.30
3GPP Rel 6	HSUPA Subtest-3	15.04	15.01	14.92	16.40	14.89	15.19	14.98	16.70	20.39	20.45	20.42	21.30
3GPP Rel 6	HSUPA Subtest-4	14.13	14.13	14.03	15.40	14.27	14.23	13.97	15.70	19.26	19.28	19.31	20.30
3GPP Rel 6	HSUPA Subtest-5	16.25	16.19	16.08	17.40	15.96	16.35	16.06	17.70	21.34	21.52	21.36	22.30

Band 2 Ant0 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.66	18.71	18.48	19.9	0
20	QPSK	1	49	18.50	18.69	18.23		
20	QPSK	1	99	18.63	18.67	18.40		
20	QPSK	50	0	18.54	18.69	18.53	19.9	0
20	QPSK	50	24	18.61	18.60	18.40		
20	QPSK	50	50	18.56	18.53	18.57		
20	QPSK	100	0	18.44	18.58	18.43		
20	16QAM	1	0	18.48	18.59	18.39	19.9	0
20	16QAM	1	49	18.39	18.52	18.39		
20	16QAM	1	99	18.52	18.65	18.22		
20	16QAM	50	0	18.36	18.53	18.40	19.9	0
20	16QAM	50	24	18.49	18.49	18.24		
20	16QAM	50	50	18.43	18.50	18.56		
20	16QAM	100	0	18.41	18.51	18.41		
20	64QAM	1	0	18.54	18.52	18.39	19.9	0
20	64QAM	1	49	18.49	18.67	18.19		
20	64QAM	1	99	18.48	18.52	18.36		
20	64QAM	50	0	18.43	18.60	18.51	19.9	0
20	64QAM	50	24	18.50	18.46	18.29		
20	64QAM	50	50	18.39	18.37	18.42		
20	64QAM	100	0	18.25	18.48	18.25		
20	256QAM	1	0	16.23	16.39	16.41	17.9	2
20	256QAM	1	49	16.32	16.36	16.13		
20	256QAM	1	99	16.32	16.37	16.39		
20	256QAM	50	0	16.28	16.32	16.24	17.9	2
20	256QAM	50	24	16.21	16.32	16.26		
20	256QAM	50	50	16.29	16.40	16.48		
20	256QAM	100	0	16.10	16.39	16.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.58	18.67	18.46	19.9	0
15	QPSK	1	37	18.45	18.59	18.21		
15	QPSK	1	74	18.56	18.57	18.24		
15	QPSK	36	0	18.45	18.57	18.43	19.9	0
15	QPSK	36	20	18.49	18.53	18.33		
15	QPSK	36	39	18.51	18.38	18.49		
15	QPSK	75	0	18.33	18.52	18.28		
15	16QAM	1	0	18.40	18.49	18.30	19.9	0
15	16QAM	1	37	18.33	18.49	18.52		
15	16QAM	1	74	18.41	18.58	18.51		
15	16QAM	36	0	18.23	18.38	18.25	19.9	0
15	16QAM	36	20	18.42	18.37	18.16		
15	16QAM	36	39	18.37	18.48	18.54		
15	16QAM	75	0	18.30	18.49	18.24		
15	64QAM	1	0	18.41	18.45	18.24	19.9	0
15	64QAM	1	37	18.35	18.63	18.40		
15	64QAM	1	74	18.37	18.43	18.26		
15	64QAM	36	0	18.41	18.54	18.49	19.9	0
15	64QAM	36	20	18.34	18.37	18.28		
15	64QAM	36	39	18.22	18.24	18.30		
15	64QAM	75	0	18.08	18.30	18.19		
15	256QAM	1	0	16.20	16.29	16.37	17.9	2
15	256QAM	1	37	16.31	16.28	16.01		
15	256QAM	1	74	16.25	16.27	16.35		
15	256QAM	36	0	16.20	16.20	16.19	17.9	2
15	256QAM	36	20	16.10	16.30	16.23		
15	256QAM	36	39	16.25	16.35	16.31		
15	256QAM	75	0	16.07	16.29	15.93		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.58	18.70	18.30	19.9	0
10	QPSK	1	25	18.43	18.53	18.51		
10	QPSK	1	49	18.48	18.57	18.37		
10	QPSK	25	0	18.48	18.66	18.41	19.9	0
10	QPSK	25	12	18.54	18.51	18.29		
10	QPSK	25	25	18.55	18.50	18.46		
10	QPSK	50	0	18.42	18.51	18.41		
10	16QAM	1	0	18.42	18.56	18.29	19.9	0
10	16QAM	1	25	18.33	18.37	18.50		
10	16QAM	1	49	18.39	18.60	18.45		
10	16QAM	25	0	18.24	18.44	18.33	19.9	0
10	16QAM	25	12	18.33	18.38	18.09		
10	16QAM	25	25	18.40	18.48	18.45		
10	16QAM	50	0	18.28	18.44	18.32		
10	64QAM	1	0	18.43	18.39	18.26	19.9	0
10	64QAM	1	25	18.38	18.59	18.16		
10	64QAM	1	49	18.44	18.43	18.21		
10	64QAM	25	0	18.30	18.54	18.49	19.9	0
10	64QAM	25	12	18.35	18.44	18.27		
10	64QAM	25	25	18.24	18.28	18.40		
10	64QAM	50	0	18.15	18.41	18.22		
10	256QAM	1	0	16.13	16.35	16.25	17.9	2
10	256QAM	1	25	16.17	16.20	16.02		
10	256QAM	1	49	16.18	16.19	16.32		
10	256QAM	25	0	16.24	16.26	16.12	17.9	2
10	256QAM	25	12	16.20	16.29	16.15		
10	256QAM	25	25	16.19	16.28	16.44		
10	256QAM	50	0	16.08	16.30	15.91		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.65	18.60	18.47	19.9	0
5	QPSK	1	12	18.38	18.55	18.16		
5	QPSK	1	24	18.56	18.64	18.22		
5	QPSK	12	0	18.44	18.63	18.39	19.9	0
5	QPSK	12	7	18.50	18.45	18.23		
5	QPSK	12	13	18.40	18.47	18.50		
5	QPSK	25	0	18.26	18.42	18.34		
5	16QAM	1	0	18.35	18.53	18.30	19.9	0
5	16QAM	1	12	18.33	18.42	18.38		
5	16QAM	1	24	18.36	18.61	18.52		
5	16QAM	12	0	18.17	18.49	18.26	19.9	0
5	16QAM	12	7	18.31	18.45	18.22		
5	16QAM	12	13	18.38	18.46	18.50		
5	16QAM	25	0	18.38	18.42	18.22		
5	64QAM	1	0	18.44	18.48	18.34	19.9	0
5	64QAM	1	12	18.34	18.53	18.09		
5	64QAM	1	24	18.37	18.41	18.21		
5	64QAM	12	0	18.39	18.52	18.48	19.9	0
5	64QAM	12	7	18.44	18.43	18.12		
5	64QAM	12	13	18.27	18.35	18.24		
5	64QAM	25	0	18.17	18.31	18.23		
5	256QAM	1	0	16.11	16.26	16.23	17.9	2
5	256QAM	1	12	16.14	16.33	16.02		
5	256QAM	1	24	16.14	16.27	16.37		
5	256QAM	12	0	16.11	16.26	16.14	17.9	2
5	256QAM	12	7	16.11	16.29	16.10		
5	256QAM	12	13	16.24	16.25	16.43		
5	256QAM	25	0	15.98	16.35	16.05		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.58	18.57	18.32	19.9	0
3	QPSK	1	8	18.37	18.57	18.50		
3	QPSK	1	14	18.60	18.55	18.25		
3	QPSK	8	0	18.46	18.56	18.50	19.9	0
3	QPSK	8	4	18.59	18.52	18.33		
3	QPSK	8	7	18.37	18.42	18.48		
3	QPSK	15	0	18.39	18.46	18.27		
3	16QAM	1	0	18.32	18.45	18.38	19.9	0
3	16QAM	1	8	18.39	18.50	18.43		
3	16QAM	1	14	18.37	18.49	18.39		
3	16QAM	8	0	18.31	18.48	18.27	19.9	0
3	16QAM	8	4	18.34	18.47	18.20		
3	16QAM	8	7	18.39	18.44	18.50		
3	16QAM	15	0	18.23	18.39	18.23		
3	64QAM	1	0	18.53	18.34	18.22	19.9	0
3	64QAM	1	8	18.40	18.51	18.08		
3	64QAM	1	14	18.30	18.42	18.23		
3	64QAM	8	0	18.27	18.49	18.47	19.9	0
3	64QAM	8	4	18.40	18.37	18.13		
3	64QAM	8	7	18.23	18.21	18.40		
3	64QAM	15	0	18.22	18.39	18.19		
3	256QAM	1	0	16.18	16.35	16.38	17.9	2
3	256QAM	1	8	16.16	16.34	16.04		
3	256QAM	1	14	16.23	16.24	16.30		
3	256QAM	8	0	16.26	16.15	16.15	17.9	2
3	256QAM	8	4	16.10	16.15	16.15		
3	256QAM	8	7	16.14	16.30	16.34		
3	256QAM	15	0	15.98	16.35	16.00		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.53	18.69	18.38	19.9	0
1.4	QPSK	1	3	18.41	18.65	18.19		
1.4	QPSK	1	5	18.57	18.58	18.23		
1.4	QPSK	3	0	18.35	18.64	18.35		
1.4	QPSK	3	1	18.51	18.45	18.27		
1.4	QPSK	3	3	18.44	18.36	18.41		
1.4	QPSK	6	0	18.40	18.45	18.32	19.9	0
1.4	16QAM	1	0	18.31	18.45	18.21	19.9	0
1.4	16QAM	1	3	18.29	18.36	18.41		
1.4	16QAM	1	5	18.48	18.63	18.49		
1.4	16QAM	3	0	18.19	18.47	18.24		
1.4	16QAM	3	1	18.31	18.32	18.09		
1.4	16QAM	3	3	18.25	18.47	18.41		
1.4	16QAM	6	0	18.33	18.45	18.23	19.9	0
1.4	64QAM	1	0	18.39	18.45	18.24	19.9	0
1.4	64QAM	1	3	18.35	18.51	18.08		
1.4	64QAM	1	5	18.45	18.41	18.30		
1.4	64QAM	3	0	18.37	18.43	18.35		
1.4	64QAM	3	1	18.34	18.44	18.11		
1.4	64QAM	3	3	18.23	18.33	18.31		
1.4	64QAM	6	0	18.13	18.41	18.22	19.9	0
1.4	256QAM	1	0	16.12	16.36	16.23	17.9	2
1.4	256QAM	1	3	16.19	16.32	16.05		
1.4	256QAM	1	5	16.16	16.24	16.25		
1.4	256QAM	3	0	16.23	16.21	16.07		
1.4	256QAM	3	1	16.10	16.26	16.08		
1.4	256QAM	3	3	16.22	16.24	16.46		
1.4	256QAM	6	0	15.93	16.25	15.99	17.9	2

Band 4 Ant0 DSI5 Simultaneous

BW [MHz]	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	15.83	15.91	15.73	17	0
20	QPSK	1	49	15.76	15.74	15.64		
20	QPSK	1	99	15.79	15.78	15.52		
20	QPSK	50	0	15.73	15.88	15.67	17	0
20	QPSK	50	24	15.68	15.54	15.39		
20	QPSK	50	50	15.70	15.61	15.58		
20	QPSK	100	0	15.51	15.83	15.60		
20	16QAM	1	0	15.43	15.43	15.45	17	0
20	16QAM	1	49	15.70	15.55	15.58		
20	16QAM	1	99	15.62	15.72	15.53		
20	16QAM	50	0	15.75	15.61	15.45	17	0
20	16QAM	50	24	15.73	15.70	15.36		
20	16QAM	50	50	15.81	15.79	15.44		
20	16QAM	100	0	15.60	15.59	15.35		
20	64QAM	1	0	15.76	15.67	15.48	17	0
20	64QAM	1	49	15.70	15.80	15.32		
20	64QAM	1	99	15.58	15.56	15.38		
20	64QAM	50	0	15.77	15.71	15.49	17	0
20	64QAM	50	24	15.79	15.72	15.49		
20	64QAM	50	50	15.67	15.69	15.58		
20	64QAM	100	0	15.51	15.56	15.64		
20	256QAM	1	0	15.76	15.59	15.44	17	0
20	256QAM	1	49	15.56	15.40	15.38		
20	256QAM	1	99	15.56	15.66	15.37		
20	256QAM	50	0	15.64	15.54	15.51	17	0
20	256QAM	50	24	15.85	15.52	15.63		
20	256QAM	50	50	15.63	15.66	15.50		
20	256QAM	100	0	15.73	15.73	15.44		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.68	15.69	15.42	17	0
15	QPSK	1	37	15.54	15.64	15.43		
15	QPSK	1	74	15.59	15.70	15.22		
15	QPSK	36	0	15.59	15.63	15.55	17	0
15	QPSK	36	20	15.59	15.44	15.25		
15	QPSK	36	39	15.61	15.38	15.35		
15	QPSK	75	0	15.38	15.63	15.45		
15	16QAM	1	0	15.18	15.11	15.25	17	0
15	16QAM	1	37	15.49	15.37	15.50		
15	16QAM	1	74	15.52	15.44	15.27		
15	16QAM	36	0	15.58	15.46	15.36	17	0
15	16QAM	36	20	15.64	15.54	15.16		
15	16QAM	36	39	15.66	15.57	15.36		
15	16QAM	75	0	15.35	15.39	15.14		
15	64QAM	1	0	15.52	15.47	15.30	17	0
15	64QAM	1	37	15.58	15.51	15.13		
15	64QAM	1	74	15.49	15.37	15.14		
15	64QAM	36	0	15.53	15.42	15.29	17	0
15	64QAM	36	20	15.55	15.49	15.26		
15	64QAM	36	39	15.43	15.58	15.31		
15	64QAM	75	0	15.40	15.40	15.35		
15	256QAM	1	0	15.44	15.41	15.24	17	0
15	256QAM	1	37	15.26	15.30	15.10		
15	256QAM	1	74	15.41	15.55	15.08		
15	256QAM	36	0	15.56	15.41	15.30	17	0
15	256QAM	36	20	15.73	15.38	15.48		
15	256QAM	36	39	15.51	15.46	15.31		
15	256QAM	75	0	15.53	15.53	15.32		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.52	15.60	15.55	17	0
10	QPSK	1	25	15.52	15.54	15.39		
10	QPSK	1	49	15.59	15.52	15.21		
10	QPSK	25	0	15.42	15.60	15.48	17	0
10	QPSK	25	12	15.38	15.41	15.17		
10	QPSK	25	25	15.51	15.46	15.45		
10	QPSK	50	0	15.33	15.75	15.36		
10	16QAM	1	0	15.28	15.23	15.17	17	0
10	16QAM	1	25	15.56	15.34	15.43		
10	16QAM	1	49	15.50	15.63	15.25		
10	16QAM	25	0	15.45	15.36	15.36	17	0
10	16QAM	25	12	15.57	15.56	15.16		
10	16QAM	25	25	15.52	15.64	15.16		
10	16QAM	50	0	15.43	15.41	15.03		
10	64QAM	1	0	15.60	15.43	15.18	17	0
10	64QAM	1	25	15.57	15.64	15.27		
10	64QAM	1	49	15.49	15.39	15.28		
10	64QAM	25	0	15.55	15.52	15.21	17	0
10	64QAM	25	12	15.49	15.42	15.39		
10	64QAM	25	25	15.58	15.37	15.26		
10	64QAM	50	0	15.39	15.38	15.33		
10	256QAM	1	0	15.48	15.37	15.17	17	0
10	256QAM	1	25	15.30	15.16	15.16		
10	256QAM	1	49	15.40	15.44	15.12		
10	256QAM	25	0	15.35	15.44	15.42	17	0
10	256QAM	25	12	15.75	15.41	15.38		
10	256QAM	25	25	15.45	15.56	15.37		
10	256QAM	50	0	15.42	15.41	15.31		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.64	15.64	15.49	17	0
5	QPSK	1	12	15.57	15.49	15.47		
5	QPSK	1	24	15.65	15.60	15.33		
5	QPSK	12	0	15.51	15.61	15.57	17	0
5	QPSK	12	7	15.50	15.32	15.11		
5	QPSK	12	13	15.50	15.32	15.35		
5	QPSK	25	0	15.26	15.55	15.31		
5	16QAM	1	0	15.19	15.33	15.25	17	0
5	16QAM	1	12	15.44	15.38	15.31		
5	16QAM	1	24	15.37	15.48	15.42		
5	16QAM	12	0	15.63	15.38	15.18	17	0
5	16QAM	12	7	15.63	15.39	15.25		
5	16QAM	12	13	15.68	15.49	15.36		
5	16QAM	25	0	15.36	15.45	15.04		
5	64QAM	1	0	15.49	15.54	15.37	17	0
5	64QAM	1	12	15.45	15.50	15.19		
5	64QAM	1	24	15.48	15.37	15.27		
5	64QAM	12	0	15.64	15.54	15.34	17	0
5	64QAM	12	7	15.61	15.49	15.25		
5	64QAM	12	13	15.47	15.57	15.46		
5	64QAM	25	0	15.31	15.36	15.41		
5	256QAM	1	0	15.52	15.40	15.22	17	0
5	256QAM	1	12	15.32	15.09	15.27		
5	256QAM	1	24	15.41	15.53	15.26		
5	256QAM	12	0	15.45	15.39	15.33	17	0
5	256QAM	12	7	15.69	15.43	15.53		
5	256QAM	12	13	15.54	15.38	15.39		
5	256QAM	25	0	15.53	15.61	15.15		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.53	15.66	15.57	17	0
3	QPSK	1	8	15.62	15.66	15.34		
3	QPSK	1	14	15.67	15.59	15.30		
3	QPSK	8	0	15.65	15.62	15.37	17	0
3	QPSK	8	4	15.55	15.31	15.32		
3	QPSK	8	7	15.57	15.36	15.29		
3	QPSK	15	0	15.23	15.56	15.29		
3	16QAM	1	0	15.21	15.12	15.21	17	0
3	16QAM	1	8	15.62	15.46	15.28		
3	16QAM	1	14	15.46	15.44	15.25		
3	16QAM	8	0	15.66	15.37	15.33	17	0
3	16QAM	8	4	15.49	15.44	15.22		
3	16QAM	8	7	15.53	15.62	15.21		
3	16QAM	15	0	15.41	15.37	15.09		
3	64QAM	1	0	15.47	15.38	15.23	17	0
3	64QAM	1	8	15.52	15.58	15.18		
3	64QAM	1	14	15.33	15.41	15.08		
3	64QAM	8	0	15.53	15.52	15.18	17	0
3	64QAM	8	4	15.63	15.43	15.36		
3	64QAM	8	7	15.45	15.59	15.42		
3	64QAM	15	0	15.33	15.37	15.46		
3	256QAM	1	0	15.55	15.51	15.23	17	0
3	256QAM	1	8	15.31	15.10	15.20		
3	256QAM	1	14	15.46	15.39	15.15		
3	256QAM	8	0	15.48	15.32	15.22	17	0
3	256QAM	8	4	15.66	15.26	15.47		
3	256QAM	8	7	15.33	15.54	15.24		
3	256QAM	15	0	15.57	15.46	15.19		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.64	15.73	15.61	17	0
1.4	QPSK	1	3	15.60	15.47	15.55		
1.4	QPSK	1	5	15.62	15.69	15.24		
1.4	QPSK	3	0	15.63	15.67	15.36		
1.4	QPSK	3	1	15.40	15.42	15.19		
1.4	QPSK	3	3	15.44	15.51	15.34		
1.4	QPSK	6	0	15.26	15.52	15.29	17	0
1.4	16QAM	1	0	15.19	15.28	15.18	17	0
1.4	16QAM	1	3	15.55	15.27	15.45		
1.4	16QAM	1	5	15.33	15.57	15.30		
1.4	16QAM	3	0	15.61	15.42	15.32		
1.4	16QAM	3	1	15.53	15.60	15.35		
1.4	16QAM	3	3	15.59	15.67	15.28		
1.4	16QAM	6	0	15.42	15.27	15.08	17	0
1.4	64QAM	1	0	15.48	15.40	15.29	17	0
1.4	64QAM	1	3	15.61	15.59	15.15		
1.4	64QAM	1	5	15.38	15.39	15.17		
1.4	64QAM	3	0	15.63	15.39	15.17		
1.4	64QAM	3	1	15.52	15.55	15.41		
1.4	64QAM	3	3	15.42	15.52	15.46		
1.4	64QAM	6	0	15.25	15.31	15.38	17	0
1.4	256QAM	1	0	15.57	15.28	15.27	17	0
1.4	256QAM	1	3	15.40	15.09	15.17		
1.4	256QAM	1	5	15.46	15.53	15.28		
1.4	256QAM	3	0	15.48	15.31	15.28		
1.4	256QAM	3	1	15.61	15.43	15.52		
1.4	256QAM	3	3	15.39	15.36	15.35		
1.4	256QAM	6	0	15.64	15.63	15.25	17	0

Band 5 Ant0 DSI5 Simultaneous

BW [MHz]	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	21.44	21.57	21.39	22.3	0
10	QPSK	1	25	21.42	21.36	21.23		
10	QPSK	1	49	21.33	21.39	21.46		
10	QPSK	25	0	21.38	21.49	21.38	22.3	0
10	QPSK	25	12	21.22	21.13	21.18		
10	QPSK	25	25	21.45	21.28	21.31		
10	QPSK	50	0	21.17	21.41	21.28		
10	16QAM	1	0	21.31	21.41	21.23	22.3	0
10	16QAM	1	25	21.37	21.29	21.11		
10	16QAM	1	49	21.29	21.38	21.29		
10	16QAM	25	0	21.30	21.42	21.37	22.3	0
10	16QAM	25	12	21.26	21.31	21.15		
10	16QAM	25	25	21.25	21.34	21.33		
10	16QAM	50	0	21.29	21.44	21.19		
10	64QAM	1	0	21.07	21.08	21.15	22.3	0
10	64QAM	1	25	21.41	21.19	21.27		
10	64QAM	1	49	21.08	21.29	21.10		
10	64QAM	25	0	20.58	20.41	20.51	21.3	1
10	64QAM	25	12	20.38	20.36	20.40		
10	64QAM	25	25	20.25	20.25	20.37		
10	64QAM	50	0	20.40	20.35	20.40		
10	256QAM	1	0	18.56	18.57	18.29	19.3	3
10	256QAM	1	25	18.39	18.22	18.48		
10	256QAM	1	49	18.63	18.33	18.60		
10	256QAM	25	0	18.40	18.52	18.39	19.3	3
10	256QAM	25	12	18.51	18.42	18.35		
10	256QAM	25	25	18.47	18.14	18.52		
10	256QAM	50	0	18.29	18.41	18.58		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.27	21.39	21.24	22.3	0
5	QPSK	1	12	21.26	21.28	21.05		
5	QPSK	1	24	21.15	21.33	21.30		
5	QPSK	12	0	21.33	21.34	21.37	22.3	0
5	QPSK	12	7	21.08	21.06	21.06		
5	QPSK	12	13	21.37	21.24	21.18		
5	QPSK	25	0	21.02	21.25	21.16		
5	16QAM	1	0	21.14	21.28	21.14	22.3	0
5	16QAM	1	12	21.20	21.20	21.08		
5	16QAM	1	24	21.19	21.22	21.11		
5	16QAM	12	0	21.18	21.38	21.22	22.3	0
5	16QAM	12	7	21.08	21.16	21.08		
5	16QAM	12	13	21.23	21.20	21.15		
5	16QAM	25	0	21.25	21.35	21.06		
5	64QAM	1	0	21.02	20.91	20.98	22.3	0
5	64QAM	1	12	21.26	21.12	21.10		
5	64QAM	1	24	20.97	21.23	20.99		
5	64QAM	12	0	20.50	20.24	20.35	21.3	1
5	64QAM	12	7	20.27	20.18	20.25		
5	64QAM	12	13	20.24	20.08	20.23		
5	64QAM	25	0	20.30	20.22	20.35		
5	256QAM	1	0	18.44	18.55	18.20	19.3	3
5	256QAM	1	12	18.20	18.07	18.45		
5	256QAM	1	24	18.51	18.17	18.45		
5	256QAM	12	0	18.22	18.41	18.33	19.3	3
5	256QAM	12	7	18.44	18.24	18.31		
5	256QAM	12	13	18.40	18.02	18.48		
5	256QAM	25	0	18.20	18.24	18.47		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.31	21.52	21.20	22.3	0
3	QPSK	1	8	21.39	21.32	21.19		
3	QPSK	1	14	21.31	21.34	21.32		
3	QPSK	8	0	21.23	21.42	21.26	22.3	0
3	QPSK	8	4	21.11	20.98	21.06		
3	QPSK	8	7	21.32	21.14	21.28		
3	QPSK	15	0	21.10	21.32	21.26		
3	16QAM	1	0	21.27	21.23	21.07	22.3	0
3	16QAM	1	8	21.35	21.15	21.06		
3	16QAM	1	14	21.20	21.30	21.24		
3	16QAM	8	0	21.24	21.26	21.25	22.3	0
3	16QAM	8	4	21.13	21.21	20.96		
3	16QAM	8	7	21.11	21.22	21.22		
3	16QAM	15	0	21.26	21.39	21.13		
3	64QAM	1	0	21.04	21.06	20.99	22.3	0
3	64QAM	1	8	21.28	21.07	21.23		
3	64QAM	1	14	21.03	21.14	21.02		
3	64QAM	8	0	20.55	20.24	20.48	21.3	1
3	64QAM	8	4	20.30	20.29	20.35		
3	64QAM	8	7	20.21	20.14	20.29		
3	64QAM	15	0	20.34	20.30	20.28		
3	256QAM	1	0	18.40	18.47	18.27	19.3	3
3	256QAM	1	8	18.38	18.14	18.45		
3	256QAM	1	14	18.54	18.29	18.47		
3	256QAM	8	0	18.30	18.42	18.33	19.3	3
3	256QAM	8	4	18.42	18.26	18.34		
3	256QAM	8	7	18.39	18.01	18.50		
3	256QAM	15	0	18.21	18.36	18.53		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.32	21.55	21.34	22.3	0
1.4	QPSK	1	3	21.24	21.21	21.20		
1.4	QPSK	1	5	21.26	21.25	21.44		
1.4	QPSK	3	0	21.36	21.37	21.22		
1.4	QPSK	3	1	21.04	21.11	21.05		
1.4	QPSK	3	3	21.27	21.10	21.27		
1.4	QPSK	6	0	21.09	21.32	21.10	22.3	0
1.4	16QAM	1	0	21.21	21.30	21.13	22.3	0
1.4	16QAM	1	3	21.26	21.21	21.05		
1.4	16QAM	1	5	21.22	21.35	21.16		
1.4	16QAM	3	0	21.24	21.39	21.34		
1.4	16QAM	3	1	21.07	21.13	21.04		
1.4	16QAM	3	3	21.09	21.21	21.26		
1.4	16QAM	6	0	21.12	21.38	21.05	22.3	0
1.4	64QAM	1	0	21.00	20.93	20.99	22.3	0
1.4	64QAM	1	3	21.31	21.05	21.10		
1.4	64QAM	1	5	21.04	21.28	21.05		
1.4	64QAM	3	0	20.56	20.37	20.44		
1.4	64QAM	3	1	20.53	20.52	20.46		
1.4	64QAM	3	3	20.41	20.42	20.30		
1.4	64QAM	6	0	20.25	20.22	20.35	21.3	1
1.4	256QAM	1	0	18.47	18.41	18.19	19.3	3
1.4	256QAM	1	3	18.31	18.13	18.44		
1.4	256QAM	1	5	18.46	18.30	18.53		
1.4	256QAM	3	0	18.27	18.42	18.34		
1.4	256QAM	3	1	18.49	18.39	18.31		
1.4	256QAM	3	3	18.33	18.03	18.42		
1.4	256QAM	6	0	18.27	18.34	18.56	19.3	3

Band 7 Ant0 DSI5 Simultaneous

BW [MHz]	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	15.95	16.17	16.04	17.3	0
20	QPSK	1	49	15.82	16.12	15.97		
20	QPSK	1	99	15.81	15.89	15.83		
20	QPSK	50	0	15.94	16.05	15.86	17.3	0
20	QPSK	50	24	15.67	15.93	16.00		
20	QPSK	50	50	15.77	15.82	15.60		
20	QPSK	100	0	15.76	15.98	15.85		
20	16QAM	1	0	15.88	15.87	16.06	17.3	0
20	16QAM	1	49	15.86	15.94	15.72		
20	16QAM	1	99	15.72	15.74	15.69		
20	16QAM	50	0	15.74	16.08	15.99	17.3	0
20	16QAM	50	24	15.73	15.83	15.81		
20	16QAM	50	50	15.64	15.68	15.97		
20	16QAM	100	0	15.85	15.80	15.82		
20	64QAM	1	0	15.87	15.89	15.82	17.3	0
20	64QAM	1	49	15.90	15.64	15.99		
20	64QAM	1	99	15.64	15.85	16.05		
20	64QAM	50	0	15.85	15.62	15.73	17.3	0
20	64QAM	50	24	15.76	15.82	15.79		
20	64QAM	50	50	15.74	16.08	16.00		
20	64QAM	100	0	15.68	15.71	15.64		
20	256QAM	1	0	15.84	15.95	15.80	17.3	0
20	256QAM	1	49	15.60	15.97	15.88		
20	256QAM	1	99	15.85	15.86	15.69		
20	256QAM	50	0	15.86	15.87	15.98	17.3	0
20	256QAM	50	24	15.78	16.02	15.88		
20	256QAM	50	50	15.60	15.68	15.75		
20	256QAM	100	0	15.80	15.91	15.79		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.77	16.05	15.81	17.3	0
15	QPSK	1	37	15.58	15.85	15.69		
15	QPSK	1	74	15.65	15.68	15.72		
15	QPSK	36	0	15.72	15.86	15.61	17.3	0
15	QPSK	36	20	15.51	15.74	15.85		
15	QPSK	36	39	15.64	15.60	15.47		
15	QPSK	75	0	15.56	15.74	15.58		
15	16QAM	1	0	15.63	15.74	15.77	17.3	0
15	16QAM	1	37	15.58	15.83	15.51		
15	16QAM	1	74	15.48	15.51	15.42		
15	16QAM	36	0	15.57	15.84	15.81	17.3	0
15	16QAM	36	20	15.57	15.66	15.69		
15	16QAM	36	39	15.53	15.41	15.78		
15	16QAM	75	0	15.56	15.62	15.61		
15	64QAM	1	0	15.74	15.64	15.63	17.3	0
15	64QAM	1	37	15.77	15.41	15.80		
15	64QAM	1	74	15.43	15.58	15.79		
15	64QAM	36	0	15.60	15.44	15.50	17.3	0
15	64QAM	36	20	15.58	15.58	15.61		
15	64QAM	36	39	15.60	15.94	15.76		
15	64QAM	75	0	15.55	15.45	15.50		
15	256QAM	1	0	15.61	15.73	15.53	17.3	0
15	256QAM	1	37	15.42	15.83	15.66		
15	256QAM	1	74	15.62	15.71	15.49		
15	256QAM	36	0	15.69	15.75	15.79	17.3	0
15	256QAM	36	20	15.58	15.76	15.63		
15	256QAM	36	39	15.47	15.43	15.62		
15	256QAM	75	0	15.61	15.71	15.65		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.81	15.97	15.79	17.3	0
10	QPSK	1	25	15.71	15.85	15.79		
10	QPSK	1	49	15.67	15.65	15.62		
10	QPSK	25	0	15.70	15.85	15.71	17.3	0
10	QPSK	25	12	15.49	15.81	15.83		
10	QPSK	25	25	15.60	15.66	15.44		
10	QPSK	50	0	15.48	15.84	15.62		
10	16QAM	1	0	15.75	15.59	15.77	17.3	0
10	16QAM	1	25	15.64	15.77	15.60		
10	16QAM	1	49	15.56	15.48	15.46		
10	16QAM	25	0	15.53	15.84	15.73	17.3	0
10	16QAM	25	12	15.60	15.65	15.55		
10	16QAM	25	25	15.47	15.47	15.68		
10	16QAM	50	0	15.66	15.64	15.69		
10	64QAM	1	0	15.66	15.72	15.57	17.3	0
10	64QAM	1	25	15.74	15.50	15.87		
10	64QAM	1	49	15.48	15.63	15.91		
10	64QAM	25	0	15.62	15.45	15.56	17.3	0
10	64QAM	25	12	15.54	15.68	15.55		
10	64QAM	25	25	15.47	15.83	15.87		
10	64QAM	50	0	15.43	15.57	15.52		
10	256QAM	1	0	15.72	15.74	15.66	17.3	0
10	256QAM	1	25	15.34	15.72	15.65		
10	256QAM	1	49	15.72	15.74	15.50		
10	256QAM	25	0	15.65	15.73	15.83	17.3	0
10	256QAM	25	12	15.52	15.76	15.65		
10	256QAM	25	25	15.34	15.54	15.55		
10	256QAM	50	0	15.59	15.67	15.60		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.75	15.95	15.80	17.3	0
5	QPSK	1	12	15.56	15.83	15.85		
5	QPSK	1	24	15.66	15.65	15.72		
5	QPSK	12	0	15.75	15.89	15.67	17.3	0
5	QPSK	12	7	15.56	15.71	15.84		
5	QPSK	12	13	15.63	15.57	15.39		
5	QPSK	25	0	15.57	15.73	15.62		
5	16QAM	1	0	15.60	15.64	15.85	17.3	0
5	16QAM	1	12	15.63	15.72	15.51		
5	16QAM	1	24	15.55	15.51	15.41		
5	16QAM	12	0	15.52	15.79	15.82	17.3	0
5	16QAM	12	7	15.59	15.56	15.65		
5	16QAM	12	13	15.48	15.44	15.86		
5	16QAM	25	0	15.60	15.62	15.55		
5	64QAM	1	0	15.59	15.69	15.67	17.3	0
5	64QAM	1	12	15.79	15.43	15.84		
5	64QAM	1	24	15.50	15.70	15.90		
5	64QAM	12	0	15.65	15.48	15.59	17.3	0
5	64QAM	12	7	15.62	15.55	15.51		
5	64QAM	12	13	15.58	15.90	15.72		
5	64QAM	25	0	15.55	15.58	15.39		
5	256QAM	1	0	15.61	15.80	15.63	17.3	0
5	256QAM	1	12	15.35	15.84	15.74		
5	256QAM	1	24	15.57	15.65	15.57		
5	256QAM	12	0	15.60	15.69	15.84	17.3	0
5	256QAM	12	7	15.50	15.90	15.62		
5	256QAM	12	13	15.47	15.45	15.51		
5	256QAM	25	0	15.54	15.73	15.60		

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	22.35	22.37	22.10	24	0
10	QPSK	1	25	22.17	22.21	22.19		
10	QPSK	1	49	22.06	22.33	22.14		
10	QPSK	25	0	22.06	22.26	22.11	24	0
10	QPSK	25	12	22.16	22.18	22.15		
10	QPSK	25	25	22.11	22.03	22.16		
10	QPSK	50	0	22.02	22.17	22.06		
10	16QAM	1	0	22.07	22.12	22.05	24	0
10	16QAM	1	25	22.05	22.22	22.24		
10	16QAM	1	49	22.15	22.07	22.05		
10	16QAM	25	0	21.42	21.32	21.42	23	1
10	16QAM	25	12	21.46	21.33	21.10		
10	16QAM	25	25	21.27	21.57	21.18		
10	16QAM	50	0	21.43	21.58	21.28		
10	64QAM	1	0	21.45	21.18	21.34	23	1
10	64QAM	1	25	21.46	21.17	21.12		
10	64QAM	1	49	21.09	21.42	21.39		
10	64QAM	25	0	20.54	20.30	20.51	22	2
10	64QAM	25	12	20.20	20.46	20.23		
10	64QAM	25	25	20.32	20.29	20.20		
10	64QAM	50	0	20.28	20.39	20.41		
10	256QAM	1	0	18.45	18.47	18.03	20	4
10	256QAM	1	25	18.21	18.11	18.18		
10	256QAM	1	49	18.32	18.10	18.32		
10	256QAM	25	0	18.32	18.53	18.20	20	4
10	256QAM	25	12	18.44	18.18	18.20		
10	256QAM	25	25	18.33	18.20	18.42		
10	256QAM	50	0	18.12	18.41	18.37		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.18	22.25	22.17	24	0
5	QPSK	1	12	22.18	22.24	22.26		
5	QPSK	1	24	22.05	22.28	22.23		
5	QPSK	12	0	22.00	22.29	22.19	24	0
5	QPSK	12	7	22.21	22.04	22.28		
5	QPSK	12	13	22.13	22.09	22.26		
5	QPSK	25	0	22.03	22.12	22.21		
5	16QAM	1	0	22.06	22.18	22.02	24	0
5	16QAM	1	12	22.00	22.21	22.36		
5	16QAM	1	24	22.10	22.05	22.00		
5	16QAM	12	0	21.39	21.36	21.40	23	1
5	16QAM	12	7	21.44	21.41	21.27		
5	16QAM	12	13	21.19	21.64	21.33		
5	16QAM	25	0	21.54	21.54	21.33		
5	64QAM	1	0	21.42	21.27	21.43	23	1
5	64QAM	1	12	21.36	21.27	21.29		
5	64QAM	1	24	21.11	21.33	21.43		
5	64QAM	12	0	20.40	20.39	20.45	22	2
5	64QAM	12	7	20.29	20.47	20.27		
5	64QAM	12	13	20.19	20.28	20.13		
5	64QAM	25	0	20.40	20.26	20.22		
5	256QAM	1	0	18.55	18.36	18.55	20	4
5	256QAM	1	12	18.14	18.23	18.15		
5	256QAM	1	24	18.55	18.16	18.38		
5	256QAM	12	0	18.45	18.51	18.30	20	4
5	256QAM	12	7	18.34	18.20	18.29		
5	256QAM	12	13	18.24	18.30	18.43		
5	256QAM	25	0	18.15	18.24	18.38		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.35	22.29	22.20	24	0
3	QPSK	1	8	22.18	22.33	22.17		
3	QPSK	1	14	22.09	22.20	22.18		
3	QPSK	8	0	22.00	22.10	22.27	24	0
3	QPSK	8	4	22.17	22.18	22.13		
3	QPSK	8	7	22.06	22.07	22.01		
3	QPSK	15	0	22.19	22.10	22.13		
3	16QAM	1	0	22.01	22.16	22.06	24	0
3	16QAM	1	8	22.01	22.09	22.33		
3	16QAM	1	14	22.16	22.00	22.05		
3	16QAM	8	0	21.49	21.41	21.39	23	1
3	16QAM	8	4	21.38	21.51	21.16		
3	16QAM	8	7	21.18	21.51	21.33		
3	16QAM	15	0	21.55	21.40	21.41		
3	64QAM	1	0	21.36	21.22	21.49	23	1
3	64QAM	1	8	21.48	21.25	21.15		
3	64QAM	1	14	21.21	21.33	21.37		
3	64QAM	8	0	20.53	20.37	20.49	22	2
3	64QAM	8	4	20.15	20.31	20.25		
3	64QAM	8	7	20.23	20.18	20.22		
3	64QAM	15	0	20.37	20.24	20.35		
3	256QAM	1	0	18.52	18.43	18.15	20	4
3	256QAM	1	8	18.23	18.28	18.17		
3	256QAM	1	14	18.51	18.10	18.43		
3	256QAM	8	0	18.50	18.34	18.16	20	4
3	256QAM	8	4	18.34	18.17	18.34		
3	256QAM	8	7	18.28	18.09	18.52		
3	256QAM	15	0	18.11	18.32	18.43		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.32	22.47	22.29	24	0
1.4	QPSK	1	3	22.32	22.26	22.45		
1.4	QPSK	1	5	22.44	22.31	22.22		
1.4	QPSK	3	0	22.23	22.32	22.07		
1.4	QPSK	3	1	22.24	22.33	22.19		
1.4	QPSK	3	3	22.31	22.13	22.25		
1.4	QPSK	6	0	22.30	22.32	22.15	24	0
1.4	16QAM	1	0	22.23	22.18	22.18	24	0
1.4	16QAM	1	3	22.17	22.10	22.23		
1.4	16QAM	1	5	22.33	22.19	22.15		
1.4	16QAM	3	0	22.17	22.33	22.29		
1.4	16QAM	3	1	22.11	22.28	22.27		
1.4	16QAM	3	3	22.46	22.14	22.23		
1.4	16QAM	6	0	21.53	21.50	21.26	23	1
1.4	64QAM	1	0	21.50	21.39	21.59	23	1
1.4	64QAM	1	3	21.42	21.11	21.53		
1.4	64QAM	1	5	21.09	21.42	21.27		
1.4	64QAM	3	0	21.38	21.48	21.45		
1.4	64QAM	3	1	21.25	21.20	21.38		
1.4	64QAM	3	3	21.30	21.32	21.15		
1.4	64QAM	6	0	20.29	20.68	20.27	22	2
1.4	256QAM	1	0	18.62	18.43	18.53	20	4
1.4	256QAM	1	3	18.40	18.49	18.22		
1.4	256QAM	1	5	18.40	18.57	18.68		
1.4	256QAM	3	0	18.58	18.46	18.36		
1.4	256QAM	3	1	18.12	18.53	18.53		
1.4	256QAM	3	3	18.60	18.54	18.52		
1.4	256QAM	6	0	18.54	18.51	18.30	20	4

Band 13 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.33		22.5	0
10	QPSK	1	25		21.24			
10	QPSK	1	49		21.31			
10	QPSK	25	0		21.22		22.5	0
10	QPSK	25	12		21.21			
10	QPSK	25	25		21.14			
10	QPSK	50	0		21.08			
10	16QAM	1	0		21.19		22.5	0
10	16QAM	1	25		21.21			
10	16QAM	1	49		21.30			
10	16QAM	25	0		21.17		22.5	0
10	16QAM	25	12		21.08			
10	16QAM	25	25		21.21			
10	16QAM	50	0		21.07			
10	64QAM	1	0		21.10		22.5	0
10	64QAM	1	25		21.01			
10	64QAM	1	49		20.96			
10	64QAM	25	0		20.12		21.5	1
10	64QAM	25	12		20.36			
10	64QAM	25	25		20.06			
10	64QAM	50	0		20.22			
10	256QAM	1	0		18.01		19.5	3
10	256QAM	1	25		18.01			
10	256QAM	1	49		18.04			
10	256QAM	25	0		18.51		19.5	3
10	256QAM	25	12		18.13			
10	256QAM	25	25		18.10			
10	256QAM	50	0		18.18			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.01	21.10	20.75	22.5	0
5	QPSK	1	12	20.92	20.87	21.00		
5	QPSK	1	24	20.93	20.97	20.77		
5	QPSK	12	0	20.81	21.06	20.87	22.5	0
5	QPSK	12	7	20.77	20.75	20.77		
5	QPSK	12	13	20.77	20.78	20.98		
5	QPSK	25	0	20.87	20.86	20.74		
5	16QAM	1	0	21.03	21.10	20.85	22.5	0
5	16QAM	1	12	20.92	20.92	20.96		
5	16QAM	1	24	21.04	20.99	20.87		
5	16QAM	12	0	21.11	21.02	20.85	22.5	0
5	16QAM	12	7	20.84	20.88	21.00		
5	16QAM	12	13	20.95	20.96	20.86		
5	16QAM	25	0	20.87	21.12	20.81		
5	64QAM	1	0	20.86	20.77	20.81	22.5	0
5	64QAM	1	12	20.87	20.83	20.87		
5	64QAM	1	24	20.76	20.84	20.77		
5	64QAM	12	0	20.30	19.85	20.19	21.5	1
5	64QAM	12	7	19.89	20.28	19.87		
5	64QAM	12	13	19.90	20.02	20.05		
5	64QAM	25	0	19.98	20.13	20.09		
5	256QAM	1	0	18.01	18.22	18.01	19.5	3
5	256QAM	1	12	17.96	17.88	17.82		
5	256QAM	1	24	18.03	17.81	18.10		
5	256QAM	12	0	18.02	18.02	18.17	19.5	3
5	256QAM	12	7	18.14	18.02	18.17		
5	256QAM	12	13	18.07	18.09	18.12		
5	256QAM	25	0	18.06	18.07	18.09		

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	22.30	22.32	22.18	24	0
10	QPSK	1	25	22.01	22.01	22.03		
10	QPSK	1	49	22.06	22.13	22.02		
10	QPSK	25	0	22.12	22.23	22.03	24	0
10	QPSK	25	12	22.00	22.14	22.15		
10	QPSK	25	25	22.07	22.10	22.13		
10	QPSK	50	0	22.05	22.19	22.06		
10	16QAM	1	0	22.23	22.01	22.11	24	0
10	16QAM	1	25	22.19	22.08	22.20		
10	16QAM	1	49	22.11	22.15	22.14		
10	16QAM	25	0	21.36	21.26	21.23	23	1
10	16QAM	25	12	21.44	21.30	21.00		
10	16QAM	25	25	21.12	21.15	21.15		
10	16QAM	50	0	21.42	21.46	21.17		
10	64QAM	1	0	21.27	21.01	21.32	23	1
10	64QAM	1	25	21.35	21.12	21.01		
10	64QAM	1	49	21.08	21.26	21.27		
10	64QAM	25	0	20.51	20.11	20.45	22	2
10	64QAM	25	12	20.03	20.32	20.04		
10	64QAM	25	25	20.29	20.18	20.20		
10	64QAM	50	0	20.11	20.36	20.32		
10	256QAM	1	0	18.32	18.07	18.08	20	4
10	256QAM	1	25	18.07	18.28	18.06		
10	256QAM	1	49	18.31	18.07	18.20		
10	256QAM	25	0	18.28	18.48	18.06	20	4
10	256QAM	25	12	18.29	18.11	18.08		
10	256QAM	25	25	18.28	18.14	18.31		
10	256QAM	50	0	18.06	18.25	18.21		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.21	22.25	22.08	24	0
5	QPSK	1	12	22.16	22.14	22.16		
5	QPSK	1	24	22.03	22.27	22.05		
5	QPSK	12	0	22.05	22.21	22.10	24	0
5	QPSK	12	7	22.14	22.17	22.12		
5	QPSK	12	13	22.12	22.03	22.14		
5	QPSK	25	0	22.08	22.00	22.03		
5	16QAM	1	0	22.04	22.01	22.04	24	0
5	16QAM	1	12	22.04	22.21	22.07		
5	16QAM	1	24	22.06	22.05	22.09		
5	16QAM	12	0	21.36	21.20	21.29	23	1
5	16QAM	12	7	21.42	21.23	21.04		
5	16QAM	12	13	21.27	21.04	21.02		
5	16QAM	25	0	21.30	21.53	21.08		
5	64QAM	1	0	21.26	21.06	21.14	23	1
5	64QAM	1	12	21.38	21.03	21.27		
5	64QAM	1	24	21.22	21.24	21.35		
5	64QAM	12	0	20.34	20.28	20.44	22	2
5	64QAM	12	7	20.02	20.42	20.20		
5	64QAM	12	13	20.24	20.10	20.17		
5	64QAM	25	0	20.24	20.32	20.21		
5	256QAM	1	0	18.30	18.32	18.15	20	4
5	256QAM	1	12	18.04	18.08	18.11		
5	256QAM	1	24	18.13	18.09	18.27		
5	256QAM	12	0	18.26	18.50	18.02	20	4
5	256QAM	12	7	18.32	18.02	18.15		
5	256QAM	12	13	18.22	18.02	18.27		
5	256QAM	25	0	18.08	18.37	18.36		

Band 25 Ant0 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	18.72	18.82	18.65	19.9	0
20	QPSK	1	49	18.67	18.79	18.44		
20	QPSK	1	99	18.81	18.80	18.69		
20	QPSK	50	0	18.66	18.74	18.65		
20	QPSK	50	24	18.70	18.70	18.52		
20	QPSK	50	50	18.70	18.71	18.70		
20	QPSK	100	0	18.70	18.71	18.68		
20	16QAM	1	0	18.72	18.77	18.54		
20	16QAM	1	49	18.60	18.70	18.64		
20	16QAM	1	99	18.72	18.81	18.38		
20	16QAM	50	0	18.51	18.68	18.56		
20	16QAM	50	24	18.67	18.73	18.44		
20	16QAM	50	50	18.64	18.75	18.68		
20	16QAM	100	0	18.64	18.62	18.65		
20	64QAM	1	0	18.75	18.80	18.65		
20	64QAM	1	49	18.65	18.79	18.37		
20	64QAM	1	99	18.59	18.65	18.58		
20	64QAM	50	0	18.60	18.72	18.73		
20	64QAM	50	24	18.74	18.58	18.49		
20	64QAM	50	50	18.51	18.66	18.62		
20	64QAM	100	0	18.38	18.77	18.38		
20	256QAM	1	0	16.43	16.60	16.65		
20	256QAM	1	49	16.50	16.48	16.41		
20	256QAM	1	99	16.58	16.52	16.54		
20	256QAM	50	0	16.46	16.54	16.44		
20	256QAM	50	24	16.44	16.54	16.42		
20	256QAM	50	50	16.58	16.53	16.67		
20	256QAM	100	0	16.36	16.66	16.19		
Channel				26115	26340	26615		
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.63	18.56	18.49	19.9	0
15	QPSK	1	37	18.48	18.57	18.29		
15	QPSK	1	74	18.61	18.66	18.49		
15	QPSK	36	0	18.39	18.50	18.47		
15	QPSK	36	20	18.58	18.56	18.37		
15	QPSK	36	39	18.53	18.52	18.43		
15	QPSK	75	0	18.47	18.55	18.51		
15	16QAM	1	0	18.55	18.53	18.38		
15	16QAM	1	37	18.37	18.49	18.41		
15	16QAM	1	74	18.53	18.59	18.14		
15	16QAM	36	0	18.25	18.48	18.30		
15	16QAM	36	20	18.53	18.53	18.21		
15	16QAM	36	39	18.36	18.61	18.39		
15	16QAM	75	0	18.44	18.47	18.52		
15	64QAM	1	0	18.58	18.52	18.49		
15	64QAM	1	37	18.49	18.62	18.23		
15	64QAM	1	74	18.44	18.50	18.45		
15	64QAM	36	0	18.35	18.44	18.47		
15	64QAM	36	20	18.50	18.38	18.32		
15	64QAM	36	39	18.40	18.46	18.51		
15	64QAM	75	0	18.17	18.57	18.11		
15	256QAM	1	0	16.24	16.41	16.36	17.9	2
15	256QAM	1	37	16.35	16.26	16.22		
15	256QAM	1	74	16.29	16.27	16.37		
15	256QAM	36	0	16.32	16.34	16.26		
15	256QAM	36	20	16.31	16.42	16.14		
15	256QAM	36	39	16.41	16.37	16.54		
15	256QAM	75	0	16.11	16.42	16.07		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.64	18.70	18.42	19.9	0
10	QPSK	1	25	18.45	18.60	18.22		
10	QPSK	1	49	18.58	18.58	18.42		
10	QPSK	25	0	18.39	18.54	18.50		
10	QPSK	25	12	18.55	18.55	18.40		
10	QPSK	25	25	18.52	18.42	18.47		
10	QPSK	50	0	18.54	18.52	18.43		
10	16QAM	1	0	18.44	18.58	18.29		
10	16QAM	1	25	18.34	18.46	18.36		
10	16QAM	1	49	18.46	18.56	18.22		
10	16QAM	25	0	18.24	18.43	18.36		
10	16QAM	25	12	18.42	18.47	18.28		
10	16QAM	25	25	18.43	18.46	18.51		
10	16QAM	50	0	18.50	18.49	18.37		
10	64QAM	1	0	18.61	18.56	18.52		
10	64QAM	1	25	18.40	18.63	18.21		
10	64QAM	1	49	18.41	18.45	18.37		
10	64QAM	25	0	18.47	18.59	18.61		
10	64QAM	25	12	18.63	18.37	18.31		
10	64QAM	25	25	18.31	18.44	18.45		
10	64QAM	50	0	18.21	18.62	18.13		
10	256QAM	1	0	16.23	16.31	16.40		
10	256QAM	1	25	16.32	16.30	16.13	17.9	2
10	256QAM	1	49	16.45	16.31	16.40		
10	256QAM	25	0	16.24	16.31	16.28		
10	256QAM	25	12	16.31	16.36	16.21		
10	256QAM	25	25	16.37	16.32	16.40		
10	256QAM	50	0	16.24	16.52	16.31		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.64	18.58	18.43	19.9	0
5	QPSK	1	12	18.56	18.67	18.20		
5	QPSK	1	24	18.64	18.55	18.46		
5	QPSK	12	0	18.38	18.47	18.49		
5	QPSK	12	7	18.56	18.42	18.26		
5	QPSK	12	13	18.41	18.50	18.44		
5	QPSK	25	0	18.54	18.42	18.54		
5	16QAM	1	0	18.49	18.65	18.40		
5	16QAM	1	12	18.46	18.50	18.42		
5	16QAM	1	24	18.58	18.57	18.15		
5	16QAM	12	0	18.34	18.50	18.44		
5	16QAM	12	7	18.51	18.45	18.24		
5	16QAM	12	13	18.40	18.58	18.44		
5	16QAM	25	0	18.40	18.33	18.36		
5	64QAM	1	0	18.53	18.54	18.43		
5	64QAM	1	12	18.38	18.54	18.15		
5	64QAM	1	24	18.36	18.53	18.39		
5	64QAM	12	0	18.36	18.45	18.45		
5	64QAM	12	7	18.54	18.30	18.32		
5	64QAM	12	13	18.34	18.47	18.44		
5	64QAM	25	0	18.24	18.59	18.25		
5	256QAM	1	0	16.26	16.34	16.39	17.9	2
5	256QAM	1	12	16.24	16.32	16.21		
5	256QAM	1	24	16.41	16.40	16.36		
5	256QAM	12	0	16.25	16.29	16.22		
5	256QAM	12	7	16.31	16.34	16.14		
5	256QAM	12	13	16.45	16.39	16.46		
5	256QAM	25	0	16.16	16.52	16.33		
Channel				26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.57	18.68	18.38	19.9	0
3	QPSK	1	8	18.43	18.52	18.28		
3	QPSK	1	14	18.62	18.68	18.47		
3	QPSK	8	0	18.48	18.50	18.49		
3	QPSK	8	4	18.56	18.48	18.30		
3	QPSK	8	7	18.44	18.44	18.42		
3	QPSK	15	0	18.45	18.44	18.52		
3	16QAM	1	0	18.49	18.49	18.36	19.9	0
3	16QAM	1	8	18.45	18.43	18.47		
3	16QAM	1	14	18.56	18.63	18.24		
3	16QAM	8	0	18.33	18.46	18.38		
3	16QAM	8	4	18.51	18.54	18.19		
3	16QAM	8	7	18.36	18.64	18.46		
3	16QAM	15	0	18.49	18.39	18.51		
3	64QAM	1	0	18.60	18.51	18.51	19.9	0
3	64QAM	1	8	18.44	18.56	18.22		
3	64QAM	1	14	18.40	18.36	18.35		
3	64QAM	8	0	18.37	18.59	18.48		
3	64QAM	8	4	18.53	18.38	18.36		
3	64QAM	8	7	18.26	18.52	18.45		
3	64QAM	15	0	18.16	18.55	18.23		
3	256QAM	1	0	16.16	16.42	16.51	17.9	2
3	256QAM	1	8	16.36	16.23	16.16		
3	256QAM	1	14	16.34	16.25	16.37		
3	256QAM	8	0	16.21	16.26	16.31		
3	256QAM	8	4	16.19	16.38	16.31		
3	256QAM	8	7	16.40	16.38	16.41		
3	256QAM	15	0	16.25	16.41	16.05		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.58	18.66	18.43	19.9	0
1.4	QPSK	1	3	18.53	18.51	18.30		
1.4	QPSK	1	5	18.56	18.62	18.42		
1.4	QPSK	3	0	18.42	18.62	18.37		
1.4	QPSK	3	1	18.46	18.58	18.25		
1.4	QPSK	3	3	18.51	18.43	18.42		
1.4	QPSK	6	0	18.55	18.56	18.53	19.9	0
1.4	16QAM	1	0	18.43	18.63	18.34	19.9	0
1.4	16QAM	1	3	18.35	18.46	18.44		
1.4	16QAM	1	5	18.45	18.62	18.18		
1.4	16QAM	3	0	18.35	18.40	18.38		
1.4	16QAM	3	1	18.51	18.61	18.24		
1.4	16QAM	3	3	18.52	18.57	18.50		
1.4	16QAM	6	0	18.48	18.46	18.51	19.9	0
1.4	64QAM	1	0	18.51	18.61	18.46	19.9	0
1.4	64QAM	1	3	18.39	18.64	18.26		
1.4	64QAM	1	5	18.33	18.40	18.34		
1.4	64QAM	3	0	18.43	18.52	18.45		
1.4	64QAM	3	1	18.50	18.30	18.37		
1.4	64QAM	3	3	18.31	18.38	18.37		
1.4	64QAM	6	0	18.16	18.49	18.17	19.9	0
1.4	256QAM	1	0	16.20	16.34	16.40	17.9	2
1.4	256QAM	1	3	16.30	16.25	16.12		
1.4	256QAM	1	5	16.30	16.24	16.26		
1.4	256QAM	3	0	16.34	16.39	16.15		
1.4	256QAM	3	1	16.23	16.35	16.17		
1.4	256QAM	3	3	16.33	16.33	16.53		
1.4	256QAM	6	0	16.17	16.48	16.03	17.9	2

Band 26 Ant0 DSI5 Simultaneous

BW [MHz]	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	21.57	21.75	21.57	22.3	0
15	QPSK	1	37	21.70	21.51	21.49		
15	QPSK	1	74	21.51	21.55	21.71		
15	QPSK	36	0	21.50	21.65	21.57		
15	QPSK	36	20	21.45	21.35	21.40		
15	QPSK	36	39	21.64	21.44	21.51		
15	QPSK	75	0	21.31	21.57	21.50		
15	16QAM	1	0	21.59	21.65	21.50		
15	16QAM	1	37	21.48	21.40	21.39		
15	16QAM	1	74	21.52	21.59	21.50		
15	16QAM	36	0	21.47	21.59	21.64		
15	16QAM	36	20	21.52	21.48	21.30		
15	16QAM	36	39	21.44	21.56	21.49		
15	16QAM	75	0	21.48	21.66	21.45		
15	64QAM	1	0	21.33	21.34	21.41		
15	64QAM	1	37	21.60	21.34	21.51	22.3	0
15	64QAM	1	74	21.24	21.44	21.35		
15	64QAM	36	0	20.78	20.67	20.78		
15	64QAM	36	20	20.63	20.54	20.68		
15	64QAM	36	39	20.43	20.44	20.63		
15	64QAM	75	0	20.60	20.64	20.59		
15	256QAM	1	0	18.70	18.82	18.43	19.3	3
15	256QAM	1	37	18.52	18.33	18.74		
15	256QAM	1	74	18.82	18.56	18.80		
15	256QAM	36	0	18.60	18.64	18.63		
15	256QAM	36	20	18.75	18.56	18.54	19.3	3
15	256QAM	36	39	18.65	18.34	18.70		
15	256QAM	75	0	18.47	18.60	18.76		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.33	21.52	21.28	22.3	0
10	QPSK	1	25	21.33	21.27	21.18		
10	QPSK	1	49	21.27	21.23	21.39		
10	QPSK	25	0	21.20	21.32	21.25		
10	QPSK	25	12	21.05	20.97	21.13		
10	QPSK	25	25	21.30	21.25	21.16		
10	QPSK	50	0	21.15	21.37	21.24		
10	16QAM	1	0	21.21	21.33	21.08		
10	16QAM	1	25	21.34	21.19	21.09	22.3	0
10	16QAM	1	49	21.26	21.23	21.16		
10	16QAM	25	0	21.23	21.41	21.23		
10	16QAM	25	12	21.20	21.28	21.14		
10	16QAM	25	25	21.15	21.32	21.26		
10	16QAM	50	0	21.21	21.30	21.13		
10	64QAM	1	0	20.91	20.97	21.02		
10	64QAM	1	25	21.30	21.17	21.19	22.3	0
10	64QAM	1	49	20.95	21.14	21.03		
10	64QAM	25	0	20.50	20.27	20.36		
10	64QAM	25	12	20.37	20.27	20.27	21.3	1
10	64QAM	25	25	20.18	20.17	20.29		
10	64QAM	50	0	20.27	20.22	20.23		
10	256QAM	1	0	18.51	18.38	18.16	19.3	3
10	256QAM	1	25	18.35	18.12	18.42		
10	256QAM	1	49	18.44	18.15	18.53		
10	256QAM	25	0	18.39	18.42	18.34		
10	256QAM	25	12	18.36	18.38	18.20	19.3	3
10	256QAM	25	25	18.29	18.38	18.38		
10	256QAM	50	0	18.14	18.38	18.43		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.30	21.52	21.34	22.3	0
5	QPSK	1	12	21.25	21.25	21.07		
5	QPSK	1	24	21.26	21.25	21.29		
5	QPSK	12	0	21.25	21.39	21.33		
5	QPSK	12	7	21.04	21.03	21.12		
5	QPSK	12	13	21.33	21.13	21.26		
5	QPSK	25	0	21.11	21.24	21.12		
5	16QAM	1	0	21.18	21.25	21.19		
5	16QAM	1	12	21.33	21.17	21.00	22.3	0
5	16QAM	1	24	21.21	21.26	21.11		
5	16QAM	12	0	21.17	21.34	21.33		
5	16QAM	12	7	21.23	21.14	21.04		
5	16QAM	12	13	21.19	21.18	21.32		
5	16QAM	25	0	21.25	21.38	21.07		
5	64QAM	1	0	20.94	20.92	20.97		
5	64QAM	1	12	21.39	21.04	21.23	22.3	0
5	64QAM	1	24	20.99	21.23	20.95		
5	64QAM	12	0	20.56	20.30	20.49		
5	64QAM	12	7	20.29	20.33	20.39	21.3	1
5	64QAM	12	13	20.11	20.20	20.27		
5	64QAM	25	0	20.37	20.22	20.30		
5	256QAM	1	0	18.53	18.55	18.25	19.3	3
5	256QAM	1	12	18.26	18.19	18.40		
5	256QAM	1	24	18.52	18.19	18.52		
5	256QAM	12	0	18.37	18.40	18.34		
5	256QAM	12	7	18.39	18.26	18.30		
5	256QAM	12	13	18.41	17.97	18.46		
5	256QAM	25	0	18.17	18.32	18.53		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.27	21.47	21.38	22.3	0
3	QPSK	1	8	21.31	21.26	21.13		
3	QPSK	1	14	21.21	21.32	21.36		
3	QPSK	8	0	21.30	21.33	21.28		
3	QPSK	8	4	21.20	21.12	21.09		
3	QPSK	8	7	21.33	21.11	21.19		
3	QPSK	15	0	20.98	21.35	21.16		
3	16QAM	1	0	21.23	21.27	21.08	22.3	0
3	16QAM	1	8	21.20	21.22	20.98		
3	16QAM	1	14	21.23	21.28	21.27		
3	16QAM	8	0	21.27	21.37	21.25		
3	16QAM	8	4	21.12	21.23	21.13		
3	16QAM	8	7	21.30	21.17	21.17		
3	16QAM	15	0	21.11	21.33	21.04		
3	64QAM	1	0	21.03	20.99	20.96	22.3	0
3	64QAM	1	8	21.24	21.03	21.26		
3	64QAM	1	14	21.02	21.25	21.07		
3	64QAM	8	0	20.47	20.33	20.48		
3	64QAM	8	4	20.26	20.27	20.36	21.3	1
3	64QAM	8	7	20.22	20.07	20.30		
3	64QAM	15	0	20.26	20.26	20.25		
3	256QAM	1	0	18.44	18.51	18.16	19.3	3
3	256QAM	1	8	18.36	18.15	18.47		
3	256QAM	1	14	18.48	18.22	18.49		
3	256QAM	8	0	18.29	18.38	18.38		
3	256QAM	8	4	18.46	18.33	18.25	19.3	3
3	256QAM	8	7	18.35	17.97	18.46		
3	256QAM	15	0	18.26	18.33	18.52		
Channel				26607	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.26	21.36	21.33	22.3	0
1.4	QPSK	1	3	21.36	21.34	21.04		
1.4	QPSK	1	5	21.24	21.28	21.45		
1.4	QPSK	3	0	21.29	21.38	21.25		
1.4	QPSK	3	1	21.09	21.10	21.17		
1.4	QPSK	3	3	21.35	21.20	21.26		
1.4	QPSK	6	0	21.04	21.23	21.25	22.3	0
1.4	16QAM	1	0	21.21	21.27	21.17	22.3	0
1.4	16QAM	1	3	21.34	21.14	20.93		
1.4	16QAM	1	5	21.20	21.28	21.11		
1.4	16QAM	3	0	21.22	21.31	21.33		
1.4	16QAM	3	1	21.10	21.14	21.12		
1.4	16QAM	3	3	21.14	21.19	21.15		
1.4	16QAM	6	0	21.18	21.34	21.06	22.3	0
1.4	64QAM	1	0	20.90	21.02	21.07	22.3	0
1.4	64QAM	1	3	21.30	21.05	21.25		
1.4	64QAM	1	5	20.90	21.22	20.92		
1.4	64QAM	3	0	20.50	20.30	20.49		
1.4	64QAM	3	1	20.49	20.35	20.36		
1.4	64QAM	3	3	20.36	20.33	20.33		
1.4	64QAM	6	0	20.26	20.17	20.25	21.3	1
1.4	256QAM	1	0	18.39	18.41	18.19	19.3	3
1.4	256QAM	1	3	18.27	18.03	18.37		
1.4	256QAM	1	5	18.51	18.24	18.43		
1.4	256QAM	3	0	18.37	18.37	18.26		
1.4	256QAM	3	1	18.32	18.26	18.32		
1.4	256QAM	3	3	18.33	18.00	18.34		
1.4	256QAM	6	0	18.20	18.34	18.41	19.3	3

Band 66 Ant0 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.01	16.17	15.89	17	0
20	QPSK	1	49	15.99	15.88	15.90		
20	QPSK	1	99	15.94	15.96	15.72		
20	QPSK	50	0	15.90	16.03	15.99		
20	QPSK	50	24	15.87	15.84	15.82		
20	QPSK	50	50	15.84	15.85	15.72		
20	QPSK	100	0	15.79	16.04	15.73		
20	16QAM	1	0	15.54	15.61	15.66		
20	16QAM	1	49	15.88	15.85	15.89		
20	16QAM	1	99	15.78	15.87	15.70		
20	16QAM	50	0	15.85	15.96	15.76		
20	16QAM	50	24	15.86	15.93	15.65		
20	16QAM	50	50	15.98	16.01	15.66		
20	16QAM	100	0	15.90	15.73	15.61		
20	64QAM	1	0	15.84	15.82	15.69		
20	64QAM	1	49	16.00	15.98	15.55		
20	64QAM	1	99	15.86	15.78	15.69		
20	64QAM	50	0	15.95	15.89	15.73		
20	64QAM	50	24	15.92	15.83	15.64		
20	64QAM	50	50	15.83	15.93	15.76		
20	64QAM	100	0	15.71	15.70	15.84		
20	256QAM	1	0	15.86	15.68	15.74		
20	256QAM	1	49	15.73	15.70	15.58		
20	256QAM	1	99	15.73	15.81	15.51		
20	256QAM	50	0	15.79	15.78	15.71		
20	256QAM	50	24	15.96	15.83	15.94		
20	256QAM	50	50	15.73	15.89	15.82		
20	256QAM	100	0	15.95	15.97	15.74		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.84	15.98	15.80	17	0
15	QPSK	1	37	15.86	15.75	15.68		
15	QPSK	1	74	15.79	15.91	15.55		
15	QPSK	36	0	15.70	15.99	15.79		
15	QPSK	36	20	15.65	15.68	15.79		
15	QPSK	36	39	15.75	15.70	15.55		
15	QPSK	75	0	15.65	15.92	15.74		
15	16QAM	1	0	15.56	15.54	15.65		
15	16QAM	1	37	15.81	15.83	15.72		
15	16QAM	1	74	15.75	15.72	15.49		
15	16QAM	36	0	15.74	15.65	15.57		
15	16QAM	36	20	15.77	15.83	15.46		
15	16QAM	36	39	15.92	15.87	15.66		
15	16QAM	75	0	15.77	15.57	15.47		
15	64QAM	1	0	15.81	15.75	15.49		
15	64QAM	1	37	15.79	15.78	15.47	17	0
15	64QAM	1	74	15.87	15.69	15.57		
15	64QAM	36	0	15.86	15.67	15.51		
15	64QAM	36	20	15.87	15.73	15.55		
15	64QAM	36

Band 38 Ant0 DSI5 Simultaneous

BW [MHz]	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	18.07	18.32	18.02	19.6	0
20	QPSK	1	49	18.08	18.07	18.07		
20	QPSK	1	99	18.04	18.04	18.10		
20	QPSK	50	0	18.02	18.15	18.08		
20	QPSK	50	24	18.06	18.03	17.90		
20	QPSK	50	50	18.04	18.08	17.81		
20	QPSK	100	0	17.85	18.16	18.09		
20	16QAM	1	0	18.06	18.26	17.93		
20	16QAM	1	49	18.05	18.15	18.02		
20	16QAM	1	99	17.96	17.99	18.03		
20	16QAM	50	0	17.90	18.03	17.92		
20	16QAM	50	24	18.02	17.91	17.71		
20	16QAM	50	50	17.90	17.87	17.62		
20	16QAM	100	0	17.80	17.98	17.89		
20	64QAM	1	0	18.06	18.12	17.83		
20	64QAM	1	49	18.04	18.14	17.81		
20	64QAM	1	99	17.87	17.86	17.98		
20	64QAM	50	0	17.99	18.03	17.88		
20	64QAM	50	24	17.82	17.90	17.65		
20	64QAM	50	50	18.03	17.86	17.80		
20	64QAM	100	0	17.74	17.93	17.92		
20	256QAM	1	0	17.97	18.06	17.94		
20	256QAM	1	49	18.13	18.17	17.94		
20	256QAM	1	99	17.97	18.18	18.06		
20	256QAM	50	0	17.95	18.15	18.00		
20	256QAM	50	24	17.96	18.00	17.96		
20	256QAM	50	50	17.89	18.08	17.98		
20	256QAM	100	0	17.95	18.09	17.88		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.89	18.16	17.93	19.6	0
15	QPSK	1	37	18.02	17.88	18.00		
15	QPSK	1	74	18.02	17.89	18.00		
15	QPSK	36	0	17.91	18.02	18.04		
15	QPSK	36	20	17.88	17.97	17.77		
15	QPSK	36	39	17.96	18.04	17.78		
15	QPSK	75	0	17.73	18.00	18.03		
15	16QAM	1	0	18.01	18.16	17.91		
15	16QAM	1	37	18.02	18.04	17.87		
15	16QAM	1	74	17.78	17.85	17.92		
15	16QAM	36	0	17.71	18.01	17.82		
15	16QAM	36	20	17.83	17.83	17.94		
15	16QAM	36	39	17.96	17.79	17.88		
15	16QAM	75	0	17.63	17.79	17.75		
15	64QAM	1	0	18.03	18.01	17.82		
15	64QAM	1	37	17.90	17.98	17.76		
15	64QAM	1	74	17.70	17.77	17.80		
15	64QAM	36	0	17.85	17.87	17.81		
15	64QAM	36	20	17.72	17.76	17.88		
15	64QAM	36	39	17.99	17.78	17.76		
15	64QAM	75	0	17.67	17.78	17.84		
15	256QAM	1	0	17.91	18.01	17.91		
15	256QAM	1	37	17.95	18.00	17.84		
15	256QAM	1	74	17.85	18.14	17.96		
15	256QAM	36	0	17.78	18.02	17.91		
15	256QAM	36	20	17.86	17.87	17.89		
15	256QAM	36	39	17.94	18.06	17.88		
15	256QAM	75	0	17.87	17.92	17.70		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	17.96	18.31	17.86	19.6	0
10	QPSK	1	25	17.90	18.01	18.00		
10	QPSK	1	49	17.97	18.00	17.94		
10	QPSK	25	0	17.88	18.01	17.94		
10	QPSK	25	12	17.84	17.89	17.88		
10	QPSK	25	25	17.87	17.99	17.72		
10	QPSK	50	0	17.84	17.97	18.03		
10	16QAM	1	0	17.94	18.15	17.85		
10	16QAM	1	25	18.02	18.02	17.87		
10	16QAM	1	49	17.89	17.92	18.01		
10	16QAM	25	0	17.85	17.94	17.79		
10	16QAM	25	12	17.89	17.74	17.91		
10	16QAM	25	25	17.81	17.72	17.92		
10	16QAM	50	0	17.62	17.96	17.74		
10	64QAM	1	0	18.00	18.04	17.71		
10	64QAM	1	25	17.87	18.11	17.76		
10	64QAM	1	49	17.77	17.76	17.80		
10	64QAM	25	0	17.91	17.90	17.71		
10	64QAM	25	12	17.72	17.73	18.01		
10	64QAM	25	25	17.89	17.81	17.85		
10	64QAM	50	0	17.69	17.82	17.80		
10	256QAM	1	0	17.85	17.89	17.80		
10	256QAM	1	25	18.09	18.00	17.79		
10	256QAM	1	49	17.89	18.15	17.98		
10	256QAM	25	0	17.84	18.12	17.87		
10	256QAM	25	12	17.84	17.90	17.84		
10	256QAM	25	25	17.70	17.98	17.92		
10	256QAM	50	0	17.78	18.00	17.77		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	17.94	18.14	17.93	19.6	0
5	QPSK	1	12	17.93	18.00	18.02		
5	QPSK	1	24	17.90	17.99	17.91		
5	QPSK	12	0	17.96	17.97	17.97		
5	QPSK	12	7	18.04	17.87	17.88		
5	QPSK	12	13	17.87	17.99	17.76		
5	QPSK	25	0	17.78	18.09	18.05		
5	16QAM	1	0	18.00	18.07	17.71		
5	16QAM	1	12	17.99	18.07	17.99		
5	16QAM	1	24	17.88	17.91	17.98		
5	16QAM	12	0	17.88	17.91	17.80		
5	16QAM	12	7	17.96	17.84	17.93		
5	16QAM	12	13	17.71	17.75	17.88		
5	16QAM	25	0	17.65	17.95	17.86		
5	64QAM	1	0	17.89	17.97	17.79		
5	64QAM	1	12	17.96	18.03	17.70		
5	64QAM	1	24	17.68	17.83	17.93		
5	64QAM	12	0	17.91	17.98	17.74		
5	64QAM	12	7	17.84	17.83	17.77		
5	64QAM	12	13	17.96	17.85	17.71		
5	64QAM	25	0	17.69	17.82	17.86		
5	256QAM	1	0	17.88	18.02	17.90		
5	256QAM	1	12	18.03	18.10	17.94		
5	256QAM	1	24	17.80	18.11	18.02		
5	256QAM	12	0	17.85	18.00	17.96		
5	256QAM	12	7	17.78	17.88	17.94		
5	256QAM	12	13	17.88	17.97	17.80		
5	256QAM	25	0	17.88	18.05	17.80		

Band 41 Ant0 DSI5 Simultaneous

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	18.32	18.37	18.53	18.31	18.25	19.6	0
20	QPSK	1	49	18.26	18.38	18.46	18.32	18.25		
20	QPSK	1	99	18.31	18.36	18.31	18.38	18.27		
20	QPSK	50	0	18.19	18.38	18.42	18.39	18.26		
20	QPSK	50	24	18.05	18.36	18.32	18.15	18.36		
20	QPSK	50	50	18.11	18.35	18.32	18.08	18.21		
20	QPSK	100	0	18.25	18.22	18.39	18.30	18.08		
20	16QAM	1	0	18.16	18.35	18.47	18.29	18.11		
20	16QAM	1	49	18.21	18.34	18.37	18.30	18.19		
20	16QAM	1	99	18.18	18.24	18.22	18.26	18.25		
20	16QAM	50	0	18.01	18.28	18.27	18.23	18.14		
20	16QAM	50	24	18.02	18.26	18.25	18.05	18.24		
20	16QAM	50	50	17.97	18.19	18.21	17.98	18.08		
20	16QAM	100	0	18.09	18.07	18.25	18.13	17.90		
20	64QAM	1	0	18.28	18.35	18.42	18.17	18.11		
20	64QAM	1	49	18.10	18.27	18.37	18.14	18.07		
20	64QAM	1	99	18.30	18.17	18.16	18.36	18.16		
20	64QAM	50	0	18.05	18.30	18.29	18.24	18.14		
20	64QAM	50	24	17.93	18.19	18.20	18.03	18.22		
20	64QAM	50	50	17.96	18.31	18.25	18.06	18.10		
20	64QAM	100	0	18.09	18.11	18.30	18.24	17.89		
20	256QAM	1	0	18.15	18.21	18.29	18.26	18.15		
20	256QAM	1	49	18.11	18.34	18.38	18.24	18.18		
20	256QAM	1	99	18.08	18.22	18.41	18.34	18.19		
20	256QAM	50	0	18.11	18.33	18.37	18.31	18.12		
20	256QAM	50	24	18.08	18.24	18.24	18.23	18.09		
20	256QAM	50	50	18.14	18.24	18.36	18.27	18.09		
20	256QAM	100	0	18.11	18.21	18.36	18.26	18.13		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	18.25	18.28	18.51	18.21	18.10	20	0
15	QPSK	1	37	18.08	18.31	18.27	18.21	18.09		
15	QPSK	1	74	18.23	18.29	18.23	18.21	18.09		
15	QPSK	36	0	18.16	18.37	18.31	18.29	18.19		
15	QPSK	36	20	18.03	18.19	18.20	18.14	18.24		
15	QPSK	36	39	18.02	18.24	18.18	17.94	18.11		
15	QPSK	75	0	18.20	18.15	18.26	18.21	18.01		
15	16QAM	1	0	18.04	18.33	18.32	18.13	18.02		
15	16QAM	1	37	18.10	18.27	18.29	18.15	18.09		
15	16QAM	1	74	18.08	18.11	18.08	18.25	18.08		
15	16QAM	36	0	17.87	18.20	18.25	18.10	18.02		
15	16QAM	36	20	17.84	18.14	18.14	18.02	18.19		
15	16QAM	36	39	17.89	18.07	18.15	17.81	17.97		
15	16QAM	75	0	17.91	18.10	17.95	17.73			
15	64QAM	1	0	18.24	18.30	18.37	18.12	18.05		
15	64QAM	1	37	17.93	18.26	18.20	18.08	17.90		
15	64QAM	1	74	18.15	18.03	18.11	18.24	18.04		
15	64QAM	36	0	18.01	18.11	18.24	18.05	18.00		
15	64QAM	36	20	17.82	18.13	18.15	17.89	18.06		
15	64QAM	36	39	17.88	18.24	18.23	17.88	18.02		
15	64QAM	75	0	18.02	17.96	18.12	18.16	17.88		
15	256QAM	1	0	18.04	18.13	18.12	18.21	18.11		
15	256QAM	1	37	17.93	18.27	18.30	18.20	18.05		
15	256QAM	1	74	17.94	18.10	18.36	18.18	18.04		
15	256QAM	36	0	18.03	18.31	18.29	18.24	17.97		
15	256QAM	36	20	18.06	18.21	18.06	18.18	18.03		
15	256QAM	36	39	18.05	18.12	18.34	18.23	17.95		
15	256QAM	75	0	18.04	18.12	18.29	18.12	17.94		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	18.28	18.30	18.45	18.27	18.24	20	0
10	QPSK	1	25	18.11	18.25	18.44	18.15	18.22		
10	QPSK	1	49	18.25	18.26	18.28	18.37	18.20		
10	QPSK	25	0	18.13	18.21	18.26	18.37	18.19		
10	QPSK	25	12	18.02	18.34	18.27	18.12	18.24		
10	QPSK	25	25	17.97	18.33	18.29	17.91	18.19		
10	QPSK	50	0	18.11	18.12	18.36	18.11	17.94		
10	16QAM	1	0	18.14	18.19	18.37	18.17	17.99		
10	16QAM	1	25	18.17	18.29	18.24	18.29	18.13		
10	16QAM	1	49	18.11	18.15	18.10	18.09	18.09		
10	16QAM	25	0	17.85	18.18	18.12	18.15	18.12		
10	16QAM	25	12	17.98	18.09	18.14	17.89	18.18		
10	16QAM	25	25	17.83	18.16	18.12	17.90	17.92		
10	16QAM	50	0	18.04	17.91	18.24	18.05	17.81		
10	64QAM	1	0	18.25	18.31	18.35	18.05	18.05		
10	64QAM	1	25	17.99	18.16	18.34	18.10	17.89		
10	64QAM	1	49	18.18	18.05	18.32	18.32	18.03		
10	64QAM	25	0	17.88	18.21	18.13	18.08	18.11		
10	64QAM	25	12	17.74	18.03	18.02	18.00	18.08		
10	64QAM	25	25	17.82	18.16	18.16	17.91	18.00		
10	64QAM	50	0	17.92	17.97	18.16	18.22	17.85		
10	256QAM	1	0	18.00	18.06	18.23	18.16	18.10		
10	256QAM	1	25	18.04	18.28	18.30	18.07	18.08		
10	256QAM	1	49	18.00	18.17	18.24	18.22	18.10		
10	256QAM	25	0	17.99	18.17	18.33	18.21	18.10		
10	256QAM	25	12	17.99	18.11	18.15	18.12	18.06		
10	256QAM	25	25	17.96	18.16	18.24	18.22	17.96		
10	256QAM	50	0	17.93	18.18	18.29	18.17	18.11		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	18.16	18.25	18.45	18.16	18.07	20	0
5	QPSK	1	12	18.23	18.26	18.35	18.16	18.07		
5	QPSK	1	24	18.16	18.22	18.22	18.29	18.25		
5	QPSK	12	0	18.06	18.26	18.32	18.28	18.12		
5	QPSK	12	7	18.01	18.26	18.26	18.00	18.22		
5	QPSK	12	13	18.06	18.21	18.22	18.07	18.04		
5	QPSK	25	0	18.15	18.15	18.22	18.25	17.97		
5	16QAM	1	0	18.01	18.26	18.37	18.00	18.01		
5	16QAM	1	12	18.02	18.21	18.24	18.14	18.16		
5	16QAM	1	24	18.02	18.15	18.18	18.17	18.06		
5	16QAM	12	0	17.82	18.23	18.09	18.22	18.10		
5	16QAM	12	7	17.99	18.15	18.14	18.03	18.21		
5	16QAM	12	13	17.95	18.02	18.11	17.83	17.94		
5	16QAM	25	0	17.95	17.95	18.13	17.97	17.74		
5	64QAM	1	0	18.22	18.29	18.32	18.14	17.98		
5	64QAM	1	12	18.02	18.25	18.20	18.07	17.90		
5	64QAM	1	24	18.12	18.12	18.13	18.18	17.99		
5	64QAM	12	0	17.97	18.23	18.12	18.18	18.06		
5	64QAM	12	7	17.80	18.08	17.97	17.97	18.18		
5	64QAM	12	13	17.83	18.17	18.19	17.88	17.98		
5	64QAM	25	0	18.07	17.92	18.16	18.09	17.88		
5	256QAM	1	0	18.07	18.07	18.20	18.19	17.99		
5	256QAM	1	12	18.02	18.19	18.33	18.07	18.15		
5	256QAM	1	24	17.95	18.06	18.36	18.26	18.14		
5	256QAM	12	0	18.07	18.28	18.34	18.30	18.06		
5	256QAM	12	7	17.99	18.19	18.10	18.21	18.07		
5	256QAM	12	13	18.04	18.21	18.29	18.24	17.93		
5	256QAM	25	0	17.99	18.14	18.22	18.14	17.96		

Band 41 HPUE Ant0 DSI5 Simultaneous

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	19.99	19.89	20.22	19.84	19.88	21.2	0
20	QPSK	1	49	19.82	20.05	20.10	19.95	19.88		
20	QPSK	1	99	19.87	19.98	19.93	19.90	19.90		
20	QPSK	50	0	19.87	20.04	20.07	19.92	19.91		
20	QPSK	50	24	19.37	19.92	19.93	19.77	19.87		
20	QPSK	50	50	19.68	19.88	19.95	19.77	19.87		
20	QPSK	100	0	19.84	19.78	20.02	19.90	19.70		
20	16QAM	1	0	19.70	19.96	19.98	19.98	19.77		
20	16QAM	1	49	19.82	19.92	19.94	19.85	19.80		
20	16QAM	1	99	19.78	19.87	19.83	19.85	19.82		
20	16QAM	50	0	19.68	19.89	19.81	19.87	19.74		
20	16QAM	50	24	19.65	19.80	19.85	19.56	19.76		
20	16QAM	50	50	19.54	19.75	19.73	19.60	19.71		
20	16QAM	100	0	19.62	19.63	19.82	19.79	19.51		
20	64QAM	1	0	19.94	19.97	20.08	19.71	19.64		
20	64QAM	1	49	19.66	19.87	20.02	19.70	19.65		
20	64QAM	1	99	19.95	19.80	19.78	19.89	19.78		
20	64QAM	50	0	19.69	19.83	19.89	19.93	19.75		
20	64QAM	50	24	19.56	19.82	19.82	19.66	19.75		
20	64QAM	50	50	19.52	19.98	19.84	19.71	19.75		
20	64QAM	100	0	19.61	19.63	19.98	19.92	19.51		
20	256QAM	1	0	19.78	19.87	19.92	19.92	19.81		
20	256QAM	1	49	19.66	19.91	20.02	19.91	19.84		
20	256QAM	1	99	19.68	19.85	20.07	19.87	19.71		
20	256QAM	50	0	19.66	19.96	19.95	19.93	19.64		
20	256QAM	50	24	19.71	19.89	19.83	19.89	19.62		
20	256QAM	50	50	19.78	19.93	20.03	19.82	19.62		
20	256QAM	100	0	19.71	19.79	20.00	19.87	19.69		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	19.88	19.78	20.18	19.73	19.85	21	0
15	QPSK	1	37	19.73	19.88	19.99	19.80	19.81		
15	QPSK	1	74	19.84	19.91	19.82	19.74	19.75		
15	QPSK	36	0	19.69	19.93	19.66	19.87	19.89		
15	QPSK	36	20	19.47	19.85	19.85	19.60	19.76		
15	QPSK	36	39	19.56	19.72	19.77	19.61	19.69		
15	QPSK	75	0	19.81	19.77	19.88	19.85	19.66		
15	16QAM	1	0	19.51	19.78	19.80	19.91	19.67		
15	16QAM	1	37	19.74	19.89	19.82	19.69	19.79		
15	16QAM	1	74	19.63	19.79	19.82	19.77	19.67		
15	16QAM	36	0	19.57	19.81	19.78	19.81	19.68		
15	16QAM	36	20	19.62	19.64	19.73	19.48	19.63		
15	16QAM	36	39	19.47	19.58	19.68	19.51	19.60		
15	16QAM	75	0	19.51	19.53	19.77	19.75	19.47		
15	64QAM	1	0	19.93	19.92	19.93	19.56	19.46		
15	64QAM	1	37	19.51	19.79	19.85	19.55	19.57		
15	64QAM	1	74	19.85	19.77	19.70	19.78	19.60		
15	64QAM	36	0	19.53	19.75	19.84	19.75	19.69		
15	64QAM	36	20	19.38	19.77	19.67	19.55	19.60		
15	64QAM	36	39	19.37	19.80	19.72	19.59	19.68		
15	64QAM	75	0	19.56	19.46	19.71	19.65	19.33		
15	256QAM	1	0	19.69	19.71	19.81	19.88	19.79		
15	256QAM	1	37	19.52	19.87	20.00	19.73	19.81		
15	256QAM	1	74	19.56	19.69	19.97	19.72	19.61		
15	256QAM	36	0	19.63	19.82	19.84	19.88	19.58		
15	256QAM	36	20	19.66	19.77	19.69	19.83	19.48		
15	256QAM	36	39	19.64	19.80	19.95	19.74	19.49		
15	256QAM	75	0	19.55	19.74	19.86	19.77	19.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	19.87	19.74	20.20	19.80	19.72	21	0
10	QPSK	1	25	19.76	19.87	19.99	19.90	19.80		
10	QPSK	1	49	19.74	19.79	19.91	19.72	19.80		
10	QPSK	25	0	19.69	19.92	19.94	19.77	19.80		
10	QPSK	25	12	19.45	19.81	19.79	19.71	19.79		
10	QPSK	25	25	19.57	19.70	19.91	19.69	19.73		
10	QPSK	50	0	19.75	19.67	19.95	19.88	19.60		
10	16QAM	1	0	19.61	19.91	19.86	19.85	19.64		
10	16QAM	1	25	19.79	19.90	19.80	19.66	19.64		
10	16QAM	1	49	19.70	19.70	19.64	19.76	19.65		
10	16QAM	25	0	19.55	19.85	19.75	19.78	19.71		
10	16QAM	25	12	19.53	19.72	19.80	19.55	19.65		
10	16QAM	25	25	19.49	19.69	19.71	19.56	19.63		
10	16QAM	50	0	19.51	19.51	19.69	19.62	19.42		
10	64QAM	1	0	19.85	19.78	20.02	19.90	19.58		
10	64QAM	1	25	19.53	19.81	19.98	19.67	19.54		
10	64QAM	1	49	19.85	19.64	19.70	19.71	19.71		
10	64QAM	25	0	19.60	19.65	19.77	19.83	19.62		
10	64QAM	25	12	19.42	19.74	19.77	19.59	19.58		
10	64QAM	25	25	19.47	19.90	19.76	19.62	19.59		
10	64QAM	50	0	19.51	19.62	19.57	19.82	19.34		
10	256QAM	1	0	19.70	19.85	19.80	19.87	19.73		
10	256QAM	1	25	19.58	19.87	19.90	19.73	19.70		
10	256QAM	1	49	19.58	19.70	20.02	19.84	19.62		
10	256QAM	25	0	19.49	19.91	19.77	19.75	19.57		
10	256QAM	25	12	19.64	19.76

GSM850 Ant1 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.15	31.14	31.00	32.50	22.15	22.14	22.00	23.50
GPRS 1 Tx slot	31.32	31.15	31.06	32.50	22.32	22.15	22.06	23.50
GPRS 2 Tx slots	28.54	28.45	28.38	29.50	22.54	22.45	22.38	23.50
GPRS 3 Tx slots	26.43	26.74	26.63	28.00	22.17	22.48	22.37	23.74
GPRS 4 Tx slots	25.02	25.22	25.14	26.00	22.02	22.22	22.14	23.00
EDGE 1 Tx slot	25.21	25.34	25.33	26.00	16.21	16.34	16.33	17.00
EDGE 2 Tx slots	23.59	23.68	23.62	24.50	17.59	17.68	17.62	18.50
EDGE 3 Tx slots	22.40	22.47	22.37	23.50	18.14	18.21	18.11	19.24
EDGE 4 Tx slots	20.19	20.34	20.24	21.00	17.19	17.34	17.24	18.00

GSM1900 Ant1 DSIS

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.75	25.75	25.79	26.00	16.75	16.75	16.79	17.00
GPRS 1 Tx slot	25.78	26.00	25.89	26.00	16.78	17.00	16.89	17.00
GPRS 2 Tx slots	22.29	22.44	22.24	23.00	16.29	16.44	16.24	17.00
GPRS 3 Tx slots	20.37	20.47	20.41	21.50	16.11	16.21	16.15	17.24
GPRS 4 Tx slots	19.44	19.40	19.43	19.50	16.44	16.40	16.43	16.50
EDGE 1 Tx slot	23.55	23.79	23.69	24.50	14.55	14.79	14.69	15.50
EDGE 2 Tx slots	21.84	22.06	21.93	23.00	15.84	16.06	15.93	17.00
EDGE 3 Tx slots	20.91	20.97	20.67	21.00	16.65	16.71	16.41	16.74
EDGE 4 Tx slots	18.59	18.84	18.74	20.00	15.59	15.84	15.74	17.00

		WCDMA II Ant1 DSIS				WCDMA IV Ant1 DSIS				WCDMA V Ant1 DSIS			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.2	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	15.42	15.35	15.34	16.40	16.15	16.38	16.34	17.50	20.33	20.39	20.48	21.60
3GPP Rel 99	RMC 12.2Kbps	15.46	15.50	15.48	16.40	16.46	16.54	16.33	17.50	20.59	20.66	20.62	21.60
3GPP Rel 6	HSDPA Subtest-1	14.33	14.59	14.41	15.40	15.45	15.51	15.22	16.50	19.53	19.55	19.52	20.60
3GPP Rel 6	HSDPA Subtest-2	14.70	14.38	14.36	15.40	15.41	15.59	15.46	16.50	19.51	19.45	19.72	20.60
3GPP Rel 6	HSDPA Subtest-3	14.12	14.11	13.90	14.90	14.88	14.89	14.86	16.00	18.97	19.16	19.08	20.10
3GPP Rel 6	HSDPA Subtest-4	14.21	13.92	13.91	14.90	14.92	14.91	14.92	16.00	19.07	19.23	19.04	20.10
3GPP Rel 8	DC-HSDPA Subtest-1	14.62	14.38	14.58	15.40	15.42	15.54	15.38	16.50	19.70	19.66	19.63	20.60
3GPP Rel 8	DC-HSDPA Subtest-2	14.50	14.47	14.44	15.40	15.52	15.41	15.38	16.50	19.37	19.53	19.74	20.60
3GPP Rel 8	DC-HSDPA Subtest-3	14.11	14.10	13.91	14.90	14.92	14.92	14.89	16.00	19.04	19.20	19.12	20.10
3GPP Rel 8	DC-HSDPA Subtest-4	14.17	14.14	14.06	14.90	14.87	14.94	15.01	16.00	19.07	19.04	19.06	20.10
3GPP Rel 6	HSUPA Subtest-1	14.63	14.42	14.35	15.40	15.41	15.56	15.31	16.50	19.60	19.63	19.56	20.60
3GPP Rel 6	HSUPA Subtest-2	12.66	12.43	12.40	13.40	13.30	13.58	13.38	14.50	17.50	17.59	17.77	18.60
3GPP Rel 6	HSUPA Subtest-3	13.62	13.57	13.31	14.40	14.40	14.41	14.20	15.50	18.71	18.74	18.70	19.60
3GPP Rel 6	HSUPA Subtest-4	12.45	12.54	12.45	13.40	13.57	13.63	13.35	14.50	17.55	17.63	17.61	18.60
3GPP Rel 6	HSUPA Subtest-5	14.36	14.45	14.47	15.40	15.34	15.55	15.43	16.50	19.68	19.58	19.75	20.60

Band 2 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.12	16.13	16.05	17	0
20	QPSK	1	49	16.12	15.99	15.95		
20	QPSK	1	99	15.98	15.96	15.92		
20	QPSK	50	0	16.01	16.11	15.98		
20	QPSK	50	24	16.00	15.85	15.83		
20	QPSK	50	50	16.00	15.77	16.04		
20	QPSK	100	0	16.02	16.05	15.90		
20	16QAM	1	0	15.97	15.80	15.83		
20	16QAM	1	49	15.79	15.86	15.89	17	0
20	16QAM	1	99	15.85	16.03	15.95		
20	16QAM	50	0	16.03	15.79	15.92		
20	16QAM	50	24	15.85	15.88	15.88		
20	16QAM	50	50	16.02	16.01	16.00		
20	16QAM	100	0	16.06	15.99	15.77		
20	64QAM	1	0	15.79	15.97	15.82		
20	64QAM	1	49	15.90	15.89	15.92	17	0
20	64QAM	1	99	16.08	15.94	15.77		
20	64QAM	50	0	15.82	15.93	16.00		
20	64QAM	50	24	15.91	15.91	15.92		
20	64QAM	50	50	16.07	15.78	15.92		
20	64QAM	100	0	15.94	15.94	15.82		
20	256QAM	1	0	15.94	16.05	15.88		
20	256QAM	1	49	16.08	15.88	15.78	17	0
20	256QAM	1	99	15.99	15.85	16.05		
20	256QAM	50	0	15.96	16.02	15.83		
20	256QAM	50	24	16.07	15.82	15.95	17	0
20	256QAM	50	50	15.94	15.96	15.96		
20	256QAM	100	0	15.94	16.03	15.86		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.07	16.11	15.92	17	0
15	QPSK	1	37	15.91	15.88	15.83		
15	QPSK	1	74	15.95	15.76	15.99		
15	QPSK	36	0	15.80	15.92	15.92		
15	QPSK	36	20	16.00	15.82	15.79		
15	QPSK	36	39	15.96	15.65	16.00		
15	QPSK	75	0	15.94	16.02	15.81		
15	16QAM	1	0	15.98	15.62	15.69	17	0
15	16QAM	1	37	15.75	15.70	15.73		
15	16QAM	1	74	15.86	15.95	15.74		
15	16QAM	36	0	15.95	15.65	15.78		
15	16QAM	36	20	15.72	15.68	15.86	17	0
15	16QAM	36	39	15.93	15.83	15.95		
15	16QAM	75	0	15.89	15.66	15.76		
15	64QAM	1	0	15.68	15.96	15.81		
15	64QAM	1	37	15.75	15.67	15.93	17	0
15	64QAM	1	74	15.88	15.86	15.59		
15	64QAM	36	0	15.79	15.81	15.99		
15	64QAM	36	20	15.70	15.75	15.91	17	0
15	64QAM	36	39	16.04	15.72	15.79		
15	64QAM	75	0	15.84	15.96	15.69		
15	256QAM	1	0	15.75	15.97	15.72		
15	256QAM	1	37	15.98	15.81	15.77	17	0
15	256QAM	1	74	16.00	15.80	16.01		
15	256QAM	36	0	15.86	15.92	15.71		
15	256QAM	36	20	16.02	15.65	15.81	17	0
15	256QAM	36	39	15.89	15.81	15.90		
15	256QAM	75	0	15.95	15.82	15.66		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.10	16.15	16.02	17	0
10	QPSK	1	25	16.04	15.81	15.89		
10	QPSK	1	49	15.88	15.81	15.81		
10	QPSK	25	0	15.90	16.04	15.76		
10	QPSK	25	12	15.93	15.82	15.84	17	0
10	QPSK	25	25	15.87	15.75	15.90		
10	QPSK	50	0	16.01	15.97	15.73		
10	16QAM	1	0	15.84	15.72	15.81		
10	16QAM	1	25	15.71	15.79	15.90	17	0
10	16QAM	1	49	15.65	16.04	15.91		
10	16QAM	25	0	15.95	15.57	15.77		
10	16QAM	25	12	15.84	15.72	15.83	17	0
10	16QAM	25	25	16.00	15.87	15.80		
10	16QAM	50	0	16.06	16.00	15.63		
10	64QAM	1	0	15.71	15.77	15.79		
10	64QAM	1	25	15.72	15.90	15.77	17	0
10	64QAM	1	49	15.97	15.82	15.72		
10	64QAM	25	0	15.80	15.78	16.01		
10	64QAM	25	12	15.77	15.86	15.73	17	0
10	64QAM	25	25	15.90	15.59	15.72		
10	64QAM	50	0	15.76	15.83	15.83		
10	256QAM	1	0	15.91	15.95	15.86		
10	256QAM	1	25	15.97	15.86	15.64	17	0
10	256QAM	1	49	16.00	15.65	15.96		
10	256QAM	25	0	15.80	15.87	15.85		
10	256QAM	25	12	15.91	15.81	15.74	17	0
10	256QAM	25	25	15.85	15.77	15.84		
10	256QAM	50	0	15.76	15.98	15.68		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.02	16.03	15.89	17	0
5	QPSK	1	12	15.92	15.78	15.80		
5	QPSK	1	24	15.93	15.90	16.04		
5	QPSK	12	0	15.80	15.94	15.82	17	0
5	QPSK	12	7	15.89	15.80	15.65		
5	QPSK	12	13	15.91	15.66	15.85		
5	QPSK	25	0	15.98	16.05	15.84		
5	16QAM	1	0	15.91	15.72	15.77		
5	16QAM	1	12	15.65	15.83	15.86	17	0
5	16QAM	1	24	15.75	16.04	15.84		
5	16QAM	12	0	15.90	15.72	15.72		
5	16QAM	12	7	15.75	15.69	15.67	17	0
5	16QAM	12	13	16.03	15.85	16.02		
5	16QAM	25	0	16.05	15.82	15.70		
5	64QAM	1	0	15.61	15.90	15.66		
5	64QAM	1	12	15.91	15.76	15.88	17	0
5	64QAM	1	24	16.03	15.76	15.61		
5	64QAM	12	0	15.66	15.72	16.00		
5	64QAM	12	7	15.88	15.72	15.74	17	0
5	64QAM	12	13	16.05	15.65	15.82		
5	64QAM	25	0	15.77	15.78	15.84		
5	256QAM	1	0	15.79	16.03	15.83		
5	256QAM	1	12	15.81	15.79	15.70	17	0
5	256QAM	1	24	15.98	15.80	15.93		
5	256QAM	12	0	15.76	15.76	15.78		
5	256QAM	12	7	15.92	15.65	15.85	17	0
5	256QAM	12	13	15.95	15.75	15.81		
5	256QAM	25	0	15.83	15.95	15.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.97	16.04	16.03	17	0
3	QPSK	1	8	16.09	15.90	15.83		
3	QPSK	1	14	15.85	15.75	15.88		
3	QPSK	8	0	15.91	16.00	15.84		
3	QPSK	8	4	15.81	15.76	15.69	17	0
3	QPSK	8	7	15.85	15.70	15.92		
3	QPSK	15	0	15.85	15.96	15.82		
3	16QAM	1	0	15.80	15.60	15.71		
3	16QAM	1	8	15.59	15.64	15.77	17	0
3	16QAM	1	14	15.77	15.85	15.77		
3	16QAM	8	0	16.01	15.57	15.80		
3	16QAM	8	4	15.77	15.72	15.89	17	0
3	16QAM	8	7	15.88	15.81	15.82		
3	16QAM	15	0	16.08	15.97	15.68		
3	64QAM	1	0	15.59	15.93	15.64		
3	64QAM	1	8	15.71	15.88	15.87	17	0
3	64QAM	1	14	16.03	15.77	15.73		
3	64QAM	8	0	15.74	15.81	15.88		
3	64QAM	8	4	15.90	15.84	15.87	17	0
3	64QAM	8	7	16.01	15.57	15.84		
3	64QAM	15	0	15.87	15.92	15.61		
3	256QAM	1	0	15.76	15.85	15.83		
3	256QAM	1	8	15.86	15.84	15.71	17	0
3	256QAM	1	14	16.01	15.85	16.03		
3	256QAM	8	0	15.98	15.97	15.81		
3	256QAM	8	4	15.95	15.69	15.75	17	0
3	256QAM	8	7	15.91	15.98	15.80		
3	256QAM	15	0	16.07	15.97	15.71		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.12	16.04	15.88	17	0
1.4	QPSK	1	3	15.92	15.99	15.84		
1.4	QPSK	1	5	15.95	15.77	15.90		
1.4	QPSK	3	0	15.92	15.91	15.81		
1.4	QPSK	3	1	15.80	15.87	15.74		
1.4	QPSK	3	3	15.82	15.58	15.99		
1.4	QPSK	6	0	15.81	15.94	15.88	17	0
1.4	16QAM	1	0	15.80	15.68	15.83	17	0
1.4	16QAM	1	3	15.70	15.81	15.78		
1.4	16QAM	1	5	15.70	16.02	15.74		
1.4	16QAM	3	0	15.89	15.63	15.93		
1.4	16QAM	3	1	15.74	15.89	15.86		
1.4	16QAM	3	3	15.91	16.02	15.80		
1.4	16QAM	6	0	16.00	15.92	15.72	17	0
1.4	64QAM	1	0	15.61	15.78	15.74	17	0
1.4	64QAM	1	3	15.75	15.90	15.72		
1.4	64QAM	1	5	15.95	15.88	15.76		
1.4	64QAM	3	0	15.83	15.77	15.98		
1.4	64QAM	3	1	15.75	15.93	15.78		
1.4	64QAM	3	3	16.09	15.74	15.91		
1.4	64QAM	6	0	15.80	15.77	15.80	17	0
1.4	256QAM	1	0	15.82	15.85	15.76	17	0
1.4	256QAM	1	3	15.87	15.84	15.77		
1.4	256QAM	1	5	15.85	15.71	15.87		
1.4	256QAM	3	0	15.74	15.88	15.81		
1.4	256QAM	3	1	15.88	15.81	15.79		
1.4	256QAM	3	3	15.78	15.80	15.94		
1.4	256QAM	6	0	15.83	15.89	15.86	17	0

Band 4 Ant1 DSI5 Simultaneous

BW [MHz]	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	15.16	15.18	15.01	16.7	0
20	QPSK	1	49	14.92	15.03	14.80		
20	QPSK	1	99	14.99	15.14	14.82		
20	QPSK	50	0	15.05	15.09	14.74		
20	QPSK	50	24	14.74	14.90	14.84		
20	QPSK	50	50	14.82	15.08	14.93		
20	QPSK	100	0	15.05	15.07	14.81		
20	16QAM	1	0	14.81	15.04	14.72		
20	16QAM	1	49	14.98	14.91	14.79	16.7	0
20	16QAM	1	99	15.00	14.95	14.78		
20	16QAM	50	0	14.91	15.14	14.77		
20	16QAM	50	24	14.78	15.12	14.74	16.7	0
20	16QAM	50	50	15.12	14.96	14.87		
20	16QAM	100	0	14.71	15.18	14.86		
20	64QAM	1	0	14.89	14.93	14.81		
20	64QAM	1	49	14.89	14.93	14.89	16.7	0
20	64QAM	1	99	14.93	14.98	14.85		
20	64QAM	50	0	14.88	14.94	14.92		
20	64QAM	50	24	15.06	14.95	14.81	16.7	0
20	64QAM	50	50	14.88	14.94	14.79		
20	64QAM	100	0	14.94	15.16	14.85		
20	256QAM	1	0	15.15	15.02	14.81		
20	256QAM	1	49	14.79	15.03	14.90	16.7	0
20	256QAM	1	99	14.92	15.13	14.75		
20	256QAM	50	0	14.90	15.04	14.79		
20	256QAM	50	24	14.88	15.03	14.99	16.7	0
20	256QAM	50	50	15.01	14.98	14.90		
20	256QAM	100	0	15.06	15.04	14.71		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.04	15.07	14.97	16.7	0
15	QPSK	1	37	14.91	14.96	14.87		
15	QPSK	1	74	14.99	15.02	14.96		
15	QPSK	36	0	14.88	15.03	14.95		
15	QPSK	36	20	14.93	14.76	15.00		
15	QPSK	36	39	14.89	14.93	14.80		
15	QPSK	75	0	15.03	15.02	14.80		
15	16QAM	1	0	14.92	14.92	14.87	16.7	0
15	16QAM	1	37	14.83	14.83	14.77		
15	16QAM	1	74	14.92	14.80	14.89		
15	16QAM	36	0	14.86	14.96	14.76		
15	16QAM	36	20	14.97	15.08	14.94	16.7	0
15	16QAM	36	39	14.99	14.78	14.72		
15	16QAM	75	0	14.89	14.96	14.80		
15	64QAM	1	0	14.81	14.82	14.77		
15	64QAM	1	37	14.87	14.86	14.83	16.7	0
15	64QAM	1	74	14.81	14.85	14.76		
15	64QAM	36	0	14.71	14.92	14.84		
15	64QAM	36	20	14.87	14.82	14.84	16.7	0
15	64QAM	36	39	14.73	14.81	14.77		
15	64QAM	75	0	14.91	14.98	14.81		
15	256QAM	1	0	15.03	14.93	14.77		
15	256QAM	1	37	14.77	14.89	14.74	16.7	0
15	256QAM	1	74	14.79	15.07	14.72		
15	256QAM	36	0	15.01	14.86	14.95		
15	256QAM	36	20	14.70	14.94	14.89	16.7	0
15	256QAM	36	39	14.89	14.96	14.72		
15	256QAM	75	0	14.97	14.97	14.95		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.02	15.12	14.99	16.7	0
10	QPSK	1	25	14.83	14.98	14.92		
10	QPSK	1	49	14.91	15.11	15.00		
10	QPSK	25	0	14.87	15.01	14.92		
10	QPSK	25	12	14.96	14.98	14.91	16.7	0
10	QPSK	25	25	15.01	14.94	14.89		
10	QPSK	50	0	14.88	14.92	14.77		
10	16QAM	1	0	14.73	14.94	14.87		
10	16QAM	1	25	14.93	14.81	14.71	16.7	0
10	16QAM	1	49	14.91	14.85	14.96		
10	16QAM	25	0	14.74	14.93	14.90		
10	16QAM	25	12	14.89	14.92	14.96	16.7	0
10	16QAM	25	25	15.01	14.85	14.78		
10	16QAM	50	0	15.01	15.00	14.84		
10	64QAM	1	0	14.75	14.78	14.97		
10	64QAM	1	25	14.76	14.92	14.72	16.7	0
10	64QAM	1	49	14.87	14.83	14.74		
10	64QAM	25	0	14.82	14.92	14.91		
10	64QAM	25	12	14.93	14.79	15.00	16.7	0
10	64QAM	25	25	14.84	14.92	14.76		
10	64QAM	50	0	14.80	15.14	14.81		
10	256QAM	1	0	15.01	14.83	14.74		
10	256QAM	1	25	14.98	14.87	14.73	16.7	0
10	256QAM	1	49	14.89	14.98	14.95		
10	256QAM	25	0	14.84	14.94	14.78		
10	256QAM	25	12	14.78	14.91	14.86	16.7	0
10	256QAM	25	25	14.98	14.92	14.83		
10	256QAM	50	0	15.00	14.95	14.94		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.08	15.06	14.98	16.7	0
5	QPSK	1	12	14.75	14.98	14.75		
5	QPSK	1	24	14.97	15.04	14.92		
5	QPSK	12	0	14.86	15.00	14.91		
5	QPSK	12	7	14.87	14.84	14.76	16.7	0
5	QPSK	12	13	14.90	15.00	14.92		
5	QPSK	25	0	14.89	14.89	14.94		
5	16QAM	1	0	14.92	14.99	14.87		
5	16QAM	1	12	14.94	14.79	14.84	16.7	0
5	16QAM	1	24	14.83	14.86	14.72		
5	16QAM	12	0	14.91	15.08	14.89		
5	16QAM	12	7	14.92	14.96	15.01	16.7	0
5	16QAM	12	13	14.96	14.79	14.70		
5	16QAM	25	0	15.01	15.02	14.87		
5	64QAM	1	0	14.79	14.89	14.76		
5	64QAM	1	12	14.77	14.76	14.77	16.7	0
5	64QAM	1	24	14.76	14.83	14.73		
5	64QAM	12	0	14.86	14.88	14.86		
5	64QAM	12	7	14.97	14.88	15.02	16.7	0
5	64QAM	12	13	14.77	14.81	14.73		
5	64QAM	25	0	14.80	14.99	14.78		
5	256QAM	1	0	15.13	14.90	14.70		
5	256QAM	1	12	14.76	14.99	14.74	16.7	0
5	256QAM	1	24	14.84	14.96	14.73		
5	256QAM	12	0	14.72	15.02	15.01		
5	256QAM	12	7	14.75	14.96	14.90	16.7	0
5	256QAM	12	13	14.86	14.84	14.83		
5	256QAM	25	0	14.91	14.95	14.86		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.08	15.02	14.95	16.7	0
3	QPSK	1	8	14.87	14.89	14.77		
3	QPSK	1	14	14.85	15.10	14.75		
3	QPSK	8	0	14.89	14.98	15.01		
3	QPSK	8	4	14.97	14.79	14.86	16.7	0
3	QPSK	8	7	14.79	14.98	14.90		
3	QPSK	15	0	14.97	14.90	14.86		
3	16QAM	1	0	14.72	14.89	14.90		
3	16QAM	1	8	14.92	14.77	14.92	16.7	0
3	16QAM	1	14	14.95	14.91	14.76		
3	16QAM	8	0	14.85	15.08	14.73		
3	16QAM	8	4	14.97	15.06	14.72	16.7	0
3	16QAM	8	7	15.11	14.80	14.84		
3	16QAM	15	0	15.02	15.15	14.84		
3	64QAM	1	0	14.86	14.82	14.74		
3	64QAM	1	8	14.86	14.79	14.87	16.7	0
3	64QAM	1	14	14.80	14.93	14.75		
3	64QAM	8	0	14.85	14.82	14.87		
3	64QAM	8	4	15.02	14.87	14.76	16.7	0
3	64QAM	8	7	14.71	14.76	14.94		
3	64QAM	15	0	14.77	15.06	14.82		
3	256QAM	1	0	15.09	14.92	14.72		
3	256QAM	1	8	15.01	14.94	14.91	16.7	0
3	256QAM	1	14	14.83	15.04	14.85		
3	256QAM	8	0	14.78	14.90	14.92		
3	256QAM	8	4	14.83	14.97	14.89	16.7	0
3	256QAM	8	7	14.89	14.90	14.84		
3	256QAM	15	0	14.96	14.96	14.93		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.10	15.12	14.97	16.7	0
1.4	QPSK	1	3	14.73	14.89	14.75		
1.4	QPSK	1	5	14.96	15.03	14.78		
1.4	QPSK	3	0	14.97	15.01	14.99		
1.4	QPSK	3	1	15.02	14.84	14.86		
1.4	QPSK	3	3	14.96	15.01	15.01		
1.4	QPSK	6	0	14.99	14.92	14.94	16.7	0
1.4	16QAM	1	0	14.74	14.90	14.70	16.7	0
1.4	16QAM	1	3	14.95	14.72	14.72		
1.4	16QAM	1	5	14.89	14.88	14.74		
1.4	16QAM	3	0	14.96	14.87	15.01		
1.4	16QAM	3	1	15.00	14.84	14.98		
1.4	16QAM	3	3	15.04	14.92	14.84		
1.4	16QAM	6	0	14.88	15.07	14.98	16.7	0
1.4	64QAM	1	0	14.86	14.87	14.76	16.7	0
1.4	64QAM	1	3	14.72	14.79	14.70		
1.4	64QAM	1	5	14.91	14.85	14.77		
1.4	64QAM	3	0	14.76	14.88	14.79		
1.4	64QAM	3	1	14.99	14.79	14.95		
1.4	64QAM	3	3	14.75	14.84	14.93		
1.4	64QAM	6	0	14.86	15.05	14.92	16.7	0
1.4	256QAM	1	0	15.02	15.01	14.70	16.7	0
1.4	256QAM	1	3	14.78	14.88	14.78		
1.4	256QAM	1	5	14.80	15.07	14.73		
1.4	256QAM	3	0	14.80	14.92	14.77		
1.4	256QAM	3	1	14.76	14.92	14.88		
1.4	256QAM	3	3	14.84	14.96	14.87		
1.4	256QAM	6	0	15.02	14.98	15.01	16.7	0

Band 5 Ant1 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.35	21.61	21.37	23	0
10	QPSK	1	25	21.26	21.31	21.35		
10	QPSK	1	49	21.30	21.49	21.46		
10	QPSK	25	0	21.34	21.47	21.14		
10	QPSK	25	12	21.42	21.20	21.22	23	0
10	QPSK	25	25	21.41	21.20	21.27		
10	QPSK	50	0	21.15	21.26	21.15		
10	16QAM	1	0	21.18	21.41	21.33		
10	16QAM	1	25	21.15	21.25	21.26	23	0
10	16QAM	1	49	21.18	21.29	21.33		
10	16QAM	25	0	21.12	21.56	21.18		
10	16QAM	25	12	21.33	21.28	21.17	23	0
10	16QAM	25

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	22.38	22.48	22.39	24	0
10	QPSK	1	25	22.27	22.42	22.18		
10	QPSK	1	49	22.25	22.42	22.28		
10	QPSK	25	0	22.39	22.47	22.34	24	0
10	QPSK	25	12	22.29	22.45	22.20		
10	QPSK	25	25	22.36	22.30	22.08		
10	QPSK	50	0	22.39	22.43	22.27		
10	16QAM	1	0	22.25	22.39	22.24	24	0
10	16QAM	1	25	22.31	22.34	22.23		
10	16QAM	1	49	22.08	22.24	22.24		
10	16QAM	25	0	21.54	21.54	21.67	23	1
10	16QAM	25	12	21.47	21.66	21.58		
10	16QAM	25	25	21.66	21.57	21.49		
10	16QAM	50	0	21.56	21.64	21.48		
10	64QAM	1	0	21.44	21.42	21.61	23	1
10	64QAM	1	25	21.47	21.62	21.51		
10	64QAM	1	49	21.46	21.46	21.56		
10	64QAM	25	0	20.41	20.47	20.58	22	2
10	64QAM	25	12	20.49	20.59	20.56		
10	64QAM	25	25	20.40	20.45	20.59		
10	64QAM	50	0	20.45	20.57	20.52		
10	256QAM	1	0	18.56	18.68	18.56	20	4
10	256QAM	1	25	18.55	18.63	18.57		
10	256QAM	1	49	18.59	18.63	18.67		
10	256QAM	25	0	18.61	18.66	18.58	20	4
10	256QAM	25	12	18.66	18.48	18.48		
10	256QAM	25	25	18.49	18.57	18.64		
10	256QAM	50	0	18.51	18.46	18.61		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.37	22.33	22.38	24	0
5	QPSK	1	12	22.03	22.25	22.15		
5	QPSK	1	24	22.17	22.32	22.24		
5	QPSK	12	0	22.29	22.46	22.27	24	0
5	QPSK	12	7	22.18	22.33	22.29		
5	QPSK	12	13	22.42	22.18	22.29		
5	QPSK	25	0	22.21	22.28	22.21		
5	16QAM	1	0	22.18	22.26	22.27	24	0
5	16QAM	1	12	22.27	22.40	22.09		
5	16QAM	1	24	22.03	22.07	22.02		
5	16QAM	12	0	21.46	21.56	21.48	23	1
5	16QAM	12	7	21.43	21.53	21.48		
5	16QAM	12	13	21.38	21.38	21.56		
5	16QAM	25	0	21.49	21.55	21.47		
5	64QAM	1	0	21.50	21.33	21.34	23	1
5	64QAM	1	12	21.39	21.47	21.47		
5	64QAM	1	24	21.45	21.42	21.46		
5	64QAM	12	0	20.43	20.40	20.38	22	2
5	64QAM	12	7	20.30	20.30	20.45		
5	64QAM	12	13	20.36	20.31	20.34		
5	64QAM	25	0	20.45	20.41	20.48		
5	256QAM	1	0	18.61	18.57	18.45	20	4
5	256QAM	1	12	18.49	18.47	18.52		
5	256QAM	1	24	18.52	18.55	18.64		
5	256QAM	12	0	18.47	18.47	18.39	20	4
5	256QAM	12	7	18.50	18.48	18.46		
5	256QAM	12	13	18.44	18.39	18.48		
5	256QAM	25	0	18.55	18.45	18.41		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.42	22.41	22.28	24	0
3	QPSK	1	8	22.13	22.33	22.01		
3	QPSK	1	14	22.15	22.34	22.20		
3	QPSK	8	0	22.23	22.27	22.26	24	0
3	QPSK	8	4	22.18	22.33	22.05		
3	QPSK	8	7	22.40	22.33	22.06		
3	QPSK	15	0	22.24	22.28	22.13		
3	16QAM	1	0	22.10	22.19	22.19	24	0
3	16QAM	1	8	22.25	22.42	22.16		
3	16QAM	1	14	22.09	22.12	22.07		
3	16QAM	8	0	21.53	21.57	21.57	23	1
3	16QAM	8	4	21.52	21.39	21.48		
3	16QAM	8	7	21.54	21.43	21.42		
3	16QAM	15	0	21.45	21.43	21.49		
3	64QAM	1	0	21.44	21.41	21.43	23	1
3	64QAM	1	8	21.45	21.46	21.34		
3	64QAM	1	14	21.37	21.41	21.49		
3	64QAM	8	0	20.30	20.47	20.39	22	2
3	64QAM	8	4	20.38	20.46	20.34		
3	64QAM	8	7	20.35	20.46	20.31		
3	64QAM	15	0	20.45	20.30	20.35		
3	256QAM	1	0	18.53	18.60	18.49	20	4
3	256QAM	1	8	18.48	18.49	18.50		
3	256QAM	1	14	18.48	18.61	18.62		
3	256QAM	8	0	18.42	18.51	18.37	20	4
3	256QAM	8	4	18.44	18.56	18.47		
3	256QAM	8	7	18.54	18.38	18.55		
3	256QAM	15	0	18.48	18.44	18.56		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.40	22.32	22.38	24	0
1.4	QPSK	1	3	22.18	22.26	22.12		
1.4	QPSK	1	5	22.21	22.41	22.15		
1.4	QPSK	3	0	22.22	22.31	22.18		
1.4	QPSK	3	1	22.12	22.43	22.11		
1.4	QPSK	3	3	22.31	22.25	22.04		
1.4	QPSK	6	0	22.15	22.29	22.25	24	0
1.4	16QAM	1	0	22.07	22.27	22.19	24	0
1.4	16QAM	1	3	22.30	22.34	22.18		
1.4	16QAM	1	5	22.18	22.16	22.04		
1.4	16QAM	3	0	22.13	22.31	22.19		
1.4	16QAM	3	1	22.29	22.40	22.18		
1.4	16QAM	3	3	22.06	22.21	22.18		
1.4	16QAM	6	0	21.38	21.43	21.48	23	1
1.4	64QAM	1	0	21.43	21.40	21.43	23	1
1.4	64QAM	1	3	21.48	21.38	21.54		
1.4	64QAM	1	5	21.55	21.43	21.43		
1.4	64QAM	3	0	21.51	21.51	21.37		
1.4	64QAM	3	1	21.45	21.40	21.42		
1.4	64QAM	3	3	21.44	21.47	21.36		
1.4	64QAM	6	0	20.37	20.43	20.42	22	2
1.4	256QAM	1	0	18.60	18.60	18.54	20	4
1.4	256QAM	1	3	18.47	18.46	18.59		
1.4	256QAM	1	5	18.46	18.44	18.47		
1.4	256QAM	3	0	18.54	18.44	18.52		
1.4	256QAM	3	1	18.46	18.40	18.44		
1.4	256QAM	3	3	18.47	18.44	18.50		
1.4	256QAM	6	0	18.46	18.50	18.51	20	4

Band 13 Ant1 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.54		22.4	0
10	QPSK	1	25		21.36			
10	QPSK	1	49		21.28			
10	QPSK	25	0		21.31		22.4	0
10	QPSK	25	12		21.29			
10	QPSK	25	25		21.30			
10	QPSK	50	0		21.29			
10	16QAM	1	0		21.53		22.4	0
10	16QAM	1	25		21.33			
10	16QAM	1	49		21.28			
10	16QAM	25	0		21.37		22.4	0
10	16QAM	25	12		21.34			
10	16QAM	25	25		21.46			
10	16QAM	50	0		21.39			
10	64QAM	1	0		21.45		22.4	0
10	64QAM	1	25		21.27			
10	64QAM	1	49		21.41			
10	64QAM	25	0		21.46		22.4	0
10	64QAM	25	12		21.39			
10	64QAM	25	25		21.45			
10	64QAM	50	0		21.37			
10	256QAM	1	0		19.23		20.4	2
10	256QAM	1	25		19.32			
10	256QAM	1	49		19.31			
10	256QAM	25	0		19.14		20.4	2
10	256QAM	25	12		19.06			
10	256QAM	25	25		19.19			
10	256QAM	50	0		19.15			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.35	21.40	21.34	22.4	0
5	QPSK	1	12	21.42	21.35	21.44		
5	QPSK	1	24	21.27	21.25	21.21		
5	QPSK	12	0	21.32	21.23	21.26	22.4	0
5	QPSK	12	7	21.40	21.24	21.40		
5	QPSK	12	13	21.29	21.37	21.28		
5	QPSK	25	0	21.23	21.21	21.14		
5	16QAM	1	0	21.26	21.44	21.32	22.4	0
5	16QAM	1	12	21.30	21.40	21.46		
5	16QAM	1	24	21.33	21.19	21.31		
5	16QAM	12	0	21.25	21.30	21.34	22.4	0
5	16QAM	12	7	21.32	21.34	21.30		
5	16QAM	12	13	21.28	21.32	21.39		
5	16QAM	25	0	21.36	21.33	21.28		
5	64QAM	1	0	21.28	21.38	21.31	22.4	0
5	64QAM	1	12	21.36	21.33	21.45		
5	64QAM	1	24	21.38	21.26	21.22		
5	64QAM	12	0	21.28	21.29	21.25	22.4	0
5	64QAM	12	7	21.34	21.36	21.36		
5	64QAM	12	13	21.18	21.33	21.36		
5	64QAM	25	0	21.26	21.19	21.13		
5	256QAM	1	0	19.13	19.22	19.20	20.4	2
5	256QAM	1	12	19.11	19.24	19.06		
5	256QAM	1	24	19.24	19.14	19.17		
5	256QAM	12	0	19.00	19.08	19.03	20.4	2
5	256QAM	12	7	19.04	19.12	19.06		
5	256QAM	12	13	19.02	19.12	19.04		
5	256QAM	25	0	19.10	19.08	19.00		

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	22.35	22.42	22.39	24	0
10	QPSK	1	25	22.32	22.39	22.33		
10	QPSK	1	49	22.33	22.34	22.32		
10	QPSK	25	0	22.34	22.37	22.36	24	0
10	QPSK	25	12	22.29	22.27	22.33		
10	QPSK	25	25	22.32	22.32	22.27		
10	QPSK	50	0	22.26	22.32	22.26		
10	16QAM	1	0	22.26	22.27	22.21	24	0
10	16QAM	1	25	22.26	22.20	22.32		
10	16QAM	1	49	22.25	22.27	22.22		
10	16QAM	25	0	21.61	21.68	21.70	23	1
10	16QAM	25	12	21.54	21.55	21.68		
10	16QAM	25	25	21.56	21.59	21.71		
10	16QAM	50	0	21.70	21.71	21.55		
10	64QAM	1	0	21.78	21.74	21.62	23	1
10	64QAM	1	25	21.73	21.80	21.76		
10	64QAM	1	49	21.69	21.76	21.72		
10	64QAM	25	0	20.57	20.54	20.57	22	2
10	64QAM	25	12	20.59	20.56	20.53		
10	64QAM	25	25	20.53	20.47	20.49		
10	64QAM	50	0	20.56	20.55	20.52		
10	256QAM	1	0	18.69	18.60	18.60	20	4
10	256QAM	1	25	18.72	18.71	18.72		
10	256QAM	1	49	18.74	18.65	18.65		
10	256QAM	25	0	18.59	18.56	18.63	20	4
10	256QAM	25	12	18.52	18.62	18.61		
10	256QAM	25	25	18.69	18.67	18.67		
10	256QAM	50	0	18.52	18.59	18.64		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.35	22.41	22.28	24	0
5	QPSK	1	12	22.33	22.29	22.28		
5	QPSK	1	24	22.27	22.29	22.38		
5	QPSK	12	0	22.24	22.25	22.31	24	0
5	QPSK	12	7	22.23	22.27	22.35		
5	QPSK	12	13	22.25	22.29	22.34		
5	QPSK	25	0	22.25	22.18	22.14		
5	16QAM	1	0	22.22	22.18	22.10	24	0
5	16QAM	1	12	22.21	22.24	22.15		
5	16QAM	1	24	22.25	22.10	22.20		
5	16QAM	12	0	21.58	21.51	21.48	23	1
5	16QAM	12	7	21.46	21.61	21.61		
5	16QAM	12	13	21.61	21.57	21.62		
5	16QAM	25	0	21.62	21.43	21.47		
5	64QAM	1	0	21.57	21.59	21.51	23	1
5	64QAM	1	12	21.60	21.58	21.53		
5	64QAM	1	24	21.52	21.61	21.68		
5	64QAM	12	0	20.56	20.48	20.44	22	2
5	64QAM	12	7	20.36	20.54	20.55		
5	64QAM	12	13	20.51	20.37	20.41		
5	64QAM	25	0	20.38	20.41	20.41		
5	256QAM	1	0	18.52	18.60	18.54	20	4
5	256QAM	1	12	18.65	18.58	18.52		
5	256QAM	1	24	18.59	18.50	18.52		
5	256QAM	12	0	18.54	18.50	18.55	20	4
5	256QAM	12	7	18.57	18.58	18.51		
5	256QAM	12	13	18.50	18.41	18.53		
5	256QAM	25	0	18.51	18.59	18.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	16.12	16.20	16.10		
20	QPSK	1	49	15.93	15.99	15.93	17	0
20	QPSK	1	99	16.03	16.15	15.93		
20	QPSK	50	0	15.96	16.19	16.11		
20	QPSK	50	24	15.91	15.79	15.89	17	0
20	QPSK	50	50	15.87	16.15	15.86		
20	QPSK	100	0	15.96	16.13	16.01		
20	16QAM	1	0	15.80	15.88	15.92		
20	16QAM	1	49	15.98	16.04	15.90	17	0
20	16QAM	1	99	15.86	15.99	16.03		
20	16QAM	50	0	15.76	15.93	15.73		
20	16QAM	50	24	15.95	16.12	15.89	17	0
20	16QAM	50	50	15.84	16.03	16.06		
20	16QAM	100	0	15.84	15.89	15.95		
20	64QAM	1	0	16.00	16.09	15.75		
20	64QAM	1	49	15.92	16.02	15.90	17	0
20	64QAM	1	99	15.83	15.95	15.85		
20	64QAM	50	0	15.85	16.10	15.83		
20	64QAM	50	24	15.88	16.15	16.05	17	0
20	64QAM	50	50	15.90	15.77	15.93		
20	64QAM	100	0	15.88	15.99	15.72		
20	256QAM	1	0	15.80	16.12	16.00		
20	256QAM	1	49	15.72	15.92	15.82	17	0
20	256QAM	1	99	16.02	16.08	15.82		
20	256QAM	50	0	15.82	16.06	16.06		
20	256QAM	50	24	15.72	15.90	15.94	17	0
20	256QAM	50	50	16.03	16.04	15.78		
20	256QAM	100	0	15.91	16.18	15.92		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.08	16.18	15.96		
15	QPSK	1	37	15.93	15.79	15.92	17	0
15	QPSK	1	74	15.82	16.10	15.82		
15	QPSK	36	0	15.75	16.10	15.91		
15	QPSK	36	20	15.92	15.65	15.73	17	0
15	QPSK	36	39	15.68	16.12	15.73		
15	QPSK	75	0	15.91	16.12	16.01		
15	16QAM	1	0	15.69	15.72	15.94		
15	16QAM	1	37	15.78	15.91	15.81	17	0
15	16QAM	1	74	15.88	15.98	15.95		
15	16QAM	36	0	15.93	15.79	15.72		
15	16QAM	36	20	15.89	16.16	15.84	17	0
15	16QAM	36	39	15.78	16.00	15.96		
15	16QAM	75	0	15.83	15.85	15.91		
15	64QAM	1	0	16.01	15.90	15.76		
15	64QAM	1	37	15.77	15.85	15.75	17	0
15	64QAM	1	74	15.78	15.80	15.68		
15	64QAM	36	0	15.85	16.03	15.66		
15	64QAM	36	20	15.86	16.07	15.86	17	0
15	64QAM	36	39	15.77	15.72	15.77		
15	64QAM	75	0	15.90	15.95	15.52		
15	256QAM	1	0	15.71	15.98	16.00		
15	256QAM	1	37	15.73	15.85	15.64	17	0
15	256QAM	1	74	15.88	15.98	15.78		
15	256QAM	36	0	15.76	15.88	15.74		
15	256QAM	36	20	15.90	16.11	15.77	17	0
15	256QAM	36	39	15.92	16.06	16.10		
15	256QAM	75	0	15.86	16.14	15.78		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.96	16.05	16.10		
10	QPSK	1	25	15.77	15.95	15.84	17	0
10	QPSK	1	49	15.95	15.99	15.75		
10	QPSK	25	0	15.86	15.99	15.90		
10	QPSK	25	12	15.77	15.65	15.73	17	0
10	QPSK	25	25	15.84	16.00	15.69		
10	QPSK	50	0	15.83	16.07	15.97		
10	16QAM	1	0	15.78	15.77	15.79		
10	16QAM	1	25	15.96	15.99	15.74	17	0
10	16QAM	1	49	15.68	16.00	16.00		
10	16QAM	25	0	15.75	15.89	15.67		
10	16QAM	25	12	15.86	15.92	15.67	17	0
10	16QAM	25	25	15.82	15.99	16.07		
10	16QAM	50	0	15.81	15.91	15.81		
10	64QAM	1	0	15.95	15.93	15.71		
10	64QAM	1	25	15.89	15.96	15.70	17	0
10	64QAM	1	49	15.74	15.92	15.84		
10	64QAM	25	0	15.72	15.95	15.92		
10	64QAM	25	12	15.69	15.96	16.05	17	0
10	64QAM	25	25	15.73	15.73	15.73		
10	64QAM	50	0	15.77	15.85	15.65		
10	256QAM	1	0	15.74	16.07	15.88		
10	256QAM	1	25	15.70	15.84	15.68	17	0
10	256QAM	1	49	16.00	16.01	15.61		
10	256QAM	25	0	15.64	16.05	16.02		
10	256QAM	25	12	15.57	15.84	15.76	17	0
10	256QAM	25	25	16.04	15.93	15.61		
10	256QAM	50	0	15.87	16.12	15.74		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.00	16.12	16.06		
5	QPSK	1	12	15.82	15.78	15.78	17	0
5	QPSK	1	24	16.02	16.06	15.83		
5	QPSK	12	0	15.94	16.04	16.09		
5	QPSK	12	7	15.71	15.80	15.75	17	0
5	QPSK	12	13	15.88	16.17	15.87		
5	QPSK	25	0	15.82	16.10	15.81		
5	16QAM	1	0	15.61	15.78	15.81		
5	16QAM	1	12	15.84	16.04	15.81	17	0
5	16QAM	1	24	15.70	15.99	15.86		
5	16QAM	12	0	15.55	15.93	15.69		
5	16QAM	12	7	15.77	15.98	15.85	17	0
5	16QAM	12	13	15.83	15.88	15.88		
5	16QAM	25	0	15.72	15.69	15.87		
5	64QAM	1	0	15.79	15.95	15.77		
5	64QAM	1	12	15.83	15.92	15.86	17	0
5	64QAM	1	24	15.72	15.84	15.70		
5	64QAM	12	0	15.66	15.92	15.82		
5	64QAM	12	7	15.80	16.11	15.99	17	0
5	64QAM	12	13	15.83	15.73	15.71		
5	64QAM	25	0	15.78	16.01	15.68		
5	256QAM	1	0	15.65	15.97	15.96		
5	256QAM	1	12	15.63	15.81	15.60	17	0
5	256QAM	1	24	15.91	15.93	15.67		
5	256QAM	12	0	15.81	15.98	15.93		
5	256QAM	12	7	16.05	16.00	15.81	17	0
5	256QAM	12	13	15.78	16.19	15.99		
5	256QAM	25	0	15.70	16.05	15.85		
Channel				26065	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.92	16.14	15.99		
3	QPSK	1	8	15.85	15.82	15.91	17	0
3	QPSK	1	14	16.05	16.10	15.82		
3	QPSK	8	0	15.94	16.13	16.13		
3	QPSK	8	4	15.90	15.71	15.70	17	0
3	QPSK	8	7	15.70	16.11	15.70		
3	QPSK	15	0	15.75	15.93	16.00		
3	16QAM	1	0	15.77	15.69	15.87		
3	16QAM	1	8	15.97	16.05	15.73	17	0
3	16QAM	1	14	15.71	15.78	15.96		
3	16QAM	8	0	15.73	15.92	15.75		
3	16QAM	8	4	15.83	16.12	15.81	17	0
3	16QAM	8	7	15.78	16.19	16.10		
3	16QAM	15	0	15.82	15.85	15.90		
3	64QAM	1	0	15.82	16.05	15.75		
3	64QAM	1	8	15.70	15.96	15.88	17	0
3	64QAM	1	14	15.73	15.96	15.75		
3	64QAM	8	0	15.85	16.08	15.63		
3	64QAM	8	4	15.70	16.02	15.92	17	0
3	64QAM	8	7	15.85	15.61	15.88		
3	64QAM	15	0	15.70	15.93	15.70		
3	256QAM	1	0	15.72	16.02	15.84		
3	256QAM	1	8	15.69	15.85	15.67	17	0
3	256QAM	1	14	16.02	16.06	15.67		
3	256QAM	8	0	15.61	15.92	15.96		
3	256QAM	8	4	15.52	15.86	15.85	17	0
3	256QAM	8	7	15.96	15.84	15.65		
3	256QAM	15	0	15.74	16.17	15.80		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.11	16.01	16.02		
1.4	QPSK	1	3	15.81	15.90	15.78	17	0
1.4	QPSK	1	5	15.86	16.04	15.82		
1.4	QPSK	3	0	15.91	16.00	15.99		
1.4	QPSK	3	1	15.72	15.69	15.74		
1.4	QPSK	3	3	15.81	15.94	15.72		
1.4	QPSK	6	0	15.83	15.93	15.88	17	0
1.4	16QAM	1	0	15.68	15.86	15.78		
1.4	16QAM	1	3	15.79	15.95	15.88		
1.4	16QAM	1	5	15.80	15.80	15.93	17	0
1.4	16QAM	3	0	15.69	15.84	15.72		
1.4	16QAM	3	1	15.93	16.07	15.80		
1.4	16QAM	3	3	15.72	15.83	15.98		
1.4	16QAM	6	0	15.85	15.77	15.75	17	0
1.4	64QAM	1	0	15.79	15.98	15.69		
1.4	64QAM	1	3	15.77	15.83	15.77		
1.4	64QAM	1	5	15.73	15.84	15.81	17	0
1.4	64QAM	3	0	15.84	16.06	15.76		
1.4	64QAM	3	1	15.80	15.99	15.94		
1.4	64QAM	3	3	15.70	15.71	15.75		
1.4	64QAM	6	0	15.69	15.79	15.56	17	0
1.4	256QAM	1	0	15.73	16.10	15.84		
1.4	256QAM	1	3	15.73	15.83	15.74		
1.4	256QAM	1	5	15.98	16.01	15.84	17	0
1.4	256QAM	3	0	15.67	16.02	15.96		
1.4	256QAM	3	1	15.55	15.85	15.88		
1.4	256QAM	3	3	15.82	15.94	15.79		
1.4	256QAM	6	0	15.85	16.05	15.72	17	0

Band 26 Default

BW [MHz]	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	21.48	21.75	21.57		
15	QPSK	1	37	21.42	21.56	21.49	23	0
15	QPSK	1	74	21.48	21.52	21.63		
15	QPSK	36	0	21.60	21.67	21.43		
15	QPSK	36	20	21.59	21.46	21.41	23	0
15	QPSK	36	39	21.55	21.43	21.46		
15	QPSK	75	0	21.38	21.46	21.35		
15	16QAM	1	0	21.30	21.61	21.49		
15	16QAM	1	37	21.34	21.39	21.47	23	0
15	16QAM	1	74	21.46	21.43	21.46		
15	16QAM	36	0	21.38	21.71	21.46		
15	16QAM	36	20	21.28	21.42	21.32	23	0
15	16QAM	36	39	21.44	21.49	21.56		
15	16QAM	75	0	21.52	21.64	21.27		
15	64QAM	1	0	21.42	21.36	21.37		
15	64QAM	1	37	21.50	21.30	21.41	23	0
15	64QAM	1	74	21.30	21.36	21.18		
15	64QAM	36	0	20.71	20.67	20.65		
15	64QAM	36	20	20.60	20.67	20.57	22	1
15	64QAM	36	39	20.60	20.72	20.59		
15	64QAM	75	0	20.73	20.76	20.73		
15	256QAM	1	0	18.74	18.84	18.88		
15	256QAM	1	37	18.70	18.73	18.88	20	3
15	256QAM	1	74	18.83	18.87	18.79		
15	256QAM	36	0	18.73	18.78	18.65		
15	256QAM	36	20	18.75	18.64	18.80	20	3
15	256QAM	36	39	18.68	18.63	18.66		
15	256QAM	75	0	18.65	18.80	18.71		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.35	21.59	21.53		
10	QPSK	1	25	21.28	21.54	21.42	23	0
10	QPSK	1	49	21.39	21.48	21.48		
10	QPSK	25	0	21.55	21.51	21.26		
10	QPSK	25	12	21.52	21.35	21.30	23	0
10	QPSK	25	25	21.40	21.29	21.42		
10	QPSK	50	0	21.25	21.39	21.31		
10	16QAM	1	0	21.11	21.48	21.31		
10	16QAM	1	25	21.27	21.27	21.40	23	0
10	16QAM	1	49	21.34	21.26	21.43		
10	16QAM	25	0	21.26	21.61	21.39		
10	16QAM	25	12	21.18	21.40	21.15	23	0
10	16QAM	25	25	21.42	21.32	21.46		
10	16QAM	50	0	21.47	21.51	21.15		
10	64QAM	1	0	21.38	21.31	21.24		
10	64QAM	1	25	21.44	21.23	21.27	23	0
10	64QAM	1	49	21.19	21.19	21.13		
10	64QAM	25	0	20.70	20.64	20.53		
10	64QAM	25	12	20.64	20.49	20.47	22	1
10	64QAM	25	25	20.53	20.70	20.47		
10	64QAM	50	0	20.58	20.67	20.57		
10	256QAM	1	0	18.67	18.78	18.75		
10	256QAM	1	25	18.65	18.58	18.84	20	3
10	256QAM	1	49	18.66	18.82	18.65		
10	256QAM	25	0	18.62	18.72	18.61		
10	256QAM	25	12	18.65	18.53	18.70	20	3
10	256QAM	25	25	18.50	18.47	18.55		
10	256QAM	50	0	18.47	18.69	18.56		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.32	21.60	21.52		
5	QPSK	1	12	21.30	21.55	21.47	23	0
5	QPSK	1	24	21.38	21.50	21.56		
5	QPSK	12	0	21.43	21.50	21.37		
5	QPSK	12	7	21.57	21.37	21.27	23	0
5	QPSK	12	13	21.47	21.30	21.35		
5	QPSK	25	0	21.31	21.35	21.23		
5	16QAM	1	0	21.16	21.49	21.39		
5	16QAM	1	12	21.28	21.20	21.33	23	0
5	16QAM	1	24	21.44	21.38	21.38		
5	16QAM	12	0	21.26	21.63	21.39		
5	16QAM	12	7	21.17	21.40	21.19	23	0
5	16QAM	12	13	21.33	21.34	21.54		
5	16QAM	25	0	21.38	21.51	21.11		
5	64QAM	1	0	21.31	21.24	21.24		
5	64QAM	1	12	21.36	21.16	21.36	23	0
5	64QAM	1	24	21.25	21.27	21.02		
5	64QAM	12	0	20.70	20.51	20.47		
5	64QAM	12	7	20.53	20.54	20.54	22	1
5	64QAM	12	13	20.46	20.66	20.58		
5	64QAM	25	0	20.67	20.67	20.55		
5	256QAM	1	0	18.61	18.76	18.82		
5	256QAM	1	12	18.62	18.61	18.85	20	3
5	256QAM	1	24	18.81	18.83	18.77		
5	256QAM	12	0	18.62	18.72	18.63		
5	256QAM	12	7	18.68	18.54	18.73	20	3
5	256QAM	12	13	18.66	18.56	18.49		
5	256QAM	25	0	18.47	18.76	18.64		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.43	21.56	21.45		
3	QPSK	1	8	21.36	21.44	21.33	23	0
3	QPSK	1	14	21.42	21.46	21.62		
3	QPSK	8	0	21.57	21.61	21.30		
3	QPSK	8	4	21.44	21.41	21.28	23	0
3	QPSK	8	7	21.38	21.28	21.34		
3	QPSK	15	0	21.21	21.30	21.22		
3	16QAM	1	0	21.15	21.44	21.35		
3	16QAM	1	8	21.26	21.32	21.28	23	0
3	16QAM	1	14	21.30	21.36	21.40		
3	16QAM	8	0	21.20	21.63	21.42		
3	16QAM	8	4	21.20	21.40	21.19	23	0
3	16QAM	8	7	21.37	21.45	21.40		
3	16QAM	15	0	21.50	21.49	21.09		
3	64QAM	1	0	21.29	21.22	21.20		
3	64QAM	1	8	21.46	21.16	21.34	23	0
3	64QAM	1	14	21.28	21.26	21.11		
3	64QAM	8	0	20.59	20.58	20.59		
3	64QAM	8	4	20.55	20.56	20.55	22	1
3	64QAM	8	7	20.58	20.65	20.46		
3	64QAM	15	0	20.60	20.62	20.62		
3	256QAM	1	0	18.60	18.69	18.81		
3	256QAM	1	8	18.55	18.59	18.72	20	3
3	256QAM	1	14	18.69	18.85	18.62		
3	256QAM	8	0	18.62	18.66	18.48		
3	256QAM	8	4	18.73	18.61	18.78	20	3
3	256QAM	8	7	18.53	18.58	18.51		
3	256QAM	15	0	18.64	18.78	18.64		
Channel				26667	26865	27063	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.33	21.62	21.47		
1.4	QPSK	1	3	21.28	21.42	21.35		
1.4	QPSK	1	5	21.46	21.44	21.56	23	0
1.4	QPSK	3	0	21.42	21.58	21.39		
1.4	QPSK	3	1	21.50	21.27	21.28		
1.4	QPSK	3	3	21.46	21.31	21.44		
1.4	QPSK	6	0	21.32	21.30	21.29	23	0
1.4	16QAM	1	0	21.26	21.32	21.42		
1.4	16QAM	1	3	21.26	21.30	21.35		
1.4	16QAM	1	5	21.29	21.24	21.33	23	0
1.4	16QAM	3	0	21.35	21.59	21.30		
1.4	16QAM	3	1	21.20	21.23	21.24		
1.4	16QAM	3	3	21.27	21.39	21.44		
1.4	16QAM	6	0	21.45	21.57	21.11	23	0
1.4	64QAM	1	0	21.40	21.34	21.19		
1.4	64QAM	1	3	21.36	21.23	21.35		
1.4	64QAM	1	5	21.24	21.34	21.01	23	0
1.4	64QAM	3	0	21.42	21.53	21.20		
1.4	64QAM	3	1	21.30	21.30	21.19		
1.4	64QAM	3	3	21.42	21.37	21.31		
1.4	64QAM	6	0	20.62	20.60	20.61	22	1
1.4	256QAM	1	0	18.64	18.70	18.86		
1.4	256QAM	1	3	18.63	18.70	18.74		
1.4	256QAM	1	5	18.75	18.73	18.66	20	3
1.4	256QAM	3	0	18.72	18.70	18.60		
1.4	256QAM	3	1	18.67	18.51	18.63		
1.4	256QAM	3	3	18.66	18.47	18.51		
1.4	256QAM	6	0	18.48	18.75	18.56	20	3

Band 66 Ant1 DSI5 Simultaneous

BW [MHz]	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	15.39	15.55	15.38		
20	QPSK	1	49	15.16	15.35	15.08	16.7	0
20	QPSK	1	99	15.22	15.36	15.06		
20	QPSK	50	0	15.42	15.48	15.04		
20	QPSK	50	24	15.00	15.15	15.21	16.7	0
20	QPSK	50	50	15.18	15.44	15.18		
20	QPSK	100	0	15.30	15.37	15.03		
20	16QAM	1	0	15.07	15.42	15.05		
20	16QAM	1	49	15.21	15.21	15.07	16.7	0
20	16QAM	1	99	15.36	15.34	15.13		
20	16QAM	50	0	15.27	15.39	15.10		
20	16QAM	50	24	15.08	15.40	15.00	16.7	0
20	16QAM	50	50	15.49	15.18	15.24		
20	16QAM	100	0	15.03	15.47	15.09		
20	64QAM	1	0	15.18	15.15	15.15		
20	64QAM	1	49	15.13	15.20	15.18	16.7	0
20	64QAM	1	99	15.28	15.31	15.17		
20	64QAM	50	0	15.23	15.26	15.27		
20	64QAM	50	24	15.32	15.34	15.18	16.7	0
20	64QAM	50	50	15.23	15.23	15.04		
20	64QAM	100	0	15.32	15.49	15.23		
20	256QAM	1	0	15.44	15.38	15.11		
20	256QAM	1	49	15.11	15.35	15.17	16.7	0
20	256QAM	1	99	15.19	15.52	15.33		
20	256QAM	50	0	15.11	15.38	15.16		
20	256QAM	50	24	15.22	15.30	15.31	16.7	0
20	256QAM	50	50	15.29	15.21	15.20		
20	256QAM	100	0	15.42	15.29	15.33		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.25	15.33	15.16		
15	QPSK	1	37	15.05	15.22	14.92	16.7	0
15	QPSK	1	74	15.06	15.23	14.83		
15	QPSK	36	0	15.25	15.19	14.79		
15	QPSK	36	20	14.85	15.00	15.09	16.7	0
15	QPSK	36	39	15.00	15.27	14.93		
15	QPSK	75	0	15.18	15.17	14.81		
15	16QAM	1	0	14.78	15.24	14.94		
15	16QAM	1	37	14.94	15.09	14.84	16.7	0
15	16QAM	1	74	15.19	15.17	14.92		
15	16QAM	36	0	15.05	15.14	14.86		
15	16QAM	36	20	14.85	15.16	14.86	16.7	0
15	16QAM	36	39	15.25	14.95	14.98		
15	16QAM	75	0	14.90	15.28	14

Band 38 Ant1 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				37850	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	20.08	20.26	20.16			1.62	1.44	
20	QPSK	1	49	20.20	20.14	20.09	21.7	0	1.61	1.50	0.39
20	QPSK	1	99	19.95	19.92	19.87			1.83	1.75	
20	QPSK	50	0	19.89	20.14	20.01			1.81	1.56	
20	QPSK	50	24	19.93	19.93	20.05	21.7	0	1.77	1.65	0.31
20	QPSK	50	50	19.83	20.09	19.97			1.87	1.61	
20	QPSK	100	0	19.92	20.09	19.97			1.78	1.61	0.17
20	16QAM	1	0	19.88	20.02	19.96			1.82	1.68	
20	16QAM	1	49	19.99	19.98	19.78	21.7	0	1.92	1.71	0.25
20	16QAM	1	99	19.99	19.77	19.85			1.93	1.71	
20	16QAM	50	0	19.87	20.13	19.78			1.92	1.57	
20	16QAM	50	24	19.79	20.02	19.96	21.7	0	1.91	1.68	0.43
20	16QAM	50	50	19.70	19.90	19.85			2.00	1.80	
20	16QAM	100	0	19.85	20.15	20.05			1.85	1.55	0.30
20	64QAM	1	0	19.95	20.11	20.01			1.75	1.59	
20	64QAM	1	49	20.00	19.92	19.98	21.7	0	1.78	1.70	0.39
20	64QAM	1	99	20.01	19.82	19.72			1.98	1.69	
20	64QAM	50	0	19.96	20.02	19.91			1.79	1.68	
20	64QAM	50	24	19.83	19.77	19.79	21.7	0	1.93	1.87	0.25
20	64QAM	50	50	19.86	19.97	19.77			1.93	1.73	
20	64QAM	100	0	19.71	20.00	19.91			1.99	1.70	0.29
20	256QAM	1	0	18.78	18.78	18.80			1.42	1.40	
20	256QAM	1	49	18.71	18.73	18.56	20.2	1.5	1.64	1.47	0.24
20	256QAM	1	99	18.58	18.56	18.57			1.64	1.62	
20	256QAM	50	0	18.59	18.68	18.54			1.66	1.52	
20	256QAM	50	24	18.75	18.58	18.72	20.2	1.5	1.62	1.45	0.30
20	256QAM	50	50	18.51	18.49	18.45			1.75	1.69	
20	256QAM	100	0	18.69	18.48	18.58			1.72	1.51	0.21
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				2577.5	2595	2612.5					
15	QPSK	1	0	19.98	20.07	19.97			1.73	1.63	
15	QPSK	1	37	20.09	20.11	20.01	21.7	0	1.69	1.59	0.29
15	QPSK	1	74	19.94	19.87	19.82			1.88	1.76	
15	QPSK	36	0	19.85	19.97	19.98			1.85	1.72	
15	QPSK	36	20	19.83	19.79	19.90	21.7	0	1.91	1.80	0.19
15	QPSK	36	39	19.80	19.93	19.93			1.90	1.77	
15	QPSK	75	0	19.75	19.97	19.86			1.95	1.73	0.22
15	16QAM	1	0	19.86	20.16	19.92			1.84	1.54	
15	16QAM	1	37	19.82	19.85	20.10	21.7	0	1.88	1.60	0.41
15	16QAM	1	74	19.81	19.75	19.79			1.95	1.89	
15	16QAM	36	0	19.78	20.05	20.05			1.92	1.65	
15	16QAM	36	20	19.70	19.95	19.77	21.7	0	2.00	1.75	0.42
15	16QAM	36	39	20.12	19.79	19.77			1.93	1.58	
15	16QAM	75	0	19.79	20.03	19.98			1.91	1.67	0.24
15	64QAM	1	0	19.83	19.99	19.97			1.87	1.71	
15	64QAM	1	37	19.87	19.85	19.80	21.7	0	1.90	1.83	0.27
15	64QAM	1	74	19.90	20.07	19.98			1.80	1.63	
15	64QAM	36	0	19.88	19.87	19.74			1.96	1.82	
15	64QAM	36	20	19.73	20.13	19.75	21.7	0	1.97	1.57	0.40
15	64QAM	36	39	20.08	19.83	19.97			1.87	1.62	
15	64QAM	75	0	20.05	19.88	19.87			1.83	1.65	0.18
15	256QAM	1	0	18.77	18.75	18.81			1.45	1.39	
15	256QAM	1	37	18.51	18.56	18.43	20.2	1.5	1.77	1.64	0.43
15	256QAM	1	74	18.58	18.49	18.38			1.82	1.62	
15	256QAM	36	0	18.50	18.51	18.46			1.74	1.69	
15	256QAM	36	20	18.61	18.40	18.50	20.2	1.5	1.80	1.59	0.24
15	256QAM	36	39	18.39	18.41	18.37			1.83	1.79	
15	256QAM	75	0	18.52	18.44	18.43			1.77	1.68	0.09
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				2575	2595	2615					
10	QPSK	1	0	20.01	20.01	19.99			1.71	1.69	
10	QPSK	1	25	20.24	20.01	19.92	21.7	0	1.78	1.46	0.46
10	QPSK	1	49	19.87	19.78	19.78			1.92	1.83	
10	QPSK	25	0	19.75	20.12	19.86			1.95	1.58	
10	QPSK	25	12	19.84	19.78	19.97	21.7	0	1.92	1.73	0.37
10	QPSK	25	25	19.79	20.00	19.81			1.91	1.70	
10	QPSK	50	0	19.84	19.90	19.94			1.86	1.76	0.10
10	16QAM	1	0	19.84	20.19	19.85			1.86	1.51	
10	16QAM	1	25	19.89	19.85	20.01	21.7	0	1.85	1.69	0.45
10	16QAM	1	49	19.87	19.75	19.74			1.96	1.83	
10	16QAM	25	0	19.85	20.10	19.70			2.00	1.60	
10	16QAM	25	12	19.71	20.01	19.96	21.7	0	1.99	1.69	0.41
10	16QAM	25	25	20.10	19.85	20.11			1.85	1.59	
10	16QAM	50	0	19.72	20.03	19.95			1.98	1.67	0.31
10	64QAM	1	0	19.80	20.09	19.90			1.90	1.61	
10	64QAM	1	25	19.88	19.85	19.95	21.7	0	1.85	1.75	0.29
10	64QAM	1	49	19.82	20.09	20.04			1.88	1.61	
10	64QAM	25	0	19.93	19.93	19.77			1.93	1.77	
10	64QAM	25	12	20.05	20.00	20.09	21.7	0	1.70	1.61	0.35
10	64QAM	25	25	19.74	19.94	20.04			1.96	1.68	
10	64QAM	50	0	19.96	19.99	19.87			1.83	1.71	0.12
10	256QAM	1	0	18.65	18.65	18.61			1.59	1.55	
10	256QAM	1	25	18.72	18.64	18.42	20.2	1.5	1.78	1.48	0.33
10	256QAM	1	49	18.42	18.39	18.44			1.81	1.76	
10	256QAM	25	0	18.51	18.60	18.41			1.79	1.60	
10	256QAM	25	12	18.59	18.57	18.55	20.2	1.5	1.65	1.61	0.20
10	256QAM	25	25	18.46	18.51	18.40			1.80	1.69	
10	256QAM	50	0	18.65	18.30	18.47			1.90	1.55	0.35
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Frequency (MHz)				2572.5	2595	2617.5					
5	QPSK	1	0	19.94	20.07	20.14			1.76	1.56	
5	QPSK	1	12	20.14	19.99	20.04	21.7	0	1.71	1.56	0.35
5	QPSK	1	24	19.91	19.79	19.80			1.91	1.79	
5	QPSK	12	0	19.82	20.07	19.89			1.88	1.63	
5	QPSK	12	7	19.89	19.84	19.95	21.7	0	1.86	1.75	0.36
5	QPSK	12	13	19.71	19.94	19.79			1.99	1.76	
5	QPSK	25	0	19.79	19.97	19.91			1.91	1.73	0.18
5	16QAM	1	0	19.73	20.17	19.92			1.97	1.53	
5	16QAM	1	12	19.97	19.81	19.76	21.7	0	1.94	1.73	0.44
5	16QAM	1	24	19.80	20.12	19.76			1.94	1.58	
5	16QAM	12	0	19.86	20.08	20.10			1.84	1.60	
5	16QAM	12	7	19.73	19.99	19.78	21.7	0	1.97	1.71	0.37
5	16QAM	12	13	20.10	19.75	19.97			1.95	1.60	
5	16QAM	25	0	19.74	20.05	19.98			1.96	1.65	0.31
5	64QAM	1	0	19.94	19.94	19.90			1.80	1.76	
5	64QAM	1	12	19.98	19.74	19.87	21.7	0	1.96	1.72	0.29
5	64QAM	1	24	19.90	19.77	20.03			1.93	1.67	
5	64QAM	12	0	19.81	19.95	19.81			1.89	1.75	
5	64QAM	12	7	19.77	20.02	20.04	21.7	0	1.93	1.66	0.28
5	64QAM	12	13	19.77	19.84	20.05			1.93	1.65	
5	64QAM	25	0	20.02	19.93	19.74			1.96	1.68	0.28
5	256QAM	1	0	18.64	18.64	18.64			1.56	1.56	
5	256QAM	1	12	18.67	18.65	18.55	20.2	1.5	1.65	1.53	0.25
5	256QAM	1	24	18.56	18.46	18.42			1.78	1.64	
5	256QAM	12	0	18.56	18.58	18.36			1.84	1.62	
5	256QAM	12	7	18.71	18.54	18.70	20.2	1.5	1.66	1.49	0.41
5	256QAM	12	13	18.30	18.48	18.39			1.90	1.72	
5	256QAM	25	0	18.63	18.46	18.42			1.78	1.57	0.21

Band 41 Ant1 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.35	20.24	20.45	20.36	20.30		
20	QPSK	1	49	20.09	20.39	20.25	20.23	20.26	21.7	0
20	QPSK	1	99	20.08	20.20	20.15	20.10	20.08		
20	QPSK	50	0	19.96	20.14	20.42	20.22	20.05		
20	QPSK	50	24	20.06	20.06	20.17	20.17	20.06	21.7	0
20	QPSK	50	50	19.94	20.04	20.32	20.13	20.16		
20	QPSK	100	0	20.17	20.06	20.33	20.25	20.15		
20	16QAM	1	0	20.19	20.05	20.39	20.19	20.20		
20	16QAM	1	49	19.99	20.24	20.21	20.05	20.15	21.7	0
20	16QAM	1	99	19.97	20.12	19.99	20.00	20.04		
20	16QAM	50	0	19.94	20.07	20.33	20.06	19.95		
20	16QAM	50	24	20.00	19.91	20.14	20.13	19.90	21.7	0
20	16QAM	50	50	19.92	19.89	20.18	20.11	20.12		
20	16QAM	100	0	20.06	19.99	20.29	20.16	20.09		
20	64QAM	1	0	20.29	20.15	20.33	20.22	20.27		
20	64QAM	1	49	19.95	20.28	20.18	20.21	20.24	21.7	0
20	64QAM	1	99	19.91	20.15	19.99	19.94	20.06		
20	64QAM	50	0	19.93	20.12	20.30	20.20	19.96		
20	64QAM	50	24	19.94	20.05	20.02	20.00	20.00	21.7	0
20	64QAM	50	50	19.84	20.00	20.20	20.00	20.12		
20	64QAM	100	0	20.15	19.91	20.24	20.14	19.98		
20	256QAM	1	0	19.49	19.35	19.48	19.32	19.20		
20	256QAM	1	49	19.31	19.31	19.43	19.35	19.36	20.7	1
20	256QAM	1	99	19.35	19.14	19.36	19.25	19.24		
20	256QAM	50	0	19.21	19.35	19.44	19.30	19.37		
20	256QAM	50	24	19.15	19.26	19.33	19.38	19.22	20.7	1
20	256QAM	50	50	19.26	19.24	19.23	19.36	19.24		
20	256QAM	100	0	19.35	19.27	19.31	19.34	19.40		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.24	20.16	20.30	20.28	20.15		
15	QPSK	1	37	20.06	20.36	20.06	20.06	20.22	22	0
15	QPSK	1	74	20.07	20.05	20.11	20.04	19.90		
15	QPSK	36	0	19.98	20.00	20.38	20.14	19.97		
15	QPSK	36	20	20.01	20.06	20.10	20.00	19.88	21.7	0
15	QPSK	36	39	19.93	19.92	20.30	19.93	20.05		
15	QPSK	75	0	20.15	20.02	20.28	20.16	20.06		
15	16QAM	1	0	20.03	20.03	20.23	20.15	20.05		
15	16QAM	1	37	19.92	20.13	20.19	19.88	20.02	21.7	0
15	16QAM	1	74	19.82	20.00	19.85	19.99	19.95		
15	16QAM	36	0	19.81	20.02	20.29	20.01	19.83		
15	16QAM	36	20	19.96	19.91	19.99	20.01	19.94	21.7	0
15	16QAM	36	39	19.81	19.79	20.13	20.04	20.01		
15	16QAM	75	0	19.96	19.96	20.21	20.10	19.97		
15	64QAM	1	0	20.20	20.14	20.26	20.06	20.14		
15	64QAM	1	37	19.76	20.23	20.12	20.17	20.14	21.7	0
15	64QAM	1	74	19.89	20.11	19.88	19.90	19.94		
15	64QAM	36	0	19.84	20.00	20.27	20.18	19.80		
15	64QAM	36	20	19.86	20.01	20.00	19.96	19.98	21.7	0
15	64QAM	36	39	19.79	19.87	20.13	19.85	19.95		
15	64QAM	75	0	20.10	19.81	20.14	20.09	19.95		
15	256QAM	1	0	19.30	19.30	19.46	19.21	19.00		
15	256QAM	1	37	19.26	19.13	19.40	19.31	19.20	20.7	1
15	256QAM	1	74	19.26	19.03	19.20	19.21	19.09		
15	256QAM	36	0	19.05	19.25	19.40	19.09	19.24		
15	256QAM	36	20	19.04	19.15	19.20	19.21	19.08	20.7	1
15	256QAM	36	39	19.26	19.18	19.08	19.17	19.23		
15	256QAM	75	0	19.26	19.12	19.10	19.20	19.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.22	20.06	20.38	20.33	20.23		
10	QPSK	1	25	19.97	20.38	20.17	20.09	20.23	22	0
10	QPSK	1	49	19.95	20.07	19.98	19.97	20.03		
10	QPSK	25	0	19.88	20.08	20.35	20.11	19.98		
10	QPSK	25	12	19.88	19.95	20.06	20.02	19.95	21.7	0
10	QPSK	25	25	19.87	19.98	20.14	20.06	20.07		
10	QPSK	50	0	20.02	20.04	20.32	20.16	20.01		
10	16QAM	1	0	20.08	19.98	20.35	20.17	20.07		
10	16QAM	1	25	19.97	20.11	20.16	19.92	20.12	21.7	0
10	16QAM	1	49	20.00	19.94	19.90	19.98	19.89		
10	16QAM	25	0	19.75	20.02	20.14	20.05	19.84		
10	16QAM	25	12	19.89	19.94	20.01	20.07	19.75	21.7	0
10	16QAM	25	25	19.76	19.84	20.16	20.02	20.01		
10	16QAM	50	0	19.99	19.88	20.21	20.10	20.07		
10	64QAM	1	0	20.12	20.07	20.26	20.20	20.22		
10	64QAM	1	25	19.78	20.11	20.04	20.20	20.07	21.7	0
10	64QAM	1	49	19.76	20.01	19.82	19.88	19.91		
10	64QAM	25	0	19.87	20.01	20.16	20.18	19.88		
10	64QAM	25	12	19.92	20.02	19.88	19.94	19.97	21.7	0
10	64QAM	25	25	19.74	19.86	20.14	19.83	19.97		
10	64QAM	50	0	20.14	19.88	20.12	20.11	19.89		
10	256QAM	1	0	19.29	19.28	19.42	19.14	19.10		
10	256QAM	1	25	19.29	19.14	19.40	19.24	19.29	20.7	1
10	256QAM	1	49	19.31	19.07	19.32	19.04	19.19		
10	256QAM	25	0	19.11	19.18	19.26	19.11	19.20		
10	256QAM	25	12	18.96	19.22	19.34	19.23	19.14	20.7	1
10	256QAM	25	25	19.08	19.15	19.17	19.37	19.12		
10	256QAM	50	0	19.15	19.27	19.29	19.34	19.30		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.22	20.15	20.31	20.34	20.12		
5	QPSK	1	12	19.95	20.36	20.12	20.16	20.22	22	0
5	QPSK	1	24	19.90	20.19	20.14	19.97	19.91		
5	QPSK	12	0	19.86	20.09	20.30	20.17	19.96		
5	QPSK	12	7	19.96	19.90	20.09	20.15	20.00	21.7	0
5	QPSK	12	13	19.85	19.88	20.16	20.05	20.12		
5	QPSK	25	0	20.08	19.89	20.23	20.23	20.12		
5	16QAM	1	0	20.17	20.00	20.35	20.02	20.07		
5	16QAM	1	12	19.90	20.13	20.15	19.95	19.98	21.7	0
5	16QAM	1	24	20.02	20.07	19.88	20.00	19.87		
5	16QAM	12	0	19.99	19.98	20.26	19.90	19.94		
5	16QAM	12	7	19.91	20.06	20.01	20.01	20.04	21.7	0
5	16QAM	12	13	19.76	19.86	20.10	20.05	20.08		
5	16QAM	25	0	19.90	19.95	20.10	20.05	19.94		
5	64QAM	1	0	20.24	19.99	20.25	20.08	20.18		
5	64QAM	1	12	19.82	20.18	20.16	20.14	20.11	21.7	0
5	64QAM	1	24	19.77	20.13	19.83	19.86	20.04		
5	64QAM	12	0	19.74	19.99	20.20	20.05	19.89		
5	64QAM	12	7	19.89	19.98	19.84	19.83	19.95	21.7	0
5	64QAM	12	13	19.74	19.83	20.08	19.89	20.08		
5	64QAM	25	0	20.08	19.86	20.15	19.98	19.94		
5	256QAM	1	0	19.35	19.34	19.40	19.18	18.99		
5	256QAM	1	12	19.19	19.21	19.25	19.31	19.35	20.7	1
5	256QAM	1	24	19.24	19.11	19.25	19.13	19.14		
5	256QAM	12	0	19.19	19.30	19.44	19.16	19.34		
5	256QAM	12	7	19.00	19.21	19.28	19.39	19.04	20.7	1
5	256QAM	12	13	19.08	19.17	19.18	19.33	19.18		
5	256QAM	25	0	19.20	19.23	19.21	19.17	19.22		

Band 41 HPUE Ant1 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Mddle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Mddle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2548.5	2593	2638.5	2680		
20	QPSK	1	0	22.14	21.88	22.23	22.02	21.97	23.3	0
20	QPSK	1	49	21.83	22.17	21.92	21.94	21.89		
20	QPSK	1	99	21.82	21.98	21.90	21.76	21.76		
20	QPSK	50	0	21.71	21.85	22.09	21.85	21.71	23.3	0
20	QPSK	50	24	21.79	21.74	21.96	21.78	21.72		
20	QPSK	50	50	21.71	21.66	21.93	21.92	21.92		
20	QPSK	100	0	21.90	21.72	22.06	21.99	21.90		
20	16QAM	1	0	21.95	21.80	22.15	21.88	22.12	23.3	0
20	16QAM	1	49	22.00	21.95	22.00	22.08	22.08		
20	16QAM	1	99	21.72	21.86	22.15	21.72	21.72		
20	16QAM	50	0	21.68	21.76	22.00	21.81	21.69	23.3	0
20	16QAM	50	24	21.66	21.61	21.79	21.87	21.53		
20	16QAM	50	50	21.57	21.59	21.85	21.77	21.81		
20	16QAM	100	0	21.84	21.66	22.00	21.95	21.72		
20	64QAM	1	0	21.94	21.78	22.09	21.96	21.94	23.3	0
20	64QAM	1	49	22.12	22.03	21.83	21.94	21.98		
20	64QAM	1	99	22.05	22.07	21.78	21.70	21.99		
20	64QAM	50	0	21.58	21.88	22.00	21.85	21.69	23.3	0
20	64QAM	50	24	21.59	21.83	21.74	21.64	21.66		
20	64QAM	50	50	21.59	21.72	21.93	21.63	21.81		
20	64QAM	100	0	21.91	21.60	21.90	21.79	21.59		
20	256QAM	1	0	22.08	21.84	22.11	21.90	21.91	23.3	0
20	256QAM	1	49	22.07	22.00	21.91	21.84	21.93		
20	256QAM	1	99	22.14	21.89	21.75	22.09	21.79		
20	256QAM	50	0	21.58	21.79	21.98	21.83	21.66	23.3	0
20	256QAM	50	24	21.58	21.72	21.75	21.69	21.69		
20	256QAM	50	50	21.58	21.70	21.92	21.72	21.76		
20	256QAM	100	0	21.84	21.68	21.96	21.77	21.76		
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	22.04	21.80	22.08	21.90	21.81	23	0
15	QPSK	1	37	21.81	22.00	21.90	21.90	21.82		
15	QPSK	1	74	21.77	21.87	21.83	21.62	21.61		
15	QPSK	36	0	21.57	21.77	21.93	21.70	21.60	23.3	0
15	QPSK	36	20	21.63	21.67	21.83	21.69	21.58		
15	QPSK	36	39	21.64	21.52	21.89	21.76	21.78		
15	QPSK	75	0	21.76	21.54	21.93	21.90	21.88		
15	16QAM	1	0	21.78	22.03	21.98	21.81	21.95	23.3	0
15	16QAM	1	37	21.81	21.78	21.95	21.90	21.93		
15	16QAM	1	74	22.07	21.85	22.13	22.04	22.13		
15	16QAM	36	0	21.55	21.72	21.93	21.76	21.64	23.3	0
15	16QAM	36	20	21.63	21.52	21.66	21.78	21.48		
15	16QAM	36	39	21.46	21.57	21.79	21.72	21.79		
15	16QAM	75	0	21.68	21.61	21.83	21.92	21.61		
15	64QAM	1	0	21.83	21.73	21.95	21.91	21.82	23.3	0
15	64QAM	1	37	21.98	21.95	21.79	21.90	21.93		
15	64QAM	1	74	22.04	22.07	22.12	22.00	22.10		
15	64QAM	36	0	21.55	21.81	21.81	21.77	21.56	23.3	0
15	64QAM	36	20	21.54	21.74	21.65	21.57	21.50		
15	64QAM	36	39	21.57	21.68	21.86	21.52	21.73		
15	64QAM	75	0	21.79	21.55	21.80	21.64	21.47		
15	256QAM	1	0	21.99	21.83	22.07	21.74	21.73	23.3	0
15	256QAM	1	37	22.05	21.84	21.74	21.66	21.74		
15	256QAM	1	74	22.08	21.78	22.05	22.09	22.13		
15	256QAM	36	0	21.56	21.72	21.96	21.82	21.51	23.3	0
15	256QAM	36	20	21.47	21.59	21.62	21.62	21.53		
15	256QAM	36	39	21.54	21.63	21.86	21.58	21.63		
15	256QAM	75	0	21.71	21.62	21.84	21.67	21.66		
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	21.73	22.21	21.93	21.93	23	0
10	QPSK	1	25	21.73	22.08	21.82	21.91	21.76		
10	QPSK	1	49	22.05	21.86	22.13	21.99	22.11		
10	QPSK	25	0	21.66	21.81	22.00	21.76	21.64	23.3	0
10	QPSK	25	12	21.67	21.56	21.91	21.63	21.55		
10	QPSK	25	25	21.62	21.64	21.87	21.78	21.85		
10	QPSK	50	0	21.85	21.58	21.97	21.89	21.84		
10	16QAM	1	0	21.80	21.68	21.98	21.74	21.93	23.3	0
10	16QAM	1	25	21.85	21.79	21.87	21.92	21.91		
10	16QAM	1	49	21.67	21.69	22.03	21.54	21.68		
10	16QAM	25	0	21.55	21.65	21.91	21.71	21.59	23.3	0
10	16QAM	25	12	21.65	21.54	21.61	21.72	21.50		
10	16QAM	25	25	21.55	21.50	21.77	21.61	21.74		
10	16QAM	50	0	21.66	21.54	21.86	21.87	21.71		
10	64QAM	1	0	21.89	21.60	21.95	21.83	21.86	23.3	0
10	64QAM	1	25	21.55	21.92	21.72	21.79	21.83		
10	64QAM	1	49	21.45	21.75	21.74	21.67	21.69		
10	64QAM	25	0	21.46	21.69	21.91	21.78	21.63	23.3	0
10	64QAM	25	12	21.44	21.81	21.67	21.54	21.63		
10	64QAM	25	25	21.41	21.63	21.82	21.46	21.68		
10	64QAM	50	0	21.80	21.44	21.83	21.75	21.41		
10	256QAM	1	0	21.89	21.69	21.93	21.72	21.88	23.3	0
10	256QAM	1	25	21.43	21.84	21.89	21.69	21.75		
10	256QAM	1	49	21.46	21.71	21.73	21.48	21.68		
10	256QAM	25	0	21.49	21.64	21.94	21.82	21.52	23.3	0
10	256QAM	25	12	21.45	21.68	21.65	21.62	21.51		
10	256QAM	25	25	21.52	21.61	21.86	21.60	21.71		
10	256QAM	50	0	21.78	21.56	21.87	21.65	21.65		
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	22.12	21.84	22.11	21.85	21.92	23	0
5	QPSK	1	12	21.67	22.12	21.75	21.78	21.82		
5	QPSK	1	24	21.66	21.83	21.79	21.64	21.75		
5	QPSK	12	0	21.64	21.70	22.00	21.77	21.66	23.3	0
5	QPSK	12	7	21.61	21.72	21.77	21.68	21.54		
5	QPSK	12	13	21.66	21.61	21.81	21.74	21.85		
5	QPSK	25	0	21.78	21.65	21.95	21.86	21.71	23.3	0
5	16QAM	1	0	21.94	22.11	21.72	21.72	22.07		
5	16QAM	1	12	21.94	21.90	21.82	21.98	22.07		
5	16QAM	1	24	21.61	21.82	22.10	21.63	21.62		
5	16QAM	12	0	21.53	21.65	21.93	21.65	21.51	23.3	0
5	16QAM	12	7	21.57	21.57	21.71	21.76	21.48		
5	16QAM	12	13	21.48	21.52	21.72	21.72	21.67		
5	16QAM	25	0	21.74	21.54	21.94	21.86	21.60	23.3	0
5	64QAM	1	0	21.93	22.07	22.01	21.80	21.80		
5	64QAM	1	12	22.16	21.87	21.68	21.77	21.93		
5	64QAM	1	24	22.01	22.14	22.13	22.03	22.09		
5	64QAM	12	0	21.50	21.84	21.99	21.75	21.51	23.3	0
5	64QAM	12	7	21.57	21.69	21.73	21.57	21.52		
5	64QAM	12	13	21.52	21.65	21.88	21.52	21.72		
5	64QAM	25	0	21.85	21.54	21.75	21.71	21.54		
5	256QAM	1	0	21.97	21.69	21.97	21.73	21.72	23.3	0
5	256QAM	1	12	22.00	21.93	21.78	21.78	22.12		
5	256QAM	1	24	22.01	21.76	22.12	22.03	22.05		
5	256QAM	12	0	21.43	21.62	21.91	21.75	21.59	23.3	0
5	256QAM	12	7	21.50	21.64	21.70	21.67	21.68		
5	256QAM	12	13	21.54	21.57	21.84	21.53	21.67		
5	256QAM	25	0	21.77	21.59	21.81	21.68	21.72		

Band 42 FCC Part27Q 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.98	22.03	21.87	23	0
20	QPSK	1	49	21.85	21.95	21.91		
20	QPSK	1	99	21.84	21.90	21.85		
20	QPSK	50	0	21.08	21.14	21.01	22	1
20	QPSK	50	24	21.00	21.08	20.99		
20	QPSK	50	50	20.93	21.03	21.00		
20	QPSK	100	0	21.00	21.09	21.00		
20	16QAM	1	0	20.96	21.02	20.97	22	1
20	16QAM	1	49	20.88	20.96	20.82		
20	16QAM	1	99	20.80	20.92	20.79		
20	16QAM	50	0	20.09	20.14	20.08	21	2
20	16QAM	50	24	19.92	20.06	20.01		
20	16QAM	50	50	19.96	20.10	20.05		
20	16QAM	100	0	19.95	20.04	19.93		
20	64QAM	1	0	19.93	20.05	19.92	21	2
20	64QAM	1	49	19.88	19.99	19.95		
20	64QAM	1	99	19.82	19.95	19.87		
20	64QAM	50	0	19.03	19.18	19.12	20	3
20	64QAM	50	24	18.98	19.09	19.03		
20	64QAM	50	50	19.07	19.14	19.08		
20	64QAM	100	0	18.96	19.06	18.98		
20	256QAM	1	0	15.51	15.66	15.60	20	3
20	256QAM	1	49	18.45	18.48	18.38		
20	256QAM	1	99	14.60	14.71	14.66		
20	256QAM	50	0	18.55	18.69	18.65	20	3
20	256QAM	50	24	18.52	18.66	18.60		
20	256QAM	50	50	18.53	18.57	18.42		
20	256QAM	100	0	18.51	18.64	18.60		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.85	21.92	21.75	23	0
15	QPSK	1	37	21.77	21.91	21.82		
15	QPSK	1	74	21.81	21.80	21.79		
15	QPSK	36	0	20.94	21.01	20.94	22	1
15	QPSK	36	20	20.94	20.95	20.95		
15	QPSK	36	39	20.84	20.98	20.92		
15	QPSK	75	0	20.97	21.00	20.86		
15	16QAM	1	0	20.87	20.91	20.83	22	1
15	16QAM	1	37	20.74	20.83	20.73		
15	16QAM	1	74	20.70	20.81	20.74		
15	16QAM	36	0	20.04	20.06	19.99	21	2
15	16QAM	36	20	19.86	19.94	19.91		
15	16QAM	36	39	19.83	19.97	19.94		
15	16QAM	75	0	19.90	19.91	19.81		
15	64QAM	1	0	19.86	19.99	19.78	21	2
15	64QAM	1	37	19.80	19.96	19.84		
15	64QAM	1	74	19.73	19.81	19.76		
15	64QAM	36	0	18.99	19.10	19.05	20	3
15	64QAM	36	20	18.91	19.05	18.91		
15	64QAM	36	39	18.93	19.01	18.99		
15	64QAM	75	0	18.82	18.98	18.85		
15	256QAM	1	0	15.38	15.59	15.46	20	3
15	256QAM	1	37	18.33	18.35	18.29		
15	256QAM	1	74	14.50	14.66	14.54		
15	256QAM	36	0	18.51	18.54	18.62	20	3
15	256QAM	36	20	18.42	18.52	18.48		
15	256QAM	36	39	18.48	18.47	18.32		
15	256QAM	75	0	18.37	18.58	18.52		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.87	21.97	21.76	23	0
10	QPSK	1	25	21.73	21.81	21.87		
10	QPSK	1	49	21.78	21.86	21.76		
10	QPSK	25	0	20.94	21.09	20.86	22	1
10	QPSK	25	12	20.87	21.05	20.85		
10	QPSK	25	25	20.83	20.94	20.93		
10	QPSK	50	0	20.89	20.97	20.93		
10	16QAM	1	0	20.91	20.93	20.94	22	1
10	16QAM	1	25	20.83	20.85	20.70		
10	16QAM	1	49	20.73	20.88	20.74		
10	16QAM	25	0	20.05	19.99	20.02	21	2
10	16QAM	25	12	19.81	20.00	19.93		
10	16QAM	25	25	19.83	20.05	20.01		
10	16QAM	50	0	19.88	19.95	19.80		
10	64QAM	1	0	19.82	19.92	19.77	21	2
10	64QAM	1	25	19.82	19.90	19.88		
10	64QAM	1	49	19.72	19.81	19.72		
10	64QAM	25	0	18.90	19.12	19.02	20	3
10	64QAM	25	12	18.85	18.94	18.98		
10	64QAM	25	25	18.95	19.02	18.97		
10	64QAM	50	0	18.90	19.00	18.88		
10	256QAM	1	0	15.39	15.52	15.46	20	3
10	256QAM	1	25	18.37	18.43	18.28		
10	256QAM	1	49	14.55	14.67	14.56		
10	256QAM	25	0	18.46	18.64	18.57	20	3
10	256QAM	25	12	18.42	18.52	18.48		
10	256QAM	25	25	18.43	18.43	18.36		
10	256QAM	50	0	18.36	18.49	18.57		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.94	21.92	21.78	23	0
5	QPSK	1	12	21.75	21.82	21.77		
5	QPSK	1	24	21.80	21.84	21.78		
5	QPSK	12	0	20.96	21.05	20.89	22	1
5	QPSK	12	7	20.94	20.99	20.85		
5	QPSK	12	13	20.78	20.96	20.90		
5	QPSK	25	0	20.90	20.97	20.92		
5	16QAM	1	0	20.83	20.93	20.89	22	1
5	16QAM	1	12	20.79	20.83	20.71		
5	16QAM	1	24	20.67	20.78	20.74		
5	16QAM	12	0	19.96	20.03	20.04	21	2
5	16QAM	12	7	19.83	19.97	19.89		
5	16QAM	12	13	19.91	20.00	19.91		
5	16QAM	25	0	19.87	19.98	19.82	21	2
5	64QAM	1	0	19.79	19.90	19.87		
5	64QAM	1	12	19.75	19.92	19.84		
5	64QAM	1	24	19.67	19.81	19.78		
5	64QAM	12	0	18.93	19.14	19.07	20	3
5	64QAM	12	7	18.91	18.96	18.89		
5	64QAM	12	13	19.01	19.10	18.95		
5	64QAM	25	0	18.93	18.95	18.95		
5	256QAM	1	0	15.48	15.56	15.52	20	3
5	256QAM	1	12	18.34	18.36	18.35		
5	256QAM	1	24	14.56	14.62	14.62		
5	256QAM	12	0	18.50	18.64	18.54	20	3
5	256QAM	12	7	18.43	18.59	18.52		
5	256QAM	12	13	18.46	18.52	18.28		
5	256QAM	25	0	18.42	18.60	18.47		

Band 43_FCC 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				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.02	21.06	20.89	22	0
20	QPSK	1	49	20.91	21.00	20.87		
20	QPSK	1	99	20.89	20.95	20.90		
20	QPSK	50	0	20.09	20.21	20.07	21	1
20	QPSK	50	24	20.03	20.15	20.09		
20	QPSK	50	50	20.04	20.10	20.07		
20	QPSK	100	0	20.07	20.17	20.07		
20	16QAM	1	0	20.01	20.12	20.01	21	1
20	16QAM	1	49	20.02	20.06	19.99		
20	16QAM	1	99	19.97	20.02	19.88		
20	16QAM	50	0	19.02	19.11	19.00	20	2
20	16QAM	50	24	18.94	19.03	18.88		
20	16QAM	50	50	18.94	19.07	19.01		
20	16QAM	100	0	18.92	19.01	18.86		
20	64QAM	1	0	18.79	18.88	18.82	20	2
20	64QAM	1	49	18.78	18.82	18.79		
20	64QAM	1	99	18.68	18.78	18.67		
20	64QAM	50	0	18.17	18.23	18.14	19	3
20	64QAM	50	24	18.05	18.14	18.04		
20	64QAM	50	50	18.10	18.19	18.14		
20	64QAM	100	0	18.02	18.11	18.02		
20	256QAM	1	0	16.64	16.78	16.68	17	5
20	256QAM	1	49	16.69	16.75	16.72		
20	256QAM	1	99	16.64	16.70	16.57		
20	256QAM	50	0	16.61	16.71	16.63	17	5
20	256QAM	50	24	16.49	16.61	16.56		
20	256QAM	50	50	16.63	16.67	16.54		
20	256QAM	100	0	16.52	16.65	16.55		
Channel				44165	44590	45015	Tune-up limit	MPR
Frequency (MHz)				3607.5	3650	3692.5	(dBm)	(dB)
15	QPSK	1	0	20.87	20.98	20.78	22	0
15	QPSK	1	37	20.79	20.93	20.83		
15	QPSK	1	74	20.79	20.89	20.85		
15	QPSK	36	0	20.02	20.15	19.99	21	1
15	QPSK	36	20	19.89	20.01	20.05		
15	QPSK	36	39	19.98	19.95	19.97		
15	QPSK	75	0	19.96	20.04	19.98		
15	16QAM	1	0	19.88	19.97	19.92	21	1
15	16QAM	1	37	19.96	19.94	19.87		
15	16QAM	1	74	19.92	19.94	19.76		
15	16QAM	36	0	18.93	18.99	18.95	20	2
15	16QAM	36	20	18.91	18.93	18.77		
15	16QAM	36	39	18.80	18.93	18.97		
15	16QAM	75	0	18.88	18.90	18.79		
15	64QAM	1	0	18.72	18.80	18.71	20	2
15	64QAM	1	37	18.73	18.74	18.73		
15	64QAM	1	74	18.56	18.66	18.56		
15	64QAM	36	0	18.13	18.13	18.08	19	3
15	64QAM	36	20	17.95	18.08	17.94		
15	64QAM	36	39	18.05	18.08	18.06		
15	64QAM	75	0	17.93	17.99	17.92		
15	256QAM	1	0	16.55	16.74	16.63	17	5
15	256QAM	1	37	16.59	16.68	16.67		
15	256QAM	1	74	16.50	16.59	16.47		
15	256QAM	36	0	16.56	16.62	16.52	17	5
15	256QAM	36	20	16.42	16.52	16.53		
15	256QAM	36	39	16.53	16.57	16.47		
15	256QAM	75	0	16.49	16.52	16.50		
Channel				44140	44590	45040	Tune-up limit	MPR
Frequency (MHz)				3605	3650	3695	(dBm)	(dB)
10	QPSK	1	0	20.95	21.00	20.83	22	0
10	QPSK	1	25	20.83	20.91	20.84		
10	QPSK	1	49	20.85	20.89	20.81		
10	QPSK	25	0	19.95	20.17	20.01	21	1
10	QPSK	25	12	19.88	20.10	20.01		
10	QPSK	25	25	19.91	20.07	19.97		
10	QPSK	50	0	19.99	20.08	19.95		
10	16QAM	1	0	19.89	19.97	19.93	21	1
10	16QAM	1	25	19.89	19.97	19.88		
10	16QAM	1	49	19.86	19.89	19.79		
10	16QAM	25	0	18.97	19.01	18.94	20	2
10	16QAM	25	12	18.79	18.95	18.80		
10	16QAM	25	25	18.85	19.02	18.95		
10	16QAM	50	0	18.81	18.87	18.76		
10	64QAM	1	0	18.71	18.85	18.75	20	2
10	64QAM	1	25	18.72	18.75	18.72		
10	64QAM	1	49	18.64	18.72	18.63		
10	64QAM	25	0	18.07	18.17	18.06	19	3
10	64QAM	25	12	17.96	18.09	18.00		
10	64QAM	25	25	18.00	18.08	18.07		
10	64QAM	50	0	17.95	17.99	17.87		
10	256QAM	1	0	16.53	16.70	16.64	17	5
10	256QAM	1	25	16.60	16.64	16.63		
10	256QAM	1	49	16.57	16.63	16.51		
10	256QAM	25	0	16.49	16.63	16.52	17	5
10	256QAM	25	12	16.36	16.51	16.44		
10	256QAM	25	25	16.51	16.58	16.47		
10	256QAM	50	0	16.46	16.56	16.41		
Channel				44115	44590	45065	Tune-up limit	MPR
Frequency (MHz)				3602.5	3650	3697.5	(dBm)	(dB)
5	QPSK	1	0	20.95	20.99	20.83	22	0
5	QPSK	1	12	20.85	20.89	20.75		
5	QPSK	1	24	20.80	20.81	20.77		
5	QPSK	12	0	20.01	20.15	20.02	21	1
5	QPSK	12	7	19.88	20.11	19.98		
5	QPSK	12	13	19.94	19.98	20.00		
5	QPSK	25	0	20.03	20.11	19.92		
5	16QAM	1	0	19.93	20.04	19.95	21	1
5	16QAM	1	12	19.93	19.98	19.95		
5	16QAM	1	24	19.93	19.96	19.75		
5	16QAM	12	0	18.96	19.08	18.85	20	2
5	16QAM	12	7	18.87	18.97	18.85		
5	16QAM	12	13	18.79	18.93	18.94		
5	16QAM	25	0	18.78	18.92	18.75		
5	64QAM	1	0	18.75	18.77	18.73	20	2
5	64QAM	1	12	18.70	18.74	18.67		
5	64QAM	1	24	18.54	18.64	18.61		
5	64QAM	12	0	18.04	18.12	18.00	19	3
5	64QAM	12	7	18.00	18.05	17.98		
5	64QAM	12	13	18.01	18.10	18.04		
5	64QAM	25	0	17.87	18.08	17.95		
5	256QAM	1	0	16.60	16.73	16.63	17	5
5	256QAM	1	12	16.54	16.62	16.57		
5	256QAM	1	24	16.57	16.65	16.51		
5	256QAM	12	0	16.56	16.59	16.55	17	5
5	256QAM	12	7	16.40	16.46	16.43		
5	256QAM	12	13	16.59	16.53	16.45		
5	256QAM	25	0	16.39	16.61	16.49		

Band 48_FCC Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.71	19.74	19.36	18.85	23	0
20	QPSK	1	49	21.70	21.62	21.37	21.08		
20	QPSK	1	99	21.57	19.48	18.98	18.79		
20	QPSK	50	0	20.70	20.62	20.57	20.19	22	1
20	QPSK	50	24	20.66	20.57	20.50	20.22		
20	QPSK	50	50	20.62	20.59	20.41	20.12		
20	QPSK	100	0	20.59	20.51	20.43	20.16		
20	16QAM	1	0	20.49	18.27	18.17	18.13	22	1
20	16QAM	1	49	20.40	20.46	20.39	20.32		
20	16QAM	1	99	19.10	17.87	17.82	17.73		
20	16QAM	50	0	19.66	19.69	19.55	19.66	21	2
20	16QAM	50	24	19.31	19.36	19.29	19.27		
20	16QAM	50	50	19.17	19.32	19.27	19.28		
20	16QAM	100	0	19.56	19.62	19.54	19.57		
20	64QAM	1	0	18.21	17.55	17.47	17.45	21	2
20	64QAM	1	49	19.61	19.68	19.57	19.63		
20	64QAM	1	99	18.06	17.36	17.27	17.26		
20	64QAM	50	0	18.59	18.71	18.59	18.58	20	3
20	64QAM	50	24	18.50	18.56	18.45	18.46		
20	64QAM	50	50	18.53	18.64	18.52	18.58		
20	64QAM	100	0	18.55	18.61	18.50	18.58		
20	256QAM	1	0	15.11	14.40	14.31	14.27	18	5
20	256QAM	1	49	17.65	17.32	17.24	17.21		
20	256QAM	1	99	15.09	14.24	14.12	14.17		
20	256QAM	50	0	17.10	17.23	17.16	17.09	18	5
20	256QAM	50	24	17.15	17.19	17.05	17.16		
20	256QAM	50	50	17.07	17.21	17.17	17.07		
20	256QAM	100	0	17.06	17.13	17.01	17.04		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	21.55	19.47	18.95	18.45	23	0
15	QPSK	1	37	21.56	21.52	21.30	21.02		
15	QPSK	1	74	21.51	19.24	18.77	18.41		
15	QPSK	36	0	20.66	20.56	20.50	20.10	22	1
15	QPSK	36	20	20.61	20.53	20.38	20.15		
15	QPSK	36	39	20.52	20.45	20.34	20.01		
15	QPSK	75	0	20.47	20.40	20.32	20.12		
15	16QAM	1	0	20.42	18.22	18.08	18.06	22	1
15	16QAM	1	37	20.33	20.34	20.29	20.24		
15	16QAM	1	74	18.99	17.72	17.69	17.64		
15	16QAM	36	0	19.52	19.63	19.44	19.51	21	2
15	16QAM	36	20	19.25	19.24	19.21	19.16		
15	16QAM	36	39	19.09	19.27	19.15	19.21		
15	16QAM	75	0	19.47	19.56	19.47	19.51		
15	64QAM	1	0	18.15	17.43	17.41	17.32	21	2
15	64QAM	1	37	19.52	19.58	19.47	19.55		
15	64QAM	1	74	18.01	17.26	17.13	17.21		
15	64QAM	36	0	18.49	18.67	18.53	18.49	20	3
15	64QAM	36	20	18.44	18.49	18.35	18.31		
15	64QAM	36	39	18.49	18.52	18.39	18.50		
15	64QAM	75	0	18.41	18.50	18.42	18.49		
15	256QAM	1	0	15.08	14.33	14.19	14.12	18	5
15	256QAM	1	37	17.60	17.20	17.19	17.17		
15	256QAM	1	74	14.96	14.18	13.99	14.05		
15	256QAM	36	0	16.98	17.19	17.04	16.98	18	5
15	256QAM	36	20	17.09	17.13	17.00	17.04		
15	256QAM	36	39	17.01	17.07	17.11	16.95		
15	256QAM	75	0	16.95	17.04	16.97	16.99		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	21.58	19.36	19.01	18.42	23	0
10	QPSK	1	25	21.48	21.53	21.37	20.95		
10	QPSK	1	49	21.46	19.15	18.77	18.33		
10	QPSK	25	0	20.59	20.55	20.48	20.06	22	1
10	QPSK	25	12	20.59	20.45	20.46	20.15		
10	QPSK	25	25	20.49	20.44	20.27	20.05		
10	QPSK	50	0	20.52	20.42	20.36	20.12		
10	16QAM	1	0	20.37	18.15	18.05	18.05	22	1
10	16QAM	1	25	20.37	20.34	20.25	20.21		
10	16QAM	1	49	19.05	17.76	17.73	17.60		
10	16QAM	25	0	19.54	19.64	19.51	19.59	21	2
10	16QAM	25	12	19.21	19.28	19.22	19.18		
10	16QAM	25	25	19.07	19.25	19.16	19.22		
10	16QAM	50	0	19.42	19.53	19.51	19.54		
10	64QAM	1	0	18.12	17.47	17.40	17.32	21	2
10	64QAM	1	25	19.56	19.57	19.48	19.56		
10	64QAM	1	49	17.98	17.25	17.22	17.16		
10	64QAM	25	0	18.54	18.63	18.51	18.45	20	3
10	64QAM	25	12	18.45	18.51	18.41	18.39		
10	64QAM	25	25	18.45	18.58	18.44	18.53		
10	64QAM	50	0	18.45	18.56	18.42	18.55		
10	256QAM	1	0	15.00	14.33	14.27	14.22	18	5
10	256QAM	1	25	17.61	17.23	17.15	17.12		
10	256QAM	1	49	15.04	14.14	14.01	14.11		
10	256QAM	25	0	16.99	17.17	17.03	17.02	18	5
10	256QAM	25	12	17.03	17.06	17.01	17.04		
10	256QAM	25	25	16.94	17.09	17.11	16.95		
10	256QAM	50	0	16.95	17.05	16.97	16.92		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	21.63	19.46	18.99	18.39	23	0
5	QPSK	1	12	21.48	21.47	21.32	21.03		
5	QPSK	1	24	21.53	19.21	18.74	18.43		
5	QPSK	12	0	20.65	20.51	20.44	20.07	22	1
5	QPSK	12	7	20.58	20.48	20.37	20.12		
5	QPSK	12	13	20.53	20.48	20.30	19.98		
5	QPSK	25	0	20.45	20.42	20.36	20.07		
5	16QAM	1	0	20.38	18.18	18.09	18.00	22	1
5	16QAM	1	12	20.36	20.36	20.30	20.27		
5	16QAM	1	24	19.04	17.82	17.74	17.58		
5	16QAM	12	0	19.57	19.56	19.43	19.51	21	2
5	16QAM	12	7	19.20	19.22	19.20	19.12		
5	16QAM	12	13	19.10	19.27	19.19	19.21		
5	16QAM	25	0	19.48	19.59	19.50	19.53		
5	64QAM	1	0	18.16	17.47	17.39	17.39	21	2
5	64QAM	1	12	19.48	19.56	19.53	19.60		
5	64QAM	1	24	17.94	17.32	17.23	17.11		
5	64QAM	12	0	18.45	18.61	18.50	18.51	20	3
5	64QAM	12	7	18.40	18.43	18.37	18.39		
5	64QAM	12	13	18.41	18.50	18.46	18.43		
5	64QAM	25	0	18.46	18.47	18.39	18.47		
5	256QAM	1	0	15.04	14.29	14.21	14.18	18	5
5	256QAM	1	12	17.55	17.21	17.13	17.12		
5	256QAM	1	24	14.97	14.10	14.01	14.04		
5	256QAM	12	0	16.96	17.11	17.08	17.01	18	5
5	256QAM	12	7	17.08	17.04	16.93	17.01		
5	256QAM	12	13	16.93	17.15	17.09	16.95		
5	256QAM	25	0	17.01	17.05	16.91	16.98		

GSM1900 Ant2 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.24	30.28	30.07	30.50	21.24	21.28	21.07	21.50
GPRS 1 Tx slot	30.27	30.30	30.09	30.50	21.27	21.30	21.09	21.50
GPRS 2 Tx slots	28.35	28.29	28.29	29.50	22.35	22.29	22.29	23.50
GPRS 3 Tx slots	26.82	26.82	26.79	28.00	22.56	22.56	22.53	23.74
GPRS 4 Tx slots	24.43	24.47	24.52	25.50	21.43	21.47	21.52	22.50
EDGE 1 Tx slot	25.79	25.74	25.81	26.50	16.79	16.74	16.81	17.50
EDGE 2 Tx slots	24.23	24.26	24.28	25.50	18.23	18.26	18.28	19.50
EDGE 3 Tx slots	23.05	23.12	23.07	24.00	18.79	18.86	18.81	19.74
EDGE 4 Tx slots	21.11	21.10	21.14	22.00	18.11	18.10	18.14	19.00

WCDMA II Ant2 Default

WCDMA IV Ant2 Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.44	20.41	20.39	21.40	20.08	19.98	19.81	21.30
3GPP Rel 99	RMC 12.2Kbps	20.54	20.61	20.38	21.40	20.16	20.32	20.11	21.30
3GPP Rel 6	HSDPA Subtest-1	19.23	19.13	19.07	20.40	19.22	19.34	19.08	20.30
3GPP Rel 6	HSDPA Subtest-2	19.24	19.11	19.17	20.40	19.06	19.16	19.04	20.30
3GPP Rel 6	HSDPA Subtest-3	19.16	19.08	18.86	19.90	18.60	18.69	18.59	19.80
3GPP Rel 6	HSDPA Subtest-4	18.83	19.13	18.84	19.90	18.85	18.69	18.65	19.80
3GPP Rel 8	DC-HSDPA Subtest-1	19.26	19.21	19.09	20.40	19.20	19.25	18.92	20.30
3GPP Rel 8	DC-HSDPA Subtest-2	19.12	19.33	19.05	20.40	19.19	19.18	19.08	20.30
3GPP Rel 8	DC-HSDPA Subtest-3	18.90	18.98	18.97	19.90	18.89	18.73	18.59	19.80
3GPP Rel 8	DC-HSDPA Subtest-4	19.08	19.09	18.90	19.90	18.78	18.60	18.65	19.80
3GPP Rel 6	HSUPA Subtest-1	19.14	19.29	19.09	20.40	19.31	19.36	19.01	20.30
3GPP Rel 6	HSUPA Subtest-2	17.53	17.48	17.44	18.40	17.21	17.29	16.98	18.30
3GPP Rel 6	HSUPA Subtest-3	18.60	18.55	18.49	19.40	18.17	18.13	17.99	19.30
3GPP Rel 6	HSUPA Subtest-4	17.43	17.54	17.44	18.40	17.19	17.39	17.01	18.30
3GPP Rel 6	HSUPA Subtest-5	19.20	19.37	18.95	20.40	19.19	19.22	19.01	20.30

Band 2 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	21.48	21.54	21.52		
20	QPSK	1	49	21.47	21.45	21.43	23	0
20	QPSK	1	99	21.45	21.52	21.38		
20	QPSK	50	0	21.45	21.51	21.49		
20	QPSK	50	24	21.36	21.40	21.47	23	0
20	QPSK	50	50	21.44	21.47	21.44		
20	QPSK	100	0	21.39	21.46	21.42		
20	16QAM	1	0	21.34	21.43	21.41		
20	16QAM	1	49	21.23	21.35	21.26	23	0
20	16QAM	1	99	21.37	21.39	21.27		
20	16QAM	50	0	20.75	20.91	20.85		
20	16QAM	50	24	20.86	20.77	20.85	22.5	0.5
20	16QAM	50	50	20.81	20.85	20.81		
20	16QAM	100	0	20.81	20.85	20.91		
20	64QAM	1	0	20.70	20.71	20.88		
20	64QAM	1	49	20.84	20.84	20.88	22.5	0.5
20	64QAM	1	99	20.88	20.87	20.77		
20	64QAM	50	0	19.81	19.75	19.87		
20	64QAM	50	24	19.82	19.76	19.82	21.5	1.5
20	64QAM	50	50	19.87	19.77	19.82		
20	64QAM	100	0	19.79	19.87	19.77		
20	256QAM	1	0	18.09	17.92	17.94		
20	256QAM	1	49	18.09	18.08	17.95	19.5	3.5
20	256QAM	1	99	18.07	17.96	18.07		
20	256QAM	50	0	17.98	17.93	17.93		
20	256QAM	50	24	18.06	18.08	18.08	19.5	3.5
20	256QAM	50	50	18.08	17.93	18.10		
20	256QAM	100	0	18.08	18.06	18.05		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.33	21.43	21.46		
15	QPSK	1	37	21.39	21.29	21.35	23	0
15	QPSK	1	74	21.33	21.50	21.24		
15	QPSK	36	0	21.29	21.48	21.37		
15	QPSK	36	20	21.33	21.29	21.36	23	0
15	QPSK	36	39	21.26	21.42	21.31		
15	QPSK	75	0	21.36	21.33	21.37		
15	16QAM	1	0	21.31	21.33	21.36		
15	16QAM	1	37	21.18	21.28	21.11	23	0
15	16QAM	1	74	21.34	21.22	21.25		
15	16QAM	36	0	20.63	20.78	20.69		
15	16QAM	36	20	20.84	20.73	20.83	22.5	0.5
15	16QAM	36	39	20.80	20.85	20.70		
15	16QAM	75	0	20.75	20.78	20.89		
15	64QAM	1	0	20.52	20.70	20.81		
15	64QAM	1	37	20.74	20.71	20.74	22.5	0.5
15	64QAM	1	74	20.75	20.85	20.75		
15	64QAM	36	0	19.69	19.74	19.86		
15	64QAM	36	20	19.72	19.69	19.70	21.5	1.5
15	64QAM	36	39	19.79	19.60	19.68		
15	64QAM	75	0	19.70	19.73	19.63		
15	256QAM	1	0	17.90	17.78	17.84		
15	256QAM	1	37	17.96	17.92	17.92	19.5	3.5
15	256QAM	1	74	17.88	17.91	18.04		
15	256QAM	36	0	17.83	17.73	17.77		
15	256QAM	36	20	17.88	18.02	17.97	19.5	3.5
15	256QAM	36	39	18.07	17.75	17.91		
15	256QAM	75	0	18.03	17.91	17.88		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.37	21.49	21.36		
10	QPSK	1	25	21.28	21.41	21.39	23	0
10	QPSK	1	49	21.26	21.40	21.22		
10	QPSK	25	0	21.40	21.43	21.47		
10	QPSK	25	12	21.22	21.24	21.46	23	0
10	QPSK	25	25	21.42	21.42	21.26		
10	QPSK	50	0	21.34	21.26	21.40		
10	16QAM	1	0	21.33	21.41	21.24		
10	16QAM	1	25	21.18	21.29	21.14	23	0
10	16QAM	1	49	21.19	21.31	21.25		
10	16QAM	25	0	20.60	20.82	20.73		
10	16QAM	25	12	20.69	20.62	20.70	22.5	0.5
10	16QAM	25	25	20.74	20.65	20.73		
10	16QAM	50	0	20.67	20.76	20.78		
10	64QAM	1	0	20.55	20.63	20.85		
10	64QAM	1	25	20.65	20.67	20.78	22.5	0.5
10	64QAM	1	49	20.64	20.71	20.73		
10	64QAM	25	0	19.63	19.67	19.68		
10	64QAM	25	12	19.78	19.67	19.68	21.5	1.5
10	64QAM	25	25	19.73	19.73	19.76		
10	64QAM	50	0	19.61	19.80	19.73		
10	256QAM	1	0	18.03	17.90	17.80		
10	256QAM	1	25	18.03	17.96	17.95	19.5	3.5
10	256QAM	1	49	17.94	17.78	18.01		
10	256QAM	25	0	17.96	17.90	17.87		
10	256QAM	25	12	17.99	17.95	17.92	19.5	3.5
10	256QAM	25	25	17.95	17.81	17.94		
10	256QAM	50	0	18.06	17.87	17.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.32	21.43	21.39		
5	QPSK	1	12	21.28	21.37	21.24	23	0
5	QPSK	1	24	21.41	21.39	21.31		
5	QPSK	12	0	21.27	21.33	21.46		
5	QPSK	12	7	21.20	21.35	21.29	23	0
5	QPSK	12	13	21.44	21.38	21.40		
5	QPSK	25	0	21.23	21.45	21.22		
5	16QAM	1	0	21.27	21.43	21.36		
5	16QAM	1	12	21.19	21.26	21.13	23	0
5	16QAM	1	24	21.27	21.25	21.15		
5	16QAM	12	0	20.67	20.89	20.78		
5	16QAM	12	7	20.69	20.58	20.66	22.5	0.5
5	16QAM	12	13	20.79	20.81	20.79		
5	16QAM	25	0	20.74	20.79	20.72		
5	64QAM	1	0	20.65	20.56	20.76		
5	64QAM	1	12	20.78	20.70	20.77	22.5	0.5
5	64QAM	1	24	20.72	20.69	20.73		
5	64QAM	12	0	19.66	19.58	19.81		
5	64QAM	12	7	19.65	19.57	19.77	21.5	1.5
5	64QAM	12	13	19.83	19.76	19.67		
5	64QAM	25	0	19.64	19.71	19.59		
5	256QAM	1	0	17.90	17.85	17.78		
5	256QAM	1	12	18.01	17.98	17.94	19.5	3.5
5	256QAM	1	24	17.98	17.86	17.95		
5	256QAM	12	0	17.84	17.83	17.91		
5	256QAM	12	7	17.90	18.07	18.06	19.5	3.5
5	256QAM	12	13	17.96	17.84	18.03		
5	256QAM	25	0	17.92	17.92	18.02		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.39	21.43	21.50		
3	QPSK	1	8	21.44	21.31	21.28	23	0
3	QPSK	1	14	21.43	21.50	21.23		
3	QPSK	8	0	21.41	21.41	21.30		
3	QPSK	8	4	21.34	21.31	21.45	23	0
3	QPSK	8	7	21.29	21.45	21.24		
3	QPSK	15	0	21.36	21.34	21.35		
3	16QAM	1	0	21.30	21.23	21.24		
3	16QAM	1	8	21.09	21.26	21.22	23	0
3	16QAM	1	14	21.25	21.24	21.11		
3	16QAM	8	0	20.62	20.76	20.80		
3	16QAM	8	4	20.73	20.73	20.85	22.5	0.5
3	16QAM	8	7	20.74	20.77	20.63		
3	16QAM	15	0	20.69	20.74	20.81		
3	64QAM	1	0	20.59	20.62	20.80		
3	64QAM	1	8	20.69	20.67	20.78	22.5	0.5
3	64QAM	1	14	20.69	20.77	20.59		
3	64QAM	8	0	19.62	19.73	19.84		
3	64QAM	8	4	19.67	19.59	19.76	21.5	1.5
3	64QAM	8	7	19.62	19.76	19.69		
3	64QAM	15	0	19.62	19.76	19.63		
3	256QAM	1	0	17.97	17.75	17.79		
3	256QAM	1	8	18.05	17.94	17.93	19.5	3.5
3	256QAM	1	14	17.99	17.87	17.95		
3	256QAM	8	0	17.78	17.88	17.88		
3	256QAM	8	4	17.91	18.07	17.92	19.5	3.5
3	256QAM	8	7	17.95	17.91	17.95		
3	256QAM	15	0	17.96	17.98	17.87		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.32	21.44	21.46		
1.4	QPSK	1	3	21.30	21.52	21.43		
1.4	QPSK	1	5	21.43	21.44	21.39	23	0
1.4	QPSK	3	0	21.31	21.47	21.37		
1.4	QPSK	3	1	21.47	21.50	21.39		
1.4	QPSK	3	3	21.28	21.41	21.42		
1.4	QPSK	6	0	21.35	21.47	21.46	23	0
1.4	16QAM	1	0	21.31	21.36	21.46		
1.4	16QAM	1	3	21.37	21.39	21.33		
1.4	16QAM	1	5	21.35	21.36	21.42	23	0
1.4	16QAM	3	0	21.39	21.46	21.48		
1.4	16QAM	3	1	21.37	21.43	21.38		
1.4	16QAM	3	3	21.47	21.47	21.38		
1.4	16QAM	6	0	20.79	20.69	20.73	22.5	0.5
1.4	64QAM	1	0	20.78	20.66	20.72		
1.4	64QAM	1	3	20.73	20.59	20.65		
1.4	64QAM	1	5	20.77	20.58	20.74	22.5	0.5
1.4	64QAM	3	0	20.77	20.58	20.74		
1.4	64QAM	3	1	20.80	20.66	20.83		
1.4	64QAM	3	3	20.83	20.59	20.82		
1.4	64QAM	6	0	19.80	19.69	19.67	21.5	1.5
1.4	256QAM	1	0	18.73	18.71	18.69		
1.4	256QAM	1	3	18.55	18.58	18.64		
1.4	256QAM	1	5	18.57	18.57	18.73	19.5	3.5
1.4	256QAM	3	0	18.47	18.50	18.58		
1.4	256QAM	3	1	18.58	18.58	18.48		
1.4	256QAM	3	3	18.63	18.65	18.56		
1.4	256QAM	6	0	18.51	18.60	18.48	19.5	3.5

Band 4 Ant2 DSI5 Simultaneous

BW [MHz]	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	19.41	19.55	19.43		
20	QPSK	1	49	19.40	19.41	19.30	21.3	0
20	QPSK	1	99	19.34	19.31	19.41		
20	QPSK	50	0	19.35	19.45	19.35		
20	QPSK	50	24	19.32	19.42	19.37	21.3	0
20	QPSK	50	50	19.40	19.33	19.34		
20	QPSK	100	0	19.39	19.39	19.30		
20	16QAM	1	0	19.42	19.35	19.30		
20	16QAM	1	49	19.30	19.39	19.30	21.3	0
20	16QAM	1	99	19.31	19.35	19.32		
20	16QAM	50	0	19.30	19.43	19.40		
20	16QAM	50	24	19.42	19.42	19.34	21.3	0
20	16QAM	50	50	19.40	19.37	19.40		
20	16QAM	100	0	19.30	19.40	19.39		
20	64QAM	1	0	19.39	19.40	19.34		
20	64QAM	1	49	19.32	19.37	19.36	21.3	0
20	64QAM	1	99	19.30	19.34	19.31		
20	64QAM	50	0	19.31	19.44	19.32		
20	64QAM	50	24	19.43	19.37	19.36	21.3	0
20	64QAM	50	50	19.31	19.43	19.34		
20	64QAM	100	0	19.30	19.43	19.40		
20	256QAM	1	0	18.06	17.81	17.74		
20	256QAM	1	49	17.97	17.81	17.79	19.3	2
20	256QAM	1	99	17.90	17.64	17.83		
20	256QAM	50	0	17.95	17.60	17.84		
20	256QAM	50	24	17.89	17.80	17.88	19.3	2
20	256QAM	50	50	17.87	17.80	18.01		
20	256QAM	100	0	18.07	17.76	17.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.33	19.36	19.40		
15	QPSK	1	37	19.44	19.35	19.32	21.3	0
15	QPSK	1	74	19.33	19.32	19.41		
15	QPSK	36	0	19.35	19.37	19.33		
15	QPSK	36	20	19.40	19.37	19.33	21.3	0
15	QPSK	36	39	19.31	19.35	19.31		
15	QPSK	75	0	19.33	19.37	19.39		
15	16QAM	1	0	19.37	19.34	19.32		
15	16QAM	1	37	19.35	19.40	19.43	21.3	0
15	16QAM	1	74	19.39	19.31	19.37		
15	16QAM	36	0	19.43	19.33	19.36		
15	16QAM	36	20	19.35	19.31	19.31	21.3	0
15	16QAM	36	39	19.36	19.31	19.40		
15	16QAM	75	0	19.34	19.39	19.36		
15	64QAM	1	0	19.41	19.37	19.31		
15	64QAM	1	37	19.38	19.34	19.37	21.3	0
15	64QAM	1	74	19.41	19.30	19.37		
15	64QAM	36	0	19.39	19.36	19.33		
15	64QAM	36	20	19.32	19.44	19.37	21.3	0
15	64QAM	36	39	19.38	19.40	19.31		
15	64QAM	75	0	19.35	19.38	19.30		
15	256QAM	1	0	17.91	17.74	17.61		
15	256QAM	1	37	17.96	17.74	17.65	19.3	2
15	256QAM	1	74	17.70	17.65	17.70		
15	256QAM	36	0	17.82	17.55	17.85		
15	256QAM	36	20	17.90	17.81	17.89	19.3	2
15	256QAM	36	39	17.89	17.59	18.01		
15	256QAM	75	0	17.91	17.57	17.80		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.32	19.53	19.34		
10	QPSK	1	25	19.32	19.40	19.41	21.3	0
10	QPSK	1	49	19.43	19.43	19.42		
10	QPSK	25	0	19.33	19.35	19.43		
10	QPSK	25	12	19.30	19.38	19.39	21.3	0
10	QPSK	25	25	19.33	19.38	19.33		
10	QPSK	50	0	19.39	19.33	19.35		
10	16QAM	1	0	19.31	19.36	19.37		
10	16QAM	1	25	19.42	19.31	19.33	21.3	0
10	16QAM	1	49	19.37	19.34	19.34		
10	16QAM	25	0	19.32	19.31	19.39		
10	16QAM	25	12	19.36	19.37	19.43	21.3	0
10	16QAM	25	25	19.31	19.35	19.41		
10	16QAM	50	0	19.35	19.43	19.32		
10	64QAM	1	0	19.40	19.31	19.31		
10	64QAM	1	25	19.31	19.40	19.41	21.3	0
10	64QAM	1	49	19.37	19.33	19.35		
10	64QAM	25	0	19.34	19.31	19.31		
10	64QAM	25	12	19.34	19.32	19.35	21.3	0
10	64QAM	25	25	19.33	19.39	19.33		
10	64QAM	50	0	19.39	19.38	19.32		
10	256QAM	1	0	17.88	17.73	17.71		
10	256QAM	1	25	17.86	17.78	17.81	19.3	2
10	256QAM	1	49	17.81	17.59	17.81		
10	256QAM	25	0	17.76	17.58	17.66		
10	256QAM	25	12	17.90	17.69	17.82	19.3	2
10	256QAM	25	25	17.80	17.77	17.94		
10	256QAM	50	0	17.95	17.76	17.69		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.34	19.40	19.38		
5	QPSK	1	12	19.35	19.31	19.39	21.3	0
5	QPSK	1	24	19.36	19.32	19.37		
5	QPSK	12	0	19.39	19.38	19.35		
5	QPSK	12	7	19.30	19.31	19.30	21.3	0
5	QPSK	12	13	19.37	19.32	19.34		
5	QPSK	25	0	19.39	19.33	19.38		
5	16QAM	1	0	19.34	19.38	19.38		
5	16QAM	1	12	19.37	19.31	19.39	21.3	0
5	16QAM	1	24	19.32	19.32	19.42		
5	16QAM	12	0	19.40	19.36	19.31		
5	16QAM	12	7	19.33	19.32	19.31	21.3	0
5	16QAM	12	13	19.36	19.42	19.37		
5	16QAM	25	0	19.35	19.40	19.40		
5	64QAM	1	0	19.38	19.30	19.37		
5	64QAM	1	12	19.30	19.39	19.33	21.3	0
5	64QAM	1	24	19.37	19.33	19.38		
5	64QAM	12	0	19.37	19.32	19.35		
5	64QAM	12	7	19.36	19.31	19.37	21.3	0
5	64QAM	12	13	19.40	19.36	19.32		
5	64QAM	25	0	19.38	19.39	19.35		
5	256QAM	1	0	17.89	17.60	17.78		
5	256QAM	1	12	17.88	17.83	17.81	19.3	2
5	256QAM	1	24	17.83	17.60	17.78		
5	256QAM	12	0	17.94	17.53	17.70		
5	256QAM	12	7	17.69	17.77	17.73	19.3	2
5	256QAM	12	13	17.74	17.71	17.89		
5	256QAM	25	0	17.98	17.62	17.82		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.31	19.37	19.30		
3	QPSK	1	8	19.34	19.33	19.32	21.3	0
3	QPSK	1	14	19.36	19.38	19.30		
3	QPSK	8	0	19.37	19.31	19.36		
3	QPSK	8	4	19.31	19.39	19.33	21.3	0
3	QPSK	8	7	19.36	19.36	19.34		
3	QPSK	15	0	19.32	19.32	19.31		
3	16QAM	1	0	19.40	19.38	19.36		
3	16QAM	1	8	19.33	19.36	19.36	21.3	0
3	16QAM	1	14	19.37	19.38	19.34		
3	16QAM	8	0	19.37	19.39	19.35		
3	16QAM	8	4	19.30	19.32	19.40	21.3	0
3	16QAM	8	7	19.37	19.36	19.30		
3	16QAM	15	0	19.38	19.41	19.31		
3	64QAM	1	0	19.37	19.33	19.35		
3	64QAM	1	8	19.40	19.31	19.33	21.3	0
3	64QAM	1	14	19.39	19.31	19.39		
3	64QAM	8	0	19.33	19.37	19.33		
3	64QAM	8	4	19.31	19.33	19.40	21.3	0
3	64QAM	8	7	19.42	19.32	19.36		
3	64QAM	15	0	19.34	19.32	19.37		
3	256QAM	1	0	19.30	19.27	19.25		
3	256QAM	1	8	17.94	17.68	17.80	19.3	2
3	256QAM	1	14	17.71	17.45	17.64		
3	256QAM	8	0	17.75	17.40	17.81		
3	256QAM	8	4	17.87	17.60	17.72	19.3	2
3	256QAM	8	7	17.70	17.80	17.83		
3	256QAM	15	0	18.09	17.64	17.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.35	19.39	19.42		
1.4	QPSK	1	3	19.38	19.30	19.33		
1.4	QPSK	1	5	19.31	19.35	19.32	21.3	0
1.4	QPSK	3	0	19.36	19.32	19.34		
1.4	QPSK	3	1	19.39	19.36	19.33		
1.4	QPSK	3	3	19.30	19.39	19.37		
1.4	QPSK	6	0	19.32	19.35	19.36	21.3	0
1.4	16QAM	1	0	19.36	19.37	19.32		
1.4	16QAM	1	3	19.38	19.34	19.34		
1.4	16QAM	1	5	19.32	19.39	19.31	21.3	0
1.4	16QAM	3	0	19.30	19.30	19.37		
1.4	16QAM	3	1	19.30	19.30	19.35		
1.4	16QAM	3	3	19.31	19.35	19.38		
1.4	16QAM	6	0	19.37	19.37	19.30	21.3	0
1.4	64QAM	1	0	19.33	19.39	19.31		
1.4	64QAM	1	3	19.33	19.32	19.34		
1.4	64QAM	1	5	19.31	19.36	19.31	21.3	0
1.4	64QAM	3	0	19.33	19.37	19.30		
1.4	64QAM	3	1	19.30	19.31	19.39		
1.4	64QAM	3	3	19.30	19.35	19.31		
1.4	64QAM	6	0	19.36	19.40	19.38	21.3	0
1.4	256QAM	1	0	17.95	17.59	17.65		
1.4	256QAM	1	3	17.89	17.75	17.58		
1.4	256QAM	1	5	17.79	17.58	17.71	19.3	2
1.4	256QAM	3	0	17.97	17.58	17.74		
1.4	256QAM	3	1	17.83	17.69	17.70		
1.4	256QAM	3	3	17.70	17.68	17.92		
1.4	256QAM	6	0	17.86	17.74	17.85	19.3	2

Band 7 Ant2 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.52	19.66	19.42		
20	QPSK	1	49	19.47	19.29	19.44	20.4	0
20	QPSK	1	99	19.48	19.51	19.39		
20	QPSK	50	0	19.34	19.60	19.54		
20	QPSK	50	24	19.57	19.46	19.53	20.4	0
20	QPSK	50	50	19.52	19.54	19.39		
20	QPSK	100	0	19.27	19.54	19.51		
20	16QAM	1	0	19.50	19.61	19.31		
20	16QAM	1	49	19.33

Band 25 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.59	21.62	21.44	23	0
20	QPSK	1	49	21.51	21.35	21.39		
20	QPSK	1	99	21.42	21.54	21.44		
20	QPSK	50	0	21.32	21.58	21.32	23	0
20	QPSK	50	24	21.39	21.52	21.41		
20	QPSK	50	50	21.44	21.39	21.37		
20	QPSK	100	0	21.33	21.48	21.29		
20	16QAM	1	0	21.36	21.56	21.40	23	0
20	16QAM	1	49	21.24	21.19	21.28		
20	16QAM	1	99	21.49	21.51	21.40		
20	16QAM	50	0	20.63	21.04	20.81	22.5	0.5
20	16QAM	50	24	20.98	20.93	20.93		
20	16QAM	50	50	20.93	20.76	20.88		
20	16QAM	100	0	20.66	20.73	20.84		
20	64QAM	1	0	20.87	20.76	20.84	22.5	0.5
20	64QAM	1	49	20.87	20.89	20.96		
20	64QAM	1	99	20.89	20.94	20.84		
20	64QAM	50	0	19.99	19.65	19.89	21.5	1.5
20	64QAM	50	24	19.67	19.92	19.68		
20	64QAM	50	50	19.95	19.83	19.75		
20	64QAM	100	0	19.75	20.01	19.74		
20	256QAM	1	0	18.11	18.04	18.00	19.5	3.5
20	256QAM	1	49	18.13	18.08	17.86		
20	256QAM	1	99	18.12	17.96	18.00		
20	256QAM	50	0	18.11	17.92	17.87	19.5	3.5
20	256QAM	50	24	18.03	18.14	18.16		
20	256QAM	50	50	18.02	17.93	18.15		
20	256QAM	100	0	18.24	18.07	18.21		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.38	21.40	21.33	23	0
15	QPSK	1	37	21.46	21.24	21.31		
15	QPSK	1	74	21.29	21.47	21.17		
15	QPSK	36	0	21.28	21.33	21.32	23	0
15	QPSK	36	20	21.30	21.40	21.25		
15	QPSK	36	39	21.45	21.35	21.34		
15	QPSK	75	0	21.40	21.33	21.33		
15	16QAM	1	0	21.11	21.41	21.14	23	0
15	16QAM	1	37	21.31	21.23	21.17		
15	16QAM	1	74	21.40	21.23	21.18		
15	16QAM	36	0	20.50	20.92	20.66	22.5	0.5
15	16QAM	36	20	20.84	20.69	20.88		
15	16QAM	36	39	20.71	20.77	20.73		
15	16QAM	75	0	20.72	20.64	20.80		
15	64QAM	1	0	20.64	20.62	20.69	22.5	0.5
15	64QAM	1	37	20.85	20.89	20.71		
15	64QAM	1	74	20.74	20.78	20.74		
15	64QAM	36	0	19.78	19.70	19.67	21.5	1.5
15	64QAM	36	20	19.74	19.69	19.58		
15	64QAM	36	39	19.87	19.62	19.66		
15	64QAM	75	0	19.77	19.87	19.59		
15	256QAM	1	0	18.16	17.96	17.88	19.5	3.5
15	256QAM	1	37	18.02	18.08	17.76		
15	256QAM	1	74	17.95	17.90	17.98		
15	256QAM	36	0	17.86	17.84	17.92	19.5	3.5
15	256QAM	36	20	18.11	17.85	18.06		
15	256QAM	36	39	17.96	17.97	18.15		
15	256QAM	75	0	17.99	17.81	17.95		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.35	21.44	21.35	23	0
10	QPSK	1	25	21.30	21.22	21.17		
10	QPSK	1	49	21.36	21.37	21.16		
10	QPSK	25	0	21.26	21.37	21.40	23	0
10	QPSK	25	12	21.32	21.28	21.38		
10	QPSK	25	25	21.39	21.36	21.37		
10	QPSK	50	0	21.42	21.27	21.20		
10	16QAM	1	0	21.18	21.36	21.14	23	0
10	16QAM	1	25	21.23	21.23	21.16		
10	16QAM	1	49	21.24	21.21	21.17		
10	16QAM	25	0	20.61	20.93	20.82	22.5	0.5
10	16QAM	25	12	20.80	20.75	20.78		
10	16QAM	25	25	20.76	20.71	20.82		
10	16QAM	50	0	20.71	20.56	20.92		
10	64QAM	1	0	20.70	20.54	20.77	22.5	0.5
10	64QAM	1	25	20.81	20.87	20.78		
10	64QAM	1	49	20.78	20.68	20.63		
10	64QAM	25	0	19.88	19.55	19.74	21.5	1.5
10	64QAM	25	12	19.67	19.84	19.59		
10	64QAM	25	25	19.81	19.77	19.58		
10	64QAM	50	0	19.70	19.75	19.63		
10	256QAM	1	0	18.19	17.93	17.80	19.5	3.5
10	256QAM	1	25	18.08	18.06	17.74		
10	256QAM	1	49	17.84	17.88	18.01		
10	256QAM	25	0	17.98	17.77	17.87	19.5	3.5
10	256QAM	25	12	18.12	17.98	18.03		
10	256QAM	25	25	18.03	17.84	18.09		
10	256QAM	50	0	18.11	17.91	18.02		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.37	21.53	21.37	23	0
5	QPSK	1	12	21.45	21.27	21.22		
5	QPSK	1	24	21.32	21.40	21.20		
5	QPSK	12	0	21.23	21.37	21.37	23	0
5	QPSK	12	7	21.24	21.42	21.31		
5	QPSK	12	13	21.36	21.33	21.30		
5	QPSK	25	0	21.28	21.42	21.24		
5	16QAM	1	0	21.20	21.46	21.27	23	0
5	16QAM	1	12	21.14	21.22	21.27		
5	16QAM	1	24	21.35	21.24	21.27		
5	16QAM	12	0	20.65	20.98	20.70	22.5	0.5
5	16QAM	12	7	20.76	20.75	20.81		
5	16QAM	12	13	20.82	20.66	20.80		
5	16QAM	25	0	20.70	20.66	20.91		
5	64QAM	1	0	20.70	20.53	20.77	22.5	0.5
5	64QAM	1	12	20.76	20.84	20.74		
5	64QAM	1	24	20.71	20.85	20.66		
5	64QAM	12	0	19.86	19.64	19.74	21.5	1.5
5	64QAM	12	7	19.56	19.74	19.69		
5	64QAM	12	13	19.90	19.71	19.53		
5	64QAM	25	0	19.67	19.87	19.66		
5	256QAM	1	0	18.08	17.85	17.82	19.5	3.5
5	256QAM	1	12	18.02	17.92	17.79		
5	256QAM	1	24	17.92	17.79	18.01		
5	256QAM	12	0	18.02	17.78	17.84	19.5	3.5
5	256QAM	12	7	18.06	17.94	17.99		
5	256QAM	12	13	17.91	17.90	17.99		
5	256QAM	25	0	18.00	17.89	17.98		
Channel				26040	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.37	21.47	21.46	23	0
3	QPSK	1	8	21.32	21.30	21.17		
3	QPSK	1	14	21.43	21.34	21.21		
3	QPSK	8	0	21.24	21.45	21.30	23	0
3	QPSK	8	4	21.39	21.32	21.31		
3	QPSK	8	7	21.31	21.31	21.19		
3	QPSK	15	0	21.24	21.38	21.18		
3	16QAM	1	0	21.10	21.35	21.27	23	0
3	16QAM	1	8	21.25	21.16	21.22		
3	16QAM	1	14	21.31	21.25	21.18		
3	16QAM	8	0	20.81	20.95	20.79	22.5	0.5
3	16QAM	8	4	20.77	20.83	20.89		
3	16QAM	8	7	20.81	20.76	20.81		
3	16QAM	15	0	20.68	20.71	20.77		
3	64QAM	1	0	20.67	20.53	20.67	22.5	0.5
3	64QAM	1	8	20.85	20.82	20.79		
3	64QAM	1	14	20.79	20.69	20.71		
3	64QAM	8	0	19.88	19.67	19.67	21.5	1.5
3	64QAM	8	4	19.65	19.80	19.72		
3	64QAM	8	7	19.89	19.66	19.53		
3	64QAM	15	0	19.58	19.86	19.78		
3	256QAM	1	0	18.17	17.86	17.89	19.5	3.5
3	256QAM	1	8	18.02	18.08	17.81		
3	256QAM	1	14	17.85	17.75	17.90		
3	256QAM	8	0	17.87	17.80	17.94	19.5	3.5
3	256QAM	8	4	17.95	18.04	18.04		
3	256QAM	8	7	17.94	17.98	18.03		
3	256QAM	15	0	18.10	17.98	18.12		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.36	21.44	21.37	23	0
1.4	QPSK	1	3	21.46	21.49	21.48		
1.4	QPSK	1	5	21.43	21.41	21.47		
1.4	QPSK	3	0	21.35	21.51	21.50		
1.4	QPSK	3	1	21.32	21.40	21.37		
1.4	QPSK	3	3	21.42	21.53	21.42		
1.4	QPSK	6	0	21.47	21.46	21.46	23	0
1.4	16QAM	1	0	21.36	21.49	21.46	23	0
1.4	16QAM	1	3	21.29	21.53	21.47		
1.4	16QAM	1	5	21.36	21.50	21.33		
1.4	16QAM	3	0	21.45	21.52	21.40		
1.4	16QAM	3	1	21.41	21.47	21.38		
1.4	16QAM	3	3	21.38	21.48	21.45		
1.4	16QAM	6	0	20.83	20.60	20.69	22.5	0.5
1.4	64QAM	1	0	20.79	20.64	20.67	22.5	0.5
1.4	64QAM	1	3	20.76	20.73	20.69		
1.4	64QAM	1	5	20.76	20.59	20.83		
1.4	64QAM	3	0	20.84	20.67	20.83		
1.4	64QAM	3	1	20.76	20.60	20.65		
1.4	64QAM	3	3	20.84	20.59	20.74		
1.4	64QAM	6	0	19.71	19.69	19.83	21.5	1.5
1.4	256QAM	1	0	18.74	18.67	18.60	19.5	3.5
1.4	256QAM	1	3	18.68	18.68	18.56		
1.4	256QAM	1	5	18.70	18.59	18.65		
1.4	256QAM	3	0	18.52	18.51	18.66		
1.4	256QAM	3	1	18.63	18.56	18.55		
1.4	256QAM	3	3	18.53	18.62	18.58		
1.4	256QAM	6	0	18.50	18.49	18.61	19.5	3.5

Band 66 Ant2 DSI5 Simultaneous

BW [MHz]	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	19.56	19.70	19.56	21.3	0
20	QPSK	1	49	19.43	19.40	19.41		
20	QPSK	1	99	19.37	19.63	19.48		
20	QPSK	50	0	19.39	19.66	19.51	21.3	0
20	QPSK	50	24	19.47	19.56	19.56		
20	QPSK	50	50	19.45	19.51	19.56		
20	QPSK	100	0	19.35	19.50	19.33		
20	16QAM	1	0	19.51	19.53	19.51	21.3	0
20	16QAM	1	49	19.46	19.53	19.48		
20	16QAM	1	99	19.35	19.61	19.30		
20	16QAM	50	0	19.38	19.61	19.41	21.3	0
20	16QAM	50	24	19.45	19.46	19.50		
20	16QAM	50	50	19.30	19.57	19.49		
20	16QAM	100	0	19.34	19.59	19.52		
20	64QAM	1	0	19.51	19.55	19.44	21.3	0
20	64QAM	1	49	19.31	19.37	19.30		
20	64QAM	1	99	19.30	19.55	19.42		
20	64QAM	50	0	19.33	19.61	19.55	21.3	0
20	64QAM	50	24	19.42	19.46	19.37		
20	64QAM	50	50	19.42	19.48	19.48		
20	64QAM	100	0	19.35	19.62	19.47		
20	256QAM	1	0	18.04	17.81	17.61	19.3	2
20	256QAM	1	49	17.94	17.83	17.66		
20	256QAM	1	99	17.70	17.74	17.76		
20	256QAM	50	0	17.93	17.55	17.70	19.3	2
20	256QAM	50	24	17.86	17.84	17.79		
20	256QAM	50	50	17.83	17.75	17.89		
20	256QAM	100	0	17.86	17.86	17.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.54	19.66	19.59	21.3	0
15	QPSK	1	37	19.43	19.32	19.34		
15	QPSK	1	74	19.39	19.65	19.48		
15	QPSK	36	0	19.40	19.63	19.49	21.3	0
15	QPSK	36	20	19.49	19.57	19.58		
15	QPSK	36	39	19.40	19.44	19.63		
15	QPSK	75	0	19.40	19.49	19.32		
15	16QAM	1	0	19.57	19.49	19.52	21.3	0
15	16QAM	1	37	19.49	19.55	19.39		
15	16QAM	1	74	19.35	19.63	19.36		
15	16QAM	36	0	19.38	19.54	19.38	21.3	0
15	16QAM	36	20	19.51	19.37	19.55		
15	16QAM	36	39	19.31	19.60	19.49		
15	16QAM	75	0	19.36	19.55	19.59		
15	64QAM	1	0	19.42	19.61	19.44	21.3	0
15	64QAM	1	37	19.37	19.33	19.38		
15	64QAM	1	74	19.38	19.47	19.49		
15	64QAM	36	0	19.32	19.66	19.48	21.3	0
15	64QAM	36	20	19.35	19.46	19.30		
15	64QAM	36	39	19.48	19.54	19.51		
15	64QAM	75	0	19.32	19.65	19.40		
15	256QAM	1	0	17.83	17.75	17.61	19.3	2
15	256QAM	1	37	17.93	17.68	17.59		
15	256QAM	1	74	17.66	17.65	17.76		
15	256QAM	36	0	17.87	17.48	17.55	19.3	2
15	256QAM	36	20	17.68	17.78	17.67		
15	256QAM	36	39	17.71	17.67	17.70		
15	256QAM	75	0	17.81	17.82	17.81		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.54	19.60	19.59	21.3	0
10	QPSK	1	25	19.46	19.38	19.46		
10	QPSK	1	49	19.44	19.68	19.39		
10	QPSK	25	0	19.34	19.58	19.50	21.3	0
10	QPSK	25	12	19.53	19.47	19.51		
10	QPSK	25	25	19.43	19.51	19.51		
10	QPSK	50	0	19.37	19.45	19.38		
10	16QAM	1	0	19.49	19.54	19.54	21.3	0
10	16QAM	1	25	19.51	19.51	19.55		
10	16QAM	1	49	19.39	19.65	19.35		
10	16QAM	25	0	19.32	19.60	19.39	21.3	0
10	16QAM	25	12	19.53	19.54	19.42		
10	16QAM	25	25	19.37	19.59	19.40		
10	16QAM	50	0	19.43	19.63	19.58		
10	64QAM	1	0	19.51	19.55	19.40	21.3	0
10	64QAM	1	25	19.39	19.41	19.35		
10	64QAM	1	49	19.31	19.57	19.46		
10	64QAM	25	0	19.39	19.61	19.51	21.3	0
10	64QAM	25	12	19.39	19.44	19.39		
10	64QAM	25	25	19.34	19.55	19.53		
10	64QAM	50	0	19.31	19.64	19.38		
10	256QAM	1	0	17.99	17.74	17.55	19.3	2
10	256QAM	1	25	17.86	17.74	17.51		
10	256QAM	1	49	17.53	17.73	17.69		
10	256QAM	25	0	17.72	17.36	17.56	19.3	2
10	256QAM	25	12	17.70	17.78	17.73		
10	256QAM	25	25	17.79	17.54	17.70		
10	256QAM	50	0	17.74	17.81	17.89		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.49	19.64	19.57	21.3	0
5	QPSK	1	12	19.37	19.44	19.37		
5	QPSK	1	24	19.34	19.58	19.51		
5	QPSK	12	0	19.32	19.61	19.52	21.3	0
5	QPSK	12	7	19.45	19.57	19.50		
5	QPSK	12	13	19.52	19.46	19.59		
5	QPSK	25	0	19.32	19.44	19.34		
5	16QAM	1	0	19.43	19.58	19.53	21.3	0
5	16QAM	1	12	19.54	19.53	19.56		
5	16QAM	1	24	19.43	19.53	19.32		
5	16QAM	12	0	19.35	19.60	19.48	21.3	0
5	16QAM	12	7	19.38	19.46	19.54		
5	16QAM	12	13	19.47	19.56	19.52		
5	16QAM	25	0	19.34	19.49	19.50		
5	64QAM	1	0	19.48	19.53	19.52	21.3	0
5	64QAM	1	12	19.31	19.35	19.34		
5	64QAM	1	24	19.35	19.50	19.39		
5	64QAM	12	0	19.30	19.67	19.48	21.3	0
5	64QAM	12	7	19.33	19.52	19.34		
5	64QAM	12	13	19.38	19.47	19.52		
5	64QAM	25	0	19.46	19.63	19.40		
5	256QAM	1	0	17.86	17.74	17.43	19.3	2
5	256QAM	1	12	17.84	17.72	17.57		
5	256QAM	1	24	17.54	17.74	17.54		
5	256QAM	12	0	17.77	17.48	17.49	19.3	2
5	256QAM	12	7	17.84	17.76	17.59		
5	256QAM	12	13	17.72	17.72	17.67		
5	256QAM	25	0	17.84	17.67	17.75		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.54	19.65	19.53	21.3	0
3	QPSK	1	8	19.48	19.33	19.36		
3	QPSK	1	14	19.40	19.55	19.47		
3	QPSK	8	0	19.31	19.68	19.49	21.3	0
3	QPSK	8	4	19.49	19.58	19.56		
3	QPSK	8	7	19.36	19.57	19.60		
3	QPSK	15	0	19.34	19.44	19.39		
3	16QAM	1	0	19.51	19.45	19.44	21.3	0
3	16QAM	1	8	19.41	19.55	19.40		
3	16QAM	1	14	19.31	19.61	19.33		
3	16QAM	8	0	19.35	19.56	19.48	21.3	0
3	16QAM	8	4	19.44	19.48	19.51		
3	16QAM	8	7	19.34	19.48	19.52		
3	16QAM	15	0	19.39	19.54	19.50		
3	64QAM	1	0	19.49	19.57	19.37	21.3	0
3	64QAM	1	8	19.36	19.35	19.34		
3	64QAM	1	14	19.46	19.52	19.42		
3	64QAM	8	0	19.30	19.52	19.63	21.3	0
3	64QAM	8	4	19.49	19.44	19.43		
3	64QAM	8	7	19.36	19.49	19.46		
3	64QAM	15	0	19.41	19.59	19.51		
3	256QAM	1	0	17.93	17.79	17.51	19.3	2
3	256QAM	1	8	17.93	17.79	17.56		
3	256QAM	1	14	17.60	17.71	17.76		
3	256QAM	8	0	17.75	17.42	17.58	19.3	2
3	256QAM	8	4	17.67	17.69	17.71		
3	256QAM	8	7	17.71	17.57	17.73		
3	256QAM	15	0	17.82	17.70	17.95		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.53	19.66	19.63	21.3	0
1.4	QPSK	1	3	19.49	19.44	19.42		
1.4	QPSK	1	5	19.33	19.62	19.53		
1.4	QPSK	3	0	19.35	19.63	19.55		
1.4	QPSK	3	1	19.45	19.57	19.56		
1.4	QPSK	3	3	19.37	19.48	19.48		
1.4	QPSK	6	0	19.36	19.54	19.36	21.3	0
1.4	16QAM	1	0	19.56	19.61	19.52	21.3	0
1.4	16QAM	1	3	19.42	19.47	19.48		
1.4	16QAM	1	5	19.37	19.64	19.33		
1.4	16QAM	3	0	19.32	19.60	19.45		
1.4	16QAM	3	1	19.46	19.47	19.54		
1.4	16QAM	3	3	19.35	19.60	19.49		
1.4	16QAM	6	0	19.32	19.66	19.52	21.3	0
1.4	64QAM	1	0	19.50	19.53	19.47	21.3	0
1.4	64QAM	1	3	19.46	19.40	19.43		
1.4	64QAM	1	5	19.34	19.55	19.36		
1.4	64QAM	3	0	19.40	19.63	19.62		
1.4	64QAM	3	1	19.42	19.38	19.44		
1.4	64QAM	3	3	19.46	19.40	19.38		
1.4	64QAM	6	0	19.35	19.65	19.42	21.3	0
1.4	256QAM	1	0	17.95	17.74	17.61	19.3	2
1.4	256QAM	1	3	17.89	17.78	17.46		
1.4	256QAM	1	5	17.62	17.72	17.57		
1.4	256QAM	3	0	17.71	17.48	17.56		
1.4	256QAM	3	1	17.72	17.79	17.77		
1.4	256QAM	3	3	17.61	17.54	17.70		
1.4	256QAM	6	0	17.70	17.85	17.89	19.3	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.37	21.44	21.24	22.6	0
20	QPSK	1	49	21.16	21.33	21.17		
20	QPSK	1	99	21.31	21.30	21.23		
20	QPSK	50	0	21.34	21.42	21.11		
20	QPSK	50	24	21.21	21.39	21.24	22.6	0
20	QPSK	50	50	21.16	21.35	21.11		
20	QPSK	100	0	21.26	21.38	21.20		
20	16QAM	1	0	21.38	21.36	21.25		
20	16QAM	1	49	21.39	21.43	21.24	22.6	0
20	16QAM	1	99	21.27	21.34	21.23		
20	16QAM	50	0	20.86	21.21	21.23		
20	16QAM	50	24	21.17	21.04	21.09	22.1	0.5
20	16QAM	50	50	21.10	20.96	21.10		
20	16QAM	100	0	21.06	20.96	21.12		
20	64QAM	1	0	20.94	20.87	20.98		
20	64QAM	1	49	21.29	21.07	21.29	22.1	0.5
20	64QAM	1	99	21.05	21.15	21.04		
20	64QAM	50	0	20.07	19.90	20.03		
20	64QAM	50	24	19.84	20.07	19.86	21.1	1.5
20	64QAM	50	50	20.16	19.97	19.83		
20	64QAM	100	0	19.94	20.10	20.02		
20	256QAM	1	0	18.29	18.21	18.19		
20	256QAM	1	49	18.44	18.35	17.98	19.1	3.5
20	256QAM	1	99	18.17	18.13	18.24		
20	256QAM	50	0	18.25	18.07	18.09		
20	256QAM	50	24	18.45	18.20	18.34	19.1	3.5
20	256QAM	50	50	18.38	18.18	18.32		
20	256QAM	100	0	18.31	18.15	18.18		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	21.31	21.37	21.16	22.6	0
15	QPSK	1	37	21.05	21.12	21.04		
15	QPSK	1	74	21.19	21.30	21.10		
15	QPSK	36	0	21.27	21.22	21.04		
15	QPSK	36	20	20.99	21.37	21.11	22.6	0
15	QPSK	36	39	21.12	21.18	21.08		
15	QPSK	75	0	21.22	21.16	21.00		
15	16QAM	1	0	21.18	21.22	21.07		
15	16QAM	1	37	21.29	21.31	21.16	22.6	0
15	16QAM	1	74	21.11	21.23	21.21		
15	16QAM	36	0	20.86	21.02	21.14		
15	16QAM	36	20	21.07	20.97	20.93	22.1	0.5
15	16QAM	36	39	20.95	20.92	21.04		
15	16QAM	75	0	21.06	20.77	21.05		
15	64QAM	1	0	20.95	20.83	20.79		
15	64QAM	1	37	21.17	20.98	21.18	22.1	0.5
15	64QAM	1	74	21.02	21.08	21.04		
15	64QAM	36	0	20.06	19.91	19.97		
15	64QAM	36	20	19.64	20.00	19.66	21.1	1.5
15	64QAM	36	39	20.00	19.72	19.92		
15	64QAM	75	0	19.82	20.05	19.87		
15	256QAM	1	0	18.09	18.19	18.18		
15	256QAM	1	37	18.24	18.15	17.85	19.1	3.5
15	256QAM	1	74	18.01	18.12	18.14		
15	256QAM	36	0	18.24	18.00	17.97		
15	256QAM	36	20	18.33	18.00	18.29	19.1	3.5
15	256QAM	36	39	18.17	18.05	18.29		
15	256QAM	75	0	18.17	17.94	18.13		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	21.32	21.34	21.12	22.6	0
10	QPSK	1	25	20.99	21.24	21.04		
10	QPSK	1	49	21.30	21.15	21.14		
10	QPSK	25	0	21.17	21.43	21.12		
10	QPSK	25	12	21.18	21.32	21.10	22.6	0
10	QPSK	25	25	20.98	21.33	20.94		
10	QPSK	50	0	21.11	21.38	21.09		
10	16QAM	1	0	21.28	21.18	21.05		
10	16QAM	1	25	21.35	21.22	21.24	22.6	0
10	16QAM	1	49	21.20	21.24	21.02		
10	16QAM	25	0	20.77	21.08	21.17		
10	16QAM	25	12	21.06	20.93	20.89	22.1	0.5
10	16QAM	25	25	21.11	20.77	21.03		
10	16QAM	50	0	21.07	20.90	21.01		
10	64QAM	1	0	20.89	20.73	20.94		
10	64QAM	1	25	21.11	21.03	21.18	22.1	0.5
10	64QAM	1	49	20.85	21.06	21.01		
10	64QAM	25	0	20.05	19.80	19.88		
10	64QAM	25	12	19.66	19.86	19.74	21.1	1.5
10	64QAM	25	25	20.02	19.78	19.65		
10	64QAM	50	0	19.84	19.96	19.94		
10	256QAM	1	0	18.30	18.11	18.01		
10	256QAM	1	25	18.24	18.14	17.83	19.1	3.5
10	256QAM	1	49	18.14	18.12	18.25		
10	256QAM	25	0	18.26	17.97	18.05		
10	256QAM	25	12	18.42	18.02	18.29	19.1	3.5
10	256QAM	25	25	18.16	18.13	18.23		
10	256QAM	50	0	18.28	18.01	18.07		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	21.37	21.31	21.06	22.6	0
5	QPSK	1	12	20.96	21.19	21.08		
5	QPSK	1	24	21.22	21.24	21.24		
5	QPSK	12	0	21.22	21.32	21.05		
5	QPSK	12	7	21.03	21.23	21.20	22.6	0
5	QPSK	12	13	21.10	21.24	20.99		
5	QPSK	25	0	21.28	21.32	21.06		
5	16QAM	1	0	21.26	21.30	21.06		
5	16QAM	1	12	21.31	21.32	21.07	22.6	0
5	16QAM	1	24	21.28	21.26	21.24		
5	16QAM	12	0	20.76	21.01	21.25		
5	16QAM	12	7	21.10	20.99	20.94	22.1	0.5
5	16QAM	12	13	21.11	20.80	21.01		
5	16QAM	25	0	21.00	20.90	20.96		
5	64QAM	1	0	20.76	20.81	20.82		
5	64QAM	1	12	21.09	20.96	21.20	22.1	0.5
5	64QAM	1	24	21.01	20.94	20.91		
5	64QAM	12	0	19.91	19.69	19.81		
5	64QAM	12	7	19.67	19.93	19.72	21.1	1.5
5	64QAM	12	13	20.04	19.72	19.76		
5	64QAM	25	0	19.85	20.03	19.95		
5	256QAM	1	0	18.20	18.23	18.10		
5	256QAM	1	12	18.35	18.13	17.99	19.1	3.5
5	256QAM	1	24	18.09	18.01	18.05		
5	256QAM	12	0	18.16	18.04	18.08		
5	256QAM	12	7	18.28	18.08	18.33	19.1	3.5
5	256QAM	12	13	18.37	18.09	18.17		
5	256QAM	25	0	18.22	17.99	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	21.12	21.09	21.35	21.16	21.18	22.6	0
20	QPSK	1	49	21.00	20.90	21.32	20.97	21.06		
20	QPSK	1	99	21.13	20.89	21.25	21.14	21.19		
20	QPSK	50	0	20.97	21.10	21.33	21.13	21.09		
20	QPSK	50	24	21.04	20.89	21.30	21.01	20.99	22.6	0
20	QPSK	50	50	21.09	21.03	21.26	21.08	21.04		
20	QPSK	100	0	21.01	21.07	21.29	21.09	21.18		
20	16QAM	1	0	21.13	21.05	21.00	20.96	21.13		
20	16QAM	1	49	21.02	20.98	21.25	21.16	21.12	22.6	0
20	16QAM	1	99	21.01	21.06	21.31	21.00	20.98		
20	16QAM	50	0	20.98	21.07	21.18	21.11	21.10		
20	16QAM	50	24	21.05	21.03	21.00	21.13	21.04	22.6	0
20	16QAM	50	50	20.91	20.92	21.18	20.95	20.99		
20	16QAM	100	0	21.06	21.07	21.33	21.09	21.15		
20	64QAM	1	0	20.93	21.07	21.00	20.96	20.98		
20	64QAM	1	49	20.95	20.90	21.22	21.12	21.03	22.6	0
20	64QAM	1	99	20.99	20.90	21.19	21.08	21.18		
20	64QAM	50	0	20.14	19.90	20.23	20.19	20.06		
20	64QAM	50	24	20.01	19.96	19.76	19.89	19.91	21.6	1
20	64QAM	50	50	20.01	20.04	20.00	19.96	19.94		
20	64QAM	100	0	20.15	20.04	19.97	19.82	19.82		
20	256QAM	1	0	18.27	18.35	18.02	18.11	18.13		
20	256QAM	1	49	18.45	18.39	18.10	18.06	18.26	19.6	3
20	256QAM	1	99	18.11	18.23	18.27	18.24	18.29		
20	256QAM	50	0	18.42	18.06	18.08	18.20	18.27		
20	256QAM	50	24	18.25	18.26	18.32	18.34	18.25	19.6	3
20	256QAM	50	50	18.20	18.20	18.37	18.34	18.44		
20	256QAM	100	0	18.48	18.29	18.41	18.48	18.39		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	20.80	20.84	21.26	20.76	20.90	23	0
15	QPSK	1	37	21.07	20.90	21.17	21.03	20.97		
15	QPSK	1	74	20.90	20.96	21.17	21.00	21.00		
15	QPSK	36	0	20.81	20.85	21.13	20.91	21.05		
15	QPSK	36	20	20.97	20.83	21.09	21.12	21.20	22.6	0
15	QPSK	36	39	20.88	20.88	21.24	21.09	20.95		
15	QPSK	75	0	20.93	21.04	21.31	20.95	21.17		
15	16QAM	1	0	21.12	21.04	20.94	20.95	21.13		
15	16QAM	1	37	20.88	20.96	21.13	21.05	20.98	22.6	0
15	16QAM	1	74	20.84	21.04	21.12	21.00	20.91		
15	16QAM	36	0	20.77	20.89	21.13	21.06	20.92		
15	16QAM	36	20	21.04	20.94	20.80	20.94	20.82	22.6	0
15	16QAM	36	39	20.72	20.86	21.11	20.94	21.01		
15	16QAM	75	0	21.02	21.05	21.11	20.92	21.12		
15	64QAM	1	0	20.83	20.91	20.91	20.83	20.97		
15	64QAM	1	37	20.77	20.88	21.10	21.08	20.96	22.6	0
15	64QAM	1	74	21.01	20.83	21.18	20.86	21.16		
15	64QAM	36	0	20.04	19.82	20.07	20.17	20.03		
15	64QAM	36	20	19.90	19.79	19.72	19.84	19.82	21.6	1
15	64QAM	36	39	19.99	19.85	19.93	19.88	19.76		
15	64QAM	75	0	20.06	20.03	19.84	19.80	19.67		
15	256QAM	1	0	18.17	18.15	17.93	17.96	18.06		
15	256QAM	1	37	18.25	18.29	18.06	17.86	18.22	19.6	3
15	256QAM	1	74	18.02	18.20	18.12	18.25	18.25		
15	256QAM	36	0	18.28	17.98	18.07	18.06	18.24		
15	256QAM	36	20	18.16	18.17	18.20	18.27	18.11	19.6	3
15	256QAM	36	39	18.04	18.10	18.24	18.25	18.23		
15	256QAM	75	0	18.31	18.26	18.25	18.34	18.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	20.80	20.83	21.27	20.93	21.03	23	0
10	QPSK	1	25	21.05	20.78	21.21	20.96	20.99		
10	QPSK	1	49	20.85	21.10	21.19	20.92	20.93		
10	QPSK	25	0	20.93	20.87	21.16	20.88	20.89		
10	QPSK	25	12	21.06	20.83	21.25	21.10	21.06	22.6	0
10	QPSK	25	25	20.94	20.92	21.20	21.07	21.04		
10	QPSK	50	0	20.93	20.98	21.22	20.96	21.18		
10	16QAM	1	0	21.01	21.04	20.93	20.88	20.93		
10	16QAM	1	25	21.00	20.85	21.09	21.07	21.08	22.6	0
10	16QAM	1	49	20.90	20.87	21.17	20.85	20.98		
10	16QAM	25	0	20.80	20.86	21.20	21.03	20.92		
10	16QAM	25	12	20.93	20.87	20.95	21.06	21.03	22.6	0
10	16QAM	25	25	20.81	20.80	21.11	20.85	20.86		
10	16QAM	50	0	20.84	20.88	21.12	20.88	21.08		
10	64QAM	1	0	20.89	20.93	20.82	20.85	20.91		
10	64QAM	1	25	20.85	20.85	21.15	20.93	20.92	22.6	0
10	64QAM	1	49	20.92	20.90	21.05	21.02	21.06		
10	64QAM	25	0	19.94	19.82	20.01	20.00	20.02		
10	64QAM	25	12	19.81	19.85	19.77	19.72	19.69	21.6	1
10	64QAM	25	25	19.85	19.83	19.81	19.75	19.84		
10	64QAM	50	0	20.13	19.86	19.98	19.76	19.67		
10	256QAM	1	0	18.20	18.23	17.88	17.98	17.97		
10	256QAM	1	25	18.38	18.24	18.06	18.05	18.17	19.6	3
10	256QAM	1	49	17.89	18.22	18.14	18.13	18.22		
10	256QAM	25	0	18.38	17.99	17.93	18.11	18.24		
10	256QAM	25	12	18.13	18.25	18.31	18.33	18.14	19.6	3
10	256QAM	25	25	18.08	18.17	18.36	18.38	18.39		
10	256QAM	50	0	18.31	18.29	18.29	18.47	18.26		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	20.94	20.85	21.28	20.78	21.02	23	0
5	QPSK	1	12	21.00	20.85	21.24	21.01	21.20		
5	QPSK	1	24	20.82	21.05	21.20	20.94	20.99		
5	QPSK	12	0	20.75	20.95	21.12	20.96	21.10		
5	QPSK	12	7	20.99	20.77	21.21	20.87	20.84	22.6	0
5	QPSK	12	13	20.93	21.00	21.12	20.95	20.87		
5	QPSK	25	0	20.84	20.90	21.11	20.94	20.97		
5	16QAM	1	0	20.95	20.84	21.14	20.83	20.97		
5	16QAM	1	12	21.15	20.89	21.25	21.13	21.07	22.6	0
5	16QAM	1	24	20.82	21.01	21.29	21.15	20.97		
5	16QAM	12	0	20.90	20.86	21.10	20.91	21.08		
5	16QAM	12	7	21.06	21.03	20.90	20.97	20.92	22.6	0
5	16QAM	12	13	20.74	20.85	20.97	20.85	20.79		
5	16QAM	25	0	20.96	20.99	21.18	21.02	21.09		
5	64QAM	1	0	20.75	21.04	20.94	20.78	20.91		
5	64QAM	1	12	20.73	20.69	21.13	20.97	21.00	22.6	0
5	64QAM	1	24	20.78	20.82	21.06	20.89	21.06		
5	64QAM	12	0	20.13	19.85	20.14	20.10	20.08		
5	64QAM	12	7	19.87	19.98	19.77	19.81	19.79	21.6	1
5	64QAM	12	13	19.94	19.91	19.94	19.85	19.91		
5	64QAM	25	0	20.03	19.96	19.95	19.81	19.73		
5	256QAM	1	0	18.06	18.31	17.95	18.07	18.14		
5	256QAM	1	12	18.33	18.17	17.92	17.90	18.14	19.6	3
5	256QAM	1	24	17.95	18.07	18.08	18.20	18.19		
5	256QAM	12	0	18.35	18.05	18.04	18.06	18.18		
5	256QAM	12	7	18.06	18.14	18.31	18.21	18.14	19.6	3
5	256QAM	12	13	18.14	18.04	18.16	18.17	18.30		
5	256QAM	25	0	18.42	18.11	18.31	18.43	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)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.12	23.10	23.21	23.00	23.05	24	0
20	QPSK	1	49	23.02	23.03	23.20	22.86	22.95		
20	QPSK	1	99	23.07	22.91	23.11	22.80	22.85		
20	QPSK	50	0	23.10	22.94	23.20	22.96	23.03		
20	QPSK	50	24	23.10	23.01	23.12	22.94	23.04	24	0
20	QPSK	50	50	22.96	22.90	23.18	22.84	23.03		
20	QPSK	100	0	22.99	22.99	23.12	22.91	23.01		
20	16QAM	1	0	23.00	23.09	23.11	22.92	22.88		
20	16QAM	1	49	22.95	22.92	23.13	22.80	22.94	24	0
20	16QAM	1	99	22.92	22.97	23.15	22.87	22.96		
20	16QAM	50	0	22.98	23.11	23.15	22.86	22.89		
20	16QAM	50	24	23.07	22.96	23.06	22.79	22.90	24	0
20	16QAM	50	50	22.93	23.11	23.12	22.93	22.86		
20	16QAM	100	0	23.12	23.01	23.20	22.90	23.06		
20	64QAM	1	0	22.91	22.99	23.00	23.01	22.92		
20	64QAM	1	49	23.13	23.11	23.11	22.83	22.95	24	0
20	64QAM	1	99	22.97	23.08	23.14	22.96	23.05		
20	64QAM	50	0	23.09	22.96	23.12	23.00	22.94		
20	64QAM	50	24	23.13	23.05	23.16	22.98	23.01	24	0
20	64QAM	50	50	22.99	23.00	23.12	22.95	23.00		
20	64QAM	100	0	23.08	23.01	23.15	22.79	23.01		
20	256QAM	1	0	21.27	21.27	21.41	21.39	21.28		
20	256QAM	1	49	21.21	21.34	21.31	21.29	21.28	22	2
20	256QAM	1	99	21.15	21.29	21.33	21.19	21.29		
20	256QAM	50	0	21.27	21.35	21.22	21.34	21.16		
20	256QAM	50	24	21.33	21.26	21.29	21.37	21.12	22	2
20	256QAM	50	50	21.21	21.34	21.30	21.28	21.25		
20	256QAM	100	0	21.18	21.34	21.33	21.24	21.29		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	23.11	23.07	23.05	22.96	22.98	24	0
15	QPSK	1	37	22.94	23.03	23.18	22.77	22.86		
15	QPSK	1	74	22.95	22.70	22.97	22.79	22.68		
15	QPSK	36	0	23.10	22.73	23.09	22.77	23.00		
15	QPSK	36	20	23.11	22.88	22.96	22.94	23.03	24	0
15	QPSK	36	39	22.76	22.73	23.13	22.75	23.00		
15	QPSK	75	0	22.87	22.80	23.04	22.72	23.02		
15	16QAM	1	0	22.84	23.08	23.03	22.75	22.74		
15	16QAM	1	37	22.91	22.76	23.15	22.60	22.89	24	0
15	16QAM	1	74	22.81	22.95	22.97	22.77	22.85		
15	16QAM	36	0	22.78	23.04	23.09	22.66	22.85		
15	16QAM	36	20	22.94	22.76	22.87	22.80	22.85	24	0
15	16QAM	36	39	22.91	23.01	23.00	22.88	22.69		
15	16QAM	75	0	23.09	22.87	23.00	22.79	23.00		
15	64QAM	1	0	22.90	22.89	22.98	22.83	22.74		
15	64QAM	1	37	23.11	23.09	22.90	22.77	22.88	24	0
15	64QAM	1	74	22.88	22.96	22.94	22.91	22.88		
15	64QAM	36	0	22.91	22.81	23.14	23.02	22.81		
15	64QAM	36	20	23.03	22.92	22.94	22.98	23.00	24	0
15	64QAM	36	39	22.79	22.93	23.06	22.85	22.98		
15	64QAM	75	0	22.94	22.95	23.05	22.81	23.01		
15	256QAM	1	0	21.19	21.26	21.33	21.24	21.25		
15	256QAM	1	37	21.18	21.35	21.18	21.21	21.15	22	2
15	256QAM	1	74	21.12	21.11	21.34	21.12	21.20		
15	256QAM	36	0	21.18	21.20	21.16	21.35	21.09		
15	256QAM	36	20	21.21	21.26	21.07	21.23	20.97	22	2
15	256QAM	36	39	20.99	21.18	21.26	21.23	21.19		
15	256QAM	75	0	21.08	21.17	21.12	21.25	21.24		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.10	23.02	23.01	22.96	22.89	24	0
10	QPSK	1	25	22.95	22.94	23.03	22.68	22.81		
10	QPSK	1	49	23.00	22.89	23.04	22.81	22.73		
10	QPSK	25	0	23.06	22.91	23.10	22.94	23.03		
10	QPSK	25	12	23.07	22.91	22.96	22.75	22.83	24	0
10	QPSK	25	25	22.77	22.90	23.08	22.65	22.86		
10	QPSK	50	0	22.82	22.85	22.93	22.78	22.93		
10	16QAM	1	0	22.90	23.01	23.10	22.93	22.76		
10	16QAM	1	25	22.74	22.75	23.15	22.69	22.79	24	0
10	16QAM	1	49	22.73	22.90	23.02	22.88	22.83		
10	16QAM	25	0	22.82	23.11	22.96	22.71	22.70		
10	16QAM	25	12	22.88	22.75	22.89	22.62	22.75	24	0
10	16QAM	25	25	22.89	23.08	22.90	22.76	22.78		
10	16QAM	50	0	22.90	22.89	23.10	22.85	22.87		
10	64QAM	1	0	22.70	22.89

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.26	22.34	22.20	24	0
20	QPSK	1	49	22.22	22.26	22.16		
20	QPSK	1	99	22.07	22.21	22.13		
20	QPSK	50	0	21.33	21.36	21.27	23	1
20	QPSK	50	24	21.27	21.30	21.21		
20	QPSK	50	50	21.20	21.25	21.19		
20	QPSK	100	0	21.19	21.31	21.27		
20	16QAM	1	0	21.13	21.23	21.19	23	1
20	16QAM	1	49	21.12	21.17	21.06		
20	16QAM	1	99	21.00	21.13	21.02		
20	16QAM	50	0	20.27	20.39	20.26	22	2
20	16QAM	50	24	20.22	20.31	20.19		
20	16QAM	50	50	20.27	20.35	20.22		
20	16QAM	100	0	20.25	20.29	20.22		
20	64QAM	1	0	20.19	20.27	20.15	22	2
20	64QAM	1	49	20.11	20.21	20.08		
20	64QAM	1	99	20.10	20.17	20.14		
20	64QAM	50	0	19.38	19.42	19.32	21	3
20	64QAM	50	24	19.26	19.33	19.28		
20	64QAM	50	50	19.23	19.38	19.24		
20	64QAM	100	0	19.18	19.30	19.18		
20	256QAM	1	0	15.34	15.44	15.30	19	5
20	256QAM	1	49	14.80	14.95	14.83		
20	256QAM	1	99	14.42	14.55	14.43		
20	256QAM	50	0	18.74	18.83	18.72	19	5
20	256QAM	50	24	18.82	18.88	18.74		
20	256QAM	50	50	18.77	18.81	18.75		
20	256QAM	100	0	18.62	18.69	18.63		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.27	22.32	22.14	24	0
15	QPSK	1	37	22.16	22.20	22.07		
15	QPSK	1	74	22.02	22.20	22.07		
15	QPSK	36	0	21.27	21.37	21.24	23	1
15	QPSK	36	20	21.18	21.20	21.21		
15	QPSK	36	39	21.12	21.15	21.18		
15	QPSK	75	0	21.14	21.28	21.22		
15	16QAM	1	0	21.09	21.24	21.19	23	1
15	16QAM	1	37	21.08	21.13	21.02		
15	16QAM	1	74	21.02	21.10	21.06		
15	16QAM	36	0	20.25	20.38	20.16	22	2
15	16QAM	36	20	20.21	20.32	20.10		
15	16QAM	36	39	20.23	20.27	20.18		
15	16QAM	75	0	20.16	20.28	20.19		
15	64QAM	1	0	20.21	20.27	20.13	22	2
15	64QAM	1	37	20.13	20.15	20.02		
15	64QAM	1	74	20.08	20.11	20.07		
15	64QAM	36	0	19.39	19.42	19.29	21	3
15	64QAM	36	20	19.17	19.25	19.24		
15	64QAM	36	39	19.22	19.39	19.16		
15	64QAM	75	0	19.14	19.25	19.17		
15	256QAM	1	0	15.35	15.44	15.30	19	5
15	256QAM	1	37	18.73	18.93	18.77		
15	256QAM	1	74	14.33	14.48	14.43		
15	256QAM	36	0	18.68	18.84	18.72	19	5
15	256QAM	36	20	18.77	18.84	18.67		
15	256QAM	36	39	18.74	18.79	18.67		
15	256QAM	75	0	18.57	18.68	18.62		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.22	22.30	22.16	24	0
10	QPSK	1	25	22.19	22.25	22.14		
10	QPSK	1	49	22.04	22.14	22.07		
10	QPSK	25	0	21.30	21.32	21.23	23	1
10	QPSK	25	12	21.26	21.29	21.13		
10	QPSK	25	25	21.12	21.22	21.09		
10	QPSK	50	0	21.14	21.32	21.28		
10	16QAM	1	0	21.10	21.18	21.16	23	1
10	16QAM	1	25	21.12	21.16	21.02		
10	16QAM	1	49	21.04	21.09	21.05		
10	16QAM	25	0	20.27	20.32	20.24	22	2
10	16QAM	25	12	20.20	20.25	20.11		
10	16QAM	25	25	20.24	20.36	20.13		
10	16QAM	50	0	20.24	20.30	20.14		
10	64QAM	1	0	20.21	20.23	20.13	22	2
10	64QAM	1	25	20.13	20.14	20.06		
10	64QAM	1	49	20.10	20.15	20.13		
10	64QAM	25	0	19.36	19.43	19.22	21	3
10	64QAM	25	12	19.22	19.31	19.25		
10	64QAM	25	25	19.16	19.39	19.15		
10	64QAM	50	0	19.13	19.23	19.20		
10	256QAM	1	0	15.24	15.36	15.27	19	5
10	256QAM	1	25	16.82	16.86	16.76		
10	256QAM	1	49	14.43	14.57	14.34		
10	256QAM	25	0	18.66	18.74	18.64	19	5
10	256QAM	25	12	18.79	18.85	18.67		
10	256QAM	25	25	18.77	18.80	18.75		
10	256QAM	50	0	18.53	18.70	18.54		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.17	22.29	22.11	24	0
5	QPSK	1	12	22.23	22.17	22.08		
5	QPSK	1	24	22.06	22.18	22.14		
5	QPSK	12	0	21.35	21.36	21.18	23	1
5	QPSK	12	7	21.20	21.32	21.21		
5	QPSK	12	13	21.14	21.17	21.16		
5	QPSK	25	0	21.09	21.24	21.23		
5	16QAM	1	0	21.06	21.22	21.19	23	1
5	16QAM	1	12	21.09	21.14	21.02		
5	16QAM	1	24	21.03	21.13	21.11		
5	16QAM	12	0	20.29	20.30	20.17	22	2
5	16QAM	12	7	20.23	20.23	20.15		
5	16QAM	12	13	20.20	20.32	20.23		
5	16QAM	25	0	20.18	20.21	20.13		
5	64QAM	1	0	20.19	20.26	20.06	22	2
5	64QAM	1	12	20.12	20.17	20.05		
5	64QAM	1	24	20.10	20.14	20.16		
5	64QAM	12	0	19.34	19.35	19.32	21	3
5	64QAM	12	7	19.25	19.31	19.25		
5	64QAM	12	13	19.17	19.29	19.17		
5	64QAM	25	0	19.15	19.25	19.10		
5	256QAM	1	0	15.30	15.41	15.22	19	5
5	256QAM	1	12	18.79	18.91	18.83		
5	256QAM	1	24	14.38	14.46	14.44		
5	256QAM	12	0	18.65	18.74	18.73	19	5
5	256QAM	12	7	18.76	18.78	18.65		
5	256QAM	12	13	18.69	18.74	18.76		
5	256QAM	25	0	18.56	18.62	18.60		

Band 43_FCC Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.79	21.82	21.71	23	0
20	QPSK	1	49	21.71	21.74	21.65		
20	QPSK	1	99	21.65	21.69	21.59		
20	QPSK	50	0	20.78	20.93	20.85	22	1
20	QPSK	50	24	20.83	20.87	20.77		
20	QPSK	50	50	20.73	20.82	20.78		
20	QPSK	100	0	20.79	20.85	20.78		
20	16QAM	1	0	20.59	20.69	20.54	22	1
20	16QAM	1	49	20.56	20.63	20.50		
20	16QAM	1	99	20.52	20.59	20.54		
20	16QAM	50	0	19.64	19.76	19.61	21	2
20	16QAM	50	24	19.59	19.68	19.54		
20	16QAM	50	50	19.58	19.72	19.66		
20	16QAM	100	0	19.55	19.66	19.51		
20	64QAM	1	0	19.60	19.69	19.56	21	2
20	64QAM	1	49	19.49	19.63	19.51		
20	64QAM	1	99	19.48	19.59	19.49		
20	64QAM	50	0	18.62	18.73	18.63	20	3
20	64QAM	50	24	18.58	18.64	18.57		
20	64QAM	50	50	18.58	18.69	18.55		
20	64QAM	100	0	18.48	18.61	18.57		
20	256QAM	1	0	17.22	17.37	17.26	18	5
20	256QAM	1	49	17.24	17.34	17.30		
20	256QAM	1	99	17.18	17.29	17.15		
20	256QAM	50	0	17.25	17.32	17.22	18	5
20	256QAM	50	24	17.07	17.22	17.19		
20	256QAM	50	50	17.19	17.28	17.18		
20	256QAM	100	0	17.21	17.25	17.14		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.70	21.76	21.64	23	0
15	QPSK	1	37	21.61	21.67	21.52		
15	QPSK	1	74	21.57	21.61	21.51		
15	QPSK	36	0	20.66	20.88	20.77	22	1
15	QPSK	36	20	20.69	20.81	20.68		
15	QPSK	36	39	20.59	20.72	20.70		
15	QPSK	75	0	20.65	20.79	20.65		
15	16QAM	1	0	20.47	20.60	20.42	22	1
15	16QAM	1	37	20.46	20.54	20.36		
15	16QAM	1	74	20.48	20.49	20.47		
15	16QAM	36	0	19.59	19.66	19.46	21	2
15	16QAM	36	20	19.49	19.57	19.41		
15	16QAM	36	39	19.55	19.64	19.54		
15	16QAM	75	0	19.42	19.54	19.37		
15	64QAM	1	0	19.52	19.61	19.51	21	2
15	64QAM	1	37	19.38	19.50	19.38		
15	64QAM	1	74	19.36	19.52	19.45		
15	64QAM	36	0	18.50	18.67	18.58	20	3
15	64QAM	36	20	18.44	18.58	18.51		
15	64QAM	36	39	18.43	18.62	18.41		
15	64QAM	75	0	18.36	18.49	18.45		
15	256QAM	1	0	17.09	17.24	17.13	18	5
15	256QAM	1	37	17.16	17.30	17.27		
15	256QAM	1	74	17.06	17.19	17.08		
15	256QAM	36	0	17.11	17.22	17.12	18	5
15	256QAM	36	20	17.00	17.10	17.15		
15	256QAM	36	39	17.05	17.13	17.09		
15	256QAM	75	0	17.09	17.15	17.00		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.72	21.75	21.63	23	0
10	QPSK	1	25	21.61	21.67	21.52		
10	QPSK	1	49	21.62	21.62	21.48		
10	QPSK	25	0	20.68	20.89	20.80	22	1
10	QPSK	25	12	20.76	20.77	20.73		
10	QPSK	25	25	20.68	20.73	20.72		
10	QPSK	50	0	20.73	20.82	20.71		
10	16QAM	1	0	20.46	20.62	20.43	22	1
10	16QAM	1	25	20.50	20.50	20.39		
10	16QAM	1	49	20.41	20.46	20.50		
10	16QAM	25	0	19.56	19.62	19.52	21	2
10	16QAM	25	12	19.54	19.63	19.44		
10	16QAM	25	25	19.51	19.66	19.59		
10	16QAM	50	0	19.48	19.59	19.40		
10	64QAM	1	0	19.52	19.62	19.45	21	2
10	64QAM	1	25	19.41	19.58	19.42		
10	64QAM	1	49	19.34	19.55	19.39		
10	64QAM	25	0	18.57	18.59	18.52	20	3
10	64QAM	25	12	18.44	18.50	18.52		
10	64QAM	25	25	18.49	18.55	18.47		
10	64QAM	50	0	18.35	18.47	18.49		
10	256QAM	1	0	17.13	17.26	17.12	18	5
10	256QAM	1	25	17.21	17.21	17.17		
10	256QAM	1	49	17.07	17.26	17.04		
10	256QAM	25	0	17.17	17.25	17.14	18	5
10	256QAM	25	12	17.01	17.16	17.04		
10	256QAM	25	25	17.11	17.13	17.07		
10	256QAM	50	0	17.09	17.18	17.03		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.69	21.79	21.59	23	0
5	QPSK	1	12	21.63	21.70	21.57		
5	QPSK	1	24	21.57	21.64	21.56		
5	QPSK	12	0	20.70	20.80	20.74	22	1
5	QPSK	12	7	20.73	20.83	20.64		
5	QPSK	12	13	20.63	20.79	20.66		
5	QPSK	25	0	20.67	20.71	20.64		
5	16QAM	1	0	20.47	20.64	20.43	22	1
5	16QAM	1	12	20.51	20.58	20.42		
5	16QAM	1	24	20.46	20.46	20.39		
5	16QAM	12	0	19.56	19.71	19.49	21	2
5	16QAM	12	7	19.45	19.64	19.49		
5	16QAM	12	13	19.48	19.59	19.54		
5	16QAM	25	0	19.42	19.59	19.47		
5	64QAM	1	0	19.56	19.57	19.42	21	2
5	64QAM	1	12	19.40	19.53	19.45		
5	64QAM	1	24	19.40	19.45	19.36		
5	64QAM	12	0	18.49	18.59	18.48	20	3
5	64QAM	12	7	18.52	18.60	18.45		
5	64QAM	12	13	18.50	18.60	18.47		
5	64QAM	25	0	18.38	18.53	18.54		
5	256QAM	1	0	17.15	17.23	17.22	18	5
5	256QAM	1	12	17.18	17.27	17.24		
5	256QAM	1	24	17.09	17.23	17.11		
5	256QAM	12	0	17.18	17.23	17.08	18	5
5	256QAM	12	7	17.04	17.18	17.13		
5	256QAM	12	13	17.13	17.17	17.06		
5	256QAM	25	0	17.17	17.22	17.04		

Band 48_FCC Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.05	20.02	19.70	19.67	23	0
20	QPSK	1	49	21.99	22.06	21.92	21.63		
20	QPSK	1	99	21.94	20.66	19.61	19.23		
20	QPSK	50	0	21.06	21.13	21.02	20.74	22	1
20	QPSK	50	24	21.02	21.10	21.00	20.69		
20	QPSK	50	50	20.98	21.06	20.94	20.62		
20	QPSK	100	0	20.93	21.14	20.97	20.68		
20	16QAM	1	0	20.87	19.11	19.03	19.00	22	1
20	16QAM	1	49	20.85	21.11	21.03	21.04		
20	16QAM	1	99	19.52	18.91	18.79	18.78		
20	16QAM	50	0	20.10	20.18	20.14	20.13	21	2
20	16QAM	50	24	20.06	20.14	20.09	20.11		
20	16QAM	50	50	20.01	20.07	19.98	19.98		
20	16QAM	100	0	20.08	20.13	20.09	20.01		
20	64QAM	1	0	18.62	18.19	18.15	18.10	21	2
20	64QAM	1	49	20.05	20.05	19.98	19.97		
20	64QAM	1	99	18.48	17.93	17.87	17.79		
20	64QAM	50	0	19.10	17.14	17.03	17.04	20	3
20	64QAM	50	24	19.03	19.15	19.11	19.11		
20	64QAM	50	50	19.07	19.10	19.02	18.99		
20	64QAM	100	0	18.98	19.20	19.11	19.15		
20	256QAM	1	0	15.47	15.07	14.98	15.00	18	5
20	256QAM	1	49	18.38	17.99	17.93	17.96		
20	256QAM	1	99	15.42	14.88	14.75	14.83		
20	256QAM	50	0	18.10	18.03	17.90	17.93	18	5
20	256QAM	50	24	18.05	18.01	17.94	17.96		
20	256QAM	50	50	17.98	18.25	18.21	18.14		
20	256QAM	100	0	18.08	18.08	17.99	18.01		
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	19.90	19.55	19.59	23	0
15	QPSK	1	37	21.92	21.93	21.88	21.60		
15	QPSK	1	74	21.82	20.60	19.52	19.08		
15	QPSK	36	0	20.92	21.06	20.91	20.69	22	1
15	QPSK	36	20	20.94	20.97	20.90	20.60		
15	QPSK	36	39	20.89	20.95	20.84	20.58		
15	QPSK	75	0	20.82	21.07	20.91	20.57		
15	16QAM	1	0	20.80	18.99	18.91	18.91	22	1
15	16QAM	1	37	20.79	21.02	20.97	21.00		
15	16QAM	1	74	19.46	18.81	18.68	18.71		
15	16QAM	36	0	20.03	20.11	20.07	19.98	21	2
15	16QAM	36	20	19.93	20.04	19.98	19.99		
15	16QAM	36	39	19.92	19.97	19.92	19.90		
15	16QAM	75	0	19.95	20.05	19.98	19.88		
15	64QAM	1	0	18.51	18.10	18.07	18.06	21	2
15	64QAM	1	37	20.00	20.01	19.90	19.84		
15	64QAM	1	74	18.36	17.89	17.79	17.71		
15	64QAM	36	0	18.99	17.02	16.97	16.91	20	3
15	64QAM	36	20	18.89	19.05	18.98	19.03		
15	64QAM	36	39	19.02	19.02	18.93	18.84		
15	64QAM	75	0	18.87	19.15	19.02	19.06		
15	256QAM	1	0	15.41	14.98	14.90	14.95	18	5
15	256QAM	1	37	18.32	17.95	17.82	17.87		
15	256QAM	1	74	15.32	14.80	14.67	14.74		
15	256QAM	36	0	18.02	17.93	17.79	17.83	18	5
15	256QAM	36	20	17.93	17.92	17.84	17.82		
15	256QAM	36	39	17.93	18.15	18.08	18.02		
15	256QAM	75	0	17.99	17.94	17.93	17.90		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.01	19.93	19.57	19.61	23	0
10	QPSK	1	25	21.88	21.97	21.88	21.53		
10	QPSK	1	49	21.82	20.60	19.47	19.13		
10	QPSK	25	0	20.93	21.09	20.90	20.64	22	1
10	QPSK	25	12	20.89	20.97	20.88	20.59		
10	QPSK	25	25	20.91	21.03	20.82	20.55		
10	QPSK	50	0	20.84	21.04	20.85	20.62		
10	16QAM	1	0	20.83	19.04	18.96	18.86	22	1
10	16QAM	1	25	20.78	21.04	20.92	20.97		
10	16QAM	1	49	19.40	18.88	18.67	18.68		
10	16QAM	25	0	20.05	20.06	20.08	20.02	21	2
10	16QAM	25	12	19.96	19.99	19.96	20.08		
10	16QAM	25	25	19.96	20.02	19.83	19.87		
10	16QAM	50	0	19.98	19.98	20.04	19.89		
10	64QAM	1	0	18.56	18.11	18.10	18.06	21	2
10	64QAM	1	25	19.94	19.98	19.88	19.89		
10	64QAM	1	49	18.42	17.83	17.82	17.68		
10	64QAM	25	0	19.00	17.04	16.91	16.96	20	3
10	64QAM	25	12	18.94	19.09	19.08	19.07		
10	64QAM	25	25	19.03	19.03	18.95	18.85		
10	64QAM	50	0	18.86	19.07	19.01	19.09		
10	256QAM	1	0	15.33	15.02	14.91	14.89	18	5
10	256QAM	1	25	18.33	17.90	17.81	17.85		
10	256QAM	1	49	15.28	14.80	14.71	14.72		
10	256QAM	25	0	18.02	17.92	17.80	17.85	18	5
10	256QAM	25	12	17.91	17.94	17.82	17.89		
10	256QAM	25	25	17.84	18.19	18.08	18.05		
10	256QAM	50	0	17.94	18.05	17.88	17.93		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	21.92	19.95	19.62	19.52	23	0
5	QPSK	1	12	21.93	21.99	21.86	21.52		
5	QPSK	1	24	21.80	20.54	19.49	19.13		
5	QPSK	12	0	21.00	21.05	20.94	20.63	22	1
5	QPSK	12	7	20.94	20.97	20.87	20.58		
5	QPSK	12	13	20.85	21.03	20.91	20.48		
5	QPSK	25	0	20.83	21.05	20.86	20.61		
5	16QAM	1	0	20.79	19.00	18.91	18.91	22	1
5	16QAM	1	12	20.75	21.02	20.97	20.96		
5	16QAM	1	24	19.45	18.80	18.71	18.66		
5	16QAM	12	0	20.05	20.05	20.09	20.10	21	2
5	16QAM	12	7	19.95	20.08	19.95	19.97		
5	16QAM	12	13	19.91	20.01	19.83	19.91		
5	16QAM	25	0	20.02	19.99	19.95	19.87		
5	64QAM	1	0	18.59	18.11	18.02	18.04	21	2
5	64QAM	1	12	19.93	19.98	19.87	19.92		
5	64QAM	1	24	18.36	17.79	17.82	17.73		
5	64QAM	12	0	18.98	17.08	16.92	17.01	20	3
5	64QAM	12	7	18.90	19.11	18.98	19.01		
5	64QAM	12	13	18.99	19.06	18.94	18.89		
5	64QAM	25	0	18.88	19.09	19.02	19.09		
5	256QAM	1	0	15.42	14.96	14.84	14.87	18	5
5	256QAM	1	12	18.27	17.88	17.89	17.81		
5	256QAM	1	24	15.38	14.85	14.65	14.73		
5	256QAM	12	0	18.03	17.98	17.76	17.84	18	5
5	256QAM	12	7	17.90	17.90	17.89	17.83		
5	256QAM	12	13	17.91	18.22	18.10	18.09		
5	256QAM	25	0	17.93	17.96	17.87	17.97		

GSM1900 Ant3 DBS

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	25.27	25.38	25.10	25.50	16.21	16.38	16.10	16.50
GPRS 1 Tx slot	25.28	25.21	25.33	25.50	16.28	16.21	16.33	16.50
GPRS 2 Tx slots	21.82	21.97	21.91	23.00	15.82	15.97	15.91	17.00
GPRS 3 Tx slots	19.99	20.01	19.88	21.50	15.73	15.75	15.62	17.24
GPRS 4 Tx slots	18.89	18.78	18.80	19.00	15.89	15.78	15.80	16.00
EDGE 1 Tx slot	25.69	25.55	25.47	26.00	16.69	16.55	16.47	17.00
EDGE 2 Tx slots	22.65	22.55	22.63	23.00	16.65	16.55	16.63	17.00
EDGE 3 Tx slots	20.42	20.26	20.36	21.00	16.16	16.00	16.09	16.74
EDGE 4 Tx slots	19.64	19.55	19.33	20.00	16.64	16.55	16.33	17.00

WCDMA II Ant3 Default

WCDMA IV Ant3 Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.11	19.00	19.12	20.60	19.91	20.11	19.87	21.60
3GPP Rel 99	RMC 12.2Kbps	19.14	19.27	19.19	20.60	20.01	20.24	20.12	21.60
3GPP Rel 6	HSDPA Subtest-1	18.34	18.14	18.11	19.60	19.01	19.25	19.13	20.60
3GPP Rel 6	HSDPA Subtest-2	18.07	18.21	18.14	19.60	18.94	19.28	18.98	20.60
3GPP Rel 6	HSDPA Subtest-3	17.79	17.69	17.70	19.10	18.56	18.63	18.72	20.10
3GPP Rel 6	HSDPA Subtest-4	17.66	17.67	17.69	19.10	18.48	18.85	18.53	20.10
3GPP Rel 8	DC-HSDPA Subtest-1	18.27	18.21	18.28	19.60	19.17	19.25	19.11	20.60
3GPP Rel 8	DC-HSDPA Subtest-2	18.22	18.25	18.15	19.60	19.06	19.22	19.05	20.60
3GPP Rel 8	DC-HSDPA Subtest-3	17.76	17.74	17.55	19.10	18.44	18.84	18.49	20.10
3GPP Rel 8	DC-HSDPA Subtest-4	17.91	17.66	17.77	19.10	18.40	18.84	18.75	20.10
3GPP Rel 6	HSUPA Subtest-1	18.06	18.17	18.21	19.60	19.05	19.35	19.26	20.60
3GPP Rel 6	HSUPA Subtest-2	16.30	16.20	16.12	17.60	17.09	17.33	16.93	18.60
3GPP Rel 6	HSUPA Subtest-3	17.18	17.23	17.32	18.60	17.87	18.38	18.01	19.60
3GPP Rel 6	HSUPA Subtest-4	16.33	16.31	16.11	17.60	17.09	17.34	17.06	18.60
3GPP Rel 6	HSUPA Subtest-5	18.14	18.33	18.38	19.60	19.09	19.28	19.25	20.60

Band 2 Ant3 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	19.27	19.49	19.33	21.1	0
20	QPSK	1	49	19.16	19.38	19.35		
20	QPSK	1	99	19.14	19.23	19.14		
20	QPSK	50	0	19.26	19.35	19.31		
20	QPSK	50	24	19.17	19.32	19.22		
20	QPSK	50	50	19.26	19.32	19.24		
20	QPSK	100	0	19.23	19.34	19.29		
20	16QAM	1	0	19.18	19.45	19.28		
20	16QAM	1	49	19.32	19.36	19.27		
20	16QAM	1	99	19.20	19.35	19.25		
20	16QAM	50	0	19.25	19.39	19.33		
20	16QAM	50	24	19.20	19.38	19.38		
20	16QAM	50	50	19.21	19.32	19.37		
20	16QAM	100	0	19.16	19.34	19.33		
20	64QAM	1	0	19.18	19.43	19.21		
20	64QAM	1	49	19.16	19.45	19.26		
20	64QAM	1	99	19.28	19.35	19.37		
20	64QAM	50	0	19.17	19.47	19.31		
20	64QAM	50	24	19.32	19.43	19.23		
20	64QAM	50	50	19.23	19.44	19.36		
20	64QAM	100	0	19.33	19.45	19.24		
20	256QAM	1	0	19.14	19.26	19.05		
20	256QAM	1	49	19.25	19.24	19.20	20.6	0.5
20	256QAM	1	99	19.05	19.12	19.13		
20	256QAM	50	0	19.00	19.11	19.08		
20	256QAM	50	24	19.08	19.15	19.12	20.6	0.5
20	256QAM	50	50	19.02	19.07	18.88		
20	256QAM	100	0	18.88	19.09	18.97		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.10	19.34	19.31	21.1	0
15	QPSK	1	37	19.10	19.35	19.18		
15	QPSK	1	74	19.23	19.17	19.23		
15	QPSK	36	0	19.11	19.20	19.18		
15	QPSK	36	20	19.23	19.17	19.23		
15	QPSK	36	39	19.23	19.22	19.16		
15	QPSK	75	0	19.23	19.25	19.17		
15	16QAM	1	0	19.23	19.27	19.12		
15	16QAM	1	37	19.30	19.21	19.23		
15	16QAM	1	74	19.23	19.32	19.24		
15	16QAM	36	0	19.20	19.26	19.25		
15	16QAM	36	20	19.10	19.32	19.20		
15	16QAM	36	39	19.13	19.15	19.29		
15	16QAM	75	0	19.12	19.24	19.17		
15	64QAM	1	0	19.23	19.26	19.19		
15	64QAM	1	37	19.23	19.35	19.15	21.1	0
15	64QAM	1	74	19.23	19.17	19.27		
15	64QAM	36	0	19.12	19.42	19.24		
15	64QAM	36	20	19.19	19.38	19.18		
15	64QAM	36	39	19.23	19.34	19.26		
15	64QAM	75	0	19.22	19.36	19.20		
15	256QAM	1	0	19.05	19.04	18.91		
15	256QAM	1	37	19.15	19.09	19.15	20.6	0.5
15	256QAM	1	74	18.95	18.93	19.08		
15	256QAM	36	0	18.89	19.05	18.93		
15	256QAM	36	20	19.04	19.16	19.12	20.6	0.5
15	256QAM	36	39	18.89	18.86	18.82		
15	256QAM	75	0	18.82	18.88	18.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.12	19.38	19.26	21.1	0
10	QPSK	1	25	19.23	19.25	19.19		
10	QPSK	1	49	19.23	19.11	19.23		
10	QPSK	25	0	19.11	19.32	19.24		
10	QPSK	25	12	19.23	19.17	19.23		
10	QPSK	25	25	19.20	19.16	19.20		
10	QPSK	50	0	19.15	19.31	19.16		
10	16QAM	1	0	19.10	19.34	19.25		
10	16QAM	1	25	19.28	19.24	19.13		
10	16QAM	1	49	19.18	19.29	19.20		
10	16QAM	25	0	19.13	19.37	19.23		
10	16QAM	25	12	19.23	19.32	19.29		
10	16QAM	25	25	19.23	19.18	19.36		
10	16QAM	50	0	19.23	19.19	19.29		
10	64QAM	1	0	19.23	19.33	19.15		
10	64QAM	1	25	19.13	19.31	19.23	21.1	0
10	64QAM	1	49	19.25	19.31	19.18		
10	64QAM	25	0	19.23	19.35	19.26		
10	64QAM	25	12	19.22	19.24	19.23		
10	64QAM	25	25	19.10	19.36	19.23		
10	64QAM	50	0	19.29	19.35	19.19		
10	256QAM	1	0	19.02	19.06	18.97		
10	256QAM	1	25	19.14	19.26	19.20	20.6	0.5
10	256QAM	1	49	18.99	19.01	19.01		
10	256QAM	25	0	18.79	18.99	18.86		
10	256QAM	25	12	18.91	19.11	19.05	20.6	0.5
10	256QAM	25	25	18.93	18.88	18.85		
10	256QAM	50	0	18.68	19.07	18.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.17	19.35	19.29	21.1	0
5	QPSK	1	12	19.23	19.36	19.24		
5	QPSK	1	24	19.12	19.16	19.23		
5	QPSK	12	0	19.18	19.29	19.28		
5	QPSK	12	7	19.23	19.30	19.23		
5	QPSK	12	13	19.18	19.14	19.23		
5	QPSK	25	0	19.21	19.17	19.11		
5	16QAM	1	0	19.10	19.39	19.23		
5	16QAM	1	12	19.20	19.22	19.23	21.1	0
5	16QAM	1	24	19.12	19.33	19.12		
5	16QAM	12	0	19.23	19.35	19.30		
5	16QAM	12	7	19.14	19.36	19.27	21.1	0
5	16QAM	12	13	19.23	19.18	19.33		
5	16QAM	25	0	19.23	19.25	19.16		
5	64QAM	1	0	19.23	19.38	19.23		
5	64QAM	1	12	19.23	19.40	19.14	21.1	0
5	64QAM	1	24	19.16	19.16	19.23		
5	64QAM	12	0	19.23	19.43	19.13		
5	64QAM	12	7	19.25	19.34	19.23	21.1	0
5	64QAM	12	13	19.13	19.43	19.33		
5	64QAM	25	0	19.24	19.26	19.19		
5	256QAM	1	0	19.12	19.06	18.95		
5	256QAM	1	12	19.11	19.08	19.10	20.6	0.5
5	256QAM	1	24	18.98	18.99	19.01		
5	256QAM	12	0	18.85	19.07	19.01		
5	256QAM	12	7	19.07	18.97	18.94	20.6	0.5
5	256QAM	12	13	18.86	19.08	18.87		
5	256QAM	25	0	18.81	18.98	18.94		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.19	19.35	19.22	21.1	0
3	QPSK	1	8	19.23	19.25	19.26		
3	QPSK	1	14	19.10	19.12	19.23		
3	QPSK	8	0	19.19	19.22	19.24		
3	QPSK	8	4	19.23	19.17	19.21		
3	QPSK	8	7	19.15	19.29	19.20		
3	QPSK	15	0	19.23	19.15	19.19		
3	16QAM	1	0	19.23	19.42	19.19		
3	16QAM	1	8	19.30	19.30	19.17	21.1	0
3	16QAM	1	14	19.10	19.29	19.13		
3	16QAM	8	0	19.15	19.21	19.20		
3	16QAM	8	4	19.13	19.22	19.33	21.1	0
3	16QAM	8	7	19.23	19.21	19.33		
3	16QAM	15	0	19.12	19.16	19.24		
3	64QAM	1	0	19.15	19.32	19.12		
3	64QAM	1	8	19.23	19.43	19.20	21.1	0
3	64QAM	1	14	19.15	19.19	19.34		
3	64QAM	8	0	19.23	19.39	19.24		
3	64QAM	8	4	19.29	19.31	19.21	21.1	0
3	64QAM	8	7	19.23	19.28	19.22		
3	64QAM	15	0	19.21	19.34	19.10		
3	256QAM	1	0	18.92	19.22	18.88		
3	256QAM	1	8	19.07	19.07	19.19	20.6	0.5
3	256QAM	1	14	18.85	18.91	19.03		
3	256QAM	8	0	18.79	18.94	19.05		
3	256QAM	8	4	18.88	19.16	19.06	20.6	0.5
3	256QAM	8	7	18.94	19.02	18.87		
3	256QAM	15	0	18.72	19.10	18.91		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.22	19.41	19.15	21.1	0
1.4	QPSK	1	3	19.13	19.29	19.27		
1.4	QPSK	1	5	19.12	19.20	19.23		
1.4	QPSK	3	0	19.23	19.25	19.24		
1.4	QPSK	3	1	19.23	19.26	19.18		
1.4	QPSK	3	3	19.11	19.14	19.16		
1.4	QPSK	6	0	19.22	19.20	19.26	21.1	0
1.4	16QAM	1	0	19.14	19.44	19.12	21.1	0
1.4	16QAM	1	3	19.13	19.19	19.21		
1.4	16QAM	1	5	19.18	19.25	19.23		
1.4	16QAM	3	0	19.23	19.24	19.15		
1.4	16QAM	3	1	19.23	19.31	19.21		
1.4	16QAM	3	3	19.23	19.21	19.32		
1.4	16QAM	6	0	19.11	19.24	19.25	21.1	0
1.4	64QAM	1	0	19.14	19.28	19.14	21.1	0
1.4	64QAM	1	3	19.23	19.32	19.16		
1.4	64QAM	1	5	19.15	19.23	19.31		
1.4	64QAM	3	0	19.13	19.30	19.28		
1.4	64QAM	3	1	19.29	19.26	19.10		
1.4	64QAM	3	3	19.14	19.27	19.18		
1.4	64QAM	6	0	19.23	19.43	19.13	21.1	0
1.4	256QAM	1	0	18.98	19.07	19.05	20.6	0.5
1.4	256QAM	1	3	19.19	19.10	19.13		
1.4	256QAM	1	5	19.03	19.13	19.03		
1.4	256QAM	3	0	18.81	18.93	19.00		
1.4	256QAM	3	1	18.88	19.10	18.95		
1.4	256QAM	3	3	18.97	18.89	18.87		
1.4	256QAM	6	0	18.86	18.93	18.78	20.6	0.5

Band 4 Ant3 DSI5 Simultaneous

BW [MHz]	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	20.16	20.40	20.10	21.1	0
20	QPSK	1	49	20.11	20.29	20.18		
20	QPSK	1	99	20.13	20.27	20.08		
20	QPSK	50	0	20.05	20.23	20.09		
20	QPSK	50	24	20.21	20.18	20.20		
20	QPSK	50	50	20.19	20.21	20.16		
20	QPSK	100	0	20.05	20.17	20.06		
20	16QAM	1	0	20.11	20.27	20.21		
20	16QAM	1	49	20.19	20.27	20.23		
20	16QAM	1	99	20.11	20.27	20.09		
20	16QAM	50	0	20.12	20.18	20.20		
20	16QAM	50	24	20.25	20.27	20.23		
20	16QAM	50	50	20.17	20.32	20.21		
20	16QAM	100	0	20.22	20.27	20.09		
20	64QAM	1	0	20.23	20.29	20.09		
20	64QAM	1	49	20.19	20.21	20.25		
20	64QAM	1	99	20.11	20.27	20.14		
20	64QAM	50	0	20.15	20.29	20.07		
20	64QAM	50	24	20.17	19.94	20.03		
20	64QAM	50	50	20.18	20.26	20.08		
20	64QAM	100	0	20.12	20.07	20.07		
20	256QAM	1	0	18.81	19.03	18.84		
20	256QAM	1	49	18.77	18.94	18.92	19.6	1.5
20	256QAM	1	99	18.99	18.82	18.76		
20	256QAM	50	0	18.66	18.86	18.91		
20	256QAM	50	24	18.81	18.86	18.81		
20	256QAM	50	50	18.61	18.60	18.54		
20	256QAM	100	0	18.65	18.64	18.64		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.01	20.23	20.03	21.1	0
15	QPSK	1	37	20.09	20.17	20.08		
15	QPSK	1	74	19.95	20.18	20.00		
15	QPSK	36	0	19.90	20.06	20.06		
15	QPSK	36	20	20.11	20.15	20.18		
15	QPSK	36	39	20.11	20.15	20.13		
15	QPSK	75	0	20.02	20.03	20.03		
15	16QAM	1	0	19.94	20.15	20.07		
15	16QAM	1	37	20.11	20.14	20.13		
15	16QAM	1	74	20.06	20.10	20.05		
15	16QAM	36	0	20.05	20.08	20.02		
15	16QAM	36	20	20.18	20.26	20.05		
15	16QAM	36	39	20.12	20.18	20.04		
15	16QAM	75	0	20.13	20.13	20.00		
15	64QAM	1	0	20.16	20.21	19.92		
15	64QAM	1	37	20.17	20.04	20.13		
15	64QAM	1	74	20.09	20.11	19.97		
15	64QAM	36	0	19.99	20.20	20.03		
15	64QAM	36	20	20.14	19.94	19.98		
15	64QAM	36	39	20.06	20.13	19.96		
15	64QAM	75	0	19.99	19.88	20.05		
15	256QAM	1	0	18.62	18.96	18.68		
15	256QAM	1	37	18.72	18.86	18.82	19.6	1.5
15	256QAM	1	74	18.90	18.67	18.69		
15	256QAM	36	0	18.63	18.88	18.69		
15	256QAM	36	20	18.66	18.80	18.70	19.6	1.5
15	256QAM	36	39	18.46	18.49	18.50		
15	256QAM	75	0	18.44	18.47	18.49		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.10	20.26	19.96	21.1	0
10	QPSK	1	25	19.99	20.13	20.05		
10	QPSK	1	49	20.10	20.23	20.01		
10	QPSK	25	0	19.88	20.08	19.96		
10	QPSK	25	12	20.19	20.03	20.05		
10	QPSK	25	25	20.05	20.08	20.14		
10	QPSK	50	0	20.01	20.03	19.94		
10	16QAM	1	0	19.98	20.20	20.12		
10	16QAM	1	25	20.11	20.17	20.19	21.1	0
10	16QAM	1	49	20.09	20.25	19.97		
10	16QAM	25	0	19.95	20.16	20.04		
10	16QAM	25	12	20.12	20.16	20.07		
10	16QAM	25	25	20.02	20.18	20.04		
10	16QAM	50	0	20.07	20.12	20.03		
10	64QAM	1	0	20.11	20.25	19.97		
10	64QAM	1	25	20.07	20.08	20.22	21.1	0
10	64QAM	1	49	20.03	20.25	20.13		
10	64QAM	25	0	19.98	20.21	20.00		
10	64QAM	25	12	20.13	19.82	19.89		
10	64QAM	25	25	20.07	20.25	19.98		
10	64QAM	50	0	20.09	20.05	20.01		
10	256QAM	1	0	18.74	18.98	18.72		
10	256QAM	1	25	18.61	18.93	18.72	19.6	1.5
10	256QAM	1	49	18.85	18.76	18.69		
10	256QAM	25	0	18.58	18.67	18.81		
10	256QAM	25	12	18.63	18.73	18.76	19.6	1.5
10	256QAM	25	25	18.62	18.44	18.34		
10	256QAM	50	0	18.58	18.59	18.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.01	20.21	19.97	21.1	0
5	QPSK	1	12	19.94	20.21	20.15		
5	QPSK	1	24	20.05	20.16	19.89		
5	QPSK	12	0	20.02	20.12	19.96		
5	QPSK	12	7	20.19	20.05	20.06	21.1	0
5	QPSK	12	13	20.00	20.06	20.10		
5	QPSK	25	0	19.87	20.06	19.95		
5	16QAM	1	0	20.04	20.11	20.11		
5	16QAM	1	12	20.11	20.25	20.12	21.1	0
5	16QAM	1	24	19.93	20.17	19.97		
5	16QAM	12	0	20.03	20.03	20.18		
5	16QAM	12	7	20.15	20.18	20.08	21.1	0
5	16QAM	12	13	20.09	20.20	20.06		
5	16QAM	25	0	20.14	20.25	19.91		
5	64QAM	1	0	20.11	20.11	20.03		
5	64QAM	1	12	20.10	20.07	20.14	21.1	0
5	64QAM	1	24	19.98	20.25	20.08		
5	64QAM	12	0	19.96	20.20	20.05		
5	64QAM	12	7	19.98	19.81	19.98	21.1	0
5	64QAM	12	13	20.17	20.15	19.93		
5	64QAM	25	0	20.06	19.95	19.94		
5	256QAM	1	0	18.76	18.89	18.73		
5	256QAM	1	12	18.78	18.78	18.72	19.6	1.5
5	256QAM	1	24	18.96	18.68	18.60		
5	256QAM	12	0	18.55	18.78	18.92		
5	256QAM	12	7	18.67	18.87	18.68	19.6	1.5
5	256QAM	12	13	18.46	18.44	18.46		
5	256QAM	25	0	18.49	18.61	18.52		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.05	20.29	20.02	21.1	0
3	QPSK	1	8	20.00	20.20	20.00		
3	QPSK	1	14	20.06	20.26	19.94		
3	QPSK	8	0	19.88	20.09	19.99		
3	QPSK	8	4	20.09	20.12	20.11	21.1	0
3	QPSK	8	7	20.05	20.12	20.09		
3	QPSK	15	0	19.92	20.14	19.94		
3	16QAM	1	0	19.92	20.09	20.13		
3	16QAM	1	8	20.09	20.24	20.12	21.1	0
3	16QAM	1	14	20.09	20.21	20.07		
3	16QAM	8	0	20.07	20.16	20.16		
3	16QAM	8	4	20.23	20.13	20.21	21.1	0
3	16QAM	8	7	20.03	20.19	20.15		
3	16QAM	15	0	20.06	20.15	19.95		
3	64QAM	1	0	20.15	20.23	19.96		
3	64QAM	1	8	20.16	20.16	20.15	21.1	0
3	64QAM	1	14	20.04	20.24	20.04		
3	64QAM	8	0	20.06	20.20	19.94		
3	64QAM	8	4	20.12	19.80	19.95	21.1	0
3	64QAM	8	7	20.07	20.10	20.07		
3	64QAM	15	0	19.97	19.97	20.04		
3	256QAM	1	0	18.71	19.01	18.73		
3	256QAM	1	8	18.79	18.84	18.73	19.6	1.5
3	256QAM	1	14	18.95	18.79	18.65		
3	256QAM	8	0	18.64	18.71	18.75		
3	256QAM	8	4	18.81	18.67	18.70	19.6	1.5
3	256QAM	8	7	18.58	18.43	18.45		
3	256QAM	15	0	18.59	18.44	18.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.08	20.34	20.08	21.1	0
1.4	QPSK	1	3	19.97	20.15	20.14		
1.4	QPSK	1	5	20.04	20.13	19.97		
1.4	QPSK	3	0	19.88	20.19	20.04		
1.4	QPSK	3	1	20.03	20.17	20.18		
1.4	QPSK	3	3	20.13	20.14	20.12		
1.4	QPSK	6	0	19.88	20.04	19.92	21.1	0
1.4	16QAM	1	0	19.93	20.15	20.11	21.1	0
1.4	16QAM	1	3	20.13	20.23	20.21		
1.4	16QAM	1	5	20.09	20.12	20.04		
1.4	16QAM	3	0	19.96	20.09	20.09		
1.4	16QAM	3	1	20.20	20.12	20.17		
1.4	16QAM	3	3	20.13	20.22	20.08		
1.4	16QAM	6	0	20.19	20.12	19.92	21.1	0
1.4	64QAM	1	0	20.06	20.17	19.97	21.1	0
1.4	64QAM	1	3	20.15	20.14	20.12		
1.4	64QAM	1	5	19.94	20.18	20.01		
1.4	64QAM	3	0	20.03	20.15	19.89		
1.4	64QAM	3	1	20.09	19.84	19.89		
1.4	64QAM	3	3	20.11	20.14	20.04		
1.4	64QAM	6	0	19.95	20.04	19.95	21.1	0
1.4	256QAM	1	0	18.69	18.84	18.64	19.6	1.5
1.4	256QAM	1	3	18.58	18.92	18.85		
1.4	256QAM	1	5	18.99	18.71	18.54		
1.4	256QAM	3	0	18.50	18.69	18.83		
1.4	256QAM	3	1	18.61	18.85	18.63		
1.4	256QAM	3	3	18.49	18.49	18.52		
1.4	256QAM	6	0	18.54	18.61	18.49	19.6	1.5

Band 7 Ant3 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.17	20.27	20.14	21.2	0
20	QPSK	1	49	20.02	19.94	19.95		
20	QPSK	1	99	20.25	20.13	20.07		
20	QPSK	50	0	20.02	20.20	19.85		
20	QPSK	50	24	20.05	19.92	20.04		
20	QPSK	50	50	20.10	20.11	20.02		
20	QPSK	100	0	20.01	20.12	20.08		
20	16QAM	1	0	20.03	19.99	19.96		
20	16QAM	1	49	20.11	20.10	20.16		
20	16QAM	1	99	20.07	20.04	19.99		
20	16QAM	50	0	20.12	19.95	19.99		
20	16QAM	50	24	20.13	19.95	20.09		
20	16QAM	50	50	20.13	19.97	19.97		
20	16QAM	100	0	19.98	20.04	19

Band 25 Ant3 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.45	19.61	19.50		
20	QPSK	1	49	19.24	19.41	19.32	21.1	0
20	QPSK	1	99	19.41	19.52	19.34		
20	QPSK	50	0	19.30	19.55	19.40		
20	QPSK	50	24	19.22	19.40	19.32	21.1	0
20	QPSK	50	50	19.35	19.41	19.19		
20	QPSK	100	0	19.30	19.33	19.22		
20	16QAM	1	0	19.31	19.41	19.27		
20	16QAM	1	49	19.28	19.47	19.14	21.1	0
20	16QAM	1	99	19.15	19.22	19.26		
20	16QAM	50	0	19.19	19.39	19.21		
20	16QAM	50	24	19.12	19.38	19.22	21.1	0
20	16QAM	50	50	19.31	19.29	19.43		
20	16QAM	100	0	19.17	19.49	19.23		
20	64QAM	1	0	19.27	19.40	19.45		
20	64QAM	1	49	19.24	19.40	19.17	21.1	0
20	64QAM	1	99	19.27	19.41	19.26		
20	64QAM	50	0	19.25	19.33	19.30		
20	64QAM	50	24	19.21	19.33	19.29	21.1	0
20	64QAM	50	50	19.17	19.41	19.22		
20	64QAM	100	0	19.31	19.36	19.18		
20	256QAM	1	0	18.83	18.88	18.77		
20	256QAM	1	49	18.75	18.98	19.05	20.1	1
20	256QAM	1	99	19.14	19.10	18.84		
20	256QAM	50	0	18.70	19.02	18.75		
20	256QAM	50	24	18.63	19.02	18.78	20.1	1
20	256QAM	50	50	18.86	18.63	18.61		
20	256QAM	100	0	18.85	18.71	18.66		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.35	19.45	19.45		
15	QPSK	1	37	19.22	19.40	19.17	21.1	0
15	QPSK	1	74	19.36	19.48	19.30		
15	QPSK	36	0	19.18	19.50	19.27		
15	QPSK	36	20	19.28	19.35	19.30	21.1	0
15	QPSK	36	39	19.26	19.33	19.10		
15	QPSK	75	0	19.11	19.29	19.14		
15	16QAM	1	0	19.20	19.39	19.15		
15	16QAM	1	37	19.14	19.46	19.24	21.1	0
15	16QAM	1	74	19.13	19.28	19.24		
15	16QAM	36	0	19.10	19.31	19.17		
15	16QAM	36	20	19.36	19.24	19.38	21.1	0
15	16QAM	36	39	19.19	19.17	19.27		
15	16QAM	75	0	19.38	19.40	19.25		
15	64QAM	1	0	19.19	19.36	19.40		
15	64QAM	1	37	19.19	19.32	19.16	21.1	0
15	64QAM	1	74	19.20	19.33	19.17		
15	64QAM	36	0	19.11	19.28	19.11		
15	64QAM	36	20	19.25	19.21	19.28	21.1	0
15	64QAM	36	39	19.40	19.37	19.15		
15	64QAM	75	0	19.22	19.21	19.10		
15	256QAM	1	0	18.73	18.74	18.64		
15	256QAM	1	37	18.71	18.91	18.89	20.1	1
15	256QAM	1	74	18.95	18.99	18.74		
15	256QAM	36	0	18.69	18.85	18.74		
15	256QAM	36	20	18.61	18.92	18.68	20.1	1
15	256QAM	36	39	18.85	18.62	18.56		
15	256QAM	75	0	18.67	18.53	18.51		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.43	19.58	19.43		
10	QPSK	1	25	19.31	19.32	19.19	21.1	0
10	QPSK	1	49	19.37	19.49	19.23		
10	QPSK	25	0	19.20	19.45	19.33		
10	QPSK	25	12	19.12	19.35	19.24	21.1	0
10	QPSK	25	25	19.33	19.39	19.14		
10	QPSK	50	0	19.23	19.32	19.37		
10	16QAM	1	0	19.24	19.39	19.21		
10	16QAM	1	25	19.21	19.29	19.32	21.1	0
10	16QAM	1	49	19.36	19.40	19.33		
10	16QAM	25	0	19.25	19.27	19.23		
10	16QAM	25	12	19.32	19.33	19.11	21.1	0
10	16QAM	25	25	19.30	19.15	19.34		
10	16QAM	50	0	19.24	19.45	19.22		
10	64QAM	1	0	19.14	19.35	19.28		
10	64QAM	1	25	19.32	19.33	19.11	21.1	0
10	64QAM	1	49	19.22	19.27	19.24		
10	64QAM	25	0	19.12	19.27	19.20		
10	64QAM	25	12	19.31	19.21	19.34	21.1	0
10	64QAM	25	25	19.40	19.35	19.18		
10	64QAM	50	0	19.36	19.26	19.25		
10	256QAM	1	0	18.70	18.75	18.65		
10	256QAM	1	25	18.63	18.96	19.03	20.1	1
10	256QAM	1	49	19.09	18.91	18.69		
10	256QAM	25	0	18.52	18.95	18.63		
10	256QAM	25	12	18.49	18.84	18.65	20.1	1
10	256QAM	25	25	18.68	18.54	18.55		
10	256QAM	50	0	18.74	18.68	18.61		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.39	19.53	19.46		
5	QPSK	1	12	19.23	19.28	19.28	21.1	0
5	QPSK	1	24	19.32	19.48	19.19		
5	QPSK	12	0	19.12	19.54	19.31		
5	QPSK	12	7	19.18	19.29	19.28	21.1	0
5	QPSK	12	13	19.23	19.23	19.38		
5	QPSK	25	0	19.12	19.25	19.21		
5	16QAM	1	0	19.20	19.35	19.22		
5	16QAM	1	12	19.16	19.35	19.35	21.1	0
5	16QAM	1	24	19.14	19.10	19.29		
5	16QAM	12	0	19.22	19.24	19.20		
5	16QAM	12	7	19.32	19.31	19.29	21.1	0
5	16QAM	12	13	19.15	19.26	19.27		
5	16QAM	25	0	19.39	19.44	19.34		
5	64QAM	1	0	19.19	19.36	19.42		
5	64QAM	1	12	19.17	19.24	19.26	21.1	0
5	64QAM	1	24	19.10	19.36	19.12		
5	64QAM	12	0	19.23	19.15	19.13		
5	64QAM	12	7	19.10	19.32	19.18	21.1	0
5	64QAM	12	13	19.32	19.33	19.28		
5	64QAM	25	0	19.25	19.24	19.23		
5	256QAM	1	0	18.66	18.69	18.68		
5	256QAM	1	12	18.65	18.80	19.00	20.1	1
5	256QAM	1	24	19.11	19.07	18.67		
5	256QAM	12	0	18.54	18.98	18.60		
5	256QAM	12	7	18.49	18.87	18.65	20.1	1
5	256QAM	12	13	18.80	18.48	18.52		
5	256QAM	25	0	18.71	18.58	18.64		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.39	19.44	19.46		
3	QPSK	1	8	19.10	19.26	19.31	21.1	0
3	QPSK	1	14	19.32	19.49	19.31		
3	QPSK	8	0	19.21	19.46	19.38		
3	QPSK	8	4	19.16	19.29	19.18	21.1	0
3	QPSK	8	7	19.18	19.24	19.32		
3	QPSK	15	0	19.21	19.20	19.11		
3	16QAM	1	0	19.29	19.27	19.12		
3	16QAM	1	8	19.25	19.38	19.33	21.1	0
3	16QAM	1	14	19.12	19.10	19.12		
3	16QAM	8	0	19.10	19.37	19.20		
3	16QAM	8	4	19.38	19.34	19.20	21.1	0
3	16QAM	8	7	19.28	19.12	19.35		
3	16QAM	15	0	19.33	19.40	19.11		
3	64QAM	1	0	19.12	19.27	19.41		
3	64QAM	1	8	19.27	19.38	19.12	21.1	0
3	64QAM	1	14	19.16	19.28	19.17		
3	64QAM	8	0	19.21	19.28	19.26		
3	64QAM	8	4	19.10	19.24	19.22	21.1	0
3	64QAM	8	7	19.19	19.29	19.13		
3	64QAM	15	0	19.23	19.35	19.32		
3	256QAM	1	0	18.69	18.72	18.68		
3	256QAM	1	8	18.64	18.91	19.00	20.1	1
3	256QAM	1	14	19.07	18.97	18.68		
3	256QAM	8	0	18.57	18.95	18.62		
3	256QAM	8	4	18.57	18.85	18.59	20.1	1
3	256QAM	8	7	18.77	18.45	18.45		
3	256QAM	15	0	18.72	18.61	18.56		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.37	19.54	19.46		
1.4	QPSK	1	3	19.13	19.40	19.25		
1.4	QPSK	1	5	19.25	19.51	19.23	21.1	0
1.4	QPSK	3	0	19.24	19.43	19.27		
1.4	QPSK	3	1	19.20	19.33	19.17		
1.4	QPSK	3	3	19.26	19.28	19.21		
1.4	QPSK	6	0	19.12	19.31	19.12	21.1	0
1.4	16QAM	1	0	19.23	19.37	19.23		
1.4	16QAM	1	3	19.16	19.45	19.14		
1.4	16QAM	1	5	19.20	19.16	19.23	21.1	0
1.4	16QAM	3	0	19.10	19.30	19.19		
1.4	16QAM	3	1	19.10	19.34	19.13		
1.4	16QAM	3	3	19.30	19.15	19.28		
1.4	16QAM	6	0	19.14	19.48	19.16	21.1	0
1.4	64QAM	1	0	19.19	19.28	19.40		
1.4	64QAM	1	3	19.17	19.30	19.14		
1.4	64QAM	1	5	19.11	19.27	19.25	21.1	0
1.4	64QAM	3	0	19.22	19.24	19.21		
1.4	64QAM	3	1	19.13	19.27	19.20		
1.4	64QAM	3	3	19.10	19.37	19.16		
1.4	64QAM	6	0	19.30	19.28	19.20	21.1	0
1.4	256QAM	1	0	18.77	18.71	18.72		
1.4	256QAM	1	3	18.65	18.89	18.89		
1.4	256QAM	1	5	19.12	19.03	18.75	20.1	1
1.4	256QAM	3	0	18.67	18.95	18.61		
1.4	256QAM	3	1	18.58	18.98	18.64		
1.4	256QAM	3	3	18.72	18.49	18.48		
1.4	256QAM	6	0	18.70	18.60	18.48	20.1	1

Band 66 Ant3 DSI5 Simultaneous

BW [MHz]	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	20.56	20.38		
20	QPSK	1	49	20.37	20.46	20.36	21.1	0
20	QPSK	1	99	20.35	20.27	20.24		
20	QPSK	50	0	20.23	20.41	20.32		
20	QPSK	50	24	20.12	20.38	20.29	21.1	0
20	QPSK	50	50	20.21	20.34	20.28		
20	QPSK	100	0	20.21	20.39	20.25		
20	16QAM	1	0	20.23	20.19	20.21		
20	16QAM	1	49	20.17	20.25	20.31	21.1	0
20	16QAM	1	99	20.15	20.28	20.17		
20	16QAM	50	0	20.11	20.41	20.09		
20	16QAM	50	24	20.29	20.34	20.29	21.1	0
20	16QAM	50	50	20.28	20.26	20.19		
20	16QAM	100	0	20.21	20.25	20.15		
20	64QAM	1	0	20.11	20.21	20.11		
20	64QAM	1	49	20.10	20.22	20.19	21.1	0
20	64QAM	1	99	20.19	20.31	20.27		
20	64QAM	50	0	20.34	20.09	20.21		
20	64QAM	50	24	20.41	20.17	20.24	21.1	0
20	64QAM	50	50	20.26	20.12	20.33		
20	64QAM	100	0	20.32	20.29	20.35		
20	256QAM	1	0	19.03	19.24	19.16		
20	256QAM	1	49	19.06	19.13	19.30	20.1	1
20	256QAM	1	99	19.10	19.16	19.36		
20	256QAM	50	0	19.31	19.13	19.13		
20	256QAM	50	24	19.00	19.00	19.23	20.1	1
20	256QAM	50	50	19.27	19.01	19.22		
20	256QAM	100	0	19.17	19.15	19.27		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.34	20.55	20.22		
15	QPSK	1	37	20.27	20.37	20.25	21.1	0
15	QPSK	1	74	20.27	20.11	20.20		
15	QPSK	36	0	20.15	20.25	20.31		
15	QPSK	36	20	20.11	20.30	20.14	21.1	0
15	QPSK	36	39	20.03	20.33	20.18		
15	QPSK	75	0	20.20	20.34	20.17		
15	16QAM	1	0	20.12	20.01	20.09		
15	16QAM	1	37	20.12	20.13	20.25	21.1	0
15	16QAM	1	74	20.09	20.26	20.15		
15	16QAM	36	0	20.09	20.24	20.03		
15	16QAM	36	20	20.18	20.24	20.16	21.1	0
15	16QAM	36	39	20.11	20.24	20.09		
15	16QAM	75	0	20.14	20.12	20.04		
15	64QAM	1	0	19.92	20.16	20.10		
15	64QAM	1	37	20.06	20.20	20.11	21.1	0
15	64QAM	1	74	20.13	20.22	20.24		
15	64QAM	36	0	20.32	20.02	20.10		
15	64QAM	36	20	20.24	20.11	20.14	21.1	0
15	64QAM	36	39	20.10	19.94	20.16		
15	64QAM	75	0	20.29	20.24	20.26		
15	256QAM	1	0	18.89	19.21	19.11		
15	256QAM	1	37	19.06	19.03	19.12	20.1	1
15	256QAM	1	74	19.09	19.02	19.30		
15	256QAM	36	0	19.29	18.95	18.99		
15	256QAM	36	20	18.87	18.91	19.18	20.1	1
15	256QAM	36	39	19.23	18.86	19.16		
15	256QAM	75	0	18.99	18.97	19.21		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.34	20.43	20.31		
10	QPSK	1	25	20.31	20.28	20.17	21.1	0
10	QPSK	1	49	20.25	20.25	20.06		
10	QPSK	25	0	20.21	20.35	20.26		
10	QPSK	25	12	20.09	20.35	20.26	21.1	0
10	QPSK	25	25	20.10	20.29	20.21		
10	QPSK	50	0	20.05	20.28	20.15		
10	16QAM	1	0	20.11	20.10	20.04		
10	16QAM	1	25	20.09	20.16	20.25	21.1	0
10	16QAM	1	49	20.10	20.14	20.04		
10	16QAM	25	0	20.01	20.32	20.07		
10	16QAM	25	12	20.14	20.17	20.22	21.1	0
10	16QAM	25	25	20.26	20.14	20.05		
10	16QAM	50	0	20.07	20.17	20.05		
10	64QAM	1	0	19.92	20.18	19.99		
10	64QAM	1	25	19.96	20.10	20.12	21.1	0
10	64QAM	1	49	20.14	20.15	20.12		
10	64QAM	25	0	20.23	20.03	20.07		
10	64QAM	25	12	20.35	20.11	20.05	21.1	0
10	64QAM	25	25	20.18	19.98	20.17		
10	64QAM	50	0	20.20	20.24	20.23		
10	256QAM	1	0	18.96	19.07	18.97		
10	256QAM	1	25	18.90	19.06	19.15	20.1	1
10	256QAM	1	49	19.09	19.11	19.17		
10	256QAM	25	0	19.24	19.01	19.00		
10	256QAM	25	12	18.87	18.88	19.12	20.1	1
10	256QAM	25	25	19.20	18.87	19.12		
10	256QAM	50	0	19.10	18.99	19.18		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.38	20.55	20.32		
5	QPSK	1	12	20.29	20.44	20.30	21.1	0
5	QPSK	1	24	20.30	20.19	20.07		
5	QPSK	12	0	20.09	20.38	20.26		
5	QPSK	12	7	20.07	20.22	20.20	21.1	0
5	QPSK	12	13	20.19	20.16	20.19		
5	QPSK	25	0	20.14	20.37	20.10		
5	16QAM	1	0	20.06	20.04	20.07		
5	16QAM	1	12	20.08	20.17	20.18	21.1	0
5	16QAM	1	24	20.09	20.09	20.07		
5	16QAM	12	0	19.95	20.25	19.92		
5	16QAM	12	7	20.16	20.18	20.17	21.1	0
5	16QAM	12	13	20.18	20.11	20.09		
5	16QAM	25	0	20.03	20.15	20.01		
5	64QAM	1	0	20.00	20.11	19.93		
5	64QAM	1	12	20.00	20.18	20.08	21.1	0
5	64QAM	1	24	20.10	20.26	20.25		
5	64QAM	12	0	20.29	20.04	20.09		
5	64QAM	12	7	20.40	20.04	20.07	21.1	0
5	64QAM	12	13	20.25	20.04	20.26		
5	64QAM	25	0	20.20	20.15	20.23		
5	256QAM	1	0	18.96	19.20	19.07		
5	256QAM	1	12	18.96	19.00	19.28	20.1	1
5	256QAM	1	24	18.98	19.12	19.30		
5	256QAM	12	0	19.16	19.09	19.00		
5	256QAM	12	7	18.88	18.90	19.20	20.1	1
5	256QAM	12	13	19.18	18.87	19.20		
5	256QAM	25	0	19.00	18.97	19.26		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.23	20.53	20.26		
3	QPSK	1	8	20.20	20.40	20.35	21.1	0
3	QPSK	1	14	20.33	20.12	20.15		
3	QPSK	8	0	20.16	20.32	20.13		
3	QPSK	8	4	20.05	20.25	20.24	21.1	0
3	QPSK	8	7	20.13	20.22	20.26		
3	QPSK	15	0	20.10	20.23	20.12		
3	16QAM	1	0	20.06	20.03	20.08		
3	16QAM	1	8	20.08	20.17	20.16	21.1	0
3	16QAM	1	14	20.12	20.12	20.12		
3	16QAM	8	0	20.01	20.36	20.07		
3	16QAM	8	4	20.28	20.16	20.20	21.1	0
3	16QAM	8	7	20.13	20.10	20.18		
3	16QAM	15	0	20.18	20.06	19.99		
3	64QAM	1	0	20.09	20.10	20.05		
3	64QAM	1	8	20.02	20.21	20.08	21.1	0
3	64QAM	1	14	20.10	20.30	20.22		
3	64QAM	8	0	20.23	20.00	20.09		
3	64QAM	8	4	20.28	20.14	20.12	21.1	0
3	64QAM	8	7	20.15	20.06	20.21		
3	64QAM	15	0	20.14	20.27	20.19		
3	256QAM	1	0	18.87	19.12	18.99		
3	256QAM	1	8	18.92	18.99	19.15	20.1	1
3	256QAM	1	14	18.95	19.13	19.22		
3	256QAM	8	0	19.13	19.00	19.05		
3	256QAM	8	4	18.90	18.86	19.21	20.1	1
3	256QAM	8	7	19.18	18.92	19.03		
3	256QAM	15	0	19.07	19.00	19.14		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.30	20.44	20.35		
1.4	QPSK	1	3	20.32	20.38	20.22		
1.4	QPSK	1	5	20.18	20.17	20.21	21.1	0
1.4	QPSK	3	0	20.14	20.37	20.15		
1.4	QPSK	3	1	20.02	20.19	20.26		
1.4	QPSK	3	3	20.13	20.25	20.23		
1.4	QPSK	6	0	20.03	20.34	20.12	21.1	0
1.4	16QAM	1	0	20.11	20.17	20.05		
1.4	16QAM	1	3	20.14	20.08	20.13		
1.4	16QAM	1	5	20.13	20.15	20.04	21.1	0
1.4	16QAM	3	0	20.05	20.28	19.97		
1.4	16QAM	3	1	20.27	20.23	20.16		
1.4	16QAM	3	3	20.20	20.15	20.02		
1.4	16QAM	6	0	20.05	20.08	20.09	21.1	0
1.4	64QAM	1	0	19.93	20.14	19.93		
1.4	64QAM	1	3	19.96	20.14	20.06		
1.4	64QAM	1	5	20.16	20.21	20.17	21.1	0
1.4	64QAM	3	0	20.25	20.02	20.09		
1.4	64QAM	3	1	20.27	20.05	20.19		
1.4	64QAM	3	3	20.23	20.09	20.26		
1.4	64QAM	6	0	20.22	20.12	20.21	21.1	0
1.4	256QAM	1	0	18.85	19.16	19.13		
1.4	256QAM	1	3	19.08	18.94	19.14		
1.4	256QAM	1	5	19.07	19.15	19.23	20.1	1
1.4	256QAM	3	0	19.18	19.01	19.08		
1.4	256QAM	3	1	18.95	18.94	19.07		
1.4	256QAM	3	3	19.11	18.91	19.12		
1.4	256QAM	6	0	19.12	18.96	19.25	20.1	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	21.58	21.65	21.48	23	0
20	QPSK	1	49	21.28	21.32	21.44		
20	QPSK	1	99	21.37	21.47	21.37		
20	QPSK	50	0	21.46	21.50	21.48	23	0
20	QPSK	50	24	21.26	21.35	21.45		
20	QPSK	50	50	21.41	21.32	21.38		
20	QPSK	100	0	21.44	21.46	21.42		
20	16QAM	1	0	21.35	21.51	21.49	23	0
20	16QAM	1	49	21.35	21.20	21.42		
20	16QAM	1	99	21.22	21.31	21.37		
20	16QAM	50	0	21.43	21.59	21.30	23	0
20	16QAM	50	24	21.25	21.15	21.22		
20	16QAM	50	50	21.12	21.50	21.40		
20	16QAM	100	0	21.41	21.42	21.30		
20	64QAM	1	0	21.46	21.52	21.32	23	0
20	64QAM	1	49	21.24	21.11	21.29		
20	64QAM	1	99	21.24	21.42	21.36		
20	64QAM	50	0	21.40	21.49	21.27	22.5	0.5
20	64QAM	50	24	21.19	21.41	21.30		
20	64QAM	50	50	21.43	21.45	21.40		
20	64QAM	100	0	21.45	21.43	21.34		
20	256QAM	1	0	19.37	19.56	19.37	20.5	2.5
20	256QAM	1	49	19.45	19.49	19.42		
20	256QAM	1	99	19.45	19.38	19.47		
20	256QAM	50	0	19.48	19.52	19.40	20.5	2.5
20	256QAM	50	24	19.40	19.31	19.41		
20	256QAM	50	50	19.51	19.27	19.53		
20	256QAM	100	0	19.53	19.44	19.45		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.44	21.51	21.30	23	0
15	QPSK	1	37	21.10	21.15	21.35		
15	QPSK	1	74	21.31	21.35	21.22		
15	QPSK	36	0	21.30	21.33	21.31	23	0
15	QPSK	36	20	21.22	21.27	21.36		
15	QPSK	36	39	21.24	21.16	21.27		
15	QPSK	75	0	21.38	21.40	21.25		
15	16QAM	1	0	21.28	21.35	21.38	23	0
15	16QAM	1	37	21.22	21.04	21.24		
15	16QAM	1	74	21.12	21.15	21.21		
15	16QAM	36	0	21.39	21.54	21.17	23	0
15	16QAM	36	20	21.12	21.08	21.10		
15	16QAM	36	39	21.08	21.40	21.38		
15	16QAM	75	0	21.24	21.36	21.12		
15	64QAM	1	0	21.42	21.47	21.18	23	0
15	64QAM	1	37	21.19	21.05	21.27		
15	64QAM	1	74	21.13	21.38	21.25		
15	64QAM	36	0	21.39	21.40	21.38	22.5	0.5
15	64QAM	36	20	21.39	21.46	21.45		
15	64QAM	36	39	21.41	21.33	21.46		
15	64QAM	75	0	21.36	21.30	21.38		
15	256QAM	1	0	19.43	19.54	19.36	20.5	2.5
15	256QAM	1	37	19.39	19.47	19.44		
15	256QAM	1	74	19.35	19.43	19.61		
15	256QAM	36	0	19.57	19.42	19.40	20.5	2.5
15	256QAM	36	20	19.35	19.37	19.48		
15	256QAM	36	39	19.52	19.29	19.51		
15	256QAM	75	0	19.54	19.37	19.43		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.54	21.59	21.44	23	0
10	QPSK	1	25	21.25	21.16	21.32		
10	QPSK	1	49	21.29	21.31	21.27		
10	QPSK	25	0	21.41	21.40	21.40	23	0
10	QPSK	25	12	21.11	21.32	21.26		
10	QPSK	25	25	21.38	21.30	21.32		
10	QPSK	50	0	21.42	21.32	21.26		
10	16QAM	1	0	21.33	21.39	21.46	23	0
10	16QAM	1	25	21.31	21.08	21.34		
10	16QAM	1	49	21.03	21.14	21.30		
10	16QAM	25	0	21.34	21.41	21.23	23	0
10	16QAM	25	12	21.14	21.11	21.18		
10	16QAM	25	25	21.06	21.32	21.24		
10	16QAM	50	0	21.24	21.37	21.16		
10	64QAM	1	0	21.32	21.48	21.31	23	0
10	64QAM	1	25	21.12	21.03	21.10		
10	64QAM	1	49	21.14	21.37	21.27		
10	64QAM	25	0	21.44	21.31	21.30	22.5	0.5
10	64QAM	25	12	21.31	21.33	21.29		
10	64QAM	25	25	21.30	21.34	21.27		
10	64QAM	50	0	21.40	21.34	21.30		
10	256QAM	1	0	19.32	19.47	19.43	20.5	2.5
10	256QAM	1	25	19.40	19.57	19.58		
10	256QAM	1	49	19.42	19.33	19.53		
10	256QAM	25	0	19.53	19.50	19.36	20.5	2.5
10	256QAM	25	12	19.44	19.31	19.38		
10	256QAM	25	25	19.50	19.33	19.56		
10	256QAM	50	0	19.65	19.43	19.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.46	21.47	21.33	23	0
5	QPSK	1	12	21.12	21.22	21.42		
5	QPSK	1	24	21.31	21.38	21.34		
5	QPSK	12	0	21.38	21.45	21.43	23	0
5	QPSK	12	7	21.21	21.20	21.34		
5	QPSK	12	13	21.34	21.31	21.35		
5	QPSK	25	0	21.30	21.34	21.39		
5	16QAM	1	0	21.19	21.34	21.45	23	0
5	16QAM	1	12	21.23	21.08	21.35		
5	16QAM	1	24	21.20	21.25	21.31		
5	16QAM	12	0	21.30	21.47	21.21	23	0
5	16QAM	12	7	21.15	21.06	21.05		
5	16QAM	12	13	21.09	21.45	21.28		
5	16QAM	25	0	21.40	21.37	21.12		
5	64QAM	1	0	21.42	21.38	21.16	23	0
5	64QAM	1	12	21.12	21.01	21.19		
5	64QAM	1	24	21.23	21.39	21.25		
5	64QAM	12	0	21.39	21.43	21.32	22.5	0.5
5	64QAM	12	7	21.39	21.47	21.36		
5	64QAM	12	13	21.46	21.32	21.34		
5	64QAM	25	0	21.40	21.40	21.33		
5	256QAM	1	0	19.47	19.49	19.34	20.5	2.5
5	256QAM	1	12	19.49	19.53	19.51		
5	256QAM	1	24	19.40	19.40	19.63		
5	256QAM	12	0	19.56	19.47	19.40	20.5	2.5
5	256QAM	12	7	19.48	19.30	19.51		
5	256QAM	12	13	19.48	19.36	19.58		
5	256QAM	25	0	19.53	19.40	19.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.71	21.71	21.78	21.65	21.66	23	0
20	QPSK	1	49	21.56	21.51	21.50	21.62	21.67		
20	QPSK	1	99	21.56	21.55	21.73	21.64	21.68		
20	QPSK	50	0	21.56	21.71	21.72	21.67	21.49	23	0
20	QPSK	50	24	21.57	21.53	21.61	21.63	21.71		
20	QPSK	50	50	21.64	21.57	21.45	21.61	21.44		
20	QPSK	100	0	21.51	21.60	21.64	21.59	21.46		
20	16QAM	1	0	21.53	21.56	21.62	21.62	21.60	23	0
20	16QAM	1	49	21.46	21.47	21.38	21.60	21.63		
20	16QAM	1	99	21.49	21.36	21.57	21.50	21.54		
20	16QAM	50	0	21.59	21.66	21.74	21.53	21.61	23	0
20	16QAM	50	24	21.46	21.40	21.32	21.51	21.51		
20	16QAM	50	50	21.42	21.39	21.69	21.52	21.62		
20	16QAM	100	0	21.42	21.52	21.69	21.49	21.48		
20	64QAM	1	0	21.70	21.60	21.65	21.55	21.62	23	0
20	64QAM	1	49	21.49	21.46	21.35	21.51	21.48		
20	64QAM	1	99	21.48	21.48	21.55	21.56	21.55		
20	64QAM	50	0	21.41	21.52	21.67	21.59	21.32	22.5	0.5
20	64QAM	50	24	21.43	21.47	21.42	21.47	21.67		
20	64QAM	50	50	21.61	21.44	21.40	21.52	21.35		
20	64QAM	100	0	21.38	21.45	21.47	21.49	21.33		
20	256QAM	1	0	19.56	19.66	19.56	19.54	19.72	20.5	2.5
20	256QAM	1	49	19.65	19.66	19.62	19.63	19.65		
20	256QAM	1	99	19.58	19.62	19.64	19.61	19.71		
20	256QAM	50	0	19.57	19.53	19.67	19.64	19.58	20.5	2.5
20	256QAM	50	24	19.69	19.66	19.64	19.71	19.65		
20	256QAM	50	50	19.65	19.57	19.61	19.61	19.55		
20	256QAM	100	0	19.72	19.68	19.66	19.57	19.62		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.54	21.55	21.63	21.49	21.51	23	0
15	QPSK	1	37	21.39	21.47	21.35	21.50	21.56		
15	QPSK	1	74	21.48	21.53	21.65	21.61	21.59		
15	QPSK	36	0	21.49	21.54	21.68	21.55	21.35	23	0
15	QPSK	36	20	21.50	21.42	21.59	21.56	21.54		
15	QPSK	36	39	21.58	21.44	21.33	21.48	21.35		
15	QPSK	75	0	21.36	21.46	21.61	21.45	21.43		
15	16QAM	1	0	21.42	21.48	21.50	21.57	21.47	23	0
15	16QAM	1	37	21.44	21.29	21.28	21.50	21.47		
15	16QAM	1	74	21.30	21.31	21.42	21.32	21.45		
15	16QAM	36	0	21.43	21.60	21.55	21.39	21.57	23	0
15	16QAM	36	20	21.30	21.35	21.14	21.48	21.39		
15	16QAM	36	39	21.23	21.28	21.53	21.40	21.55		
15	16QAM	75	0	21.28	21.39	21.56	21.31	21.34		
15	64QAM	1	0	21.52	21.50	21.56	21.50	21.46	23	0
15	64QAM	1	37	21.43	21.38	21.20	21.36	21.32		
15	64QAM	1	74	21.37	21.43	21.44	21.39	21.46		
15	64QAM	36	0	21.23	21.41	21.55	21.52	21.25	22.5	0.5
15	64QAM	36	20	21.36	21.31	21.33	21.42	21.65		
15	64QAM	36	39	21.60	21.42	21.24	21.35	21.33		
15	64QAM	75	0	21.34	21.42	21.31	21.41	21.17		
15	256QAM	1	0	19.38	19.51	19.55	19.41	19.54	20.5	2.5
15	256QAM	1	37	19.47	19.48	19.58	19.62	19.59		
15	256QAM	1	74	19.50	19.47	19.60	19.52	19.58		
15	256QAM	36	0	19.48	19.33	19.48	19.49	19.55	20.5	2.5
15	256QAM	36	20	19.61	19.48	19.45	19.57	19.49		
15	256QAM	36	39	19.63	19.40	19.45	19.58	19.45		
15	256QAM	75	0	19.52	19.64	19.63	19.49	19.52		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.65	21.66	21.61	21.47	21.47	23	0
10	QPSK	1	25	21.47	21.44	21.46	21.52	21.66		
10	QPSK	1	49	21.41	21.45	21.68	21.63	21.59		
10	QPSK	25	0	21.46	21.52	21.66	21.62	21.44	23	0
10	QPSK	25	12	21.45	21.34	21.50	21.51	21.58		
10	QPSK	25	25	21.47	21.55	21.30	21.58	21.32		
10	QPSK	50	0	21.34	21.45	21.53	21.47	21.41		
10	16QAM	1	0	21.35	21.50	21.53	21.58	21.53	23	0
10	16QAM	1	25	21.40	21.36	21.21	21.49	21.62		
10	16QAM	1	49	21.46	21.33	21.48	21.47	21.46		
10	16QAM	25	0	21.46	21.57	21.61	21.38	21.60	23	0
10	16QAM	25	12	21.33	21.32	21.28	21.34	21.38		
10	16QAM	25	25	21.31	21.36	21.65	21.46	21.60		
10	16QAM	50	0	21.34	21.46	21.63	21.43	21.44		
10	64QAM	1	0	21.64	21.41	21.53	21.49	21.59	23	0
10	64QAM	1	25	21.36	21.38	21.27	21.40	21.40		
10	64QAM	1	49	21.30	21.46	21.50	21.42	21.50		
10	64QAM	25	0	21.32	21.39	21.50	21.44	21.28	22.5	0.5
10	64QAM	25	12	21.36	21.37	21.26	21.35	21.56		
10	64QAM	25	25	21.56	21.27	21.24	21.45	21.32		
10	64QAM	50	0	21.33	21.34	21.31	21.39	21.20		
10	256QAM	1	0	19.39	19.48	19.47	19.36	19.64	20.5	2.5
10	256QAM	1	25	19.59	19.64	19.54	19.61	19.49		
10	256QAM	1	49	19.41	19.44	19.56	19.61	19.70		
10	256QAM	25	0	19.55	19.50	19.66	19.48	19.56	20.5	2.5
10	256QAM	25	12	19.59	19.57	19.49	19.61	19.49		
10	256QAM	25	25	19.56	19.42	19.59	19.58	19.42		
10	256QAM	50	0	19.66	19.60	19.62	19.47	19.42		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.58	21.53	21.77	21.57	21.47	23	0
5	QPSK	1	12	21.43	21.37	21.37	21.44	21.49		
5	QPSK	1	24	21.53	21.39	21.60	21.55	21.57		
5	QPSK	12	0	21.46	21.53	21.70	21.58	21.36	23	0
5	QPSK	12	7	21.48	21.49	21.53	21.57	21.62		
5	QPSK	12	13	21.57	21.56	21.28	21.54	21.37		
5	QPSK	25	0	21.49	21.50	21.57	21.46	21.43		
5	16QAM	1	0	21.50	21.50	21.44	21.45	21.57	23	0
5	16QAM	1	12	21.29	21.45	21.31	21.57	21.60		
5	16QAM	1	24	21.31	21.20	21.51	21.38	21.42		
5	16QAM	12	0	21.50	21.52	21.66	21.46	21.53	23	0
5	16QAM	12	7	21.38	21.23	21.17	21.47	21.38		
5	16QAM	12	13	21.25	21.34	21.65	21.38	21.50		
5	16QAM	25	0	21.32	21.36	21.57	21.40	21.36		
5	64QAM	1	0	21.65	21.58	21.60	21.37	21.45	23	0
5	64QAM	1	12	21.36	21.39	21.24	21.38	21.36		
5	64QAM	1	24	21.30	21.46	21.49	21.43	21.52		
5	64QAM	12	0	21.40	21.35	21.59	21.52	21.26	22.5	0.5
5	64QAM	12	7	21.26	21.29	21.26	21.28	21.58		
5	64QAM	12	13	21.60	21.40	21.23	21.40	21.27		
5	64QAM	25	0	21.37	21.40	21.40	21.42	21.22		
5	256QAM	1	0	19.39	19.60	19.40	19.49	19.63	20.5	2.5
5	256QAM	1	12	19.50	19.49	19.57	19.57	19.46		
5	256QAM	1	24	19.49	19.52	19.63	19.56	19.70		
5	256QAM	12	0	19.45	19.42	19.61	19.52	19.47	20.5	2.5
5	256QAM	12	7	19.51	19.64	19.62	19.53	19.62		
5	256QAM	12	13	19.52	19.51	19.60	19.56	19.41		
5	256QAM	25	0	19.53	19.65	19.66	19.41	19.43		

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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	23.50	23.41	23.54	23.39	23.35	24.7	0
20	QPSK	1	49	23.29	23.29	23.12	23.37	23.37		
20	QPSK	1	99	23.24	23.33	23.35	23.31	23.46		
20	QPSK	50	0	23.22	23.37	23.46	23.33	23.20	24.7	0
20	QPSK	50	24	23.34	23.15	23.29	23.25	23.41		
20	QPSK	50	50	23.33	23.35	23.11	23.31	23.20		
20	QPSK	100	0	23.17	23.24	23.33	23.23	23.11		
20	16QAM	1	0	23.26	23.22	23.34	23.23	23.25	24.7	0
20	16QAM	1	49	23.11	23.19	23.00	23.32	23.34		
20	16QAM	1	99	23.22	23.06	23.22	23.17	23.20		
20	16QAM	50	0	23.34	23.42	23.39	23.31	23.37	24.7	0
20	16QAM	50	24	23.17	23.06	23.03	23.23	23.25		
20	16QAM	50	50	23.08	23.01	23.34	23.23	23.26		
20	16QAM	100	0	23.19	23.18	23.33	23.18	23.18		
20	64QAM	1	0	23.33	23.31	23.44	23.22	23.33	24.7	0
20	64QAM	1	49	23.15	23.18	23.11	23.27	23.14		
20	64QAM	1	99	23.20	23.10	23.25	23.31	23.31		
20	64QAM	50	0	23.05	23.20	23.35	23.28	22.96	24.7	0
20	64QAM	50	24	23.09	23.22	23.06	23.08	23.40		
20	64QAM	50	50	23.31	23.15	23.17	23.15	22.98		
20	64QAM	100	0	23.00	23.16	23.11	23.16	23.00		
20	256QAM	1	0	22.58	22.55	22.54	22.47	22.50	23.7	1
20	256QAM	1	49	22.48	22.53	22.54	22.53	22.60		
20	256QAM	1	99	22.51	22.55	22.53	22.63	22.49		
20	256QAM	50	0	22.65	22.48	22.56	22.47	22.50	23.7	1
20	256QAM	50	24	22.48	22.56	22.50	22.46	22.60		
20	256QAM	50	50	22.52	22.47	22.53	22.56	22.54		
20	256QAM	100	0	22.58	22.56	22.56	22.49	22.62		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.38	23.29	23.44	23.28	23.29	25	0
15	QPSK	1	37	23.13	23.20	23.09	23.24	23.26		
15	QPSK	1	74	23.22	23.27	23.18	23.17	23.34		
15	QPSK	36	0	23.15	23.19	23.40	23.15	23.08	24.7	0
15	QPSK	36	20	23.22	23.00	23.24	23.21	23.32		
15	QPSK	36	39	23.28	23.17	23.09	23.20	23.11		
15	QPSK	75	0	23.00	23.05	23.31	23.18	22.99		
15	16QAM	1	0	23.12	23.09	23.28	23.09	23.08	24.7	0
15	16QAM	1	37	22.93	23.15	22.98	23.28	23.24		
15	16QAM	1	74	23.15	22.93	23.13	22.99	23.18		
15	16QAM	36	0	23.21	23.25	23.33	23.19	23.31	24.7	0
15	16QAM	36	20	23.08	22.97	22.85	23.18	23.22		
15	16QAM	36	39	22.90	22.94	23.21	23.13	23.17		
15	16QAM	75	0	23.10	23.04	23.21	23.03	23.12		
15	64QAM	1	0	23.23	23.14	23.34	23.11	23.22	24.7	0
15	64QAM	1	37	23.02	23.04	23.02	23.08	23.01		
15	64QAM	1	74	23.16	23.08	23.21	23.16	23.15		
15	64QAM	36	0	22.86	23.18	23.22	23.21	22.91	24.7	0
15	64QAM	36	20	23.00	23.07	22.96	23.06	23.25		
15	64QAM	36	39	23.25	23.11	22.98	23.01	22.86		
15	64QAM	75	0	22.87	23.05	23.06	23.10	22.84		
15	256QAM	1	0	22.56	22.36	22.49	22.46	22.35	23.7	1
15	256QAM	1	37	22.37	22.44	22.37	22.46	22.51		
15	256QAM	1	74	22.40	22.42	22.41	22.60	22.43		
15	256QAM	36	0	22.46	22.48	22.37	22.38	22.37	23.7	1
15	256QAM	36	20	22.34	22.52	22.43	22.29	22.46		
15	256QAM	36	39	22.47	22.41	22.38	22.52	22.47		
15	256QAM	75	0	22.43	22.48	22.41	22.29	22.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.42	23.31	23.49	23.20	23.24	25	0
10	QPSK	1	25	23.15	23.20	23.02	23.36	23.31		
10	QPSK	1	49	23.22	23.22	23.34	23.12	23.34		
10	QPSK	25	0	23.11	23.25	23.43	23.19	23.09	24.7	0
10	QPSK	25	12	23.32	22.99	23.21	23.14	23.32		
10	QPSK	25	25	23.19	23.20	23.02	23.21	23.15		
10	QPSK	50	0	23.02	23.15	23.25	23.14	23.09		
10	16QAM	1	0	23.25	23.10	23.30	23.16	23.09	24.7	0
10	16QAM	1	25	23.07	23.16	22.94	23.19	23.17		
10	16QAM	1	49	23.11	22.98	23.17	23.14	23.04		
10	16QAM	25	0	23.26	23.35	23.22	23.30	23.26	24.7	0
10	16QAM	25	12	23.01	22.97	22.93	23.15	23.20		
10	16QAM	25	25	22.91	22.86	23.22	23.17	23.14		
10	16QAM	50	0	23.03	23.10	23.27	23.13	23.02		
10	64QAM	1	0	23.24	23.24	23.29	23.11	23.22	24.7	0
10	64QAM	1	25	23.05	23.06	23.08	23.25	23.07		
10	64QAM	1	49	23.13	23.03	23.23	23.13	23.16		
10	64QAM	25	0	22.90	23.16	23.25	23.12	22.94	24.7	0
10	64QAM	25	12	22.98	23.17	22.91	22.91	23.27		
10	64QAM	25	25	23.16	23.01	23.01	23.08	22.92		
10	64QAM	50	0	22.92	23.14	23.04	23.10	22.92		
10	256QAM	1	0	22.54	22.54	22.35	22.34	22.43	23.7	1
10	256QAM	1	25	22.32	22.39	22.37	22.45	22.49		
10	256QAM	1	49	22.32	22.53	22.40	22.54	22.44		
10	256QAM	25	0	22.63	22.29	22.48	22.42	22.32	23.7	1
10	256QAM	25	12	22.45	22.41	22.47	22.38	22.43		
10	256QAM	25	25	22.51	22.34	22.51	22.55	22.54		
10	256QAM	50	0	22.52	22.42	22.52	22.41	22.58		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.34	23.25	23.46	23.30	23.23	25	0
5	QPSK	1	12	23.19	23.17	22.97	23.31	23.27		
5	QPSK	1	24	23.06	23.28	23.33	23.19	23.34		
5	QPSK	12	0	23.19	23.26	23.36	23.18	23.11	24.7	0
5	QPSK	12	7	23.33	23.00	23.15	23.17	23.28		
5	QPSK	12	13	23.21	23.18	23.09	23.16	23.05		
5	QPSK	25	0	23.00	23.13	23.31	23.11	23.02		
5	16QAM	1	0	23.24	23.12	23.20	23.14	23.08	24.7	0
5	16QAM	1	12	23.07	23.02	22.85	23.25	23.25		
5	16QAM	1	24	23.18	22.96	23.17	23.03	23.11		
5	16QAM	12	0	23.15	23.39	23.28	23.25	23.28	24.7	0
5	16QAM	12	7	23.15	23.04	22.91	23.17	23.14		
5	16QAM	12	13	22.96	22.97	23.19	23.19	23.21		
5	16QAM	25	0	23.13	22.99	23.22	23.11	23.00		
5	64QAM	1	0	23.22	23.13	23.40	23.11	23.27	24.7	0
5	64QAM	1	12	23.03	23.17	22.92	23.18	23.05		
5	64QAM	1	24	23.07	23.01	23.08	23.13	23.21		
5	64QAM	12	0	22.89	23.07	23.24	23.18	22.90	24.7	0
5	64QAM	12	7	23.00	23.05	23.04	22.99	23.32		
5	64QAM	12	13	23.18	23.05	23.03	22.97	22.85		
5	64QAM	25	0	22.94	23.05	23.10	23.14	22.88		
5	256QAM	1	0	22.41	22.46	22.41	22.43	22.34	23.7	1
5	256QAM	1	12	22.31	22.42	22.47	22.38	22.48		
5	256QAM	1	24	22.34	22.54	22.51	22.61	22.42		
5	256QAM	12	0	22.54	22.41	22.41	22.32	22.48	23.7	1
5	256QAM	12	7	22.41	22.42	22.46	22.27	22.49		
5	256QAM	12	13	22.39	22.34	22.46	22.52	22.45		
5	256QAM	25	0	22.49	22.53	22.47	22.31	22.60		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.19	19.25	19.15	20	0
20	QPSK	1	49	19.00	19.12	19.05		
20	QPSK	1	99	19.13	19.00	18.92		
20	QPSK	50	0	19.01	19.14	18.88	20	0
20	QPSK	50	24	18.99	18.96	18.93		
20	QPSK	50	50	18.94	19.12	19.03		
20	QPSK	100	0	19.09	19.10	18.87		
20	16QAM	1	0	19.14	19.15	18.99	20	0
20	16QAM	1	49	18.90	19.04	18.99		
20	16QAM	1	99	19.02	18.89	18.79		
20	16QAM	50	0	18.88	19.12	18.76	20	0
20	16QAM	50	24	18.81	18.83	18.87		
20	16QAM	50	50	18.85	19.02	18.99		
20	16QAM	100	0	19.08	18.91	18.79		
20	64QAM	1	0	19.03	19.10	19.02	20	0
20	64QAM	1	49	18.87	19.03	19.01		
20	64QAM	1	99	19.08	18.98	18.86		
20	64QAM	50	0	18.86	18.98	18.82	20	0
20	64QAM	50	24	18.78	18.89	18.82		
20	64QAM	50	50	18.84	19.04	18.88		
20	64QAM	100	0	18.99	18.93	18.78		
20	256QAM	1	0	19.17	19.10	19.10	20	0
20	256QAM	1	49	18.93	18.95	18.95		
20	256QAM	1	99	19.04	18.85	18.87		
20	256QAM	50	0	18.84	19.03	18.71	20	0
20	256QAM	50	24	18.78	18.82	18.84		
20	256QAM	50	50	18.87	19.05	18.99		
20	256QAM	100	0	19.02	19.02	18.83		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.01	19.20	19.03	20	0
15	QPSK	1	37	18.95	18.99	18.99		
15	QPSK	1	74	18.95	18.85	18.77		
15	QPSK	36	0	18.93	19.09	18.83	20	0
15	QPSK	36	20	18.81	18.88	18.90		
15	QPSK	36	39	18.85	19.09	18.98		
15	QPSK	75	0	18.90	18.93	18.72		
15	16QAM	1	0	19.04	19.14	18.98	20	0
15	16QAM	1	37	18.85	18.85	18.90		
15	16QAM	1	74	18.86	18.82	18.67		
15	16QAM	36	0	18.85	19.00	18.58	20	0
15	16QAM	36	20	18.80	18.65	18.79		
15	16QAM	36	39	18.79	18.90	18.97		
15	16QAM	75	0	19.04	18.83	18.76		
15	64QAM	1	0	18.94	18.91	18.88	20	0
15	64QAM	1	37	18.71	18.86	18.88		
15	64QAM	1	74	18.94	18.92	18.83		
15	64QAM	36	0	18.78	18.81	18.70	20	0
15	64QAM	36	20	18.60	18.83	18.74		
15	64QAM	36	39	18.73	18.88	18.85		
15	64QAM	75	0	18.86	18.87	18.69		
15	256QAM	1	0	19.04	19.04	18.95	20	0
15	256QAM	1	37	18.84	18.90	18.91		
15	256QAM	1	74	18.98	18.81	18.70		
15	256QAM	36	0	18.77	18.99	18.65	20	0
15	256QAM	36	20	18.68	18.79	18.79		
15	256QAM	36	39	18.75	18.99	18.95		
15	256QAM	75	0	18.98	18.92	18.66		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.11	19.13	19.09	20	0
10	QPSK	1	25	18.81	18.96	19.03		
10	QPSK	1	49	18.95	18.99	18.87		
10	QPSK	25	0	18.92	18.99	18.85	20	0
10	QPSK	25	12	18.80	18.85	18.77		
10	QPSK	25	25	18.88	18.95	18.92		
10	QPSK	50	0	19.02	18.93	18.80		
10	16QAM	1	0	19.10	19.06	18.83	20	0
10	16QAM	1	25	18.75	18.85	18.86		
10	16QAM	1	49	18.91	18.84	18.74		
10	16QAM	25	0	18.73	19.05	18.63	20	0
10	16QAM	25	12	18.69	18.64	18.70		
10	16QAM	25	25	18.74	18.90	18.91		
10	16QAM	50	0	19.02	18.72	18.77		
10	64QAM	1	0	18.99	19.01	18.85	20	0
10	64QAM	1	25	18.72	18.93	18.83		
10	64QAM	1	49	19.05	18.83	18.84		
10	64QAM	25	0	18.77	18.80	18.75	20	0
10	64QAM	25	12	18.66	18.78	18.77		
10	64QAM	25	25	18.77	19.02	18.79		
10	64QAM	50	0	18.89	18.83	18.75		
10	256QAM	1	0	19.11	19.07	19.03	20	0
10	256QAM	1	25	18.89	18.96	18.80		
10	256QAM	1	49	18.95	18.75	18.68		
10	256QAM	25	0	18.76	18.92	18.59	20	0
10	256QAM	25	12	18.69	18.70	18.83		
10	256QAM	25	25	18.82	18.95	18.89		
10	256QAM	50	0	18.91	18.86	18.68		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.01	19.20	19.00	20	0
5	QPSK	1	12	18.92	18.95	18.87		
5	QPSK	1	24	18.94	18.87	18.76		
5	QPSK	12	0	18.95	19.04	18.87	20	0
5	QPSK	12	7	18.76	18.93	18.79		
5	QPSK	12	13	18.92	19.10	18.97		
5	QPSK	25	0	18.92	19.05	18.85		
5	16QAM	1	0	18.96	19.07	18.95	20	0
5	16QAM	1	12	18.73	18.94	18.81		
5	16QAM	1	24	18.96	18.76	18.65		
5	16QAM	12	0	18.81	18.95	18.61	20	0
5	16QAM	12	7	18.63	18.95	18.84		
5	16QAM	12	13	18.71	18.90	18.88		
5	16QAM	25	0	18.95	18.76	18.65		
5	64QAM	1	0	18.95	18.99	18.83	20	0
5	64QAM	1	12	18.75	18.86	18.68		
5	64QAM	1	24	18.99	18.82	18.68		
5	64QAM	12	0	18.82	18.83	18.74	20	0
5	64QAM	12	7	18.68	18.82	18.68		
5	64QAM	12	13	18.79	19.01	18.69		
5	64QAM	25	0	18.87	18.80	18.62		
5	256QAM	1	0	19.08	18.91	18.93	20	0
5	256QAM	1	12	18.78	18.76	18.92		
5	256QAM	1	24	18.95	18.78	18.85		
5	256QAM	12	0	18.74	19.01	18.63	20	0
5	256QAM	12	7	18.68	18.78	18.71		
5	256QAM	12	13	18.72	18.99	18.89		
5	256QAM	25	0	18.90	18.97	18.80		

Band 43_FCC Ant3 DSI5 Simultaneous

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	19.28	19.21	19.14	20.3	0
20	QPSK	1	49	19.06	19.14	19.16		
20	QPSK	1	99	19.16	19.02	19.10		
20	QPSK	50	0	19.00	19.25	19.18	20.3	0
20	QPSK	50	24	19.01	19.08	19.08		
20	QPSK	50	50	19.20	19.10	19.09		
20	QPSK	100	0	18.93	19.08	19.01		
20	16QAM	1	0	19.16	19.15	18.96	20.3	0
20	16QAM	1	49	19.00	19.02	19.10		
20	16QAM	1	99	19.10	18.87	18.91		
20	16QAM	50	0	18.88	19.19	19.13	20.3	0
20	16QAM	50	24	18.83	18.91	19.00		
20	16QAM	50	50	19.08	19.00	18.96		
20	16QAM	100	0	18.82	18.94	18.99		
20	64QAM	1	0	19.21	19.22	19.10	20.3	0
20	64QAM	1	49	19.00	19.12	19.04		
20	64QAM	1	99	19.02	18.85	18.94		
20	64QAM	50	0	18.93	19.16	19.17	20.3	0
20	64QAM	50	24	18.93	19.00	18.92		
20	64QAM	50	50	19.05	18.98	19.02		
20	64QAM	100	0	18.78	18.98	18.97		
20	256QAM	1	0	19.24	19.26	19.02	20.3	0
20	256QAM	1	49	18.95	19.05	19.11		
20	256QAM	1	99	19.11	18.91	18.92		
20	256QAM	50	0	18.97	19.16	19.07	20.3	0
20	256QAM	50	24	18.92	18.90	18.99		
20	256QAM	50	50	19.11	19.00	19.01		
20	256QAM	100	0	18.87	18.90	18.91		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	19.22	19.27	19.00	20.3	0
15	QPSK	1	37	19.03	19.00	19.15		
15	QPSK	1	74	19.00	18.94	18.92		
15	QPSK	36	0	18.82	19.22	19.14	20.3	0
15	QPSK	36	20	18.91	19.01	19.07		
15	QPSK	36	39	19.02	18.96	18.95		
15	QPSK	75	0	18.75	18.96	18.83		
15	16QAM	1	0	18.99	18.98	18.93	20.3	0
15	16QAM	1	37	18.83	18.98	19.01		
15	16QAM	1	74	18.95	18.69	18.87		
15	16QAM	36	0	18.74	19.04	19.11	20.3	0
15	16QAM	36	20	18.68	18.90	18.84		
15	16QAM	36	39	18.93	18.83	18.91		
15	16QAM	75	0	18.76	18.91	18.83		
15	64QAM	1	0	19.15	19.13	18.97	20.3	0
15	64QAM	1	37	18.85	19.01	19.00		
15	64QAM	1	74	18.95	18.73	18.89		
15	64QAM	36	0	18.82	18.98	19.11	20.3	0
15	64QAM	36	20	18.78	18.87	18.73		
15	64QAM	36	39	18.95	18.94	18.98		
15	64QAM	75	0	18.74	18.92	18.89		
15	256QAM	1	0	19.21	19.16	18.95	20.3	0
15	256QAM	1	37	18.89	18.97	19.01		
15	256QAM	1	74	18.97	18.89	18.85		
15	256QAM	36	0	18.87	19.14	18.99	20.3	0
15	256QAM	36	20	18.77	18.74	18.98		
15	256QAM	36	39	19.05	18.85	18.90		
15	256QAM	75	0	18.80	18.78	18.87		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	19.11	19.28	18.98	20.3	0
10	QPSK	1	25	18.92	19.04	19.10		
10	QPSK	1	49	19.07	18.93	18.94		
10	QPSK	25	0	18.95	19.12	19.14	20.3	0
10	QPSK	25	12	18.83	19.07	19.03		
10	QPSK	25	25	19.14	19.05	19.05		
10	QPSK	50	0	18.77	18.94	18.95		
10	16QAM	1	0	18.99	19.03	18.94	20.3	0
10	16QAM	1	25	18.83	18.96	18.97		
10	16QAM	1	49	18.95	18.73	18.84		
10	16QAM	25	0	18.72	19.10	18.99	20.3	0
10	16QAM	25	12	18.79	18.84	18.85		
10	16QAM	25	25	19.07	18.92	18.81		
10	16QAM	50	0	18.70	18.81	18.81		
10	64QAM	1	0	19.09	19.14	19.08	20.3	0
10	64QAM	1	25	18.92	18.97	18.90		
10	64QAM	1	49	18.94	18.78	18.79		
10	64QAM	25	0	18.90	18.97	19.06	20.3	0
10	64QAM	25	12	18.81	18.96	18.76		
10	64QAM	25	25	18.96	18.95	18.88		
10	64QAM	50	0	18.64	18.93	18.78		
10	256QAM	1	0	19.09	19.20	18.95	20.3	0
10	256QAM	1	25	18.87	19.00	19.08		
10	256QAM	1	49	19.08	18.88	18.89		
10	256QAM	25	0	18.85	19.06	18.88	20.3	0
10	256QAM	25	12	18.81	18.85	18.88		
10	256QAM	25	25	19.04	18.92	18.94		
10	256QAM	50	0	18.84	18.76	18.80		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	19.26	19.17	18.96	20.3	0
5	QPSK	1	12	19.01	19.04	19.06		
5	QPSK	1	24	18.98	18.97	18.98		
5	QPSK	12	0	18.92	19.10	19.00	20.3	0
5	QPSK	12	7	18.98	18.94	19.03		
5	QPSK	12	13	19.02	18.95	19.06		
5	QPSK	25	0	18.85	18.95	18.86		
5	16QAM	1	0	19.09	19.14	18.89	20.3	0
5	16QAM	1	12	18.83	18.95	19.05		
5	16QAM	1	24	19.07	18.85	18.82		
5	16QAM	12	0	18.73	19.09	19.11	20.3	0
5	16QAM	12	7	18.81	18.81	18.96		
5	16QAM	12	13	18.99	18.88	18.93		
5	16QAM	25	0	18.72	18.81	18.87		
5	64QAM	1	0	19.17	19.20	18.98	20.3	0
5	64QAM	1	12	18.98	19.01	18.89		
5	64QAM	1	24	18.94	18.76	18.91		
5	64QAM	12	0	18.81	18.97	19.08	20.3	0
5	64QAM	12	7	18.89	18.89	18.87		
5	64QAM	12	13	18.91	18.80	18.94		
5	64QAM	25	0	18.61	18.82	18.87		
5	256QAM	1	0	19.21	19.13	18.97	20.3	0
5	256QAM	1	12	18.88	18.93	19.03		
5	256QAM	1	24	18.96	18.87	18.81		
5	256QAM	12	0	18.93	19.03	19.02	20.3	0
5	256QAM	12	7	18.85	18.82	18.96		
5	256QAM	12	13	19.03	18.89	18.90		
5	256QAM	25	0	18.73	18.77	18.77		

Band 48_FCC Ant3 DSI5 Simultaneous

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	19.39	19.53	19.52	19.46	20.3	0
20	QPSK	1	49	19.38	19.56	19.40	19.58		
20	QPSK	1	99	19.20	19.38	19.42	19.37		
20	QPSK	50	0	19.35	19.57	19.30	19.22	20.3	0
20	QPSK	50	24	19.26	19.37	19.51	19.33		
20	QPSK	50	50	19.42	19.42	19.36	19.17		
20	QPSK	100	0	19.24	19.47	19.40	19.10		
20	16QAM	1	0	19.21	19.51	19.47	19.31	20.3	0
20	16QAM	1	49	19.20	19.53	19.32	19.43		
20	16QAM	1	99	19.06	19.24	19.39	19.19		
20	16QAM	50	0	19.27	19.49	19.16	19.19	20.3	0
20	16QAM	50	24	19.14	19.31	19.48	19.31		
20	16QAM	50	50	19.32	19.40	19.19	19.06		
20	16QAM	100	0	19.17	19.45	19.33	19.03		
20	64QAM	1	0	19.36	19.46	19.37	19.44	20.3	0
20	64QAM	1	49	19.33	19.50	19.37	19.43		
20	64QAM	1	99	19.10	19.34	19.33	19.24		
20	64QAM	50	0	19.32	19.40	19.20	19.19	20.3	0
20	64QAM	50	24	19.16	19.29	19.33	19.18		
20	64QAM	50	50	19.39	19.26	19.17	19.10		
20	64QAM	100	0	19.14	19.33	19.32	18.96		
20	256QAM	1	0	19.35	19.59	19.33	19.30	20.3	0
20	256QAM	1	49	19.31	19.43	19.24	19.45		
20	256QAM	1	99	19.11	19.29	19.30	19.32		
20	256QAM	50	0	19.26	19.46	19.26	19.11	20.3	0
20	256QAM	50	24	19.21	19.23	19.41	19.20		
20	256QAM	50	50	19.27	19.36	19.28	19.08		
20	256QAM	100	0	19.13	19.43	19.31	18.93		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.29	19.60	19.36	19.41	20.3	0
15	QPSK	1	37	19.29	19.37	19.22	19.48		
15	QPSK	1	74	19.11	19.21	19.29	19.33		
15	QPSK	36	0	19.26	19.51	19.21	19.20	20.3	0
15	QPSK	36	20	19.18	19.26	19.38	19.16		
15	QPSK	36	39	19.27	19.34	19.18	19.01		
15	QPSK	75	0	19.15	19.30	19.38	18.97		
15	16QAM	1	0	19.10	19.36	19.29	19.18	20.3	0
15	16QAM	1	37	19.14	19.34	19.18	19.28		
15	16QAM	1	74	18.95	19.20	19.36	19.02		
15	16QAM	36	0	19.10	19.31	19.00	19.03	20.3	0
15	16QAM	36	20	19.00	19.29	19.36	19.15		
15	16QAM	36	39	19.26	19.36	19.05	19.04		
15	16QAM	75	0	19.14	19.34	19.11	18.98		
15	64QAM	1	0	19.34	19.31	19.23	19.25	20.3	0
15	64QAM	1	37	19.30	19.37	19.23	19.37		
15	64QAM	1	74	19.07	19.18	19.29	19.23		
15	64QAM	36	0	19.14	19.30	19.11	19.04	20.3	0
15	64QAM	36	20	19.05	19.15	19.21	19.03		
15	64QAM	36	39	19.37	19.21	19.14	19.02		
15	64QAM	75	0	19.05	19.24	19.27	18.79		
15	256QAM	1	0	19.21	19.44	19.19	19.13	20.3	0
15	256QAM	1	37	19.14	19.36	19.15	19.26		
15	256QAM	1	74	19.07	19.19	19.21	19.13		
15	256QAM	36	0	19.11	19.41	19.14	18.94	20.3	0
15	256QAM	36	20	19.05	19.13	19.35	19.17		
15	256QAM	36	39	19.16	19.24	19.24	18.97		
15	256QAM	75	0	18.98	19.25	19.16	18.85		
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.26	19.48	19.47	19.34	20.3	0
10	QPSK	1	25	19.28	19.42	19.28	19.43		
10	QPSK	1	49	19.06	19.19	19.25	19.34		
10	QPSK	25	0	19.34	19.51	19.15	19.15	20.3	0
10	QPSK	25	12	19.10	19.22	19.48	19.24		
10	QPSK	25	25	19.38	19.24	19.23	19.05		
10	QPSK	50	0	19.22	19.33	19.31	18.97		
10	16QAM	1	0	19.05	19.44	19.33	19.27	20.3	0
10	16QAM	1	25	19.07	19.43	19.19	19.40		
10	16QAM	1	49	19.01	19.15	19.35	19.06		
10	16QAM	25	0	19.15	19.32	19.00	19.07	20.3	0
10	16QAM	25	12	18.95	19.13	19.40	19.17		
10	16QAM	25	25	19.28	19.36	19.03	18.93		
10	16QAM	50	0	19.07	19.42	19.12	19.08		
10	64QAM	1	0	19.25	19.34	19.28	19.41	20.3	0
10	64QAM	1	25	19.27	19.31	19.34	19.40		
10	64QAM	1	49	19.02	19.21	19.28	19.16		
10	64QAM	25	0	19.21	19.38	19.04	19.12	20.3	0
10	64QAM	25	12	18.97	19.26	19.20	19.11		
10	64QAM	25	25	19.30	19.13	19.08	18.92		
10	64QAM	50	0	18.97	19.24	19.22	18.86		
10	256QAM	1	0	19.23	19.43	19.24	19.15	20.3	0
10	256QAM	1	25	19.19	19.27	19.20	19.35		
10	256QAM	1	49	18.95	19.26	19.27	19.26		
10	256QAM	25	0	19.17	19.29	19.22	18.94	20.3	0
10	256QAM	25	12	19.17	19.09	19.27	19.02		
10	256QAM	25	25	19.23	19.27	19.25	18.96		
10	256QAM	50	0	19.00	19.31	19.28	18.81		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	19.38	19.52	19.44	19.32	20.3	0
5	QPSK	1	12	19.21	19.43	19.34	19.55		
5	QPSK	1	24	19.07	19.23	19.33	19.34		
5	QPSK	12	0	19.23	19.44	19.12	19.15	20.3	0
5	QPSK	12	7	19.15	19.31	19.32	19.21		
5	QPSK	12	13	19.40	19.39	19.20	19.01		
5	QPSK	25	0	19.18	19.30	19.23	19.02		
5	16QAM	1	0	19.19	19.39	19.28	19.29	20.3	0
5	16QAM	1	12	19.06	19.41	19.18	19.25		
5	16QAM	1	24	19.09	19.17	19.29	19.15		
5	16QAM	12	0	19.22	19.30	19.02	19.15	20.3	0
5	16QAM	12	7	19.01	19.19	19.35	19.19		
5	16QAM	12	13	19.26	19.22	19.07	19.00		
5	16QAM	25	0	19.06	19.29	19.07	18.88		
5	64QAM	1	0	19.32	19.29	19.30	19.35	20.3	0
5	64QAM	1	12	19.22	19.35	19.31	19.27		
5	64QAM	1	24	18.98	19.33	19.16	19.07		
5	64QAM	12	0	19.14	19.33	19.06	19.03	20.3	0
5	64QAM	12	7	19.13	19.25	19.18	19.02		
5	64QAM	12	13	19.26	19.19	19.12	19.03		
5	64QAM	25	0	18.98	19.18	19.25	18.94		
5	256QAM	1	0	19.26	19.42	19.21	19.13	20.3	0
5	256QAM	1	12	19.29	19.29	19.22	19.37		
5	256QAM	1	24	19.00	19.14	19.13	19.21		
5	256QAM	12	0	19.12	19.40	19.22	19.07	20.3	0
5	256QAM	12	7	19.10	19.07

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.42	23.46	23.13	24	0
20	QPSK	1	49	23.34	23.38	23.29		
20	QPSK	1	99	23.19	23.33	23.28		
20	QPSK	50	0	22.56	22.63	22.49	23	1
20	QPSK	50	24	22.47	22.57	22.50		
20	QPSK	50	50	22.39	22.52	22.42		
20	QPSK	100	0	22.40	22.52	22.40		
20	16QAM	1	0	22.44	22.50	22.46	23	1
20	16QAM	1	49	22.38	22.44	22.37		
20	16QAM	1	99	22.37	22.40	22.30		
20	16QAM	50	0	21.47	21.55	21.44	22	2
20	16QAM	50	24	21.35	21.47	21.33		
20	16QAM	50	50	21.42	21.51	21.37		
20	16QAM	100	0	21.39	21.45	21.41		
20	64QAM	1	0	21.59	21.62	21.56	22	2
20	64QAM	1	49	21.45	21.56	21.49		
20	64QAM	1	99	21.46	21.52	21.45		
20	64QAM	50	0	20.51	20.56	20.45	21	3
20	64QAM	50	24	20.33	20.47	20.37		
20	64QAM	50	50	20.49	20.52	20.48		
20	64QAM	100	0	20.31	20.44	20.40		
20	256QAM	1	0	20.18	20.28	20.15	21	3
20	256QAM	1	49	20.12	20.25	20.12		
20	256QAM	1	99	20.07	20.20	20.15		
20	256QAM	50	0	20.13	20.23	20.17	21	3
20	256QAM	50	24	20.05	20.13	19.98		
20	256QAM	50	50	20.11	20.19	20.07		
20	256QAM	100	0	20.07	20.19	20.13		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.39	23.43	23.07	24	0
15	QPSK	1	37	23.22	23.31	23.23		
15	QPSK	1	74	23.06	23.18	23.21		
15	QPSK	36	0	22.41	22.60	22.39	23	1
15	QPSK	36	20	22.39	22.49	22.36		
15	QPSK	36	39	22.30	22.38	22.33		
15	QPSK	75	0	22.28	22.42	22.27		
15	16QAM	1	0	22.40	22.42	22.41	23	1
15	16QAM	1	37	22.27	22.30	22.31		
15	16QAM	1	74	22.26	22.27	22.26		
15	16QAM	36	0	21.41	21.45	21.41	22	2
15	16QAM	36	20	21.28	21.43	21.24		
15	16QAM	36	39	21.35	21.44	21.30		
15	16QAM	75	0	21.35	21.34	21.33		
15	64QAM	1	0	21.55	21.55	21.45	22	2
15	64QAM	1	37	21.41	21.44	21.42		
15	64QAM	1	74	21.38	21.43	21.42		
15	64QAM	36	0	20.46	20.42	20.32	21	3
15	64QAM	36	20	20.20	20.35	20.29		
15	64QAM	36	39	20.36	20.44	20.43		
15	64QAM	75	0	20.25	20.30	20.37		
15	256QAM	1	0	20.12	20.22	20.05	21	3
15	256QAM	1	37	20.06	20.17	20.03		
15	256QAM	1	74	20.00	20.16	20.10		
15	256QAM	36	0	19.99	20.13	20.13	21	3
15	256QAM	36	20	20.01	20.10	19.94		
15	256QAM	36	39	20.03	20.06	20.02		
15	256QAM	75	0	19.99	20.14	20.03		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.34	23.37	23.01	24	0
10	QPSK	1	25	23.28	23.29	23.22		
10	QPSK	1	49	23.14	23.23	23.25		
10	QPSK	25	0	22.42	22.56	22.43	23	1
10	QPSK	25	12	22.35	22.42	22.44		
10	QPSK	25	25	22.24	22.45	22.28		
10	QPSK	50	0	22.27	22.47	22.33		
10	16QAM	1	0	22.30	22.47	22.35	23	1
10	16QAM	1	25	22.26	22.38	22.30		
10	16QAM	1	49	22.33	22.35	22.27		
10	16QAM	25	0	21.41	21.47	21.32	22	2
10	16QAM	25	12	21.21	21.33	21.28		
10	16QAM	25	25	21.36	21.41	21.26		
10	16QAM	50	0	21.27	21.34	21.30		
10	64QAM	1	0	21.53	21.51	21.46	22	2
10	64QAM	1	25	21.41	21.51	21.35		
10	64QAM	1	49	21.38	21.46	21.41		
10	64QAM	25	0	20.42	20.44	20.35	21	3
10	64QAM	25	12	20.29	20.40	20.33		
10	64QAM	25	25	20.45	20.49	20.35		
10	64QAM	50	0	20.17	20.37	20.32		
10	256QAM	1	0	20.04	20.24	20.04	21	3
10	256QAM	1	25	20.04	20.11	19.98		
10	256QAM	1	49	19.95	20.05	20.01		
10	256QAM	25	0	20.03	20.11	20.12	21	3
10	256QAM	25	12	19.98	20.00	19.84		
10	256QAM	25	25	20.04	20.09	20.04		
10	256QAM	50	0	20.01	20.08	20.10		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.29	23.32	22.99	24	0
5	QPSK	1	12	23.20	23.25	23.22		
5	QPSK	1	24	23.14	23.18	23.21		
5	QPSK	12	0	22.42	22.57	22.36	23	1
5	QPSK	12	7	22.37	22.49	22.47		
5	QPSK	12	13	22.34	22.39	22.35		
5	QPSK	25	0	22.33	22.44	22.26		
5	16QAM	1	0	22.40	22.41	22.38	23	1
5	16QAM	1	12	22.34	22.41	22.28		
5	16QAM	1	24	22.29	22.32	22.21		
5	16QAM	12	0	21.39	21.51	21.40	22	2
5	16QAM	12	7	21.20	21.39	21.29		
5	16QAM	12	13	21.39	21.41	21.30		
5	16QAM	25	0	21.27	21.40	21.38		
5	64QAM	1	0	21.53	21.56	21.45	22	2
5	64QAM	1	12	21.36	21.42	21.35		
5	64QAM	1	24	21.37	21.41	21.37		
5	64QAM	12	0	20.42	20.45	20.35	21	3
5	64QAM	12	7	20.30	20.35	20.34		
5	64QAM	12	13	20.43	20.46	20.40		
5	64QAM	25	0	20.27	20.31	20.30		
5	256QAM	1	0	20.05	20.14	20.06	21	3
5	256QAM	1	12	20.06	20.10	20.07		
5	256QAM	1	24	19.96	20.12	20.02		
5	256QAM	12	0	19.98	20.16	20.14	21	3
5	256QAM	12	7	19.94	20.02	19.94		
5	256QAM	12	13	19.98	20.14	20.00		
5	256QAM	25	0	19.92	20.04	20.04		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	23.06	23.26	23.08	24	0
20	QPSK	1	49	22.94	23.18	23.00		
20	QPSK	1	99	23.02	23.13	23.02		
20	QPSK	50	0	22.34	22.44	22.36	23	1
20	QPSK	50	24	22.30	22.38	22.25		
20	QPSK	50	50	22.24	22.33	22.28		
20	QPSK	100	0	22.34	22.43	22.35		
20	16QAM	1	0	21.93	22.07	22.00	23	1
20	16QAM	1	49	21.92	22.01	21.95		
20	16QAM	1	99	21.85	21.97	21.92		
20	16QAM	50	0	21.13	21.18	21.10	22	2
20	16QAM	50	24	21.07	21.10	21.06		
20	16QAM	50	50	21.05	21.14	21.08		
20	16QAM	100	0	21.04	21.08	21.02		
20	64QAM	1	0	21.06	21.20	21.08	22	2
20	64QAM	1	49	21.10	21.14	21.04		
20	64QAM	1	99	21.03	21.10	20.99		
20	64QAM	50	0	20.08	20.15	20.10	21	3
20	64QAM	50	24	19.95	20.06	19.93		
20	64QAM	50	50	19.98	20.11	20.07		
20	64QAM	100	0	19.99	20.03	19.89		
20	256QAM	1	0	19.64	19.71	19.68	21	3
20	256QAM	1	49	19.56	19.68	19.64		
20	256QAM	1	99	19.59	19.63	19.50		
20	256QAM	50	0	19.73	19.84	19.73	21	3
20	256QAM	50	24	19.67	19.74	19.67		
20	256QAM	50	50	19.72	19.80	19.72		
20	256QAM	100	0	19.74	19.82	19.75		
Channel				44165	-	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.95	23.20	22.95	24	0
15	QPSK	1	37	22.87	23.14	22.94		
15	QPSK	1	74	22.98	23.00	22.96		
15	QPSK	36	0	22.27	22.30	22.29	23	1
15	QPSK	36	20	22.22	22.27	22.18		
15	QPSK	36	39	22.09	22.24	22.18		
15	QPSK	75	0	22.24	22.36	22.27		
15	16QAM	1	0	21.83	21.94	21.86	23	1
15	16QAM	1	37	21.82	21.89	21.82		
15	16QAM	1	74	21.72	21.94	21.85		
15	16QAM	36	0	20.99	21.08	20.99	22	2
15	16QAM	36	20	20.94	21.07	21.00		
15	16QAM	36	39	20.98	21.05	21.01		
15	16QAM	75	0	20.89	20.94	20.91		
15	64QAM	1	0	21.03	21.12	21.05	22	2
15	64QAM	1	37	21.01	21.09	20.92		
15	64QAM	1	74	20.92	20.97	20.88		
15	64QAM	36	0	19.97	20.00	20.00	21	3
15	64QAM	36	20	19.85	19.93	19.84		
15	64QAM	36	39	19.93	19.97	20.04		
15	64QAM	75	0	19.85	19.99	19.83		
15	256QAM	1	0	19.52	19.65	19.57	21	3
15	256QAM	1	37	19.46	19.59	19.51		
15	256QAM	1	74	19.46	19.57	19.43		
15	256QAM	36	0	19.66	19.69	19.60	21	3
15	256QAM	36	20	19.53	19.66	19.53		
15	256QAM	36	39	19.66	19.67	19.57		
15	256QAM	75	0	19.61	19.71	19.60		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	23.02	23.17	23.00	24	0
10	QPSK	1	25	22.80	23.10	22.91		
10	QPSK	1	49	22.92	23.05	22.97		
10	QPSK	25	0	22.26	22.38	22.24	23	1
10	QPSK	25	12	22.16	22.24	22.18		
10	QPSK	25	25	22.16	22.29	22.20		
10	QPSK	50	0	22.28	22.29	22.29		
10	16QAM	1	0	21.85	22.03	21.87	23	1
10	16QAM	1	25	21.82	21.90	21.91		
10	16QAM	1	49	21.76	21.84	21.84		
10	16QAM	25	0	21.07	21.04	20.96	22	2
10	16QAM	25	12	21.01	21.03	20.96		
10	16QAM	25	25	20.95	21.08	20.99		
10	16QAM	50	0	20.99	21.03	20.91		
10	64QAM	1	0	20.93	21.17	21.00	22	2
10	64QAM	1	25	20.99	21.06	20.97		
10	64QAM	1	49	20.99	21.00	20.88		
10	64QAM	25	0	20.04	20.12	19.98	21	3
10	64QAM	25	12	19.89	20.02	19.90		
10	64QAM	25	25	19.95	19.98	20.00		
10	64QAM	50	0	19.87	19.93	19.80		
10	256QAM	1	0	19.60	19.65	19.64	21	3
10	256QAM	1	25	19.44	19.63	19.55		
10	256QAM	1	49	19.45	19.54	19.45		
10	256QAM	25	0	19.67	19.75	19.63	21	3
10	256QAM	25	12	19.58	19.61	19.56		
10	256QAM	25	25	19.65	19.68	19.67		
10	256QAM	50	0	19.67	19.72	19.62		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	23.00	23.14	23.04	24	0
5	QPSK	1	12	22.88	23.12	22.85		
5	QPSK	1	24	22.89	23.02	22.96		
5	QPSK	12	0	22.30	22.39	22.27	23	1
5	QPSK	12	7	22.25	22.29	22.22		
5	QPSK	12	13	22.18	22.24	22.20		
5	QPSK	25	0	22.29	22.32	22.28		
5	16QAM	1	0	21.83	21.96	21.86	23	1
5	16QAM	1	12	21.89	21.93	21.84		
5	16QAM	1	24	21.75	21.88	21.78		
5	16QAM	12	0	21.04	21.09	20.96	22	2
5	16QAM	12	7	20.96	20.95	20.93		
5	16QAM	12	13	20.98	21.02	20.94		
5	16QAM	25	0	20.99	20.98	20.90		
5	64QAM	1	0	20.92	21.17	21.03	22	2
5	64QAM	1	12	21.01	21.05	20.95		
5	64QAM	1	24	20.92	21.03	20.94		
5	64QAM	12	0	19.96	20.12	20.06	21	3
5	64QAM	12	7	19.89	19.92	19.86		
5	64QAM	12	13	19.94	20.01	19.94		
5	64QAM	25	0	19.95	19.90	19.82		
5	256QAM	1	0	19.53	19.64	19.57	21	3
5	256QAM	1	12	19.42	19.60	19.61		
5	256QAM	1	24	19.55	19.50	19.39		
5	256QAM	12	0	19.64	19.73	19.65	21	3
5	256QAM	12	7	19.60	19.69	19.64		
5	256QAM	12	13	19.63	19.73	19.60		
5	256QAM	25	0	19.59	19.77	19.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.24	23.56	23.41	23.32	24	0
20	QPSK	1	49	23.17	23.48	23.38	23.32		
20	QPSK	1	99	23.15	23.43	23.35	23.21		
20	QPSK	50	0	22.22	22.52	22.37	22.33	23	1
20	QPSK	50	24	22.14	22.46	22.33	22.25		
20	QPSK	50	50	22.16	22.41	22.37	22.19		
20	QPSK	100	0	22.29	22.59	22.47	22.34		
20	16QAM	1	0	22.08	22.40	22.37	22.20	23	1
20	16QAM	1	49	22.10	22.34	22.24	22.11		
20	16QAM	1	99	21.99	22.30	22.15	22.13		
20	16QAM	50	0	21.29	21.59	21.45	21.37	22	2
20	16QAM	50	24	21.18	21.51	21.44	21.32		
20	16QAM	50	50	21.28	21.55	21.41	21.41		
20	16QAM	100	0	21.23	21.49	21.34	21.29		
20	64QAM	1	0	21.33	21.56	21.51	21.42	22	2
20	64QAM	1	49	21.20	21.50	21.46	21.36		
20	64QAM	1	99	21.15	21.46	21.41	21.27		
20	64QAM	50	0	20.26	20.54	20.45	20.33	21	3
20	64QAM	50	24	20.20	20.45	20.36	20.30		
20	64QAM	50	50	20.18	20.50	20.44	20.33		
20	64QAM	100	0	20.11	20.42	20.37	20.24		
20	256QAM	1	0	19.81	20.06	19.94	19.93	21	3
20	256QAM	1	49	19.79	20.03	19.95	19.83		
20	256QAM	1	99	19.67	19.98	19.89	19.85		
20	256QAM	50	0	20.00	20.26	20.14	20.06	21	3
20	256QAM	50	24	19.82	20.16	20.10	19.92		
20	256QAM	50	50	19.87	20.22	20.15	20.05		
20	256QAM	100	0	20.04	20.27	20.22	20.13		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.16	23.50	23.33	23.26	24	0
15	QPSK	1	37	23.11	23.36	23.27	23.21		
15	QPSK	1	74	23.02	23.30	23.29	23.13		
15	QPSK	36	0	22.16	22.46	22.29	22.22	23	1
15	QPSK	36	20	21.99	22.34	22.19	22.20		
15	QPSK	36	39	22.10	22.36	22.27	22.08		
15	QPSK	75	0	22.20	22.54	22.43	22.31		
15	16QAM	1	0	21.96	22.30	22.34	22.06	23	1
15	16QAM	1	37	22.05	22.25	22.15	22.00		
15	16QAM	1	74	21.91	22.26	22.05	22.06		
15	16QAM	36	0	21.15	21.55	21.37	21.23	22	2
15	16QAM	36	20	21.08	21.43	21.37	21.25		
15	16QAM	36	39	21.24	21.50	21.35	21.35		
15	16QAM	75	0	21.09	21.35	21.22	21.22		
15	64QAM	1	0	21.26	21.50	21.48	21.29	22	2
15	64QAM	1	37	21.05	21.39	21.32	21.24		
15	64QAM	1	74	21.06	21.42	21.29	21.13		
15	64QAM	36	0	20.17	20.45	20.32	20.24	21	3
15	64QAM	36	20	20.06	20.39	20.31	20.18		
15	64QAM	36	39	20.08	20.44	20.34	20.18		
15	64QAM	75	0	20.01	20.30	20.23	20.10		
15	256QAM	1	0	19.72	20.01	19.86	19.79	21	3
15	256QAM	1	37	19.67	19.95	19.84	19.69		
15	256QAM	1	74	19.57	19.92	19.86	19.73		
15	256QAM	36	0	19.96	20.22	20.05	19.99	21	3
15	256QAM	36	20	19.89	20.09	19.99	19.78		
15	256QAM	36	39	19.83	20.17	20.07	19.94		
15	256QAM	75	0	19.91	20.22	20.09	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	23.20	23.50	23.28	23.28	24	0
10	QPSK	1	25	23.09	23.33	23.25	23.22		
10	QPSK	1	49	23.09	23.29	23.26	23.09		
10	QPSK	25	0	22.12	22.41	22.24	22.24	23	1
10	QPSK	25	12	22.09	22.35	22.26	22.19		
10	QPSK	25	25	22.10	22.28	22.33	22.06		
10	QPSK	50	0	22.22	22.55	22.42	22.24		
10	16QAM	1	0	21.99	22.25	22.30	22.11	23	1
10	16QAM	1	25	21.98	22.25	22.21	22.07		
10	16QAM	1	49	21.90	22.16	22.02	21.98		
10	16QAM	25	0	21.26	21.54	21.36	21.28	22	2
10	16QAM	25	12	21.11	21.38	21.32	21.19		
10	16QAM	25	25	21.21	21.40	21.28	21.30		
10	16QAM	50	0	21.17	21.36	21.20	21.26		
10	64QAM	1	0	21.22	21.51	21.43	21.34	22	2
10	64QAM	1	25	21.16	21.41	21.33	21.29		
10	64QAM	1	49	21.07	21.40	21.28	21.23		
10	64QAM	25	0	20.20	20.41	20.39	20.23	21	3
10	64QAM	25	12	20.05	20.32	20.28	20.24		
10	64QAM	25	25	20.07	20.42	20.36	20.22		
10	64QAM	50	0	20.01	20.38	20.22	20.10		
10	256QAM	1	0	19.75	19.95	19.81	19.82	21	3
10	256QAM	1	25	19.67	19.93	19.80	19.78		
10	256QAM	1	49	19.54	19.88	19.75	19.73		
10	256QAM	25	0	19.97	20.15	20.09	19.92	21	3
10	256QAM	25	12	19.74	20.10	19.97	19.85		
10	256QAM	25	25	19.75	20.09	20.09	19.92		
10	256QAM	50	0	20.00	20.18	20.12	20.07		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.11	23.44	23.32	23.19	24	0
5	QPSK	1	12	23.08	23.42	23.28	23.23		
5	QPSK	1	24	23.10	23.31	23.28	23.07		
5	QPSK	12	0	22.15	22.42	22.26	22.27	23	1
5	QPSK	12	7	22.09	22.32	22.25	22.13		
5	QPSK	12	13	22.12	22.30	22.25	22.05		
5	QPSK	25	0	22.23	22.54	22.40	22.26		
5	16QAM	1	0	21.97	22.32	22.28	22.13	23	1
5	16QAM	1	12	22.02	22.23	22.19	21.98		
5	16QAM	1	24	21.86	22.15	22.01	22.02		
5	16QAM	12	0	21.20	21.47	21.40	21.25	22	2
5	16QAM	12	7	21.09	21.46	21.34	21.21		
5	16QAM	12	13	21.18	21.46	21.35	21.33		
5	16QAM	25	0	21.10	21.40	21.29	21.18		
5	64QAM	1	0	21.23	21.46	21.37	21.37	22	2
5	64QAM	1	12	21.12	21.37	21.31	21.24		
5	64QAM	1	24	21.01	21.33	21.37	21.14		
5	64QAM	12	0	20.21	20.41	20.39	20.20	21	3
5	64QAM	12	7	20.09	20.39	20.33	20.19		
5	64QAM	12	13	20.04	20.39	20.39	20.25		
5	64QAM	25	0	19.99	20.30	20.31	20.09		
5	256QAM	1	0	19.77	19.96	19.88	19.80	21	3
5	256QAM	1	12	19.68	19.97	19.84	19.71		
5	256QAM	1	24	19.54	19.88	19.78	19.73		
5	256QAM	12	0	19.90	20.19	20.10	20.00	21	3
5	256QAM	12	7	19.72	20.13	19.98	19.80		
5	256QAM	12	13	19.75	20.11	20.09	19.96		
5	256QAM	25	0	19.93	20.15	20.08	20.09		

Reduced Power Mode for Main PA DSI5

GSM850 Ant0 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.79	32.82	32.74	33.50	23.79	23.82	23.74	24.50
GPRS 1 Tx slot	32.81	32.85	32.78	33.50	23.81	23.85	23.78	24.50
GPRS 2 Tx slots	29.40	29.52	29.37	30.50	23.40	23.52	23.37	24.50
GPRS 3 Tx slots	28.12	28.15	28.17	30.00	23.86	23.89	23.91	25.74
GPRS 4 Tx slots	26.37	26.50	26.37	27.50	23.37	23.50	23.37	24.50
EDGE 1 Tx slot	25.38	25.44	25.28	26.50	16.38	16.44	16.28	17.50
EDGE 2 Tx slots	23.57	23.78	23.64	25.00	17.57	17.78	17.64	19.00
EDGE 3 Tx slots	22.46	22.59	22.53	23.50	18.20	18.33	18.27	19.24
EDGE 4 Tx slots	20.49	20.61	20.41	21.50	17.49	17.61	17.41	18.50

GSM1900 Ant0 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	27.59	27.67	27.46	28.90	18.59	18.67	18.46	19.90
GPRS 1 Tx slot	27.69	27.74	27.67	28.90	18.69	18.74	18.67	19.90
GPRS 2 Tx slots	25.14	25.30	25.21	26.40	19.14	19.30	19.21	20.40
GPRS 3 Tx slots	23.22	23.41	22.92	24.90	18.96	19.15	18.66	20.64
GPRS 4 Tx slots	21.36	21.48	21.40	22.90	18.36	18.48	18.40	19.90
EDGE 1 Tx slot	25.03	25.05	24.87	26.00	16.03	16.05	15.87	17.00
EDGE 2 Tx slots	23.23	23.41	23.21	24.50	17.23	17.41	17.21	18.50
EDGE 3 Tx slots	22.27	22.28	22.07	23.50	18.01	18.02	17.81	19.24
EDGE 4 Tx slots	20.08	20.11	19.98	21.00	17.08	17.11	16.98	18.00

		WCDMA II Ant0 DSI3				WCDMA IV Ant0 DSI3				WCDMA V Ant0 DSI3			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.06	18.11	17.88	19.40	17.94	18.05	17.96	19.70	23.13	23.25	23.35	24.30
3GPP Rel 99	RMC 12.2Kbps	18.12	18.17	18.07	19.40	18.06	18.14	18.03	19.70	23.35	23.43	23.37	24.30
3GPP Rel 6	HSDPA Subtest-1	17.03	17.15	17.01	18.40	17.05	17.20	16.92	18.70	22.34	22.31	22.46	23.30
3GPP Rel 6	HSDPA Subtest-2	17.00	17.11	17.08	18.40	17.04	17.19	16.94	18.70	22.32	22.37	22.37	23.30
3GPP Rel 6	HSDPA Subtest-3	16.62	16.62	16.64	17.90	16.53	16.55	16.42	18.20	21.83	22.02	21.91	22.80
3GPP Rel 6	HSDPA Subtest-4	16.71	16.57	16.57	17.90	16.54	16.73	16.50	18.20	21.75	21.96	21.97	22.80
3GPP Rel 8	DC-HSDPA Subtest-1	17.08	17.20	17.18	18.40	17.02	17.20	16.99	18.70	22.31	22.38	22.39	23.30
3GPP Rel 8	DC-HSDPA Subtest-2	17.15	17.23	17.03	18.40	17.04	17.24	17.07	18.70	22.39	22.38	22.44	23.30
3GPP Rel 8	DC-HSDPA Subtest-3	16.59	16.58	16.68	17.90	16.54	16.75	16.42	18.20	21.85	22.05	21.77	22.80
3GPP Rel 8	DC-HSDPA Subtest-4	16.53	16.77	16.46	17.90	16.52	16.72	16.49	18.20	21.95	21.91	21.76	22.80
3GPP Rel 6	HSUPA Subtest-1	17.03	17.12	16.99	18.40	16.95	17.07	17.05	18.70	22.44	22.49	22.36	23.30
3GPP Rel 6	HSUPA Subtest-2	15.12	15.15	15.18	16.40	15.03	15.11	15.00	16.70	20.43	20.44	20.25	21.30
3GPP Rel 6	HSUPA Subtest-3	16.09	16.06	15.99	17.40	15.97	16.12	16.02	17.70	21.35	21.38	21.47	22.30
3GPP Rel 6	HSUPA Subtest-4	15.20	15.20	15.06	16.40	15.16	15.26	15.02	16.70	20.27	20.34	20.27	21.30
3GPP Rel 6	HSUPA Subtest-5	17.18	17.27	17.01	18.40	16.98	17.23	16.95	18.70	22.41	22.46	22.43	23.30

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.81	19.83	19.56		
20	QPSK	1	49	19.61	19.79	19.38	20.9	0
20	QPSK	1	99	19.62	19.84	19.50		
20	QPSK	50	0	19.75	19.81	19.47		
20	QPSK	50	24	19.79	19.80	19.44		
20	QPSK	50	50	19.75	19.67	19.38	20.9	0
20	QPSK	100	0	19.65	19.75	19.38		
20	16QAM	1	0	19.72	19.61	19.48		
20	16QAM	1	49	19.68	19.75	19.50	20.9	0
20	16QAM	1	99	19.71	19.72	19.56		
20	16QAM	50	0	19.45	19.54	19.47		
20	16QAM	50	24	19.37	19.31	19.06	20.9	0
20	16QAM	50	50	19.34	19.35	19.27		
20	16QAM	100	0	19.22	19.42	19.10		
20	64QAM	1	0	19.49	19.63	19.47		
20	64QAM	1	49	19.20	19.33	19.16	20.9	0
20	64QAM	1	99	19.20	19.30	19.33		
20	64QAM	50	0	18.50	18.40	18.39		
20	64QAM	50	24	18.29	18.45	18.30	19.9	1
20	64QAM	50	50	18.29	18.16	18.30		
20	64QAM	100	0	18.26	18.31	18.34		
20	256QAM	1	0	16.29	16.42	16.49		
20	256QAM	1	49	16.34	16.40	16.23	17.9	3
20	256QAM	1	99	16.48	16.54	16.46		
20	256QAM	50	0	16.44	16.41	16.31		
20	256QAM	50	24	16.27	16.44	16.36	17.9	3
20	256QAM	50	50	16.33	16.51	16.50		
20	256QAM	100	0	16.27	16.49	16.24		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.58	19.77	19.37		
15	QPSK	1	37	19.83	19.65	19.31	20.9	0
15	QPSK	1	74	19.72	19.67	19.34		
15	QPSK	36	0	19.55	19.69	19.42		
15	QPSK	36	20	19.73	19.72	19.43	20.9	0
15	QPSK	36	39	19.74	19.56	19.34		
15	QPSK	75	0	19.57	19.63	19.29		
15	16QAM	1	0	19.70	19.56	19.27		
15	16QAM	1	37	19.55	19.74	19.52	20.9	0
15	16QAM	1	74	19.53	19.73	19.43		
15	16QAM	36	0	19.26	19.37	19.43		
15	16QAM	36	20	19.30	19.29	19.06	20.9	0
15	16QAM	36	39	19.15	19.15	19.27		
15	16QAM	75	0	19.12	19.22	18.94		
15	64QAM	1	0	19.38	19.48	19.32		
15	64QAM	1	37	19.21	19.25	19.03	20.9	0
15	64QAM	1	74	19.18	19.29	19.26		
15	64QAM	36	0	18.42	18.24	18.33		
15	64QAM	36	20	18.25	18.38	18.27	19.9	1
15	64QAM	36	39	18.07	18.09	18.16		
15	64QAM	75	0	18.06	18.10	18.14		
15	256QAM	1	0	16.10	16.37	16.45		
15	256QAM	1	37	16.29	16.33	16.19	17.9	3
15	256QAM	1	74	16.27	16.44	16.27		
15	256QAM	36	0	16.42	16.30	16.29		
15	256QAM	36	20	16.08	16.38	16.28	17.9	3
15	256QAM	36	39	16.23	16.27	16.29		
15	256QAM	75	0	16.16	16.42	16.14		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.61	19.87	19.15		
10	QPSK	1	25	19.46	19.67	19.37	20.9	0
10	QPSK	1	49	19.54	19.66	19.44		
10	QPSK	25	0	19.63	19.71	19.28		
10	QPSK	25	12	19.64	19.60	19.25	20.9	0
10	QPSK	25	25	19.60	19.62	19.21		
10	QPSK	50	0	19.60	19.72	19.35		
10	16QAM	1	0	19.51	19.59	19.31		
10	16QAM	1	25	19.55	19.56	19.52	20.9	0
10	16QAM	1	49	19.53	19.66	19.52		
10	16QAM	25	0	19.36	19.42	19.33		
10	16QAM	25	12	19.35	19.09	18.99	20.9	0
10	16QAM	25	25	19.20	19.36	19.16		
10	16QAM	50	0	19.07	19.22	18.94		
10	64QAM	1	0	19.59	19.71	19.37		
10	64QAM	1	25	19.55	19.66	19.34	20.9	0
10	64QAM	1	49	19.55	19.65	19.29		
10	64QAM	25	0	18.41	18.25	18.18		
10	64QAM	25	12	18.15	18.24	18.28	19.9	1
10	64QAM	25	25	18.14	17.95	18.09		
10	64QAM	50	0	18.06	18.14	18.34		
10	256QAM	1	0	16.18	16.23	16.45		
10	256QAM	1	25	16.18	16.24	16.05	17.9	3
10	256QAM	1	49	16.40	16.48	16.38		
10	256QAM	25	0	16.46	16.25	16.14		
10	256QAM	25	12	16.10	16.28	16.27	17.9	3
10	256QAM	25	25	16.33	16.43	16.30		
10	256QAM	50	0	16.15	16.47	16.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.56	19.63	19.25		
5	QPSK	1	12	19.44	19.47	19.49	20.9	0
5	QPSK	1	24	19.61	19.68	19.33		
5	QPSK	12	0	19.58	19.76	19.33		
5	QPSK	12	7	19.66	19.77	19.31	20.9	0
5	QPSK	12	13	19.70	19.48	19.28		
5	QPSK	25	0	19.63	19.61	19.30		
5	16QAM	1	0	19.51	19.57	19.49		
5	16QAM	1	12	19.67	19.56	19.42	20.9	0
5	16QAM	1	24	19.66	19.73	19.46		
5	16QAM	12	0	19.61	19.59	19.36		
5	16QAM	12	7	19.61	19.67	19.40	20.9	0
5	16QAM	12	13	19.74	19.61	19.31		
5	16QAM	25	0	19.04	19.25	18.90		
5	64QAM	1	0	19.43	19.47	19.46		
5	64QAM	1	12	19.00	19.21	19.06	20.9	0
5	64QAM	1	24	19.08	19.12	19.26		
5	64QAM	12	0	18.33	18.19	18.34		
5	64QAM	12	7	18.18	18.36	18.20	19.9	1
5	64QAM	12	13	18.21	18.03	18.26		
5	64QAM	25	0	18.17	18.21	18.35		
5	256QAM	1	0	16.09	16.23	16.30		
5	256QAM	1	12	16.12	16.28	16.16	17.9	3
5	256QAM	1	24	16.33	16.43	16.44		
5	256QAM	12	0	16.41	16.27	16.25		
5	256QAM	12	7	16.17	16.31	16.23	17.9	3
5	256QAM	12	13	16.13	16.47	16.39		
5	256QAM	25	0	16.21	16.34	16.12		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.58	19.66	19.32		
3	QPSK	1	8	19.50	19.47	19.41	20.9	0
3	QPSK	1	14	19.62	19.65	19.47		
3	QPSK	8	0	19.57	19.77	19.36		
3	QPSK	8	4	19.44	19.54	19.45	20.9	0
3	QPSK	8	7	19.55	19.71	19.27		
3	QPSK	15	0	19.43	19.63	19.42		
3	16QAM	1	0	19.66	19.61	19.39		
3	16QAM	1	8	19.66	19.66	19.39	20.9	0
3	16QAM	1	14	19.50	19.69	19.45		
3	16QAM	8	0	19.57	19.72	19.23		
3	16QAM	8	4	19.44	19.57	19.49	20.9	0
3	16QAM	8	7	19.55	19.72	19.44		
3	16QAM	15	0	19.55	19.60	19.44		
3	64QAM	1	0	19.44	19.60	19.17		
3	64QAM	1	8	19.58	19.48	19.52	20.9	0
3	64QAM	1	14	19.63	19.59	19.29		
3	64QAM	8	0	18.36	18.27	18.24		
3	64QAM	8	4	18.15	18.34	18.15	19.9	1
3	64QAM	8	7	18.27	18.10	18.19		
3	64QAM	15	0	18.28	18.22	18.15		
3	256QAM	1	0	16.18	16.38	16.35		
3	256QAM	1	8	16.13	16.40	16.13	17.9	3
3	256QAM	1	14	16.36	16.53	16.46		
3	256QAM	8	0	16.46	16.24	16.24		
3	256QAM	8	4	16.23	16.42	16.16	17.9	3
3	256QAM	8	7	16.34	16.40	16.44		
3	256QAM	15	0	16.09	16.44	16.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.61	19.77	19.35		
1.4	QPSK	1	3	19.55	19.48	19.51		
1.4	QPSK	1	5	19.70	19.62	19.47	20.9	0
1.4	QPSK	3	0	19.74	19.68	19.39		
1.4	QPSK	3	1	19.75	19.67	19.41		
1.4	QPSK	3	3	19.61	19.54	19.32		
1.4	QPSK	6	0	19.54	19.65	19.19	20.9	0
1.4	16QAM	1	0	19.56	19.58	19.37		
1.4	16QAM	1	3	19.53	19.64	19.42		
1.4	16QAM	1	5	19.65	19.64	19.41	20.9	0
1.4	16QAM	3	0	19.23	19.51	19.33		
1.4	16QAM	3	1	19.38	19.15	19.04		
1.4	16QAM	3	3	19.28	19.30	19.22		
1.4	16QAM	6	0	19.23	19.29	18.98	20.9	0
1.4	64QAM	1	0	19.34	19.45	19.42		
1.4	64QAM	1	3	19.16	19.33	19.10		
1.4	64QAM	1	5	18.98	19.22	19.32	20.9	0
1.4	64QAM	3	0	19.51	19.57	19.49		
1.4	64QAM	3	1	19.67	19.56	19.46		
1.4	64QAM	3	3	19.66	19.73	19.46		
1.4	64QAM	6	0	18.22	18.32	18.18	19.9	1
1.4	256QAM	1	0	16.11	16.21	16.43		
1.4	256QAM	1	3	16.22	16.36	16.21		
1.4	256QAM	1	5	16.37	16.37	16.31	17.9	3
1.4	256QAM	3	0	16.41	16.19	16.19		
1.4	256QAM	3	1	16.26	16.43	16.23		
1.4	256QAM	3	3	16.35	16.48	16.46		
1.4	256QAM	6	0	16.12	16.27	16.06	17.9	3

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.78	16.82	16.68		
20	QPSK	1	49	16.75	16.67	16.55	18	0
20	QPSK	1	99	16.72	16.72	16.59		
20	QPSK	50	0	16.79	16.81	16.63		
20	QPSK	50	24	16.56	16.56	16.45	18	0
20	QPSK	50	50	16.59	16.67	16.48		
20	QPSK	100	0	16.61	16.72	16.50		
20	16QAM	1	0	16.54	16.51	16.56		
20	16QAM	1	49	16.72	16.63	16.50	18	0
20	16QAM	1	99	16.65	16.60	16.63		
20	16QAM	50	0	16.64	16.52	16.43		
20	16QAM	50	24	16.63	16.76	16.46	18	0
20	16QAM	50	50	16.80	16.69	16.51		
20	16QAM	100	0	16.65	16.67	16.45		
20	64QAM	1	0	16.72	16.71	16.56		
20	64QAM	1	49	16.71	16.72	16.44	18	0
20	64QAM	1	99	16.57	16.46	16.42		
20	64QAM	50	0	16.68	16.60	16.41		
20	64QAM	50	24	16.75	16.74	16.59	18	0
20	64QAM	50	50	16.55	16.59	16.39		
20	64QAM	100	0	16.55	16.60	16.58		
20	256QAM	1	0	16.68	16.60	16.47		
20	256QAM	1	49	16.64	16.52	16.46	18	0
20	256QAM	1	99	16.56	16.76	16.46		
20	256QAM	50	0	16.62	16.63	16.51		
20	256QAM	50	24	16.77	16.58	16.56	18	0
20	256QAM	50	50	16.51	16.63	16.56		
20	256QAM	100	0	16.71	16.74	16.47		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.76	16.78	16.53		
15	QPSK	1	37	16.60	16.48	16.57	18	0
15	QPSK	1	74	16.58	16.78	16.54		
15	QPSK	36	0	16.62	16.66	16.60		
15	QPSK	36	20	16.58	16.41	16.43	18	0
15	QPSK	36	39	16.55	16.49	16.46		
15	QPSK	75	0	16.53	16.71	16.37		
15	16QAM	1	0	16.37	16.47	16.39		
15	16QAM	1	37	16.66	16.52	16.49	18	0
15	16QAM	1	74	16.49	16.51	16.49		
15	16QAM	36	0	16.68	16.66	16.43		
15	16QAM	36	20	16.67	16.62	16.49	18	0
15	16QAM	36	39	16.75	16.71	16.64		
15	16QAM	75	0	16.61	16.50	16.36		
15	64QAM	1	0	16.64	16.58	16.42		
15	64QAM	1	37	16.53	16.58	16.27	18	0
15	64QAM	1	74	16.55	16.36	16.32		
15	64QAM	36	0	16.64	16.48	16.54		
15	64QAM	36	20	16.65	16.71	16.43	18	0
15	64QAM	36	39	16.65	16.59	16.47		
15	64QAM	75	0	16.50	16.55	16.54		
15	256QAM	1	0	16.55	16.50	16.44		
15	256QAM	1	37	16.59	16.46	16.47	18	0
15	256QAM	1	74	16.49	16.56	16.30		
15	256QAM	36	0	16.40	16.41	16.40		
15	256QAM	36	20	16.61	16.38	16.52	18	0
15	256QAM	36	39	16.61	16.45	16.53		
15	256QAM	75	0	16.62	16.60	16.35		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.70	16.80	16.67		
10	QPSK	1	25	16.70	16.56	16.49	18	0
10	QPSK	1	49	16.55	16.79	16.38		
10	QPSK	25	0	16.74	16.76	16.54		
10	QPSK	25	12	16.45	16.44	16.28	18	0
10	QPSK	25	25	16.41	16.50	16.40		
10	QPSK	50	0	16.59	16.62	16.36		
10	16QAM	1	0	16.36	16.30	16.49		
10	16QAM	1	25	16.52	16.47	16.43	18	0
10	16QAM	1	49	16.51	16.60	16.58		
10	16QAM	25	0	16.48	16.46	16.30		
10	16QAM	25	12	16.44	16.62	16.41	18	0
10	16QAM	25	25	16.80	16.59	16.36		
10	16QAM	50	0	16.52	16.63	16.33		
10	64QAM	1	0	16.65	16.61	16.32		
10	64QAM	1	25	16.71	16.61	16.45	18	0
10	64QAM	1	49	16.45	16.42	16.27		
10	64QAM	25	0	16.54	16.52	16.36		
10	64QAM	25	12	16.54	16.60	16.44	18	0
10	64QAM	25	25	16.63	16.67	16.44		
10	64QAM	50	0	16.48	16.45	16.41		
10	256QAM	1	0	16.60	16.57	16.31		
10	256QAM	1	25	16.46	16.42	16.46	18	0
10	256QAM	1	49	16.35	16.78	16.38		
10	256QAM	25	0	16.64	16.42	16.39		
10	256QAM	25	12	16.72	16.53	16.51	18	0
10	256QAM	25	25	16.47	16.63	16.40		
10	256QAM	50	0	16.70	16.53	16.46		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.63	16.71	16.65		
5	QPSK	1	12	16.67	16.50	16.49	18	0
5	QPSK	1	24	16.73	16.72	16.56		
5	QPSK	12	0	16.59	16.63	16.57		
5	QPSK	12	7	16.62	16.71	16.57	18	0
5	QPSK	12	13	16.76	16.60	16.42		
5	QPSK	25	0	16.54	16.69	16.32		
5	16QAM	1	0	16.53	16.49	16.44		
5	16QAM	1	12	16.62	16.51	16.43	18	0
5	16QAM	1	24	16.61	16.59	16.52		
5	16QAM	12	0	16.42	16.51	16.43		
5	16QAM	12	7	16.58	16.64	16.38	18	0
5	16QAM	12	13	16.76	16.67	16.40		
5	16QAM	25	0	16.66	16.56	16.27		
5	64QAM	1	0	16.67	16.61	16.46		
5	64QAM	1	12	16.65	16.68	16.27	18	0
5	64QAM	1	24	16.57	16.32	16.41		
5	64QAM	12	0	16.53	16.53	16.23		
5	64QAM	12	7	16.65	16.68	16.41	18	0
5	64QAM	12	13	16.50	16.54	16.41		
5	64QAM	25	0	16.48	16.53	16.42		
5	256QAM	1	0	16.69	16.52	16.43		
5	256QAM	1	12	16.63	16.43	16.24	18	0
5	256QAM	1	24	16.44	16.63	16.30		
5	256QAM	12	0	16.61	16.65	16.42		
5	256QAM	12	7	16.74	16.49	16.43	18	0
5	256QAM	12	13	16.50	16.59	16.43		
5	256QAM	25	0	16.62	16.75	16.28		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.62	16.78	16.61		
3	QPSK	1	8	16.56	16.53	16.47	18	0
3	QPSK	1	14	16.71	16.68	16.59		
3	QPSK	8	0	16.76	16.68	16.42		
3	QPSK	8	4	16.72	16.74	16.39	18	0
3	QPSK	8	7	16.71	16.79	16.45		
3	QPSK	15	0	16.41	16.54	16.51		
3	16QAM	1	0	16.53	16.36	16.50		
3	16QAM	1	8	16.71	16.48	16.44	18	0
3	16QAM	1	14	16.48	16.39	16.51		
3	16QAM	8	0	16.46	16.33	16.22		
3	16QAM	8	4	16.50	16.72	16.38	18	0
3	16QAM	8	7	16.64	16.69	16.36		
3	16QAM	15	0	16.49	16.56	16.44		
3	64QAM	1	0	16.46	16.68	16.40		
3	64QAM	1	8	16.63	16.66	16.39	18	0
3	64QAM	1	14	16.38	16.33	16.34		
3	64QAM	8	0	16.66	16.55	16.26		
3	64QAM	8	4	16.66	16.61	16.61	18	0
3	64QAM	8	7	16.45	16.40	16.34		
3	64QAM	15	0	16.53	16.50	16.46		
3	256QAM	1	0	16.53	16.39	16.42		
3	256QAM	1	8	16.65	16.50	16.30	18	0
3	256QAM	1	14	16.47	16.59	16.30		
3	256QAM	8	0	16.41	16.58	16.30		
3	256QAM	8	4	16.67	16.49	16.46	18	0
3	256QAM	8	7	16.38	16.58	16.44		
3	256QAM	15	0	16.65	16.64	16.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.78	16.80	16.47		
1.4	QPSK	1	3	16.73	16.49	16.42		
1.4	QPSK	1	5	16.60	16.75	16.42	18	0
1.4	QPSK	3	0	16.58	16.68	16.36		
1.4	QPSK	3	1	16.52	16.72	16.44		
1.4	QPSK	3	3	16.80	16.59	16.44		
1.4	QPSK	6	0	16.43	16.63	16.45	18	0
1.4	16QAM	1	0	16.39	16.40	16.53		
1.4	16QAM	1	3	16.65	16.64	16.41		
1.4	16QAM	1	5	16.65	16.58	16.61	18	0
1.4	16QAM	3	0	16.49	16.38	16.32		
1.4	16QAM	3	1	16.45	16.61	16.34		
1.4	16QAM	3	3	16.61	16.63	16.43		
1.4	16QAM	6	0	16.43	16.68	16.26	18	0
1.4	64QAM	1	0	16.55	16.66	16.46		
1.4	64QAM	1	3	16.52	16.72	16.35		
1.4	64QAM	1	5	16.46	16.33	16.22	18	0
1.4	64QAM	3	0	16.56	16.59	16.51		
1.4	64QAM	3	1	16.67	16.81	16.42		
1.4	64QAM	3	3	16.79	16.62	16.62		
1.4	64QAM	6	0	16.42	16.41	16.47	18	0
1.4	256QAM	1	0	16.58	16.39	16.39		
1.4	256QAM	1	3	16.61	16.51	16.39		
1.4	256QAM	1	5	16.56	16.75	16.32	18	0
1.4	256QAM	3	0	16.57	16.57	16.38		
1.4	256QAM	3	1	16.76	16.37	16.44		
1.4	256QAM	3	3	16.38	16.47	16.47		
1.4	256QAM	6	0	16.51	16.73	16.47	18	0

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	22.45	22.47	22.39		
10	QPSK	1	25	22.30	22.38	22.33	23.3	0
10	QPSK	1	49	22.29	22.45	22.31		
10	QPSK	25	0	22.32	22.39	22.37		
10	QPSK	25	12	22.30	22.24	22.15	23.3	0
10	QPSK	25	25	22.37	22.28	22.33		
10	QPSK	50	0	22.22	22.25	22.31		
10	16QAM	1	0	22.21	22.31	22.20		
10	16QAM	1	25	22.33	22.28	22.44	23.3	0
10	16QAM	1	49	22.32	22.20	22.26		
10	16QAM	25	0	21.70	21.55	21.60		
10	16QAM	25	12	21.51	21.57

Band Ant0 12 Default

BW [MHz]	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	22.35	22.37	22.10	24	0
10	QPSK	1	25	22.17	22.21	22.19		
10	QPSK	6	49	22.06	22.12	22.14		
10	QPSK	25	0	22.06	22.26	22.11	24	0
10	QPSK	25	12	22.16	22.18	22.15		
10	QPSK	25	25	22.11	22.03	22.16		
10	QPSK	50	0	22.02	22.17	22.06		
10	16QAM	1	0	22.07	22.12	22.05	24	0
10	16QAM	1	25	22.05	22.22	22.24		
10	16QAM	1	49	22.15	22.07	22.05		
10	16QAM	25	0	21.42	21.32	21.42	23	1
10	16QAM	25	12	21.46	21.33	21.10		
10	16QAM	25	25	21.27	21.57	21.18		
10	16QAM	50	0	21.43	21.58	21.28		
10	64QAM	1	0	21.45	21.18	21.34	23	1
10	64QAM	1	25	21.46	21.17	21.12		
10	64QAM	1	49	21.09	21.42	21.39		
10	64QAM	25	0	20.54	20.30	20.51	22	2
10	64QAM	25	12	20.20	20.46	20.23		
10	64QAM	25	25	20.32	20.29	20.20		
10	64QAM	50	0	20.28	20.39	20.41		
10	256QAM	1	0	18.45	18.47	18.03	20	4
10	256QAM	1	25	18.21	18.11	18.18		
10	256QAM	1	49	18.32	18.10	18.32		
10	256QAM	25	0	18.32	18.53	18.20	20	4
10	256QAM	25	12	18.44	18.18	18.20		
10	256QAM	25	25	18.33	18.20	18.42		
10	256QAM	50	0	18.12	18.41	18.37		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.18	22.25	22.17	24	0
5	QPSK	1	12	22.18	22.24	22.26		
5	QPSK	1	24	22.05	22.28	22.23		
5	QPSK	12	0	22.00	22.29	22.19	24	0
5	QPSK	12	7	22.21	22.04	22.28		
5	QPSK	12	13	22.13	22.09	22.26		
5	QPSK	25	0	22.03	22.12	22.21		
5	16QAM	1	0	22.06	22.18	22.02	24	0
5	16QAM	1	12	22.00	22.21	22.36		
5	16QAM	1	24	22.10	22.05	22.20		
5	16QAM	12	0	21.39	21.36	21.40	23	1
5	16QAM	12	7	21.44	21.41	21.27		
5	16QAM	12	13	21.19	21.64	21.33		
5	16QAM	25	0	21.54	21.54	21.33		
5	64QAM	1	0	21.42	21.27	21.43	23	1
5	64QAM	1	12	21.36	21.27	21.29		
5	64QAM	1	24	21.11	21.33	21.43		
5	64QAM	12	0	20.40	20.39	20.45	22	2
5	64QAM	12	7	20.29	20.47	20.27		
5	64QAM	12	13	20.19	20.28	20.13		
5	64QAM	25	0	20.40	20.26	20.22		
5	256QAM	1	0	18.55	18.36	18.55	20	4
5	256QAM	1	12	18.14	18.33	18.15		
5	256QAM	1	24	18.55	18.16	18.38		
5	256QAM	12	0	18.45	18.51	18.30	20	4
5	256QAM	12	7	18.34	18.20	18.29		
5	256QAM	12	13	18.24	18.30	18.49		
5	256QAM	25	0	18.15	18.24	18.38		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.35	22.29	22.20	24	0
3	QPSK	1	8	22.18	22.33	22.17		
3	QPSK	1	14	22.09	22.20	22.18		
3	QPSK	8	0	22.00	22.10	22.27	24	0
3	QPSK	8	4	22.17	22.18	22.13		
3	QPSK	8	7	22.06	22.07	22.01		
3	QPSK	15	0	22.19	22.10	22.13		
3	16QAM	1	0	22.01	22.16	22.06	24	0
3	16QAM	1	8	22.01	22.09	22.33		
3	16QAM	1	14	22.16	22.00	22.05		
3	16QAM	8	0	21.49	21.41	21.39	23	1
3	16QAM	8	4	21.38	21.51	21.16		
3	16QAM	8	7	21.18	21.51	21.33		
3	16QAM	15	0	21.55	21.40	21.41		
3	64QAM	1	0	21.36	21.22	21.49	23	1
3	64QAM	1	8	21.48	21.25	21.15		
3	64QAM	1	14	21.21	21.33	21.37		
3	64QAM	8	0	20.53	20.37	20.49	22	2
3	64QAM	8	4	20.15	20.31	20.25		
3	64QAM	8	7	20.23	20.18	20.22		
3	64QAM	15	0	20.37	20.24	20.35		
3	256QAM	1	0	18.52	18.43	18.15	20	4
3	256QAM	1	8	18.23	18.28	18.17		
3	256QAM	1	14	18.51	18.10	18.43		
3	256QAM	8	0	18.50	18.34	18.16	20	4
3	256QAM	8	4	18.34	18.17	18.34		
3	256QAM	8	7	18.28	18.09	18.52		
3	256QAM	15	0	18.11	18.32	18.43		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.32	22.47	22.29	24	0
1.4	QPSK	1	3	22.32	22.26	22.45		
1.4	QPSK	1	5	22.44	22.31	22.22		
1.4	QPSK	3	0	22.23	22.32	22.07		
1.4	QPSK	3	1	22.24	22.33	22.19		
1.4	QPSK	3	3	22.31	22.13	22.25		
1.4	QPSK	6	0	22.30	22.32	22.15	24	0
1.4	16QAM	1	0	22.23	22.18	22.18	24	0
1.4	16QAM	1	3	22.17	22.10	22.23		
1.4	16QAM	1	5	22.33	22.19	22.15		
1.4	16QAM	3	0	22.17	22.33	22.29		
1.4	16QAM	3	1	22.11	22.28	22.27		
1.4	16QAM	3	3	22.46	22.14	22.23		
1.4	16QAM	6	0	21.53	21.50	21.26	23	1
1.4	64QAM	1	0	21.50	21.39	21.59	23	1
1.4	64QAM	1	3	21.42	21.11	21.53		
1.4	64QAM	1	5	21.09	21.42	21.27		
1.4	64QAM	3	0	21.38	21.48	21.45		
1.4	64QAM	3	1	21.25	21.20	21.38		
1.4	64QAM	3	3	21.30	21.32	21.15		
1.4	64QAM	6	0	20.29	20.68	20.27	22	2
1.4	256QAM	1	0	18.62	18.43	18.53	20	4
1.4	256QAM	1	3	18.40	18.49	18.22		
1.4	256QAM	1	5	18.40	18.57	18.68		
1.4	256QAM	3	0	18.58	18.46	18.36		
1.4	256QAM	3	1	18.12	18.53	18.53		
1.4	256QAM	3	3	18.60	18.54	18.52		
1.4	256QAM	6	0	18.54	18.51	18.30	20	4

22.09

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.32		23.5	0
10	QPSK	1	25		22.21			
10	QPSK	1	49		22.25			
10	QPSK	25	0		22.28		23.5	0
10	QPSK	25	12		22.19			
10	QPSK	25	25		22.06			
10	QPSK	50	0		22.11			
10	16QAM	1	0		22.06		23.5	0
10	16QAM	1	25		22.14			
10	16QAM	1	49		22.07			
10	16QAM	25	0		21.28		22.5	1
10	16QAM	25	12		21.28			
10	16QAM	25	25		21.38			
10	16QAM	50	0		21.53			
10	64QAM	1	0		21.16		22.5	1
10	64QAM	1	25		21.22			
10	64QAM	1	49		21.45			
10	64QAM	25	0		20.25		21.5	2
10	64QAM	25	12		20.49			
10	64QAM	25	25		20.22			
10	64QAM	50	0		20.29			
10	256QAM	1	0		18.09		19.5	4
10	256QAM	1	25		18.03			
10	256QAM	1	49		18.09			
10	256QAM	25	0		18.63		19.5	4
10	256QAM	25	12		18.14			
10	256QAM	25	25		18.29			
10	256QAM	50	0		18.35			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.28	22.28	22.01	23.5	0
5	QPSK	1	12	22.08	22.04	22.17		
5	QPSK	1	24	22.17	22.15	22.06		
5	QPSK	12	0	22.05	22.24	22.00	23.5	0
5	QPSK	12	7	22.00	22.02	22.00		
5	QPSK	12	13	22.00	22.05	22.14		
5	QPSK	25	0	22.00	22.09	22.03		
5	16QAM	1	0	22.04	22.03	22.00	23.5	0
5	16QAM	1	12	22.01	22.19	22.10		
5	16QAM	1	24	22.01	22.05	22.09		
5	16QAM	12	0	21.40	21.21	21.22	22.5	1
5	16QAM	12	7	21.45	21.18	21.02		
5	16QAM	12	13	21.24	21.39	21.12		
5	16QAM	25	0	21.42	21.54	21.21		
5	64QAM	1	0	21.30	21.06	21.25	22.5	1
5	64QAM	1	12	21.32	21.08	21.00		
5	64QAM	1	24	21.06	21.34	21.36		
5	64QAM	12	0	20.46	20.13	20.41	21.5	2
5	64QAM	12	7	20.02	20.40	20.10		
5	64QAM	12	13	20.17	20.29	20.17		
5	64QAM	25	0	20.17	20.36	20.36		
5	256QAM	1	0	18.28	18.41	18.25	19.5	4
5	256QAM	1	12	18.14	18.03	18.11		
5	256QAM	1	24	18.25	18.03	18.32		
5	256QAM	12	0	18.22	18.45	18.00	19.5	4
5	256QAM	12	7	18.30	18.11	18.19		
5	256QAM	12	13	18.31	18.20	18.28		
5	256QAM	25	0	18.06	18.35	18.34		

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BW [MHz]	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	22.30	22.32	22.18	24	0
10	QPSK	1	25	22.01	22.01	22.03		
10	QPSK	1	49	22.06	22.13	22.02		
10	QPSK	25	0	22.12	22.23	22.03	24	0
10	QPSK	25	12	22.00	22.14	22.15		
10	QPSK	25	25	22.07	22.10	22.13		
10	QPSK	50	0	22.05	22.19	22.06		
10	16QAM	1	0	22.23	22.01	22.11	24	0
10	16QAM	1	25	22.19	22.08	22.20		
10	16QAM	1	49	22.11	22.15	22.14		
10	16QAM	25	0	21.36	21.26	21.23	23	1
10	16QAM	25	12	21.44	21.30	21.00		
10	16QAM	25	25	21.12	21.15	21.15		
10	16QAM	50	0	21.42	21.46	21.17		
10	64QAM	1	0	21.27	21.01	21.32	23	1
10	64QAM	1	25	21.35	21.12	21.01		
10	64QAM	1	49	21.08	21.26	21.27		
10	64QAM	25	0	20.51	20.11	20.45	22	2
10	64QAM	25	12	20.03	20.32	20.04		
10	64QAM	25	25	20.29	20.18	20.20		
10	64QAM	50	0	20.11	20.36	20.32		
10	256QAM	1	0	18.32	18.07	18.08	20	4
10	256QAM	1	25	18.07	18.28	18.06		
10	256QAM	1	49	18.31	18.07	18.20		
10	256QAM	25	0	18.28	18.48	18.06	20	4
10	256QAM	25	12	18.29	18.11	18.08		
10	256QAM	25	25	18.28	18.14	18.31		
10	256QAM	50	0	18.06	18.25	18.21		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.21	22.25	22.08	24	0
5	QPSK	1	12	22.16	22.14	22.16		
5	QPSK	1	24	22.03	22.27	22.05		
5	QPSK	12	0	22.05	22.21	22.10	24	0
5	QPSK	12	7	22.14	22.17	22.12		
5	QPSK	12	13	22.12	22.03	22.14		
5	QPSK	25	0	22.08	22.00	22.03		
5	16QAM	1	0	22.04	22.01	22.04	24	0
5	16QAM	1	12	22.04	22.21	22.07		
5	16QAM	1	24	22.06	22.05	22.09		
5	16QAM	12	0	21.36	21.20	21.29	23	1
5	16QAM	12	7	21.42	21.23	21.04		
5	16QAM	12	13	21.27	21.04	21.02		
5	16QAM	25	0	21.30	21.53	21.08		
5	64QAM	1	0	21.26	21.06	21.14	23	1
5	64QAM	1	12	21.38	21.03	21.27		
5	64QAM	1	24	21.22	21.24	21.35		
5	64QAM	12	0	20.34	20.28	20.44	22	2
5	64QAM	12	7	20.02	20.42	20.20		
5	64QAM	12	13	20.24	20.10	20.17		
5	64QAM	25	0	20.24	20.32	20.21		
5	256QAM	1	0	18.30	18.32	18.15	20	4
5	256QAM	1	12	18.04	18.08	18.11		
5	256QAM	1	24	18.13	18.09	18.27		
5	256QAM	12	0	18.26	18.50	18.02	20	4
5	256QAM	12	7	18.32	18.02	18.15		
5	256QAM	12	13	18.22	18.02	18.27		
5	256QAM	25	0	18.08	18.37	18.36		

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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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.84	19.89	19.64	20.9	0
20	QPSK	1	49	19.74	19.85	19.64		
20	QPSK	1	99	19.65	19.74	19.47		
20	QPSK	50	0	19.72	19.85	19.61	20.9	0
20	QPSK	50	24	19.56	19.83	19.42		
20	QPSK	50	50	19.53	19.70	19.41		
20	QPSK	100	0	19.73	19.80	19.58		
20	16QAM	1	0	19.61	19.70	19.63	20.9	0
20	16QAM	1	49	19.46	19.56	19.31		
20	16QAM	1	99	19.68	19.61	19.50		
20	16QAM	50	0	19.70	19.74	19.59	20.9	0
20	16QAM	50	24	19.65	19.76	19.33		
20	16QAM	50	50	19.70	19.70	19.52		
20	16QAM	100	0	19.71	19.66	19.63	20.9	0
20	64QAM	1	0	19.62	19.80	19.57		
20	64QAM	1	49	19.47	19.72	19.41		
20	64QAM	1	99	19.64	19.48	19.58		
20	64QAM	50	0	19.30	18.95	19.44	19.9	1
20	64QAM	50	24	19.02	19.41	19.02		
20	64QAM	50	50	19.24	19.14	19.07		
20	64QAM	100	0	19.01	19.22	19.24		
20	256QAM	1	0	17.19	17.08	17.25	17.9	3
20	256QAM	1	49	17.12	17.22	17.03		
20	256QAM	1	99	17.03	16.92	17.06		
20	256QAM	50	0	17.25	17.43	17.01	17.9	3
20	256QAM	50	24	17.37	17.05	17.04		
20	256QAM	50	50	17.30	17.07	17.34		
20	256QAM	100	0	16.95	17.27	17.09		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.74	19.70	19.45	20.9	0
15	QPSK	1	37	19.64	19.69	19.53		
15	QPSK	1	74	19.54	19.75	19.25		
15	QPSK	36	0	19.54	19.65	19.46	20.9	0
15	QPSK	36	20	19.45	19.66	19.41		
15	QPSK	36	39	19.55	19.81	19.42		
15	QPSK	75	0	19.59	19.78	19.41		
15	16QAM	1	0	19.51	19.59	19.64	20.9	0
15	16QAM	1	37	19.37	19.40	19.22		
15	16QAM	1	74	19.46	19.50	19.25		
15	16QAM	36	0	19.58	19.63	19.46	20.9	0
15	16QAM	36	20	19.59	19.61	19.25		
15	16QAM	36	39	19.64	19.59	19.53		
15	16QAM	75	0	19.55	19.46	19.64		
15	64QAM	1	0	19.51	19.59	19.41	20.9	0
15	64QAM	1	37	19.39	19.62	19.37		
15	64QAM	1	74	19.58	19.41	19.50		
15	64QAM	36	0	19.18	18.79	19.28	19.9	1
15	64QAM	36	20	18.91	18.88	19.06		
15	64QAM	36	39	19.06	19.06	19.07		
15	64QAM	75	0	18.97	19.12	19.07		
15	256QAM	1	0	17.11	17.07	17.12	17.9	3
15	256QAM	1	37	17.05	17.10	16.95		
15	256QAM	1	74	17.00	16.85	16.96		
15	256QAM	36	0	17.04	17.29	17.01	17.9	3
15	256QAM	36	20	17.29	16.85	17.04		
15	256QAM	36	39	17.17	16.96	17.19		
15	256QAM	75	0	16.79	17.28	17.03		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.69	19.88	19.43	20.9	0
10	QPSK	1	25	19.59	19.80	19.62		
10	QPSK	1	49	19.45	19.76	19.47		
10	QPSK	25	0	19.54	19.69	19.40	20.9	0
10	QPSK	25	12	19.57	19.72	19.41		
10	QPSK	25	25	19.53	19.65	19.46		
10	QPSK	50	0	19.66	19.75	19.46		
10	16QAM	1	0	19.46	19.57	19.54	20.9	0
10	16QAM	1	25	19.40	19.54	19.12		
10	16QAM	1	49	19.62	19.50	19.38		
10	16QAM	25	0	19.60	19.73	19.49	20.9	0
10	16QAM	25	12	19.45	19.77	19.43		
10	16QAM	25	25	19.54	19.71	19.60		
10	16QAM	50	0	19.71	19.56	19.56		
10	64QAM	1	0	19.54	19.67	19.53	20.9	0
10	64QAM	1	25	19.39	19.67	19.35		
10	64QAM	1	49	19.55	19.41	19.55		
10	64QAM	25	0	19.16	18.91	19.36	19.9	1
10	64QAM	25	12	18.93	19.21	18.99		
10	64QAM	25	25	19.23	19.16	19.02		
10	64QAM	50	0	18.85	19.02	19.07		
10	256QAM	1	0	16.99	16.95	17.03	17.9	3
10	256QAM	1	25	16.99	17.17	16.89		
10	256QAM	1	49	17.00	16.77	16.88		
10	256QAM	25	0	17.10	17.32	17.00	17.9	3
10	256QAM	25	12	17.22	16.92	16.89		
10	256QAM	25	25	17.16	17.02	17.12		
10	256QAM	50	0	16.89	17.21	17.04		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.67	19.81	19.64	20.9	0
5	QPSK	1	12	19.68	19.72	19.61		
5	QPSK	1	24	19.65	19.70	19.33		
5	QPSK	12	0	19.71	19.80	19.59	20.9	0
5	QPSK	12	7	19.44	19.64	19.43		
5	QPSK	12	13	19.63	19.75	19.50		
5	QPSK	25	0	19.56	19.82	19.60		
5	16QAM	1	0	19.42	19.57	19.46	20.9	0
5	16QAM	1	12	19.39	19.47	19.29		
5	16QAM	1	24	19.61	19.42	19.41		
5	16QAM	12	0	19.50	19.65	19.40	20.9	0
5	16QAM	12	7	19.63	19.55	19.33		
5	16QAM	12	13	19.71	19.65	19.44		
5	16QAM	25	0	19.71	19.49	19.61		
5	64QAM	1	0	19.54	19.64	19.51	20.9	0
5	64QAM	1	12	19.45	19.50	19.36		
5	64QAM	1	24	19.54	19.38	19.44		
5	64QAM	12	0	19.17	18.93	19.35	19.9	1
5	64QAM	12	7	18.90	19.33	18.95		
5	64QAM	12	13	19.08	19.14	19.09		
5	64QAM	25	0	19.02	19.02	19.12		
5	256QAM	1	0	17.09	16.88	17.20	17.9	3
5	256QAM	1	12	16.97	17.15	16.82		
5	256QAM	1	24	17.02	16.73	16.84		
5	256QAM	12	0	17.17	17.21	16.86	17.9	3
5	256QAM	12	7	17.19	17.05	17.00		
5	256QAM	12	13	17.30	17.04	17.27		
5	256QAM	25	0	16.77	17.23	16.97		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.77	19.78	19.57	20.9	0
3	QPSK	1	8	19.63	19.80	19.48		
3	QPSK	1	14	19.60	19.62	19.41		
3	QPSK	8	0	19.54	19.82	19.46	20.9	0
3	QPSK	8	4	19.51	19.64	19.41		
3	QPSK	8	7	19.52	19.60	19.42		
3	QPSK	15	0	19.70	19.78	19.56		
3	16QAM	1	0	19.42	19.62	19.64	20.9	0
3	16QAM	1	8	19.39	19.44	19.17		
3	16QAM	1	14	19.56	19.62	19.48		
3	16QAM	8	0	19.59	19.67	19.58	20.9	0
3	16QAM	8	4	19.62	19.74	19.31		
3	16QAM	8	7	19.52	19.59	19.46		
3	16QAM	15	0	19.53	19.66	19.52		
3	64QAM	1	0	19.61	19.79	19.50	20.9	0
3	64QAM	1	8	19.35	19.63	19.39		
3	64QAM	1	14	19.49	19.44	19.55		
3	64QAM	8	0	19.17	18.92	19.28	19.9	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.28	22.39	22.16	23.3	0
15	QPSK	1	37	22.26	22.24	22.14		
15	QPSK	1	74	22.11	22.14	22.13		
15	QPSK	36	0	22.12	22.26	22.18	23.3	0
15	QPSK	36	20	22.18	22.17	22.21		
15	QPSK	36	39	22.25	22.19	22.25		
15	QPSK	75	0	22.15	22.18	22.11		
15	16QAM	1	0	22.16	22.27	22.24	23.3	0
15	16QAM	1	37	22.21	22.16	22.19		
15	16QAM	1	74	22.24	22.23	22.34		
15	16QAM	36	0	22.17	22.11	22.16	22.3	1
15	16QAM	36	20	22.15	22.16	22.25		
15	16QAM	36	39	22.16	22.15	22.13		
15	16QAM	75	0	22.23	22.25	22.26		
15	64QAM	1	0	22.26	22.14	22.19	22.3	1
15	64QAM	1	37	22.26	22.22	22.27		
15	64QAM	1	74	22.20	22.23	22.19		
15	64QAM	36	0	20.48	20.01	20.27	21.3	2
15	64QAM	36	20	20.07	20.21	20.02		
15	64QAM	36	39	20.27	20.14	20.20		
15	64QAM	75	0	20.01	20.47	20.41		
15	256QAM	1	0	18.29	18.17	18.24	19.3	4
15	256QAM	1	37	18.12	18.24	18.13		
15	256QAM	1	74	18.24	18.06	18.30		
15	256QAM	36	0	18.29	18.40	18.10	19.3	4
15	256QAM	36	20	18.33	18.17	18.18		
15	256QAM	36	39	18.24	18.05	18.40		
15	256QAM	75	0	18.03	18.33	18.20		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.27	22.23	22.19	23.3	0
10	QPSK	1	25	22.30	22.28	22.19		
10	QPSK	1	49	22.21	22.29	22.12		
10	QPSK	25	0	22.33	22.34	22.17	23.3	0
10	QPSK	25	12	22.19	22.20	22.26		
10	QPSK	25	25	22.21	22.23	22.20		
10	QPSK	50	0	22.35	22.13	22.35		
10	16QAM	1	0	22.19	22.27	22.12	23.3	0
10	16QAM	1	25	22.34	22.11	22.29		
10	16QAM	1	49	22.25	22.11	22.21		
10	16QAM	25	0	22.27	22.14	22.24	22.3	1
10	16QAM	25	12	22.14	22.24	22.21		
10	16QAM	25	25	22.14	22.21	22.22		
10	16QAM	50	0	22.27	22.21	22.30		
10	64QAM	1	0	22.17	22.26	22.28	22.3	1
10	64QAM	1	25	22.25	22.21	22.14		
10	64QAM	1	49	22.29	22.26	22.29		
10	64QAM	25	0	20.54	20.20	20.53	21.3	2
10	64QAM	25	12	20.11	20.21	20.09		
10	64QAM	25	25	20.20	20.24	20.11		
10	64QAM	50	0	20.19	20.45	20.41		
10	256QAM	1	0	18.30	18.07	18.10	19.3	4
10	256QAM	1	25	18.09	18.04	18.05		
10	256QAM	1	49	18.39	18.16	18.18		
10	256QAM	25	0	18.31	18.07	18.05	19.3	4
10	256QAM	25	12	18.27	18.05	18.02		
10	256QAM	25	25	18.39	18.24	18.20		
10	256QAM	50	0	18.03	18.24	18.33		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.20	22.20	22.11	23.3	0
5	QPSK	1	12	22.12	22.29	22.29		
5	QPSK	1	24	22.28	22.19	22.20		
5	QPSK	12	0	22.25	22.34	22.26	23.3	0
5	QPSK	12	7	22.16	22.12	22.30		
5	QPSK	12	13	22.31	22.26	22.31		
5	QPSK	25	0	22.15	22.21	22.31		
5	16QAM	1	0	22.25	22.29	22.24	23.3	0
5	16QAM	1	12	22.32	22.11	22.22		
5	16QAM	1	24	22.33	22.14	22.28		
5	16QAM	12	0	22.13	22.17	22.21	22.3	1
5	16QAM	12	7	22.24	22.21	22.17		
5	16QAM	12	13	22.30	22.18	22.29		
5	16QAM	25	0	22.14	22.12	22.19		
5	64QAM	1	0	22.17	22.13	22.25	22.3	1
5	64QAM	1	12	22.16	22.29	22.30		
5	64QAM	1	24	22.15	22.21	22.25		
5	64QAM	12	0	20.28	20.17	20.28	21.3	2
5	64QAM	12	7	20.01	20.41	20.01		
5	64QAM	12	13	20.28	20.24	20.15		
5	64QAM	25	0	20.16	20.37	20.30		
5	256QAM	1	0	18.23	18.08	18.06	19.3	4
5	256QAM	1	12	18.07	18.06	18.17		
5	256QAM	1	24	18.26	18.07	18.18		
5	256QAM	12	0	18.36	18.38	18.13	19.3	4
5	256QAM	12	7	18.27	18.14	18.13		
5	256QAM	12	13	18.16	18.07	18.32		
5	256QAM	25	0	18.10	18.17	18.13		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.27	22.26	22.24	23.3	0
3	QPSK	1	8	22.25	22.22	22.30		
3	QPSK	1	14	22.35	22.18	22.26		
3	QPSK	8	0	22.12	22.30	22.26	23.3	0
3	QPSK	8	4	22.14	22.18	22.26		
3	QPSK	8	7	22.20	22.14	22.16		
3	QPSK	15	0	22.19	22.13	22.31		
3	16QAM	1	0	22.20	22.28	22.27	23.3	0
3	16QAM	1	8	22.16	22.18	22.11		
3	16QAM	1	14	22.22	22.29	22.12		
3	16QAM	8	0	22.18	22.17	22.30	22.3	1
3	16QAM	8	4	22.21	22.28	22.13		
3	16QAM	8	7	22.15	22.29	22.28		
3	16QAM	15	0	22.12	22.22	22.13		
3	64QAM	1	0	22.12	22.30	22.24	22.3	1
3	64QAM	1	8	22.28	22.21	22.22		
3	64QAM	1	14	22.21	22.11	22.29		
3	64QAM	8	0	20.18	20.12	20.36	21.3	2
3	64QAM	8	4	20.16	20.02	20.16		
3	64QAM	8	7	20.21	20.10	20.24		
3	64QAM	15	0	20.10	20.30	20.24		
3	256QAM	1	0	18.44	18.02	18.15	19.3	4
3	256QAM	1	8	18.18	18.05	18.17		
3	256QAM	1	14	18.21	18.06	18.26		
3	256QAM	8	0	18.10	18.10	18.16	19.3	4
3	256QAM	8	4	18.39	18.01	18.03		
3	256QAM	8	7	18.21	18.03	18.34		
3	256QAM	15	0	18.04	18.37	18.18		
Channel				26677	26865	27053	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.28	22.26	23.3	0
1.4	QPSK	1	3	22.01	22.06	22.25		
1.4	QPSK	1	5	22.16	22.00	22.01		
1.4	QPSK	3	0	22.07	22.23	22.11		
1.4	QPSK	3	1	22.07	22.05	22.13		
1.4	QPSK	3	3	22.17	22.25	22.06		
1.4	QPSK	6	0	22.01	22.17	22.06	23.3	0
1.4	16QAM	1	0	22.04	22.21	22.07	23.3	0
1.4	16QAM	1	3	22.00	22.08	22.19		
1.4	16QAM	1	5	22.20	22.28	22.04		
1.4	16QAM	3	0	22.05	22.10	22.13		
1.4	16QAM	3	1	22.01	22.07	22.27		
1.4	16QAM	3	3	22.09	22.07	22.25		
1.4	16QAM	6	0	21.29	21.31	21.03	22.3	1
1.4	64QAM	1	0	21.09	21.20	21.17	22.3	1
1.4	64QAM	1	3	21.30	21.28	21.31		
1.4	64QAM	1	5	21.06	21.11	21.23		
1.4	64QAM	3	0	21.43	21.07	21.06		
1.4	64QAM	3	1	21.00	21.05	21.00		
1.4	64QAM	3	3	21.30	21.24	21.17		
1.4	64QAM	6	0	20.31	20.25	20.31	21.3	2
1.4	256QAM	1	0	18.30	18.03	18.17	19.3	4
1.4	256QAM	1	3	18.01	18.27	18.17		
1.4	256QAM	1	5	18.25	18.16	18.00		
1.4	256QAM	3	0	18.11	18.31	18.01		
1.4	256QAM	3	1	18.08	18.22	18.23		
1.4	256QAM	3	3	18.02	18.13	18.27		
1.4	256QAM	6	0	18.06	18.24	18.16	19.3	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.81	16.84	16.66	18	0
20	QPSK	1	49	16.61	16.64	16.48		
20	QPSK	1	99	16.66	16.70	16.64		
20	QPSK	50	0	16.67	16.80	16.56	18	0
20	QPSK	50	24	16.55	16.57	16.37		
20	QPSK	50	50	16.52	16.58	16.46		
20	QPSK	100	0	16.57	16.72	16.44		
20	16QAM	1	0	16.50	16.48	16.35	18	0
20	16QAM	1	49	16.47	16.65	16.51		
20	16QAM	1	99	16.56	16.82	16.46		
20	16QAM	50	0	16.56	16.51	16.30	18	0
20	16QAM	50	24	16.51	16.62	16.42		
20	16QAM	50	50	16.61	16.62	16.34		
20	16QAM	100	0	16.51	16.62	16.35	18	0
20	64QAM	1	0	16.68	16.56	16.65		
20	64QAM	1	49	16.56	16.65	16.54		
20	64QAM	1	99	16.54	16.66	16.39		
20	64QAM	50	0	16.57	16.62	16.28	18	0
20	64QAM	50	24	16.60	16.58	16.44		
20	64QAM	50	50	16.53	16.67	16.40		
20	64QAM	100	0	16.59	16.61	16.64		
20	256QAM	1	0	16.50	16.65	16.46	18	0
20	256QAM	1	49	16.61	16.51	16.34		
20	256QAM	1	99	16.53	16.60	16.51		
20	256QAM	50	0	16.59	16.72	16.49	18	0
20	256QAM	50	24	16.50	16.55	16.31		
20	256QAM	50	50	16.45	16.68	16.63		
20	256QAM	100	0	16.55	16.69	16.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.68	16.70	16.52	18	0
15	QPSK	1	37	16.59	16.59	16.37		
15	QPSK	1	74	16.56	16.61	16.51		
15	QPSK	36	0	16.55	16.77	16.52	18	0
15	QPSK	36	20	16.41	16.59	16.38		
15	QPSK	36	39	16.38	16.40	16.35		
15	QPSK	75	0	16.55	16.59	16.38		
15	16QAM	1	0	16.50	16.60	16.31	18	0
15	16QAM	1	37	16.58	16.69	16.56		
15	16QAM	1	74	16.52	16.59	16.54		
15	16QAM	36	0	16.49	16.30	16.15	18	0
15	16QAM	36	20	16.45	16.54	16.36		
15	16QAM	36	39	16.53	16.44	16.24		
15	16QAM	75	0	16.47	16.43	16.17		
15	64QAM	1	0	16.48	16.42	16.45	18	0
15	64QAM	1	37	16.42	16.58	16.41		
15	64QAM	1	74	16.51	16.47	16.25		
15	64QAM	36	0	16.55	16.46	16.16	18	0
15	64QAM	36	20	16.41	16.60	16.42		
15	64QAM	36	39	16.51	16.51	16.37		
15	64QAM	75	0	16.54	16.58	16.60		
15	256QAM	1	0	16.35	16.59	16.35	18	0
15	256QAM	1	37	16.43	16.46	16.13		
15	256QAM	1	74	16.50	16.53	16.42		
15	256QAM	36	0	16.57	16.58	16.30	18	0
15	256QAM	36	20	16.50	16.44	16.32		
15	256QAM	36	39	16.57	16.63	16.59		
15	256QAM	75	0	16.46	16.69	16.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.80	16.75	16.61	18	0
10	QPSK	1	25	16.46	16.62	16.33		
10	QPSK	1	49	16.65	16.71	16.58		
10	QPSK	25	0	16.64	16.69	16.35	18	0
10	QPSK	25	12	16.42	16.58	16.19		
10	QPSK	25	25	16.45	16.46	16.47		
10	QPSK	50	0	16.57	16.64	16.35		
10	16QAM	1	0	16.54	16.56	16.38	18	0
10	16QAM	1	25	16.52	16.64	16.66		
10	16QAM	1	49	16.64	16.75	16.48		
10	16QAM	25	0	16.49	16.37	16.29	18	0
10	16QAM	25	12	16.50	16.50	16.22		
10	16QAM	25	25	16.49	16.43	16.18		
10	16QAM	50	0	16.53	16.50	16.37		
10	64QAM	1	0	16.62	16.37	16.47	18	0
10	64QAM	1	25	16.48	16.54	16.55		
10	64QAM	1	49	16.36	16.66	16.28		
10	64QAM	25	0	16.62	16.42	16.32	18	0
10	64QAM	25	12	16.55	16.50	16.61		
10	64QAM	25	25	16.47	16.58	16.47		
10	64QAM	50	0	16.45	16.42	16.53	18	0
10	256QAM	1	0	16.47	16.54	16.37		
10	256QAM	1	25	16.39	16.30	16.18		
10	256QAM	1	49	16.53	16.42	16.46		
10	256QAM	25	0	16.55	16.58	16.46	18	0
10	256QAM	25	12	16.30	16.38	16.30		
10	256QAM	25	25	16.24	16.62	16.49		
10	256QAM	50	0	16.49	16.52	16.41		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.77	16.78	16.48	18	0
5	QPSK	1	12	16.59	16.61	16.36		
5	QPSK	1	24	16.44	16.66	16.49		
5	QPSK	12	0	16.50	16.67	16.46	18	0
5	QPSK	12	7	16.39	16.35	16.28		
5	QPSK	12	13	16.34	16.47	16.36		
5	QPSK	25	0	16.49	16.70	16.36		
5	16QAM	1	0	16.33	16.37	16.17	18	0
5	16QAM	1	12	16.34	16.57	16.48		
5	16QAM	1	24	16.40	16.61	16.29		
5	16QAM	12	0	16.48	16.31	16.22	18	0
5	16QAM	12	7	16.48	16.52	16.25		
5	16QAM	12	13	16.49	16.58	16.15		
5	16QAM	25	0	16.41	16.53	16.23		
5	64QAM	1	0	16.55	16.56	16.46	18	0
5	64QAM	1	12	16.48	16.63	16.54		
5	64QAM	1	24	16.44	16.64	16.24		
5	64QAM	12	0	16.52	16.63	16.16	18	0
5	64QAM	12	7	16.54	16.39	16.23		
5	64QAM	12	13	16.47	16.53	16.30		
5	64QAM	25	0	16.57	16.45	16.63		
5	256QAM	1	0	16.37	16.50	16.29	18	0
5	256QAM	1	12	16.40	16.37	16.23		
5	256QAM	1	24	16.35	16.54	16.43		
5	256QAM	12	0	16.56	16.64	16.44	18	0
5	256QAM	12	7	16.52	16.51	16.20		
5	256QAM	12	13	16.44	16.51	16.48		
5	256QAM	25	0	16.55	16.63	16.36		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.69	16.62	16.49	18	0
3	QPSK	1	8	16.49	16.63	16.33		
3	QPSK	1	14	16.63	16.68	16.47		
3	QPSK	8	0	16.49	16.61	16.43	18	0
3	QPSK	8	4	16.34	16.41	16.20		
3	QPSK	8	7	16.50	16.55	16.33		
3	QPSK	15	0	16.44	16.62	16.32	18	0
3	16QAM	1	0	16.38	16.43	16.32		
3	16QAM	1	8	16.35	16.44	16.33		
3	16QAM	1	14	16.41	16.68	16.43		
3	16QAM	8	0	16.54	16.48	16.25	18	0
3	16QAM	8	4	16.44	16.52	16.24		
3	16QAM	8	7	16.51	16.44	16.35		
3	16QAM	15	0	16.43	16.50	16.32	18	0
3	64QAM	1	0	16.53	16.41	16.67		
3	64QAM	1	8	16.51	16.53	16.49		
3	64QAM	1	14	16.38	16.54	16.20		
3	64QAM	8	0	16.45	16.53	16.27	18	0
3	64QAM	8	4	16.40	16.45	16.28		
3	64QAM	8	7	16.37	16.59	16.34		
3	64QAM	15	0	16.39	16.56	16.51	18	0
3	256QAM	1	0	16.34	16.60	16.34		
3	256QAM	1	8	16.57	16.42	16.33		
3	256QAM	1	14	16.39	16.62	16.43		
3	256QAM	8	0	16.50	16.48	16.35	18	0
3	256QAM	8	4	16.44	16.60	16.53		
3	256QAM	8	7	16.49	16.58	16.53		
3	256QAM	15	0	16.36	16.51	16.42		
Channel				131975	132332	132685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.73	16.78	16.59	18	0
1.4	QPSK	1	3	16.63	16.51	16.41		
1.4	QPSK	1	5	16.53	16.49	16.57		
1.4	QPSK	3	0	16.55	16.61	16.40		
1.4	QPSK	3	1	16.56	16.47	16.17		
1.4	QPSK	3	3	16.43	16.47	16.43		
1.4	QPSK	6	0	16.40	16.53	16.28	18	0
1.4	16QAM	1	0	16.53	16.64	16.38	18	0
1.4	16QAM	1	3	16.54	16.69	16.59		
1.4	16QAM	1	5	16.65	16.71	16.56		
1.4	16QAM	3	0	16.40	16.47	16.18		
1.4	16QAM	3	1	16.32	16.46	16.28		
1.4	16QAM	3	3	16.45	16.42	16.35		
1.4	16QAM	6	0	16.30	16.56	16.29	18	0
1.4	64QAM	1	0	16.61	16.50	16.65	18	0
1.4	64QAM	1	3	16.55	16.57	16.48		
1.4	64QAM	1	5	16.51	16.66	16.32		
1.4	64QAM	3	0	16.55	16.43	16.16		
1.4	64QAM	3	1	16.56	16.49	16.40		
1.4	64QAM	3	3	16.51	16.56	16.39		
1.4	64QAM	6	0	16.48	16.42	16.62	18	0
1.4	256QAM	1	0	16.37	16.47	16.32	18	0
1.4	256QAM	1	3	16.58	16.50	16.22		
1.4	256QAM	1	5	16.53	16.41	16.34		
1.4	256QAM	3	0	16.44	16.52	16.51		
1.4	256QAM	3	1	16.46	16.36	16.28		
1.4	256QAM	3	3	16.37	16.51	16.64		
1.4	256QAM	6	0	16.56	16.56	16.28	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.31	19.34	19.29	20.6	0
20	QPSK	1	49	19.26	19.20	19.27		
20	QPSK	1	99	19.09	19.15	19.19		
20	QPSK	50	0	19.17	19.32	19.23	20.6	0
20	QPSK	50	24	19.28	19.14	19.27		
20	QPSK	50	50	19.30	19.14	19.17		
20	QPSK	100	0	19.28	19.29	19.19		
20	16QAM	1	0	19.30	19.13	19.14	20.6	0
20	16QAM	1	49	19.16	19.17	19.09		
20	16QAM	1	99	19.21	19.30	19.23		
20	16QAM	50	0	19.30	19.29	19.11	20.6	0
20	16QAM	50	24	19.28	19.18	19.11		
20	16QAM	50	50	19.12	19.28	19.22		
20	16QAM	100	0	19.18	19.22	19.19		
20	64QAM	1	0	19.12	19.17	19.09	20.6	0
20	64QAM	1	49	19.13	19.23	19.16		
20	64QAM	1	99	19.18	19.15	19.25		
20	64QAM	50	0	19.31	19.21	19.29	20.6	0
20	64QAM	50	24	19.20	19.29	19.12		
20	64QAM	50	50	19.17	19.13	19.25		
20	64QAM	100	0	19.31	19.26	19.15		
20	256QAM	1	0	19.16	19.29	19.02	20.6	0
20	256QAM	1	49	19.20	19.07	19.21		
20	256QAM	1	99	19.25	19.10	19.08		
20	256QAM	50	0	18.96	19.27	19.01	20.6	0
20	256QAM	50	24	18.98	19.16	19.17		
20	256QAM	50	50	19.25	19.04	19.29		
20	256QAM	100	0	19.32	19.10	19.10		
Channel				37825	38000	38173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.09	19.29	19.31	20.6	0
15	QPSK	1	37	19.19	19.11	19.24		
15	QPSK	1	74	19.00	19.06	19.01		
15	QPSK	36	0	19.03	19.26	19.04	20.6	0
15	QPSK	36	20	19.20	18.94	19.07		
15	QPSK	36	39	19.21	18.98	19.14		
15	QPSK	75	0	19.19	19.18	19.16		
15	16QAM	1	0	19.17	19.14	18.96	20.6	0
15	16QAM	1	37	19.08	19.07	19.03		
15	16QAM	1	74	19.11	19.08	19.16		
15	16QAM	36	0	19.26	19.09	19.05	20.6	0
15	16QAM	36	20	19.16	19.16	19.04		
15	16QAM	36	39	19.05	19.18	19.08		
15	16QAM	75	0	19.12	19.12	19.08		
15	64QAM	1	0	19.02	19.12	18.99	20.6	0
15	64QAM	1	37	19.06	19.02	19.06		
15	64QAM	1	74	19.15	19.11	19.11		
15	64QAM	36	0	19.33	19.03	19.30	20.6	0
15	64QAM	36	20	18.99	19.21	19.12		
15	64QAM	36	39	19.07	19.07	19.18		
15	64QAM	75	0	19.14	19.10	18.98		
15	256QAM	1	0	19.08	19.23	18.87	20.6	0
15	256QAM	1	37	19.18	18.86	19.06		
15	256QAM	1	74	19.14	19.07	19.05		
15	256QAM	36	0	18.97	19.07	18.81	20.6	0
15	256QAM	36	20	19.00	19.01	19.17		
15	256QAM	36	39	19.07	18.99	19.27		
15	256QAM	75	0	19.11	19.11	18.90		
Channel				37600	38000	38400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.18	19.13	19.29	20.6	0
10	QPSK	1	25	19.15	19.02	19.11		
10	QPSK	1	49	18.93	19.10	19.11		
10	QPSK	25	0	19.02	19.12	19.15	20.6	0
10	QPSK	25	12	19.14	19.10	19.11		
10	QPSK	25	25	19.16	19.00	19.18		
10	QPSK	50	0	19.11	19.09	19.14		
10	16QAM	1	0	19.09	19.14	19.10	20.6	0
10	16QAM	1	25	19.18	18.96	18.95		
10	16QAM	1	49	19.06	19.16	19.16		
10	16QAM	25	0	19.24	19.23	19.03	20.6	0
10	16QAM	25	12	19.22	19.17	19.04		
10	16QAM	25	25	18.93	19.15	19.21		
10	16QAM	50	0	19.11	19.06	19.04		
10	64QAM	1	0	19.01	19.02	18.98	20.6	0
10	64QAM	1	25	19.08	19.10	18.97		
10	64QAM	1	49	18.96	19.16	19.23		
10	64QAM	25	0	19.25	19.05	19.26	20.6	0
10	64QAM	25	12	19.18	19.20	18.97		
10	64QAM	25	25	19.03	19.02	19.12		
10	64QAM	50	0	19.32	19.13	19.08		
10	256QAM	1	0	18.97	19.20	18.94	20.6	0
10	256QAM	1	25	19.09	18.90	19.10		
10	256QAM	1	49	19.11	18.98	18.94		
10	256QAM	25	0	18.86	19.25	18.97	20.6	0
10	256QAM	25	12	18.81	19.09	19.11		
10	256QAM	25	25	19.23	18.93	19.12		
10	256QAM	50	0	19.24	18.88	19.07		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	19.24	19.21	19.15	20.6	0
5	QPSK	1	12	19.09	18.98	19.28		
5	QPSK	1	24	19.09	19.11	19.08		
5	QPSK	12	0	19.15	19.26	19.08	20.6	0
5	QPSK	12	7	19.07	19.08	19.28		
5	QPSK	12	13	19.14	19.03	18.98		
5	QPSK	25	0	19.08	19.15	19.05		
5	16QAM	1	0	19.16	19.02	19.07	20.6	0
5	16QAM	1	12	18.95	18.98	18.98		
5	16QAM	1	24	19.03	19.22	19.14		
5	16QAM	12	0	19.15	19.23	18.92	20.6	0
5	16QAM	12	7	19.29	19.00	18.92		
5	16QAM	12	13	19.13	19.23	19.20		
5	16QAM	25	0	19.09	19.15	19.18		
5	64QAM	1	0	18.91	19.12	19.06	20.6	0
5	64QAM	1	12	18.96	19.08	19.14		
5	64QAM	1	24	19.11	19.02	19.26		
5	64QAM	12	0	19.22	19.08	19.29	20.6	0
5	64QAM	12	7	18.99	19.25	19.03		
5	64QAM	12	13	19.17	19.06	19.17		
5	64QAM	25	0	19.15	19.25	19.04		
5	256QAM	1	0	19.02	19.33	18.95	20.6	0
5	256QAM	1	12	19.17	19.09	19.05		
5	256QAM	1	24	19.19	19.09	19.01		
5	256QAM	12	0	18.79	19.28	18.86	20.6	0
5	256QAM	12	7	18.87	19.14	19.00		
5	256QAM	12	13	19.15	18.91	19.11		
5	256QAM	25	0	19.30	19.02	19.01		

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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	19.22	19.47	19.51	19.27	19.33	20.6	0
20	QPSK	1	49	19.03	19.48	19.37	19.08	19.20		
20	QPSK	1	99	19.12	19.31	19.42	19.09	19.26		
20	QPSK	50	0	19.20	19.44	19.47	19.35	19.37	20.6	0
20	QPSK	50	24	19.12	19.33	19.44	19.10	19.27		
20	QPSK	50	50	19.21	19.29	19.43	19.17	19.16		
20	QPSK	100	0	19.24	19.29	19.37	19.26	19.18		
20	16QAM	1	0	19.01	19.43	19.43	19.24	19.16	20.6	0
20	16QAM	1	49	19.18	19.35	19.30	19.23	19.33		
20	16QAM	1	99	19.22	19.41	19.35	19.15	19.30		
20	16QAM	50	0	19.12	19.35	19.39	19.06	19.22	20.6	0
20	16QAM	50	24	19.19	19.36	19.49	19.21	19.27		
20	16QAM	50	50	19.21	19.32	19.29	19.13	19.30		
20	16QAM	100	0	19.23	19.33	19.36	19.18	19.32		
20	64QAM	1	0	19.03	19.27	19.31	19.26	19.12	20.6	0
20	64QAM	1	49	19.01	19.43	19.44	19.27	19.34		
20	64QAM	1	99	19.01	19.36	19.38	19.22	19.32		
20	64QAM	50	0	19.00	19.41	19.44	19.19	19.17	20.6	0
20	64QAM	50	24	19.17	19.43	19.41	19.09	19.29		
20	64QAM	50	50	19.15	19.48	19.40	19.08	19.12		
20	64QAM	100	0	19.12	19.42	19.37	19.27	19.15		
20	256QAM	1	0	18.97	18.97	19.04	19.08	18.94	20.1	0.5
20	256QAM	1	49	18.94	19.02	19.04	18.91	18.98		
20	256QAM	1	99	18.94	19.30	19.19	19.03	19.20		
20	256QAM	50	0	19.00	19.06	19.15	18.90	19.17	20.1	0.5
20	256QAM	50	24	19.03	19.27	19.19	19.24	19.04		
20	256QAM	50	50	19.07	19.12	19.11	19.00	19.12		
20	256QAM	100	0	19.08	19.08	19.11	19.02	19.04		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.15	19.29	19.34	19.27	19.30	21	0
15	QPSK	1	37	19.04	19.38	19.31	18.90	19.19		
15	QPSK	1	74	18.94	19.16	19.26	18.91	19.25		
15	QPSK	36	0	19.05	19.43	19.46	19.18	19.37	20.6	0
15	QPSK	36	20	18.96	19.11	19.25	18.98	19.23		
15	QPSK	36	39	19.21	19.08	19.23	19.10	18.99		
15	QPSK	75	0	19.17	19.13	19.36	19.27	18.99		
15	16QAM	1	0	18.96	19.40	19.36	19.07	19.10	20.6	0
15	16QAM	1	37	19.14	19.14	19.20	19.10	19.32		
15	16QAM	1	74	19.12	19.41	19.15	19.08	19.21		
15	16QAM	36	0	19.03	19.36	19.31	18.93	19.20	20.6	0
15	16QAM	36	20	18.98	19.16	19.28	19.12	19.10		
15	16QAM	36	39	19.15	19.21	19.18	18.91	19.25		
15	16QAM	75	0	19.07	19.18	19.18	19.01	19.20		
15	64QAM	1	0	18.93	19.43	19.19	19.10	19.04	20.6	0
15	64QAM	1	37	18.93	19.29	19.25	19.08	19.09		
15	64QAM	1	74	19.12	19.37	19.30	19.16	19.20		
15	64QAM	36	0	19.02	19.43	19.28	19.21	19.11	20.6	0
15	64QAM	36	20	19.03	19.27	19.21	19.05	19.14		
15	64QAM	36	39	19.00	19.34	19.36	18.97	19.13		
15	64QAM	75	0	18.91	19.21	19.29	19.23	18.96		
15	256QAM	1	0	18.78	18.90	18.85	19.05	18.74	20.1	0.5
15	256QAM	1	37	18.90	18.88	18.94	18.91	18.78		
15	256QAM	1	74	18.84	19.21	18.98	19.05	19.10		
15	256QAM	36	0	18.95	19.01	19.12	18.78	19.19	20.1	0.5
15	256QAM	36	20	18.93	19.17	19.12	19.24	18.82		
15	256QAM	36	39	18.95	19.09	19.03	18.90	18.94		
15	256QAM	75	0	18.96	18.91	18.94	19.04	18.87		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.04	19.27	19.19	19.06	19.10	21	0
10	QPSK	1	25	18.98	19.18	19.21	19.03	19.09		
10	QPSK	1	49	19.05	19.30	19.39	19.35	19.24		
10	QPSK	25	0	19.14	19.41	19.28	19.36	19.34	20.6	0
10	QPSK	25	12	19.12	19.15	19.42	18.95	19.20		
10	QPSK	25	25	19.19	19.31	19.25	19.18	19.02		
10	QPSK	50	0	19.18	19.23	19.19	19.15	18.97	20.6	0
10	16QAM	1	0	18.95	19.22	19.45	19.15	18.96		
10	16QAM	1	25	19.14	19.20	19.32	19.19	19.23		
10	16QAM	1	49	19.15	19.30	19.36	19.12	19.27		
10	16QAM	25	0	19.05	19.21	19.29	19.05	19.06	20.6	0
10	16QAM	25	12	19.05	19.24	19.32	19.22	19.11		
10	16QAM	25	25	19.01	19.24	19.26	19.01	19.22		
10	16QAM	50	0	19.17	19.24	19.16	19.04	19.20		
10	64QAM	1	0	18.99	19.46	19.34	19.03	19.08	20.6	0
10	64QAM	1	25	19.08	19.17	19.21	19.05	19.09		
10	64QAM	1	49	19.19	19.28	19.43	19.36	19.39		
10	64QAM	25	0	18.91	19.31	19.27	19.21	19.02	20.6	0
10	64QAM	25	12	19.05	19.22	19.37	18.99	19.26		
10	64QAM	25	25	19.14	19.40	19.39	19.07	18.97		
10	64QAM	50	0	18.97	19.27	19.18	19.05	19.07	20.6	0
10	256QAM	1	0	18.97	18.93	18.85	18.97	18.74	20.1	0.5
10	256QAM	1	25	18.72	19.01	18.95	18.73	18.88		
10	256QAM	1	49	18.75	19.12	19.12	19.00	19.05		
10	256QAM	25	0	18.82	18.87	19.07	18.79	19.15	20.1	0.5
10	256QAM	25	12	18.96	19.12	19.03	19.13	18.83		
10	256QAM	25	25	18.89	19.06	18.98	18.79	18.93		
10	256QAM	50	0	18.87	19.00	19.06	18.84	18.88		
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	18.95	19.29	19.22	19.00	19.08	21	0
5	QPSK	1	12	19.00	19.21	19.33	18.96	19.12		
5	QPSK	1	24	19.12	19.42	19.45	19.15	19.20		
5	QPSK	12	0	19.18	19.44	19.26	19.33	19.31	20.6	0
5	QPSK	12	7	19.12	19.11	19.37	19.09	19.11		
5	QPSK	12	13	19.13	19.16	19.42	19.19	19.16		
5	QPSK	25	0	19.16	19.14	19.33	19.11	19.09		
5	16QAM	1	0	18.98	19.39	19.23	18.94	19.21	20.6	0
5	16QAM	1	12	18.98	19.18	19.21	18.93	19.10		
5	16QAM	1	24	19.12	19.32	19.41	19.19	19.22		
5	16QAM	12	0	19.13	19.34	19.22	19.03	19.21	20.6	0
5	16QAM	12	7	19.14	19.16	19.29	19.19	19.15		
5	16QAM	12	13	19.04	19.12	19.23	19.09	19.26		
5	16QAM	25	0	19.07	19.26	19.19	19.11	19.32		
5	64QAM	1	0	18.94	19.43	19.36	18.98	19.01	20.6	0
5	64QAM	1	12	18.99	19.11	19.22	19.08	19.24		
5	64QAM	1	24	19.19	19.34	19.28	19.13	19.16		
5	64QAM	12	0	19.00	19.41	19.27	18.92	19.01	20.6	0
5	64QAM	12	7	19.01	19.33	19.34	18.92	19.19		
5	64QAM	12	13	19.13	19.27	19.38	19.15	19.30		
5	64QAM	25	0	18.96	19.27	19.22	19.06	19.14		
5	256QAM	1	0	18.91	18.94	18.85	19.05	18.93	20.1	0.5
5	256QAM	1	12	18.93	19.03	18.92	18.90	18.92		
5	256QAM	1	24	18.94	19.20	19.12	18.96	19.02		
5	256QAM	12	0	18.89	18.93	19.03	18.85	19.17	20.1	0.5
5	256QAM	12	7	18.91	19.10	19.20	19.12	18.98		
5	256QAM	12	13	18.86	19.01	19.02	18.81	18.99		
5	256QAM	25	0	19.06	18.99	18.98	18.92	18.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.76	21.15	21.21	21.04	21.05	22.2	0
20	QPSK	1	49	21.08	21.09	21.07	21.13	21.09		
20	QPSK	1	99	21.03	20.89	20.92	21.09	21.04		
20	QPSK	50	0	20.80	21.18	21.19	21.00	21.02	22.2	0
20	QPSK	50	24	21.02	21.09	21.06	21.15	20.92		
20	QPSK	50	50	21.01	20.91	21.08	21.04	21.10		
20	QPSK	100	0	20.93	21.02	21.15	21.11	20.97		
20	16QAM	1	0	20.86	20.94	20.92	20.93	20.97	22.2	0
20	16QAM	1	49	21.03	20.98	21.00	21.13	21.06		
20	16QAM	1	99	21.00	21.10	20.90	21.10	21.02		
20	16QAM	50	0	20.79	20.93	20.70	20.95	20.98	22.2	0
20	16QAM	50	24	20.94	20.84	20.82	21.03	20.87		
20	16QAM	50	50	20.92	20.91	20.79	20.97	21.00		
20	16QAM	100	0	20.71	20.75	20.89	20.88	20.89		
20	64QAM	1	0	20.88	20.85	20.83	21.05	21.07	22.2	0
20	64QAM	1	49	20.99	20.89	20.84	20.89	21.02		
20	64QAM	1	99	20.64	20.94	20.76	20.88	20.85		
20	64QAM	50	0	20.86	20.96	20.81	21.13	20.92	22.2	0
20	64QAM	50	24	20.83	21.00	20.69	21.03	20.91		
20	64QAM	50	50	20.73	20.73	20.84	20.75	20.96		
20	64QAM	100	0	20.96	20.86	20.84	21.04	21.04		
20	256QAM	1	0	20.84	20.90	20.88	20.91	20.96	22.2	0
20	256QAM	1	49	20.81	20.72	20.89	20.83	20.81		
20	256QAM	1	99	21.03	20.83	20.78	21.13	20.88		
20	256QAM	50	0	20.85	20.96	20.69	20.88	20.81	22.2	0
20	256QAM	50	24	20.87	20.87	20.91	20.94	20.92		
20	256QAM	50	50	21.00	20.88	20.81	21.13	21.07		
20	256QAM	100	0	20.89	21.09	20.83	20.92	20.85		
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	20.73	21.01	21.06	20.94	20.98	22	0
15	QPSK	1	37	20.95	20.88	21.06	21.10	21.03		
15	QPSK	1	74	20.83	20.85	20.71	20.99	20.85		
15	QPSK	36	0	20.78	21.04	21.05	20.83	20.93	22.2	0
15	QPSK	36	20	20.94	21.02	20.88	21.12	20.86		
15	QPSK	36	39	20.85	20.91	20.91	20.97	21.11		
15	QPSK	75	0	20.73	20.95	20.96	20.93	20.93		
15	16QAM	1	0	20.79	20.76	20.71	20.73	20.77	22.2	0
15	16QAM	1	37	21.00	20.80	20.89	20.95	20.87		
15	16QAM	1	74	21.00	21.10	20.70	20.92	21.02		
15	16QAM	36	0	20.64	20.72	20.58	20.91	20.80	22.2	0
15	16QAM	36	20	20.92	20.67	20.70	20.84	20.65		
15	16QAM	36	39	20.79	20.92	20.69	20.97	20.81		
15	16QAM	75	0	20.55	20.72	20.86	20.70	20.87		
15	64QAM	1	0	20.93	21.11	20.94	21.03	20.96	22.2	0
15	64QAM	1	37	20.91	20.75	20.71	21.10	20.94		
15	64QAM	1	74	20.73	21.08	21.16	20.91	20.83		
15	64QAM	36	0	20.68	20.79	20.76	21.09	20.88	22.2	0
15	64QAM	36	20	20.73	20.80	20.69	20.93	20.90		
15	64QAM	36	39	20.74	20.73	20.86	20.64	20.89		
15	64QAM	75	0	20.93	20.65	20.68	21.02	20.84		
15	256QAM	1	0	20.75	20.71	20.83	20.79	20.95	22.2	0
15	256QAM	1	37	20.82	20.53	20.89	20.77	20.65		
15	256QAM	1	74	20.82	20.72	20.71	20.94	20.76		
15	256QAM	36	0	20.70	20.92	20.69	20.85	20.80	22.2	0
15	256QAM	36	20	20.75	20.84	20.85	20.78	20.94		
15	256QAM	36	39	20.87	20.74	20.78	21.12	21.01		
15	256QAM	75	0	20.89	20.89	20.85	20.76	20.79		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.58	20.97	21.04	20.86	20.96	22	0
10	QPSK	1	25	21.08	20.95	21.00	21.08	20.97		
10	QPSK	1	49	20.89	20.71	20.78	20.91	20.97		
10	QPSK	25	0	20.72	21.10	21.15	20.80	21.02	22.2	0
10	QPSK	25	12	20.93	21.11	20.91	20.98	20.90		
10	QPSK	25	25	20.98	20.79	20.88	20.85	21.08		
10	QPSK	50	0	20.77	21.02	21.12	20.96	20.98	22.2	0
10	16QAM	1	0	20.73	20.84	20.92	20.81	20.99		
10	16QAM	1	25	20.94	20.81	20.92	21.00	20.90		
10	16QAM	1	49	20.91	20.98	20.77	20.91	21.01		
10	16QAM	25	0	20.63	20.72	20.70	20.96	20.76	22.2	0
10	16QAM	25	12	20.89	20.63	20.77	20.87	20.85		
10	16QAM	25	25	20.92	20.81	20.71	20.83	20.80		
10	16QAM	50	0	20.54	20.63	20.87	20.88	20.83	22.2	0
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GSM850 Ant1 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.93	32.97	32.89	33.50	23.93	23.97	23.89	24.50
GPRS 1 Tx slot	32.96	33.04	32.91	33.50	23.96	24.04	23.91	24.50
GPRS 2 Tx slots	29.45	29.51	29.39	30.50	23.45	23.51	23.39	24.50
GPRS 3 Tx slots	27.75	27.78	27.69	29.00	23.49	23.52	23.43	24.74
GPRS 4 Tx slots	26.12	26.29	26.13	27.00	23.12	23.29	23.13	24.00
EDGE 1 Tx slot	25.21	25.34	25.33	26.00	16.21	16.34	16.33	17.00
EDGE 2 Tx slots	23.59	23.68	23.62	24.50	17.59	17.68	17.62	18.50
EDGE 3 Tx slots	22.40	22.47	22.37	23.50	18.14	18.21	18.11	19.24
EDGE 4 Tx slots	20.19	20.34	20.24	21.00	17.19	17.34	17.24	18.00

GSM1900 Ant1 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	26.69	26.74	26.60	27.00	17.69	17.74	17.60	18.00
GPRS 1 Tx slot	26.72	26.79	26.68	27.00	17.72	17.79	17.68	18.00
GPRS 2 Tx slots	22.45	22.49	22.41	24.00	16.45	16.49	16.41	18.00
GPRS 3 Tx slots	20.84	20.99	20.51	22.50	16.58	16.73	16.25	18.24
GPRS 4 Tx slots	20.33	20.42	20.46	20.50	17.33	17.42	17.46	17.50
EDGE 1 Tx slot	24.52	24.71	24.68	25.50	15.52	15.71	15.68	16.50
EDGE 2 Tx slots	22.96	23.08	23.00	24.00	16.96	17.08	17.00	18.00
EDGE 3 Tx slots	21.80	22.00	21.70	22.00	17.54	17.74	17.44	17.74
EDGE 4 Tx slots	19.70	19.83	19.76	21.00	16.70	16.83	16.76	18.00

WCDMA II Ant1 DSI5 / WCDMA IV Ant1 DSI5

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.33	16.43	16.34	17.40	17.20	17.39	17.33	18.50	21.43	21.40	21.55	22.60
3GPP Rel 99	RMC 12.2Kbps	16.51	16.53	16.42	17.40	17.42	17.45	17.36	18.50	21.59	21.60	21.57	22.60
3GPP Rel 6	HSDPA Subtest-1	15.43	15.60	15.31	16.40	16.38	16.49	16.33	17.50	20.51	20.60	20.50	21.60
3GPP Rel 6	HSDPA Subtest-2	15.62	15.49	15.40	16.40	16.38	16.52	16.35	17.50	20.53	20.55	20.68	21.60
3GPP Rel 6	HSDPA Subtest-3	15.10	15.08	15.02	15.90	15.85	15.99	15.77	17.00	20.09	20.08	20.18	21.10
3GPP Rel 6	HSDPA Subtest-4	15.12	15.03	15.01	15.90	16.01	15.87	15.86	17.00	20.02	20.21	20.01	21.10
3GPP Rel 8	DC-HSDPA Subtest-1	15.55	15.42	15.53	16.40	16.36	16.52	16.30	17.50	20.67	20.59	20.53	21.60
3GPP Rel 8	DC-HSDPA Subtest-2	15.55	15.49	15.45	16.40	16.52	16.39	16.35	17.50	20.47	20.50	20.67	21.60
3GPP Rel 8	DC-HSDPA Subtest-3	15.06	15.07	15.03	15.90	15.86	15.95	15.94	17.00	20.11	20.20	20.09	21.10
3GPP Rel 8	DC-HSDPA Subtest-4	15.10	15.12	15.02	15.90	15.92	15.88	15.93	17.00	20.17	20.01	19.99	21.10
3GPP Rel 6	HSUPA Subtest-1	15.62	15.50	15.31	16.40	16.33	16.47	16.36	17.50	20.54	20.72	20.65	21.60
3GPP Rel 6	HSUPA Subtest-2	13.55	13.44	13.46	14.40	14.39	14.52	14.39	15.50	18.56	18.51	18.67	19.60
3GPP Rel 6	HSUPA Subtest-3	14.58	14.53	14.39	15.40	15.34	15.37	15.26	16.50	19.60	19.63	19.67	20.60
3GPP Rel 6	HSUPA Subtest-4	13.56	13.61	13.38	14.40	14.47	14.52	14.29	15.50	18.51	18.68	18.64	19.60
3GPP Rel 6	HSUPA Subtest-5	15.47	15.43	15.35	16.40	16.36	16.52	16.48	17.50	20.65	20.54	20.65	21.60

Band 2 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.12	16.13	16.05	17	0
20	QPSK	1	49	16.12	15.99	15.95		
20	QPSK	1	99	16.08	15.96	16.02		
20	QPSK	50	0	16.01	16.11	15.98		
20	QPSK	50	24	16.00	15.85	15.83		
20	QPSK	50	50	16.00	15.77	16.04		
20	QPSK	100	0	16.02	16.05	15.90		
20	16QAM	1	0	15.97	15.80	15.83		
20	16QAM	1	49	15.79	15.86	15.89	17	0
20	16QAM	1	99	15.85	16.03	15.95		
20	16QAM	50	0	16.03	15.79	15.92		
20	16QAM	50	24	15.85	15.88	15.88		
20	16QAM	50	50	16.02	16.01	16.00		
20	16QAM	100	0	16.06	15.99	15.77		
20	64QAM	1	0	15.79	15.97	15.82		
20	64QAM	1	49	15.90	15.89	15.92	17	0
20	64QAM	1	99	16.08	15.94	15.77		
20	64QAM	50	0	15.82	15.93	16.00		
20	64QAM	50	24	15.91	15.91	15.92		
20	64QAM	50	50	16.07	15.78	15.92		
20	64QAM	100	0	15.94	15.94	15.82		
20	256QAM	1	0	15.94	16.05	15.88		
20	256QAM	1	49	15.98	15.88	15.78	17	0
20	256QAM	1	99	15.99	15.85	16.05		
20	256QAM	50	0	15.96	16.02	15.83		
20	256QAM	50	24	16.07	15.82	15.95	17	0
20	256QAM	50	50	15.94	15.96	15.96		
20	256QAM	100	0	15.94	16.03	15.86		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.07	16.11	15.92	17	0
15	QPSK	1	37	15.91	15.88	15.83		
15	QPSK	1	74	15.95	15.76	15.99		
15	QPSK	36	0	15.80	15.92	15.92		
15	QPSK	36	20	16.00	15.82	15.79		
15	QPSK	36	39	15.96	15.65	16.00		
15	QPSK	75	0	15.94	16.02	15.81		
15	16QAM	1	0	15.98	15.62	15.69	17	0
15	16QAM	1	37	15.75	15.70	15.73		
15	16QAM	1	74	15.86	15.95	15.74		
15	16QAM	36	0	15.95	15.65	15.78		
15	16QAM	36	20	15.72	15.68	15.86	17	0
15	16QAM	36	39	15.93	15.83	15.95		
15	16QAM	75	0	15.89	15.66	15.76		
15	64QAM	1	0	15.68	15.96	15.81		
15	64QAM	1	37	15.75	15.67	15.93	17	0
15	64QAM	1	74	15.88	15.86	15.59		
15	64QAM	36	0	15.79	15.81	15.99		
15	64QAM	36	20	15.70	15.75	15.91	17	0
15	64QAM	36	39	16.04	15.72	15.79		
15	64QAM	75	0	15.84	15.96	15.69		
15	256QAM	1	0	15.75	15.97	15.72	17	0
15	256QAM	1	37	15.98	15.81	15.81		
15	256QAM	1	74	16.00	15.80	16.01		
15	256QAM	36	0	15.86	15.92	15.71		
15	256QAM	36	20	16.02	15.65	15.81	17	0
15	256QAM	36	39	15.89	15.81	15.90		
15	256QAM	75	0	15.95	15.82	15.66		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.10	15.92	16.10	17	0
10	QPSK	1	25	16.04	15.81	15.89		
10	QPSK	1	49	15.88	15.81	15.81		
10	QPSK	25	0	15.90	16.04	15.76		
10	QPSK	25	12	15.93	15.82	15.84		
10	QPSK	25	25	15.87	15.57	15.86		
10	QPSK	50	0	16.01	15.97	15.73		
10	16QAM	1	0	15.84	15.72	15.81		
10	16QAM	1	25	15.71	15.79	15.90	17	0
10	16QAM	1	49	15.65	15.82	15.91		
10	16QAM	25	0	15.95	15.57	15.77		
10	16QAM	25	12	15.84	15.72	15.83		
10	16QAM	25	25	16.00	15.87	15.80		
10	16QAM	50	0	16.06	16.00	15.63		
10	64QAM	1	0	15.71	15.77	15.79		
10	64QAM	1	25	15.72	15.90	15.77	17	0
10	64QAM	1	49	15.97	15.82	15.72		
10	64QAM	25	0	15.80	15.78	16.01		
10	64QAM	25	12	15.77	15.86	15.73	17	0
10	64QAM	25	25	15.90	15.59	15.72		
10	64QAM	50	0	15.76	15.83	15.83		
10	256QAM	1	0	15.91	15.96	15.86		
10	256QAM	1	25	15.97	15.86	15.64	17	0
10	256QAM	1	49	16.00	15.65	15.96		
10	256QAM	25	0	15.80	15.87	15.85		
10	256QAM	25	12	15.91	15.81	15.74	17	0
10	256QAM	25	25	15.85	15.77	15.84		
10	256QAM	50	0	15.76	15.98	15.68		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.02	16.03	15.89	17	0
5	QPSK	1	12	15.92	15.78	15.80		
5	QPSK	1	24	15.93	15.90	16.04		
5	QPSK	12	0	15.80	15.94	15.82		
5	QPSK	12	7	15.89	15.80	15.65		
5	QPSK	12	13	15.91	15.66	15.85		
5	QPSK	25	0	15.98	16.05	15.84		
5	16QAM	1	0	15.91	15.72	15.77		
5	16QAM	1	12	15.65	15.82	15.86	17	0
5	16QAM	1	24	15.75	16.04	15.84		
5	16QAM	12	0	15.90	15.72	15.72		
5	16QAM	12	7	15.75	15.69	15.67	17	0
5	16QAM	12	13	16.03	15.85	16.02		
5	16QAM	25	0	16.05	15.82	15.70		
5	64QAM	1	0	15.61	15.90	15.66	17	0
5	64QAM	1	12	15.91	15.76	15.88		
5	64QAM	1	24	16.03	15.76	15.61		
5	64QAM	12	0	15.66	15.72	16.00		
5	64QAM	12	7	15.88	15.72	15.74	17	0
5	64QAM	12	13	16.05	15.65	15.82		
5	64QAM	25	0	15.77	15.78	15.94		
5	256QAM	1	0	15.79	16.03	15.83		
5	256QAM	1	12	15.81	15.79	15.70	17	0
5	256QAM	1	24	15.98	15.80	15.93		
5	256QAM	12	0	15.76	15.86	15.78		
5	256QAM	12	7	15.92	15.65	15.85	17	0
5	256QAM	12	13	15.95	15.75	15.81		
5	256QAM	25	0	15.83	15.95	15.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.97	16.04	16.03	17	0
3	QPSK	1	8	16.09	15.90	15.83		
3	QPSK	1	14	15.85	15.75	15.88		
3	QPSK	8	0	15.91	16.00	15.84		
3	QPSK	8	4	15.81	15.76	15.69		
3	QPSK	8	7	15.85	15.70	15.92		
3	QPSK	15	0	15.85	15.96	15.82		
3	16QAM	1	0	15.80	15.60	15.71		
3	16QAM	1	8	15.59	15.64	15.77	17	0
3	16QAM	1	14	15.77	15.85	15.77		
3	16QAM	8	0	16.01	15.57	15.80		
3	16QAM	8	4	15.77	15.72	15.89		
3	16QAM	8	7	15.88	15.81	15.82		
3	16QAM	15	0	16.08	15.97	15.68		
3	64QAM	1	0	15.59	15.93	15.64		
3	64QAM	1	8	15.71	15.88	15.87	17	0
3	64QAM	1	14	16.03	15.77	15.73		
3	64QAM	8	0	15.74	15.81	15.88		
3	64QAM	8	4	15.90	15.84	15.87	17	0
3	64QAM	8	7	16.01	15.57	15.94		
3	64QAM	15	0	15.87	15.92	15.61		
3	256QAM	1	0	15.76	15.85	15.83		
3	256QAM	1	8	15.86	15.84	15.71	17	0
3	256QAM	1	14	16.01	15.85	16.03		
3	256QAM	8	0	15.98	15.97	15.81		
3	256QAM	8	4	15.95	15.69	15.75	17	0
3	256QAM	8	7	15.91	15.98	15.80		
3	256QAM	15	0	15.81	15.97	15.71		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.12	16.04	15.88	17	0
1.4	QPSK	1	3	15.92	15.99	15.84		
1.4	QPSK	1	5	15.95	15.77	15.90		
1.4	QPSK	3	0	15.92	15.91	15.81		
1.4	QPSK	3	1	15.80	15.87	15.74		
1.4	QPSK	3	3	15.82	15.58	15.99		
1.4	QPSK	6	0	15.81	15.94	15.88	17	0
1.4	16QAM	1	0	15.80	15.68	15.83	17	0
1.4	16QAM	1	3	15.70	15.81	15.78		
1.4	16QAM	1	5	15.70	16.02	15.74		
1.4	16QAM	3	0	15.89	15.63	15.93		
1.4	16QAM	3	1	15.74	15.89	15.86		
1.4	16QAM	3	3	15.91	16.02	15.80		
1.4	16QAM	6	0	16.00	15.92	15.72	17	0
1.4	64QAM	1	0	15.61	15.78	15.74	17	0
1.4	64QAM	1	3	15.75	15.90	15.72		
1.4	64QAM	1	5	15.95	15.88	15.76		
1.4	64QAM	3	0	15.83	15.77	15.98		
1.4	64QAM	3	1	15.75	15.93	15.78		
1.4	64QAM	3	3	16.09	15.74	15.91		
1.4	64QAM	6	0	15.80	15.77	15.80	17	0
1.4	256QAM	1	0	15.82	15.85	15.76	17	0
1.4	256QAM	1	3	15.87	15.84	15.77		
1.4	256QAM	1	5	15.85	15.71	15.87		
1.4	256QAM	3	0	15.74	15.88	15.81		
1.4	256QAM	3	1	15.88	15.81	15.79		
1.4	256QAM	3	3	15.78	15.80	15.94		
1.4	256QAM	6	0	15.83	15.89	15.86	17	0

Band 4 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.09	16.12	15.95	17.7	0
20	QPSK	1	49	15.96	16.08	15.80		
20	QPSK	1	99	15.96	16.07	15.89		
20	QPSK	50	0	16.09	16.10	15.78		
20	QPSK	50	24	15.75	15.93	15.85	17.7	0
20	QPSK	50	50	15.77	16.07	16.02		
20	QPSK	100	0	16.04	16.08	15.89		
20	16QAM	1	0	15.83	15.96	15.78		
20	16QAM	1	49	15.92	15.94	15.81	17.7	0
20	16QAM	1	99	15.93	15.97	15.78		
20	16QAM	50	0	15.96	16.07	15.72		
20	16QAM	50	24	15.87	16.04	15.72	17.7	0
20	16QAM	50	50	16.10	16.04	15.90		
20	16QAM	100	0	15.77	16.10	15.81		
20	64QAM	1	0	15.74	16.00	15.75		
20	64QAM	1	49	15.89	15.86	15.87	17.7	0
20	64QAM	1	99	15.89	15.94	15.80		
20	64QAM	50	0	15.81	15.99	15.84		
20	64QAM	50	24	16.11	16.03	15.71	17.7	0
20	64QAM	50	50	15.87	15.97	15.78		
20	64QAM	100	0	15.92	16.08	15.84		
20	256QAM	1	0	16.07	15.99	15.71		
20	256QAM	1	49	15.79	16.03	15.73	17.7	0
20	256QAM	1	99	15.86	16.08	15.72		
20	256QAM	50	0	15.89	16.09	15.78		
20	256QAM	50	24	15.83	16.09	16.02	17.7	0
20	256QAM	50	50	15.94	15.92	15.86		
20	256QAM	100	0	16.10	16.05	15.71		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.10	15.97	15.83	17.7	0
15	QPSK	1	37	15.82	15.90	15.86		
15	QPSK	1	74	15.93	15.95	15.88		
15	QPSK	36	0	16.00	16.08	15.90		
15	QPSK	36	20	15.89	15.76	15.86	17.7	0
15	QPSK	36	39	15.98	15.98	16.02		
15	QPSK	75	0	15.84	16.04	15.82		
15	16QAM	1	0	15.80	15.83	16.09		
15	16QAM	1	37	15.87	15.89	15.75	17.7	0
15	16QAM	1	74	15.90	15.83	16.06		
15	16QAM	36	0	15.73	15.95	15.73		
15	16QAM	36	20	15.76	15.93	16.10	17.7	0
15	16QAM	36	39	15.95	15.95	15.83		
15	16QAM	75	0	16.05	16.10	15.80		
15	64QAM	1	0	15.97	15.83	15.76		
15	64QAM	1	37	15.74	15.84	15.88	17.7	0
15	64QAM	1	74	15.70	15.81	15.98		
15	64QAM	36	0	15.75	15.82	15.71		
15	64QAM	36	20	16.09	15.86	15.94	17.7	0
15	64QAM	36	39	15.85	15.92	16.01		
15	64QAM	75	0	15.93	15.96	15.81		
15	256QAM	1	0	15.87	15.84	16.06		
15	256QAM	1	37	16.00	15.83	16.04	17.7	0
15	256QAM	1	74	16.01	15.91	16.10		
15	256QAM	36	0	15.90	16.08	15.98		
15	256QAM	36	20	15.95	15.98	15.90	17.7	0
15	256QAM	36	39	15.77	15.86	15.78		
15	256QAM	75	0	16.10	15.93	15.73		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.09	15.95	15.81	17.7	0
10	QPSK	1	25	15.95	16.04	15.77		
10	QPSK	1	49	15.90	15.96	16.08		
10	QPSK	25	0	15.99	16.06	16.10		
10	QPSK	25	12	16.00	15.86	16.08	17.7	0
10	QPSK	25	25	16.03	16.04	15.84		
10	QPSK	50	0	16.00	16.08	15.81		
10	16QAM	1	0	15.76	15.91	15.98		
10	16QAM	1	25	15.86	15.76	15.98	17.7	0
10	16QAM	1	49	15.82	15.94	15.88		
10	16QAM	25	0	15.95	16.00	16.06		
10	16QAM	25	12	15.86	15.86	15.91	17.7	0
10	16QAM	25	25	15.95	15.94	15.74		
10	16QAM	50	0	15.95	16.02	15.80		
10	64QAM	1	0	16.06	15.93	15.70		
10	64QAM	1	25	15.74	15.87	15.86	17.7	0
10	64QAM	1	49	15.80	15.92	16.03		
10	64QAM	25	0	15.94	15.93	16.06		
10	64QAM	25	12	16.03	15.85	15.89	17.7	0
10	64QAM	25	25	15.82	15.98	15.71		
10	64QAM	50	0	15.90	16.06	15.81		
10	256QAM	1	0	16.09	15.87	15.99		
10	256QAM	1	25	15.74	15.88	15.75	17.7	0
10	256QAM	1	49	15.82	15.89	15.71		
10	256QAM	25	0	15.84	16.07	15.73		
10	256QAM	25	12	15.76	15.93	15.82	17.7	0
10	256QAM	25	25	15.87	15.88	15.77		
10	256QAM	50	0	16.01	15.95	15.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.07	16.09	15.92	17.7	0
5	QPSK	1	12	15.83	15.86	16.04		
5	QPSK	1	24	15.95	15.96	15.74		
5	QPSK	12	0	16.08	15.99	15.98		
5	QPSK	12	7	15.87	15.82	15.83	17.7	0
5	QPSK	12	13	15.78	15.96	15.87		
5	QPSK	25	0	15.91	15.93	15.78		
5	16QAM	1	0	15.76	15.76	15.79		
5	16QAM	1	12	15.86	15.86	15.92	17.7	0
5	16QAM	1	24	15.71	15.98	15.94		
5	16QAM	12	0	15.76	16.03	16.03		
5	16QAM	12	7	15.76	16.04	16.00	17.7	0
5	16QAM	12	13	15.94	16.03	15.86		
5	16QAM	25	0	15.87	16.09	15.70		
5	64QAM	1	0	15.71	15.94	15.95		
5	64QAM	1	12	15.83	15.73	15.81	17.7	0
5	64QAM	1	24	15.78	15.91	15.87		
5	64QAM	12	0	16.10	15.83	15.84		
5	64QAM	12	7	15.89	16.02	15.71	17.7	0
5	64QAM	12	13	15.83	15.97	15.79		
5	64QAM	25	0	15.88	16.10	15.70		
5	256QAM	1	0	16.06	15.90	15.70		
5	256QAM	1	12	15.72	15.87	15.97	17.7	0
5	256QAM	1	24	15.70	15.94	16.09		
5	256QAM	12	0	15.89	16.04	15.79		
5	256QAM	12	7	16.00	15.88	16.00	17.7	0
5	256QAM	12	13	15.84	15.77	16.05		
5	256QAM	25	0	16.07	15.98	16.02		
Channel				19950	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.96	15.97	15.96	17.7	0
3	QPSK	1	8	15.87	15.94	16.03		
3	QPSK	1	14	15.77	16.05	15.91		
3	QPSK	8	0	15.92	15.91	15.86	17.7	0
3	QPSK	8	4	16.02	15.80	15.72		
3	QPSK	8	7	15.97	15.96	15.93		
3	QPSK	15	0	16.08	15.97	15.71		
3	16QAM	1	0	15.93	15.97	15.78		
3	16QAM	1	8	15.94	15.92	15.76	17.7	0
3	16QAM	1	14	15.79	15.86	16.08		
3	16QAM	8	0	15.75	15.93	15.89		
3	16QAM	8	4	15.83	15.95	16.09	17.7	0
3	16QAM	8	7	16.04	15.99	15.89		
3	16QAM	15	0	15.70	16.08	16.05		
3	64QAM	1	0	15.81	16.01	16.02		
3	64QAM	1	8	15.77	15.77	16.04	17.7	0
3	64QAM	1	14	15.83	15.87	15.78		
3	64QAM	8	0	15.74	15.89	15.84		
3	64QAM	8	4	15.90	15.87	15.98	17.7	0
3	64QAM	8	7	15.91	15.86	16.03		
3	64QAM	15	0	15.79	16.06	15.78		
3	256QAM	1	0	15.90	15.87	15.89		
3	256QAM	1	8	15.77	15.98	16.10	17.7	0
3	256QAM	1	14	15.97	15.92	15.95		
3	256QAM	8	0	15.81	15.96	15.93		
3	256QAM	8	4	15.74	15.98	15.82	17.7	0
3	256QAM	8	7	15.94	15.83	15.84		
3	256QAM	15	0	15.86	15.72	15.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.95	15.94	15.83	17.7	0
1.4	QPSK	1	3	15.81	15.93	15.77		
1.4	QPSK	1	5	15.84	15.90	15.84		
1.4	QPSK	3	0	15.94	16.06	15.90		
1.4	QPSK	3	1	16.07	15.86	15.86		
1.4	QPSK	3	3	15.78	16.01	16.01		
1.4	QPSK	6	0	15.85	15.98	15.70	17.7	0
1.4	16QAM	1	0	15.78	15.84	15.92	17.7	0
1.4	16QAM	1	3	15.81	15.93	15.72		
1.4	16QAM	1	5	15.88	15.97	15.90		
1.4	16QAM	3	0	15.82	15.89	15.73		
1.4	16QAM	3	1	15.97	16.02	16.01		
1.4	16QAM	3	3	15.97	15.99	15.88		
1.4	16QAM	6	0	15.71	16.06	15.81	17.7	0
1.4	64QAM	1	0	15.80	15.81	16.03	17.7	0
1.4	64QAM	1	3	15.80	15.71	15.83		
1.4	64QAM	1	5	15.76	15.86	15.71		
1.4	64QAM	3	0	15.82	15.87	16.04		
1.4	64QAM	3	1	16.07	15.85	15.71		
1.4	64QAM	3	3	15.74	15.97	15.79		
1.4	64QAM	6	0	15.79	16.06	15.79	17.7	0
1.4	256QAM	1	0	16.06	15.97	15.88	17.7	0
1.4	256QAM	1	3	16.03	15.91	15.87		
1.4	256QAM	1	5	15.88	16.03	16.07		
1.4	256QAM	3	0	15.79	15.93	16.08		
1.4	256QAM	3	1	15.85	15.90	16.01		
1.4	256QAM	3	3	15.96	15.79	15.89		
1.4	256QAM	6	0	15.95	15.98	15.97	17.7	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	22.55	22.61	22.51	24	0
10	QPSK	1	25	22.32	22.43	22.29		
10	QPSK	1	49	22.46	22.60	22.44		
10	QPSK	25	0	22.49	22.57	22.45		
10	QPSK	25	12	22.39	22.54	22.30	24	0
10	QPSK	25	25	22.56	22.47	22.26		
10	QPSK	50	0	22.42	22.50	22.39		
10	16QAM	1	0	22.34	22.46	22.41		
10	16QAM	1	25	22.40	22.54	22.35	24	0
10	16QAM	1	49	22.20	22.32	22.28		
10	16QAM	25	0	21.66	21.60	21.77		
10	16QAM	25	12	21.57	21.73	21.72	23	1
10	16QAM	25	25	21.71	21.70	21.67		
10

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	22.38	22.48	22.39		
10	QPSK	1	25	22.27	22.42	22.18	24	0
10	QPSK	1	49	22.25	22.42	22.28		
10	QPSK	25	0	22.39	22.47	22.34		
10	QPSK	25	12	22.29	22.45	22.20	24	0
10	QPSK	25	25	22.36	22.30	22.08		
10	QPSK	50	0	22.39	22.43	22.27		
10	16QAM	1	0	22.25	22.39	22.24		
10	16QAM	1	25	22.31	22.34	22.23	24	0
10	16QAM	1	49	22.08	22.24	22.24		
10	16QAM	25	0	21.54	21.54	21.67		
10	16QAM	25	12	21.47	21.66	21.58	23	1
10	16QAM	25	25	21.66	21.57	21.49		
10	16QAM	50	0	21.56	21.64	21.48		
10	64QAM	1	0	21.44	21.42	21.61		
10	64QAM	1	25	21.47	21.62	21.51	23	1
10	64QAM	1	49	21.46	21.46	21.56		
10	64QAM	25	0	20.41	20.47	20.58		
10	64QAM	25	12	20.49	20.59	20.56	22	2
10	64QAM	25	25	20.40	20.45	20.59		
10	64QAM	50	0	20.45	20.57	20.52		
10	256QAM	1	0	18.56	18.68	18.56		
10	256QAM	1	25	18.55	18.63	18.57	20	4
10	256QAM	1	49	18.59	18.63	18.67		
10	256QAM	25	0	18.61	18.66	18.58		
10	256QAM	25	12	18.66	18.48	18.48	20	4
10	256QAM	25	25	18.49	18.57	18.64		
10	256QAM	50	0	18.51	18.46	18.61		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.37	22.33	22.38		
5	QPSK	1	12	22.03	22.25	22.15	24	0
5	QPSK	1	24	22.17	22.32	22.24		
5	QPSK	12	0	22.29	22.46	22.27		
5	QPSK	12	7	22.18	22.33	22.29	24	0
5	QPSK	12	13	22.42	22.18	22.29		
5	QPSK	25	0	22.21	22.28	22.21		
5	16QAM	1	0	22.18	22.26	22.27		
5	16QAM	1	12	22.27	22.40	22.09	24	0
5	16QAM	1	24	22.03	22.07	22.02		
5	16QAM	12	0	21.46	21.56	21.48		
5	16QAM	12	7	21.43	21.53	21.48	23	1
5	16QAM	12	13	21.38	21.38	21.56		
5	16QAM	25	0	21.49	21.55	21.47		
5	64QAM	1	0	21.50	21.33	21.34		
5	64QAM	1	12	21.39	21.47	21.47	23	1
5	64QAM	1	24	21.45	21.42	21.46		
5	64QAM	12	0	20.43	20.40	20.38		
5	64QAM	12	7	20.30	20.30	20.45	22	2
5	64QAM	12	13	20.36	20.31	20.34		
5	64QAM	25	0	20.45	20.41	20.48		
5	256QAM	1	0	18.61	18.57	18.45		
5	256QAM	1	12	18.49	18.47	18.52	20	4
5	256QAM	1	24	18.52	18.55	18.64		
5	256QAM	12	0	18.47	18.47	18.39		
5	256QAM	12	7	18.50	18.48	18.46	20	4
5	256QAM	12	13	18.46	18.39	18.48		
5	256QAM	25	0	18.55	18.45	18.41		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.42	22.41	22.29		
3	QPSK	1	8	22.13	22.33	22.01	24	0
3	QPSK	1	14	22.15	22.34	22.20		
3	QPSK	8	0	22.23	22.27	22.26		
3	QPSK	8	4	22.18	22.33	22.05	24	0
3	QPSK	8	7	22.40	22.33	22.26		
3	QPSK	15	0	22.24	22.28	22.13		
3	16QAM	1	0	22.10	22.19	22.19		
3	16QAM	1	8	22.25	22.42	22.16	24	0
3	16QAM	1	14	22.09	22.12	22.07		
3	16QAM	8	0	21.53	21.57	21.57		
3	16QAM	8	4	21.52	21.39	21.48	23	1
3	16QAM	8	7	21.54	21.43	21.42		
3	16QAM	15	0	21.45	21.43	21.49		
3	64QAM	1	0	21.44	21.41	21.43		
3	64QAM	1	8	21.45	21.46	21.34	23	1
3	64QAM	1	14	21.37	21.41	21.49		
3	64QAM	8	0	20.30	20.47	20.39		
3	64QAM	8	4	20.38	20.46	20.34	22	2
3	64QAM	8	7	20.35	20.46	20.31		
3	64QAM	15	0	20.45	20.30	20.35		
3	256QAM	1	0	18.53	18.60	18.49		
3	256QAM	1	8	18.48	18.49	18.50	20	4
3	256QAM	1	14	18.48	18.61	18.62		
3	256QAM	8	0	18.42	18.51	18.37		
3	256QAM	8	4	18.44	18.56	18.47	20	4
3	256QAM	8	7	18.54	18.38	18.55		
3	256QAM	15	0	18.48	18.44	18.56		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.40	22.32	22.38		
1.4	QPSK	1	3	22.18	22.26	22.12		
1.4	QPSK	1	5	22.21	22.41	22.15	24	0
1.4	QPSK	3	0	22.22	22.31	22.18		
1.4	QPSK	3	1	22.12	22.43	22.11		
1.4	QPSK	3	3	22.31	22.25	22.04		
1.4	QPSK	6	0	22.15	22.29	22.25	24	0
1.4	16QAM	1	0	22.07	22.27	22.19		
1.4	16QAM	1	3	22.30	22.34	22.18		
1.4	16QAM	1	5	22.18	22.16	22.04	24	0
1.4	16QAM	3	0	22.13	22.31	22.19		
1.4	16QAM	3	1	22.29	22.40	22.18		
1.4	16QAM	3	3	22.06	22.21	22.18		
1.4	16QAM	6	0	21.38	21.43	21.48	23	1
1.4	64QAM	1	0	21.43	21.40	21.43		
1.4	64QAM	1	3	21.48	21.38	21.54		
1.4	64QAM	1	5	21.55	21.43	21.43	23	1
1.4	64QAM	3	0	21.51	21.51	21.37		
1.4	64QAM	3	1	21.45	21.40	21.42		
1.4	64QAM	3	3	21.44	21.47	21.36		
1.4	64QAM	6	0	20.37	20.43	20.42	22	2
1.4	256QAM	1	0	18.60	18.60	18.54		
1.4	256QAM	1	3	18.47	18.46	18.59		
1.4	256QAM	1	5	18.46	18.44	18.47	20	4
1.4	256QAM	3	0	18.54	18.44	18.52		
1.4	256QAM	3	1	18.46	18.40	18.44		
1.4	256QAM	3	3	18.47	18.44	18.50		
1.4	256QAM	6	0	18.46	18.50	18.51	20	4

Band 13 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.45			
10	QPSK	1	25		22.36		23.4	0
10	QPSK	1	49		22.35			
10	QPSK	25	0		22.39			
10	QPSK	25	12		22.34		23.4	0
10	QPSK	25	25		22.38			
10	QPSK	50	0		22.33			
10	16QAM	1	0		22.18			
10	16QAM	1	25		22.37		23.4	0
10	16QAM	1	49		22.28			
10	16QAM	25	0		22.19			
10	16QAM	25	12		22.28		23.4	0
10	16QAM	25	25		22.30			
10	16QAM	50	0		22.15			
10	64QAM	1	0		22.15			
10	64QAM	1	25		22.30		23.4	0
10	64QAM	1	49		22.15			
10	64QAM	25	0		21.35			
10	64QAM	25	12		21.26		22.4	1
10	64QAM	25	25		21.20			
10	64QAM	50	0		21.39			
10	256QAM	1	0		19.23			
10	256QAM	1	25		19.32		20.4	3
10	256QAM	1	49		19.31			
10	256QAM	25	0		19.14			
10	256QAM	25	12		19.06		20.4	3
10	256QAM	25	25		19.19			
10	256QAM	50	0		19.15			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.33	22.43	22.32		
5	QPSK	1	12	22.34	22.31	22.36	23.4	0
5	QPSK	1	24	22.31	22.26	22.30		
5	QPSK	12	0	22.32	22.30	22.25		
5	QPSK	12	7	22.38	22.30	22.37	23.4	0
5	QPSK	12	13	22.26	22.28	22.34		
5	QPSK	25	0	22.32	22.26	22.22		
5	16QAM	1	0	22.08	22.24	22.13		
5	16QAM	1	12	22.10	22.20	22.17	23.4	0
5	16QAM	1	24	22.09	22.19	22.18		
5	16QAM	12	0	22.07	22.06	22.05		
5	16QAM	12	7	22.18	22.09	22.05	23.4	0
5	16QAM	12	13	22.12	22.11	22.04		
5	16QAM	25	0	22.11	22.22	22.07		
5	64QAM	1	0	22.03	22.07	22.05		
5	64QAM	1	12	22.07	22.16	22.12	23.4	0
5	64QAM	1	24	22.04	22.18	22.15		
5	64QAM	12	0	21.22	21.14	21.13		
5	64QAM	12	7	21.11	21.14	21.16	22.4	1
5	64QAM	12	13	21.29	21.18	21.20		
5	64QAM	25	0	21.15	21.23	21.14		
5	256QAM	1	0	19.13	19.22	19.20		
5	256QAM	1	12	19.11	19.24	19.06	20.4	3
5	256QAM	1	24	19.24	19.14	19.17		
5	256QAM	12	0	19.00	19.08	19.03		
5	256QAM	12	7	19.04	19.12	19.06	20.4	3
5	256QAM	12	13	19.02	19.12	19.04		
5	256QAM	25	0	19.10	19.08	19.00		

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	22.35	22.42	22.39		
10	QPSK	1	25	22.32	22.39	22.33	24	0
10	QPSK	1	49	22.33	22.34	22.32		
10	QPSK	25	0	22.34	22.37	22.36		
10	QPSK	25	12	22.29	22.27	22.33	24	0
10	QPSK	25	25	22.32	22.32	22.27		
10	QPSK	50	0	22.26	22.32	22.26		
10	16QAM	1	0	22.26	22.27	22.21		
10	16QAM	1	25	22.26	22.20	22.32	24	0
10	16QAM	1	49	22.25	22.27	22.22		
10	16QAM	25	0	21.61	21.68	21.70		
10	16QAM	25	12	21.54	21.55	21.68	23	1
10	16QAM	25	25	21.56	21.59	21.71		
10	16QAM	50	0	21.70	21.71	21.55		
10	64QAM	1	0	21.78	21.74	21.62		
10	64QAM	1	25	21.73	21.80	21.76	23	1
10	64QAM	1	49	21.69	21.76	21.72		
10	64QAM	25	0	20.57	20.54	20.57		
10	64QAM	25	12	20.59	20.56	20.53	22	2
10	64QAM	25	25	20.53	20.47	20.49		
10	64QAM	50	0	20.56	20.55	20.52		
10	256QAM	1	0	18.69	18.60	18.60		
10	256QAM	1	25	18.72	18.71	18.72	20	4
10	256QAM	1	49	18.74	18.65	18.65		
10	256QAM	25	0	18.59	18.56	18.63		
10	256QAM	25	12	18.52	18.62	18.61	20	4
10	256QAM	25	25	18.69	18.67	18.67		
10	256QAM	50	0	18.52	18.59	18.64		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.35	22.41	22.28		
5	QPSK	1	12	22.33	22.29	22.28	24	0
5	QPSK	1	24	22.27	22.29	22.38		
5	QPSK	12	0	22.24	22.25	22.31		
5	QPSK	12	7	22.23	22.27	22.35	24	0
5	QPSK	12	13	22.25	22.29	22.34		
5	QPSK	25	0	22.25	22.18	22.14		
5	16QAM	1	0	22.22	22.18	22.10		
5	16QAM	1	12	22.21	22.24	22.15	24	0
5	16QAM	1	24	22.25	22.10	22.20		
5	16QAM	12	0	21.58	21.51	21.48		
5	16QAM	12	7	21.46	21.61	21.61	23	1
5	16QAM	12	13	21.61	21.57	21.62		
5	16QAM	25	0	21.62	21.43	21.47		
5	64QAM	1	0	21.57	21.59	21.51		
5	64QAM	1	12	21.60	21.58	21.53	23	1
5	64QAM	1	24	21.52	21.61	21.68		
5	64QAM	12	0	20.56	20.48	20.44		
5	64QAM	12	7	20.36	20.54	20.55	22	2
5	64QAM	12	13	20.51	20.37	20.41		
5	64QAM	25	0	20.38	20.41	20.41		
5	256QAM	1	0	18.52	18.60	18.54		
5	256QAM	1	12	18.65	18.58	18.52	20	4
5	256QAM	1	24	18.59	18.50	18.52		
5	256QAM	12	0	18.54	18.50	18.55		
5	256QAM	12	7	18.57	18.58	18.51	20	4
5	256QAM	12	13	18.50	18.41	18.53		
5	256QAM	25	0	18.51	18.59	18.50		

Band 25 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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	16.12	16.20	16.10		
20	QPSK	1	49	15.93	15.99	15.93	17	0
20	QPSK	1	99	16.03	16.13	15.93		
20	QPSK	50	0	15.96	16.19	16.11		
20	QPSK	50	24	15.91	15.79	15.89	17	0
20	QPSK	50	50	15.87	16.15	15.86		
20	QPSK	100	0	15.96	16.13	16.01		
20	16QAM	1	0	15.80	15.88	15.92		
20	16QAM	1	49	15.98	16.04	15.90	17	0
20	16QAM	1	99	15.86	15.99	16.03		
20	16QAM	50	0	15.76	15.93	15.73		
20	16QAM	50	24	15.95	16.12	15.89	17	0
20	16QAM	50	50	15.84	16.03	16.06		
20	16QAM	100	0	15.84	15.89	15.95		
20	64QAM	1	0	16.00	16.09	15.75		
20	64QAM	1	49	15.92	16.02	15.90	17	0
20	64QAM	1	99	15.83	15.95	15.85		
20	64QAM	50	0	15.85	16.10	15.83		
20	64QAM	50	24	15.88	16.15	16.05	17	0
20	64QAM	50	50	15.90	15.77	15.93		
20	64QAM	100	0	15.88	15.99	15.72		
20	256QAM	1	0	15.80	16.12	16.00		
20	256QAM	1	49	15.72	15.92	15.82	17	0
20	256QAM	1	99	16.02	16.08	15.82		
20	256QAM	50	0	15.82	16.06	16.06		
20	256QAM	50	24	15.72	15.90	15.94	17	0
20	256QAM	50	50	16.03	16.04	15.78		
20	256QAM	100	0	15.91	16.18	15.92		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.08	16.18	15.96		
15	QPSK	1	37	15.93	15.79	15.92	17	0
15	QPSK	1	74	15.82	16.10	15.82		
15	QPSK	36	0	15.75	16.10	15.91		
15	QPSK	36	20	15.92	15.65	15.73	17	0
15	QPSK	36	39	15.68	16.12	15.73		
15	QPSK	75	0	15.91	16.12	16.01		
15	16QAM	1	0	15.69	15.72	15.94		
15	16QAM	1	37	15.78	15.91	15.81	17	0
15	16QAM	1	74	15.88	15.98	15.95		
15	16QAM	36	0	15.93	15.79	15.72		
15	16QAM	36	20	15.89	16.16	15.84	17	0
15	16QAM	36	39	15.78	16.00	15.96		
15	16QAM	75	0	16.83	15.85	15.91		
15	64QAM	1	0	16.01	15.90	15.76		
15	64QAM	1	37	15.77	15.85	15.75	17	0
15	64QAM	1	74	15.78	15.80	15.68		
15	64QAM	36	0	15.85	16.03	15.66		
15	64QAM	36	20	15.86	16.07	15.86	17	0
15	64QAM	36	39	15.77	15.72	15.77		
15	64QAM	75	0	15.90	15.95	15.52		
15	256QAM	1	0	15.71	15.98	16.00		
15	256QAM	1	37	15.73	15.85	15.64	17	0
15	256QAM	1	74	15.88	15.98	15.76		
15	256QAM	36	0	15.76	15.88	15.74		
15	256QAM	36	20	15.90	16.11	15.77	17	0
15	256QAM	36	39	15.92	16.06	16.10		
15	256QAM	75	0	15.86	16.14	15.78		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.96	16.05	16.10		
10	QPSK	1	25	15.77	15.95	15.84	17	0
10	QPSK	1	49	15.95	15.99	15.75		
10	QPSK	25	0	15.86	15.99	15.90		
10	QPSK	25	12	15.77	15.65	15.73	17	0
10	QPSK	25	25	15.84	16.00	15.69		
10	QPSK	50	0	15.83	16.07	15.97		
10	16QAM	1	0	15.78	15.77	15.79		
10	16QAM	1	25	15.96	15.99	15.74	17	0
10	16QAM	1	49	15.68	16.00	16.00		
10	16QAM	25	0	15.75	15.89	15.67		
10	16QAM	25	12	15.86	15.92	15.67	17	0
10	16QAM	25	25	15.82	15.99	16.07		
10	16QAM	50	0	15.81	15.91	15.81		
10	64QAM	1	0	15.95	15.93	15.71		
10	64QAM	1	25	15.89	15.96	15.70	17	0
10	64QAM	1	49	15.74	15.92	15.84		
10	64QAM	25	0	15.72	15.95	15.80		
10	64QAM	25	12	15.69	15.96	16.05	17	0
10	64QAM	25	25	15.73	15.73	15.73		
10	64QAM	50	0	15.77	15.85	15.65		
10	256QAM	1	0	15.74	16.07	15.88		
10	256QAM	1	25	15.70	15.84	15.68	17	0
10	256QAM	1	49	16.00	16.01	15.61		
10	256QAM	25	0	15.64	16.05	16.02		
10	256QAM	25	12	15.57	15.84	15.76	17	0
10	256QAM	25	25	16.04	15.93	15.61		
10	256QAM	50	0	15.87	16.12	15.74		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.00	16.12	16.06		
5	QPSK	1	12	15.82	15.78	15.78	17	0
5	QPSK	1	24	16.02	16.06	15.83		
5	QPSK	12	0	15.94	16.04	16.09		
5	QPSK	12	7	15.71	15.80	15.75	17	0
5	QPSK	12	13	15.88	16.17	15.87		
5	QPSK	25	0	15.82	16.10	15.81		
5	16QAM	1	0	15.81	15.78	15.81		
5	16QAM	1	12	15.84	16.04	15.81	17	0
5	16QAM	1	24	15.70	15.99	15.86		
5	16QAM	12	0	15.55	15.93	15.69		
5	16QAM	12	7	15.77	15.98	15.85	17	0
5	16QAM	12	13	15.83	15.88	15.88		
5	16QAM	25	0	15.72	15.69	15.87		
5	64QAM	1	0	15.79	15.95	15.77		
5	64QAM	1	12	15.83	15.92	15.86	17	0
5	64QAM	1	24	15.72	15.84	15.70		
5	64QAM	12	0	15.66	15.92	15.82		
5	64QAM	12	7	15.80	16.11	15.99	17	0
5	64QAM	12	13	15.83	15.73	15.71		
5	64QAM	25	0	15.78	15.81	15.68		
5	256QAM	1	0	15.65	15.97	15.96		
5	256QAM	1	12	15.63	15.81	15.60	17	0
5	256QAM	1	24	15.91	15.93	15.67		
5	256QAM	12	0	15.81	15.98	15.93		
5	256QAM	12	7	16.05	16.00	15.81	17	0
5	256QAM	12	13	15.78	16.19	15.99		
5	256QAM	25	0	15.70	16.05	15.85		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.92	16.14	15.99		
3	QPSK	1	8	15.85	15.82	15.91	17	0
3	QPSK	1	14	16.05	16.10	15.82		
3	QPSK	8	0	15.94	16.13	16.13		
3	QPSK	8	4	15.90	15.71	15.70	17	0
3	QPSK	8	7	15.70	16.11	15.70		
3	QPSK	15	0	15.75	15.93	16.00		
3	16QAM	1	0	15.77	15.69	15.87		
3	16QAM	1	8	15.97	16.05	15.73	17	0
3	16QAM	1	14	15.71	15.78	15.96		
3	16QAM	8	0	15.73	15.92	15.75		
3	16QAM	8	4	15.83	16.12	15.81	17	0
3	16QAM	8	7	15.78	16.19	16.10		
3	16QAM	15	0	15.82	15.85	15.90		
3	64QAM	1	0	15.82	16.05	15.75		
3	64QAM	1	8	15.70	15.96	15.88	17	0
3	64QAM	1	14	15.73	15.96	15.75		
3	64QAM	8	0	15.85	16.08	15.63		
3	64QAM	8	4	15.70	16.02	15.92	17	0
3	64QAM	8	7	15.85	15.61	15.88

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	22.47	22.67	22.50	24	0
15	QPSK	1	37	22.42	22.56	22.56		
15	QPSK	1	74	22.55	22.51	22.58		
15	QPSK	36	0	22.52	22.65	22.49		
15	QPSK	36	20	22.50	22.52	22.43	24	0
15	QPSK	36	39	22.47	22.42	22.51		
15	QPSK	75	0	22.37	22.54	22.40		
15	16QAM	1	0	22.35	22.31	22.43		
15	16QAM	1	37	22.40	22.45	22.29	24	0
15	16QAM	1	74	22.44	22.41	22.38		
15	16QAM	36	0	21.69	21.73	21.74		
15	16QAM	36	20	21.67	21.82	21.68	23	1
15	16QAM	36	39	21.81	21.75	21.72		
15	16QAM	75	0	21.77	21.76	21.78		
15	64QAM	1	0	21.79	21.87	21.86		
15	64QAM	1	37	21.71	21.72	21.77	23	1
15	64QAM	1	74	21.72	21.76	21.72		
15	64QAM	36	0	20.71	20.67	20.65		
15	64QAM	36	20	20.60	20.67	20.57	22	2
15	64QAM	36	39	20.60	20.72	20.59		
15	64QAM	75	0	20.73	20.76	20.73		
15	256QAM	1	0	18.74	18.84	18.88		
15	256QAM	1	37	18.70	18.73	18.88	20	4
15	256QAM	1	74	18.83	18.87	18.79		
15	256QAM	36	0	18.73	18.78	18.65		
15	256QAM	36	20	18.75	18.64	18.80	20	4
15	256QAM	36	39	18.68	18.63	18.66		
15	256QAM	75	0	18.65	18.80	18.71		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.58	22.50	22.49	24	0
10	QPSK	1	25	22.45	22.50	22.50		
10	QPSK	1	49	22.62	22.57	22.61		
10	QPSK	25	0	22.40	22.45	22.57		
10	QPSK	25	12	22.49	22.44	22.54	24	0
10	QPSK	25	25	22.43	22.44	22.44		
10	QPSK	50	0	22.33	22.37	22.34		
10	16QAM	1	0	22.44	22.38	22.32		
10	16QAM	1	25	22.44	22.37	22.30	24	0
10	16QAM	1	49	22.38	22.32	22.26		
10	16QAM	25	0	21.69	21.70	21.70		
10	16QAM	25	12	21.65	21.79	21.63	23	1
10	16QAM	25	25	21.80	21.73	21.70		
10	16QAM	50	0	21.73	21.80	21.77		
10	64QAM	1	0	21.86	21.85	21.76		
10	64QAM	1	25	21.84	21.80	21.81	23	1
10	64QAM	1	49	21.89	21.81	21.84		
10	64QAM	25	0	20.72	20.61	20.72		
10	64QAM	25	12	20.60	20.72	20.69	22	2
10	64QAM	25	25	20.67	20.62	20.65		
10	64QAM	50	0	20.61	20.61	20.61		
10	256QAM	1	0	18.73	18.68	18.87		
10	256QAM	1	25	18.83	18.84	18.85	20	4
10	256QAM	1	49	18.80	18.76	18.71		
10	256QAM	25	0	18.66	18.69	18.68		
10	256QAM	25	12	18.78	18.71	18.66	20	4
10	256QAM	25	25	18.77	18.62	18.77		
10	256QAM	50	0	18.67	18.73	18.73		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.42	22.48	22.56	24	0
5	QPSK	1	12	22.43	22.46	22.44		
5	QPSK	1	24	22.60	22.51	22.51		
5	QPSK	12	0	22.46	22.40	22.47		
5	QPSK	12	7	22.48	22.42	22.46	24	0
5	QPSK	12	13	22.39	22.33	22.52		
5	QPSK	25	0	22.41	22.45	22.46		
5	16QAM	1	0	22.34	22.43	22.30		
5	16QAM	1	12	22.45	22.27	22.41	24	0
5	16QAM	1	24	22.26	22.27	22.38		
5	16QAM	12	0	21.79	21.72	21.67		
5	16QAM	12	7	21.79	21.66	21.64	23	1
5	16QAM	12	13	21.83	21.70	21.71		
5	16QAM	25	0	21.70	21.66	21.79		
5	64QAM	1	0	21.82	21.83	21.72		
5	64QAM	1	12	21.73	21.79	21.85	23	1
5	64QAM	1	24	21.87	21.87	21.78		
5	64QAM	12	0	20.61	20.63	20.73		
5	64QAM	12	7	20.60	20.56	20.63	22	2
5	64QAM	12	13	20.60	20.65	20.60		
5	64QAM	25	0	20.70	20.64	20.59		
5	256QAM	1	0	18.82	18.76	18.79		
5	256QAM	1	12	18.87	18.87	18.83	20	4
5	256QAM	1	24	18.80	18.71	18.77		
5	256QAM	12	0	18.70	18.68	18.70		
5	256QAM	12	7	18.62	18.62	18.64	20	4
5	256QAM	12	13	18.70	18.64	18.79		
5	256QAM	25	0	18.65	18.61	18.68		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.49	22.59	22.57	24	0
3	QPSK	1	8	22.58	22.61	22.50		
3	QPSK	1	14	22.50	22.44	22.49		
3	QPSK	8	0	22.37	22.50	22.47		
3	QPSK	8	4	22.46	22.52	22.41	24	0
3	QPSK	8	7	22.51	22.41	22.46		
3	QPSK	15	0	22.48	22.41	22.32		
3	16QAM	1	0	22.39	22.27	22.27		
3	16QAM	1	8	22.40	22.27	22.40	24	0
3	16QAM	1	14	22.40	22.31	22.40		
3	16QAM	8	0	21.75	21.82	21.75		
3	16QAM	8	4	21.66	21.73	21.65	23	1
3	16QAM	8	7	21.81	21.83	21.82		
3	16QAM	15	0	21.65	21.82	21.73		
3	64QAM	1	0	21.74	21.85	21.85		
3	64QAM	1	8	21.90	21.73	21.78	23	1
3	64QAM	1	14	21.73	21.79	21.79		
3	64QAM	8	0	20.64	20.62	20.58		
3	64QAM	8	4	20.71	20.71	20.72	22	2
3	64QAM	8	7	20.61	20.57	20.60		
3	64QAM	15	0	20.59	20.66	20.65		
3	256QAM	1	0	18.72	18.79	18.79		
3	256QAM	1	8	18.72	18.80	18.79	20	4
3	256QAM	1	14	18.77	18.82	18.71		
3	256QAM	8	0	18.71	18.73	18.63		
3	256QAM	8	4	18.61	18.62	18.72	20	4
3	256QAM	8	7	18.79	18.70	18.61		
3	256QAM	15	0	18.79	18.63	18.80		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.51	22.52	22.32	24	0
1.4	QPSK	1	3	22.24	22.26	22.18		
1.4	QPSK	1	5	22.29	22.58	22.42		
1.4	QPSK	3	0	22.46	22.38	22.30		
1.4	QPSK	3	1	22.28	22.51	22.13		
1.4	QPSK	3	3	22.38	22.31	22.25		
1.4	QPSK	6	0	22.42	22.47	22.25	24	0
1.4	16QAM	1	0	22.20	22.45	22.37	24	0
1.4	16QAM	1	3	22.28	22.34	22.26		
1.4	16QAM	1	5	22.13	22.16	22.19		
1.4	16QAM	3	0	22.14	22.39	22.22		
1.4	16QAM	3	1	22.37	22.51	22.21		
1.4	16QAM	3	3	22.19	22.15	22.08		
1.4	16QAM	6	0	21.56	21.56	21.57	23	1
1.4	64QAM	1	0	21.51	21.65	21.48	23	1
1.4	64QAM	1	3	21.61	21.59	21.65		
1.4	64QAM	1	5	21.60	21.62	21.64		
1.4	64QAM	3	0	21.49	21.49	21.46		
1.4	64QAM	3	1	21.54	21.48	21.48		
1.4	64QAM	3	3	21.44	21.50	21.48		
1.4	64QAM	6	0	20.43	20.46	20.43	22	2
1.4	256QAM	1	0	18.71	18.64	18.71	20	4
1.4	256QAM	1	3	18.65	18.68	18.54		
1.4	256QAM	1	5	18.56	18.68	18.68		
1.4	256QAM	3	0	18.56	18.49	18.60		
1.4	256QAM	3	1	18.60	18.50	18.61		
1.4	256QAM	3	3	18.54	18.57	18.50		
1.4	256QAM	6	0	18.55	18.57	18.63	20	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.13	16.21	16.13	17.7	0
20	QPSK	1	49	16.11	16.17	16.00		
20	QPSK	1	99	15.97	16.17	15.98		
20	QPSK	50	0	16.03	16.15	15.93		
20	QPSK	50	24	16.09	16.10	15.96		
20	QPSK	50	50	15.78	16.11	15.96		
20	QPSK	100	0	15.85	16.14	15.88		
20	16QAM	1	0	15.97	16.08	15.82		
20	16QAM	1	49	15.83	16.15	15.95	17.7	0
20	16QAM	1	99	16.02	16.03	15.91		
20	16QAM	50	0	15.98	16.10	15.78		
20	16QAM	50	24	15.98	16.15	15.83	17.7	0
20	16QAM	50	50	16.02	15.99	15.73		
20	16QAM	100	0	15.97	16.14	15.96		
20	64QAM	1	0	15.88	16.17	15.88		
20	64QAM	1	49	16.02	16.16	15.75	17.7	0
20	64QAM	1	99	16.00	16.05	15.88		
20	64QAM	50	0	15.78	16.04	15.87		
20	64QAM	50	24	16.01	16.14	15.89	17.7	0
20	64QAM	50	50	16.10	16.16	15.83		
20	64QAM	100	0	15.95	16.04	15.93		
20	256QAM	1	0	15.95	16.08	15.73		
20	256QAM	1	49	16.12	16.10	15.82	17.7	0
20	256QAM	1	99	15.97	16.10	15.86		
20	256QAM	50	0	15.83	16.05	15.76		
20	256QAM	50	24	16.01	15.96	15.97	17.7	0
20	256QAM	50	50	15.87	16.00	15.78		
20	256QAM	100	0	15.92	15.98	15.87		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.98	16.04	16.14	17.7	0
15	QPSK	1	37	16.03	16.05	15.81		
15	QPSK	1	74	15.77	16.00	15.85		
15	QPSK	36	0	15.96	15.96	15.81		
15	QPSK	36	20	15.91	16.02	15.94	17.7	0
15	QPSK	36	39	16.18	15.98	15.96		
15	QPSK	75	0	15.81	15.93	15.84		
15	16QAM	1	0	15.78	15.89	15.78		
15	16QAM	1	37	15.70	16.10	15.81	17.7	0
15	16QAM	1	74	15.91	15.84	15.73		
15	16QAM	36	0	15.79	16.11	16.12		
15	16QAM	36	20	15.81	16.15	16.08	17.7	0
15	16QAM	36	39	15.93	15.94	16.00		
15	16QAM	75	0	15.81	15.98	15.91		
15	64QAM	1	0	15.73	16.14	15.85		
15	64QAM	1	37	15.87	16.07	15.99	17.7	0
15	64QAM	1	74	15.97	16.01	15.80		
15	64QAM	36	0	16.16	16.01	15.84		
15	64QAM	36	20	15.98	15.99	15.86	17.7	0
15	64QAM	36	39	15.95	16.02	15.74		
15	64QAM	75	0	15.96	15.86	15.88		
15	256QAM	1	0	15.77	16.03	15.72		
15	256QAM	1	37	16.03	16.09	15.78	17.7	0
15	256QAM	1	74	15.86	16.09	15.70		
15	256QAM	36	0	16.03	15.86	15.73		
15	256QAM	36	20	15.88	15.85	15.85	17.7	0
15	256QAM	36	39	16.07	15.81	15.71		
15	256QAM	75	0	15.79	15.96	15.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.93	16.07	15.91	17.7	0
10	QPSK	1	25	16.07	16.18	16.01		
10	QPSK	1	49	15.97	16.01	15.81		
10	QPSK	25	0	15.84	16.12	15.80		
10	QPSK	25	12	15.99	15.88	15.96	17.7	0
10	QPSK	25	25	15.71	16.11	15.74		
10	QPSK	50	0	15.82	15.98	15.79		
10	16QAM	1	0	15.88	16.01	16.16		
10	16QAM	1	25	16.19	16.12	15.76	17.7	0
10	16QAM	1	49	16.02	15.83	15.75		
10	16QAM	25	0	15.78	16.10	15.77		
10	16QAM	25	12	15.94	15.96	16.09	17.7	0
10	16QAM	25	25	15.87	15.88	16.19		
10	16QAM	50	0	15.78	16.10	15.84		
10	64QAM	1	0	15.73	16.15	15.81		
10	64QAM	1	25	15.91	16.05	16.15	17.7	0
10	64QAM	1	49	15.83	15.89	15.73		
10	64QAM	25	0	16.17	15.90	15.73		
10	64QAM	25	12	15.81	16.02	15.81	17.7	0
10	64QAM	25	25	16.06	16.01	16.12		
10	64QAM	50	0	15.87	15.97	15.75		
10	256QAM	1	0	15.92	15.97	16.18		
10	256QAM	1	25	16.04	15.96	16.02	17.7	0
10	256QAM	1	49	15.96	16.00	15.84		
10	256QAM	25	0	15.71	15.86	16.18		
10	256QAM	25	12	16.01	15.82	15.96	17.7	0
10	256QAM	25	25	15.76	16.01	15.70		
10	256QAM	50	0	15.94	15.77	16.12		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.93	16.04	16.14	17.7	0
5	QPSK	1	12	16.11	16.13	15.93		
5	QPSK	1	24	15.81	16.11	15.96		
5	QPSK	12	0	15.93	16.03	15.87	17.7	0
5	QPSK	12	7	15.97	16.06	15.92		
5	QPSK	12	13	15.80	15.98	15.83		
5	QPSK	25	0	15.76	16.15	16.19		
5	16QAM	1	0	15.89	15.99	15.83		
5	16QAM	1	12	15.81	15.94	15.88	17.7	0
5	16QAM	1	24	15.92	16.00	15.76		
5	16QAM	12	0	15.91	15.91	16.13		
5	16QAM	12	7	15.84	16.00	15.74	17.7	0
5	16QAM	12	13	16.03	15.77	15.72		
5	16QAM	25	0	15.96	16.11	15.76		
5	64QAM	1	0	15.70	16.07	15.82		
5	64QAM	1	12	16.03	16.07	16.06	17.7	0
5	64QAM	1	24	15.87	15.87	15.73		
5	64QAM	12	0	16.07	15.98	15.71		
5	64QAM	12	7	16.03	16.08	15.85	17.7	0
5	64QAM	12	13	16.00	16.13	15.82		
5	64QAM	25	0	15.90	15.85	15.93		
5	256QAM	1	0	15.84	16.08	16.01		
5	256QAM	1	12	16.00	16.02	16.05	17.7	0
5	256QAM	1	24	15.78	16.03	15.83		
5	256QAM	12	0	15.98	16.00	15.76		
5	256QAM	12	7	15.92	15.85	15.93	17.7	0
5	256QAM	12	13	15.76	15.88	15.75		
5	256QAM	25	0	15.77	15.81	15.87		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.04	16.08	15.91	17.7	0
3	QPSK	1	8	16.10	16.13	15.89		
3	QPSK	1	14	15.81	16.07	15.97		
3	QPSK	8	0	16.03	16.00	15.87	17.7	0
3	QPSK	8	4	16.03	15.93	15.86		
3	QPSK	8	7	15.79	16.12	15.96		
3	QPSK	15	0	16.17	15.93	15.82		
3	16QAM	1	0	15.77	16.03	15.79		
3	16QAM	1	8	16.10	15.94	15.90	17.7	0
3	16QAM	1	14	15.81	16.00	15.90		
3	16QAM	8	0	15.90	16.02	15.71	17.7	0
3	16QAM	8	4	15.87	16.12	16.02		
3	16QAM	8	7	15.88	15.95	16.18		
3	16QAM	15	0	15.85	15.96	15.96		
3	64QAM	1	0	15.82	15.96	15.71	17.7	0
3	64QAM	1	8	16.01	16.13	16.10		
3	64QAM	1	14	15.85	15.90	15.87		
3	64QAM	8	0	15.77	15.83	15.78	17.7	0
3	64QAM	8	4	15.97	16.03	15.72		
3	64QAM	8	7	16.01	15.96	15.97		
3	64QAM	15	0	15.97	15.84	15.89		
3	256QAM	1	0	15.95	15.91	15.98	17.7	0
3	256QAM	1	8	15.95	16.04	15.76		
3	256QAM	1	14	15.85	15.94	15.79		
3	256QAM	8	0	15.80	16.00	16.02	17.7	0
3	256QAM	8	4	16.01	15.83	15.86		
3	256QAM	8	7	15.86	15.91	15.74		
3	256QAM	15	0	15.72	15.84	15.87		
Channel				131975	132325	132645	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.95	16.05	16.08	17.7	0
1.4	QPSK	1	3	16.07	15.99	15.98		
1.4	QPSK	1	5	15.81	16.14	15.85		
1.4	QPSK	3	0	15.99	16.16	15.82		
1.4	QPSK	3	1	16.02	16.11	15.80		
1.4	QPSK	3	3	15.74	16.01	15.95		
1.4	QPSK	6	0	15.76	16.01	15.88	17.7	0
1.4	16QAM	1	0	15.81	16.04	15.71	17.7	0
1.4	16QAM	1	3	16.12	15.95	15.85		
1.4	16QAM	1	5	15.91	15.85	15.85		
1.4	16QAM	3	0	15.95	15.89	16.00		
1.4	16QAM	3	1	15.94	16.08	15.78		
1.4	16QAM	3	3	15.82	15.93	15.97		
1.4	16QAM	6	0	15.98	16.05	15.75	17.7	0
1.4	64QAM	1	0	15.96	16.05	15.85	17.7	0
1.4	64QAM	1	3	15.96	16.04	16.05		
1.4	64QAM	1	5	15.89	16.06	15.70		
1.4	64QAM	3	0	16.09	15.99	15.72		
1.4	64QAM	3	1	16.00	16.09	15.71		
1.4	64QAM	3	3	15.95	16.12	15.83		
1.4	64QAM	6	0	15.81	16.04	15.81	17.7	0
1.4	256QAM	1	0	15.81	16.04	16.19	17.7	0
1.4	256QAM	1	3	15.94	16.08	15.81		
1.4	256QAM	1	5	15.90	16.08	15.70		
1.4	256QAM	3	0	16.13	15.86	15.74		
1.4	256QAM	3	1	15.97	15.79	15.92		
1.4	256QAM	3	3	15.80	15.88	16.04		
1.4	256QAM	6	0	15.80	15.97	16.10	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.31	21.34	21.16	22.7	0
20	QPSK	1	49	21.27	21.31	21.11		
20	QPSK	1	99	21.25	21.13	21.08		
20	QPSK	50	0	21.16	21.32	21.09	22.7	0
20	QPSK	50	24	21.08	21.11	20.97		
20	QPSK	50	50	21.04	21.01	21.06		
20	QPSK	100	0	21.00	21.07	20.90		
20	16QAM	1	0	21.07	21.20	21.02	22.7	0
20	16QAM	1	49	21.07	21.00	20.93		
20	16QAM	1	99	21.00	21.11	20.91		
20	16QAM	50	0	21.11	21.25	21.03	22.7	0
20	16QAM	50	24	21.03	21.12	21.09		
20	16QAM	50	50	21.06	20.94	21.09		
20	16QAM	100	0	21.09	21.16	20.94		
20	64QAM	1	0	21.29	21.31	20.97	22.7	0
20	64QAM	1	49	21.20	21.14	20.93		
20	64QAM	1	99	20.96	21.16	21.10		
20	64QAM	50	0	20.58	20.60	20.54	22.2	0.5
20	64QAM	50	24	20.33	20.44	20.51		
20	64QAM	50	50	20.66	20.40	20.54		
20	64QAM	100	0	20.38	20.49	20.52		
20	256QAM	1	0	18.78	18.78	18.80	20.2	2.5
20	256QAM	1	49	18.71	18.73	18.56		
20	256QAM	1	99	18.58	18.56	18.57		
20	256QAM	50	0	18.59	18.68	18.54	20.2	2.5
20	256QAM	50	24	18.75	18.58	18.72		
20	256QAM	50	50	18.51	18.49	18.45		
20	256QAM	100	0	18.69	18.48	18.58		
Channel				37925	38000	38173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.21	21.30	21.07	22.7	0
15	QPSK	1	37	21.14	21.25	20.89		
15	QPSK	1	74	21.18	20.92	20.86		
15	QPSK	36	0	20.99	21.24	20.93	22.7	0
15	QPSK	36	20	21.02	21.00	20.87		
15	QPSK	36	39	21.00	21.02	20.95		
15	QPSK	75	0	20.80	21.05	20.74		
15	16QAM	1	0	20.94	21.13	20.83	22.7	0
15	16QAM	1	37	20.89	20.87	20.95		
15	16QAM	1	74	20.86	20.98	20.72		
15	16QAM	36	0	20.92	21.14	20.81	22.7	0
15	16QAM	36	20	20.98	21.10	21.01		
15	16QAM	36	39	20.94	20.77	20.95		
15	16QAM	75	0	20.93	21.06	20.87		
15	64QAM	1	0	21.09	21.21	20.90	22.7	0
15	64QAM	1	37	21.17	21.05	20.74		
15	64QAM	1	74	20.88	21.08	20.98		
15	64QAM	36	0	20.53	20.55	20.42	22.2	0.5
15	64QAM	36	20	20.28	20.35	20.30		
15	64QAM	36	39	20.54	20.25	20.51		
15	64QAM	75	0	20.21	20.47	20.36		
15	256QAM	1	0	18.77	18.75	18.81	20.2	2.5
15	256QAM	1	37	18.51	18.56	18.43		
15	256QAM	1	74	18.58	18.49	18.38		
15	256QAM	36	0	18.50	18.51	18.46	20.2	2.5
15	256QAM	36	20	18.61	18.40	18.50		
15	256QAM	36	39	18.39	18.41	18.37		
15	256QAM	75	0	18.52	18.44	18.43		
Channel				37900	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.20	21.33	20.99	22.7	0
10	QPSK	1	25	21.08	21.11	20.90		
10	QPSK	1	49	21.12	21.01	21.09		
10	QPSK	25	0	21.01	21.25	20.97	22.7	0
10	QPSK	25	12	21.05	21.11	20.91		
10	QPSK	25	25	20.89	20.86	20.96		
10	QPSK	50	0	20.88	21.04	20.87		
10	16QAM	1	0	20.87	21.19	20.95	22.7	0
10	16QAM	1	25	21.09	20.97	20.93		
10	16QAM	1	49	20.83	20.91	20.79		
10	16QAM	25	0	20.93	21.25	21.01	22.7	0
10	16QAM	25	12	20.87	20.98	21.06		
10	16QAM	25	25	21.01	20.91	20.89		
10	16QAM	50	0	20.99	21.09	20.81		
10	64QAM	1	0	21.13	21.20	21.00	22.7	0
10	64QAM	1	25	21.04	21.00	21.00		
10	64QAM	1	49	21.00	21.17	21.01		
10	64QAM	25	0	20.37	20.42	20.45	22.2	0.5
10	64QAM	25	12	20.34	20.27	20.34		
10	64QAM	25	25	20.64	20.41	20.34		
10	64QAM	50	0	20.27	20.35	20.39		
10	256QAM	1	0	18.65	18.65	18.61	20.2	2.5
10	256QAM	1	25	18.72	18.64	18.42		
10	256QAM	1	49	18.42	18.39	18.44		
10	256QAM	25	0	18.51	18.60	18.41	20.2	2.5
10	256QAM	25	12	18.59	18.57	18.55		
10	256QAM	25	25	18.46	18.51	18.40		
10	256QAM	50	0	18.65	18.30	18.47		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.14	21.25	21.05	22.7	0
5	QPSK	1	12	21.13	21.20	21.01		
5	QPSK	1	24	21.04	21.10	21.08		
5	QPSK	12	0	21.06	21.12	20.88	22.7	0
5	QPSK	12	7	21.04	20.95	20.84		
5	QPSK	12	13	20.88	20.93	21.00		
5	QPSK	25	0	20.83	20.89	20.77		
5	16QAM	1	0	21.09	21.10	20.89	22.7	0
5	16QAM	1	12	20.90	20.99	20.81		
5	16QAM	1	24	20.81	20.89	20.88		
5	16QAM	12	0	20.96	21.07	20.88	22.7	0
5	16QAM	12	7	20.87	20.91	20.97		
5	16QAM	12	13	20.87	20.82	21.08		
5	16QAM	25	0	21.11	21.13	20.76		
5	64QAM	1	0	21.27	21.23	20.80	22.7	0
5	64QAM	1	12	21.10	20.94	20.86		
5	64QAM	1	24	20.90	21.15	21.01		
5	64QAM	12	0	20.44	20.46	20.36	22.2	0.5
5	64QAM	12	7	20.31	20.23	20.41		
5	64QAM	12	13	20.50	20.38	20.40		
5	64QAM	25	0	20.27	20.34	20.44		
5	256QAM	1	0	18.64	18.64	18.64	20.2	2.5
5	256QAM	1	12	18.67	18.65	18.55		
5	256QAM	1	24	18.56	18.46	18.42		
5	256QAM	12	0	18.56	18.58	18.36	20.2	2.5
5	256QAM	12	7	18.71	18.54	18.70		
5	256QAM	12	13	18.30	18.48	18.39		
5	256QAM	25	0	18.63	18.46	18.42		

Band 41 Ant1 DSI5

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	21.12	21.21	21.36	21.32	21.22	22.7	0
20	QPSK	1	49	20.92	21.15	21.26	21.32	21.19		
20	QPSK	1	99	21.11	21.13	21.24	21.12	21.12		
20	QPSK	50	0	20.97	21.18	21.35	21.24	21.12	22.7	0
20	QPSK	50	24	21.01	21.11	21.22	21.14	21.04		
20	QPSK	50	50	20.93	21.12	21.34	21.15	21.07		
20	QPSK	100	0	21.11	21.07	21.28	21.16	21.10		
20	16QAM	1	0	21.07	21.18	21.11	21.21	21.13	22.7	0
20	16QAM	1	49	20.90	21.01	21.25	21.15	21.22		
20	16QAM	1	99	20.91	21.06	21.21	21.11	21.14		
20	16QAM	50	0	20.99	21.10	21.16	21.24	21.20	22.7	0
20	16QAM	50	24	21.11	21.16	21.30	21.19	21.10		
20	16QAM	50	50	21.11	21.03	21.19	21.19	21.17		
20	16QAM	100	0	21.08	21.01	21.27	21.29	21.06		
20	64QAM	1	0	21.12	21.01	21.32	21.15	21.15	22.7	0
20	64QAM	1	49	21.11	21.22	21.23	21.11	21.03		
20	64QAM	1	99	20.93	21.22	21.17	21.27	21.04		
20	64QAM	50	0	20.92	21.19	21.26	21.26	21.18	22.7	0
20	64QAM	50	24	21.08	21.08	21.31	21.22	21.15		
20	64QAM	50	50	20.92	21.17	21.18	21.32	21.24		
20	64QAM	100	0	21.09	20.99	21.28	21.32	21.03		
20	256QAM	1	0	19.49	19.35	19.48	19.32	19.20	20.7	2
20	256QAM	1	49	19.31	19.31	19.43	19.35	19.36		
20	256QAM	1	99	19.35	19.14	19.36	19.25	19.24		
20	256QAM	50	0	19.21	19.35	19.44	19.30	19.37	20.7	2
20	256QAM	50	24	19.15	19.26	19.33	19.38	19.22		
20	256QAM	50	50	19.26	19.24	19.23	19.36	19.24		
20	256QAM	100	0	19.35	19.27	19.31	19.34	19.40		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.89	21.12	21.08	21.27	20.98	23	0
15	QPSK	1	37	21.00	21.08	21.15	20.93	21.05		
15	QPSK	1	74	20.78	20.97	21.25	21.06	20.91		
15	QPSK	36	0	20.92	21.08	21.05	21.26	21.19	22.7	0
15	QPSK	36	20	20.91	20.94	21.04	21.08	20.99		
15	QPSK	36	39	20.89	20.99	21.24	21.20	21.11		
15	QPSK	75	0	21.12	20.98	21.18	20.96	21.01		
15	16QAM	1	0	21.00	21.09	21.09	21.17	21.13	22.7	0
15	16QAM	1	37	20.73	20.94	21.20	21.13	21.10		
15	16QAM	1	74	20.85	20.87	21.10	21.05	20.97		
15	16QAM	36	0	20.87	21.01	20.97	21.13	21.02	22.7	0
15	16QAM	36	20	21.11	21.07	21.27	21.15	21.08		
15	16QAM	36	39	21.00	20.93	21.10	20.97	21.09		
15	16QAM	75	0	21.01	21.01	21.18	21.24	21.02		
15	64QAM	1	0	20.91	20.98	21.20	21.08	21.17	22.7	0
15	64QAM	1	37	20.92	21.00	21.03	20.92	20.82		
15	64QAM	1	74	20.88	21.04	20.98	21.18	21.06		
15	64QAM	36	0	20.89	21.02	21.14	21.08	20.96	22.7	0
15	64QAM	36	20	21.06	20.87	21.26	21.09	21.07		
15	64QAM	36	39	20.86	21.14	21.20	21.26	21.13		
15	64QAM	75	0	20.90	20.85	21.18	21.28	20.90		
15	256QAM	1	0	19.30	19.30	19.46	19.21	19.00	20.7	2
15	256QAM	1	37	19.26	19.13	19.40	19.31	19.20		
15	256QAM	1	74	19.26	19.03	19.20	19.21	19.09		
15	256QAM	36	0	19.05	19.25	19.40	19.09	19.24	20.7	2
15	256QAM	36	20	19.04	19.15	19.20	19.21	19.08		
15	256QAM	36	39	19.26	19.18	19.08	19.17	19.23		
15	256QAM	75	0	19.26	19.12	19.10	19.20	19.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.12	21.08	21.27	21.20	21.08	23	0
10	QPSK	1	25	20.90	21.15	21.08	21.11	21.08		
10	QPSK	1	49	21.09	21.12	21.08	21.10	20.91		
10	QPSK	25	0	20.99	20.97	21.23	21.07	21.05	22.7	0
10	QPSK	25	12	21.00	20.90	21.10	21.05	21.02		
10	QPSK	25	25	20.86	21.02	21.23	21.02	21.06		
10	QPSK	50	0	20.90	21.00	21.13	21.13	20.90		
10	16QAM	1	0	20.87	21.14	21.02	21.10	20.99	22.7	0
10	16QAM	1	25	20.86	20.84	21.14	21.04	21.10		
10	16QAM	1	49	20.75	21.07	21.17	21.00	21.04		
10	16QAM	25	0	20.99	20.90	20.97	21.14	21.08	22.7	0
10	16QAM	25	12	21.08	21.00	21.16	21.17	20.97		
10	16QAM	25	25	21.04	20.96	21.10	21.17	21.16		
10	16QAM	50	0	20.96	21.03	21.22	21.10	21.07		
10	64QAM	1	0	21.08	21.02	21.05	21.26	20.96	22.7	0
10	64QAM	1	25	20.91	21.24	21.03	21.10	20.99		
10	64QAM	1	49	20.86	21.21	21.09	21.28	20.94		
10	64QAM	25	0	20.77	21.16	21.04	21.11	21.12	22.7	0
10	64QAM	25	12	21.01	21.00	21.14	21.09	21.05		
10	64QAM	25	25	20.96	21.06	21.23	21.15	21.12		
10	64QAM	50	0	20.99	20.78	21.16	21.20	20.99		
10	256QAM	1	0	19.29	19.28	19.42	19.14	19.10	20.7	2
10	256QAM	1	25	19.29	19.14	19.40	19.24	19.29		
10	256QAM	1	49	19.31	19.07	19.32	19.04	19.19		
10	256QAM	25	0	19.11	19.18	19.26	19.11	19.20	20.7	2
10	256QAM	25	12	18.96	19.22	19.34	19.23	19.14		
10	256QAM	25	25	19.08	19.15	19.17	19.37	19.12		
10	256QAM	50	0	19.15	19.27	19.29	19.34	19.30		
Channel				39675	40140	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.96	20.99	21.15	21.34	21.21	23	0
5	QPSK	1	12	20.84	20.94	21.25	21.19	21.07		
5	QPSK	1	24	20.99	20.99	21.13	20.99	21.04		
5	QPSK	12	0	20.97	21.00	21.19	21.14	21.04	22.7	0
5	QPSK	12	7	20.80	20.96	21.09	21.20	21.08		
5	QPSK	12	13	20.99	21.14	21.16	21.05	20.99		
5	QPSK	25	0	20.79	20.99	21.28	21.23	20.92		
5	16QAM	1	0	20.77	21.14	21.18	21.15	21.17	22.7	0
5	16QAM	1	12	20.90	21.03	21.18	21.11	21.10		
5	16QAM	1	24	20.80	21.18	21.19	21.19	21.13		
5	16QAM	12	0	20.98	20.99	21.15	21.25	20.99	22.7	0
5	16QAM	12	7	20.90	21.06	21.13	21.02	21.11		
5	16QAM	12	13	20.98	20.88	21.19	21.07	21.03		
5	16QAM	25	0	20.89	20.93	21.06	21.14	20.87		
5	64QAM	1	0	20.92	20.90	21.29	20.98	20.97	22.7	0
5	64QAM	1	12	21.00	21.06	21.06	21.03	20.91		
5	64QAM	1	24	20.81	21.00	21.01	21.26	20.83		
5	64QAM	12	0	20.90	21.13	21.08	21.13	21.09	22.7	0
5	64QAM	12	7	20.97	21.09	21.10	21.13	20.94		
5	64QAM	12	13	20.90	21.18	21.23	21.19	21.05		
5	64QAM	25	0	21.07	20.93	21.18	21.13	20.92		
5	256QAM	1	0	19.35	19.34	19.40	19.18	18.99	20.7	2
5	256QAM	1	12	19.19	19.21	19.25	19.31	19.35		
5	256QAM	1	24	19.24	19.11	19.25	19.13	19.14		
5	256QAM	12	0	19.19	19.30	19.44	19.16	19.34	20.7	2
5	256QAM	12	7	19.00	19.21	19.28	19.39	19.04		
5	256QAM	12	13	19.08	19.17	19.18	19.33	19.18		
5	256QAM	25	0	19.20	19.23	19.21	19.17	19.22		

Band 41 HPUE Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.84	23.02	23.08	22.91	22.90	24.3	0
20	QPSK	1	49	22.84	22.98	23.07	22.88	22.72		
20	QPSK	1	99	22.67	22.88	23.05	22.78	22.90		
20	QPSK	50	0	22.75	22.92	23.05	22.90	22.84	24.3	0
20	QPSK	50	24	22.70	22.90	22.88	22.92	22.73		
20	QPSK	50	50	22.70	23.02	22.92	22.82	22.73		
20	QPSK	100	0	22.79	22.90	23.01	22.87	22.74		
20	16QAM	1	0	22.75	22.87	23.01	22.90	22.82	24.3	0
20	16QAM	1	49	22.81	22.82	22.93	22.82	22.70		
20	16QAM	1	99	22.72	22.82	22.99	22.74	22.79		
20	16QAM	50	0	22.68	22.89	22.92	22.71	22.75	24.3	0
20	16QAM	50	24	22.66	22.86	22.98	22.71	22.79		
20	16QAM	50	50	22.74	22.82	23.01	22.70	22.88		
20	16QAM	100	0	22.63	22.89	23.01	22.82	22.75		
20	64QAM	1	0	22.72	23.02	23.02	22.84	22.90	24.3	0
20	64QAM	1	49	22.70	22.91	22.95	22.91	22.91		
20	64QAM	1	99	22.63	22.95	22.86	22.80	22.68		
20	64QAM	50	0	22.79	22.80	23.00	22.92	22.75	24.3	0
20	64QAM	50	24	22.83	22.87	23.02	22.72	22.83		
20	64QAM	50	50	22.72	23.03	23.03	22.81	22.81		
20	64QAM	100	0	22.63	22.87	22.95	22.77	22.82		
20	256QAM	1	0	22.27	22.37	22.39	22.46	22.27	23.8	0.5
20	256QAM	1	49	22.43	22.26	22.45	22.43	22.43		
20	256QAM	1	99	22.27	22.25	22.44	22.34	22.45		
20	256QAM	50	0	22.39	22.35	22.44	22.30	22.32	23.8	0.5
20	256QAM	50	24	22.52	22.42	22.32	22.37	22.25		
20	256QAM	50	50	22.39	22.32	22.41	22.40	22.28		
20	256QAM	100	0	22.55	22.53	22.52	22.39	22.57		
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	22.82	22.94	23.01	22.76	22.85	24	0
15	QPSK	1	37	22.66	22.92	22.98	22.67	22.54		
15	QPSK	1	74	22.69	22.75	22.85	22.62	22.88		
15	QPSK	36	0	22.74	22.73	22.98	22.77	22.83	24.3	0
15	QPSK	36	20	22.48	22.81	22.68	22.92	22.72		
15	QPSK	36	39	22.65	22.84	22.88	22.76	22.51		
15	QPSK	75	0	22.60	22.77	22.86	22.72	22.52		
15	16QAM	1	0	22.64	22.68	22.90	22.75	22.68	24.3	0
15	16QAM	1	37	22.71	22.69	22.78	22.73	22.58		
15	16QAM	1	74	22.65	22.82	22.82	22.63	22.71		
15	16QAM	36	0	22.71	22.85	22.93	22.70	22.63	24.3	0
15	16QAM	36	20	22.62	22.71	22.90	22.80	22.89		
15	16QAM	36	39	22.71	22.92	23.00	22.70	22.75		
15	16QAM	75	0	22.56	22.84	22.88	22.70	22.60		
15	64QAM	1	0	22.59	22.98	22.82	22.63	22.73	24.3	0
15	64QAM	1	37	22.53	22.91	22.89	22.83	22.70		
15	64QAM	1	74	22.51	22.79	22.87	22.75	22.55		
15	64QAM	36	0	22.64	22.59	22.82	22.73	22.56	24.3	0
15	64QAM	36	20	22.69	22.81	22.95	22.66	22.61		
15	64QAM	36	39	22.61	23.03	22.96	22.77	22.67		
15	64QAM	75	0	22.56	22.82	22.83	22.63	22.70		
15	256QAM	1	0	22.23	22.27	22.41	22.38	22.20	23.8	0.5
15	256QAM	1	37	22.38	22.25	22.25	22.21	22.45		
15	256QAM	1	74	22.28	22.25	22.39	22.15	22.44		
15	256QAM	36	0	22.29	22.30	22.24	22.26	22.19	23.8	0.5
15	256QAM	36	20	22.34	22.37	22.30	22.24	22.05		
15	256QAM	36	39	22.19	22.33	22.21	22.29	22.30		
15	256QAM	75	0	22.45	22.45	22.52	22.33	22.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.82	22.76	22.93	22.77	22.58	24	0
10	QPSK	1	25	22.59	22.88	22.99	22.79	22.81		
10	QPSK	1	49	22.53	22.93	22.88	22.73	22.82		
10	QPSK	25	0	22.65	22.77	22.85	22.92	22.63	24.3	0
10	QPSK	25	12	22.61	22.91	22.85	22.90	22.54		
10	QPSK	25	25	22.64	23.04	22.88	22.73	22.67		
10	QPSK	50	0	22.78	22.91	22.89	22.70	22.61		
10	16QAM	1	0	22.77	22.77	22.87	22.73	22.58	24.3	0
10	16QAM	1	25	22.66	22.86	22.88	22.74	22.68		
10	16QAM	1	49	22.61	22.72	22.86	22.77	22.67		
10	16QAM	25	0	22.62	22.75	22.72	22.56	22.57	24.3	0
10	16QAM	25	12	22.56	22.83	22.88	22.54	22.79		
10	16QAM	25	25	22.74	22.66	22.94	22.65	22.73		
10	16QAM	50	0	22.52	22.69	22.85	22.65	22.70		
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Band 42 FCC Part27Q 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.98	22.03	21.87		
20	QPSK	1	49	21.85	21.95	21.91	23	0
20	QPSK	1	99	21.84	21.90	21.85		
20	QPSK	50	0	21.08	21.14	21.01		
20	QPSK	50	24	21.00	21.08	20.99	22	1
20	QPSK	50	50	20.93	21.03	21.00		
20	QPSK	100	0	21.00	21.09	21.00		
20	16QAM	1	0	20.96	21.02	20.97		
20	16QAM	1	49	20.88	20.96	20.82	22	1
20	16QAM	1	99	20.80	20.92	20.79		
20	16QAM	50	0	20.09	20.14	20.08		
20	16QAM	50	24	19.92	20.06	20.01	21	2
20	16QAM	50	50	19.96	20.10	20.05		
20	16QAM	100	0	19.95	20.04	19.93		
20	64QAM	1	0	19.93	20.05	19.92		
20	64QAM	1	49	19.88	19.99	19.95	21	2
20	64QAM	1	99	19.82	19.95	19.87		
20	64QAM	50	0	19.03	19.18	19.12		
20	64QAM	50	24	18.98	19.09	19.03	20	3
20	64QAM	50	50	19.07	19.14	19.08		
20	64QAM	100	0	18.96	19.06	18.98		
20	256QAM	1	0	15.51	15.66	15.60		
20	256QAM	1	49	18.45	18.48	18.38	20	3
20	256QAM	1	99	14.60	14.71	14.66		
20	256QAM	50	0	18.55	18.69	18.65		
20	256QAM	50	24	18.52	18.66	18.60	20	3
20	256QAM	50	50	18.53	18.57	18.42		
20	256QAM	100	0	18.51	18.64	18.60		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.85	21.92	21.75		
15	QPSK	1	37	21.77	21.91	21.82	23	0
15	QPSK	1	74	21.81	21.80	21.79		
15	QPSK	36	0	20.94	21.01	20.94		
15	QPSK	36	20	20.94	20.95	20.95	22	1
15	QPSK	36	39	20.84	20.98	20.92		
15	QPSK	75	0	20.97	21.00	20.86		
15	16QAM	1	0	20.87	20.91	20.83		
15	16QAM	1	37	20.74	20.83	20.73	22	1
15	16QAM	1	74	20.70	20.81	20.74		
15	16QAM	36	0	20.04	20.06	19.99		
15	16QAM	36	20	19.86	19.94	19.91	21	2
15	16QAM	36	39	19.83	19.97	19.94		
15	16QAM	75	0	19.90	19.91	19.81		
15	64QAM	1	0	19.86	19.99	19.78		
15	64QAM	1	37	19.80	19.96	19.84	21	2
15	64QAM	1	74	19.73	19.81	19.76		
15	64QAM	36	0	18.99	19.10	19.05		
15	64QAM	36	20	18.91	19.05	18.91	20	3
15	64QAM	36	39	18.93	19.01	18.99		
15	64QAM	75	0	18.82	18.98	18.85		
15	256QAM	1	0	15.38	15.59	15.46		
15	256QAM	1	37	18.33	18.35	18.29	20	3
15	256QAM	1	74	14.50	14.66	14.54		
15	256QAM	36	0	18.51	18.54	18.62		
15	256QAM	36	20	18.42	18.52	18.48	20	3
15	256QAM	36	39	18.48	18.47	18.32		
15	256QAM	75	0	18.37	18.58	18.52		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.87	21.97	21.76		
10	QPSK	1	25	21.73	21.81	21.87	23	0
10	QPSK	1	49	21.78	21.86	21.76		
10	QPSK	25	0	20.94	21.09	20.86		
10	QPSK	25	12	20.87	21.05	20.85	22	1
10	QPSK	25	25	20.83	20.94	20.93		
10	QPSK	50	0	20.89	20.97	20.93		
10	16QAM	1	0	20.91	20.93	20.94		
10	16QAM	1	25	20.83	20.85	20.70	22	1
10	16QAM	1	49	20.73	20.88	20.74		
10	16QAM	25	0	20.05	19.99	20.02		
10	16QAM	25	12	19.81	20.00	19.93	21	2
10	16QAM	25	25	19.83	20.05	20.01		
10	16QAM	50	0	19.88	19.95	19.80		
10	64QAM	1	0	19.82	19.92	19.77	1	
10	64QAM	1	25	19.82	19.90	19.88	21	2
10	64QAM	1	49	19.72	19.81	19.72		
10	64QAM	25	0	18.90	19.12	19.02		
10	64QAM	25	12	18.85	18.94	18.98	20	3
10	64QAM	25	25	18.95	19.02	18.97		
10	64QAM	50	0	18.90	19.00	18.88		
10	256QAM	1	0	15.39	15.52	15.46		
10	256QAM	1	25	18.37	18.43	18.28	20	3
10	256QAM	1	49	14.55	14.67	14.56		
10	256QAM	25	0	18.46	18.64	18.57		
10	256QAM	25	12	18.42	18.52	18.48	20	3
10	256QAM	25	25	18.43	18.43	18.36		
10	256QAM	50	0	18.36	18.49	18.57		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.94	21.92	21.78		
5	QPSK	1	12	21.75	21.82	21.77	23	0
5	QPSK	1	24	21.80	21.84	21.78		
5	QPSK	12	0	20.96	21.05	20.89		
5	QPSK	12	7	20.94	20.99	20.85	22	1
5	QPSK	12	13	20.78	20.96	20.90		
5	QPSK	25	0	20.90	20.97	20.92		
5	16QAM	1	0	20.83	20.93	20.89		
5	16QAM	1	12	20.79	20.83	20.71	22	1
5	16QAM	1	24	20.67	20.78	20.74		
5	16QAM	12	0	19.96	20.03	20.04		
5	16QAM	12	7	19.83	19.97	19.89	21	2
5	16QAM	12	13	19.91	20.00	19.91		
5	16QAM	25	0	19.87	19.98	19.82		
5	64QAM	1	0	19.79	19.90	19.87		
5	64QAM	1	12	19.75	19.92	19.84	21	2
5	64QAM	1	24	19.67	19.81	19.78		
5	64QAM	12	0	18.93	19.14	19.07		
5	64QAM	12	7	18.91	18.96	18.89	20	3
5	64QAM	12	13	19.01	19.10	18.95		
5	64QAM	25	0	18.93	18.95	18.95		
5	256QAM	1	0	15.48	15.56	15.52		
5	256QAM	1	12	18.34	18.36	18.35	20	3
5	256QAM	1	24	14.56	14.62	14.62		
5	256QAM	12	0	18.50	18.64	18.54		
5	256QAM	12	7	18.43	18.59	18.52	20	3
5	256QAM	12	13	18.46	18.52	18.28		
5	256QAM	25	0	18.42	18.60	18.47		

Band 43_FCC 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				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.02	21.08	20.89		
20	QPSK	1	49	20.91	21.00	20.87	22	0
20	QPSK	1	99	20.89	20.95	20.90		
20	QPSK	50	0	20.09	20.21	20.07		
20	QPSK	50	24	20.03	20.15	20.09	21	1
20	QPSK	50	50	20.04	20.10	20.07		
20	QPSK	100	0	20.07	20.17	20.07		
20	16QAM	1	0	20.01	20.12	20.01		
20	16QAM	1	49	20.02	20.06	19.99	21	1
20	16QAM	1	99	19.97	20.02	19.88		
20	16QAM	50	0	19.02	19.11	19.00		
20	16QAM	50	24	18.94	19.03	18.88	20	2
20	16QAM	50	50	18.94	19.07	19.01		
20	16QAM	100	0	18.92	19.01	18.86		
20	64QAM	1	0	18.79	18.88	18.82		
20	64QAM	1	49	18.78	18.82	18.79	20	2
20	64QAM	1	99	18.68	18.78	18.67		
20	64QAM	50	0	18.17	18.23	18.14		
20	64QAM	50	24	18.05	18.14	18.04	19	3
20	64QAM	50	50	18.10	18.19	18.14		
20	64QAM	100	0	18.02	18.11	18.02		
20	256QAM	1	0	16.64	16.78	16.68		
20	256QAM	1	49	16.69	16.75	16.72	17	5
20	256QAM	1	99	16.64	16.70	16.57		
20	256QAM	50	0	16.61	16.71	16.63		
20	256QAM	50	24	16.49	16.61	16.56	17	5
20	256QAM	50	50	16.63	16.67	16.54		
20	256QAM	100	0	16.52	16.65	16.55		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	20.87	20.98	20.78		
15	QPSK	1	37	20.79	20.93	20.83	22	0
15	QPSK	1	74	20.79	20.89	20.85		
15	QPSK	36	0	20.02	20.15	19.99		
15	QPSK	36	20	19.89	20.01	20.05	21	1
15	QPSK	36	39	19.98	19.95	19.97		
15	QPSK	75	0	19.96	20.04	19.98		
15	16QAM	1	0	19.88	19.97	19.92		
15	16QAM	1	37	19.96	19.94	19.87	21	1
15	16QAM	1	74	19.92	19.94	19.76		
15	16QAM	36	0	18.93	18.99	18.95		
15	16QAM	36	20	18.91	18.93	18.77	20	2
15	16QAM	36	39	18.80	18.93	18.97		
15	16QAM	75	0	18.88	18.90	18.79		
15	64QAM	1	0	18.72	18.80	18.71		
15	64QAM	1	37	18.73	18.74	18.73	20	2
15	64QAM	1	74	18.56	18.66	18.56		
15	64QAM	36	0	18.13	18.13	18.08		
15	64QAM	36	20	17.95	18.08	17.94	19	3
15	64QAM	36	39	18.05	18.08	18.06		
15	64QAM	75	0	17.93	17.99	17.92		
15	256QAM	1	0	16.55	16.74	16.63		
15	256QAM	1	37	16.59	16.68	16.67	17	5
15	256QAM	1	74	16.50	16.59	16.47		
15	256QAM	36	0	16.56	16.62	16.52		
15	256QAM	36	20	16.42	16.52	16.53	17	5
15	256QAM	36	39	16.53	16.57	16.47		
15	256QAM	75	0	16.49	16.52	16.50		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	20.95	21.00	20.83		
10	QPSK	1	25	20.83	20.91	20.84	22	0
10	QPSK	1	49	20.85	20.89	20.81		
10	QPSK	25	0	19.95	20.17	20.01		
10	QPSK	25	12	19.88	20.10	20.01	21	1
10	QPSK	25	25	19.91	20.07	19.97		
10	QPSK	50	0	19.99	20.08	19.95		
10	16QAM	1	0	19.89	19.97	19.93		
10	16QAM	1	25	19.89	19.97	19.88	21	1
10	16QAM	1	49	19.86	19.89	19.79		
10	16QAM	25	0	18.97	19.01	18.94		
10	16QAM	25	12	18.79	18.95	18.80	20	2
10	16QAM	25	25	18.85	19.02	18.95		
10	16QAM	50	0	18.81	18.87	18.76		
10	64QAM	1	0	18.71	18.85	18.75		
10	64QAM	1	25	18.72	18.75	18.72	20	2
10	64QAM	1	49	18.64	18.72	18.63		
10	64QAM	25	0	18.07	18.17	18.06		
10	64QAM	25	12	17.96	18.09	18.00	19	3
10	64QAM	25	25	18.00	18.08	18.07		
10	64QAM	50	0	17.95	17.99	17.87		
10	256QAM	1	0	16.53	16.70	16.64		
10	256QAM	1	25	16.60	16.64	16.63	17	5
10	256QAM	1	49	16.57	16.63	16.51		
10	256QAM	25	0	16.49	16.63	16.52		
10	256QAM	25	12	16.36	16.51	16.44	17	5
10	256QAM	25	25	16.51	16.58	16.47		
10	256QAM	50	0	16.46	16.56	16.41		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	20.95	20.99	20.83		
5	QPSK	1	12	20.85	20.89	20.75	22	0
5	QPSK	1	24	20.80	20.81	20.77		
5	QPSK	12	0	20.01	20.15	20.02		
5	QPSK	12	7	19.88	20.11	19.98	21	1
5	QPSK	12	13	19.94	19.98	20.00		
5	QPSK	25	0	20.03	20.11	19.92		
5	16QAM	1	0	19.93	20.04	19.95		
5	16QAM	1	12	19.93	19.98	19.95	21	1
5	16QAM	1	24	19.93	19.96	19.75		
5	16QAM	12	0	18.96	19.08	18.85		
5	16QAM	12	7	18.87	18.97	18.85	20	2
5	16QAM	12	13	18.79	18.93	18.94		
5	16QAM	25	0	18.78	18.92	18.75		
5	64QAM	1	0	18.75	18.77	18.73		
5	64QAM	1	12	18.70	18.74	18.67	20	2
5	64QAM	1	24	18.54	18.64	18.61		
5	64QAM	12	0	18.04	18.12	18.00		
5	64QAM	12	7	18.00	18.05	17.98	19	3
5	64QAM	12	13	18.01	18.10	18.04		
5	64QAM	25	0	17.87	18.08	17.95		
5	256QAM	1	0	16.60	16.73	16.63		
5	256QAM	1	12	16.54	16.62	16.57	17	5
5	256QAM	1	24	16.57	16.65	16.51		
5	256QAM	12	0	16.56	16.59	16.55		
5	256QAM	12	7	16.40	16.46	16.43	17	5
5	256QAM	12	13	16.59	16.53	16.45		
5	256QAM	25	0	16.39	16.61	16.49		

Band 48_FCC Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.68	19.74	19.36	18.85		
20	QPSK	1	49	21.70	21.62	21.37	21.08	23	0
20	QPSK	1	99	21.57	19.48	18.98	18.79		
20	QPSK	50	0	21.68	20.62	20.57	20.19		
20	QPSK	50	24	20.66	20.57	20.50	20.22	22	1
20	QPSK	50	50	20.62	20.59	20.41	20.12		
20	QPSK	100	0	20.59	20.51	20.43	20.16		
20	16QAM	1	0	20.49	18.27	18.17	18.13		
20	16QAM	1	49	20.40	20.46	20.39	20.32	22	1
20	16QAM	1	99	19.10	17.87	17.82	17.73		
20	16QAM	50	0	19.66	19.69	19.55	19.66		
20	16QAM	50	24	19.31	19.36	19.29	19.27	21	2
20	16QAM	50	50	19.17	19.32	19.27	19.28		
20	16QAM	100	0	19.56	19.62	19.54	19.57		
20	64QAM	1	0	18.21	17.55	17.47	17.45		
20	64QAM	1	49	19.61	19.68	19.57	19.63	21	2
20	64QAM	1	99	18.06	17.36	17.27	17.26		
20	64QAM	50	0	18.59	18.71	18.59	18.58		
20	64QAM	50	24	18.50	18.56	18.45	18.46	20	3
20	64QAM	50	50	18.53	18.64	18.52	18.58		
20	64QAM	100	0	18.55	18.61	18.50	18.58		
20	256QAM	1	0	15.11	14.40	14.31	14.27		
20	256QAM	1	49	17.65	17.32	17.24	17.21	18	5
20	256QAM	1	99	15.09	14.24	14.12	14.17		
20	256QAM	50	0	17.10	17.23	17.16	17.09		
20	256QAM	50	24	17.15	17.19	17.05	17.16	18	5
20	256QAM	50	50	17.07	17.21	17.17	17.07		
20	256QAM	100	0	17.06	17.13	17.01	17.04		
Channel				55315	55820	56140	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.55	19.47	18.95	18.45		
15	QPSK	1	37	21.56	21.52	21.30	21.02	23	0
15	QPSK	1	74	21.51	19.24	18.77	18.41		
15	QPSK	36	0	20.66	20.56	20.50	20.10		
15	QPSK	36	20	20.61	20.53	20.38	20.15	22	1
15	QPSK	36	39	20.52	20.45	20.34	20.01		
15	QPSK	75	0	20.47	20.40	20.32	20.12		
15	16QAM	1	0	20.42	18.22	18.08	18.06		
15	16QAM	1	37	20.33	20.34	20.29	20.24	22	1
15	16QAM	1	74	18.99	17.72	17.69	17.64		
15	16QAM	36	0	19.52	19.63	19.44	19.51		
15	16QAM	36	20	19.25	19.24	19.21	19.16	21	2
15	16QAM	36	39	19.09	19.27	19.15	19.21		
15	16QAM	75	0	19.47	19.56	19.47	19.51		
15	64QAM	1	0	18.15	17.43	17.41	17.32		
15	64QAM	1	37	19.52	19.58	19.47	19.55	21	2
15	64QAM	1	74	18.01	17.26	17.13	17.21		
15	64QAM	36	0	18.49	18.67	18.53	18.49		
15	64QAM	36	20	18.44	18.49	18.35	18.31	20	3
15	64QAM	36	39	18.49	18.52	18.39	18.50		
15	64QAM	75	0	18.41	18.50	18.42	18.49		
15	256QAM	1	0	15.08	14.33	14.19	14.12		
15	256QAM	1	37	17.60	17.20	17.19	17.17	18	5
15	256QAM	1	74	14.96	14.18	13.99	14.05		
15	256QAM	36	0	16.98	17.19	17.04	16.98		
15	256QAM	36	20	17.09	17.13	17.00	17.04	18	5
15	256QAM	36	39	17.01	17.07	17.11	16.95		
15	256QAM	75	0	16.95	17.04	16.97	16.99		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.58	19.36	19.01	18.42		
10	QPSK	1	25	21.48	21.53	21.37	20.95	23	0
10	QPSK	1	49	21.46	19.15	18.77	18.33		
10	QPSK	25	0	20.59	20.55	20.48	20.06		
10	QPSK	25	12	20.59	20.45	20.46	20.15	22	1
10	QPSK	25	25	20.49	20.44	20.27	20.05		
10	QPSK	50	0	20.52	20.42	20.36	20.12		
10	16QAM	1	0	20.37	18.15	18.05	18.05		
10	16QAM	1	25	20.37	20.34	20.25	20.21	22	1
10	16QAM	1	49	19.05	17.76	17.73	17.60		
10	16QAM	25	0	19.54	19.64	19.51	19.59		
10	16QAM	25	12	19.21	19.28	19.22	19.18	21	2
10	16QAM	25	25	19.07	19.25	19.16	19.22		
10	16QAM	50	0	19.42	19.53	19.51	19.54		
10	64QAM	1	0	18.12	17.47	17.40	17.32		
10	64QAM	1	25	19.56	19.57	19.48	19.56	21	2
10	64QAM	1	49	17.98	17.25	17.22	17.16		
10	64QAM	25	0	18.54	18.63	18.51	18.45		
10	64QAM	25	12	18.45	18.51	18.41	18.39	20	3
10	64QAM	25	25	18.45	18.58	18.44	18.53		
10	64QAM	50	0	18.45	18.56	18.42	18.55		
10	256QAM	1	0	15.00	14.33	14.27	14.22		
10	256QAM	1	25	17.61	17.23	17.15	17.12	18	5
10	256QAM	1	49	15.04	14.14	14.01	14.11		
10	256QAM	25	0	16.99	17.17	17.03	17.02		
10	256QAM	25	12	17.03	17.06	17.01	17.04	18	5
10	256QAM	25	25	16.94	17.09	17.11	16.95		
10	256QAM	50	0	16.95	17.05	16.97	16.92		
Channel				55265	55810	56115	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.63	19.46	18.99	18.39		
5	QPSK	1	12	21.48	21.47	21.32	21.03	23	0
5	QPSK	1	24	21.53	19.21	18.74	18.43		
5	QPSK	12	0	20.65	20.51	20.44	20.07		
5	QPSK	12	7	20.58	20.48	20.37	20.12	22	1
5	QPSK	12	13	20.53	20.48	20.30	19.98		
5	QPSK	25	0	20.45	20.42	20.36	20.07		
5	16QAM	1	0	20.38	18.18	18.09	18.00		
5	16QAM	1	12	20.36	20.36	20.30	20.27	22	1
5	16QAM	1	24	19.04	17.82	17.74	17.58		
5	16QAM	12	0	19.57	19.56	19.43	19.51		
5	16QAM	12	7	19.20	19.22	19.20	19.12	21	2
5	16QAM	12	13	19.10	19.27	19.19	19.21		
5	16QAM	25	0	19.48	19.59	19.50	19.53		
5	64QAM	1	0	18.16	17.47	17.39	17.39		
5	64QAM	1	12	19.48	19.56	19.53	19.60	21	2
5	64QAM	1	24	17.94	17.32	17.23	17.11		
5	64QAM	12	0	18.45	18.61	18.50	18.51		
5	64QAM	12	7	18.40	18.43	18.37	18.39	20	3
5	64QAM	12	13	18.41	18.50	18.46	18.43		
5	64QAM	25	0	18.46	18.47	18.39	18.47		
5	256QAM	1	0	15.04	14.29	14.21	14.18		
5	256QAM	1	12	17.55	17.21	17.13	17.12	18	5
5	256QAM	1	24	14.97	14.10	14.01	14.04		
5	256QAM	12	0	16.96	17.11	17.08	17.01		
5	256QAM	12	7	17.08	17.04	16.93	17.01	18	5
5	256QAM	12	13	16.93	17.15	17.09	16.95		
5	256QAM	25	0	17.01	17.05	16.91	16.98		

GSM1900 Ant2 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.24	30.28	30.07	30.50	21.24	21.28	21.07	21.50
GPRS 1 Tx slot	30.27	30.30	30.09	30.50	21.27	21.30	21.09	21.50
GPRS 2 Tx slots	28.35	28.29	28.29	29.50	22.35	22.29	22.29	23.50
GPRS 3 Tx slots	26.82	26.82	26.79	28.00	22.56	22.56	22.53	23.74
GPRS 4 Tx slots	24.43	24.47	24.52	25.50	21.43	21.47	21.52	22.50
EDGE 1 Tx slot	25.79	25.74	25.81	26.50	16.79	16.74	16.81	17.50
EDGE 2 Tx slots	24.23	24.26	24.28	25.50	18.23	18.26	18.28	19.50
EDGE 3 Tx slots	23.05	23.12	23.07	24.00	18.79	18.86	18.81	19.74
EDGE 4 Tx slots	21.11	21.10	21.14	22.00	18.11	18.10	18.14	19.00

		WCDMA II Ant2 Default				WCDMA IVI Ant2 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.49	21.44	21.38	22.40	20.99	21.02	20.92	22.30
3GPP Rel 99	RMC 12.2Kbps	21.51	21.55	21.45	22.40	21.19	21.22	21.10	22.30
3GPP Rel 6	HSDPA Subtest-1	20.18	20.16	20.05	21.40	20.17	20.32	20.04	21.30
3GPP Rel 6	HSDPA Subtest-2	20.25	20.19	20.19	21.40	20.09	20.26	19.99	21.30
3GPP Rel 6	HSDPA Subtest-3	20.05	20.04	19.87	20.90	19.57	19.77	19.53	20.80
3GPP Rel 6	HSDPA Subtest-4	19.93	20.01	19.92	20.90	19.74	19.80	19.60	20.80
3GPP Rel 8	DC-HSDPA Subtest-1	20.20	20.12	20.07	21.40	20.25	20.24	19.99	21.30
3GPP Rel 8	DC-HSDPA Subtest-2	20.23	20.32	20.07	21.40	20.16	20.21	20.06	21.30
3GPP Rel 8	DC-HSDPA Subtest-3	19.92	20.10	19.93	20.90	19.79	19.75	19.62	20.80
3GPP Rel 8	DC-HSDPA Subtest-4	19.98	19.98	19.99	20.90	19.71	19.64	19.60	20.80
3GPP Rel 6	HSUPA Subtest-1	20.26	20.25	20.18	21.40	20.29	20.25	20.06	21.30
3GPP Rel 6	HSUPA Subtest-2	18.47	18.56	18.34	19.40	18.29	18.26	18.02	19.30
3GPP Rel 6	HSUPA Subtest-3	19.61	19.54	19.40	20.40	19.28	19.12	19.00	20.30
3GPP Rel 6	HSUPA Subtest-4	18.55	18.47	18.39	19.40	18.25	18.28	18.03	19.30
3GPP Rel 6	HSUPA Subtest-5	20.15	20.33	20.07	21.40	20.15	20.31	20.08	21.30

Band 2 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.48	21.54	21.52	23	0
20	QPSK	1	49	21.47	21.45	21.43		
20	QPSK	1	99	21.45	21.52	21.38		
20	QPSK	50	0	21.45	21.51	21.49	23	0
20	QPSK	50	24	21.36	21.40	21.47		
20	QPSK	50	50	21.44	21.47	21.44		
20	QPSK	100	0	21.39	21.46	21.42		
20	16QAM	1	0	21.34	21.43	21.41	23	0
20	16QAM	1	49	21.23	21.35	21.26		
20	16QAM	1	99	21.37	21.39	21.27		
20	16QAM	50	0	20.75	20.91	20.85	22.5	0.5
20	16QAM	50	24	20.86	20.77	20.85		
20	16QAM	50	50	20.81	20.85	20.81		
20	16QAM	100	0	20.81	20.85	20.91		
20	64QAM	1	0	20.70	20.71	20.88	22.5	0.5
20	64QAM	1	49	20.84	20.84	20.88		
20	64QAM	1	99	20.88	20.87	20.77		
20	64QAM	50	0	19.81	19.75	19.87	21.5	1.5
20	64QAM	50	24	19.82	19.76	19.82		
20	64QAM	50	50	19.87	19.77	19.82		
20	64QAM	100	0	19.79	19.87	19.77		
20	256QAM	1	0	18.09	17.92	17.94	19.5	3.5
20	256QAM	1	49	18.09	18.08	17.95		
20	256QAM	1	99	18.07	17.96	18.07		
20	256QAM	50	0	17.98	17.93	17.93	19.5	3.5
20	256QAM	50	24	18.06	18.08	18.08		
20	256QAM	50	50	18.08	17.93	18.10		
20	256QAM	100	0	18.08	18.06	18.05		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.33	21.43	21.46	23	0
15	QPSK	1	37	21.39	21.29	21.35		
15	QPSK	1	74	21.33	21.50	21.24		
15	QPSK	36	0	21.29	21.48	21.37	23	0
15	QPSK	36	20	21.33	21.29	21.36		
15	QPSK	36	39	21.26	21.42	21.31		
15	QPSK	75	0	21.36	21.33	21.37		
15	16QAM	1	0	21.31	21.33	21.36	23	0
15	16QAM	1	37	21.18	21.28	21.11		
15	16QAM	1	74	21.34	21.22	21.25		
15	16QAM	36	0	20.63	20.78	20.69	22.5	0.5
15	16QAM	36	20	20.84	20.73	20.83		
15	16QAM	36	39	20.80	20.85	20.70		
15	16QAM	75	0	20.75	20.78	20.89		
15	64QAM	1	0	20.52	20.70	20.81	22.5	0.5
15	64QAM	1	37	20.74	20.71	20.74		
15	64QAM	1	74	20.75	20.85	20.75		
15	64QAM	36	0	19.69	19.74	19.86	21.5	1.5
15	64QAM	36	20	19.72	19.69	19.70		
15	64QAM	36	39	19.79	19.60	19.68		
15	64QAM	75	0	19.70	19.73	19.63		
15	256QAM	1	0	17.90	17.78	17.84	19.5	3.5
15	256QAM	1	37	17.96	17.90	17.92		
15	256QAM	1	74	17.88	17.91	18.04		
15	256QAM	36	0	17.83	17.73	17.77	19.5	3.5
15	256QAM	36	20	17.88	18.02	17.97		
15	256QAM	36	39	18.07	17.75	17.91		
15	256QAM	75	0	18.03	17.91	17.88		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.37	21.49	21.36	23	0
10	QPSK	1	25	21.28	21.41	21.39		
10	QPSK	1	49	21.26	21.40	21.22		
10	QPSK	25	0	21.40	21.43	21.47	23	0
10	QPSK	25	12	21.22	21.24	21.46		
10	QPSK	25	25	21.42	21.42	21.26		
10	QPSK	50	0	21.34	21.26	21.40		
10	16QAM	1	0	21.33	21.41	21.24	23	0
10	16QAM	1	25	21.18	21.29	21.14		
10	16QAM	1	49	21.19	21.31	21.25		
10	16QAM	25	0	20.60	20.82	20.73	22.5	0.5
10	16QAM	25	12	20.69	20.62	20.70		
10	16QAM	25	25	20.74	20.65	20.73		
10	16QAM	50	0	20.67	20.76	20.78		
10	64QAM	1	0	20.55	20.63	20.85	22.5	0.5
10	64QAM	1	25	20.65	20.67	20.78		
10	64QAM	1	49	20.84	20.71	20.73		
10	64QAM	25	0	19.63	19.67	19.68	21.5	1.5
10	64QAM	25	12	19.78	19.67	19.68		
10	64QAM	25	25	19.73	19.73	19.76		
10	64QAM	50	0	19.61	19.80	19.73		
10	256QAM	1	0	18.03	17.90	17.80	19.5	3.5
10	256QAM	1	25	18.03	17.96	17.95		
10	256QAM	1	49	17.94	17.78	18.01		
10	256QAM	25	0	17.96	17.90	17.87	19.5	3.5
10	256QAM	25	12	17.99	17.95	17.92		
10	256QAM	25	25	17.95	17.81	17.94		
10	256QAM	50	0	18.06	17.87	17.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.32	21.43	21.39	23	0
5	QPSK	1	12	21.28	21.37	21.24		
5	QPSK	1	24	21.41	21.39	21.31		
5	QPSK	12	0	21.27	21.33	21.46	23	0
5	QPSK	12	7	21.20	21.35	21.29		
5	QPSK	12	13	21.44	21.38	21.40		
5	QPSK	25	0	21.23	21.45	21.22		
5	16QAM	1	0	21.27	21.43	21.36	23	0
5	16QAM	1	12	21.19	21.26	21.13		
5	16QAM	1	24	21.27	21.25	21.15		
5	16QAM	12	0	20.67	20.89	20.78	22.5	0.5
5	16QAM	12	7	20.69	20.58	20.66		
5	16QAM	12	13	20.79	20.81	20.79		
5	16QAM	25	0	20.74	20.79	20.72		
5	64QAM	1	0	20.65	20.56	20.76	22.5	0.5
5	64QAM	1	12	20.78	20.70	20.77		
5	64QAM	1	24	20.72	20.69	20.73		
5	64QAM	12	0	19.66	19.58	19.81	21.5	1.5
5	64QAM	12	7	19.65	19.57	19.77		
5	64QAM	12	13	19.83	19.76	19.67		
5	64QAM	25	0	19.64	19.71	19.59		
5	256QAM	1	0	17.90	17.85	17.78	19.5	3.5
5	256QAM	1	12	18.01	17.98	17.94		
5	256QAM	1	24	17.98	17.86	17.95		
5	256QAM	12	0	17.84	17.83	17.91	19.5	3.5
5	256QAM	12	7	17.90	18.07	18.06		
5	256QAM	12	13	17.96	17.84	18.03		
5	256QAM	25	0	17.92	17.92	18.02		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.39	21.43	21.50	23	0
3	QPSK	1	8	21.44	21.31	21.28		
3	QPSK	1	14	21.43	21.50	21.23		
3	QPSK	8	0	21.41	21.41	21.30	23	0
3	QPSK	8	4	21.34	21.31	21.45		
3	QPSK	8	7	21.29	21.45	21.24		
3	QPSK	15	0	21.36	21.34	21.35		
3	16QAM	1	0	21.30	21.23	21.24	23	0
3	16QAM	1	8	21.09	21.26	21.22		
3	16QAM	1	14	21.25	21.24	21.11		
3	16QAM	8	0	20.62	20.76	20.80	22.5	0.5
3	16QAM	8	4	20.73	20.73	20.85		
3	16QAM	8	7	20.74	20.77	20.63		
3	16QAM	15	0	20.69	20.74	20.81		
3	64QAM	1	0	20.59	20.62	20.80	22.5	0.5
3	64QAM	1	8	20.69	20.67	20.78		
3	64QAM	1	14	20.69	20.77	20.59		
3	64QAM	8	0	19.62	19.73	19.84	21.5	1.5
3	64QAM	8	4	19.67	19.59	19.76		
3	64QAM	8	7	19.82	19.76	19.69		
3	64QAM	15	0	19.62	19.76	19.63		
3	256QAM	1	0	17.97	17.75	17.79	19.5	3.5
3	256QAM	1	8	18.05	17.94	17.93		
3	256QAM	1	14	17.99	17.87	17.95		
3	256QAM	8	0	17.78	17.88	17.88	19.5	3.5
3	256QAM	8	4	17.91	18.07	17.92		
3	256QAM	8	7	17.95	17.91	17.95		
3	256QAM	15	0	17.96	17.98	17.87		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.32	21.44	21.46	23	0
1.4	QPSK	1	3	21.30	21.52	21.43		
1.4	QPSK	1	5	21.43	21.44	21.39		
1.4	QPSK	3	0	21.31	21.47	21.37		
1.4	QPSK	3	1	21.47	21.50	21.39		
1.4	QPSK	3	3	21.28	21.41	21.42		
1.4	QPSK	6	0	21.35	21.47	21.46	23	0
1.4	16QAM	1	0	21.31	21.36	21.46	23	0
1.4	16QAM	1	3	21.37	21.39	21.33		
1.4	16QAM	1	5	21.35	21.36	21.42		
1.4	16QAM	3	0	21.39	21.48	21.48		
1.4	16QAM	3	1	21.37	21.43	21.38		
1.4	16QAM	3	3	21.47	21.47	21.38		
1.4	16QAM	6	0	20.79	20.69	20.73	22.5	0.5
1.4	64QAM	1	0	20.78	20.66	20.72	22.5	0.5
1.4	64QAM	1	3	20.73	20.59	20.65		
1.4	64QAM	1	5	20.77	20.58	20.74		
1.4	64QAM	3	0	20.77	20.58	20.74		
1.4	64QAM	3	1	20.80	20.66	20.83		
1.4	64QAM	3	3	20.83	20.59	20.82		
1.4	64QAM	6	0	19.80	19.69	19.67	21.5	1.5
1.4	256QAM	1	0	18.73	18.71	18.69	19.5	3.5
1.4	256QAM	1	3	18.55	18.58	18.64		
1.4	256QAM	1	5	18.57	18.57	18.73		
1.4	256QAM	3	0	18.47	18.50	18.58		
1.4	256QAM	3	1	18.58	18.58	18.48		
1.4	256QAM	3	3	18.63	18.65	18.56		
1.4	256QAM	6	0	18.51	18.60	18.48	19.5	3.5

Band 4 Ant2 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.60	20.61	20.52	22.3	0
20	QPSK	1	49	20.59	20.50	20.40		
20	QPSK	1	99	20.60	20.54	20.51		
20	QPSK	50	0	20.39	20.58	20.46	22.3	0
20	QPSK	50	24	20.50	20.55	20.49		
20	QPSK	50	50	20.50	20.57	20.35		
20	QPSK	100	0	20.48	20.53	20.50		
20	16QAM	1	0	20.47	20.59	20.33	22.3	0
20	16QAM	1	49	20.48	20.52	20.48		
20	16QAM	1	99	20.47	20.58	20.32		
20	16QAM	50	0	20.40	20.52	20.50	22.3	0
20	16QAM	50	24	20.40	20.40	20.51		
20	16QAM	50	50	20.58	20.53	20.50		
20	16QAM	100	0	20.47	20.45	20.30		
20	64QAM	1	0	20.42	20.53	20.44	22.3	0
20	64QAM	1	49	20.46	20.49	20.52		
20	64QAM	1	99	20.46	20.46	20.34		
20	64QAM	50	0	19.69	19.46	19.55	21.3	1
20	64QAM	50	24	19.62	19.68	19.56		
20	64QAM	50	50	19.70	19.49	19.50		
20	64QAM	100	0	19.59	19.80	19.57		
20	256QAM	1	0	18.06	17.81	17.74	19.3	3
20	256QAM	1	49	17.97	17.81	17.79		
20	256QAM	1	99	17.90	17.64	17.83		
20	256QAM	50	0	17.95	17.60	17.84	19.3	3
20	256QAM	50	24	17.89	17.80	17.88		
20	256QAM	50	50	17.87	17.80	18.01		
20	256QAM	100	0	18.07	17.76	17.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.48	20.42	20.42	22.3	0
15	QPSK	1	37	20.55	20.34	20.48		
15	QPSK	1	74	20.51	20.54	20.52		
15	QPSK	36	0	20.34	20.45	20.44	22.3	0
15	QPSK	36	20	20.42	20.50	20.42		
15	QPSK	36	39	20.42	20.45	20.34		
15	QPSK	75	0	20.36	20.44	20.45		
15	16QAM	1	0	20.32	20.50	20.50	22.3	0
15	16QAM	1	37	20.40	20.53	20.46		
15	16QAM	1	74	20.43	20.55	20.36		
15	16QAM	36	0	20.32	20.42	20.46	22.3	0
15	16QAM	36	20	20.42	20.38	20.44		
15	16QAM	36	39	20.37	20.36	20.42		
15	16QAM	75	0	20.34	20.45	20.45		
15	64QAM	1	0	20.42	20.35	20.36	22.3	0
15	64QAM	1	37	20.42	20.34	20.43		
15	64QAM	1	74	20.44	20.33	20.36		
15	64QAM	36	0	19.58	19.40	19.51	21.3	1
15	64QAM	36	20	19.53	19.58	19.58		
15	64QAM	36	39	19.56	19.49	19.32		
15	64QAM	75	0	19.53	19.74	19.36		
15	256QAM	1	0	17.91	17.74	17.61	19.3	3
15	256QAM	1	37	17.96	17.74	17.65		
15	256QAM	1	74	17.70	17.65	17.70		
15	256QAM	36	0	17.82	17.55	17.85	19.3	3
15	256QAM	36	20	17.90	17.81	17.89		
15	256QAM	36	39	17.89	17.59	18.01		
15	256QAM	75	0	17.91	17.57	17.80		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.54	20.48	20.52	22.3	0
10	QPSK	1	25	20.56	20.38	20.43		
10	QPSK	1	49	20.42	20.42	20.33		
10	QPSK	25	0	20.37	20.55	20.33	22.3	0
10	QPSK	25	12	20.48	20.37	20.42		
10	QPSK	25	25	20.33	20.52	20.33		
10	QPSK	50	0	20.47	20.34	20.30		
10	16QAM	1	0	20.38	20.43	20.50	22.3	0
10	16QAM	1	25	20.30	20.35	20.34		
10	16QAM	1	49	20.48	20.52	20.37		
10	16QAM	25	0	20.32	20.44	20.40	22.3	0
10	16QAM	25	12	20.39	20.30	20.39		
10	16QAM	25	25	20.57	20.44	20.40		
10	16QAM	50	0	20.33	20.44	20.32		
10	64QAM	1	0	20.36	20.54	20.43	22.3	0
10	64QAM	1	25	20.32	20.42	20.47		
10	64QAM	1	49	20.33	20.44	20.34		
10	64QAM	25	0	19.54	19.46	19.56	21.3	1
10	64QAM	25	12	19.50	19.51	19.56		
10	64QAM	25	25	19.56	19.37	19.37		
10	64QAM	50	0	19.51	19.74	19.47		
10	256QAM	1	0	17.88	17.73	17.71	19.3	3
10	256QAM	1	25	17.86	17.78	17.81		
10	256QAM	1	49	17.81	17.59	17.81		
10	256QAM	25	0	17.76	17.58	17.66	19.3	3
10	256QAM	25	12	17.90	17.69	17.82		
10	256QAM	25	25	17.80	17.77	17.94		
10	256QAM	50	0	17.95	17.76	17.69		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.42	20.59	20.44	22.3	0
5	QPSK	1	12	20.39	20.41	20.36		
5	QPSK	1	24	20.60	20.36	20.33		
5	QPSK	12	0	20.31	20.54	20.32	22.3	0
5	QPSK	12	7	20.33	20.41	20.32		
5	QPSK	12	13	20.33	20.41	20.30		
5	QPSK	25	0	20.35	20.46	20.45		
5	16QAM	1	0	20.46	20.60	20.37	22.3	0
5	16QAM	1	12	20.45	20.41	20.38		
5	16QAM	1	24	20.39	20.44	20.38		
5	16QAM	12	0	20.39	20.35	20.40	22.3	0
5	16QAM	12	7	20.34	20.34	20.43		
5	16QAM	12	13	20.55	20.39	20.43		
5	16QAM	25	0	20.47	20.31	20.32		
5	64QAM	1	0	20.33	20.44	20.30	22.3	0
5	64QAM	1	12	20.32	20.46	20.43		
5	64QAM	1	24	20.32	20.42	20.48		
5	64QAM	12	0	19.50	19.31	19.39	21.3	1
5	64QAM	12	7	19.54	19.67	19.54		
5	64QAM	12	13	19.52	19.45	19.33		
5	64QAM	25	0	19.46	19.76	19.54		
5	256QAM	1	0	17.89	17.72	17.67	19.3	3
5	256QAM	1	12	17.88	17.83	17.81		
5	256QAM	1	24	17.83	17.60	17.78		
5	256QAM	12	0	17.94	17.53	17.70	19.3	3
5	256QAM	12	7	17.69	17.77	17.73		
5	256QAM	12	13	17.74	17.71	17.89		
5	256QAM	25	0	17.98	17.62	17.82		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.51	20.50	20.49	22.3	0
3	QPSK	1	8	20.57	20.49	20.32		
3	QPSK	1	14	20.58	20.50	20.49		
3	QPSK	8	0	20.36	20.55	20.35	22.3	0
3	QPSK	8	4	20.30	20.52	20.41		
3	QPSK	8	7	20.38	20.45	20.30		
3	QPSK	15	0	20.47	20.44	20.35		
3	16QAM	1	0	20.36	20.56	20.45	22.3	0
3	16QAM	1	8	20.47	20.49	20.43		
3	16QAM	1	14	20.41	20.37	20.34		
3	16QAM	8	0	20.32	20.46	20.47	22.3	0
3	16QAM	8	4	20.39	20.35	20.36		
3	16QAM	8	7	20.57	20.40	20.39		
3	16QAM	15	0	20.44	20.40	20.32		
3	64QAM	1	0	20.41	20.53	20.30	22.3	0
3	64QAM	1	8	20.39	20.46	20.34		
3	64QAM	1	14	20.44	20.45	20.38		
3	64QAM	8	0	19.56	19.34	19.38	21.3	1
3	64QAM	8	4	19.46	19.47	19.35		
3	64QAM	8	7	19.56	19.46	19.45		
3	64QAM	15	0	19.47	19.80	19.42		
3	256QAM	1	0	17.87	17.76	17.71	19.3	3
3	256QAM	1	8	17.94	17.68	17.80		
3	256QAM	1	14	17.71	17.45	17.64		
3	256QAM	8	0	17.75	17.40	17.81	19.3	3
3	256QAM	8	4	17.87	17.60	17.72		
3	256QAM	8	7	17.70	17.80	17.83		
3	256QAM	15	0	18.09	17.64	17.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.41	20.59	20.53	22.3	0
1.4	QPSK	1	3	20.50	20.47	20.35		
1.4	QPSK	1	5	20.43	20.33	20.45		
1.4	QPSK	3	0	20.30	20.42	20.35		
1.4	QPSK	3	1	20.48	20.46	20.30		
1.4	QPSK	3	3	20.35	20.49	20.30		
1.4	QPSK	6	0	20.42	20.33	20.48	22.3	0
1.4	16QAM	1	0	20.42	20.48	20.45	22.3	0
1.4	16QAM	1	3	20.33	20.40	20.44		
1.4	16QAM	1	5	20.47	20.37	20.47		
1.4	16QAM	3	0	20.35	20.40	20.32		
1.4	16QAM	3	1	20.41	20.43	20.43		
1.4	16QAM	3	3	20.52	20.42	20.47		
1.4	16QAM	6	0	20.31	20.37	20.42	22.3	0
1.4	64QAM	1	0	20.35	20.49	20.45	22.3	0
1.4	64QAM	1	3	20.42	20.32	20.36		
1.4	64QAM	1	5	20.36	20.40	20.35		
1.4	64QAM	3	0	20.46	20.39	20.37		
1.4	64QAM	3	1	20.51	20.44	20.34		
1.4	64QAM	3	3	20.47	20.31	20.36		
1.4	64QAM	6	0	19.48	19.65	19.49	21.3	1
1.4	256QAM	1	0	17.95	17.59	17.65	19.3	3
1.4	256QAM	1	3	17.89	17.75	17.58		
1.4	256QAM	1	5	17.79	17.58	17.71		
1.4	256QAM	3	0	17.97	17.58	17.74		
1.4	256QAM	3	1	17.83	17.69	17.70		
1.4	256QAM	3	3	17.70	17.68	17.92		
1.4	256QAM	6	0	17.86	17.74	17.85	19.3	3

Band 7 Ant2 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.51	20.56	20.47	21.4	0
20	QPSK	1	49	20.39	20.34	20.43		
20	QPSK	1	99	20.44	20.43	20.40		
20	QPSK	50	0	20.34	20.54	20.46	21.4	0
20	QPSK	50	24	20.51	20.40	20.45		
20	QPSK	50	50	20.46	20.53	20.46		
20	QPSK	100	0	20.29	20.50	20.47		
20	16QAM	1	0	20.43	20.46	20.32	21.4	0
20	16QAM	1	49	20.34	20.42	20.28		
20	16QAM	1	99	20.30	20.48	20.48		
20	16QAM	50	0	20.37	20.50	20.37	21.4	0
20	16QAM	50	24	20.32	20.46	20.37		
20	16QAM	50	50	20.45	20.35	20.32		
20	16QAM	100	0	20.44	20.34	20.40		
20	64QAM	1	0	20.45	20.38	20.45	21.4	0
20	64QAM	1	49	20.41	20.47	20.38		
20	64QAM	1	99	20.53	20.35	20.26		
20	64QAM	50	0	19.71	19.61	19.88	20.4	1
20	64QAM	50	24	19.66	19.87	19.47		
20	64QAM	50	50	19.80	19.75	19.55		
20	64QAM	100	0	19.70	19.87	19.55		
20	256QAM	1	0	18.11	17.91	17.67	18.4	3
20	256QAM	1	49	18.05	17.89	17.88		
20	256QAM	1	99	17.99	17.85	17.80		
20	256QAM	50	0	17.80	17.75	17.93	18.4	3
20	256QAM	50	24	18.20	17.93	17.99		
20	256QAM	50	50	17.91	18.06	18.17		
20	256QAM	100	0	18.17	17.90	17.98		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.32	20.41	20.28	21.4	0
15	QPSK	1	37	20.30	20.32	20.38		
15	QPSK	1	74	20.42	20.27	20.28		
15	QPSK	36	0	20.30	20.48	20.40	21.4	0
15	QPSK	36	20	20.46	20.35	20.34		
15	QPSK	36	39	20.31	20.45	20.27		
15	QPSK	75	0	20.14	20.32	20.26		
15	16QAM	1	0	20.42	20.37	20.29	21.4	0
15	16QAM	1	37	20.21	20.39	20.09		
15	16QAM	1	74	20.20	20.41	20.36		
15	16QAM	36	0	20.39	20.33	20.27	21.4	0
15	16QAM	36	20	20.19	20.25	20.17		
15	16QAM	36	39	20.34	20.30	20.24		
15	16QAM	75	0	20.24	20.34	20.38		
15	64QAM	1	0	20.31	20.29	20.34	21.4	0
15	64QAM	1	37	20.33	20.48	20.31		
15	64QAM	1	74	20.49	20.14	20.16		
15	64QAM	36	0	19.57	19.62	19.66	20.4	1
15	64QAM	36	20	19.65	19.78	19.28		
15	64QAM	36	39	19.64	19.56	19.45		
15	64QAM	75	0	19.71	19.66	19.48		
15	256QAM	1	0	17.97	17.74	17.57	18.4	3
15	256QAM	1	37	17.97	17.74	17.86		
15	256QAM	1	74	17.93	17.84	17.69		
15	256QAM	36	0	17.77	17.69	17.84	18.4	3
15	256QAM	36	20	18.03	17.87	17.96		
15	256QAM	36	39	17.85	17.93	18.16		
15	256QAM	75	0	18.13	17.71	17.98		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.46	20.48	20.36	21.4	0
10	QPSK	1	25	20.31	20.31	20.32		
10	QPSK	1	49	20.28	20.29	20.32		
10	QPSK	25	0	20.21	20.47	20.29	21.4	0
10	QPSK	25	12	20.47	20.31	20.30		
10	QPSK	25	25	20.35	20.36	20.33		
10	QPSK	50	0	20.08	20.42	20.44		
10	16QAM	1	0	20.33	20.41	20.26	21.4	0
10	16QAM	1	25	20.30	20.36	20.12		
10	16QAM	1	49	20.31	20.28	20.33		
10	16QAM	25	0	20.28	20.33	20.25	21.4	0
10	16QAM	25	12	20.21	20.37	20.37		
10	16QAM	25	25	20.37	20.20	20.16		
10	16QAM	50	0	20.22	20.34	20.41		
10	64QAM	1	0	20.28	20.25	20.31	21.4	0
10	64QAM	1	25	20.22	20.34	20.19		
10	64QAM	1	49	20.51	20.16	20.22		
10	64QAM	25	0	19.60	19.57	19.69	20.4	1
10	64QAM	25	12	19.65	19.71	19.47		
10	64QAM	25	25	19.69	19.69	19.41		
10	64QAM	50	0	19.57	19.87	19.43		
10	256QAM	1	0	18.02	17.70	17.66	18.4	3
10	256QAM	1	25	17.90	17.77	17.88		
10	256QAM	1	49	18.00	17.77	17.69		
10	256QAM	25	0	17.98	17.73	17.78	18.4	3
10	256QAM	25	12	17.78	17.90	18.05		
10	256QAM	25	25	18.10	17.70	17.87		
10	256QAM	50	0	18.11	17.81	17.82		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.32	20.52	20.26	21.4	0
5	QPSK	1	12	20.35	20.16	20.40		
5	QPSK	1	24	20.29	20.38	20.24		
5	QPSK	12	0	20.36	20.48	20.43	21.4	0
5	QPSK	12	7	20.42	20.32	20.30		
5	QPSK	12	13	20.29	20.52	20.43		
5	QPSK	25	0	20.19	20.34	20.43		
5	16QAM	1	0	20.29	20.39	20.33	21.4	0
5	16QAM	1	12	20.35	20.38	20.07		
5	16QAM	1	24	20.10	20.38	20.35		
5	16QAM	12	0	20.31	20.45	20.36	21.4	0
5	16QAM	12	7	20.28	20.29	20.20		
5	16QAM	12	13	20.45	20.18	20.11		
5	16QAM	25	0	20.44	20.31	20.30		
5	64QAM	1	0	20.30	20.18	20.27	21.4	0
5	64QAM	1	12	20.39	20.27	20.33		
5	64QAM	1	24	20.55	20.21	20.20		
5	64QAM	12	0	19.68	19.53	19.79	20.4	1
5	64QAM	12	7	19.63	19.67	19.31		
5	64QAM	12	13	19.60	19.62	19.37		
5	64QAM	25	0	19.70	19.84	19.37		
5	256QAM	1	0	18.18	17.79	17.93	18.4	3
5	256QAM	1	12	17.79	17.98	18.00		
5	256QAM	1	24	18.10	17.90	17.77		
5	256QAM	12	0	17.61	17.68	17.73	18.4	3
5	256QAM	12	7	18.10	17.88	17.88		
5	256QAM	12	13	17.75	17.99	18.06		
5	256QAM	25	0	18.14	17.83	17.82		

Band 25 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.59	21.62	21.44	23	0
20	QPSK	1	49	21.51	21.35	21.39		
20	QPSK	1	99	21.42	21.54	21.44		
20	QPSK	50	0	21.32	21.58	21.32	23	0
20	QPSK	50	24	21.39	21.52	21.41		
20	QPSK	50	50	21.44	21.39	21.37		
20	QPSK	100	0	21.33	21.48	21.29		
20	16QAM	1	0	21.36	21.56	21.40	23	0
20	16QAM	1	49	21.24	21.19	21.28		
20	16QAM	1	99	21.49	21.51	21.40		
20	16QAM	50	0	20.63	21.04	20.81	22.5	0.5
20	16QAM	50	24	20.98	20.93	20.93		
20	16QAM	50	50	20.93	20.76	20.88		
20	16QAM	100	0	20.66	20.73	20.84		
20	64QAM	1	0	20.87	20.76	20.84	22.5	0.5
20	64QAM	1	49	20.87	20.89	20.96		
20	64QAM	1	99	20.89	20.94	20.84		
20	64QAM	50	0	19.99	19.65	19.89	21.5	1.5
20	64QAM	50	24	19.67	19.92	19.68		
20	64QAM	50	50	19.95	19.83	19.75		
20	64QAM	100	0	19.75	20.01	19.74		
20	256QAM	1	0	18.11	18.04	18.00	19.5	3.5
20	256QAM	1	49	18.13	18.08	17.86		
20	256QAM	1	99	18.12	17.96	18.00		
20	256QAM	50	0	18.11	17.92	17.87	19.5	3.5
20	256QAM	50	24	18.03	18.14	18.16		
20	256QAM	50	50	18.02	17.93	18.15		
20	256QAM	100	0	18.24	18.07	18.21		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.38	21.40	21.33	23	0
15	QPSK	1	37	21.48	21.24	21.31		
15	QPSK	1	74	21.29	21.47	21.17		
15	QPSK	36	0	21.28	21.33	21.32	23	0
15	QPSK	36	20	21.30	21.40	21.25		
15	QPSK	36	39	21.45	21.35	21.34		
15	QPSK	75	0	21.40	21.33	21.33		
15	16QAM	1	0	21.11	21.41	21.14	23	0
15	16QAM	1	37	21.31	21.23	21.17		
15	16QAM	1	74	21.40	21.23	21.18		
15	16QAM	36	0	20.50	20.92	20.66	22.5	0.5
15	16QAM	36	20	20.84	20.69	20.88		
15	16QAM	36	39	20.71	20.77	20.73		
15	16QAM	75	0	20.72	20.64	20.80		
15	64QAM	1	0	20.64	20.62	20.69	22.5	0.5
15	64QAM	1	37	20.85	20.89	20.71		
15	64QAM	1	74	20.74	20.78	20.74		
15	64QAM	36	0	19.78	19.70	19.67	21.5	1.5
15	64QAM	36	20	19.74	19.69	19.58		
15	64QAM	36	39	19.87	19.62	19.66		
15	64QAM	75	0	19.77	19.87	19.59		
15	256QAM	1	0	18.16	17.96	17.88	19.5	3.5
15	256QAM	1	37	18.02	18.08	17.76		
15	256QAM	1	74	17.95	17.90	17.98		
15	256QAM	36	0	17.86	17.84	17.92	19.5	3.5
15	256QAM	36	20	18.11	17.85	18.06		
15	256QAM	36	39	17.96	17.97	18.15		
15	256QAM	75	0	17.99	17.81	17.95		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.38	21.44	21.35	23	0
10	QPSK	1	25	21.30	21.22	21.17		
10	QPSK	1	49	21.36	21.37	21.16		
10	QPSK	25	0	21.26	21.37	21.40	23	0
10	QPSK	25	12	21.32	21.28	21.38		
10	QPSK	25	25	21.39	21.35	21.37		
10	QPSK	50	0	21.42	21.27	21.20		
10	16QAM	1	0	21.18	21.36	21.14	23	0
10	16QAM	1	25	21.23	21.23	21.16		
10	16QAM	1	49	21.24	21.21	21.17		
10	16QAM	25	0	20.61	20.93	20.82	22.5	0.5
10	16QAM	25	12	20.80	20.75	20.78		
10	16QAM	25	25	20.76	20.71	20.82		
10	16QAM	50	0	20.71	20.56	20.92		
10	64QAM	1	0	20.70	20.54	20.77	22.5	0.5
10	64QAM	1	25	20.81	20.87	20.78		
10	64QAM	1	49	20.78	20.68	20.63		
10	64QAM	25	0	19.88	19.55	19.74	21.5	1.5
10	64QAM	25	12	19.67	19.84	19.59		
10	64QAM	25	25	19.81	19.77	19.58		
10	64QAM	50	0	19.70	19.75	19.63		
10	256QAM	1	0	18.19	17.93	17.80	19.5	3.5
10	256QAM	1	25	18.08	18.06	17.74		
10	256QAM	1	49	17.84	17.88	18.01		
10	256QAM	25	0	17.98	17.77	17.87	19.5	3.5
10	256QAM	25	12	18.12	17.98	18.03		
10	256QAM	25	25	18.03	17.84	18.09		
10	256QAM	50	0	18.11	17.91	18.02		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.37	21.53	21.37	23	0
5	QPSK	1	12	21.45	21.27	21.22		
5	QPSK	1	24	21.32	21.40	21.20		
5	QPSK	12	0	21.23	21.37	21.37	23	0
5	QPSK	12	7	21.24	21.42	21.31		
5	QPSK	12	13	21.36	21.33	21.30		
5	QPSK	25	0	21.28	21.42	21.24		
5	16QAM	1	0	21.20	21.46	21.27	23	0
5	16QAM	1	12	21.14	21.22	21.27		
5	16QAM	1	24	21.35	21.24	21.27		
5	16QAM	12	0	20.65	20.98	20.70	22.5	0.5
5	16QAM	12	7	20.76	20.75	20.81		
5	16QAM	12	13	20.82	20.66	20.80		
5	16QAM	25	0	20.70	20.66	20.91		
5	64QAM	1	0	20.70	20.53	20.77	22.5	0.5
5	64QAM	1	12	20.76	20.84	20.74		
5	64QAM	1	24	20.71	20.85	20.66		
5	64QAM	12	0	19.86	19.64	19.74	21.5	1.5
5	64QAM	12	7	19.56	19.74	19.69		
5	64QAM	12	13	19.90	19.71	19.53		
5	64QAM	25	0	19.67	19.87	19.66		
5	256QAM	1	0	18.08	17.85	17.82	19.5	3.5
5	256QAM	1	12	18.02	17.92	17.79		
5	256QAM	1	24	17.92	17.79	18.01		
5	256QAM	12	0	18.02	17.78	17.84	19.5	3.5
5	256QAM	12	7	18.06	17.94	17.99		
5	256QAM	12	13	17.91	17.90	17.99		
5	256QAM	25	0	18.00	17.89	17.98		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.37	21.47	21.46	23	0
3	QPSK	1	8	21.32	21.30	21.17		
3	QPSK	1	14	21.43	21.34	21.21		
3	QPSK	8	0	21.24	21.45	21.30	23	0
3	QPSK	8	4	21.39	21.32	21.31		
3	QPSK	8	7	21.31	21.31	21.19		
3	QPSK	15	0	21.24	21.38	21.18		
3	16QAM	1	0	21.10	21.35	21.27	23	0
3	16QAM	1	8	21.25	21.16	21.22		
3	16QAM	1	14	21.31	21.25	21.18		
3	16QAM	8	0	20.81	20.95	20.79	22.5	0.5
3	16QAM	8	4	20.77	20.83	20.89		
3	16QAM	8	7	20.81	20.76	20.81		
3	16QAM	15	0	20.68	20.71	20.77		
3	64QAM	1	0	20.67	20.53	20.67	22.5	0.5
3	64QAM	1	8	20.85	20.82	20.79		
3	64QAM	1	14	20.79	20.69	20.71		
3	64QAM	8	0	19.88	19.67	19.67	21.5	1.5
3	64QAM	8	4	19.65	19.80	19.72		
3	64QAM	8	7	19.89	19.66	19.53		
3	64QAM	15	0	19.58	19.86	19.78		
3	256QAM	1	0	18.17	17.86	17.89	19.5	3.5
3	256QAM	1	8	18.02	18.08	17.81		
3	256QAM	1	14	17.83	17.75	17.90		
3	256QAM	8	0	17.87	17.80	17.94	19.5	3.5
3	256QAM	8	4	17.95	18.04	18.04		
3	256QAM	8	7	17.94	17.98	18.03		
3	256QAM	15	0	18.10	17.98	18.12		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.36	21.44	21.37	23	0
1.4	QPSK	1	3	21.46	21.49	21.48		
1.4	QPSK	1	5	21.43	21.41	21.47		
1.4	QPSK	3	0	21.35	21.51	21.50		
1.4	QPSK	3	1	21.32	21.40	21.37		
1.4	QPSK	3	3	21.42	21.53	21.42		
1.4	QPSK	6	0	21.47	21.46	21.46	23	0
1.4	16QAM	1	0	21.36	21.49	21.46	23	0
1.4	16QAM	1	3	21.29	21.53	21.47		
1.4	16QAM	1	5	21.36	21.50	21.33		
1.4	16QAM	3	0	21.45	21.52	21.40		
1.4	16QAM	3	1	21.41	21.47	21.38		
1.4	16QAM	3	3	21.38	21.48	21.45		
1.4	16QAM	6	0	20.83	20.60	20.69	22.5	0.5
1.4	64QAM	1	0	20.79	20.64	20.67	22.5	0.5
1.4	64QAM	1	3	20.76	20.73	20.69		
1.4	64QAM	1	5	20.76	20.59	20.83		
1.4	64QAM	3	0	20.84	20.67	20.83		
1.4	64QAM	3	1	20.76	20.60	20.65		
1.4	64QAM	3	3	20.84	20.59	20.74		
1.4	64QAM	6	0	19.71	19.69	19.83	21.5	1.5
1.4	256QAM	1	0	18.74	18.67	18.60	19.5	3.5
1.4	256QAM	1	3	18.68	18.68	18.56		
1.4	256QAM	1	5	18.70	18.59	18.65		
1.4	256QAM	3	0	18.52	18.51	18.66		
1.4	256QAM	3	1	18.63	18.56	18.55		
1.4	256QAM	3	3	18.53	18.62	18.58		
1.4	256QAM	6	0	18.50	18.49	18.61	19.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132222	132372		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.51	20.62	20.57		
20	QPSK	1	49	20.38	20.44	20.41	22.3	0
20	QPSK	1	99	20.35	20.58	20.51		
20	QPSK	50	0	20.47	20.60	20.44		
20	QPSK	50	24	20.45	20.52	20.55	22.3	0
20	QPSK	50	50	20.50	20.58	20.59		
20	QPSK	100	0	20.40	20.55	20.40		
20	16QAM	1	0	20.37	20.41	20.59		
20	16QAM	1	49	20.52	20.50	20.45	22.3	0
20	16QAM	1	99	20.40	20.52	20.38		
20	16QAM	50	0	20.49	20.48	20.53		
20	16QAM	50	24	20.30	20.59	20.50	22.3	0
20	16QAM	50	50	20.35	20.52	20.53		
20	16QAM	100	0	20.35	20.45	20.58		
20	64QAM	1	0	20.46	20.49	20.47		
20	64QAM	1	49	20.49	20.49	20.40	22.3	0
20	64QAM	1	99	20.40	20.51	20.41		
20	64QAM	50	0	19.79	19.50	19.58		
20	64QAM	50	24	19.58	19.64	19.40	21.3	1
20	64QAM	50	50	19.85	19.77	19.46		
20	64QAM	100	0	19.56	19.76	19.62		
20	256QAM	1	0	18.04	17.81	17.61		
20	256QAM	1	49	17.94	17.83	17.66	19.3	3
20	256QAM	1	99	17.70	17.74	17.76		
20	256QAM	50	0	17.93	17.55	17.70		
20	256QAM	50	24	17.86	17.84	17.79	19.3	3
20	256QAM	50	50	17.83	17.75	17.89		
20	256QAM	100	0	17.86	17.86	17.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.30	20.41	20.53		
15	QPSK	1	37	20.31	20.41	20.35	22.3	0
15	QPSK	1	74	20.42	20.50	20.48		
15	QPSK	36	0	20.44	20.45	20.35		
15	QPSK	36	20	20.45	20.52	20.48	22.3	0
15	QPSK	36	39	20.38	20.59	20.54		
15	QPSK	75	0	20.42	20.54	20.38		
15	16QAM	1	0	20.41	20.33	20.46		
15	16QAM	1	37	20.30	20.47	20.42	22.3	0
15	16QAM	1	74	20.42	20.48	20.36		
15	16QAM	36	0	20.37	20.44	20.53		
15	16QAM	36	20	20.38	20.42	20.47	22.3	0
15	16QAM	36	39	20.32	20.33	20.51		
15	16QAM	75	0	20.31	20.42	20.50		
15	64QAM	1	0	20.39	20.40	20.39		
15	64QAM	1	37	20.46	20.47	20.33	22.3	0
15	64QAM	1	74	20.30	20.36	20.40		
15	64QAM	36	0	19.61	19.38	19.44		
15	64QAM	36	20	19.51	19.46	19.35	21.3	1
15	64QAM	36	39	19.55	19.64	19.30		
15	64QAM	75	0	19.46	19.63	19.44		
15	256QAM	1	0	17.83	17.75	17.61		
15	256QAM	1	37	17.93	17.68	17.59	19.3	3
15	256QAM	1	74	17.66	17.65	17.76		
15	256QAM	36	0	17.87	17.48	17.55		
15	256QAM	36	20	17.68	17.78	17.67	19.3	3
15	256QAM	36	39	17.71	17.67	17.70		
15	256QAM	75	0	17.81	17.82	17.81		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.52	20.47	20.50		
10	QPSK	1	25	20.47	20.54	20.31	22.3	0
10	QPSK	1	49	20.37	20.51	20.36		
10	QPSK	25	0	20.41	20.43	20.49		
10	QPSK	25	12	20.34	20.39	20.44	22.3	0
10	QPSK	25	25	20.41	20.42	20.45		
10	QPSK	50	0	20.30	20.42	20.32		
10	16QAM	1	0	20.35	20.50	20.49		
10	16QAM	1	25	20.49	20.46	20.44	22.3	0
10	16QAM	1	49	20.32	20.49	20.36		
10	16QAM	25	0	20.31	20.50	20.35		
10	16QAM	25	12	20.53	20.61	20.39	22.3	0
10	16QAM	25	25	20.54	20.53	20.32		
10	16QAM	50	0	20.35	20.30	20.42		
10	64QAM	1	0	20.59	20.30	20.49		
10	64QAM	1	25	20.44	20.48	20.38	22.3	0
10	64QAM	1	49	20.32	20.31	20.35		
10	64QAM	25	0	19.72	19.32	19.36		
10	64QAM	25	12	19.49	19.45	19.39	21.3	1
10	64QAM	25	25	19.77	19.63	19.41		
10	64QAM	50	0	19.49	19.63	19.59		
10	256QAM	1	0	17.99	17.74	17.56		
10	256QAM	1	25	17.86	17.74	17.51	19.3	3
10	256QAM	1	49	17.53	17.73	17.69		
10	256QAM	25	0	17.72	17.36	17.56		
10	256QAM	25	12	17.70	17.78	17.73	19.3	3
10	256QAM	25	25	17.79	17.54	17.70		
10	256QAM	50	0	17.74	17.81	17.89		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.41	20.43	20.58		
5	QPSK	1	12	20.51	20.39	20.51	22.3	0
5	QPSK	1	24	20.39	20.57	20.33		
5	QPSK	12	0	20.48	20.55	20.43		
5	QPSK	12	7	20.46	20.48	20.42	22.3	0
5	QPSK	12	13	20.35	20.48	20.42		
5	QPSK	25	0	20.33	20.50	20.58		
5	16QAM	1	0	20.38	20.35	20.48		
5	16QAM	1	12	20.42	20.47	20.45	22.3	0
5	16QAM	1	24	20.36	20.33	20.56		
5	16QAM	12	0	20.46	20.48	20.40		
5	16QAM	12	7	20.53	20.44	20.44	22.3	0
5	16QAM	12	13	20.58	20.52	20.51		
5	16QAM	25	0	20.52	20.45	20.45		
5	64QAM	1	0	20.50	20.49	20.36		
5	64QAM	1	12	20.50	20.44	20.35	22.3	0
5	64QAM	1	24	20.54	20.50	20.36		
5	64QAM	12	0	19.55	19.48	19.59		
5	64QAM	12	7	19.48	19.60	19.50	21.3	1
5	64QAM	12	13	19.55	19.68	19.41		
5	64QAM	25	0	19.42	19.70	19.63		
5	256QAM	1	0	17.86	17.74	17.43		
5	256QAM	1	12	17.84	17.72	17.57	19.3	3
5	256QAM	1	24	17.54	17.74	17.54		
5	256QAM	12	0	17.77	17.48	17.49		
5	256QAM	12	7	17.84	17.76	17.59	19.3	3
5	256QAM	12	13	17.72	17.72	17.67		
5	256QAM	25	0	17.84	17.67	17.75		
Channel				131972	132222	132472	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.33	20.54	20.48		
3	QPSK	1	8	20.43	20.31	20.36	22.3	0
3	QPSK	1	14	20.43	20.46	20.49		
3	QPSK	8	0	20.46	20.52	20.38		
3	QPSK	8	4	20.45	20.54	20.56	22.3	0
3	QPSK	8	7	20.50	20.49	20.60		
3	QPSK	15	0	20.44	20.49	20.38		
3	16QAM	1	0	20.43	20.45	20.51		
3	16QAM	1	8	20.35	20.39	20.32	22.3	0
3	16QAM	1	14	20.41	20.43	20.51		
3	16QAM	8	0	20.37	20.39	20.36		
3	16QAM	8	4	20.46	20.53	20.33	22.3	0
3	16QAM	8	7	20.31	20.45	20.38		
3	16QAM	15	0	20.53	20.35	20.58		
3	64QAM	1	0	20.37	20.34	20.46		
3	64QAM	1	8	20.51	20.38	20.46	22.3	0
3	64QAM	1	14	20.37	20.40	20.41		
3	64QAM	8	0	19.72	19.45	19.48		
3	64QAM	8	4	19.44	19.45	19.38	21.3	1
3	64QAM	8	7	19.77	19.61	19.37		
3	64QAM	15	0	19.55	19.75	19.64		
3	256QAM	1	0	17.93	17.79	17.51		
3	256QAM	1	8	17.93	17.79	17.56	19.3	3
3	256QAM	1	14	17.60	17.71	17.76		
3	256QAM	8	0	17.75	17.42	17.58		
3	256QAM	8	4	17.67	17.69	17.71	19.3	3
3	256QAM	8	7	17.71	17.57	17.73		
3	256QAM	15	0	17.82	17.70	17.95		
Channel				131979	132222	132465	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.50	20.47	20.59		
1.4	QPSK	1	3	20.32	20.42	20.52		
1.4	QPSK	1	5	20.59	20.31	20.30	22.3	0
1.4	QPSK	3	0	20.32	20.47	20.48		
1.4	QPSK	3	1	20.30	20.42	20.34		
1.4	QPSK	3	3	20.38	20.37	20.57		
1.4	QPSK	6	0	20.39	20.32	20.59	22.3	0
1.4	16QAM	1	0	20.50	20.41	20.33		
1.4	16QAM	1	3	20.38	20.56	20.46		
1.4	16QAM	1	5	20.38	20.30	20.42	22.3	0
1.4	16QAM	3	0	20.40	20.36	20.53		
1.4	16QAM	3	1	20.45	20.37	20.44		
1.4	16QAM	3	3	20.51	20.56	20.42		
1.4	16QAM	6	0	20.35	20.44	20.32	22.3	0
1.4	64QAM	1	0	20.59	20.47	20.45		
1.4	64QAM	1	3	20.34	20.44	20.49		
1.4	64QAM	1	5	20.34	20.53	20.46	22.3	0
1.4	64QAM	3	0	20.36	20.33	20.38		
1.4	64QAM	3	1	20.35	20.44	20.46		
1.4	64QAM	3	3	20.30	20.41	20.36		
1.4	64QAM	6	0	19.50	19.71	19.45	21.3	1
1.4	256QAM	1	0	17.95	17.74	17.61		
1.4	256QAM	1	3	17.89	17.78	17.46		
1.4	256QAM	1	5	17.62	17.72	17.57	19.3	3
1.4	256QAM	3	0	17.71	17.48	17.56		
1.4	256QAM	3	1	17.72	17.79	17.77		
1.4	256QAM	3	3	17.61	17.54	17.70		
1.4	256QAM	6	0	17.70	17.85	17.89	19.3	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.37	21.44	21.24	22.6	0
20	QPSK	1	49	21.16	21.33	21.17		
20	QPSK	1	99	21.31	21.30	21.23		
20	QPSK	50	0	21.34	21.42	21.11	22.6	0
20	QPSK	50	24	21.21	21.39	21.24		
20	QPSK	50	50	21.16	21.35	21.11		
20	QPSK	100	0	21.26	21.38	21.20		
20	16QAM	1	0	21.38	21.36	21.25	22.6	0
20	16QAM	1	49	21.39	21.43	21.24		
20	16QAM	1	99	21.27	21.34	21.23		
20	16QAM	50	0	20.86	21.21	21.23	22.1	0.5
20	16QAM	50	24	21.17	21.04	21.09		
20	16QAM	50	50	21.10	20.96	21.10		
20	16QAM	100	0	21.06	20.96	21.12		
20	64QAM	1	0	20.94	20.87	20.98	22.1	0.5
20	64QAM	1	49	21.29	21.07	21.29		
20	64QAM	1	99	21.05	21.15	21.04		
20	64QAM	50	0	20.07	19.90	20.03	21.1	1.5
20	64QAM	50	24	19.84	20.07	19.86		
20	64QAM	50	50	20.16	19.87	19.83		
20	64QAM	100	0	19.94	20.10	20.02		
20	256QAM	1	0	18.29	18.21	18.19	19.1	3.5
20	256QAM	1	49	18.44	18.35	17.98		
20	256QAM	1	99	18.17	18.13	18.24		
20	256QAM	50	0	18.25	18.07	18.09	19.1	3.5
20	256QAM	50	24	18.45	18.20	18.34		
20	256QAM	50	50	18.38	18.18	18.32		
20	256QAM	100	0	18.31	18.15	18.18		
Channel				37625	38000	38375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.31	21.37	21.16	22.6	0
15	QPSK	1	37	21.05	21.12	21.04		
15	QPSK	1	74	21.19	21.30	21.10		
15	QPSK	36	0	21.27	21.22	21.04	22.6	0
15	QPSK	36	20	20.99	21.37	21.11		
15	QPSK	36	39	21.12	21.18	21.08		
15	QPSK	75	0	21.22	21.16	21.00		
15	16QAM	1	0	21.18	21.22	21.07	22.6	0
15	16QAM	1	37	21.29	21.31	21.16		
15	16QAM	1	74	21.11	21.23	21.21		
15	16QAM	36	0	20.86	21.02	21.14	22.1	0.5
15	16QAM	36	20	21.07	20.97	20.93		
15	16QAM	36	39	20.95	20.92	21.04		
15	16QAM	75	0	21.06	20.77	21.05		
15	64QAM	1	0	20.85	20.83	20.79	22.1	0.5
15	64QAM	1	37	21.17	20.98	21.18		
15	64QAM	1	74	21.02	21.08	21.04		
15	64QAM	36	0	20.06	19.91	19.97	21.1	1.5
15	64QAM	36	20	19.64	20.00	19.66		
15	64QAM	36	39	20.00	19.72	19.82		
15	64QAM	75	0	19.82	20.05	19.87		
15	256QAM	1	0	18.09	18.19	18.18	19.1	3.5
15	256QAM	1	37	18.24	18.15	17.85		
15	256QAM	1	74	18.01	18.12	18.14		
15	256QAM	36	0	18.24	18.00	17.97	19.1	3.5
15	256QAM	36	20	18.33	18.00	18.29		
15	256QAM	36	39	18.17	18.05	18.29		
15	256QAM	75	0	18.17	17.94	18.13		
Channel				37500	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.32	21.34	21.12	22.6	0
10	QPSK	1	25	20.99	21.24	21.04		
10	QPSK	1	49	21.30	21.15	21.14		
10	QPSK	25	0	21.17	21.43	21.12	22.6	0
10	QPSK	25	12	21.18	21.32	21.10		
10	QPSK	25	25	20.98	21.33	20.94		
10	QPSK	50	0	21.11	21.38	21.09		
10	16QAM	1	0	21.28	21.18	21.05	22.6	0
10	16QAM	1	25	21.35	21.22	21.24		
10	16QAM	1	49	21.20	21.24	21.02		
10	16QAM	25	0	20.77	21.08	21.17	22.1	0.5
10	16QAM	25	12	21.06	20.93	20.89		
10	16QAM	25	25	21.11	20.77	21.03		
10	16QAM	50	0	21.07	20.90	21.01		
10	64QAM	1	0	20.89	20.73	20.94	22.1	0.5
10	64QAM	1	25	21.11	21.03	21.18		
10	64QAM	1	49	20.85	21.06	21.01		
10	64QAM	25	0	20.05	19.80	19.88	21.1	1.5
10	64QAM	25	12	19.66	19.86	19.74		
10	64QAM	25	25	20.02	19.78	19.65		
10	64QAM	50	0	19.84	19.96	19.94		
10	256QAM	1	0	18.30	18.11	18.01	19.1	3.5
10	256QAM	1	25	18.24	18.14	17.83		
10	256QAM	1	49	18.14	18.12	18.25		
10	256QAM	25	0	18.26	17.97	18.05	19.1	3.5
10	256QAM	25	12	18.42	18.02	18.29		
10	256QAM	25	25	18.16	18.13	18.25		
10	256QAM	50	0	18.28	18.01	18.07		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	21.37	21.31	21.06	22.6	0
5	QPSK	1	12	20.96	21.19	21.08		
5	QPSK	1	24	21.22	21.24	21.24		
5	QPSK	12	0	21.22	21.32	21.05	22.6	0
5	QPSK	12	7	21.03	21.23	21.20		
5	QPSK	12	13	21.10	21.24	20.99		
5	QPSK	25	0	21.28	21.32	21.06		
5	16QAM	1	0	21.26	21.30	21.06	22.6	0
5	16QAM	1	12	21.31	21.32	21.07		
5	16QAM	1	24	21.28	21.26	21.24		
5	16QAM	12	0	20.76	21.01	21.25	22.1	0.5
5	16QAM	12	7	21.10	20.99	20.94		
5	16QAM	12	13	21.11	20.80	21.01		
5	16QAM	25	0	21.00	20.90	20.96		
5	64QAM	1	0	20.76	20.61	20.82	22.1	0.5
5	64QAM	1	12	21.09	20.96	21.20		
5	64QAM	1	24	21.01	20.94	20.91		
5	64QAM	12	0	19.91	19.69	19.81	21.1	1.5
5	64QAM	12	7	19.67	19.93	19.82		
5	64QAM	12	13	20.04	19.72	19.76		
5	64QAM	25	0	19.85	20.03	19.95		
5	256QAM	1	0	18.20	18.23	18.10	19.1	3.5
5	256QAM	1	12	18.35	18.13	17.99		
5	256QAM	1	24	18.09	18.01	18.05		
5	256QAM	12	0	18.16	18.04	18.08	19.1	3.5
5	256QAM	12	7	18.28	18.08	18.33		
5	256QAM	12	13	18.37	18.09	18.17		
5	256QAM	25	0	18.22	17.99	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	21.12	21.09	21.35	21.16	21.18	22.6	0
20	QPSK	1	49	21.00	20.90	21.32	20.97	21.06		
20	QPSK	1	99	21.13	20.89	21.25	21.14	21.19		
20	QPSK	50	0	20.97	21.10	21.33	21.13	21.09	22.6	0
20	QPSK	50	24	21.04	20.89	21.30	21.01	20.99		
20	QPSK	50	50	21.09	21.03	21.26	21.08	21.04		
20	QPSK	100	0	21.01	21.07	21.29	21.09	21.18		
20	16QAM	1	0	21.13	21.05	21.00	20.96	21.13	22.6	0
20	16QAM	1	49	21.02	20.98	21.25	21.16	21.12		
20	16QAM	1	99	21.01	21.06	21.31	21.00	20.98		
20	16QAM	50	0	20.98	21.07	21.18	21.11	21.10	22.6	0
20	16QAM	50	24	21.05	21.03	21.00	21.13	21.04		
20	16QAM	50	50	20.91	20.92	21.18	20.95	20.99		
20	16QAM	100	0	21.06	21.07	21.33	21.09	21.15		
20	64QAM	1	0	20.93	21.07	21.00	20.96	20.98	22.6	0
20	64QAM	1	49	20.95	20.90	21.22	21.12	21.03		
20	64QAM	1	99	20.99	20.90	21.19	21.08	21.18		
20	64QAM	50	0	20.14	19.90	20.23	20.19	20.06	21.6	1
20	64QAM	50	24	20.01	19.96	19.76	19.89	19.91		
20	64QAM	50	50	20.01	20.04	20.00	19.96	19.94		
20	64QAM	100	0	20.15	20.04	19.97	19.82	19.82		
20	256QAM	1	0	18.27	18.35	18.02	18.11	18.13	19.6	3
20	256QAM	1	49	18.45	18.39	18.10	18.06	18.26		
20	256QAM	1	99	18.11	18.23	18.27	18.24	18.29		
20	256QAM	50	0	18.42	18.06	18.08	18.20	18.27	19.6	3
20	256QAM	50	24	18.25	18.26	18.32	18.34	18.25		
20	256QAM	50	50	18.20	18.20	18.37	18.34	18.44		
20	256QAM	100	0	18.48	18.29	18.41	18.48	18.39		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.80	20.84	21.26	20.76	20.90	23	0
15	QPSK	1	37	21.07	20.90	21.17	21.03	20.97		
15	QPSK	1	74	20.90	20.96	21.17	21.00	21.00		
15	QPSK	36	0	20.81	20.85	21.13	20.91	21.05	22.6	0
15	QPSK	36	20	20.97	20.83	21.09	21.12	21.20		
15	QPSK	36	39	20.88	20.88	21.24	21.09	20.95		
15	QPSK	75	0	20.93	21.04	21.31	20.95	21.17		
15	16QAM	1	0	21.12	21.04	20.94	20.95	21.13	22.6	0
15	16QAM	1	37	20.88	20.96	21.13	21.05	20.98		
15	16QAM	1	74	20.84	21.04	21.12	21.00	20.91		
15	16QAM	36	0	20.77	20.89	21.13	21.06	20.92	22.6	0
15	16QAM	36	20	21.04	20.84	20.80	20.94	20.82		
15	16QAM	36	39	20.72	20.86	21.11	20.94	21.01		
15	16QAM	75	0	21.02	21.05	21.11	20.92	21.12		
15	64QAM	1	0	20.83	20.91	20.91	20.83	20.97	22.6	0
15	64QAM	1	37	20.77	20.88	21.10	21.08	20.96		
15	64QAM	1	74	21.01	20.83	21.18	20.86	21.16		
15	64QAM	36	0	20.04	19.82	20.07	20.17	20.03	21.6	1
15	64QAM	36	20	19.90	19.79	19.72	19.84	19.82		
15	64QAM	36	39	19.99	19.85	19.93	19.88	19.76		
15	64QAM	75	0	20.06	20.03	19.84	19.80	19.67		
15	256QAM	1	0	18.17	18.15	17.93	17.96	18.06	19.6	3
15	256QAM	1	37	18.25	18.29	18.06	17.86	18.22		
15	256QAM	1	74	18.02	18.20	18.12	18.25	18.25		
15	256QAM	36	0	18.28	17.98	18.07	18.06	18.24	19.6	3
15	256QAM	36	20	18.16	18.17	18.20	18.27	18.11		
15	256QAM	36	39	18.04	18.10	18.24	18.25	18.23		
15	256QAM	75	0	18.31	18.26	18.25	18.34	18.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.80	20.83	21.27	20.93	21.03	23	0
10	QPSK	1	25	21.05	20.78	21.21	20.96	20.99		
10	QPSK	1	49	20.85	21.10	21.19	20.92	20.93		
10	QPSK	25	0	20.93	20.87	21.16	20.88	20.89	22.6	0
10	QPSK	25	12	21.06	20.83	21.25	21.10	21.06		
10	QPSK	25	25	20.94	20.92	21.20	21.07	21.04		
10	QPSK	50	0	20.93	20.98	21.22	20.96	21.18		
10	16QAM	1	0	21.01	21.04	20.93	20.88	20.93	22.6	0
10	16QAM	1	25	21.00	20.85	21.09	21.07	21.08		
10	16QAM	1	49	20.90	20.87	21.17	20.85	20.98		
10	16QAM	25	0	20.90	20.86	21.20	21.03	20.92	22.6	0
10	16QAM	25	12	20.93	20.87	20.95	21.06	21.03		
10	16QAM	25	25	20.81	20.80	21.11	20.85	20.86		
10	16QAM	50	0	20.84	20.88	21.12	20.88	21.08		
10	64QAM	1	0	20.89	20.93	20.82	20.85	20.91	22.6	0
10	64QAM	1	25	20.85	20.85	21.15	20.93	20.92		
10	64QAM	1	49	20.92	20.90	21.05	21.02	21.06		
10	64QAM	25	0	19.94	19.82	20.01	20.00	20.02	21.6	1
10	64QAM	25	12	19.81	19.85	19.77	19.72	19.69		
10	64QAM	25	25	19.85	19.83	19.81	19.75	19.84		
10	64QAM	50	0	20.13	19.86	19.98	19.76	19.67		
10	256QAM	1	0	18.20	18.23	17.88	17.98	17.97	19.6	3
10	256QAM	1	25	18.38	18.24	18.06	18.05	18.17		
10	256QAM	1	49	17.89	18.22	18.14	18.13	18.22		
10	256QAM	25	0	18.38	17.99	17.93	18.11	18.24	19.6	3
10	256QAM	25	12	18.13	18.25	18.31	18.33	18.14		
10	256QAM	25	25	18.08	18.17	18.36	18.36	18.39		
10	256QAM	50	0	18.31	18.29	18.29	18.47	18.26		
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	20.94	20.85	21.28	20.78	21.02	23	0
5	QPSK	1	12	21.00	20.85	21.24	21.01	21.20		
5	QPSK	1	24	20.82	21.05	21.20	20.94	20.99		
5	QPSK	12	0	20.75	20.95	21.12	20.96	21.10	22.6	0
5	QPSK	12	7	20.99	20.77	21.21	20.87	20.84		
5	QPSK	12	13	20.93	21.00	21.12	20.95	20.87		
5	QPSK	25	0	20.84	20.90	21.11	20.94	20.97		
5	16QAM	1	0	20.95	20.84	21.14	20.83	20.97	22.6	0
5	16QAM	1	12	21.15	20.89	21.25	21.13	21.07		
5	16QAM	1	24	21.02	21.01	21.29	21.15	20.97		
5	16QAM	12	0	20.90	20.86	21.10	20.91	21.08	22.6	0
5	16QAM	12	7	21.06	21.03	20.90	20.97	20.92		
5	16QAM	12	13	20.74	20.85	20.97	20.85	20.79		
5	16QAM	25	0	20.96	20.99	21.18	21.02	21.09		
5	64QAM	1	0	20.75	21.04	20.94	20.70	20.91	22.6	0
5	64QAM	1	12	20.73	20.69	21.13	20.97	21.00		
5	64QAM	1	24	20.78	20.82	21.06	20.89	21.06		
5	64QAM	12	0	20.13	19.85	20.14	20.10	20.08	21.6	1
5	64QAM	12	7	19.87	19.98	19.71	19.81	19.79		
5	64QAM	12	13	19.94	19.91	19.94	19.85	19.91		
5	64QAM	25	0	20.03	19.96	19.95	19.81	19.73		
5	256QAM	1	0	18.06	18.31	17.95	18.07	18.14	19.6	3
5	256QAM	1	12	18.33	18.17	17.92	17.90	18.14		
5	256QAM	1	24	17.95	18.07	18.08	18.20	18.19		
5	256QAM	12	0	18.35	18.05	18.04	18.06	18.18	19.6	3
5	256QAM	12	7	18.06	18.14	18.31	18.21	18.14		
5	256QAM	12	13	18.14	18.04	18.16	18.17	18.30		
5	256QAM	25	0	18.42	18.11	18.31	18.43	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)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.14	23.25	23.38	23.31	23.34	24	0
20	QPSK	1	49	23.09	23.28	23.13	23.28	23.26		
20	QPSK	1	99	23.13	23.22	23.20	23.28	23.22		
20	QPSK	50	0	23.09	23.17	23.35	23.23	23.31	24	0
20	QPSK	50	24	23.11	23.08	23.26	23.27	23.20		
20	QPSK	50	50	23.03	23.07	23.21	23.28	23.29		
20	QPSK	100	0	23.02	23.13	23.31	23.19	23.25		
20	16QAM	1	0	22.96	23.23	23.36	23.20	23.15	24	0
20	16QAM	1	49	23.01	23.22	23.24	23.12	23.14		
20	16QAM	1	99	23.09	23.18	23.20	23.16	23.17		
20	16QAM	50	0	22.95	23.22	23.31	23.18	23.27	24	0
20	16QAM	50	24	23.05	23.07	23.25	23.19	23.24		
20	16QAM	50	50	23.02	23.16	23.23	23.30	23.25		
20	16QAM	100	0	23.12	23.15	23.28	23.18	23.17		
20	64QAM	1	0	22.98	23.23	23.31	23.14	23.25	24	0
20	64QAM	1	49	23.05	23.05	23.28	23.29	23.30		
20	64QAM	1	99	22.95	23.24	23.29	23.30	23.18		
20	64QAM	50	0	23.00	23.15	23.33	23.15	23.27	24	0
20	64QAM	50	24	23.01	23.09	23.20	23.30	23.25		
20	64QAM	50	50	23.10	23.18	23.30	23.28	23.19		
20	64QAM	100	0	23.12	23.09	23.24	23.27	23.20		
20	256QAM	1	0	21.31	21.36	21.45	21.41	21.38	22	2
20	256QAM	1	49	21.34	21.47	21.48	21.43	21.48		
20	256QAM	1	99	21.36	21.32	21.41	21.39	21.35		
20	256QAM	50	0	21.32	21.41	21.33	21.48	21.36	22	2
20	256QAM	50	24	21.41	21.45	21.30	21.39	21.33		
20	256QAM	50	50	21.32	21.47	21.41	21.36	21.30		
20	256QAM	100	0	21.38	21.35	21.47	21.44	21.32		
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	23.02	23.06	23.29	23.18	23.20	24	0
15	QPSK	1	37	23.02	23.07	23.19	22.96	23.19		
15	QPSK	1	74	23.05	23.20	23.11	23.12	23.14		
15	QPSK	36	0	22.90	23.09	23.33	23.09	23.16	24	0
15	QPSK	36	20	22.94	23.01	23.20	23.18	23.15		
15	QPSK	36	39	22.84	22.92	23.05	23.13	23.27		
15	QPSK	75	0	22.87	23.04	23.30	23.03	23.22		
15	16QAM	1	0	22.90	23.07	23.29	23.19	23.11	24	0
15	16QAM	1	37	22.86	23.02	23.09	22.93	23.11		
15	16QAM	1	74	23.00	23.10	23.10	23.05	23.10		
15	16QAM	36	0	22.86	23.20	23.26	23.09	23.14	24	0
15	16QAM	36	20	22.96	23.03	23.17	23.11	23.08		
15	16QAM	36	39	22.95	23.15	23.10	23.16	23.08		
15	16QAM	75	0	22.96	23.00	23.16	23.13	23.00		
15	64QAM	1	0	22.96	23.07	23.14	23.11	23.12	24	0
15	64QAM	1	37	23.02	23.03	23.23	23.26	23.10		
15	64QAM	1	74	22.88	23.15	23.18	23.22	23.13		
15	64QAM	36	0	22.90	23.02	23.27	22.96	23.18	24	0
15	64QAM	36	20	22.91	22.91	23.12	23.24	23.14		
15	64QAM	36	39	23.04	23.02	23.17	23.11	23.11		
15	64QAM	75	0	23.01	22.95	23.05	23.19	23.12		
15	256QAM	1	0	21.17	21.17	21.42	21.28	21.24	22	2
15	256QAM	1	37	21.28	21.36	21.40	21.33	21.35		
15	256QAM	1	74	21.28	21.18	21.34	21.28	21.18		
15	256QAM	36	0	21.27	21.36	21.27	21.48	21.17	22	2
15	256QAM	36	20	21.40	21.27	21.11	21.34	21.25		
15	256QAM	36	39	21.28	21.28	21.23	21.22	21.19		
15	256QAM	75	0	21.29	21.23	21.38	21.32	21.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.95	23.13	23.33	23.12	23.19	24	0
10	QPSK	1	25	22.90	23.04	23.16	23.04	23.22		
10	QPSK	1	49	23.01	23.06	23.10	23.17	23.06		
10	QPSK	25	0	23.03	23.15	23.18	23.15	23.13	24	0
10	QPSK	25	12	23.00	23.08	23.25	23.18	23.12		
10	QPSK	25	25	22.97	23.05	23.12	23.22	23.27		
10	QPSK	50	0	22.90	23.01	23.26	23.02	23.21		
10	16QAM	1	0	22.88	23.21	23.20	23.00	23.07	24	0
10	16QAM	1	25	22.93	23.11	23.12	22.97	22.99		
10	16QAM	1	49	23.03	23.07	23.16	23.00	23.14		
10	16QAM	25	0	22.77	23.20	22.97	23.00	22.97	24	0
10	16QAM	25	12	22.93	22.97	23.11	22.99	23.22		
10	16QAM	25	25	22.87	23.00	23.21	23.15	23.15		
10	16QAM	50	0	23.05	23.11	23.27	23.09	23.02		
10	64QAM	1	0	22.82	23.22

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.26	22.34	22.20	24	0
20	QPSK	1	49	22.22	22.26	22.16		
20	QPSK	1	99	22.07	22.21	22.13		
20	QPSK	50	0	21.33	21.36	21.27	23	1
20	QPSK	50	24	21.27	21.30	21.21		
20	QPSK	50	50	21.20	21.25	21.19		
20	QPSK	100	0	21.19	21.31	21.27		
20	16QAM	1	0	21.13	21.23	21.19	23	1
20	16QAM	1	49	21.12	21.17	21.06		
20	16QAM	1	99	21.00	21.13	21.02		
20	16QAM	50	0	20.27	20.39	20.26	22	2
20	16QAM	50	24	20.22	20.31	20.19		
20	16QAM	50	50	20.27	20.35	20.22		
20	16QAM	100	0	20.25	20.29	20.22		
20	64QAM	1	0	20.19	20.27	20.15	22	2
20	64QAM	1	49	20.11	20.21	20.08		
20	64QAM	1	99	20.10	20.17	20.14		
20	64QAM	50	0	19.38	19.42	19.32	21	3
20	64QAM	50	24	19.26	19.33	19.28		
20	64QAM	50	50	19.23	19.38	19.24		
20	64QAM	100	0	19.18	19.30	19.18		
20	256QAM	1	0	15.34	15.44	15.30	19	5
20	256QAM	1	49	18.80	18.95	18.83		
20	256QAM	1	99	14.42	14.55	14.43		
20	256QAM	50	0	18.74	18.83	18.72	19	5
20	256QAM	50	24	18.82	18.88	18.74		
20	256QAM	50	50	18.77	18.81	18.75		
20	256QAM	100	0	18.62	18.69	18.63		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.27	22.32	22.14	24	0
15	QPSK	1	37	22.16	22.20	22.07		
15	QPSK	1	74	22.02	22.20	22.07		
15	QPSK	36	0	21.27	21.37	21.24	23	1
15	QPSK	36	20	21.18	21.20	21.21		
15	QPSK	36	39	21.12	21.15	21.18		
15	QPSK	75	0	21.14	21.28	21.22		
15	16QAM	1	0	21.09	21.24	21.19	23	1
15	16QAM	1	37	21.08	21.13	21.02		
15	16QAM	1	74	21.02	21.10	21.06		
15	16QAM	36	0	20.25	20.38	20.16	22	2
15	16QAM	36	20	20.21	20.32	20.10		
15	16QAM	36	39	20.23	20.27	20.18		
15	16QAM	75	0	20.16	20.28	20.19		
15	64QAM	1	0	20.21	20.27	20.13	22	2
15	64QAM	1	37	20.13	20.15	20.02		
15	64QAM	1	74	20.08	20.11	20.07		
15	64QAM	36	0	19.39	19.42	19.29	21	3
15	64QAM	36	20	19.17	19.25	19.24		
15	64QAM	36	39	19.22	19.39	19.16		
15	64QAM	75	0	19.14	19.25	19.17		
15	256QAM	1	0	15.35	15.44	15.30	19	5
15	256QAM	1	37	18.73	18.93	18.77		
15	256QAM	1	74	14.33	14.48	14.43		
15	256QAM	36	0	18.68	18.84	18.72	19	5
15	256QAM	36	20	18.77	18.84	18.67		
15	256QAM	36	39	18.74	18.79	18.67		
15	256QAM	75	0	18.57	18.68	18.62		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.22	22.30	22.16	24	0
10	QPSK	1	25	22.19	22.25	22.14		
10	QPSK	1	49	22.04	22.14	22.07		
10	QPSK	25	0	21.30	21.32	21.23	23	1
10	QPSK	25	12	21.26	21.26	21.13		
10	QPSK	25	25	21.12	21.22	21.09		
10	QPSK	50	0	21.14	21.32	21.28		
10	16QAM	1	0	21.10	21.18	21.16	23	1
10	16QAM	1	25	21.12	21.16	21.02		
10	16QAM	1	49	21.04	21.09	21.05		
10	16QAM	25	0	20.27	20.32	20.24	22	2
10	16QAM	25	12	20.20	20.25	20.11		
10	16QAM	25	25	20.24	20.36	20.13		
10	16QAM	50	0	20.24	20.30	20.14		
10	64QAM	1	0	20.21	20.23	20.13	22	2
10	64QAM	1	25	20.13	20.14	20.06		
10	64QAM	1	49	20.10	20.15	20.13		
10	64QAM	25	0	19.36	19.43	19.22	21	3
10	64QAM	25	12	19.22	19.31	19.25		
10	64QAM	25	25	19.16	19.39	19.15		
10	64QAM	50	0	19.13	19.23	19.20		
10	256QAM	1	0	15.24	15.36	15.27	19	5
10	256QAM	1	25	18.82	18.86	18.76		
10	256QAM	1	49	14.43	14.57	14.34		
10	256QAM	25	0	18.66	18.74	18.64	19	5
10	256QAM	25	12	18.79	18.85	18.67		
10	256QAM	25	25	18.77	18.80	18.75		
10	256QAM	50	0	18.53	18.70	18.54		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.17	22.29	22.11	24	0
5	QPSK	1	12	22.23	22.17	22.08		
5	QPSK	1	24	22.06	22.18	22.14		
5	QPSK	12	0	21.35	21.36	21.18	23	1
5	QPSK	12	7	21.20	21.32	21.21		
5	QPSK	12	13	21.14	21.17	21.16		
5	QPSK	25	0	21.09	21.24	21.23		
5	16QAM	1	0	21.06	21.22	21.19	23	1
5	16QAM	1	12	21.09	21.14	21.02		
5	16QAM	1	24	21.03	21.13	21.11		
5	16QAM	12	0	20.29	20.30	20.17	22	2
5	16QAM	12	7	20.23	20.23	20.15		
5	16QAM	12	13	20.20	20.32	20.23		
5	16QAM	25	0	20.18	20.21	20.13		
5	64QAM	1	0	20.19	20.26	20.06	22	2
5	64QAM	1	12	20.12	20.17	20.05		
5	64QAM	1	24	20.10	20.14	20.16		
5	64QAM	12	0	19.34	19.35	19.32	21	3
5	64QAM	12	7	19.25	19.29	19.25		
5	64QAM	12	13	19.17	19.29	19.17		
5	64QAM	25	0	19.15	19.25	19.10		
5	256QAM	1	0	15.30	15.41	15.22	19	5
5	256QAM	1	12	18.79	18.91	18.83		
5	256QAM	1	24	14.38	14.46	14.44		
5	256QAM	12	0	18.65	18.74	18.73	19	5
5	256QAM	12	7	18.76	18.78	18.65		
5	256QAM	12	13	18.69	18.74	18.76		
5	256QAM	25	0	18.56	18.62	18.60		

Band 43_FCC Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.79	21.82	21.71	23	0
20	QPSK	1	49	21.71	21.74	21.65		
20	QPSK	1	99	21.65	21.69	21.59		
20	QPSK	50	0	20.78	20.93	20.85	22	1
20	QPSK	50	24	20.83	20.87	20.77		
20	QPSK	50	50	20.73	20.82	20.78		
20	QPSK	100	0	20.79	20.85	20.78		
20	16QAM	1	0	20.59	20.69	20.54	22	1
20	16QAM	1	49	20.56	20.63	20.50		
20	16QAM	1	99	20.52	20.59	20.54		
20	16QAM	50	0	19.64	19.76	19.61	21	2
20	16QAM	50	24	19.59	19.68	19.54		
20	16QAM	50	50	19.58	19.72	19.66		
20	16QAM	100	0	19.55	19.66	19.51		
20	64QAM	1	0	19.60	19.69	19.56	21	2
20	64QAM	1	49	19.49	19.63	19.51		
20	64QAM	1	99	19.48	19.59	19.49		
20	64QAM	50	0	18.62	18.73	18.63	20	3
20	64QAM	50	24	18.58	18.64	18.57		
20	64QAM	50	50	18.58	18.69	18.55		
20	64QAM	100	0	18.48	18.61	18.57		
20	256QAM	1	0	17.22	17.37	17.26	18	5
20	256QAM	1	49	17.24	17.34	17.30		
20	256QAM	1	99	17.16	17.29	17.15		
20	256QAM	50	0	17.25	17.32	17.22	18	5
20	256QAM	50	24	17.07	17.22	17.19		
20	256QAM	50	50	17.19	17.28	17.18		
20	256QAM	100	0	17.21	17.25	17.14		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.70	21.76	21.64	23	0
15	QPSK	1	37	21.61	21.67	21.52		
15	QPSK	1	74	21.57	21.61	21.51		
15	QPSK	36	0	20.66	20.88	20.77	22	1
15	QPSK	36	20	20.69	20.81	20.68		
15	QPSK	36	39	20.59	20.72	20.70		
15	QPSK	75	0	20.65	20.79	20.65		
15	16QAM	1	0	20.47	20.60	20.42	22	1
15	16QAM	1	37	20.46	20.54	20.36		
15	16QAM	1	74	20.48	20.49	20.47		
15	16QAM	36	0	19.59	19.66	19.46	21	2
15	16QAM	36	20	19.49	19.57	19.41		
15	16QAM	36	39	19.55	19.64	19.54		
15	16QAM	75	0	19.42	19.54	19.37		
15	64QAM	1	0	19.52	19.61	19.51	21	2
15	64QAM	1	37	19.38	19.50	19.38		
15	64QAM	1	74	19.36	19.52	19.45		
15	64QAM	36	0	18.50	18.67	18.58	20	3
15	64QAM	36	20	18.44	18.58	18.51		
15	64QAM	36	39	18.43	18.62	18.41		
15	64QAM	75	0	18.36	18.49	18.45		
15	256QAM	1	0	17.09	17.24	17.13	18	5
15	256QAM	1	37	17.16	17.30	17.27		
15	256QAM	1	74	17.06	17.19	17.08		
15	256QAM	36	0	17.11	17.22	17.12	18	5
15	256QAM	36	20	17.00	17.10	17.15		
15	256QAM	36	39	17.05	17.13	17.09		
15	256QAM	75	0	17.09	17.15	17.00		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.72	21.75	21.63	23	0
10	QPSK	1	25	21.61	21.67	21.52		
10	QPSK	1	49	21.62	21.62	21.48		
10	QPSK	25	0	20.68	20.89	20.80	22	1
10	QPSK	25	12	20.76	20.77	20.73		
10	QPSK	25	25	20.68	20.73	20.72		
10	QPSK	50	0	20.73	20.82	20.71		
10	16QAM	1	0	20.46	20.62	20.43	22	1
10	16QAM	1	25	20.50	20.50	20.39		
10	16QAM	1	49	20.41	20.48	20.50		
10	16QAM	25	0	19.56	19.62	19.52	21	2
10	16QAM	25	12	19.54	19.63	19.44		
10	16QAM	25	25	19.51	19.66	19.59		
10	16QAM	50	0	19.48	19.59	19.40		
10	64QAM	1	0	19.52	19.62	19.45	21	2
10	64QAM	1	25	19.41	19.58	19.42		
10	64QAM	1	49	19.34	19.55	19.39		
10	64QAM	25	0	18.57	18.59	18.52	20	3
10	64QAM	25	12	18.44	18.50	18.52		
10	64QAM	25	25	18.49	18.55	18.47		
10	64QAM	50	0	18.35	18.47	18.49		
10	256QAM	1	0	17.13	17.26	17.12	18	5
10	256QAM	1	25	17.21	17.21	17.17		
10	256QAM	1	49	17.07	17.26	17.04		
10	256QAM	25	0	17.17	17.25	17.14	18	5
10	256QAM	25	12	17.01	17.16	17.04		
10	256QAM	25	25	17.11	17.13	17.07		
10	256QAM	50	0	17.09	17.18	17.03		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.69	21.79	21.59	23	0
5	QPSK	1	12	21.63	21.70	21.57		
5	QPSK	1	24	21.57	21.64	21.56		
5	QPSK	12	0	20.70	20.80	20.74	22	1
5	QPSK	12	7	20.73	20.83	20.64		
5	QPSK	12	13	20.63	20.79	20.66		
5	QPSK	25	0	20.67	20.71	20.64		
5	16QAM	1	0	20.47	20.64	20.43	22	1
5	16QAM	1	12	20.51	20.58	20.42		
5	16QAM	1	24	20.46	20.46	20.39		
5	16QAM	12	0	19.56	19.71	19.49	21	2
5	16QAM	12	7	19.45	19.64	19.49		
5	16QAM	12	13	19.48	19.59	19.54		
5	16QAM	25	0	19.42	19.59	19.47		
5	64QAM	1	0	19.56	19.57	19.42	21	2
5	64QAM	1	12	19.40	19.53	19.45		
5	64QAM	1	24	19.40	19.45	19.36		
5	64QAM	12	0	18.49	18.59	18.48	20	3
5	64QAM	12	7	18.52	18.60	18.45		
5	64QAM	12	13	18.50	18.60	18.47		
5	64QAM	25	0	18.38	18.53	18.54		
5	256QAM	1	0	17.15	17.23	17.22	18	5
5	256QAM	1	12	17.18	17.27	17.24		
5	256QAM	1	24	17.09	17.23	17.11		
5	256QAM	12	0	17.18	17.23	17.08	18	5
5	256QAM	12	7	17.04	17.18	17.13		
5	256QAM	12	13	17.13	17.17	17.06		
5	256QAM	25	0	17.17	17.22	17.04		

Band 48_FCC Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.05	20.02	19.70	19.67	23	0
20	QPSK	1	49	21.99	22.06	21.92	21.63		
20	QPSK	1	99	21.94	20.66	19.61	19.23		
20	QPSK	50	0	21.06	21.13	21.02	20.74	22	1
20	QPSK	50	24	21.02	21.10	21.00	20.69		
20	QPSK	50	50	20.98	21.06	20.94	20.62		
20	QPSK	100	0	20.93	21.14	20.97	20.68		
20	16QAM	1	0	20.87	19.11	19.03	19.00	22	1
20	16QAM	1	49	20.85	21.11	21.03	21.04		
20	16QAM	1	99	19.52	18.91	18.79	18.78		
20	16QAM	50	0	20.10	20.18	20.14	20.13	21	2
20	16QAM	50	24	20.06	20.14	20.09	20.11		
20	16QAM	50	50	20.01	20.07	19.98	19.98		
20	16QAM	100	0	20.08	20.13	20.05	20.01		
20	64QAM	1	0	18.62	18.19	18.15	18.10	21	2
20	64QAM	1	49	20.05	20.05	19.98	19.97		
20	64QAM	1	99	18.48	17.93	17.87	17.79		
20	64QAM	50	0	19.10	17.14	17.03	17.04	20	3
20	64QAM	50	24	19.03	19.15	19.11	19.11		
20	64QAM	50	50	19.07	19.10	19.02	18.99		
20	64QAM	100	0	18.98	19.20	19.11	19.15		
20	256QAM	1	0	15.47	15.07	14.98	15.00	18	5
20	256QAM	1	49	18.38	17.99	17.93	17.96		
20	256QAM	1	99	15.42	14.88	14.75	14.83		
20	256QAM	50	0	18.10	18.03	17.90	17.93	18	5
20	256QAM	50	24	18.05	18.01	17.94	17.96		
20	256QAM	50	50	17.98	18.25	18.21	18.14		
20	256QAM	100	0	18.08	18.08	17.99	18.01		
Channel				55315	55820	56140	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.97	19.90	19.55	19.59	23	0
15	QPSK	1	37	21.92	21.93	21.88	21.60		
15	QPSK	1	74	21.82	20.60	19.52	19.08		
15	QPSK	36	0	20.92	21.06	20.91	20.69	22	1
15	QPSK	36	20	20.94	20.97	20.90	20.60		
15	QPSK	36	39	20.89	20.95	20.84	20.58		
15	QPSK	75	0	20.82	21.07	20.91	20.57		
15	16QAM	1	0	20.80	18.99	18.91	18.91	22	1
15	16QAM	1	37	20.79	21.02	20.97	21.00		
15	16QAM	1	74	19.46	18.81	18.68	18.71		
15	16QAM	36	0	20.03	20.11	20.07	19.98	21	2
15	16QAM	36	20	19.93	20.04	19.98	19.99		
15	16QAM	36	39	19.92	19.97	19.92	19.90		
15	16QAM	75	0	19.95	20.05	19.98	19.88		
15	64QAM	1	0	18.51	18.10	18.07	18.06	21	2
15	64QAM	1	37	20.00	20.01	19.90	19.84		
15	64QAM	1	74	18.36	17.89	17.79	17.71		
15	64QAM	36	0	18.99	17.02	16.97	16.91	20	3
15	64QAM	36	20	18.89	19.05	18.98	19.03		
15	64QAM	36	39	19.02	19.02	18.93	18.84		
15	64QAM	75	0	18.87	19.15	19.02	19.06		
15	256QAM	1	0	15.41	14.98	14.90	14.95	18	5
15	256QAM	1	37	18.32	17.95	17.82	17.87		
15	256QAM	1	74	15.32	14.80	14.67	14.74		
15	256QAM	36	0	18.02	17.93	17.79	17.83	18	5
15	256QAM	36	20	17.93	17.92	17.84	17.82		
15	256QAM	36	39	17.93	18.15	18.08	18.02		
15	256QAM	75	0	17.99	17.94	17.93	17.90		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.01	19.93	19.57	19.61	23	0
10	QPSK	1	25	21.88	21.97	21.88	21.53		
10	QPSK	1	49	21.82	20.60	19.47	19.13		
10	QPSK	25	0	20.93	21.09	20.90	20.64	22	1
10	QPSK	25	12	20.89	20.97	20.88	20.59		
10	QPSK	25	25	20.91	21.03	20.82	20.55		
10	QPSK	50	0	20.84	21.04	20.85	20.62		
10	16QAM	1	0	20.83	19.04	18.96	18.86	22	1
10	16QAM	1	25	20.78	21.04	20.92	20.97		
10	16QAM	1	49	19.40	18.88	18.67	18.68		
10	16QAM	25	0	20.05	20.06	20.08	20.02	21	2
10	16QAM	25	12	19.96	19.99	19.96	20.08		
10	16QAM	25	25	19.96	20.02	19.83	19.87		
10	16QAM	50	0	19.98	19.98	20.04	19.89		
10	64QAM	1	0	18.96	18.11	18.10	18.06	21	2
10	64QAM	1	25	19.94	19.98	19.88	19.89		
10	64QAM	1	49	18.42	17.83	17.82	17.68		
10	64QAM	25	0	19.00	17.04	16.91	16.96	20	3
10	64QAM	25	12	18.94	19.09	19.08	19.07		
10	64QAM	25	25	19.03	19.03	18.95	18.85		
10	64QAM	50	0	18.86	19.07	19.01	19.09		
10	256QAM	1	0	15.33	15.02	14.91	14.89	18	5
10	256QAM	1	25	18.33	17.90	17.81	17.85		
10	256QAM	1	49	15.28	14.80	14.71	14.72		
10	256QAM	25	0	18.02	17.92	17.80	17.85	18	5
10	256QAM	25	12	17.91	17.94	17.82	17.89		
10	256QAM	25	25	17.84	18.19	18.08	18.05		
10	256QAM	50	0	17.94	18.05	17.88	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	21.92	19.95	19.62	19.52	23	0
5	QPSK	1	12	21.93	21.99	21.86	21.52		
5	QPSK	1	24	21.80	20.54	19.49	19.13		
5	QPSK	12	0	21.00	21.05	20.94	20.63	22	1
5	QPSK	12	7	20.94	20.97	20.87	20.58		
5	QPSK	12	13	20.85	21.03	20.91	20.48		
5	QPSK	25	0	20.83	21.05	20.86	20.61		
5	16QAM	1	0	20.79	19.00	18.91	18.91	22	1
5	16QAM	1	12	20.75	21.02	20.97	20.96		
5	16QAM	1	24	19.45	18.80	18.71	18.66		
5	16QAM	12	0	20.05	20.05	20.09	20.10	21	2
5	16QAM	12	7	19.95	20.08	19.95	19.97		
5	16QAM	12	13	19.91	20.01	19.83	19.91		
5	64QAM	25	0	20.02	19.99	19.95	19.87		
5	64QAM	1	0	18.89	18.11	18.02	18.04	21	2
5	64QAM	1	12	19.93	19.98	19.87	19.92		
5	64QAM	1	24	18.36	17.79	17.82	17.73		
5	64QAM	12	0	18.98	17.08	16.92	17.01	20	3
5	64QAM	12	7	18.90	19.11	18.98	19.01		
5	64QAM	12	13	18.99	19.06	18.94	18.89		
5	64QAM	25	0	18.88	19.09	19.02	19.09		
5	256QAM	1	0	15.42	14.96	14.84	14.87	18	5
5	256QAM	1	12	18.27	17.88	17.89	17.81		
5	256QAM	1	24	15.38	14.85	14.65	14.73		
5	256QAM	12	0	18.03	17.98	17.76	17.84	18	5
5	256QAM	12	7	17.90	17.90	17.89	17.83		
5	256QAM	12	13	17.91	18.22	18.10	18.09		
5	256QAM	25	0	17.93	17.96	17.87	17.97		

GSM1900 Ant3 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	26.22	26.26	26.17	26.50	17.22	17.26	17.17	17.50
GPRS 1 Tx slot	26.25	26.30	26.21	26.50	17.25	17.30	17.21	17.50
GPRS 2 Tx slots	22.87	22.97	22.94	24.00	16.87	16.97	16.94	18.00
GPRS 3 Tx slots	20.88	20.98	20.82	22.50	16.62	16.72	16.56	18.24
GPRS 4 Tx slots	19.82	19.90	19.78	20.00	16.82	16.90	16.78	17.00
EDGE 1 Tx slot	26.64	26.61	26.40	27.00	17.64	17.61	17.40	18.00
EDGE 2 Tx slots	23.73	23.59	23.73	24.00	17.73	17.59	17.73	18.00
EDGE 3 Tx slots	21.42	21.35	21.46	22.00	17.16	17.09	17.20	17.74
EDGE 4 Tx slots	20.55	20.51	20.34	21.00	17.55	17.51	17.34	18.00

		WCDMA II Ant3 Default				WCDMA IV Ant3 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.99	20.10	20.07	21.60	20.93	21.04	20.97	22.60
3GPP Rel 99	RMC 12.2Kbps	20.20	20.21	20.17	21.60	21.02	21.22	21.08	22.60
3GPP Rel 6	HSDPA Subtest-1	19.32	19.16	19.19	20.60	19.98	20.19	20.14	21.60
3GPP Rel 6	HSDPA Subtest-2	19.09	19.23	19.26	20.60	19.94	20.27	20.01	21.60
3GPP Rel 6	HSDPA Subtest-3	18.79	18.76	18.67	20.10	19.49	19.62	19.68	21.10
3GPP Rel 6	HSDPA Subtest-4	18.68	18.75	18.72	20.10	19.50	19.82	19.51	21.10
3GPP Rel 8	DC-HSDPA Subtest-1	19.17	19.17	19.17	20.60	20.09	20.18	20.00	21.60
3GPP Rel 8	DC-HSDPA Subtest-2	19.23	19.20	19.27	20.60	19.97	20.19	20.03	21.60
3GPP Rel 8	DC-HSDPA Subtest-3	18.72	18.76	18.58	20.10	19.42	19.80	19.57	21.10
3GPP Rel 8	DC-HSDPA Subtest-4	18.79	18.64	18.68	20.10	19.44	19.78	19.63	21.10
3GPP Rel 6	HSUPA Subtest-1	19.10	19.28	19.15	20.60	20.04	20.33	20.20	21.60
3GPP Rel 6	HSUPA Subtest-2	17.23	17.25	17.17	18.60	17.97	18.23	18.03	19.60
3GPP Rel 6	HSUPA Subtest-3	18.30	18.28	18.29	19.60	18.92	19.32	19.13	20.60
3GPP Rel 6	HSUPA Subtest-4	17.27	17.31	17.06	18.60	18.09	18.32	18.03	19.60
3GPP Rel 6	HSUPA Subtest-5	19.08	19.32	19.28	20.60	20.09	20.32	20.18	21.60

Band 2 Ant3 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.52	20.56	20.53		
20	QPSK	1	49	20.51	20.45	20.36	22.1	0
20	QPSK	1	99	20.31	20.55	20.47		
20	QPSK	50	0	20.49	20.54	20.40		
20	QPSK	50	24	20.44	20.44	20.53	22.1	0
20	QPSK	50	50	20.34	20.41	20.36		
20	QPSK	100	0	20.42	20.50	20.39		
20	16QAM	1	0	20.53	20.49	20.44		
20	16QAM	1	49	20.43	20.53	20.40	22.1	0
20	16QAM	1	99	20.49	20.40	20.44		
20	16QAM	50	0	20.46	20.38	20.34		
20	16QAM	50	24	20.51	20.43	20.51	22.1	0
20	16QAM	50	50	20.39	20.42	20.51		
20	16QAM	100	0	20.39	20.41	20.41		
20	64QAM	1	0	20.44	20.50	20.44		
20	64QAM	1	49	20.38	20.38	20.54	22.1	0
20	64QAM	1	99	20.40	20.44	20.40		
20	64QAM	50	0	20.44	20.48	20.35		
20	64QAM	50	24	20.34	20.38	20.47	22.1	0
20	64QAM	50	50	20.44	20.35	20.39		
20	64QAM	100	0	20.40	20.37	20.40		
20	256QAM	1	0	19.14	19.26	19.05		
20	256QAM	1	49	19.25	19.24	19.20	20.6	1.5
20	256QAM	1	99	19.05	19.12	19.13		
20	256QAM	50	0	19.00	19.11	19.08		
20	256QAM	50	24	19.08	19.15	19.12	20.6	1.5
20	256QAM	50	50	19.02	19.07	18.86		
20	256QAM	100	0	18.88	19.09	18.97		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.31	20.43	20.42		
15	QPSK	1	37	20.62	20.40	20.27	22.1	0
15	QPSK	1	74	20.13	20.45	20.32		
15	QPSK	36	0	20.46	20.53	20.42		
15	QPSK	36	20	20.27	20.39	20.44	22.1	0
15	QPSK	36	39	20.25	20.33	20.22		
15	QPSK	75	0	20.22	20.47	20.24		
15	16QAM	1	0	20.41	20.36	20.42		
15	16QAM	1	37	20.41	20.35	20.34	22.1	0
15	16QAM	1	74	20.41	20.27	20.28		
15	16QAM	36	0	20.45	20.29	20.14		
15	16QAM	36	20	20.51	20.32	20.49	22.1	0
15	16QAM	36	39	20.19	20.37	20.45		
15	16QAM	75	0	20.20	20.36	20.26		
15	64QAM	1	0	20.45	20.41	20.35		
15	64QAM	1	37	20.39	20.36	20.39	22.1	0
15	64QAM	1	74	20.26	20.29	20.26		
15	64QAM	36	0	20.46	20.35	20.24		
15	64QAM	36	20	20.33	20.26	20.35	22.1	0
15	64QAM	36	39	20.40	20.27	20.40		
15	64QAM	75	0	20.23	20.33	20.36		
15	256QAM	1	0	19.05	19.04	18.91		
15	256QAM	1	37	19.15	19.09	19.15	20.6	1.5
15	256QAM	1	74	18.95	18.93	19.08		
15	256QAM	36	0	18.89	19.05	18.93		
15	256QAM	36	20	19.04	19.16	19.12	20.6	1.5
15	256QAM	36	39	18.88	18.99	18.82		
15	256QAM	75	0	18.82	18.88	18.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.44	20.35	20.31		
10	QPSK	1	25	20.35	20.35	20.33	22.1	0
10	QPSK	1	49	20.17	20.50	20.45		
10	QPSK	25	0	20.29	20.38	20.20		
10	QPSK	25	12	20.23	20.33	20.43	22.1	0
10	QPSK	25	25	20.36	20.42	20.16		
10	QPSK	50	0	20.33	20.38	20.36		
10	16QAM	1	0	20.45	20.48	20.45		
10	16QAM	1	25	20.40	20.41	20.30	22.1	0
10	16QAM	1	49	20.42	20.36	20.34		
10	16QAM	25	0	20.40	20.21	20.15		
10	16QAM	25	12	20.51	20.39	20.32	22.1	0
10	16QAM	25	25	20.38	20.24	20.36		
10	16QAM	50	0	20.22	20.38	20.19		
10	64QAM	1	0	20.42	20.34	20.37		
10	64QAM	1	25	20.20	20.29	20.49	22.1	0
10	64QAM	1	49	20.24	20.37	20.31		
10	64QAM	25	0	20.41	20.46	20.36		
10	64QAM	25	12	20.15	20.19	20.27	22.1	0
10	64QAM	25	25	20.38	20.35	20.37		
10	64QAM	50	0	20.20	20.23	20.20		
10	256QAM	1	0	19.02	19.06	18.97		
10	256QAM	1	25	19.14	19.26	19.20	20.6	1.5
10	256QAM	1	49	18.99	19.01	19.01		
10	256QAM	25	0	18.79	18.99	18.86		
10	256QAM	25	12	18.91	19.11	19.05	20.6	1.5
10	256QAM	25	25	18.93	18.88	18.85		
10	256QAM	50	0	18.68	19.07	18.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.34	20.34	20.51		
5	QPSK	1	12	20.30	20.38	20.35	22.1	0
5	QPSK	1	24	20.25	20.34	20.33		
5	QPSK	12	0	20.49	20.50	20.31		
5	QPSK	12	7	20.31	20.28	20.31	22.1	0
5	QPSK	12	13	20.29	20.26	20.18		
5	QPSK	25	0	20.25	20.47	20.32		
5	16QAM	1	0	20.51	20.28	20.45		
5	16QAM	1	12	20.37	20.48	20.19	22.1	0
5	16QAM	1	24	20.40	20.37	20.41		
5	16QAM	12	0	20.41	20.25	20.28		
5	16QAM	12	7	20.48	20.40	20.35	22.1	0
5	16QAM	12	13	20.39	20.23	20.33		
5	16QAM	25	0	20.36	20.31	20.24		
5	64QAM	1	0	20.27	20.30	20.45		
5	64QAM	1	12	20.27	20.20	20.34	22.1	0
5	64QAM	1	24	20.31	20.34	20.29		
5	64QAM	12	0	20.30	20.45	20.30		
5	64QAM	12	7	20.25	20.19	20.45	22.1	0
5	64QAM	12	13	20.31	20.34	20.22		
5	64QAM	25	0	20.18	20.17	20.41		
5	256QAM	1	0	19.12	19.06	18.95		
5	256QAM	1	12	19.11	19.08	19.10	20.6	1.5
5	256QAM	1	24	18.98	18.99	19.01		
5	256QAM	12	0	18.85	18.77	19.01		
5	256QAM	12	7	19.07	18.97	18.94	20.6	1.5
5	256QAM	12	13	18.86	19.08	18.87		
5	256QAM	25	0	18.81	18.98	18.94		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.30	20.55	20.35		
3	QPSK	1	8	20.29	20.35	20.16	22.1	0
3	QPSK	1	14	20.19	20.37	20.35		
3	QPSK	8	0	20.39	20.48	20.39		
3	QPSK	8	4	20.32	20.37	20.44	22.1	0
3	QPSK	8	7	20.15	20.21	20.29		
3	QPSK	15	0	20.35	20.51	20.24		
3	16QAM	1	0	20.43	20.46	20.23		
3	16QAM	1	8	20.39	20.42	20.20	22.1	0
3	16QAM	1	14	20.28	20.34	20.35		
3	16QAM	8	0	20.37	20.37	20.19		
3	16QAM	8	4	20.33	20.34	20.47	22.1	0
3	16QAM	8	7	20.22	20.22	20.42		
3	16QAM	15	0	20.18	20.39	20.23		
3	64QAM	1	0	20.25	20.37	20.29		
3	64QAM	1	8	20.29	20.26	20.56	22.1	0
3	64QAM	1	14	20.27	20.39	20.27		
3	64QAM	8	0	20.35	20.37	20.17		
3	64QAM	8	4	20.22	20.23	20.42	22.1	0
3	64QAM	8	7	20.44	20.24	20.33		
3	64QAM	15	0	20.39	20.37	20.38		
3	256QAM	1	0	18.92	19.22	18.88		
3	256QAM	1	8	19.07	19.07	19.19	20.6	1.5
3	256QAM	1	14	18.85	18.91	19.03		
3	256QAM	8	0	18.79	18.94	19.05		
3	256QAM	8	4	18.88	19.16	19.06	20.6	1.5
3	256QAM	8	7	18.94	19.02	18.87		
3	256QAM	15	0	18.72	19.10	18.91		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.42	20.39	20.48		
1.4	QPSK	1	3	20.45	20.37	20.24		
1.4	QPSK	1	5	20.32	20.49	20.43	22.1	0
1.4	QPSK	3	0	20.43	20.52	20.36		
1.4	QPSK	3	1	20.38	20.35	20.34		
1.4	QPSK	3	3	20.18	20.42	20.37		
1.4	QPSK	6	0	20.39	20.43	20.26	22.1	0
1.4	16QAM	1	0	20.46	20.27	20.28		
1.4	16QAM	1	3	20.36	20.34	20.34		
1.4	16QAM	1	5	20.38	20.35	20.41	22.1	0
1.4	16QAM	3	0	20.30	20.37	20.18		
1.4	16QAM	3	1	20.39	20.35	20.48		
1.4	16QAM	3	3	20.24	20.32	20.44		
1.4	16QAM	6	0	20.20	20.28	20.32	22.1	0
1.4	64QAM	1	0	20.25	20.30	20.34		
1.4	64QAM	1	3	20.33	20.25	20.36		
1.4	64QAM	1	5	20.30	20.29	20.30	22.1	0
1.4	64QAM	3	0	20.27	20.41	20.17		
1.4	64QAM	3	1	20.35	20.35	20.48		
1.4	64QAM	3	3	20.25	20.23	20.36		
1.4	64QAM	6	0	20.25	20.39	20.21	22.1	0
1.4	256QAM	1	0	18.98	19.07	19.05		
1.4	256QAM	1	3	19.19	19.10	19.13		
1.4	256QAM	1	5	19.03	19.13	19.03	20.6	1.5
1.4	256QAM	3	0	18.81	18.93	19.00		
1.4	256QAM	3	1	18.88	19.10	18.95		
1.4	256QAM	3	3	18.97	18.89	18.87		
1.4	256QAM	6	0	18.86	18.93	18.78	20.6	1.5

Band 4 Ant3 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.32	21.37	21.25		
20	QPSK	1	49	21.24	21.28	21.14	22.1	0
20	QPSK	1	99	21.26	21.31	21.27		
20	QPSK	50	0	21.26	21.35	21.08		
20	QPSK	50	24	21.16	21.25	21.24	22.1	0
20	QPSK	50	50	21.30	21.31	21.23		
20	QPSK	100	0	21.17	21.22	21.16		
20	16QAM	1	0	21.10	21.31	21.03		
20	16QAM	1	49	21.16	21.24	21.17	22.1	0
20	16QAM	1	99	21.11	21.25	21.22		
20	16QAM	50	0	21.26	21.31	21.10		
20	16QAM	50	24	21.12	21.19	21.12	22.1	0
20	16QAM	50	50	21.22	21.34	21.15		
20	16QAM	100	0	21.18	21.28	21.09		
20	64QAM	1	0	21.22	21.31	21.10		
20	64QAM	1	49	21.32	21.34	21.26	22.1	0
20	64QAM	1	99	21.32	21.22	21.23		
20	64QAM	50	0	20.59	20.93	20.56		
20	64QAM	50	24	20.67	20.63	20.78	21.6	0.5
20	64QAM	50	50	20.52	20.82	20.79		
20	64QAM	100	0	20.63	20.57	20.50		
20	256QAM	1	0	18.81	19.03	18.84		
20	256QAM	1	49	18.77	18.94	18.92	19.6	2.5
20	256QAM	1	99	18.99	18.82	18.76		
20	256QAM	50	0	18.66	18.86	18.91		
20	256QAM	50	24	18.81	18.86	18.81	19.6	2.5
20	256QAM	50	50	18.61	18.63	18.74		
20	256QAM	100	0	18.65	18.64	18.64		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.27	21.24	21.11		
15	QPSK	1	37	21.10	21.19	21.04	22.1	0
15	QPSK	1	74	21.16	21.14	21.26		
15	QPSK	36	0	21.07	21.23	21.07		
15	QPSK	36	20	21.04	21.22	21.10	22.1	0
15	QPSK	36	39	21.10	21.31	21.02		
15	QPSK	75	0	20.96	21.17	21.14		
15	16QAM	1	0	20.89	21.26	21.01		
15	16QAM	1	37	21.07	21.10	21.13	22.1	0
15	16QAM	1	74	20.91	21.20	21.08		
15	16QAM	36	0	21.16	21.29	20.94		
15	16QAM	36	20	20.93	21.01	21.08	22.1	0
15	16QAM	36	39	21.11	21.36	21.01		
15	16QAM	75	0	21.14	21.20	21.04		
15	64QAM	1	0	21.18	21.14	21.09		
15	64QAM	1	37	21.26	21.24	21.15	22.1	0
15	64QAM	1	74	21.17	21.14	21.02		
15	64QAM	36	0	20.51	20.78	20.43		
15	64QAM	36	20	20.69	20.59	20.76	21.6	0.5
15	64QAM	36	39	20.40	20.84	20.59		
15	64QAM	75	0	20.43	20.53	20.39		
15	256QAM	1	0	18.62	18.96	18.68		
15	256QAM	1	37	18.72	18.86	18.82	19.6	2.5
15	256QAM	1	74	18.90	18.67	18.69		
15	256QAM	36	0	18.63	18.88	18.69		
15	256QAM	36	20	18.66	18.80	18.70	19.6	2.5
15	256QAM	36	39	18.46	18.49	18.59		
15	256QAM	75	0	18.44	18.47	18.49		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.25	21.22	21.04		
10	QPSK	1	25	21.22	21.29	20.93	22.1	0
10	QPSK	1	49	21.32	21.04	21.12		
10	QPSK	25	0	21.27	21.27	21.00		
10	QPSK	25	12	21.12	21.22	21.14	22.1	0
10	QPSK	25	25	21.12	21.26	21.13		
10	QPSK	50	0	20.96	21.14	21.15		
10	16QAM	1	0	21.04	21.30	20.90		
10	16QAM	1	25	21.00	21.19	20.96	22.1	0
10	16QAM	1	49	20.95	21.25	21.23		
10	16QAM	25	0	21.13	21.24	20.99		
10	16QAM	25	12	21.08	21.03	21.08	22.1	0
10	16QAM	25	25	21.02	21.36	21.02		
10	16QAM	50	0	21.06	21.06	20.99		
10	64QAM	1	0	21.16	21.11	21.11		
10	64QAM	1	25	21.11	21.33	21.20	22.1	0
10	64QAM	1	49	21.25	21.12	21.02		
10	64QAM	25	0	20.59	20.86	20.57		
10	64QAM	25	12	20.63	20.51	20.79	21.6	0.5
10	64QAM	25	25	20.47	20.78	20.71		
10	64QAM	50	0	20.48	20.57	20.34		
10	256QAM	1	0	18.74	18.98	18.72		
10	256QAM	1	25	18.61	18.93	18.72	19.6	2.5
10	256QAM	1	49	18.85	18.76	18.69		
10	256QAM	25	0	18.58	18.67	18.81		
10	256QAM	25	12	18.63	18.73	18.76	19.6	2.5
10	256QAM	25	25	18.62	18.44	18.34		
10	256QAM	50	0	18.58	18.59	18.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.30	21.27	21.22		
5	QPSK	1	12	21.15	21.25	20.93	22.1	0
5	QPSK	1	24	21.10	20.97	21.17		
5	QPSK	12	0	21.23	21.20	20.94		
5	QPSK	12	7	21.10	21.18	21.16	22.1	0
5	QPSK	12	13	21.26	21.16	21.15		
5	QPSK	25	0	21.07	21.17	20.96		
5	16QAM	1	0	20.88	21.12	20.84		
5	16QAM	1	12	21.00	21.09	21.09	22.1	0
5	16QAM	1	24	21.05	21.12	21.06		
5	16QAM	12	0	21.25	21.16	20.92		
5	16QAM	12	7	21.11	21.01	21.08	22.1	0
5	16QAM	12	13	21.20	21.16	21.01		
5	16QAM	25	0	21.01	21.19	21.04		
5	64QAM	1	0	21.11	21.23	20.91		
5	64QAM	1	12	21.29	21.33	21.21	22.1	0
5	64QAM	1	24	21.31	21.15	21.23		
5	64QAM	12	0	20.38	20.76	20.56		
5	64QAM	12	7	20.68	20.48	20.68	21.6	0.5
5	64QAM	12	13	20.49	20.82	20.78		
5	64QAM	25	0	20.47	20.52	20.50		
5	256QAM	1	0	18.76	18.89	18.73		
5	256QAM	1	12	18.78	18.78	18.72	19.6	2.5
5	256QAM	1	24	18.96	18.68	18.60		
5	256QAM	12	0	18.55	18.76	18.92		
5	256QAM	12	7	18.67	18.87	18.68	19.6	2.5
5	256QAM	12	13	18.46	18.44	18.46		
5	256QAM	25	0	18.49	18.61	18.52		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.24	21.23	21.04		
3	QPSK	1	8	21.16	21.28	21.06	22.1	0
3	QPSK	1	14	21.26	21.17	21.23		
3	QPSK	8	0	21.19	21.33	21.00		
3	QPSK	8	4	21.15	21.21	21.17	22.1	0
3	QPSK	8	7	21.29	21.16	21.18		
3	QPSK	15	0	21.00	21.01	21.09		
3	16QAM	1	0	20.91	21.22	20.82		
3	16QAM	1	8	21.01	21.11	21.14	22.1	0
3	16QAM	1	14	21.06	21.26	21.16		
3	16QAM	8	0	21.21	21.15	21.01		
3	16QAM	8	4	21.01	21.17	21.03	22.1	0
3	16QAM	8	7	21.08	21.29	21.14		
3	16QAM	15	0	21.06	21.11	20.93		
3	64QAM	1	0	21.10	21.25	21.03		
3	64QAM	1	8	21.23	21.27	21.17	22.1	0
3	64QAM	1	14	21.23	21.10	21.15		
3	64QAM	8	0	20.47	20.79	20.49		
3	64QAM	8	4	20.47	20.56	20.58	21.6	0.5
3	64QAM	8	7	20.36	20.61	20.66		
3	64QAM	15	0	20.51	20.51	20.36		
3	256QAM	1	0	18.71	19.01	18.73		
3	256QAM	1	8	18.79	18.84	18.73	19.6	2.5
3	256QAM	1	14	18.95	18.79	18.65		
3	256QAM	8	0	18.64	18.71	18.75		
3	256QAM	8	4	18.81	18.67	18.70	19.6	2.5
3	256QAM	8	7	18.58	18.43	18.45		
3	256QAM	15	0	18.59	18.44	18.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.28	21.25	21.26		
1.4	QPSK	1	3	21.04	21.08	21.01		
1.4	QPSK	1	5	21.19	20.99	21.20	22.1	0
1.4	QPSK	3	0	21.11	21.33	21.02		
1.4	QPSK	3	1	21.10	21.23	21.12		
1.4	QPSK	3	3	21.31	21.33	21.06		
1.4	QPSK	6	0	21.04	21.19	21.03	22.1	0
1.4	16QAM	1	0	20.98	21.29	21.01		
1.4	16QAM	1	3	21.13	21.02	21.05		
1.4	16QAM	1	5	21.00	21.19	21.09	22.1	0
1.4	16QAM	3	0	21.10	21.21	21.05		
1.4	16QAM	3	1	21.05	20.99	21.08		
1.4	16QAM	3	3	21.09	21.27	21.01		
1.4	16QAM	6	0	21.16	21.13	21.03	22.1	0
1.4	64QAM	1	0	21.06	21.29	21.07		
1.4	64QAM	1	3	21.32	21.15	21.26		
1.4	64QAM	1	5	21.12	21.23	21.05	22.1	0
1.4	64QAM	3	0	20.43	20.79	20.38		
1.4	64QAM	3	1	20.45	20.51	20.62		
1.4	64QAM	3	3	20.32	20.75	20.68		
1.4	64QAM	6	0	20.61	20.47	20.44	21.6	0.5
1.4	256QAM	1	0	18.69	18.84	18.64		
1.4	256QAM	1	3	18.58	18.92	18.85		
1.4	256QAM	1	5	18.99	18.71	18.54	19.6	2.5
1.4	256QAM	3	0	18.50	18.69	18.83		
1.4	256QAM	3	1	18.61	18.85	18.63		
1.4	256QAM	3	3	18.49	18.49	18.52		
1.4	256QAM	6	0	18.54	18.61	18.49	19.6	2.5

Band 7 Ant3 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.72	21.21	21.09		
20	QPSK	1	49	21.14	21.05	21.06	22.2	0
20	QPSK	1	99	21.18	21.01	21.08		
20	QPSK	50	0	20.93	21.15	20.92		
20	QPSK	50	24	21.03	21.01	21.08	22.2	0
20	QPSK	50	50	21.05	21.08	21.01		
20	QPSK	100	0	21.11	21.12	21.09		
20	16QAM	1	0	20.95	21.09	21.07		

Band 66 Ant3 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.35	21.37	21.35	22.1	0
20	QPSK	1	49	21.24	21.17	21.28		
20	QPSK	1	99	21.29	21.34	21.19		
20	QPSK	50	0	21.26	21.36	21.25	22.1	0
20	QPSK	50	24	21.18	21.31	21.34		
20	QPSK	50	50	21.28	21.31	21.25		
20	QPSK	100	0	21.21	21.35	21.34		
20	16QAM	1	0	21.23	21.19	21.21	22.1	0
20	16QAM	1	49	21.20	21.24	21.23		
20	16QAM	1	99	21.18	21.30	21.14		
20	16QAM	50	0	21.17	21.33	21.14	22.1	0
20	16QAM	50	24	21.26	21.31	21.22		
20	16QAM	50	50	21.28	21.27	21.16		
20	16QAM	100	0	21.27	21.28	21.19		
20	64QAM	1	0	21.13	21.22	21.20	22.1	0
20	64QAM	1	49	21.14	21.30	21.17		
20	64QAM	1	99	21.22	21.35	21.23		
20	64QAM	50	0	21.27	21.17	21.25	22.1	0
20	64QAM	50	24	21.32	21.17	21.23		
20	64QAM	50	50	21.34	21.21	21.29		
20	64QAM	100	0	21.27	21.24	21.26		
20	256QAM	1	0	19.03	19.24	19.16	20.1	2
20	256QAM	1	49	19.09	19.13	19.30		
20	256QAM	1	99	19.10	19.16	19.36		
20	256QAM	50	0	19.31	19.13	19.13	20.1	2
20	256QAM	50	24	19.00	19.00	19.23		
20	256QAM	50	50	19.27	19.01	19.22		
20	256QAM	100	0	19.17	19.15	19.27		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.22	21.25	21.32	22.1	0
15	QPSK	1	37	21.07	20.95	21.26		
15	QPSK	1	74	21.18	21.36	21.12		
15	QPSK	36	0	21.05	21.29	21.24	22.1	0
15	QPSK	36	20	21.18	21.19	21.23		
15	QPSK	36	39	21.15	21.15	21.03		
15	QPSK	75	0	21.23	21.18	21.24		
15	16QAM	1	0	21.10	21.04	21.07	22.1	0
15	16QAM	1	37	21.03	21.14	21.12		
15	16QAM	1	74	21.09	21.17	21.14		
15	16QAM	36	0	21.01	21.28	20.97	22.1	0
15	16QAM	36	20	21.27	21.11	21.02		
15	16QAM	36	39	21.09	21.28	21.03		
15	16QAM	75	0	21.27	21.23	21.19		
15	64QAM	1	0	20.91	21.06	21.18	22.1	0
15	64QAM	1	37	21.05	21.27	21.14		
15	64QAM	1	74	21.14	21.17	21.07		
15	64QAM	36	0	21.28	21.11	21.11	22.1	0
15	64QAM	36	20	21.11	21.05	21.13		
15	64QAM	36	39	21.20	21.21	21.14		
15	64QAM	75	0	21.24	21.17	21.21		
15	256QAM	1	0	19.04	19.23	19.01	20.1	2
15	256QAM	1	37	19.10	18.99	19.31		
15	256QAM	1	74	18.92	19.03	19.22		
15	256QAM	36	0	19.20	19.14	19.03	20.1	2
15	256QAM	36	20	18.92	18.88	19.16		
15	256QAM	36	39	19.21	18.80	19.11		
15	256QAM	75	0	18.99	19.02	19.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.29	21.22	21.27	22.1	0
10	QPSK	1	25	21.08	21.15	21.12		
10	QPSK	1	49	21.08	21.20	21.02		
10	QPSK	25	0	21.24	21.25	21.14	22.1	0
10	QPSK	25	12	21.15	21.12	21.15		
10	QPSK	25	25	21.28	21.12	21.15		
10	QPSK	50	0	21.12	21.34	21.23		
10	16QAM	1	0	21.01	20.98	21.08	22.1	0
10	16QAM	1	25	21.16	21.09	21.19		
10	16QAM	1	49	21.02	21.08	20.96		
10	16QAM	25	0	20.96	21.34	20.96	22.1	0
10	16QAM	25	12	21.26	21.26	21.02		
10	16QAM	25	25	21.12	21.28	21.11		
10	16QAM	50	0	21.19	21.14	21.20		
10	64QAM	1	0	20.92	21.02	21.15	22.1	0
10	64QAM	1	25	21.02	21.23	21.02		
10	64QAM	1	49	21.04	21.13	21.21		
10	64QAM	25	0	21.28	21.14	21.09	22.1	0
10	64QAM	25	12	21.24	20.99	21.19		
10	64QAM	25	25	21.19	21.17	21.17		
10	64QAM	50	0	21.29	21.23	21.07		
10	256QAM	1	0	18.96	19.13	19.06	20.1	2
10	256QAM	1	25	19.03	18.94	19.30		
10	256QAM	1	49	18.93	19.09	19.31		
10	256QAM	25	0	19.25	19.04	19.07	20.1	2
10	256QAM	25	12	18.94	18.88	19.14		
10	256QAM	25	25	19.25	18.96	19.12		
10	256QAM	50	0	19.03	19.09	19.09		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.13	21.34	21.34	22.1	0
5	QPSK	1	12	21.03	20.96	21.29		
5	QPSK	1	24	21.16	21.35	21.09		
5	QPSK	12	0	21.10	21.30	21.08	22.1	0
5	QPSK	12	7	21.15	21.12	21.15		
5	QPSK	12	13	21.29	21.23	21.11		
5	QPSK	25	0	21.20	21.35	21.22		
5	16QAM	1	0	21.14	21.05	21.02	22.1	0
5	16QAM	1	12	21.06	21.11	21.21		
5	16QAM	1	24	20.98	21.24	21.08		
5	16QAM	12	0	21.08	21.20	21.15	22.1	0
5	16QAM	12	7	21.21	21.22	21.14		
5	16QAM	12	13	21.19	21.18	21.15		
5	16QAM	25	0	21.15	21.16	21.12		
5	64QAM	1	0	21.13	21.03	21.08	22.1	0
5	64QAM	1	12	21.02	21.13	21.12		
5	64QAM	1	24	21.23	21.35	21.06		
5	64QAM	12	0	21.08	21.07	21.11	22.1	0
5	64QAM	12	7	21.12	21.13	21.17		
5	64QAM	12	13	21.19	21.00	21.24		
5	64QAM	25	0	21.16	21.10	21.09		
5	256QAM	1	0	18.90	19.09	19.11	20.1	2
5	256QAM	1	12	19.07	19.12	19.27		
5	256QAM	1	24	18.89	18.98	19.17		
5	256QAM	12	0	19.20	19.01	19.10	20.1	2
5	256QAM	12	7	18.94	18.98	19.08		
5	256QAM	12	13	19.17	19.01	19.06		
5	256QAM	25	0	19.03	19.16	19.21		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.28	21.34	21.36	22.1	0
3	QPSK	1	8	21.07	20.98	21.26		
3	QPSK	1	14	21.26	21.20	21.13		
3	QPSK	8	0	21.16	21.31	21.11	22.1	0
3	QPSK	8	4	21.00	21.29	21.30		
3	QPSK	8	7	21.21	21.15	21.15		
3	QPSK	15	0	21.21	21.28	21.20		
3	16QAM	1	0	21.11	21.20	21.03	22.1	0
3	16QAM	1	8	21.01	21.19	21.03		
3	16QAM	1	14	20.99	21.18	20.94		
3	16QAM	8	0	21.13	21.14	20.93	22.1	0
3	16QAM	8	4	21.06	21.16	21.07		
3	16QAM	8	7	21.28	21.09	21.01		
3	16QAM	15	0	21.08	21.13	21.19	22.1	0
3	64QAM	1	0	21.13	21.14	21.13		
3	64QAM	1	8	21.12	21.11	21.09		
3	64QAM	1	14	21.09	21.21	21.15		
3	64QAM	8	0	21.16	20.99	21.22	22.1	0
3	64QAM	8	4	21.13	21.02	21.22		
3	64QAM	8	7	21.14	21.16	21.09		
3	64QAM	15	0	21.13	21.08	21.16		
3	256QAM	1	0	18.97	19.06	19.01	20.1	2
3	256QAM	1	8	19.07	18.91	19.20		
3	256QAM	1	14	19.07	19.01	19.23		
3	256QAM	8	0	19.29	19.08	18.99	20.1	2
3	256QAM	8	4	18.92	18.96	19.01		
3	256QAM	8	7	19.12	18.99	19.10		
3	256QAM	15	0	19.01	19.09	19.09		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.35	21.32	21.22	22.1	0
1.4	QPSK	1	3	21.19	21.13	21.21		
1.4	QPSK	1	5	21.08	21.24	21.17		
1.4	QPSK	3	0	21.27	21.28	21.22		
1.4	QPSK	3	1	21.04	21.31	21.20		
1.4	QPSK	3	3	21.06	21.33	21.08		
1.4	QPSK	6	0	21.10	21.13	21.24	22.1	0
1.4	16QAM	1	0	21.24	20.99	21.05	22.1	0
1.4	16QAM	1	3	21.08	21.05	21.05		
1.4	16QAM	1	5	21.00	21.23	21.03		
1.4	16QAM	3	0	21.17	21.34	21.00		
1.4	16QAM	3	1	21.09	21.28	21.10		
1.4	16QAM	3	3	21.13	21.24	20.98		
1.4	16QAM	6	0	21.15	21.13	21.08	22.1	0
1.4	64QAM	1	0	20.92	21.18	21.07	22.1	0
1.4	64QAM	1	3	21.02	21.29	21.05		
1.4	64QAM	1	5	21.01	21.24	21.01		
1.4	64QAM	3	0	21.14	20.97	21.23		
1.4	64QAM	3	1	21.20	21.09	21.13		
1.4	64QAM	3	3	21.21	21.16	21.08		
1.4	64QAM	6	0	21.15	21.14	21.09	22.1	0
1.4	256QAM	1	0	18.88	19.15	18.95	20.1	2
1.4	256QAM	1	3	18.99	19.06	19.18		
1.4	256QAM	1	5	18.95	19.00	19.35		
1.4	256QAM	3	0	19.18	19.09	19.06		
1.4	256QAM	3	1	18.89	18.93	19.05		
1.4	256QAM	3	3	19.10	18.85	19.06		
1.4	256QAM	6	0	19.07	19.09	19.19	20.1	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	22.71	22.85	22.77	24	0
20	QPSK	1	49	22.45	22.60	22.56		
20	QPSK	1	99	22.62	22.53	22.64		
20	QPSK	50	0	22.63	22.76	22.62	24	0
20	QPSK	50	24	22.58	22.63	22.49		
20	QPSK	50	50	22.56	22.52	22.62		
20	QPSK	100	0	22.59	22.71	22.64		
20	16QAM	1	0	22.56	22.68	22.59	24	0
20	16QAM	1	49	22.53	22.58	22.61		
20	16QAM	1	99	22.44	22.60	22.67		
20	16QAM	50	0	22.40	22.34	22.47	23.5	0.5
20	16QAM	50	24	22.31	22.41	22.44		
20	16QAM	50	50	22.42	22.39	22.39		
20	16QAM	100	0	22.43	22.33	22.43		
20	64QAM	1	0	22.47	22.35	22.32	23.5	0.5
20	64QAM	1	49	22.33	22.42	22.25		
20	64QAM	1	99	22.35	22.37	22.43		
20	64QAM	50	0	21.40	21.49	21.27	22.5	1.5
20	64QAM	50	24	21.19	21.41	21.30		
20	64QAM	50	50	21.43	21.45	21.40		
20	64QAM	100	0	21.45	21.43	21.34		
20	256QAM	1	0	19.37	19.56	19.37	20.5	3.5
20	256QAM	1	49	19.45	19.49	19.42		
20	256QAM	1	99	19.45	19.38	19.47		
20	256QAM	50	0	19.48	19.52	19.40	20.5	3.5
20	256QAM	50	24	19.40	19.31	19.41		
20	256QAM	50	50	19.51	19.27	19.53		
20	256QAM	100	0	19.53	19.44	19.45		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.77	22.81	22.78	24	0
15	QPSK	1	37	22.49	22.63	22.72		
15	QPSK	1	74	22.52	22.47	22.63		
15	QPSK	36	0	22.54	22.74	22.65	24	0
15	QPSK	36	20	22.47	22.51	22.42		
15	QPSK	36	39	22.49	22.48	22.69		
15	QPSK	75	0	22.55	22.64	22.60		
15	16QAM	1	0	22.57	22.63	22.60	24	0
15	16QAM	1	37	22.56	22.53	22.50		
15	16QAM	1	74	22.35	22.62	22.70		
15	16QAM	36	0	22.30	22.28	22.41	23.5	0.5
15	16QAM	36	20	22.35	22.46	22.41		
15	16QAM	36	39	22.34	22.25	22.51		
15	16QAM	75	0	22.51	22.31	22.55		
15	64QAM	1	0	22.47	22.34	22.34	23.5	0.5
15	64QAM	1	37	22.50	22.30	22.32		
15	64QAM	1	74	22.39	22.47	22.32		
15	64QAM	36	0	21.39	21.40	21.38	22.5	1.5
15	64QAM	36	20	21.39	21.46	21.45		
15	64QAM	36	39	21.41	21.33	21.46		
15	64QAM	75	0	21.36	21.30	21.38		
15	256QAM	1	0	19.43	19.54	19.36	20.5	3.5
15	256QAM	1	37	19.39	19.47	19.44		
15	256QAM	1	74	19.35	19.43	19.61		
15	256QAM	36	0	19.57	19.42	19.40	20.5	3.5
15	256QAM	36	20	19.35	19.37	19.48		
15	256QAM	36	39	19.52	19.29	19.51		
15	256QAM	75	0	19.54	19.37	19.43		
Channel				37500	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.75	22.79	22.75	24	0
10	QPSK	1	25	22.37	22.52	22.55		
10	QPSK	1	49	22.52	22.61	22.54		
10	QPSK	25	0	22.57	22.82	22.59	24	0
10	QPSK	25	12	22.61	22.49	22.41		
10	QPSK	25	25	22.46	22.62	22.60		
10	QPSK	50	0	22.51	22.71	22.55		
10	16QAM	1	0	22.46	22.56	22.47	24	0
10	16QAM	1	25	22.50	22.53	22.49		
10	16QAM	1	49	22.45	22.57	22.60		
10	16QAM	25	0	22.39	22.36	22.41	23.5	0.5
10	16QAM	25	12	22.20	22.47	22.53		
10	16QAM	25	25	22.40	22.29	22.33		
10	16QAM	50	0	22.39	22.36	22.36		
10	64QAM	1	0	22.34	22.32	22.38	23.5	0.5
10	64QAM	1	25	22.51	22.35	22.24		
10	64QAM	1	49	22.27	22.44	22.41		
10	64QAM	25	0	21.44	21.31	21.30	22.5	1.5
10	64QAM	25	12	21.31	21.33	21.29		
10	64QAM	25	25	21.30	21.34	21.27		
10	64QAM	50	0	21.40	21.34	21.30		
10	256QAM	1	0	19.32	19.47	19.43	20.5	3.5
10	256QAM	1	25	19.40	19.57	19.58		
10	256QAM	1	49	19.42	19.33	19.53		
10	256QAM	25	0	19.53	19.50	19.36	20.5	3.5
10	256QAM	25	12	19.44	19.31	19.38		
10	256QAM	25	25	19.50	19.33	19.56		
10	256QAM	50	0	19.65	19.43	19.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.58	22.69	22.64	24	0
5	QPSK	1	12	22.49	22.66	22.71		
5	QPSK	1	24	22.61	22.42	22.59		
5	QPSK	12	0	22.63	22.82	22.60	24	0
5	QPSK	12	7	22.59	22.63	22.53		
5	QPSK	12	13	22.51	22.50	22.68		
5	QPSK	25	0	22.56	22.69	22.62		
5	16QAM	1	0	22.48	22.56	22.44	24	0
5	16QAM	1	12	22.41	22.53	22.63		
5	16QAM	1	24	22.43	22.58	22.61		
5	16QAM	12	0	22.34	22.29	22.51	23.5	0.5
5	16QAM	12	7	22.25	22.43	22.57		
5	16QAM	12	13	22.46	22.29	22.50		
5	16QAM	25	0	22.51	22.33	22.47		
5	64QAM	1	0	22.37	22.23	22.38	23.5	0.5
5	64QAM	1	12	22.46	22.34	22.35		
5	64QAM	1	24	22.30	22.44	22.39		
5	64QAM	12	0	21.39	21.43	21.32	22.5	1.5
5	64QAM	12	7	21.39	21.47	21.36		
5	64QAM	12	13	21.46	21.32	21.34		
5	64QAM	25	0	21.40	21.40	21.33		
5	256QAM	1	0	19.47	19.49	19.34	20.5	3.5
5	256QAM	1	12	19.49	19.53	19.51		
5	256QAM	1	24	19.40	19.40	19.63		
5	256QAM	12	0	19.56	19.47	19.40	20.5	3.5
5	256QAM	12	7	19.48	19.30	19.51		
5	256QAM	12	13	19.48	19.36	19.58		
5	256QAM	25	0	19.53	19.40	19.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.68	22.76	22.79	22.65	22.61	24	0
20	QPSK	1	49	22.56	22.60	22.59	22.64	22.70		
20	QPSK	1	99	22.49	22.52	22.65	22.71	22.68		
20	QPSK	50	0	22.61	22.70	22.72	22.63	22.57	24	0
20	QPSK	50	24	22.62	22.58	22.54	22.65	22.68		
20	QPSK	50	50	22.58	22.60	22.53	22.59	22.53		
20	QPSK	100	0	22.57	22.64	22.68	22.50	22.52		
20	16QAM	1	0	22.48	22.57	22.65	22.63	22.64	24	0
20	16QAM	1	49	22.46	22.59	22.53	22.70	22.58		
20	16QAM	1	99	22.48	22.54	22.56	22.59	22.69		
20	16QAM	50	0	22.28	22.51	22.40	22.38	22.57	23.5	0.5
20	16QAM	50	24	22.28	22.53	22.52	22.47	22.46		
20	16QAM	50	50	22.19	22.43	22.54	22.41	22.55		
20	16QAM	100	0	22.24	22.49	22.42	22.54	22.39		
20	64QAM	1	0	22.36	22.54	22.52	22.43	22.54	23.5	0.5
20	64QAM	1	49	22.36	22.45	22.43	22.49	22.53		
20	64QAM	1	99	22.24	22.48	22.40	22.50	22.45		
20	64QAM	50	0	21.79	21.82	21.80	21.78	21.82	22.5	1.5
20	64QAM	50	24	21.87	21.75	21.88	21.82	21.82		
20	64QAM	50	50	21.71	21.76	21.74	21.78	21.75		
20	64QAM	100	0	21.84	21.69	21.78	21.72	21.85		
20	256QAM	1	0	19.56	19.66	19.56	19.54	19.72	20.5	3.5
20	256QAM	1	49	19.65	19.66	19.62	19.63	19.65		
20	256QAM	1	99	19.58	19.62	19.64	19.61	19.71		
20	256QAM	50	0	19.57	19.53	19.67	19.64	19.58	20.5	3.5
20	256QAM	50	24	19.69	19.66	19.64	19.71	19.65		
20	256QAM	50	50	19.65	19.57	19.61	19.61	19.55		
20	256QAM	100	0	19.72	19.68	19.66	19.57	19.62		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.53	22.60	22.63	22.56	22.55	24	0
15	QPSK	1	37	22.46	22.52	22.44	22.59	22.58		
15	QPSK	1	74	22.31	22.37	22.54	22.68	22.52		
15	QPSK	36	0	22.48	22.63	22.72	22.62	22.41	24	0
15	QPSK	36	20	22.50	22.49	22.41	22.49	22.64		
15	QPSK	36	39	22.43	22.44	22.43	22.57	22.43		
15	QPSK	75	0	22.38	22.58	22.55	22.48	22.37		
15	16QAM	1	0	22.32	22.57	22.47	22.58	22.58	24	0
15	16QAM	1	37	22.27	22.39	22.48	22.66	22.45		
15	16QAM	1	74	22.48	22.35	22.46	22.57	22.51		
15	16QAM	36	0	22.10	22.41	22.39	22.22	22.49	23.5	0.5
15	16QAM	36	20	22.17	22.52	22.45	22.40	22.42		
15	16QAM	36	39	22.22	22.23	22.36	22.30	22.36		
15	16QAM	75	0	22.09	22.31	22.24	22.40	22.36		
15	64QAM	1	0	22.33	22.53	22.41	22.26	22.41	23.5	0.5
15	64QAM	1	37	22.34	22.25	22.26	22.45	22.43		
15	64QAM	1	74	22.23	22.33	22.22	22.36	22.25		
15	64QAM	36	0	21.61	21.66	21.71	21.62	21.77	22.5	1.5
15	64QAM	36	20	21.72	21.67	21.76	21.73	21.71		
15	64QAM	36	39	21.53	21.60	21.70	21.60	21.56		
15	64QAM	75	0	21.83	21.54	21.62	21.55	21.72		
15	256QAM	1	0	19.38	19.51	19.55	19.41	19.54	20.5	3.5
15	256QAM	1	37	19.47	19.48	19.58	19.62	19.59		
15	256QAM	1	74	19.50	19.47	19.60	19.52	19.58		
15	256QAM	36	0	19.48	19.33	19.48	19.49	19.55	20.5	3.5
15	256QAM	36	20	19.61	19.48	19.45	19.57	19.49		
15	256QAM	36	39	19.63	19.40	19.45	19.58	19.45		
15	256QAM	75	0	19.52	19.64	19.63	19.49	19.52		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.56	22.63	22.72	22.63	22.57	24	0
10	QPSK	1	25	22.47	22.54	22.52	22.50	22.54		
10	QPSK	1	49	22.34	22.50	22.48	22.63	22.62		
10	QPSK	25	0	22.59	22.51	22.68	22.54	22.53	24	0
10	QPSK	25	12	22.56	22.47	22.36	22.57	22.57		
10	QPSK	25	25	22.44	22.50	22.41	22.58	22.42		
10	QPSK	50	0	22.38	22.59	22.64	22.44	22.37		
10	16QAM	1	0	22.29	22.43	22.60	22.50	22.63	24	0
10	16QAM	1	25	22.31	22.42	22.41	22.64	22.55		
10	16QAM	1	49	22.36	22.43	22.40	22.40	22.57		
10	16QAM	25	0	22.16	22.46	22.37	22.28	22.51	23.5	0.5
10	16QAM	25	12	22.24	22.52	22.34	22.28	22.43		
10	16QAM	25	25	22.04	22.40	22.51	22.29	22.44		
10	16QAM	50	0	22.17	22.42	22.37	22.39	22.20		
10	64QAM	1	0	22.24	22.51	22.42	22.37	22.49	23.5	0.5
10	64QAM	1	25	22.25	22.37	22.43	22.35	22.47		
10	64QAM	1	49	22.20	22.29	22.40	22.38	22.40		
10	64QAM	25	0	21.73	21.71	21.74	21.60	21.77	22.5	1.5
10	64QAM	25	12	21.77	21.59	21.77	21.80	21.74		
10	64QAM	25	25	21.51	21.74	21.62	21.64	21.64		
10	64QAM	50	0	21.79	21.54	21.71	21.70	21.74		
10	256QAM	1	0	19.39	19.48	19.47	19.36	19.64	20.5	3.5
10	256QAM	1	25	19.59	19.64	19.54	19.61	19.49		
10	256QAM	1	49	19.41	19.44	19.56	19.61	19.70		
10	256QAM	25	0	19.55	19.50	19.66	19.48	19.56	20.5	3.5
10	256QAM	25	12	19.59	19.57	19.49	19.61	19.49		
10	256QAM	25	25	19.56	19.42	19.59	19.58	19.42		
10	256QAM	50	0	19.66	19.60	19.62	19.47	19.42		
Channel				39675	40143	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.62	22.59	22.78	22.54	22.52	24	0
5	QPSK	1	12	22.53	22.46	22.48	22.63	22.51		
5	QPSK	1	24	22.48	22.43	22.56	22.62	22.64		
5	QPSK	12	0	22.49	22.60	22.65	22.55	22.51	24	0
5	QPSK	12	7	22.47	22.55	22.46	22.45	22.62		
5	QPSK	12	13	22.47	22.44	22.37	22.42	22.33		
5	QPSK	25	0	22.56	22.49	22.66	22.49	22.35		
5	16QAM	1	0	22.47	22.39	22.50	22.53	22.53	24	0
5	16QAM	1	12	22.32	22.58	22.52	22.69	22.53		
5	16QAM	1	24	22.47	22.47	22.54	22.47	22.49		
5	16QAM	12	0	22.24	22.48	22.20	22.31	22.56	23.5	0.5
5	16QAM	12	7	22.19	22.39	22.44	22.33	22.38		
5	16QAM	12	13	22.09	22.41	22.49	22.33	22.47		
5	16QAM	25	0	22.07	22.38	22.41	22.35	22.35		
5	64QAM	1	0	22.17	22.52	22.33	22.26	22.54	23.5	0.5
5	64QAM	1	12	22.23	22.42	22.28	22.36	22.45		
5	64QAM	1	24	22.22	22.38	22.21	22.30	22.28		
5	64QAM	12	0	21.76	21.75	21.66	21.71	21.79	22.5	1.5
5	64QAM	12	7	21.67	21.66	21.87	21.69	21.66		
5	64QAM	12	13	21.66	21.72	21.67	21.60	21.60		
5	64QAM	25	0	21.72	21.59	21.64	21.62	21.70		
5	256QAM	1	0	19.39	19.60	19.40	19.49	19.63	20.5	3.5
5	256QAM	1	12	19.50	19.49	19.57	19.57	19.46		
5	256QAM	1	24	19.49	19.52	19.63	19.56	19.70		
5	256QAM	12	0	19.45	19.42	19.61	19.52	19.47	20.5	3.5
5	256QAM	12	7	19.51	19.64	19.62	19.53	19.62		
5	256QAM	12	13	19.52	19.51	19.60	19.56	19.41		
5	256QAM	25	0	19.53	19.65	19.66	19.41	19.43		

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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	24.50	24.58	24.62	24.52	24.41	25.7	0
20	QPSK	1	49	24.37	24.50	24.54	24.37	24.34		
20	QPSK	1	99	24.33	24.54	24.44	24.46	24.25		
20	QPSK	50	0	24.46	24.52	24.57	24.45	24.35	25.7	0
20	QPSK	50	24	24.49	24.38	24.47	24.32	24.23		
20	QPSK	50	50	24.37	24.39	24.54	24.41	24.40		
20	QPSK	100	0	24.38	24.46	24.53	24.36	24.32		
20	16QAM	1	0	24.33	24.46	24.60	24.37	24.23	25.7	0
20	16QAM	1	49	24.37	24.40	24.53	24.44	24.30		
20	16QAM	1	99	24.43	24.50	24.45	24.41	24.26		
20	16QAM	50	0	24.33	24.43	24.48	24.51	24.29	25.7	0
20	16QAM	50	24	24.40	24.48	24.46	24.49	24.29		
20	16QAM	50	50	24.43	24.49	24.45	24.41	24.33		
20	16QAM	100	0	24.45	24.58	24.55	24.41	24.22		
20	64QAM	1	0	24.41	24.56	24.43	24.46	24.25	25.7	0
20	64QAM	1	49	24.41	24.40	24.54	24.43	24.24		
20	64QAM	1	99	24.33	24.54	24.59	24.36	24.31		
20	64QAM	50	0	24.49	24.45	24.55	24.45	24.27	25.7	0
20	64QAM	50	24	24.49	24.45	24.47	24.35	24.34		
20	64QAM	50	50	24.37	24.52	24.46	24.47	24.41		
20	64QAM	100	0	24.48	24.45	24.45	24.48	24.38		
20	256QAM	1	0	22.58	22.55	22.54	22.47	22.50	23.7	2
20	256QAM	1	49	22.48	22.53	22.54	22.53	22.60		
20	256QAM	1	99	22.51	22.55	22.53	22.63	22.49		
20	256QAM	50	0	22.65	22.58	22.56	22.47	22.50	23.7	2
20	256QAM	50	24	22.48	22.56	22.50	22.46	22.60		
20	256QAM	50	50	22.52	22.47	22.53	22.56	22.54		
20	256QAM	100	0	22.58	22.56	22.56	22.49	22.62		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.38	24.39	24.56	24.50	24.30	26	0
15	QPSK	1	37	24.28	24.48	24.35	24.21	24.17		
15	QPSK	1	74	24.28	24.47	24.37	24.31	24.25		
15	QPSK	36	0	24.41	24.38	24.41	24.36	24.32	25.7	0
15	QPSK	36	20	24.34	24.33	24.38	24.22	24.11		
15	QPSK	36	39	24.21	24.31	24.39	24.26	24.33		
15	QPSK	75	0	24.32	24.39	24.48	24.22	24.28		
15	16QAM	1	0	24.18	24.40	24.55	24.18	24.09	25.7	0
15	16QAM	1	37	24.18	24.38	24.36	24.29	24.11		
15	16QAM	1	74	24.32	24.34	24.28	24.21	24.10		
15	16QAM	36	0	24.20	24.40	24.34	24.39	24.22	25.7	0
15	16QAM	36	20	24.36	24.39	24.41	24.40	24.14		
15	16QAM	36	39	24.40	24.42	24.40	24.34	24.18		
15	16QAM	75	0	24.40	24.52	24.38	24.37	24.02		
15	64QAM	1	0	24.28	24.40	24.35	24.28	24.16	25.7	0
15	64QAM	1	37	24.38	24.28	24.46	24.24	24.17		
15	64QAM	1	74	24.17	24.37	24.55	24.22	24.21		
15	64QAM	36	0	24.34	24.38	24.42	24.33	24.22	25.7	0
15	64QAM	36	20	24.42	24.38	24.34	24.21	24.15		
15	64QAM	36	39	24.27	24.48	24.26	24.42	24.34		
15	64QAM	75	0	24.36	24.25	24.26	24.34	24.37		
15	256QAM	1	0	22.56	22.36	22.49	22.46	22.35	23.7	2
15	256QAM	1	37	22.37	22.44	22.37	22.46	22.51		
15	256QAM	1	74	22.40	22.42	22.41	22.60	22.43		
15	256QAM	36	0	22.46	22.48	22.37	22.38	22.37	23.7	2
15	256QAM	36	20	22.34	22.52	22.43	22.29	22.46		
15	256QAM	36	39	22.47	22.41	22.38	22.52	22.47		
15	256QAM	75	0	22.43	22.48	22.41	22.29	22.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.49	24.41	24.59	24.47	24.26	26	0
10	QPSK	1	25	24.21	24.36	24.50	24.25	24.27		
10	QPSK	1	49	24.20	24.45	24.31	24.30	24.16		
10	QPSK	25	0	24.41	24.40	24.55	24.33	24.23	25.7	0
10	QPSK	25	12	24.32	24.26	24.40	24.28	24.07		
10	QPSK	25	25	24.29	24.29	24.39	24.22	24.23		
10	QPSK	50	0	24.25	24.38	24.35	24.33	24.18		
10	16QAM	1	0	24.31	24.40	24.58	24.25	24.09	25.7	0
10	16QAM	1	25	24.35	24.33	24.41	24.36	24.24		
10	16QAM	1	49	24.30	24.32	24.43	24.39	24.25		
10	16QAM	25	0	24.24	24.26	24.44	24.47	24.11	25.7	0
10	16QAM	25	12	24.28	24.31	24.30	24.42	24.26		
10	16QAM	25	25	24.36	24.34	24.27	24.29	24.30		
10	16QAM	50	0	24.28	24.41	24.40	24.22	24.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.13	20.16	20.01	21	0
20	QPSK	1	49	19.99	20.11	20.02		
20	QPSK	1	99	20.13	19.97	19.83		
20	QPSK	50	0	20.04	20.14	19.93	21	0
20	QPSK	50	24	19.97	19.96	19.89		
20	QPSK	50	50	20.03	20.08	20.01		
20	QPSK	100	0	20.10	20.12	19.88		
20	16QAM	1	0	19.93	20.09	19.81	21	0
20	16QAM	1	49	20.06	20.09	19.94		
20	16QAM	1	99	20.03	20.02	20.02		
20	16QAM	50	0	19.98	20.03	20.03	21	0
20	16QAM	50	24	20.11	20.03	19.82		
20	16QAM	50	50	20.14	20.14	20.00		
20	16QAM	100	0	20.13	20.07	20.01		
20	64QAM	1	0	19.92	20.06	19.95	21	0
20	64QAM	1	49	20.13	20.06	19.99		
20	64QAM	1	99	20.04	20.11	19.81		
20	64QAM	50	0	20.09	20.08	19.92	21	0
20	64QAM	50	24	20.09	19.97	20.00		
20	64QAM	50	50	20.02	20.13	19.79		
20	64QAM	100	0	20.11	20.02	19.84		
20	256QAM	1	0	19.74	19.88	19.67	20.5	0.5
20	256QAM	1	49	19.67	19.85	19.74		
20	256QAM	1	99	19.55	19.71	19.65		
20	256QAM	50	0	19.80	19.93	19.58	20.5	0.5
20	256QAM	50	24	19.60	19.64	19.63		
20	256QAM	50	50	19.74	19.75	19.72		
20	256QAM	100	0	19.69	19.93	19.89		
Channel				42103	42500	42015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.06	19.96	19.85	21	0
15	QPSK	1	37	19.79	20.07	19.98		
15	QPSK	1	74	20.01	19.79	19.82		
15	QPSK	36	0	19.84	19.98	19.87	21	0
15	QPSK	36	20	19.82	19.87	19.69		
15	QPSK	36	39	20.00	19.94	19.84		
15	QPSK	75	0	19.91	19.92	19.80		
15	16QAM	1	0	19.84	19.96	19.60	21	0
15	16QAM	1	37	19.94	20.03	19.74		
15	16QAM	1	74	19.97	19.98	20.03		
15	16QAM	36	0	19.99	19.86	20.02	21	0
15	16QAM	36	20	20.12	19.89	19.66		
15	16QAM	36	39	20.10	20.04	19.95		
15	16QAM	75	0	20.09	19.98	20.01		
15	64QAM	1	0	19.81	19.93	19.81	21	0
15	64QAM	1	37	20.01	20.01	19.80		
15	64QAM	1	74	20.04	19.97	19.67		
15	64QAM	36	0	19.98	19.86	19.89	21	0
15	64QAM	36	20	20.06	19.79	19.86		
15	64QAM	36	39	19.90	20.02	19.64		
15	64QAM	75	0	20.06	19.99	19.65		
15	256QAM	1	0	19.63	19.68	19.65	20.5	0.5
15	256QAM	1	37	19.64	19.74	19.73		
15	256QAM	1	74	19.52	19.52	19.62		
15	256QAM	36	0	19.70	19.88	19.40	20.5	0.5
15	256QAM	36	20	19.58	19.53	19.53		
15	256QAM	36	39	19.63	19.57	19.70		
15	256QAM	75	0	19.70	19.91	19.76		
Channel				42140	42500	42340	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.97	19.95	19.90	21	0
10	QPSK	1	25	20.00	19.99	20.03		
10	QPSK	1	49	20.04	19.77	19.83		
10	QPSK	25	0	19.83	19.95	19.95	21	0
10	QPSK	25	12	19.92	19.96	19.81		
10	QPSK	25	25	19.88	19.93	19.86		
10	QPSK	50	0	20.11	20.01	19.90		
10	16QAM	1	0	19.87	20.10	19.60	21	0
10	16QAM	1	25	19.98	19.95	19.88		
10	16QAM	1	49	19.84	19.86	19.86		
10	16QAM	25	0	19.88	20.03	20.05	21	0
10	16QAM	25	12	20.00	19.89	19.78		
10	16QAM	25	25	20.09	20.03	19.92		
10	16QAM	50	0	20.04	19.97	19.89		
10	64QAM	1	0	19.74	19.89	19.64	21	0
10	64QAM	1	25	19.92	19.93	19.86		
10	64QAM	1	49	19.96	19.93	19.79		
10	64QAM	25	0	20.05	19.92	19.72	21	0
10	64QAM	25	12	19.96	19.99	19.98		
10	64QAM	25	25	19.84	20.08	19.74		
10	64QAM	50	0	20.04	19.85	19.67		
10	256QAM	1	0	19.67	19.83	19.65	20.5	0.5
10	256QAM	1	25	19.57	19.84	19.72		
10	256QAM	1	49	19.50	19.56	19.53		
10	256QAM	25	0	19.67	19.71	19.45	20.5	0.5
10	256QAM	25	12	19.47	19.44	19.57		
10	256QAM	25	25	19.54	19.73	19.73		
10	256QAM	50	0	19.52	19.87	19.74		
Channel				42113	42500	42065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.93	20.10	19.86	21	0
5	QPSK	1	12	20.00	19.89	19.97		
5	QPSK	1	24	20.06	19.92	19.75		
5	QPSK	12	0	19.90	20.00	19.80	21	0
5	QPSK	12	7	19.96	19.95	19.73		
5	QPSK	12	13	19.91	19.96	19.91		
5	QPSK	25	0	20.09	19.93	19.73		
5	16QAM	1	0	19.75	20.01	19.66	21	0
5	16QAM	1	12	20.00	19.88	19.89		
5	16QAM	1	24	19.98	19.88	19.92		
5	16QAM	12	0	19.83	19.91	19.94	21	0
5	16QAM	12	7	19.89	20.03	19.64		
5	16QAM	12	13	19.98	19.96	19.81		
5	16QAM	25	0	20.00	20.07	19.95		
5	64QAM	1	0	19.76	19.90	19.74	21	0
5	64QAM	1	12	20.10	20.01	19.88		
5	64QAM	1	24	19.90	19.97	19.67		
5	64QAM	12	0	19.91	20.10	19.75	21	0
5	64QAM	12	7	19.94	19.77	19.97		
5	64QAM	12	13	19.87	19.95	19.71		
5	64QAM	25	0	20.09	19.90	19.64		
5	256QAM	1	0	19.65	19.88	19.51	20.5	0.5
5	256QAM	1	12	19.64	19.85	19.66		
5	256QAM	1	24	19.43	19.65	19.43		
5	256QAM	12	0	19.72	19.84	19.48	20.5	0.5
5	256QAM	12	7	19.57	19.48	19.59		
5	256QAM	12	13	19.65	19.66	19.52		
5	256QAM	25	0	19.54	19.84	19.85		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	20.21	20.22	20.17	21.3	0
20	QPSK	1	49	20.05	20.07	20.16		
20	QPSK	1	99	20.18	20.10	20.13		
20	QPSK	50	0	20.01	20.20	20.19	21.3	0
20	QPSK	50	24	20.02	20.05	20.02		
20	QPSK	50	50	20.16	20.13	20.06		
20	QPSK	100	0	19.99	20.06	19.99		
20	16QAM	1	0	20.04	20.09	20.04	21.3	0
20	16QAM	1	49	20.16	20.06	19.99		
20	16QAM	1	99	20.20	20.03	20.12		
20	16QAM	50	0	20.20	20.07	20.11	21.3	0
20	16QAM	50	24	20.04	20.01	19.97		
20	16QAM	50	50	20.10	20.09	20.09		
20	16QAM	100	0	20.17	20.09	20.11		
20	64QAM	1	0	20.17	20.21	20.03	21.3	0
20	64QAM	1	49	20.07	20.21	20.01		
20	64QAM	1	99	20.19	20.01	20.04		
20	64QAM	50	0	19.46	19.54	19.30	20.8	0.5
20	64QAM	50	24	19.41	19.49	19.24		
20	64QAM	50	50	19.36	19.49	19.46		
20	64QAM	100	0	19.24	19.46	19.29		
20	256QAM	1	0	18.99	19.00	18.91	20.3	1
20	256QAM	1	49	18.88	19.10	19.08		
20	256QAM	1	99	18.89	19.02	18.85		
20	256QAM	50	0	19.03	19.20	19.27	20.3	1
20	256QAM	50	24	19.05	19.17	19.09		
20	256QAM	50	50	19.00	19.25	19.14		
20	256QAM	100	0	19.30	19.42	19.23		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	20.05	20.12	20.10	21.3	0
15	QPSK	1	37	19.98	20.07	20.15		
15	QPSK	1	74	19.96	20.10	19.95		
15	QPSK	36	0	19.79	20.16	20.17	21.3	0
15	QPSK	36	20	19.91	19.93	19.91		
15	QPSK	36	39	19.95	20.03	19.88		
15	QPSK	75	0	19.97	19.84	19.89		
15	16QAM	1	0	19.88	19.98	20.04	21.3	0
15	16QAM	1	37	20.11	20.03	20.00		
15	16QAM	1	74	20.00	19.88	20.06		
15	16QAM	36	0	20.06	19.93	19.92	21.3	0
15	16QAM	36	20	19.96	19.93	19.84		
15	16QAM	36	39	19.90	19.97	19.94		
15	16QAM	75	0	20.01	20.00	20.10		
15	64QAM	1	0	20.17	20.15	19.97	21.3	0
15	64QAM	1	37	20.07	20.11	19.94		
15	64QAM	1	74	20.09	20.01	19.99		
15	64QAM	36	0	19.25	19.49	19.11	20.8	0.5
15	64QAM	36	20	19.19	19.33	19.03		
15	64QAM	36	39	19.17	19.44	19.43		
15	64QAM	75	0	19.14	19.45	19.22		
15	256QAM	1	0	18.79	18.90	18.81	20.3	1
15	256QAM	1	37	18.81	19.05	18.95		
15	256QAM	1	74	18.76	19.03	18.81		
15	256QAM	36	0	19.00	19.06	19.11	20.3	1
15	256QAM	36	20	18.99	19.03	18.89		
15	256QAM	36	39	18.95	19.09	19.07		
15	256QAM	75	0	19.21	19.24	19.08		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	20.19	20.09	20.04	21.3	0
10	QPSK	1	25	19.87	20.01	19.95		
10	QPSK	1	49	20.20	19.97	19.97		
10	QPSK	25	0	19.97	20.19	20.07	21.3	0
10	QPSK	25	12	19.87	19.93	20.04		
10	QPSK	25	25	20.13	20.06	19.95		
10	QPSK	50	0	19.81	19.85	19.93		
10	16QAM	1	0	19.87	20.05	19.93	21.3	0
10	16QAM	1	25	20.09	19.97	19.99		
10	16QAM	1	49	20.06	19.96	20.10		
10	16QAM	25	0	20.16	19.96	20.04	21.3	0
10	16QAM	25	12	20.04	19.79	19.97		
10	16QAM	25	25	19.95	20.04	20.08		
10	16QAM	50	0	19.95	19.98	20.00		
10	64QAM	1	0	19.96	20.16	19.96	21.3	0
10	64QAM	1	25	19.91	20.07	19.87		
10	64QAM	1	49	20.00	19.85	19.86		
10	64QAM	25	0	19.45	19.32	19.22	20.8	0.5
10	64QAM	25	12	19.27	19.47	19.09		
10	64QAM	25	25	19.16	19.42	19.34		
10	64QAM	50	0	19.20	19.36	19.17		
10	256QAM	1	0	18.85	18.79	18.77	20.3	1
10	256QAM	1	25	18.82	19.01	18.88		
10	256QAM	1	49	18.68	18.92	18.80		
10	256QAM	25	0	19.02	19.10	19.15	20.3	1
10	256QAM	25	12	18.98	19.06	19.07		
10	256QAM	25	25	18.84	19.18	18.92		
10	256QAM	50	0	19.23	19.42	19.22		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	20.14	20.09	19.98	21.3	0
5	QPSK	1	12	20.04	19.95	20.10		
5	QPSK	1	24	20.13	20.06	20.02		
5	QPSK	12	0	19.85	19.98	20.19	21.3	0
5	QPSK	12	7	19.94	19.92	20.00		
5	QPSK	12	13	20.15	19.92	20.07		
5	QPSK	25	0	19.94	19.95	19.79		
5	16QAM	1	0	19.91	19.94	19.89	21.3	0
5	16QAM	1	12	20.14	20.04	19.82		
5	16QAM	1	24	20.19	20.02	19.90		
5	16QAM	12	0	20.00	19.94	20.08	21.3	0
5	16QAM	12	7	19.86	19.91	19.89		
5	16QAM	12	13	19.93	20.02	20.03		
5	16QAM	25	0	20.17	19.91	20.03		
5	64QAM	1	0	20.13	20.21	19.86	21.3	0
5	64QAM	1	12	19.89	20.05	20.00		
5	64QAM	1	24	20.17	19.99	20.01		
5	64QAM	12	0	19.28	19.54	19.19	20.8	0.5
5	64QAM	12	7	19.30	19.51	19.16		
5	64QAM	12	13	19.27	19.42	19.39		
5	64QAM	25	0	19.08	19.37	19.12		
5	256QAM	1	0	18.83	18.84	18.81	20.3	1
5	256QAM	1	12	18.86	18.91	18.94		
5	256QAM	1	24	18.88	18.97	18.70		
5	256QAM	12	0	18.96	19.01	19.19	20.3	1
5	256QAM	12	7	18.97	19.12	18.89		
5	256QAM	12	13	18.82	19.24	19.11		
5	256QAM	25	0	19.13	19.42	19.11		

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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	20.34	20.52	20.49	20.29	21.3	0
20	QPSK	1	49	20.34	20.30	20.47	20.16		
20	QPSK	1	99	20.21	20.35	20.29	20.12		
20	QPSK	50	0	20.34	20.50	20.38	20.20	21.3	0
20	QPSK	50	24	20.19	20.38	20.48	20.27		
20	QPSK	50	50	20.33	20.44	20.37	20.22		
20	QPSK	100	0	20.21	20.48	20.43	20.11		
20	16QAM	1	0	20.16	20.45	20.28	20.20	21.3	0
20	16QAM	1	49	20.18	20.50	20.34	20.20		
20	16QAM	1	99	20.31	20.31	20.33	20.14		
20	16QAM	50	0	20.29	20.37	20.33	20.12	21.3	0
20	16QAM	50	24	20.20	20.32	20.30	20.30		
20	16QAM	50	50	20.12	20.48	20.44	20.30		
20	16QAM	100	0	20.31	20.31	20.31	20.16		
20	64QAM	1	0	20.18	20.42	20.49	20.11	21.3	0
20	64QAM	1	49	20.28	20.44	20.46	20.09		
20	64QAM	1	99	20.14	20.51	20.36	20.24		
20	64QAM	50	0	20.18	20.06	20.12	20.12	20.8	0.5
20	64QAM	50	24	19.96	20.15	19.92	19.93		
20	64QAM	50	50	20.00	20.09	20.02	19.93		
20	64QAM	100	0	20.08	20.15	20.16	20.08		
20	256QAM	1	0	19.97	20.15	18.06	17.26	20.3	1
20	256QAM	1	49	20.10	20.06	20.05	19.72		
20	256QAM	1	99	19.82	18.16	17.84	17.10		
20	256QAM	50	0	19.17	19.21	19.33	19.34	20.3	1
20	256QAM	50	24	19.22	19.36	19.14	19.11		
20	256QAM	50	50	19.05	19.21	19.09	19.04		
20	256QAM	100	0	19.23	19.28	19.23	19.26		
Channel				55315	55820	56140	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.25	20.37	20.37	20.25	21.3	0
15	QPSK	1	37	20.25	20.27	20.41	20.10		
15	QPSK	1	74	20.20	20.22	20.08	19.96		
15	QPSK	36	0	20.26	20.37	20.21	20.18	21.3	0
15	QPSK	36	20	20.04	20.26	20.33	20.11		
15	QPSK	36	39	20.18	20.27	20.28	20.03		
15	QPSK	75	0	20.04	20.32	20.33	19.94		
15	16QAM	1	0	20.09	20.36	20.24	20.21	21.3	0
15	16QAM	1	37	20.18	20.51	20.16	20.22		
15	16QAM	1	74	20.15	20.19	20.13	20.13		
15	16QAM	36	0	20.16	20.19	20.19	20.07	21.3	0
15	16QAM	36	20	20.02	20.29	20.25	20.24		
15	16QAM	36	39	20.14	20.31	20.42	20.24		
15	16QAM	75	0	20.17	20.16	20.15	20.17		
15	64QAM	1	0	20.08	20.34	20.33	20.13	21.3	0
15	64QAM	1	37	20.22	20.33	20.33	19.96		
15	64QAM	1	74	20.12	20.33	20.18	20.17		
15	64QAM	36	0	20.17	19.84	19.96	19.91	20.8	0.5
15	64QAM	36	20	19.78	20.12	19.79	19.84		
15	64QAM	36	39	19.86	20.10	20.03	19.89		
15	64QAM	75	0	20.08	20.13	20.08	20.02		
15	256QAM	1	0	19.84	20.11	18.01	17.21	20.3	1
15	256QAM	1	37	20.06	20.00	19.90	19.62		
15	256QAM	1	74	19.65	18.07	17.62	17.09		
15	256QAM	36	0	19.13	19.22	19.28	19.31	20.3	1
15	256QAM	36	20	19.10	19.36	19.02	19.06		
15	256QAM	36	39	18.90	18.92	18.99	19.03		
15	256QAM	75	0	19.12	19.22	19.10	19.27		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.13	20.33	20.36	20.15	21.3	0
10	QPSK	1	25	20.15	20.14	20.35	20.07		
10	QPSK	1	49	20.07	20.31	20.22	20.13		
10	QPSK	25	0	20.23	20.31	20.18	20.02	21.3	0
10	QPSK	25	12	20.16	20.22	20.40	20.05		
10	QPSK	25	25	20.26	20.44	20.32	20.06		
10	QPSK	50	0	20.17	20.48	20.28	20.06		
10	16QAM	1	0	20.17	20.38	20.27	20.07	21.3	0
10	16QAM	1	25	20.00	20.50	20.28	20.12		
10	16QAM	1	49	20.13	20.30	20.28	20.08		
10	16QAM	25	0	20.11	20.26	20.15	20.02	21.3	0
10	16QAM	25	12	19.98	20.23	20.27	20.31		
10	16QAM	25	25	19.99	20.39	20.23	20.22		
10	16QAM	50	0	20.20	20.32	20.18	19.98		
10	64QAM	1	0	20.08	20.41	20.39	20.06	21.3	0
10	64QAM	1	25	20.10	20.31	20.36	20.08		
10	64QAM	1	49	20.08	20.42	20.24	20.02		
10	64QAM	25	0	20.20	19.95	19.90	19.92	20.8	0.5
10	64QAM	25	12	19.82	19.98	19.93	19.82		
10	64QAM	25	25	19.97	20.05	19.83	19.89		
10	64QAM	50	0	19.92	20.08	19.98	19.99		
10	256QAM	1	0	19.95	20.09	17.88	17.27	20.3	1
10	256QAM	1	25	20.02	19.86	19.98	19.55		
10	256QAM	1	49	19.74	18.18	17.85	16.90		
10	256QAM	25	0	19.08	19.06	19.28	19.28	20.3	1
10	256QAM	25	12	19.08	19.30	18.93	18.90		
10	256QAM	25	25	18.92	19.12	19.02	18.84		
10	256QAM	50	0	19.15	19.14	19.23	19.27		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.34	20.50	20.46	20.18	21.3	0
5	QPSK	1	12	20.21	20.23	20.47	20.17		
5	QPSK	1	24	20.17	20.33	20.11	20.05		
5	QPSK	12	0	20.16	20.29	20.27	20.21	21.3	0
5	QPSK	12	7	20.18	20.19	20.38	20.22		
5	QPSK	12	13	20.12	20.25	20.19	20.11		
5	QPSK	25	0	20.10	20.30	20.31	20.11		
5	16QAM	1	0	20.17	20.39	20.28	20.15	21.3	0
5	16QAM	1	12	20.02	20.29	20.25	20.09		
5	16QAM	1	24	20.26	20.27	20.15	19.98		
5	16QAM	12	0	20.22	20.38	20.14	20.05	21.3	0
5	16QAM	12	7	20.16	20.13	20.15	20.28		
5	16QAM	12	13	20.13	20.46	20.31	20.10		
5	16QAM	25	0	20.13	20.26	20.17	20.00		
5	64QAM	1	0	20.03	20.39	20.44	20.06	21.3	0
5	64QAM	1	12	20.07	20.28	20.40	20.01		
5	64QAM	1	24	19.99	20.40	20.32	20.05		
5	64QAM	12	0	20.16	20.05	19.93	19.96	20.8	0.5
5	64QAM	12	7	19.84	19.94	19.89	19.74		
5	64QAM	12	13	19.83	19.97	19.95	19.94		
5	64QAM	25	0	19.92	20.01	20.00	20.09		
5	256QAM	1	0	19.80	20.07	18.08	17.26	20.3	1
5	256QAM	1	12	20.05	19.88	19.89	19.52		
5	256QAM	1	24	19.81	18.12	17.63	17.05		
5	256QAM	12	0	19.06	19.08	19.13	19.21	20.3	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.42	23.46	23.13	24	0
20	QPSK	1	49	23.34	23.38	23.29		
20	QPSK	1	99	23.19	23.33	23.28		
20	QPSK	50	0	22.56	22.63	22.49	23	1
20	QPSK	50	24	22.47	22.57	22.50		
20	QPSK	50	50	22.39	22.52	22.42		
20	QPSK	100	0	22.40	22.52	22.40		
20	16QAM	1	0	22.44	22.50	22.46	23	1
20	16QAM	1	49	22.38	22.44	22.37		
20	16QAM	1	99	22.37	22.40	22.30		
20	16QAM	50	0	21.47	21.55	21.44	22	2
20	16QAM	50	24	21.35	21.47	21.33		
20	16QAM	50	50	21.42	21.51	21.37		
20	16QAM	100	0	21.39	21.45	21.41		
20	64QAM	1	0	21.59	21.62	21.56	22	2
20	64QAM	1	49	21.45	21.56	21.49		
20	64QAM	1	99	21.46	21.52	21.45		
20	64QAM	50	0	20.51	20.56	20.45	21	3
20	64QAM	50	24	20.33	20.47	20.37		
20	64QAM	50	50	20.49	20.52	20.48		
20	64QAM	100	0	20.31	20.44	20.40		
20	256QAM	1	0	20.18	20.28	20.15	21	3
20	256QAM	1	49	20.12	20.25	20.12		
20	256QAM	1	99	20.07	20.20	20.15		
20	256QAM	50	0	20.13	20.23	20.17	21	3
20	256QAM	50	24	20.05	20.13	19.98		
20	256QAM	50	50	20.11	20.19	20.07		
20	256QAM	100	0	20.07	20.19	20.13		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.39	23.43	23.07	24	0
15	QPSK	1	37	23.22	23.31	23.23		
15	QPSK	1	74	23.06	23.18	23.21		
15	QPSK	36	0	22.41	22.60	22.39	23	1
15	QPSK	36	20	22.39	22.49	22.36		
15	QPSK	36	39	22.30	22.38	22.33		
15	QPSK	75	0	22.28	22.42	22.27		
15	16QAM	1	0	22.40	22.42	22.41	23	1
15	16QAM	1	37	22.27	22.30	22.31		
15	16QAM	1	74	22.26	22.27	22.26		
15	16QAM	36	0	21.41	21.45	21.41	22	2
15	16QAM	36	20	21.28	21.43	21.24		
15	16QAM	36	39	21.35	21.44	21.30		
15	16QAM	75	0	21.35	21.34	21.33		
15	64QAM	1	0	21.55	21.55	21.45	22	2
15	64QAM	1	37	21.41	21.44	21.42		
15	64QAM	1	74	21.38	21.43	21.42		
15	64QAM	36	0	20.46	20.42	20.32	21	3
15	64QAM	36	20	20.20	20.35	20.29		
15	64QAM	36	39	20.36	20.44	20.43		
15	64QAM	75	0	20.25	20.30	20.37		
15	256QAM	1	0	20.12	20.22	20.05	21	3
15	256QAM	1	37	20.06	20.17	20.03		
15	256QAM	1	74	20.00	20.16	20.10		
15	256QAM	36	0	19.99	20.13	20.13	21	3
15	256QAM	36	20	20.01	20.10	19.94		
15	256QAM	36	39	20.03	20.06	20.02		
15	256QAM	75	0	19.99	20.14	20.03		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.34	23.37	23.01	24	0
10	QPSK	1	25	23.28	23.29	23.22		
10	QPSK	1	49	23.14	23.23	23.25		
10	QPSK	25	0	22.42	22.56	22.43	23	1
10	QPSK	25	12	22.35	22.42	22.44		
10	QPSK	25	25	22.24	22.45	22.28		
10	QPSK	50	0	22.27	22.47	22.33		
10	16QAM	1	0	22.30	22.47	22.35	23	1
10	16QAM	1	25	22.26	22.38	22.30		
10	16QAM	1	49	22.33	22.35	22.27		
10	16QAM	25	0	21.41	21.47	21.32	22	2
10	16QAM	25	12	21.21	21.33	21.28		
10	16QAM	25	25	21.36	21.41	21.26		
10	16QAM	50	0	21.27	21.34	21.30		
10	64QAM	1	0	21.53	21.51	21.46	22	2
10	64QAM	1	25	21.41	21.51	21.35		
10	64QAM	1	49	21.38	21.46	21.41		
10	64QAM	25	0	20.42	20.44	20.35	21	3
10	64QAM	25	12	20.29	20.40	20.33		
10	64QAM	25	25	20.45	20.49	20.35		
10	64QAM	50	0	20.17	20.37	20.32		
10	256QAM	1	0	20.04	20.24	20.04	21	3
10	256QAM	1	25	20.04	20.11	19.98		
10	256QAM	1	49	19.95	20.05	20.01		
10	256QAM	25	0	20.03	20.11	20.12	21	3
10	256QAM	25	12	19.98	20.00	19.84		
10	256QAM	25	25	20.04	20.09	20.04		
10	256QAM	50	0	20.01	20.08	20.10		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.29	23.32	22.99	24	0
5	QPSK	1	12	23.20	23.25	23.22		
5	QPSK	1	24	23.14	23.18	23.21		
5	QPSK	12	0	22.42	22.57	22.36	23	1
5	QPSK	12	7	22.37	22.49	22.47		
5	QPSK	12	13	22.34	22.39	22.35		
5	QPSK	25	0	22.33	22.44	22.26		
5	16QAM	1	0	22.40	22.41	22.38	23	1
5	16QAM	1	12	22.34	22.41	22.28		
5	16QAM	1	24	22.29	22.32	22.21		
5	16QAM	12	0	21.39	21.51	21.40	22	2
5	16QAM	12	7	21.20	21.39	21.29		
5	16QAM	12	13	21.39	21.41	21.30		
5	16QAM	25	0	21.27	21.40	21.38		
5	64QAM	1	0	21.53	21.56	21.45	22	2
5	64QAM	1	12	21.36	21.42	21.35		
5	64QAM	1	24	21.37	21.41	21.37		
5	64QAM	12	0	20.42	20.45	20.35	21	3
5	64QAM	12	7	20.30	20.35	20.34		
5	64QAM	12	13	20.43	20.46	20.40		
5	64QAM	25	0	20.27	20.31	20.30		
5	256QAM	1	0	20.05	20.14	20.06	21	3
5	256QAM	1	12	20.06	20.10	20.07		
5	256QAM	1	24	19.96	20.12	20.02		
5	256QAM	12	0	19.98	20.16	20.14	21	3
5	256QAM	12	7	19.94	20.02	19.94		
5	256QAM	12	13	19.98	20.14	20.00		
5	256QAM	25	0	19.92	20.04	20.04		

Band 43_FCC 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				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	23.06	23.26	23.08	24	0
20	QPSK	1	49	22.94	23.18	23.00		
20	QPSK	1	99	23.02	23.13	23.02		
20	QPSK	50	0	22.34	22.44	22.36	23	1
20	QPSK	50	24	22.30	22.38	22.25		
20	QPSK	50	50	22.24	22.33	22.28		
20	QPSK	100	0	22.34	22.43	22.35		
20	16QAM	1	0	21.93	22.07	22.00	23	1
20	16QAM	1	49	21.92	22.01	21.95		
20	16QAM	1	99	21.85	21.97	21.92		
20	16QAM	50	0	21.13	21.18	21.10	22	2
20	16QAM	50	24	21.07	21.10	21.06		
20	16QAM	50	50	21.05	21.14	21.08		
20	16QAM	100	0	21.04	21.08	21.02		
20	64QAM	1	0	21.06	21.20	21.08	22	2
20	64QAM	1	49	21.10	21.14	21.04		
20	64QAM	1	99	21.03	21.10	20.99		
20	64QAM	50	0	20.08	20.15	20.10	21	3
20	64QAM	50	24	19.95	20.06	19.93		
20	64QAM	50	50	19.98	20.11	20.07		
20	64QAM	100	0	19.99	20.03	19.89		
20	256QAM	1	0	19.64	19.71	19.68	21	3
20	256QAM	1	49	19.56	19.68	19.64		
20	256QAM	1	99	19.59	19.63	19.50		
20	256QAM	50	0	19.73	19.84	19.73	21	3
20	256QAM	50	24	19.67	19.74	19.67		
20	256QAM	50	50	19.72	19.80	19.72		
20	256QAM	100	0	19.74	19.82	19.75		
Channel				44165	.	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.95	23.20	22.95	24	0
15	QPSK	1	37	22.87	23.14	22.94		
15	QPSK	1	74	22.98	23.00	22.96		
15	QPSK	36	0	22.27	22.30	22.29	23	1
15	QPSK	36	20	22.22	22.27	22.18		
15	QPSK	36	39	22.09	22.24	22.18		
15	QPSK	75	0	22.24	22.36	22.27		
15	16QAM	1	0	21.83	21.94	21.86	23	1
15	16QAM	1	37	21.82	21.89	21.82		
15	16QAM	1	74	21.72	21.94	21.85		
15	16QAM	36	0	20.99	21.08	20.99	22	2
15	16QAM	36	20	20.94	21.07	21.00		
15	16QAM	36	39	20.98	21.05	21.01		
15	16QAM	75	0	20.89	20.94	20.91		
15	64QAM	1	0	21.03	21.12	21.05	22	2
15	64QAM	1	37	21.01	21.09	20.92		
15	64QAM	1	74	20.92	20.97	20.88		
15	64QAM	36	0	19.97	20.00	20.00	21	3
15	64QAM	36	20	19.85	19.93	19.84		
15	64QAM	36	39	19.93	19.97	20.04		
15	64QAM	75	0	19.85	19.99	19.83		
15	256QAM	1	0	19.52	19.65	19.57	21	3
15	256QAM	1	37	19.46	19.59	19.51		
15	256QAM	1	74	19.46	19.57	19.43		
15	256QAM	36	0	19.66	19.69	19.60	21	3
15	256QAM	36	20	19.53	19.66	19.53		
15	256QAM	36	39	19.66	19.67	19.57		
15	256QAM	75	0	19.61	19.71	19.60		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	23.02	23.17	23.00	24	0
10	QPSK	1	25	22.80	23.10	22.91		
10	QPSK	1	49	22.92	23.05	22.97		
10	QPSK	25	0	22.26	22.38	22.24	23	1
10	QPSK	25	12	22.16	22.24	22.16		
10	QPSK	25	25	22.16	22.29	22.20		
10	QPSK	50	0	22.28	22.29	22.29		
10	16QAM	1	0	21.85	22.03	21.87	23	1
10	16QAM	1	25	21.82	21.90	21.91		
10	16QAM	1	49	21.76	21.84	21.84		
10	16QAM	25	0	21.07	21.04	20.96	22	2
10	16QAM	25	12	21.01	21.03	20.96		
10	16QAM	25	25	20.95	21.08	20.99		
10	16QAM	50	0	20.99	21.03	20.91		
10	64QAM	1	0	20.93	21.17	21.00	22	2
10	64QAM	1	25	20.99	21.06	20.97		
10	64QAM	1	49	20.99	21.00	20.88		
10	64QAM	25	0	20.04	20.12	19.98	21	3
10	64QAM	25	12	19.89	20.02	19.90		
10	64QAM	25	25	19.95	19.98	20.00		
10	64QAM	50	0	19.87	19.93	19.80		
10	256QAM	1	0	19.60	19.65	19.64	21	3
10	256QAM	1	25	19.44	19.63	19.55		
10	256QAM	1	49	19.45	19.54	19.45		
10	256QAM	25	0	19.67	19.75	19.63	21	3
10	256QAM	25	12	19.58	19.61	19.56		
10	256QAM	25	25	19.65	19.68	19.67		
10	256QAM	50	0	19.67	19.72	19.62		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	23.00	23.14	23.04	24	0
5	QPSK	1	12	22.88	23.12	22.85		
5	QPSK	1	24	22.89	23.02	22.96		
5	QPSK	12	0	22.30	22.39	22.27	23	1
5	QPSK	12	7	22.25	22.29	22.22		
5	QPSK	12	13	22.18	22.24	22.20		
5	QPSK	25	0	22.29	22.32	22.28		
5	16QAM	1	0	21.83	21.96	21.86	23	1
5	16QAM	1	12	21.89	21.93	21.84		
5	16QAM	1	24	21.75	21.88	21.78		
5	16QAM	12	0	21.04	21.09	20.96	22	2
5	16QAM	12	7	20.96	20.95	20.93		
5	16QAM	12	13	20.98	21.02	20.94		
5	16QAM	25	0	20.99	20.98	20.90		
5	64QAM	1	0	20.92	21.17	21.03	22	2
5	64QAM	1	12	21.01	21.05	20.95		
5	64QAM	1	24	20.92	21.03	20.94		
5	64QAM	12	0	19.96	20.12	20.06	21	3
5	64QAM	12	7	19.89	19.92	19.86		
5	64QAM	12	13	19.94	20.01	19.94		
5	64QAM	25	0	19.95	19.90	19.82		
5	256QAM	1	0	19.53	19.64	19.57	21	3
5	256QAM	1	12	19.42	19.60	19.61		
5	256QAM	1	24	19.55	19.50	19.39		
5	256QAM	12	0	19.64	19.73	19.65	21	3
5	256QAM	12	7	19.60	19.69	19.64		
5	256QAM	12	13	19.63	19.73	19.60		
5	256QAM	25	0	19.59	19.77	19.71		

Band 48_FCC Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.24	23.56	23.41	23.32	24	0
20	QPSK	1	49	23.17	23.48	23.38	23.32		
20	QPSK	1	99	23.15	23.43	23.35	23.21		
20	QPSK	50	0	22.22	22.52	22.37	22.33	23	1
20	QPSK	50	24	22.14	22.46	22.33	22.25		
20	QPSK	50	50	22.16	22.41	22.37	22.19		
20	QPSK	100	0	22.29	22.59	22.47	22.34		
20	16QAM	1	0	22.08	22.40	22.37	22.20	23	1
20	16QAM	1	49	22.10	22.34	22.24	22.11		
20	16QAM	1	99	21.99	22.30	22.15	22.13		
20	16QAM	50	0	21.29	21.59	21.45	21.37	22	2
20	16QAM	50	24	21.18	21.51	21.44	21.32		
20	16QAM	50	50	21.28	21.55	21.41	21.41		
20	16QAM	100	0	21.23	21.49	21.34	21.29		
20	64QAM	1	0	21.33	21.56	21.51	21.42	22	2
20	64QAM	1	49	21.20	21.50	21.46	21.36		
20	64QAM	1	99	21.15	21.46	21.41	21.27		
20	64QAM	50	0	20.26	20.54	20.45	20.33	21	3
20	64QAM	50	24	20.20	20.45	20.36	20.30		
20	64QAM	50	50	20.18	20.50	20.44	20.33		
20	64QAM	100	0	20.11	20.42	20.37	20.24		
20	256QAM	1	0	19.81	20.06	19.94	19.93	21	3
20	256QAM	1	49	19.79	20.03	19.95	19.83		
20	256QAM	1	99	19.67	19.98	19.89	19.85		
20	256QAM	50	0	20.00	20.26	20.14	20.06	21	3
20	256QAM	50	24	19.82	20.16	20.10	19.92		
20	256QAM	50	50	19.87	20.22	20.15	20.05		
20	256QAM	100	0	20.04	20.27	20.22	20.13		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.16	23.50	23.33	23.26	24	0
15	QPSK	1	37	23.11	23.36	23.27	23.21		
15	QPSK	1	74	23.02	23.30	23.29	23.13		
15	QPSK	36	0	22.16	22.46	22.29	22.22	23	1
15	QPSK	36	20	21.99	22.34	22.19	22.20		
15	QPSK	36	39	22.10	22.36	22.27	22.08		
15	QPSK	75	0	22.20	22.54	22.43	22.31		
15	16QAM	1	0	21.96	22.30	22.34	22.06	23	1
15	16QAM	1	37	22.05	22.25	22.15	22.00		
15	16QAM	1	74	21.91	22.26	22.05	22.06		
15	16QAM	36	0	21.15	21.55	21.37	21.23	22	2
15	16QAM	36	20	21.08	21.43	21.37	21.25		
15	16QAM	36	39	21.24	21.50	21.35	21.35		
15	16QAM	75	0	21.09	21.35	21.22	21.22		
15	64QAM	1	0	21.26	21.50	21.48	21.29	22	2
15	64QAM	1	37	21.05	21.39	21.32	21.24		
15	64QAM	1	74	21.06	21.42	21.29	21.13		
15	64QAM	36	0	20.17	20.45	20.32	20.24	21	3
15	64QAM	36	20	20.06	20.39	20.31	20.18		
15	64QAM	36	39	20.08	20.44	20.34	20.18		
15	64QAM	75	0	20.01	20.30	20.23	20.10		
15	256QAM	1	0	19.72	20.01	19.86	19.79	21	3
15	256QAM	1	37	19.67	19.95	19.84	19.69		
15	256QAM	1	74	19.57	19.92	19.86	19.73		
15	256QAM	36	0	19.96	20.22	20.05	19.99	21	3
15	256QAM	36	20	19.89	20.09	19.99	19.78		
15	256QAM	36	39	19.83	20.17	20.07	19.94		
15	256QAM	75	0	19.91	20.22	20.09	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	23.20	23.50	23.28	23.28	24	0
10	QPSK	1	25	23.09	23.33	23.25	23.22		
10	QPSK	1	49	23.09	23.29	23.26	23.09		
10	QPSK	25	0	22.12	22.41	22.24	22.24	23	1
10	QPSK	25	12	22.09	22.35	22.26	22.19		
10	QPSK	25	25	22.10	22.28	22.33	22.06		
10	QPSK	50	0	22.22	22.55	22.42	22.24		
10	16QAM	1	0	21.99	22.25	22.30	22.11	23	1
10	16QAM	1	25	21.98	22.25	22.21	22.07		
10	16QAM	1	49	21.90	22.16	22.02	21.98		
10	16QAM	25	0	21.26	21.54	21.36	21.28	22	2
10	16QAM	25	12	21.11	21.38	21.32	21.18		
10	16QAM	25	25	21.21	21.40	21.28	21.30		
10	16QAM	50	0	21.17	21.36	21.20	21.26		
10	64QAM	1	0	21.22	21.51	21.43	21.34	22	2
10	64QAM	1	25	21.16	21.41	21.33	21.29		
10	64QAM	1	49	21.07	21.40	21.28	21.23		
10	64QAM	25	0	20.20	20.41	20.39	20.23	21	3
10	64QAM	25	12	20.05	20.32	20.28	20.24		
10	64QAM	25	25	20.07	20.42	20.36	20.22		
10	64QAM	50	0	20.01	20.38	20.22	20.10		
10	256QAM	1	0	19.75	19.95	19.81	19.82	21	3
10	256QAM	1	25	19.67	19.93	19.80	19.78		
10	256QAM	1	49	19.54	19.88	19.75	19.73		
10	256QAM	25	0	19.97	20.15	20.09	19.92	21	3
10	256QAM	25	12	19.74	20.10	19.97	19.85		
10	256QAM	25	25	19.75	20.09	20.09	19.92		
10	256QAM	50	0	20.00	20.18	20.12	20.07		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.11	23.44	23.32	23.19	24	0
5	QPSK	1	12	23.08	23.42	23.28	23.23		
5	QPSK	1	24	23.10	23.31	23.28	23.07		
5	QPSK	12	0	22.15	22.42	22.26	22.27	23	1
5	QPSK	12	7	22.09	22.32	22.25	22.13		
5	QPSK	12	13	22.12	22.30	22.25	22.05		
5	QPSK	25	0	22.23	22.54	22.40	22.26		
5	16QAM	1	0	21.97	22.32	22.28	22.13	23	1
5	16QAM	1	12	22.02	22.23	22.19	21.98		
5	16QAM	1	24	21.86	22.15	22.01	22.02		
5	16QAM	12	0	21.20	21.47	21.40	21.25	22	2
5	16QAM	12	7	21.09	21.46	21.34	21.21		
5	16QAM	12	13	21.18	21.46	21.35	21.33		
5	16QAM	25	0	21.10	21.40	21.29	21.18		
5	64QAM	1	0	21.23	21.46	21.37	21.37	22	2
5	64QAM	1	12	21.12	21.37	21.31	21.24		
5	64QAM	1	24	21.01	21.33	21.37	21.14		
5	64QAM	12	0	20.21	20.41	20.39	20.20	21	3
5	64QAM	12	7	20.09	20.39	20.33	20.19		
5	64QAM	12	13	20.04	20.39	20.39	20.25		
5	64QAM	25	0	19.99	20.30	20.31	20.09		
5	256QAM	1	0	19.77	19.96	19.88	19.80	21	3
5	256QAM	1	12	19.68	19.97	19.84	19.71		
5	256QAM	1	24	19.54	19.88	19.78	19.73		
5	256QAM	12	0	19.90	20.19	20.10	20.00	21	3
5	256QAM	12	7	19.72	20.13	19.98	19.80		
5	256QAM	12	13	19.75	20.11	20.09	19.96		
5	256QAM	25	0	19.93	20.15	20.08	20.09		

Reduced Power Mode for Main PA DSI6

GSM850 Ant0 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.79	32.82	32.74	33.50	23.79	23.82	23.74	24.50
GPRS 1 Tx slot	32.81	32.85	32.78	33.50	23.81	23.85	23.78	24.50
GPRS 2 Tx slots	29.40	29.52	29.37	30.50	23.40	23.52	23.37	24.50
GPRS 3 Tx slots	28.12	28.15	28.17	30.00	23.86	23.89	23.91	25.74
GPRS 4 Tx slots	26.37	26.50	26.37	27.50	23.37	23.50	23.37	24.50
EDGE 1 Tx slot	25.38	25.44	25.28	26.50	16.38	16.44	16.28	17.50
EDGE 2 Tx slots	23.57	23.78	23.64	25.00	17.57	17.78	17.64	19.00
EDGE 3 Tx slots	22.46	22.59	22.53	23.50	18.20	18.33	18.27	19.24
EDGE 4 Tx slots	20.49	20.61	20.41	21.50	17.49	17.61	17.41	18.50

GSM1900 Ant0 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.51	29.59	29.38	30.50	20.51	20.59	20.38	21.50
GPRS 1 Tx slot	29.61	29.66	29.59	30.50	20.61	20.66	20.59	21.50
GPRS 2 Tx slots	27.06	27.22	27.13	28.00	21.06	21.22	21.13	22.00
GPRS 3 Tx slots	25.18	25.33	25.28	26.50	20.92	21.07	21.02	22.24
GPRS 4 Tx slots	23.28	23.40	23.32	24.50	20.28	20.40	20.32	21.50
EDGE 1 Tx slot	25.03	25.05	24.87	26.00	16.03	16.05	15.87	17.00
EDGE 2 Tx slots	23.23	23.41	23.21	24.50	17.23	17.41	17.21	18.50
EDGE 3 Tx slots	22.27	22.28	22.07	23.50	18.01	18.02	17.81	19.24
EDGE 4 Tx slots	20.08	20.11	19.98	21.00	17.08	17.11	16.98	18.00

		WCDMA II Ant0 DSI6				WCDMA IV Ant0 DSI6				WCDMA V Ant0 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.68	22.71	22.61	23.90	22.58	22.53	22.60	23.70	24.14	24.13	24.04	25.00
3GPP Rel 99	RMC 12.2Kbps	22.72	22.79	22.65	23.90	22.67	22.75	22.61	23.70	24.20	24.23	24.16	25.00
3GPP Rel 6	HSDPA Subtest-1	21.63	21.73	21.52	22.90	21.66	21.57	21.56	22.70	23.21	23.18	23.11	24.00
3GPP Rel 6	HSDPA Subtest-2	21.63	21.75	21.67	22.90	21.76	21.75	21.76	22.70	23.30	23.40	23.41	24.00
3GPP Rel 6	HSDPA Subtest-3	21.24	21.23	21.11	22.40	21.22	21.13	21.10	22.20	22.24	22.17	22.28	23.50
3GPP Rel 6	HSDPA Subtest-4	21.19	21.21	21.02	22.40	21.00	21.13	21.12	22.20	22.31	22.21	22.28	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.71	21.76	21.58	22.90	21.66	21.67	21.72	22.70	22.71	22.73	22.60	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.68	21.79	21.75	22.90	21.68	21.80	21.74	22.70	22.68	22.59	22.72	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.03	21.15	21.10	22.40	21.04	21.01	21.04	22.20	21.76	21.73	21.85	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.22	21.17	21.10	22.40	21.18	21.18	21.30	22.20	21.75	21.72	21.76	23.50
3GPP Rel 6	HSUPA Subtest-1	21.62	21.68	21.67	22.90	21.48	21.47	21.49	22.70	22.38	22.45	22.48	24.00
3GPP Rel 6	HSUPA Subtest-2	19.68	19.74	19.74	20.90	19.62	19.66	19.52	20.70	20.74	20.78	20.66	22.00
3GPP Rel 6	HSUPA Subtest-3	20.70	20.69	20.65	21.90	20.68	20.48	20.58	21.70	21.69	21.73	21.79	23.00
3GPP Rel 6	HSUPA Subtest-4	19.63	19.78	19.60	20.90	19.64	19.67	19.62	20.70	20.78	20.73	20.90	22.00
3GPP Rel 6	HSUPA Subtest-5	21.47	21.67	21.49	22.90	21.53	21.46	21.48	22.70	22.67	22.63	22.77	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.23	21.38	21.29		
20	QPSK	1	49	21.30	21.29	21.11	22.5	0
20	QPSK	1	99	20.92	21.36	21.31		
20	QPSK	50	0	21.18	21.33	21.25		
20	QPSK	50	24	21.10	21.24	21.10	22.5	0
20	QPSK	50	50	21.28	21.18	21.20		
20	QPSK	100	0	21.14	21.27	21.22		
20	16QAM	1	0	21.21	21.23	21.29		
20	16QAM	1	49	21.15	21.21	21.19	22.5	0
20	16QAM	1	99	21.26	21.20	21.20		
20	16QAM	50	0	20.50	20.56	20.48		
20	16QAM	50	24	20.38	20.49	20.28	21.5	1
20	16QAM	50	50	20.37	20.57	20.46		
20	16QAM	100	0	20.43	20.50	20.31		
20	64QAM	1	0	20.58	20.68	20.59		
20	64QAM	1	49	20.39	20.46	20.28	21.5	1
20	64QAM	1	99	20.19	20.40	20.41		
20	64QAM	50	0	19.58	19.59	19.59		
20	64QAM	50	24	19.45	19.52	19.30	20.5	2
20	64QAM	50	50	19.38	19.38	19.36		
20	64QAM	100	0	19.35	19.51	19.40		
20	256QAM	1	0	17.44	17.64	17.63		
20	256QAM	1	49	17.34	17.46	17.31	18.5	4
20	256QAM	1	99	17.51	17.63	17.60		
20	256QAM	50	0	17.44	17.59	17.38		
20	256QAM	50	24	17.41	17.47	17.41	18.5	4
20	256QAM	50	50	17.52	17.64	17.51		
20	256QAM	100	0	17.45	17.52	17.43		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.08	21.18	21.30		
15	QPSK	1	37	21.09	21.29	21.06	22.5	0
15	QPSK	1	74	21.15	21.27	21.26		
15	QPSK	36	0	21.19	21.26	21.06		
15	QPSK	36	20	21.19	21.26	21.09	22.5	0
15	QPSK	36	39	21.13	21.04	21.05		
15	QPSK	75	0	21.08	21.09	21.06		
15	16QAM	1	0	21.20	21.09	21.14		
15	16QAM	1	37	21.07	21.13	21.05	22.5	0
15	16QAM	1	74	21.08	21.10	21.16		
15	16QAM	36	0	20.39	20.54	20.45		
15	16QAM	36	20	20.18	20.39	20.27	21.5	1
15	16QAM	36	39	20.23	20.46	20.43		
15	16QAM	75	0	20.34	20.32	20.09		
15	64QAM	1	0	20.47	20.62	20.39		
15	64QAM	1	37	20.24	20.27	20.29	21.5	1
15	64QAM	1	74	20.19	20.34	20.33		
15	64QAM	36	0	19.59	19.53	19.50		
15	64QAM	36	20	19.30	19.38	19.16	20.5	2
15	64QAM	36	39	19.21	19.27	19.35		
15	64QAM	75	0	19.37	19.38	19.29		
15	256QAM	1	0	17.31	17.55	17.60		
15	256QAM	1	37	17.29	17.46	17.14	18.5	4
15	256QAM	1	74	17.40	17.49	17.56		
15	256QAM	36	0	17.43	17.55	17.16		
15	256QAM	36	20	17.36	17.33	17.36	18.5	4
15	256QAM	36	39	17.47	17.56	17.51		
15	256QAM	75	0	17.37	17.39	17.37		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.12	21.23	21.22		
10	QPSK	1	25	21.09	21.18	21.18	22.5	0
10	QPSK	1	49	21.14	21.30	21.30		
10	QPSK	25	0	21.09	21.21	21.17		
10	QPSK	25	12	21.16	21.07	21.10	22.5	0
10	QPSK	25	25	21.26	21.08	21.01		
10	QPSK	50	0	21.07	21.18	21.21		
10	16QAM	1	0	21.16	21.12	21.28		
10	16QAM	1	25	21.21	21.10	21.07	22.5	0
10	16QAM	1	49	21.05	21.05	21.06		
10	16QAM	25	0	20.37	20.52	20.42		
10	16QAM	25	12	20.22	20.43	20.14	21.5	1
10	16QAM	25	25	20.27	20.42	20.38		
10	16QAM	50	0	20.32	20.41	20.14		
10	64QAM	1	0	20.46	20.14	20.51		
10	64QAM	1	25	20.22	20.38	20.21	21.5	1
10	64QAM	1	49	20.01	20.23	20.38		
10	64QAM	25	0	19.43	19.51	19.44		
10	64QAM	25	12	19.43	19.53	19.26	20.5	2
10	64QAM	25	25	19.26	19.28	19.16		
10	64QAM	50	0	19.25	19.33	19.25		
10	256QAM	1	0	17.25	17.46	17.41		
10	256QAM	1	25	17.29	17.36	17.26	18.5	4
10	256QAM	1	49	17.52	17.41	17.62		
10	256QAM	25	0	17.45	17.54	17.39		
10	256QAM	25	12	17.21	17.31	17.37	18.5	4
10	256QAM	25	25	17.42	17.51	17.31		
10	256QAM	50	0	17.46	17.36	17.24		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.23	21.16	21.23		
5	QPSK	1	12	21.14	21.20	21.08	22.5	0
5	QPSK	1	24	21.28	21.36	21.25		
5	QPSK	12	0	21.15	21.25	21.15		
5	QPSK	12	7	21.03	21.04	21.22	22.5	0
5	QPSK	12	13	21.13	21.08	21.09		
5	QPSK	25	0	21.01	21.09	21.13		
5	16QAM	1	0	21.09	21.15	21.30		
5	16QAM	1	12	21.01	21.22	21.05	22.5	0
5	16QAM	1	24	21.22	21.06	21.13		
5	16QAM	12	0	20.29	20.55	20.38		
5	16QAM	12	7	20.18	20.42	20.21	21.5	1
5	16QAM	12	13	20.35	20.35	20.27		
5	16QAM	25	0	20.26	20.45	20.22		
5	64QAM	1	0	20.50	20.59	20.53		
5	64QAM	1	12	20.31	20.37	20.24	21.5	1
5	64QAM	1	24	20.09	20.31	20.33		
5	64QAM	12	0	19.40	19.51	19.58		
5	64QAM	12	7	19.36	19.34	19.13	20.5	2
5	64QAM	12	13	19.36	19.35	19.31		
5	64QAM	25	0	19.35	19.48	19.29		
5	256QAM	1	0	17.34	17.46	17.57		
5	256QAM	1	12	17.17	17.29	17.11	18.5	4
5	256QAM	1	24	17.32	17.49	17.52		
5	256QAM	12	0	17.25	17.47	17.17		
5	256QAM	12	7	17.42	17.36	17.40	18.5	4
5	256QAM	12	13	17.42	17.57	17.52		
5	256QAM	25	0	17.33	17.50	17.39		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.11	21.29	21.30		
3	QPSK	1	8	21.17	21.08	21.24	22.5	0
3	QPSK	1	14	21.28	21.15	21.26		
3	QPSK	8	0	21.22	21.26	21.14		
3	QPSK	8	4	21.22	21.17	21.13	22.5	0
3	QPSK	8	7	21.12	21.02	21.03		
3	QPSK	15	0	21.08	21.21	21.21		
3	16QAM	1	0	21.03	21.11	21.19		
3	16QAM	1	8	21.04	21.10	21.21	22.5	0
3	16QAM	1	14	21.24	21.15	21.21		
3	16QAM	8	0	20.46	20.46	20.50		
3	16QAM	8	4	20.20	20.32	20.16	21.5	1
3	16QAM	8	7	20.33	20.42	20.36		
3	16QAM	15	0	20.39	20.40	20.23		
3	64QAM	1	0	20.47	20.55	20.49		
3	64QAM	1	8	20.29	20.38	20.23	21.5	1
3	64QAM	1	14	20.12	20.23	20.33		
3	64QAM	8	0	19.44	19.46	19.38		
3	64QAM	8	4	19.41	19.35	19.14	20.5	2
3	64QAM	8	7	19.20	19.36	19.31		
3	64QAM	15	0	19.33	19.40	19.23		
3	256QAM	1	0	17.36	17.54	17.59		
3	256QAM	1	8	17.13	17.30	17.10	18.5	4
3	256QAM	1	14	17.46	17.56	17.50		
3	256QAM	8	0	17.41	17.46	17.26		
3	256QAM	8	4	17.29	17.33	17.35	18.5	4
3	256QAM	8	7	17.34	17.44	17.30		
3	256QAM	15	0	17.32	17.34	17.43		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.22	21.34	21.13		
1.4	QPSK	1	3	21.19	21.07	21.02		
1.4	QPSK	1	5	21.22	21.32	21.10	22.5	0
1.4	QPSK	3	0	21.18	21.23	21.05		
1.4	QPSK	3	1	21.03	21.14	21.09		
1.4	QPSK	3	3	21.23	21.08	21.16		
1.4	QPSK	6	0	21.09	21.25	21.11	22.5	0
1.4	16QAM	1	0	21.12	21.11	21.20		
1.4	16QAM	1	3	21.03	21.05	21.04		
1.4	16QAM	1	5	21.19	21.14	21.00	22.5	0
1.4	16QAM	3	0	21.17	21.19	21.08		
1.4	16QAM	3	1	21.09	21.05	21.16		
1.4	16QAM	3	3	21.25	21.03	21.14		
1.4	16QAM	6	0	20.37	20.42	20.14	21.5	1
1.4	64QAM	1	0	20.41	20.39	20.45		
1.4	64QAM	1	3	20.40	20.14	20.36		
1.4	64QAM	1	5	20.09	20.28	20.24	21.5	1
1.4	64QAM	3	0	20.54	20.55	20.28		
1.4	64QAM	3	1	20.32	20.11	20.31		
1.4	64QAM	3	3	20.08	20.32	20.19		
1.4	64QAM	6	0	19.32	19.41	19.21	20.5	2
1.4	256QAM	1	0	17.36	17.53	17.49		
1.4	256QAM	1	3	17.13	17.41	17.33		
1.4	256QAM	1	5	17.34	17.61	17.40	18.5	4
1.4	256QAM	3	0	17.45	17.48	17.38		
1.4	256QAM	3	1	17.19	17.31	17.34		
1.4	256QAM	3	3	17.37	17.44	17.48		
1.4	256QAM	6	0	17.44	17.48	17.38	18.5	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.16	20.18	20.14		
20	QPSK	1	49	20.05	20.05	19.99	21.7	0
20	QPSK	1	99	20.12	20.16	20.05		
20	QPSK	50	0	20.10	20.13	20.08		
20	QPSK	50	24	19.96	20.10	19.99	21.7	0
20	QPSK	50	50	20.05	20.02	19.97		
20	QPSK	100	0	20.05	20.08	20.03		
20	16QAM	1	0	20.03	20.07	20.04		
20	16QAM	1	49	20.16	20.10	20.15	21.7	0
20	16QAM	1	99	19.98	20.07	20.02		
20	16QAM	50	0	20.02	20.16	20.11		
20	16QAM	50	24	19.95	19.97	19.93	21.7	0
20	16QAM	50	50	20.13	20.14	20.10		
20	16QAM	100	0	20.13	20.15	20.13		
20	64QAM	1	0	20.04	19.97	20.00		
20	64QAM	1	49	20.06	20.06	19.98	21.7	0
20	64QAM	1	99	20.14	19.98	20.00		
20	64QAM	50	0	19.51	19.25	19.48		
20	64QAM	50	24	19.25	19.24	19.21	20.7	1
20	64QAM	50	50	19.15	19.30	19.19		
20	64QAM	100	0	19.43	19.13	19.10		
20	256QAM	1	0	17.43	17.47	17.30		
20	256QAM	1	49	17.35	17.31	17.41	18.7	3
20	256QAM	1	99	17.35	17.29	17.47		
20	256QAM	50	0	17.19	17.46	17.31		
20	256QAM	50	24	17.20	17.33	17.32	18.7	3
20	256QAM	50	50	17.41	17.23	17.29		
20	256QAM	100	0	17.25	17.37	17.39		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.15	20.16	20.06		
15	QPSK	1	37	19.87	19.95	19.81	21.7	0
15	QPSK	1	74	20.01	20.12	19.85		
15	QPSK	36	0	19.91	20.00	20.08		
15	QPSK	36	20	19.88	20.08	20.00	21.7	0
15	QPSK	36	39	19.86	19.81	19.92		
15	QPSK	75	0	19.97	20.00	19.93		
15	16QAM	1	0	20.00	19.98	20.02		
15	16QAM	1	37	20.04	20.09	20.08	21.7	0
15	16QAM	1	74	19.87	19.85	19.92		
15	16QAM	36	0	20.02	20.09	20.12		
15	16QAM	36	20	19.80	19.93	19.84	21.7	0
15	16QAM	36	39	20.06	20.07	19.89		
15	16QAM	75	0	19.92	20.04	20.11		
15	64QAM	1	0	19.86	19.96	19.87		
15	64QAM	1	37	20.05	20.00	19.81	21.7	0
15	64QAM	1	74	19.93	19.95	19.84		
15	64QAM	36	0	19.39	19.06	19.39		
15	64QAM	36	20	19.06	19.26	19.09	20.7	1
15	64QAM	36	39	19.03	19.27	19.05		
15	64QAM	75	0	19.29	19.06	18.97		
15	256QAM	1	0	17.27	17.43	17.24		
15	256QAM	1	37	17.24	17.28	17.29	18.7	3
15	256QAM	1	74	17.34	17.08	17.31		
15	256QAM	36	0	16.99	17.34	17.28		
15	256QAM	36	20	17.09	17.15	17.19	18.7	3
15	256QAM	36	39	17.40	17.03	17.21		
15	256QAM	75	0	17.24	17.17	17.25		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.00	20.17	20.07		
10	QPSK	1	25	19.84	20.00	19.98	21.7	0
10	QPSK	1	49	20.11	20.12	20.04		
10	QPSK	25	0	19.94	19.98	19.97		
10	QPSK	25	12	19.93	20.03	19.78	21.7	0
10	QPSK	25	25	19.89	19.87	19.86		
10	QPSK	50	0	19.87	20.05	20.04		
10	16QAM	1	0	20.04	19.90	19.98		
10	16QAM	1	25	20.00	20.11	20.12	21.7	0
10	16QAM	1	49	19.77	19.85	19.82		
10	16QAM	25	0	20.03	20.11	20.12		
10	16QAM	25	12	19.85	19.80	19.83	21.7	0
10	16QAM	25	25	20.02	20.07	19.93		
10	16QAM	50	0	19.92	20.14	20.02		
10	64QAM	1	0	20.00	19.85	20.00		
10	64QAM	1	25	20.06	19.91	19.80	21.7	0
10	64QAM	1	49	20.08	19.88	19.90		
10	64QAM	25	0	19.42	19.24	19.36		
10	64QAM	25	12	19.04	19.16	19.04	20.7	1
10	64QAM	25	25	18.99	19.13	19.09		
10	64QAM	50	0	19.34	19.14	18.95		
10	256QAM	1	0	17.39	17.44	17.16		
10	256QAM	1	25	17.18	17.23	17.39	18.7	3
10	256QAM	1	49	17.27	17.09	17.35		
10	256QAM	25	0	17.00	17.36	17.19		
10	256QAM	25	12	17.07	17.21	17.27	18.7	3
10	256QAM	25	25	17.38	17.16	17.19		
10	256QAM	50	0	17.04	17.31	17.33		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.17	20.12	19.94		
5	QPSK	1	12	19.95	19.88	19.92	21.7	0
5	QPSK	1	24	19.91	20.10	19.94		
5	QPSK	12	0	20.07	20.04	19.94		
5	QPSK	12	7	19.96	19.97	20.00	21.7	0
5	QPSK	12	13	19.90	19.99	19.80		
5	QPSK	25	0	19.99	19.89	19.94		
5	16QAM	1	0	19.98	19.95	19.87		
5	16QAM	1	12	19.97	20.02	20.08	21.7	0
5	16QAM	1	24	19.91	20.09	19.90		
5	16QAM	12	0	20.01	20.10	19.93		
5	16QAM	12	7	19.78	19.84	19.81	21.7	0
5	16QAM	12	13	20.11	19.97	19.96		
5	16QAM	25	0	19.92	20.02	20.08		
5	64QAM	1	0	19.86	19.90	19.95		
5	64QAM	1	12	19.98	19.93	19.81	21.7	0
5	64QAM	1	24	19.99	19.94	19.96		
5	64QAM	12	0	19.45	19.23	19.37		
5	64QAM	12	7	19.24	19.34	19.13	20.7	1
5	64QAM	12	13	19.11	19.13	19.11		
5	64QAM	25	0	19.30	19.00	19.10		
5	256QAM	1	0	17.22	17.39	17.18		
5	256QAM	1	12	17.21	17.24	17.40	18.7	3
5	256QAM	1	24	17.25	17.15	17.38		
5	256QAM	12	0	17.07	17.26	17.29		
5	256QAM	12	7	17.11	17.21	17.28	18.7	3
5	256QAM	12	13	17.25	17.24	17.09		
5	256QAM	25	0	17.10	17.22	17.30		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.12	20.05	20.11		
3	QPSK	1	8	19.97	19.91	19.82	21.7	0
3	QPSK	1	14	20.09	20.02	19.93		
3	QPSK	8	0	20.08	20.07	19.98		
3	QPSK	8	4	19.78	20.11	19.91	21.7	0
3	QPSK	8	7	19.86	19.96	19.87		
3	QPSK	15	0	19.89	20.06	19.89		
3	16QAM	1	0	20.01	19.98	20.00		
3	16QAM	1	8	19.97	19.96	20.03	21.7	0
3	16QAM	1	14	19.81	19.95	20.03		
3	16QAM	8	0	19.85	20.06	19.92		
3	16QAM	8	4	19.78	19.76	19.74	21.7	0
3	16QAM	8	7	20.02	20.08	19.90		
3	16QAM	15	0	20.00	20.00	20.05		
3	64QAM	1	0	19.90	19.88	19.84		
3	64QAM	1	8	19.94	19.85	19.99	21.7	0
3	64QAM	1	14	20.12	19.99	19.88		
3	64QAM	8	0	19.52	19.20	19.36		
3	64QAM	8	4	19.03	19.16	19.21	20.7	1
3	64QAM	8	7	19.09	19.16	19.10		
3	64QAM	15	0	19.34	19.11	18.94		
3	256QAM	1	0	17.36	17.35	17.29		
3	256QAM	1	8	17.14	17.13	17.20	18.7	3
3	256QAM	1	14	17.30	17.10	17.40		
3	256QAM	8	0	17.04	17.40	17.20		
3	256QAM	8	4	17.07	17.34	17.20	18.7	3
3	256QAM	8	7	17.20	17.09	17.18		
3	256QAM	15	0	17.11	17.33	17.31		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.11	19.99	19.97		
1.4	QPSK	1	3	19.84	19.93	19.82		
1.4	QPSK	1	5	20.03	19.99	19.90	21.7	0
1.4	QPSK	3	0	20.05	19.95	20.07		
1.4	QPSK	3	1	19.76	20.04	19.83		
1.4	QPSK	3	3	20.07	19.92	19.91		
1.4	QPSK	6	0	20.01	20.08	19.83	21.7	0
1.4	16QAM	1	0	19.93	19.93	19.85		
1.4	16QAM	1	3	20.00	19.95	20.00		
1.4	16QAM	1	5	19.79	19.86	19.83	21.7	0
1.4	16QAM	3	0	19.94	20.13	19.94		
1.4	16QAM	3	1	19.87	19.93	19.81		
1.4	16QAM	3	3	20.03	20.02	20.10		
1.4	16QAM	6	0	19.93	19.98	20.02	21.7	0
1.4	64QAM	1	0	19.91	19.83	19.96		
1.4	64QAM	1	3	19.90	19.93	19.78		
1.4	64QAM	1	5	20.05	19.91	19.97	21.7	0
1.4	64QAM	3	0	20.11	20.10	20.00		
1.4	64QAM	3	1	20.01	20.00	20.09		
1.4	64QAM	3	3	19.93	20.02	19.99		
1.4	64QAM	6	0	19.40	19.05	19.12	20.7	1
1.4	256QAM	1	0	17.41	17.36	17.16		
1.4	256QAM	1	3	17.33	17.19	17.20		
1.4	256QAM	1	5	17.35	17.13	17.38	18.7	3
1.4	256QAM	3	0	17.16	17.36	17.19		
1.4	256QAM	3	1	17.14	17.26	17.33		
1.4	256QAM	3	3	17.31	17.05	17.17		
1.4	256QAM	6	0	17.06	17.27	17.40	18.7	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.45	22.47	22.39		
10	QPSK	1	25	22.30	22.38	22.33	23.6	0
10	QPSK	1	49	22.29	22.45	22.37		
10	QPSK	25	0	22.32	22.39	22.37		
10	QPSK	25	12	22.30	22.24	22.15	23.6	0
10	QPSK	25	25	22.37	22.28	22.33		
10	QPSK	50	0	22.22	22.26	22.31		
10	16QAM	1	0	22.21	22.31	22.20		
10	16QAM	1	25	22.33	22.28	22.44	23.6	0
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	22.35	22.37	22.10	23.6	0
10	QPSK	1	25	22.17	22.21	22.19		
10	QPSK	6	49	22.06	22.32	22.14		
10	QPSK	25	0	22.06	22.26	22.11		
10	QPSK	25	12	22.16	22.18	22.15	23.6	0
10	QPSK	25	25	22.11	22.03	22.16		
10	QPSK	50	0	22.02	22.17	22.06		
10	16QAM	1	0	22.07	22.12	22.05		
10	16QAM	1	25	22.05	22.22	22.24	23.6	0
10	16QAM	1	49	22.15	22.07	22.05		
10	16QAM	25	0	21.42	21.32	21.42		
10	16QAM	25	12	21.46	21.33	21.10	22.6	1
10	16QAM	25	25	21.27	21.57	21.18		
10	16QAM	50	0	21.43	21.58	21.28		
10	64QAM	1	0	21.45	21.18	21.34		
10	64QAM	1	25	21.46	21.17	21.12	22.6	1
10	64QAM	1	49	21.09	21.42	21.39		
10	64QAM	25	0	20.54	20.30	20.51		
10	64QAM	25	12	20.20	20.46	20.23	21.6	2
10	64QAM	25	25	20.32	20.29	20.20		
10	64QAM	50	0	20.28	20.39	20.41		
10	256QAM	1	0	18.45	18.47	18.03		
10	256QAM	1	25	18.21	18.11	18.18	19.6	4
10	256QAM	1	49	18.32	18.10	18.32		
10	256QAM	25	0	18.32	18.53	18.20		
10	256QAM	25	12	18.44	18.18	18.20	19.6	4
10	256QAM	25	25	18.33	18.20	18.42		
10	256QAM	50	0	18.12	18.41	18.37		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.18	22.25	22.17	23.6	0
5	QPSK	1	12	22.18	22.24	22.26		
5	QPSK	1	24	22.05	22.28	22.23		
5	QPSK	12	0	22.00	22.29	22.19		
5	QPSK	12	7	22.21	22.04	22.28	23.6	0
5	QPSK	12	13	22.13	22.09	22.26		
5	QPSK	25	0	22.03	22.12	22.21		
5	16QAM	1	0	22.06	22.18	22.02		
5	16QAM	1	12	22.00	22.21	22.36	23.6	0
5	16QAM	1	24	22.10	22.05	22.20		
5	16QAM	12	0	21.39	21.36	21.40		
5	16QAM	12	7	21.44	21.41	21.27	22.6	1
5	16QAM	12	13	21.19	21.64	21.33		
5	16QAM	25	0	21.54	21.54	21.33		
5	64QAM	1	0	21.42	21.27	21.43		
5	64QAM	1	12	21.36	21.27	21.29	22.6	1
5	64QAM	1	24	21.11	21.33	21.43		
5	64QAM	12	0	20.40	20.39	20.45		
5	64QAM	12	7	20.29	20.47	20.27	21.6	2
5	64QAM	12	13	20.19	20.28	20.13		
5	64QAM	25	0	20.40	20.26	20.22		
5	256QAM	1	0	18.55	18.36	18.55		
5	256QAM	1	12	18.14	18.33	18.15	19.6	4
5	256QAM	1	24	18.55	18.16	18.38		
5	256QAM	12	0	18.45	18.51	18.30		
5	256QAM	12	7	18.34	18.20	18.29	19.6	4
5	256QAM	12	13	18.24	18.30	18.43		
5	256QAM	25	0	18.15	18.24	18.38		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.35	22.29	22.20	23.6	0
3	QPSK	1	8	22.18	22.33	22.17		
3	QPSK	1	14	22.09	22.20	22.18		
3	QPSK	8	0	22.00	22.10	22.27		
3	QPSK	8	4	22.17	22.18	22.13	23.6	0
3	QPSK	8	7	22.06	22.07	22.01		
3	QPSK	15	0	22.19	22.10	22.13		
3	16QAM	1	0	22.01	22.16	22.06		
3	16QAM	1	8	22.01	22.09	22.33	23.6	0
3	16QAM	1	14	22.16	22.00	22.05		
3	16QAM	8	0	21.49	21.41	21.39		
3	16QAM	8	4	21.38	21.51	21.16	22.6	1
3	16QAM	8	7	21.18	21.51	21.33		
3	16QAM	15	0	21.55	21.40	21.41		
3	64QAM	1	0	21.36	21.22	21.49		
3	64QAM	1	8	21.48	21.25	21.15	22.6	1
3	64QAM	1	14	21.21	21.33	21.37		
3	64QAM	8	0	20.53	20.37	20.49		
3	64QAM	8	4	20.15	20.31	20.25	21.6	2
3	64QAM	8	7	20.23	20.18	20.22		
3	64QAM	15	0	20.37	20.24	20.35		
3	256QAM	1	0	18.52	18.43	18.15		
3	256QAM	1	8	18.23	18.28	18.17	19.6	4
3	256QAM	1	14	18.51	18.10	18.43		
3	256QAM	8	0	18.50	18.34	18.16		
3	256QAM	8	4	18.34	18.17	18.34	19.6	4
3	256QAM	8	7	18.28	18.09	18.52		
3	256QAM	15	0	18.11	18.32	18.43		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.32	22.47	22.29	23.6	0
1.4	QPSK	1	3	22.32	22.26	22.45		
1.4	QPSK	1	5	22.44	22.31	22.22		
1.4	QPSK	3	0	22.23	22.32	22.07		
1.4	QPSK	3	1	22.24	22.33	22.19		
1.4	QPSK	3	3	22.31	22.13	22.25		
1.4	QPSK	6	0	22.30	22.32	22.15	23.6	0
1.4	16QAM	1	0	22.23	22.18	22.18	23.6	0
1.4	16QAM	1	3	22.17	22.10	22.23		
1.4	16QAM	1	5	22.33	22.19	22.15		
1.4	16QAM	3	0	22.17	22.33	22.29		
1.4	16QAM	3	1	22.11	22.28	22.27		
1.4	16QAM	3	3	22.46	22.14	22.23		
1.4	16QAM	6	0	21.53	21.50	21.26	22.6	1
1.4	64QAM	1	0	21.50	21.39	21.59	22.6	1
1.4	64QAM	1	3	21.42	21.11	21.53		
1.4	64QAM	1	5	21.09	21.42	21.27		
1.4	64QAM	3	0	21.38	21.48	21.45		
1.4	64QAM	3	1	21.25	21.20	21.38		
1.4	64QAM	3	3	21.30	21.32	21.15		
1.4	64QAM	6	0	20.29	20.68	20.27	21.6	2
1.4	256QAM	1	0	18.62	18.43	18.53	19.6	4
1.4	256QAM	1	3	18.40	18.49	18.22		
1.4	256QAM	1	5	18.40	18.57	18.68		
1.4	256QAM	3	0	18.58	18.46	18.36		
1.4	256QAM	3	1	18.12	18.53	18.53		
1.4	256QAM	3	3	18.60	18.54	18.52		
1.4	256QAM	6	0	18.54	18.51	18.30	19.6	4

22.09

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.32		23.7	0
10	QPSK	1	25		22.21			
10	QPSK	1	49		22.25			
10	QPSK	25	0		22.28			
10	QPSK	25	12		22.19		23.7	0
10	QPSK	25	25		22.06			
10	QPSK	50	0		22.11			
10	16QAM	1	0		22.06			
10	16QAM	1	25		22.14		23.7	0
10	16QAM	1	49		22.07			
10	16QAM	25	0		21.28			
10	16QAM	25	12		21.26		22.7	1
10	16QAM	25	25		21.38			
10	16QAM	50	0		21.53			
10	64QAM	1	0		21.16			
10	64QAM	1	25		21.22		22.7	1
10	64QAM	1	49		21.45			
10	64QAM	25	0		20.25			
10	64QAM	25	12		20.49		21.7	2
10	64QAM	25	25		20.22			
10	64QAM	50	0		20.29			
10	256QAM	1	0		18.09			
10	256QAM	1	25		18.03		19.7	4
10	256QAM	1	49		18.09			
10	256QAM	25	0		18.63			
10	256QAM	25	12		18.14		19.7	4
10	256QAM	25	25		18.29			
10	256QAM	50	0		18.35			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.28	22.28	22.01	23.7	0
5	QPSK	1	12	22.08	22.04	22.17		
5	QPSK	1	24	22.17	22.15	22.06		
5	QPSK	12	0	22.05	22.24	22.00		
5	QPSK	12	7	22.00	22.02	22.00	23.7	0
5	QPSK	12	13	22.00	22.05	22.14		
5	QPSK	25	0	22.00	22.09	22.03		
5	16QAM	1	0	22.04	22.03	22.00		
5	16QAM	1	12	22.01	22.19	22.10	23.7	0
5	16QAM	1	24	22.01	22.05	22.09		
5	16QAM	12	0	21.40	21.21	21.22		
5	16QAM	12	7	21.45	21.18	21.02	22.7	1
5	16QAM	12	13	21.24	21.39	21.12		
5	16QAM	25	0	21.42	21.54	21.21		
5	64QAM	1	0	21.30	21.06	21.25		
5	64QAM	1	12	21.32	21.08	21.00	22.7	1
5	64QAM	1	24	21.06	21.34	21.36		
5	64QAM	12	0	20.46	20.13	20.41		
5	64QAM	12	7	20.02	20.40	20.10	21.7	2
5	64QAM	12	13	20.17	20.29	20.17		
5	64QAM	25	0	20.17	20.36	20.36		
5	256QAM	1	0	18.28	18.41	18.25		
5	256QAM	1	12	18.14	18.03	18.11	19.7	4
5	256QAM	1	24	18.25	18.03	18.32		
5	256QAM	12	0	18.22	18.45	18.00		
5	256QAM	12	7	18.30	18.11	18.19	19.7	4
5	256QAM	12	13	18.31	18.20	18.28		
5	256QAM	25	0	18.06	18.35	18.34		

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BW [MHz]	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	22.30	22.32	22.18	23.6	0
10	QPSK	1	25	22.01	22.01	22.03		
10	QPSK	1	49	22.06	22.13	22.02		
10	QPSK	25	0	22.12	22.23	22.03		
10	QPSK	25	12	22.00	22.14	22.15	23.6	0
10	QPSK	25	25	22.07	22.10	22.13		
10	QPSK	50	0	22.05	22.19	22.06		
10	16QAM	1	0	22.23	22.01	22.11		
10	16QAM	1	25	22.19	22.08	22.20	23.6	0
10	16QAM	1	49	22.11	22.15	22.14		
10	16QAM	25	0	21.36	21.26	21.23		
10	16QAM	25	12	21.44	21.30	21.00	22.6	1
10	16QAM	25	25	21.12	21.15	21.15		
10	16QAM	50	0	21.42	21.46	21.17		
10	64QAM	1	0	21.27	21.01	21.32		
10	64QAM	1	25	21.35	21.12	21.01	22.6	1
10	64QAM	1	49	21.08	21.26	21.27		
10	64QAM	25	0	20.51	20.11	20.45		
10	64QAM	25	12	20.03	20.32	20.04	21.6	2
10	64QAM	25	25	20.29	20.18	20.20		
10	64QAM	50	0	20.11	20.36	20.32		
10	256QAM	1	0	18.32	18.07	18.08		
10	256QAM	1	25	18.07	18.28	18.06	19.6	4
10	256QAM	1	49	18.31	18.07	18.20		
10	256QAM	25	0	18.28	18.48	18.06		
10	256QAM	25	12	18.29	18.11	18.08	19.6	4
10	256QAM	25	25	18.28	18.14	18.31		
10	256QAM	50	0	18.06	18.25	18.21		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.21	22.25	22.08	23.6	0
5	QPSK	1	12	22.16	22.14	22.16		
5	QPSK	1	24	22.03	22.27	22.05		
5	QPSK	12	0	22.05	22.21	22.10		
5	QPSK	12	7	22.14	22.17	22.12	23.6	0
5	QPSK	12	13	22.12	22.03	22.14		
5	QPSK	25	0	22.08	22.00	22.03		
5	16QAM	1	0	22.04	22.01	22.04		
5	16QAM	1	12	22.04	22.21	22.07	23.6	0
5	16QAM	1	24	22.06	22.05	22.09		
5	16QAM	12	0	21.36	21.20	21.29		
5	16QAM	12	7	21.42	21.23	21.04	22.6	1
5	16QAM	12	13	21.27	21.04	21.02		
5	16QAM	25	0	21.38	21.03	21.27		
5	64QAM	1	0	21.26	21.06	21.14		
5	64QAM	1	12	21.38	21.03	21.27	22.6	1
5	64QAM	1	24	21.22	21.24	21.35		
5	64QAM	12	0	20.34	20.28	20.44		
5	64QAM	12	7	20.02	20.42	20.20	21.6	2
5	64QAM	12	13	20.24	20.10	20.17		
5	64QAM	25	0	20.24	20.32	20.21		
5	256QAM	1	0	18.30	18.32	18.15		
5	256QAM	1	12	18.04	18.08	18.11	19.6	4
5	256QAM	1	24	18.13	18.09	18.27		
5	256QAM	12	0	18.26	18.50	18.02		
5	256QAM	12	7	18.32	18.02	18.15	19.6	4
5	256QAM	12	13	18.22	18.02	18.27		
5	256QAM	25	0	18.08	18.37	18.36		

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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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.40	21.42	21.25	22.5	0
20	QPSK	1	49	21.19	21.04	21.03		
20	QPSK	1	99	21.17	21.23	21.12		
20	QPSK	50	0	21.02	21.31	21.19		
20	QPSK	50	24	21.08	21.17	21.16	22.5	0
20	QPSK	50	50	21.04	21.01	21.26		
20	QPSK	100	0	21.07	21.16	21.15		
20	16QAM	1	0	21.09	21.12	21.06		
20	16QAM	1	49	21.08	21.28	21.37	22.5	0
20	16QAM	1	99	21.14	21.04	21.05		
20	16QAM	50	0	20.41	20.33	20.38		
20	16QAM	50	24	20.21	20.33	20.00	21.5	1
20	16QAM	50	50	20.18	20.15	20.33		
20	16QAM	100	0	20.56	20.64	20.31		
20	64QAM	1	0	20.37	20.20	20.33		
20	64QAM	1	49	20.40	20.28	20.04	21.5	1
20	64QAM	1	99	20.14	20.34	20.39		
20	64QAM	50	0	19.32	19.13	19.57		
20	64QAM	50	24	19.11	19.42	19.07	20.5	2
20	64QAM	50	50	19.30	19.35	19.21		
20	64QAM	100	0	19.12	19.41	19.33		
20	256QAM	1	0	17.22	17.20	17.25		
20	256QAM	1	49	17.17	17.43	17.19	18.5	4
20	256QAM	1	99	17.23	17.02	17.21		
20	256QAM	50	0	17.31	17.50	17.13		
20	256QAM	50	24	17.35	17.21	17.08	18.5	4
20	256QAM	50	50	17.46	17.18	17.45		
20	256QAM	100	0	17.14	17.35	17.25		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.35	21.37	21.23	22.5	0
15	QPSK	1	37	21.07	21.12	21.10		
15	QPSK	1	74	21.19	21.32	21.07		
15	QPSK	36	0	21.06	21.27	21.17		
15	QPSK	36	20	21.11	21.21	21.24	22.5	0
15	QPSK	36	39	21.07	21.06	21.32		
15	QPSK	75	0	21.00	21.09	21.01		
15	16QAM	1	0	21.03	21.16	21.03		
15	16QAM	1	37	21.11	21.08	21.30	22.5	0
15	16QAM	1	74	21.22	21.05	21.23		
15	16QAM	36	0	20.48	20.32	20.40		
15	16QAM	36	20	20.59	20.47	20.11	21.5	1
15	16QAM	36	39	20.19	20.27	20.23		
15	16QAM	75	0	20.57	20.65	20.32		
15	64QAM	1	0	20.30	20.14	20.32		
15	64QAM	1	37	20.52	20.29	20.19	21.5	1
15	64QAM	1	74	20.10	20.40	20.32		
15	64QAM	36	0	19.69	19.27	19.63		
15	64QAM	36	20	19.49	19.44	19.20	20.5	2
15	64QAM	36	39	19.38	19.33	19.39		
15	64QAM	75	0	19.21	19.53	19.35		
15	256QAM	1	0	17.36	17.21	17.05		
15	256QAM	1	37	17.20	17.03	17.16	18.5	4
15	256QAM	1	74	17.33	17.11	17.24		
15	256QAM	36	0	17.35	17.51	17.24		
15	256QAM	36	20	17.47	17.22	17.19	18.5	4
15	256QAM	36	39	17.34	17.21	17.43		
15	256QAM	75	0	17.19	17.32	17.33		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.33	21.36	21.30	22.5	0
10	QPSK	1	25	21.06	21.03	21.18		
10	QPSK	1	49	21.21	21.14	21.17		
10	QPSK	25	0	21.05	21.27	21.06		
10	QPSK	25	12	21.10	21.16	21.24	22.5	0
10	QPSK	25	25	21.02	21.11	21.30		
10	QPSK	50	0	21.25	21.10	21.15		
10	16QAM	1	0	21.11	21.06	21.05		
10	16QAM	1	25	21.13	21.17	21.24	22.5	0
10	16QAM	1	49	21.06	21.00	21.25		
10	16QAM	25	0	20.51	20.27	20.24		
10	16QAM	25	12	20.45	20.32	20.14	21.5	1
10	16QAM	25	25	20.23	20.22	20.29		
10	16QAM	50	0	20.46	20.66	20.20		
10	64QAM	1	0	20.34	20.09	20.43		
10	64QAM	1	25	20.43	20.25	20.09	21.5	1
10	64QAM	1	49	20.09	20.33	20.33		
10	64QAM	25	0	19.31	19.21	19.50		
10	64QAM	25	12	19.08	19.44	19.19	20.5	2
10	64QAM	25	25	19.47	19.23	19.23		
10	64QAM	50	0	19.17	19.42	19.34		
10	256QAM	1	0	17.24	17.14	17.39		
10	256QAM	1	25	17.23	17.06	17.20	18.5	4
10	256QAM	1	49	17.32	17.12	17.21		
10	256QAM	25	0	17.37	17.49	17.24		
10	256QAM	25	12	17.33	17.13	17.22	18.5	4
10	256QAM	25	25	17.43	17.24	17.39		
10	256QAM	50	0	17.20	17.44	17.36		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.34	21.36	21.31	22.5	0
5	QPSK	1	12	21.05	21.06	21.20		
5	QPSK	1	24	21.21	21.14	21.15		
5	QPSK	12	0	21.03	21.36	21.01	22.5	0
5	QPSK	12	7	21.05	21.29	21.28		
5	QPSK	12	13	21.11	21.13	21.23		
5	QPSK	25	0	21.18	21.17	21.28		
5	16QAM	1	0	21.00	21.14	21.23	22.5	0
5	16QAM	1	12	21.19	21.20	21.23		
5	16QAM	1	24	21.31	21.01	21.19		
5	16QAM	12	0	20.54	20.45	20.42	21.5	1
5	16QAM	12	7	20.46	20.35	20.10		
5	16QAM	12	13	20.28	20.23	20.29		
5	16QAM	25	0	20.56	20.55	20.18		
5	64QAM	1	0	20.38	20.04	20.35	21.5	1
5	64QAM	1	12	20.40	20.16	20.10		
5	64QAM	1	24	20.27	20.28	20.30		
5	64QAM	12	0	19.49	19.29	19.56	20.5	2
5	64QAM	12	7	19.16	19.42	19.08		
5	64QAM	12	13	19.44	19.29	19.36		
5	64QAM	25	0	19.20	19.37	19.50		
5	256QAM	1	0	17.50	17.16	17.02	18.5	4
5	256QAM	1	12	17.16	17.05	17.15		
5	256QAM	1	24	17.34	17.17	17.29		
5	256QAM	12	0	17.43	17.36	17.07	18.5	4
5	256QAM	12	7	17.41	17.23	17.24		
5	256QAM	12	13	17.38	17.26	17.38		
5	256QAM	25	0	17.26	17.38	17.21		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.40	21.40	21.24	22.5	0
3	QPSK	1	8	21.18	21.21	21.15		
3	QPSK	1	14	21.23	21.22	21.10		
3	QPSK	8	0	21.00	21.27	21.25	22.5	0
3	QPSK	8	4	21.13	21.21	21.29		
3	QPSK	8	7	21.25	21.15	21.23		
3	QPSK	15	0	21.15	21.14	21.04		
3	16QAM	1	0	21.15	21.09	21.20	22.5	0
3	16QAM	1	8	21.12	21.12	21.31		
3	16QAM	1	14	21.13	21.16	21.21		
3	16QAM	8	0	20.47	20.37	20.26	21.5	1
3	16QAM	8	4	20.54	20.49	20.15		
3	16QAM	8	7	20.13	20.25	20.20		
3	16QAM	15	0	20.54	20.60	20.24		
3	64QAM	1	0	20.37	20.01	20.37	21.5	1
3	64QAM	1	8	20.46

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.28	22.39	22.16	23.6	0
15	QPSK	1	37	22.26	22.24	22.14		
15	QPSK	1	74	22.11	22.14	22.13		
15	QPSK	36	0	22.12	22.26	22.18	23.6	0
15	QPSK	36	20	22.18	22.17	22.21		
15	QPSK	36	39	22.25	22.19	22.25		
15	QPSK	75	0	22.15	22.18	22.11		
15	16QAM	1	0	22.16	22.27	22.24	23.6	0
15	16QAM	1	37	22.21	22.16	22.19		
15	16QAM	1	74	22.24	22.23	22.34		
15	16QAM	36	0	22.17	22.11	22.16	22.6	1
15	16QAM	36	20	22.33	22.32	22.25		
15	16QAM	36	39	22.31	22.15	22.13		
15	16QAM	75	0	22.23	22.25	22.26		
15	64QAM	1	0	22.26	22.14	22.19	22.6	1
15	64QAM	1	37	22.26	22.22	22.27		
15	64QAM	1	74	22.20	22.23	22.19		
15	64QAM	36	0	20.48	20.01	20.27	21.6	2
15	64QAM	36	20	20.07	20.21	20.02		
15	64QAM	36	39	20.27	20.14	20.20		
15	64QAM	75	0	20.01	20.47	20.41		
15	256QAM	1	0	18.29	18.17	18.24	19.6	4
15	256QAM	1	37	18.12	18.24	18.13		
15	256QAM	1	74	18.24	18.06	18.30		
15	256QAM	36	0	18.29	18.40	18.10	19.6	4
15	256QAM	36	20	18.33	18.17	18.18		
15	256QAM	36	39	18.24	18.05	18.40		
15	256QAM	75	0	18.03	18.33	18.20		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.27	22.23	22.19	23.6	0
10	QPSK	1	25	22.30	22.28	22.19		
10	QPSK	1	49	22.21	22.29	22.12		
10	QPSK	25	0	22.33	22.34	22.17	23.6	0
10	QPSK	25	12	22.19	22.20	22.26		
10	QPSK	25	25	22.21	22.23	22.20		
10	QPSK	50	0	22.35	22.13	22.35		
10	16QAM	1	0	22.19	22.27	22.12	23.6	0
10	16QAM	1	25	22.34	22.11	22.29		
10	16QAM	1	49	22.25	22.11	22.21		
10	16QAM	25	0	22.27	22.14	22.24	22.6	1
10	16QAM	25	12	22.14	22.24	22.35		
10	16QAM	25	25	22.14	22.31	22.22		
10	16QAM	50	0	22.27	22.33	22.30		
10	64QAM	1	0	22.17	22.26	22.28	22.6	1
10	64QAM	1	25	22.25	22.34	22.14		
10	64QAM	1	49	22.29	22.26	22.29		
10	64QAM	25	0	20.54	20.20	20.53	21.6	2
10	64QAM	25	12	20.11	20.21	20.09		
10	64QAM	25	25	20.20	20.24	20.11		
10	64QAM	50	0	20.19	20.45	20.41		
10	256QAM	1	0	18.30	18.07	18.10	19.6	4
10	256QAM	1	25	18.09	18.04	18.05		
10	256QAM	1	49	18.39	18.16	18.18		
10	256QAM	25	0	18.31	18.07	18.05	19.6	4
10	256QAM	25	12	18.27	18.05	18.02		
10	256QAM	25	25	18.39	18.24	18.20		
10	256QAM	50	0	18.03	18.24	18.33		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.20	22.20	22.11	23.6	0
5	QPSK	1	12	22.12	22.29	22.29		
5	QPSK	1	24	22.28	22.19	22.20		
5	QPSK	12	0	22.25	22.34	22.26	23.6	0
5	QPSK	12	7	22.16	22.12	22.30		
5	QPSK	12	13	22.31	22.26	22.31		
5	QPSK	25	0	22.15	22.21	22.31		
5	16QAM	1	0	22.25	22.29	22.24	23.6	0
5	16QAM	1	12	22.32	22.11	22.22		
5	16QAM	1	24	22.33	22.14	22.28		
5	16QAM	12	0	22.13	22.17	22.21	22.6	1
5	16QAM	12	7	22.24	22.21	22.17		
5	16QAM	12	13	22.30	22.18	22.29		
5	16QAM	25	0	22.14	22.12	22.19		
5	64QAM	1	0	22.17	22.13	22.25	22.6	1
5	64QAM	1	12	22.16	22.29	22.30		
5	64QAM	1	24	22.15	22.34	22.25		
5	64QAM	12	0	20.28	20.17	20.28	21.6	2
5	64QAM	12	7	20.01	20.41	20.01		
5	64QAM	12	13	20.28	20.24	20.15		
5	64QAM	25	0	20.16	20.37	20.30		
5	256QAM	1	0	18.23	18.08	18.06	19.6	4
5	256QAM	1	12	18.07	18.06	18.17		
5	256QAM	1	24	18.26	18.07	18.18		
5	256QAM	12	0	18.36	18.38	18.13	19.6	4
5	256QAM	12	7	18.27	18.14	18.13		
5	256QAM	12	13	18.16	18.07	18.32		
5	256QAM	25	0	18.10	18.17	18.13		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				811.5	831.5	847.5		
3	QPSK	1	0	22.27	22.26	22.24	23.6	0
3	QPSK	1	8	22.25	22.22	22.30		
3	QPSK	1	14	22.35	22.18	22.26		
3	QPSK	8	0	22.12	22.30	22.26	23.6	0
3	QPSK	8	4	22.14	22.18	22.26		
3	QPSK	8	7	22.20	22.14	22.16		
3	QPSK	15	0	22.19	22.13	22.31		
3	16QAM	1	0	22.20	22.28	22.27	23.6	0
3	16QAM	1	8	22.16	22.18	22.11		
3	16QAM	1	14	22.22	22.29	22.12		
3	16QAM	8	0	22.18	22.17	22.30	22.6	1
3	16QAM	8	4	22.32	22.28	22.13		
3	16QAM	8	7	22.15	22.29	22.28		
3	16QAM	15	0	22.12	22.22	22.13		
3	64QAM	1	0	22.12	22.30	22.24	22.6	1
3	64QAM	1	8	22.28	22.31	22.22		
3	64QAM	1	14	22.32	22.11	22.29		
3	64QAM	8	0	20.18	20.12	20.36	21.6	2
3	64QAM	8	4	20.16	20.02	20.16		
3	64QAM	8	7	20.21	20.10	20.24		
3	64QAM	15	0	20.10	20.30	20.24		
3	256QAM	1	0	18.44	18.02	18.15	19.6	4
3	256QAM	1	8	18.18	18.05	18.17		
3	256QAM	1	14	18.21	18.06	18.26		
3	256QAM	8	0	18.10	18.10	18.16	19.6	4
3	256QAM	8	4	18.39	18.01	18.03		
3	256QAM	8	7	18.21	18.03	18.34		
3	256QAM	15	0	18.04	18.37	18.18		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.28	22.26	23.6	0
1.4	QPSK	1	3	22.01	22.06	22.25		
1.4	QPSK	1	5	22.16	22.00	22.01		
1.4	QPSK	3	0	22.07	22.23	22.11		
1.4	QPSK	3	1	22.07	22.05	22.13		
1.4	QPSK	3	3	22.17	22.25	22.06		
1.4	QPSK	6	0	22.01	22.17	22.06	23.6	0
1.4	16QAM	1	0	22.04	22.21	22.07	23.6	0
1.4	16QAM	1	3	22.00	22.08	22.19		
1.4	16QAM	1	5	22.20	22.28	22.04		
1.4	16QAM	3	0	22.05	22.10	22.13		
1.4	16QAM	3	1	22.01	22.07	22.27		
1.4	16QAM	3	3	22.09	22.07	22.25		
1.4	16QAM	6	0	21.29	21.31	21.03	22.6	1
1.4	64QAM	1	0	21.09	21.20	21.17	22.6	1
1.4	64QAM	1	3	21.30	21.28	21.31		
1.4	64QAM	1	5	21.06	21.11	21.23		
1.4	64QAM	3	0	21.43	21.07	21.06		
1.4	64QAM	3	1	21.00	21.05	21.00		
1.4	64QAM	3	3	21.30	21.24	21.17		
1.4	64QAM	6	0	20.31	20.25	20.31	21.6	2
1.4	256QAM	1	0	18.30	18.03	18.17	19.6	4
1.4	256QAM	1	3	18.01	18.27	18.17		
1.4	256QAM	1	5	18.25	18.16	18.00		
1.4	256QAM	3	0	18.11	18.31	18.01		
1.4	256QAM	3	1	18.08	18.22	18.23		
1.4	256QAM	3	3	18.02	18.13	18.27		
1.4	256QAM	6	0	18.06	18.24	18.16	19.6	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.24	20.28	20.15	21.7	0
20	QPSK	1	49	20.15	20.06	19.98		
20	QPSK	1	99	20.18	20.18	20.14		
20	QPSK	50	0	20.11	20.25	19.97	21.7	0
20	QPSK	50	24	20.21	20.10	20.04		
20	QPSK	50	50	20.08	20.13	20.14		
20	QPSK	100	0	20.22	20.23	20.07		
20	16QAM	1	0	20.12	20.12	20.08	21.7	0
20	16QAM	1	49	20.03	20.24	20.01		
20	16QAM	1	99	20.07	20.26	20.01		
20	16QAM	50	0	20.12	20.13	20.06	21.7	0
20	16QAM	50	24	20.11	20.19	20.06		
20	16QAM	50	50	20.11	20.24	20.03		
20	16QAM	100	0	20.05	20.08	20.00		
20	64QAM	1	0	20.16	20.17	19.97	21.7	0
20	64QAM	1	49	20.18	20.10	20.01		
20	64QAM	1	99	20.26	20.26	20.08		
20	64QAM	50	0	19.33	19.15	19.28	20.7	1
20	64QAM	50	24	19.10	19.25	19.00		
20	64QAM	50	50	19.16	19.09	19.22		
20	64QAM	100	0	19.04	19.33	19.26		
20	256QAM	1	0	17.23	17.12	17.18	18.7	3
20	256QAM	1	49	17.12	17.19	16.98		
20	256QAM	1	99	17.10	16.81	17.24		
20	256QAM	50	0	17.20	17.20	17.00	18.7	3
20	256QAM	50	24	17.30	17.23	16.93		
20	256QAM	50	50	17.43	17.14	17.38		
20	256QAM	100	0	17.04	17.15	17.01		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.10	20.27	20.05	21.7	0
15	QPSK	1	37	19.96	20.04	19.78		
15	QPSK	1	74	20.12	20.20	19.95		
15	QPSK	36	0	20.05	20.18	19.94	21.7	0
15	QPSK	36	20	20.21	20.11	19.99		
15	QPSK	36	39	19.90	20.10	19.94		
15	QPSK	75	0	20.02	20.21	20.04		
15	16QAM	1	0	20.10	19.91	19.90	21.7	0
15	16QAM	1	37	20.03	20.05	20.01		
15	16QAM	1	74	20.03	20.10	19.82		
15	16QAM	36	0	20.08	20.04	19.85	21.7	0
15	16QAM	36	20	19.99	20.20	19.92		
15	16QAM	36	39	20.00	20.18	19.92		
15	16QAM	75	0	20.02	20.02	19.96		
15	64QAM	1	0	19.99	20.11	19.89	21.7	0
15	64QAM	1	37	20.15	19.98	19.97		
15	64QAM	1	74	20.24	20.19	19.92		
15	64QAM	36	0	19.16	19.01	19.21	20.7	1
15	64QAM	36	20	18.92	19.20	18.86		
15	64QAM	36	39	19.03	19.07	19.15		
15	64QAM	75	0	18.99	19.19	19.21		
15	256QAM	1	0	17.06	17.01	17.13	18.7	3
15	256QAM	1	37	16.99	17.14	16.92		
15	256QAM	1	74	16.98	16.72	17.12		
15	256QAM	36	0	17.07	17.17	17.00	18.7	3
15	256QAM	36	20	17.17	17.21	16.82		
15	256QAM	36	39	17.27	16.97	17.20		
15	256QAM	75	0	17.05	17.13	16.90		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.17	20.11	20.03	21.7	0
10	QPSK	1	25	19.99	20.05	19.88		
10	QPSK	1	49	20.03	20.00	20.00		
10	QPSK	25	0	19.99	20.20	19.81	21.7	0
10	QPSK	25	12	20.16	20.11	20.00		
10	QPSK	25	25	19.98	20.13	20.15		
10	QPSK	50	0	20.01	20.11	19.98		
10	16QAM	1	0	20.13	19.93	19.88	21.7	0
10	16QAM	1	25	19.86	20.05	19.90		
10	16QAM	1	49	20.07	20.11	19.96		
10	16QAM	25	0	19.91	19.94	19.93	21.7	0
10	16QAM	25	12	20.04	20.19	19.86		
10	16QAM	25	25	20.08	20.17	19.96		
10	16QAM	50	0	19.95	20.06	19.86		
10	64QAM	1	0	19.97	20.09	19.93	21.7	0
10	64QAM	1	25	20.09	20.04	19.88		
10	64QAM	1	49	20.16	20.26	19.91		
10	64QAM	25	0	19.16	19.08	19.19	20.7	1
10	64QAM	25	12	18.99	19.09	18.89		
10	64QAM	25	25	18.96	18.93	19.10		
10	64QAM	50	0	18.84	19.30	19.24		
10	256QAM	1	0	17.21	17.05	16.98	18.7	3
10	256QAM	1	25	17.12	17.16	16.79		
10	256QAM	1	49	16.93	16.74	17.20		
10	256QAM	25	0	17.13	17.16	16.93	18.7	3
10	256QAM	25	12	17.25	17.08	17.21		
10	256QAM	25	25	16.93	17.00	16.99		
10	256QAM	50	0	16.98	17.02	16.95		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.22	20.26	20.11	21.7	0
5	QPSK	1	12	20.09	20.07	19.86		
5	QPSK	1	24	20.20	20.12	19.93		
5	QPSK	12	0	19.95	20.21	19.99	21.7	0
5	QPSK	12	7	20.04	20.00	20.05		
5	QPSK	12	13	19.95	20.07	20.12		
5	QPSK	25	0	20.21	20.01	19.99		
5	16QAM	1	0	20.08	20.03	19.93	21.7	0
5	16QAM	1	12	19.91	20.22	19.82		
5	16QAM	1	24	19.97	20.16	19.88		
5	16QAM	12	0	19.92	19.98	19.85	21.7	0
5	16QAM	12	7	19.99	20.08	19.95		
5	16QAM	12	13	20.02	20.21	19.86		
5	16QAM	25	0	19.98	20.07	19.82		
5	64QAM	1	0	20.06	20.04	19.79	21.7	0
5	64QAM	1	12	20.15	20.09	19.84		
5	64QAM	1	24	20.18	20.26	19.87		
5	64QAM	12	0	19.25	19.16	19.08	20.7	1
5	64QAM	12	7	18.95	19.10	19.00		
5	64QAM	12	13	19.13	18.91	19.08		
5	64QAM	25	0	18.87	19.15	19.23		
5	256QAM	1	0	17.09	17.07	16.86	18.7	3
5	256QAM	1	12	17.29	16.98	17.36		
5	256QAM	1	24	16.87	17.12	17.02		
5	256QAM	12	0	17.21	16.99	16.87	18.7	3
5	256QAM	12	7	17.28	17.21	16.93		
5	256QAM	12	13	17.36	17.01	17.28		
5	256QAM	25	0	16.91	17.00	16.97		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.03	20.16	20.07	21.7	0
3	QPSK	1	8	20.11	20.06	19.90		
3	QPSK	1	14	20.00	20.12	19.98	21.7	0
3	QPSK	8	0	20.07	20.15	19.75		
3	QPSK	8	4	20.14	19.98	19.89		
3	QPSK	8	7	19.91	19.99	20.15		
3	QPSK	15	0	20.06	20.15	20.08	21.7	0
3	16QAM	1	0	19.98	20.02	19.98		
3	16QAM	1	8	19.96	20.12	20.00		
3	16QAM	1	14	20.00	20.23	19.89		
3	16QAM	8	0	20.01	20.10	19.80	21.7	0
3	16QAM	8	4	19.96	20.07	19.96		
3	16QAM	8	7	19.98	20.09	20.00		
3	16QAM	15	0	19.88	20.07	19.85	21.7	0
3	64QAM	1	0	20.00	20.14	19.84		
3	64QAM	1	8	19.98	19.90	19.96		
3	64QAM	1	14	20.19	20.09	20.04		
3	64QAM	8	0	19.23	19.06	19.29	20.7	1
3	64QAM	8	4	19.10	19.04	18.87		
3	64QAM	8	7	19.04	18.94	19.20		
3	64QAM	15	0	19.00	19.24	19.18		
3	256QAM	1	0	17.16	16.95	17.19	18.7	3
3	256QAM	1	8	16.98	17.02	16.80		
3	256QAM	1	14	16.95	16.75	17.17		
3	256QAM	8	0	17.19	17.11	16.94	18.7	3
3	256QAM	8	4	17.18	17.21	16.91		
3	256QAM	8	7	17.32	17.13	17.31		
3	256QAM	15	0	16.98	17.13	16.95		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.11	20.15	20.14	21.7	0
1.4	QPSK	1	3	19.99	19.95	19.88		
1.4	QPSK	1	5	20.11	20.13	20.07		
1.4	QPSK	3	0	20.13	20.20	19.89		
1.4	QPSK	3	1	20.20	19.93	19.94		
1.4	QPSK	3	3	19.88	19.99	19.99		
1.4	QPSK	6	0	20.06	20.14	19.86	21.7	0
1.4	16QAM	1	0	20.04	20.03	19.89	21.7	0
1.4	16QAM	1	3	19.92	20.08	19.94		
1.4	16QAM	1	5	20.05	20.24	19.96		
1.4	16QAM	3	0	20.11	19.92	20.05		
1.4	16QAM	3	1	19.92	20.19	20.07		
1.4	16QAM	3	3	20.04	20.06	19.94		
1.4	16QAM	6	0	19.98	19.98	20.01	21.7	0
1.4	64QAM	1	0	20.09	20.10	19.95	21.7	0
1.4	64QAM	1	3	20.11	19.96	19.91		
1.4	64QAM	1	5	20.21	20.07	20.08		
1.4	64QAM	3	0	20.02	20.08	19.97		
1.4	64QAM	3	1	20.12	20.13	19.87		
1.4	64QAM	3	3	20.15	19.92	19.98		
1.4	64QAM	6	0	18.84	19.26	19.25	20.7	1
1.4	256QAM	1	0	17.08	17.12	17.01	18.7	3
1.4	256QAM	1	3	16.92	17.16	16.90		
1.4	256QAM	1	5	17.01	16.74	17.12		
1.4	256QAM	3	0	17.16	17.17	16.89		
1.4	256QAM	3	1	17.36	17.08	17.21		
1.4	256QAM	3	3	16.99	17.10	16.86		
1.4	256QAM	6	0	16.98	16.94	16.80	18.7	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.37	22.39	22.31	23.5	0
20	QPSK	1	49	22.26	22.19	22.18		
20	QPSK	1	99	22.35	22.19	22.21		
20	QPSK	50	0	22.25	22.35	22.21	23.5	0
20	QPSK	50	24	22.15	22.22	22.16		
20	QPSK	50	50	22.28	22.22	22.32		
20	QPSK	100	0	22.27	22.31	22.28		
20	16QAM	1	0	22.27	22.34	22.15		
20	16QAM	1	49	22.18	22.32	22.26	23.5	0
20	16QAM	1	99	22.25	22.22	22.11		
20	16QAM	50	0	22.16	22.31	22.11		
20	16QAM	50	24	22.31	22.32	22.09	23.5	0
20	16QAM	50	50	22.25	22.28	22.10		
20	16QAM	100	0	22.25	22.25	22.23		
20	64QAM	1	0	22.21	22.22	22.15		
20	64QAM	1	49	22.22	22.21	22.30	23.5	0
20	64QAM	1	99	22.16	22.25	22.26		
20	64QAM	50	0	21.43	21.38	21.48		
20	64QAM	50	24	21.66	21.64	21.24	22.5	1
20	64QAM	50	50	21.48	21.43	21.33		
20	64QAM	100	0	21.68	21.59	21.24		
20	256QAM	1	0	19.36	19.50	19.46		
20	256QAM	1	49	19.53	19.57	19.23	20.5	3
20	256QAM	1	99	19.47	19.51	19.20		
20	256QAM	50	0	19.46	19.54	19.53		
20	256QAM	50	24	19.60	19.71	19.76	20.5	3
20	256QAM	50	50	19.72	19.83	19.70		
20	256QAM	100	0	19.69	19.96	19.73		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.18	22.33	22.12		
15	QPSK	1	37	22.21	22.01	22.12	23.5	0
15	QPSK	1	74	22.36	22.00	22.03		
15	QPSK	36	0	22.24	22.36	22.20		
15	QPSK	36	20	22.14	22.14	22.10	23.5	0
15	QPSK	36	39	22.22	22.16	22.26		
15	QPSK	75	0	22.21	22.28	22.08		
15	16QAM	1	0	22.11	22.27	22.14		
15	16QAM	1	37	22.15	22.29	22.08	23.5	0
15	16QAM	1	74	22.12	22.23	22.10		
15	16QAM	36	0	22.13	22.16	21.95		
15	16QAM	36	20	22.14	22.19	22.00	23.5	0
15	16QAM	36	39	22.17	22.25	21.96		
15	16QAM	75	0	22.04	22.20	22.16		
15	64QAM	1	0	22.22	22.12	22.15		
15	64QAM	1	37	22.18	22.20	22.15	23.5	0
15	64QAM	1	74	22.10	22.05	22.20		
15	64QAM	36	0	21.23	21.20	21.39		
15	64QAM	36	20	21.46	21.54	21.25	22.5	1
15	64QAM	36	39	21.36	21.39	21.16		
15	64QAM	75	0	21.47	21.42	21.05		
15	256QAM	1	0	19.19	19.40	19.44		
15	256QAM	1	37	19.38	19.38	19.08	20.5	3
15	256QAM	1	74	19.43	19.37	18.98		
15	256QAM	36	0	19.39	19.36	19.33		
15	256QAM	36	20	19.45	19.57	19.77	20.5	3
15	256QAM	36	39	19.68	19.71	19.61		
15	256QAM	75	0	19.70	19.83	19.51		
Channel				37300	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.28	22.24	22.19		
10	QPSK	1	25	22.28	22.10	22.14	23.5	0
10	QPSK	1	49	22.31	21.99	22.20		
10	QPSK	25	0	22.11	22.19	22.07		
10	QPSK	25	12	22.10	22.11	22.04	23.5	0
10	QPSK	25	25	22.18	22.05	22.27		
10	QPSK	50	0	22.07	22.14	22.06		
10	16QAM	1	0	22.22	22.17	21.98		
10	16QAM	1	25	22.14	22.16	22.08	23.5	0
10	16QAM	1	49	22.11	22.14	21.98		
10	16QAM	25	0	22.18	22.11	22.13		
10	16QAM	25	12	22.30	22.22	22.10	23.5	0
10	16QAM	25	25	22.13	22.22	21.91		
10	16QAM	50	0	22.16	22.14	22.13		
10	64QAM	1	0	22.08	22.24	21.94		
10	64QAM	1	25	22.03	22.18	22.13	23.5	0
10	64QAM	1	49	21.99	22.04	22.18		
10	64QAM	25	0	21.24	21.31	21.45		
10	64QAM	25	12	21.56	21.50	21.11	22.5	1
10	64QAM	25	25	21.47	21.28	21.35		
10	64QAM	50	0	21.48	21.45	21.02		
10	256QAM	1	0	19.24	19.43	19.35		
10	256QAM	1	25	19.49	19.39	19.10	20.5	3
10	256QAM	1	49	19.45	19.52	19.06		
10	256QAM	25	0	19.37	19.39	19.39		
10	256QAM	25	12	19.39	19.52	19.72	20.5	3
10	256QAM	25	25	19.68	19.66	19.66		
10	256QAM	50	0	19.67	19.80	19.52		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	22.23	22.20	22.18		
5	QPSK	1	12	22.08	22.19	22.14	23.5	0
5	QPSK	1	24	22.13	22.16	21.99		
5	QPSK	12	0	22.24	22.22	22.07		
5	QPSK	12	7	22.00	22.09	21.97	23.5	0
5	QPSK	12	13	22.19	22.01	22.26		
5	QPSK	25	0	22.09	22.20	22.14		
5	16QAM	1	0	22.22	22.22	22.08		
5	16QAM	1	12	22.02	22.32	22.17	23.5	0
5	16QAM	1	24	22.09	22.18	21.98		
5	16QAM	12	0	22.17	22.20	21.92		
5	16QAM	12	7	22.14	22.15	21.98	23.5	0
5	16QAM	12	13	22.05	22.27	22.03		
5	16QAM	25	0	22.04	22.24	22.11		
5	64QAM	1	0	22.23	22.22	22.06		
5	64QAM	1	12	22.00	22.20	22.18	23.5	0
5	64QAM	1	24	21.97	22.24	22.16		
5	64QAM	12	0	21.44	21.18	21.45		
5	64QAM	12	7	21.47	21.51	21.12	22.5	1
5	64QAM	12	13	21.30	21.23	21.11		
5	64QAM	25	0	21.53	21.49	21.24		
5	256QAM	1	0	19.34	19.35	19.27		
5	256QAM	1	12	19.41	19.49	19.05	20.5	3
5	256QAM	1	24	19.46	19.45	19.16		
5	256QAM	12	0	19.48	19.41	19.53		
5	256QAM	12	7	19.54	19.67	19.58	20.5	3
5	256QAM	12	13	19.51	19.81	19.49		
5	256QAM	25	0	19.62	19.96	19.69		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.12	22.37	22.55	22.39	22.33		
20	QPSK	1	49	22.10	22.22	22.50	22.35	22.16	23.5	0
20	QPSK	1	99	22.12	22.21	22.48	22.33	22.29		
20	QPSK	50	0	22.10	22.29	22.53	22.20	22.14		
20	QPSK	50	24	22.08	22.37	22.33	22.18	22.23	23.5	0
20	QPSK	50	50	22.13	22.26	22.51	22.19	22.17		
20	QPSK	100	0	22.09	22.20	22.53	22.41	22.35		
20	16QAM	1	0	22.10	22.19	22.43	22.19	22.22		
20	16QAM	1	49	21.95	22.20	22.45	22.21	22.16	23.5	0
20	16QAM	1	99	22.09	22.27	22.44	22.18	22.22		
20	16QAM	50	0	22.04	22.09	22.24	22.29	22.16		
20	16QAM	50	24	21.85	22.11	22.02	22.21	21.94	23.5	0
20	16QAM	50	50	21.88	21.93	22.34	22.18	21.98		
20	16QAM	100	0	22.06	22.37	22.35	22.39	22.20		
20	64QAM	1	0	21.90	22.08	22.29	22.34	22.09		
20	64QAM	1	49	21.94	22.14	22.04	22.23	22.03	23.5	0
20	64QAM	1	99	21.87	21.88	22.25	22.25	22.06		
20	64QAM	50	0	21.09	21.25	21.22	21.16	21.34		
20	64QAM	50	24	21.26	21.36	21.26	21.24	21.28	22.5	1
20	64QAM	50	50	20.94	21.21	21.29	21.15	21.21		
20	64QAM	100	0	20.88	21.25	21.14	21.07	21.24		
20	256QAM	1	0	19.13	19.05	19.10	19.00	19.10		
20	256QAM	1	49	18.98	19.05	19.24	18.88	19.15	20.5	3
20	256QAM	1	99	18.97	19.33	19.26	19.07	19.22		
20	256QAM	50	0	19.02	19.15	19.09	18.97	19.09		
20	256QAM	50	24	18.93	19.26	19.10	19.08	19.08	20.5	3
20	256QAM	50	50	19.01	19.16	19.05	19.05	19.02		
20	256QAM	100	0	19.04	19.16	19.16	19.00	19.04		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.96	22.18	22.36	22.23	22.28		
15	QPSK	1	37	22.09	22.08	22.46	22.36	22.05	24	0
15	QPSK	1	74	22.01	22.06	22.27	22.12	22.07		
15	QPSK	36	0	22.00	22.08	22.44	22.28	21.98		
15	QPSK	36	20	22.00	22.22	22.33	22.31	22.12	23.5	0
15	QPSK	36	39	22.12	22.11	22.39	21.99	22.04		
15	QPSK	75	0	22.01	22.14	22.31	22.32	22.15		
15	16QAM	1	0	22.06	22.00	22.33	22.23	21.95		
15	16QAM	1	37	22.11	22.07	22.33	22.22	22.26	23.5	0
15	16QAM	1	74	21.93	22.26	22.42	22.17	21.95		
15	16QAM	36	0	21.88	21.98	22.14	22.14	22.13		
15	16QAM	36	20	21.81	22.07	21.94	22.19	21.80	23.5	0
15	16QAM	36	39	21.84	21.77	22.21	22.17	22.00		
15	16QAM	75	0	21.89	22.31	22.19	22.38	22.06		
15	64QAM	1	0	21.76	22.07	22.24	22.23	22.08		
15	64QAM	1	37	21.82	22.01	21.83	22.12	21.81	23.5	0
15	64QAM	1	74	21.80	21.82	22.14	22.24	21.84		
15	64QAM	36	0	20.95	21.20	21.18	21.15	21.14		
15	64QAM	36	20	21.14	21.32	21.11	21.16	21.26	22.5	1
15	64QAM	36	39	20.95	21.05	21.25	21.03	21.03		
15	64QAM	75	0	20.85	21.18	20.93	20.91	21.08		
15	256QAM	1	0	18.99	18.94	18.89	18.84	18.98		
15	256QAM	1	37	18.90	18.86	19.22	18.74	18.94	20.5	3
15	256QAM	1	74	18.94	19.19	19.23	19.02	19.18		
15	256QAM	36	0	19.00	19.15	19.03	18.95	18.99		
15	256QAM	36	20	18.75	19.15	18.90	18.89	18.90	20.5	3
15	256QAM	36	39	18.95	19.13	18.91	18.97	18.94		
15	256QAM	75	0	18.86	19.11	18.98	18.89	18.94		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.10	22.16	22.39	22.36	22.04		
10	QPSK	1	25	22.03	22.00	22.28	22.14	22.25	24	0
10	QPSK	1	49	22.03	22.11	22.37	22.15	21.99		
10	QPSK	25	0	21.99	22.15	22.42	22.05	22.01		
10	QPSK	25	12	22.09	22.18	22.25	22.17	22.16	23.5	0
10	QPSK	25	25	22.04	22.26	22.35	22.00	22.18		
10	QPSK	50	0	21.96	22.00	22.45	22.28	22.30		
10	16QAM	1	0	22.12	22.23	22.35	22.27	22.13		
10	16QAM	1	25	22.10	22.15	22.31	22.19	22.24	23.5	0
10	16QAM	1	49	22.11	22.30	22.54	22.11	22.06		
10	16QAM	25	0	22.03	22.03	22.36	22.33	21.96		
10	16QAM	25	12	22.02	22.17	22.37	22.15	22.18	23.5	0
10	16QAM	25	25	21.95	22.18	22.32	22.19	21.97		
10	16QAM	50	0	22.01	22.19	22.40	22.28	22.13		
10	64QAM	1	0	22.00	22.05	22.30	22.30	21.98		
10	64QAM	1	25	21.94	22.16	22.38	22.20	22.27	23.5	0
10	64QAM	1	49	21.89	22.18	22.38	22.21	21.96		
10	64QAM	25	0	20.94	21.22	21.09	21.16	21.24		
10	64QAM	25	12	21.05	21.23	21.27	21.13	21.26	22.5	1
10	64QAM	25	25	20.94	21.07	21.11	20.98	21.01		
10	64QAM	50	0	20.84	21.14	20.98	20.86	21.07		
10	256QAM	1	0	19.09	18.92	18.96	19.01	18.91		
10	256QAM	1	25	18.81	18.85	19.11	18.80	18.98	20.5	3
10	256QAM	1	49	18.96	19.17	19.16	18.89	19.19		
10	256QAM	25	0	18.94	19.06	19.01	18.84	18.95		
10	256QAM	25	12	18.91	19.28	18.89	19.06	18.97	20.5	3
10	256QAM	25	25	19.02	19.13	18.96	18.98	19.03		
10	256QAM	50	0	18.93	18.98	18.96	19.00	18.90		
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	22.04	22.17	22.44	22.24	22.32		
5	QPSK	1	12	22.08	22.19	22.40	22.31	22.12	24	0
5	QPSK	1	24	21.96	22.02	22.29	22.33	22.12		
5	QPSK	12	0	21.99	22.17	22.45	22.11	22.04		
5	QPSK	12	7	22.10	22.32	22.26	22.17	22.09	23.5	0
5	QPSK	12	13	22.06	22.23	22.41	22.00	22.16		
5	QPSK	25	0	22.01	22.06	22.46	22.31	22.14		
5	16QAM	1	0	22.04	22.07	22.49	22.33	22.17		
5	16QAM	1	12	22.09	22.27	22.49	22.10	22.08	23.5	0
5	16QAM	1	24	22.08	22.12	22.42	22.15	22.20		
5	16QAM	12	0	22.04	22.17	22.33	22.37	22.03		
5	16QAM	12	7	22.01	22.11	22.49	22.28	22.27	23.5	0
5	16QAM	12	13	22.00	22.28	22.32	22.01	22.10		
5	16QAM	25	0	21.88	22.27	22.36	22.17	22.00		
5	64QAM	1	0	21.97	22.20	22.41	22.34	22.17		
5	64QAM	1	12	22.03	22.10	22.29	22.22	22.23	23.5	0
5	64QAM	1	24	22.01	22.31	22.34	22.05	22.00		
5	64QAM	12	0	20.94	21.18	21.07	21.11	21.16		
5	64QAM	12	7	21.17	21.25	21.26	21.13	21.25	22.5	1
5	64QAM	12	13	20.88	21.21	21.18	20.99	20.99		
5	64QAM	25	0	20.86	21.15	21.06	21.04	21.17		
5	256QAM	1	0	18.97	19.06	18.91	18.99	18.89		
5	256QAM	1	12	18.88	18.97	19.13	18.71	19.15	20.5	3
5	256QAM	1	24	18.75	19.16	19.09	18.99	19.11		
5	256QAM	12	0	18.85	19.04	19.01	18.93	18.93		
5	256QAM	12	7	18.76	19.11	18.94	18.88	18.96	20.5	3
5	256QAM	12	13	18.87	18.95	19.02	19.01	19.02		
5	256QAM	25	0	18.83	19.07	19.15	18.88	18.85		

Band 41 HPUE Ant0 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	24.03	23.99	24.22	24.00	23.98		
20	QPSK	1	49	24.06	24.14	24.11	24.06	24.15	25	0
20	QPSK	1	99	24.18	24.01	24.13	24.08	24.05		
20	QPSK	50	0	24.08	24.01	24.12	23.97	23.97		
20	QPSK	50	24	23.95	24.11	24.21	23.97	24.06	25	0
20	QPSK	50	50	24.02	24.08	24.15	24.08	24.10		
20	QPSK	100	0	24.06	23.98	24.14	23.96	24.06		
20	16QAM	1	0	24.01	24.00	23.95	23.87	23.94		
20	16QAM	1	49	24.00	23.96	24.00	23.91	24.02	25	0
20	16QAM	1	99	24.01	23.89	24.12	24.02	23.97		
20	16QAM	50	0	23.91	23.94	24.02	23.82	23.98		
20	16QAM	50	24	23.97	23.98	24.11	23.93	23.86	25	0
20	16QAM	50	50	23.88	23.84	24.10	23.88	23.96		
20	16QAM	100	0	23.86	23.95	23.93	23.94	23.83		
20	64QAM	1	0	23.89	23.98	23.96	23.89	23.89		
20	64QAM	1	49	23.97	23.87	24.12	23.87	24.02	25	0
20	64QAM	1	99	23.93	23.94	24.05	23.93	23.93		
20	64QAM	50	0	23.78	23.84	24.00	23.81	23.88		
20	64QAM	50	24	23.83	23.86	23.99	23.81	23.95	25	0
20	64QAM	50	50	23.82	23.89	24.00	23.94	23.84		
20	64QAM	100	0	23.84	23.92	24.07	23.94	23.86		
20	256QAM	1	0	22.20	22.27	22.36	22.24	22.21		
20	256QAM	1	49	22.20	22.25	22.29	22.38	22.26	23	2
20	256QAM	1	99	22.19	22.36	22.44	22.35	22.30		
20	256QAM	50	0	22.14	22.28	22.22	22.16	22.13		
20	256QAM	50	24	22.23	22.14	22.40	22.16	22.27	23	2
20	256QAM	50	50	22.13	22.21	22.21	22.22	22.22		
20	256QAM	100	0	22.28	22.16	22.21	22.24	22.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.00	23.81	24.10	23.92	23.80		
15	QPSK	1	37	23.99	24.05	23.98	23.96	23.97	25	0
15	QPSK	1	74	24.15	23.87	24.01	23.93	23.90		
15	QPSK	36	0	24.03	23.91	23.98	23.88	23.86		
15	QPSK	36	20	23.84	24.11	24.13	23.91	23.94	25	0
15	QPSK	36	39	23.83	23.95	23.96	24.05	23.97		
15	QPSK	75	0	23.92	23.79	23.95	23.88	23.92		
15	16QAM	1	0	23.88	23.87	23.85	23.74	23.91		
15	16QAM	1	37	23.82	23.81	23.91	23.80	23.91	25	0
15	16QAM	1	74	23.82	23.69	23.92	23.88	23.80		
15	16QAM	36	0	23.81	23.88	24.01	23.75	23.89		
15	16QAM	36	20	23.91	23.87	24.01	23.87	23.77	25	0
15	16QAM	36	39	23.82	23.77	24.01	23.82	23.92		
15	16QAM	75	0	23.74	23.78	23.77	23.86	23.79		
15	64QAM	1	0	23.88	23.79	23.94	23.88	23.82		
15	64QAM	1	37	23.96	23.77	24.00	23.80	23.92	25	0
15	64QAM	1	74	23.92	23.77	23.90	23.76	23.80		
15	64QAM	36	0	23.75	23.70	23.90	23.62	23.71		
15	64QAM	36	20	23.76	23.72	23.96	23.79	23.87	25	0
15	64QAM	36	39	23.67	23.72	23.85	23.82	23.83		
15	64QAM	75	0	23.83	23.89	23.87	23.87	23.77		
15	256QAM	1	0	22.12	22.27	22.35	22.15	22.10		
15	256QAM	1	37	22.05	22.07	22.15	22.18	22.11	23	2
15	256QAM	1	74	22.07	22.24	22.43	22.16	22.16		
15	256QAM	36	0	22.01	22.13	22.13	22.32	22.12		
15	256QAM	36	20	22.16	22.07	22.21	22.14	22.08	23	2
15	256QAM	36	39	22.22	22.08	22.20	22.21	22.21		
15	256QAM	75	0	22.20	22.05	22.14	22.06	22.17		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.84	23.88	24.06	23.96	23.90		
10	QPSK	1	25	24.05	24.07	24.10	23.94	24.14	25	0
10	QPSK	1	49	23.99	23.95	23.93	24.01	23.98		
10	QPSK	25	0	23.91	23.86	24.07	23.91	23.90		
10	QPSK	25	12	23.81	24.07	24.06	23.86	24.05	25	0
10	QPSK	25	25	24.02	23.92	24.00	24.02	24.06		
10	QPSK	50	0	23.92	23.82	23.98	23.87	24.01		
10	16QAM	1	0	23.95	23.99	23.91	23.67	23.80		
10	16QAM	1	25	23.99	23.84	23.82	23.82	24.01	25	0
10	16QAM	1	49	23.90	23.84	23.93	23.83	23.88		
10	16QAM	25	0	23.72	23.78	23.93	23.64	23.88		
10	16QAM	25	12	23.84	23.80	24.09	23.74	23.76	25	0
10	16QAM	25	25	23.74	23.70	24.09	23.79	23.88		
10	16QAM	50	0	23.85	23.90	23.89	23.80	23.79		
10	64QAM	1	0	23.81	23.90	23.92	23.71	23.81		
10	64QAM	1	25

GSM850 Ant1 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.93	32.97	32.89	33.50	23.93	23.97	23.89	24.50
GPRS 1 Tx slot	32.96	33.04	32.91	33.50	23.96	24.04	23.91	24.50
GPRS 2 Tx slots	29.45	29.51	29.39	30.50	23.45	23.51	23.39	24.50
GPRS 3 Tx slots	27.75	27.78	27.69	29.00	23.49	23.52	23.43	24.74
GPRS 4 Tx slots	26.12	26.29	26.13	27.00	23.12	23.29	23.13	24.00
EDGE 1 Tx slot	25.21	25.34	25.33	26.00	16.21	16.34	16.33	17.00
EDGE 2 Tx slots	23.59	23.68	23.62	24.50	17.59	17.68	17.62	18.50
EDGE 3 Tx slots	22.40	22.47	22.37	23.50	18.14	18.21	18.11	19.24
EDGE 4 Tx slots	20.19	20.34	20.24	21.00	17.19	17.34	17.24	18.00

GSM1900 Ant1 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	29.26	29.31	29.22	30.40	20.26	20.31	20.22	21.40
GPRS 1 Tx slot	29.33	29.39	29.25	30.40	20.33	20.39	20.25	21.40
GPRS 2 Tx slots	26.30	26.43	26.27	27.40	20.30	20.43	20.27	21.40
GPRS 3 Tx slots	24.22	24.25	24.21	25.90	19.96	19.99	19.95	21.64
GPRS 4 Tx slots	22.28	22.34	22.22	23.90	19.28	19.34	19.22	20.90
EDGE 1 Tx slot	24.52	24.71	24.68	25.50	15.52	15.71	15.68	16.50
EDGE 2 Tx slots	22.96	23.08	23.00	24.00	16.96	17.08	17.00	18.00
EDGE 3 Tx slots	21.81	21.98	21.87	23.00	17.55	17.72	17.61	18.74
EDGE 4 Tx slots	19.70	19.83	19.76	21.00	16.70	16.83	16.76	18.00

		WCDMA II Ant1 Default				WCDMA IV Ant1 DSI6				WCDMA V Ant1 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.49	19.33	19.36	20.80	19.61	19.96	19.72	21.20	24.10	24.16	24.05	25.00
3GPP Rel 99	RMC 12.2Kbps	19.50	19.51	19.43	20.80	19.82	19.99	19.78	21.20	24.22	24.27	24.18	25.00
3GPP Rel 6	HSDPA Subtest-1	18.41	18.62	18.42	19.80	18.76	18.88	18.86	20.20	23.19	23.25	22.98	24.00
3GPP Rel 6	HSDPA Subtest-2	18.55	18.40	18.53	19.80	18.76	18.92	18.79	20.20	23.05	23.17	23.26	24.00
3GPP Rel 6	HSDPA Subtest-3	17.89	18.07	17.82	19.30	18.37	18.54	18.16	19.70	22.82	22.69	22.67	23.50
3GPP Rel 6	HSDPA Subtest-4	17.91	18.10	18.02	19.30	18.40	18.52	18.39	19.70	22.59	22.65	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.59	18.57	18.33	19.80	18.82	18.88	18.74	20.20	23.14	23.31	23.08	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.52	18.39	18.54	19.80	18.82	18.92	18.88	20.20	23.11	23.31	23.19	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.88	18.02	17.82	19.30	18.27	18.57	18.26	19.70	22.61	22.71	22.65	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.97	17.90	17.91	19.30	18.33	18.49	18.19	19.70	22.65	22.69	22.59	23.50
3GPP Rel 6	HSUPA Subtest-1	18.61	18.61	18.43	19.80	18.73	18.91	18.72	20.20	23.08	23.10	23.23	24.00
3GPP Rel 6	HSUPA Subtest-2	16.56	16.61	16.53	17.80	16.86	17.00	16.86	18.20	21.21	21.16	21.27	22.00
3GPP Rel 6	HSUPA Subtest-3	17.49	17.58	17.49	18.80	17.77	18.01	17.73	19.20	22.15	22.09	22.11	23.00
3GPP Rel 6	HSUPA Subtest-4	16.40	16.59	16.53	17.80	16.75	16.90	16.69	18.20	21.15	21.22	21.06	22.00
3GPP Rel 6	HSUPA Subtest-5	18.61	18.50	18.32	19.80	18.75	19.01	18.84	20.20	22.95	23.20	23.04	24.00

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.63	20.68	20.56	21.1	0
20	QPSK	1	49	20.48	20.59	20.42		
20	QPSK	1	99	20.61	20.51	20.57		
20	QPSK	50	0	20.57	20.62	20.56	21.1	0
20	QPSK	50	24	20.58	20.52	20.54		
20	QPSK	50	50	20.47	20.59	20.50		
20	QPSK	100	0	20.44	20.55	20.53		
20	16QAM	1	0	20.57	20.56	20.56	21.1	0
20	16QAM	1	49	20.57	20.63	20.45		
20	16QAM	1	99	20.58	20.66	20.46		
20	16QAM	50	0	20.38	20.43	20.25	20.6	0.5
20	16QAM	50	24	20.00	20.20	20.00		
20	16QAM	50	50	20.25	20.38	20.36		
20	16QAM	100	0	20.29	20.41	20.17		
20	64QAM	1	0	20.50	20.34	20.28	20.6	0.5
20	64QAM	1	49	20.38	20.47	20.33		
20	64QAM	1	99	20.15	20.42	20.13		
20	64QAM	50	0	19.15	19.19	19.28	19.6	1.5
20	64QAM	50	24	18.93	19.24	19.10		
20	64QAM	50	50	19.09	19.26	19.18		
20	64QAM	100	0	19.18	19.28	19.10		
20	256QAM	1	0	17.22	17.44	17.24	17.6	3.5
20	256QAM	1	49	17.23	17.35	17.29		
20	256QAM	1	99	17.28	17.36	17.27		
20	256QAM	50	0	17.11	17.26	17.01	17.6	3.5
20	256QAM	50	24	17.26	17.44	17.28		
20	256QAM	50	50	17.10	17.19	17.25		
20	256QAM	100	0	17.20	17.38	17.32		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.48	20.63	20.41	21.1	0
15	QPSK	1	37	20.30	20.39	20.23		
15	QPSK	1	74	20.46	20.46	20.52		
15	QPSK	36	0	20.44	20.47	20.44	21.1	0
15	QPSK	36	20	20.46	20.53	20.41		
15	QPSK	36	39	20.27	20.49	20.38		
15	QPSK	75	0	20.27	20.41	20.54		
15	16QAM	1	0	20.43	20.57	20.55	21.1	0
15	16QAM	1	37	20.58	20.60	20.30		
15	16QAM	1	74	20.39	20.63	20.26		
15	16QAM	36	0	20.32	20.24	20.17	20.6	0.5
15	16QAM	36	20	20.01	20.15	19.95		
15	16QAM	36	39	20.10	20.23	20.22		
15	16QAM	75	0	20.22	20.20	20.18		
15	64QAM	1	0	20.37	20.22	20.21	20.6	0.5
15	64QAM	1	37	20.27	20.28	20.24		
15	64QAM	1	74	20.02	20.34	20.14		
15	64QAM	36	0	19.11	19.19	19.25	19.6	1.5
15	64QAM	36	20	18.78	19.10	19.08		
15	64QAM	36	39	18.99	19.18	18.98		
15	64QAM	75	0	19.00	19.29	18.96		
15	256QAM	1	0	17.16	17.24	17.07	17.6	3.5
15	256QAM	1	37	17.19	17.20	17.27		
15	256QAM	1	74	17.14	17.33	17.21		
15	256QAM	36	0	17.06	17.19	17.02	17.6	3.5
15	256QAM	36	20	17.13	17.30	17.27		
15	256QAM	36	39	17.02	17.15	17.24		
15	256QAM	75	0	17.04	17.38	17.30		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.43	20.58	20.39	21.1	0
10	QPSK	1	25	20.44	20.43	20.30		
10	QPSK	1	49	20.50	20.32	20.39		
10	QPSK	25	0	20.49	20.62	20.50	21.1	0
10	QPSK	25	12	20.57	20.36	20.36		
10	QPSK	25	25	20.46	20.39	20.38		
10	QPSK	50	0	20.41	20.53	20.37		
10	16QAM	1	0	20.51	20.54	20.42	21.1	0
10	16QAM	1	25	20.45	20.48	20.25		
10	16QAM	1	49	20.56	20.59	20.29		
10	16QAM	25	0	20.23	20.41	20.27	20.6	0.5
10	16QAM	25	12	19.93	20.11	19.93		
10	16QAM	25	25	20.08	20.38	20.24		
10	16QAM	50	0	20.13	20.25	20.00		
10	64QAM	1	0	20.40	20.33	20.24	20.6	0.5
10	64QAM	1	25	20.28	20.38	20.12		
10	64QAM	1	49	20.15	20.43	20.00		
10	64QAM	25	0	19.14	19.15	19.17	19.6	1.5
10	64QAM	25	12	18.94	19.13	19.02		
10	64QAM	25	25	19.01	19.10	18.97		
10	64QAM	50	0	19.05	19.17	18.93		
10	256QAM	1	0	17.06	17.42	17.17	17.6	3.5
10	256QAM	1	25	17.17	17.35	17.22		
10	256QAM	1	49	17.09	17.16	17.21		
10	256QAM	25	0	17.04	17.23	16.81	17.6	3.5
10	256QAM	25	12	17.07	17.24	17.27		
10	256QAM	25	25	16.97	17.02	17.11		
10	256QAM	50	0	17.16	17.29	17.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.61	20.52	20.46	21.1	0
5	QPSK	1	12	20.31	20.60	20.31		
5	QPSK	1	24	20.47	20.36	20.59		
5	QPSK	12	0	20.57	20.52	20.48	21.1	0
5	QPSK	12	7	20.48	20.40	20.52		
5	QPSK	12	13	20.44	20.49	20.30		
5	QPSK	25	0	20.36	20.34	20.49		
5	16QAM	1	0	20.52	20.37	20.54	21.1	0
5	16QAM	1	12	20.38	20.52	20.38		
5	16QAM	1	24	20.40	20.52	20.31		
5	16QAM	12	0	20.30	20.36	20.20	20.6	0.5
5	16QAM	12	7	19.97	20.09	20.00		
5	16QAM	12	13	20.10	20.39	20.22		
5	16QAM	25	0	20.22	20.40	20.01		
5	64QAM	1	0	20.37	20.36	20.14	20.6	0.5
5	64QAM	1	12	20.32	20.40	20.30		
5	64QAM	1	24	19.99	20.26	20.08		
5	64QAM	12	0	18.95	19.21	19.12	19.6	1.5
5	64QAM	12	7	18.72	19.05	18.93		
5	64QAM	12	13	18.92	19.22	19.10		
5	64QAM	25	0	19.14	19.28	19.12		
5	256QAM	1	0	17.11	17.27	17.17	17.6	3.5
5	256QAM	1	12	17.25	17.15	17.30		
5	256QAM	1	24	17.15	17.37	17.25		
5	256QAM	12	0	17.06	17.15	16.95	17.6	3.5
5	256QAM	12	7	17.10	17.30	17.10		
5	256QAM	12	13	17.10	17.01	17.18		
5	256QAM	25	0	17.13	17.17	17.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.56	20.60	20.53	21.1	0
3	QPSK	1	8	20.39	20.56	20.38		
3	QPSK	1	14	20.57	20.35	20.41		
3	QPSK	8	0	20.49	20.44	20.50	21.1	0
3	QPSK	8	4	20.44	20.49	20.53		
3	QPSK	8	7	20.41	20.47	20.47		
3	QPSK	15	0	20.25	20.44	20.42		
3	16QAM	1	0	20.45	20.53	20.55	21.1	0
3	16QAM	1	8	20.42	20.46	20.27		
3	16QAM	1	14	20.47	20.57	20.36		
3	16QAM	8	0	20.26	20.23	20.25	20.6	0.5
3	16QAM	8	4	19.88	20.16	19.96		
3	16QAM	8	7	20.13	20.26	20.24		
3	16QAM	15	0	20.15	20.29	19.95		
3	64QAM	1	0	20.35	20.30	20.29	20.6	0.5
3	64QAM	1	8	20.17	20.33	20.12		
3	64QAM	1	14	20.14	20.33	20.02		
3	64QAM	8	0	18.97	19.01	19.08	19.6	1.5
3	64QAM	8	4	18.84	19.02	19.00		
3	64QAM	8	7	19.07	19.18	18.99		
3	64QAM	15	0	19.00	19.24	19.09		
3	256QAM	1	0	17.22	17.26	17.02	17.6	3.5
3	256QAM	1	8	17.06	17.26	17.13		
3	256QAM	1	14	17.22	17.23	17.22		
3	256QAM	8	0	16.95	17.10	16.90	17.6	3.5
3	256QAM	8	4	17.22	17.28	17.26		
3	256QAM	8	7	16.97	17.01	17.23		
3	256QAM	15	0	17.04	17.28	17.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.60	20.51	20.39	21.1	0
1.4	QPSK	1	3	20.29	20.44	20.32		
1.4	QPSK	1	5	20.41	20.29	20.38		
1.4	QPSK	3	0	20.36	20.56	20.39		
1.4	QPSK	3	1	20.41	20.47	20.39		
1.4	QPSK	3	3	20.33	20.61	20.36		
1.4	QPSK	6	0	20.43	20.36	20.43	21.1	0
1.4	16QAM	1	0	20.55	20.37	20.54	21.1	0
1.4	16QAM	1	3	20.44	20.50	20.29		
1.4	16QAM	1	5	20.44	20.45	20.31		
1.4	16QAM	3	0	20.34	20.32	20.08		
1.4	16QAM	3	1	19.90	20.08	19.99		
1.4	16QAM	3	3	20.17	20.37	20.16		
1.4	16QAM	6	0	20.19	20.24	19.98	20.6	0.5
1.4	64QAM	1	0	20.44	20.23	20.24	20.6	0.5
1.4	64QAM	1	3	20.17	20.38	20.30		
1.4	64QAM	1	5	20.06	20.20	20.05		
1.4	64QAM	3	0	18.94	19.16	19.24		
1.4	64QAM	3	1	18.80	19.26	19.04		
1.4	64QAM	3	3	18.96	19.14	19.06		
1.4	64QAM	6	0	19.04	19.10	18.95	19.6	1.5
1.4	256QAM	1	0	17.15	17.27	17.23	17.6	3.5
1.4	256QAM	1	3	17.06	17.26	17.21		
1.4	256QAM	1	5	17.08	17.23	17.24		
1.4	256QAM	3	0	17.10	17.18	17.02		
1.4	256QAM	3	1	17.20	17.44	17.11		
1.4	256QAM	3	3	16.95	17.20	17.22		
1.4	256QAM	6	0	17.04	17.21	17.16	17.6	3.5

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.11	19.22	19.14	19.7	0
20	QPSK	1	49	18.89	19.02	19.00		
20	QPSK	1	99	18.99	19.15	19.04		
20	QPSK	50	0	18.93	19.18	19.10	19.7	0
20	QPSK	50	24	19.13	19.17	18.94		
20	QPSK	50	50	19.05	19.17	19.00		
20	QPSK	100	0	18.93	19.14	18.93		
20	16QAM	1	0	19.12	19.05	18.98	19.7	0
20	16QAM	1	49	18.93	19.20	19.11		
20	16QAM	1	99	18.92	19.12	19.16		
20	16QAM	50	0	18.99	19.16	19.05	19.7	0
20	16QAM	50	24	19.02	19.20	19.11		
20	16QAM	50	50	19.07	19.10	19.07		
20	16QAM	100	0	18.95	19.04	19.15		
20	64QAM	1	0	18.99	19.18	18.97	19.7	0
20	64QAM	1	49	19.00	19.04	18.98		
20	64QAM	1	99	19.06	19.00	19.03		
20	64QAM	50	0	18.91	19.14	19.05	19.7	0
20	64QAM	50	24	18.94	19.21	19.13		
20	64QAM	50	50	19.03	19.19	18.98		
20	64QAM	100	0	19.06	19.10	18.94		
20	256QAM	1	0	16.99	17.22	17.15	17.7	2
20	256QAM	1	49	17.20	17.49	17.15		
20	256QAM	1	99	17.24	17.31	17.26		
20	256QAM	50	0	17.00	17.29	16.91	17.7	2
20	256QAM	50	24	17.28	17.20	17.20		
20	256QAM	50	50	16.91	17.27	16.99		
20	256QAM	100	0	17.17	17.41	17.35		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.08	19.09	18.93	19.7	0
15	QPSK	1	37	18.82	18.85	18.88		
15	QPSK	1	74	18.89	19.13	18.91		
15	QPSK	36	0	18.86	19.06	18.92	19.7	0
15	QPSK	36	20	19.11	19.07	18.86		
15	QPSK	36	39	19.00	19.16	18.95		
15	QPSK	75	0	18.94	18.94	18.90		
15	16QAM	1	0	18.98	19.00	18.83	19.7	0
15	16QAM	1	37	18.89	19.15	19.12		
15	16QAM	1	74	18.84	19.10	19.07		
15	16QAM	36	0	18.98	19.03	18.98	19.7	0
15	16QAM	36	20	19.02	19.16	18.95		
15	16QAM	36	39	18.89	18.90	19.05		
15	16QAM	75	0	18.81	18.91	19.02		
15	64QAM	1	0	18.78	18.97	18.96	19.7	0
15	64QAM	1	37	18.89	18.97	18.90		
15	64QAM	1	74	19.05	18.95	18.85		
15	64QAM	36	0	18.81	19.11	18.86	19.7	0
15	64QAM	36	20	18.87	19.13	19.05		
15	64QAM	36	39	18.98	19.08	18.93		
15	64QAM	75	0	18.91	19.01	18.85		
15	256QAM	1	0	17.19	17.19	17.14	17.7	2
15	256QAM	1	37	16.92	17.11	16.89		
15	256QAM	1	74	17.11	17.38	17.24		
15	256QAM	36	0	17.23	17.19	17.05	17.7	2
15	256QAM	36	20	16.93	17.23	16.93		
15	256QAM	36	39	16.99	17.34	17.18		
15	256QAM	75	0	17.02	17.25	17.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.05	19.18	19.06	19.7	0
10	QPSK	1	25	18.78	19.01	18.94		
10	QPSK	1	49	18.93	19.09	19.01		
10	QPSK	25	0	18.78	19.17	19.09	19.7	0
10	QPSK	25	12	19.05	19.01	18.95		
10	QPSK	25	25	18.89	19.00	19.01		
10	QPSK	50	0	18.74	19.09	18.92		
10	16QAM	1	0	18.99	18.94	18.90	19.7	0
10	16QAM	1	25	18.72	19.00	19.00		
10	16QAM	1	49	18.74	18.96	19.11		
10	16QAM	25	0	18.85	18.95	18.94	19.7	0
10	16QAM	25	12	18.91	19.08	19.10		
10	16QAM	25	25	19.07	18.99	19.01		
10	16QAM	50	0	18.96	19.00	19.17		
10	64QAM	1	0	18.85	19.09	18.98	19.7	0
10	64QAM	1	25	18.82	19.00	18.95		
10	64QAM	1	49	18.84	18.81	19.00		
10	64QAM	25	0	18.86	18.96	18.96	19.7	0
10	64QAM	25	12	18.87	19.16	18.98		
10	64QAM	25	25	18.97	19.16	18.98		
10	64QAM	50	0	19.02	19.00	18.85		
10	256QAM	1	0	16.97	17.16	16.93	17.7	2
10	256QAM	1	25	17.07	17.32	16.96		
10	256QAM	1	49	17.18	17.13	17.12		
10	256QAM	25	0	16.93	17.16	16.90	17.7	2
10	256QAM	25	12	17.11	17.05	17.17		
10	256QAM	25	25	16.74	17.18	16.94		
10	256QAM	50	0	16.99	17.41	17.29		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.98	19.21	19.07	19.7	0
5	QPSK	1	12	18.72	18.83	18.99		
5	QPSK	1	24	18.92	19.09	18.87		
5	QPSK	12	0	18.71	18.97	18.98	19.7	0
5	QPSK	12	7	19.08	19.02	18.93		
5	QPSK	12	13	18.85	19.02	18.98		
5	QPSK	25	0	18.78	18.99	18.78		
5	16QAM	1	0	19.13	18.84	18.90	19.7	0
5	16QAM	1	12	18.74	19.00	18.90		
5	16QAM	1	24	18.78	18.92	19.09		
5	16QAM	12	0	18.78	18.98	18.85	19.7	0
5	16QAM	12	7	18.98	18.99	19.11		
5	16QAM	12	13	18.95	18.99	18.87		
5	16QAM	25	0	18.89	18.89	19.12		
5	64QAM	1	0	18.93	19.15	18.89	19.7	0
5	64QAM	1	12	18.99	18.90	18.92		
5	64QAM	1	24	19.06	18.92	18.92		
5	64QAM	12	0	18.80	18.98	18.89	19.7	0
5	64QAM	12	7	18.96	19.20	19.02		
5	64QAM	12	13	19.03	19.20	18.83		
5	64QAM	25	0	18.96	19.02	18.72		
5	256QAM	1	0	17.28	17.13	17.16	17.7	2
5	256QAM	1	12	16.92	17.05	16.89		
5	256QAM	1	24	17.08	17.27	17.25		
5	256QAM	12	0	16.98	17.21	16.84	17.7	2
5	256QAM	12	7	17.09	17.18	17.10		
5	256QAM	12	13	16.83	17.12	16.98		
5	256QAM	25	0	16.99	17.36	17.22		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.99	19.06	18.99	19.7	0
3	QPSK	1	8	18.85	18.87	18.86		
3	QPSK	1	14	18.83	19.15	18.91		
3	QPSK	8	0	18.83	19.06	19.02	19.7	0
3	QPSK	8	4	19.10	19.12	18.81		
3	QPSK	8	7	18.90	19.08	18.91		
3	QPSK	15	0	18.86	18.96	18.86		
3	16QAM	1	0	19.14	18.84	18.96	19.7	0
3	16QAM	1	8	18.72	19.10	19.04		
3	16QAM	1	14	18.71	19.12	19.16		
3	16QAM	8	0	18.90	18.97	19.04	19.7	0
3	16QAM	8	4	18.89	19.10	18.98		
3	16QAM	8	7	18.90	19.04	18.85		
3	16QAM	15	0	18.80	18.99	19.08		
3	64QAM	1	0	18.85	19.04	18.92	19.7	0
3	64QAM	1	8	18.85	18.90	18.84		
3	64QAM	1	14	18.92	18.81	18.91		
3	64QAM	8	0	18.91	19.00	18.91	19.7	0
3	64QAM	8	4	18.79	19.03	19.13		
3	64QAM	8	7	19.01	19.19	18.96		
3	64QAM	15	0	18.97	18.94	18.96		
3	256QAM	1	0	16.90	17.03	17.16	17.7	2
3	256QAM	1	8	17.13	17.39	17.17		
3	256QAM	1	14	17.04	17.30	17.19		
3	256QAM	8	0	16.78	17.17	16.80	17.7	2
3	256QAM	8	4	17.13	17.20	17.18		
3	256QAM	8	7	16.87	17.20	16.79		
3	256QAM	15	0	17.07	17.42	17.18		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.09	19.12	18.99	19.7	0
1.4	QPSK	1	3	18.74	18.83	18.93		
1.4	QPSK	1	5	18.98	19.15	18.83		
1.4	QPSK	3	0	18.72	19.01	18.95		
1.4	QPSK	3	1	19.04	19.04	18.91		
1.4	QPSK	3	3	18.87	19.00	18.86		
1.4	QPSK	6	0	18.83	19.10	18.89	19.7	0
1.4	16QAM	1	0	19.01	19.00	18.85	19.7	0
1.4	16QAM	1	3	18.87	19.12	19.00		
1.4	16QAM	1	5	18.82	19.00	18.95		
1.4	16QAM	3	0	18.99	19.03	18.88		
1.4	16QAM	3	1	18.97	19.09	18.93		
1.4	16QAM	3	3	18.91	19.05	19.04		
1.4	16QAM	6	0	18.86	18.87	19.05	19.7	0
1.4	64QAM	1	0	18.90	19.09	18.99	19.7	0
1.4	64QAM	1	3	18.89	18.96	18.98		
1.4	64QAM	1	5	19.05	18.78	18.83		
1.4	64QAM	3	0	18.88	19.03	19.01		
1.4	64QAM	3	1	18.89	19.06	19.05		
1.4	64QAM	3	3	18.91	19.10	18.84		
1.4	64QAM	6	0	18.86	19.09	18.86	19.7	0
1.4	256QAM	1	0	16.83	17.01	17.06	17.7	2
1.4	256QAM	1	3	17.14	17.28	16.99		
1.4	256QAM	1	5	17.18	17.18	17.04		
1.4	256QAM	3	0	16.92	17.31	16.88		
1.4	256QAM	3	1	17.25	17.05	17.00		
1.4	256QAM	3	3	16.90	17.12	16.87		
1.4	256QAM	6	0	17.08	17.38	17.19	17.7	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.55	22.61	22.51	23.8	0
10	QPSK	1	25	22.32	22.43	22.29		
10	QPSK	1	49	22.45	22.60	22.44		
10	QPSK	25	0	22.49	22.57	22.45	23.8	0
10	QPSK	25	12	22.39	22.54	22.30		
10	QPSK	25	25	22.56	22.47	22.26		
10	QPSK	50	0	22.42	22.50	22.39		
10	16QAM	1	0	22.34	22.46	22.41	23.8	0
10	16QAM	1	25	22.40	22.54	22.35		
10	16QAM	1	49	22.20	22.32	22.28		
10	16QAM	25	0	21.66	21.60	21.77	22.8	1
10	16QAM	25	12	21.57	21.73	21.72		
10	16QAM	25	25	21.71	21.70	21.67		
10	16QAM	50	0	21.58	21.69	21.60		
10	64QAM	1	0	21.64	21.53	21.56	22.8	1
10	64QAM	1	25	21.64	21.64	21.65		
10	64QAM	1	49	21.65	21.62	21.70		
10	64QAM	25	0	20.64	20.68	20.53	21.8	2
10	64QAM	25	12	20.59	20.62	20.68		
10	64QAM	25	25	20.67	20.61	20.69		
10	64QAM	50	0	20.51	20.54	20.65		
10	256QAM	1	0	18.79	18.71	18.83	19.8	4
10	256QAM	1	25	18.66	18.72	18.74		
10	256QAM	1	49	18.66	18.68	18.77		
10	256QAM	25	0	18.75	18.67	18.73	19.8	4
10	256QAM	25	12	18.70	18.74	18.63		
10	256QAM	25	25	18.64	18.60	18.56		
10	256QAM	50	0	18.61	18.60	18.76		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.54	22.47	22.46	23.8	0
5	QPSK	1	12	22.32	22.34	22.27		
5	QPSK	1	24	22.28	22.53	22.43		
5	QPSK	12	0	22.32	22.44	22.28	23.8	0
5	QPSK	12	7	22.21	22.52	22.23		
5	QPSK	12	13	22.46	22.35	22.23		
5	QPSK	25	0	22.33	22.45	22.28		
5	16QAM	1	0	22.19	22.30	22.34	23.8	0
5	16QAM	1	12	22.24	22.49	22.18		
5	16QAM	1	24	22.10	22.30	22.13		
5	16QAM	12	0	21.64	21.54	21.55	22.8	1
5	16QAM	12	7	21.58	21.63	21.49		
5	16QAM	12	13	21.62	21.50	21.57		
5	16QAM	25	0	21.49	21.56	21.64		
5	64QAM	1	0	21.54	21.46	21.55	22.8	1
5	64QAM	1	12	21.60	21.45	21.45		
5	64QAM	1	24	21.58	21.43	21.61		
5	64QAM	12	0	20.41	20.49	20.57	21.8	2
5	64QAM	12	7	20.53	20.44	20.60		
5	64QAM	12	13	20.41	20.41	20.49		
5	64QAM	25	0	20.45	20.50	20.52		
5	256QAM	1	0	18.55	18.66	18.66	19.8	4
5	256QAM	1	12	18.74	18.58	18.58		
5	256QAM	1	24	18.60	18.60	18.67		
5	256QAM	12	0	18.51	18.59	18.62	19.8	4
5	256QAM	12	7	18.52	18.53	18.53		
5	256QAM	12	13	18.47	18.61	18.60		
5	256QAM	25	0	18.61	18.58	18.52		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.50	22.44	22.37	23.8	0
3	QPSK	1	8	22.30	22.24	22.11		
3	QPSK	1	14	22.29	22.53	22.31		
3	QPSK	8	0	22.43	22.53	22.40	23.8	0
3	QPSK	8	4	22.38	22.41	22.13		
3	QPSK	8	7	22.48	22.38	22.25		
3	QPSK	15	0	22.39	22.34	22.23		
3	16QAM	1	0	22.18	22.39	22.28	23.8	0
3	16QAM	1	8	22.36	22.54	22.19		
3	16QAM	1	14	22.10	22.29	22.08		
3	16QAM	8	0	21.60	21.63	21.49	22.8	1
3	16QAM	8	4	21.67	21.61	21.61		
3	16QAM	8	7	21.51	21.51	21.57		
3	16QAM	15	0	21.65	21.52	21.48		
3	64QAM	1	0	21.55	21.46	21.58	22.8	1
3	64QAM	1	8	21.53	21.58	21.43		
3	64QAM	1	14	21.46	21.53	21.46		
3	64QAM	8	0	20.42	20.46	20.54	21.8	2
3	64QAM	8	4	20.58	20.41	20.44		
3	64QAM	8	7	20.40	20.46	20.60		
3	64QAM	15	0	20.46	20.40	20.55		
3	256QAM	1	0	18.57	18.62	18.70	19.8	4
3	256QAM	1	8	18.62	18.64	18.63		
3	256QAM	1	14	18.63	18.58	18.63		
3	256QAM	8	0	18.64	18.60	18.53	19.8	4
3	256QAM	8	4	18.64	18.49	18.61		
3	256QAM	8	7	18.58	18.47	18.63		
3	256QAM	15	0	18.56	18.63	18.55		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.48	22.51	22.40	23.8	0
1.4	QPSK	1	3	22.31	22.26	22.27		
1.4	QPSK	1	5	22.42	22.42	22.36		
1.4	QPSK	3	0	22.44	22.41	22.43		
1.4	QPSK	3	1	22.35	22.53	22.26		
1.4	QPSK	3	3	22.42	22.36	22.24		
1.4	QPSK	6	0	22.39	22.46	22.34	23.8	0
1.4	16QAM	1	0	22.25	22.43	22.36	23.8	0
1.4	16QAM	1	3	22.36	22.40	22.21		
1.4	16QAM	1	5	22.07	22.15	22.25		
1.4	16QAM	3	0	22.20	22.28	22.22		
1.4	16QAM	3	1	22.32	22.39	22.26		
1.4	16QAM	3	3	22.01	22.16	22.27		
1.4	16QAM	6	0	21.66	21.65	21.66	22.8	1
1.4	64QAM	1	0	21.61	21.56	21.61	22.8	1
1.4	64QAM	1	3	21.50	21.48	21.61		
1.4	64QAM	1	5	21.63	21.56	21.47		
1.4	64QAM	3	0	21.57	21.54	21.52		
1.4	64QAM	3	1	21.47	21.50	21.45		
1.4	64QAM	3	3	21.49	21.51	21.49		
1.4	64QAM	6	0	20.56	20.54	20.42	21.8	2
1.4	256QAM	1	0	18.71	18.72	18.64	19.8	4
1.4	256QAM	1	3	18.59	18.69	18.59		
1.4	256QAM	1	5	18.64	18.59	18.66		
1.4	256QAM	3	0	18.60	18.61	18.53		
1.4	256QAM	3	1	18.61	18.53	18.56		
1.4	256QAM	3	3	18.52	18.54	18.65		
1.4	256QAM	6	0	18.57	18.62	18.54	19.8	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.06	20.16	20.00	21.7	0
20	QPSK	1	49	20.02	20.06	20.01		
20	QPSK	1	99	19.90	20.04	19.78		
20	QPSK	50	0	20.04	20.14	19.93	21.7	0
20	QPSK	50	24	19.85	20.10	20.01		
20	QPSK	50	50	19.99	20.11	19.92		
20	QPSK	100	0	20.07	20.08	19.96		
20	16QAM	1	0	19.99	19.96	19.83	21.7	0
20	16QAM	1	49	20.00	20.00	19.88		
20	16QAM	1	99	19.87	19.96	19.97		
20	16QAM	50	0	20.03	19.96	20.02	21.7	0
20	16QAM	50	24	20.04	19.99	19.98		
20	16QAM	50	50	19.96	20.03	19.93		
20	16QAM	100	0	20.07	20.03	19.81		
20	64QAM	1	0	20.01	20.03	19.89	21.7	0
20	64QAM	1	49	20.00	19.94	19.92		
20	64QAM	1	99	19.92	20.14	19.85		
20	64QAM	50	0	18.33	19.48	19.55	19.7	2
20	64QAM	50	24	18.16	19.64	19.55		
20	64QAM	50	50	18.19	19.53	19.51		
20	64QAM	100	0	18.41	19.59	19.58		
20	256QAM	1	0	16.24	17.54	17.42	17.7	4
20	256QAM	1	49	16.34	17.68	17.70		
20	256QAM	1	99	16.44	17.55	17.58		
20	256QAM	50	0	16.21	17.55	17.57	17.7	4
20	256QAM	50	24	16.24	17.60	17.37		
20	256QAM	50	50	16.32	17.62	17.63		
20	256QAM	100	0	16.55	17.43	17.43		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.04	20.00	19.93	21.7	0
15	QPSK	1	37	19.92	19.98	20.02		
15	QPSK	1	74	19.89	19.93	19.72		
15	QPSK	36	0	19.84	20.05	19.79	21.7	0
15	QPSK	36	20	19.83	20.08	19.98		
15	QPSK	36	39	19.85	20.04	19.70		
15	QPSK	75	0	19.94	19.94	19.78		
15	16QAM	1	0	19.88	19.86	19.74	21.7	0
15	16QAM	1	37	19.97	19.98	19.71		
15	16QAM	1	74	19.86	19.96	19.84		
15	16QAM	36	0	20.05	19.97	19.87	21.7	0
15	16QAM	36	20	19.89	19.95	19.94		
15	16QAM	36	39	19.92	19.85	19.86		
15	16QAM	75	0	19.98	20.01	19.76		
15	64QAM	1	0	19.91	20.01	19.89	21.7	0
15	64QAM	1	37	20.00	19.91	19.84		
15	64QAM	1	74	19.71	20.06	19.83		
15	64QAM	36	0	18.24	19.47	19.43	19.7	2
15	64QAM	36	20	18.15	19.63	19.38		
15	64QAM	36	39	18.10	19.33	19.45		
15	64QAM	75	0	18.28	19.46	19.45		
15	256QAM	1	0	16.21	17.42	17.23	17.7	4
15	256QAM	1	37	16.34	17.56	17.66		
15	256QAM	1	74	16.30	17.56	17.60		
15	256QAM	36	0	16.00	17.53	17.55	17.7	4
15	256QAM	36	20	16.25	17.58	17.17		
15	256QAM	36	39	16.19	17.40	17.48		
15	256QAM	75	0	16.35	17.37	17.39		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.97	19.97	19.86	21.7	0
10	QPSK	1	25	19.96	20.02	20.00		
10	QPSK	1	49	19.77	19.84	19.80		
10	QPSK	25	0	19.89	20.15	19.86	21.7	0
10	QPSK	25	12	19.80	20.05	19.89		
10	QPSK	25	25	19.77	20.09	19.84		
10	QPSK	50	0	19.95	19.94	19.87		
10	16QAM	1	0	19.78	19.93	19.82	21.7	0
10	16QAM	1	25	20.01	19.84	19.89		
10	16QAM	1	49	19.79	19.75	19.84		
10	16QAM	25	0	19.82	19.82	19.99	21.7	0
10	16QAM	25	12	20.04	19.90	19.91		
10	16QAM	25	25	19.77	19.85	19.75		
10	16QAM	50	0	19.90	20.04	20.02		
10	64QAM	1	0	19.98	19.92	19.74	21.7	0
10	64QAM	1	25	19.87	19.76	19.83		
10	64QAM	1	49	19.91	19.95	19.76		
10	64QAM	25	0	18.12	19.47	19.43	19.7	2
10	64QAM	25	12	18.03	19.61	19.51		
10	64QAM	25	25	18.14	19.43	19.31		
10	64QAM	50	0	18.32	19.56	19.54		
10	256QAM	1	0	16.07	17.44	17.22	17.7	4
10	256QAM	1	25	16.28	17.63	17.63		
10	256QAM	1	49	16.38	17.47	17.58		
10	256QAM	25	0	16.12	17.45	17.39	17.7	4
10	256QAM	25	12	16.11	17.38	17.34		
10	256QAM	25	25	16.27	17.54	17.58		
10	256QAM	50	0	16.35	17.27	17.31		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.93	19.89	19.94	21.7	0
5	QPSK	1	12	19.99	20.00	19.80		
5	QPSK	1	24	19.76	19.88	19.92		
5	QPSK	12	0	19.96	20.06	19.73	21.7	0
5	QPSK	12	7	19.98	20.00	19.97		
5	QPSK	12	13	19.79	20.09	19.85		
5	QPSK	25	0	20.08	19.93	19.84		
5	16QAM	1	0	19.81	19.79	19.76	21.7	0
5	16QAM	1	12	19.85	19.88	19.88		
5	16QAM	1	24	19.86	19.89	19.80		
5	16QAM	12	0	20.00	19.82	19.92	21.7	0
5	16QAM	12	7	19.94	19.89	19.95		
5	16QAM	12	13	19.85	19.86	19.75		
5	16QAM	25	0	19.93	19.99	19.83		
5	64QAM	1	0	19.81	19.89	19.76	21.7	0
5	64QAM	1	12	19.84	19.85	19.83		
5	64QAM	1	24	19.75	20.14	19.82		
5	64QAM	12	0	18.15	19.30	19.40	19.7	2
5	64QAM	12	7	17.96	19.42	19.47		
5	64QAM	12	13	18.19	19.38	19.33		
5	64QAM	25	0	18.26	19.56	19.44		
5	256QAM	1	0	16.05	17.41	17.32	17.7	4
5	256QAM	1	12	16.18	17.59	17.62		
5	256QAM	1	24	16.38	17.38	17.58		
5	256QAM	12	0	16.14	17.53	17.51	17.7	4
5	256QAM	12	7	16.13	17.59	17.38		
5	256QAM	12	13	16.21	17.61	17.65		
5	256QAM	25	0	16.56	17.40	17.42		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.38	22.48	22.39	23.7	0
10	QPSK	1	25	22.27	22.42	22.18		
10	QPSK	6	49	22.25	22.42	22.28		
10	QPSK	25	0	22.39	22.47	22.34		
10	QPSK	25	12	22.29	22.45	22.20	23.7	0
10	QPSK	25	25	22.36	22.30	22.08		
10	QPSK	50	0	22.39	22.43	22.27		
10	16QAM	1	0	22.25	22.39	22.24		
10	16QAM	1	25	22.31	22.34	22.23	23.7	0
10	16QAM	1	49	22.08	22.24	22.24		
10	16QAM	25	0	21.54	21.54	21.67		
10	16QAM	25	12	21.47	21.66	21.58	22.7	1
10	16QAM	25	25	21.66	21.57	21.49		
10	16QAM	50	0	21.56	21.64	21.48		
10	64QAM	1	0	21.44	21.42	21.61		
10	64QAM	1	25	21.47	21.62	21.51	22.7	1
10	64QAM	1	49	21.46	21.46	21.56		
10	64QAM	25	0	20.41	20.47	20.58		
10	64QAM	25	12	20.49	20.59	20.56	21.7	2
10	64QAM	25	25	20.40	20.45	20.59		
10	64QAM	50	0	20.45	20.57	20.52		
10	256QAM	1	0	18.56	18.68	18.56		
10	256QAM	1	25	18.55	18.63	18.57	19.7	4
10	256QAM	1	49	18.59	18.63	18.67		
10	256QAM	25	0	18.61	18.66	18.58		
10	256QAM	25	12	18.66	18.48	18.48	19.7	4
10	256QAM	25	25	18.49	18.57	18.64		
10	256QAM	50	0	18.51	18.46	18.61		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.37	22.33	22.38	23.7	0
5	QPSK	1	12	22.03	22.25	22.15		
5	QPSK	1	24	22.17	22.32	22.24		
5	QPSK	12	0	22.29	22.46	22.27		
5	QPSK	12	7	22.18	22.33	22.29	23.7	0
5	QPSK	12	13	22.42	22.18	22.29		
5	QPSK	25	0	22.21	22.28	22.21		
5	16QAM	1	0	22.18	22.26	22.27		
5	16QAM	1	12	22.27	22.40	22.09	23.7	0
5	16QAM	1	24	22.03	22.07	22.02		
5	16QAM	12	0	21.46	21.56	21.48		
5	16QAM	12	7	21.43	21.53	21.48	22.7	1
5	16QAM	12	13	21.38	21.38	21.56		
5	16QAM	25	0	21.49	21.55	21.47		
5	64QAM	1	0	21.50	21.33	21.34		
5	64QAM	1	12	21.39	21.47	21.47	22.7	1
5	64QAM	1	24	21.45	21.42	21.46		
5	64QAM	12	0	20.43	20.40	20.38		
5	64QAM	12	7	20.30	20.30	20.45	21.7	2
5	64QAM	12	13	20.36	20.31	20.34		
5	64QAM	25	0	20.45	20.41	20.48		
5	256QAM	1	0	18.61	18.57	18.45		
5	256QAM	1	12	18.49	18.47	18.52	19.7	4
5	256QAM	1	24	18.52	18.55	18.64		
5	256QAM	12	0	18.47	18.47	18.39		
5	256QAM	12	7	18.50	18.48	18.46	19.7	4
5	256QAM	12	13	18.46	18.46	18.48		
5	256QAM	25	0	18.55	18.45	18.41		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.42	22.41	22.28	23.7	0
3	QPSK	1	8	22.13	22.33	22.01		
3	QPSK	1	14	22.15	22.34	22.20		
3	QPSK	8	0	22.23	22.27	22.26		
3	QPSK	8	4	22.18	22.33	22.05	23.7	0
3	QPSK	8	7	22.40	22.33	22.06		
3	QPSK	15	0	22.24	22.28	22.13		
3	16QAM	1	0	22.10	22.19	22.19		
3	16QAM	1	8	22.25	22.42	22.16	23.7	0
3	16QAM	1	14	22.09	22.12	22.07		
3	16QAM	8	0	21.53	21.57	21.57		
3	16QAM	8	4	21.52	21.39	21.48	22.7	1
3	16QAM	8	7	21.54	21.43	21.42		
3	16QAM	15	0	21.45	21.43	21.49		
3	64QAM	1	0	21.44	21.41	21.43		
3	64QAM	1	8	21.45	21.46	21.34	22.7	1
3	64QAM	1	14	21.37	21.41	21.49		
3	64QAM	8	0	20.30	20.47	20.39		
3	64QAM	8	4	20.38	20.46	20.34	21.7	2
3	64QAM	8	7	20.35	20.46	20.31		
3	64QAM	15	0	20.45	20.30	20.35		
3	256QAM	1	0	18.53	18.60	18.49		
3	256QAM	1	8	18.48	18.49	18.50	19.7	4
3	256QAM	1	14	18.48	18.61	18.62		
3	256QAM	8	0	18.42	18.51	18.37		
3	256QAM	8	4	18.44	18.56	18.47	19.7	4
3	256QAM	8	7	18.54	18.38	18.55		
3	256QAM	15	0	18.48	18.44	18.56		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.40	22.32	22.38	23.7	0
1.4	QPSK	1	3	22.18	22.26	22.12		
1.4	QPSK	1	5	22.21	22.41	22.15		
1.4	QPSK	3	0	22.22	22.31	22.18		
1.4	QPSK	3	1	22.12	22.43	22.11		
1.4	QPSK	3	3	22.31	22.25	22.04		
1.4	QPSK	6	0	22.15	22.29	22.25	23.7	0
1.4	16QAM	1	0	22.07	22.27	22.19	23.7	0
1.4	16QAM	1	3	22.30	22.34	22.18		
1.4	16QAM	1	5	22.18	22.16	22.04		
1.4	16QAM	3	0	22.13	22.31	22.19		
1.4	16QAM	3	1	22.29	22.40	22.18		
1.4	16QAM	3	3	22.06	22.21	22.18		
1.4	16QAM	6	0	21.38	21.43	21.48	22.7	1
1.4	64QAM	1	0	21.43	21.40	21.43	22.7	1
1.4	64QAM	1	3	21.48	21.38	21.54		
1.4	64QAM	1	5	21.55	21.43	21.43		
1.4	64QAM	3	0	21.51	21.51	21.37		
1.4	64QAM	3	1	21.45	21.40	21.42		
1.4	64QAM	3	3	21.44	21.47	21.36		
1.4	64QAM	6	0	20.37	20.43	20.42	21.7	2
1.4	256QAM	1	0	18.60	18.60	18.54	19.7	4
1.4	256QAM	1	3	18.47	18.46	18.59		
1.4	256QAM	1	5	18.46	18.44	18.47		
1.4	256QAM	3	0	18.54	18.44	18.52		
1.4	256QAM	3	1	18.46	18.40	18.44		
1.4	256QAM	3	3	18.47	18.44	18.50		
1.4	256QAM	6	0	18.46	18.50	18.51	19.7	4

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.45		23.8	0
10	QPSK	1	25		22.36			
10	QPSK	1	49		22.35			
10	QPSK	25	0		22.39			
10	QPSK	25	12		22.34		23.8	0
10	QPSK	25	25		22.38			
10	QPSK	50	0		22.33			
10	16QAM	1	0		22.18			
10	16QAM	1	25		22.37		23.8	0
10	16QAM	1	49		22.28			
10	16QAM	25	0		22.19			
10	16QAM	25	12		22.28		23.8	0
10	16QAM	25	25		22.30			
10	16QAM	50	0		22.15			
10	64QAM	1	0		22.15			
10	64QAM	1	25		22.30		23.8	0
10	64QAM	1	49		22.15			
10	64QAM	25	0		21.35			
10	64QAM	25	12		21.26		22.8	1
10	64QAM	25	25		21.20			
10	64QAM	50	0		21.39			
10	256QAM	1	0		19.23			
10	256QAM	1	25		19.32		20.8	3
10	256QAM	1	49		19.31			
10	256QAM	25	0		19.14			
10	256QAM	25	12		19.06		20.8	3
10	256QAM	25	25		19.19			
10	256QAM	50	0		19.15			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.33	22.43	22.32	23.8	0
5	QPSK	1	12	22.34	22.31	22.36		
5	QPSK	1	24	22.31	22.26	22.30		
5	QPSK	12	0	22.32	22.30	22.25		
5	QPSK	12	7	22.38	22.30	22.37	23.8	0
5	QPSK	12	13	22.26	22.28	22.34		
5	QPSK	25	0	22.32	22.26	22.22		
5	16QAM	1	0	22.08	22.24	22.13		
5	16QAM	1	12	22.10	22.20	22.17	23.8	0
5	16QAM	1	24	22.09	22.19	22.18		
5	16QAM	12	0	22.07	22.06	22.05		
5	16QAM	12	7	22.18	22.09	22.05	23.8	0
5	16QAM	12	13	22.12	22.11	22.04		
5	16QAM	25	0	22.11	22.22	22.07		
5	64QAM	1	0	22.03	22.07	22.05		
5	64QAM	1	12	22.07	22.16	22.12	23.8	0
5	64QAM	1	24	22.04	22.18	22.15		
5	64QAM	12	0	21.22	21.14	21.13		
5	64QAM	12	7	21.11	21.14	21.16	22.8	1
5	64QAM	12	13	21.29	21.18	21.20		
5	64QAM	25	0	21.15	21.23	21.14		
5	256QAM	1	0	19.13	19.22	19.20		
5	256QAM	1	12	19.11	19.24	19.06	20.8	3
5	256QAM	1	24	19.24	19.14	19.17		
5	256QAM	12	0	19.00	19.08	19.03		
5	256QAM	12	7	19.04	19.12	19.06	20.8	3
5	256QAM	12	13	19.02	19.12	19.04		
5	256QAM	25	0	19.10	19.08	19.00		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.35	22.42	22.39	23.7	0
10	QPSK	1	25	22.32	22.39	22.33		
10	QPSK	1	49	22.33	22.34	22.32		
10	QPSK	25	0	22.34	22.37	22.36		
10	QPSK	25	12	22.29	22.27	22.33	23.7	0
10	QPSK	25	25	22.32	22.32	22.27		
10	QPSK	50	0	22.26	22.32	22.26		
10	16QAM	1	0	22.26	22.27	22.21		
10	16QAM	1	25	22.26	22.20	22.32	23.7	0
10	16QAM	1	49	22.25	22.27	22.22		
10	16QAM	25	0	21.61	21.68	21.70		
10	16QAM	25	12	21.54	21.55	21.68	22.7	1
10	16QAM	25	25	21.56	21.59	21.71		
10	16QAM	50	0	21.70	21.71	21.55		
10	64QAM	1	0	21.78	21.74	21.62		
10	64QAM	1	25	21.73	21.80	21.76	22.7	1
10	64QAM	1	49	21.69	21.76	21.72		
10	64QAM	25	0	20.57	20.54	20.57		
10	64QAM	25	12	20.59	20.56	20.53	21.7	2
10	64QAM	25	25	20.53	20.47	20.49		
10	64QAM	50	0	20.56	20.55	20.52		
10	256QAM	1	0	18.69	18.60	18.60		
10	256QAM	1	25	18.72	18.71	18.72	19.7	4
10	256QAM	1	49	18.74	18.65	18.65		
10	256QAM	25	0	18.59	18.56	18.63		
10	256QAM	25	12	18.52	18.62	18.61	19.7	4
10	256QAM	25	25	18.69	18.67	18.67		
10	256QAM	50	0	18.52	18.59	18.64		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.35	22.41	22.28	23.7	0
5	QPSK	1	12	22.33	22.29	22.28		
5	QPSK	1	24	22.27	22.29	22.38		
5	QPSK	12	0	22.24	22.25	22.31		
5	QPSK	12	7	22.23	22.27	22.35	23.7	0
5	QPSK	12	13	22.25	22.29	22.34		
5	QPSK	25	0	22.25	22.18	22.14		
5	16QAM	1	0	22.22	22.18	22.10		
5	16QAM	1	12	22.21	22.24	22.15	23.7	0
5	16QAM	1	24	22.25	22.10	22.20		
5	16QAM	12	0	21.58	21.51	21.48		
5	16QAM	12	7	21.46	21.61	21.61	22.7	1
5	16QAM	12	13	21.61	21.57	21.62		
5	16QAM	25	0	21.60	21.58	21.53		
5	64QAM	1	0	21.57	21.59	21.51		
5	64QAM	1	12	21.60	21.58	21.53	22.7	1
5	64QAM	1	24	21.52	21.61	21.68		
5	64QAM	12	0	20.56	20.48	20.44		
5	64QAM	12	7	20.36	20.54	20.55	21.7	2
5	64QAM	12	13	20.51	20.37	20.41		
5	64QAM	25	0	20.38	20.41	20.41		
5	256QAM	1	0	18.52	18.60	18.54		
5	256QAM	1	12	18.65	18.58	18.52	19.7	4
5	256QAM	1	24	18.59	18.50	18.52		
5	256QAM	12	0	18.54	18.50	18.55		
5	256QAM	12	7	18.57	18.58	18.51	19.7	4
5	256QAM	12	13	18.50	18.41	18.53		
5	256QAM	25	0	18.51	18.59	18.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.87	19.96	19.92	21.1	0
20	QPSK	1	49	19.80	19.83	19.86		
20	QPSK	1	99	19.79	19.83	19.87		
20	QPSK	50	0	19.73	19.95	19.78		
20	QPSK	50	24	19.84	19.80	19.92	21.1	0
20	QPSK	50	50	19.69	19.91	19.72		
20	QPSK	100	0	19.74	19.92	19.91		
20	16QAM	1	0	19.76	19.83	19.91		
20	16QAM	1	49	19.72	19.76	19.75	21.1	0
20	16QAM	1	99	19.88	19.93	19.91		
20	16QAM	50	0	19.29	19.43	19.36		
20	16QAM	50	24	19.42	19.33	19.32	20.6	0.5
20	16QAM	50	50	19.23	19.37	19.42		
20	16QAM	100	0	19.46	19.40	19.46		
20	64QAM	1	0	19.35	19.35	19.43		
20	64QAM	1	49	19.44	19.37	19.43	20.6	0.5
20	64QAM	1	99	19.45	19.32	19.42		
20	64QAM	50	0	18.23	18.55	18.33		
20	64QAM	50	24	18.43	18.58	18.27	19.6	1.5
20	64QAM	50	50	18.54	18.47	18.50		
20	64QAM	100	0	18.52	18.68	18.41		
20	256QAM	1	0	16.64	16.51	16.71		
20	256QAM	1	49	16.62	16.61	16.60	17.6	3.5
20	256QAM	1	99	16.73	16.45	16.57		
20	256QAM	50	0	16.61	16.68	16.39		
20	256QAM	50	24	16.39	16.57	16.33	17.6	3.5
20	256QAM	50	50	16.55	16.58	16.44		
20	256QAM	100	0	16.59	16.58	16.31		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.77	19.85	19.75	21.1	0
15	QPSK	1	37	19.63	19.81	19.76		
15	QPSK	1	74	19.65	19.82	19.67		
15	QPSK	36	0	19.68	19.74	19.67		
15	QPSK	36	20	19.74	19.58	19.71	21.1	0
15	QPSK	36	39	19.69	19.75	19.57		
15	QPSK	75	0	19.73	19.72	19.78		
15	16QAM	1	0	19.68	19.76	19.73		
15	16QAM	1	37	19.71	19.75	19.55	21.1	0
15	16QAM	1	74	19.78	19.77	19.69		
15	16QAM	36	0	19.67	19.67	19.79		
15	16QAM	36	20	19.73	19.70	19.55	20.6	0.5
15	16QAM	36	39	19.51	19.79	19.72		
15	16QAM	75	0	19.70	19.72	19.81		
15	64QAM	1	0	19.71	19.78	19.87		
15	64QAM	1	37	19.79	19.73	19.74	20.6	0.5
15	64QAM	1	74	19.68	19.67	19.80		
15	64QAM	36	0	18.57	18.96	18.71		
15	64QAM	36	20	18.87	18.83	18.64	19.6	1.5
15	64QAM	36	39	18.98	18.75	18.74		
15	64QAM	75	0	18.73	18.91	18.83		
15	256QAM	1	0	16.94	16.73	17.02		
15	256QAM	1	37	16.91	16.90	16.86	17.6	3.5
15	256QAM	1	74	16.98	16.73	16.83		
15	256QAM	36	0	17.00	17.05	16.64		
15	256QAM	36	20	16.76	17.00	16.76	17.6	3.5
15	256QAM	36	39	16.77	16.90	16.82		
15	256QAM	75	0	16.83	17.02	16.64		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.76	19.93	19.87	21.1	0
10	QPSK	1	25	19.62	19.65	19.75		
10	QPSK	1	49	19.58	19.80	19.86		
10	QPSK	25	0	19.73	19.90	19.78		
10	QPSK	25	12	19.64	19.80	19.76	21.1	0
10	QPSK	25	25	19.69	19.87	19.53		
10	QPSK	50	0	19.61	19.87	19.86		
10	16QAM	1	0	19.65	19.69	19.82		
10	16QAM	1	25	19.65	19.59	19.69	21.1	0
10	16QAM	1	49	19.86	19.93	19.78		
10	16QAM	25	0	19.59	19.76	19.72		
10	16QAM	25	12	19.67	19.72	19.59	20.6	0.5
10	16QAM	25	25	19.58	19.61	19.64		
10	16QAM	50	0	19.85	19.73	19.72		
10	64QAM	1	0	19.77	19.66	19.68		
10	64QAM	1	25	19.66	19.64	19.83	20.6	0.5
10	64QAM	1	49	19.78	19.76	19.80		
10	64QAM	25	0	18.60	18.87	18.56		
10	64QAM	25	12	18.69	18.88	18.49	19.6	1.5
10	64QAM	25	25	18.95	18.79	18.76		
10	64QAM	50	0	18.94	19.00	18.79		
10	256QAM	1	0	16.95	16.93	17.02		
10	256QAM	1	25	16.84	16.83	16.92	17.6	3.5
10	256QAM	1	49	17.14	16.87	16.91		
10	256QAM	25	0	16.84	16.90	16.73		
10	256QAM	25	12	16.64	16.92	16.59	17.6	3.5
10	256QAM	25	25	16.90	17.00	16.74		
10	256QAM	50	0	16.94	16.82	16.53		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.71	19.80	19.88	21.1	0
5	QPSK	1	12	19.76	19.73	19.76		
5	QPSK	1	24	19.77	19.73	19.82		
5	QPSK	12	0	19.73	19.87	19.61	21.1	0
5	QPSK	12	7	19.75	19.65	19.92		
5	QPSK	12	13	19.53	19.87	19.53		
5	QPSK	25	0	19.57	19.91	19.74		
5	16QAM	1	0	19.78	19.73	19.85	21.1	0
5	16QAM	1	12	19.50	19.65	19.62		
5	16QAM	1	24	19.71	19.83	19.92		
5	16QAM	12	0	19.63	19.65	19.69	20.6	0.5
5	16QAM	12	7	19.80	19.55	19.57		
5	16QAM	12	13	19.48	19.74	19.75		
5	16QAM	25	0	19.78	19.76	19.90		
5	64QAM	1	0	19.67	19.57	19.85	20.6	0.5
5	64QAM	1	12	19.69	19.72	19.77		
5	64QAM	1	24	19.74	19.72	19.75		
5	64QAM	12	0	18.65	18.92	18.72	19.6	1.5
5	64QAM	12	7	18.66	18.99	18.68		
5	64QAM	12	13	18.81	18.82	18.89		
5	64QAM	25	0	18.83	19.00	18.74		
5	256QAM	1	0	17.03	16.78	17.15	17.6	3.5
5	256QAM	1	12	17.06	16.99	16.98		
5	256QAM	1	24	16.95	16.68	16.91		
5	256QAM	12	0	16.88	17.01	16.65	17.6	3.5
5	256QAM	12	7	16.74	16.93	16.78		
5	256QAM	12	13	16.76	16.95	16.71		
5	256QAM	25	0	16.85	16.87	16.55		
Channel				26035	26340	26715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.87	19.80	19.86	21.1	0
3	QPSK	1	8	19.63	19.77	19.67		
3	QPSK	1	14	19.69	19.70	19.75		
3	QPSK	8	0	19.73	19.82	19.70	21.1	0
3	QPSK	8	4	19.78	19.68	19.72		
3	QPSK	8	7	19.63	19.73	19.61		
3	QPSK	15	0	19.55	19.71	19.72		
3	16QAM	1	0	19.74	19.68	19.79		
3	16QAM	1	8	19.62	19.64	19.75	21.1	0
3	16QAM	1	14	19.72	19.82	19.73		
3	16QAM	8	0	19.50	19.74	19.65		
3	16QAM	8	4	19.78	19.71	19.67	20.6	0.5
3	16QAM	8	7	19.67	19.64	19.73		
3	16QAM	15	0	19.89	19.77	19.69		
3	64QAM	1	0	19.76	19.59	19.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.47	22.67	22.50	23.8	0
15	QPSK	1	37	22.42	22.56	22.56		
15	QPSK	1	74	22.55	22.51	22.58		
15	QPSK	36	0	22.52	22.65	22.49		
15	QPSK	36	20	22.50	22.52	22.43	23.8	0
15	QPSK	36	39	22.47	22.42	22.51		
15	QPSK	75	0	22.37	22.54	22.40		
15	16QAM	1	0	22.35	22.31	22.43		
15	16QAM	1	37	22.40	22.45	22.29	23.8	0
15	16QAM	1	74	22.44	22.41	22.38		
15	16QAM	36	0	21.69	21.73	21.74		
15	16QAM	36	20	21.67	21.82	21.68	22.8	1
15	16QAM	36	39	21.81	21.75	21.72		
15	16QAM	75	0	21.77	21.76	21.78		
15	64QAM	1	0	21.79	21.87	21.86		
15	64QAM	1	37	21.71	21.72	21.77	22.8	1
15	64QAM	1	74	21.72	21.76	21.72		
15	64QAM	36	0	20.71	20.67	20.65		
15	64QAM	36	20	20.60	20.67	20.57	21.8	2
15	64QAM	36	39	20.60	20.72	20.59		
15	64QAM	75	0	20.73	20.76	20.73		
15	256QAM	1	0	18.74	18.84	18.88		
15	256QAM	1	37	18.70	18.73	18.88	19.8	4
15	256QAM	1	74	18.83	18.87	18.79		
15	256QAM	36	0	18.73	18.78	18.65		
15	256QAM	36	20	18.75	18.64	18.80	19.8	4
15	256QAM	36	39	18.68	18.63	18.66		
15	256QAM	75	0	18.65	18.80	18.71		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.58	22.50	22.49	23.8	0
10	QPSK	1	25	22.45	22.50	22.50		
10	QPSK	1	49	22.62	22.57	22.61		
10	QPSK	25	0	22.40	22.45	22.57		
10	QPSK	25	12	22.49	22.44	22.54	23.8	0
10	QPSK	25	25	22.43	22.44	22.44		
10	QPSK	50	0	22.33	22.37	22.34		
10	16QAM	1	0	22.44	22.38	22.32		
10	16QAM	1	25	22.44	22.37	22.30	23.8	0
10	16QAM	1	49	22.38	22.32	22.26		
10	16QAM	25	0	21.69	21.70	21.70		
10	16QAM	25	12	21.65	21.79	21.63	22.8	1
10	16QAM	25	25	21.80	21.73	21.70		
10	16QAM	50	0	21.73	21.80	21.77		
10	64QAM	1	0	21.86	21.85	21.76		
10	64QAM	1	25	21.84	21.80	21.81	22.8	1
10	64QAM	1	49	21.89	21.81	21.84		
10	64QAM	25	0	20.72	20.61	20.72		
10	64QAM	25	12	20.60	20.72	20.69	21.8	2
10	64QAM	25	25	20.67	20.62	20.65		
10	64QAM	50	0	20.61	20.61	20.61		
10	256QAM	1	0	18.73	18.68	18.87		
10	256QAM	1	25	18.83	18.84	18.85	19.8	4
10	256QAM	1	49	18.80	18.76	18.71		
10	256QAM	25	0	18.66	18.69	18.68		
10	256QAM	25	12	18.78	18.71	18.66	19.8	4
10	256QAM	25	25	18.77	18.62	18.77		
10	256QAM	50	0	18.67	18.73	18.73		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.42	22.48	22.56	23.8	0
5	QPSK	1	12	22.43	22.46	22.44		
5	QPSK	1	24	22.60	22.51	22.51		
5	QPSK	12	0	22.46	22.40	22.47		
5	QPSK	12	7	22.48	22.42	22.46	23.8	0
5	QPSK	12	13	22.39	22.53	22.52		
5	QPSK	25	0	22.41	22.45	22.46		
5	16QAM	1	0	22.34	22.43	22.30		
5	16QAM	1	12	22.45	22.27	22.41	23.8	0
5	16QAM	1	24	22.26	22.27	22.38		
5	16QAM	12	0	21.79	21.72	21.67		
5	16QAM	12	7	21.79	21.66	21.64	22.8	1
5	16QAM	12	13	21.83	21.70	21.71		
5	16QAM	25	0	21.70	21.66	21.79		
5	64QAM	1	0	21.82	21.83	21.72		
5	64QAM	1	12	21.73	21.79	21.85	22.8	1
5	64QAM	1	24	21.87	21.87	21.78		
5	64QAM	12	0	20.61	20.63	20.73		
5	64QAM	12	7	20.60	20.56	20.63	21.8	2
5	64QAM	12	13	20.60	20.65	20.60		
5	64QAM	25	0	20.70	20.64	20.59		
5	256QAM	1	0	18.82	18.76	18.79		
5	256QAM	1	12	18.87	18.87	18.83	19.8	4
5	256QAM	1	24	18.80	18.71	18.77		
5	256QAM	12	0	18.70	18.68	18.70		
5	256QAM	12	7	18.62	18.62	18.64	19.8	4
5	256QAM	12	13	18.70	18.64	18.79		
5	256QAM	25	0	18.65	18.61	18.68		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.49	22.59	22.57	23.8	0
3	QPSK	1	8	22.58	22.61	22.50		
3	QPSK	1	14	22.50	22.44	22.49		
3	QPSK	8	0	22.37	22.50	22.47		
3	QPSK	8	4	22.46	22.52	22.41	23.8	0
3	QPSK	8	7	22.51	22.41	22.46		
3	QPSK	15	0	22.48	22.41	22.32		
3	16QAM	1	0	22.39	22.27	22.27		
3	16QAM	1	8	22.40	22.27	22.40	23.8	0
3	16QAM	1	14	22.40	22.31	22.40		
3	16QAM	8	0	21.75	21.82	21.75		
3	16QAM	8	4	21.66	21.73	21.65	22.8	1
3	16QAM	8	7	21.81	21.83	21.82		
3	16QAM	15	0	21.65	21.82	21.73		
3	64QAM	1	0	21.74	21.85	21.85		
3	64QAM	1	8	21.90	21.73	21.78	22.8	1
3	64QAM	1	14	21.73	21.79	21.79		
3	64QAM	8	0	20.64	20.62	20.58		
3	64QAM	8	4	20.71	20.71	20.72	21.8	2
3	64QAM	8	7	20.61	20.57	20.60		
3	64QAM	15	0	20.59	20.66	20.65		
3	256QAM	1	0	18.72	18.79	18.79		
3	256QAM	1	8	18.72	18.80	18.79	19.8	4
3	256QAM	1	14	18.77	18.82	18.71		
3	256QAM	8	0	18.71	18.73	18.63		
3	256QAM	8	4	18.61	18.62	18.72	19.8	4
3	256QAM	8	7	18.79	18.70	18.61		
3	256QAM	15	0	18.79	18.63	18.80		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.51	22.52	22.32	23.8	0
1.4	QPSK	1	3	22.24	22.26	22.18		
1.4	QPSK	1	5	22.29	22.58	22.42		
1.4	QPSK	3	0	22.46	22.38	22.30		
1.4	QPSK	3	1	22.28	22.51	22.13		
1.4	QPSK	3	3	22.38	22.31	22.25		
1.4	QPSK	6	0	22.42	22.47	22.25	23.8	0
1.4	16QAM	1	0	22.20	22.45	22.37	23.8	0
1.4	16QAM	1	3	22.28	22.34	22.26		
1.4	16QAM	1	5	22.13	22.16	22.19		
1.4	16QAM	3	0	22.14	22.39	22.22		
1.4	16QAM	3	1	22.37	22.51	22.21		
1.4	16QAM	3	3	22.19	22.15	22.08		
1.4	16QAM	6	0	21.56	21.56	21.57	22.8	1
1.4	64QAM	1	0	21.51	21.65	21.48	22.8	1
1.4	64QAM	1	3	21.61	21.59	21.65		
1.4	64QAM	1	5	21.60	21.62	21.64		
1.4	64QAM	3	0	21.49	21.49	21.46		
1.4	64QAM	3	1	21.54	21.48	21.48		
1.4	64QAM	3	3	21.44	21.50	21.48		
1.4	64QAM	6	0	20.43	20.46	20.43	21.8	2
1.4	256QAM	1	0	18.71	18.64	18.71	19.8	4
1.4	256QAM	1	3	18.65	18.68	18.54		
1.4	256QAM	1	5	18.56	18.68	18.68		
1.4	256QAM	3	0	18.56	18.49	18.60		
1.4	256QAM	3	1	18.60	18.50	18.61		
1.4	256QAM	3	3	18.54	18.57	18.50		
1.4	256QAM	6	0	18.55	18.57	18.63	19.8	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.21	18.27	18.24	19.7	0
20	QPSK	1	49	18.01	18.13	18.15		
20	QPSK	1	99	18.19	18.06	18.13		
20	QPSK	50	0	18.01	18.25	18.21		
20	QPSK	50	24	18.22	18.06	18.08		
20	QPSK	50	50	18.09	18.08	18.14		
20	QPSK	100	0	18.16	18.24	18.20		
20	16QAM	1	0	18.00	18.16	18.09		
20	16QAM	1	49	18.06	18.21	18.05	19.7	0
20	16QAM	1	99	18.17	18.16	18.05		
20	16QAM	50	0	18.13	18.06	18.19		
20	16QAM	50	24	18.13	18.26	18.23	19.7	0
20	16QAM	50	50	18.00	18.17	18.12		
20	16QAM	100	0	18.00	18.23	18.05		
20	64QAM	1	0	18.23	18.16	18.16		
20	64QAM	1	49	18.20	18.24	18.16	19.7	0
20	64QAM	1	99	18.00	18.06	18.20		
20	64QAM	50	0	18.00	18.07	18.25		
20	64QAM	50	24	18.07	18.25	18.12	19.7	0
20	64QAM	50	50	18.09	18.11	18.08		
20	64QAM	100	0	18.06	18.26	18.03		
20	256QAM	1	0	17.14	17.16	17.16		
20	256QAM	1	49	17.31	17.08	17.22	18.7	1
20	256QAM	1	99	17.21	17.12	17.33		
20	256QAM	50	0	17.03	17.07	17.13		
20	256QAM	50	24	17.20	17.23	17.18	18.7	1
20	256QAM	50	50	16.99	17.14	17.09		
20	256QAM	100	0	17.15	17.08	17.09		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.13	18.10	18.24	19.7	0
15	QPSK	1	37	17.98	18.01	17.94		
15	QPSK	1	74	18.05	18.00	18.08		
15	QPSK	36	0	17.79	18.25	18.21		
15	QPSK	36	20	18.05	17.87	17.89	19.7	0
15	QPSK	36	39	17.89	17.87	18.09		
15	QPSK	75	0	17.95	18.05	18.14		
15	16QAM	1	0	17.93	18.17	18.05		
15	16QAM	1	37	17.92	18.10	17.86	19.7	0
15	16QAM	1	74	18.05	18.07	17.85		
15	16QAM	36	0	17.93	18.01	18.07		
15	16QAM	36	20	17.98	18.16	18.06	19.7	0
15	16QAM	36	39	17.82	17.98	18.14		
15	16QAM	75	0	17.89	18.11	17.86		
15	64QAM	1	0	18.11	18.14	18.10		
15	64QAM	1	37	18.02	18.20	18.16	19.7	0
15	64QAM	1	74	17.83	18.05	18.10		
15	64QAM	36	0	17.94	17.98	18.04		
15	64QAM	36	20	18.05	18.06	18.07	19.7	0
15	64QAM	36	39	17.96	17.98	17.90		
15	64QAM	75	0	18.07	18.26	17.96		
15	256QAM	1	0	17.14	17.16	17.04		
15	256QAM	1	37	17.18	17.09	17.08	18.7	1
15	256QAM	1	74	17.04	17.12	17.14		
15	256QAM	36	0	17.03	16.92	17.10		
15	256QAM	36	20	17.16	17.13	17.08	18.7	1
15	256QAM	36	39	16.86	17.07	16.89		
15	256QAM	75	0	17.01	16.96	17.11		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.02	18.14	18.11	19.7	0
10	QPSK	1	25	17.91	18.08	18.15		
10	QPSK	1	49	18.04	17.88	18.12		
10	QPSK	25	0	17.93	18.12	18.10		
10	QPSK	25	12	18.13	17.92	17.98	19.7	0
10	QPSK	25	25	18.03	17.91	18.07		
10	QPSK	50	0	18.06	18.05	18.01		
10	16QAM	1	0	17.95	18.15	18.07		
10	16QAM	1	25	17.85	18.21	17.84	19.7	0
10	16QAM	1	49	17.97	18.10	17.97		
10	16QAM	25	0	18.13	17.95	17.98		
10	16QAM	25	12	18.07	18.21	18.06	19.7	0
10	16QAM	25	25	17.87	17.97	18.05		
10	16QAM	50	0	17.83	18.10	18.05		
10	64QAM	1	0	18.12	18.16	18.02		
10	64QAM	1	25	18.15	18.24	18.10	19.7	0
10	64QAM	1	49	17.81	17.93	18.21		
10	64QAM	25	0	17.83	17.86	18.18		
10	64QAM	25	12	18.08	18.26	17.94	19.7	0
10	64QAM	25	25	18.01	17.96	18.10		
10	64QAM	50	0	18.01	18.17	17.87		
10	256QAM	1	0	16.98	17.14	16.97		
10	256QAM	1	25	17.20	17.04	17.23	18.7	1
10	256QAM	1	49	17.15	17.09	17.18		
10	256QAM	25	0	17.01	16.88	17.05		
10	256QAM	25	12	17.13	17.09	17.03	18.7	1
10	256QAM	25	25	16.96	17.04	16.89		
10	256QAM	50	0	16.99	17.02	16.95		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.16	18.22	18.23	19.7	0
5	QPSK	1	12	17.91	18.12	18.14		
5	QPSK	1	24	18.03	17.88	18.14		
5	QPSK	12	0	18.03	18.25	18.14		
5	QPSK	12	7	18.08	17.96	17.88	19.7	0
5	QPSK	12	13	18.00	18.10	17.98		
5	QPSK	25	0	18.17	18.17	18.14		
5	16QAM	1	0	17.94	18.15	17.99		
5	16QAM	1	12	17.84	17.99	17.96	19.7	0
5	16QAM	1	24	18.11	18.06	18.05		
5	16QAM	12	0	18.12	17.94	17.99		
5	16QAM	12	7	18.04	18.22	18.06	19.7	0
5	16QAM	12	13	17.94	18.16	18.08		
5	16QAM	25	0	18.01	18.18	17.92		
5	64QAM	1	0	18.08	18.16	18.05		
5	64QAM	1	12	18.08	18.22	18.16	19.7	0
5	64QAM	1	24	17.81	17.95	18.20		
5	64QAM	12	0	17.93	17.92	18.03		
5	64QAM	12	7	17.97	18.15	17.99	19.7	0
5	64QAM	12	13	17.95	18.02	17.91		
5	64QAM	25	0	17.89	18.25	17.94		
5	256QAM	1	0	16.93	17.07	17.09		
5	256QAM	1	12	17.32	16.94	17.15	18.7	1
5	256QAM	1	24	17.16	16.98	17.23		
5	256QAM	12	0	16.94	16.99	17.00		
5	256QAM	12	7	17.10	17.13	16.99	18.7	1
5	256QAM	12	13	16.89	17.01	17.11		
5	256QAM	25	0	16.94	17.08	16.89		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.00	18.22	18.19	19.7	0
3	QPSK	1	8	18.00	17.93	18.00		
3	QPSK	1	14	18.03	18.06	18.03		
3	QPSK	8	0	17.87	18.06	18.07		
3	QPSK	8	4	18.23	17.86	17.86	19.7	0
3	QPSK	8	7	17.94	17.91	17.94		
3	QPSK	15	0	18.13	18.19	18.11		
3	16QAM	1	0	17.83	18.00	18.09		
3	16QAM	1	8	18.00	18.04	17.84	19.7	0
3	16QAM	1	14	18.09	18.01	18.04		
3	16QAM	8	0	18.15	17.92	18.11		
3	16QAM	8	4	18.06	18.19	18.22	19.7	0
3	16QAM	8	7	17.88	18.08	17.95		
3	16QAM	15	0	17.89	18.22	18.01		
3	64QAM	1	0	18.24	18.08	18.16	19.7	0
3	64QAM	1	8	18.08	18.07	18.00		
3	64QAM	1	14	17.82	17.93	18.14		
3	64QAM	8	0	17.83	17.85	18.26		
3	64QAM	8	4	17.87	18.18	18.06	19.7	0
3	64QAM	8	7	18.07	17.94	18.05		
3	64QAM	15	0	18.06	18.21	17.82		
3	256QAM	1	0	17.14	17.01	16.99	18.7	1
3	256QAM	1	8	17.32	16.93	17.14		
3	256QAM	1	14	17.21	17.01	17.17		
3	256QAM	8	0	17.00	16.94	17.14		
3	256QAM	8	4	17.12	17.20	17.07	18.7	1
3	256QAM	8	7	16.84	17.09	16.95		
3	256QAM	15	0	17.10	16.92	16.98		
Channel				131975	132322	132685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.09	18.14	18.26	19.7	0
1.4	QPSK	1	3	17.95	17.97	18.12		
1.4	QPSK	1	5	18.12	17.94	17.97		
1.4	QPSK	3	0	17.97	18.17	18.17		
1.4	QPSK	3	1	18.12	17.87	17.93		
1.4	QPSK	3	3	18.00	18.01	17.94		
1.4	QPSK	6	0	18.02	18.19	18.18	19.7	0
1.4	16QAM	1	0	17.89	18.13	18.06	19.7	0
1.4	16QAM	1	3	17.89	18.10	17.91		
1.4	16QAM	1	5	18.15	17.96	17.97		
1.4	16QAM	3	0	17.98	17.96	18.14		
1.4	16QAM	3	1	18.06	18.05	18.12		
1.4	16QAM	3	3	17.99	18.07	17.97		
1.4	16QAM	6	0	17.83	18.25	17.90	19.7	0
1.4	64QAM	1	0	18.16	17.97	18.11	19.7	0
1.4	64QAM	1	3	18.04	18.11	17.98		
1.4	64QAM	1	5	17.99	17.87	18.15		
1.4	64QAM	3	0	17.90	17.85	18.20		
1.4	64QAM	3	1	18.08	18.07	18.10		
1.4	64QAM	3	3	18.02	18.12	17.96		
1.4	64QAM	6	0	17.85	18.16	17.86	19.7	0
1.4	256QAM	1	0	17.05	17.14	17.14	18.7	1
1.4	256QAM	1	3	17.17	16.92	17.09		
1.4	256QAM	1	5	17.14	16.96	17.33		
1.4	256QAM	3	0	16.99	17.05	17.04		
1.4	256QAM	3	1	17.11	17.03	17.18		
1.4	256QAM	3	3	16.97	17.08	16.87		
1.4	256QAM	6	0	16.97	17.07	16.90	18.7	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	22.05	22.06	21.90	23.6	0
20	QPSK	1	49	21.86	21.96	21.90		
20	QPSK	1	99	21.92	21.92	21.87		
20	QPSK	50	0	21.96	22.04	21.73	23.6	0
20	QPSK	50	24	21.89	22.00	21.73		
20	QPSK	50	50	21.89	21.86	21.78		
20	QPSK	100	0	21.99	22.00	21.83		
20	16QAM	1	0	21.93	21.98	21.86	23.6	0
20	16QAM	1	49	21.96	21.98	21.77		
20	16QAM	1	99	22.03	22.01	21.73		
20	16QAM	50	0	21.29	21.47	21.29	23.1	0.5
20	16QAM	50	24	21.42	21.45	21.37		
20	16QAM	50	50	21.39	21.45	21.38		
20	16QAM	100	0	21.36	21.54	21.56		
20	64QAM	1	0	21.33	21.39	21.40	23.1	0.5
20	64QAM	1	49	21.36	21.53	21.36		
20	64QAM	1	99	21.27	21.50	21.41		
20	64QAM	50	0	20.63	20.62	20.44	22.1	1.5
20	64QAM	50	24	20.44	20.53	20.50		
20	64QAM	50	50	20.48	20.52	20.54		
20	64QAM	100	0	20.46	20.42	20.49		
20	256QAM	1	0	18.73	18.70	18.75	20.1	3.5
20	256QAM	1	49	18.58	18.63	18.56		
20	256QAM	1	99	18.45	18.37	18.66		
20	256QAM	50	0	18.57	18.61	18.51	20.1	3.5
20	256QAM	50	24	18.73	18.74	18.58		
20	256QAM	50	50	18.66	18.67	18.49		
20	256QAM	100	0	18.64	18.51	18.72		
Channel				37925	38000	38075	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.02	21.97	21.90	23.6	0
15	QPSK	1	37	21.80	21.76	21.88		
15	QPSK	1	74	21.79	21.79	21.71		
15	QPSK	36	0	21.85	22.05	21.67	23.6	0
15	QPSK	36	20	21.84	21.84	21.66		
15	QPSK	36	39	21.87	21.69	21.79		
15	QPSK	75	0	21.78	21.97	21.64		
15	16QAM	1	0	21.84	21.82	21.79	23.6	0
15	16QAM	1	37	21.86	21.96	21.65		
15	16QAM	1	74	22.05	21.95	21.63		
15	16QAM	36	0	21.10	21.33	21.10	23.1	0.5
15	16QAM	36	20	21.42	21.32	21.23		
15	16QAM	36	39	21.20	21.27	21.38		
15	16QAM	75	0	21.36	21.45	21.51		
15	64QAM	1	0	21.26	21.27	21.20	23.1	0.5
15	64QAM	1	37	21.31	21.44	21.20		
15	64QAM	1	74	21.27	21.36	21.27		
15	64QAM	36	0	20.55	20.46	20.28	22.1	1.5
15	64QAM	36	20	20.35	20.55	20.46		
15	64QAM	36	39	20.34	20.38	20.54		
15	64QAM	75	0	20.33	20.34	20.42		
15	256QAM	1	0	18.69	18.52	18.58	20.1	3.5
15	256QAM	1	37	18.54	18.60	18.44		
15	256QAM	1	74	18.31	18.38	18.62		
15	256QAM	36	0	18.37	18.58	18.32	20.1	3.5
15	256QAM	36	20	18.66	18.61	18.51		
15	256QAM	36	39	18.58	18.56	18.45		
15	256QAM	75	0	18.57	18.30	18.60		
Channel				37900	38000	38100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.01	21.92	21.72	23.6	0
10	QPSK	1	25	21.75	21.75	21.82		
10	QPSK	1	49	21.94	21.89	21.78		
10	QPSK	25	0	21.87	22.00	21.72	23.6	0
10	QPSK	25	12	21.89	21.91	21.65		
10	QPSK	25	25	21.69	21.75	21.80		
10	QPSK	50	0	21.90	21.93	21.80		
10	16QAM	1	0	21.76	21.97	21.70	23.6	0
10	16QAM	1	25	21.94	21.98	21.73		
10	16QAM	1	49	21.82	21.93	21.65		
10	16QAM	25	0	21.30	21.27	21.24	23.1	0.5
10	16QAM	25	12	21.32	21.28	21.31		
10	16QAM	25	25	21.21	21.37	21.24		
10	16QAM	50	0	21.23	21.35	21.46		
10	64QAM	1	0	21.25	21.34	21.27	23.1	0.5
10	64QAM	1	25	21.25	21.42	21.14		
10	64QAM	1	49	21.24	21.44	21.23		
10	64QAM	25	0	20.52	20.48	20.38	22.1	1.5
10	64QAM	25	12	20.43	20.39	20.38		
10	64QAM	25	25	20.44	20.36	20.33		
10	64QAM	50	0	20.30	20.32	20.34		
10	256QAM	1	0	18.61	18.57	18.53	20.1	3.5
10	256QAM	1	25	18.38	18.42	18.55		
10	256QAM	1	49	18.24	18.30	18.53		
10	256QAM	25	0	18.56	18.56	18.29	20.1	3.5
10	256QAM	25	12	18.61	18.69	18.57		
10	256QAM	25	25	18.62	18.69	18.33		
10	256QAM	50	0	18.44	18.33	18.56		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.84	21.89	21.75	23.6	0
5	QPSK	1	12	21.76	21.80	21.91		
5	QPSK	1	24	21.93	21.79	21.65		
5	QPSK	12	0	21.89	21.98	21.62	23.6	0
5	QPSK	12	7	21.75	21.99	21.67		
5	QPSK	12	13	21.75	21.73	21.77		
5	QPSK	25	0	21.85	21.79	21.61		
5	16QAM	1	0	21.94	21.93	21.76	23.6	0
5	16QAM	1	12	21.90	21.82	21.61		
5	16QAM	1	24	21.91	21.91	21.63		
5	16QAM	12	0	21.29	21.32	21.19	23.1	0.5
5	16QAM	12	7	21.39	21.39	21.21		
5	16QAM	12	13	21.23	21.46	21.26		
5	16QAM	25	0	21.24	21.40	21.46		
5	64QAM	1	0	21.16	21.27	21.19	23.1	0.5
5	64QAM	1	12	21.29	21.46	21.32		
5	64QAM	1	24	21.11	21.32	21.42		
5	64QAM	12	0	20.43	20.53	20.46	22.1	1.5
5	64QAM	12	7	20.38	20.37	20.44		
5	64QAM	12	13	20.42	20.42	20.49		
5	64QAM	25	0	20.44	20.35	20.34		
5	256QAM	1	0	18.53	18.52	18.74	20.1	3.5
5	256QAM	1	12	18.43	18.44	18.36		
5	256QAM	1	24	18.27	18.28	18.66		
5	256QAM	12	0	18.40	18.62	18.50	20.1	3.5
5	256QAM	12	7	18.55	18.62	18.59		
5	256QAM	12	13	18.47	18.58	18.37		
5	256QAM	25	0	18.57	18.50	18.70		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.67	22.12	22.15	22.03	22.06	23.6	0
20	QPSK	1	49	21.82	21.94	21.97	21.88	21.95		
20	QPSK	1	99	21.99	21.93	22.03	21.96	21.92		
20	QPSK	50	0	21.91	22.06	22.13	21.90	21.86	23.6	0
20	QPSK	50	24	21.63	22.12	22.10	22.04	22.06		
20	QPSK	50	50	22.01	22.09	21.88	21.87	22.03		
20	QPSK	100	0	21.93	21.94	22.01	21.83	22.00		
20	16QAM	1	0	22.01	21.91	22.13	21.99	21.86	23.6	0
20	16QAM	1	49	21.68	22.03	22.07	21.83	22.08		
20	16QAM	1	99	21.93	22.03	21.98	22.02	21.98		
20	16QAM	50	0	21.91	21.94	22.07	21.97	22.02	23.6	0
20	16QAM	50	24	21.99	21.97	22.14	22.05	21.94		
20	16QAM	50	50	21.99	22.12	21.97	22.04	21.85		
20	16QAM	100	0	21.61	22.11	22.11	21.88	21.95		
20	64QAM	1	0	21.67	22.06	22.09	21.92	21.98	23.6	0
20	64QAM	1	49	22.05	21.94	22.02	21.96	21.91		
20	64QAM	1	99	22.00	22.03	21.92	21.88	21.98		
20	64QAM	50	0	21.35	21.31	21.38	21.20	21.31	22.6	1
20	64QAM	50	24	21.32	21.32	21.30	21.25	21.49		
20	64QAM	50	50	21.12	21.34	21.33	21.43	21.35		
20	64QAM	100	0	21.29	21.35	21.32	21.44	21.33		
20	256QAM	1	0	19.35	19.23	19.37	19.34	19.25	20.6	3
20	256QAM	1	49	19.46	19.29	19.39	19.26	19.46		
20	256QAM	1	99	19.37	19.26	19.40	19.38	19.17		
20	256QAM	50	0	19.28	19.33	19.35	19.35	19.20	20.6	3
20	256QAM	50	24	19.25	19.36	19.30	19.36	19.28		
20	256QAM	50	50	19.32	19.32	19.26	19.22	19.28		
20	256QAM	100	0	19.39	19.23	19.42	19.45	19.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.04	22.09	22.13	21.81	21.97	24	0
15	QPSK	1	37	21.66	21.95	21.77	21.66	21.77		
15	QPSK	1	74	21.82	21.78	22.04	21.87	21.73		
15	QPSK	36	0	21.92	21.90	22.07	21.89	21.77	23.6	0
15	QPSK	36	20	22.10	22.04	21.92	21.89	21.93		
15	QPSK	36	39	21.98	21.93	21.87	21.75	22.00		
15	QPSK	75	0	21.85	21.72	21.94	21.66	21.91		
15	16QAM	1	0	21.95	21.74	22.07	21.93	21.78	23.6	0
15	16QAM	1	37	22.13	22.03	21.91	22.09	21.96		
15	16QAM	1	74	22.09	22.01	21.85	21.92	21.79		
15	16QAM	36	0	21.70	21.88	22.04	21.86	21.91	23.6	0
15	16QAM	36	20	21.87	21.85	21.95	22.00	21.93		
15	16QAM	36	39	21.88	22.10	21.88	22.03	21.68		
15	16QAM	75	0	22.12	22.02	22.11	21.68	21.88		
15	64QAM	1	0	22.06	22.03	21.94	21.79	21.82	23.6	0
15	64QAM	1	37	21.84	21.91	21.82	21.83	21.92		
15	64QAM	1	74	21.83	21.99	21.70	21.80	21.83		
15	64QAM	36	0	21.32	21.22	21.35	21.09	21.30	22.6	1
15	64QAM	36	20	21.11	21.15	21.15	21.19	21.42		
15	64QAM	36	39	21.13	21.17	21.18	21.45	21.22		
15	64QAM	75	0	21.28	21.23	21.15	21.32	21.33		
15	256QAM	1	0	19.17	19.15	19.31	19.15	19.16	20.6	3
15	256QAM	1	37	19.25	19.19	19.40	19.26	19.34		
15	256QAM	1	74	19.38	19.14	19.29	19.21	19.13		
15	256QAM	36	0	19.15	19.20	19.23	19.17	19.19	20.6	3
15	256QAM	36	20	19.07	19.15	19.21	19.26	19.14		
15	256QAM	36	39	19.25	19.31	19.09	19.04	19.07		
15	256QAM	75	0	19.23	19.15	19.25	19.26	19.20		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.02	22.09	21.94	21.88	22.02	24	0
10	QPSK	1	25	21.80	21.77	21.77	21.68	21.76		
10	QPSK	1	49	21.86	21.86	21.94	21.96	21.84		
10	QPSK	25	0	21.79	21.97	22.12	21.90	21.79	23.6	0
10	QPSK	25	12	21.63	21.97	21.96	21.90	22.03		
10	QPSK	25	25	22.01	21.99	21.79	21.74	21.99		
10	QPSK	50	0	21.94	21.77	21.95	21.69	21.88		
10	16QAM	1	0	21.93	21.88	22.02	21.98	21.75	23.6	0
10	16QAM	1	25	21.66	21.92	21.86	21.77	21.99		
10	16QAM	1	49	21.89	21.98	21.94	21.88	21.97		
10	16QAM	25	0	21.91	21.90	22.03	21.84	22.01	23.6	0
10	16QAM	25	12	21.99	21.95	21.96	22.05	21.83		
10	16QAM	25	25	21.95	21.96	21.86	21.94	21.66		
10	16QAM	50	0	22.10	21.98	21.97	21.82	21.79	23.6	0
10	64QAM	1	0	22.00	21.96	22.08	21.78	21.79		
10	64QAM	1	25	22.06	21.83	21.94	21.83	21.81		
10	64QAM	1	49	21.84	21.98	21.78	21.71	21.98		
10	64QAM	25	0	21.31	21.31	21.36	20.99	21.16	22.6	1
10	64QAM	25	12	21.19	21.15	21.24	21.23	21.36		
10	64QAM	25	25	21.02	21.35	21.16	21.23	21.20		
10	64QAM	50	0	21.13	21.30	21.15	21.39	21.35		
10	256QAM	1	0	19.28	19.21	19.28	19.34	19.23	20.6	3
10	256QAM	1	25	19.44	19.18	19.23	19.21	19.24		
10	256QAM	1	49	19.19	19.06	19.42	19.35	19.17		
10	256QAM	25	0	19.19	19.12	19.33	19.23	19.00	20.6	3
10	256QAM	25	12	19.08	19.25	19.28	19.27	19.17		
10	256QAM	25	25	19.25	19.26	19.17	19.03	19.13		
10	256QAM	50	0	19.36	19.20	19.20	19.34	19.19		
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	22.12	22.07	21.92	22.02	22.06	24	0
5	QPSK	1	12	21.66	21.73	21.86	21.83	21.92		
5	QPSK	1	24	21.85	21.94	21.95	21.86	21.87		
5	QPSK	12	0	21.72	22.04	22.05	21.68	21.73	23.6	0
5	QPSK	12	7	22.02	21.92	21.95	21.94	21.92		
5	QPSK	12	13	21.99	21.89	21.74	21.72	21.95		
5	QPSK	25	0	21.93	21.83	22.02	21.77	21.80		
5	16QAM	1	0	21.93	21.79	22.07	21.97	21.79	23.6	0
5	16QAM	1	12	21.95	21.83	21.91	21.62	21.89		
5	16QAM	1	24	21.91	21.85	21.82	21.83	21.88		
5	16QAM	12	0	21.77	21.90	22.04	21.93	21.81	23.6	0
5	16QAM	12	7	21.87	21.90	21.96	22.06	21.84		
5	16QAM	12	13	21.92	21.95	21.82	21.91	21.86		
5	16QAM	25	0	22.14	21.98	22.13	21.68	21.81		
5	64QAM	1	0	22.13	22.01	22.01	21.77	21.88	23.6	0
5	64QAM	1	12	21.91	21.78	21.91	21.94	21.70		
5	64QAM	1	24	21.91	21.95	21.86	21.82	21.79		
5	64QAM	12	0	21.24	21.11	21.26	21.21	21.22	22.6	1
5	64QAM	12	7	21.26	21.29	21.28	21.14	21.39		
5	64QAM	12	13	21.07	21.22	21.16	21.36	21.30		
5	64QAM	25	0	21.21	21.31	21.14	21.42	21.29		
5	256QAM	1	0	19.33	19.19	19.30	19.31	19.22	20.6	3
5	256QAM	1	12	19.38	19.08	19.39	19.27	19.30		
5	256QAM	1	24	19.25	19.16	19.37	19.24	19.16		
5	256QAM	12	0	19.08	19.28	19.26	19.21	18.98	20.6	3
5	256QAM	12	7	19.03	19.16	19.10	19.14	19.27		
5	256QAM	12	13	19.32	19.30	19.13	19.09	19.25		
5	256QAM	25	0	19.40	19.06	19.29	19.23	19.26		

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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	23.76	23.85	23.88	23.80	23.81	25	0
20	QPSK	1	49	23.63	23.84	23.86	23.80	23.66		
20	QPSK	1	99	23.73	23.66	23.68	23.62	23.69		
20	QPSK	50	0	23.54	23.80	23.85	23.71	23.83	25	0
20	QPSK	50	24	23.58	23.83	23.73	23.82	23.82		
20	QPSK	50	50	23.78	23.70	23.70	23.66	23.82		
20	QPSK	100	0	23.73	23.67	23.80	23.62	23.76		
20	16QAM	1	0	23.64	23.83	23.84	23.76	23.80	25	0
20	16QAM	1	49	23.60	23.72	23.83	23.64	23.65		
20	16QAM	1	99	23.57	23.69	23.81	23.70	23.65		
20	16QAM	50	0	23.69	23.86	23.86	23.80	23.77	25	0
20	16QAM	50	24	23.58	23.87	23.78	23.60	23.76		
20	16QAM	50	50	23.72	23.74	23.72	23.59	23.76		
20	16QAM	100	0	23.65	23.84	23.87	23.59	23.62		
20	64QAM	1	0	23.74	23.78	23.72	23.68	23.66	25	0
20	64QAM	1	49	23.67	23.66	23.66	23.69	23.60		
20	64QAM	1	99	23.58	23.66	23.75	23.73	23.80		
20	64QAM	50	0	23.59	23.78	23.72	23.74	23.62	25	0
20	64QAM	50	24	23.73	23.84	23.71	23.77	23.70		
20	64QAM	50	50	23.62	23.80	23.78	23.58	23.69		
20	64QAM	100	0	23.66	23.69	23.79	23.73	23.66		
20	256QAM	1	0	22.33	22.43	22.48	22.58	22.24	23.5	1.5
20	256QAM	1	49	22.43	22.20	22.33	22.33	22.35		
20	256QAM	1	99	22.37	22.33	22.36	22.34	22.52		
20	256QAM	50	0	22.25	22.32	22.31	22.30	22.49	23.5	1.5
20	256QAM	50	24	22.47	22.39	22.30	22.40	22.32		
20	256QAM	50	50	22.39	22.39	22.48	22.33	22.25		
20	256QAM	100	0	22.38	22.50	22.38	22.37	22.38		
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	23.74	23.87	23.77	23.65	23.64	25	0
15	QPSK	1	37	23.50	23.67	23.79	23.78	23.67		
15	QPSK	1	74	23.65	23.53	23.61	23.43	23.56		
15	QPSK	36	0	23.55	23.71	23.63	23.53	23.75	25	0
15	QPSK	36	20	23.36	23.80	23.56	23.74	23.84		
15	QPSK	36	39	23.73	23.59	23.58	23.47	23.74		
15	QPSK	75	0	23.74	23.55	23.60	23.43	23.66		
15	16QAM	1	0	23.52	23.65	23.85	23.75	23.61	25	0
15	16QAM	1	37	23.60	23.67	23.68	23.49	23.44		
15	16QAM	1	74	23.37	23.63	23.67	23.68	23.60		
15	16QAM	36	0	23.55	23.64	23.80	23.66	23.76	25	0
15	16QAM	36	20	23.42	23.79	23.66	23.52	23.76		
15	16QAM	36	39	23.56	23.70	23.54	23.48	23.62		
15	16QAM	75	0	23.47	23.66	23.67	23.37	23.64		
15	64QAM	1	0	23.53	23.70	23.53	23.54	23.59	25	0
15	64QAM	1	37	23.64	23.49	23.61	23.67	23.54		
15	64QAM	1	74	23.37	23.52	23.66	23.72	23.61		
15	64QAM	36	0	23.45	23.72	23.70	23.70	23.59	25	0
15	64QAM	36	20	23.51	23.76	23.67	23.63	23.62		
15	64QAM	36	39	23.45	23.80	23.66	23.51	23.49		
15	64QAM	75	0	23.47	23.60	23.68	23.57	23.63		
15	256QAM	1	0	22.26	22.44	22.35	22.41	22.18	23.5	1.5
15	256QAM	1	37	22.29	22.21	22.15	22.23	22.37		
15	256QAM	1	74	22.39	22.30	22.26	22.14	22.53		
15	256QAM	36	0	22.24	22.20	22.17	22.23	22.37	23.5	1.5
15	256QAM	36	20	22.39	22.39	22.13	22.28	22.11		
15	256QAM	36	39	22.37	22.20	22.48	22.20	22.08		
15	256QAM	75	0	22.31	22.42	22.35	22.37	22.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.67	23.63	23.66	23.72	23.73	25	0
10	QPSK	1	25	23.56	23.69	23.75	23.65	23.61		
10	QPSK	1	49	23.61	23.45	23.51	23.63	23.50		
10	QPSK	25	0	23.47	23.66	23.67	23.50	23.74	25	0
10	QPSK	25	12	23.37	23.61	23.59	23.84	23.75		
10	QPSK	25	25	23.64	23.50	23.66	23.58	23.79		
10	QPSK	50	0	23.72	23.66	23.61	23.56	23.76		
10	16QAM	1	0	23.59	23.83	23.75	23.62	23.79	25	0
10	16QAM	1	25	23.49	23.55	23.77	23.59	23.59		
10	16QAM	1	49	23.44	23.65	23.64	23.70	23.57		
10	16QAM	25	0	23.59	23.67	23.67	23.64	23.65	25	0
10	16QAM	25	12	23.44	23.79	23.66	23.44	23.69		
10	16QAM	25	25	23.70	23.72	23.50	23.38	23.66		
10	16QAM	50	0	23.49	23.84	23.66	23.47	23.51	25	0
10	64QAM

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.98	22.03	21.87		
20	QPSK	1	49	21.85	21.95	21.91	23	0
20	QPSK	1	99	21.84	21.90	21.85		
20	QPSK	50	0	21.08	21.14	21.01		
20	QPSK	50	24	21.00	21.08	20.99	22	1
20	QPSK	50	50	20.93	21.03	21.00		
20	QPSK	100	0	21.00	21.09	21.00		
20	16QAM	1	0	20.96	21.02	20.97		
20	16QAM	1	49	20.88	20.96	20.82	22	1
20	16QAM	1	99	20.80	20.92	20.79		
20	16QAM	50	0	20.09	20.14	20.08		
20	16QAM	50	24	19.92	20.06	20.01	21	2
20	16QAM	50	50	19.96	20.10	20.05		
20	16QAM	100	0	19.95	20.04	19.93		
20	64QAM	1	0	19.93	20.05	19.92		
20	64QAM	1	49	19.88	19.99	19.95	21	2
20	64QAM	1	99	19.82	19.95	19.87		
20	64QAM	50	0	19.03	19.18	19.12		
20	64QAM	50	24	18.98	19.09	19.03	20	3
20	64QAM	50	50	19.07	19.14	19.08		
20	64QAM	100	0	18.96	19.06	18.98		
20	256QAM	1	0	15.51	15.66	15.60		
20	256QAM	1	49	18.45	18.48	18.38	20	3
20	256QAM	1	99	14.60	14.71	14.66		
20	256QAM	50	0	18.55	18.69	18.65		
20	256QAM	50	24	18.52	18.66	18.60	20	3
20	256QAM	50	50	18.53	18.57	18.42		
20	256QAM	100	0	18.51	18.64	18.60		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.85	21.92	21.75		
15	QPSK	1	37	21.77	21.91	21.82	23	0
15	QPSK	1	74	21.81	21.80	21.79		
15	QPSK	36	0	20.94	21.01	20.94		
15	QPSK	36	20	20.94	20.95	20.95	22	1
15	QPSK	36	39	20.84	20.98	20.92		
15	QPSK	75	0	20.97	21.00	20.86		
15	16QAM	1	0	20.87	20.91	20.83		
15	16QAM	1	37	20.74	20.83	20.73	22	1
15	16QAM	1	74	20.70	20.81	20.74		
15	16QAM	36	0	20.04	20.06	19.99		
15	16QAM	36	20	19.86	19.94	19.91	21	2
15	16QAM	36	39	19.83	19.97	19.94		
15	16QAM	75	0	19.90	19.91	19.81		
15	64QAM	1	0	19.86	19.99	19.78		
15	64QAM	1	37	19.80	19.96	19.84	21	2
15	64QAM	1	74	19.73	19.81	19.76		
15	64QAM	36	0	18.99	19.10	19.05		
15	64QAM	36	20	18.91	19.05	18.91	20	3
15	64QAM	36	39	18.93	19.01	18.99		
15	64QAM	75	0	18.82	18.98	18.85		
15	256QAM	1	0	15.38	15.59	15.46		
15	256QAM	1	37	18.33	18.35	18.29	20	3
15	256QAM	1	74	14.50	14.66	14.54		
15	256QAM	36	0	18.51	18.54	18.62		
15	256QAM	36	20	18.42	18.52	18.48	20	3
15	256QAM	36	39	18.48	18.47	18.32		
15	256QAM	75	0	18.37	18.58	18.52		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.87	21.97	21.76		
10	QPSK	1	25	21.73	21.81	21.87	23	0
10	QPSK	1	49	21.78	21.86	21.76		
10	QPSK	25	0	20.94	21.09	20.86		
10	QPSK	25	12	20.87	21.05	20.85	22	1
10	QPSK	25	25	20.83	20.94	20.93		
10	QPSK	50	0	20.89	20.97	20.93		
10	16QAM	1	0	20.91	20.93	20.94		
10	16QAM	1	25	20.83	20.85	20.70	22	1
10	16QAM	1	49	20.73	20.88	20.74		
10	16QAM	25	0	20.05	19.99	20.02		
10	16QAM	25	12	19.81	20.00	19.93	21	2
10	16QAM	25	25	19.83	20.05	20.01		
10	16QAM	50	0	19.88	19.95	19.80		
10	64QAM	1	0	19.82	19.92	19.77	1	
10	64QAM	1	25	19.82	19.90	19.88	21	2
10	64QAM	1	49	19.72	19.81	19.72		
10	64QAM	25	0	18.90	19.12	19.02		
10	64QAM	25	12	18.85	18.94	18.98	20	3
10	64QAM	25	25	18.95	19.02	18.97		
10	64QAM	50	0	18.90	19.00	18.88		
10	256QAM	1	0	15.39	15.52	15.46		
10	256QAM	1	25	18.37	18.43	18.28	20	3
10	256QAM	1	49	14.55	14.67	14.56		
10	256QAM	25	0	18.46	18.64	18.57		
10	256QAM	25	12	18.42	18.52	18.48	20	3
10	256QAM	25	25	18.43	18.43	18.36		
10	256QAM	50	0	18.36	18.49	18.57		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.94	21.92	21.78		
5	QPSK	1	12	21.75	21.82	21.77	23	0
5	QPSK	1	24	21.80	21.84	21.78		
5	QPSK	12	0	20.96	21.05	20.89		
5	QPSK	12	7	20.94	20.99	20.85	22	1
5	QPSK	12	13	20.78	20.96	20.90		
5	QPSK	25	0	20.90	20.97	20.92		
5	16QAM	1	0	20.83	20.93	20.89		
5	16QAM	1	12	20.79	20.83	20.71	22	1
5	16QAM	1	24	20.67	20.78	20.74		
5	16QAM	12	0	19.96	20.03	20.04		
5	16QAM	12	7	19.83	19.97	19.89	21	2
5	16QAM	12	13	19.91	20.00	19.91		
5	16QAM	25	0	19.87	19.98	19.82		
5	64QAM	1	0	19.79	19.90	19.87		
5	64QAM	1	12	19.75	19.92	19.84	21	2
5	64QAM	1	24	19.67	19.81	19.78		
5	64QAM	12	0	18.93	19.14	19.07		
5	64QAM	12	7	18.91	18.96	18.89	20	3
5	64QAM	12	13	19.01	19.10	18.95		
5	64QAM	25	0	18.93	18.95	18.95		
5	256QAM	1	0	15.48	15.56	15.52		
5	256QAM	1	12	18.34	18.36	18.35	20	3
5	256QAM	1	24	14.56	14.62	14.62		
5	256QAM	12	0	18.50	18.64	18.54		
5	256QAM	12	7	18.43	18.59	18.52	20	3
5	256QAM	12	13	18.46	18.52	18.28		
5	256QAM	25	0	18.42	18.60	18.47		

Band 43_FCC 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				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.02	21.08	20.89		
20	QPSK	1	49	20.91	21.00	20.87	22	0
20	QPSK	1	99	20.89	20.95	20.90		
20	QPSK	50	0	20.09	20.21	20.07		
20	QPSK	50	24	20.03	20.15	20.09	21	1
20	QPSK	50	50	20.04	20.10	20.07		
20	QPSK	100	0	20.07	20.17	20.07		
20	16QAM	1	0	20.01	20.12	20.01		
20	16QAM	1	49	20.02	20.06	19.99	21	1
20	16QAM	1	99	19.97	20.02	19.88		
20	16QAM	50	0	19.02	19.11	19.00		
20	16QAM	50	24	18.94	19.03	18.88	20	2
20	16QAM	50	50	18.94	19.07	19.01		
20	16QAM	100	0	18.92	19.01	18.86		
20	64QAM	1	0	18.79	18.88	18.82		
20	64QAM	1	49	18.78	18.82	18.79	20	2
20	64QAM	1	99	18.68	18.78	18.67		
20	64QAM	50	0	18.17	18.23	18.14		
20	64QAM	50	24	18.05	18.14	18.04	19	3
20	64QAM	50	50	18.10	18.19	18.14		
20	64QAM	100	0	18.02	18.11	18.02		
20	256QAM	1	0	16.64	16.78	16.68		
20	256QAM	1	49	16.69	16.75	16.72	17	5
20	256QAM	1	99	16.64	16.70	16.57		
20	256QAM	50	0	16.61	16.71	16.63		
20	256QAM	50	24	16.49	16.61	16.56	17	5
20	256QAM	50	50	16.63	16.67	16.54		
20	256QAM	100	0	16.52	16.65	16.55		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	20.87	20.98	20.78		
15	QPSK	1	37	20.79	20.93	20.83	22	0
15	QPSK	1	74	20.79	20.89	20.85		
15	QPSK	36	0	20.02	20.15	19.99		
15	QPSK	36	20	19.89	20.01	20.05	21	1
15	QPSK	36	39	19.98	19.95	19.97		
15	QPSK	75	0	19.96	20.04	19.98		
15	16QAM	1	0	19.88	19.97	19.92		
15	16QAM	1	37	19.96	19.94	19.87	21	1
15	16QAM	1	74	19.92	19.94	19.76		
15	16QAM	36	0	18.93	18.99	18.95		
15	16QAM	36	20	18.91	18.93	18.77	20	2
15	16QAM	36	39	18.80	18.93	18.97		
15	16QAM	75	0	18.88	18.90	18.79		
15	64QAM	1	0	18.72	18.80	18.71		
15	64QAM	1	37	18.73	18.74	18.73	20	2
15	64QAM	1	74	18.56	18.66	18.56		
15	64QAM	36	0	18.13	18.13	18.08		
15	64QAM	36	20	17.95	18.08	17.94	19	3
15	64QAM	36	39	18.05	18.08	18.06		
15	64QAM	75	0	17.93	17.99	17.92		
15	256QAM	1	0	16.55	16.74	16.63		
15	256QAM	1	37	16.59	16.68	16.67	17	5
15	256QAM	1	74	16.50	16.59	16.47		
15	256QAM	36	0	16.56	16.62	16.52		
15	256QAM	36	20	16.42	16.52	16.53	17	5
15	256QAM	36	39	16.53	16.57	16.47		
15	256QAM	75	0	16.49	16.52	16.50		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	20.95	21.00	20.83		
10	QPSK	1	25	20.83	20.91	20.84	22	0
10	QPSK	1	49	20.85	20.89	20.81		
10	QPSK	25	0	19.95	20.17	20.01		
10	QPSK	25	12	19.88	20.10	20.01	21	1
10	QPSK	25	25	19.91	20.07	19.97		
10	QPSK	50	0	19.99	20.08	19.95		
10	16QAM	1	0	19.89	19.97	19.93		
10	16QAM	1	25	19.89	19.97	19.88	21	1
10	16QAM	1	49	19.86	19.89	19.79		
10	16QAM	25	0	18.97	19.01	18.94		
10	16QAM	25	12	18.79	18.95	18.80	20	2
10	16QAM	25	25	18.85	19.02	18.95		
10	16QAM	50	0	18.81	18.87	18.76		
10	64QAM	1	0	18.71	18.85	18.75		
10	64QAM	1	25	18.72	18.75	18.72	20	2
10	64QAM	1	49	18.64	18.72	18.63		
10	64QAM	25	0	18.07	18.17	18.06		
10	64QAM	25	12	17.96	18.09	18.00	19	3
10	64QAM	25	25	18.00	18.08	18.07		
10	64QAM	50	0	17.95	17.99	17.87		
10	256QAM	1	0	16.53	16.70	16.64		
10	256QAM	1	25	16.60	16.64	16.63	17	5
10	256QAM	1	49	16.57	16.63	16.51		
10	256QAM	25	0	16.49	16.63	16.52		
10	256QAM	25	12	16.36	16.51	16.44	17	5
10	256QAM	25	25	16.51	16.58	16.47		
10	256QAM	50	0	16.46	16.56	16.41		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	20.95	20.99	20.83		
5	QPSK	1	12	20.85	20.89	20.75	22	0
5	QPSK	1	24	20.80	20.81	20.77		
5	QPSK	12	0	20.01	20.15	20.02		
5	QPSK	12	7	19.88	20.11	19.98	21	1
5	QPSK	12	13	19.94	19.98	20.00		
5	QPSK	25	0	20.03	20.11	19.92		
5	16QAM	1	0	19.93	20.04	19.95		
5	16QAM	1	12	19.93	19.98	19.95	21	1
5	16QAM	1	24	19.93	19.96	19.75		
5	16QAM	12	0	18.96	19.08	18.85		
5	16QAM	12	7	18.87	18.97	18.85	20	2
5	16QAM	12	13	18.79	18.93	18.94		
5	16QAM	25	0	18.78	18.92	18.75		
5	64QAM	1	0	18.75	18.77	18.73		
5	64QAM	1	12	18.70	18.74	18.67	20	2
5	64QAM	1	24	18.54	18.64	18.61		
5	64QAM	12	0	18.04	18.12	18.00		
5	64QAM	12	7	18.00	18.05	17.98	19	3
5	64QAM	12	13	18.01	18.10	18.04		
5	64QAM	25	0	17.87	18.08	17.95		
5	256QAM	1	0	16.60	16.73	16.63		
5	256QAM	1	12	16.54	16.62	16.57	17	5
5	256QAM	1	24	16.57	16.65	16.51		
5	256QAM	12	0	16.56	16.59	16.55		
5	256QAM	12	7	16.40	16.46	16.43	17	5
5	256QAM	12	13	16.59	16.53	16.45		
5	256QAM	25	0	16.39	16.61	16.49		

Band 48_FCC Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.68	19.74	19.36	18.85		
20	QPSK	1	49	21.70	21.62	21.37	21.08	23	0
20	QPSK	1	99	21.57	19.48	18.98	18.79		
20	QPSK	50	0	21.68	20.62	20.57	20.19		
20	QPSK	50	24	20.66	20.57	20.50	20.22	22	1
20	QPSK	50	50	20.62	20.59	20.41	20.12		
20	QPSK	100	0	20.59	20.51	20.43	20.16		
20	16QAM	1	0	20.49	18.27	18.17	18.13		
20	16QAM	1	49	20.40	20.46	20.39	20.32	22	1
20	16QAM	1	99	19.10	17.87	17.82	17.73		
20	16QAM	50	0	19.66	19.69	19.55	19.66		
20	16QAM	50	24	19.31	19.36	19.29	19.27	21	2
20	16QAM	50	50	19.17	19.32	19.27	19.28		
20	16QAM	100	0	19.56	19.62	19.54	19.57		
20	64QAM	1	0	18.21	17.55	17.47	17.45		
20	64QAM	1	49	19.61	19.68	19.57	19.63	21	2
20	64QAM	1	99	18.06	17.36	17.27	17.26		
20	64QAM	50	0	18.59	18.71	18.59	18.58		
20	64QAM	50	24	18.50	18.56	18.45	18.46	20	3
20	64QAM	50	50	18.53	18.64	18.52	18.58		
20	64QAM	100	0	18.55	18.61	18.50	18.58		
20	256QAM	1	0	15.11	14.40	14.31	14.27		
20	256QAM	1	49	17.65	17.32	17.24	17.21	18	5
20	256QAM	1	99	15.09	14.24	14.12	14.17		
20	256QAM	50	0	17.10	17.23	17.16	17.09		
20	256QAM	50	24	17.15	17.19	17.05	17.16	18	5
20	256QAM	50	50	17.07	17.21	17.17	17.07		
20	256QAM	100	0	17.06	17.13	17.01	17.04		
Channel				55315	55820	56140	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.55	19.47	18.95	18.45		
15	QPSK	1	37	21.56	21.52	21.30	21.02	23	0
15	QPSK	1	74	21.51	19.24	18.77	18.41		
15	QPSK	36	0	20.66	20.56	20.50	20.10		
15	QPSK	36	20	20.61	20.53	20.38	20.15	22	1
15	QPSK	36	39	20.52	20.45	20.34	20.01		
15	QPSK	75	0	20.47	20.40	20.32	20.12		
15	16QAM	1	0	20.42	18.22	18.08	18.06		
15	16QAM	1	37	20.33	20.34	20.29	20.24	22	1
15	16QAM	1	74	18.99	17.72	17.69	17.64		
15	16QAM	36	0	19.52	19.63	19.44	19.51		
15	16QAM	36	20	19.25	19.24	19.21	19.16	21	2
15	16QAM	36	39	19.09	19.27	19.15	19.21		
15	16QAM	75	0	19.47	19.56	19.47	19.51		
15	64QAM	1	0	18.15	17.43	17.41	17.32		
15	64QAM	1	37	19.52	19.58	19.47	19.55	21	2
15	64QAM	1	74	18.01	17.26	17.13	17.21		
15	64QAM	36	0	18.49	18.67	18.53	18.49		
15	64QAM	36	20	18.44	18.49	18.35	18.31	20	3
15	64QAM	36	39	18.49	18.52	18.39	18.50		
15	64QAM	75	0	18.41	18.50	18.42	18.49		
15	256QAM	1	0	15.08	14.33	14.19	14.12		
15	256QAM	1	37	17.60	17.20	17.19	17.17	18	5
15	256QAM	1	74	14.96	14.18	13.99	14.05		
15	256QAM	36	0	16.98	17.19	17.04	16.98		
15	256QAM	36	20	17.09	17.13	17.00	17.04	18	5
15	256QAM	36	39	17.01	17.07	17.11	16.95		
15	256QAM	75	0	16.95	17.04	16.97	16.99		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.58	19.36	19.01	18.42		
10	QPSK	1	25	21.48	21.53	21.37	20.95	23	0
10	QPSK	1	49	21.46	19.15	18.77	18.33		
10	QPSK	25	0	20.59	20.55	20.48	20.06		
10	QPSK	25	12	20.59	20.45	20.46	20.15	22	1
10	QPSK	25	25	20.49	20.44	20.27	20.05		
10	QPSK	50	0	20.52	20.42	20.36	20.12		
10	16QAM	1	0	20.37	18.15	18.05	18.05		
10	16QAM	1	25	20.37	20.34	20.25	20.21	22	1
10	16QAM	1	49	19.05	17.76	17.73	17.60		
10	16QAM	25	0	19.54	19.64	19.51	19.59		
10	16QAM	25	12	19.21	19.28	19.22	19.18	21	2
10	16QAM	25	25	19.07	19.25	19.16	19.22		
10	16QAM	50	0	19.42	19.53	19.51	19.54		
10	64QAM	1	0	18.12	17.47	17.40	17.32		
10	64QAM	1	25	19.56	19.57	19.48	19.56	21	2
10	64QAM	1	49	17.98	17.25	17.22	17.16		
10	64QAM	25	0	18.54	18.63	18.51	18.45		
10	64QAM	25	12	18.45	18.51	18.41	18.39	20	3
10	64QAM	25	25	18.45	18.58	18.44	18.53		
10	64QAM	50	0	18.45	18.56	18.42	18.55		
10	256QAM	1	0	15.00	14.33	14.27	14.22		
10	256QAM	1	25	17.61	17.23	17.15	17.12	18	5
10	256QAM	1	49	15.04	14.14	14.01	14.11		
10	256QAM	25	0	16.99	17.17	17.03	17.02		
10	256QAM	25	12	17.03	17.06	17.01	17.04	18	5
10	256QAM	25	25	16.94	17.09	17.11	16.95		
10	256QAM	50	0	16.95	17.05	16.97	16.92		
Channel				55265	55810	56115	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.63	19.46	18.99	18.39		
5	QPSK	1	12	21.48	21.47	21.32	21.03	23	0
5	QPSK	1	24	21.53	19.21	18.74	18.43		
5	QPSK	12	0	20.65	20.51	20.44	20.07		
5	QPSK	12	7	20.58	20.48	20.37	20.12	22	1
5	QPSK	12	13	20.53	20.48	20.30	19.98		
5	QPSK	25	0	20.45	20.42	20.36	20.07		
5	16QAM	1	0	20.38	18.18	18.09	18.00		
5	16QAM	1	12	20.36	20.36	20.30	20.27	22	1
5	16QAM	1	24	19.04	17.82	17.74	17.58		
5	16QAM	12	0	19.57	19.56	19.43	19.51		
5	16QAM	12	7	19.20	19.22	19.20	19.12	21	2
5	16QAM	12	13	19.10	19.27	19.19	19.21		
5	16QAM	25	0	19.48	19.59	19.50	19.53		
5	64QAM	1	0	18.16	17.47	17.39	17.39		
5	64QAM	1	12	19.48	19.56	19.53	19.60	21	2
5	64QAM	1	24	17.94	17.32	17.23	17.11		
5	64QAM	12	0	18.45	18.61	18.50	18.51		
5	64QAM	12	7	18.40	18.43	18.37	18.39	20	3
5	64QAM	12	13	18.41	18.50	18.46	18.43		
5	64QAM	25	0	18.46	18.47	18.39	18.47		
5	256QAM	1	0	15.04	14.29	14.21	14.18		
5	256QAM	1	12	17.55	17.21	17.13	17.12	18	5
5	256QAM	1	24	14.97	14.10	14.01	14.04		
5	256QAM	12	0	16.96	17.11	17.08	17.01		
5	256QAM	12	7	17.08	17.04	16.93	17.01	18	5
5	256QAM	12	13	16.93	17.15	17.09	16.95		
5	256QAM	25	0	17.01	17.05	16.91	16.98		

GSM1900 Ant2 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.24	30.28	30.07	30.50	21.24	21.28	21.07	21.50
GPRS 1 Tx slot	30.27	30.30	30.09	30.50	21.27	21.30	21.09	21.50
GPRS 2 Tx slots	28.35	28.29	28.29	29.50	22.35	22.29	22.29	23.50
GPRS 3 Tx slots	26.82	26.82	26.79	28.00	22.56	22.56	22.53	23.74
GPRS 4 Tx slots	24.43	24.47	24.52	25.50	21.43	21.47	21.52	22.50
EDGE 1 Tx slot	25.79	25.74	25.81	26.50	16.79	16.74	16.81	17.50
EDGE 2 Tx slots	24.23	24.26	24.28	25.50	18.23	18.26	18.28	19.50
EDGE 3 Tx slots	23.05	23.12	23.07	24.00	18.79	18.86	18.81	19.74
EDGE 4 Tx slots	21.11	21.10	21.14	22.00	18.11	18.10	18.14	19.00

		WCDMA II Ant2 Default				WCDMA IV Ant2 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.09	23.08	23.07	24.00	22.93	22.85	22.85	24.00
3GPP Rel 99	RMC 12.2Kbps	23.07	23.13	22.98	24.00	22.92	22.97	22.84	24.00
3GPP Rel 6	HSDPA Subtest-1	21.98	22.00	22.01	23.00	22.04	22.02	21.92	23.00
3GPP Rel 6	HSDPA Subtest-2	22.01	22.22	22.02	23.00	22.11	22.15	21.91	23.00
3GPP Rel 6	HSDPA Subtest-3	21.72	21.80	21.63	22.50	21.76	21.81	21.54	22.50
3GPP Rel 6	HSDPA Subtest-4	21.67	21.72	21.54	22.50	21.51	21.68	21.49	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.08	22.21	21.92	23.00	22.09	22.24	21.95	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.13	22.34	22.10	23.00	22.01	22.21	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.38	21.71	21.50	22.50	21.39	21.62	21.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.66	21.54	21.54	22.50	21.74	21.47	21.45	22.50
3GPP Rel 6	HSUPA Subtest-1	21.92	22.21	22.05	23.00	21.96	22.21	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	19.91	20.06	20.14	21.00	20.09	20.19	20.19	21.00
3GPP Rel 6	HSUPA Subtest-3	21.12	21.19	20.93	22.00	21.22	21.14	20.93	22.00
3GPP Rel 6	HSUPA Subtest-4	19.94	20.20	19.96	21.00	20.05	20.06	20.05	21.00
3GPP Rel 6	HSUPA Subtest-5	22.03	21.99	21.93	23.00	21.99	22.04	21.99	23.00

Band 2 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.48	21.54	21.52	23	0
20	QPSK	1	49	21.47	21.45	21.43		
20	QPSK	1	99	21.46	21.52	21.38		
20	QPSK	50	0	21.45	21.51	21.49		
20	QPSK	50	24	21.36	21.40	21.47	23	0
20	QPSK	50	50	21.44	21.47	21.44		
20	QPSK	100	0	21.39	21.40	21.42		
20	16QAM	1	0	21.34	21.43	21.41		
20	16QAM	1	49	21.23	21.35	21.26	23	0
20	16QAM	1	99	21.37	21.39	21.27		
20	16QAM	50	0	20.75	20.76	20.85		
20	16QAM	50	24	20.86	20.77	20.85	22.5	0.5
20	16QAM	50	50	20.81	20.85	20.81		
20	16QAM	100	0	20.81	20.85	20.91		
20	64QAM	1	0	20.70	20.71	20.88		
20	64QAM	1	49	20.84	20.84	20.88	22.5	0.5
20	64QAM	1	99	20.88	20.87	20.77		
20	64QAM	50	0	19.81	19.75	19.87		
20	64QAM	50	24	19.82	19.76	19.82	21.5	1.5
20	64QAM	50	50	19.87	19.77	19.82		
20	64QAM	100	0	19.79	19.87	19.77		
20	256QAM	1	0	18.09	17.92	17.94		
20	256QAM	1	49	18.09	18.08	17.95	19.5	3.5
20	256QAM	1	99	18.07	17.96	18.07		
20	256QAM	50	0	17.98	17.93	17.93		
20	256QAM	50	24	18.06	18.08	18.08	19.5	3.5
20	256QAM	50	50	18.08	17.93	18.10		
20	256QAM	100	0	18.08	18.06	18.05		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.33	21.43	21.46	23	0
15	QPSK	1	37	21.39	21.29	21.35		
15	QPSK	1	74	21.33	21.50	21.24		
15	QPSK	36	0	21.29	21.48	21.37		
15	QPSK	36	20	21.33	21.29	21.36	23	0
15	QPSK	36	39	21.26	21.42	21.31		
15	QPSK	75	0	21.36	21.33	21.37		
15	16QAM	1	0	21.31	21.33	21.36		
15	16QAM	1	37	21.18	21.28	21.11	23	0
15	16QAM	1	74	21.34	21.22	21.25		
15	16QAM	36	0	20.63	20.78	20.69		
15	16QAM	36	20	20.84	20.73	20.83	22.5	0.5
15	16QAM	36	39	20.80	20.85	20.70		
15	16QAM	75	0	20.75	20.76	20.89		
15	64QAM	1	0	20.52	20.70	20.81		
15	64QAM	1	37	20.74	20.71	20.74	22.5	0.5
15	64QAM	1	74	20.75	20.85	20.75		
15	64QAM	36	0	19.69	19.74	19.86		
15	64QAM	36	20	19.72	19.68	19.70	21.5	1.5
15	64QAM	36	39	19.79	19.60	19.68		
15	64QAM	75	0	19.70	19.73	19.63		
15	256QAM	1	0	17.90	17.78	17.84		
15	256QAM	1	37	17.96	17.92	17.92	19.5	3.5
15	256QAM	1	74	17.88	17.91	18.04		
15	256QAM	36	0	17.83	17.73	17.77		
15	256QAM	36	20	17.88	18.02	17.97	19.5	3.5
15	256QAM	36	39	18.07	17.75	17.91		
15	256QAM	75	0	18.03	17.91	17.88		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.37	21.49	21.36	23	0
10	QPSK	1	25	21.28	21.41	21.39		
10	QPSK	1	49	21.26	21.40	21.22		
10	QPSK	25	0	21.40	21.43	21.47		
10	QPSK	25	12	21.22	21.24	21.46	23	0
10	QPSK	25	25	21.42	21.42	21.26		
10	QPSK	50	0	21.34	21.26	21.40		
10	16QAM	1	0	21.33	21.41	21.24		
10	16QAM	1	25	21.18	21.29	21.14	23	0
10	16QAM	1	49	21.19	21.31	21.22		
10	16QAM	25	0	20.60	20.82	20.73		
10	16QAM	25	12	20.69	20.62	20.70	22.5	0.5
10	16QAM	25	25	20.74	20.65	20.73		
10	16QAM	50	0	20.67	20.76	20.78		
10	64QAM	1	0	20.55	20.63	20.85		
10	64QAM	1	25	20.65	20.67	20.78	22.5	0.5
10	64QAM	1	49	20.84	20.71	20.73		
10	64QAM	25	0	19.63	19.67	19.68		
10	64QAM	25	12	19.78	19.67	19.68	21.5	1.5
10	64QAM	25	25	19.73	19.73	19.76		
10	64QAM	50	0	19.61	19.80	19.73		
10	256QAM	1	0	18.03	17.90	17.80		
10	256QAM	1	25	18.03	17.96	17.95	19.5	3.5
10	256QAM	1	49	17.94	17.78	18.01		
10	256QAM	25	0	17.96	17.90	17.87		
10	256QAM	25	12	17.99	17.92	17.82	19.5	3.5
10	256QAM	25	25	17.95	17.81	17.94		
10	256QAM	50	0	18.06	17.87	17.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.32	21.43	21.39	23	0
5	QPSK	1	12	21.28	21.37	21.24		
5	QPSK	1	24	21.41	21.39	21.31		
5	QPSK	12	0	21.27	21.33	21.46	23	0
5	QPSK	12	7	21.20	21.35	21.29		
5	QPSK	12	13	21.44	21.38	21.40		
5	QPSK	25	0	21.23	21.45	21.22		
5	16QAM	1	0	21.27	21.43	21.36	23	0
5	16QAM	1	12	21.19	21.28	21.13		
5	16QAM	1	24	21.27	21.25	21.15		
5	16QAM	12	0	20.67	20.89	20.78		
5	16QAM	12	7	20.69	20.58	20.66	22.5	0.5
5	16QAM	12	13	20.79	20.73	20.70		
5	16QAM	25	0	20.74	20.79	20.72		
5	64QAM	1	0	20.65	20.56	20.76		
5	64QAM	1	12	20.78	20.70	20.77	22.5	0.5
5	64QAM	1	24	20.72	20.69	20.73		
5	64QAM	12	0	19.66	19.58	19.81		
5	64QAM	12	7	19.65	19.57	19.77	21.5	1.5
5	64QAM	12	13	19.83	19.76	19.67		
5	64QAM	25	0	19.64	19.71	19.69		
5	256QAM	1	0	17.90	17.85	17.78		
5	256QAM	1	12	18.01	17.98	17.94	19.5	3.5
5	256QAM	1	24	17.98	17.86	17.95		
5	256QAM	12	0	17.84	17.83	17.91		
5	256QAM	12	7	17.90	18.07	18.06	19.5	3.5
5	256QAM	12	13	17.96	17.84	18.03		
5	256QAM	25	0	17.92	17.92	18.02		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.39	21.43	21.50	23	0
3	QPSK	1	8	21.44	21.31	21.28		
3	QPSK	1	14	21.43	21.50	21.23		
3	QPSK	8	0	21.41	21.41	21.30		
3	QPSK	8	4	21.34	21.31	21.45	23	0
3	QPSK	8	7	21.29	21.45	21.24		
3	QPSK	15	0	21.36	21.34	21.35		
3	16QAM	1	0	21.30	21.23	21.24		
3	16QAM	1	8	21.09	21.26	21.22	23	0
3	16QAM	1	14	21.25	21.24	21.11		
3	16QAM	8	0	20.62	20.76	20.80		
3	16QAM	8	4	20.73	20.73	20.85	22.5	0.5
3	16QAM	8	7	20.74	20.77	20.63		
3	16QAM	15	0	20.69	20.74	20.81		
3	64QAM	1	0	20.59	20.62	20.80		
3	64QAM	1	8	20.69	20.67	20.78	22.5	0.5
3	64QAM	1	14	20.69	20.77	20.59		
3	64QAM	8	0	19.62	19.73	19.84		
3	64QAM	8	4	19.67	19.59	19.76	21.5	1.5
3	64QAM	8	7	19.62	19.76	19.69		
3	64QAM	15	0	19.62	19.76	19.63		
3	256QAM	1	0	17.97	17.75	17.79		
3	256QAM	1	8	18.05	17.94	17.93	19.5	3.5
3	256QAM	1	14	17.99	17.87	17.95		
3	256QAM	8	0	17.78	17.88	17.88		
3	256QAM	8	4	17.91	18.07	17.92	19.5	3.5
3	256QAM	8	7	17.95	17.91	17.95		
3	256QAM	15	0	17.96	17.92	17.87		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.32	21.44	21.46	23	0
1.4	QPSK	1	3	21.30	21.52	21.43		
1.4	QPSK	1	5	21.43	21.44	21.39		
1.4	QPSK	3	0	21.31	21.47	21.37		
1.4	QPSK	3	1	21.47	21.50	21.39		
1.4	QPSK	3	3	21.28	21.41	21.42		
1.4	QPSK	6	0	21.35	21.47	21.46	23	0
1.4	16QAM	1	0	21.31	21.36	21.46		
1.4	16QAM	1	3	21.37	21.39	21.33		
1.4	16QAM	1	5	21.35	21.36	21.42	23	0
1.4	16QAM	3	0	21.39	21.48	21.48		
1.4	16QAM	3	1	21.37	21.43	21.38		
1.4	16QAM	3	3	21.47	21.47	21.36		
1.4	16QAM	6	0	20.79	20.69	20.73	22.5	0.5
1.4	64QAM	1	0	20.78	20.66	20.72		
1.4	64QAM	1	3	20.73	20.59	20.65		
1.4	64QAM	1	5	20.77	20.58	20.74	22.5	0.5
1.4	64QAM	3	0	20.77	20.58	20.74		
1.4	64QAM	3	1	20.80	20.66	20.83		
1.4	64QAM	3	3	20.83	20.59	20.82		
1.4	64QAM	6	0	19.80	19.69	19.67	21.5	1.5
1.4	256QAM	1	0	18.73	18.71	18.69		
1.4	256QAM	1	3	18.55	18.58	18.64		
1.4	256QAM	1	5	18.57	18.57	18.73	19.5	3.5
1.4	256QAM	3	0	18.47	18.50	18.58		
1.4	256QAM	3	1	18.58	18.58	18.48		
1.4	256QAM	3	3	18.63	18.65	18.56		
1.4	256QAM	6	0	18.51	18.60	18.48	19.5	3.5

Band 4 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.40	21.43	21.41	23	0
20	QPSK	1	49	21.40	21.31	21.27		
20	QPSK	1	99	21.37	21.48	21.24		
20	QPSK	50	0	21.32	21.39	21.31		
20	QPSK	50	24	21.31	21.38	21.30	23	0
20	QPSK	50	50	21.35	21.32	21.29		
20	QPSK	100	0	21.33	21.36	21.28		
20	16QAM	1	0	21.17	21.39	21.22		
20	16QAM	1	49	21.21	21.17	21.21	23	0
20	16QAM	1	99	21.31	21.31	21.24		
20	16QAM	50	0	20.56	20.68	20.74		
20	16QAM	50	24	20.85	20.75	20.82	22.5	0.5
20	16QAM	50	50	20.81	20.72	20.77		
20	16QAM	100	0	20.64	20.66	20.83		
20	64QAM	1	0	20.58	20.62	20.73		
20	64QAM	1	49	20.83	20.80	20.80	22.5	0.5
20	64QAM	1	99	20.78	20.77	20.73		
20	64QAM	50	0	19.80	19.61	19.75		
20	64QAM	50	24	19.65	19.76	19.67	21.5	1.5
20	64QAM	50	50	19.85	19.70	19.63		
20	64QAM	100	0	19.67	19.83	19.69		
20	256QAM	1	0	18.09	17.87	17.83		
20	256QAM	1	49	18.07	17.98	17.81	19.5	3.5
20	256QAM	1	99	17.92	17.85	17.94		
20	256QAM	50	0	17.96	17.80	17.84		
20	256QAM	50	24	18.03	17.95	18.01	19.5	3.5
20	256QAM	50	50	18.00	17.91	18.03		
20	256QAM	100	0	18.07	17.91	18.03		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.29	21.42	21.36	23	0
15	QPSK	1	37	21.38	21.24	21.23		
15	QPSK	1	74	21.27	21.29	21.23		
15	QPSK	36	0	21.12	21.29	21.26		
15	QPSK	36	20	21.31	21.30	21.18	23	0
15	QPSK	36	39	21.24	21.25	21.14		
15	QPSK	75	0	21.25	21.32	21.08		
15	16QAM	1	0	21.12	21.22	21.15		
15	16QAM	1	37	21.14	21.10	21.13	23	0
15	16QAM	1	74	21.28	21.26	21.05		
15	16QAM	36	0	20.65	20.80	20.56		
15	16QAM	36	20	20.79	20.72	20.69	22.5	0.5
15	16QAM	36	39	20.79	20.65	20.61		
15	16QAM	75	0	20.61	20.63	20.72		
15	64QAM	1	0	20.55	20.72	20.65		
15	64QAM	1	37	20.74	20.72	20.65	22.5	0.5
15	64QAM	1	74	20.73	20.65	20.68		
15	64QAM	36	0	19.77	19.56	19.73		
15	64QAM	36	20	19.54	19.75	19.63	21.5	1.5
15	64QAM	36	39	19.79	19.67	19.60		
15	64QAM	75	0	19.64	19.67	19.57		
15	256QAM	1	0	17.89	17.76	17.65		
15	256QAM	1	37	18.06	17.81	17.72	19.5	3.5
15	256QAM	1	74	17.82	17.83	17.91		
15	256QAM	36	0	17.92	17.68	17.84		
15	256QAM	36	20	17.84	17.81	17.82	19.5	3.5
15	256QAM	36	39	17.96	17.81	18.01		
15	256QAM	75	0	17.93	17.84	17.96		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.23	21.26	21.39	23	0
10	QPSK	1	25	21.28	21.13	21.24		
10	QPSK	1	49	21.17	21.22	21.10		
10	QPSK	25	0	21.25	21.31	21.17		
10	QPSK	25	12	21.16	21.36	21.15	23	0
10	QPSK	25	25	21.17	21.22	21.19		
10	QPSK	50	0	21.22	21.22	21.16		
10	16QAM	1	0	21.13	21.21	21.07		
10	16QAM	1	25	21.05	21.07	21.04	23	0
10	16QAM	1	49	21.18	21.17	21.22		
10	16QAM	25	0	20.61	20.71	20.59		
10	16QAM	25	12	20.71	20.67	20.78	22.5	0.5
10	16QAM	25	25	20.76	20.67	20.67		
10	16QAM	50	0	20.62	20.57	20.66		
10	64QAM	1	0	20.54	20.67	20.62		
10	64QAM	1	25	20.81	20.77	20.62	22.5	0.5
10	64QAM	1	49	20.68	20.66	20.65		
10	64QAM	25	0	19.67	19.65	19.57		
10	64QAM	25	12	19.61	19.60	19.62	21.5	1.5
10	64QAM	25	25	19.67	19.53	19.51		
10	64QAM	50	0	19.59	19.73	19.51		
10	256QAM	1	0	17.98	17.71	17.74		
10	256QAM	1	25	17.99	17.96	17.73	19.5	3.5
10	256QAM	1	49	17.84	17.70	17.92		
10	256QAM	25	0	17.95	17.68	17.64		
10	256QAM	25	12	17.90	17.89	17.91	19.5	3.5
10	256QAM	25	25	17.81	17.74	18.04		
10	256QAM	50	0	18.03	17.74	17.83		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.32	21.40	21.24	23	0
5	QPSK	1	12	21.39	21.27	21.14		
5	QPSK	1	24	21.27	21.28	21.15		
5	QPSK	12	0	21.29	21.31	21.16		
5	QPSK	12	7	21.20	21.26	21.27	23	0
5	QPSK	12	13	21.30	21.26	21.21		
5	QPSK	25	0	21.23	21.17	21.26		
5	16QAM	1	0	21.00	21.24	21.17		
5	16QAM	1	12	21.01	21.27	21.18	23	0
5	16QAM	1	24	21.21	21.16	21.07		
5	16QAM	12	0	20.65	20.85	20.64		
5	16QAM	12	7	20.77	20.67	20.63	22.5	0.5
5	16QAM	12	13	20.67	20.61	20.82		
5	16QAM	25	0	20.54	20.50	20.82		
5	64QAM	1	0	20.66	20.58	20.56		
5	64QAM	1	12	20.72	20.77	20.64	22.5	0.5
5	64QAM	1	24	20.68	20.65	20.71		
5	64QAM	12	0	19.80	19.59	19.70		
5	64QAM	12	7	19.60	19.59	19.54	21.5	1.5
5	64QAM	12	13	19.82	19.65	19.63		
5	64QAM	25	0	19.53	19.72	19.53		
5	256QAM	1	0	17.96	17.81	17.71		
5	256QAM	1	12	18.02	17.90	17.79	19.5	3.5
5	256QAM	1	24	17.73	17.74	17.78		
5	256QAM	12	0	17.76	17.80	17.73		
5	256QAM	12	7	17.93	17.92	17.93	19.5	3.5
5	256QAM	12	13	17.99	17.86	17.98		
5	256QAM	25	0	17.95	17.76	17.88		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.24	21.34	21.40	23	0
3	QPSK	1	8	21.30	21.30	21.18		
3	QPSK	1	14	21.27	21.23	21.12		
3	QPSK	8	0	21.31	21.29	21.28		
3	QPSK	8	4	21.21	21.22	21.29	23	0
3	QPSK	8	7	21.23	21.15	21.09		
3	QPSK	15	0	21.25	21.16	21.20		
3	16QAM	1	0	21.09	21.28	21.14		
3	16QAM	1	8	21.07	21.07	21.03	23	0
3	16QAM	1	14	21.16	21.22	21.09		
3	16QAM	8	0	20.66	20.85	20.59		
3	16QAM	8	4	20.66	20.64	20.78	22.5	0.5
3	16QAM	8	7	20.63	20.64	20.60		
3	16QAM	15	0	20.61	20.57	20.67		
3	64QAM	1	0	20.67	20.73	20.63		
3	64QAM	1	8	20.80	20.66	20.81	22.5	0.5
3	64QAM	1	14	20.63	20.70	20.71		
3	64QAM	8	0	19.79	19.67	19.63		
3	64QAM	8	4	19.65	19.69	19.59	21.5	1.5
3	64QAM	8	7	19.66	19.62	19.64		
3	64QAM	15	0	19.52	19.76	19.62		
3	256QAM	1	0	17.95	17.69	17.76		
3	256QAM	1	8	17.97	17.94	17.78	19.5	3.5
3	256QAM	1	14	17.92	17.79	17.84		
3	256QAM	8	0	17.83	17.70	17.80		
3	256QAM	8	4	18.03	17.79	17.99	19.5	3.5
3	256QAM	8	7	17.83	17.78	18.02		
3	256QAM	15	0	17.89	17.78	17.98		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.22	21.35	21.33	23	0
1.4	QPSK	1	3	21.24	21.42	21.35		
1.4	QPSK	1	5	21.36	21.42	21.37		
1.4	QPSK	3	0	21.20	21.25	21.35		
1.4	QPSK	3	1	21.35	21.35	21.28		
1.4	QPSK	3	3	21.27	21.35	21.35		
1.4	QPSK	6	0	21.29	21.38	21.23	23	0
1.4	16QAM	1	0	21.25	21.28	21.30		
1.4	16QAM	1	3	21.33	21.40	21.34		
1.4	16QAM	1	5	21.28	21.30	21.33	23	0
1.4	16QAM	3	0	21.20	21.39	21.41		
1.4	16QAM	3	1	21.23	21.27	21.25		
1.4	16QAM	3	3	21.23	21.29	21.29		
1.4	16QAM	6	0	20.58	20.65	20.66	22.5	0.5
1.4	64QAM	1	0	20.67	20.66	20.66		
1.4	64QAM	1	3	20.62	20.68	20.58		
1.4	64QAM	1	5	20.68	20.52	20.75	22.5	0.5
1.4	64QAM	3	0	20.71	20.63	20.68		
1.4	64QAM	3	1	20.63	20.52	20.74		
1.4	64QAM	3	3	20.65	20.56	20.69		
1.4	64QAM	6	0	19.66	19.50	19.73	21.5	1.5
1.4	256QAM	1	0	18.60	18.55	18.45		
1.4	256QAM	1	3	18.50	18.56	18.45		
1.4	256QAM	1	5	18.55	18.57	18.46	19.5	3.5
1.4	256QAM	3	0	18.52	18.44	18.39		
1.4	256QAM	3	1	18.51	18.50	18.42		
1.4	256QAM	3	3	18.48	18.39	18.55		
1.4	256QAM	6	0	18.49	18.37	18.39	19.5	3.5

Band 7 Ant2 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	21.43	21.58	21.55	22.9	0
20	QPSK	1	49	21.47	21.35	21.30		
20	QPSK	1	99	21.56	21.98	20.77		
20	QPSK	50	0	21.40	21.52	21.46		
20	QPSK	50	24	21.50	21.44	21.34	22.9	0
20	QPSK	50	50	21.47	21.48	21.44		
20	QPSK	100	0	21.36	21.46	21.44		
20	16QAM	1	0	21.18	21.49	21.25		
20	16QAM	1

Band 66 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.40	21.53	21.49	23	0
20	QPSK	1	49	21.42	21.27	21.18		
20	QPSK	1	99	21.37	21.46	21.16		
20	QPSK	50	0	21.24	21.46	21.35	23	0
20	QPSK	50	24	21.22	21.38	21.28		
20	QPSK	50	50	21.38	21.34	21.37		
20	QPSK	100	0	21.33	21.43	21.31		
20	16QAM	1	0	21.07	21.40	21.31	23	0
20	16QAM	1	49	21.16	21.16	21.24		
20	16QAM	1	99	21.36	21.21	21.25		
20	16QAM	50	0	20.56	20.89	20.78	22.5	0.5
20	16QAM	50	24	20.84	20.65	20.77		
20	16QAM	50	50	20.88	20.78	20.75		
20	16QAM	100	0	20.69	20.63	20.76		
20	64QAM	1	0	20.59	20.63	20.78	22.5	0.5
20	64QAM	1	49	20.86	20.73	20.90		
20	64QAM	1	99	20.70	20.82	20.74		
20	64QAM	50	0	19.82	19.55	19.69	21.5	1.5
20	64QAM	50	24	19.71	19.68	19.60		
20	64QAM	50	50	19.91	19.79	19.67		
20	64QAM	100	0	19.62	19.77	19.77		
20	256QAM	1	0	18.10	17.80	17.80	19.5	3.5
20	256QAM	1	49	18.01	17.99	17.77		
20	256QAM	1	99	17.83	17.86	17.94		
20	256QAM	50	0	18.06	17.75	17.84	19.5	3.5
20	256QAM	50	24	17.93	17.88	17.93		
20	256QAM	50	50	17.94	17.82	18.00		
20	256QAM	100	0	18.00	17.86	17.97		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.31	21.38	21.42	23	0
15	QPSK	1	37	21.36	21.41	21.23		
15	QPSK	1	74	21.28	21.47	21.26		
15	QPSK	36	0	21.39	21.36	21.38	23	0
15	QPSK	36	20	21.39	21.41	21.32		
15	QPSK	36	39	21.35	21.32	21.27		
15	QPSK	75	0	21.26	21.44	21.33		
15	16QAM	1	0	21.15	21.36	21.13	23	0
15	16QAM	1	37	21.31	21.20	21.16		
15	16QAM	1	74	21.30	21.39	21.32		
15	16QAM	36	0	20.59	20.91	20.76	22.5	0.5
15	16QAM	36	20	20.88	20.73	20.88		
15	16QAM	36	39	20.76	20.69	20.74		
15	16QAM	75	0	20.71	20.59	20.84		
15	64QAM	1	0	20.77	20.71	20.77	22.5	0.5
15	64QAM	1	37	20.79	20.89	20.89		
15	64QAM	1	74	20.76	20.77	20.72		
15	64QAM	36	0	19.81	19.62	19.66	21.5	1.5
15	64QAM	36	20	19.57	19.70	19.76		
15	64QAM	36	39	19.94	19.79	19.71		
15	64QAM	75	0	19.60	19.82	19.71		
15	256QAM	1	0	18.19	17.95	17.81	19.5	3.5
15	256QAM	1	37	18.14	17.91	17.71		
15	256QAM	1	74	17.84	17.88	17.91		
15	256QAM	36	0	17.94	17.72	17.77	19.5	3.5
15	256QAM	36	20	18.02	18.02	18.11		
15	256QAM	36	39	18.05	17.84	18.18		
15	256QAM	75	0	18.09	17.87	18.09		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.34	21.42	21.35	23	0
10	QPSK	1	25	21.46	21.31	21.32		
10	QPSK	1	49	21.33	21.33	21.24		
10	QPSK	25	0	21.42	21.34	21.33	23	0
10	QPSK	25	12	21.36	21.39	21.25		
10	QPSK	25	25	21.33	21.36	21.37		
10	QPSK	50	0	21.34	21.36	21.30		
10	16QAM	1	0	21.22	21.42	21.26	23	0
10	16QAM	1	25	21.30	21.20	21.17		
10	16QAM	1	49	21.32	21.28	21.21		
10	16QAM	25	0	20.60	20.81	20.84	22.5	0.5
10	16QAM	25	12	20.83	20.84	20.76		
10	16QAM	25	25	20.84	20.63	20.76		
10	16QAM	50	0	20.59	20.59	20.76		
10	64QAM	1	0	20.62	20.62	20.71	22.5	0.5
10	64QAM	1	25	20.91	20.85	20.70		
10	64QAM	1	49	20.74	20.76	20.69		
10	64QAM	25	0	19.85	19.57	19.80	21.5	1.5
10	64QAM	25	12	19.62	19.77	19.59		
10	64QAM	25	25	19.80	19.69	19.58		
10	64QAM	50	0	19.76	19.77	19.68		
10	256QAM	1	0	18.07	17.78	17.81	19.5	3.5
10	256QAM	1	25	18.09	17.96	17.79		
10	256QAM	1	49	17.91	17.89	17.97		
10	256QAM	25	0	18.00	17.85	17.81	19.5	3.5
10	256QAM	25	12	18.04	17.90	17.92		
10	256QAM	25	25	17.95	17.84	17.99		
10	256QAM	50	0	18.02	17.96	18.02		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.41	21.37	21.41	23	0
5	QPSK	1	12	21.33	21.36	21.29		
5	QPSK	1	24	21.40	21.49	21.17		
5	QPSK	12	0	21.28	21.34	21.37	23	0
5	QPSK	12	7	21.28	21.47	21.39		
5	QPSK	12	13	21.36	21.24	21.28		
5	QPSK	25	0	21.28	21.36	21.24		
5	16QAM	1	0	21.21	21.30	21.31	23	0
5	16QAM	1	12	21.14	21.07	21.26		
5	16QAM	1	24	21.26	21.35	21.30		
5	16QAM	12	0	20.53	20.95	20.80	22.5	0.5
5	16QAM	12	7	20.76	20.82	20.76		
5	16QAM	12	13	20.72	20.73	20.78		
5	16QAM	25	0	20.69	20.66	20.89		
5	64QAM	1	0	20.75	20.71	20.71	22.5	0.5
5	64QAM	1	12	20.90	20.71	20.79		
5	64QAM	1	24	20.84	20.69	20.80		
5	64QAM	12	0	19.80	19.57	19.75	21.5	1.5
5	64QAM	12	7	19.68	19.80	19.74		
5	64QAM	12	13	19.75	19.79	19.71		
5	64QAM	25	0	19.69	19.74	19.59		
5	256QAM	1	0	18.03	17.78	17.89	19.5	3.5
5	256QAM	1	12	18.09	18.04	17.85		
5	256QAM	1	24	17.83	17.88	17.97		
5	256QAM	12	0	18.02	17.72	17.93	19.5	3.5
5	256QAM	12	7	17.98	17.92	18.08		
5	256QAM	12	13	18.01	17.82	18.19		
5	256QAM	25	0	18.09	17.84	18.12		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.40	21.41	21.44	23	0
3	QPSK	1	8	21.40	21.28	21.31		
3	QPSK	1	14	21.37	21.41	21.17		
3	QPSK	8	0	21.38	21.30	21.34	23	0
3	QPSK	8	4	21.36	21.43	21.33		
3	QPSK	8	7	21.25	21.23	21.34		
3	QPSK	15	0	21.39	21.40	21.26		
3	16QAM	1	0	21.15	21.39	21.28	23	0
3	16QAM	1	8	21.14	21.13	21.27		
3	16QAM	1	14	21.36	21.30	21.26		
3	16QAM	8	0	20.89	20.91	20.72	22.5	0.5
3	16QAM	8	4	20.89	20.72	20.81		
3	16QAM	8	7	20.88	20.73	20.81		
3	16QAM	15	0	20.55	20.66	20.89		
3	64QAM	1	0	20.67	20.55	20.65	22.5	0.5
3	64QAM	1	8	20.81	20.83	20.84		
3	64QAM	1	14	20.83	20.67	20.76		
3	64QAM	8	0	19.78	19.58	19.67	21.5	1.5
3	64QAM	8	4	19.62	19.74	19.67		
3	64QAM	8	7	19.95	19.71	19.59		
3	64QAM	15	0	19.64	19.77	19.73		
3	256QAM	1	0	18.08	17.88	17.89	19.5	3.5
3	256QAM	1	8	18.14	17.97	17.75		
3	256QAM	1	14	17.97	17.76	18.02		
3	256QAM	8	0	17.99	17.72	17.85	19.5	3.5
3	256QAM	8	4	17.94	18.05	18.09		
3	256QAM	8	7	17.97	17.92	18.03		
3	256QAM	15	0	18.13	17.93	17.94		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.29	21.40	21.35	23	0
1.4	QPSK	1	3	21.35	21.37	21.50		
1.4	QPSK	1	5	21.29	21.45	21.41		
1.4	QPSK	3	0	21.40	21.47	21.39		
1.4	QPSK	3	1	21.32	21.52	21.48		
1.4	QPSK	3	3	21.40	21.46	21.43		
1.4	QPSK	6	0	21.47	21.51	21.44	23	0
1.4	16QAM	1	0	21.45	21.49	21.42	23	0
1.4	16QAM	1	3	21.31	21.51	21.33		
1.4	16QAM	1	5	21.32	21.33	21.33		
1.4	16QAM	3	0	21.47	21.40	21.33		
1.4	16QAM	3	1	21.39	21.42	21.51		
1.4	16QAM	3	3	21.32	21.38	21.49		
1.4	16QAM	6	0	20.79	20.74	20.84	22.5	0.5
1.4	64QAM	1	0	20.68	20.76	20.67	22.5	0.5
1.4	64QAM	1	3	20.73	20.63	20.78		
1.4	64QAM	1	5	20.73	20.76	20.79		
1.4	64QAM	3	0	20.73	20.68	20.81		
1.4	64QAM	3	1	20.83	20.62	20.76		
1.4	64QAM	3	3	20.76	20.57	20.84		
1.4	64QAM	6	0	19.67	19.58	19.67	21.5	1.5
1.4	256QAM	1	0	18.65	18.73	18.72	19.5	3.5
1.4	256QAM	1	3	18.63	18.64	18.66		
1.4	256QAM	1	5	18.57	18.56	18.57		
1.4	256QAM	3	0	18.63	18.59	18.58		
1.4	256QAM	3	1	18.61	18.48	18.56		
1.4	256QAM	3	3	18.54	18.62	18.60		
1.4	256QAM	6	0	18.61	18.50	18.63	19.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.88	21.92	21.82	23	0
20	QPSK	1	49	21.79	21.74	21.70		
20	QPSK	1	99	21.75	21.72	21.69		
20	QPSK	50	0	21.76	21.69	21.81	23	0
20	QPSK	50	24	21.68	21.69	21.65		
20	QPSK	50	50	21.85	21.73	21.63		
20	QPSK	100	0	21.70	21.76	21.60		
20	16QAM	1	0	21.51	21.81	21.53	23	0
20	16QAM	1	49	21.51	21.63	21.57		
20	16QAM	1	99	21.67	21.73	21.61		
20	16QAM	50	0	21.05	21.21	21.23	22.5	0.5
20	16QAM	50	24	21.32	21.21	21.16		
20	16QAM	50	50	21.25	21.15	21.15		
20	16QAM	100	0	21.12	21.07	21.23		
20	64QAM	1	0	21.05	20.92	21.10	22.5	0.5
20	64QAM	1	49	21.33	21.14	21.28		
20	64QAM	1	99	21.18	21.23	21.15		
20	64QAM	50	0	20.21	19.94	20.13	21.5	1.5
20	64QAM	50	24	20.01	20.23	20.02		
20	64QAM	50	50	20.30	20.01	20.05		
20	64QAM	100	0	20.03	20.15	20.18		
20	256QAM	1	0	18.48	18.30	18.29	19.5	3.5
20	256QAM	1	49	18.45	18.33	18.15		
20	256QAM	1	99	18.24	18.16	18.28		
20	256QAM	50	0	18.40	18.27	18.30	19.5	3.5
20	256QAM	50	24	18.50	18.25	18.45		
20	256QAM	50	50	18.50	18.40	18.54		
20	256QAM	100	0	18.49	18.36	18.37		
Channel				37625	38000	38375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.71	21.79	21.81	23	0
15	QPSK	1	37	21.76	21.70	21.65		
15	QPSK	1	74	21.67	21.87	21.67		
15	QPSK	36	0	21.71	21.71	21.75	23	0
15	QPSK	36	20	21.77	21.81	21.64		
15	QPSK	36	39	21.68	21.78	21.67		
15	QPSK	75	0	21.77	21.72	21.72		
15	16QAM	1	0	21.65	21.82	21.60	23	0
15	16QAM	1	37	21.52	21.65	21.64		
15	16QAM	1	74	21.75	21.62	21.65		
15	16QAM	36	0	20.91	21.30	21.22	22.5	0.5
15	16QAM	36	20	21.27	21.18	21.22		
15	16QAM	36	39	21.30	21.12	21.24		
15	16QAM	75	0	20.96	21.11	21.24		
15	64QAM	1	0	21.15	21.02	21.06	22.5	0.5
15	64QAM	1	37	21.20	21.29	21.23		
15	64QAM	1	74	21.21	21.14	21.15		
15	64QAM	36	0	20.17	19.97	20.24	21.5	1.5
15	64QAM	36	20	19.98	20.21	20.08		
15	64QAM	36	39	20.33	20.10	20.12		
15	64QAM	75	0	20.11	20.29	20.05		
15	256QAM	1	0	18.53	18.27	18.18	19.5	3.5
15	256QAM	1	37	18.56	18.36	18.26		
15	256QAM	1	74	18.32	18.19	18.34		
15	256QAM	36	0	18.43	18.25	18.15	19.5	3.5
15	256QAM	36	20	18.50	18.38	18.35		
15	256QAM	36	39	18.46	18.25	18.56		
15	256QAM	75	0	18.49	18.22	18.52		
Channel				37500	38000	38500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.90	21.91	21.89	23	0
10	QPSK	1	25	21.86	21.63	21.70		
10	QPSK	1	49	21.82	21.72	21.55		
10	QPSK	25	0	21.73	21.83	21.75	23	0
10	QPSK	25	12	21.66	21.69	21.61		
10	QPSK	25	25	21.71	21.63	21.60		
10	QPSK	50	0	21.63	21.75	21.70		
10	16QAM	1	0	21.52	21.73	21.54	23	0
10	16QAM	1	25	21.63	21.59	21.66		
10	16QAM	1	49	21.81	21.62	21.70		
10	16QAM	25	0	20.91	21.19	21.13	22.5	0.5
10	16QAM	25	12	21.15	21.20	21.12		
10	16QAM	25	25	21.21	21.10	21.07		
10	16QAM	50	0	20.94	20.99	21.25		
10	64QAM	1	0	21.14	20.99	21.10	22.5	0.5
10	64QAM	1	25	21.29	21.16	21.22		
10	64QAM	1	49	21.15	21.19	21.14		
10	64QAM	25	0	20.14	20.10	20.06	21.5	1.5
10	64QAM	25	12	20.01	20.19	20.01		
10	64QAM	25	25	20.28	20.07	20.08		
10	64QAM	50	0	19.97	20.21	20.17		
10	256QAM	1	0	18.55	18.29	18.25	19.5	3.5
10	256QAM	1	25	18.54	18.43	18.22		
10	256QAM	1	49	18.41	18.17	18.24		
10	256QAM	25	0	18.40	18.29	18.33	19.5	3.5
10	256QAM	25	12	18.35	18.41	18.32		
10	256QAM	25	25	18.43	18.32	18.41		
10	256QAM	50	0	18.52	18.36	18.33		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	21.90	21.87	21.89	23	0
5	QPSK	1	12	21.75	21.71	21.72		
5	QPSK	1	24	21.80	21.83	21.68		
5	QPSK	12	0	21.63	21.71	21.80	23	0
5	QPSK	12	7	21.61	21.85	21.67		
5	QPSK	12	13	21.75	21.73	21.60		
5	QPSK	25	0	21.69	21.66	21.75		
5	16QAM	1	0	21.58	21.71	21.62	23	0
5	16QAM	1	12	21.68	21.55	21.61		
5	16QAM	1	24	21.71	21.67	21.72		
5	16QAM	12	0	20.95	21.25	21.17	22.5	0.5
5	16QAM	12	7	21.30	21.08	21.20		
5	16QAM	12	13	21.28	21.08	21.15		
5	16QAM	25	0	21.07	21.00	21.16		
5	64QAM	1	0	21.05	21.12	21.20	22.5	0.5
5	64QAM	1	12	21.28	21.10	21.16		
5	64QAM	1	24	21.11	21.12	21.14		
5	64QAM	12	0	20.12	20.01	20.19	21.5	1.5
5	64QAM	12	7	20.02	20.10	20.13		
5	64QAM	12	13	20.19	20.04	19.96		
5	64QAM	25	0	20.10	20.16	20.01		
5	256QAM	1	0	18.41	18.20	18.33	19.5	3.5
5	256QAM	1	12	18.56	18.43	18.18		
5	256QAM	1	24	18.30	18.32	18.37		
5	256QAM	12	0	18.42	18.27	18.30	19.5	3.5
5	256QAM	12	7	18.41	18.39	18.40		
5	256QAM	12	13	18.42	18.26	18.42		
5	256QAM	25	0	18.42	18.22	18.44		

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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	21.76	21.86	21.89	21.82	21.80	23	0
20	QPSK	1	49	21.72	21.63	21.76	21.77	21.66		
20	QPSK	1	99	21.83	21.86	21.73	21.60	21.73		
20	QPSK	50	0	21.77	21.76	21.86	21.79	21.70	23	0
20	QPSK	50	24	21.79	21.66	21.78	21.65	21.70		
20	QPSK	50	50	21.73	21.74	21.70	21.73	21.75		
20	QPSK	100	0	21.66	21.66	21.79	21.69	21.68		
20	16QAM	1	0	21.67	21.81	21.67	21.59	21.68	23	0
20	16QAM	1	49	21.51	21.64	21.52	21.56	21.59		
20	16QAM	1	99	21.70	21.70	21.57	21.64	21.59		
20	16QAM	50	0	20.89	21.18	21.13	21.05	21.22	22.5	0.5
20	16QAM	50	24	21.15	21.06	21.25	21.22	21.14		
20	16QAM	50	50	21.17	21.08	21.22	21.19	21.15		
20	16QAM	100	0	21.08	21.03	21.16	21.20	21.19		
20	64QAM	1	0	21.12	21.06	21.22	21.15	21.20	22.5	0.5
20	64QAM	1	49	21.27	21.12	21.30	21.29	21.16		
20	64QAM	1	99	21.24	21.20	21.03	21.05	21.06		
20	64QAM	50	0	20.28	20.07	20.21	20.18	20.12	21.5	1.5
20	64QAM	50	24	20.00	20.13	19.97	20.07	20.07		
20	64QAM	50	50	20.15	20.10	20.12	20.09	20.12		
20	64QAM	100	0	20.15	20.16	20.03	19.99	20.00		
20	256QAM	1	0	18.47	18.34	18.22	18.14	18.14	19.5	3.5
20	256QAM	1	49	18.46	18.42	18.18	18.19	18.26		
20	256QAM	1	99	18.32	18.29	18.31	18.31	18.32		
20	256QAM	50	0	18.46	18.14	18.17	18.27	18.28	19.5	3.5
20	256QAM	50	24	18.35	18.45	18.46	18.33	18.34		
20	256QAM	50	50	18.40	18.41	18.52	18.40	18.54		
20	256QAM	100	0	18.46	18.34	18.52	18.46	18.49		
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	21.65	21.81	21.76	21.75	21.78	23	0
15	QPSK	1	37	21.74	21.68	21.62	21.59	21.59		
15	QPSK	1	74	21.66	21.71	21.52	21.51	21.64		
15	QPSK	36	0	21.68	21.77	21.72	21.68	21.61	23	0
15	QPSK	36	20	21.60	21.83	21.66	21.57	21.62		
15	QPSK	36	39	21.63	21.66	21.71	21.73	21.54		
15	QPSK	75	0	21.60	21.78	21.68	21.56	21.69		
15	16QAM	1	0	21.50	21.77	21.60	21.62	21.47	23	0
15	16QAM	1	37	21.54	21.54	21.60	21.63	21.50		
15	16QAM	1	74	21.61	21.62	21.62	21.67	21.51		
15	16QAM	36	0	20.83	21.25	20.99	21.16	21.00	22.5	0.5
15	16QAM	36	20	21.21	21.18	21.08	21.14	21.16		
15	16QAM	36	39	21.25	21.06	21.19	21.07	21.04		
15	16QAM	75	0	20.97	21.03	21.23	21.21	21.10		
15	64QAM	1	0	21.03	21.01	21.01	21.15	21.17	22.5	0.5
15	64QAM	1	37	21.11	21.09	21.09	21.20	21.16		
15	64QAM	1	74	21.12	21.03	21.10	21.02	21.16		
15	64QAM	36	0	20.10	19.94	20.12	20.20	20.16	21.5	1.5
15	64QAM	36	20	20.07	20.09	20.07	20.03	20.00		
15	64QAM	36	39	20.28	20.14	20.02	19.94	20.02		
15	64QAM	75	0	19.95	20.15	19.98	20.13	19.97		
15	256QAM	1	0	18.39	18.21	18.20	18.25	18.17	19.5	3.5
15	256QAM	1	37	18.41	18.40	18.12	18.25	18.23		
15	256QAM	1	74	18.30	18.15	18.27	18.19	18.26		
15	256QAM	36	0	18.32	18.20	18.26	18.22	18.17	19.5	3.5
15	256QAM	36	20	18.32	18.36	18.42	18.41	18.34		
15	256QAM	36	39	18.39	18.35	18.44	18.36	18.40		
15	256QAM	75	0	18.37	18.18	18.41	18.48	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	21.68	21.72	21.73	21.70	21.76	23	0
10	QPSK	1	25	21.80	21.58	21.71	21.62	21.62		
10	QPSK	1	49	21.64	21.79	21.55	21.61	21.65		
10	QPSK	25	0	21.73	21.74	21.58	21.61	21.70	23	0
10	QPSK	25	12	21.62	21.73	21.59	21.61	21.73		
10	QPSK	25	25	21.72	21.61	21.65	21.69	21.69		
10	QPSK	50	0	21.71	21.63	21.73	21.53	21.54		
10	16QAM	1	0	21.50	21.76	21.49	21.57	21.65	23	0
10	16QAM	1	25	21.48	21.60	21.47	21.50	21.64		
10	16QAM	1	49	21.71	21.64	21.68	21.65	21.52		
10	16QAM	25	0	20.97	21.30	21.12	21.03	21.14	22.5	0.5
10	16QAM	25	12	21.12	21.02	21.15	21.24	21.11		
10	16QAM	25	25	21.11	21.05	21.17	21.04	21.06		
10	16QAM	50	0	20.90	20.92	21.25	21.13	21.12		
10	64QAM	1	0	21.12	20.94	21.11	21.17	21.08	22.5	0.5
10	64QAM	1	25	21.21	21.10	21.15	21.20	21.13		
10	64QAM	1	49	21.15	21.04	21.03	21.00	21.08		
10	64QAM	25	0	20.11	19.95	20.12	20.19	20.20	21.5	1.5
10	64QAM	25	12	19.98	20.19	20.02	20.08	19.99		
10	64QAM	25	25	20.15	20.07	19.89	19.92	20.02		
10	64QAM	50	0	20.11	20.27	19.96	20.08	20.11		
10	256QAM	1	0	18.35	18.15	18.19	18.10	18.19	19.5	3.5
10	256QAM	1	25	18.34	18.36	18.11	18.16	18.08		
10	256QAM	1	49	18.30	18.28	18.27	18.32	18.23		
10	256QAM	25	0	18.28	18.11	18.11	18.28	18.16	19.5	3.5
10	256QAM	25	12	18.47	18.34	18.41	18.44	18.41		
10	256QAM	25	25	18.28	18.21	18.45	18.53	18.46		
10	256QAM	50	0	18.40	18.22	18.44	18.31	18.37		
Channel				39775	40148	40520	41093	41665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.82	21.82	21.84	21.79	21.85	23	0
5	QPSK	1	12	21.84	21.69	21.64	21.58	21.66		
5	QPSK	1	24	21.80	21.84	21.60	21.53	21.65		
5	QPSK	12	0	21.68	21.75	21.65	21.60	21.71	23	0
5	QPSK	12	7	21.64	21.66	21.62	21.63	21.55		
5	QPSK	12	13	21.66	21.59	21.72	21.59	21.55		
5	QPSK	25	0	21.68	21.73	21.62	21.66	21.71		
5	16QAM	1	0	21.46	21.68	21.60	21.57	21.56	23	0
5	16QAM	1	12	21.54	21.56	21.65	21.47	21.62		
5	16QAM	1	24	21.67	21.68	21.59	21.58	21.53		
5	16QAM	12	0	20.81	21.15	21.12	21.17	21.13	22.5	0.5
5	16QAM	12	7	21.24	21.07	21.14	21.26	21.17		
5	16QAM	12	13	21.14	21.15	21.21	21.04	21.21		
5	16QAM	25	0	20.95	20.96	21.17	21.16	21.12		
5	64QAM	1	0	21.02	20.88	20.99	21.13	21.11	22.5	0.5
5	64QAM	1	12	21.12	21.24	21.16	21.16	21.13		
5	64QAM	1	24	21.23	21.05	20.99	21.16	21.07		
5	64QAM	12	0	20.22	20.03	20.17	20.13	20.04	21.5	1.5
5	64QAM	12	7	20.08	20.08	20.05	20.04	20.06		
5	64QAM	12	13	20.11	20.10	20.06	19.91	19.91		
5	64QAM	25	0	20.00	20.13	20.10	20.07	20.06		
5	256QAM	1	0	18.40	18.13	18.17	18.18	18.24	19.5	3.5
5	256QAM	1	12	18.41	18.32	18.23	18.12	18.16		
5	256QAM	1	24	18.23	18.28	18.31	18.21	18.20		
5	256QAM	12	0	18.26	18.07	18.11	18.19	18.26	19.5	3.5
5	256QAM	12	7	18.45	18.38	18.34	18.27	18.45		
5	256QAM	12	13	18.28	18.19	18.39	18.52	18.42		
5	256QAM	25	0	18.46	18.17	18.42	18.42	18.45		

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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	23.14	23.25	23.38	23.31	23.34	24	0
20	QPSK	1	49	23.09	23.13	23.28	23.13	23.26		
20	QPSK	1	99	23.13	23.22	23.20	23.28	23.22		
20	QPSK	50	0	23.09	23.17	23.35	23.23	23.31	24	0
20	QPSK	50	24	23.11	23.08	23.26	23.27	23.20		
20	QPSK	50	50	23.03	23.07	23.21	23.28	23.29		
20	QPSK	100	0	23.02	23.13	23.31	23.19	23.25		
20	16QAM	1	0	22.96	23.23	23.36	23.20	23.15	24	0
20	16QAM	1	49	23.01	23.22	23.24	23.12	23.14		
20	16QAM	1	99	23.09	23.18	23.20	23.16	23.17		
20	16QAM	50	0	22.95	23.22	23.31	23.18	23.27	24	0
20	16QAM	50	24	23.05	23.07	23.25	23.19	23.24		
20	16QAM	50	50	23.02	23.16	23.23	23.30	23.25		
20	16QAM	100	0	23.12	23.15	23.28	23.18	23.17		
20	64QAM	1	0	22.98	23.23	23.31	23.14	23.25	24	0
20	64QAM	1	49	23.05	23.05	23.28	23.29	23.30		
20	64QAM	1	99	22.95	23.24	23.29	23.30	23.18		
20	64QAM	50	0	23.00	23.15	23.33	23.15	23.27	24	0
20	64QAM	50	24	23.01	23.09	23.20	23.30	23.25		
20	64QAM	50	50	23.10	23.18	23.30	23.28	23.19		
20	64QAM	100	0	23.12	23.09	23.24	23.27	23.20		
20	256QAM	1	0	21.31	21.36	21.45	21.41	21.38	22	2
20	256QAM	1	49	21.34	21.47	21.48	21.43	21.48		
20	256QAM	1	99	21.36	21.32	21.41	21.39	21.35		
20	256QAM	50	0	21.32	21.41	21.33	21.48	21.36	22	2
20	256QAM	50	24	21.41	21.45	21.30	21.39	21.33		
20	256QAM	50	50	21.32	21.47	21.41	21.36	21.30		
20	256QAM	100	0	21.38	21.35	21.47	21.44	21.32		
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	23.02	23.06	23.29	23.18	23.20	24	0
15	QPSK	1	37	23.02	23.07	23.19	22.96	23.19		
15	QPSK	1	74	23.05	23.20	23.11	23.12	23.14		
15	QPSK	36	0	22.90	23.09	23.33	23.09	23.16	24	0
15	QPSK	36	20	22.94	23.01	23.20	23.18	23.15		
15	QPSK	36	39	22.84	22.92	23.05	23.13	23.27		
15	QPSK	75	0	22.87	23.04	23.30	23.03	23.22		
15	16QAM	1	0	22.90	23.07	23.29	23.19	23.11	24	0
15	16QAM	1	37	22.86	23.02	23.09	22.93	23.11		
15	16QAM	1	74	23.00	23.10	23.10	23.05	23.10		
15	16QAM	36	0	22.86	23.20	23.26	23.09	23.14	24	0
15	16QAM	36	20	22.96	23.03	23.17	23.11	23.08		
15	16QAM	36	39	22.95	23.15	23.10	23.16	23.08		
15	16QAM	75	0	22.96	23.00	23.16	23.13	23.00		
15	64QAM	1	0	22.96	23.07	23.14	23.11	23.12	24	0
15	64QAM	1	37	23.02	23.03	23.23	23.26	23.10		
15	64QAM	1	74	22.88	23.15	23.18	23.22	23.13		
15	64QAM	36	0	22.90	23.02	23.27	22.96	23.18	24	0
15	64QAM	36	20	22.91	22.91	23.12	23.24	23.14		
15	64QAM	36	39	23.04	23.02	23.17	23.11	23.11		
15	64QAM	75	0	23.01	22.95	23.05	23.19	23.12		
15	256QAM	1	0	21.17	21.17	21.42	21.28	21.24	22	2
15	256QAM	1	37	21.28	21.36	21.40	21.33	21.35		
15	256QAM	1	74	21.28	21.18	21.34	21.28	21.18		
15	256QAM	36	0	21.27	21.36	21.27	21.48	21.17	22	2
15	256QAM	36	20	21.40	21.27	21.11	21.34	21.25		
15	256QAM	36	39	21.28	21.28	21.23	21.22	21.19		
15	256QAM	75	0	21.29	21.23	21.38	21.32	21.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.95	23.13	23.33	23.12	23.19	24	0
10	QPSK	1	25	22.90	23.04	23.16	23.04	23.22		
10	QPSK	1	49	23.01	23.06	23.10	23.17	23.06		
10	QPSK	25	0	23.03	23.15	23.18	23.15	23.13	24	0
10	QPSK	25	12	23.00	23.08	23.25	23.18	23.12		
10	QPSK	25	25	22.97	23.05	23.12	23.22	23.27		
10	QPSK	50	0	22.90	23.01	23.26	23.02	23.21		
10	16QAM	1	0	22.88	23.21	23.20	23.00	23.07	24	0
10	16QAM	1	25	22.93	23.11	23.12	22.97	22.99		
10	16QAM	1	49	23.03	23.07	23.16	23.00	23.14		
10	16QAM	25	0	22.77	23.20	22.97	23.00	22.97	24	0
10	16QAM	25	12	22.93	22.97	23.11	22.99	23.22		
10	16QAM	25	25	22.87	23.00	23.21	23.15	23.15		
10	16QAM	50	0	23.05	23.11	23.27	23.09	23.02		
10	64QAM	1	0	22.82	23.22	23.14	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.26	22.34	22.20	24	0
20	QPSK	1	49	22.22	22.26	22.16		
20	QPSK	1	99	22.07	22.21	22.13		
20	QPSK	50	0	21.33	21.36	21.27	23	1
20	QPSK	50	24	21.27	21.30	21.21		
20	QPSK	50	50	21.20	21.25	21.19		
20	QPSK	100	0	21.19	21.31	21.27		
20	16QAM	1	0	21.13	21.23	21.19	23	1
20	16QAM	1	49	21.12	21.17	21.06		
20	16QAM	1	99	21.00	21.13	21.02		
20	16QAM	50	0	20.27	20.39	20.26	22	2
20	16QAM	50	24	20.22	20.31	20.19		
20	16QAM	50	50	20.27	20.35	20.22		
20	16QAM	100	0	20.25	20.29	20.22		
20	64QAM	1	0	20.19	20.27	20.15	22	2
20	64QAM	1	49	20.11	20.21	20.08		
20	64QAM	1	99	20.10	20.17	20.14		
20	64QAM	50	0	19.38	19.42	19.32	21	3
20	64QAM	50	24	19.26	19.33	19.28		
20	64QAM	50	50	19.23	19.38	19.24		
20	64QAM	100	0	19.18	19.30	19.18		
20	256QAM	1	0	15.34	15.44	15.30	19	5
20	256QAM	1	49	18.80	18.95	18.83		
20	256QAM	1	99	14.42	14.55	14.43		
20	256QAM	50	0	18.74	18.83	18.72	19	5
20	256QAM	50	24	18.82	18.88	18.74		
20	256QAM	50	50	18.77	18.81	18.75		
20	256QAM	100	0	18.62	18.69	18.63		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.27	22.32	22.14	24	0
15	QPSK	1	37	22.16	22.20	22.07		
15	QPSK	1	74	22.02	22.20	22.07		
15	QPSK	36	0	21.27	21.37	21.24	23	1
15	QPSK	36	20	21.18	21.20	21.21		
15	QPSK	36	39	21.12	21.15	21.18		
15	QPSK	75	0	21.14	21.28	21.22		
15	16QAM	1	0	21.09	21.24	21.19	23	1
15	16QAM	1	37	21.08	21.13	21.02		
15	16QAM	1	74	21.02	21.10	21.06		
15	16QAM	36	0	20.25	20.38	20.16	22	2
15	16QAM	36	20	20.21	20.32	20.10		
15	16QAM	36	39	20.23	20.27	20.18		
15	16QAM	75	0	20.16	20.28	20.19		
15	64QAM	1	0	20.21	20.27	20.13	22	2
15	64QAM	1	37	20.13	20.15	20.02		
15	64QAM	1	74	20.08	20.11	20.07		
15	64QAM	36	0	19.39	19.42	19.29	21	3
15	64QAM	36	20	19.17	19.25	19.24		
15	64QAM	36	39	19.22	19.39	19.16		
15	64QAM	75	0	19.14	19.25	19.17		
15	256QAM	1	0	15.35	15.44	15.30	19	5
15	256QAM	1	37	18.73	18.93	18.77		
15	256QAM	1	74	14.33	14.48	14.43		
15	256QAM	36	0	18.68	18.84	18.72	19	5
15	256QAM	36	20	18.77	18.84	18.67		
15	256QAM	36	39	18.74	18.79	18.67		
15	256QAM	75	0	18.57	18.68	18.62		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.22	22.30	22.16	24	0
10	QPSK	1	25	22.19	22.25	22.14		
10	QPSK	1	49	22.04	22.14	22.07		
10	QPSK	25	0	21.30	21.32	21.23	23	1
10	QPSK	25	12	21.26	21.26	21.13		
10	QPSK	25	25	21.12	21.22	21.09		
10	QPSK	50	0	21.14	21.32	21.28		
10	16QAM	1	0	21.10	21.18	21.16	23	1
10	16QAM	1	25	21.12	21.16	21.02		
10	16QAM	1	49	21.04	21.09	21.05		
10	16QAM	25	0	20.27	20.32	20.24	22	2
10	16QAM	25	12	20.20	20.25	20.11		
10	16QAM	25	25	20.24	20.36	20.13		
10	16QAM	50	0	20.24	20.30	20.14		
10	64QAM	1	0	20.21	20.23	20.13	22	2
10	64QAM	1	25	20.13	20.14	20.06		
10	64QAM	1	49	20.10	20.15	20.13		
10	64QAM	25	0	19.36	19.43	19.22	21	3
10	64QAM	25	12	19.22	19.31	19.25		
10	64QAM	25	25	19.16	19.39	19.15		
10	64QAM	50	0	19.13	19.23	19.20		
10	256QAM	1	0	15.24	15.36	15.27	19	5
10	256QAM	1	25	18.82	18.86	18.76		
10	256QAM	1	49	14.43	14.57	14.34		
10	256QAM	25	0	18.66	18.74	18.64	19	5
10	256QAM	25	12	18.79	18.85	18.67		
10	256QAM	25	25	18.77	18.80	18.75		
10	256QAM	50	0	18.53	18.70	18.54		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.17	22.29	22.11	24	0
5	QPSK	1	12	22.23	22.17	22.08		
5	QPSK	1	24	22.06	22.18	22.14		
5	QPSK	12	0	21.35	21.36	21.18	23	1
5	QPSK	12	7	21.20	21.32	21.21		
5	QPSK	12	13	21.14	21.17	21.16		
5	QPSK	25	0	21.09	21.24	21.23		
5	16QAM	1	0	21.06	21.22	21.19	23	1
5	16QAM	1	12	21.09	21.14	21.02		
5	16QAM	1	24	21.03	21.13	21.11		
5	16QAM	12	0	20.29	20.30	20.17	22	2
5	16QAM	12	7	20.23	20.23	20.15		
5	16QAM	12	13	20.20	20.32	20.23		
5	16QAM	25	0	20.18	20.21	20.13		
5	64QAM	1	0	20.19	20.26	20.06	22	2
5	64QAM	1	12	20.12	20.17	20.05		
5	64QAM	1	24	20.10	20.14	20.16		
5	64QAM	12	0	19.34	19.35	19.32	21	3
5	64QAM	12	7	19.25	19.29	19.25		
5	64QAM	12	13	19.17	19.29	19.17		
5	64QAM	25	0	19.15	19.25	19.10		
5	256QAM	1	0	15.30	15.41	15.22	19	5
5	256QAM	1	12	18.79	18.91	18.83		
5	256QAM	1	24	14.38	14.46	14.44		
5	256QAM	12	0	18.65	18.74	18.73	19	5
5	256QAM	12	7	18.76	18.78	18.65		
5	256QAM	12	13	18.69	18.74	18.76		
5	256QAM	25	0	18.56	18.62	18.60		

Band 43_FCC Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	21.79	21.82	21.71	23	0
20	QPSK	1	49	21.71	21.74	21.65		
20	QPSK	1	99	21.65	21.69	21.59		
20	QPSK	50	0	20.78	20.93	20.85	22	1
20	QPSK	50	24	20.83	20.87	20.77		
20	QPSK	50	50	20.73	20.82	20.78		
20	QPSK	100	0	20.79	20.85	20.78		
20	16QAM	1	0	20.59	20.69	20.54	22	1
20	16QAM	1	49	20.56	20.63	20.50		
20	16QAM	1	99	20.52	20.59	20.54		
20	16QAM	50	0	19.64	19.76	19.61	21	2
20	16QAM	50	24	19.59	19.68	19.54		
20	16QAM	50	50	19.58	19.72	19.66		
20	16QAM	100	0	19.55	19.66	19.51		
20	64QAM	1	0	19.60	19.69	19.56	21	2
20	64QAM	1	49	19.49	19.63	19.51		
20	64QAM	1	99	19.48	19.59	19.49		
20	64QAM	50	0	18.62	18.73	18.63	20	3
20	64QAM	50	24	18.58	18.64	18.57		
20	64QAM	50	50	18.58	18.69	18.55		
20	64QAM	100	0	18.48	18.61	18.57		
20	256QAM	1	0	17.22	17.37	17.26	18	5
20	256QAM	1	49	17.24	17.34	17.30		
20	256QAM	1	99	17.16	17.29	17.15		
20	256QAM	50	0	17.25	17.32	17.22	18	5
20	256QAM	50	24	17.07	17.22	17.19		
20	256QAM	50	50	17.19	17.28	17.18		
20	256QAM	100	0	17.21	17.25	17.14		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.70	21.76	21.64	23	0
15	QPSK	1	37	21.61	21.67	21.52		
15	QPSK	1	74	21.57	21.61	21.51		
15	QPSK	36	0	20.66	20.88	20.77	22	1
15	QPSK	36	20	20.69	20.81	20.68		
15	QPSK	36	39	20.59	20.72	20.70		
15	QPSK	75	0	20.65	20.79	20.65		
15	16QAM	1	0	20.47	20.60	20.42	22	1
15	16QAM	1	37	20.46	20.54	20.36		
15	16QAM	1	74	20.48	20.49	20.47		
15	16QAM	36	0	19.59	19.66	19.46	21	2
15	16QAM	36	20	19.49	19.57	19.41		
15	16QAM	36	39	19.55	19.64	19.54		
15	16QAM	75	0	19.42	19.54	19.37		
15	64QAM	1	0	19.52	19.61	19.51	21	2
15	64QAM	1	37	19.38	19.50	19.38		
15	64QAM	1	74	19.36	19.52	19.45		
15	64QAM	36	0	18.50	18.67	18.58	20	3
15	64QAM	36	20	18.44	18.58	18.51		
15	64QAM	36	39	18.43	18.62	18.41		
15	64QAM	75	0	18.36	18.49	18.45		
15	256QAM	1	0	17.09	17.24	17.13	18	5
15	256QAM	1	37	17.16	17.30	17.27		
15	256QAM	1	74	17.06	17.19	17.08		
15	256QAM	36	0	17.11	17.22	17.12	18	5
15	256QAM	36	20	17.00	17.10	17.15		
15	256QAM	36	39	17.05	17.13	17.09		
15	256QAM	75	0	17.09	17.15	17.00		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.72	21.75	21.63	23	0
10	QPSK	1	25	21.61	21.67	21.52		
10	QPSK	1	49	21.62	21.62	21.48		
10	QPSK	25	0	20.68	20.89	20.80	22	1
10	QPSK	25	12	20.76	20.77	20.73		
10	QPSK	25	25	20.68	20.73	20.72		
10	QPSK	50	0	20.73	20.82	20.71		
10	16QAM	1	0	20.46	20.62	20.43	22	1
10	16QAM	1	25	20.50	20.50	20.39		
10	16QAM	1	49	20.41	20.48	20.50		
10	16QAM	25	0	19.56	19.62	19.52	21	2
10	16QAM	25	12	19.54	19.63	19.44		
10	16QAM	25	25	19.51	19.66	19.59		
10	16QAM	50	0	19.48	19.59	19.40		
10	64QAM	1	0	19.52	19.62	19.45	21	2
10	64QAM	1	25	19.41	19.58	19.42		
10	64QAM	1	49	19.34	19.55	19.39		
10	64QAM	25	0	18.57	18.59	18.52	20	3
10	64QAM	25	12	18.44	18.50	18.52		
10	64QAM	25	25	18.49	18.55	18.47		
10	64QAM	50	0	18.35	18.47	18.49		
10	256QAM	1	0	17.13	17.26	17.12	18	5
10	256QAM	1	25	17.21	17.21	17.17		
10	256QAM	1	49	17.07	17.26	17.04		
10	256QAM	25	0	17.17	17.25	17.14	18	5
10	256QAM	25	12	17.01	17.16	17.04		
10	256QAM	25	25	17.11	17.13	17.07		
10	256QAM	50	0	17.09	17.18	17.03		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.69	21.79	21.59	23	0
5	QPSK	1	12	21.63	21.70	21.57		
5	QPSK	1	24	21.57	21.64	21.56		
5	QPSK	12	0	20.70	20.80	20.74	22	1
5	QPSK	12	7	20.73	20.83	20.64		
5	QPSK	12	13	20.63	20.79	20.66		
5	QPSK	25	0	20.67	20.71	20.64		
5	16QAM	1	0	20.47	20.64	20.43	22	1
5	16QAM	1	12	20.51	20.58	20.42		
5	16QAM	1	24	20.46	20.46	20.39		
5	16QAM	12	0	19.56	19.71	19.49	21	2
5	16QAM	12	7	19.45	19.64	19.49		
5	16QAM	12	13	19.48	19.59	19.54		
5	16QAM	25	0	19.42	19.59	19.47		
5	64QAM	1	0	19.56	19.57	19.42	21	2
5	64QAM	1	12	19.40	19.53	19.45		
5	64QAM	1	24	19.40	19.45	19.36		
5	64QAM	12	0	18.49	18.59	18.48	20	3
5	64QAM	12	7	18.52	18.60	18.45		
5	64QAM	12	13	18.50	18.60	18.47		
5	64QAM	25	0	18.38	18.53	18.54		
5	256QAM	1	0	17.15	17.23	17.22	18	5
5	256QAM	1	12	17.18	17.27	17.24		
5	256QAM	1	24	17.09	17.23	17.11		
5	256QAM	12	0	17.18	17.23	17.08	18	5
5	256QAM	12	7	17.04	17.18	17.13		
5	256QAM	12	13	17.13	17.17	17.06		
5	256QAM	25	0	17.17	17.22	17.04		

Band 48_FCC Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.05	20.02	19.70	19.67	23	0
20	QPSK	1	49	21.99	22.06	21.92	21.63		
20	QPSK	1	99	21.94	20.66	19.61	19.23		
20	QPSK	50	0	21.06	21.13	21.02	20.74	22	1
20	QPSK	50	24	21.02	21.10	21.00	20.69		
20	QPSK	50	50	20.98	21.06	20.94	20.62		
20	QPSK	100	0	20.93	21.14	20.97	20.68		
20	16QAM	1	0	20.87	19.11	19.03	19.00	22	1
20	16QAM	1	49	20.85	21.11	21.03	21.04		
20	16QAM	1	99	19.52	18.91	18.79	18.78		
20	16QAM	50	0	20.10	20.18	20.14	20.13	21	2
20	16QAM	50	24	20.06	20.14	20.09	20.11		
20	16QAM	50	50	20.01	20.07	19.98	19.98		
20	16QAM	100	0	20.08	20.13	20.05	20.01		
20	64QAM	1	0	18.62	18.19	18.15	18.10	21	2
20	64QAM	1	49	20.05	20.05	19.98	19.97		
20	64QAM	1	99	18.48	17.93	17.87	17.79		
20	64QAM	50	0	19.10	17.14	17.03	17.04	20	3
20	64QAM	50	24	19.03	19.15	19.11	19.11		
20	64QAM	50	50	19.07	19.10	19.02	18.99		
20	64QAM	100	0	18.98	19.20	19.11	19.15		
20	256QAM	1	0	15.47	15.07	14.98	15.00	18	5
20	256QAM	1	49	18.38	17.99	17.93	17.96		
20	256QAM	1	99	15.42	14.88	14.75	14.83		
20	256QAM	50	0	18.10	18.03	17.90	17.93	18	5
20	256QAM	50	24	18.05	18.01	17.94	17.96		
20	256QAM	50	50	17.98	18.25	18.21	18.14		
20	256QAM	100	0	18.08	18.08	17.99	18.01		
Channel				55315	55820	56140	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.97	19.90	19.55	19.59	23	0
15	QPSK	1	37	21.92	21.93	21.88	21.60		
15	QPSK	1	74	21.82	20.60	19.52	19.08		
15	QPSK	36	0	20.92	21.06	20.91	20.69	22	1
15	QPSK	36	20	20.94	20.97	20.90	20.60		
15	QPSK	36	39	20.89	20.95	20.84	20.58		
15	QPSK	75	0	20.82	21.07	20.91	20.57		
15	16QAM	1	0	20.80	18.99	18.91	18.91	22	1
15	16QAM	1	37	20.79	21.02	20.97	21.00		
15	16QAM	1	74	19.46	18.81	18.68	18.71		
15	16QAM	36	0	20.03	20.11	20.07	19.98	21	2
15	16QAM	36	20	19.93	20.04	19.98	19.99		
15	16QAM	36	39	19.92	19.97	19.92	19.90		
15	16QAM	75	0	19.95	20.05	19.98	19.88		
15	64QAM	1	0	18.51	18.10	18.07	18.06	21	2
15	64QAM	1	37	20.00	20.01	19.90	19.84		
15	64QAM	1	74	18.36	17.89	17.79	17.71		
15	64QAM	36	0	18.99	17.02	16.97	16.91	20	3
15	64QAM	36	20	18.89	19.05	18.98	19.03		
15	64QAM	36	39	19.02	19.02	18.93	18.84		
15	64QAM	75	0	18.87	19.15	19.02	19.06		
15	256QAM	1	0	15.41	14.98	14.90	14.95	18	5
15	256QAM	1	37	18.32	17.95	17.82	17.87		
15	256QAM	1	74	15.32	14.80	14.67	14.74		
15	256QAM	36	0	18.02	17.93	17.79	17.83	18	5
15	256QAM	36	20	17.93	17.92	17.84	17.82		
15	256QAM	36	39	17.93	18.15	18.08	18.02		
15	256QAM	75	0	17.99	17.94	17.93	17.90		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.01	19.93	19.57	19.61	23	0
10	QPSK	1	25	21.88	21.97	21.88	21.53		
10	QPSK	1	49	21.82	20.60	19.47	19.13		
10	QPSK	25	0	20.93	21.09	20.90	20.64	22	1
10	QPSK	25	12	20.89	20.97	20.88	20.59		
10	QPSK	25	25	20.91	21.03	20.82	20.55		
10	QPSK	50	0	20.84	21.04	20.85	20.62		
10	16QAM	1	0	20.83	19.04	18.96	18.86	22	1
10	16QAM	1	25	20.78	21.04	20.92	20.97		
10	16QAM	1	49	19.40	18.88	18.67	18.68		
10	16QAM	25	0	20.05	20.06	20.08	20.02	21	2
10	16QAM	25	12	19.96	19.99	19.96	20.08		
10	16QAM	25	25	19.96	20.02	19.83	19.87		
10	16QAM	50	0	19.98	19.98	20.04	19.89		
10	64QAM	1	0	18.96	18.11	18.10	18.06	21	2
10	64QAM	1	25	19.94	19.98	19.88	19.89		
10	64QAM	1	49	18.42	17.83	17.82	17.68		
10	64QAM	25	0	19.00	17.04	16.91	16.96	20	3
10	64QAM	25	12	18.94	19.09	19.08	19.07		
10	64QAM	25	25	19.03	19.03	18.95	18.85		
10	64QAM	50	0	18.86	19.07	19.01	19.09		
10	256QAM	1	0	15.33	15.02	14.91	14.89	18	5
10	256QAM	1	25	18.33	17.90	17.81	17.85		
10	256QAM	1	49	15.28	14.80	14.71	14.72		
10	256QAM	25	0	18.02	17.92	17.80	17.85	18	5
10	256QAM	25	12	17.91	17.94	17.82	17.89		
10	256QAM	25	25	17.84	18.19	18.08	18.05		
10	256QAM	50	0	17.94	18.05	17.88	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	21.92	19.95	19.62	19.52	23	0
5	QPSK	1	12	21.93	21.99	21.86	21.52		
5	QPSK	1	24	21.80	20.54	19.49	19.13		
5	QPSK	12	0	21.00	21.05	20.94	20.63	22	1
5	QPSK	12	7	20.94	20.97	20.87	20.58		
5	QPSK	12	13	20.85	21.03	20.91	20.48		
5	QPSK	25	0	20.83	21.05	20.86	20.61		
5	16QAM	1	0	20.79	19.00	18.91	18.91	22	1
5	16QAM	1	12	20.75	21.02	20.97	20.96		
5	16QAM	1	24	19.45	18.80	18.71	18.66		
5	16QAM	12	0	20.05	20.05	20.09	20.10	21	2
5	16QAM	12	7	19.95	20.08	19.95	19.97		
5	16QAM	12	13	19.91	20.01	19.83	19.91		
5	64QAM	25	0	20.02	19.99	19.95	19.87		
5	64QAM	1	0	18.89	18.11	18.02	18.04	21	2
5	64QAM	1	12	19.93	19.98	19.87	19.92		
5	64QAM	1	24	18.36	17.79	17.82	17.73		
5	64QAM	12	0	18.98	17.08	16.92	17.01	20	3
5	64QAM	12	7	18.90	19.11	18.98	19.01		
5	64QAM	12	13	18.99	19.06	18.94	18.89		
5	64QAM	25	0	18.88	19.09	19.02	19.09		
5	256QAM	1	0	15.42	14.96	14.84	14.87	18	5
5	256QAM	1	12	18.27	17.88	17.89	17.81		
5	256QAM	1	24	15.38	14.85	14.65	14.73		
5	256QAM	12	0	18.03	17.98	17.76	17.84	18	5
5	256QAM	12	7	17.90	17.90	17.89	17.83		
5	256QAM	12	13	17.91	18.22	18.10	18.09		
5	256QAM	25	0	17.93	17.96	17.87	17.97		

		GSM1900 Ant3 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		29.46	29.44	29.39	29.50	20.46	20.44	20.39	20.50
GPRS 1 Tx slot		29.45	29.40	29.47	29.50	20.45	20.40	20.47	20.50
GPRS 2 Tx slots		26.95	26.95	26.90	27.00	20.95	20.95	20.90	21.00
GPRS 3 Tx slots		24.15	24.51	24.18	25.50	19.89	20.25	19.92	21.24
GPRS 4 Tx slots		22.93	22.83	23.00	23.00	19.93	19.83	20.00	20.00
EDGE 1 Tx slot		26.66	26.70	26.53	28.00	17.66	17.70	17.53	19.00
EDGE 2 Tx slots		24.74	24.81	24.79	26.00	18.74	18.81	18.79	20.00
EDGE 3 Tx slots		23.43	23.53	23.47	24.50	19.17	19.27	19.21	20.24
EDGE 4 Tx slots		21.55	21.61	21.42	22.50	18.55	18.61	18.42	19.50
		WCDMA II Ant3 Default				WCDMA IV Ant3 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.70	21.74	21.57	23.20	21.50	21.68	21.55	23.00
3GPP Rel 99	RMC 12.2Kbps	21.77	21.83	21.78	23.20	21.71	21.78	21.65	23.00
3GPP Rel 6	HSDPA Subtest-1	20.89	20.73	20.90	22.20	20.73	20.87	20.54	22.00
3GPP Rel 6	HSDPA Subtest-2	20.80	20.82	20.89	22.20	20.78	20.82	20.64	22.00
3GPP Rel 6	HSDPA Subtest-3	20.29	20.43	20.25	21.70	20.26	20.33	20.15	21.50
3GPP Rel 6	HSDPA Subtest-4	20.18	20.35	20.19	21.70	20.21	20.27	20.21	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.70	20.90	20.82	22.20	20.66	20.81	20.64	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.74	20.90	20.69	22.20	20.70	20.73	20.68	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.36	20.37	20.34	21.70	20.18	20.31	20.24	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.32	20.31	20.19	21.70	20.17	20.29	20.04	21.50
3GPP Rel 6	HSUPA Subtest-1	20.78	20.78	20.79	22.20	20.81	20.87	20.66	22.00
3GPP Rel 6	HSUPA Subtest-2	18.72	18.91	18.70	20.20	18.73	18.68	18.64	20.00
3GPP Rel 6	HSUPA Subtest-3	19.76	19.81	19.75	21.20	19.72	19.84	19.62	21.00
3GPP Rel 6	HSUPA Subtest-4	18.70	18.75	18.80	20.20	18.72	18.78	18.73	20.00
3GPP Rel 6	HSUPA Subtest-5	20.77	20.95	20.72	22.20	20.65	20.72	20.70	22.00

Band 2 Ant3 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	21.13	21.17	21.11	22.7	0
20	QPSK	1	49	21.02	21.09	20.99		
20	QPSK	1	99	20.93	21.14	20.98		
20	QPSK	50	0	21.00	21.15	21.04		
20	QPSK	50	24	21.07	21.12	21.03		
20	QPSK	50	50	20.92	21.13	21.11		
20	QPSK	100	0	20.99	21.10	20.92		
20	16QAM	1	0	20.96	21.13	20.89		
20	16QAM	1	49	21.07	20.98	20.96	22.7	0
20	16QAM	1	99	21.08	21.13	20.96		
20	16QAM	50	0	21.08	21.06	20.98		
20	16QAM	50	24	21.15	21.03	21.05	22.7	0
20	16QAM	50	50	21.09	21.02	20.94		
20	16QAM	100	0	21.02	21.14	21.06		
20	64QAM	1	0	21.01	21.10	20.92		
20	64QAM	1	49	20.95	21.02	20.90	22.7	0
20	64QAM	1	99	21.01	21.12	21.04		
20	64QAM	50	0	20.95	21.14	20.99		
20	64QAM	50	24	21.10	21.13	20.98	22.7	0
20	64QAM	50	50	21.11	21.00	20.99		
20	64QAM	100	0	21.04	21.11	21.08		
20	256QAM	1	0	19.17	19.19	19.10		
20	256QAM	1	49	19.31	19.15	19.15	20.7	2
20	256QAM	1	99	19.21	19.07	19.13		
20	256QAM	50	0	19.01	19.21	19.12		
20	256QAM	50	24	19.00	19.14	18.98	20.7	2
20	256QAM	50	50	19.09	19.08	18.87		
20	256QAM	100	0	19.01	19.10	19.02		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.09	21.13	21.13	22.7	0
15	QPSK	1	37	21.03	20.91	20.94		
15	QPSK	1	74	20.77	20.99	20.80		
15	QPSK	36	0	20.99	20.94	20.97		
15	QPSK	36	20	20.94	20.91	20.86		
15	QPSK	36	39	20.93	21.10	20.98		
15	QPSK	75	0	20.79	21.01	20.79		
15	16QAM	1	0	20.77	21.02	20.71		
15	16QAM	1	37	20.96	20.83	20.94	22.7	0
15	16QAM	1	74	21.01	20.92	20.98		
15	16QAM	36	0	20.99	20.87	20.99		
15	16QAM	36	20	21.01	20.98	21.01	22.7	0
15	16QAM	36	39	20.98	20.81	20.82		
15	16QAM	75	0	20.98	21.07	20.87		
15	64QAM	1	0	20.96	20.91	20.88		
15	64QAM	1	37	20.82	20.95	20.89	22.7	0
15	64QAM	1	74	20.91	20.96	20.92		
15	64QAM	36	0	20.76	20.97	20.98		
15	64QAM	36	20	20.97	20.93	20.81	22.7	0
15	64QAM	36	39	21.07	20.90	20.91		
15	64QAM	75	0	20.98	20.97	21.05		
15	256QAM	1	0	18.95	19.04	19.08		
15	256QAM	1	37	19.32	19.09	19.07	20.7	2
15	256QAM	1	74	19.19	18.89	19.04		
15	256QAM	36	0	19.00	19.00	18.96		
15	256QAM	36	20	18.85	19.12	18.86	20.7	2
15	256QAM	36	39	19.09	18.86	18.76		
15	256QAM	75	0	18.89	19.11	19.02		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.00	21.13	21.02	22.7	0
10	QPSK	1	25	20.88	20.89	20.96		
10	QPSK	1	49	20.72	21.07	20.86		
10	QPSK	25	0	20.79	21.04	21.05		
10	QPSK	25	12	21.07	21.07	20.97	22.7	0
10	QPSK	25	25	20.89	21.13	21.11		
10	QPSK	50	0	21.01	21.06	20.81		
10	16QAM	1	0	20.86	20.97	20.78		
10	16QAM	1	25	21.06	20.83	20.81	22.7	0
10	16QAM	1	49	21.01	21.07	20.82		
10	16QAM	25	0	21.07	20.86	20.84		
10	16QAM	25	12	20.93	20.89	20.95	22.7	0
10	16QAM	25	25	21.04	20.83	20.81		
10	16QAM	50	0	21.02	20.90	20.88		
10	64QAM	1	0	20.81	21.10	20.87		
10	64QAM	1	25	20.93	20.88	20.74	22.7	0
10	64QAM	1	49	20.95	20.94	21.03		
10	64QAM	25	0	20.86	21.03	20.87		
10	64QAM	25	12	21.08	21.12	20.80	22.7	0
10	64QAM	25	25	20.95	20.85	20.93		
10	64QAM	50	0	20.87	20.93	20.93		
10	256QAM	1	0	19.03	19.01	18.99		
10	256QAM	1	25	19.30	18.98	19.09	20.7	2
10	256QAM	1	49	19.22	18.92	19.02		
10	256QAM	25	0	18.80	19.20	19.00		
10	256QAM	25	12	18.82	18.84	18.82	20.7	2
10	256QAM	25	25	19.09	18.90	18.84		
10	256QAM	50	0	18.90	19.11	18.86		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.05	21.08	20.89	22.7	0
5	QPSK	1	12	20.81	21.11	20.91		
5	QPSK	1	24	20.84	21.04	20.98		
5	QPSK	12	0	20.83	21.10	20.96		
5	QPSK	12	7	20.92	21.10	21.00	22.7	0
5	QPSK	12	13	20.82	20.95	21.11		
5	QPSK	25	0	20.82	20.97	20.73		
5	16QAM	1	0	20.83	21.01	20.78		
5	16QAM	1	12	21.02	20.89	20.82	22.7	0
5	16QAM	1	24	21.01	20.95	20.78		
5	16QAM	12	0	20.87	20.92	20.77		
5	16QAM	12	7	21.00	20.82	20.98	22.7	0
5	16QAM	12	13	20.99	20.82	20.98		
5	16QAM	25	0	20.93	20.96	20.98		
5	64QAM	1	0	20.99	20.97	20.92		
5	64QAM	1	12	20.90	20.89	20.73	22.7	0
5	64QAM	1	24	20.79	20.90	20.88		
5	64QAM	12	0	20.82	21.15	20.78		
5	64QAM	12	7	21.09	21.08	20.82	22.7	0
5	64QAM	12	13	21.13	20.80	20.97		
5	64QAM	25	0	20.96	21.05	21.08		
5	256QAM	1	0	19.12	18.98	18.94		
5	256QAM	1	12	19.10	18.94	19.08	20.7	2
5	256QAM	1	24	19.18	18.94	19.03		
5	256QAM	12	0	18.99	18.77	19.10		
5	256QAM	12	7	18.84	19.11	18.90	20.7	2
5	256QAM	12	13	18.90	18.97	18.74		
5	256QAM	25	0	18.85	18.95	18.88		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.94	21.02	21.10	22.7	0
3	QPSK	1	8	21.01	21.03	20.91		
3	QPSK	1	14	20.82	21.14	20.90		
3	QPSK	8	0	20.79	21.07	20.95		
3	QPSK	8	4	20.95	21.03	21.02	22.7	0
3	QPSK	8	7	20.70	20.99	20.98		
3	QPSK	15	0	20.83	20.88	20.75		
3	16QAM	1	0	20.83	20.96	20.85		
3	16QAM	1	8	21.04	20.92	20.88	22.7	0
3	16QAM	1	14	21.02	21.02	20.76		
3	16QAM	8	0	20.99	21.05	20.78		
3	16QAM	8	4	21.04	20.91	21.07	22.7	0
3	16QAM	8	7	20.88	20.96	20.77		
3	16QAM	15	0	20.83	21.01	21.01		
3	64QAM	1	0	21.00	21.07	20.87		
3	64QAM	1	8	20.94	20.86	20.79	22.7	0
3	64QAM	1	14	21.00	20.92	20.98		
3	64QAM	8	0	20.78	21.14	21.01		
3	64QAM	8	4	21.06	20.94	20.90	22.7	0
3	64QAM	8	7	20.95	20.90	20.86		
3	64QAM	15	0	21.01	21.02	21.00		
3	256QAM	1	0	19.12	19.14	18.94		
3	256QAM	1	8	19.11	19.02	19.14	20.7	2
3	256QAM	1	14	19.13	19.08	19.13		
3	256QAM	8	0	18.87	19.21	18.98		
3	256QAM	8	4	18.82	19.04	18.90	20.7	2
3	256QAM	8	7	18.94	18.98	18.89		
3	256QAM	15	0	18.95	19.11	18.92		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.07	21.14	20.92	22.7	0
1.4	QPSK	1	3	20.88	20.92	20.86		
1.4	QPSK	1	5	20.74	21.10	20.77		
1.4	QPSK	3	0	20.91	21.14	20.99		
1.4	QPSK	3	1	20.88	20.99	21.03		
1.4	QPSK	3	3	20.81	21.01	20.97		
1.4	QPSK	6	0	20.90	20.93	20.93	22.7	0
1.4	16QAM	1	0	20.89	21.07	20.87	22.7	0
1.4	16QAM	1	3	21.05	20.77	20.83		
1.4	16QAM	1	5	21.00	21.06	20.76		
1.4	16QAM	3	0	20.94	20.89	20.94		
1.4	16QAM	3	1	21.05	20.88	20.86		
1.4	16QAM	3	3	20.93	20.86	20.76		
1.4	16QAM	6	0	20.95	21.09	20.85	22.7	0
1.4	64QAM	1	0	20.80	21.11	20.74	22.7	0
1.4	64QAM	1	3	20.87	21.03	20.73		
1.4	64QAM	1	5	20.84	21.02	20.83		
1.4	64QAM	3	0	20.81	20.97	20.87		
1.4	64QAM	3	1	20.95	20.97	20.84		
1.4	64QAM	3	3	21.10	20.82	20.77		
1.4	64QAM	6	0	20.84	20.97	21.08	22.7	0
1.4	256QAM	1	0	19.14	19.07	19.03	20.7	2
1.4	256QAM	1	3	19.15	19.15	19.07		
1.4	256QAM	1	5	19.08	18.93	19.13		
1.4	256QAM	3	0	18.95	19.11	19.12		
1.4	256QAM	3	1	18.95	18.95	18.90		
1.4	256QAM	3	3	19.09	19.02	18.78		
1.4	256QAM	6	0	18.89	18.91	18.97	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.87	20.96	20.93	22.4	0
20	QPSK	1	49	20.81	20.84	20.77		
20	QPSK	1	99	20.78	20.90	20.82		
20	QPSK	50	0	20.69	20.94	20.82		
20	QPSK	50	24	20.88	20.85	20.85		
20	QPSK	50	50	20.77	20.75	20.85		
20	QPSK	100	0	20.89	20.90	20.89		
20	16QAM	1	0	20.76	20.76	20.94		
20	16QAM	1	49	20.88	20.88	20.75	22.4	0
20	16QAM	1	99	20.70	20.94	20.73		
20	16QAM	50	0	20.74	20.90	20.94		
20	16QAM	50	24	20.76	20.75	20.90	22.4	0
20	16QAM	50	50	20.66	20.80	20.73		
20	16QAM	100	0	20.86	20.79	20.89		
20	64QAM	1	0	20.66	20.86	20.79		
20	64QAM	1	49	20.72	20.75	20.79	22.4	0
20	64QAM	1	99	20.82	20.80	20.83		
20	64QAM	50	0	20.67	20.92	20.95		
20	64QAM	50	24	20.76	20.82	20.89	22.4	0
20	64QAM	50	50	20.75	20.94	20.84		
20	64QAM	100	0	20.76	20.84	20.89		
20	256QAM	1	0	18.74	19.06	18.67		
20	256QAM	1	49	18.87	18.96	18.98	20.4	2
20	256QAM	1	99	18.93	18.90	18.80		
20	256QAM	50	0	18.53	18.93	18.87		
20	256QAM	50	24	18.80	18.76	18.81	20.4	2
20	256QAM	50	50	18.63	18.73	18.52		
20	256QAM	100	0	18.54	18.86	18.50		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.88	20.82	20.77	22.4	0
15	QPSK	1	37	20.68	20.68	20.57		
15	QPSK	1	74	20.77	20.93	20.64		
15	QPSK	36	0	20.55	20.92	20.73		
15	QPSK	36	20	20.87	20.68	20.86	22.4	0
15	QPSK	36	39	20.63	20.66	20.68		
15	QPSK	75	0	20.90	20.69	20.69		
15	16QAM	1	0	20.57	20.72	20.81		
15	16QAM	1	37	20.76	20.85	20.76	22.4	0
15	16QAM	1	74	20.67	20.74	20.59		
15	16QAM	36	0	20.53	20.77	20.81		
15	16QAM	36	20	20.75	20.59	20.88	22.4	0
15	16QAM	36	39	20.68	20.65	20.67		
15	16QAM	75	0	20.77	20.79	20.71		
15	64QAM	1	0	20.56	20.69	20.59		
15	64QAM	1	37	20.54	20.70	20.76	22.4	0
15	64QAM	1	74	20.73	20.61	20.63		
15	64QAM	36	0	20.50	20.78	20.88		
15	64QAM	36	20	20.58	20.69	20.75	22.4	0
15	64QAM	36	39	20.60	20.93	20.77		
15	64QAM	75	0	20.75	20.84	20.75		
15	256QAM	1	0	18.71	19.02	18.57		
15	256QAM	1	37	18.81	18.86	18.78	20.4	2
15	256QAM	1	74	18.90	18.89	18.71		
15	256QAM	36	0	18.54	18.88	18.69		
15	256QAM	36	20	18.75	18.74	18.80	20.4	2
15	256QAM	36	39	18.61	18.84	18.41		
15	256QAM	75	0	18.57	18.65	18.48		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.80	20.82	20.76	22.4	0
10	QPSK	1	25	20.74	20.85	20.71		
10	QPSK	1	49	20.61	20.92	20.71		
10	QPSK	25	0	20.49	20.89	20.69		
10	QPSK	25	12	20.80	20.74	20.71	22.4	0
10	QPSK	25	25	20.55	20.88	20.82		
10	QPSK	50	0	20.69	20.68	20.76		
10	16QAM	1	0	20.67	20.57	20.73		
10	16QAM	1	25	20.86	20.75	20.58	22.4	0
10	16QAM	1	49	20.78	20.61	20.82		
10	16QAM	25	0	20.65	20.75	20.94		
10	16QAM	25	12	20.54	20.53	20.86	22.4	0
10	16QAM	25	25	20.56	20.79	20.55		
10	16QAM	50	0	20.67	20.66	20.71		
10	64QAM	1	0	20.51	20.83	20.70		
10	64QAM	1	25	20.60	20.76	20.59	22.4	0
10	64QAM	1	49	20.83	20.75	20.84		
10	64QAM	25	0	20.54	20.71	20.75		
10	64QAM	25	12	20.76	20.72	20.78	22.4	0
10	64QAM	25	25	20.74	20.82	20.65		
10	64QAM	50	0	20.59	20.71	20.75		
10	256QAM	1	0	18.75	19.04	18.68		
10	256QAM	1	25	18.88	18.76	18.98	20.4	2
10	256QAM	1	49	18.81	18.74	18.66		
10	256QAM	25	0	18.49	18.86	18.76		
10	256QAM	25	12	18.74	18.64	18.79	20.4	2
10	256QAM	25	25	18.69	18.71	18.64		
10	256QAM	50	0	18.43	18.65	18.47		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.85	20.79	20.85	22.4	0
5	QPSK	1	12	20.60	20.66	20.61		
5	QPSK	1	24	20.57	20.84	20.66		
5	QPSK	12	0	20.58	20.91	20.70		
5	QPSK	12	7	20.80	20.69	20.84	22.4	0
5	QPSK	12	13	20.63	20.75	20.87		
5	QPSK	25	0	20.83	20.77	20.69		
5	16QAM	1	0	20.72	20.66	20.72		
5	16QAM	1	12	20.85	20.82	20.66	22.4	0
5	16QAM	1	24	20.50	20.91	20.52		
5	16QAM	12	0	20.56	20.73	20.79		
5	16QAM	12	7	20.74	20.72	20.77	22.4	0
5	16QAM	12	13	20.63	20.76	20.71		
5	16QAM	25	0	20.66	20.58	20.78		
5	64QAM	1	0	20.59	20.81	20.64		
5	64QAM	1	12	20.68	20.70	20.61	22.4	0
5	64QAM	1	24	20.65	20.70	20.68		
5	64QAM	12	0	20.48	20.81	20.92		
5	64QAM	12	7	20.60	20.68	20.88	22.4	0
5	64QAM	12	13	20.59	20.76	20.82		
5	64QAM	25	0	20.69	20.85	20.80		
5	256QAM	1	0	18.45	18.73	18.77		
5	256QAM	1	12	18.64	18.66	18.69	20.4	2
5	256QAM	1	24	18.85	18.64	18.49		
5	256QAM	12	0	18.45	18.85	18.83		
5	256QAM	12	7	18.81	18.76	18.64	20.4	2
5	256QAM	12	13	18.67	18.58	18.42		
5	256QAM	25	0	18.54	18.67	18.46		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.66	20.89	20.78	22.4	0
3	QPSK	1	8	20.82	20.65	20.60		
3	QPSK	1	14	20.71	20.95	20.82		
3	QPSK	8	0	20.52	20.79	20.78		
3	QPSK	8	4	20.78	20.67	20.65	22.4	0
3	QPSK	8	7	20.77	20.68	20.85		
3	QPSK	15	0	20.78	20.72	20.69		
3	16QAM	1	0	20.71	20.62	20.92		
3	16QAM	1	8	20.80	20.72	20.59	22.4	0
3	16QAM	1	14	20.52	20.95	20.71		
3	16QAM	8	0	20.75	20.84	20.95		
3	16QAM	8	4	20.62	20.56	20.83	22.4	0
3	16QAM	8	7	20.52	20.81	20.74		
3	16QAM	15	0	20.68	20.70	20.68		
3	64QAM	1	0	20.58	20.65	20.79		
3	64QAM	1	8	20.69	20.71	20.57	22.4	0
3	64QAM	1	14	20.62	20.71	20.72		
3	64QAM	8	0	20.65	20.76	20.88		
3	64QAM	8	4	20.73	20.68	20.91	22.4	0
3	64QAM	8	7	20.66	20.79	20.79		
3	64QAM	15	0	20.59	20.64	20.91		
3	256QAM	1	0	18.59	18.87	18.68		
3	256QAM	1	8	18.80	18.78	18.76	20.4	2
3	256QAM	1	14	18.93	18.70	18.74		
3	256QAM	8	0	18.66	18.84	18.84		
3	256QAM	8	4	18.76	18.64	18.81	20.4	2
3	256QAM	8	7	18.70	18.72	18.50		
3	256QAM	15	0	18.40	18.59	18.60		
Channel				19967	20175	20383	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.82	20.88	20.95	22.4	0
1.4	QPSK	1	3	20.67	20.68	20.63		
1.4	QPSK	1	5	20.75	20.86	20.72		
1.4	QPSK	3	0	20.67	20.75	20.66		
1.4	QPSK	3	1	20.77	20.68	20.71		
1.4	QPSK	3	3	20.77	20.73	20.79		
1.4	QPSK	6	0	20.70	20.76	20.87	22.4	0
1.4	16QAM	1	0	20.54	20.64	20.84	22.4	0
1.4	16QAM	1	3	20.66	20.67	20.57		
1.4	16QAM	1	5	20.50	20.80	20.70		
1.4	16QAM	3	0	20.69	20.92	20.80		
1.4	16QAM	3	1	20.63	20.65	20.88		
1.4	16QAM	3	3	20.54	20.74	20.65		
1.4	16QAM	6	0	20.86	20.60	20.72	22.4	0
1.4	64QAM	1	0	20.62	20.69	20.67	22.4	0
1.4	64QAM	1	3	20.54	20.74	20.74		
1.4	64QAM	1	5	20.64	20.80	20.73		
1.4	64QAM	3	0	20.58	20.72	20.76		
1.4	64QAM	3	1	20.77	20.71	20.70		
1.4	64QAM	3	3	20.67	20.82	20.81		
1.4	64QAM	6	0	20.54	20.73	20.77	22.4	0
1.4	256QAM	1	0	18.76	18.91	18.61	20.4	2
1.4	256QAM	1	3	18.70	18.80	18.93		
1.4	256QAM	1	5	18.91	18.73	18.66		
1.4	256QAM	3	0	18.49	18.82	18.89		
1.4	256QAM	3	1	18.70	18.58	18.69		
1.4	256QAM	3	3	18.70	18.59	18.50		
1.4	256QAM	6	0	18.46	18.65	18.43	20.4	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.00	19.12	19.10	20.7	0
20	QPSK	1	49	19.02	18.92	18.98		
20	QPSK	1	99	18.82	19.05	18.99		
20	QPSK	50	0	18.90	19.10	18.91		
20	QPSK	50	24	18.85	18.74	18.97		
20	QPSK	50	50	18.84	18.83	19.01		
20	QPSK	100	0	18.85	19.02	18.73		
20	16QAM	1	0	18.88	18.89	18.94		
20	16QAM	1	49	18.79	19.06	18.85	20.7	0
20	16QAM	1	99	18.89	18.81	18.90		
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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				132072	132222	132372		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.05	21.08	20.93		
20	QPSK	1	49	20.99	21.07	20.74	22.4	0
20	QPSK	1	99	21.01	20.91	20.72		
20	QPSK	50	0	20.88	21.07	20.73		
20	QPSK	50	24	21.05	21.02	20.72	22.4	0
20	QPSK	50	50	20.92	21.05	20.88		
20	QPSK	100	0	20.83	21.00	20.91		
20	16QAM	1	0	20.96	20.91	20.74		
20	16QAM	1	49	20.93	20.98	20.74	22.4	0
20	16QAM	1	99	20.83	20.92	20.76		
20	16QAM	50	0	20.90	21.03	20.80		
20	16QAM	50	24	20.93	20.99	20.81	22.4	0
20	16QAM	50	50	20.91	21.01	20.72		
20	16QAM	100	0	20.99	21.02	20.94		
20	64QAM	1	0	20.84	21.05	20.81		
20	64QAM	1	49	21.04	21.04	20.76	22.4	0
20	64QAM	1	99	21.04	20.92	20.90		
20	64QAM	50	0	20.87	20.99	20.77		
20	64QAM	50	24	20.85	20.89	20.81	22.4	0
20	64QAM	50	50	20.94	20.98	20.90		
20	64QAM	100	0	20.84	20.98	20.76		
20	256QAM	1	0	19.12	19.10	18.99		
20	256QAM	1	49	19.26	19.15	19.08	20.4	2
20	256QAM	1	99	19.05	19.20	19.36		
20	256QAM	50	0	19.31	19.04	19.14		
20	256QAM	50	24	19.13	19.14	19.14	20.4	2
20	256QAM	50	50	19.11	19.17	19.28		
20	256QAM	100	0	19.23	19.22	19.10		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.00	20.96	20.81		
15	QPSK	1	37	20.83	21.00	20.61	22.4	0
15	QPSK	1	74	20.96	20.90	20.64		
15	QPSK	36	0	20.89	20.95	20.73		
15	QPSK	36	20	20.84	21.00	20.54	22.4	0
15	QPSK	36	39	20.84	20.99	20.68		
15	QPSK	75	0	20.67	20.95	20.76		
15	16QAM	1	0	20.88	20.93	20.55		
15	16QAM	1	37	20.86	20.92	20.69	22.4	0
15	16QAM	1	74	20.62	20.91	20.56		
15	16QAM	36	0	20.69	21.00	20.63		
15	16QAM	36	20	20.75	20.94	20.60	22.4	0
15	16QAM	36	39	20.84	20.84	20.59		
15	16QAM	75	0	20.90	20.80	20.90		
15	64QAM	1	0	20.64	21.07	20.76		
15	64QAM	1	37	20.99	20.84	20.66	22.4	0
15	64QAM	1	74	21.04	20.78	20.85		
15	64QAM	36	0	20.78	20.87	20.67		
15	64QAM	36	20	20.86	20.68	20.80	22.4	0
15	64QAM	36	39	20.78	20.85	20.71		
15	64QAM	75	0	20.78	20.85	20.57		
15	256QAM	1	0	19.13	19.03	18.86		
15	256QAM	1	37	19.22	19.06	19.04	20.4	2
15	256QAM	1	74	19.00	19.00	19.25		
15	256QAM	36	0	19.31	18.99	19.00		
15	256QAM	36	20	19.09	19.02	18.95	20.4	2
15	256QAM	36	39	18.93	18.97	19.25		
15	256QAM	75	0	19.07	19.14	19.12		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.86	21.05	20.86		
10	QPSK	1	25	20.95	20.99	20.73	22.4	0
10	QPSK	1	49	20.95	20.71	20.64		
10	QPSK	25	0	20.66	21.07	20.73		
10	QPSK	25	12	20.85	20.83	20.72	22.4	0
10	QPSK	25	25	20.79	20.87	20.73		
10	QPSK	50	0	20.68	20.86	20.86		
10	16QAM	1	0	20.81	20.90	20.71		
10	16QAM	1	25	20.95	20.84	20.74	22.4	0
10	16QAM	1	49	20.74	20.78	20.74		
10	16QAM	25	0	20.79	21.03	20.74		
10	16QAM	25	12	20.74	20.81	20.67	22.4	0
10	16QAM	25	25	20.88	20.81	20.60		
10	16QAM	50	0	20.97	20.97	20.79		
10	64QAM	1	0	20.76	20.85	20.62		
10	64QAM	1	25	21.05	20.85	20.76	22.4	0
10	64QAM	1	49	20.95	20.87	20.79		
10	64QAM	25	0	20.82	20.87	20.70		
10	64QAM	25	12	20.69	20.89	20.80	22.4	0
10	64QAM	25	25	20.82	20.98	20.86		
10	64QAM	50	0	20.64	20.79	20.60		
10	256QAM	1	0	19.10	18.97	18.88		
10	256QAM	1	25	19.04	19.13	18.91	20.4	2
10	256QAM	1	49	18.96	19.07	19.15		
10	256QAM	25	0	19.24	18.88	19.10		
10	256QAM	25	12	18.95	19.01	19.10	20.4	2
10	256QAM	25	25	18.94	18.99	19.08		
10	256QAM	50	0	19.14	19.02	18.96		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.89	20.87	20.76		
5	QPSK	1	12	20.86	21.01	20.66	22.4	0
5	QPSK	1	24	20.82	20.82	20.52		
5	QPSK	12	0	20.75	21.05	20.73		
5	QPSK	12	7	20.96	20.87	20.63	22.4	0
5	QPSK	12	13	20.75	21.03	20.84		
5	QPSK	25	0	20.83	21.01	20.78		
5	16QAM	1	0	20.76	20.84	20.62		
5	16QAM	1	12	20.90	20.78	20.73	22.4	0
5	16QAM	1	24	20.84	20.92	20.55		
5	16QAM	12	0	20.78	21.01	20.60		
5	16QAM	12	7	20.88	20.90	20.62	22.4	0
5	16QAM	12	13	20.81	20.89	20.69		
5	16QAM	25	0	21.00	20.85	20.94		
5	64QAM	1	0	20.78	20.98	20.60		
5	64QAM	1	12	21.04	20.85	20.63	22.4	0
5	64QAM	1	24	20.86	20.88	20.79		
5	64QAM	12	0	20.81	21.00	20.70		
5	64QAM	12	7	20.87	20.84	20.60	22.4	0
5	64QAM	12	13	20.72	20.83	20.92		
5	64QAM	25	0	20.75	20.82	20.64		
5	256QAM	1	0	19.00	18.89	19.01		
5	256QAM	1	12	19.25	19.04	19.04	20.4	2
5	256QAM	1	24	18.98	19.00	19.37		
5	256QAM	12	0	19.22	18.85	18.99		
5	256QAM	12	7	19.11	19.03	19.05	20.4	2
5	256QAM	12	13	18.97	19.11	19.28		
5	256QAM	25	0	19.08	19.14	19.09		
Channel				131867	132222	132582	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.88	21.04	20.89		
3	QPSK	1	8	20.88	21.03	20.76	22.4	0
3	QPSK	1	14	20.97	20.91	20.71		
3	QPSK	8	0	20.82	20.97	20.54		
3	QPSK	8	4	20.91	21.03	20.69	22.4	0
3	QPSK	8	7	20.77	20.98	20.81		
3	QPSK	15	0	20.76	20.85	20.73		
3	16QAM	1	0	20.83	20.69	20.72		
3	16QAM	1	8	20.89	20.97	20.62	22.4	0
3	16QAM	1	14	20.73	20.88	20.59		
3	16QAM	8	0	20.89	20.98	20.66		
3	16QAM	8	4	20.78	20.77	20.59	22.4	0
3	16QAM	8	7	20.72	20.91	20.65		
3	16QAM	15	0	20.78	21.00	20.95		
3	64QAM	1	0	20.82	20.89	20.79		
3	64QAM	1	8	20.95	20.95	20.77	22.4	0
3	64QAM	1	14	20.92	20.94	20.90		
3	64QAM	8	0	20.68	20.80	20.64		
3	64QAM	8	4	20.66	20.68	20.77	22.4	0
3	64QAM	8	7	20.87	20.77	20.69		
3	64QAM	15	0	20.83	20.83	20.77		
3	256QAM	1	0	19.14	18.97	18.96		
3	256QAM	1	8	19.12	19.02	18.89	20.4	2
3	256QAM	1	14	19.02	19.19	19.23		
3	256QAM	8	0	19.28	18.93	19.00		
3	256QAM	8	4	19.08	19.06	18.92	20.4	2
3	256QAM	8	7	18.90	19.10	19.17		
3	256QAM	15	0	19.02	19.05	19.10		
Channel				131978	132222	132465	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.92	20.87	20.74		
1.4	QPSK	1	3	20.94	20.90	20.62		
1.4	QPSK	1	5	20.87	20.71	20.56	22.4	0
1.4	QPSK	3	0	20.86	20.98	20.63		
1.4	QPSK	3	1	20.90	21.00	20.73		
1.4	QPSK	3	3	20.71	20.94	20.87		
1.4	QPSK	6	0	20.82	20.93	20.89	22.4	0
1.4	16QAM	1	0	20.90	20.75	20.55		
1.4	16QAM	1	3	20.86	20.97	20.56		
1.4	16QAM	1	5	20.64	20.87	20.75	22.4	0
1.4	16QAM	3	0	20.72	20.87	20.72		
1.4	16QAM	3	1	20.83	20.87	20.73		
1.4	16QAM	3	3	20.71	21.00	20.55		
1.4	16QAM	6	0	20.87	20.99	20.96	22.4	0
1.4	64QAM	1	0	20.68	20.95	20.80		
1.4	64QAM	1	3	20.83	21.01	20.63		
1.4	64QAM	1	5	20.85	20.82	20.83	22.4	0
1.4	64QAM	3	0	20.85	20.93	20.77		
1.4	64QAM	3	1	20.76	20.75	20.71		
1.4	64QAM	3	3	20.79	20.80	20.86		
1.4	64QAM	6	0	20.69	20.85	20.57	22.4	0
1.4	256QAM	1	0	19.05	19.06	18.95		
1.4	256QAM	1	3	19.11	19.17	18.86		
1.4	256QAM	1	5	18.93	19.05	19.34	20.4	2
1.4	256QAM	3	0	19.31	18.87	19.13		
1.4	256QAM	3	1	18.99	19.12	19.05		
1.4	256QAM	3	3	18.91	19.16	19.19		
1.4	256QAM	6	0	19.03	19.17	19.07	20.4	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	21.52	21.55	21.50	22.6	0
20	QPSK	1	49	21.38	21.46	21.31		
20	QPSK	1	99	21.36	21.44	21.37		
20	QPSK	50	0	21.47	21.53	21.45	22.6	0
20	QPSK	50	24	21.30	21.44	21.30		
20	QPSK	50	50	21.30	21.38	21.52		
20	QPSK	100	0	21.46	21.50	21.35		
20	16QAM	1	0	21.34	21.39	21.48	22.6	0
20	16QAM	1	49	21.40	21.52	21.37		
20	16QAM	1	99	21.44	21.36	21.42		
20	16QAM	50	0	21.32	21.46	21.32	22.6	0
20	16QAM	50	24	21.42	21.45	21.41		
20	16QAM	50	50	21.42	21.36	21.36		
20	16QAM	100	0	21.40	21.40	21.40		
20	64QAM	1	0	21.46	21.52	21.50	22.6	0
20	64QAM	1	49	21.48	21.52	21.30		
20	64QAM	1	99	21.36	21.49	21.42		
20	64QAM	50	0	21.41	21.43	21.39	22.6	0
20	64QAM	50	24	21.34	21.38	21.36		
20	64QAM	50	50	21.33	21.47	21.40		
20	64QAM	100	0	21.33	21.34	21.48		
20	256QAM	1	0	19.34	19.40	19.25	20.6	2
20	256QAM	1	49	19.30	19.35	19.22		
20	256QAM	1	99	19.23	19.39	19.47		
20	256QAM	50	0	19.35	19.45	19.31	20.6	2
20	256QAM	50	24	19.21	19.10	19.27		
20	256QAM	50	50	19.40	19.20	19.46		
20	256QAM	100	0	19.40	19.23	19.45		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.45	21.41	21.37	22.6	0
15	QPSK	1	37	21.36	21.43	21.25		
15	QPSK	1	74	21.15	21.32	21.24		
15	QPSK	36	0	21.31	21.53	21.23	22.6	0
15	QPSK	36	20	21.18	21.28	21.28		
15	QPSK	36	39	21.11	21.39	21.36		
15	QPSK	75	0	21.40	21.38	21.26		
15	16QAM	1	0	21.18	21.38	21.27	22.6	0
15	16QAM	1	37	21.18	21.36	21.20		
15	16QAM	1	74	21.30	21.31	21.42		
15	16QAM	36	0	21.20	21.44	21.19	22.6	0
15	16QAM	36	20	21.32	21.41	21.42		
15	16QAM	36	39	21.24	21.16	21.30		
15	16QAM	75	0	21.21	21.29	21.27		
15	64QAM	1	0	21.26	21.46	21.42	22.6	0
15	64QAM	1	37	21.34	21.50	21.19		
15	64QAM	1	74	21.31	21.50	21.36		
15	64QAM	36	0	21.31	21.39	21.35	22.6	0
15	64QAM	36	20	21.29	21.31	21.24		
15	64QAM	36	39	21.24	21.36	21.30		
15	64QAM	75	0	21.18	21.34	21.30		
15	256QAM	1	0	19.24	19.26	19.04	20.6	2
15	256QAM	1	37	19.27	19.25	19.13		
15	256QAM	1	74	19.10	19.19	19.25		
15	256QAM	36	0	19.35	19.37	19.22	20.6	2
15	256QAM	36	20	19.22	19.05	19.10		
15	256QAM	36	39	19.39	19.17	19.45		
15	256QAM	75	0	19.42	19.19	19.45		
Channel				37500	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.51	21.39	21.47	22.6	0
10	QPSK	1	25	21.16	21.32	21.21		
10	QPSK	1	49	21.21	21.24	21.22		
10	QPSK	25	0	21.32	21.35	21.30	22.6	0
10	QPSK	25	12	21.19	21.40	21.11		
10	QPSK	25	25	21.10	21.21	21.47		
10	QPSK	50	0	21.33	21.31	21.15		
10	16QAM	1	0	21.32	21.36	21.41	22.6	0
10	16QAM	1	25	21.37	21.52	21.17		
10	16QAM	1	49	21.26	21.31	21.20		
10	16QAM	25	0	21.20	21.29	21.30	22.6	0
10	16QAM	25	12	21.30	21.29	21.24		
10	16QAM	25	25	21.25	21.32	21.20		
10	16QAM	50	0	21.27	21.33	21.21		
10	64QAM	1	0	21.46	21.46	21.46	22.6	0
10	64QAM	1	25	21.27	21.42	21.25		
10	64QAM	1	49	21.25	21.38	21.35		
10	64QAM	25	0	21.37	21.42	21.33	22.6	0
10	64QAM	25	12	21.26	21.34	21.24		
10	64QAM	25	25	21.24	21.33	21.27		
10	64QAM	50	0	21.29	21.15	21.28		
10	256QAM	1	0	19.15	19.31	19.22	20.6	2
10	256QAM	1	25	19.15	19.34	19.20		
10	256QAM	1	49	19.07	19.40	19.49		
10	256QAM	25	0	19.25	19.40	19.18	20.6	2
10	256QAM	25	12	19.00	19.07	19.08		
10	256QAM	25	25	19.36	19.15	19.27		
10	256QAM	50	0	19.38	19.17	19.30		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2617.5		
5	QPSK	1	0	21.50	21.54	21.30	22.6	0
5	QPSK	1	12	21.25	21.35	21.10		
5	QPSK	1	24	21.34	21.46	21.17		
5	QPSK	12	0	21.26	21.49	21.38	22.6	0
5	QPSK	12	7	21.30	21.40	21.22		
5	QPSK	12	13	21.14	21.32	21.51		
5	QPSK	25	0	21.36	21.47	21.17		
5	16QAM	1	0	21.28	21.34	21.34	22.6	0
5	16QAM	1	12	21.35	21.49	21.16		
5	16QAM	1	24	21.34	21.15	21.23		
5	16QAM	12	0	21.28	21.42	21.13	22.6	0
5	16QAM	12	7	21.22	21.45	21.26		
5	16QAM	12	13	21.33	21.38	21.22		
5	16QAM	25	0	21.24	21.19	21.26		
5	64QAM	1	0	21.35	21.43	21.46	22.6	0
5	64QAM	1	12	21.26	21.49	21.27		
5	64QAM	1	24	21.30	21.47	21.31		
5	64QAM	12	0	21.32	21.23	21.22	22.6	0
5	64QAM	12	7	21.34	21.32	21.22		
5	64QAM	12	13	21.13	21.44	21.29		
5	64QAM	25	0	21.22	21.14	21.41		
5	256QAM	1	0	19.28	19.22	19.16	20.6	2
5	256QAM	1	12	19.23	19.21	19.01		
5	256QAM	1	24	19.17	19.22	19.48		
5	256QAM	12	0	19.13	19.25	19.18	20.6	2
5	256QAM	12	7	19.01	18.93	19.28		
5	256QAM	12	13	19.23	19.18	19.37		
5	256QAM	25	0	19.39	19.11	19.44		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.42	21.42	21.54	21.51	21.52	22.6	0
20	QPSK	1	49	21.25	21.40	21.42	21.29	21.40		
20	QPSK	1	99	21.31	21.23	21.51	21.30	21.53		
20	QPSK	50	0	21.31	21.30	21.52	21.30	21.48	22.6	0
20	QPSK	50	24	21.42	21.29	21.42	21.44	21.32		
20	QPSK	50	50	21.35	21.33	21.32	21.42	21.45		
20	QPSK	100	0	21.42	21.41	21.50	21.43	21.45		
20	16QAM	1	0	21.36	21.25	21.47	21.44	21.33	22.6	0
20	16QAM	1	49	21.41	21.33	21.52	21.32	21.31		
20	16QAM	1	99	21.22	21.39	21.53	21.45	21.46		
20	16QAM	50	0	21.29	21.35	21.36	21.44	21.44	22.6	0
20	16QAM	50	24	21.28	21.32	21.35	21.40	21.32		
20	16QAM	50	50	21.28	21.21	21.46	21.39	21.38		
20	16QAM	100	0	21.27	21.43	21.50	21.33	21.40		
20	64QAM	1	0	21.36	21.30	21.36	21.50	21.38	22.6	0
20	64QAM	1	49	21.30	21.26	21.46	21.36	21.42		
20	64QAM	1	99	21.37	21.42	21.33	21.41	21.43		
20	64QAM	50	0	21.38	21.29	21.45	21.49	21.36	22.6	0
20	64QAM	50	24	21.44	21.26	21.36	21.52	21.51		
20	64QAM	50	50	21.29	21.32	21.53	21.37	21.48		
20	64QAM	100	0	21.28	21.29	21.44	21.42	21.32		
20	256QAM	1	0	19.55	19.49	19.43	19.39	19.58	20.6	2
20	256QAM	1	49	19.54	19.67	19.50	19.58	19.50		
20	256QAM	1	99	19.48	19.46	19.55	19.45	19.50		
20	256QAM	50	0	19.50	19.51	19.48	19.47	19.42	20.6	2
20	256QAM	50	24	19.60	19.65	19.55	19.61	19.51		
20	256QAM	50	50	19.62	19.46	19.42	19.41	19.48		
20	256QAM	100	0	19.59	19.66	19.58	19.56	19.49		
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	21.25	21.37	21.44	21.36	21.38	23	0
15	QPSK	1	37	21.19	21.39	21.42	21.31	21.40		
15	QPSK	1	74	21.21	21.09	21.36	21.09	21.49		
15	QPSK	36	0	21.27	21.09	21.51	21.27	21.46	22.6	0
15	QPSK	36	20	21.29	21.24	21.25	21.45	21.28		
15	QPSK	36	39	21.17	21.24	21.11	21.30	21.34		
15	QPSK	75	0	21.23	21.22	21.34	21.31	21.41		
15	16QAM	1	0	21.19	21.16	21.38	21.31	21.18	22.6	0
15	16QAM	1	37	21.33	21.17	21.41	21.20	21.16		
15	16QAM	1	74	21.01	21.40	21.40	21.36	21.47		
15	16QAM	36	0	21.23	21.28	21.26	21.39	21.25	22.6	0
15	16QAM	36	20	21.15	21.14	21.22	21.34	21.32		
15	16QAM	36	39	21.09	21.18	21.41	21.34	21.40		
15	16QAM	75	0	21.26	21.39	21.33	21.12	21.42		
15	64QAM	1	0	21.26	21.28	21.34	21.47	21.38	22.6	0
15	64QAM	1	37	21.20	21.05	21.45	21.34	21.25		
15	64QAM	1	74	21.16	21.20	21.30	21.32	21.26		
15	64QAM	36	0	21.27	21.29	21.31	21.28	21.18	22.6	0
15	64QAM	36	20	21.39	21.12	21.23	21.32	21.46		
15	64QAM	36	39	21.20	21.25	21.45	21.23	21.48		
15	64QAM	75	0	21.18	21.10	21.37	21.27	21.31		
15	256QAM	1	0	19.54	19.34	19.26	19.38	19.59	20.6	2
15	256QAM	1	37	19.36	19.59	19.47	19.54	19.40		
15	256QAM	1	74	19.29	19.45	19.54	19.25	19.38		
15	256QAM	36	0	19.41	19.39	19.38	19.45	19.41	20.6	2
15	256QAM	36	20	19.50	19.46	19.50	19.50	19.48		
15	256QAM	36	39	19.47	19.34	19.39	19.32	19.39		
15	256QAM	75	0	19.56	19.67	19.46	19.37	19.40		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.26	21.28	21.39	21.46	21.36	23	0
10	QPSK	1	25	21.22	21.29	21.26	21.24	21.22		
10	QPSK	1	49	21.19	21.23	21.49	21.23	21.50		
10	QPSK	25	0	21.11	21.26	21.31	21.09	21.40	22.6	0
10	QPSK	25	12	21.29	21.17	21.29	21.31	21.32		
10	QPSK	25	25	21.18	21.22	21.19	21.30	21.24		
10	QPSK	50	0	21.26	21.42	21.38	21.29	21.43		
10	16QAM	1	0	21.30	21.06	21.30	21.28	21.27	22.6	0
10	16QAM	1	25	21.38	21.12	21.52	21.23	21.23		
10	16QAM	1	49	21.19	21.39	21.37	21.37	21.44		
10	16QAM	25	0	21.25	21.21	21.37	21.35	21.26	22.6	0
10	16QAM	25	12	21.07	21.22	21.37	21.20	21.23		
10	16QAM	25	25	21.12	21.17	21.32	21.37	21.19		
10	16QAM	50	0	21.27	21.30	21.38	21.15	21.36		
10	64QAM	1	0	21.25	21.17	21.26	21.31	21.33	22.6	0
10	64QAM	1	25	21.30	21.16	21.34	21.17	21.32		
10	64QAM	1	49	21.22	21.33	21.27	21.21	21.39		
10	64QAM	25	0	21.17	21.21	21.30	21.28	21.25	22.6	0
10	64QAM	25	12	21.32	21.26	21.34	21.51	21.50		
10	64QAM	25	25	21.28	21.26	21.31	21.25	21.50		
10	64QAM	50	0	21.19	21.15	21.37	21.36	21.32		
10	256QAM	1	0	19.39	19.49	19.29	19.34	19.39	20.6	2
10	256QAM	1	25	19.33	19.54	19.49	19.43	19.48		
10	256QAM	1	49	19.35	19.47	19.39	19.46	19.50		
10	256QAM	25	0	19.44	19.45	19.36	19.46	19.29	20.6	2
10	256QAM	25	12	19.58	19.64	19.35	19.53	19.35		
10	256QAM	25	25	19.58	19.35	19.28	19.37	19.35		
10	256QAM	50	0	19.48	19.52	19.36	19.51	19.30		
Channel				39775	40142	40509	41093	41660	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.40	21.35	21.37	21.47	21.49	23	0
5	QPSK	1	12	21.18	21.33	21.32	21.22	21.21		
5	QPSK	1	24	21.22	21.12	21.51	21.25	21.35		
5	QPSK	12	0	21.31	21.20	21.33	21.19	21.48	22.6	0
5	QPSK	12	7	21.28	21.16	21.41	21.33	21.18		
5	QPSK	12	13	21.23	21.34	21.20	21.39	21.41		
5	QPSK	25	0	21.27	21.39	21.39	21.38	21.34		
5	16QAM	1	0	21.19	21.13	21.42	21.32	21.15	22.6	0
5	16QAM	1	12	21.36	21.14	21.42	21.12	21.21		
5	16QAM	1	24	21.19	21.27	21.47	21.32	21.42		
5	16QAM	12	0	21.16	21.14	21.15	21.37	21.36	22.6	0
5	16QAM	12	7	21.07	21.20	21.31	21.34	21.11		
5	16QAM	12	13	21.17	21.05	21.28	21.38	21.36		
5	16QAM	25	0	21.11	21.35	21.45	21.27	21.21		
5	64QAM	1	0	21.23	21.26	21.34	21.41	21.20	22.6	0
5	64QAM	1	12	21.25	21.27	21.47	21.35	21.29		
5	64QAM	1	24	21.15	21.28	21.35	21.21	21.35		
5	64QAM	12	0	21.19	21.16	21.34	21.33	21.36	22.6	0
5	64QAM	12	7	21.36	21.06	21.25	21.41	21.32		
5	64QAM	12	13	21.17	21.25	21.50	21.21	21.27		
5	64QAM	25	0	21.23	21.09	21.25	21.38	21.26		
5	256QAM	1	0	19.34	19.47	19.39	19.18	19.48	20.6	2
5	256QAM	1	12	19.43	19.65	19.32	19.41	19.42		
5	256QAM	1	24	19.30	19.41	19.36	19.38	19.36		
5	256QAM	12	0	19.31	19.35	19.49	19.27	19.27	20.6	2
5	256QAM	12	7	19.47	19.63	19.44	19.43	19.52		
5	256QAM	12	13	19.49	19.36	19.37	19.25	19.35		
5	256QAM	25	0	19.42	19.60	19.39	19.36	19.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.16	23.19	23.32	23.11	23.16	24.2	0
20	QPSK	1	49	23.06	23.08	23.30	23.06	23.04		
20	QPSK	1	99	22.99	22.99	23.18	23.10	22.96		
20	QPSK	50	0	23.10	23.15	23.31	23.09	23.12	24.2	0
20	QPSK	50	24	23.13	23.07	23.13	22.96	23.05		
20	QPSK	50	50	23.05	23.03	23.05	23.06	23.10		
20	QPSK	100	0	23.13	23.15	23.28	23.05	23.13		
20	16QAM	1	0	22.95	23.00	23.15	23.06	23.11	24.2	0
20	16QAM	1	49	22.96	23.11	23.21	22.92	23.04		
20	16QAM	1	99	22.96	23.02	23.14	23.09	23.03		
20	16QAM	50	0	23.17	23.15	23.30	23.05	23.01	24.2	0
20	16QAM	50	24	23.00	23.18	23.21	22.97	23.18		
20	16QAM	50	50	22.95	23.00	23.18	23.06	23.03		
20	16QAM	100	0	23.07	23.14	23.29	22.95	23.08		
20	64QAM	1	0	22.98	23.03	23.14	23.10	23.14	24.2	0
20	64QAM	1	49	22.99	23.01	23.17	22.90	22.96		
20	64QAM	1	99	22.99	23.03	23.13	22.93	23.15		
20	64QAM	50	0	22.98	23.03	23.29	22.92	22.98	24.2	0
20	64QAM	50	24	23.16	23.08	23.31	22.91	23.06		
20	64QAM	50	50	23.00	23.07	23.24	23.13	23.08		
20	64QAM	100	0	23.09	23.20	23.31	23.03	23.14		
20	256QAM	1	0	22.40	22.53	22.53	22.38	22.40	23.2	1
20	256QAM	1	49	22.47	22.41	22.48	22.45	22.58		
20	256QAM	1	99	22.33	22.52	22.50	22.43	22.30		
20	256QAM	50	0	22.62	22.38	22.56	22.38	22.35	23.2	1
20	256QAM	50	24	22.47	22.55	22.46	22.29	22.57		
20	256QAM	50	50	22.44	22.41	22.43	22.37	22.54		
20	256QAM	100	0	22.44	22.50	22.40	22.51	22.49		
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	23.03	23.15	23.27	23.05	22.97	24	0
15	QPSK	1	37	22.91	23.05	23.20	22.88	23.05		
15	QPSK	1	74	22.99	22.85	22.99	22.97	22.87		
15	QPSK	36	0	23.12	23.02	23.24	23.00	23.09	24.2	0
15	QPSK	36	20	22.97	23.05	22.95	22.96	23.00		
15	QPSK	36	39	22.89	22.89	23.07	22.92	23.00		
15	QPSK	75	0	23.08	23.00	23.27	22.84	23.08		
15	16QAM	1	0	22.74	22.97	23.09	22.99	22.99	24.2	0
15	16QAM	1	37	22.90	23.12	23.20	22.94	23.03		
15	16QAM	1	74	22.85	22.81	22.97	22.94	22.96		
15	16QAM	36	0	22.96	23.06	23.30	22.84	22.99	24.2	0
15	16QAM	36	20	22.91	22.86	22.99	22.96	22.85		
15	16QAM	36	39	23.04	23.14	23.21	22.93	22.95		
15	16QAM	75	0	22.90	23.11	23.09	22.75	22.89		
15	64QAM	1	0	22.94	22.92	23.09	22.93	22.94	24.2	0
15	64QAM	1	37	22.88	22.95	23.07	22.69	22.93		
15	64QAM	1	74	22.82	23.01	23.01	22.88	23.07		
15	64QAM	36	0	22.78	22.84	23.27	22.89	22.99	24.2	0
15	64QAM	36	20	22.94	22.96	23.25	22.83	22.91		
15	64QAM	36	39	22.97	23.07	23.12	22.92	22.88		
15	64QAM	75	0	22.97	23.13	23.20	22.87	22.99		
15	256QAM	1	0	22.23	22.51	22.32	22.21	22.29	23.2	1
15	256QAM	1	37	22.31	22.39	22.34	22.40	22.48		
15	256QAM	1	74	22.17	22.50	22.33	22.29	22.31		
15	256QAM	36	0	22.61	22.35	22.46	22.25	22.22	23.2	1
15	256QAM	36	20	22.47	22.53	22.42	22.14	22.52		
15	256QAM	36	39	22.27	22.40	22.40	22.27	22.53		
15	256QAM	75	0	22.39	22.42	22.28	22.47	22.39		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.98	23.10	23.31	23.00	22.94	24	0
10	QPSK	1	25	22.94	22.91	23.08	22.96	23.01		
10	QPSK	1	49	22.83	22.97	23.09	23.04	22.82		
10	QPSK	25	0	22.91	22.97	23.20	23.02	22.91	24.2	0
10	QPSK	25	12	22.92	22.90	23.07	22.81	22.99		
10	QPSK	25	25	22.91	22.98	23.07	23.05	23.11		
10	QPSK	50	0	23.05	23.02	23.28	22.84	23.04		
10	16QAM	1	0	22.95	22.92	22.99	23.01	23.05	24.2	0
10	16QAM	1	25	22.86	23.12	23.07	22.79	22.88		
10	16QAM	1	49	22.90	22.87	22.98	23.06	22.95		
10	16QAM	25	0	23.17	23.05	23.27	23.05	22.90	24.2	0
10	16QAM	25	12	22.93	23.13	23.07	22.88	22.97		
10	16QAM	25	25	22.82	22.87	23.08	22.91	22.85		
10	16QAM	50	0	23.04	23.16	23.25	22.87	22.99	24.2	0
10	64QAM	1	0	22.87	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.20	22.21	22.06	23.8	0
20	QPSK	1	49	22.01	22.04	22.06		
20	QPSK	1	99	21.91	21.96	21.93		
20	QPSK	50	0	21.93	22.20	22.06	23.8	0
20	QPSK	50	24	22.08	22.10	22.05		
20	QPSK	50	50	22.12	22.12	22.02		
20	QPSK	100	0	21.90	22.07	21.94		
20	16QAM	1	0	22.03	21.99	21.86	23.8	0
20	16QAM	1	49	22.10	22.06	21.86		
20	16QAM	1	99	22.00	22.10	22.01		
20	16QAM	50	0	21.14	21.11	20.96	22.8	1
20	16QAM	50	24	20.94	21.09	20.90		
20	16QAM	50	50	20.96	21.21	21.06		
20	16QAM	100	0	20.83	20.96	21.02		
20	64QAM	1	0	21.10	21.09	21.03	22.8	1
20	64QAM	1	49	21.12	21.18	21.09		
20	64QAM	1	99	21.08	21.16	20.93		
20	64QAM	50	0	20.09	20.12	20.03	21.8	2
20	64QAM	50	24	19.96	20.03	19.96		
20	64QAM	50	50	20.15	20.08	20.11		
20	64QAM	100	0	19.85	20.14	19.88		
20	256QAM	1	0	18.85	18.94	18.63	19.8	4
20	256QAM	1	49	18.72	18.79	18.63		
20	256QAM	1	99	18.83	18.88	18.62		
20	256QAM	50	0	18.97	18.78	18.57	19.8	4
20	256QAM	50	24	18.57	18.72	18.64		
20	256QAM	50	50	18.82	18.83	18.76		
20	256QAM	100	0	18.67	18.90	18.97		
Channel				42103	42500	42015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.07	22.06	21.95	23.8	0
15	QPSK	1	37	22.01	21.93	22.00		
15	QPSK	1	74	21.83	21.96	21.87		
15	QPSK	36	0	21.95	21.96	21.87	23.8	0
15	QPSK	36	20	21.97	22.09	22.02		
15	QPSK	36	39	21.96	21.91	21.91		
15	QPSK	75	0	21.87	21.92	21.87		
15	16QAM	1	0	22.03	21.81	21.85	23.8	0
15	16QAM	1	37	22.06	21.93	21.82		
15	16QAM	1	74	21.82	21.97	21.84		
15	16QAM	36	0	21.14	20.96	20.80	22.8	1
15	16QAM	36	20	20.87	20.90	20.90		
15	16QAM	36	39	20.83	21.20	21.01		
15	16QAM	75	0	20.82	20.98	21.04		
15	64QAM	1	0	20.89	20.96	20.99	22.8	1
15	64QAM	1	37	21.04	21.19	20.95		
15	64QAM	1	74	21.07	21.03	20.84		
15	64QAM	36	0	20.08	19.90	20.04	21.8	2
15	64QAM	36	20	19.90	20.04	19.84		
15	64QAM	36	39	20.04	20.05	20.03		
15	64QAM	75	0	19.84	19.92	19.84		
15	256QAM	1	0	18.94	18.98	18.69	19.8	4
15	256QAM	1	37	18.78	18.87	18.79		
15	256QAM	1	74	18.67	18.72	18.57		
15	256QAM	36	0	18.82	18.87	18.56	19.8	4
15	256QAM	36	20	18.53	18.79	18.57		
15	256QAM	36	39	18.75	18.84	18.77		
15	256QAM	75	0	18.69	18.68	18.82		
Channel				42140	42500	42040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.97	21.97	21.89	23.8	0
10	QPSK	1	25	21.88	21.98	21.96		
10	QPSK	1	49	21.87	21.87	21.91		
10	QPSK	25	0	21.90	22.05	21.91	23.8	0
10	QPSK	25	12	22.01	21.99	22.02		
10	QPSK	25	25	22.10	21.92	21.88		
10	QPSK	50	0	21.87	21.91	21.84		
10	16QAM	1	0	21.87	21.87	21.87	23.8	0
10	16QAM	1	25	22.00	22.07	21.87		
10	16QAM	1	49	21.97	22.03	21.86		
10	16QAM	25	0	21.04	21.03	20.92	22.8	1
10	16QAM	25	12	20.82	20.88	20.92		
10	16QAM	25	25	20.81	21.17	20.87		
10	16QAM	50	0	20.83	20.95	20.90		
10	64QAM	1	0	20.99	21.06	20.85	22.8	1
10	64QAM	1	25	20.92	21.04	20.88		
10	64QAM	1	49	21.06	21.14	20.83		
10	64QAM	25	0	19.96	19.94	20.03	21.8	2
10	64QAM	25	12	19.86	20.04	19.96		
10	64QAM	25	25	20.03	19.93	20.06		
10	64QAM	50	0	19.84	19.96	19.87		
10	256QAM	1	0	18.97	18.98	18.58	19.8	4
10	256QAM	1	25	18.88	18.97	18.58		
10	256QAM	1	49	18.66	18.81	18.70		
10	256QAM	25	0	18.90	18.87	18.58	19.8	4
10	256QAM	25	12	18.49	18.81	18.56		
10	256QAM	25	25	18.77	18.77	18.77		
10	256QAM	50	0	18.69	18.85	18.85		
Channel				42113	42500	42065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.07	22.11	21.94	23.8	0
5	QPSK	1	12	21.80	21.99	21.87		
5	QPSK	1	24	21.89	21.91	21.89		
5	QPSK	12	0	21.87	22.10	21.99	23.8	0
5	QPSK	12	7	21.99	22.05	21.95		
5	QPSK	12	13	22.08	22.11	21.95		
5	QPSK	25	0	21.90	21.91	21.87		
5	16QAM	1	0	21.92	21.87	21.81	23.8	0
5	16QAM	1	12	22.00	22.02	21.87		
5	16QAM	1	24	21.97	22.04	21.95		
5	16QAM	12	0	21.06	20.92	20.91	22.8	1
5	16QAM	12	7	20.83	20.95	20.83		
5	16QAM	12	13	20.90	21.09	20.90		
5	16QAM	25	0	20.80	20.92	20.87		
5	64QAM	1	0	20.92	21.03	20.98	22.8	1
5	64QAM	1	12	21.10	21.10	21.10		
5	64QAM	1	24	20.92	21.01	20.83		
5	64QAM	12	0	19.94	19.91	19.84	21.8	2
5	64QAM	12	7	19.92	20.00	19.94		
5	64QAM	12	13	20.08	19.98	20.08		
5	64QAM	25	0	19.84	19.96	19.84		
5	256QAM	1	0	18.95	18.93	18.67	19.8	4
5	256QAM	1	12	18.87	18.89	18.75		
5	256QAM	1	24	18.75	18.85	18.75		
5	256QAM	12	0	18.87	18.97	18.55	19.8	4
5	256QAM	12	7	18.58	18.66	18.73		
5	256QAM	12	13	18.66	18.89	18.82		
5	256QAM	25	0	18.86	18.69	18.97		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	22.02	22.05	22.03	23.7	0
20	QPSK	1	49	22.00	21.86	21.89		
20	QPSK	1	99	21.83	21.84	22.02		
20	QPSK	50	0	21.87	22.00	21.74	22.7	1
20	QPSK	50	24	21.73	21.78	21.71		
20	QPSK	50	50	21.51	21.71	21.65		
20	QPSK	100	0	21.57	21.79	21.58		
20	16QAM	1	0	21.32	21.42	21.15	22.7	1
20	16QAM	1	49	21.21	21.27	21.17		
20	16QAM	1	99	21.12	21.19	21.18		
20	16QAM	50	0	20.36	20.50	20.56	21.7	2
20	16QAM	50	24	20.36	20.48	20.29		
20	16QAM	50	50	20.41	20.55	20.40		
20	16QAM	100	0	20.31	20.43	20.48		
20	64QAM	1	0	20.62	20.74	20.62	21.7	2
20	64QAM	1	49	20.37	20.50	20.35		
20	64QAM	1	99	20.44	20.50	20.43		
20	64QAM	50	0	19.50	19.53	19.30	20.7	3
20	64QAM	50	24	19.50	19.51	19.26		
20	64QAM	50	50	19.46	19.44	19.48		
20	64QAM	100	0	19.21	19.46	19.31		
20	256QAM	1	0	18.93	18.98	18.95	19.7	4
20	256QAM	1	49	19.01	19.18	19.05		
20	256QAM	1	99	18.83	19.11	18.95		
20	256QAM	50	0	19.19	19.23	19.21	19.7	4
20	256QAM	50	24	19.19	19.17	18.99		
20	256QAM	50	50	19.11	19.19	19.12		
20	256QAM	100	0	19.25	19.41	19.28		
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	21.85	21.86	21.85	23.7	0
15	QPSK	1	37	21.95	21.77	21.89		
15	QPSK	1	74	21.78	21.78	21.87		
15	QPSK	36	0	21.75	21.70	21.65	22.7	1
15	QPSK	36	20	21.68	21.56	21.46		
15	QPSK	36	39	21.29	21.47	21.36		
15	QPSK	75	0	21.41	21.62	21.42		
15	16QAM	1	0	21.27	21.33	21.03	22.7	1
15	16QAM	1	37	21.23	21.24	21.17		
15	16QAM	1	74	21.07	21.05	21.08		
15	16QAM	36	0	20.18	20.38	20.57	21.7	2
15	16QAM	36	20	20.23	20.27	20.29		
15	16QAM	36	39	20.35	20.45	20.30		
15	16QAM	75	0	20.27	20.32	20.48		
15	64QAM	1	0	20.55	20.73	20.50	21.7	2
15	64QAM	1	37	20.25	20.47	20.33		
15	64QAM	1	74	20.40	20.30	20.39		
15	64QAM	36	0	19.34	19.53	19.31	20.7	3
15	64QAM	36	20	19.28	19.46	19.18		
15	64QAM	36	39	19.47	19.28	19.49		
15	64QAM	75	0	19.05	19.29	19.26		
15	256QAM	1	0	18.76	18.92	18.84	19.7	4
15	256QAM	1	37	18.91	19.07	18.87		
15	256QAM	1	74	18.65	19.06	18.75		
15	256QAM	36	0	19.12	19.12	19.07	19.7	4
15	256QAM	36	20	19.21	18.99	18.77		
15	256QAM	36	39	18.94	19.03	18.97		
15	256QAM	75	0	19.18	19.31	19.25		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	21.91	21.85	21.98	23.7	0
10	QPSK	1	25	21.82	21.86	21.75		
10	QPSK	1	49	21.73	21.84	21.91		
10	QPSK	25	0	21.74	21.75	21.57	22.7	1
10	QPSK	25	12	21.70	21.66	21.31		
10	QPSK	25	25	21.25	21.64	21.30		
10	QPSK	50	0	21.46	21.68	21.45		
10	16QAM	1	0	21.15	21.44	20.99	22.7	1
10	16QAM	1	25	21.16	21.26	21.01		
10	16QAM	1	49	21.09	21.00	21.01		
10	16QAM	25	0	20.14	20.49	20.54	21.7	2
10	16QAM	25	12	20.32	20.40	20.17		
10	16QAM	25	25	20.22	20.56	20.39		
10	16QAM	50	0	20.11	20.40	20.30		
10	64QAM	1	0	20.46	20.64	20.50	21.7	2
10	64QAM	1	25	20.35	20.43	20.33		
10	64QAM	1	49	20.41	20.37	20.28		
10	64QAM	25	0	19.32	19.38	19.23	20.7	3
10	64QAM	25	12	19.32	19.49	19.05		
10	64QAM	25	25	19.46	19.33	19.48		
10	64QAM	50	0	19.11	19.32	19.24		
10	256QAM	1	0	18.72	18.84	18.82	19.7	4
10	256QAM	1	25	18.97	19.03	18.84		
10	256QAM	1	49	18.84	18.95	18.92		
10	256QAM	25	0	19.16	19.12	19.11	19.7	4
10	256QAM	25	12	19.18	19.14	18.90		
10	256QAM	25	25	19.08	19.00	18.99		
10	256QAM	50	0	19.21	19.31	19.29		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	21.87	21.87	21.82	23.7	0
5	QPSK	1	12	21.82	21.72	21.77		
5	QPSK	1	24	21.83	21.84	21.97		
5	QPSK	12	0	21.77	21.80	21.55	22.7	1
5	QPSK	12	7	21.69	21.59	21.68		
5	QPSK	12	13	21.52	21.63	21.49		
5	QPSK	25	0	21.46	21.71	21.57		
5	16QAM	1	0	21.24	21.21	21.11	22.7	1
5	16QAM	1	12	21.06	21.26	21.06		
5	16QAM	1	24	21.09	21.10	21.02		
5	16QAM	12	0	20.37	20.49	20.39	21.7	2
5	16QAM	12	7	20.26	20.30	20.12		
5	16QAM	12	13	20.29	20.45	20.21		
5	16QAM	25	0	20.31	20.37	20.37		
5	64QAM	1	0	20.42	20.60	20.60	21.7	2
5	64QAM	1	12	20.19	20.28	20.31		
5	64QAM	1	24	20.23	20.22	20.15		
5	64QAM	12	0	19.43	19.53	19.25	20.7	3
5	64QAM	12	7	19.30	19.40	19.15		
5	64QAM	12	13	19.26	19.25	19.44		
5	64QAM	25	0	19.01	19.35	19.12		
5	256QAM	1	0	18.74	18.91	18.76	19.7	4
5	256QAM	1	12	18.90	19.04	18.96		
5	256QAM	1	24	18.62	19.08	18.79		
5	256QAM	12	0	19.13	19.13	19.15	19.7	4
5	256QAM	12	7	19.19	19.05	18.94		
5	256QAM	12	13	19.07	19.05	18.96		
5	256QAM	25	0	19.24	19.32	19.19		

Band 48_FCC Ant3 DSI6

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	22.21	22.25	22.22	22.01	23.7	0
20	QPSK	1	49	21.99	22.21	22.21	21.97		
20	QPSK	1	99	22.20	22.07	22.14	21.91		
20	QPSK	50	0	22.07	22.24	22.11	21.92	23.7	0
20	QPSK	50	24	22.22	22.20	22.01	21.83		
20	QPSK	50	50	22.03	22.10	22.07	21.94		
20	QPSK	100	0	22.13	22.22	22.11	21.86		
20	16QAM	1	0	22.06	22.15	22.23	21.86	23.7	0
20	16QAM	1	49	22.12	22.17	22.01	21.93		
20	16QAM	1	99	22.12	22.23	22.17	22.01		
20	16QAM	50	0	21.00	21.08	21.18	21.05	22.7	1
20	16QAM	50	24	21.06	20.98	20.83	20.91		
20	16QAM	50	50	21.03	21.05	21.13	20.95		
20	16QAM	100	0	20.86	21.06	21.00	20.92		
20	64QAM	1	0	21.00	21.20	21.09	21.05	22.7	1
20	64QAM	1	49	21.04	21.08	21.05	21.02		
20	64QAM	1	99	20.85	21.05	20.85	20.86		
20	64QAM	50	0	20.16	20.12	20.14	20.08	21.7	2
20	64QAM	50	24	19.90	19.98	20.05	20.08		
20	64QAM	50	50	20.09	20.22	20.01	20.03		
20	64QAM	100	0	20.17	20.26	20.23	20.25		
20	256QAM	1	0	19.98	20.15	18.19	17.29	20.7	3
20	256QAM	1	49	19.91	19.96	20.06	19.95		
20	256QAM	1	99	19.79	18.10	17.87	17.04		
20	256QAM	50	0	19.07	19.41	19.28	19.33	20.7	3
20	256QAM	50	24	19.07	19.34	19.07	19.17		
20	256QAM	50	50	19.22	19.13	19.09	19.06		
20	256QAM	100	0	19.15	19.26	19.26	19.08		
Channel				55315	55820	56140	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.11	22.22	22.22	21.95	23.7	0
15	QPSK	1	37	21.84	22.14	22.08	21.91		
15	QPSK	1	74	22.11	21.87	22.15	21.90		
15	QPSK	36	0	22.07	22.14	21.95	21.85	23.7	0
15	QPSK	36	20	22.05	22.21	21.89	21.75		
15	QPSK	36	39	21.98	22.01	22.01	21.74		
15	QPSK	75	0	22.12	22.04	21.89	21.76		
15	16QAM	1	0	22.07	22.09	22.24	21.70	23.7	0
15	16QAM	1	37	21.98	22.18	21.92	21.83		
15	16QAM	1	74	22.06	22.13	22.03	21.82		
15	16QAM	36	0	20.96	20.96	21.18	20.94	22.7	1
15	16QAM	36	20	21.05	20.85	20.81	20.85		
15	16QAM	36	39	20.83	21.05	21.12	20.95		
15	16QAM	75	0	20.81	20.95	20.85	20.79		
15	64QAM	1	0	20.94	21.13	20.89	20.95	22.7	1
15	64QAM	1	37	20.96	20.92	20.83	20.98		
15	64QAM	1	74	20.79	21.02	20.74	20.77		
15	64QAM	36	0	20.03	20.05	20.11	19.94	21.7	2
15	64QAM	36	20	19.79	19.87	19.92	20.00		
15	64QAM	36	39	20.02	20.21	20.00	20.01		
15	64QAM	75	0	20.16	20.09	20.12	20.08		
15	256QAM	1	0	19.89	20.07	18.01	17.07	20.7	3
15	256QAM	1	37	19.75	19.87	19.98	19.92		
15	256QAM	1	74	19.59	18.10	17.74	16.99		
15	256QAM	36	0	18.93	19.31	19.14	19.14	20.7	3
15	256QAM	36	20	19.00	19.16	18.93	19.10		
15	256QAM	36	39	19.24	19.03	19.00	19.07		
15	256QAM	75	0	19.06	19.10	19.22	18.99		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.18	22.21	22.10	21.89	23.7	0
10	QPSK	1	25	21.82	22.20	22.14	21.78		
10	QPSK	1	49	21.98	22.05	22.08	21.78		
10	QPSK	25	0	21.96	22.17	22.07	21.78	23.7	0
10	QPSK	25	12	22.15	22.06	22.00	21.78		
10	QPSK	25	25	21.89	21.89	22.02	21.91		
10	QPSK	50	0	22.01	22.23	22.04	21.76		
10	16QAM	1	0	21.89	22.11	22.20	21.73	23.7	0
10	16QAM	1	25	21.90	22.13	22.03	21.78		
10	16QAM	1	49	21.92	22.02	22.08	21.90		
10	16QAM	25	0	20.81	20.89	21.05	21.05	22.7	1
10	16QAM	25	12	20.88	20.85	20.76	20.91		
10	16QAM	25	25	20.91	21.02	21.07	20.80		
10	16QAM	50	0	20.80	20.99	20.86	20.83		
10	64QAM	1	0	20.91	21.09	21.00	20.87	22.7	1
10	64QAM	1	25	21.04	21.03	20.93	21.02		
10	64QAM	1	49	20.83	20.83	20.80	20.87		
10	64QAM	25	0	20.13	20.04	20.01	19.90	21.7	2
10	64QAM	25	12	19.88	19.96	20.01	20.08		
10	64QAM	25	25	19.94	20.23	19.86	19.81		
10	64QAM	50	0	20.03	20.25	20.05	20.08		
10	256QAM	1	0	19.78	20.16	18.18	17.28	20.7	3
10	256QAM	1	25	19.92	19.79	20.04	19.80		
10	256QAM	1	49	19.79	17.90	17.74	17.01		
10	256QAM	25	0	18.98	19.21	19.26	19.32	20.7	3
10	256QAM	25	12	19.04	19.21	18.90	19.12		
10	256QAM	25	25	19.05	18.99	19.00	18.88		
10	256QAM	50	0	19.16	19.07	19.14	19.07		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.07	22.19	22.17	21.95	23.7	0
5	QPSK	1	12	21.88	22.09	22.20	21.94		
5	QPSK	1	24	22.06	22.00	22.00	21.74		
5	QPSK	12	0	21.91	22.20	21.99	21.80	23.7	0
5	QPSK	12	7	22.08	22.08	21.85	21.78		
5	QPSK	12	13	21.85	21.92	21.99	21.81		
5	QPSK	25	0	21.94	22.19	21.93	21.81		
5	16QAM	1	0	21.84	21.96	22.16	21.73	23.7	0
5	16QAM	1	12	22.07	22.08	21.82	21.80		
5	16QAM	1	24	22.09	22.17	22.02	21.85		
5	16QAM	12	0	20.95	21.07	21.17	21.04	22.7	1
5	16QAM	12	7	20.88	20.91	20.81	20.87		
5	16QAM	12	13	20.93	21.05	20.93	20.89		
5	16QAM	25	0	20.76	21.04	20.83	20.80		
5	64QAM	1	0	20.97	21.06	21.06	21.00	22.7	1
5	64QAM	1	12	20.86	20.91	21.02	20.83		
5	64QAM	1	24	20.84	20.84	20.83	20.88		
5	64QAM	12	0	20.03	20.12	20.09	19.86	21.7	2
5	64QAM	12	7	19.84	19.82	19.94	19.96		
5	64QAM	12	13	19.92	20.23	19.82	19.91		
5	64QAM	25	0	19.98	20.18	20.25	20.05		
5	256QAM	1	0	19.92	19.94	18.21	17.25	20.7	3
5	256QAM	1	12	19.87	19.84	20.06	19.77		
5	256QAM	1	24	19.79	17.98	17.79	17.01		
5	256QAM	12	0	18.90	19.28	19.13

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.66	22.71	22.61	24	0
20	QPSK	1	49	22.59	22.65	22.47		
20	QPSK	1	99	22.53	22.49	22.57		
20	QPSK	50	0	22.47	22.68	22.60	24	0
20	QPSK	50	24	22.48	22.55	22.62		
20	QPSK	50	50	22.64	22.67	22.40		
20	QPSK	100	0	22.58	22.59	22.47		
20	16QAM	1	0	22.47	22.69	22.55	24	0
20	16QAM	1	49	22.52	22.61	22.52		
20	16QAM	1	99	22.53	22.55	22.46		
20	16QAM	50	0	21.30	21.35	21.45	23	1
20	16QAM	50	24	21.25	21.40	21.23		
20	16QAM	50	50	21.31	21.43	21.30		
20	16QAM	100	0	21.20	21.26	21.28		
20	64QAM	1	0	21.41	21.54	21.34	23	1
20	64QAM	1	49	21.34	21.51	21.50		
20	64QAM	1	99	21.43	21.37	21.46		
20	64QAM	50	0	20.38	20.54	20.40	22	2
20	64QAM	50	24	20.25	20.31	20.28		
20	64QAM	50	50	20.42	20.32	20.42		
20	64QAM	100	0	20.18	20.25	20.23		
20	256QAM	1	0	19.99	20.09	20.16	21	3
20	256QAM	1	49	19.96	20.18	19.94		
20	256QAM	1	99	19.89	20.10	20.03		
20	256QAM	50	0	19.99	20.02	20.17	21	3
20	256QAM	50	24	19.87	19.99	19.77		
20	256QAM	50	50	20.05	19.99	20.00		
20	256QAM	100	0	19.89	20.09	19.93		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.47	22.51	22.59	24	0
15	QPSK	1	37	22.38	22.50	22.31		
15	QPSK	1	74	22.42	22.40	22.59		
15	QPSK	36	0	22.46	22.64	22.53	24	0
15	QPSK	36	20	22.42	22.43	22.41		
15	QPSK	36	39	22.53	22.47	22.32		
15	QPSK	75	0	22.37	22.55	22.41		
15	16QAM	1	0	22.30	22.62	22.41	24	0
15	16QAM	1	37	22.34	22.55	22.40		
15	16QAM	1	74	22.38	22.56	22.39		
15	16QAM	36	0	21.14	21.20	21.28	23	1
15	16QAM	36	20	21.06	21.31	21.07		
15	16QAM	36	39	21.20	21.24	21.30		
15	16QAM	75	0	21.19	21.06	21.08		
15	64QAM	1	0	21.41	21.48	21.32	23	1
15	64QAM	1	37	21.23	21.48	21.32		
15	64QAM	1	74	21.42	21.33	21.35		
15	64QAM	36	0	20.35	20.51	20.27	22	2
15	64QAM	36	20	20.05	20.18	20.10		
15	64QAM	36	39	20.31	20.13	20.22		
15	64QAM	75	0	20.18	20.21	20.12		
15	256QAM	1	0	19.77	20.05	20.18	21	3
15	256QAM	1	37	19.87	20.20	19.93		
15	256QAM	1	74	19.91	20.05	19.97		
15	256QAM	36	0	19.79	19.96	19.99	21	3
15	256QAM	36	20	19.80	20.00	19.73		
15	256QAM	36	39	19.84	19.86	19.81		
15	256QAM	75	0	19.86	20.05	19.76		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.68	22.49	22.60	24	0
10	QPSK	1	25	22.43	22.60	22.47		
10	QPSK	1	49	22.47	22.46	22.47		
10	QPSK	25	0	22.47	22.56	22.62	24	0
10	QPSK	25	12	22.31	22.56	22.52		
10	QPSK	25	25	22.61	22.54	22.27		
10	QPSK	50	0	22.44	22.59	22.25		
10	16QAM	1	0	22.49	22.48	22.49	24	0
10	16QAM	1	25	22.42	22.45	22.38		
10	16QAM	1	49	22.48	22.43	22.38		
10	16QAM	25	0	21.32	21.22	21.38	23	1
10	16QAM	25	12	21.23	21.23	21.20		
10	16QAM	25	25	21.10	21.23	21.29		
10	16QAM	50	0	21.06	21.25	21.19		
10	64QAM	1	0	21.42	21.52	21.20	23	1
10	64QAM	1	25	21.13	21.49	21.29		
10	64QAM	1	49	21.32	21.18	21.35		
10	64QAM	25	0	20.35	20.41	20.21	22	2
10	64QAM	25	12	20.26	20.26	20.18		
10	64QAM	25	25	20.27	20.12	20.25		
10	64QAM	50	0	20.17	20.10	20.16		
10	256QAM	1	0	19.98	19.91	20.05	21	3
10	256QAM	1	25	19.91	20.19	19.89		
10	256QAM	1	49	19.70	20.03	20.01		
10	256QAM	25	0	19.77	19.87	20.08	21	3
10	256QAM	25	12	19.85	19.96	19.70		
10	256QAM	25	25	19.96	19.77	19.95		
10	256QAM	50	0	19.73	20.10	19.77		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.52	22.65	22.51	24	0
5	QPSK	1	12	22.59	22.55	22.30		
5	QPSK	1	24	22.37	22.44	22.42		
5	QPSK	12	0	22.40	22.61	22.43	24	0
5	QPSK	12	7	22.41	22.39	22.41		
5	QPSK	12	13	22.60	22.55	22.40		
5	QPSK	25	0	22.54	22.60	22.43		
5	16QAM	1	0	22.34	22.54	22.46	24	0
5	16QAM	1	12	22.38	22.56	22.43		
5	16QAM	1	24	22.50	22.46	22.34		
5	16QAM	12	0	21.11	21.28	21.41	23	1
5	16QAM	12	7	21.06	21.21	21.18		
5	16QAM	12	13	21.31	21.36	21.18		
5	16QAM	25	0	21.03	21.21	21.13		
5	64QAM	1	0	21.24	21.55	21.34	23	1
5	64QAM	1	12	21.17	21.40	21.46		
5	64QAM	1	24	21.37	21.36	21.34		
5	64QAM	12	0	20.37	20.43	20.36	22	2
5	64QAM	12	7	20.26	20.20	20.07		
5	64QAM	12	13	20.36	20.17	20.21		
5	64QAM	25	0	20.05	20.06	20.25		
5	256QAM	1	0	19.87	19.95	19.96	21	3
5	256QAM	1	12	19.91	20.08	19.88		
5	256QAM	1	24	19.69	19.95	20.03		
5	256QAM	12	0	19.90	19.95	20.03	21	3
5	256QAM	12	7	19.82	19.78	19.68		
5	256QAM	12	13	19.94	19.84	19.80		
5	256QAM	25	0	19.72	19.89	19.90		

Band 43_FCC 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				44190	44590	44990		
Frequency (MHz)				3610	3650	3690		
20	QPSK	1	0	23.06	23.26	23.08	24	0
20	QPSK	1	49	22.94	23.18	23.00		
20	QPSK	1	99	23.02	23.13	23.02		
20	QPSK	50	0	22.34	22.44	22.36	23	1
20	QPSK	50	24	22.30	22.38	22.25		
20	QPSK	50	50	22.24	22.33	22.28		
20	QPSK	100	0	22.34	22.43	22.35		
20	16QAM	1	0	21.93	22.07	22.00	23	1
20	16QAM	1	49	21.92	22.01	21.95		
20	16QAM	1	99	21.85	21.97	21.92		
20	16QAM	50	0	21.13	21.18	21.10	22	2
20	16QAM	50	24	21.07	21.10	21.06		
20	16QAM	50	50	21.05	21.14	21.08		
20	16QAM	100	0	21.04	21.08	21.02		
20	64QAM	1	0	21.06	21.20	21.08	22	2
20	64QAM	1	49	21.10	21.14	21.04		
20	64QAM	1	99	21.03	21.10	20.99		
20	64QAM	50	0	20.08	20.15	20.10	21	3
20	64QAM	50	24	19.95	20.06	19.93		
20	64QAM	50	50	19.98	20.11	20.07		
20	64QAM	100	0	19.99	20.03	19.89		
20	256QAM	1	0	19.64	19.71	19.68	21	3
20	256QAM	1	49	19.56	19.68	19.64		
20	256QAM	1	99	19.59	19.63	19.50		
20	256QAM	50	0	19.73	19.84	19.73	21	3
20	256QAM	50	24	19.67	19.74	19.67		
20	256QAM	50	50	19.72	19.80	19.72		
20	256QAM	100	0	19.74	19.82	19.75		
Channel				44165	.	45015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3607.5	3650	3692.5		
15	QPSK	1	0	22.95	23.20	22.95	24	0
15	QPSK	1	37	22.87	23.14	22.94		
15	QPSK	1	74	22.98	23.00	22.96		
15	QPSK	36	0	22.27	22.30	22.29	23	1
15	QPSK	36	20	22.22	22.27	22.18		
15	QPSK	36	39	22.09	22.24	22.18		
15	QPSK	75	0	22.24	22.36	22.27		
15	16QAM	1	0	21.83	21.94	21.86	23	1
15	16QAM	1	37	21.82	21.89	21.82		
15	16QAM	1	74	21.72	21.94	21.85		
15	16QAM	36	0	20.99	21.08	20.99	22	2
15	16QAM	36	20	20.94	21.07	21.00		
15	16QAM	36	39	20.98	21.05	21.01		
15	16QAM	75	0	20.89	20.94	20.91		
15	64QAM	1	0	21.03	21.12	21.05	22	2
15	64QAM	1	37	21.01	21.09	20.92		
15	64QAM	1	74	20.92	20.97	20.88		
15	64QAM	36	0	19.97	20.00	20.00	21	3
15	64QAM	36	20	19.85	19.93	19.84		
15	64QAM	36	39	19.93	19.97	20.04		
15	64QAM	75	0	19.85	19.99	19.83		
15	256QAM	1	0	19.52	19.65	19.57	21	3
15	256QAM	1	37	19.46	19.59	19.51		
15	256QAM	1	74	19.46	19.57	19.43		
15	256QAM	36	0	19.66	19.69	19.60	21	3
15	256QAM	36	20	19.53	19.66	19.53		
15	256QAM	36	39	19.66	19.67	19.57		
15	256QAM	75	0	19.61	19.71	19.60		
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3605	3650	3695		
10	QPSK	1	0	23.02	23.17	23.00	24	0
10	QPSK	1	25	22.80	23.10	22.91		
10	QPSK	1	49	22.92	23.05	22.97		
10	QPSK	25	0	22.26	22.38	22.24	23	1
10	QPSK	25	12	22.16	22.24	22.16		
10	QPSK	25	25	22.16	22.29	22.20		
10	QPSK	50	0	22.28	22.29	22.29		
10	16QAM	1	0	21.85	22.03	21.87	23	1
10	16QAM	1	25	21.82	21.90	21.91		
10	16QAM	1	49	21.76	21.84	21.84		
10	16QAM	25	0	21.07	21.04	20.96	22	2
10	16QAM	25	12	21.01	21.03	20.96		
10	16QAM	25	25	20.95	21.08	20.99		
10	16QAM	50	0	20.99	21.03	20.91		
10	64QAM	1	0	20.93	21.17	21.00	22	2
10	64QAM	1	25	20.99	21.06	20.97		
10	64QAM	1	49	20.99	21.00	20.88		
10	64QAM	25	0	20.04	20.12	19.98	21	3
10	64QAM	25	12	19.89	20.02	19.90		
10	64QAM	25	25	19.95	19.98	20.00		
10	64QAM	50	0	19.87	19.93	19.80		
10	256QAM	1	0	19.60	19.65	19.64	21	3
10	256QAM	1	25	19.44	19.63	19.55		
10	256QAM	1	49	19.45	19.54	19.45		
10	256QAM	25	0	19.67	19.75	19.63	21	3
10	256QAM	25	12	19.58	19.61	19.56		
10	256QAM	25	25	19.65	19.68	19.67		
10	256QAM	50	0	19.67	19.72	19.62		
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3602.5	3650	3697.5		
5	QPSK	1	0	23.00	23.14	23.04	24	0
5	QPSK	1	12	22.88	23.12	22.85		
5	QPSK	1	24	22.89	23.02	22.96		
5	QPSK	12	0	22.30	22.39	22.27	23	1
5	QPSK	12	7	22.25	22.29	22.22		
5	QPSK	12	13	22.18	22.24	22.20		
5	QPSK	25	0	22.29	22.32	22.28		
5	16QAM	1	0	21.83	21.96	21.86	23	1
5	16QAM	1	12	21.89	21.93	21.84		
5	16QAM	1	24	21.75	21.88	21.78		
5	16QAM	12	0	21.04	21.09	20.96	22	2
5	16QAM	12	7	20.96	20.95	20.93		
5	16QAM	12	13	20.98	21.02	20.94		
5	16QAM	25	0	20.99	20.98	20.90		
5	64QAM	1	0	20.92	21.17	21.03	22	2
5	64QAM	1	12	21.01	21.05	20.95		
5	64QAM	1	24	20.92	21.03	20.94		
5	64QAM	12	0	19.96	20.12	20.06	21	3
5	64QAM	12	7	19.89	19.92	19.86		
5	64QAM	12	13	19.94	20.01	19.94		
5	64QAM	25	0	19.95	19.90	19.82		
5	256QAM	1	0	19.53	19.64	19.57	21	3
5	256QAM	1	12	19.42	19.60	19.61		
5	256QAM	1	24	19.55	19.50	19.39		
5	256QAM	12	0	19.64	19.73	19.65	21	3
5	256QAM	12	7	19.60	19.69	19.64		
5	256QAM	12	13	19.63	19.73	19.60		
5	256QAM	25	0	19.59	19.77	19.71		

Band 48_FCC Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.24	23.56	23.41	23.32	24	0
20	QPSK	1	49	23.17	23.48	23.38	23.32		
20	QPSK	1	99	23.15	23.43	23.35	23.21		
20	QPSK	50	0	22.22	22.52	22.37	22.33	23	1
20	QPSK	50	24	22.14	22.46	22.33	22.25		
20	QPSK	50	50	22.16	22.41	22.37	22.19		
20	QPSK	100	0	22.29	22.59	22.47	22.34		
20	16QAM	1	0	22.08	22.40	22.37	22.20	23	1
20	16QAM	1	49	22.10	22.34	22.24	22.11		
20	16QAM	1	99	21.99	22.30	22.15	22.13		
20	16QAM	50	0	21.29	21.59	21.45	21.37	22	2
20	16QAM	50	24	21.18	21.51	21.44	21.32		
20	16QAM	50	50	21.28	21.55	21.41	21.41		
20	16QAM	100	0	21.23	21.49	21.34	21.29		
20	64QAM	1	0	21.33	21.56	21.51	21.42	22	2
20	64QAM	1	49	21.20	21.50	21.46	21.36		
20	64QAM	1	99	21.15	21.46	21.41	21.27		
20	64QAM	50	0	20.26	20.54	20.45	20.33	21	3
20	64QAM	50	24	20.20	20.45	20.36	20.30		
20	64QAM	50	50	20.18	20.50	20.44	20.33		
20	64QAM	100	0	20.11	20.42	20.37	20.24		
20	256QAM	1	0	19.81	20.06	19.94	19.93	21	3
20	256QAM	1	49	19.79	20.03	19.95	19.83		
20	256QAM	1	99	19.67	19.98	19.89	19.85		
20	256QAM	50	0	20.00	20.26	20.14	20.06	21	3
20	256QAM	50	24	19.82	20.16	20.10	19.92		
20	256QAM	50	50	19.87	20.22	20.15	20.05		
20	256QAM	100	0	20.04	20.27	20.22	20.13		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.16	23.50	23.33	23.26	24	0
15	QPSK	1	37	23.11	23.36	23.27	23.21		
15	QPSK	1	74	23.02	23.30	23.29	23.13		
15	QPSK	36	0	22.16	22.46	22.29	22.22	23	1
15	QPSK	36	20	21.99	22.34	22.19	22.20		
15	QPSK	36	39	22.10	22.36	22.27	22.08		
15	QPSK	75	0	22.20	22.54	22.43	22.31		
15	16QAM	1	0	21.96	22.30	22.34	22.06	23	1
15	16QAM	1	37	22.05	22.25	22.15	22.00		
15	16QAM	1	74	21.91	22.26	22.05	22.06		
15	16QAM	36	0	21.15	21.55	21.37	21.23	22	2
15	16QAM	36	20	21.08	21.43	21.37	21.25		
15	16QAM	36	39	21.24	21.50	21.35	21.35		
15	16QAM	75	0	21.09	21.35	21.22	21.22		
15	64QAM	1	0	21.26	21.50	21.48	21.29	22	2
15	64QAM	1	37	21.05	21.39	21.32	21.24		
15	64QAM	1	74	21.06	21.42	21.29	21.13		
15	64QAM	36	0	20.17	20.45	20.32	20.24	21	3
15	64QAM	36	20	20.06	20.39	20.31	20.18		
15	64QAM	36	39	20.08	20.44	20.34	20.18		
15	64QAM	75	0	20.01	20.30	20.23	20.10		
15	256QAM	1	0	19.72	20.01	19.86	19.79	21	3
15	256QAM	1	37	19.67	19.95	19.84	19.69		
15	256QAM	1	74	19.57	19.92	19.86	19.73		
15	256QAM	36	0	19.96	20.22	20.05	19.99	21	3
15	256QAM	36	20	19.89	20.09	19.99	19.78		
15	256QAM	36	39	19.83	20.17	20.07	19.84		
15	256QAM	75	0	19.91	20.22	20.09	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	23.20	23.50	23.28	23.28	24	0
10	QPSK	1	25	23.09	23.33	23.25	23.22		
10	QPSK	1	49	23.09	23.29	23.26	23.09		
10	QPSK	25	0	22.12	22.41	22.24	22.24	23	1
10	QPSK	25	12	22.09	22.35	22.26	22.19		
10	QPSK	25	25	22.10	22.28	22.33	22.06		
10	QPSK	50	0	22.22	22.55	22.42	22.24		
10	16QAM	1	0	21.99	22.25	22.30	22.11	23	1
10	16QAM	1	25	21.98	22.25	22.21	22.07		
10	16QAM	1	49	21.90	22.16	22.02	21.98		
10	16QAM	25	0	21.26	21.54	21.36	21.28	22	2
10	16QAM	25	12	21.11	21.38	21.32	21.18		
10	16QAM	25	25	21.21	21.40	21.28	21.30		
10	16QAM	50	0	21.17	21.36	21.20	21.26		
10	64QAM	1	0	21.22	21.51	21.43	21.34	22	2
10	64QAM	1	25	21.16	21.41	21.33	21.29		
10	64QAM	1	49	21.07	21.40	21.28	21.23		
10	64QAM	25	0	20.20	20.41	20.39	20.23	21	3
10	64QAM	25	12	20.05	20.32	20.28	20.24		
10	64QAM	25	25	20.07	20.42	20.36	20.22		
10	64QAM	50	0	20.01	20.38	20.22	20.10		
10	256QAM	1	0	19.75	19.95	19.81	19.82	21	3
10	256QAM	1	25	19.67	19.93	19.80	19.78		
10	256QAM	1	49	19.54	19.88	19.75	19.73		
10	256QAM	25	0	19.97	20.15	20.09	19.92	21	3
10	256QAM	25	12	19.74	20.10	19.97	19.85		
10	256QAM	25	25	19.75	20.09	20.09	19.92		
10	256QAM	50	0	20.00	20.18	20.12	20.07		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.11	23.44	23.32	23.19	24	0
5	QPSK	1	12	23.08	23.42	23.28	23.23		
5	QPSK	1	24	23.10	23.31	23.28	23.07		
5	QPSK	12	0	22.15	22.42	22.26	22.27	23	1
5	QPSK	12	7	22.09	22.32	22.25	22.13		
5	QPSK	12	13	22.12	22.30	22.25	22.05		
5	QPSK	25	0	22.23	22.54	22.40	22.26		
5	16QAM	1	0	21.97	22.32	22.28	22.13	23	1
5	16QAM	1	12	22.02	22.23	22.19	21.98		
5	16QAM	1	24	21.86	22.15	22.01	22.02		
5	16QAM	12	0	21.20	21.47	21.40	21.25	22	2
5	16QAM	12	7	21.09	21.46	21.34	21.21		
5	16QAM	12	13	21.18	21.46	21.35	21.33		
5	16QAM	25	0	21.10	21.40	21.29	21.18		
5	64QAM	1	0	21.23	21.46	21.37	21.37	22	2
5	64QAM	1	12	21.12	21.37	21.31	21.24		
5	64QAM	1	24	21.01	21.33	21.37	21.14		
5	64QAM	12	0	20.21	20.41	20.39	20.20	21	3
5	64QAM	12	7	20.09	20.39	20.33	20.19		
5	64QAM	12	13	20.04	20.39	20.39	20.25		
5	64QAM	25	0	19.99	20.30	20.31	20.09		
5	256QAM	1	0	19.77	19.96	19.88	19.80	21	3
5	256QAM	1	12	19.68	19.97	19.84	19.71		
5	256QAM	1	24	19.54	19.88	19.78	19.73		
5	256QAM	12	0	19.90	20.19	20.10	20.00	21	3
5	256QAM	12	7	19.72	20.13	19.98	19.80		
5	256QAM	12	13	19.75	20.11	20.09	19.96		
5	256QAM	25	0	19.93	20.15	20.08	20.09		

Reduced Power Mode for Main PA DSI9

GSM850 Ant0 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.79	32.82	32.74	33.50	23.79	23.82	23.74	24.50
GPRS 1 Tx slot	32.81	32.86	32.78	33.50	23.81	23.85	23.78	24.50
GPRS 2 Tx slots	29.40	29.52	29.37	30.50	23.40	23.52	23.37	24.50
GPRS 3 Tx slots	28.12	28.15	28.17	30.00	23.86	23.89	23.91	25.74
GPRS 4 Tx slots	26.37	26.50	26.37	27.50	23.37	23.50	23.37	24.50
EDGE 1 Tx slot	25.38	25.44	25.28	26.50	16.38	16.44	16.28	17.50
EDGE 2 Tx slots	23.57	23.78	23.64	25.00	17.57	17.78	17.64	19.00
EDGE 3 Tx slots	22.46	22.59	22.53	23.50	18.20	18.33	18.27	19.24
EDGE 4 Tx slots	20.49	20.61	20.41	21.50	17.49	17.61	17.41	18.50

GSM1900 Ant0 DSI9

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	28.16	28.27	28.20	28.50	19.16	19.27	19.20	19.50
GPRS 1 Tx slot	28.19	28.30	28.27	28.50	19.19	19.30	19.27	19.50
GPRS 2 Tx slots	24.83	24.94	24.83	26.00	18.83	18.94	18.83	20.00
GPRS 3 Tx slots	22.87	22.91	22.78	24.50	18.61	18.65	18.52	20.24
GPRS 4 Tx slots	20.61	20.72	20.68	22.50	17.61	17.72	17.68	19.50
EDGE 1 Tx slot	25.03	25.05	24.87	26.00	16.03	16.05	15.87	17.00
EDGE 2 Tx slots	23.23	23.41	23.21	24.50	17.23	17.41	17.21	18.50
EDGE 3 Tx slots	22.27	22.28	22.07	23.50	18.01	18.02	17.81	19.24
EDGE 4 Tx slots	20.08	20.11	19.98	21.00	17.08	17.11	16.98	18.00

WCDMA II Ant0 DSI9 / WCDMA IV Ant0 DSI9 / WCDMA V Ant0 DSI9

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	17.69	17.70	17.65	19.70	17.60	17.69	17.61	18.90	23.08	23.10	23.07	24.50
3GPP Rel 99	RMC 12.2Kbps	17.70	17.72	17.70	19.70	17.63	17.71	17.65	18.90	23.04	23.12	23.08	24.50
3GPP Rel 6	HSDPA Subtest-1	17.02	16.94	16.91	18.70	16.85	16.76	16.75	17.90	22.24	22.14	22.16	23.50
3GPP Rel 6	HSDPA Subtest-2	17.02	17.07	17.00	18.70	17.01	16.99	17.04	17.90	22.33	22.42	22.51	23.50
3GPP Rel 6	HSDPA Subtest-3	16.63	16.42	16.35	18.20	16.44	16.38	16.31	17.40	21.29	21.25	21.22	23.00
3GPP Rel 6	HSDPA Subtest-4	16.58	16.47	16.32	18.20	16.41	16.37	16.33	17.40	21.29	21.25	21.35	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.95	16.96	16.90	18.70	16.94	16.91	17.03	17.90	21.91	21.61	21.87	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.98	17.04	16.97	18.70	17.08	16.99	17.08	17.90	21.79	21.63	21.64	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.26	16.38	16.50	18.20	16.37	16.43	16.34	17.40	20.71	20.66	20.95	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.44	16.49	16.42	18.20	16.46	16.44	16.54	17.40	20.72	20.70	20.66	23.00
3GPP Rel 6	HSUPA Subtest-1	16.89	16.93	17.05	18.70	16.78	16.75	16.88	17.90	21.27	21.50	21.54	23.50
3GPP Rel 6	HSUPA Subtest-2	15.01	15.07	15.12	16.70	14.84	14.93	14.79	15.90	19.68	19.82	19.67	21.50
3GPP Rel 6	HSUPA Subtest-3	15.95	15.96	16.01	17.70	15.97	15.68	15.95	16.90	20.67	20.76	20.89	22.50
3GPP Rel 6	HSUPA Subtest-4	14.95	15.11	14.96	16.70	14.88	14.99	14.82	15.90	19.78	19.82	19.85	21.50
3GPP Rel 6	HSUPA Subtest-5	16.83	16.87	16.70	18.70	16.81	16.67	16.89	17.90	21.66	21.74	21.74	23.50

Band 2 Ant0 DSI9

BW [MHz]	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	20.42	20.55	20.44	21.5	0
20	QPSK	1	49	20.38	20.54	20.51		
20	QPSK	1	99	20.52	20.49	20.49		
20	QPSK	50	0	20.44	20.53	20.47	21.5	0
20	QPSK	50	24	20.50	20.51	20.48		
20	QPSK	50	50	20.31	20.50	20.45		
20	QPSK	100	0	20.35	20.49	20.44		
20	16QAM	1	0	20.51	20.46	20.52	21.5	0
20	16QAM	1	49	20.41	20.45	20.53		
20	16QAM	1	99	20.42	20.45	20.54		
20	16QAM	50	0	20.44	20.47	20.33	21.5	0
20	16QAM	50	24	20.39	20.44	20.33		
20	16QAM	50	50	20.42	20.46	20.48		
20	16QAM	100	0	20.30	20.43	20.49		
20	64QAM	1	0	20.25	20.33	20.36	21.5	0
20	64QAM	1	49	20.14	20.23	20.31		
20	64QAM	1	99	20.30	20.40	20.39		
20	64QAM	50	0	19.38	19.60	19.56	20.5	1
20	64QAM	50	24	19.33	19.44	19.12		
20	64QAM	50	50	19.33	19.31	19.18		
20	64QAM	100	0	19.20	19.44	19.21		
20	256QAM	1	0	17.48	17.49	17.52	18.5	3
20	256QAM	1	49	17.51	17.54	17.56		
20	256QAM	1	99	17.56	17.73	17.65		
20	256QAM	50	0	17.53	17.57	17.47	18.5	3
20	256QAM	50	24	17.55	17.55	17.53		
20	256QAM	50	50	17.56	17.57	17.53		
20	256QAM	100	0	17.57	17.51	17.52		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.41	20.52	20.44	21.5	0
15	QPSK	1	37	20.38	20.53	20.51		
15	QPSK	1	74	20.51	20.49	20.47		
15	QPSK	36	0	20.44	20.51	20.44	21.5	0
15	QPSK	36	20	20.48	20.49	20.47		
15	QPSK	36	39	20.31	20.50	20.45		
15	QPSK	75	0	20.35	20.49	20.42		
15	16QAM	1	0	20.50	20.46	20.51	21.5	0
15	16QAM	1	37	20.42	20.44	20.51		
15	16QAM	1	74	20.42	20.44	20.54		
15	16QAM	36	0	20.43	20.44	20.32	21.5	0
15	16QAM	36	20	20.39	20.42	20.32		
15	16QAM	36	39	20.42	20.45	20.47		
15	16QAM	75	0	20.30	20.43	20.47		
15	64QAM	1	0	20.04	20.24	20.29	21.5	0
15	64QAM	1	37	19.94	20.13	20.11		
15	64QAM	1	74	20.12	20.33	20.34		
15	64QAM	36	0	19.19	19.47	19.54	20.5	1
15	64QAM	36	20	19.18	19.42	19.07		
15	64QAM	36	39	19.34	19.17	19.11		
15	64QAM	75	0	19.08	19.39	19.04		
15	256QAM	1	0	17.39	17.40	17.44	18.5	3
15	256QAM	1	37	17.39	17.46	17.46		
15	256QAM	1	74	17.52	17.74	17.44		
15	256QAM	36	0	17.42	17.40	17.28	18.5	3
15	256QAM	36	20	17.57	17.50	17.40		
15	256QAM	36	39	17.41	17.37	17.54		
15	256QAM	75	0	17.57	17.34	17.45		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.42	20.53	20.42	21.5	0
10	QPSK	1	25	20.36	20.52	20.50		
10	QPSK	1	49	20.49	20.47	20.49		
10	QPSK	25	0	20.42	20.51	20.46	21.5	0
10	QPSK	25	12	20.50	20.51	20.48		
10	QPSK	25	25	20.28	20.50	20.46		
10	QPSK	50	0	20.33	20.50	20.41		
10	16QAM	1	0	20.48	20.47	20.49	21.5	0
10	16QAM	1	25	20.40	20.45	20.52		
10	16QAM	1	49	20.42	20.42	20.53		
10	16QAM	25	0	20.42	20.48	20.31	21.5	0
10	16QAM	25	12	20.39	20.44	20.31		
10	16QAM	25	25	20.40	20.45	20.48		
10	16QAM	50	0	20.27	20.42	20.47		
10	64QAM	1	0	20.08	20.30	20.17	21.5	0
10	64QAM	1	25	20.14	20.05	20.22		
10	64QAM	1	49	20.15	20.25	20.31		
10	64QAM	25	0	19.20	19.46	19.55	20.5	1
10	64QAM	25	12	19.20	19.25	19.10		
10	64QAM	25	25	19.28	19.12	19.14		
10	64QAM	50	0	19.05	19.37	19.07		
10	256QAM	1	0	17.42	17.48	17.38	18.5	3
10	256QAM	1	25	17.47	17.48	17.41		
10	256QAM	1	49	17.58	17.53	17.45		
10	256QAM	25	0	17.45	17.57	17.43	18.5	3
10	256QAM	25	12	17.47	17.33	17.44		
10	256QAM	25	25	17.43	17.48	17.46		
10	256QAM	50	0	17.41	17.40	17.46		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.41	20.54	20.42	21.5	0
5	QPSK	1	12	20.35	20.51	20.48		
5	QPSK	1	24	20.53	20.48	20.49		
5	QPSK	12	0	20.42	20.50	20.48	21.5	0
5	QPSK	12	7	20.51	20.49	20.47		
5	QPSK	12	13	20.28	20.49	20.43		
5	QPSK	25	0	20.35	20.47	20.43		
5	16QAM	1	0	20.51	20.46	20.53	21.5	0
5	16QAM	1	12	20.41	20.44	20.52		
5	16QAM	1	24	20.40	20.43	20.53		
5	16QAM	12	0	20.42	20.44	20.31	21.5	0
5	16QAM	12	7	20.37	20.43	20.32		
5	16QAM	12	13	20.43	20.47	20.46		
5	16QAM	25	0	20.27	20.41	20.50		
5	64QAM	1	0	20.05	20.15	20.28	21.5	0
5	64QAM	1	12	19.94	20.20	20.24		
5	64QAM	1	24	20.27	20.28	20.17		
5	64QAM	12	0	19.37	19.46	19.48	20.5	1
5	64QAM	12	7	19.29	19.35	19.06		
5	64QAM	12	13	19.18	19.23	19.02		
5	64QAM	25	0	19.01	19.44	19.04		
5	256QAM	1	0	17.44	17.33	17.40	18.5	3
5	256QAM	1	12	17.37	17.47	17.48		
5	256QAM	1	24	17.44	17.61	17.46		
5	256QAM	12	0	17.49	17.47	17.25	18.5	3
5	256QAM	12	7	17.56	17.47	17.45		
5	256QAM	12	13	17.51	17.50	17.45		
5	256QAM	25	0	17.51	17.30	17.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.40	20.54	20.41	21.5	0
3	QPSK	1	8	20.37	20.53	20.50		
3	QPSK	1	14	20.49	20.47	20.50		
3	QPSK	8	0	20.43	20.50	20.48	21.5	0
3	QPSK	8	4	20.48	20.51	20.47		
3	QPSK	8	7	20.31	20.48	20.44		
3	QPSK	15	0	20.33	20.46	20.43		
3	16QAM	1	0	20.51	20.47	20.49	21.5	0
3	16QAM	1	8	20.39	20.43	20.54		
3	16QAM	1	14	20.40	20.44	20.54		
3	16QAM	8	0	20.43	20.45	20.33	21.5	0
3	16QAM	8	4	20.37	20.42	20.30		
3	16QAM	8	7	20.41	20.43	20.48		
3	16QAM	15	0	20.27	20.42	20.50		
3	64QAM	1	0	20.12	20.18	20.25	21.5	0
3	64QAM	1	8	20.01	20.19	20.16		
3	64QAM	1	14	20.18	20.31	20.20		
3	64QAM	8	0	19.22	19.44	19.39	20.5	1
3	64QAM	8	4	19.21	19.22	19.10		
3	64QAM	8	7	19.32	19.11	19.15		
3	64QAM	15	0	19.06	19.44	19.06		
3	256QAM	1	0	17.28	17.36	17.49	18.5	3
3	256QAM	1	8	17.51	17.44	17.47		
3	256QAM	1	14	17.49	17.56	17.49		
3	256QAM	8	0	17.53	17.49	17.27	18.5	3
3	256QAM	8	4	17.37	17.33	17.50		
3	256QAM	8	7	17.45	17.52	17.45		
3	256QAM	15	0	17.55	17.49	17.48		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.41	20.54	20.44	21.5	0
1.4	QPSK	1	3	20.37	20.52	20.50		
1.4	QPSK	1	5	20.51	20.47	20.48		
1.4	QPSK	3	0	20.43	20.52	20.46		
1.4	QPSK	3	1	20.50	20.50	20.47		
1.4	QPSK	3	3	20.31	20.49	20.44		
1.4	QPSK	6	0	20.34	20.47	20.43	21.5	0
1.4	16QAM	1	0	20.51	20.45	20.51	21.5	0
1.4	16QAM	1	3	20.39	20.44	20.52		
1.4	16QAM	1	5	20.41	20.44	20.54		
1.4	16QAM	3	0	20.43	20.46	20.32		
1.4	16QAM	3	1	20.38	20.44	20.32		
1.4	16QAM	3	3	20.42	20.44	20.47		
1.4	16QAM	6	0	20.30	20.42	20.48	21.5	0
1.4	64QAM	1	0	20.24	20.15	20.19	21.5	0
1.4	64QAM	1	3	19.99	20.23	20.13		
1.4	64QAM	1	5	20.20	20.42	20.27		
1.4	64QAM	3	0	20.05	20.04	20.01		
1.4	64QAM	3	1	19.94	20.14	19.94		
1.4	64QAM	3	3	19.98	20.39	20.12		
1.4	64QAM	6	0	19.01	19.41	19.04	20.5	1
1.4	256QAM	1	0	17.43	17.51	17.35	18.5	3
1.4	256QAM	1	3	17.29	17.43	17.58		
1.4	256QAM	1	5	17.56	17.62	17.47		
1.4	256QAM	3	0	17.48	17.57	17.30		
1.4	256QAM	3	1	17.47	17.39	17.39		
1.4	256QAM	3	3	17.50	17.36	17.38		
1.4	256QAM	6	0	17.56	17.38	17.42	18.5	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.21	18.47	18.21	19.1	0
20	QPSK	1	49	18.16	18.29	18.26		
20	QPSK	1	99	18.21	18.31	18.23		
20	QPSK	50	0	18.13	18.45	18.21	19.1	0
20	QPSK	50	24	18.20	18.24	18.30		
20	QPSK	50	50	18.19	18.40	18.29		
20	QPSK	100	0	18.19	18.42	18.21		
20	16QAM	1	0	18.18	18.31	18.24	19.1	0
20	16QAM	1	49	18.21	18.42	18.25		
20	16QAM	1	99	18.25	18.29	18.31		
20	16QAM	50	0	18.20	18.34	18.10	19.1	0
20	16QAM	50	24	18.09	18.43	18.32		
20	16QAM	50	50	18.25	18.28	18.20		
20	16QAM	100	0	18.23	18.28	18.22		
20	64QAM	1	0	18.32	18.28	18.32	19.1	0
20	64QAM	1	49	18.24	18.32	18.18		
20	64QAM	1	99	18.18	18.29	18.18		
20	64QAM	50	0	18.28	18.38	18.22	19.1	0
20	64QAM	50	24	18.09	18.24	18.28		
20	64QAM	50	50	18.20	18.43	18.23		
20	64QAM	100	0	18.09	18.43	18.15		
20	256QAM	1	0	17.46	17.68	17.33	18.1	1
20	256QAM	1	49	17.27	17.35	17.50		
20	256QAM	1	99	17.57	17.37	17.59		
20	256QAM	50	0	17.39	17.52	17.54	18.1	1
20	256QAM	50	24	17.28	17.44	17.30		
20	256QAM	50	50	17.49	17.27	17.49		
20	256QAM	100	0	17.32	17.55	17.45		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.10	18.44	18.32	19.1	0
15	QPSK	1	37	18.26	18.34	18.21		
15	QPSK	1	74	18.30	18.40	18.21		
15	QPSK	36	0	18.19	18.43	18.19	19.1	0
15	QPSK	36	20	18.18	18.32	18.36		
15	QPSK	36	39	18.17	18.41	18.29		
15	QPSK	75	0	18.11	18.45	18.16		
15	16QAM	1	0	18.16	18.38	18.20	19.1	0
15	16QAM	1	37	18.09	18.43	18.21		
15	16QAM	1	74	18.35	18.30	18.33		
15	16QAM	36	0	18.29	18.28	18.13	19.1	0
15	16QAM	36	20	18.06	18.44	18.25		
15	16QAM	36	39	18.21	18.37	18.19		
15	16QAM	75	0	18.30	18.26	18.22		
15	64QAM	1	0	18.31	18.35	18.23	19.1	0
15	64QAM	1	37	18.16	18.22	18.07		
15	64QAM	1	74	18.20	18.26	18.22		
15	64QAM	36	0	18.21	18.40	18.32	19.1	0
15	64QAM	36	20	18.02	18.19	18.37		
15	64QAM	36	39	18.31	18.37	18.29		
15	64QAM	75	0	18.13	18.46	18.12		
15	256QAM	1	0	17.37	17.62	17.31	18.1	1
15	256QAM	1	37	17.37	17.36	17.57		
15	256QAM	1	74	17.65	17.34	17.57		
15	256QAM	36	0	17.39	17.63	17.45	18.1	1
15	256QAM	36	20	17.34	17.48	17.26		
15	256QAM	36	39	17.39	17.30	17.38		
15	256QAM	75	0	17.42	17.57	17.37		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.08	18.35	18.23	19.1	0
10	QPSK	1	25	18.35	18.43	18.15		
10	QPSK	1	49	18.40	18.29	18.25		
10	QPSK	25	0	18.21	18.37	18.28	19.1	0
10	QPSK	25	12	18.23	18.25	18.33		
10	QPSK	25	25	18.14	18.30	18.33		
10	QPSK	50	0	18.02	18.42	18.09		
10	16QAM	1	0	18.08	18.38	18.19	19.1	0
10	16QAM	1	25	18.12	18.34	18.30		
10	16QAM	1	49	18.40	18.32	18.42		
10	16QAM	25	0	18.19	18.38	18.06	19.1	0
10	16QAM	25	12	18.14	18.42	18.19		
10	16QAM	25	25	18.10	18.42	18.20		
10	16QAM	50	0	18.29	18.20	18.25		
10	64QAM	1	0	18.24	18.25	18.27	19.1	0
10	64QAM	1	25	18.25	18.23	18.17		
10	64QAM	1	49	18.25	18.26	18.26		
10	64QAM	25	0	18.10	18.41	18.20	19.1	0
10	64QAM	25	12	18.03	18.29	18.36		
10	64QAM	25	25	18.23	18.31	18.23		
10	64QAM	50	0	18.18	18.43	18.20		
10	256QAM	1	0	17.37	17.63	17.35	18.1	1
10	256QAM	1	25	17.35	17.29	17.67		
10	256QAM	1	49	17.65	17.39	17.65		
10	256QAM	25	0	17.36	17.52	17.38	18.1	1
10	256QAM	25	12	17.41	17.49	17.28		
10	256QAM	25	25	17.35	17.24	17.44		
10	256QAM	50	0	17.33	17.45	17.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.02	18.36	18.16	19.1	0
5	QPSK	1	12	18.31	18.46	18.13		
5	QPSK	1	24	18.40	18.26	18.25		
5	QPSK	12	0	18.19	18.35	18.23	19.1	0
5	QPSK	12	7	18.19	18.20	18.35		
5	QPSK	12	13	18.17	18.33	18.27		
5	QPSK	25	0	18.07	18.36	18.10		
5	16QAM	1	0	18.07	18.31	18.19	19.1	0
5	16QAM	1	12	18.07	18.28	18.24		
5	16QAM	1	24	18.42	18.31	18.45		
5	16QAM	12	0	18.22	18.40	18.05	19.1	0
5	16QAM	12	7	18.17	18.40	18.23		
5	16QAM	12	13	18.11	18.35	18.23		
5	16QAM	25	0	18.32	18.22	18.25		
5	64QAM	1	0	18.25	18.28	18.22	19.1	0
5	64QAM	1	12	18.25	18.16	18.16		
5	64QAM	1	24	18.20	18.22	18.24		
5	64QAM	12	0	18.06	18.41	18.20	19.1	0
5	64QAM	12	7	18.05	18.23	18.33		
5	64QAM	12	13	18.23	18.29	18.24		
5	64QAM	25	0	18.19	18.39	18.18		
5	256QAM	1	0	17.30	17.63	17.36	18.1	1
5	256QAM	1	12	17.38	17.27	17.60		
5	256QAM	1	24	17.69	17.33	17.65		
5	256QAM	12	0	17.37	17.55	17.38	18.1	1
5	256QAM	12	7	17.41	17.53	17.29		
5	256QAM	12	13	17.33	17.26	17.39		
5	256QAM	25	0	17.26	17.43	17.38		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.38	18.41	18.15	19.1	0
3	QPSK	1	8	18.30	18.43	18.12		
3	QPSK	1	14	18.37	18.24	18.25		
3	QPSK	8	0	18.18	18.40	18.27	19.1	0
3	QPSK	8	4	18.20	18.15	18.28		
3	QPSK	8	7	18.12	18.37	18.26		
3	QPSK	15	0	18.01	18.37	18.04		
3	16QAM	1	0	18.08	18.29	18.19	19.1	0
3	16QAM	1	8	18.07	18.31	18.23		
3	16QAM	1	14	18.45	18.24	18.41		
3	16QAM	8	0	18.24	18.42	17.98	19.1	0
3	16QAM	8	4	18.13	18.43	18.25		
3	16QAM	8	7	18.10	18.31	18.22		
3	16QAM	15	0	18.31	18.16	18.24		
3	64QAM	1	0	18.25	18.22	18.23	19.1	0
3	64QAM	1	8	18.28	18.18	18.14		
3	64QAM	1	14	18.14	18.20	18.26		
3	64QAM	8	0	18.05	18.34	18.21	19.1	0
3	64QAM	8	4	17.99	18.21	18.31		
3	64QAM	8	7	18.18	18.33	18.22		
3	64QAM	15	0	18.13	18.41	18.16		
3	256QAM	1	0	17.28	17.64	17.32	18.1	1
3	256QAM	1	8	17.33	17.22	17.58		
3	256QAM	1	14	17.70	17.36	17.62		
3	256QAM	8	0	17.30	17.51	17.39	18.1	1
3	256QAM	8	4	17.38	17.57	17.27		
3	256QAM	8	7	17.36	17.31	17.34		
3	256QAM	15	0	17.20	17.42	17.34		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.31	18.36	18.12	19.1	0
1.4	QPSK	1	3	18.33	18.38	18.08		
1.4	QPSK	1	5	18.38	18.29	18.21		
1.4	QPSK	3	0	18.17	18.41	18.25		
1.4	QPSK	3	1	18.17	18.09	18.30		
1.4	QPSK	3	3	18.15	18.34	18.24		
1.4	QPSK	6	0	18.05	18.32	18.08	19.1	0
1.4	16QAM	1	0	18.02	18.30	18.23	19.1	0
1.4	16QAM	1	3	18.03	18.34	18.27		
1.4	16QAM	1	5	18.36	18.19	18.39		
1.4	16QAM	3	0	18.18	18.39	17.91		
1.4	16QAM	3	1	18.17	18.37	18.30		
1.4	16QAM	3	3	18.08	18.26	18.25		
1.4	16QAM	6	0	18.32	18.13	18.23	19.1	0
1.4	64QAM	1	0	18.29	18.19	18.19	19.1	0
1.4	64QAM	1	3	18.27	18.23	18.17		
1.4	64QAM	1	5	18.10	18.18	18.24		
1.4	64QAM	3	0	18.01	18.29	18.24		
1.4	64QAM	3	1	18.02	18.18	18.36		
1.4	64QAM	3	3	18.13	18.31	18.22		
1.4	64QAM	6	0	18.11	18.34	18.10	19.1	0
1.4	256QAM	1	0	17.26	17.63	17.27	18.1	1
1.4	256QAM	1	3	17.26	17.25	17.52		
1.4	256QAM	1	5	17.67	17.38	17.56		
1.4	256QAM	3	0	17.32	17.48	17.42		
1.4	256QAM	3	1	17.42	17.61	17.26		
1.4	256QAM	3	3	17.35	17.36	17.30		
1.4	256QAM	6	0	17.17	17.36	17.34	18.1	1

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	22.45	22.47	22.39	24	0
10	QPSK	1	25	22.30	22.38	22.33		
10	QPSK	1	49	22.29	22.43	22.37		
10	QPSK	25	0	22.32	22.39	22.37	24	0
10	QPSK	25	12	22.30	22.24	22.15		
10	QPSK	25	25	22.37	22.28	22.33		
10	QPSK	50	0	22.22	22.36	22.31		
10	16QAM	1	0	22.21	22.31	22.20	24	0
10	16QAM	1	25	22.33	22.28	22.44		
10	16QAM	1	49	22.32	22.20	22.26		
10	16QAM	25	0	21.70	21.55	21.60	23	1
10	16QAM	25	12	21.51	21.57	21.31		
10	16QAM	25	25	21.44	21.68	21.48		
10	16QAM	50	0	21.65	21.69	21.57		
10	64QAM	1	0	21.58	21.44	21.54	23	1
10	64QAM	1	25	21.53	21.48	21.50		
10	64QAM	1	49	21.31	21.55	21.10		
10	64QAM	25	0	20.69	20.54	20.67	22	2
10	64QAM	25	12	20.48	20.50	20.46		
10	64QAM	25	25	20.39	20.38	20.41		
10	64QAM	50	0	20.58	20.52	20.41		
10	256QAM	1	0	18.65	18.66	18.36	20	4
10	256QAM	1	25	18.40	18.40	18.53		
10	256QAM	1	49	18.73	18.47	18.67		
10	256QAM	25	0	18.57	18.65	18.49	20	4
10	256QAM	25	12	18.53	18.45	18.41		
10	256QAM	25	25	18.59	18.27	18.61		
10	256QAM	50	0	18.48	18.49	18.62		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.41	22.37	22.41	24	0
5	QPSK	1	12	22.27	22.38	22.34		
5	QPSK	1	24	22.37	22.32	22.46		
5	QPSK	12	0	22.26	22.41	22.28	24	0
5	QPSK	12	7	22.28	22.31	22.27		
5	QPSK	12	13	22.26	22.18	22.35		
5	QPSK	25	0	22.24	22.38	22.34		
5	16QAM	1	0	22.28	22.43	22.19	24	0
5	16QAM	1	12	22.27	22.43	22.32		
5	16QAM	1	24	22.25	22.31	22.16		
5	16QAM	12	0	21.75	21.59	21.66	23	1
5	16QAM	12	7	21.64	21.65	21.47		
5	16QAM	12	13	21.53	21.68	21.61		
5	16QAM	25	0	21.71	21.53	21.60		
5	64QAM	1	0	21.59	21.61	21.53	23	1
5	64QAM	1	12	21.46	21.54	21.50		
5	64QAM	1	24	21.40	21.58	21.12		
5	64QAM	12	0	20.61	20.62	20.78	22	2
5	64QAM	12	7	20.36	20.54	20.43		
5	64QAM	12	13	20.47	20.52	20.41		
5	64QAM	25	0	20.53	20.38	20.43		
5	256QAM	1	0	18.53	18.78	18.52	20	4
5	256QAM	1	12	18.52	18.42	18.55		
5	256QAM	1	24	18.69	18.52	18.78		
5	256QAM	12	0	18.42	18.65	18.58	20	4
5	256QAM	12	7	18.39	18.35	18.56		
5	256QAM	12	13	18.59	18.37	18.49		
5	256QAM	25	0	18.50	18.60	18.54		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.38	22.38	22.34	24	0
3	QPSK	1	8	22.31	22.22	22.37		
3	QPSK	1	14	22.35	22.25	22.33		
3	QPSK	8	0	22.27	22.42	22.25	24	0
3	QPSK	8	4	22.25	22.14	22.22		
3	QPSK	8	7	22.34	22.21	22.39		
3	QPSK	15	0	22.30	22.28	22.34		
3	16QAM	1	0	22.20	22.40	22.28	24	0
3	16QAM	1	8	22.24	22.37	22.43		
3	16QAM	1	14	22.27	22.37	22.12		
3	16QAM	8	0	21.76	21.57	21.76	23	1
3	16QAM	8	4	21.55	21.63	21.45		
3	16QAM	8	7	21.54	21.64	21.59		
3	16QAM	15	0	21.55	21.56	21.62		
3	64QAM	1	0	21.70	21.66	21.67	23	1
3	64QAM	1	8	21.54	21.63	21.38		
3	64QAM	1	14	21.37	21.56	21.21		
3	64QAM	8	0	20.71	20.55	20.79	22	2
3	64QAM	8	4	20.44	20.56	20.40		
3	64QAM	8	7	20.46	20.48	20.49		
3	64QAM	15	0	20.51	20.40	20.33		
3	256QAM	1	0	18.55	18.79	18.38	20	4
3	256QAM	1	8	18.40	18.42	18.44		
3	256QAM	1	14	18.69	18.52	18.75		
3	256QAM	8	0	18.52	18.65	18.67	20	4
3	256QAM	8	4	18.42	18.47	18.42		
3	256QAM	8	7	18.56	18.42	18.59		
3	256QAM	15	0	18.50	18.57	18.48		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.34	22.38	22.26	24	0
1.4	QPSK	1	3	22.24	22.16	22.38		
1.4	QPSK	1	5	22.38	22.31	22.25		
1.4	QPSK	3	0	22.19	22.31	22.12		
1.4	QPSK	3	1	22.18	22.34	22.19		
1.4	QPSK	3	3	22.29	22.19	22.21		
1.4	QPSK	6	0	22.28	22.35	22.25	24	0
1.4	16QAM	1	0	22.21	22.14	22.23	24	0
1.4	16QAM	1	3	22.09	22.14	22.04		
1.4	16QAM	1	5	22.38	22.29	22.15		
1.4	16QAM	3	0	22.22	22.35	22.29		
1.4	16QAM	3	1	22.10	22.19	22.17		
1.4	16QAM	3	3	22.40	22.14	22.17		
1.4	16QAM	6	0	21.48	21.52	21.18	23	1
1.4	64QAM	1	0	21.44	21.46	21.51	23	1
1.4	64QAM	1	3	21.51	21.20	21.53		
1.4	64QAM	1	5	21.06	21.38	21.34		
1.4	64QAM	3	0	21.71	21.52	21.42		
1.4	64QAM	3	1	21.30	21.27	21.38		
1.4	64QAM	3	3	21.24	21.38	21.21		
1.4	64QAM	6	0	20.34	20.66	20.19	22	2
1.4	256QAM	1	0	18.53	18.52	18.49	20	4
1.4	256QAM	1	3	18.40	18.50	18.28		
1.4	256QAM	1	5	18.42	18.58	18.63		
1.4	256QAM	3	0	18.57	18.41	18.42		
1.4	256QAM	3	1	18.10	18.50	18.52		
1.4	256QAM	3	3	18.58	18.53	18.51		
1.4	256QAM	6	0	18.61	18.54	18.34	20	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.43	16.54	16.52	17.4	0
20	QPSK	1	49	16.26	16.47	16.36		
20	QPSK	1	99	16.29	16.52	16.51		
20	QPSK	50	0	16.41	16.51	16.41	17.4	0
20	QPSK	50	24	16.33	16.48	16.44		
20	QPSK	50	50	16.29	16.41	16.50		
20	QPSK	100	0	16.38	16.40	16.39		
20	16QAM	1	0	16.50	16.39	16.35	17.4	0
20	16QAM	1	49	16.41	16.50	16.53		
20	16QAM	1	99	16.42	16.38	16.52		
20	16QAM	50	0	16.38	16.41	16.44	17.4	0
20	16QAM	50	24	16.38	16.38	16.53		
20	16QAM	50	50	16.45	16.37	16.37		
20	16QAM	100	0	16.27	16.50	16.38		
20	64QAM	1	0	16.46	16.45	16.50	17.4	0
20	64QAM	1	49	16.49	16.53	16.51		
20	64QAM	1	99	16.49	16.52	16.46		
20	64QAM	50	0	16.37	16.48	16.46	17.4	0
20	64QAM	50	24	16.31	16.51	16.40		
20	64QAM	50	50	16.50	16.52	16.48		
20	64QAM	100	0	16.40	16.51	16.49		
20	256QAM	1	0	16.31	16.52	16.38	17.4	0
20	256QAM	1	49	16.38	16.50	16.38		
20	256QAM	1	99	16.37	16.41	16.51		
20	256QAM	50	0	16.49	16.46	16.35	17.4	0
20	256QAM	50	24	16.39	16.53	16.47		
20	256QAM	50	50	16.32	16.53	16.39		
20	256QAM	100	0	16.43	16.40	16.39		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.45	16.48	16.46	17.4	0
15	QPSK	1	37	16.29	16.46	16.37		
15	QPSK	1	74	16.31	16.51	16.52		
15	QPSK	36	0	16.36	16.49	16.44	17.4	0
15	QPSK	36	20	16.37	16.44	16.48		
15	QPSK	36	39	16.25	16.45	16.46		
15	QPSK	75	0	16.42	16.38	16.40		
15	16QAM	1	0	16.47	16.39	16.29	17.4	0
15	16QAM	1	37	16.36	16.47	16.53		
15	16QAM	1	74	16.41	16.37	16.47		
15	16QAM	36	0	16.40	16.44	16.43	17.4	0
15	16QAM	36	20	16.39	16.41	16.53		
15	16QAM	36	39	16.47	16.41	16.34		
15	16QAM	75	0	16.28	16.44	16.38		
15	64QAM	1	0	16.50	16.46	16.50	17.4	0
15	64QAM	1	37	16.52	16.48	16.47		
15	64QAM	1	74	16.51	16.50	16.44		
15	64QAM	36	0	16.35	16.51	16.43	17.4	0
15	64QAM	36	20	16.29	16.47	16.35		
15	64QAM	36	39	16.44	16.51	16.50		
15	64QAM	75	0	16.43	16.51	16.45		
15	256QAM	1	0	16.29	16.47	16.39	17.4	0
15	256QAM	1	37	16.35	16.48	16.35		
15	256QAM	1	74	16.40	16.42	16.49		
15	256QAM	36	0	16.51	16.46	16.35	17.4	0
15	256QAM	36	20	16.40	16.53	16.48		
15	256QAM	36	39	16.35	16.49	16.43		
15	256QAM	75	0	16.46	16.38	16.43		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.40	16.52	16.50	17.4	0
10	QPSK	1	25	16.18	16.46	16.34		
10	QPSK	1	49	16.24	16.48	16.48		
10	QPSK	25	0	16.38	16.45	16.40	17.4	0
10	QPSK	25	12	16.29	16.45	16.43		
10	QPSK	25	25	16.25	16.37	16.44		
10	QPSK	50	0	16.32	16.37	16.37		
10	16QAM	1	0	16.45	16.35	16.32	17.4	0
10	16QAM	1	25	16.34	16.46	16.51		
10	16QAM	1	49	16.39	16.35	16.47		
10	16QAM	25	0	16.39	16.36	16.45	17.4	0
10	16QAM	25	12	16.32	16.33	16.48		
10	16QAM	25	25	16.46	16.33	16.31		
10	16QAM	50	0	16.24	16.48	16.36		
10	64QAM	1	0	16.41	16.42	16.48	17.4	0
10	64QAM	1	25	16.45	16.44	16.46		
10	64QAM	1	49	16.48	16.50	16.42		
10	64QAM	25	0	16.30	16.47	16.46	17.4	0
10	64QAM	25	12	16.30	16.42	16.37		
10	64QAM	25	25	16.50	16.51	16.45		
10	64QAM	50	0	16.40	16.50	16.46		
10	256QAM	1	0	16.26	16.49	16.36	17.4	0
10	256QAM	1	25	16.31	16.45	16.36		
10	256QAM	1	49	16.33	16.42	16.51		
10	256QAM	25	0	16.46	16.38	16.32	17.4	0
10	256QAM	25	12	16.33	16.51	16.41		
10	256QAM	25	25	16.31	16.48	16.35		
10	256QAM	50	0	16.40	16.38	16.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.40	16.52	16.50	17.4	0
5	QPSK	1	12	16.21	16.44	16.36		
5	QPSK	1	24	16.26	16.51	16.51		
5	QPSK	12	0	16.39	16.51	16.39	17.4	0
5	QPSK	12	7	16.33	16.49	16.40		
5	QPSK	12	13	16.30	16.37	16.48		
5	QPSK	25	0	16.33	16.38	16.37		
5	16QAM	1	0	16.50	16.38	16.31	17.4	0
5	16QAM	1	12	16.41	16.49	16.52		
5	16QAM	1	24	16.41	16.38	16.52		
5	16QAM	12	0	16.37	16.41	16.39	17.4	0
5	16QAM	12	7	16.36	16.34	16.50		
5	16QAM	12	13	16.44	16.34	16.38		
5	16QAM	25	0	16.24	16.46	16.33		
5	64QAM	1	0	16.42	16.46	16.49	17.4	0
5	64QAM	1	12	16.45	16.53	16.49		
5	64QAM	1	24	16.48	16.48	16.42		
5	64QAM	12	0	16.32	16.47	16.41	17.4	0
5	64QAM	12	7	16.28	16.48	16.39		
5	64QAM	12	13	16.50	16.48	16.45		
5	64QAM	25	0	16.39	16.46	16.45		
5	256QAM	1	0	16.31	16.47	16.33	17.4	0
5	256QAM	1	12	16.34	16.50	16.36		
5	256QAM	1	24	16.33	16.39	16.49		
5	256QAM	12	0	16.49	16.45	16.36	17.4	0
5	256QAM	12	7	16.35	16.49	16.43		
5	256QAM	12	13	16.27	16.49	16.38		
5	256QAM	25	0	16.41	16.41	16.34		

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	22.35	22.37	22.10		
10	QPSK	1	25	22.17	22.21	22.19	24	0
10	QPSK	1	49	22.06	22.33	22.14		
10	QPSK	25	0	22.06	22.26	22.11		
10	QPSK	25	12	22.16	22.18	22.15	24	0
10	QPSK	25	25	22.11	22.03	22.16		
10	QPSK	50	0	22.02	22.17	22.06		
10	16QAM	1	0	22.07	22.12	22.05		
10	16QAM	1	25	22.05	22.22	22.24	24	0
10	16QAM	1	49	22.15	22.07	22.05		
10	16QAM	25	0	21.42	21.32	21.42		
10	16QAM	25	12	21.46	21.33	21.10	23	1
10	16QAM	25	25	21.27	21.57	21.18		
10	16QAM	50	0	21.43	21.58	21.28		
10	64QAM	1	0	21.45	21.18	21.34		
10	64QAM	1	25	21.46	21.17	21.12	23	1
10	64QAM	1	49	21.09	21.42	21.39		
10	64QAM	25	0	20.54	20.30	20.51		
10	64QAM	25	12	20.20	20.46	20.23	22	2
10	64QAM	25	25	20.32	20.29	20.20		
10	64QAM	50	0	20.28	20.39	20.41		
10	256QAM	1	0	18.45	18.47	18.03		
10	256QAM	1	25	18.21	18.11	18.18	20	4
10	256QAM	1	49	18.32	18.10	18.32		
10	256QAM	25	0	18.32	18.53	18.20		
10	256QAM	25	12	18.44	18.18	18.20	20	4
10	256QAM	25	25	18.33	18.20	18.42		
10	256QAM	50	0	18.12	18.41	18.37		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.18	22.25	22.17	24	0
5	QPSK	1	12	22.18	22.24	22.26		
5	QPSK	1	24	22.05	22.28	22.23		
5	QPSK	12	0	22.00	22.29	22.19	24	0
5	QPSK	12	7	22.21	22.04	22.28		
5	QPSK	12	13	22.13	22.09	22.26		
5	QPSK	25	0	22.03	22.12	22.21		
5	16QAM	1	0	22.06	22.18	22.02		
5	16QAM	1	12	22.00	22.21	22.36	24	0
5	16QAM	1	24	22.10	22.05	22.00		
5	16QAM	12	0	21.39	21.36	21.40		
5	16QAM	12	7	21.44	21.41	21.27	23	1
5	16QAM	12	13	21.19	21.64	21.33		
5	16QAM	25	0	21.54	21.54	21.33		
5	64QAM	1	0	21.42	21.27	21.43		
5	64QAM	1	12	21.36	21.27	21.29	23	1
5	64QAM	1	24	21.11	21.33	21.43		
5	64QAM	12	0	20.40	20.39	20.45		
5	64QAM	12	7	20.29	20.47	20.27	22	2
5	64QAM	12	13	20.19	20.28	20.13		
5	64QAM	25	0	20.40	20.26	20.22		
5	256QAM	1	0	18.55	18.36	18.55		
5	256QAM	1	12	18.14	18.23	18.15	20	4
5	256QAM	1	24	18.55	18.16	18.38		
5	256QAM	12	0	18.45	18.51	18.30		
5	256QAM	12	7	18.34	18.20	18.29	20	4
5	256QAM	12	13	18.24	18.30	18.43		
5	256QAM	25	0	18.15	18.24	18.38		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.35	22.29	22.20	24	0
3	QPSK	1	8	22.18	22.33	22.17		
3	QPSK	1	14	22.09	22.20	22.18		
3	QPSK	8	0	22.00	22.10	22.27		
3	QPSK	8	4	22.17	22.18	22.13	24	0
3	QPSK	8	7	22.06	22.07	22.01		
3	QPSK	15	0	22.19	22.10	22.13		
3	16QAM	1	0	22.01	22.16	22.06		
3	16QAM	1	8	22.01	22.09	22.33	24	0
3	16QAM	1	14	22.16	22.00	22.05		
3	16QAM	8	0	21.49	21.41	21.39		
3	16QAM	8	4	21.38	21.51	21.16	23	1
3	16QAM	8	7	21.18	21.51	21.33		
3	16QAM	15	0	21.55	21.40	21.41		
3	64QAM	1	0	21.36	21.22	21.49		
3	64QAM	1	8	21.48	21.25	21.15	23	1
3	64QAM	1	14	21.21	21.33	21.37		
3	64QAM	8	0	20.53	20.37	20.49		
3	64QAM	8	4	20.15	20.31	20.25	22	2
3	64QAM	8	7	20.23	20.18	20.22		
3	64QAM	15	0	20.37	20.24	20.35		
3	256QAM	1	0	18.52	18.43	18.15		
3	256QAM	1	8	18.23	18.28	18.17	20	4
3	256QAM	1	14	18.51	18.10	18.43		
3	256QAM	8	0	18.50	18.34	18.16		
3	256QAM	8	4	18.34	18.17	18.34	20	4
3	256QAM	8	7	18.28	18.09	18.52		
3	256QAM	15	0	18.11	18.32	18.43		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.32	22.47	22.29	24	0
1.4	QPSK	1	3	22.32	22.26	22.45		
1.4	QPSK	1	5	22.44	22.31	22.22		
1.4	QPSK	3	0	22.23	22.32	22.07		
1.4	QPSK	3	1	22.24	22.33	22.19		
1.4	QPSK	3	3	22.31	22.13	22.25		
1.4	QPSK	6	0	22.30	22.32	22.15	24	0
1.4	16QAM	1	0	22.23	22.18	22.18		
1.4	16QAM	1	3	22.17	22.10	22.23		
1.4	16QAM	1	5	22.33	22.19	22.15	24	0
1.4	16QAM	3	0	22.17	22.33	22.29		
1.4	16QAM	3	1	22.11	22.28	22.27		
1.4	16QAM	3	3	22.46	22.14	22.23		
1.4	16QAM	6	0	21.53	21.50	21.26	23	1
1.4	64QAM	1	0	21.50	21.39	21.59		
1.4	64QAM	1	3	21.42	21.11	21.53		
1.4	64QAM	1	5	21.09	21.42	21.27	23	1
1.4	64QAM	3	0	21.38	21.48	21.45		
1.4	64QAM	3	1	21.25	21.20	21.38		
1.4	64QAM	3	3	21.30	21.32	21.15		
1.4	64QAM	6	0	20.29	20.68	20.27	22	2
1.4	256QAM	1	0	18.62	18.43	18.53		
1.4	256QAM	1	3	18.40	18.49	18.22		
1.4	256QAM	1	5	18.40	18.57	18.68	20	4
1.4	256QAM	3	0	18.58	18.46	18.36		
1.4	256QAM	3	1	18.12	18.53	18.53		
1.4	256QAM	3	3	18.60	18.54	18.52		
1.4	256QAM	6	0	18.54	18.51	18.30	20	4

22.09

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.32			
10	QPSK	1	25		22.21		23.8	0
10	QPSK	1	49		22.25			
10	QPSK	25	0		22.28			
10	QPSK	25	12		22.19		23.8	0
10	QPSK	25	25		22.06			
10	QPSK	50	0		22.11			
10	16QAM	1	0		22.06			
10	16QAM	1	25		22.14		23.8	0
10	16QAM	1	49		22.07			
10	16QAM	25	0		21.28			
10	16QAM	25	12		21.28		22.8	1
10	16QAM	25	25		21.38			
10	16QAM	50	0		21.53			
10	64QAM	1	0		21.16			
10	64QAM	1	25		21.22		22.8	1
10	64QAM	1	49		21.45			
10	64QAM	25	0		20.25			
10	64QAM	25	12		20.49		21.8	2
10	64QAM	25	25		20.22			
10	64QAM	50	0		20.29			
10	256QAM	1	0		18.09			
10	256QAM	1	25		18.03		19.8	4
10	256QAM	1	49		18.09			
10	256QAM	25	0		18.63			
10	256QAM	25	12		18.14		19.8	4
10	256QAM	25	25		18.29			
10	256QAM	50	0		18.35			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.28	22.28	22.01		
5	QPSK	1	12	22.08	22.04	22.17	23.8	0
5	QPSK	1	24	22.17	22.15	22.06		
5	QPSK	12	0	22.05	22.24	22.00		
5	QPSK	12	7	22.00	22.02	22.00	23.8	0
5	QPSK	12	13	22.00	22.05	22.14		
5	QPSK	25	0	22.00	22.09	22.03		
5	16QAM	1	0	22.04	22.03	22.00		
5	16QAM	1	12	22.01	22.19	22.10	23.8	0
5	16QAM	1	24	22.01	22.05	22.09		
5	16QAM	12	0	21.40	21.21	21.22		
5	16QAM	12	7	21.45	21.18	21.02	22.8	1
5	16QAM	12	13	21.24	21.39	21.12		
5	16QAM	25	0	21.42	21.54	21.21		
5	64QAM	1	0	21.30	21.06	21.25		
5	64QAM	1	12	21.32	21.08	21.00	22.8	1
5	64QAM	1	24	21.06	21.34	21.36		
5	64QAM	12	0	20.46	20.13	20.41		
5	64QAM	12	7	20.02	20.40	20.10	21.8	2
5	64QAM	12	13	20.17	20.29	20.17		
5	64QAM	25	0	20.17	20.36	20.36		
5	256QAM	1	0	18.28	18.41	18.25		
5	256QAM	1	12	18.14	18.03	18.11	19.8	4
5	256QAM	1	24	18.25	18.03	18.32		
5	256QAM	12	0	18.22	18.45	18.00		
5	256QAM	12	7	18.30	18.11	18.19	19.8	4
5	256QAM	12	13	18.31	18.20	18.28		
5	256QAM	25	0	18.06	18.35	18.34		

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	22.30	22.32	22.18		
10	QPSK	1	25	22.01	22.01	22.03	24	0
10	QPSK	1	49	22.06	22.13	22.02		
10	QPSK	25	0	22.12	22.23	22.03		
10	QPSK	25	12	22.00	22.14	22.15	24	0
10	QPSK	25	25	22.07	22.10	22.13		
10	QPSK	50	0	22.05	22.19	22.06		
10	16QAM	1	0	22.23	22.01	22.11		
10	16QAM	1	25	22.19	22.08	22.20	24	0
10	16QAM	1	49	22.11	22.15	22.14		
10	16QAM	25	0	21.36	21.26	21.23		
10	16QAM	25	12	21.44	21.30	21.00	23	1
10	16QAM	25	25	21.12	21.15	21.15		
10	16QAM	50	0	21.42	21.46	21.17		
10	64QAM	1	0	21.27	21.01	21.32		
10	64QAM	1	25	21.35	21.12	21.01	23	1
10	64QAM	1	49	21.08	21.26	21.27		
10	64QAM	25	0	20.51	20.11	20.45		
10	64QAM	25	12	20.03	20.32	20.04	22	2
10	64QAM	25	25	20.29	20.18	20.20		
10	64QAM	50	0	20.11	20.36	20.32		
10	256QAM	1	0	18.32	18.07	18.08		
10	256QAM	1	25	18.07	18.28	18.06	20	4
10	256QAM	1	49	18.31	18.07	18.20		
10	256QAM	25	0	18.28	18.48	18.06		
10	256QAM	25	12	18.29	18.11	18.08	20	4
10	256QAM	25	25	18.28	18.14	18.31		
10	256QAM	50	0	18.06	18.25	18.21		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.21	22.25	22.08		
5	QPSK	1	12	22.16	22.14	22.16	24	0
5	QPSK	1	24	22.03	22.27	22.05		
5	QPSK	12	0	22.05	22.21	22.10		
5	QPSK	12	7	22.14	22.17	22.12	24	0
5	QPSK	12	13	22.12	22.03	22.14		
5	QPSK	25	0	22.08	22.00	22.03		
5	16QAM	1	0	22.04	22.01	22.04		
5	16QAM	1	12	22.04	22.21	22.07	24	0
5	16QAM	1	24	22.06	22.05	22.09		
5	16QAM	12	0	21.36	21.20	21.29		
5	16QAM	12	7	21.42	21.23	21.04	23	1
5	16QAM	12	13	21.27	21.04	21.02		
5	16QAM	25	0	21.30	21.53	21.08		
5	64QAM	1	0	21.26	21.06	21.14		
5	64QAM	1	12	21.38	21.03	21.27	23	1
5	64QAM	1	24	21.22	21.24	21.35		
5	64QAM	12	0	20.34	20.28	20.44		
5	64QAM	12	7	20.02	20.42	20.20	22	2
5	64QAM	12	13	20.24	20.10	20.17		
5	64QAM	25	0	20.24	20.32	20.21		
5	256QAM	1	0	18.30	18.32	18.15		
5	256QAM	1	12	18.04	18.08	18.11	20	4
5	256QAM	1	24	18.13	18.09	18.27		
5	256QAM	12	0	18.26	18.50	18.02		
5	256QAM	12	7	18.32	18.02	18.15	20	4
5	256QAM	12	13	18.22	18.02	18.27		
5	256QAM	25	0	18.08	18.37	18.36		

Band 25 Ant0 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	20.30	20.38	20.21	21.5	0
20	QPSK	1	49	20.18	20.29	20.22		
20	QPSK	1	99	20.35	20.31	20.14		
20	QPSK	50	0	20.34	20.35	20.29		
20	QPSK	50	24	20.21	20.22	20.08		
20	QPSK	50	50	20.21	20.23	20.17		
20	QPSK	100	0	20.31	20.33	20.09		
20	16QAM	1	0	20.31	20.24	20.16		
20	16QAM	1	49	20.36	20.25	20.29		
20	16QAM	1	99	20.17	20.22	20.18		
20	16QAM	50	0	20.36	20.36	20.25		
20	16QAM	50	24	20.33	20.34	20.15		
20	16QAM	50	50	20.18	20.26	20.28		
20	16QAM	100	0	20.33	20.26	20.18		
20	64QAM	1	0	20.34	20.33	20.15		
20	64QAM	1	49	20.30	20.35	20.19		
20	64QAM	1	99	20.36	20.37	20.24		
20	64QAM	50	0	19.14	18.88	19.35		
20	64QAM	50	24	18.94	19.26	18.89	20	1.5
20	64QAM	50	50	19.11	19.06	19.03		
20	64QAM	100	0	18.99	19.16	19.13		
20	256QAM	1	0	17.13	17.18	16.94		
20	256QAM	1	49	17.16	17.11	16.98	18	3.5
20	256QAM	1	99	16.93	16.80	17.01		
20	256QAM	50	0	17.27	17.26	17.13		
20	256QAM	50	24	17.09	16.93	16.87	18	3.5
20	256QAM	50	50	17.31	17.03	17.14		
20	256QAM	100	0	16.93	17.15	17.00		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.23	20.36	20.23	21.5	0
15	QPSK	1	37	20.19	20.30	20.19		
15	QPSK	1	74	20.32	20.22	20.13		
15	QPSK	36	0	20.31	20.35	20.32		
15	QPSK	36	20	20.15	20.21	20.07		
15	QPSK	36	39	20.16	20.14	20.10		
15	QPSK	75	0	20.27	20.30	20.01		
15	16QAM	1	0	20.23	20.17	20.08		
15	16QAM	1	37	20.37	20.21	20.25	21.5	0
15	16QAM	1	74	20.14	20.22	20.17		
15	16QAM	36	0	20.32	20.30	20.18		
15	16QAM	36	20	20.36	20.32	20.14	21.5	0
15	16QAM	36	39	20.22	20.25	20.19		
15	16QAM	75	0	20.31	20.27	20.14		
15	64QAM	1	0	20.31	20.34	20.06		
15	64QAM	1	37	20.34	20.36	20.20	21.5	0
15	64QAM	1	74	20.34	20.34	20.16		
15	64QAM	36	0	19.25	18.97	19.41		
15	64QAM	36	20	18.91	19.20	18.93	20	1.5
15	64QAM	36	39	19.11	19.27	18.99		
15	64QAM	75	0	19.24	19.28	19.15		
15	256QAM	1	0	17.10	17.38	16.96		
15	256QAM	1	37	17.17	17.08	16.91	18	3.5
15	256QAM	1	74	17.36	17.15	17.40		
15	256QAM	36	0	17.05	17.36	17.05		
15	256QAM	36	20	17.04	16.96	16.86	18	3.5
15	256QAM	36	39	17.34	16.99	17.18		
15	256QAM	75	0	16.81	17.21	17.18		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.30	20.33	20.23	21.5	0
10	QPSK	1	25	20.10	20.22	20.25		
10	QPSK	1	49	20.35	20.24	20.15		
10	QPSK	25	0	20.34	20.34	20.21		
10	QPSK	25	12	20.14	20.23	20.13	21.5	0
10	QPSK	25	25	20.25	20.28	20.20		
10	QPSK	50	0	20.25	20.27	20.06		
10	16QAM	1	0	20.34	20.16	20.21		
10	16QAM	1	25	20.33	20.16	20.28	21.5	0
10	16QAM	1	49	20.18	20.20	20.17		
10	16QAM	25	0	20.28	20.33	20.24		
10	16QAM	25	12	20.32	20.33	20.07	21.5	0
10	16QAM	25	25	20.15	20.20	20.31		
10	16QAM	50	0	20.32	20.23	20.23		
10	64QAM	1	0	20.30	20.30	20.08		
10	64QAM	1	25	20.22	20.35	20.12	21.5	0
10	64QAM	1	49	20.35	20.35	20.25		
10	64QAM	25	0	19.25	18.93	19.35		
10	64QAM	25	12	19.07	19.36	19.04	20	1.5
10	64QAM	25	25	19.11	19.37	19.12		
10	64QAM	50	0	18.79	19.16	19.03		
10	256QAM	1	0	17.16	17.13	16.99		
10	256QAM	1	25	17.07	17.30	16.92	18	3.5
10	256QAM	1	49	16.88	16.81	17.22		
10	256QAM	25	0	17.10	17.29	16.96		
10	256QAM	25	12	17.28	17.07	16.96	18	3.5
10	256QAM	25	25	17.46	17.19	17.37		
10	256QAM	50	0	17.00	17.22	17.04		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.21	20.36	20.24	21.5	0
5	QPSK	1	12	20.12	20.22	20.25		
5	QPSK	1	24	20.35	20.25	20.16		
5	QPSK	12	0	20.34	20.28	20.24		
5	QPSK	12	7	20.24	20.25	20.13	21.5	0
5	QPSK	12	13	20.12	20.22	20.12		
5	QPSK	25	0	20.32	20.37	20.14		
5	16QAM	1	0	20.30	20.27	20.08		
5	16QAM	1	12	20.29	20.28	20.29	21.5	0
5	16QAM	1	24	20.08	20.15	20.18		
5	16QAM	12	0	20.32	20.37	20.26		
5	16QAM	12	7	20.27	20.33	20.13	21.5	0
5	16QAM	12	13	20.12	20.20	20.32		
5	16QAM	25	0	20.25	20.22	20.21		
5	64QAM	1	0	20.30	20.34	20.12		
5	64QAM	1	12	20.24	20.34	20.23	21.5	0
5	64QAM	1	24	20.36	20.34	20.23		
5	64QAM	12	0	19.17	19.14	19.49		
5	64QAM	12	7	19.08	19.41	19.07	20	1.5
5	64QAM	12	13	19.14	19.35	19.05		
5	64QAM	25	0	18.94	19.28	19.11		
5	256QAM	1	0	17.09	17.34	17.09		
5	256QAM	1	12	17.15	17.02	16.91	18	3.5
5	256QAM	1	24	17.40	17.14	17.40		
5	256QAM	12	0	17.13	17.41	16.94		
5	256QAM	12	7	17.15	17.01	16.98	18	3.5
5	256QAM	12	13	17.44	16.97	17.36		
5	256QAM	25	0	16.96	17.19	17.17		
Channel				26065	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.31	20.35	20.21	21.5	0
3	QPSK	1	8	20.22	20.24	20.22		
3	QPSK	1	14	20.27	20.35	20.07		
3	QPSK	8	0	20.27	20.36	20.21		
3	QPSK	8	4	20.18	20.23	20.01	21.5	0
3	QPSK	8	7	20.20	20.23	20.18		
3	QPSK	15	0	20.35	20.28	20.00		
3	16QAM	1	0	20.27	20.20	20.14		
3	16QAM	1	8	20.36	20.28	20.29	21.5	0
3	16QAM	1	14	20.08	20.24	20.14		
3	16QAM	8	0	20.35	20.33	20.20		
3	16QAM	8	4	20.37	20.37	20.09	21.5	0
3	16QAM	8	7	20.23	20.19	20.25		
3	16QAM	15	0	20.31	20.27	20.15		
3	64QAM	1	0	20.32	20.25	20.16		
3	64QAM	1	8	20.35	20.32	20.12	21.5	0
3	64QAM	1	14	20.33	20.32	20.24		
3	64QAM	8	0	19.24	18.96	19.46		
3	64QAM	8	4	19.11	19.28	19.01	20	1.5
3	64QAM	8	7	19.10	19.15	19.13		
3	64QAM	15	0	18.87	19.32	19.04		
3	256QAM	1	0	17.16	17.18	16.99		
3	256QAM	1	8	17.12	17.31	16.97	18	3.5
3	256QAM	1	14	16.94	16.84	17.02		
3	256QAM	8	0	17.28	17.31	17.06		
3	256QAM	8	4	17.17	17.05	16.95	18	3.5
3	256QAM	8	7	17.26	17.06	17.34		
3	256QAM	15	0	16.92	17.24	17.13		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.27	20.36	20.19	21.5	0
1.4	QPSK	1	3	20.19	20.22	20.16		
1.4	QPSK	1	5	20.34	20.33	20.17		
1.4	QPSK	3	0	20.34	20.27	20.29		
1.4	QPSK	3	1	20.19	20.19	20.07		
1.4	QPSK	3	3	20.24	20.21	20.12		
1.4	QPSK	6	0	20.26	20.35	20.03	21.5	0
1.4	16QAM	1	0	20.28	20.17	20.13	21.5	0
1.4	16QAM	1	3	20.37	20.23	20.28		
1.4	16QAM	1	5	20.15	20.15	20.19		
1.4	16QAM	3	0	20.32	20.31	20.27		
1.4	16QAM	3	1	20.25	20.37	20.12		
1.4	16QAM	3	3	20.21	20.26	20.26		
1.4	16QAM	6	0	20.29	20.29	20.13	21.5	0
1.4	64QAM	1	0	20.28	20.34	20.11	21.5	0
1.4	64QAM	1	3	20.26	20.36	20.19		
1.4	64QAM	1	5	20.37	20.34	20.17		
1.4	64QAM	3	0	20.15	20.35	19.90		
1.4	64QAM	3	1	20.09	20.19	20.21		
1.4	64QAM	3	3	20.35	20.17	20.04		
1.4	64QAM	6	0	18.88	19.27	19.05	20	1.5
1.4	256QAM	1	0	17.23	17.47	17.06	18	3.5
1.4	256QAM	1	3	17.30	17.09	17.01		
1.4	256QAM	1	5	17.37	17.09	17.32		
1.4	256QAM	3	0	17.12	17.32	17.09		
1.4	256QAM	3	1	17.28	17.07	17.03		
1.4	256QAM	3	3	17.30	17.05	17.42		
1.4	256QAM	6	0	17.00	17.23	17.18	18	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.28	22.39	22.16	24	0
15	QPSK	1	37	22.26	22.24	22.14		
15	QPSK	1	74	22.11	22.14	22.13		
15	QPSK	36	0	22.12	22.26	22.18		
15	QPSK	36	20	22.18	22.17	22.21		
15	QPSK	36	39	22.25	22.19	22.25		
15	QPSK	75	0	22.15	22.18	22.11		
15	16QAM	1	0	22.16	22.27	22.24		
15	16QAM	1	37	22.21	22.16	22.19	24	0
15	16QAM	1	74	22.24	22.23	22.34		
15	16QAM	36	0	22.17	22.11	22.16		
15	16QAM	36	20	22.33	22.32	22.25	23	1
15	16QAM	36	39	22.31	22.15	22.13		
15	16QAM	75	0	22.23	22.25	22.26		
15	64QAM	1	0	22.25	22.14	22.19		
15	64QAM	1	37	22.26	22.22	22.27	23	1
15	64QAM	1	74	22.20	22.23	22.19		
15	64QAM	36	0	20.48	20.01	20.27		
15	64QAM	36	20	20.07	20.21	20.02	22	2
15	64QAM	36	39	20.27	20.14	20.20		
15	64QAM	75	0	20.01	20.47	20.41		
15	256QAM	1	0	18.29	18.17	18.24		
15	256QAM	1	37	18.12	18.24	18.13	20	4
15	256QAM	1	74	18.24	18.06	18.30		
15	256QAM	36	0	18.29	18.40	18.10		
15	256QAM	36	20	18.33	18.17	18.18	20	4
15	256QAM	36	39	18.24	18.05	18.40		
15	256QAM	75	0	18.03	18.33	18.20		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.27	22.23	22.19	24	0
10	QPSK	1	25	22.30	22.28	22.19		
10	QPSK	1	49	22.21	22.29	22.12		
10	QPSK	25	0	22.33	22.34	22.17		
10	QPSK	25	12	22.19	22.20	22.26	24	0
10	QPSK	25	25	22.21	22.23	22.20		
10	QPSK	50	0	22.35	22.13	22.35		
10	16QAM	1	0	22.19	22.27	22.12		
10	16QAM	1	25	22.34	22.11	22.29	24	0
10	16QAM	1	49	22.25	22.11	22.21		
10	16QAM	25	0	22.27	22.14	22.24		
10	16QAM	25	12	22.14	22.24	22.35	23	1
10	16QAM	25	25	22.14	22.31	22.22		
10	16QAM	50	0	22.27	22.33	22.30		
10	64QAM	1	0	22.17	22.26	22.28		
10	64QAM	1	25	22.25	22.34	22.14	23	1
10	64QAM	1	49	22.29	22.26	22.29		
10	64QAM	25	0	20.54	20.20	20.53		
10	64QAM	25	12	20.11	20.21	20.09	22	2
10	64QAM	25	25	20.20	20.24	20.11		
10	64QAM	50	0	20.19	20.45	20.41		
10	256QAM	1	0	18.30	18.07	18.10		
10	256QAM	1	25	18.09	18.04	18.05	20	4
10	256QAM	1	49	18.39	18.16	18.18		
10	256QAM	25	0	18.31	18.07	18.05		
10	256QAM	25	12	18.27	18.05	18.02	20	4
10	256QAM	25	25	18.39	18.24	18.20		
10	256QAM	50	0	18.03	18.24	18.33		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.20	22.20	22.11	24	0
5	QPSK	1	12	22.12	22.29	22.29		
5	QPSK	1	24	22.28	22.19	22.20		
5	QPSK	12	0	22.25	22.34	22.26		
5	QPSK	12	7	22.16	22.12	22.30	24	0
5	QPSK	12	13	22.31	22.26	22.31		
5	QPSK	25	0	22.15	22.21	22.31		
5	16QAM	1	0	22.25	22.29	22.24		
5	16QAM	1	12	22.32	22.11	22.22	24	0
5	16QAM	1	24	22.33	22.14	22.28		
5	16QAM	12	0	22.13	22.17	22.21		
5	16QAM	12	7	22.24	22.21	22.17	23	1
5	16QAM	12	13	22.30	22.18	22.29		
5	16QAM	25	0	22.14	22.12	22.19		
5	64QAM	1	0	22.17	22.13	22.25		
5	64QAM	1	12	22.16	22.29	22.30	23	1
5	64QAM	1	24	22.15	22.34	22.25		
5	64QAM	12	0	20.28	20.17	20.28		
5	64QAM	12	7	20.01	20.41	20.01	22	2
5	64QAM	12	13	20.28	20.24	20.15		
5	64QAM	25	0	20.16	20.37	20.30		
5	256QAM	1	0	18.23	18.08	18.06		
5	256QAM	1	12	18.07	18.06	18.17	20	4
5	256QAM	1	24	18.26	18.07	18.18		
5	256QAM	12	0	18.36	18.38	18.13		
5	256QAM	12	7	18.27	18.14	18.13	20	4
5	256QAM	12	13	18.16	18.07	18.32		
5	256QAM	25	0	18.10	18.17	18.13		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.27	22.26	22.24	24	0
3	QPSK	1	8	22.25	22.22	22.30		
3	QPSK	1	14	22.35	22.18	22.26		
3	QPSK	8	0	22.12	22.30	22.26		
3	QPSK	8	4	22.14	22.18	22.26	24	0
3	QPSK	8	7	22.20	22.14	22.16		
3	QPSK	15	0	22.19	22.13	22.31		
3	16QAM	1	0	22.20	22.28	22.27		
3	16QAM	1	8	22.16	22.18	22.11	24	0
3	16QAM	1	14	22.22	22.29	22.12		
3	16QAM	8	0	22.18	22.17	22.30		
3	16QAM	8	4	22.32	22.28	22.13	23	1
3	16QAM	8	7	22.15	22.17	22.28		
3	16QAM	15	0	22.12	22.22	22.13		
3	64QAM	1	0	22.12	22.30	22.24		
3	64QAM	1	8	22.28	22.31	22.22	23	1
3	64QAM	1	14	22.32	22.11	22.29		
3	64QAM	8	0	20.18	20.12	20.36		
3	64QAM	8	4	20.16	20.02	20.16	22	2
3	64QAM	8	7	20.21	20.10	20.24		
3	64QAM	15	0	20.10	20.30	20.24		
3	256QAM	1	0	18.44	18.02	18.15		
3	256QAM	1	8	18.18	18.05	18.17	20	4
3	256QAM	1	14	18.21	18.06	18.26		
3	256QAM	8	0	18.39	18.01	18.03		
3	256QAM	8	4	18.39	18.01	18.03	20	4
3	256QAM	8	7	18.21	18.03	18.34		
3	256QAM	15	0	18.04	18.37	18.18		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.28	22.26	24	0
1.4	QPSK	1	3	22.01	22.06	22.25		
1.4	QPSK	1	5	22.16	22.00	22.01		
1.4	QPSK	3	0	22.07	22.23	22.11		
1.4	QPSK	3	1	22.07	22.05	22.13		
1.4	QPSK	3	3	22.17	22.25	22.06		
1.4	QPSK	6	0	22.01	22.17	22.06	24	0
1.4	16QAM	1	0	22.04	22.21	22.07	24	0
1.4	16QAM	1	3	22.00	22.08	22.19		
1.4	16QAM	1	5	22.20	22.28	22.04		
1.4	16QAM	3	0	22.05	22.10	22.13		
1.4	16QAM	3	1	22.01	22.07	22.27		
1.4	16QAM	3	3	22.09	22.07	22.25		
1.4	16QAM	6	0	21.29	21.31	21.03	23	1
1.4	64QAM	1	0	21.09	21.20	21.17	23	1
1.4	64QAM	1	3	21.30	21.28	21.31		
1.4	64QAM	1	5	21.06	21.11	21.23		
1.4	64QAM	3	0	21.43	21.07	21.06		
1.4	64QAM	3	1	21.00	21.05	21.00		
1.4	64QAM	3	3	21.30	21.24	21.17		
1.4	64QAM	6	0	20.31	20.25	20.31	22	2
1.4	256QAM	1	0	18.30	18.03	18.17	20	4
1.4	256QAM	1	3	18.01	18.27	18.17		
1.4	256QAM	1	5	18.25	18.16	18.00		
1.4	256QAM	3	0	18.11	18.31	18.01		
1.4	256QAM	3	1	18.08	18.22	18.23		
1.4	256QAM	3	3	18.02	18.13	18.27		
1.4	256QAM	6	0	18.06	18.24	18.16	20	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.24	18.35	18.21	19.1	0
20	QPSK	1	49	18.26	18.34	18.21		
20	QPSK	1	99	18.20	18.27	18.21		
20	QPSK	50	0	18.27	18.35	18.13		
20	QPSK	50	24	18.19	18.32	18.21		
20	QPSK	50	50	18.24	18.30	18.15		
20	QPSK	100	0	18.16	18.34	18.18		
20	16QAM	1	0	18.21	18.34	18.15		
20	16QAM	1	49	18.17	18.32	18.20		
20	16QAM	1	99	18.16	18.30	18.25		
20	16QAM	50	0	18.17	18.32	18.16		
20	16QAM	50	24	18.23	18.33	18.17		
20	16QAM	50	50	18.18	18.33	18.22		
20	16QAM	100	0	18.27	18.33	18.24		
20	64QAM	1	0	18.21	18.33	18.24		
20	64QAM	1	49	18.28	18.29	18.14		
20	64QAM	1	99	18.26	18.34	18.22		
20	64QAM	50	0	18.25	18.32	18.17		
20	64QAM	50	24	18.23	18.32	18.18		
20	64QAM	50	50	18.28	18.34	18.16		
20	64QAM	100	0	18.28	18.29	18.25		
20	256QAM	1	0	17.37	17.22	17.20		
20	256QAM	1	49	17.26	17.17	17.06		
20	256QAM	1	99	17.16	17.00	17.19		
20	256QAM	50	0	17.30	17.33	17.05		
20	256QAM	50	24	17.32	17.28	17.08		
20	256QAM	50	50	17.52	17.22	17.48		
20	256QAM	100	0	17.14	17.29	17.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.19	18.34	18.20	19.1	0
15	QPSK	1	37	18.28	18.33	18.15		
15	QPSK	1	74	18.13	18.28	18.14		
15	QPSK	36	0	18.24	18.28	18.12		
15	QPSK	36	20	18.21	18.28	18.23		
15	QPSK	36	39	18.20	18.22	18.13		
15	QPSK	75	0	18.15	18.33	18.19		
15	16QAM	1	0	18.15	18.31	18.08		
15	16QAM	1	37	18.09	18.30	18.17		
15	16QAM	1	74	18.15	18.32	18.20		
15	16QAM	36	0	18.13	18.28	18.15		
15	16QAM	36	20	18.22	18.30	18.08		
15	16QAM	36	39	18.23	18.29	18.17		
15	16QAM	75	0	18.29	18.31	18.25		
15	64QAM	1	0	18.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	18.69	18.86	18.79	20.3	0
20	QPSK	1	49	18.69	18.67	18.80		
20	QPSK	1	99	18.51	18.74	18.81		
20	QPSK	50	0	18.48	18.75	18.71		
20	QPSK	50	24	18.57	18.82	18.80		
20	QPSK	50	50	18.54	18.78	18.64		
20	QPSK	100	0	18.49	18.81	18.69		
20	16QAM	1	0	18.49	18.67	18.58		
20	16QAM	1	49	18.52	18.65	18.68		
20	16QAM	1	99	18.68	18.76	18.72		
20	16QAM	50	0	18.70	18.81	18.80		
20	16QAM	50	24	18.63	18.82	18.71		
20	16QAM	50	50	18.55	18.85	18.60		
20	16QAM	100	0	18.53	18.83	18.60		
20	64QAM	1	0	18.53	18.70	18.68		
20	64QAM	1	49	18.58	18.71	18.63		
20	64QAM	1	99	18.61	18.81	18.72		
20	64QAM	50	0	18.48	18.83	18.58		
20	64QAM	50	24	18.55	18.73	18.61		
20	64QAM	50	50	18.67	18.78	18.76		
20	64QAM	100	0	18.52	18.80	18.81		
20	256QAM	1	0	18.54	18.69	18.76		
20	256QAM	1	49	18.48	18.73	18.73		
20	256QAM	1	99	18.55	18.81	18.76		
20	256QAM	50	0	18.60	18.70	18.70		
20	256QAM	50	24	18.53	18.69	18.70		
20	256QAM	50	50	18.68	18.76	18.63		
20	256QAM	100	0	18.56	18.82	18.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	18.71	18.83	18.79	20.3	0
15	QPSK	1	37	18.58	18.62	18.75		
15	QPSK	1	74	18.52	18.83	18.84		
15	QPSK	36	0	18.47	18.75	18.76		
15	QPSK	36	20	18.65	18.77	18.76		
15	QPSK	36	39	18.63	18.83	18.54		
15	QPSK	75	0	18.39	18.83	18.75		
15	16QAM	1	0	18.39	18.77	18.67		
15	16QAM	1	37	18.43	18.75	18.68		
15	16QAM	1	74	18.68	18.65	18.78		
15	16QAM	36	0	18.75	18.74	18.74		
15	16QAM	36	20	18.57	18.68	18.74		
15	16QAM	36	39	18.46	18.75	18.51		
15	16QAM	75	0	18.55	18.76	18.54		
15	64QAM	1	0	18.57	18.76	18.56		
15	64QAM	1	37	18.63	18.60	18.56		
15	64QAM	1	74	18.70	18.80	18.72		
15	64QAM	36	0	18.57	18.70	18.63		
15	64QAM	36	20	18.56	18.71	18.62		
15	64QAM	36	39	18.73	18.81	18.62		
15	64QAM	75	0	18.48	18.82	18.67		
15	256QAM	1	0	18.63	18.67	18.74		
15	256QAM	1	37	18.51	18.76	18.62		
15	256QAM	1	74	18.52	18.85	18.71		
15	256QAM	36	0	18.48	18.75	18.67		
15	256QAM	36	20	18.49	18.66	18.69		
15	256QAM	36	39	18.75	18.70	18.70		
15	256QAM	75	0	18.56	18.79	18.60		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2616		
10	QPSK	1	0	18.67	18.84	18.76	20.3	0
10	QPSK	1	25	18.70	18.68	18.77		
10	QPSK	1	49	18.47	18.73	18.76		
10	QPSK	25	0	18.47	18.72	18.71		
10	QPSK	25	12	18.55	18.79	18.80		
10	QPSK	25	25	18.53	18.74	18.65		
10	QPSK	50	0	18.47	18.76	18.69		
10	16QAM	1	0	18.47	18.68	18.59		
10	16QAM	1	25	18.51	18.64	18.68		
10	16QAM	1	49	18.69	18.76	18.71		
10	16QAM	25	0	18.68	18.79	18.77		
10	16QAM	25	12	18.58	18.82	18.70		
10	16QAM	25	25	18.53	18.81	18.57		
10	16QAM	50	0	18.51	18.81	18.59		
10	64QAM	1	0	18.51	18.66	18.66		
10	64QAM	1	25	18.53	18.70	18.64		
10	64QAM	1	49	18.62	18.81	18.70		
10	64QAM	25	0	18.47	18.81	18.55		
10	64QAM	25	12	18.54	18.73	18.57		
10	64QAM	25	25	18.68	18.78	18.74		
10	64QAM	50	0	18.49	18.77	18.79		
10	256QAM	1	0	18.50	18.66	18.74		
10	256QAM	1	25	18.47	18.69	18.73		
10	256QAM	1	49	18.55	18.81	18.75		
10	256QAM	25	0	18.56	18.67	18.68		
10	256QAM	25	12	18.53	18.68	18.69		
10	256QAM	25	25	18.63	18.75	18.59		
10	256QAM	50	0	18.54	18.82	18.68		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	18.66	18.84	18.76	20.3	0
5	QPSK	1	12	18.66	18.68	18.77		
5	QPSK	1	24	18.51	18.70	18.77		
5	QPSK	12	0	18.50	18.73	18.69		
5	QPSK	12	7	18.59	18.83	18.78		
5	QPSK	12	13	18.56	18.75	18.66		
5	QPSK	25	0	18.48	18.79	18.70		
5	16QAM	1	0	18.49	18.68	18.58		
5	16QAM	1	12	18.54	18.67	18.66		
5	16QAM	1	24	18.66	18.74	18.71		
5	16QAM	12	0	18.72	18.83	18.79		
5	16QAM	12	7	18.64	18.82	18.71		
5	16QAM	12	13	18.51	18.85	18.60		
5	16QAM	25	0	18.52	18.83	18.62		
5	64QAM	1	0	18.49	18.72	18.69		
5	64QAM	1	12	18.60	18.73	18.61		
5	64QAM	1	24	18.59	18.79	18.72		
5	64QAM	12	0	18.45	18.82	18.56		
5	64QAM	12	7	18.52	18.72	18.67		
5	64QAM	12	13	18.67	18.78	18.76		
5	64QAM	25	0	18.53	18.81	18.77		
5	256QAM	1	0	18.56	18.69	18.73		
5	256QAM	1	12	18.45	18.74	18.73		
5	256QAM	1	24	18.52	18.80	18.75		
5	256QAM	12	0	18.61	18.68	18.71		
5	256QAM	12	7	18.54	18.70	18.71		
5	256QAM	12	13	18.67	18.73	18.60		
5	256QAM	25	0	18.58	18.80	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	18.66	18.81	18.87	18.80	18.72	20.3	0
20	QPSK	1	49	18.48	18.73	18.79	18.65	18.56		
20	QPSK	1	99	18.59	18.81	18.80	18.61	18.55		
20	QPSK	50	0	18.52	18.77	18.86	18.67	18.57		
20	QPSK	50	24	18.59	18.76	18.70	18.74	18.55		
20	QPSK	50	50	18.60	18.74	18.74	18.62	18.61		
20	QPSK	100	0	18.64	18.78	18.81	18.61	18.71		
20	16QAM	1	0	18.47	18.71	18.78	18.62	18.70		
20	16QAM	1	49	18.45	18.77	18.76	18.78	18.56		
20	16QAM	1	99	18.59	18.59	18.78	18.60	18.63		
20	16QAM	50	0	18.55	18.76	18.79	18.69	18.60		
20	16QAM	50	24	18.57	18.63	18.65	18.73	18.69		
20	16QAM	50	50	18.50	18.61	18.68	18.75	18.70		
20	16QAM	100	0	18.60	18.64	18.72	18.65	18.65		
20	64QAM	1	0	18.48	18.81	18.67	18.63	18.67		
20	64QAM	1	49	18.57	18.66	18.72	18.82	18.73		
20	64QAM	1	99	18.60	18.62	18.84	18.63	18.63		
20	64QAM	50	0	18.64	18.65	18.78	18.82	18.61		
20	64QAM	50	24	18.47	18.74	18.69	18.59	18.74		
20	64QAM	50	50	18.62	18.83	18.66	18.70	18.58		
20	64QAM	100	0	18.44	18.62	18.71	18.74	18.68		
20	256QAM	1	0	18.47	18.77	18.68	18.80	18.61		
20	256QAM	1	49	18.66	18.79	18.68	18.65	18.57		
20	256QAM	1	99	18.56	18.82	18.75	18.69	18.52		
20	256QAM	50	0	18.54	18.81	18.82	18.64	18.65		
20	256QAM	50	24	18.48	18.63	18.81	18.78	18.70		
20	256QAM	50	50	18.66	18.75	18.84	18.69	18.74		
20	256QAM	100	0	18.46	18.80	18.73	18.63	18.57		
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	18.62	18.82	18.81	18.83	18.73	20	0
15	QPSK	1	37	18.46	18.68	18.74	18.60	18.55		
15	QPSK	1	74	18.55	18.79	18.73	18.54	18.56		
15	QPSK	36	0	18.55	18.72	18.86	18.61	18.55		
15	QPSK	36	20	18.58	18.68	18.63	18.71	18.58		
15	QPSK	36	39	18.62	18.69	18.70	18.63	18.60		
15	QPSK	75	0	18.64	18.77	18.82	18.59	18.73		
15	16QAM	1	0	18.43	18.73	18.73	18.60	18.67		
15	16QAM	1	37	18.43	18.76	18.77	18.72	18.53		
15	16QAM	1	74	18.60	18.59	18.73	18.58	18.56		
15	16QAM	36	0	18.50	18.76	18.79	18.70	18.56		
15	16QAM	36	20	18.59	18.64	18.67	18.67	18.63		
15	16QAM	36	39	18.50	18.62	18.70	18.77	18.66		
15	16QAM	75	0	18.56	18.65	18.65	18.60	18.59		
15	64QAM	1	0	18.46	18.78	18.65	18.57	18.61		
15	64QAM	1	37	18.55	18.60	18.66	18.78	18.70		
15	64QAM	1	74	18.57	18.56	18.85	18.58	18.65		
15	64QAM	36	0	18.61	18.67	18.74	18.82	18.54		
15	64QAM	36	20	18.42	18.73	18.70	18.61	18.75		
15	64QAM	36	39	18.56	18.76	18.80	18.73	18.57		
15	64QAM	75	0	18.38	18.58	18.70	18.69	18.64		
15	256QAM	1	0	18.45	18.75	18.67	18.77	18.55		
15	256QAM	1	37	18.69	18.75	18.64	18.66	18.57		
15	256QAM	1	74	18.58	18.85	18.70	18.68	18.52		
15	256QAM	36	0	18.51	18.76	18.75	18.59	18.60		
15	256QAM	36	20	18.46	18.61	18.80	18.72	18.69		
15	256QAM	36	39	18.69	18.76	18.86	18.69	18.72		
15	256QAM	75	0	18.48	18.77	18.74	18.61	18.55		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.69	18.76	18.85	18.77	18.70	20	0
10	QPSK	1	25	18.44	18.75	18.82	18.59	18.52		
10	QPSK	1	49	18.55	18.80	18.78	18.58	18.54		
10	QPSK	25	0	18.50	18.75	18.82	18.62	18.56		
10	QPSK	25	12	18.62	18.61	18.64	18.70	18.55		
10	QPSK	25	25	18.58	18.76	18.73	18.57	18.60		
10	QPSK	50	0	18.64	18.76	18.76	18.60	18.66		
10	16QAM	1	0	18.44	18.69	18.79	18.63	18.68		
10	16QAM	1	25	18.39	18.73	18.79	18.75	18.56		
10	16QAM	1	49	18.56	18.60	18.77	18.59	18.61		
10	16QAM	25	0	18.53	18.76	18.76	18.67	18.60		
10	16QAM	25	12	18.51	18.64	18.58	18.72	18.72		
10	16QAM	25	25	18.45	18.58	18.61	18.69	18.64		
10	16QAM	50	0	18.63	18.59	18.65	18.61	18.67		
10	64QAM	1	0	18.43	18.83	18.64	18.65	18.65		
10	64QAM	1	25	18.60	18.68	18.72	18.79	18.74		
10	64QAM	1	49	18.62	18.61	18.83	18.62	18.63		
10	64QAM	25	0	18.64	18.63	18.75	18.78	18.56		
10	64QAM	25	12	18.47	18.74	18.64	18.62	18.73		
10	64QAM	25	25	18.57	18.83	18.85	18.72	18.61		
10	64QAM	50	0	18.47	18.59	18.67	18.69	18.69		
10	256QAM	1	0	18.48	18.74	18.63	18.80	18.55		
10	256QAM	1	25	18.68	18.73	18.71	18.65	18.54		
10	256QAM	1	49	18.56	18.84	18.72	18.67	18.54		
10	256QAM	25	0	18.51	18.77	18.84	18.67	18.59		
10	256QAM	25	12	18.47	18.58	18.75	18.80	18.72		
10	256QAM	25	25	18.60	18.68	18.79	18.64	18.72		
10	256QAM	50	0	18.47	18.79	18.75	18.61	18.53		
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	18.68	18.81	18.86	18.82	18.71	20	0
5	QPSK	1	12	18.49	18.70	18.75	18.63	18.52		
5	QPSK	1	24	18.53	18.79	18.75	18.57	18.53		
5	QPSK	12	0	18.53	18.79	18.85	18.68	18.56		
5	QPSK	12	7	18.59	18.67	18.63	18.71	18.50		
5	QPSK	12	13	18.57	18.76	18.68	18.56	18.56		
5	QPSK	25	0	18.63	18.77	18.79	18.59	18.65		
5	16QAM	1	0	18.45	18.73	18.71	18.63	18.68		
5	16QAM	1	12	18.47	18.79	18.70	18.79	18.56		
5	16QAM	1	24	18.56	18.61	18.73	18.59	18.62		
5	16QAM	12	0	18.51	18.75	18.79	18.65	18.62		
5	16QAM	12	7	18.56	18.65	18.66	18.74	18.69		
5	16QAM	12	13	18.52	18.56	18.67	18.77	18.68		
5	16QAM	25	0	18.63	18.64	18.71	18.68	18.67		
5	64QAM	1	0	18.46	18.77	18.65	18.60	18.67		
5	64QAM	1	12	18.59	18.68	18.65	18.85	18.68		
5	64QAM	1	24	18.62	18.59	18.80	18.61	18.64		
5	64QAM	12	0	18.65	18.65	18.76	18.83	18.54		
5	64QAM	12	7	18.49	18.70	18.61	18.67	18.67		
5	64QAM	12	13	18.56	18.85	18.82	18.70	18.56		
5	64QAM	25	0	18.45	18.60	18.65	18.68	18.69		
5	256QAM	1	0	18.41	18.74	18.68	18.80	18.61		
5	256QAM	1	12	18.62	18.72	18.63	18.65	18.52		
5	256QAM	1	24	18.51	18.77	18.76	18.67	18.53		
5	256QAM	12	0	18.52	18.81	18.84	18.64	18.60		
5	256QAM	12	7	18.44	18.59	18.83	18.71	18.72		
5	256QAM	12	13	18.64	18.71	18.81	18.71	18.69		
5	256QAM	25	0	18.42	18.78	18.73	18.64	18.52		

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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	20.22	20.53	20.58	20.47	20.39	21.9	0
20	QPSK	1	49	20.12	20.43	20.53	20.46	20.37		
20	QPSK	1	99	20.28	20.52	20.47	20.38	20.40		
20	QPSK	50	0	20.18	20.53	20.54	20.47	20.34		
20	QPSK	50	24	20.27	20.52	20.51	20.34	20.28		
20	QPSK	50	50	20.10	20.38	20.48	20.36	20.27		
20	QPSK	100	0	20.28	20.51	20.52	20.51	20.44		
20	16QAM	1	0	20.08	20.51	20.44	20.53	20.41		
20	16QAM	1	49	20.07	20.43	20.46	20.36	20.27		
20	16QAM	1	99	20.20	20.49	20.41	20.35	20.25		
20	16QAM	50	0	20.28	20.38	20.41	20.44	20.39		
20	16QAM	50	24	20.26	20.55	20.54	20.40	20.45		
20	16QAM	50	50	20.26	20.57	20.47	20.50	20.47		
20	16QAM	100	0	20.10	20.52	20.48	20.46	20.36		
20	64QAM	1	0	20.12	20.49	20.40	20.42	20.45		
20	64QAM	1	49	20.14	20.38	20.57	20.48	20.27		
20	64QAM	1	99	20.30	20.57	20.48	20.35	20.28		
20	64QAM	50	0	20.07	20.57	20.51	20.49	20.46		
20	64QAM	50	24	20.22	20.40	20.54	20.49	20.47		
20	64QAM	50	50	20.20	20.37	20.57	20.49	20.32		
20	64QAM	100	0	20.29	20.46	20.47	20.39	20.46		
20	256QAM	1	0	20.25	20.49	20.49	20.52	20.25		
20	256QAM	1	49	20.11	20.38	20.54	20.41	20.33		
20	256QAM	1	99	20.24	20.47	20.54	20.54	20.26		
20	256QAM	50	0	20.22	20.39	20.54	20.50	20.27		
20	256QAM	50	24	20.24	20.54	20.41	20.54	20.37		
20	256QAM	50	50	20.14	20.38	20.54	20.49	20.37		
20	256QAM	100	0	20.12	20.37	20.47	20.34	20.24		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.24	20.48	20.54	20.43	20.43	22	0
15	QPSK	1	37	20.15	20.46	20.53	20.45	20.37		
15	QPSK	1	74	20.28	20.52	20.43	20.38	20.40		
15	QPSK	36	0	20.15	20.49	20.51	20.49	20.29		
15	QPSK	36	20	20.29	20.54	20.52	20.36	20.29		
15	QPSK	36	39	20.09	20.40	20.50	20.35	20.21		
15	QPSK	75	0	20.25	20.48	20.48	20.51	20.40		
15	16QAM	1	0	20.11	20.51	20.40	20.53	20.45		
15	16QAM	1	37	20.04	20.47	20.46	20.35	20.24		
15	16QAM	1	74	20.24	20.49	20.36	20.31	20.21		
15	16QAM	36	0	20.28	20.34	20.45	20.40	20.39		
15	16QAM	36	20	20.27	20.55	20.53	20.34	20.43		
15	16QAM	36	39	20.24	20.51	20.51	20.50	20.47		
15	16QAM	75	0	20.04	20.55	20.47	20.48	20.31		
15	64QAM	1	0	20.06	20.51	20.37	20.40	20.48		
15	64QAM	1	37	20.11	20.35	20.57	20.44	20.27		
15	64QAM	1	74	20.34	20.49	20.52	20.38	20.28		
15	64QAM	36	0	20.09	20.57	20.49	20.46	20.40		
15	64QAM	36	20	20.18	20.39	20.56	20.51	20.49		
15	64QAM	36	39	20.23	20.40	20.53	20.44	20.27		
15	64QAM	75	0	20.30	20.46	20.51	20.36	20.46		
15	256QAM	1	0	20.21	20.44	20.53	20.52	20.20		
15	256QAM	1	37	20.14	20.39	20.52	20.42	20.28		
15	256QAM	1	74	20.18	20.51	20.52	20.50	20.29		
15	256QAM	36	0	20.18	20.34	20.50	20.46	20.26		
15	256QAM	36	20	20.19	20.54	20.38	20.50	20.32		
15	256QAM	36	39	20.12	20.44	20.55	20.52	20.35		
15	256QAM	75	0	20.10	20.35	20.50	20.32	20.25		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.23	20.52	20.57	20.47	20.40	22	0
10	QPSK	1	25	20.11	20.43	20.56	20.48	20.40		
10	QPSK	1	49	20.29	20.51	20.47	20.33	20.36		
10	QPSK	25	0	20.16	20.57	20.50	20.43	20.36		
10	QPSK	25	12	20.22	20.55	20.46	20.29	20.23		
10	QPSK	25	25	20.12	20.36	20.42	20.35	20.29		
10	QPSK	50	0	20.30	20.48	20.55	20.49	20.41		
10	16QAM	1	0	20.05	20.49	20.42	20.49	20.37		
10	16QAM	1	25	20.10	20.44	20.48	20.36	20.22		
10	16QAM	1	49	20.18	20.44	20.36	20.37	20.22		
10	16QAM	25	0	20.30	20.36	20.38	20.47	20.40		
10	16QAM	25	12	20.27	20.50	20.55	20.37	20.45		
10	16QAM	25	25	20.23	20.52	20.42	20.51	20.48		
10	16QAM	50	0	20.13	20.55	20.43	20.45	20.32		
10	64QAM	1	0	20.12	20.47	20.42	20.44	20.47		
10	64QAM	1	25	20.16	20.35	20.53	20.50	20.29		
10	64QAM	1	49	20.34	20.51	20.42	20.37	20.25		
10	64QAM	25	0	20.11	20.51	20.47	20.44	20.44		
10	64QAM	25	12	20.22	20.44	20.52	20.43	20.46		
10	64QAM	25	25	20.23	20.31	20.56	20.49	20.33		
10	64QAM	50	0	20.33	20.44	20.42	20.40	20.45		
10	256QAM	1	0	20.27	20.45	20.43	20.42	20.26		
10	256QAM	1	25	20.14	20.40	20.49	20.43	20.27		
10	256QAM	1	49	20.27	20.51	20.56	20.56	20.27		
10	256QAM	25	0	20.21	20.34	20.52	20.46	20.24		
10	256QAM	25	12	20.21	20.56	20.40	20.57	20.39

GSM850 Ant1 DSI9

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	29.38	29.46	29.33	29.80	20.38	20.46	20.33	20.80
GPRS 1 Tx slot	29.41	29.51	29.39	29.80	20.41	20.51	20.39	20.80
GPRS 2 Tx slots	26.70	26.77	26.65	26.80	20.70	20.77	20.65	20.80
GPRS 3 Tx slots	24.11	24.17	24.10	25.30	19.85	19.91	19.84	21.04
GPRS 4 Tx slots	23.04	23.18	23.06	23.30	20.04	20.18	20.06	20.30
EDGE 1 Tx slot	25.21	25.34	25.33	26.00	16.21	16.34	16.33	17.00
EDGE 2 Tx slots	23.59	23.68	23.62	24.50	17.59	17.68	17.62	18.50
EDGE 3 Tx slots	22.40	22.47	22.37	23.50	18.14	18.21	18.11	19.24
EDGE 4 Tx slots	20.19	20.34	20.24	21.00	17.19	17.34	17.24	18.00

GSM1900 Ant1 DSI9

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	19.38	19.42	19.33	21.30	10.38	10.42	10.33	12.30
GPRS 1 Tx slot	19.41	19.45	19.39	21.30	10.41	10.45	10.39	12.30
GPRS 2 Tx slots	16.76	16.85	16.77	18.30	10.76	10.85	10.77	12.30
GPRS 3 Tx slots	15.00	15.06	15.03	16.80	10.74	10.80	10.77	12.54
GPRS 4 Tx slots	13.85	13.91	13.79	14.80	10.85	10.91	10.79	11.80
EDGE 1 Tx slot	20.45	20.58	20.49	21.50	11.45	11.58	11.49	12.50
EDGE 2 Tx slots	17.34	17.47	17.39	18.50	11.34	11.47	11.39	12.50
EDGE 3 Tx slots	15.79	15.90	15.80	16.50	11.53	11.64	11.54	12.24
EDGE 4 Tx slots	15.01	15.05	15.00	15.50	12.01	12.05	12.00	12.50

		WCDMA II Ant1 DSI9				WCDMA IV Ant1 DSI9				WCDMA V Ant1 DSI9			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	10.26	10.28	10.30	12.40	11.99	12.01	11.89	13.60	19.18	19.27	19.21	20.20
3GPP Rel 99	RMC 12.2Kbps	10.46	10.47	10.42	12.40	11.87	12.03	11.88	13.60	19.27	19.28	19.19	20.20
3GPP Rel 6	HSDPA Subtest-1	9.22	9.31	9.20	11.40	11.14	11.31	11.09	12.60	18.46	18.54	18.23	19.20
3GPP Rel 6	HSDPA Subtest-2	9.29	9.49	9.25	11.40	11.38	11.46	11.35	12.60	18.14	18.46	18.43	19.20
3GPP Rel 6	HSDPA Subtest-3	8.96	8.97	8.85	10.90	10.83	10.83	10.74	12.10	18.11	17.86	17.78	18.70
3GPP Rel 6	HSDPA Subtest-4	8.83	8.95	8.73	10.90	10.85	10.63	10.66	12.10	17.68	17.93	17.75	18.70
3GPP Rel 8	DC-HSDPA Subtest-1	9.30	9.44	9.18	11.40	11.19	11.48	11.06	12.60	18.38	18.50	18.22	19.20
3GPP Rel 8	DC-HSDPA Subtest-2	9.33	9.53	9.41	11.40	11.39	11.46	11.25	12.60	18.33	18.60	18.30	19.20
3GPP Rel 8	DC-HSDPA Subtest-3	8.63	8.90	8.84	10.90	10.48	10.82	10.87	12.10	17.79	17.86	17.81	18.70
3GPP Rel 8	DC-HSDPA Subtest-4	8.94	8.73	8.77	10.90	10.82	10.70	10.65	12.10	17.74	17.97	17.75	18.70
3GPP Rel 6	HSUPA Subtest-1	9.26	9.38	9.26	11.40	11.32	11.22	11.35	12.60	18.25	18.29	18.33	19.20
3GPP Rel 6	HSUPA Subtest-2	7.26	7.40	7.39	9.40	9.43	9.18	9.46	10.60	16.34	16.34	16.57	17.20
3GPP Rel 6	HSUPA Subtest-3	8.43	8.37	8.21	10.40	10.43	10.41	10.20	11.60	17.38	17.24	17.36	18.20
3GPP Rel 6	HSUPA Subtest-4	7.38	7.37	7.24	9.40	9.28	9.38	9.20	10.60	16.42	16.45	16.17	17.20
3GPP Rel 6	HSUPA Subtest-5	9.22	9.32	9.24	11.40	11.09	11.45	11.08	12.60	18.24	18.41	18.18	19.20

Band 2 Ant1 DSI9

BW [MHz]	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	10.61	10.65	10.57	11.6	0
20	QPSK	1	49	10.61	10.48	10.47		
20	QPSK	1	99	10.55	10.43	10.59		
20	QPSK	50	0	10.58	10.61	10.47		
20	QPSK	50	24	10.46	10.50	10.53		
20	QPSK	50	50	10.54	10.42	10.59		
20	QPSK	100	0	10.43	10.59	10.38		
20	16QAM	1	0	10.57	10.61	10.49		
20	16QAM	1	49	10.58	10.64	10.57	11.6	0
20	16QAM	1	99	10.42	10.64	10.39		
20	16QAM	50	0	10.55	10.48	10.43		
20	16QAM	50	24	10.48	10.50	10.57	11.6	0
20	16QAM	50	50	10.57	10.61	10.35		
20	16QAM	100	0	10.58	10.44	10.59		
20	64QAM	1	0	10.46	10.58	10.56		
20	64QAM	1	49	10.45	10.49	10.57	11.6	0
20	64QAM	1	99	10.60	10.42	10.52		
20	64QAM	50	0	10.43	10.47	10.49		
20	64QAM	50	24	10.42	10.44	10.56	11.6	0
20	64QAM	50	50	10.53	10.57	10.44		
20	64QAM	100	0	10.55	10.63	10.51		
20	256QAM	1	0	10.57	10.52	10.48		
20	256QAM	1	49	10.57	10.60	10.39	11.6	0
20	256QAM	1	99	10.53	10.61	10.45		
20	256QAM	50	0	10.60	10.52	10.46		
20	256QAM	50	24	10.63	10.49	10.46	11.6	0
20	256QAM	50	50	10.58	10.62	10.54		
20	256QAM	100	0	10.58	10.45	10.55		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	10.61	10.56	10.44	11.6	0
15	QPSK	1	37	10.62	10.34	10.43		
15	QPSK	1	74	10.48	10.25	10.57		
15	QPSK	36	0	10.51	10.59	10.35		
15	QPSK	36	20	10.27	10.51	10.37		
15	QPSK	36	39	10.50	10.22	10.51		
15	QPSK	75	0	10.25	10.59	10.27		
15	16QAM	1	0	10.41	10.49	10.39		
15	16QAM	1	37	10.58	10.43	10.48	11.6	0
15	16QAM	1	74	10.25	10.62	10.36		
15	16QAM	36	0	10.47	10.41	10.31		
15	16QAM	36	20	10.43	10.33	10.40	11.6	0
15	16QAM	36	39	10.39	10.43	10.13		
15	16QAM	75	0	10.52	10.23	10.41		
15	64QAM	1	0	10.43	10.48	10.37		
15	64QAM	1	37	10.39	10.30	10.45	11.6	0
15	64QAM	1	74	10.46	10.43	10.53		
15	64QAM	36	0	10.27	10.42	10.40		
15	64QAM	36	20	10.39	10.43	10.36	11.6	0
15	64QAM	36	39	10.32	10.57	10.43		
15	64QAM	75	0	10.49	10.56	10.37		
15	256QAM	1	0	10.51	10.50	10.49		
15	256QAM	1	37	10.46	10.42	10.24	11.6	0
15	256QAM	1	74	10.36	10.52	10.44		
15	256QAM	36	0	10.39	10.52	10.31		
15	256QAM	36	20	10.47	10.44	10.44	11.6	0
15	256QAM	36	39	10.44	10.40	10.33		
15	256QAM	75	0	10.46	10.36	10.45		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	10.59	10.53	10.40	11.6	0
10	QPSK	1	25	10.58	10.45	10.35		
10	QPSK	1	49	10.42	10.22	10.39		
10	QPSK	25	0	10.37	10.51	10.48		
10	QPSK	25	12	10.33	10.32	10.44	11.6	0
10	QPSK	25	25	10.37	10.33	10.60		
10	QPSK	50	0	10.30	10.52	10.33		
10	16QAM	1	0	10.36	10.61	10.47		
10	16QAM	1	25	10.42	10.43	10.49	11.6	0
10	16QAM	1	49	10.30	10.48	10.23		
10	16QAM	25	0	10.36	10.41	10.44		
10	16QAM	25	12	10.50	10.42	10.49	11.6	0
10	16QAM	25	25	10.49	10.41	10.16		
10	16QAM	50	0	10.59	10.39	10.37		
10	64QAM	1	0	10.41	10.56	10.52		
10	64QAM	1	25	10.45	10.31	10.52	11.6	0
10	64QAM	1	49	10.41	10.41	10.54		
10	64QAM	25	0	10.25	10.48	10.29		
10	64QAM	25	12	10.43	10.30	10.38	11.6	0
10	64QAM	25	25	10.32	10.46	10.35		
10	64QAM	50	0	10.35	10.49	10.41		
10	256QAM	1	0	10.55	10.47	10.38		
10	256QAM	1	25	10.43	10.38	10.31	11.6	0
10	256QAM	1	49	10.39	10.45	10.27		
10	256QAM	25	0	10.52	10.52	10.37		
10	256QAM	25	12	10.48	10.38	10.37	11.6	0
10	256QAM	25	25	10.38	10.59	10.38		
10	256QAM	50	0	10.44	10.25	10.33		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	10.54	10.49	10.42	11.6	0
5	QPSK	1	12	10.60	10.26	10.38		
5	QPSK	1	24	10.50	10.24	10.45		
5	QPSK	12	7	10.49	10.45	10.27		
5	QPSK	12	7	10.37	10.44	10.39	11.6	0
5	QPSK	12	13	10.36	10.41	10.49		
5	QPSK	25	0	10.44	10.51	10.21		
5	16QAM	1	0	10.54	10.56	10.29		
5	16QAM	1	12	10.54	10.48	10.52	11.6	0
5	16QAM	1	24	10.23	10.51	10.24		
5	16QAM	12	0	10.52	10.49	10.40		
5	16QAM	12	7	10.38	10.46	10.44	11.6	0
5	16QAM	12	13	10.44	10.45	10.33		
5	16QAM	25	0	10.47	10.32	10.55		
5	64QAM	1	0	10.27	10.48	10.38		
5	64QAM	1	12	10.46	10.50	10.43	11.6	0
5	64QAM	1	24	10.44	10.45	10.33		
5	64QAM	12	0	10.42	10.31	10.37		
5	64QAM	12	7	10.38	10.24	10.44	11.6	0
5	64QAM	12	13	10.51	10.47	10.38		
5	64QAM	25	0	10.51	10.41	10.52		
5	256QAM	1	0	10.48	10.51	10.49	11.6	0
5	256QAM	1	12	10.53	10.53	10.28		
5	256QAM	1	24	10.52	10.42	10.35		
5	256QAM	12	0	10.59	10.53	10.36	11.6	0
5	256QAM	12	7	10.43	10.49	10.25		
5	256QAM	12	13	10.39	10.60	10.48		
5	256QAM	25	0	10.45	10.38	10.40		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	10.54	10.46	10.42	11.6	0
3	QPSK	1	8	10.40	10.38	10.31		
3	QPSK	1	14	10.34	10.37	10.57		
3	QPSK	8	0	10.46	10.52	10.26		
3	QPSK	8	4	10.30	10.43	10.38	11.6	0
3	QPSK	8	7	10.47	10.37	10.46		
3	QPSK	15	0	10.29	10.47	10.28		
3	16QAM	1	0	10.43	10.50	10.48		
3	16QAM	1	8	10.50	10.56	10.49	11.6	0
3	16QAM	1	14	10.34	10.51	10.24		
3	16QAM	8	0	10.48	10.32	10.39		
3	16QAM	8	4	10.29	10.39	10.36	11.6	0
3	16QAM	8	7	10.47	10.45	10.30		
3	16QAM	15	0	10.57	10.41	10.45		
3	64QAM	1	0	10.44	10.49	10.41		
3	64QAM	1	8	10.25	10.46	10.36	11.6	0
3	64QAM	1	14	10.50	10.35	10.37		
3	64QAM	8	0	10.42	10.44	10.31		
3	64QAM	8	4	10.28	10.34	10.51	11.6	0
3	64QAM	8	7	10.53	10.52	10.44		
3	64QAM	15	0	10.47	10.53	10.40		
3	256QAM	1	0	10.48	10.53	10.42		
3	256QAM	1	8	10.51	10.41	10.27	11.6	0
3	256QAM	1	14	10.46	10.58	10.38		
3	256QAM	8	0	10.47	10.45	10.34		
3	256QAM	8	4	10.56	10.35	10.42	11.6	0
3	256QAM	8	7	10.55	10.51	10.39		
3	256QAM	15	0	10.46	10.36	10.38		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	10.39	10.54	10.55	11.6	0
1.4	QPSK	1	3	10.49	10.37	10.36		
1.4	QPSK	1	5	10.32	10.34	10.38		
1.4	QPSK	3	0	10.52	10.51	10.27		
1.4	QPSK	3	1	10.31	10.38	10.35		
1.4	QPSK	3	3	10.50	10.37	10.52		
1.4	QPSK	6	0	10.40	10.44	10.26	11.6	0
1.4	16QAM	1	0	10.45	10.61	10.48	11.6	0
1.4	16QAM	1	3	10.52	10.61	10.49		
1.4	16QAM	1	5	10.30	10.42	10.32		
1.4	16QAM	3	0	10.52	10.43	10.33		
1.4	16QAM	3	1	10.43	10.30	10.56		
1.4	16QAM	3	3	10.53	10.47	10.16		
1.4	16QAM	6	0	10.50	10.45	10.38	11.6	0
1.4	64QAM	1	0	10.29	10.45	10.41	11.6	0
1.4	64QAM	1	3	10.45	10.49	10.55		
1.4	64QAM	1	5	10.44	10.27	10.36		
1.4	64QAM	3	0	10.30	10.38	10.45		
1.4	64QAM	3	1	10.33	10.41	10.47		
1.4	64QAM	3	3	10.52	10.51	10.35		
1.4	64QAM	6	0	10.53	10.54	10.38	11.6	0
1.4	256QAM	1	0	10.40	10.46	10.35	11.6	0
1.4	256QAM	1	3	10.43	10.48	10.32		
1.4	256QAM	1	5	10.50	10.39	10.45		
1.4	256QAM	3	0	10.61	10.52	10.25		
1.4	256QAM	3	1	10.60	10.36	10.25		
1.4	256QAM	3	3	10.59	10.63	10.53		
1.4	256QAM	6	0	10.54	10.46	10.40	11.6	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	10.63	10.74	10.68	11.8	0
20	QPSK	1	49	10.47	10.51	10.49		
20	QPSK	1	99	10.44	10.70	10.46		
20	QPSK	50	0	10.51	10.69	10.46		
20	QPSK	50	24	10.47	10.53	10.29		
20	QPSK	50	50	10.44	10.55	10.36		
20	QPSK	100	0	10.49	10.68	10.45		
20	16QAM	1	0	10.46	10.55	10.26		
20	16QAM	1	49	10.44	10.57	10.41	11.8	0
20	16QAM	1	99	10.47	10.45	10.31		
20	16QAM	50	0	10.60	10.60	10.43		
20	16QAM	50	24	10.36	10.58	10.46	11.8	0
20	16QAM	50	50	10.45	10.55	10.36		
20	16QAM	100	0	10.60	10.59	10.23		
20	64QAM	1	0	10.51	10.36	10.51		
20	64QAM	1	49	10.42	10.43	10.42	11.8	0
20	64QAM	1	99	10.44	10.51	10.26		
20	64QAM	50	0	10.36	10.71	10.25		
20	64QAM	50	24	10.50	10.62	10.43	11.8	0
20	64QAM	50	50	10.46	10.66	10.32		
20	64QAM	100	0	10.55	10.51	10.34		
20	256QAM	1	0	10.35	10.72	10.31		
20	256QAM	1	49	10.34	10.71	10.23	11.8	0
20	256QAM	1	99	10.62	10.56	10.46		
20	256QAM	50	0	10.51	10.59	10.20		
20	256QAM	50	24	10.35	10.61	10.22	11.8	0
20	256QAM	50	50	10.35	10.62	10.46		
20	256QAM	100	0	10.40	10.68	10.35		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	10.64	10.66	10.56	11.8	0
15	QPSK	1	37	10.45	10.41	10.35		
15	QPSK	1	74	10.33	10.64	10.38		
15	QPSK	36	0	10.39	10.61	10.35		
15	QPSK	36	20	10.42	10.48	10.15	11.8	0
15	QPSK	36	39	10.30	10.47	10.26		
15	QPSK	75	0	10.27	10.64	10.34		
15	16QAM	1	0	10.27	10.54	10.23		
15	16QAM	1	37	10.27	10.43	10.33	11.8	0
15	16QAM	1	74	10.32	10.44	10.29		
15	16QAM	36	0	10.56	10.58	10.33		
15	16QAM	36	20	10.32	10.49	10.41	11.8	0
15	16QAM	36	39	10.45	10.53	10.30		
15	16QAM	75	0	10.46	10.54	10.17		
15	64QAM	1	0	10.36	10.32	10.41		
15	64QAM	1	37	10.39	10.24	10.23	11.8	0
15	64QAM	1	74	10.33	10.40	10.07		
15	64QAM	36	0	10.30	10.24	10.04		
15	64QAM	36	20	10.48	10.37	10.23	11.8	0
15	64QAM	36	39	10.27	10.19	10.13		
15	64QAM	75	0	10.52	10.31	10.17		
15	256QAM	1	0	10.36	10.23	10.11		
15	256QAM	1	37	10.28	10.23	10.18	11.8	0
15	256QAM	1	74	10.51	10.17	10.36		
15	256QAM	36	0	10.30	10.39	10.01		
15	256QAM	36	20	10.19	10.50	10.19	11.8	0
15	256QAM	36	39	10.25	10.16	10.42		
15	256QAM	75	0	10.25	10.50	10.25		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	10.44	10.70	10.57	11.8	0
10	QPSK	1	25	10.26	10.34	10.47		
10	QPSK	1	49	10.36	10.71	10.33		
10	QPSK	25	0	10.43	10.64	10.32		
10	QPSK	25	12	10.29	10.40	10.20	11.8	0
10	QPSK	25	25	10.32	10.45	10.21		
10	QPSK	50	0	10.39	10.64	10.24		
10	16QAM	1	0	10.33	10.42	10.10		
10	16QAM	1	25	10.28	10.52	10.38	11.8	0
10	16QAM	1	49	10.48	10.31	10.27		
10	16QAM	25	0	10.56	10.51	10.39		
10	16QAM	25	12	10.28	10.40	10.26	11.8	0
10	16QAM	25	25	10.28	10.50	10.21		
10	16QAM	50	0	10.54	10.46	10.16		
10	64QAM	1	0	10.45	10.24	10.41		
10	64QAM	1	25	10.22	10.26	10.24	11.8	0
10	64QAM	1	49	10.33	10.39	10.25		
10	64QAM	25	0	10.18	10.17	10.13		
10	64QAM	25	12	10.36	10.41	10.42	11.8	0
10	64QAM	25	25	**10.34**	10.54	10.15		
10	64QAM	50	0	10.38	10.49	10.15		
10	256QAM	1	0	10.17	10.55	10.24		
10	256QAM	1	25	10.17	10.65	10.16	11.8	0
10	256QAM	1	49	10.44	10.41	10.45		
10	256QAM	25	0	10.51	10.40	10.11		
10	256QAM	25	12	10.31	10.61	10.18	11.8	0
10	256QAM	25	25	10.15	10.49	10.35		
10	256QAM	50	0	10.28	10.47	10.23		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	10.60	10.70	10.59	11.8	0
5	QPSK	1	12	10.37	10.51	10.49		
5	QPSK	1	24	10.24	10.56	10.29		
5	QPSK	12	0	10.44	10.61	10.19		
5	QPSK	12	7	10.35	10.38	10.14	11.8	0
5	QPSK	12	13	10.43	10.52	10.26		
5	QPSK	25	0	10.29	10.66	10.21		
5	16QAM	1	0	10.33	10.38	10.14		
5	16QAM	1	12	10.26	10.43	10.26	11.8	0
5	16QAM	1	24	10.39	10.44	10.18		
5	16QAM	12	0	10.56	10.58	10.32		
5	16QAM	12	7	10.33	10.59	10.45	11.8	0
5	16QAM	12	13	10.27	10.35	10.36		
5	16QAM	25	0	10.46	10.59	10.22		
5	64QAM	1	0	10.41	10.27	10.39		
5	64QAM	1	12	10.27	10.30	10.28	11.8	0
5	64QAM	1	24	10.32	10.43	10.27		
5	64QAM	12	0	10.24	10.58	10.22		
5	64QAM	12	7	10.30	10.26	10.38	11.8	0
5	64QAM	12	13	10.38	10.53	10.14		
5	64QAM	25	0	10.47	10.41	10.31		
5	256QAM	1	0	10.16	10.29	10.11		
5	256QAM	1	12	10.29	10.18	10.21	11.8	0
5	256QAM	1	24	10.30	10.37	10.37		
5	256QAM	12	0	10.44	10.39	10.04		
5	256QAM	12	7	10.22	10.53	10.20	11.8	0
5	256QAM	12	13	10.24	10.32	10.42		
5	256QAM	25	0	10.32	10.59	10.23		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	10.62	10.63	10.51	11.8	0
3	QPSK	1	8	10.31	10.39	10.47		
3	QPSK	1	14	10.31	10.53	10.30		
3	QPSK	8	0	10.46	10.59	10.28		
3	QPSK	8	4	10.36	10.37	10.11	11.8	0
3	QPSK	8	7	10.33	10.36	10.28		
3	QPSK	15	0	10.36	10.58	10.24		
3	16QAM	1	0	10.26	10.45	10.10		
3	16QAM	1	8	10.42	10.45	10.42	11.8	0
3	16QAM	1	14	10.37	10.29	10.22		
3	16QAM	8	0	10.54	10.52	10.23		
3	16QAM	8	4	10.28	10.48	10.38	11.8	0
3	16QAM	8	7	10.41	10.45	10.29		
3	16QAM	15	0	10.54	10.42	10.05		
3	64QAM	1	0	10.37	10.30	10.43		
3	64QAM	1	8	10.40	10.28	10.40	11.8	0
3	64QAM	1	14	10.37	10.31	10.20		
3	64QAM	8	0	10.18	10.35	10.15		
3	64QAM	8	4	10.50	10.24	10.37	11.8	0
3	64QAM	8	7	10.43	10.60	10.20		
3	64QAM	15	0	10.54	10.49	10.32		
3	256QAM	1	0	10.16	10.32	10.30		
3	256QAM	1	8	10.15	10.35	10.33	11.8	0
3	256QAM	1	14	10.45	10.29	10.25		
3	256QAM	8	0	10.39	10.56	10.09		
3	256QAM	8	4	10.24	10.42	10.29	11.8	0
3	256QAM	8	7	10.23	10.45	10.31		
3	256QAM	15	0	10.66	10.53	10.15		
Channel				19907	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	10.60	10.62	10.57	11.8	0
1.4	QPSK	1	3	10.46	10.34	10.50		
1.4	QPSK	1	5	10.42	10.67	10.46		
1.4	QPSK	3	0	10.48	10.50	10.26		
1.4	QPSK	3	1	10.33	10.49	10.11		
1.4	QPSK	3	3	10.27	10.34	10.30		
1.4	QPSK	6	0	10.36	10.50	10.21	11.8	0
1.4	16QAM	1	0	10.30	10.42	10.07	11.8	0
1.4	16QAM	1	3	10.23	10.42	10.27		
1.4	16QAM	1	5	10.28	10.42	10.30		
1.4	16QAM	3	0	10.42	10.60	10.37		
1.4	16QAM	3	1	10.31	10.41	10.34		
1.4	16QAM	3	3	10.34	10.49	10.30		
1.4	16QAM	6	0	10.40	10.56	10.16	11.8	0
1.4	64QAM	1	0	10.49	10.25	10.39	11.8	0
1.4	64QAM	1	3	10.31	10.34	10.39		
1.4	64QAM	1	5	10.41	10.38	10.06		
1.4	64QAM	3	0	10.29	10.58	10.09		
1.4	64QAM	3	1	10.44	10.23	10.34		
1.4	64QAM	3	3	10.27	10.46	10.30		
1.4	64QAM	6	0	10.54	10.40	10.18	11.8	0
1.4	256QAM	1	0	10.33	10.52	10.19	11.8	0
1.4	256QAM	1	3	10.31	10.57	10.24		
1.4	256QAM	1	5	10.53	10.47	10.29		
1.4	256QAM	3	0	10.49	10.46	10.13		
1.4	256QAM	3	1	10.29	10.52	10.12		
1.4	256QAM	3	3	10.25	10.38	10.31		
1.4	256QAM	6	0	10.30	10.66	10.30	11.8	0

Band 5 Ant1 DSI9

BW [MHz]	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	19.28	19.35	19.31	21.2	0
10	QPSK	1	25	19.27	19.27	19.28		
10	QPSK	1	49	19.22	19.25	19.29		
10	QPSK	25	0	19.25	19.33	19.23		
10	QPSK	25	12	19.26	19.29	19.21		
10	QPSK	25	25	19.22	19.31	19.24		
10	QPSK	50	0	19.20	19.27	19.26		
10	16QAM	1	0	19.25	19.32	19.22		
10	16QAM	1	25	19.20	19.28	19.25	21.2	0
10	16QAM	1	49	19.21	19.31	19.28		
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Band 12 Ant1 DSI9

BW [MHz]	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	17.66	17.76	17.63	19.1	0
10	QPSK	1	25	17.53	17.67	17.43		
10	QPSK	1	49	17.51	17.66	17.44		
10	QPSK	25	0	17.55	17.75	17.61	19.1	0
10	QPSK	25	12	17.60	17.71	17.60		
10	QPSK	25	25	17.55	17.70	17.47		
10	QPSK	50	0	17.50	17.74	17.43		
10	16QAM	1	0	17.65	17.71	17.45	19.1	0
10	16QAM	1	25	17.49	17.70	17.63		
10	16QAM	1	49	17.47	17.55	17.43		
10	16QAM	25	0	17.61	17.75	17.53	19.1	0
10	16QAM	25	12	17.46	17.74	17.57		
10	16QAM	25	25	17.64	17.61	17.57		
10	16QAM	50	0	17.60	17.67	17.46		
10	64QAM	1	0	17.66	17.74	17.49	19.1	0
10	64QAM	1	25	17.61	17.58	17.48		
10	64QAM	1	49	17.59	17.61	17.50		
10	64QAM	25	0	17.67	17.67	17.46	19.1	0
10	64QAM	25	12	17.48	17.57	17.54		
10	64QAM	25	25	17.62	17.68	17.45		
10	64QAM	50	0	17.52	17.61	17.61		
10	256QAM	1	0	17.50	17.69	17.56	19.1	0
10	256QAM	1	25	17.66	17.56	17.47		
10	256QAM	1	49	17.50	17.69	17.48		
10	256QAM	25	0	17.67	17.64	17.59	19.1	0
10	256QAM	25	12	17.47	17.57	17.44		
10	256QAM	25	25	17.61	17.65	17.44		
10	256QAM	50	0	17.47	17.75	17.62		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	17.50	17.71	17.57	19.1	0
5	QPSK	1	12	17.37	17.51	17.33		
5	QPSK	1	24	17.50	17.54	17.41		
5	QPSK	12	0	17.43	17.71	17.55	19.1	0
5	QPSK	12	7	17.47	17.70	17.39		
5	QPSK	12	13	17.53	17.51	17.26		
5	QPSK	25	0	17.32	17.53	17.40		
5	16QAM	1	0	17.59	17.59	17.38	19.1	0
5	16QAM	1	12	17.37	17.52	17.48		
5	16QAM	1	24	17.32	17.42	17.38		
5	16QAM	12	0	17.54	17.61	17.46	19.1	0
5	16QAM	12	7	17.35	17.66	17.46		
5	16QAM	12	13	17.55	17.55	17.50		
5	16QAM	25	0	17.61	17.60	17.42		
5	64QAM	1	0	17.55	17.70	17.48	19.1	0
5	64QAM	1	12	17.62	17.47	17.33		
5	64QAM	1	24	17.46	17.51	17.31		
5	64QAM	12	0	17.51	17.59	17.26	19.1	0
5	64QAM	12	7	17.27	17.43	17.40		
5	64QAM	12	13	17.49	17.53	17.25		
5	64QAM	25	0	17.40	17.41	17.56		
5	256QAM	1	0	17.48	17.55	17.45	19.1	0
5	256QAM	1	12	17.47	17.50	17.41		
5	256QAM	1	24	17.49	17.52	17.46		
5	256QAM	12	0	17.60	17.53	17.53	19.1	0
5	256QAM	12	7	17.46	17.56	17.32		
5	256QAM	12	13	17.61	17.58	17.41		
5	256QAM	25	0	17.29	17.67	17.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	17.48	17.67	17.57	19.1	0
3	QPSK	1	8	17.50	17.53	17.38		
3	QPSK	1	14	17.35	17.65	17.29		
3	QPSK	8	0	17.41	17.63	17.43	19.1	0
3	QPSK	8	4	17.55	17.50	17.45		
3	QPSK	8	7	17.49	17.63	17.30		
3	QPSK	15	0	17.33	17.58	17.29		
3	16QAM	1	0	17.46	17.64	17.36	19.1	0
3	16QAM	1	8	17.46	17.66	17.46		
3	16QAM	1	14	17.39	17.46	17.29		
3	16QAM	8	0	17.51	17.65	17.33	19.1	0
3	16QAM	8	4	17.32	17.54	17.56		
3	16QAM	8	7	17.64	17.51	17.38		
3	16QAM	15	0	17.53	17.49	17.28		
3	64QAM	1	0	17.65	17.66	17.28	19.1	0
3	64QAM	1	8	17.40	17.50	17.35		
3	64QAM	1	14	17.42	17.41	17.39		
3	64QAM	8	0	17.59	17.64	17.45	19.1	0
3	64QAM	8	4	17.28	17.53	17.35		
3	64QAM	8	7	17.43	17.51	17.46		
3	64QAM	15	0	17.31	17.61	17.44		
3	256QAM	1	0	17.40	17.69	17.48	19.1	0
3	256QAM	1	8	17.66	17.43	17.32		
3	256QAM	1	14	17.43	17.59	17.40		
3	256QAM	8	0	17.55	17.46	17.39	19.1	0
3	256QAM	8	4	17.31	17.45	17.34		
3	256QAM	8	7	17.55	17.57	17.25		
3	256QAM	15	0	17.37	17.60	17.61		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	17.50	17.63	17.45	19.1	0
1.4	QPSK	1	3	17.41	17.66	17.28		
1.4	QPSK	1	5	17.34	17.65	17.24		
1.4	QPSK	3	0	17.45	17.62	17.54		
1.4	QPSK	3	1	17.49	17.70	17.49		
1.4	QPSK	3	3	17.36	17.58	17.29		
1.4	QPSK	6	0	17.47	17.61	17.32	19.1	0
1.4	16QAM	1	0	17.59	17.64	17.37	19.1	0
1.4	16QAM	1	3	17.43	17.66	17.64		
1.4	16QAM	1	5	17.39	17.39	17.35		
1.4	16QAM	3	0	17.56	17.70	17.37		
1.4	16QAM	3	1	17.27	17.72	17.42		
1.4	16QAM	3	3	17.57	17.45	17.43		
1.4	16QAM	6	0	17.56	17.60	17.36	19.1	0
1.4	64QAM	1	0	17.53	17.64	17.37	19.1	0
1.4	64QAM	1	3	17.57	17.38	17.42		
1.4	64QAM	1	5	17.52	17.50	17.35		
1.4	64QAM	3	0	17.66	17.49	17.38		
1.4	64QAM	3	1	17.49	17.44	17.42		
1.4	64QAM	3	3	17.53	17.48	17.44		
1.4	64QAM	6	0	17.49	17.51	17.54	19.1	0
1.4	256QAM	1	0	17.50	17.49	17.47	19.1	0
1.4	256QAM	1	3	17.61	17.52	17.26		
1.4	256QAM	1	5	17.37	17.69	17.47		
1.4	256QAM	3	0	17.52	17.62	17.55		
1.4	256QAM	3	1	17.41	17.57	17.28		
1.4	256QAM	3	3	17.51	17.64	17.29		
1.4	256QAM	6	0	17.44	17.70	17.58	19.1	0

Band 13 Ant1 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23220			
Frequency (MHz)					782			
10	QPSK	1	0		20.11		21.6	0
10	QPSK	1	25		20.07			
10	QPSK	1	49		20.02			
10	QPSK	25	0		20.10		21.6	0
10	QPSK	25	12		20.06			
10	QPSK	25	25		19.98			
10	QPSK	50	0		20.09			
10	16QAM	1	0		19.97		21.6	0
10	16QAM	1	25		20.05			
10	16QAM	1	49		20.10			
10	16QAM	25	0		19.99		21.6	0
10	16QAM	25	12		19.90			
10	16QAM	25	25		20.04			
10	16QAM	50	0		20.09			
10	64QAM	1	0		19.97		21.6	0
10	64QAM	1	25		19.96			
10	64QAM	1	49		19.93			
10	64QAM	25	0		19.91		21.6	0
10	64QAM	25	12		19.97			
10	64QAM	25	25		20.09			
10	64QAM	50	0		20.00			
10	256QAM	1	0		19.17		20.6	1
10	256QAM	1	25		19.03			
10	256QAM	1	49		19.01			
10	256QAM	25	0		19.15		20.6	1
10	256QAM	25	12		19.18			
10	256QAM	25	25		19.18			
10	256QAM	50	0		19.17			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	20.01	19.91	19.91	21.6	0
5	QPSK	1	12	19.89	20.06	20.01		
5	QPSK	1	24	19.98	19.92	19.99		
5	QPSK	12	0	20.06	20.00	20.04	21.6	0
5	QPSK	12	7	19.93	20.02	19.91		
5	QPSK	12	13	19.83	19.78	19.98		
5	QPSK	25	0	19.89	19.95	20.06		
5	16QAM	1	0	19.92	19.90	19.95	21.6	0
5	16QAM	1	12	19.90	19.85	19.90		
5	16QAM	1	24	19.90	19.91	20.00		
5	16QAM	12	0	19.84	19.80	19.95	21.6	0
5	16QAM	12	7	19.85	19.73	19.80		
5	16QAM	12	13	19.88	19.86	20.01		
5	16QAM	25	0	20.01	19.93	19.96		
5	64QAM	1	0	19.93	19.94	19.78	21.6	0
5	64QAM	1	12	19.91	19.89	19.88		
5	64QAM	1	24	19.84	19.91	19.73		
5	64QAM	12	0	19.80	19.71	19.78	21.6	0
5	64QAM	12	7	19.92	19.95	19.80		
5	64QAM	12	13	19.95	20.00	20.03		
5	64QAM	25	0	19.88	19.87	19.99		
5	256QAM	1	0	19.13	19.07	19.14	20.6	1
5	256QAM	1	12	18.98	18.88	18.99		
5	256QAM	1	24	18.91	18.93	18.90		
5	256QAM	12	0	19.14	18.98	19.07	20.6	1
5	256QAM	12	7	18.99	19.04	19.01		
5	256QAM	12	13	19.09	19.01	18.97		
5	256QAM	25	0	19.13	19.07	19.16		

Band 17 Ant1 DSI9

BW [MHz]	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	17.67	17.69	17.65	19.1	0
10	QPSK	1	25	17.52	17.56	17.48		
10	QPSK	1	49	17.53	17.61	17.47		
10	QPSK	25	0	17.55	17.66	17.51	19.1	0
10	QPSK	25	12	17.51	17.48	17.64		
10	QPSK	25	25	17.62	17.61	17.60		
10	QPSK	50	0	17.61	17.66	17.48		
10	16QAM	1	0	17.54	17.55	17.50	19.1	0
10	16QAM	1	25	17.51	17.62	17.46		
10	16QAM	1	49	17.58	17.66	17.52		
10	16QAM	25	0	17.62	17.66	17.57	19.1	0
10	16QAM	25	12	17.57	17.58	17.46		
10	16QAM	25	25	17.52	17.57	17.48		
10	16QAM	50	0	17.52	17.65	17.65	19.1	0
10	64QAM	1	0	17.54	17.62	17.54		
10	64QAM	1	25	17.63	17.61	17.49		
10	64QAM	1	49	17.67	17.65	17.62		
10	64QAM	25	0	17.47	17.59	17.62	19.1	0
10	64QAM	25	12	17.54	17.56	17.50		
10	64QAM	25	25	17.53	17.63	17.52		
10	64QAM	50	0	17.52	17.54	17.63	19.1	0
10	256QAM	1	0	17.48	17.61	17.48		
10	256QAM	1	25	17.64	17.61	17.61		
10	256QAM	1	49	17.57	17.52	17.56		
10	256QAM	25	0	17.52	17.62	17.61	19.1	0
10	256QAM	25	12	17.52	17.48	17.55		
10	256QAM	25	25	17.64	17.55	17.60		
10	256QAM	50	0	17.59	17.57	17.48		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	17.43	17.37	17.30	19.1	0
5	QPSK	1	12	17.41	17.44	17.46		
5	QPSK	1	24	17.39	17.53	17.50		
5	QPSK	12	0	17.32	17.43	17.50	19.1	0
5	QPSK	12	7	17.50	17.44	17.41		
5	QPSK	12	13	17.53	17.52	17.30		
5	QPSK	25	0	17.49	17.45	17.42		
5	16QAM	1	0	17.47	17.53	17.41	19.1	0
5	16QAM	1	12	17.45	17.61	17.42		
5	16QAM	1	24	17.47	17.51	17.43		
5	16QAM	12	0	17.54	17.40	17.29	19.1	0
5	16QAM	12	7	17.52	17.43	17.49		
5	16QAM	12	13	17.48	17.55	17.48		
5	16QAM	25	0	17.36	17.53	17.35		
5	64QAM	1	0	17.44	17.46	17.36	19.1	0
5	64QAM	1	12	17.68	17.66	17.52		
5	64QAM	1	24	17.36	17.50	17.63		
5	64QAM	12	0	17.52	17.38	17.49	19.1	0
5	64QAM	12	7	17.50	17.47	17.47		
5	64QAM	12	13	17.50	17.44	17.51		
5	64QAM	25	0	17.40	17.50	17.40	19.1	0
5	256QAM	1	0	17.45	17.58	17.46		
5	256QAM	1	12	17.46	17.37	17.48		
5	256QAM	1	24	17.44	17.46	17.41		
5	256QAM	12	0	17.45	17.29	17.40	19.1	0
5	256QAM	12	7	17.48	17.44	17.40		
5	256QAM	12	13	17.49	17.50	17.41		
5	256QAM	25	0	17.58	17.64	17.53		

Band 25 Ant1 DSI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	10.70	10.73	10.65		
20	QPSK	1	49	10.55	10.62	10.45	11.6	0
20	QPSK	1	99	10.48	10.31	10.29		
20	QPSK	50	0	10.62	10.71	10.67		
20	QPSK	50	24	10.57	10.63	10.42	11.6	0
20	QPSK	50	50	10.33	10.33	10.31		
20	QPSK	100	0	10.65	10.60	10.63		
20	16QAM	1	0	10.65	10.42	10.62		
20	16QAM	1	49	10.43	10.54	10.30	11.6	0
20	16QAM	1	99	10.56	10.56	10.56		
20	16QAM	50	0	10.26	10.53	10.26		
20	16QAM	50	24	10.37	10.49	10.27	11.6	0
20	16QAM	50	50	10.42	10.32	10.36		
20	16QAM	100	0	10.43	10.41	10.34		
20	64QAM	1	0	10.36	10.45	10.45		
20	64QAM	1	49	10.39	10.51	10.53	11.6	0
20	64QAM	1	99	10.25	10.43	10.53		
20	64QAM	50	0	10.56	10.31	10.39		
20	64QAM	50	24	10.39	10.27	10.37	11.6	0
20	64QAM	50	50	10.37	10.34	10.41		
20	64QAM	100	0	10.40	10.50	10.39		
20	256QAM	1	0	10.46	10.52	10.30		
20	256QAM	1	49	10.37	10.52	10.39	11.6	0
20	256QAM	1	99	10.51	10.57	10.38		
20	256QAM	50	0	10.48	10.50	10.44		
20	256QAM	50	24	10.53	10.52	10.30	11.6	0
20	256QAM	50	50	10.60	10.40	10.47		
20	256QAM	100	0	10.49	10.45	10.38		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	10.51	10.64	10.42		
15	QPSK	1	37	10.45	10.26	10.44	11.6	0
15	QPSK	1	74	10.49	10.32	10.42		
15	QPSK	36	0	10.45	10.47	10.37		
15	QPSK	36	20	10.29	10.34	10.31	11.6	0
15	QPSK	36	39	10.47	10.43	10.55		
15	QPSK	75	0	10.35	10.57	10.28		
15	16QAM	1	0	10.57	10.54	10.35		
15	16QAM	1	37	10.53	10.55	10.53	11.6	0
15	16QAM	1	74	10.41	10.50	10.22		
15	16QAM	36	0	10.47	10.48	10.26		
15	16QAM	36	20	10.35	10.41	10.40	11.6	0
15	16QAM	36	39	10.58	10.46	10.27		
15	16QAM	75	0	10.51	10.37	10.41		
15	64QAM	1	0	10.35	10.36	10.45		
15	64QAM	1	37	10.28	10.38	10.56	11.6	0
15	64QAM	1	74	10.48	10.36	10.51		
15	64QAM	36	0	10.44	10.48	10.29		
15	64QAM	36	20	10.37	10.38	10.38	11.6	0
15	64QAM	36	39	10.32	10.46	10.45		
15	64QAM	75	0	10.43	10.49	10.36		
15	256QAM	1	0	10.44	10.44	10.43		
15	256QAM	1	37	10.52	10.56	10.19	11.6	0
15	256QAM	1	74	10.54	10.62	10.41		
15	256QAM	36	0	10.42	10.36	10.30		
15	256QAM	36	20	10.54	10.35	10.27	11.6	0
15	256QAM	36	39	10.47	10.54	10.53		
15	256QAM	75	0	10.55	10.35	10.53		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	10.62	10.51	10.43		
10	QPSK	1	25	10.60	10.35	10.32	11.6	0
10	QPSK	1	49	10.39	10.36	10.46		
10	QPSK	25	0	10.44	10.60	10.40		
10	QPSK	25	12	10.42	10.37	10.35	11.6	0
10	QPSK	25	25	10.43	10.31	10.59		
10	QPSK	50	0	10.27	10.43	10.28		
10	16QAM	1	0	10.35	10.54	10.50		
10	16QAM	1	25	10.59	10.65	10.40	11.6	0
10	16QAM	1	49	10.44	10.65	10.25		
10	16QAM	25	0	10.37	10.49	10.38		
10	16QAM	25	12	10.29	10.44	10.35	11.6	0
10	16QAM	25	25	10.51	10.50	10.34		
10	16QAM	50	0	10.56	10.34	10.60		
10	64QAM	1	0	10.26	10.55	10.50		
10	64QAM	1	25	10.41	10.28	10.51	11.6	0
10	64QAM	1	49	10.60	10.24	10.44		
10	64QAM	25	0	10.28	10.29	10.28		
10	64QAM	25	12	10.24	10.44	10.49	11.6	0
10	64QAM	25	25	10.48	10.46	10.27		
10	64QAM	50	0	10.48	10.46	10.52		
10	256QAM	1	0	10.45	10.43	10.45		
10	256QAM	1	25	10.57	10.40	10.38	11.6	0
10	256QAM	1	49	10.43	10.41	10.27		
10	256QAM	25	0	10.47	10.51	10.32		
10	256QAM	25	12	10.44	10.31	10.36	11.6	0
10	256QAM	25	25	10.50	10.51	10.55		
10	256QAM	50	0	10.40	10.44	10.47		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	10.58	10.65	10.55		
5	QPSK	1	12	10.44	10.38	10.25	11.6	0
5	QPSK	1	24	10.48	10.44	10.51		
5	QPSK	12	0	10.50	10.50	10.37		
5	QPSK	12	7	10.25	10.28	10.43	11.6	0
5	QPSK	12	13	10.34	10.37	10.55		
5	QPSK	25	0	10.23	10.40	10.34		
5	16QAM	1	0	10.55	10.55	10.44		
5	16QAM	1	12	10.38	10.58	10.59	11.6	0
5	16QAM	1	24	10.24	10.61	10.40		
5	16QAM	12	0	10.35	10.46	10.29		
5	16QAM	12	7	10.48	10.49	10.42	11.6	0
5	16QAM	12	13	10.38	10.40	10.31		
5	16QAM	25	0	10.54	10.36	10.47		
5	64QAM	1	0	10.44	10.43	10.43		
5	64QAM	1	12	10.39	10.51	10.42	11.6	0
5	64QAM	1	24	10.41	10.42	10.43		
5	64QAM	12	0	10.41	10.37	10.33		
5	64QAM	12	7	10.43	10.37	10.35	11.6	0
5	64QAM	12	13	10.38	10.41	10.32		
5	64QAM	25	0	10.53	10.49	10.39		
5	256QAM	1	0	10.56	10.49	10.29		
5	256QAM	1	12	10.47	10.57	10.31	11.6	0
5	256QAM	1	24	10.51	10.62	10.34		
5	256QAM	12	0	10.45	10.38	10.48		
5	256QAM	12	7	10.42	10.43	10.47	11.6	0
5	256QAM	12	13	10.51	10.54	10.54		
5	256QAM	25	0	10.49	10.43	10.36		
Channel				26055	26340	26625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	10.50	10.53	10.40		
3	QPSK	1	8	10.53	10.48	10.39	11.6	0
3	QPSK	1	14	10.36	10.36	10.58		
3	QPSK	8	0	10.50	10.43	10.49		
3	QPSK	8	4	10.31	10.43	10.40	11.6	0
3	QPSK	8	7	10.37	10.34	10.45		
3	QPSK	15	0	10.43	10.39	10.35		
3	16QAM	1	0	10.36	10.49	10.37		
3	16QAM	1	8	10.46	10.62	10.36	11.6	0
3	16QAM	1	14	10.43	10.51	10.30		
3	16QAM	8	0	10.45	10.47	10.22		
3	16QAM	8	4	10.34	10.45	10.37	11.6	0
3	16QAM	8	7	10.36	10.47	10.18		
3	16QAM	15	0	10.45	10.42	10.59		
3	64QAM	1	0	10.25	10.40	10.51		
3	64QAM	1	8	10.29	10.51	10.52	11.6	0
3	64QAM	1	14	10.58	10.25	10.45		
3	64QAM	8	0	10.40	10.44	10.29		
3	64QAM	8	4	10.22	10.32	10.49	11.6	0
3	64QAM	8	7	10.53	10.44	10.46		
3	64QAM	15	0	10.55	10.62	10.34		
3	256QAM	1	0	10.54	10.31	10.34		
3	256QAM	1	8	10.42	10.50	10.37	11.6	0
3	256QAM	1	14	10.52	10.51	10.32		
3	256QAM	8	0	10.47	10.35	10.28		
3	256QAM	8	4	10.56	10.41	10.30	11.6	0
3	256QAM	8	7	10.52	10.54	10.54		
3	256QAM	15	0	10.43	10.44	10.47		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	10.57	10.52	10.57		
1.4	QPSK	1	3	10.54	10.35	10.29		
1.4	QPSK	1	5	10.43	10.24	10.55	11.6	0
1.4	QPSK	3	0	10.52	10.63	10.33		
1.4	QPSK	3	1	10.45	10.40	10.36		
1.4	QPSK	3	3	10.49	10.40	10.41		
1.4	QPSK	6	0	10.42	10.54	10.22	11.6	0
1.4	16QAM	1	0	10.52	10.59	10.29		
1.4	16QAM	1	3	10.37	10.54	10.48		
1.4	16QAM	1	5	10.41	10.66	10.35	11.6	0
1.4	16QAM	3	0	10.48	10.48	10.36		
1.4	16QAM	3	1	10.41	10.41	10.39		
1.4	16QAM	3	3	10.41	10.53	10.29		
1.4	16QAM	6	0	10.44	10.37	10.53	11.6	0
1.4	64QAM	1	0	10.47	10.39	10.42		
1.4	64QAM	1	3	10.45	10.33	10.36		
1.4	64QAM	1	5	10.52	10.23	10.43	11.6	0
1.4	64QAM	3	0	10.22	10.34	10.29		
1.4	64QAM	3	1	10.39	10.28	10.44		
1.4	64QAM	3	3	10.51	10.53	10.41		
1.4	64QAM	6	0	10.41	10.62	10.46	11.6	0
1.4	256QAM	1	0	10.39	10.49	10.49		
1.4	256QAM	1	3	10.46	10.41	10.26		
1.4	256QAM	1	5	10.32	10.55	10.36	11.6	0
1.4	256QAM	3	0	10.49	10.50	10.32		
1.4	256QAM	3	1	10.58	10.47	10.26		
1.4	256QAM	3	3	10.43	10.49	10.41		
1.4	256QAM	6	0	10.43	10.35	10.49	11.6	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.31	19.38	19.29		
15	QPSK	1	37	19.22	19.24	19.28	21.2	0
15	QPSK	1	74	19.22	19.31	19.30		
15	QPSK	36	0	19.20	19.35	19.26		
15	QPSK	36	20	19.24	19.25	19.21	21.2	0
15	QPSK	36	39	19.22	19.29	19.26		
15	QPSK	75	0	19.26	19.30	19.29		
15	16QAM	1	0	19.29	19.33	19.25		
15	16QAM	1	37	19.32	19.32	19.24	21.2	0
15	16QAM	1	74	19.22	19.36	19.23		
15	16QAM	36	0	19.27	19.27	19.31		
15	16QAM	36	20	19.27	19.32	19.27	21.2	0
15	16QAM	36	39	19.22	19.37	19.28		
15	16QAM	75	0	19.25	19.28	19.24		
15	64QAM	1	0	19.30	19.30	19.20		
15	64QAM	1	37	19.25	19.23	19.27	21.2	0
15	64QAM	1	74	19.24	19.29	19.27		
15	64QAM	36	0	19.20	19.24	19.26		
15	64QAM	36	20	19.30	19.34	19.29	21.2	0
15	64QAM	36	39	19.31	19.37	19.30		
15	64QAM	75	0	19.29	19.26	19.24		
15	256QAM	1	0	18.43	18.37	18.56		
15	256QAM	1	37	18.40	18.44	18.50	19.7	1.5
15	256QAM	1	74	18.30	18.42	18.51		
15	256QAM	36	0	18.43	18.41	18.47		
15	256QAM	36	20	18.45	18.42	18.37	19.7	1.5
15	256QAM	36	39	18.32	18.35	18.24		
15	256QAM	75	0	18.32	18.36	18.46		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.25	19.31	19.32		
10	QPSK	1	25	19.22	19.23	19.30	21.2	0
10	QPSK	1	49	19.23	19.34	19.30		
10	QPSK	25	0	19.28	19.31	19.20		
10	QPSK	25	12	19.26	19.26	19.24	21.2	0
10	QPSK	25	25	19.27	19.28	19.24		
10	QPSK	50	0	19.28	19.29	19.29		
10	16QAM	1	0	19.26	19.35	19.22		
10	16QAM	1	25	19.20	19.27	19.23	21.2	0
10	16QAM	1	49	19.27	19.33	19.25		
10	16QAM	25	0	19.23	19.25	19.36		
10	16QAM	25	12	19.27	19.30	19.29	21.2	0
10	16QAM	25	25	19.24	19.32	19.26		
10	16QAM	50	0	19.25	19.24	19.30		
10	64QAM	1	0	19.31	19.30	19.25		
10	64QAM	1	25	19.21	19.30	19.26	21.2	0
10	64QAM	1	49	19.22	19.28	19.29		
10	64QAM	25	0	19.24	19.21	19.24		
10	64QAM	25	12	19.24	19.32	19.34	21.2	0
10	64QAM	25	25	19.25	19.34	19.25		
10	64QAM	50	0	19.22	19.27	19.26		
10	256QAM	1	0	18.51	18.36	18.49		
10	256QAM	1	25	18.43	18.45	18.50	19.7	1.5
10	256QAM	1	49	18.37	18.37	18.47		
10	256QAM	25	0	18.43	18.36	18.46		
10	256QAM	25	12	18.44	18.42	18.34	19.7	1.5
10	256QAM	25	25	18.31	18.36	18.21		
10	256QAM	50	0	18.30	18.32	18.46		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.24	19.33	19.34		
5	QPSK	1	12	19.30	19.24	19.29	21.2	0
5	QPSK	1	24	19.24	19.33	19.27		
5	QPSK	12	0	19.30	19.29	19.21		
5	QPSK	12	7	19.21	19.24	19.24	21.2	0
5	QPSK	12	13	19.22	19.27	19.22		
5	QPSK	25	0	19.28	19.25	19.21		
5	16QAM	1	0	19.25	19.36	19.33		
5	16QAM	1	12	19.24	19.30	19.24	21.2	0
5	16QAM	1	24	19.24	19.31	19.29		
5	16QAM	12	0	19.23	19.28	19.31		
5	16QAM	12	7	19.29	19.33	19.30	21.2	0
5	16QAM	12	13	19.30	19.35	19.23		
5	16QAM	25	0	19.27	19.32	19.24		
5	64QAM	1	0	19.26	19.31	19.23		
5	64QAM	1	12	19.22	19.30	19.28	21.2	0
5	64QAM	1	24	19.30	19.27	19.30		
5	64QAM	12	0	19.25	19.26	19.22		
5	64QAM	12	7	19.23	19.28	19.34	21.2	0
5	64QAM	12	13	19.21	19.36	19.29		
5	64QAM	25	0	19.26	19.23	19.28		
5	256QAM	1	0	18.45	18.41	18.55		
5	256QAM	1	12	18.44	18.48	18.43	19.7	1.5
5	256QAM	1	24	18.30	18.38	18.48		
5	256QAM	12	0	18.43	18.41	18.48		
5	256QAM	12	7	18.46	18.46	18.38	19.7	1.5
5	256QAM	12	13	18.35	18.33	18.17		
5	256QAM	25	0	18.25	18.30	18.54		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.24	19.37	19.36		
3	QPSK	1	8	19.26	19.28	19.30	21.2	0
3	QPSK	1	14	19.22	19.28	19.31		
3	QPSK	8	0	19.27	19.36	19.24		
3	QPSK	8	4	19.26	19.30	19.21	21.2	0
3	QPSK	8	7	19.21	19.32	19.30		
3	QPSK	15	0	19.27	19.22	19.26		
3	16QAM	1	0	19.29	19.28	19.27		
3	16QAM	1	8	19.26	19.26	19.21	21.2	0
3	16QAM	1	14	19.24	19.31	19.32		
3	16QAM	8	0	19.27	19.26	19.34		
3	16QAM	8	4	19.21	19.35	19.25	21.2	0
3	16QAM	8	7	19.28	19.33	19.25		
3	16QAM	15	0	19.21	19.24	19.30		
3	64QAM	1	0	19.22	19.26	19.21		
3	64QAM	1	8	19.21	19.28	19.23	21.2	0
3	64QAM	1	14	19.25	19.26	19.30		
3	64QAM	8	0	19.23	19.23	19.26		
3	64QAM	8	4	19.23	19.33	19.27	21.2	0
3	64QAM	8	7	19.25	19.29	19.20		
3	64QAM	15	0	19.27	19.30	19.30		
3	256QAM	1	0	18.46	18.45	18.54		
3	256QAM	1	8	18.36	18.46	18.43	19.7	1.5
3	256QAM	1	14	18.32	18.39	18.55		
3	256QAM	8	0	18.40	18.41	18.47		
3	256QAM	8	4	18.46	18.47	18.36	19.7	1.5
3	256QAM	8	7	18.36	18.29	18.26		
3	256QAM	15	0	18.26	18.28	18.52		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.24	19.30	19.28		
1.4	QPSK	1	3	19.28	19.32	19.31		
1.4	QPSK	1	5	19.25	19.33	19.30	21.2	0
1.4	QPSK	3	0	19.22	19.30	19.26		
1.4	QPSK	3	1	19.22	19.31	19.26		
1.4	QPSK	3	3	19.28	19.30	19.22		
1.4	QPSK	6	0	19.34	19.25	19.22	21.2	0
1.4	16QAM	1	0	19.28	19.28	19.28		
1.4	16QAM	1	3	19.30	19.24	19.21		
1.4	16QAM	1	5	19.24	19.28	19.26	21.2	0
1.4	16QAM	3	0	19.28	19.25	19.30		
1.4	16QAM	3	1	19.23	19.32	19.33		
1.4	16QAM	3	3	19.25	19.31	19.20		
1.4	16QAM	6	0	19.25	19.27	19.23	21.2	0
1.4	64QAM	1	0	19.31	19.33	19.25		
1.4	64QAM	1	3	19.28	19.27	19.24		
1.4	64QAM	1	5	19.25	19.28	19.27	21.2	0
1.4	64QAM	3	0	19.24	19.28	19.24		
1.4	64QAM	3	1	19.27	19.29	19.29		
1.4	64QAM	3	3	19.24	19.35	19.26		
1.4	64QAM	6	0	19.27	19.22	19.25	21.2	0
1.4	256QAM	1	0	18.49	18.39	18.52		
1.4	256QAM	1	3	18.44	18.43	18.48		
1.4	256QAM	1	5	18.33	18.40	18.54	19.7	1.5
1.4	256QAM	3	0	18.41	18.38	18.48		
1.4	256QAM	3	1	18.45	18.47	18.36		
1.4	256QAM	3	3	18.36	18.31	18.19		
1.4	256QAM	6	0	18.26	18.29	18.47	19.7	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	10.76	10.77	10.66		
20	QPSK	1	49	10.58	10.64	10.68	11.8	0
20	QPSK	1	99	10.56	10.51	10.57		
20	QPSK	50	0	10.48	10.68	10.51		
20	QPSK	50	24	10.63	10.65	10.67	11.8	0
20	QPSK	50	50	10.57	10.65	10.50		
20	QPSK	100	0	10.54	10.64	10.56		
20	16QAM	1	0	10.33	10.54	10.13		
20	16QAM	1	49	10.40	10.49	10.28	11.8	0
20	16QAM	1	99	10.32	10.33	10.31		
20	16QAM	50	0	10.43	10.49	10.42		
20	16QAM	50	24	10.31	10.38	10.45	11.8	0
20	16QAM	50	50	10.35	10.41	10.31		
20	16QAM	100	0	10.46	10.58	10.12		
20	64QAM	1	0	10.31	10.23	10.36		
20	64QAM	1	49	10.24	10.43	10.33	11.8	0
20	64QAM	1	99	10.35	10.36	10.07		
20	64QAM	50	0	10.15	10.53	10.16		
20	64QAM	50	24	10.37	10.27	10.42	11.8	0
20	64QAM	50	50	10.27	10.47	10.22		
20	64QAM	100	0	10.54	10.35	10.25		
20	256QAM	1	0	10.37	10.45	10.44		
20	256QAM	1	49	10.38	10.36	10.28	11.8	0
20	256QAM	1	99	10.61	10.36	10.41		
20	256QAM	50	0	10.48	10.53	10.19		
20	256QAM	50	24	10.33	10.61	10.13	11.8	0
20	256QAM	50	50	10.32	10.40	10.43		
20	256QAM	100	0	10.30	10.54	10.23		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	10.46	10.54	10.52		
15	QPSK	1	37	10.38	10.33	10.46	11.8	0
15	QPSK	1	74	10.31	10.59	10.35		
15	QPSK	36	0	10.40	10.65	10.35		
15	QPSK	36	20	10.27	10.32	10.25	11.8	0
15	QPSK	36	39	10.42	10.53	10.19		
15	QPSK	75	0	10.36	10.61	10.22		
15	16QAM	1	0	10.28	10.49	10.10		
15	16QAM	1	37	10.45	10.54	10.30	11.8	0
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