Reduced Power Mode for DSI1

Band 2 other PA Ant 2 DSI 1

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

Band 4 other PA Ant 2 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.26	23.30	23.20	24	0
20	QPSK	1	49	23.21	23.29	23.12		
20	QPSK	1	99	23.22	23.27	23.08		
20	QPSK	50	0	22.27	22.25	22.16	23	1
20	QPSK	50	24	22.21	22.26	22.20		
20	QPSK	50	50	22.15	22.28	22.13		
20	QPSK	100	0	22.23	22.30	22.15		
20	16QAM	1	0	22.29	22.33	22.21	23	1
20	16QAM	1	49	22.16	22.24	22.07		
20	16QAM	1	99	22.17	22.31	22.05		
20	16QAM	50	0	21.24	21.30	21.14	22	2
20	16QAM	50	24	21.17	21.24	21.15		
20	16QAM	50	50	21.17	21.33	21.12		
20	16QAM	100	0	21.19	21.32	21.19		
20	64QAM	1	0	21.28	21.28	21.21	22	2
20	64QAM	1	49	21.15	21.29	21.14		
20	64QAM	1	99	21.19	21.22	21.08		
20	64QAM	50	0	20.24	20.27	20.11	21	3
20	64QAM	50	24	20.23	20.29	20.22		
20	64QAM	50	50	20.19	20.29	20.07		
20	64QAM	100	0	20.27	20.27	20.18		
20	256QAM	1	0	18.27	18.30	18.15	19	5
20	256QAM	1	49	18.20	18.35	18.16		
20	256QAM	1	99	18.19	18.25	18.05		
20	256QAM	50	0	18.22	18.26	18.11	19	5
20	256QAM	50	24	18.25	18.28	18.25		
20	256QAM	50	50	18.15	18.25	18.16		
20	256QAM	100	0	18.22	18.27	18.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.19	23.29	23.09	24	0
15	QPSK	1	37	23.15	23.27	23.03		
15	QPSK	1	74	23.11	23.23	23.01		
15	QPSK	36	0	22.17	22.15	22.08	23	1
15	QPSK	36	20	22.16	22.20	22.11		
15	QPSK	36	39	22.12	22.26	22.13		
15	QPSK	75	0	22.22	22.22	22.10		
15	16QAM	1	0	22.24	22.26	22.10	23	1
15	16QAM	1	37	22.09	22.18	22.00		
15	16QAM	1	74	22.15	22.20	21.99		
15	16QAM	36	0	21.19	21.27	21.05	22	2
15	16QAM	36	20	21.13	21.23	21.07		
15	16QAM	36	39	21.12	21.26	21.03		
15	16QAM	75	0	21.12	21.28	21.12		
15	64QAM	1	0	21.20	21.23	21.20	22	2
15	64QAM	1	37	21.09	21.24	21.09		
15	64QAM	1	74	21.12	21.12	21.08		
15	64QAM	36	0	20.18	20.26	20.02	21	3
15	64QAM	36	20	20.19	20.21	20.21		
15	64QAM	36	39	20.11	20.26	20.06		
15	64QAM	75	0	20.20	20.16	20.13		
15	256QAM	1	0	18.22	18.23	18.10	19	5
15	256QAM	1	37	18.19	18.32	18.09		
15	256QAM	1	74	18.16	18.15	18.01		
15	256QAM	36	0	18.21	18.17	18.04	19	5
15	256QAM	36	20	18.13	18.26	18.19		
15	256QAM	36	39	18.15	18.19	18.05		
15	256QAM	75	0	18.12	18.26	18.14		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.14	23.29	23.08	24	0
10	QPSK	1	25	23.19	23.26	23.05		
10	QPSK	1	49	23.21	23.20	23.03		
10	QPSK	25	0	22.21	22.24	22.15	23	1
10	QPSK	25	12	22.14	22.23	22.11		
10	QPSK	25	25	22.04	22.20	22.11		
10	QPSK	50	0	22.12	22.25	22.07		
10	16QAM	1	0	22.29	22.30	22.12	23	1
10	16QAM	1	25	22.10	22.21	21.98		
10	16QAM	1	49	22.08	22.28	21.96		
10	16QAM	25	0	21.13	21.28	21.07	22	2
10	16QAM	25	12	21.15	21.13	21.04		
10	16QAM	25	25	21.17	21.21	21.04		
10	16QAM	50	0	21.16	21.27	21.15		
10	64QAM	1	0	21.28	21.26	21.11	22	2
10	64QAM	1	25	21.08	21.19	21.03		
10	64QAM	1	49	21.19	21.21	21.02		
10	64QAM	25	0	20.14	20.26	20.00	21	3
10	64QAM	25	12	20.14	20.27	20.18		
10	64QAM	25	25	20.11	20.21	20.04		
10	64QAM	50	0	20.18	20.23	20.08		
10	256QAM	1	0	18.23	18.29	18.05	19	5
10	256QAM	1	25	18.18	18.27	18.11		
10	256QAM	1	49	18.11	18.20	18.03		
10	256QAM	25	0	18.18	18.26	18.08	19	5
10	256QAM	25	12	18.24	18.16	18.24		
10	256QAM	25	25	18.05	18.19	18.08		
10	256QAM	50	0	18.18	18.21	18.08		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.19	23.27	23.13	24	0
5	QPSK	1	12	23.15	23.24	23.05		
5	QPSK	1	24	23.17	23.21	23.05		
5	QPSK	12	0	22.26	22.25	22.06	23	1
5	QPSK	12	7	22.09	22.15	22.13		
5	QPSK	12	13	22.13	22.21	22.07		
5	QPSK	25	0	22.18	22.29	22.10		
5	16QAM	1	0	22.19	22.22	22.15	23	1
5	16QAM	1	12	22.09	22.16	22.06		
5	16QAM	1	24	22.13	22.22	22.02		
5	16QAM	12	0	21.14	21.25	21.06	22	2
5	16QAM	12	7	21.05	21.17	21.06		
5	16QAM	12	13	21.06	21.26	21.02		
5	16QAM	25	0	21.17	21.23	21.17		
5	64QAM	1	0	21.18	21.18	21.14	22	2
5	64QAM	1	12	21.06	21.17	21.14		
5	64QAM	1	24	21.07	21.21	20.97		
5	64QAM	12	0	20.22	20.24	20.07	21	3
5	64QAM	12	7	20.15	20.24	20.21		
5	64QAM	12	13	20.08	20.28	20.01		
5	64QAM	25	0	20.23	20.20	20.18		
5	256QAM	1	0	18.26	18.29	18.15	19	5
5	256QAM	1	12	18.10	18.23	18.05		
5	256QAM	1	24	18.17	18.14	18.01		
5	256QAM	12	0	18.12	18.17	18.03	19	5
5	256QAM	12	7	18.15	18.19	18.18		
5	256QAM	12	13	18.03	18.21	18.16		
5	256QAM	25	0	18.15	18.21	18.14		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.16	23.25	23.15	24	0
3	QPSK	1	8	23.10	23.21	23.05		
3	QPSK	1	14	23.20	23.17	23.04		
3	QPSK	8	0	22.21	22.22	22.09	23	1
3	QPSK	8	4	22.15	22.23	22.11		
3	QPSK	8	7	22.08	22.20	22.06		
3	QPSK	15	0	22.17	22.24	22.11		
3	16QAM	1	0	22.25	22.23	22.11	23	1
3	16QAM	1	8	22.16	22.23	21.98		
3	16QAM	1	14	22.07	22.30	22.04		
3	16QAM	8	0	21.17	21.21	21.02	22	2
3	16QAM	8	4	21.05	21.20	21.07		
3	16QAM	8	7	21.13	21.25	21.07		
3	16QAM	15	0	21.17	21.21	21.11		
3	64QAM	1	0	21.17	21.23	21.15	22	2
3	64QAM	1	8	21.13	21.27	21.12		
3	64QAM	1	14	21.19	21.18	21.05		
3	64QAM	8	0	20.16	20.19	20.00	21	3
3	64QAM	8	4	20.20	20.18	20.14		
3	64QAM	8	7	20.14	20.27	20.00		
3	64QAM	15	0	20.16	20.24	20.08		
3	256QAM	1	0	18.27	18.23	18.11	19	5
3	256QAM	1	8	18.13	18.29	18.06		
3	256QAM	1	14	18.19	18.20	17.97		
3	256QAM	8	0	18.20	18.15	18.00	19	5
3	256QAM	8	4	18.20	18.23	18.24		
3	256QAM	8	7	18.07	18.20	18.12		
3	256QAM	15	0	18.22	18.19	18.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.19	23.28	23.16	24	0
1.4	QPSK	1	3	23.15	23.19	23.03		
1.4	QPSK	1	5	23.15	23.18	23.07		
1.4	QPSK	3	0	23.18	23.26	23.17		
1.4	QPSK	3	1	23.21	23.24	23.03		
1.4	QPSK	3	3	23.15	23.17	23.04		
1.4	QPSK	6	0	22.27	22.23	22.07	23	1
1.4	16QAM	1	0	22.20	22.16	22.15	23	1
1.4	16QAM	1	3	22.14	22.17	22.04		
1.4	16QAM	1	5	22.18	22.29	22.10		
1.4	16QAM	3	0	22.24	22.26	22.19		
1.4	16QAM	3	1	22.14	22.13	21.98		
1.4	16QAM	3	3	22.09	22.27	22.02		
1.4	16QAM	6	0	21.16	21.26	21.03	22	2
1.4	64QAM	1	0	21.16	21.19	21.07	22	2
1.4	64QAM	1	3	21.09	21.23	21.11		
1.4	64QAM	1	5	21.18	21.28	21.08		
1.4	64QAM	3	0	21.24	21.16	21.16		
1.4	64QAM	3	1	21.10	21.22	21.02		
1.4	64QAM	3	3	21.15	21.17	20.98		
1.4	64QAM	6	0	20.24	20.27	20.06	21	3
1.4	256QAM	1	0	18.16	18.30	18.13	19	5
1.4	256QAM	1	3	18.13	18.31	18.11		
1.4	256QAM	1	5	18.09	18.25	17.95		
1.4	256QAM	3	0	18.21	18.23	18.10		
1.4	256QAM	3	1	18.22	18.26	18.22		
1.4	256QAM	3	3	18.11	18.25	18.15		
1.4	256QAM	6	0	18.18	18.22	18.13	19	5

Band 7 other PA Ant 2 DSI 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.21	23.25	23.18	24	0
20	QPSK	1	49	23.15	23.23	23.14		
20	QPSK	1	99	23.17	23.21	23.15		
20	QPSK	50	0	22.18	22.27	22.22	23	1
20	QPSK	50	24	22.19	22.23	22.22		
20	QPSK	50	50	22.12	22.27	22.15		
20	QPSK	100	0	22.18	22.26	22.10		
20	16QAM	1	0	22.19	22.26	22.23	23	1
20	16QAM	1	49	22.19	22.18	22.15		
20	16QAM	1	99	22.15	22.15	22.09		
20	16QAM	50	0	21.13	21.22	21.27	22	2
20	16QAM	50	24	21.17	21.18	21.19		
20	16QAM	50	50	21.08	21.32	21.15		
20	16QAM	100	0	21.13	21.32	21.05		
20	64QAM	1	0	21.26	21.25	21.19	22	2
20	64QAM	1	49	21.15	21.28	21.12		
20	64QAM	1	99	21.12	21.16	21.10		
20	64QAM	50	0	20.22	20.27	20.26	21	3
20	64QAM	50	24	20.14	20.20	20.28		
20	64QAM	50	50	20.11	20.25	20.18		
20	64QAM	100	0	20.14	20.21	20.12		
20	256QAM	1	0	18.20	18.26	18.20	19	5
20	256QAM	1	49	18.15	18.25	18.19		
20	256QAM	1	99	18.13	18.23	18.21		
20	256QAM	50	0	18.19	18.22	18.18	19	5
20	256QAM	50	24	18.19	18.25	18.21		
20	256QAM	50	50	18.17	18.22	18.20		
20	256QAM	100	0	18.15	18.23	18.11		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.10	23.20	23.10	24	0
15	QPSK	1	37	23.05	23.22	23.10		
15	QPSK	1	74	23.16	23.12	23.08		
15	QPSK	36	0	22.18	22.23	22.11	23	1
15	QPSK	36	20	22.12	22.18	22.15		
15	QPSK	36	39	22.06	22.24	22.04		
15	QPSK	75	0	22.10	22.17	22.09		
15	16QAM	1	0	22.12	22.25	22.22	23	1
15	16QAM	1	37	22.11	22.16	22.15		
15	16QAM	1	74	22.09	22.08	22.02		
15	16QAM	36	0	21.12	21.20	21.17	22	2
15	16QAM	36	20	21.15	21.13	21.13		
15	16QAM	36	39	21.06	21.27	21.12		
15	16QAM	75	0	21.09	21.25	21.02		
15	64QAM	1	0	21.26	21.15	21.12	22	2
15	64QAM	1	37	21.15	21.21	21.07		
15	64QAM	1	74	21.08	21.05	21.09		
15	64QAM	36	0	20.16	20.21	20.16	21	3
15	64QAM	36	20	20.07	20.19	20.22		
15	64QAM	36	39	20.08	20.23	20.09		
15	64QAM	75	0	20.10	20.09	20.01		
15	256QAM	1	0	18.15	18.26	18.17	19	5
15	256QAM	1	37	18.06	18.24	18.14		
15	256QAM	1	74	18.08	18.14	18.10		
15	256QAM	36	0	18.07	18.20	18.16	19	5
15	256QAM	36	20	18.19	18.16	18.13		
15	256QAM	36	39	18.16	18.21	18.11		
15	256QAM	75	0	18.06	18.19	18.09		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.15	23.22	23.14	24	0
10	QPSK	1	25	23.13	23.14	23.14		
10	QPSK	1	49	23.15	23.14	23.05		
10	QPSK	25	0	22.15	22.27	22.10	23	1
10	QPSK	25	12	22.08	22.15	22.17		
10	QPSK	25	25	22.12	22.22	22.08		
10	QPSK	50	0	22.07	22.21	21.98		
10	16QAM	1	0	22.14	22.17	22.17	23	1
10	16QAM	1	25	22.12	22.08	22.07		
10	16QAM	1	49	22.10	22.06	22.06		
10	16QAM	25	0	21.11	21.22	21.26	22	2
10	16QAM	25	12	21.06	21.07	21.12		
10	16QAM	25	25	20.98	21.30	21.10		
10	16QAM	50	0	21.05	21.29	21.01		
10	64QAM	1	0	21.23	21.19	21.08	22	2
10	64QAM	1	25	21.15	21.28	21.09		
10	64QAM	1	49	21.09	21.05	21.09		
10	64QAM	25	0	20.10	20.27	20.25	21	3
10	64QAM	25	12	20.09	20.11	20.22		
10	64QAM	25	25	20.06	20.16	20.15		
10	64QAM	50	0	20.09	20.13	20.08		
10	256QAM	1	0	18.13	18.18	18.09	19	5
10	256QAM	1	25	18.13	18.19	18.09		
10	256QAM	1	49	18.08	18.14	18.14		
10	256QAM	25	0	18.14	18.12	18.17	19	5
10	256QAM	25	12	18.12	18.15	18.15		
10	256QAM	25	25	18.15	18.21	18.18		
10	256QAM	50	0	18.04	18.22	18.10		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.18	23.21	23.10	24	0
5	QPSK	1	12	23.07	23.22	23.12		
5	QPSK	1	24	23.07	23.10	23.07		
5	QPSK	12	0	22.14	22.20	22.10	23	1
5	QPSK	12	7	22.14	22.13	22.21		
5	QPSK	12	13	22.08	22.17	22.08		
5	QPSK	25	0	22.08	22.17	21.99		
5	16QAM	1	0	22.11	22.20	22.23	23	1
5	16QAM	1	12	22.16	22.12	22.11		
5	16QAM	1	24	22.08	22.08	22.00		
5	16QAM	12	0	21.06	21.21	21.27	22	2
5	16QAM	12	7	21.15	21.08	21.15		
5	16QAM	12	13	21.04	21.32	21.09		
5	16QAM	25	0	21.10	21.28	21.02		
5	64QAM	1	0	21.20	21.23	21.10	22	2
5	64QAM	1	12	21.04	21.18	21.09		
5	64QAM	1	24	21.08	21.12	21.01		
5	64QAM	12	0	20.17	20.26	20.17	21	3
5	64QAM	12	7	20.08	20.15	20.27		
5	64QAM	12	13	20.05	20.18	20.11		
5	64QAM	25	0	20.10	20.13	20.06		
5	256QAM	1	0	18.17	18.25	18.19	19	5
5	256QAM	1	12	18.03	18.24	18.14		
5	256QAM	1	24	18.08	18.12	18.19		
5	256QAM	12	0	18.19	18.16	18.12	19	5
5	256QAM	12	7	18.07	18.25	18.20		
5	256QAM	12	13	18.16	18.16	18.14		
5	256QAM	25	0	18.10	18.22	18.08		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.24	23.37	23.27	24	0
20	QPSK	1	49	23.23	23.36	23.21		
20	QPSK	1	99	23.22	23.36	23.27		
20	QPSK	50	0	22.18	22.38	22.25	23	1
20	QPSK	50	24	22.19	22.35	22.30		
20	QPSK	50	50	22.22	22.33	22.18		
20	QPSK	100	0	22.17	22.35	22.27		
20	16QAM	1	0	22.22	22.39	22.25	23	1
20	16QAM	1	49	22.26	22.36	22.24		
20	16QAM	1	99	22.22	22.35	22.31		
20	16QAM	50	0	21.12	21.33	21.20	22	2
20	16QAM	50	24	21.22	21.37	21.27		
20	16QAM	50	50	21.20	21.32	21.24		
20	16QAM	100	0	21.18	21.34	21.29		
20	64QAM	1	0	21.29	21.36	21.24	22	2
20	64QAM	1	49	21.20	21.34	21.25		
20	64QAM	1	99	21.19	21.38	21.31		
20	64QAM	50	0	20.23	20.36	20.23	21	3
20	64QAM	50	24	20.16	20.31	20.33		
20	64QAM	50	50	20.28	20.36	20.15		
20	64QAM	100	0	20.19	20.38	20.27		
20	256QAM	1	0	18.18	18.37	18.23	19	5
20	256QAM	1	49	18.23	18.31	18.20		
20	256QAM	1	99	18.25	18.36	18.28		
20	256QAM	50	0	18.14	18.35	18.24	19	5
20	256QAM	50	24	18.21	18.33	18.28		
20	256QAM	50	50	18.23	18.39	18.14		
20	256QAM	100	0	18.19	18.30	18.31		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.14	23.34	23.23	24	0
15	QPSK	1	37	23.15	23.27	23.18		
15	QPSK	1	74	23.18	23.27	23.20		
15	QPSK	36	0	22.15	22.27	22.16	23	1
15	QPSK	36	20	22.11	22.24	22.20		
15	QPSK	36	39	22.19	22.21	22.11		
15	QPSK	75	0	22.05	22.25	22.16		
15	16QAM	1	0	22.21	22.36	22.17	23	1
15	16QAM	1	37	22.20	22.29	22.17		
15	16QAM	1	74	22.15	22.34	22.31		
15	16QAM	36	0	21.03	21.27	21.17	22	2
15	16QAM	36	20	21.22	21.28	21.17		
15	16QAM	36	39	21.10	21.27	21.13		
15	16QAM	75	0	21.16	21.25	21.28		
15	64QAM	1	0	21.26	21.28	21.17	22	2
15	64QAM	1	37	21.15	21.33	21.19		
15	64QAM	1	74	21.13	21.30	21.24		
15	64QAM	36	0	20.20	20.26	20.21	21	3
15	64QAM	36	20	20.06	20.31	20.30		
15	64QAM	36	39	20.27	20.29	20.08		
15	64QAM	75	0	20.09	20.28	20.19		
15	256QAM	1	0	18.15	18.33	18.21	19	5
15	256QAM	1	37	18.18	18.26	18.13		
15	256QAM	1	74	18.18	18.35	18.20		
15	256QAM	36	0	18.08	18.29	18.22	19	5
15	256QAM	36	20	18.14	18.28	18.18		
15	256QAM	36	39	18.12	18.37	18.13		
15	256QAM	75	0	18.15	18.24	18.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.12	23.36	23.22	24	0
10	QPSK	1	25	23.23	23.31	23.18		
10	QPSK	1	49	23.19	23.29	23.24		
10	QPSK	25	0	22.17	22.27	22.24	23	1
10	QPSK	25	12	22.10	22.31	22.24		
10	QPSK	25	25	22.20	22.33	22.15		
10	QPSK	50	0	22.08	22.28	22.20		
10	16QAM	1	0	22.15	22.33	22.20	23	1
10	16QAM	1	25	22.22	22.28	22.24		
10	16QAM	1	49	22.18	22.34	22.23		
10	16QAM	25	0	21.12	21.26	21.19	22	2
10	16QAM	25	12	21.18	21.26	21.26		
10	16QAM	25	25	21.13	21.23	21.17		
10	16QAM	50	0	21.09	21.33	21.21		
10	64QAM	1	0	21.23	21.32	21.16	22	2
10	64QAM	1	25	21.15	21.23	21.17		
10	64QAM	1	49	21.12	21.27	21.24		
10	64QAM	25	0	20.16	20.30	20.14	21	3
10	64QAM	25	12	20.04	20.25	20.25		
10	64QAM	25	25	20.21	20.31	20.14		
10	64QAM	50	0	20.11	20.34	20.24		
10	256QAM	1	0	18.11	18.26	18.18	19	5
10	256QAM	1	25	18.16	18.23	18.14		
10	256QAM	1	49	18.18	18.28	18.27		
10	256QAM	25	0	18.11	18.28	18.13	19	5
10	256QAM	25	12	18.14	18.28	18.19		
10	256QAM	25	25	18.15	18.33	18.11		
10	256QAM	50	0	18.13	18.24	18.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.17	23.36	23.18	24	0
5	QPSK	1	12	23.16	23.34	23.12		
5	QPSK	1	24	23.12	23.24	23.16		
5	QPSK	12	0	22.11	22.28	22.24	23	1
5	QPSK	12	7	22.16	22.28	22.25		
5	QPSK	12	13	22.20	22.26	22.18		
5	QPSK	25	0	22.09	22.24	22.16		
5	16QAM	1	0	22.11	22.29	22.15	23	1
5	16QAM	1	12	22.18	22.34	22.20		
5	16QAM	1	24	22.11	22.26	22.31		
5	16QAM	12	0	21.01	21.32	21.14	22	2
5	16QAM	12	7	21.19	21.28	21.15		
5	16QAM	12	13	21.14	21.21	21.22		
5	16QAM	25	0	21.13	21.27	21.27		
5	64QAM	1	0	21.23	21.31	21.16	22	2
5	64QAM	1	12	21.14	21.33	21.14		
5	64QAM	1	24	21.16	21.28	21.30		
5	64QAM	12	0	20.14	20.33	20.23	21	3
5	64QAM	12	7	20.15	20.30	20.32		
5	64QAM	12	13	20.22	20.27	20.13		
5	64QAM	25	0	20.08	20.37	20.25		
5	256QAM	1	0	18.07	18.34	18.15	19	5
5	256QAM	1	12	18.12	18.28	18.09		
5	256QAM	1	24	18.19	18.27	18.21		
5	256QAM	12	0	18.06	18.25	18.21	19	5
5	256QAM	12	7	18.13	18.26	18.24		
5	256QAM	12	13	18.22	18.35	18.12		
5	256QAM	25	0	18.15	18.24	18.23		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.20	23.34	23.20	24	0
3	QPSK	1	8	23.20	23.32	23.11		
3	QPSK	1	14	23.17	23.30	23.15		
3	QPSK	8	0	22.10	22.32	22.17	23	1
3	QPSK	8	4	22.13	22.28	22.28		
3	QPSK	8	7	22.20	22.30	22.10		
3	QPSK	15	0	22.12	22.26	22.16		
3	16QAM	1	0	22.18	22.36	22.22	23	1
3	16QAM	1	8	22.15	22.27	22.18		
3	16QAM	1	14	22.19	22.29	22.20		
3	16QAM	8	0	21.02	21.30	21.15	22	2
3	16QAM	8	4	21.22	21.30	21.21		
3	16QAM	8	7	21.17	21.27	21.16		
3	16QAM	15	0	21.12	21.31	21.21		
3	64QAM	1	0	21.23	21.29	21.17	22	2
3	64QAM	1	8	21.08	21.33	21.21		
3	64QAM	1	14	21.09	21.35	21.24		
3	64QAM	8	0	20.14	20.26	20.13	21	3
3	64QAM	8	4	20.11	20.23	20.23		
3	64QAM	8	7	20.24	20.34	20.06		
3	64QAM	15	0	20.10	20.37	20.16		
3	256QAM	1	0	18.10	18.35	18.12	19	5
3	256QAM	1	8	18.22	18.28	18.12		
3	256QAM	1	14	18.19	18.36	18.18		
3	256QAM	8	0	18.10	18.31	18.13	19	5
3	256QAM	8	4	18.18	18.28	18.16		
3	256QAM	8	7	18.20	18.36	18.11		
3	256QAM	15	0	18.11	18.26	18.22		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.20	23.32	23.25	24	0
1.4	QPSK	1	3	23.19	23.27	23.09		
1.4	QPSK	1	5	23.11	23.32	23.23		
1.4	QPSK	3	0	23.24	23.31	23.25		
1.4	QPSK	3	1	23.21	23.34	23.19		
1.4	QPSK	3	3	23.16	23.36	23.22		
1.4	QPSK	6	0	22.08	22.28	22.23	24	0
1.4	16QAM	1	0	22.17	22.24	22.29	24	0
1.4	16QAM	1	3	22.15	22.29	22.11		
1.4	16QAM	1	5	22.09	22.24	22.27		
1.4	16QAM	3	0	22.13	22.36	22.16		
1.4	16QAM	3	1	22.17	22.31	22.17		
1.4	16QAM	3	3	22.11	22.29	22.22		
1.4	16QAM	6	0	21.09	21.29	21.16	24	0
1.4	64QAM	1	0	21.12	21.37	21.22	24	0
1.4	64QAM	1	3	21.13	21.24	21.15		
1.4	64QAM	1	5	21.07	21.27	21.25		
1.4	64QAM	3	0	21.27	21.28	21.19		
1.4	64QAM	3	1	21.13	21.30	21.14		
1.4	64QAM	3	3	21.14	21.33	21.27		
1.4	64QAM	6	0	20.08	20.36	20.22	24	0
1.4	256QAM	1	0	18.18	18.35	18.11	24	0
1.4	256QAM	1	3	18.14	18.30	18.18		
1.4	256QAM	1	5	18.15	18.28	18.24		
1.4	256QAM	3	0	18.07	18.34	18.13		
1.4	256QAM	3	1	18.10	18.23	18.16		
1.4	256QAM	3	3	18.19	18.30	18.11		
1.4	256QAM	6	0	18.12	18.30	18.29	24	0

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BW [MHz]	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	22.25	22.30	22.23	23	0
20	QPSK	1	49	22.16	22.16	22.18		
20	QPSK	1	99	22.12	22.17	22.16		
20	QPSK	50	0	22.18	22.24	22.12	23	0
20	QPSK	50	24	22.16	22.22	22.09		
20	QPSK	50	50	22.16	22.19	22.13		
20	QPSK	100	0	22.22	22.21	22.10		
20	16QAM	1	0	22.13	22.17	22.16	23	0
20	16QAM	1	49	22.15	22.20	22.17		
20	16QAM	1	99	22.07	22.15	22.12		
20	16QAM	50	0	21.15	21.20	21.11	22	1
20	16QAM	50	24	21.15	21.19	21.04		
20	16QAM	50	50	21.21	21.13	21.13		
20	16QAM	100	0	21.19	21.23	21.13		
20	64QAM	1	0	21.13	21.20	21.17	22	1
20	64QAM	1	49	21.11	21.22	21.11		
20	64QAM	1	99	21.08	21.17	21.07		
20	64QAM	50	0	20.19	20.26	20.15	21	2
20	64QAM	50	24	20.18	20.20	20.09		
20	64QAM	50	50	20.18	20.14	20.17		
20	64QAM	100	0	20.24	20.15	20.06		
20	256QAM	1	0	18.23	18.22	18.15	19	4
20	256QAM	1	49	18.15	18.21	18.06		
20	256QAM	1	99	18.16	18.25	18.11		
20	256QAM	50	0	18.26	18.26	18.14	19	4
20	256QAM	50	24	18.15	18.19	18.21		
20	256QAM	50	50	18.21	18.18	18.17		
20	256QAM	100	0	18.03	18.20	18.06		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.14	22.21	22.12	23	0
15	QPSK	1	37	22.11	22.06	22.09		
15	QPSK	1	74	22.09	22.06	22.13		
15	QPSK	36	0	22.08	22.11	22.02	23	0
15	QPSK	36	20	22.07	22.19	22.03		
15	QPSK	36	39	22.02	22.07	22.10		
15	QPSK	75	0	22.12	22.17	22.06		
15	16QAM	1	0	22.01	22.06	22.04	23	0
15	16QAM	1	37	22.07	22.08	22.05		
15	16QAM	1	74	22.03	22.07	22.06		
15	16QAM	36	0	21.07	21.08	21.03	22	1
15	16QAM	36	20	21.11	21.10	20.92		
15	16QAM	36	39	21.12	20.99	21.10		
15	16QAM	75	0	21.14	21.10	21.07		
15	64QAM	1	0	21.07	21.18	21.09	22	1
15	64QAM	1	37	21.03	21.17	21.05		
15	64QAM	1	74	21.00	21.09	20.95		
15	64QAM	36	0	20.10	20.19	20.02	21	2
15	64QAM	36	20	20.10	20.18	20.03		
15	64QAM	36	39	20.12	20.07	20.08		
15	64QAM	75	0	20.10	20.01	20.00		
15	256QAM	1	0	18.14	18.19	18.04	19	4
15	256QAM	1	37	18.10	18.09	17.95		
15	256QAM	1	74	18.03	18.17	18.07		
15	256QAM	36	0	18.21	18.12	18.04	19	4
15	256QAM	36	20	18.05	18.06	18.09		
15	256QAM	36	39	18.11	18.12	18.13		
15	256QAM	75	0	17.94	18.14	17.99		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.22	22.24	22.18	23	0
10	QPSK	1	25	22.09	22.09	22.12		
10	QPSK	1	49	22.10	22.13	22.08		
10	QPSK	25	0	22.11	22.12	22.00	23	0
10	QPSK	25	12	22.02	22.17	22.01		
10	QPSK	25	25	22.06	22.15	22.05		
10	QPSK	50	0	22.09	22.14	21.99		
10	16QAM	1	0	22.04	22.12	22.04	23	0
10	16QAM	1	25	22.11	22.16	22.08		
10	16QAM	1	49	22.03	22.09	22.04		
10	16QAM	25	0	21.09	21.10	21.04	22	1
10	16QAM	25	12	21.10	21.10	20.97		
10	16QAM	25	25	21.09	21.06	21.07		
10	16QAM	50	0	21.15	21.10	21.07		
10	64QAM	1	0	21.03	21.13	21.14	22	1
10	64QAM	1	25	21.03	21.16	20.98		
10	64QAM	1	49	21.04	21.06	21.00		
10	64QAM	25	0	20.12	20.19	20.13	21	2
10	64QAM	25	12	20.12	20.14	19.98		
10	64QAM	25	25	20.15	20.02	20.05		
10	64QAM	50	0	20.15	20.06	20.00		
10	256QAM	1	0	18.10	18.08	18.09	19	4
10	256QAM	1	25	18.10	18.12	17.96		
10	256QAM	1	49	18.09	18.18	18.03		
10	256QAM	25	0	18.16	18.14	18.02	19	4
10	256QAM	25	12	18.04	18.14	18.19		
10	256QAM	25	25	18.19	18.06	18.03		
10	256QAM	50	0	17.99	18.17	18.00		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.16	22.19	22.16	23	0
5	QPSK	1	12	22.09	22.06	22.06		
5	QPSK	1	24	22.07	22.15	22.09		
5	QPSK	12	0	22.14	22.20	22.05	23	0
5	QPSK	12	7	22.05	22.12	22.04		
5	QPSK	12	13	22.11	22.10	22.09		
5	QPSK	25	0	22.10	22.13	22.01		
5	16QAM	1	0	22.03	22.15	22.05	23	0
5	16QAM	1	12	22.08	22.17	22.07		
5	16QAM	1	24	21.97	22.10	22.00		
5	16QAM	12	0	21.12	21.13	21.00	22	1
5	16QAM	12	7	21.09	21.13	21.00		
5	16QAM	12	13	21.09	21.01	21.03		
5	16QAM	25	0	21.08	21.18	21.09		
5	64QAM	1	0	21.08	21.10	21.13	22	1
5	64QAM	1	12	21.03	21.11	20.98		
5	64QAM	1	24	20.97	21.09	21.04		
5	64QAM	12	0	20.06	20.15	20.07	21	2
5	64QAM	12	7	20.14	20.07	19.97		
5	64QAM	12	13	20.11	20.10	20.04		
5	64QAM	25	0	20.15	20.12	19.99		
5	256QAM	1	0	18.15	18.18	18.10	19	4
5	256QAM	1	12	18.10	18.16	17.97		
5	256QAM	1	24	18.13	18.18	18.06		
5	256QAM	12	0	18.16	18.20	18.06	19	4
5	256QAM	12	7	18.06	18.09	18.10		
5	256QAM	12	13	18.14	18.04	18.12		
5	256QAM	25	0	17.93	18.13	17.97		

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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	22.71	22.75	22.79	22.73	22.68	23.5	0
20	QPSK	1	49	22.61	22.63	22.69	22.64	22.62		
20	QPSK	1	99	22.66	22.70	22.72	22.60	22.54		
20	QPSK	50	0	22.25	22.28	22.31	22.23	22.26	23	0.5
20	QPSK	50	24	22.26	22.21	22.30	22.18	22.28		
20	QPSK	50	50	22.16	22.27	22.24	22.18	22.25		
20	QPSK	100	0	22.17	22.23	22.28	22.17	22.24		
20	16QAM	1	0	22.23	22.19	22.25	22.15	22.19	23	0.5
20	16QAM	1	49	22.20	22.20	22.24	22.15	22.18		
20	16QAM	1	99	22.04	22.27	22.17	22.15	22.23		
20	16QAM	50	0	21.21	21.25	21.29	21.23	21.26	22	1.5
20	16QAM	50	24	21.28	21.16	21.31	21.20	21.27		
20	16QAM	50	50	21.20	21.22	21.29	21.13	21.28		
20	16QAM	100	0	21.18	21.29	21.24	21.20	21.18		
20	64QAM	1	0	21.18	21.20	21.22	21.14	21.19	22	1.5
20	64QAM	1	49	21.21	21.22	21.25	21.20	21.24		
20	64QAM	1	99	20.99	21.25	21.21	21.17	21.21		
20	64QAM	50	0	20.29	20.22	20.29	20.23	20.24	21	2.5
20	64QAM	50	24	20.28	20.22	20.33	20.12	20.34		
20	64QAM	50	50	20.18	20.30	20.28	20.14	20.22		
20	64QAM	100	0	20.22	20.24	20.25	20.16	20.20		
20	256QAM	1	0	18.29	18.23	18.28	18.23	18.29	19	4.5
20	256QAM	1	49	18.29	18.17	18.25	18.19	18.22		
20	256QAM	1	99	18.15	18.33	18.19	18.17	18.21		
20	256QAM	50	0	18.12	18.18	18.27	18.21	18.19	19	4.5
20	256QAM	50	24	18.19	18.15	18.27	18.09	18.14		
20	256QAM	50	50	18.16	18.19	18.28	18.10	18.21		
20	256QAM	100	0	18.09	18.31	18.17	18.19	18.24		
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	22.68	22.63	22.72	22.65	22.55	23.50	0
15	QPSK	1	37	22.53	22.54	22.59	22.53	22.56		
15	QPSK	1	74	22.57	22.65	22.68	22.55	22.43		
15	QPSK	36	0	22.21	22.22	22.23	22.16	22.20	23	0.5
15	QPSK	36	20	22.22	22.18	22.23	22.05	22.21		
15	QPSK	36	39	22.02	22.18	22.19	22.11	22.19		
15	QPSK	75	0	22.11	22.15	22.21	22.07	22.10		
15	16QAM	1	0	22.13	22.09	22.21	22.13	22.09	23	0.5
15	16QAM	1	37	22.13	22.12	22.19	22.10	22.06		
15	16QAM	1	74	21.99	22.19	22.13	22.09	22.17		
15	16QAM	36	0	21.15	21.19	21.24	21.13	21.17	22	1.5
15	16QAM	36	20	21.21	21.04	21.20	21.08	21.22		
15	16QAM	36	39	21.14	21.10	21.15	21.10	21.20		
15	16QAM	75	0	21.05	21.16	21.13	21.12	21.11		
15	64QAM	1	0	21.15	21.09	21.13	21.02	21.05	22	1.5
15	64QAM	1	37	21.08	21.16	21.12	21.11	21.16		
15	64QAM	1	74	20.94	21.13	21.12	21.06	21.09		
15	64QAM	36	0	20.20	20.08	20.25	20.20	20.12	21	2.5
15	64QAM	36	20	20.17	20.14	20.23	20.00	20.21		
15	64QAM	36	39	20.06	20.17	20.25	20.02	20.17		
15	64QAM	75	0	20.12	20.15	20.14	20.07	20.13		
15	256QAM	1	0	18.22	18.18	18.23	18.14	18.27	19	4.5
15	256QAM	1	37	18.18	18.11	18.19	18.16	18.09		
15	256QAM	1	74	18.08	18.21	18.05	18.10	18.15		
15	256QAM	36	0	18.00	18.12	18.17	18.07	18.14	19	4.5
15	256QAM	36	20	18.15	18.05	18.19	18.07	18.10		
15	256QAM	36	39	18.11	18.06	18.25	17.99	18.13		
15	256QAM	75	0	18.01	18.22	18.14	18.11	18.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.64	22.68	22.68	22.64	22.57	23.50	0
10	QPSK	1	25	22.49	22.60	22.57	22.56	22.49		
10	QPSK	1	49	22.61	22.67	22.59	22.57	22.52		
10	QPSK	25	0	22.16	22.24	22.23	22.20	22.24	23	0.5
10	QPSK	25	12	22.18	22.11	22.20	22.07	22.26		
10	QPSK	25	25	22.12	22.16	22.13	22.11	22.16		
10	QPSK	50	0	22.06	22.17	22.21	22.08	22.20		
10	16QAM	1	0	22.15	22.12	22.13	22.03	22.06	23	0.5
10	16QAM	1	25	22.08	22.15	22.14	22.01	22.13		
10	16QAM	1	49	21.99	22.13	22.05	22.06	22.16		
10	16QAM	25	0	21.19	21.20	21.19	21.10	21.15	22	1.5
10	16QAM	25	12	21.22	21.12	21.21	21.15	21.15		
10	16QAM	25	25	21.16	21.19	21.24	21.09	21.22		
10	16QAM	50	0	21.07	21.18	21.15	21.11	21.12		
10	64QAM	1	0	21.10	21.12	21.10	21.05	21.11	22	1.5
10	64QAM	1	25	21.16	21.08	21.20	21.17	21.16		
10	64QAM	1	49	20.96	21.18	21.07	21.14	21.13		
10	64QAM	25	0	20.18	20.19	20.20	20.20	20.17	21	2.5
10	64QAM	25	12	20.18	20.09	20.29	20.02	20.28		
10	64QAM	25	25	20.12	20.16	20.14	20.11	20.15		
10	64QAM	50	0	20.09	20.15	20.12	20.05	20.15		
10	256QAM	1	0	18.25	18.17	18.21	18.17	18.19	19	4.5
10	256QAM	1	25	18.25	18.11	18.16	18.08	18.15		
10	256QAM	1	49	18.04	18.31	18.09	18.11	18.14		
10	256QAM	25	0	18.06	18.14	18.19	18.18	18.13	19	4.5
10	256QAM	25	12	18.10	18.04	18.23	18.07	18.11		
10	256QAM	25	25	18.07	18.11	18.20	18.00	18.13		
10	256QAM	50	0	17.99	18.21	18.11	18.08	18.14		
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	22.68	22.67	22.71	22.65	22.60	23.50	0
5	QPSK	1	12	22.50	22.56	22.65	22.52	22.51		
5	QPSK	1	24	22.57	22.62	22.64	22.57	22.50		
5	QPSK	12	0	22.13	22.15	22.27	22.18	22.20	23	0.5
5	QPSK	12	7	22.15	22.10	22.26	22.10	22.20		
5	QPSK	12	13	22.09	22.14	22.20	22.05	22.20		
5	QPSK	25	0	22.11	22.18	22.14	22.07	22.18		
5	16QAM	1	0	22.13	22.13	22.13	22.08	22.11	23	0.5
5	16QAM	1	12	22.17	22.17	22.22	22.09	22.06		
5	16QAM	1	24	21.96	22.23	22.11	22.13	22.17		
5	16QAM	12	0	21.18	21.11	21.24	21.10	21.21	22	1.5
5	16QAM	12	7	21.16	21.12	21.26	21.17	21.15		
5	16QAM	12	13	21.15	21.17	21.24	21.10	21.17		
5	16QAM	25	0	21.13	21.25	21.17	21.17	21.08		
5	64QAM	1	0	21.07	21.17	21.19	21.11	21.11	22	1.5
5	64QAM	1	12	21.10	21.15	21.21	21.17	21.14		
5	64QAM	1	24	20.90	21.13	21.10	21.07	21.07		
5	64QAM	12	0	20.19	20.13	20.18	20.10	20.15	21	2.5
5	64QAM	12	7	20.25	20.11	20.21	19.99	20.30		
5	64QAM	12	13	20.07	20.28	20.20	20.11	20.16		
5	64QAM	25	0	20.11	20.17	20.18	20.02	20.08		
5	256QAM	1	0	18.21	18.09	18.23	18.20	18.18	19	4.5
5	256QAM	1	12	18.20	18.14	18.17	18.08	18.15		
5	256QAM	1	24	18.11	18.22	18.08	18.06	18.15		
5	256QAM	12	0	18.01	18.10	18.17	18.12	18.17	19	4.5
5	256QAM	12	7	18.15	18.12	18.19	17.98	18.07		
5	256QAM	12	13	18.09	18.05	18.20	18.02	18.16		
5	256QAM	25	0	17.98	18.20	18.14	18.10	18.16		

Reduced Power Mode for DSI1_ENDC

Band 2 other PA Ant 2 DSI 1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.54	14.57	14.52	15.5	0
20	QPSK	1	49	14.53	14.55	14.50		
20	QPSK	1	99	14.44	14.51	14.41		
20	QPSK	50	0	14.48	14.50	14.44	15.5	0
20	QPSK	50	24	14.44	14.42	14.33		
20	QPSK	50	50	14.38	14.50	14.32		
20	QPSK	100	0	14.46	14.52	14.40		
20	16QAM	1	0	14.46	14.39	14.37	15.5	0
20	16QAM	1	49	14.46	14.43	14.49		
20	16QAM	1	99	14.39	14.45	14.28		
20	16QAM	50	0	14.39	14.38	14.33	15.5	0
20	16QAM	50	24	14.38	14.27	14.35		
20	16QAM	50	50	14.33	14.44	14.22		
20	16QAM	100	0	14.36	14.43	14.31		
20	64QAM	1	0	14.49	14.42	14.36	15.5	0
20	64QAM	1	49	14.47	14.46	14.36		
20	64QAM	1	99	14.36	14.50	14.28		
20	64QAM	50	0	14.38	14.50	14.25	15.5	0
20	64QAM	50	24	14.30	14.31	14.24		
20	64QAM	50	50	14.20	14.38	14.33		
20	64QAM	100	0	14.46	14.45	14.34		
20	256QAM	1	0	14.45	14.43	14.43	15.5	0
20	256QAM	1	49	14.47	14.42	14.44		
20	256QAM	1	99	14.39	14.44	14.29		
20	256QAM	50	0	14.43	14.50	14.32	15.5	0
20	256QAM	50	24	14.34	14.31	14.32		
20	256QAM	50	50	14.31	14.33	14.31		
20	256QAM	100	0	14.31	14.48	14.35		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.50	14.52	14.46	15.5	0
15	QPSK	1	37	14.50	14.53	14.41		
15	QPSK	1	74	14.35	14.40	14.37		
15	QPSK	36	0	14.39	14.39	14.34	15.5	0
15	QPSK	36	20	14.34	14.38	14.29		
15	QPSK	36	39	14.37	14.39	14.30		
15	QPSK	75	0	14.35	14.41	14.37		
15	16QAM	1	0	14.38	14.29	14.34	15.5	0
15	16QAM	1	37	14.44	14.31	14.41		
15	16QAM	1	74	14.38	14.35	14.22		
15	16QAM	36	0	14.32	14.33	14.30	15.5	0
15	16QAM	36	20	14.28	14.27	14.28		
15	16QAM	36	39	14.22	14.43	14.13		
15	16QAM	75	0	14.29	14.32	14.31		
15	64QAM	1	0	14.43	14.37	14.29	15.5	0
15	64QAM	1	37	14.40	14.44	14.26		
15	64QAM	1	74	14.34	14.42	14.23		
15	64QAM	36	0	14.33	14.48	14.14	15.5	0
15	64QAM	36	20	14.19	14.20	14.13		
15	64QAM	36	39	14.13	14.28	14.30		
15	64QAM	75	0	14.45	14.41	14.34		
15	256QAM	1	0	14.34	14.37	14.42	15.5	0
15	256QAM	1	37	14.39	14.36	14.41		
15	256QAM	1	74	14.29	14.39	14.25		
15	256QAM	36	0	14.40	14.41	14.25	15.5	0
15	256QAM	36	20	14.32	14.27	14.27		
15	256QAM	36	39	14.23	14.26	14.24		
15	256QAM	75	0	14.25	14.45	14.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.48	14.50	14.47	15.5	0
10	QPSK	1	25	14.46	14.44	14.44		
10	QPSK	1	49	14.43	14.48	14.37		
10	QPSK	25	0	14.38	14.49	14.36	15.5	0
10	QPSK	25	12	14.41	14.34	14.25		
10	QPSK	25	25	14.33	14.43	14.28		
10	QPSK	50	0	14.39	14.40	14.32		
10	16QAM	1	0	14.36	14.33	14.27	15.5	0
10	16QAM	1	25	14.41	14.36	14.46		
10	16QAM	1	49	14.34	14.38	14.18		
10	16QAM	25	0	14.29	14.34	14.24	15.5	0
10	16QAM	25	12	14.30	14.26	14.34		
10	16QAM	25	25	14.29	14.35	14.11		
10	16QAM	50	0	14.29	14.32	14.20		
10	64QAM	1	0	14.40	14.37	14.30	15.5	0
10	64QAM	1	25	14.36	14.38	14.29		
10	64QAM	1	49	14.36	14.44	14.25		
10	64QAM	25	0	14.29	14.50	14.23	15.5	0
10	64QAM	25	12	14.27	14.28	14.17		
10	64QAM	25	25	14.14	14.31	14.28		
10	64QAM	50	0	14.44	14.36	14.25		
10	256QAM	1	0	14.39	14.40	14.39	15.5	0
10	256QAM	1	25	14.39	14.39	14.40		
10	256QAM	1	49	14.35	14.38	14.25		
10	256QAM	25	0	14.33	14.43	14.30	15.5	0
10	256QAM	25	12	14.30	14.20	14.32		
10	256QAM	25	25	14.20	14.24	14.22		
10	256QAM	50	0	14.20	14.47	14.31		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.44	14.52	14.42	15.5	0
5	QPSK	1	12	14.47	14.54	14.40		
5	QPSK	1	24	14.43	14.41	14.35		
5	QPSK	12	0	14.46	14.49	14.42	15.5	0
5	QPSK	12	7	14.37	14.31	14.22		
5	QPSK	12	13	14.29	14.40	14.25		
5	QPSK	25	0	14.36	14.51	14.34		
5	16QAM	1	0	14.38	14.36	14.35	15.5	0
5	16QAM	1	12	14.44	14.43	14.46		
5	16QAM	1	24	14.39	14.45	14.17		
5	16QAM	12	0	14.29	14.32	14.25	15.5	0
5	16QAM	12	7	14.35	14.21	14.28		
5	16QAM	12	13	14.22	14.34	14.16		
5	16QAM	25	0	14.26	14.39	14.23		
5	64QAM	1	0	14.43	14.39	14.25	15.5	0
5	64QAM	1	12	14.40	14.44	14.26		
5	64QAM	1	24	14.26	14.45	14.18		
5	64QAM	12	0	14.29	14.47	14.23	15.5	0
5	64QAM	12	7	14.25	14.24	14.13		
5	64QAM	12	13	14.13	14.36	14.33		
5	64QAM	25	0	14.35	14.39	14.32		
5	256QAM	1	0	14.38	14.41	14.37	15.5	0
5	256QAM	1	12	14.36	14.32	14.40		
5	256QAM	1	24	14.31	14.39	14.22		
5	256QAM	12	0	14.35	14.41	14.30	15.5	0
5	256QAM	12	7	14.24	14.27	14.24		
5	256QAM	12	13	14.21	14.29	14.20		
5	256QAM	25	0	14.20	14.40	14.30		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.54	14.51	14.49	15.5	0
3	QPSK	1	8	14.44	14.51	14.45		
3	QPSK	1	14	14.38	14.39	14.33		
3	QPSK	8	0	14.47	14.48	14.37	15.5	0
3	QPSK	8	4	14.42	14.39	14.31		
3	QPSK	8	7	14.28	14.44	14.22		
3	QPSK	15	0	14.36	14.41	14.40		
3	16QAM	1	0	14.36	14.35	14.36	15.5	0
3	16QAM	1	8	14.35	14.36	14.44		
3	16QAM	1	14	14.36	14.37	14.26		
3	16QAM	8	0	14.29	14.37	14.31	15.5	0
3	16QAM	8	4	14.33	14.17	14.35		
3	16QAM	8	7	14.26	14.35	14.15		
3	16QAM	15	0	14.25	14.37	14.28		
3	64QAM	1	0	14.40	14.32	14.31	15.5	0
3	64QAM	1	8	14.44	14.40	14.25		
3	64QAM	1	14	14.33	14.38	14.25		
3	64QAM	8	0	14.35	14.42	14.15	15.5	0
3	64QAM	8	4	14.23	14.20	14.20		
3	64QAM	8	7	14.17	14.26	14.28		
3	64QAM	15	0	14.40	14.40	14.29		
3	256QAM	1	0	14.39	14.35	14.35	15.5	0
3	256QAM	1	8	14.47	14.36	14.38		
3	256QAM	1	14	14.34	14.40	14.25		
3	256QAM	8	0	14.33	14.45	14.28	15.5	0
3	256QAM	8	4	14.24	14.21	14.31		
3	256QAM	8	7	14.24	14.21	14.26		
3	256QAM	15	0	14.30	14.37	14.32		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.48	14.53	14.50	15.5	0
1.4	QPSK	1	3	14.50	14.54	14.49		
1.4	QPSK	1	5	14.42	14.42	14.33		
1.4	QPSK	3	0	14.36	14.50	14.34		
1.4	QPSK	3	1	14.38	14.42	14.26		
1.4	QPSK	3	3	14.31	14.49	14.30		
1.4	QPSK	6	0	14.40	14.51	14.28	15.5	0
1.4	16QAM	1	0	14.37	14.27	14.26	15.5	0
1.4	16QAM	1	3	14.36	14.40	14.43		
1.4	16QAM	1	5	14.28	14.43	14.18		
1.4	16QAM	3	0	14.36	14.34	14.22		
1.4	16QAM	3	1	14.32	14.20	14.30		
1.4	16QAM	3	3	14.27	14.43	14.18		
1.4	16QAM	6	0	14.26	14.32	14.21	15.5	0
1.4	64QAM	1	0	14.38	14.32	14.35	15.5	0
1.4	64QAM	1	3	14.46	14.41	14.27		
1.4	64QAM	1	5	14.33	14.47	14.19		
1.4	64QAM	3	0	14.36	14.47	14.22		
1.4	64QAM	3	1	14.24	14.23	14.13		
1.4	64QAM	3	3	14.10	14.35	14.29		
1.4	64QAM	6	0	14.35	14.44	14.29	15.5	0
1.4	256QAM	1	0	14.37	14.41	14.35	15.5	0
1.4	256QAM	1	3	14.39	14.39	14.34		
1.4	256QAM	1	5	14.35	14.44	14.25		
1.4	256QAM	3	0	14.41	14.49	14.29		
1.4	256QAM	3	1	14.31	14.24	14.27		
1.4	256QAM	3	3	14.23	14.24	14.24		
1.4	256QAM	6	0	14.30	14.47	14.32	15.5	0

Band 4 other PA Ant 2 DSI 1 for ENDC

BW [MHz]	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	22.25	22.32	22.21	23	0
20	QPSK	1	49	22.24	22.30	22.16		
20	QPSK	1	99	22.17	22.30	22.14		
20	QPSK	50	0	22.27	22.25	22.16	23	0
20	QPSK	50	24	22.21	22.26	22.20		
20	QPSK	50	50	22.15	22.28	22.13		
20	QPSK	100	0	22.23	22.30	22.15		
20	16QAM	1	0	22.29	22.31	22.21	23	0
20	16QAM	1	49	22.16	22.24	22.07		
20	16QAM	1	99	22.17	22.31	22.05		
20	16QAM	50	0	21.24	21.30	21.14	22	1
20	16QAM	50	24	21.17	21.24	21.15		
20	16QAM	50	50	21.17	21.33	21.12		
20	16QAM	100	0	21.19	21.32	21.19		
20	64QAM	1	0	21.28	21.28	21.21	22	1
20	64QAM	1	49	21.15	21.29	21.14		
20	64QAM	1	99	21.19	21.22	21.08		
20	64QAM	50	0	20.24	20.27	20.11	21	2
20	64QAM	50	24	20.23	20.29	20.22		
20	64QAM	50	50	20.19	20.29	20.07		
20	64QAM	100	0	20.27	20.27	20.18		
20	256QAM	1	0	18.27	18.30	18.15	19	4
20	256QAM	1	49	18.20	18.35	18.16		
20	256QAM	1	99	18.19	18.25	18.05		
20	256QAM	50	0	18.22	18.26	18.11	19	4
20	256QAM	50	24	18.25	18.28	18.25		
20	256QAM	50	50	18.15	18.25	18.16		
20	256QAM	100	0	18.22	18.27	18.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.21	22.30	22.21	23	0
15	QPSK	1	37	22.12	22.26	22.05		
15	QPSK	1	74	22.06	22.21	22.10		
15	QPSK	36	0	22.17	22.15	22.08	23	0
15	QPSK	36	20	22.16	22.20	22.11		
15	QPSK	36	39	22.12	22.26	22.13		
15	QPSK	75	0	22.22	22.22	22.10		
15	16QAM	1	0	22.24	22.26	22.10	23	0
15	16QAM	1	37	22.09	22.18	22.00		
15	16QAM	1	74	22.15	22.20	21.99		
15	16QAM	36	0	21.19	21.27	21.05	22	1
15	16QAM	36	20	21.13	21.23	21.07		
15	16QAM	36	39	21.12	21.26	21.03		
15	16QAM	75	0	21.12	21.28	21.12		
15	64QAM	1	0	21.20	21.23	21.20	22	1
15	64QAM	1	37	21.09	21.24	21.09		
15	64QAM	1	74	21.12	21.12	21.08		
15	64QAM	36	0	20.18	20.26	20.02	21	2
15	64QAM	36	20	20.19	20.21	20.21		
15	64QAM	36	39	20.11	20.26	20.06		
15	64QAM	75	0	20.20	20.16	20.13		
15	256QAM	1	0	18.22	18.23	18.10	19	4
15	256QAM	1	37	18.19	18.32	18.09		
15	256QAM	1	74	18.16	18.15	18.01		
15	256QAM	36	0	18.21	18.17	18.04	19	4
15	256QAM	36	20	18.13	18.26	18.19		
15	256QAM	36	39	18.15	18.19	18.05		
15	256QAM	75	0	18.12	18.26	18.14		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.14	22.29	22.12	23	0
10	QPSK	1	25	22.12	22.27	22.10		
10	QPSK	1	49	22.15	22.24	22.06		
10	QPSK	25	0	22.21	22.24	22.15	23	0
10	QPSK	25	12	22.14	22.23	22.11		
10	QPSK	25	25	22.04	22.20	22.11		
10	QPSK	50	0	22.12	22.25	22.07		
10	16QAM	1	0	22.29	22.30	22.12	23	0
10	16QAM	1	25	22.10	22.21	21.98		
10	16QAM	1	49	22.08	22.28	21.96		
10	16QAM	25	0	21.13	21.28	21.07	22	1
10	16QAM	25	12	21.15	21.13	21.04		
10	16QAM	25	25	21.17	21.21	21.04		
10	16QAM	50	0	21.16	21.27	21.15		
10	64QAM	1	0	21.28	21.26	21.11	22	1
10	64QAM	1	25	21.08	21.19	21.03		
10	64QAM	1	49	21.19	21.21	21.02		
10	64QAM	25	0	20.14	20.26	20.00	21	2
10	64QAM	25	12	20.14	20.27	20.18		
10	64QAM	25	25	20.11	20.21	20.04		
10	64QAM	50	0	20.18	20.23	20.08		
10	256QAM	1	0	18.23	18.29	18.05	19	4
10	256QAM	1	25	18.18	18.27	18.11		
10	256QAM	1	49	18.11	18.20	18.03		
10	256QAM	25	0	18.18	18.26	18.08	19	4
10	256QAM	25	12	18.24	18.16	18.24		
10	256QAM	25	25	18.05	18.19	18.08		
10	256QAM	50	0	18.18	18.21	18.08		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.23	22.30	22.16	23	0
5	QPSK	1	12	22.22	22.26	22.13		
5	QPSK	1	24	22.14	22.29	22.14		
5	QPSK	12	0	22.26	22.25	22.06	23	0
5	QPSK	12	7	22.09	22.15	22.13		
5	QPSK	12	13	22.13	22.21	22.07		
5	QPSK	25	0	22.18	22.29	22.10		
5	16QAM	1	0	22.19	22.22	22.15	23	0
5	16QAM	1	12	22.09	22.16	22.06		
5	16QAM	1	24	22.13	22.22	22.02		
5	16QAM	12	0	21.14	21.25	21.06	22	1
5	16QAM	12	7	21.05	21.17	21.06		
5	16QAM	12	13	21.06	21.26	21.02		
5	16QAM	25	0	21.17	21.23	21.17		
5	64QAM	1	0	21.18	21.18	21.14	22	1
5	64QAM	1	12	21.06	21.17	21.14		
5	64QAM	1	24	21.07	21.21	20.97		
5	64QAM	12	0	20.22	20.24	20.07	21	2
5	64QAM	12	7	20.15	20.24	20.21		
5	64QAM	12	13	20.08	20.28	20.01		
5	64QAM	25	0	20.23	20.20	20.18		
5	256QAM	1	0	18.26	18.29	18.15	19	4
5	256QAM	1	12	18.10	18.23	18.05		
5	256QAM	1	24	18.17	18.14	18.01		
5	256QAM	12	0	18.12	18.17	18.03	19	4
5	256QAM	12	7	18.15	18.19	18.18		
5	256QAM	12	13	18.03	18.21	18.16		
5	256QAM	25	0	18.15	18.21	18.14		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.17	22.28	22.19	23	0
3	QPSK	1	8	22.22	22.25	22.04		
3	QPSK	1	14	22.07	22.30	22.08		
3	QPSK	8	0	22.21	22.22	22.09	23	0
3	QPSK	8	4	22.15	22.23	22.11		
3	QPSK	8	7	22.08	22.20	22.06		
3	QPSK	15	0	22.17	22.24	22.11		
3	16QAM	1	0	22.25	22.23	22.11	23	0
3	16QAM	1	8	22.16	22.23	21.98		
3	16QAM	1	14	22.07	22.30	22.04		
3	16QAM	8	0	21.17	21.21	21.02	22	1
3	16QAM	8	4	21.05	21.20	21.07		
3	16QAM	8	7	21.13	21.25	21.07		
3	16QAM	15	0	21.17	21.21	21.11		
3	64QAM	1	0	21.17	21.23	21.15	22	1
3	64QAM	1	8	21.13	21.27	21.12		
3	64QAM	1	14	21.19	21.18	21.05		
3	64QAM	8	0	20.16	20.19	20.00	21	2
3	64QAM	8	4	20.20	20.18	20.14		
3	64QAM	8	7	20.14	20.27	20.00		
3	64QAM	15	0	20.16	20.24	20.08		
3	256QAM	1	0	18.27	18.23	18.11	19	4
3	256QAM	1	8	18.13	18.29	18.06		
3	256QAM	1	14	18.19	18.20	17.97		
3	256QAM	8	0	18.20	18.15	18.00	19	4
3	256QAM	8	4	18.20	18.23	18.24		
3	256QAM	8	7	18.07	18.20	18.12		
3	256QAM	15	0	18.22	18.19	18.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.20	22.30	22.11	23	0
1.4	QPSK	1	3	22.17	22.24	22.11		
1.4	QPSK	1	5	22.16	22.20	22.12		
1.4	QPSK	3	0	22.23	22.26	22.20		
1.4	QPSK	3	1	22.18	22.20	22.08		
1.4	QPSK	3	3	22.06	22.20	22.08		
1.4	QPSK	6	0	22.27	22.23	22.07	23	0
1.4	16QAM	1	0	22.20	22.16	22.15	23	0
1.4	16QAM	1	3	22.14	22.17	22.04		
1.4	16QAM	1	5	22.18	22.29	22.10		
1.4	16QAM	3	0	22.24	22.26	22.19		
1.4	16QAM	3	1	22.14	22.13	21.98		
1.4	16QAM	3	3	22.09	22.27	22.02		
1.4	16QAM	6	0	21.16	21.26	21.03	22	1
1.4	64QAM	1	0	21.16	21.19	21.07	22	1
1.4	64QAM	1	3	21.09	21.23	21.11		
1.4	64QAM	1	5	21.18	21.28	21.08		
1.4	64QAM	3	0	21.24	21.16	21.16		
1.4	64QAM	3	1	21.10	21.22	21.02		
1.4	64QAM	3	3	21.15	21.17	20.98		
1.4	64QAM	6	0	20.24	20.27	20.06	21	2
1.4	256QAM	1	0	18.16	18.30	18.13	19	4
1.4	256QAM	1	3	18.13	18.31	18.11		
1.4	256QAM	1	5	18.09	18.25	17.95		
1.4	256QAM	3	0	18.21	18.23	18.10		
1.4	256QAM	3	1	18.22	18.26	18.22		
1.4	256QAM	3	3	18.11	18.25	18.15		
1.4	256QAM	6	0	18.18	18.22	18.13	19	4

Band 7 other PA Ant 2 DSI 1 for ENDC

BW [MHz]	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	20.25	20.29	20.20	21	0
20	QPSK	1	49	20.20	20.22	20.17		
20	QPSK	1	99	20.17	20.20	20.15		
20	QPSK	50	0	20.24	20.28	20.22	21	0
20	QPSK	50	24	20.16	20.24	20.20		
20	QPSK	50	50	20.16	20.28	20.13		
20	QPSK	100	0	20.12	20.20	20.10		
20	16QAM	1	0	20.15	20.24	20.24	21	0
20	16QAM	1	49	20.17	20.13	20.12		
20	16QAM	1	99	20.11	20.14	20.14		
20	16QAM	50	0	20.11	20.21	20.15	21	0
20	16QAM	50	24	20.16	20.12	20.22		
20	16QAM	50	50	20.03	20.16	20.15		
20	16QAM	100	0	20.13	20.15	20.10		
20	64QAM	1	0	20.21	20.26	20.23	21	0
20	64QAM	1	49	20.13	20.24	20.12		
20	64QAM	1	99	20.10	20.16	20.15		
20	64QAM	50	0	20.22	20.27	20.26	21	0
20	64QAM	50	24	20.14	20.20	20.28		
20	64QAM	50	50	20.11	20.25	20.18		
20	64QAM	100	0	20.14	20.21	20.12		
20	256QAM	1	0	18.20	18.26	18.20	19	2
20	256QAM	1	49	18.15	18.25	18.19		
20	256QAM	1	99	18.13	18.23	18.21		
20	256QAM	50	0	18.19	18.22	18.18	19	2
20	256QAM	50	24	18.19	18.25	18.21		
20	256QAM	50	50	18.17	18.22	18.20		
20	256QAM	100	0	18.15	18.23	18.11		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.14	20.24	20.10	21	0
15	QPSK	1	37	20.12	20.17	20.09		
15	QPSK	1	74	20.15	20.18	20.04		
15	QPSK	36	0	20.19	20.26	20.16	21	0
15	QPSK	36	20	20.05	20.21	20.19		
15	QPSK	36	39	20.12	20.19	20.02		
15	QPSK	75	0	20.02	20.19	20.09		
15	16QAM	1	0	20.12	20.28	20.18	21	0
15	16QAM	1	37	20.07	20.11	20.06		
15	16QAM	1	74	20.08	20.13	20.12		
15	16QAM	36	0	20.04	20.10	20.26	21	0
15	16QAM	36	20	20.09	20.04	20.16		
15	16QAM	36	39	19.98	20.14	20.05		
15	16QAM	75	0	20.12	20.08	20.03		
15	64QAM	1	0	20.16	20.26	20.22	21	0
15	64QAM	1	37	20.11	20.16	20.11		
15	64QAM	1	74	20.07	20.06	20.13		
15	64QAM	36	0	20.16	20.21	20.16	21	0
15	64QAM	36	20	20.07	20.19	20.22		
15	64QAM	36	39	20.08	20.23	20.09		
15	64QAM	75	0	20.10	20.09	20.01		
15	256QAM	1	0	18.15	18.26	18.17	19	2
15	256QAM	1	37	18.06	18.24	18.14		
15	256QAM	1	74	18.08	18.14	18.10		
15	256QAM	36	0	18.07	18.20	18.16	19	2
15	256QAM	36	20	18.19	18.16	18.13		
15	256QAM	36	39	18.16	18.21	18.11		
15	256QAM	75	0	18.06	18.19	18.09		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.22	20.24	20.13	21	0
10	QPSK	1	25	20.19	20.14	20.15		
10	QPSK	1	49	20.10	20.16	20.11		
10	QPSK	25	0	20.23	20.17	20.16	21	0
10	QPSK	25	12	20.06	20.18	20.10		
10	QPSK	25	25	20.14	20.17	20.12		
10	QPSK	50	0	20.06	20.19	20.02		
10	16QAM	1	0	20.08	20.20	20.15	21	0
10	16QAM	1	25	20.08	20.13	20.04		
10	16QAM	1	49	20.00	20.11	20.07		
10	16QAM	25	0	20.04	20.12	20.25	21	0
10	16QAM	25	12	20.15	20.10	20.19		
10	16QAM	25	25	19.99	20.08	20.12		
10	16QAM	50	0	20.09	20.05	20.07		
10	64QAM	1	0	20.10	20.19	20.20	21	0
10	64QAM	1	25	20.11	20.22	20.00		
10	64QAM	1	49	20.05	20.11	20.13		
10	64QAM	25	0	20.10	20.27	20.25	21	0
10	64QAM	25	12	20.09	20.11	20.22		
10	64QAM	25	25	20.06	20.16	20.15		
10	64QAM	50	0	20.09	20.13	20.08		
10	256QAM	1	0	18.13	18.18	18.09	19	2
10	256QAM	1	25	18.13	18.19	18.09		
10	256QAM	1	49	18.08	18.14	18.14		
10	256QAM	25	0	18.14	18.12	18.17	19	2
10	256QAM	25	12	18.12	18.15	18.15		
10	256QAM	25	25	18.15	18.21	18.18		
10	256QAM	50	0	18.04	18.22	18.10		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.13	20.24	20.10	21	0
5	QPSK	1	12	20.15	20.14	20.10		
5	QPSK	1	24	20.07	20.19	20.09		
5	QPSK	12	0	20.23	20.26	20.18	21	0
5	QPSK	12	7	20.14	20.20	20.15		
5	QPSK	12	13	20.10	20.24	20.12		
5	QPSK	25	0	20.03	20.14	20.04		
5	16QAM	1	0	20.14	20.22	20.22	21	0
5	16QAM	1	12	20.11	20.08	20.09		
5	16QAM	1	24	20.01	20.11	20.05		
5	16QAM	12	0	20.05	20.12	20.21	21	0
5	16QAM	12	7	20.05	20.06	20.13		
5	16QAM	12	13	19.95	20.06	20.04		
5	16QAM	25	0	20.07	20.04	20.09		
5	64QAM	1	0	20.17	20.16	20.23	21	0
5	64QAM	1	12	20.01	20.24	20.05		
5	64QAM	1	24	20.09	20.12	20.11		
5	64QAM	12	0	20.17	20.26	20.17	21	0
5	64QAM	12	7	20.08	20.15	20.27		
5	64QAM	12	13	20.05	20.18	20.11		
5	64QAM	25	0	20.10	20.13	20.06		
5	256QAM	1	0	18.17	18.25	18.19	19	2
5	256QAM	1	12	18.03	18.24	18.14		
5	256QAM	1	24	18.08	18.12	18.19		
5	256QAM	12	0	18.19	18.16	18.12	19	2
5	256QAM	12	7	18.07	18.25	18.20		
5	256QAM	12	13	18.16	18.16	18.14		
5	256QAM	25	0	18.10	18.22	18.08		

Band 66 other PA Ant 2 DSI 1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.30	22.40	22.28	23	0
20	QPSK	1	49	22.29	22.35	22.23		
20	QPSK	1	99	22.18	22.31	22.22		
20	QPSK	50	0	22.18	22.38	22.25	23	0
20	QPSK	50	24	22.19	22.35	22.30		
20	QPSK	50	50	22.22	22.33	22.18		
20	QPSK	100	0	22.17	22.35	22.27		
20	16QAM	1	0	22.22	22.39	22.25	23	0
20	16QAM	1	49	22.26	22.36	22.24		
20	16QAM	1	99	22.22	22.35	22.31		
20	16QAM	50	0	21.12	21.33	21.20	22	1
20	16QAM	50	24	21.22	21.37	21.27		
20	16QAM	50	50	21.20	21.32	21.24		
20	16QAM	100	0	21.18	21.34	21.29		
20	64QAM	1	0	21.29	21.36	21.24	22	1
20	64QAM	1	49	21.20	21.34	21.25		
20	64QAM	1	99	21.19	21.38	21.31		
20	64QAM	50	0	20.23	20.36	20.23	21	2
20	64QAM	50	24	20.16	20.31	20.33		
20	64QAM	50	50	20.28	20.36	20.15		
20	64QAM	100	0	20.19	20.38	20.27		
20	256QAM	1	0	18.18	18.37	18.23	19	4
20	256QAM	1	49	18.23	18.31	18.20		
20	256QAM	1	99	18.25	18.36	18.28		
20	256QAM	50	0	18.14	18.35	18.24	19	4
20	256QAM	50	24	18.21	18.33	18.28		
20	256QAM	50	50	18.23	18.39	18.14		
20	256QAM	100	0	18.19	18.30	18.31		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.28	22.38	22.20	23	0
15	QPSK	1	37	22.25	22.29	22.20		
15	QPSK	1	74	22.13	22.26	22.12		
15	QPSK	36	0	22.15	22.27	22.16	23	0
15	QPSK	36	20	22.11	22.24	22.20		
15	QPSK	36	39	22.19	22.21	22.11		
15	QPSK	75	0	22.05	22.25	22.16		
15	16QAM	1	0	22.21	22.36	22.17	23	0
15	16QAM	1	37	22.20	22.29	22.17		
15	16QAM	1	74	22.15	22.34	22.31		
15	16QAM	36	0	21.03	21.27	21.17	22	1
15	16QAM	36	20	21.22	21.28	21.17		
15	16QAM	36	39	21.10	21.27	21.13		
15	16QAM	75	0	21.16	21.25	21.28		
15	64QAM	1	0	21.26	21.28	21.17	22	1
15	64QAM	1	37	21.15	21.33	21.19		
15	64QAM	1	74	21.13	21.30	21.24		
15	64QAM	36	0	20.20	20.26	20.21	21	2
15	64QAM	36	20	20.06	20.31	20.30		
15	64QAM	36	39	20.27	20.29	20.08		
15	64QAM	75	0	20.09	20.28	20.19		
15	256QAM	1	0	18.15	18.33	18.21	19	4
15	256QAM	1	37	18.18	18.26	18.13		
15	256QAM	1	74	18.18	18.35	18.20		
15	256QAM	36	0	18.08	18.29	18.22	19	4
15	256QAM	36	20	18.14	18.28	18.18		
15	256QAM	36	39	18.12	18.37	18.13		
15	256QAM	75	0	18.15	18.24	18.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.20	22.35	22.23	23	0
10	QPSK	1	25	22.22	22.27	22.18		
10	QPSK	1	49	22.17	22.30	22.16		
10	QPSK	25	0	22.17	22.27	22.24	23	0
10	QPSK	25	12	22.10	22.31	22.24		
10	QPSK	25	25	22.20	22.33	22.15		
10	QPSK	50	0	22.08	22.28	22.20		
10	16QAM	1	0	22.15	22.33	22.20	23	0
10	16QAM	1	25	22.22	22.28	22.24		
10	16QAM	1	49	22.18	22.34	22.23		
10	16QAM	25	0	21.12	21.26	21.19	22	1
10	16QAM	25	12	21.18	21.26	21.26		
10	16QAM	25	25	21.13	21.23	21.17		
10	16QAM	50	0	21.09	21.33	21.21		
10	64QAM	1	0	21.23	21.32	21.16	22	1
10	64QAM	1	25	21.15	21.23	21.17		
10	64QAM	1	49	21.12	21.27	21.24		
10	64QAM	25	0	20.16	20.30	20.14	21	2
10	64QAM	25	12	20.04	20.25	20.25		
10	64QAM	25	25	20.21	20.31	20.14		
10	64QAM	50	0	20.11	20.34	20.24		
10	256QAM	1	0	18.11	18.26	18.18	19	4
10	256QAM	1	25	18.16	18.23	18.14		
10	256QAM	1	49	18.18	18.28	18.27		
10	256QAM	25	0	18.11	18.28	18.13	19	4
10	256QAM	25	12	18.14	18.28	18.19		
10	256QAM	25	25	18.15	18.33	18.11		
10	256QAM	50	0	18.13	18.24	18.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.24	22.37	22.21	23	0
5	QPSK	1	12	22.19	22.25	22.18		
5	QPSK	1	24	22.07	22.31	22.15		
5	QPSK	12	0	22.11	22.28	22.24	23	0
5	QPSK	12	7	22.16	22.28	22.25		
5	QPSK	12	13	22.20	22.26	22.18		
5	QPSK	25	0	22.09	22.24	22.16		
5	16QAM	1	0	22.11	22.29	22.15	23	0
5	16QAM	1	12	22.18	22.34	22.20		
5	16QAM	1	24	22.11	22.26	22.31		
5	16QAM	12	0	21.01	21.32	21.14	22	1
5	16QAM	12	7	21.19	21.28	21.15		
5	16QAM	12	13	21.14	21.21	21.22		
5	16QAM	25	0	21.13	21.27	21.27		
5	64QAM	1	0	21.23	21.31	21.16	22	1
5	64QAM	1	12	21.14	21.33	21.14		
5	64QAM	1	24	21.16	21.28	21.30		
5	64QAM	12	0	20.14	20.33	20.23	21	2
5	64QAM	12	7	20.15	20.30	20.32		
5	64QAM	12	13	20.22	20.27	20.13		
5	64QAM	25	0	20.08	20.37	20.25		
5	256QAM	1	0	18.07	18.34	18.15	19	4
5	256QAM	1	12	18.12	18.28	18.09		
5	256QAM	1	24	18.19	18.27	18.21		
5	256QAM	12	0	18.06	18.25	18.21	19	4
5	256QAM	12	7	18.13	18.26	18.24		
5	256QAM	12	13	18.22	18.35	18.12		
5	256QAM	25	0	18.15	18.24	18.23		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.23	22.38	22.21	23	0
3	QPSK	1	8	22.19	22.24	22.13		
3	QPSK	1	14	22.17	22.28	22.13		
3	QPSK	8	0	22.10	22.32	22.17	23	0
3	QPSK	8	4	22.13	22.28	22.28		
3	QPSK	8	7	22.20	22.30	22.10		
3	QPSK	15	0	22.12	22.26	22.16		
3	16QAM	1	0	22.18	22.36	22.22	23	0
3	16QAM	1	8	22.15	22.27	22.18		
3	16QAM	1	14	22.19	22.29	22.20		
3	16QAM	8	0	21.02	21.30	21.15	22	1
3	16QAM	8	4	21.22	21.30	21.21		
3	16QAM	8	7	21.17	21.27	21.16		
3	16QAM	15	0	21.12	21.31	21.21		
3	64QAM	1	0	21.23	21.29	21.17	22	1
3	64QAM	1	8	21.08	21.33	21.21		
3	64QAM	1	14	21.09	21.35	21.24		
3	64QAM	8	0	20.14	20.26	20.13	21	2
3	64QAM	8	4	20.11	20.23	20.23		
3	64QAM	8	7	20.24	20.34	20.06		
3	64QAM	15	0	20.10	20.37	20.16		
3	256QAM	1	0	18.10	18.35	18.12	19	4
3	256QAM	1	8	18.22	18.28	18.12		
3	256QAM	1	14	18.19	18.36	18.18		
3	256QAM	8	0	18.10	18.31	18.13	19	4
3	256QAM	8	4	18.18	18.28	18.16		
3	256QAM	8	7	18.20	18.36	18.11		
3	256QAM	15	0	18.11	18.26	18.22		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.23	22.35	22.21	23	0
1.4	QPSK	1	3	22.20	22.34	22.23		
1.4	QPSK	1	5	22.15	22.27	22.18		
1.4	QPSK	3	0	22.19	22.31	22.25		
1.4	QPSK	3	1	22.28	22.30	22.23		
1.4	QPSK	3	3	22.17	22.28	22.17		
1.4	QPSK	6	0	22.08	22.28	22.23	23	0
1.4	16QAM	1	0	22.17	22.24	22.29	23	0
1.4	16QAM	1	3	22.15	22.29	22.11		
1.4	16QAM	1	5	22.09	22.24	22.27		
1.4	16QAM	3	0	22.13	22.36	22.16		
1.4	16QAM	3	1	22.17	22.31	22.17		
1.4	16QAM	3	3	22.11	22.29	22.22		
1.4	16QAM	6	0	21.09	21.29	21.16	22	1
1.4	64QAM	1	0	21.12	21.37	21.22	22	1
1.4	64QAM	1	3	21.13	21.24	21.15		
1.4	64QAM	1	5	21.07	21.27	21.25		
1.4	64QAM	3	0	21.27	21.28	21.19		
1.4	64QAM	3	1	21.13	21.30	21.14		
1.4	64QAM	3	3	21.14	21.33	21.27		
1.4	64QAM	6	0	20.08	20.36	20.22	21	2
1.4	256QAM	1	0	18.18	18.35	18.11	19	4
1.4	256QAM	1	3	18.14	18.30	18.18		
1.4	256QAM	1	5	18.15	18.28	18.24		
1.4	256QAM	3	0	18.07	18.34	18.13		
1.4	256QAM	3	1	18.10	18.23	18.16		
1.4	256QAM	3	3	18.19	18.30	18.11		
1.4	256QAM	6	0	18.12	18.30	18.29	19	4

Band 38 other PA Ant 2 DSI 1 for ENDC

BW [MHz]	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	22.23	22.30	22.23	23	0
20	QPSK	1	49	22.24	22.25	22.14		
20	QPSK	1	99	22.14	22.24	22.16		
20	QPSK	50	0	22.23	22.24	22.22	23	0
20	QPSK	50	24	22.25	22.22	22.24		
20	QPSK	50	50	22.19	22.25	22.21		
20	QPSK	100	0	22.18	22.20	22.23		
20	16QAM	1	0	22.23	22.22	22.27	23	0
20	16QAM	1	49	22.18	22.22	22.24		
20	16QAM	1	99	22.17	22.23	22.18		
20	16QAM	50	0	21.19	21.30	21.27	22	1
20	16QAM	50	24	21.26	21.21	21.28		
20	16QAM	50	50	21.15	21.33	21.20		
20	16QAM	100	0	21.16	21.23	21.20		
20	64QAM	1	0	21.26	21.22	21.24	22	1
20	64QAM	1	49	21.21	21.28	21.19		
20	64QAM	1	99	21.23	21.22	21.15		
20	64QAM	50	0	20.27	20.29	20.27	21	2
20	64QAM	50	24	20.29	20.18	20.18		
20	64QAM	50	50	20.25	20.31	20.26		
20	64QAM	100	0	20.18	20.23	20.20		
20	256QAM	1	0	18.25	18.32	18.23	19	4
20	256QAM	1	49	18.25	18.21	18.21		
20	256QAM	1	99	18.22	18.25	18.13		
20	256QAM	50	0	18.23	18.25	18.27	19	4
20	256QAM	50	24	18.25	18.19	18.24		
20	256QAM	50	50	18.18	18.27	18.26		
20	256QAM	100	0	18.21	18.26	18.24		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.22	22.27	22.16	23	0
15	QPSK	1	37	22.21	22.24	22.03		
15	QPSK	1	74	22.06	22.16	22.12		
15	QPSK	36	0	22.22	22.20	22.22	23	0
15	QPSK	36	20	22.22	22.11	22.19		
15	QPSK	36	39	22.08	22.21	22.17		
15	QPSK	75	0	22.14	22.18	22.20		
15	16QAM	1	0	22.13	22.19	22.18	23	0
15	16QAM	1	37	22.11	22.12	22.14		
15	16QAM	1	74	22.17	22.20	22.16		
15	16QAM	36	0	21.17	21.25	21.25	22	1
15	16QAM	36	20	21.24	21.09	21.21		
15	16QAM	36	39	21.06	21.29	21.10		
15	16QAM	75	0	21.13	21.23	21.18		
15	64QAM	1	0	21.23	21.22	21.19	22	1
15	64QAM	1	37	21.21	21.18	21.09		
15	64QAM	1	74	21.22	21.20	21.06		
15	64QAM	36	0	20.20	20.26	20.21	21	2
15	64QAM	36	20	20.29	20.07	20.10		
15	64QAM	36	39	20.14	20.25	20.21		
15	64QAM	75	0	20.17	20.20	20.20		
15	256QAM	1	0	18.17	18.24	18.23	19	4
15	256QAM	1	37	18.25	18.12	18.17		
15	256QAM	1	74	18.20	18.14	18.11		
15	256QAM	36	0	18.23	18.16	18.17	19	4
15	256QAM	36	20	18.22	18.16	18.24		
15	256QAM	36	39	18.16	18.16	18.26		
15	256QAM	75	0	18.21	18.15	18.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.20	22.29	22.15	23	0
10	QPSK	1	25	22.23	22.25	22.10		
10	QPSK	1	49	22.02	22.19	22.09		
10	QPSK	25	0	22.16	22.13	22.13	23	0
10	QPSK	25	12	22.13	22.14	22.16		
10	QPSK	25	25	22.16	22.28	22.12		
10	QPSK	50	0	22.12	22.09	22.11		
10	16QAM	1	0	22.12	22.15	22.22	23	0
10	16QAM	1	25	22.12	22.19	22.17		
10	16QAM	1	49	22.10	22.16	22.12		
10	16QAM	25	0	21.10	21.24	21.26	22	1
10	16QAM	25	12	21.15	21.15	21.25		
10	16QAM	25	25	21.10	21.27	21.18		
10	16QAM	50	0	21.06	21.14	21.12		
10	64QAM	1	0	21.21	21.20	21.13	22	1
10	64QAM	1	25	21.14	21.16	21.19		
10	64QAM	1	49	21.14	21.21	21.14		
10	64QAM	25	0	20.20	20.26	20.20	21	2
10	64QAM	25	12	20.23	20.11	20.10		
10	64QAM	25	25	20.19	20.20	20.15		
10	64QAM	50	0	20.11	20.22	20.15		
10	256QAM	1	0	18.20	18.24	18.18	19	4
10	256QAM	1	25	18.25	18.15	18.19		
10	256QAM	1	49	18.15	18.20	18.02		
10	256QAM	25	0	18.16	18.20	18.20	19	4
10	256QAM	25	12	18.16	18.11	18.15		
10	256QAM	25	25	18.11	18.16	18.14		
10	256QAM	50	0	18.16	18.24	18.16		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.20	22.29	22.19	23	0
5	QPSK	1	12	22.24	22.23	22.07		
5	QPSK	1	24	22.07	22.18	22.12		
5	QPSK	12	0	22.21	22.14	22.19	23	0
5	QPSK	12	7	22.24	22.15	22.22		
5	QPSK	12	13	22.09	22.28	22.17		
5	QPSK	25	0	22.11	22.16	22.17		
5	16QAM	1	0	22.17	22.15	22.27	23	0
5	16QAM	1	12	22.09	22.21	22.14		
5	16QAM	1	24	22.16	22.22	22.10		
5	16QAM	12	0	21.16	21.18	21.17	22	1
5	16QAM	12	7	21.20	21.16	21.24		
5	16QAM	12	13	21.12	21.27	21.18		
5	16QAM	25	0	21.14	21.12	21.20		
5	64QAM	1	0	21.23	21.17	21.15	22	1
5	64QAM	1	12	21.15	21.25	21.18		
5	64QAM	1	24	21.20	21.22	21.05		
5	64QAM	12	0	20.25	20.23	20.26	21	2
5	64QAM	12	7	20.20	20.10	20.07		
5	64QAM	12	13	20.18	20.21	20.21		
5	64QAM	25	0	20.12	20.14	20.19		
5	256QAM	1	0	18.14	18.21	18.18	19	4
5	256QAM	1	12	18.23	18.16	18.17		
5	256QAM	1	24	18.14	18.15	18.09		
5	256QAM	12	0	18.16	18.14	18.21	19	4
5	256QAM	12	7	18.15	18.13	18.13		
5	256QAM	12	13	18.07	18.17	18.23		
5	256QAM	25	0	18.20	18.15	18.23		

Band 41 other PA Ant 2 DSI 1 for ENDC

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	22.66	22.73	22.79	22.76	22.74	23.5	0
20	QPSK	1	49	22.70	22.76	22.77	22.72	22.63		
20	QPSK	1	99	22.69	22.72	22.74	22.69	22.67		
20	QPSK	50	0	22.16	22.32	22.31	22.26	22.24	23	0.5
20	QPSK	50	24	22.19	22.28	22.30	22.34	22.20		
20	QPSK	50	50	22.21	22.29	22.29	22.21	22.16		
20	QPSK	100	0	22.15	22.22	22.26	22.25	22.12		
20	16QAM	1	0	22.26	22.33	22.28	22.30	22.28	23	0.5
20	16QAM	1	49	22.30	22.22	22.33	22.17	22.24		
20	16QAM	1	99	22.15	22.30	22.28	22.31	22.15		
20	16QAM	50	0	21.16	21.34	21.28	21.21	21.22	22	1.5
20	16QAM	50	24	21.22	21.30	21.25	21.30	21.24		
20	16QAM	50	50	21.19	21.35	21.24	21.27	21.18		
20	16QAM	100	0	21.17	21.23	21.24	21.20	21.16		
20	64QAM	1	0	21.25	21.28	21.30	21.32	21.20	22	1.5
20	64QAM	1	49	21.30	21.32	21.30	21.24	21.24		
20	64QAM	1	99	21.25	21.24	21.33	21.19	21.11		
20	64QAM	50	0	20.12	20.32	20.37	20.21	20.27	21	2.5
20	64QAM	50	24	20.22	20.26	20.25	20.35	20.21		
20	64QAM	50	50	20.24	20.25	20.24	20.17	20.12		
20	64QAM	100	0	20.19	20.24	20.29	20.31	20.17		
20	256QAM	1	0	18.18	18.27	18.27	18.32	18.22	19	4.5
20	256QAM	1	49	18.23	18.21	18.26	18.26	18.19		
20	256QAM	1	99	18.20	18.30	18.24	18.29	18.13		
20	256QAM	50	0	18.17	18.33	18.30	18.26	18.19	19	4.5
20	256QAM	50	24	18.14	18.26	18.35	18.35	18.26		
20	256QAM	50	50	18.19	18.29	18.31	18.21	18.17		
20	256QAM	100	0	18.18	18.24	18.26	18.26	18.14		
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	22.61	22.70	22.77	22.71	22.72	23.50	0
15	QPSK	1	37	22.60	22.71	22.67	22.60	22.63		
15	QPSK	1	74	22.62	22.64	22.63	22.60	22.60		
15	QPSK	36	0	22.11	22.32	22.28	22.24	22.17	23	0.5
15	QPSK	36	20	22.09	22.21	22.23	22.28	22.12		
15	QPSK	36	39	22.16	22.20	22.23	22.11	22.05		
15	QPSK	75	0	22.10	22.14	22.21	22.16	22.02		
15	16QAM	1	0	22.18	22.24	22.26	22.29	22.18	23	0.5
15	16QAM	1	37	22.26	22.19	22.29	22.14	22.16		
15	16QAM	1	74	22.12	22.29	22.26	22.22	22.12		
15	16QAM	36	0	21.15	21.24	21.22	21.09	21.18	22	1.5
15	16QAM	36	20	21.14	21.19	21.14	21.19	21.15		
15	16QAM	36	39	21.11	21.32	21.13	21.23	21.15		
15	16QAM	75	0	21.15	21.19	21.17	21.11	21.04		
15	64QAM	1	0	21.24	21.22	21.21	21.26	21.12	22	1.5
15	64QAM	1	37	21.26	21.26	21.27	21.13	21.22		
15	64QAM	1	74	21.15	21.23	21.32	21.14	21.07		
15	64QAM	36	0	20.10	20.22	20.36	20.12	20.24	21	2.5
15	64QAM	36	20	20.16	20.16	20.16	20.32	20.19		
15	64QAM	36	39	20.13	20.18	20.13	20.16	20.02		
15	64QAM	75	0	20.17	20.15	20.20	20.28	20.17		
15	256QAM	1	0	18.17	18.24	18.24	18.32	18.21	19	4.5
15	256QAM	1	37	18.22	18.19	18.22	18.26	18.16		
15	256QAM	1	74	18.11	18.26	18.21	18.20	18.05		
15	256QAM	36	0	18.08	18.27	18.29	18.15	18.12	19	4.5
15	256QAM	36	20	18.13	18.24	18.33	18.32	18.16		
15	256QAM	36	39	18.11	18.20	18.25	18.17	18.12		
15	256QAM	75	0	18.18	18.23	18.16	18.18	18.09		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.57	22.64	22.74	22.75	22.68	23.50	0
10	QPSK	1	25	22.65	22.67	22.65	22.66	22.54		
10	QPSK	1	49	22.60	22.69	22.62	22.64	22.59		
10	QPSK	25	0	22.15	22.30	22.20	22.15	22.12	23	0.5
10	QPSK	25	12	22.17	22.18	22.29	22.32	22.10		
10	QPSK	25	25	22.17	22.18	22.19	22.20	22.12		
10	QPSK	50	0	22.06	22.12	22.21	22.15	22.04		
10	16QAM	1	0	22.16	22.27	22.18	22.22	22.27	23	0.5
10	16QAM	1	25	22.21	22.15	22.28	22.06	22.17		
10	16QAM	1	49	22.11	22.19	22.21	22.23	22.04		
10	16QAM	25	0	21.10	21.29	21.23	21.19	21.20	22	1.5
10	16QAM	25	12	21.18	21.23	21.22	21.22	21.18		
10	16QAM	25	25	21.18	21.29	21.18	21.23	21.12		
10	16QAM	50	0	21.12	21.18	21.21	21.08	21.06		
10	64QAM	1	0	21.18	21.24	21.20	21.30	21.12	22	1.5
10	64QAM	1	25	21.27	21.22	21.26	21.12	21.22		
10	64QAM	1	49	21.16	21.12	21.24	21.07	20.99		
10	64QAM	25	0	20.03	20.23	20.26	20.19	20.19	21	2.5
10	64QAM	25	12	20.16	20.18	20.20	20.24	20.18		
10	64QAM	25	25	20.22	20.22	20.22	20.07	20.03		
10	64QAM	50	0	20.15	20.14	20.24	20.23	20.10		
10	256QAM	1	0	18.08	18.21	18.26	18.32	18.12	19	4.5
10	256QAM	1	25	18.12	18.10	18.16	18.22	18.09		
10	256QAM	1	49	18.16	18.21	18.13	18.28	18.03		
10	256QAM	25	0	18.14	18.24	18.22	18.22	18.19	19	4.5
10	256QAM	25	12	18.11	18.24	18.34	18.30	18.22		
10	256QAM	25	25	18.09	18.18	18.23	18.15	18.12		
10	256QAM	50	0	18.14	18.16	18.23	18.16	18.05		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.64	22.71	22.77	22.73	22.68	23.50	0
5	QPSK	1	12	22.63	22.65	22.72	22.68	22.57		
5	QPSK	1	24	22.63	22.68	22.63	22.62	22.61		
5	QPSK	12	0	22.12	22.22	22.25	22.17	22.13	23	0.5
5	QPSK	12	7	22.10	22.22	22.21	22.29	22.12		
5	QPSK	12	13	22.13	22.20	22.19	22.11	22.09		
5	QPSK	25	0	22.09	22.22	22.22	22.24	22.03		
5	16QAM	1	0	22.21	22.26	22.27	22.26	22.16	23	0.5
5	16QAM	1	12	22.29	22.21	22.31	22.11	22.13		
5	16QAM	1	24	22.13	22.28	22.26	22.22	22.08		
5	16QAM	12	0	21.15	21.30	21.22	21.14	21.14	22	1.5
5	16QAM	12	7	21.18	21.20	21.17	21.19	21.20		
5	16QAM	12	13	21.12	21.34	21.15	21.22	21.08		
5	16QAM	25	0	21.15	21.17	21.14	21.14	21.10		
5	64QAM	1	0	21.17	21.24	21.23	21.29	21.16	22	1.5
5	64QAM	1	12	21.19	21.27	21.22	21.21	21.14		
5	64QAM	1	24	21.16	21.20	21.28	21.17	21.00		
5	64QAM	12	0	20.06	20.30	20.37	20.16	20.25	21	2.5
5	64QAM	12	7	20.16	20.26	20.24	20.25	20.13		
5	64QAM	12	13	20.22	20.22	20.20	20.06	20.05		
5	64QAM	25	0	20.16	20.12	20.29	20.29	20.16		
5	256QAM	1	0	18.16	18.23	18.18	18.26	18.16	19	4.5
5	256QAM	1	12	18.22	18.19	18.18	18.17	18.09		
5	256QAM	1	24	18.08	18.28	18.17	18.24	18.11		
5	256QAM	12	0	18.14	18.23	18.21	18.22	18.07	19	4.5
5	256QAM	12	7	18.12	18.23	18.24	18.30	18.19		
5	256QAM	12	13	18.16	18.19	18.22	18.12	18.09		
5	256QAM	25	0	18.09	18.15	18.21	18.16	18.08		

Reduced Power Mode for DSI2

Band 2 other PA Ant 2 DSI 2

BW [MHz]	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	19.04	19.06	18.99	20	0
20	QPSK	1	49	18.93	18.92	18.87		
20	QPSK	1	99	18.91	18.95	18.92		
20	QPSK	50	0	18.97	19.00	18.86	20	0
20	QPSK	50	24	18.92	18.96	18.94		
20	QPSK	50	50	18.93	18.93	18.88		
20	QPSK	100	0	18.95	18.97	18.89		
20	16QAM	1	0	18.97	18.94	18.89	20	0
20	16QAM	1	49	18.83	18.86	18.85		
20	16QAM	1	99	18.87	18.84	18.80		
20	16QAM	50	0	18.86	18.90	18.81	20	0
20	16QAM	50	24	18.82	18.88	18.88		
20	16QAM	50	50	18.87	18.82	18.79		
20	16QAM	100	0	18.85	18.87	18.78		
20	64QAM	1	0	19.01	18.93	18.94	20	0
20	64QAM	1	49	18.86	18.88	18.82		
20	64QAM	1	99	18.87	18.93	18.82		
20	64QAM	50	0	18.84	18.92	18.75	20	0
20	64QAM	50	24	18.84	18.83	18.80		
20	64QAM	50	50	18.89	18.85	18.83		
20	64QAM	100	0	18.92	18.87	18.78		
20	256QAM	1	0	18.05	18.09	17.96	19	1
20	256QAM	1	49	17.92	17.96	17.88		
20	256QAM	1	99	17.92	17.92	17.87		
20	256QAM	50	0	18.02	18.00	17.81	19	1
20	256QAM	50	24	17.95	18.00	17.95		
20	256QAM	50	50	17.93	17.92	17.85		
20	256QAM	100	0	17.91	17.98	17.85		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.91	18.92	18.85	20	0
15	QPSK	1	37	18.89	18.83	18.76		
15	QPSK	1	74	18.79	18.87	18.87		
15	QPSK	36	0	18.86	18.92	18.79	20	0
15	QPSK	36	20	18.89	18.90	18.86		
15	QPSK	36	39	18.91	18.79	18.81		
15	QPSK	75	0	18.82	18.85	18.83		
15	16QAM	1	0	18.95	18.91	18.80	20	0
15	16QAM	1	37	18.74	18.81	18.74		
15	16QAM	1	74	18.83	18.73	18.78		
15	16QAM	36	0	18.76	18.78	18.71	20	0
15	16QAM	36	20	18.69	18.76	18.81		
15	16QAM	36	39	18.82	18.71	18.71		
15	16QAM	75	0	18.80	18.79	18.66		
15	64QAM	1	0	18.92	18.91	18.87	20	0
15	64QAM	1	37	18.73	18.85	18.71		
15	64QAM	1	74	18.74	18.89	18.77		
15	64QAM	36	0	18.73	18.81	18.70	20	0
15	64QAM	36	20	18.78	18.76	18.67		
15	64QAM	36	39	18.84	18.73	18.76		
15	64QAM	75	0	18.86	18.79	18.69		
15	256QAM	1	0	17.98	17.96	17.92	19	1
15	256QAM	1	37	17.86	17.84	17.85		
15	256QAM	1	74	17.80	17.81	17.81		
15	256QAM	36	0	17.93	17.87	17.79	19	1
15	256QAM	36	20	17.83	17.89	17.92		
15	256QAM	36	39	17.81	17.86	17.82		
15	256QAM	75	0	17.77	17.88	17.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.01	19.04	18.89	20	0
10	QPSK	1	25	18.83	18.85	18.81		
10	QPSK	1	49	18.83	18.87	18.82		
10	QPSK	25	0	18.92	18.87	18.82	20	0
10	QPSK	25	12	18.79	18.90	18.90		
10	QPSK	25	25	18.86	18.85	18.79		
10	QPSK	50	0	18.85	18.95	18.82		
10	16QAM	1	0	18.92	18.90	18.76	20	0
10	16QAM	1	25	18.70	18.83	18.78		
10	16QAM	1	49	18.75	18.76	18.69		
10	16QAM	25	0	18.78	18.84	18.69	20	0
10	16QAM	25	12	18.72	18.83	18.79		
10	16QAM	25	25	18.82	18.78	18.71		
10	16QAM	50	0	18.77	18.84	18.74		
10	64QAM	1	0	18.87	18.90	18.81	20	0
10	64QAM	1	25	18.78	18.75	18.72		
10	64QAM	1	49	18.75	18.82	18.68		
10	64QAM	25	0	18.78	18.86	18.62	20	0
10	64QAM	25	12	18.73	18.71	18.78		
10	64QAM	25	25	18.79	18.81	18.71		
10	64QAM	50	0	18.80	18.81	18.75		
10	256QAM	1	0	18.00	17.95	17.92	19	1
10	256QAM	1	25	17.80	17.83	17.85		
10	256QAM	1	49	17.83	17.90	17.80		
10	256QAM	25	0	17.96	17.97	17.76	19	1
10	256QAM	25	12	17.86	17.95	17.81		
10	256QAM	25	25	17.90	17.87	17.72		
10	256QAM	50	0	17.79	17.89	17.75		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.93	18.93	18.89	20	0
5	QPSK	1	12	18.88	18.83	18.83		
5	QPSK	1	24	18.78	18.91	18.83		
5	QPSK	12	0	18.93	18.97	18.79	20	0
5	QPSK	12	7	18.82	18.88	18.85		
5	QPSK	12	13	18.89	18.80	18.83		
5	QPSK	25	0	18.90	18.84	18.83		
5	16QAM	1	0	18.87	18.83	18.80	20	0
5	16QAM	1	12	18.75	18.78	18.71		
5	16QAM	1	24	18.84	18.74	18.76		
5	16QAM	12	0	18.81	18.80	18.79	20	0
5	16QAM	12	7	18.76	18.85	18.75		
5	16QAM	12	13	18.82	18.74	18.74		
5	16QAM	25	0	18.82	18.77	18.64		
5	64QAM	1	0	18.88	18.87	18.84	20	0
5	64QAM	1	12	18.81	18.84	18.79		
5	64QAM	1	24	18.83	18.79	18.72		
5	64QAM	12	0	18.82	18.88	18.68	20	0
5	64QAM	12	7	18.73	18.72	18.69		
5	64QAM	12	13	18.83	18.77	18.71		
5	64QAM	25	0	18.87	18.80	18.65		
5	256QAM	1	0	17.97	18.01	17.85	19	1
5	256QAM	1	12	17.83	17.94	17.82		
5	256QAM	1	24	17.81	17.82	17.82		
5	256QAM	12	0	17.92	17.90	17.78	19	1
5	256QAM	12	7	17.90	17.91	17.84		
5	256QAM	12	13	17.87	17.82	17.74		
5	256QAM	25	0	17.82	17.94	17.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.98	18.92	18.88	20	0
3	QPSK	1	8	18.84	18.88	18.77		
3	QPSK	1	14	18.83	18.81	18.78		
3	QPSK	8	0	18.91	18.95	18.79	20	0
3	QPSK	8	4	18.82	18.91	18.82		
3	QPSK	8	7	18.85	18.88	18.81		
3	QPSK	15	0	18.87	18.93	18.85		
3	16QAM	1	0	18.93	18.86	18.78	20	0
3	16QAM	1	8	18.77	18.82	18.77		
3	16QAM	1	14	18.75	18.76	18.71		
3	16QAM	8	0	18.82	18.88	18.75	20	0
3	16QAM	8	4	18.76	18.84	18.85		
3	16QAM	8	7	18.80	18.79	18.66		
3	16QAM	15	0	18.76	18.74	18.71		
3	64QAM	1	0	18.91	18.85	18.89	20	0
3	64QAM	1	8	18.76	18.79	18.69		
3	64QAM	1	14	18.77	18.86	18.76		
3	64QAM	8	0	18.77	18.86	18.65	20	0
3	64QAM	8	4	18.71	18.75	18.72		
3	64QAM	8	7	18.85	18.76	18.77		
3	64QAM	15	0	18.83	18.74	18.66		
3	256QAM	1	0	17.96	18.06	17.90	19	1
3	256QAM	1	8	17.83	17.89	17.86		
3	256QAM	1	14	17.89	17.81	17.79		
3	256QAM	8	0	17.99	17.87	17.72	19	1
3	256QAM	8	4	17.83	17.95	17.92		
3	256QAM	8	7	17.87	17.79	17.78		
3	256QAM	15	0	17.79	17.92	17.79		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.97	18.94	18.88	20	0
1.4	QPSK	1	3	18.90	18.89	18.75		
1.4	QPSK	1	5	18.79	18.82	18.79		
1.4	QPSK	3	0	18.91	18.90	18.78		
1.4	QPSK	3	1	18.89	18.88	18.82		
1.4	QPSK	3	3	18.88	18.83	18.83		
1.4	QPSK	6	0	18.84	18.91	18.76	20	0
1.4	16QAM	1	0	18.91	18.87	18.78	20	0
1.4	16QAM	1	3	18.73	18.78	18.74		
1.4	16QAM	1	5	18.73	18.73	18.71		
1.4	16QAM	3	0	18.80	18.76	18.76		
1.4	16QAM	3	1	18.74	18.76	18.84		
1.4	16QAM	3	3	18.84	18.78	18.68		
1.4	16QAM	6	0	18.83	18.84	18.65	20	0
1.4	64QAM	1	0	18.98	18.80	18.90	20	0
1.4	64QAM	1	3	18.78	18.82	18.69		
1.4	64QAM	1	5	18.83	18.80	18.71		
1.4	64QAM	3	0	18.81	18.81	18.67		
1.4	64QAM	3	1	18.81	18.78	18.76		
1.4	64QAM	3	3	18.83	18.80	18.70		
1.4	64QAM	6	0	18.79	18.73	18.67	20	0
1.4	256QAM	1	0	17.95	17.98	17.92	19	1
1.4	256QAM	1	3	17.86	17.92	17.80		
1.4	256QAM	1	5	17.89	17.81	17.79		
1.4	256QAM	3	0	17.99	17.90	17.79		
1.4	256QAM	3	1	17.88	17.92	17.93		
1.4	256QAM	3	3	17.82	17.87	17.77		
1.4	256QAM	6	0	17.86	17.92	17.77	19	1

Band 4 other PA Ant 2 DSI 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.26	23.30	23.20	24	0
20	QPSK	1	49	23.21	23.29	23.12		
20	QPSK	1	99	23.22	23.27	23.08		
20	QPSK	50	0	22.27	22.25	22.16	23	1
20	QPSK	50	24	22.21	22.26	22.20		
20	QPSK	50	50	22.15	22.28	22.13		
20	QPSK	100	0	22.23	22.30	22.15		
20	16QAM	1	0	22.29	22.33	22.21	23	1
20	16QAM	1	49	22.16	22.24	22.07		
20	16QAM	1	99	22.17	22.31	22.05		
20	16QAM	50	0	21.24	21.30	21.14	22	2
20	16QAM	50	24	21.17	21.24	21.15		
20	16QAM	50	50	21.17	21.33	21.12		
20	16QAM	100	0	21.19	21.32	21.19		
20	64QAM	1	0	21.28	21.28	21.21	22	2
20	64QAM	1	49	21.15	21.29	21.14		
20	64QAM	1	99	21.19	21.22	21.08		
20	64QAM	50	0	20.24	20.27	20.11	21	3
20	64QAM	50	24	20.23	20.29	20.22		
20	64QAM	50	50	20.19	20.29	20.07		
20	64QAM	100	0	20.27	20.27	20.18		
20	256QAM	1	0	18.27	18.30	18.15	19	5
20	256QAM	1	49	18.20	18.35	18.16		
20	256QAM	1	99	18.19	18.25	18.05		
20	256QAM	50	0	18.22	18.26	18.11	19	5
20	256QAM	50	24	18.25	18.28	18.25		
20	256QAM	50	50	18.15	18.25	18.16		
20	256QAM	100	0	18.22	18.27	18.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.19	23.29	23.09	24	0
15	QPSK	1	37	23.15	23.27	23.03		
15	QPSK	1	74	23.11	23.23	23.01		
15	QPSK	36	0	22.17	22.15	22.08	23	1
15	QPSK	36	20	22.16	22.20	22.11		
15	QPSK	36	39	22.12	22.26	22.13		
15	QPSK	75	0	22.22	22.22	22.10		
15	16QAM	1	0	22.24	22.26	22.10	23	1
15	16QAM	1	37	22.09	22.18	22.00		
15	16QAM	1	74	22.15	22.20	21.99		
15	16QAM	36	0	21.19	21.27	21.05	22	2
15	16QAM	36	20	21.13	21.23	21.07		
15	16QAM	36	39	21.12	21.26	21.03		
15	16QAM	75	0	21.12	21.28	21.12		
15	64QAM	1	0	21.20	21.23	21.20	22	2
15	64QAM	1	37	21.09	21.24	21.09		
15	64QAM	1	74	21.12	21.12	21.08		
15	64QAM	36	0	20.18	20.26	20.02	21	3
15	64QAM	36	20	20.19	20.21	20.21		
15	64QAM	36	39	20.11	20.26	20.06		
15	64QAM	75	0	20.20	20.16	20.13		
15	256QAM	1	0	18.22	18.23	18.10	19	5
15	256QAM	1	37	18.19	18.32	18.09		
15	256QAM	1	74	18.16	18.15	18.01		
15	256QAM	36	0	18.21	18.17	18.04	19	5
15	256QAM	36	20	18.13	18.26	18.19		
15	256QAM	36	39	18.15	18.19	18.05		
15	256QAM	75	0	18.12	18.26	18.14		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.14	23.29	23.08	24	0
10	QPSK	1	25	23.19	23.26	23.05		
10	QPSK	1	49	23.21	23.20	23.03		
10	QPSK	25	0	22.21	22.24	22.15	23	1
10	QPSK	25	12	22.14	22.23	22.11		
10	QPSK	25	25	22.04	22.20	22.11		
10	QPSK	50	0	22.12	22.25	22.07		
10	16QAM	1	0	22.29	22.30	22.12	23	1
10	16QAM	1	25	22.10	22.21	21.98		
10	16QAM	1	49	22.08	22.28	21.96		
10	16QAM	25	0	21.13	21.28	21.07	22	2
10	16QAM	25	12	21.15	21.13	21.04		
10	16QAM	25	25	21.17	21.21	21.04		
10	16QAM	50	0	21.16	21.27	21.15		
10	64QAM	1	0	21.28	21.26	21.11	22	2
10	64QAM	1	25	21.08	21.19	21.03		
10	64QAM	1	49	21.19	21.21	21.02		
10	64QAM	25	0	20.14	20.26	20.00	21	3
10	64QAM	25	12	20.14	20.27	20.18		
10	64QAM	25	25	20.11	20.21	20.04		
10	64QAM	50	0	20.18	20.23	20.08		
10	256QAM	1	0	18.23	18.29	18.05	19	5
10	256QAM	1	25	18.18	18.27	18.11		
10	256QAM	1	49	18.11	18.20	18.03		
10	256QAM	25	0	18.18	18.26	18.08	19	5
10	256QAM	25	12	18.24	18.16	18.24		
10	256QAM	25	25	18.05	18.19	18.08		
10	256QAM	50	0	18.18	18.21	18.08		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.19	23.27	23.13	24	0
5	QPSK	1	12	23.15	23.24	23.05		
5	QPSK	1	24	23.17	23.21	23.05		
5	QPSK	12	0	22.26	22.25	22.06	23	1
5	QPSK	12	7	22.09	22.15	22.13		
5	QPSK	12	13	22.13	22.21	22.07		
5	QPSK	25	0	22.18	22.29	22.10		
5	16QAM	1	0	22.19	22.22	22.15	23	1
5	16QAM	1	12	22.09	22.16	22.06		
5	16QAM	1	24	22.13	22.22	22.02		
5	16QAM	12	0	21.14	21.25	21.06	22	2
5	16QAM	12	7	21.05	21.17	21.06		
5	16QAM	12	13	21.06	21.26	21.02		
5	16QAM	25	0	21.17	21.23	21.17		
5	64QAM	1	0	21.18	21.18	21.14	22	2
5	64QAM	1	12	21.06	21.17	21.14		
5	64QAM	1	24	21.07	21.21	20.97		
5	64QAM	12	0	20.22	20.24	20.07	21	3
5	64QAM	12	7	20.15	20.24	20.21		
5	64QAM	12	13	20.08	20.28	20.01		
5	64QAM	25	0	20.23	20.20	20.18		
5	256QAM	1	0	18.26	18.29	18.15	19	5
5	256QAM	1	12	18.10	18.23	18.05		
5	256QAM	1	24	18.17	18.14	18.01		
5	256QAM	12	0	18.12	18.17	18.03	19	5
5	256QAM	12	7	18.15	18.19	18.18		
5	256QAM	12	13	18.03	18.21	18.16		
5	256QAM	25	0	18.15	18.21	18.14		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.16	23.25	23.15	24	0
3	QPSK	1	8	23.10	23.21	23.05		
3	QPSK	1	14	23.20	23.17	23.04		
3	QPSK	8	0	22.21	22.22	22.09	23	1
3	QPSK	8	4	22.15	22.23	22.11		
3	QPSK	8	7	22.08	22.20	22.06		
3	QPSK	15	0	22.17	22.24	22.11		
3	16QAM	1	0	22.25	22.23	22.11	23	1
3	16QAM	1	8	22.16	22.23	21.98		
3	16QAM	1	14	22.07	22.30	22.04		
3	16QAM	8	0	21.17	21.21	21.02	22	2
3	16QAM	8	4	21.05	21.20	21.07		
3	16QAM	8	7	21.13	21.25	21.07		
3	16QAM	15	0	21.17	21.21	21.11		
3	64QAM	1	0	21.17	21.23	21.15	22	2
3	64QAM	1	8	21.13	21.27	21.12		
3	64QAM	1	14	21.19	21.18	21.05		
3	64QAM	8	0	20.16	20.19	20.00	21	3
3	64QAM	8	4	20.20	20.18	20.14		
3	64QAM	8	7	20.14	20.27	20.00		
3	64QAM	15	0	20.16	20.24	20.08		
3	256QAM	1	0	18.27	18.23	18.11	19	5
3	256QAM	1	8	18.13	18.29	18.06		
3	256QAM	1	14	18.19	18.20	17.97		
3	256QAM	8	0	18.20	18.15	18.00	19	5
3	256QAM	8	4	18.20	18.23	18.24		
3	256QAM	8	7	18.07	18.20	18.12		
3	256QAM	15	0	18.22	18.19	18.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.19	23.28	23.16	24	0
1.4	QPSK	1	3	23.15	23.19	23.03		
1.4	QPSK	1	5	23.15	23.18	23.07		
1.4	QPSK	3	0	23.18	23.26	23.17		
1.4	QPSK	3	1	23.21	23.24	23.03		
1.4	QPSK	3	3	23.15	23.17	23.04		
1.4	QPSK	6	0	22.27	22.23	22.07	23	1
1.4	16QAM	1	0	22.20	22.16	22.15	23	1
1.4	16QAM	1	3	22.14	22.17	22.04		
1.4	16QAM	1	5	22.18	22.29	22.10		
1.4	16QAM	3	0	22.24	22.26	22.19		
1.4	16QAM	3	1	22.14	22.13	21.98		
1.4	16QAM	3	3	22.09	22.27	22.02		
1.4	16QAM	6	0	21.16	21.26	21.03	22	2
1.4	64QAM	1	0	21.16	21.19	21.07	22	2
1.4	64QAM	1	3	21.09	21.23	21.11		
1.4	64QAM	1	5	21.18	21.28	21.08		
1.4	64QAM	3	0	21.24	21.16	21.16		
1.4	64QAM	3	1	21.10	21.22	21.02		
1.4	64QAM	3	3	21.15	21.17	20.98		
1.4	64QAM	6	0	20.24	20.27	20.06	21	3
1.4	256QAM	1	0	18.16	18.30	18.13	19	5
1.4	256QAM	1	3	18.13	18.31	18.11		
1.4	256QAM	1	5	18.09	18.25	17.95		
1.4	256QAM	3	0	18.21	18.23	18.10		
1.4	256QAM	3	1	18.22	18.26	18.22		
1.4	256QAM	3	3	18.11	18.25	18.15		
1.4	256QAM	6	0	18.18	18.22	18.13	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.21	23.25	23.18	24	0
20	QPSK	1	49	23.15	23.23	23.14		
20	QPSK	1	99	23.17	23.21	23.15		
20	QPSK	50	0	22.18	22.27	22.22	23	1
20	QPSK	50	24	22.19	22.23	22.22		
20	QPSK	50	50	22.12	22.27	22.15		
20	QPSK	100	0	22.18	22.26	22.10		
20	16QAM	1	0	22.19	22.26	22.23	23	1
20	16QAM	1	49	22.19	22.18	22.15		
20	16QAM	1	99	22.15	22.15	22.09		
20	16QAM	50	0	21.13	21.22	21.27	22	2
20	16QAM	50	24	21.17	21.18	21.19		
20	16QAM	50	50	21.08	21.32	21.15		
20	16QAM	100	0	21.13	21.32	21.05		
20	64QAM	1	0	21.26	21.25	21.19	22	2
20	64QAM	1	49	21.15	21.28	21.12		
20	64QAM	1	99	21.12	21.16	21.10		
20	64QAM	50	0	20.22	20.27	20.26	21	3
20	64QAM	50	24	20.14	20.20	20.28		
20	64QAM	50	50	20.11	20.25	20.18		
20	64QAM	100	0	20.14	20.21	20.12		
20	256QAM	1	0	18.20	18.26	18.20	19	5
20	256QAM	1	49	18.15	18.25	18.19		
20	256QAM	1	99	18.13	18.23	18.21		
20	256QAM	50	0	18.19	18.22	18.18	19	5
20	256QAM	50	24	18.19	18.25	18.21		
20	256QAM	50	50	18.17	18.22	18.20		
20	256QAM	100	0	18.15	18.23	18.11		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.10	23.20	23.10	24	0
15	QPSK	1	37	23.05	23.22	23.10		
15	QPSK	1	74	23.16	23.12	23.08		
15	QPSK	36	0	22.18	22.23	22.11	23	1
15	QPSK	36	20	22.12	22.18	22.15		
15	QPSK	36	39	22.06	22.24	22.04		
15	QPSK	75	0	22.10	22.17	22.09		
15	16QAM	1	0	22.12	22.25	22.22	23	1
15	16QAM	1	37	22.11	22.16	22.15		
15	16QAM	1	74	22.09	22.08	22.02		
15	16QAM	36	0	21.12	21.20	21.17	22	2
15	16QAM	36	20	21.15	21.13	21.13		
15	16QAM	36	39	21.06	21.27	21.12		
15	16QAM	75	0	21.09	21.25	21.02		
15	64QAM	1	0	21.26	21.15	21.12	22	2
15	64QAM	1	37	21.15	21.21	21.07		
15	64QAM	1	74	21.08	21.05	21.09		
15	64QAM	36	0	20.16	20.21	20.16	21	3
15	64QAM	36	20	20.07	20.19	20.22		
15	64QAM	36	39	20.08	20.23	20.09		
15	64QAM	75	0	20.10	20.09	20.01		
15	256QAM	1	0	18.15	18.26	18.17	19	5
15	256QAM	1	37	18.06	18.24	18.14		
15	256QAM	1	74	18.08	18.14	18.10		
15	256QAM	36	0	18.07	18.20	18.16	19	5
15	256QAM	36	20	18.19	18.16	18.13		
15	256QAM	36	39	18.16	18.21	18.11		
15	256QAM	75	0	18.06	18.19	18.09		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.15	23.22	23.14	24	0
10	QPSK	1	25	23.13	23.14	23.14		
10	QPSK	1	49	23.15	23.14	23.05		
10	QPSK	25	0	22.15	22.27	22.10	23	1
10	QPSK	25	12	22.08	22.15	22.17		
10	QPSK	25	25	22.12	22.22	22.08		
10	QPSK	50	0	22.07	22.21	21.98		
10	16QAM	1	0	22.14	22.17	22.17	23	1
10	16QAM	1	25	22.12	22.08	22.07		
10	16QAM	1	49	22.10	22.06	22.06		
10	16QAM	25	0	21.11	21.22	21.26	22	2
10	16QAM	25	12	21.06	21.07	21.12		
10	16QAM	25	25	20.98	21.30	21.10		
10	16QAM	50	0	21.05	21.29	21.01		
10	64QAM	1	0	21.23	21.19	21.08	22	2
10	64QAM	1	25	21.15	21.28	21.09		
10	64QAM	1	49	21.09	21.05	21.09		
10	64QAM	25	0	20.10	20.27	20.25	21	3
10	64QAM	25	12	20.09	20.11	20.22		
10	64QAM	25	25	20.06	20.16	20.15		
10	64QAM	50	0	20.09	20.13	20.08		
10	256QAM	1	0	18.13	18.18	18.09	19	5
10	256QAM	1	25	18.13	18.19	18.09		
10	256QAM	1	49	18.08	18.14	18.14		
10	256QAM	25	0	18.14	18.12	18.17	19	5
10	256QAM	25	12	18.12	18.15	18.15		
10	256QAM	25	25	18.15	18.21	18.18		
10	256QAM	50	0	18.04	18.22	18.10		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.18	23.21	23.10	24	0
5	QPSK	1	12	23.07	23.22	23.12		
5	QPSK	1	24	23.07	23.10	23.07		
5	QPSK	12	0	22.14	22.20	22.10	23	1
5	QPSK	12	7	22.14	22.13	22.21		
5	QPSK	12	13	22.08	22.17	22.08		
5	QPSK	25	0	22.08	22.17	21.99		
5	16QAM	1	0	22.11	22.20	22.23	23	1
5	16QAM	1	12	22.16	22.12	22.11		
5	16QAM	1	24	22.08	22.08	22.00		
5	16QAM	12	0	21.06	21.21	21.27	22	2
5	16QAM	12	7	21.15	21.08	21.15		
5	16QAM	12	13	21.04	21.32	21.09		
5	16QAM	25	0	21.10	21.28	21.02		
5	64QAM	1	0	21.20	21.23	21.10	22	2
5	64QAM	1	12	21.04	21.18	21.09		
5	64QAM	1	24	21.08	21.12	21.01		
5	64QAM	12	0	20.17	20.26	20.17	21	3
5	64QAM	12	7	20.08	20.15	20.27		
5	64QAM	12	13	20.05	20.18	20.11		
5	64QAM	25	0	20.10	20.13	20.06		
5	256QAM	1	0	18.17	18.25	18.19	19	5
5	256QAM	1	12	18.03	18.24	18.14		
5	256QAM	1	24	18.08	18.12	18.19		
5	256QAM	12	0	18.19	18.16	18.12	19	5
5	256QAM	12	7	18.07	18.25	18.20		
5	256QAM	12	13	18.16	18.16	18.14		
5	256QAM	25	0	18.10	18.22	18.08		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.24	23.37	23.27	24	0
20	QPSK	1	49	23.23	23.36	23.21		
20	QPSK	1	99	23.22	23.36	23.27		
20	QPSK	50	0	22.18	22.38	22.25	23	1
20	QPSK	50	24	22.19	22.35	22.30		
20	QPSK	50	50	22.22	22.33	22.18		
20	QPSK	100	0	22.17	22.35	22.27		
20	16QAM	1	0	22.22	22.39	22.25	23	1
20	16QAM	1	49	22.26	22.36	22.24		
20	16QAM	1	99	22.22	22.35	22.31		
20	16QAM	50	0	21.12	21.33	21.20	22	2
20	16QAM	50	24	21.22	21.37	21.27		
20	16QAM	50	50	21.20	21.32	21.24		
20	16QAM	100	0	21.18	21.34	21.29		
20	64QAM	1	0	21.29	21.36	21.24	22	2
20	64QAM	1	49	21.20	21.34	21.25		
20	64QAM	1	99	21.19	21.38	21.31		
20	64QAM	50	0	20.23	20.36	20.23	21	3
20	64QAM	50	24	20.16	20.31	20.33		
20	64QAM	50	50	20.28	20.36	20.15		
20	64QAM	100	0	20.19	20.38	20.27		
20	256QAM	1	0	18.18	18.37	18.23	19	5
20	256QAM	1	49	18.23	18.31	18.20		
20	256QAM	1	99	18.25	18.36	18.28		
20	256QAM	50	0	18.14	18.35	18.24	19	5
20	256QAM	50	24	18.21	18.33	18.28		
20	256QAM	50	50	18.23	18.39	18.14		
20	256QAM	100	0	18.19	18.30	18.31		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.14	23.34	23.23	24	0
15	QPSK	1	37	23.15	23.27	23.18		
15	QPSK	1	74	23.18	23.27	23.20		
15	QPSK	36	0	22.15	22.27	22.16	23	1
15	QPSK	36	20	22.11	22.24	22.20		
15	QPSK	36	39	22.19	22.21	22.11		
15	QPSK	75	0	22.05	22.25	22.16		
15	16QAM	1	0	22.21	22.36	22.17	23	1
15	16QAM	1	37	22.20	22.29	22.17		
15	16QAM	1	74	22.15	22.34	22.31		
15	16QAM	36	0	21.03	21.27	21.17	22	2
15	16QAM	36	20	21.22	21.28	21.17		
15	16QAM	36	39	21.10	21.27	21.13		
15	16QAM	75	0	21.16	21.25	21.28		
15	64QAM	1	0	21.26	21.28	21.17	22	2
15	64QAM	1	37	21.15	21.33	21.19		
15	64QAM	1	74	21.13	21.30	21.24		
15	64QAM	36	0	20.20	20.26	20.21	21	3
15	64QAM	36	20	20.06	20.31	20.30		
15	64QAM	36	39	20.27	20.29	20.08		
15	64QAM	75	0	20.09	20.28	20.19		
15	256QAM	1	0	18.15	18.33	18.21	19	5
15	256QAM	1	37	18.18	18.26	18.13		
15	256QAM	1	74	18.18	18.35	18.20		
15	256QAM	36	0	18.08	18.29	18.22	19	5
15	256QAM	36	20	18.14	18.28	18.18		
15	256QAM	36	39	18.12	18.37	18.13		
15	256QAM	75	0	18.15	18.24	18.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.12	23.36	23.22	24	0
10	QPSK	1	25	23.23	23.31	23.18		
10	QPSK	1	49	23.19	23.29	23.24		
10	QPSK	25	0	22.17	22.27	22.24	23	1
10	QPSK	25	12	22.10	22.31	22.24		
10	QPSK	25	25	22.20	22.33	22.15		
10	QPSK	50	0	22.08	22.28	22.20		
10	16QAM	1	0	22.15	22.33	22.20	23	1
10	16QAM	1	25	22.22	22.28	22.24		
10	16QAM	1	49	22.18	22.34	22.23		
10	16QAM	25	0	21.12	21.26	21.19	22	2
10	16QAM	25	12	21.18	21.26	21.26		
10	16QAM	25	25	21.13	21.23	21.17		
10	16QAM	50	0	21.09	21.33	21.21		
10	64QAM	1	0	21.23	21.32	21.16	22	2
10	64QAM	1	25	21.15	21.23	21.17		
10	64QAM	1	49	21.12	21.27	21.24		
10	64QAM	25	0	20.16	20.30	20.14	21	3
10	64QAM	25	12	20.04	20.25	20.25		
10	64QAM	25	25	20.21	20.31	20.14		
10	64QAM	50	0	20.11	20.34	20.24		
10	256QAM	1	0	18.11	18.26	18.18	19	5
10	256QAM	1	25	18.16	18.23	18.14		
10	256QAM	1	49	18.18	18.28	18.27		
10	256QAM	25	0	18.11	18.28	18.13	19	5
10	256QAM	25	12	18.14	18.28	18.19		
10	256QAM	25	25	18.15	18.33	18.11		
10	256QAM	50	0	18.13	18.24	18.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.17	23.36	23.18	24	0
5	QPSK	1	12	23.16	23.34	23.12		
5	QPSK	1	24	23.12	23.24	23.16		
5	QPSK	12	0	22.11	22.28	22.24	23	1
5	QPSK	12	7	22.16	22.28	22.25		
5	QPSK	12	13	22.20	22.26	22.18		
5	QPSK	25	0	22.09	22.24	22.16		
5	16QAM	1	0	22.11	22.29	22.15	23	1
5	16QAM	1	12	22.18	22.34	22.20		
5	16QAM	1	24	22.11	22.26	22.31		
5	16QAM	12	0	21.01	21.32	21.14	22	2
5	16QAM	12	7	21.19	21.28	21.15		
5	16QAM	12	13	21.14	21.21	21.22		
5	16QAM	25	0	21.13	21.27	21.27		
5	64QAM	1	0	21.23	21.31	21.16	22	2
5	64QAM	1	12	21.14	21.33	21.14		
5	64QAM	1	24	21.16	21.28	21.30		
5	64QAM	12	0	20.14	20.33	20.23	21	3
5	64QAM	12	7	20.15	20.30	20.32		
5	64QAM	12	13	20.22	20.27	20.13		
5	64QAM	25	0	20.08	20.37	20.25		
5	256QAM	1	0	18.07	18.34	18.15	19	5
5	256QAM	1	12	18.12	18.28	18.09		
5	256QAM	1	24	18.19	18.27	18.21		
5	256QAM	12	0	18.06	18.25	18.21	19	5
5	256QAM	12	7	18.13	18.26	18.24		
5	256QAM	12	13	18.22	18.35	18.12		
5	256QAM	25	0	18.15	18.24	18.23		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.20	23.34	23.20	24	0
3	QPSK	1	8	23.20	23.32	23.11		
3	QPSK	1	14	23.17	23.30	23.15		
3	QPSK	8	0	22.10	22.32	22.17	23	1
3	QPSK	8	4	22.13	22.28	22.28		
3	QPSK	8	7	22.20	22.30	22.10		
3	QPSK	15	0	22.12	22.26	22.16		
3	16QAM	1	0	22.18	22.36	22.22	23	1
3	16QAM	1	8	22.15	22.27	22.18		
3	16QAM	1	14	22.19	22.29	22.20		
3	16QAM	8	0	21.02	21.30	21.15	22	2
3	16QAM	8	4	21.22	21.30	21.21		
3	16QAM	8	7	21.17	21.27	21.16		
3	16QAM	15	0	21.12	21.31	21.21		
3	64QAM	1	0	21.23	21.29	21.17	22	2
3	64QAM	1	8	21.08	21.33	21.21		
3	64QAM	1	14	21.09	21.35	21.24		
3	64QAM	8	0	20.14	20.26	20.13	21	3
3	64QAM	8	4	20.11	20.23	20.23		
3	64QAM	8	7	20.24	20.34	20.06		
3	64QAM	15	0	20.10	20.37	20.16		
3	256QAM	1	0	18.10	18.35	18.12	19	5
3	256QAM	1	8	18.22	18.28	18.12		
3	256QAM	1	14	18.19	18.36	18.18		
3	256QAM	8	0	18.10	18.31	18.13	19	5
3	256QAM	8	4	18.18	18.28	18.16		
3	256QAM	8	7	18.20	18.36	18.11		
3	256QAM	15	0	18.11	18.26	18.22		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.20	23.32	23.25	24	0
1.4	QPSK	1	3	23.19	23.27	23.09		
1.4	QPSK	1	5	23.11	23.32	23.23		
1.4	QPSK	3	0	23.24	23.31	23.25		
1.4	QPSK	3	1	23.21	23.34	23.19		
1.4	QPSK	3	3	23.16	23.36	23.22		
1.4	QPSK	6	0	22.08	22.28	22.23	24	0
1.4	16QAM	1	0	22.17	22.24	22.29	24	0
1.4	16QAM	1	3	22.15	22.29	22.11		
1.4	16QAM	1	5	22.09	22.24	22.27		
1.4	16QAM	3	0	22.13	22.36	22.16		
1.4	16QAM	3	1	22.17	22.31	22.17		
1.4	16QAM	3	3	22.11	22.29	22.22		
1.4	16QAM	6	0	21.09	21.29	21.16	24	0
1.4	64QAM	1	0	21.12	21.37	21.22	24	0
1.4	64QAM	1	3	21.13	21.24	21.15		
1.4	64QAM	1	5	21.07	21.27	21.25		
1.4	64QAM	3	0	21.27	21.28	21.19		
1.4	64QAM	3	1	21.13	21.30	21.14		
1.4	64QAM	3	3	21.14	21.33	21.27		
1.4	64QAM	6	0	20.08	20.36	20.22	24	0
1.4	256QAM	1	0	18.18	18.35	18.11	23	1
1.4	256QAM	1	3	18.14	18.30	18.18		
1.4	256QAM	1	5	18.15	18.28	18.24		
1.4	256QAM	3	0	18.07	18.34	18.13		
1.4	256QAM	3	1	18.10	18.23	18.16		
1.4	256QAM	3	3	18.19	18.30	18.11		
1.4	256QAM	6	0	18.12	18.30	18.29	23	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.21	23.28	23.22	24	0
20	QPSK	1	49	23.20	23.26	23.19		
20	QPSK	1	99	23.20	23.26	23.18		
20	QPSK	50	0	22.23	22.24	22.22	23	1
20	QPSK	50	24	22.25	22.22	22.24		
20	QPSK	50	50	22.19	22.30	22.21		
20	QPSK	100	0	22.18	22.20	22.23		
20	16QAM	1	0	22.23	22.22	22.27	23	1
20	16QAM	1	49	22.18	22.22	22.24		
20	16QAM	1	99	22.17	22.23	22.18		
20	16QAM	50	0	21.19	21.30	21.27	22	2
20	16QAM	50	24	21.26	21.21	21.28		
20	16QAM	50	50	21.15	21.33	21.20		
20	16QAM	100	0	21.16	21.23	21.20		
20	64QAM	1	0	21.26	21.22	21.24	22	2
20	64QAM	1	49	21.21	21.28	21.19		
20	64QAM	1	99	21.23	21.22	21.15		
20	64QAM	50	0	20.27	20.29	20.27	21	3
20	64QAM	50	24	20.29	20.18	20.18		
20	64QAM	50	50	20.25	20.31	20.26		
20	64QAM	100	0	20.18	20.23	20.20		
20	256QAM	1	0	18.25	18.32	18.23	19	5
20	256QAM	1	49	18.25	18.21	18.21		
20	256QAM	1	99	18.22	18.25	18.13		
20	256QAM	50	0	18.23	18.25	18.27	19	5
20	256QAM	50	24	18.25	18.19	18.24		
20	256QAM	50	50	18.18	18.27	18.26		
20	256QAM	100	0	18.21	18.26	18.24		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.19	23.24	23.17	24	0
15	QPSK	1	37	23.19	23.23	23.14		
15	QPSK	1	74	23.19	23.25	23.17		
15	QPSK	36	0	22.22	22.20	22.22	23	1
15	QPSK	36	20	22.22	22.11	22.19		
15	QPSK	36	39	22.08	22.21	22.17		
15	QPSK	75	0	22.14	22.18	22.20		
15	16QAM	1	0	22.13	22.19	22.18	23	1
15	16QAM	1	37	22.11	22.12	22.14		
15	16QAM	1	74	22.17	22.20	22.16		
15	16QAM	36	0	21.17	21.25	21.25	22	2
15	16QAM	36	20	21.24	21.09	21.21		
15	16QAM	36	39	21.06	21.29	21.10		
15	16QAM	75	0	21.13	21.23	21.18		
15	64QAM	1	0	21.23	21.22	21.19	22	2
15	64QAM	1	37	21.21	21.18	21.09		
15	64QAM	1	74	21.22	21.20	21.06		
15	64QAM	36	0	20.20	20.26	20.21	21	3
15	64QAM	36	20	20.29	20.07	20.10		
15	64QAM	36	39	20.14	20.25	20.21		
15	64QAM	75	0	20.17	20.20	20.20		
15	256QAM	1	0	18.17	18.24	18.23	19	5
15	256QAM	1	37	18.25	18.12	18.17		
15	256QAM	1	74	18.20	18.14	18.11		
15	256QAM	36	0	18.23	18.16	18.17	19	5
15	256QAM	36	20	18.22	18.16	18.24		
15	256QAM	36	39	18.16	18.16	18.26		
15	256QAM	75	0	18.21	18.15	18.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.13	23.23	23.16	24	0
10	QPSK	1	25	23.18	23.15	23.08		
10	QPSK	1	49	23.20	23.15	23.14		
10	QPSK	25	0	22.16	22.13	22.13	23	1
10	QPSK	25	12	22.13	22.14	22.16		
10	QPSK	25	25	22.16	22.28	22.12		
10	QPSK	50	0	22.12	22.09	22.11		
10	16QAM	1	0	22.12	22.15	22.22	23	1
10	16QAM	1	25	22.12	22.19	22.17		
10	16QAM	1	49	22.10	22.16	22.12		
10	16QAM	25	0	21.10	21.24	21.26	22	2
10	16QAM	25	12	21.15	21.15	21.25		
10	16QAM	25	25	21.10	21.27	21.18		
10	16QAM	50	0	21.06	21.14	21.12		
10	64QAM	1	0	21.21	21.20	21.13	22	2
10	64QAM	1	25	21.14	21.16	21.19		
10	64QAM	1	49	21.14	21.21	21.14		
10	64QAM	25	0	20.20	20.26	20.20	21	3
10	64QAM	25	12	20.23	20.11	20.10		
10	64QAM	25	25	20.19	20.20	20.15		
10	64QAM	50	0	20.11	20.22	20.15		
10	256QAM	1	0	18.20	18.24	18.18	19	5
10	256QAM	1	25	18.25	18.15	18.19		
10	256QAM	1	49	18.15	18.20	18.02		
10	256QAM	25	0	18.16	18.20	18.20	19	5
10	256QAM	25	12	18.16	18.11	18.15		
10	256QAM	25	25	18.11	18.16	18.14		
10	256QAM	50	0	18.16	18.24	18.16		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.12	23.26	23.16	24	0
5	QPSK	1	12	23.12	23.25	23.08		
5	QPSK	1	24	23.12	23.22	23.16		
5	QPSK	12	0	22.21	22.14	22.19	23	1
5	QPSK	12	7	22.24	22.15	22.22		
5	QPSK	12	13	22.09	22.28	22.17		
5	QPSK	25	0	22.11	22.16	22.17		
5	16QAM	1	0	22.17	22.15	22.27	23	1
5	16QAM	1	12	22.09	22.21	22.14		
5	16QAM	1	24	22.16	22.22	22.10		
5	16QAM	12	0	21.16	21.18	21.17	22	2
5	16QAM	12	7	21.20	21.16	21.24		
5	16QAM	12	13	21.12	21.27	21.18		
5	16QAM	25	0	21.14	21.12	21.20		
5	64QAM	1	0	21.23	21.17	21.15	22	2
5	64QAM	1	12	21.15	21.25	21.18		
5	64QAM	1	24	21.20	21.22	21.05		
5	64QAM	12	0	20.25	20.23	20.26	21	3
5	64QAM	12	7	20.20	20.10	20.07		
5	64QAM	12	13	20.18	20.21	20.21		
5	64QAM	25	0	20.12	20.14	20.19		
5	256QAM	1	0	18.14	18.21	18.18	19	5
5	256QAM	1	12	18.23	18.16	18.17		
5	256QAM	1	24	18.14	18.15	18.09		
5	256QAM	12	0	18.16	18.14	18.21	19	5
5	256QAM	12	7	18.15	18.13	18.13		
5	256QAM	12	13	18.07	18.17	18.23		
5	256QAM	25	0	18.20	18.15	18.23		

Band 41 other PA Ant 2 DSI 2

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	23.21	23.29	23.30	23.28	23.25	24	0
20	QPSK	1	49	23.25	23.27	23.28	23.22	23.19		
20	QPSK	1	99	23.20	23.26	23.28	23.25	23.16		
20	QPSK	50	0	22.16	22.32	22.31	22.26	22.24	23	1
20	QPSK	50	24	22.19	22.28	22.30	22.34	22.20		
20	QPSK	50	50	22.21	22.29	22.29	22.21	22.16		
20	QPSK	100	0	22.15	22.22	22.26	22.25	22.12		
20	16QAM	1	0	22.26	22.33	22.28	22.30	22.28	23	1
20	16QAM	1	49	22.30	22.22	22.33	22.17	22.24		
20	16QAM	1	99	22.15	22.30	22.28	22.31	22.15		
20	16QAM	50	0	21.16	21.34	21.28	21.21	21.22	22	2
20	16QAM	50	24	21.22	21.30	21.25	21.30	21.24		
20	16QAM	50	50	21.19	21.35	21.24	21.27	21.18		
20	16QAM	100	0	21.17	21.23	21.24	21.20	21.16		
20	64QAM	1	0	21.25	21.28	21.30	21.32	21.20	22	2
20	64QAM	1	49	21.30	21.32	21.30	21.24	21.24		
20	64QAM	1	99	21.25	21.24	21.33	21.19	21.11		
20	64QAM	50	0	20.12	20.32	20.37	20.21	20.27	21	3
20	64QAM	50	24	20.22	20.26	20.25	20.35	20.21		
20	64QAM	50	50	20.24	20.25	20.24	20.17	20.12		
20	64QAM	100	0	20.19	20.24	20.29	20.31	20.17		
20	256QAM	1	0	18.18	18.27	18.27	18.32	18.22	19	5
20	256QAM	1	49	18.23	18.21	18.26	18.26	18.19		
20	256QAM	1	99	18.20	18.30	18.24	18.29	18.13		
20	256QAM	50	0	18.17	18.33	18.30	18.26	18.19	19	5
20	256QAM	50	24	18.14	18.26	18.35	18.35	18.26		
20	256QAM	50	50	18.19	18.29	18.31	18.21	18.17		
20	256QAM	100	0	18.18	18.24	18.26	18.26	18.14		
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	23.15	23.28	23.26	23.22	23.22	24.00	0
15	QPSK	1	37	23.23	23.19	23.16	23.16	23.18		
15	QPSK	1	74	23.18	23.26	23.24	23.23	23.12		
15	QPSK	36	0	22.11	22.32	22.28	22.24	22.17	23	1
15	QPSK	36	20	22.09	22.21	22.23	22.28	22.12		
15	QPSK	36	39	22.16	22.20	22.23	22.11	22.05		
15	QPSK	75	0	22.10	22.14	22.21	22.16	22.02		
15	16QAM	1	0	22.18	22.24	22.26	22.29	22.18	23	1
15	16QAM	1	37	22.26	22.19	22.29	22.14	22.16		
15	16QAM	1	74	22.12	22.29	22.26	22.22	22.12		
15	16QAM	36	0	21.15	21.24	21.22	21.09	21.18	22	2
15	16QAM	36	20	21.14	21.19	21.14	21.19	21.15		
15	16QAM	36	39	21.11	21.32	21.13	21.23	21.15		
15	16QAM	75	0	21.15	21.19	21.17	21.11	21.04		
15	64QAM	1	0	21.24	21.22	21.21	21.26	21.12	22	2
15	64QAM	1	37	21.26	21.26	21.27	21.13	21.22		
15	64QAM	1	74	21.15	21.23	21.32	21.14	21.07		
15	64QAM	36	0	20.10	20.22	20.36	20.12	20.24	21	3
15	64QAM	36	20	20.16	20.16	20.16	20.32	20.19		
15	64QAM	36	39	20.13	20.18	20.13	20.16	20.02		
15	64QAM	75	0	20.17	20.15	20.20	20.28	20.17		
15	256QAM	1	0	18.17	18.24	18.24	18.32	18.21	19	5
15	256QAM	1	37	18.22	18.19	18.22	18.26	18.16		
15	256QAM	1	74	18.11	18.26	18.21	18.20	18.05		
15	256QAM	36	0	18.08	18.27	18.29	18.15	18.12	19	5
15	256QAM	36	20	18.13	18.24	18.33	18.32	18.16		
15	256QAM	36	39	18.11	18.20	18.25	18.17	18.12		
15	256QAM	75	0	18.18	18.23	18.16	18.18	18.09		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.11	23.18	23.26	23.19	23.18	24.00	0
10	QPSK	1	25	23.20	23.17	23.22	23.11	23.09		
10	QPSK	1	49	23.13	23.23	23.24	23.13	23.13		
10	QPSK	25	0	22.15	22.30	22.20	22.15	22.12	23	1
10	QPSK	25	12	22.17	22.18	22.29	22.32	22.10		
10	QPSK	25	25	22.17	22.18	22.19	22.20	22.12		
10	QPSK	50	0	22.06	22.12	22.21	22.15	22.04		
10	16QAM	1	0	22.16	22.27	22.18	22.22	22.27	23	1
10	16QAM	1	25	22.21	22.15	22.28	22.06	22.17		
10	16QAM	1	49	22.11	22.19	22.21	22.23	22.04		
10	16QAM	25	0	21.10	21.29	21.23	21.19	21.20	22	2
10	16QAM	25	12	21.18	21.23	21.22	21.22	21.18		
10	16QAM	25	25	21.18	21.29	21.18	21.23	21.12		
10	16QAM	50	0	21.12	21.18	21.21	21.08	21.06		
10	64QAM	1	0	21.18	21.24	21.20	21.30	21.12	22	2
10	64QAM	1	25	21.27	21.22	21.26	21.12	21.22		
10	64QAM	1	49	21.16	21.12	21.24	21.07	20.99		
10	64QAM	25	0	20.03	20.23	20.26	20.19	20.19	21	3
10	64QAM	25	12	20.16	20.18	20.20	20.24	20.18		
10	64QAM	25	25	20.22	20.22	20.22	20.07	20.03		
10	64QAM	50	0	20.15	20.14	20.24	20.23	20.10		
10	256QAM	1	0	18.08	18.21	18.26	18.32	18.12	19	5
10	256QAM	1	25	18.12	18.10	18.16	18.22	18.09		
10	256QAM	1	49	18.16	18.21	18.13	18.28	18.03		
10	256QAM	25	0	18.14	18.24	18.22	18.22	18.19	19	5
10	256QAM	25	12	18.11	18.24	18.34	18.30	18.22		
10	256QAM	25	25	18.09	18.18	18.23	18.15	18.12		
10	256QAM	50	0	18.14	18.16	18.23	18.16	18.05		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.20	23.22	23.28	23.22	23.13	24.00	0
5	QPSK	1	12	23.15	23.24	23.23	23.11	23.16		
5	QPSK	1	24	23.09	23.15	23.21	23.23	23.16		
5	QPSK	12	0	22.12	22.22	22.25	22.17	22.13	23	1
5	QPSK	12	7	22.10	22.22	22.21	22.29	22.12		
5	QPSK	12	13	22.13	22.20	22.19	22.11	22.09		
5	QPSK	25	0	22.09	22.22	22.22	22.24	22.03		
5	16QAM	1	0	22.21	22.26	22.27	22.26	22.16	23	1
5	16QAM	1	12	22.29	22.21	22.31	22.11	22.13		
5	16QAM	1	24	22.13	22.28	22.26	22.22	22.08		
5	16QAM	12	0	21.15	21.30	21.22	21.14	21.14	22	2
5	16QAM	12	7	21.18	21.20	21.17	21.19	21.20		
5	16QAM	12	13	21.12	21.34	21.15	21.22	21.08		
5	16QAM	25	0	21.15	21.17	21.14	21.14	21.10		
5	64QAM	1	0	21.17	21.24	21.23	21.29	21.16	22	2
5	64QAM	1	12	21.19	21.27	21.22	21.21	21.14		
5	64QAM	1	24	21.16	21.20	21.28	21.17	21.00		
5	64QAM	12	0	20.06	20.30	20.37	20.16	20.25	21	3
5	64QAM	12	7	20.16	20.26	20.24	20.25	20.13		
5	64QAM	12	13	20.22	20.22	20.20	20.06	20.05		
5	64QAM	25	0	20.16	20.12	20.29	20.29	20.16		
5	256QAM	1	0	18.16	18.23	18.18	18.26	18.16	19	5
5	256QAM	1	12	18.22	18.19	18.18	18.17	18.09		
5	256QAM	1	24	18.08	18.28	18.17	18.24	18.11		
5	256QAM	12	0	18.14	18.23	18.21	18.22	18.07	19	5
5	256QAM	12	7	18.12	18.23	18.24	18.30	18.19		
5	256QAM	12	13	18.16	18.19	18.22	18.12	18.09		
5	256QAM	25	0	18.09	18.15	18.21	18.16	18.08		

Reduced Power Mode for DSI3

Band 2 other PA Ant 2 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.04	19.06	18.99	20	0
20	QPSK	1	49	18.93	18.92	18.87		
20	QPSK	1	99	18.91	18.95	18.92		
20	QPSK	50	0	18.97	19.00	18.86	20	0
20	QPSK	50	24	18.92	18.96	18.94		
20	QPSK	50	50	18.93	18.93	18.88		
20	QPSK	100	0	18.95	18.97	18.89		
20	16QAM	1	0	18.97	18.94	18.89	20	0
20	16QAM	1	49	18.83	18.86	18.85		
20	16QAM	1	99	18.87	18.84	18.80		
20	16QAM	50	0	18.86	18.90	18.81	20	0
20	16QAM	50	24	18.82	18.88	18.88		
20	16QAM	50	50	18.87	18.82	18.79		
20	16QAM	100	0	18.85	18.87	18.78		
20	64QAM	1	0	19.01	18.93	18.94	20	0
20	64QAM	1	49	18.86	18.88	18.82		
20	64QAM	1	99	18.87	18.93	18.82		
20	64QAM	50	0	18.84	18.92	18.75	20	0
20	64QAM	50	24	18.84	18.83	18.80		
20	64QAM	50	50	18.89	18.85	18.83		
20	64QAM	100	0	18.92	18.87	18.78		
20	256QAM	1	0	18.05	18.09	17.96	19	1
20	256QAM	1	49	17.92	17.96	17.88		
20	256QAM	1	99	17.92	17.92	17.87		
20	256QAM	50	0	18.02	18.00	17.81	19	1
20	256QAM	50	24	17.95	18.00	17.95		
20	256QAM	50	50	17.93	17.92	17.85		
20	256QAM	100	0	17.91	17.98	17.85		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.91	18.92	18.85	20	0
15	QPSK	1	37	18.89	18.83	18.76		
15	QPSK	1	74	18.79	18.87	18.87		
15	QPSK	36	0	18.86	18.92	18.79	20	0
15	QPSK	36	20	18.89	18.90	18.86		
15	QPSK	36	39	18.91	18.79	18.81		
15	QPSK	75	0	18.82	18.85	18.83		
15	16QAM	1	0	18.95	18.91	18.80	20	0
15	16QAM	1	37	18.74	18.81	18.74		
15	16QAM	1	74	18.83	18.73	18.78		
15	16QAM	36	0	18.76	18.78	18.71	20	0
15	16QAM	36	20	18.69	18.76	18.81		
15	16QAM	36	39	18.82	18.71	18.71		
15	16QAM	75	0	18.80	18.79	18.66		
15	64QAM	1	0	18.92	18.91	18.87	20	0
15	64QAM	1	37	18.73	18.85	18.71		
15	64QAM	1	74	18.74	18.89	18.77		
15	64QAM	36	0	18.73	18.81	18.70	20	0
15	64QAM	36	20	18.78	18.76	18.67		
15	64QAM	36	39	18.84	18.73	18.76		
15	64QAM	75	0	18.86	18.79	18.69		
15	256QAM	1	0	17.98	17.96	17.92	19	1
15	256QAM	1	37	17.86	17.84	17.85		
15	256QAM	1	74	17.80	17.81	17.81		
15	256QAM	36	0	17.93	17.87	17.79	19	1
15	256QAM	36	20	17.83	17.89	17.92		
15	256QAM	36	39	17.81	17.86	17.82		
15	256QAM	75	0	17.77	17.88	17.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.01	19.04	18.89	20	0
10	QPSK	1	25	18.83	18.85	18.81		
10	QPSK	1	49	18.83	18.87	18.82		
10	QPSK	25	0	18.92	18.87	18.82	20	0
10	QPSK	25	12	18.79	18.90	18.90		
10	QPSK	25	25	18.86	18.85	18.79		
10	QPSK	50	0	18.85	18.95	18.82		
10	16QAM	1	0	18.92	18.90	18.76	20	0
10	16QAM	1	25	18.70	18.83	18.78		
10	16QAM	1	49	18.75	18.76	18.69		
10	16QAM	25	0	18.78	18.84	18.69	20	0
10	16QAM	25	12	18.72	18.83	18.79		
10	16QAM	25	25	18.82	18.78	18.71		
10	16QAM	50	0	18.77	18.84	18.74		
10	64QAM	1	0	18.87	18.90	18.81	20	0
10	64QAM	1	25	18.78	18.75	18.72		
10	64QAM	1	49	18.75	18.82	18.68		
10	64QAM	25	0	18.78	18.86	18.62	20	0
10	64QAM	25	12	18.73	18.71	18.78		
10	64QAM	25	25	18.79	18.81	18.71		
10	64QAM	50	0	18.80	18.81	18.75		
10	256QAM	1	0	18.00	17.95	17.92	19	1
10	256QAM	1	25	17.80	17.83	17.85		
10	256QAM	1	49	17.83	17.90	17.80		
10	256QAM	25	0	17.96	17.97	17.76	19	1
10	256QAM	25	12	17.86	17.95	17.81		
10	256QAM	25	25	17.90	17.87	17.72		
10	256QAM	50	0	17.79	17.89	17.75		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.93	18.93	18.89	20	0
5	QPSK	1	12	18.88	18.83	18.83		
5	QPSK	1	24	18.78	18.91	18.83		
5	QPSK	12	0	18.93	18.97	18.79	20	0
5	QPSK	12	7	18.82	18.88	18.85		
5	QPSK	12	13	18.89	18.80	18.83		
5	QPSK	25	0	18.90	18.84	18.83		
5	16QAM	1	0	18.87	18.83	18.80	20	0
5	16QAM	1	12	18.75	18.78	18.71		
5	16QAM	1	24	18.84	18.74	18.76		
5	16QAM	12	0	18.81	18.80	18.79	20	0
5	16QAM	12	7	18.76	18.85	18.75		
5	16QAM	12	13	18.82	18.74	18.74		
5	16QAM	25	0	18.82	18.77	18.64		
5	64QAM	1	0	18.88	18.87	18.84	20	0
5	64QAM	1	12	18.81	18.84	18.79		
5	64QAM	1	24	18.83	18.79	18.72		
5	64QAM	12	0	18.82	18.88	18.68	20	0
5	64QAM	12	7	18.73	18.72	18.69		
5	64QAM	12	13	18.83	18.77	18.71		
5	64QAM	25	0	18.87	18.80	18.65		
5	256QAM	1	0	17.97	18.01	17.85	19	1
5	256QAM	1	12	17.83	17.94	17.82		
5	256QAM	1	24	17.81	17.82	17.82		
5	256QAM	12	0	17.92	17.90	17.78	19	1
5	256QAM	12	7	17.90	17.91	17.84		
5	256QAM	12	13	17.87	17.82	17.74		
5	256QAM	25	0	17.82	17.94	17.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.98	18.92	18.88	20	0
3	QPSK	1	8	18.84	18.88	18.77		
3	QPSK	1	14	18.83	18.81	18.78		
3	QPSK	8	0	18.91	18.95	18.79	20	0
3	QPSK	8	4	18.82	18.91	18.82		
3	QPSK	8	7	18.85	18.88	18.81		
3	QPSK	15	0	18.87	18.93	18.85		
3	16QAM	1	0	18.93	18.86	18.78	20	0
3	16QAM	1	8	18.77	18.82	18.77		
3	16QAM	1	14	18.75	18.76	18.71		
3	16QAM	8	0	18.82	18.88	18.75	20	0
3	16QAM	8	4	18.76	18.84	18.85		
3	16QAM	8	7	18.80	18.79	18.66		
3	16QAM	15	0	18.76	18.74	18.71		
3	64QAM	1	0	18.91	18.85	18.89	20	0
3	64QAM	1	8	18.76	18.79	18.69		
3	64QAM	1	14	18.77	18.86	18.76		
3	64QAM	8	0	18.77	18.86	18.65	20	0
3	64QAM	8	4	18.71	18.75	18.72		
3	64QAM	8	7	18.85	18.76	18.77		
3	64QAM	15	0	18.83	18.74	18.66		
3	256QAM	1	0	17.96	18.06	17.90	19	1
3	256QAM	1	8	17.83	17.89	17.86		
3	256QAM	1	14	17.89	17.81	17.79		
3	256QAM	8	0	17.99	17.87	17.72	19	1
3	256QAM	8	4	17.83	17.95	17.92		
3	256QAM	8	7	17.87	17.79	17.78		
3	256QAM	15	0	17.79	17.92	17.79		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.97	18.94	18.88	20	0
1.4	QPSK	1	3	18.90	18.89	18.75		
1.4	QPSK	1	5	18.79	18.82	18.79		
1.4	QPSK	3	0	18.91	18.90	18.78		
1.4	QPSK	3	1	18.89	18.88	18.82		
1.4	QPSK	3	3	18.88	18.83	18.83		
1.4	QPSK	6	0	18.84	18.91	18.76	20	0
1.4	16QAM	1	0	18.91	18.87	18.78	20	0
1.4	16QAM	1	3	18.73	18.78	18.74		
1.4	16QAM	1	5	18.73	18.73	18.71		
1.4	16QAM	3	0	18.80	18.76	18.76		
1.4	16QAM	3	1	18.74	18.76	18.84		
1.4	16QAM	3	3	18.84	18.78	18.68		
1.4	16QAM	6	0	18.83	18.84	18.65	20	0
1.4	64QAM	1	0	18.98	18.80	18.90	20	0
1.4	64QAM	1	3	18.78	18.82	18.69		
1.4	64QAM	1	5	18.83	18.80	18.71		
1.4	64QAM	3	0	18.81	18.81	18.67		
1.4	64QAM	3	1	18.81	18.78	18.76		
1.4	64QAM	3	3	18.83	18.80	18.70		
1.4	64QAM	6	0	18.79	18.73	18.67	20	0
1.4	256QAM	1	0	17.95	17.98	17.92	19	1
1.4	256QAM	1	3	17.86	17.92	17.80		
1.4	256QAM	1	5	17.89	17.81	17.79		
1.4	256QAM	3	0	17.99	17.90	17.79		
1.4	256QAM	3	1	17.88	17.92	17.93		
1.4	256QAM	3	3	17.82	17.87	17.77		
1.4	256QAM	6	0	17.86	17.92	17.77	19	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.26	23.30	23.20	24	0
20	QPSK	1	49	23.21	23.29	23.12		
20	QPSK	1	99	23.22	23.27	23.08		
20	QPSK	50	0	22.27	22.25	22.16	23	1
20	QPSK	50	24	22.21	22.26	22.20		
20	QPSK	50	50	22.15	22.28	22.13		
20	QPSK	100	0	22.23	22.30	22.15		
20	16QAM	1	0	22.29	22.33	22.21	23	1
20	16QAM	1	49	22.16	22.24	22.07		
20	16QAM	1	99	22.17	22.31	22.05		
20	16QAM	50	0	21.24	21.30	21.14	22	2
20	16QAM	50	24	21.17	21.24	21.15		
20	16QAM	50	50	21.17	21.33	21.12		
20	16QAM	100	0	21.19	21.32	21.19		
20	64QAM	1	0	21.28	21.28	21.21	22	2
20	64QAM	1	49	21.15	21.29	21.14		
20	64QAM	1	99	21.19	21.22	21.08		
20	64QAM	50	0	20.24	20.27	20.11	21	3
20	64QAM	50	24	20.23	20.29	20.22		
20	64QAM	50	50	20.19	20.29	20.07		
20	64QAM	100	0	20.27	20.27	20.18		
20	256QAM	1	0	18.27	18.30	18.15	19	5
20	256QAM	1	49	18.20	18.35	18.16		
20	256QAM	1	99	18.19	18.25	18.05		
20	256QAM	50	0	18.22	18.26	18.11	19	5
20	256QAM	50	24	18.25	18.28	18.25		
20	256QAM	50	50	18.15	18.25	18.16		
20	256QAM	100	0	18.22	18.27	18.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.19	23.29	23.09	24	0
15	QPSK	1	37	23.15	23.27	23.03		
15	QPSK	1	74	23.11	23.23	23.01		
15	QPSK	36	0	22.17	22.15	22.08	23	1
15	QPSK	36	20	22.16	22.20	22.11		
15	QPSK	36	39	22.12	22.26	22.13		
15	QPSK	75	0	22.22	22.22	22.10		
15	16QAM	1	0	22.24	22.26	22.10	23	1
15	16QAM	1	37	22.09	22.18	22.00		
15	16QAM	1	74	22.15	22.20	21.99		
15	16QAM	36	0	21.19	21.27	21.05	22	2
15	16QAM	36	20	21.13	21.23	21.07		
15	16QAM	36	39	21.12	21.26	21.03		
15	16QAM	75	0	21.12	21.28	21.12		
15	64QAM	1	0	21.20	21.23	21.20	22	2
15	64QAM	1	37	21.09	21.24	21.09		
15	64QAM	1	74	21.12	21.12	21.08		
15	64QAM	36	0	20.18	20.26	20.02	21	3
15	64QAM	36	20	20.19	20.21	20.21		
15	64QAM	36	39	20.11	20.26	20.06		
15	64QAM	75	0	20.20	20.16	20.13		
15	256QAM	1	0	18.22	18.23	18.10	19	5
15	256QAM	1	37	18.19	18.32	18.09		
15	256QAM	1	74	18.16	18.15	18.01		
15	256QAM	36	0	18.21	18.17	18.04	19	5
15	256QAM	36	20	18.13	18.26	18.19		
15	256QAM	36	39	18.15	18.19	18.05		
15	256QAM	75	0	18.12	18.26	18.14		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.14	23.29	23.08	24	0
10	QPSK	1	25	23.19	23.26	23.05		
10	QPSK	1	49	23.21	23.20	23.03		
10	QPSK	25	0	22.21	22.24	22.15	23	1
10	QPSK	25	12	22.14	22.23	22.11		
10	QPSK	25	25	22.04	22.20	22.11		
10	QPSK	50	0	22.12	22.25	22.07		
10	16QAM	1	0	22.29	22.30	22.12	23	1
10	16QAM	1	25	22.10	22.21	21.98		
10	16QAM	1	49	22.08	22.28	21.96		
10	16QAM	25	0	21.13	21.28	21.07	22	2
10	16QAM	25	12	21.15	21.13	21.04		
10	16QAM	25	25	21.17	21.21	21.04		
10	16QAM	50	0	21.16	21.27	21.15		
10	64QAM	1	0	21.28	21.26	21.11	22	2
10	64QAM	1	25	21.08	21.19	21.03		
10	64QAM	1	49	21.19	21.21	21.02		
10	64QAM	25	0	20.14	20.26	20.00	21	3
10	64QAM	25	12	20.14	20.27	20.18		
10	64QAM	25	25	20.11	20.21	20.04		
10	64QAM	50	0	20.18	20.23	20.08		
10	256QAM	1	0	18.23	18.29	18.05	19	5
10	256QAM	1	25	18.18	18.27	18.11		
10	256QAM	1	49	18.11	18.20	18.03		
10	256QAM	25	0	18.18	18.26	18.08	19	5
10	256QAM	25	12	18.24	18.16	18.24		
10	256QAM	25	25	18.05	18.19	18.08		
10	256QAM	50	0	18.18	18.21	18.08		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.19	23.27	23.13	24	0
5	QPSK	1	12	23.15	23.24	23.05		
5	QPSK	1	24	23.17	23.21	23.05		
5	QPSK	12	0	22.26	22.25	22.06	23	1
5	QPSK	12	7	22.09	22.15	22.13		
5	QPSK	12	13	22.13	22.21	22.07		
5	QPSK	25	0	22.18	22.29	22.10		
5	16QAM	1	0	22.19	22.22	22.15	23	1
5	16QAM	1	12	22.09	22.16	22.06		
5	16QAM	1	24	22.13	22.22	22.02		
5	16QAM	12	0	21.14	21.25	21.06	22	2
5	16QAM	12	7	21.05	21.17	21.06		
5	16QAM	12	13	21.06	21.26	21.02		
5	16QAM	25	0	21.17	21.23	21.17		
5	64QAM	1	0	21.18	21.18	21.14	22	2
5	64QAM	1	12	21.06	21.17	21.14		
5	64QAM	1	24	21.07	21.21	20.97		
5	64QAM	12	0	20.22	20.24	20.07	21	3
5	64QAM	12	7	20.15	20.24	20.21		
5	64QAM	12	13	20.08	20.28	20.01		
5	64QAM	25	0	20.23	20.20	20.18		
5	256QAM	1	0	18.26	18.29	18.15	19	5
5	256QAM	1	12	18.10	18.23	18.05		
5	256QAM	1	24	18.17	18.14	18.01		
5	256QAM	12	0	18.12	18.17	18.03	19	5
5	256QAM	12	7	18.15	18.19	18.18		
5	256QAM	12	13	18.03	18.21	18.16		
5	256QAM	25	0	18.15	18.21	18.14		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.16	23.25	23.15	24	0
3	QPSK	1	8	23.10	23.21	23.05		
3	QPSK	1	14	23.20	23.17	23.04		
3	QPSK	8	0	22.21	22.22	22.09	23	1
3	QPSK	8	4	22.15	22.23	22.11		
3	QPSK	8	7	22.08	22.20	22.06		
3	QPSK	15	0	22.17	22.24	22.11		
3	16QAM	1	0	22.25	22.23	22.11	23	1
3	16QAM	1	8	22.16	22.23	21.98		
3	16QAM	1	14	22.07	22.30	22.04		
3	16QAM	8	0	21.17	21.21	21.02	22	2
3	16QAM	8	4	21.05	21.20	21.07		
3	16QAM	8	7	21.13	21.25	21.07		
3	16QAM	15	0	21.17	21.21	21.11		
3	64QAM	1	0	21.17	21.23	21.15	22	2
3	64QAM	1	8	21.13	21.27	21.12		
3	64QAM	1	14	21.19	21.18	21.05		
3	64QAM	8	0	20.16	20.19	20.00	21	3
3	64QAM	8	4	20.20	20.18	20.14		
3	64QAM	8	7	20.14	20.27	20.00		
3	64QAM	15	0	20.16	20.24	20.08		
3	256QAM	1	0	18.27	18.23	18.11	19	5
3	256QAM	1	8	18.13	18.29	18.06		
3	256QAM	1	14	18.19	18.20	17.97		
3	256QAM	8	0	18.20	18.15	18.00	19	5
3	256QAM	8	4	18.20	18.23	18.24		
3	256QAM	8	7	18.07	18.20	18.12		
3	256QAM	15	0	18.22	18.19	18.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.19	23.28	23.16	24	0
1.4	QPSK	1	3	23.15	23.19	23.03		
1.4	QPSK	1	5	23.15	23.18	23.07		
1.4	QPSK	3	0	23.18	23.26	23.17		
1.4	QPSK	3	1	23.21	23.24	23.03		
1.4	QPSK	3	3	23.15	23.17	23.04		
1.4	QPSK	6	0	22.27	22.23	22.07	23	1
1.4	16QAM	1	0	22.20	22.16	22.15	23	1
1.4	16QAM	1	3	22.14	22.17	22.04		
1.4	16QAM	1	5	22.18	22.29	22.10		
1.4	16QAM	3	0	22.24	22.26	22.19		
1.4	16QAM	3	1	22.14	22.13	21.98		
1.4	16QAM	3	3	22.09	22.27	22.02		
1.4	16QAM	6	0	21.16	21.26	21.03	22	2
1.4	64QAM	1	0	21.16	21.19	21.07	22	2
1.4	64QAM	1	3	21.09	21.23	21.11		
1.4	64QAM	1	5	21.18	21.28	21.08		
1.4	64QAM	3	0	21.24	21.16	21.16		
1.4	64QAM	3	1	21.10	21.22	21.02		
1.4	64QAM	3	3	21.15	21.17	20.98		
1.4	64QAM	6	0	20.24	20.27	20.06	21	3
1.4	256QAM	1	0	18.16	18.30	18.13	19	5
1.4	256QAM	1	3	18.13	18.31	18.11		
1.4	256QAM	1	5	18.09	18.25	17.95		
1.4	256QAM	3	0	18.21	18.23	18.10		
1.4	256QAM	3	1	18.22	18.26	18.22		
1.4	256QAM	3	3	18.11	18.25	18.15		
1.4	256QAM	6	0	18.18	18.22	18.13	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.21	23.25	23.18	24	0
20	QPSK	1	49	23.15	23.23	23.14		
20	QPSK	1	99	23.17	23.21	23.15		
20	QPSK	50	0	22.18	22.27	22.22	23	1
20	QPSK	50	24	22.19	22.23	22.22		
20	QPSK	50	50	22.12	22.27	22.15		
20	QPSK	100	0	22.18	22.26	22.10		
20	16QAM	1	0	22.19	22.26	22.23	23	1
20	16QAM	1	49	22.19	22.18	22.15		
20	16QAM	1	99	22.15	22.15	22.09		
20	16QAM	50	0	21.13	21.22	21.27	22	2
20	16QAM	50	24	21.17	21.18	21.19		
20	16QAM	50	50	21.08	21.32	21.15		
20	16QAM	100	0	21.13	21.32	21.05		
20	64QAM	1	0	21.26	21.25	21.19	22	2
20	64QAM	1	49	21.15	21.28	21.12		
20	64QAM	1	99	21.12	21.16	21.10		
20	64QAM	50	0	20.22	20.27	20.26	21	3
20	64QAM	50	24	20.14	20.20	20.28		
20	64QAM	50	50	20.11	20.25	20.18		
20	64QAM	100	0	20.14	20.21	20.12		
20	256QAM	1	0	18.20	18.26	18.20	19	5
20	256QAM	1	49	18.15	18.25	18.19		
20	256QAM	1	99	18.13	18.23	18.21		
20	256QAM	50	0	18.19	18.22	18.18	19	5
20	256QAM	50	24	18.19	18.25	18.21		
20	256QAM	50	50	18.17	18.22	18.20		
20	256QAM	100	0	18.15	18.23	18.11		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.10	23.20	23.10	24	0
15	QPSK	1	37	23.05	23.22	23.10		
15	QPSK	1	74	23.16	23.12	23.08		
15	QPSK	36	0	22.18	22.23	22.11	23	1
15	QPSK	36	20	22.12	22.18	22.15		
15	QPSK	36	39	22.06	22.24	22.04		
15	QPSK	75	0	22.10	22.17	22.09		
15	16QAM	1	0	22.12	22.25	22.22	23	1
15	16QAM	1	37	22.11	22.16	22.15		
15	16QAM	1	74	22.09	22.08	22.02		
15	16QAM	36	0	21.12	21.20	21.17	22	2
15	16QAM	36	20	21.15	21.13	21.13		
15	16QAM	36	39	21.06	21.27	21.12		
15	16QAM	75	0	21.09	21.25	21.02		
15	64QAM	1	0	21.26	21.15	21.12	22	2
15	64QAM	1	37	21.15	21.21	21.07		
15	64QAM	1	74	21.08	21.05	21.09		
15	64QAM	36	0	20.16	20.21	20.16	21	3
15	64QAM	36	20	20.07	20.19	20.22		
15	64QAM	36	39	20.08	20.23	20.09		
15	64QAM	75	0	20.10	20.09	20.01		
15	256QAM	1	0	18.15	18.26	18.17	19	5
15	256QAM	1	37	18.06	18.24	18.14		
15	256QAM	1	74	18.08	18.14	18.10		
15	256QAM	36	0	18.07	18.20	18.16	19	5
15	256QAM	36	20	18.19	18.16	18.13		
15	256QAM	36	39	18.16	18.21	18.11		
15	256QAM	75	0	18.06	18.19	18.09		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.15	23.22	23.14	24	0
10	QPSK	1	25	23.13	23.14	23.14		
10	QPSK	1	49	23.15	23.14	23.05		
10	QPSK	25	0	22.15	22.27	22.10	23	1
10	QPSK	25	12	22.08	22.15	22.17		
10	QPSK	25	25	22.12	22.22	22.08		
10	QPSK	50	0	22.07	22.21	21.98		
10	16QAM	1	0	22.14	22.17	22.17	23	1
10	16QAM	1	25	22.12	22.08	22.07		
10	16QAM	1	49	22.10	22.06	22.06		
10	16QAM	25	0	21.11	21.22	21.26	22	2
10	16QAM	25	12	21.06	21.07	21.12		
10	16QAM	25	25	20.98	21.30	21.10		
10	16QAM	50	0	21.05	21.29	21.01		
10	64QAM	1	0	21.23	21.19	21.08	22	2
10	64QAM	1	25	21.15	21.28	21.09		
10	64QAM	1	49	21.09	21.05	21.09		
10	64QAM	25	0	20.10	20.27	20.25	21	3
10	64QAM	25	12	20.09	20.11	20.22		
10	64QAM	25	25	20.06	20.16	20.15		
10	64QAM	50	0	20.09	20.13	20.08		
10	256QAM	1	0	18.13	18.18	18.09	19	5
10	256QAM	1	25	18.13	18.19	18.09		
10	256QAM	1	49	18.08	18.14	18.14		
10	256QAM	25	0	18.14	18.12	18.17	19	5
10	256QAM	25	12	18.12	18.15	18.15		
10	256QAM	25	25	18.15	18.21	18.18		
10	256QAM	50	0	18.04	18.22	18.10		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.18	23.21	23.10	24	0
5	QPSK	1	12	23.07	23.22	23.12		
5	QPSK	1	24	23.07	23.10	23.07		
5	QPSK	12	0	22.14	22.20	22.10	23	1
5	QPSK	12	7	22.14	22.13	22.21		
5	QPSK	12	13	22.08	22.17	22.08		
5	QPSK	25	0	22.08	22.17	21.99		
5	16QAM	1	0	22.11	22.20	22.23	23	1
5	16QAM	1	12	22.16	22.12	22.11		
5	16QAM	1	24	22.08	22.08	22.00		
5	16QAM	12	0	21.06	21.21	21.27	22	2
5	16QAM	12	7	21.15	21.08	21.15		
5	16QAM	12	13	21.04	21.32	21.09		
5	16QAM	25	0	21.10	21.28	21.02		
5	64QAM	1	0	21.20	21.23	21.10	22	2
5	64QAM	1	12	21.04	21.18	21.09		
5	64QAM	1	24	21.08	21.12	21.01		
5	64QAM	12	0	20.17	20.26	20.17	21	3
5	64QAM	12	7	20.08	20.15	20.27		
5	64QAM	12	13	20.05	20.18	20.11		
5	64QAM	25	0	20.10	20.13	20.06		
5	256QAM	1	0	18.17	18.25	18.19	19	5
5	256QAM	1	12	18.03	18.24	18.14		
5	256QAM	1	24	18.08	18.12	18.19		
5	256QAM	12	0	18.19	18.16	18.12	19	5
5	256QAM	12	7	18.07	18.25	18.20		
5	256QAM	12	13	18.16	18.16	18.14		
5	256QAM	25	0	18.10	18.22	18.08		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.24	23.37	23.27	24	0
20	QPSK	1	49	23.23	23.36	23.21		
20	QPSK	1	99	23.22	23.36	23.27		
20	QPSK	50	0	22.18	22.38	22.25	23	1
20	QPSK	50	24	22.19	22.35	22.30		
20	QPSK	50	50	22.22	22.33	22.18		
20	QPSK	100	0	22.17	22.35	22.27		
20	16QAM	1	0	22.22	22.39	22.25	23	1
20	16QAM	1	49	22.26	22.36	22.24		
20	16QAM	1	99	22.22	22.35	22.31		
20	16QAM	50	0	21.12	21.33	21.20	22	2
20	16QAM	50	24	21.22	21.37	21.27		
20	16QAM	50	50	21.20	21.32	21.24		
20	16QAM	100	0	21.18	21.34	21.29		
20	64QAM	1	0	21.29	21.36	21.24	22	2
20	64QAM	1	49	21.20	21.34	21.25		
20	64QAM	1	99	21.19	21.38	21.31		
20	64QAM	50	0	20.23	20.36	20.23	21	3
20	64QAM	50	24	20.16	20.31	20.33		
20	64QAM	50	50	20.28	20.36	20.15		
20	64QAM	100	0	20.19	20.38	20.27		
20	256QAM	1	0	18.18	18.37	18.23	19	5
20	256QAM	1	49	18.23	18.31	18.20		
20	256QAM	1	99	18.25	18.36	18.28		
20	256QAM	50	0	18.14	18.35	18.24	19	5
20	256QAM	50	24	18.21	18.33	18.28		
20	256QAM	50	50	18.23	18.39	18.14		
20	256QAM	100	0	18.19	18.30	18.31		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.14	23.34	23.23	24	0
15	QPSK	1	37	23.15	23.27	23.18		
15	QPSK	1	74	23.18	23.27	23.20		
15	QPSK	36	0	22.15	22.27	22.16	23	1
15	QPSK	36	20	22.11	22.24	22.20		
15	QPSK	36	39	22.19	22.21	22.11		
15	QPSK	75	0	22.05	22.25	22.16		
15	16QAM	1	0	22.21	22.36	22.17	23	1
15	16QAM	1	37	22.20	22.29	22.17		
15	16QAM	1	74	22.15	22.34	22.31		
15	16QAM	36	0	21.03	21.27	21.17	22	2
15	16QAM	36	20	21.22	21.28	21.17		
15	16QAM	36	39	21.10	21.27	21.13		
15	16QAM	75	0	21.16	21.25	21.28		
15	64QAM	1	0	21.26	21.28	21.17	22	2
15	64QAM	1	37	21.15	21.33	21.19		
15	64QAM	1	74	21.13	21.30	21.24		
15	64QAM	36	0	20.20	20.26	20.21	21	3
15	64QAM	36	20	20.06	20.31	20.30		
15	64QAM	36	39	20.27	20.29	20.08		
15	64QAM	75	0	20.09	20.28	20.19		
15	256QAM	1	0	18.15	18.33	18.21	19	5
15	256QAM	1	37	18.18	18.26	18.13		
15	256QAM	1	74	18.18	18.35	18.20		
15	256QAM	36	0	18.08	18.29	18.22	19	5
15	256QAM	36	20	18.14	18.28	18.18		
15	256QAM	36	39	18.12	18.37	18.13		
15	256QAM	75	0	18.15	18.24	18.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.12	23.36	23.22	24	0
10	QPSK	1	25	23.23	23.31	23.18		
10	QPSK	1	49	23.19	23.29	23.24		
10	QPSK	25	0	22.17	22.27	22.24	23	1
10	QPSK	25	12	22.10	22.31	22.24		
10	QPSK	25	25	22.20	22.33	22.15		
10	QPSK	50	0	22.08	22.28	22.20		
10	16QAM	1	0	22.15	22.33	22.20	23	1
10	16QAM	1	25	22.22	22.28	22.24		
10	16QAM	1	49	22.18	22.34	22.23		
10	16QAM	25	0	21.12	21.26	21.19	22	2
10	16QAM	25	12	21.18	21.26	21.26		
10	16QAM	25	25	21.13	21.23	21.17		
10	16QAM	50	0	21.09	21.33	21.21		
10	64QAM	1	0	21.23	21.32	21.16	22	2
10	64QAM	1	25	21.15	21.23	21.17		
10	64QAM	1	49	21.12	21.27	21.24		
10	64QAM	25	0	20.16	20.30	20.14	21	3
10	64QAM	25	12	20.04	20.25	20.25		
10	64QAM	25	25	20.21	20.31	20.14		
10	64QAM	50	0	20.11	20.34	20.24		
10	256QAM	1	0	18.11	18.26	18.18	19	5
10	256QAM	1	25	18.16	18.23	18.14		
10	256QAM	1	49	18.18	18.28	18.27		
10	256QAM	25	0	18.11	18.28	18.13	19	5
10	256QAM	25	12	18.14	18.28	18.19		
10	256QAM	25	25	18.15	18.33	18.11		
10	256QAM	50	0	18.13	18.24	18.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.17	23.36	23.18	24	0
5	QPSK	1	12	23.16	23.34	23.12		
5	QPSK	1	24	23.12	23.24	23.16		
5	QPSK	12	0	22.11	22.28	22.24	23	1
5	QPSK	12	7	22.16	22.28	22.25		
5	QPSK	12	13	22.20	22.26	22.18		
5	QPSK	25	0	22.09	22.24	22.16		
5	16QAM	1	0	22.11	22.29	22.15	23	1
5	16QAM	1	12	22.18	22.34	22.20		
5	16QAM	1	24	22.11	22.26	22.31		
5	16QAM	12	0	21.01	21.32	21.14	22	2
5	16QAM	12	7	21.19	21.28	21.15		
5	16QAM	12	13	21.14	21.21	21.22		
5	16QAM	25	0	21.13	21.27	21.27		
5	64QAM	1	0	21.23	21.31	21.16	22	2
5	64QAM	1	12	21.14	21.33	21.14		
5	64QAM	1	24	21.16	21.28	21.30		
5	64QAM	12	0	20.14	20.33	20.23	21	3
5	64QAM	12	7	20.15	20.30	20.32		
5	64QAM	12	13	20.22	20.27	20.13		
5	64QAM	25	0	20.08	20.37	20.25		
5	256QAM	1	0	18.07	18.34	18.15	19	5
5	256QAM	1	12	18.12	18.28	18.09		
5	256QAM	1	24	18.19	18.27	18.21		
5	256QAM	12	0	18.06	18.25	18.21	19	5
5	256QAM	12	7	18.13	18.26	18.24		
5	256QAM	12	13	18.22	18.35	18.12		
5	256QAM	25	0	18.15	18.24	18.23		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.20	23.34	23.20	24	0
3	QPSK	1	8	23.20	23.32	23.11		
3	QPSK	1	14	23.17	23.30	23.15		
3	QPSK	8	0	22.10	22.32	22.17	23	1
3	QPSK	8	4	22.13	22.28	22.28		
3	QPSK	8	7	22.20	22.30	22.10		
3	QPSK	15	0	22.12	22.26	22.16		
3	16QAM	1	0	22.18	22.36	22.22	23	1
3	16QAM	1	8	22.15	22.27	22.18		
3	16QAM	1	14	22.19	22.29	22.20		
3	16QAM	8	0	21.02	21.30	21.15	22	2
3	16QAM	8	4	21.22	21.30	21.21		
3	16QAM	8	7	21.17	21.27	21.16		
3	16QAM	15	0	21.12	21.31	21.21		
3	64QAM	1	0	21.23	21.29	21.17	22	2
3	64QAM	1	8	21.08	21.33	21.21		
3	64QAM	1	14	21.09	21.35	21.24		
3	64QAM	8	0	20.14	20.26	20.13	21	3
3	64QAM	8	4	20.11	20.23	20.23		
3	64QAM	8	7	20.24	20.34	20.06		
3	64QAM	15	0	20.10	20.37	20.16		
3	256QAM	1	0	18.10	18.35	18.12	19	5
3	256QAM	1	8	18.22	18.28	18.12		
3	256QAM	1	14	18.19	18.36	18.18		
3	256QAM	8	0	18.10	18.31	18.13	19	5
3	256QAM	8	4	18.18	18.28	18.16		
3	256QAM	8	7	18.20	18.36	18.11		
3	256QAM	15	0	18.11	18.26	18.22		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.20	23.32	23.25	24	0
1.4	QPSK	1	3	23.19	23.27	23.09		
1.4	QPSK	1	5	23.11	23.32	23.23		
1.4	QPSK	3	0	23.24	23.31	23.25		
1.4	QPSK	3	1	23.21	23.34	23.19		
1.4	QPSK	3	3	23.16	23.36	23.22		
1.4	QPSK	6	0	22.08	22.28	22.23	24	0
1.4	16QAM	1	0	22.17	22.24	22.29	24	0
1.4	16QAM	1	3	22.15	22.29	22.11		
1.4	16QAM	1	5	22.09	22.24	22.27		
1.4	16QAM	3	0	22.13	22.36	22.16		
1.4	16QAM	3	1	22.17	22.31	22.17		
1.4	16QAM	3	3	22.11	22.29	22.22		
1.4	16QAM	6	0	21.09	21.29	21.16	24	0
1.4	64QAM	1	0	21.12	21.37	21.22	24	0
1.4	64QAM	1	3	21.13	21.24	21.15		
1.4	64QAM	1	5	21.07	21.27	21.25		
1.4	64QAM	3	0	21.27	21.28	21.19		
1.4	64QAM	3	1	21.13	21.30	21.14		
1.4	64QAM	3	3	21.14	21.33	21.27		
1.4	64QAM	6	0	20.08	20.36	20.22	24	0
1.4	256QAM	1	0	18.18	18.35	18.11	23	1
1.4	256QAM	1	3	18.14	18.30	18.18		
1.4	256QAM	1	5	18.15	18.28	18.24		
1.4	256QAM	3	0	18.07	18.34	18.13		
1.4	256QAM	3	1	18.10	18.23	18.16		
1.4	256QAM	3	3	18.19	18.30	18.11		
1.4	256QAM	6	0	18.12	18.30	18.29	23	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.21	23.28	23.22	24	0
20	QPSK	1	49	23.20	23.26	23.19		
20	QPSK	1	99	23.20	23.26	23.18		
20	QPSK	50	0	22.23	22.24	22.22	23	1
20	QPSK	50	24	22.25	22.22	22.24		
20	QPSK	50	50	22.19	22.30	22.21		
20	QPSK	100	0	22.18	22.20	22.23		
20	16QAM	1	0	22.23	22.22	22.27	23	1
20	16QAM	1	49	22.18	22.22	22.24		
20	16QAM	1	99	22.17	22.23	22.18		
20	16QAM	50	0	21.19	21.30	21.27	22	2
20	16QAM	50	24	21.26	21.21	21.28		
20	16QAM	50	50	21.15	21.33	21.20		
20	16QAM	100	0	21.16	21.23	21.20		
20	64QAM	1	0	21.26	21.22	21.24	22	2
20	64QAM	1	49	21.21	21.28	21.19		
20	64QAM	1	99	21.23	21.22	21.15		
20	64QAM	50	0	20.27	20.29	20.27	21	3
20	64QAM	50	24	20.29	20.18	20.18		
20	64QAM	50	50	20.25	20.31	20.26		
20	64QAM	100	0	20.18	20.23	20.20		
20	256QAM	1	0	18.25	18.32	18.23	19	5
20	256QAM	1	49	18.25	18.21	18.21		
20	256QAM	1	99	18.22	18.25	18.13		
20	256QAM	50	0	18.23	18.25	18.27	19	5
20	256QAM	50	24	18.25	18.19	18.24		
20	256QAM	50	50	18.18	18.27	18.26		
20	256QAM	100	0	18.21	18.26	18.24		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.19	23.24	23.17	24	0
15	QPSK	1	37	23.19	23.23	23.14		
15	QPSK	1	74	23.19	23.25	23.17		
15	QPSK	36	0	22.22	22.20	22.22	23	1
15	QPSK	36	20	22.22	22.11	22.19		
15	QPSK	36	39	22.08	22.21	22.17		
15	QPSK	75	0	22.14	22.18	22.20		
15	16QAM	1	0	22.13	22.19	22.18	23	1
15	16QAM	1	37	22.11	22.12	22.14		
15	16QAM	1	74	22.17	22.20	22.16		
15	16QAM	36	0	21.17	21.25	21.25	22	2
15	16QAM	36	20	21.24	21.09	21.21		
15	16QAM	36	39	21.06	21.29	21.10		
15	16QAM	75	0	21.13	21.23	21.18		
15	64QAM	1	0	21.23	21.22	21.19	22	2
15	64QAM	1	37	21.21	21.18	21.09		
15	64QAM	1	74	21.22	21.20	21.06		
15	64QAM	36	0	20.20	20.26	20.21	21	3
15	64QAM	36	20	20.29	20.07	20.10		
15	64QAM	36	39	20.14	20.25	20.21		
15	64QAM	75	0	20.17	20.20	20.20		
15	256QAM	1	0	18.17	18.24	18.23	19	5
15	256QAM	1	37	18.25	18.12	18.17		
15	256QAM	1	74	18.20	18.14	18.11		
15	256QAM	36	0	18.23	18.16	18.17	19	5
15	256QAM	36	20	18.22	18.16	18.24		
15	256QAM	36	39	18.16	18.16	18.26		
15	256QAM	75	0	18.21	18.15	18.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.13	23.23	23.16	24	0
10	QPSK	1	25	23.18	23.15	23.08		
10	QPSK	1	49	23.20	23.15	23.14		
10	QPSK	25	0	22.16	22.13	22.13	23	1
10	QPSK	25	12	22.13	22.14	22.16		
10	QPSK	25	25	22.16	22.28	22.12		
10	QPSK	50	0	22.12	22.09	22.11		
10	16QAM	1	0	22.12	22.15	22.22	23	1
10	16QAM	1	25	22.12	22.19	22.17		
10	16QAM	1	49	22.10	22.16	22.12		
10	16QAM	25	0	21.10	21.24	21.26	22	2
10	16QAM	25	12	21.15	21.15	21.25		
10	16QAM	25	25	21.10	21.27	21.18		
10	16QAM	50	0	21.06	21.14	21.12		
10	64QAM	1	0	21.21	21.20	21.13	22	2
10	64QAM	1	25	21.14	21.16	21.19		
10	64QAM	1	49	21.14	21.21	21.14		
10	64QAM	25	0	20.20	20.26	20.20	21	3
10	64QAM	25	12	20.23	20.11	20.10		
10	64QAM	25	25	20.19	20.20	20.15		
10	64QAM	50	0	20.11	20.22	20.15		
10	256QAM	1	0	18.20	18.24	18.18	19	5
10	256QAM	1	25	18.25	18.15	18.19		
10	256QAM	1	49	18.15	18.20	18.02		
10	256QAM	25	0	18.16	18.20	18.20	19	5
10	256QAM	25	12	18.16	18.11	18.15		
10	256QAM	25	25	18.11	18.16	18.14		
10	256QAM	50	0	18.16	18.24	18.16		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.12	23.26	23.16	24	0
5	QPSK	1	12	23.12	23.25	23.08		
5	QPSK	1	24	23.12	23.22	23.16		
5	QPSK	12	0	22.21	22.14	22.19	23	1
5	QPSK	12	7	22.24	22.15	22.22		
5	QPSK	12	13	22.09	22.28	22.17		
5	QPSK	25	0	22.11	22.16	22.17		
5	16QAM	1	0	22.17	22.15	22.27	23	1
5	16QAM	1	12	22.09	22.21	22.14		
5	16QAM	1	24	22.16	22.22	22.10		
5	16QAM	12	0	21.16	21.18	21.17	22	2
5	16QAM	12	7	21.20	21.16	21.24		
5	16QAM	12	13	21.12	21.27	21.18		
5	16QAM	25	0	21.14	21.12	21.20		
5	64QAM	1	0	21.23	21.17	21.15	22	2
5	64QAM	1	12	21.15	21.25	21.18		
5	64QAM	1	24	21.20	21.22	21.05		
5	64QAM	12	0	20.25	20.23	20.26	21	3
5	64QAM	12	7	20.20	20.10	20.07		
5	64QAM	12	13	20.18	20.21	20.21		
5	64QAM	25	0	20.12	20.14	20.19		
5	256QAM	1	0	18.14	18.21	18.18	19	5
5	256QAM	1	12	18.23	18.16	18.17		
5	256QAM	1	24	18.14	18.15	18.09		
5	256QAM	12	0	18.16	18.14	18.21	19	5
5	256QAM	12	7	18.15	18.13	18.13		
5	256QAM	12	13	18.07	18.17	18.23		
5	256QAM	25	0	18.20	18.15	18.23		

Band 41 other PA Ant 2 DSI 3

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	23.21	23.29	23.30	23.28	23.25	24	0
20	QPSK	1	49	23.25	23.27	23.28	23.22	23.19		
20	QPSK	1	99	23.20	23.26	23.28	23.25	23.16		
20	QPSK	50	0	22.16	22.32	22.31	22.26	22.24	23	1
20	QPSK	50	24	22.19	22.28	22.30	22.34	22.20		
20	QPSK	50	50	22.21	22.29	22.29	22.21	22.16		
20	QPSK	100	0	22.15	22.22	22.26	22.25	22.12		
20	16QAM	1	0	22.26	22.33	22.28	22.30	22.28	23	1
20	16QAM	1	49	22.30	22.22	22.33	22.17	22.24		
20	16QAM	1	99	22.15	22.30	22.28	22.31	22.15		
20	16QAM	50	0	21.16	21.34	21.28	21.21	21.22	22	2
20	16QAM	50	24	21.22	21.30	21.25	21.30	21.24		
20	16QAM	50	50	21.19	21.35	21.24	21.27	21.18		
20	16QAM	100	0	21.17	21.23	21.24	21.20	21.16		
20	64QAM	1	0	21.25	21.28	21.30	21.32	21.20	22	2
20	64QAM	1	49	21.30	21.32	21.30	21.24	21.24		
20	64QAM	1	99	21.25	21.24	21.33	21.19	21.11		
20	64QAM	50	0	20.12	20.32	20.37	20.21	20.27	21	3
20	64QAM	50	24	20.22	20.26	20.25	20.35	20.21		
20	64QAM	50	50	20.24	20.25	20.24	20.17	20.12		
20	64QAM	100	0	20.19	20.24	20.29	20.31	20.17		
20	256QAM	1	0	18.18	18.27	18.27	18.32	18.22	19	5
20	256QAM	1	49	18.23	18.21	18.26	18.26	18.19		
20	256QAM	1	99	18.20	18.30	18.24	18.29	18.13		
20	256QAM	50	0	18.17	18.33	18.30	18.26	18.19	19	5
20	256QAM	50	24	18.14	18.26	18.35	18.35	18.26		
20	256QAM	50	50	18.19	18.29	18.31	18.21	18.17		
20	256QAM	100	0	18.18	18.24	18.26	18.26	18.14		
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	23.15	23.28	23.26	23.22	23.22	24.00	0
15	QPSK	1	37	23.23	23.19	23.16	23.16	23.18		
15	QPSK	1	74	23.18	23.26	23.24	23.23	23.12		
15	QPSK	36	0	22.11	22.32	22.28	22.24	22.17	23	1
15	QPSK	36	20	22.09	22.21	22.23	22.28	22.12		
15	QPSK	36	39	22.16	22.20	22.23	22.11	22.05		
15	QPSK	75	0	22.10	22.14	22.21	22.16	22.02		
15	16QAM	1	0	22.18	22.24	22.26	22.29	22.18	23	1
15	16QAM	1	37	22.26	22.19	22.29	22.14	22.16		
15	16QAM	1	74	22.12	22.29	22.26	22.22	22.12		
15	16QAM	36	0	21.15	21.24	21.22	21.09	21.18	22	2
15	16QAM	36	20	21.14	21.19	21.14	21.19	21.15		
15	16QAM	36	39	21.11	21.32	21.13	21.23	21.15		
15	16QAM	75	0	21.15	21.19	21.17	21.11	21.04		
15	64QAM	1	0	21.24	21.22	21.21	21.26	21.12	22	2
15	64QAM	1	37	21.26	21.26	21.27	21.13	21.22		
15	64QAM	1	74	21.15	21.23	21.32	21.14	21.07		
15	64QAM	36	0	20.10	20.22	20.36	20.12	20.24	21	3
15	64QAM	36	20	20.16	20.16	20.16	20.32	20.19		
15	64QAM	36	39	20.13	20.18	20.13	20.16	20.02		
15	64QAM	75	0	20.17	20.15	20.20	20.28	20.17		
15	256QAM	1	0	18.17	18.24	18.24	18.32	18.21	19	5
15	256QAM	1	37	18.22	18.19	18.22	18.26	18.16		
15	256QAM	1	74	18.11	18.26	18.21	18.20	18.05		
15	256QAM	36	0	18.08	18.27	18.29	18.15	18.12	19	5
15	256QAM	36	20	18.13	18.24	18.33	18.32	18.16		
15	256QAM	36	39	18.11	18.20	18.25	18.17	18.12		
15	256QAM	75	0	18.18	18.23	18.16	18.18	18.09		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.11	23.18	23.26	23.19	23.18	24.00	0
10	QPSK	1	25	23.20	23.17	23.22	23.11	23.09		
10	QPSK	1	49	23.13	23.23	23.24	23.13	23.13		
10	QPSK	25	0	22.15	22.30	22.20	22.15	22.12	23	1
10	QPSK	25	12	22.17	22.18	22.29	22.32	22.10		
10	QPSK	25	25	22.17	22.18	22.19	22.20	22.12		
10	QPSK	50	0	22.06	22.12	22.21	22.15	22.04		
10	16QAM	1	0	22.16	22.27	22.18	22.22	22.27	23	1
10	16QAM	1	25	22.21	22.15	22.28	22.06	22.17		
10	16QAM	1	49	22.11	22.19	22.21	22.23	22.04		
10	16QAM	25	0	21.10	21.29	21.23	21.19	21.20	22	2
10	16QAM	25	12	21.18	21.23	21.22	21.22	21.18		
10	16QAM	25	25	21.18	21.29	21.18	21.23	21.12		
10	16QAM	50	0	21.12	21.18	21.21	21.08	21.06		
10	64QAM	1	0	21.18	21.24	21.20	21.30	21.12	22	2
10	64QAM	1	25	21.27	21.22	21.26	21.12	21.22		
10	64QAM	1	49	21.16	21.12	21.24	21.07	20.99		
10	64QAM	25	0	20.03	20.23	20.26	20.19	20.19	21	3
10	64QAM	25	12	20.16	20.18	20.20	20.24	20.18		
10	64QAM	25	25	20.22	20.22	20.22	20.07	20.03		
10	64QAM	50	0	20.15	20.14	20.24	20.23	20.10		
10	256QAM	1	0	18.08	18.21	18.26	18.32	18.12	19	5
10	256QAM	1	25	18.12	18.10	18.16	18.22	18.09		
10	256QAM	1	49	18.16	18.21	18.13	18.28	18.03		
10	256QAM	25	0	18.14	18.24	18.22	18.22	18.19	19	5
10	256QAM	25	12	18.11	18.24	18.34	18.30	18.22		
10	256QAM	25	25	18.09	18.18	18.23	18.15	18.12		
10	256QAM	50	0	18.14	18.16	18.23	18.16	18.05		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.20	23.22	23.28	23.22	23.13	24.00	0
5	QPSK	1	12	23.15	23.24	23.23	23.11	23.16		
5	QPSK	1	24	23.09	23.15	23.21	23.23	23.16		
5	QPSK	12	0	22.12	22.22	22.25	22.17	22.13	23	1
5	QPSK	12	7	22.10	22.22	22.21	22.29	22.12		
5	QPSK	12	13	22.13	22.20	22.19	22.11	22.09		
5	QPSK	25	0	22.09	22.22	22.22	22.24	22.03		
5	16QAM	1	0	22.21	22.26	22.27	22.26	22.16	23	1
5	16QAM	1	12	22.29	22.21	22.31	22.11	22.13		
5	16QAM	1	24	22.13	22.28	22.26	22.22	22.08		
5	16QAM	12	0	21.15	21.30	21.22	21.14	21.14	22	2
5	16QAM	12	7	21.18	21.20	21.17	21.19	21.20		
5	16QAM	12	13	21.12	21.34	21.15	21.22	21.08		
5	16QAM	25	0	21.15	21.17	21.14	21.14	21.10		
5	64QAM	1	0	21.17	21.24	21.23	21.29	21.16	22	2
5	64QAM	1	12	21.19	21.27	21.22	21.21	21.14		
5	64QAM	1	24	21.16	21.20	21.28	21.17	21.00		
5	64QAM	12	0	20.06	20.30	20.37	20.16	20.25	21	3
5	64QAM	12	7	20.16	20.26	20.24	20.25	20.13		
5	64QAM	12	13	20.22	20.22	20.20	20.06	20.05		
5	64QAM	25	0	20.16	20.12	20.29	20.29	20.16		
5	256QAM	1	0	18.16	18.23	18.18	18.26	18.16	19	5
5	256QAM	1	12	18.22	18.19	18.18	18.17	18.09		
5	256QAM	1	24	18.08	18.28	18.17	18.24	18.11		
5	256QAM	12	0	18.14	18.23	18.21	18.22	18.07	19	5
5	256QAM	12	7	18.12	18.23	18.24	18.30	18.19		
5	256QAM	12	13	18.16	18.19	18.22	18.12	18.09		
5	256QAM	25	0	18.09	18.15	18.21	18.16	18.08		

Reduced Power Mode for DSI4

Band 2 other PA Ant 2 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.04	19.06	18.99	20	0
20	QPSK	1	49	18.93	18.92	18.87		
20	QPSK	1	99	18.91	18.95	18.92		
20	QPSK	50	0	18.97	19.00	18.86	20	0
20	QPSK	50	24	18.92	18.96	18.94		
20	QPSK	50	50	18.93	18.93	18.88		
20	QPSK	100	0	18.95	18.97	18.89		
20	16QAM	1	0	18.97	18.94	18.89	20	0
20	16QAM	1	49	18.83	18.86	18.85		
20	16QAM	1	99	18.87	18.84	18.80		
20	16QAM	50	0	18.86	18.90	18.81	20	0
20	16QAM	50	24	18.82	18.88	18.88		
20	16QAM	50	50	18.87	18.82	18.79		
20	16QAM	100	0	18.85	18.87	18.78		
20	64QAM	1	0	19.01	18.93	18.94	20	0
20	64QAM	1	49	18.86	18.88	18.82		
20	64QAM	1	99	18.87	18.93	18.82		
20	64QAM	50	0	18.84	18.92	18.75	20	0
20	64QAM	50	24	18.84	18.83	18.80		
20	64QAM	50	50	18.89	18.85	18.83		
20	64QAM	100	0	18.92	18.87	18.78		
20	256QAM	1	0	18.05	18.09	17.96	19	1
20	256QAM	1	49	17.92	17.96	17.88		
20	256QAM	1	99	17.92	17.92	17.87		
20	256QAM	50	0	18.02	18.00	17.81	19	1
20	256QAM	50	24	17.95	18.00	17.95		
20	256QAM	50	50	17.93	17.92	17.85		
20	256QAM	100	0	17.91	17.98	17.85		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.91	18.92	18.85	20	0
15	QPSK	1	37	18.89	18.83	18.76		
15	QPSK	1	74	18.79	18.87	18.87		
15	QPSK	36	0	18.86	18.92	18.79	20	0
15	QPSK	36	20	18.89	18.90	18.86		
15	QPSK	36	39	18.91	18.79	18.81		
15	QPSK	75	0	18.82	18.85	18.83		
15	16QAM	1	0	18.95	18.91	18.80	20	0
15	16QAM	1	37	18.74	18.81	18.74		
15	16QAM	1	74	18.83	18.73	18.78		
15	16QAM	36	0	18.76	18.78	18.71	20	0
15	16QAM	36	20	18.69	18.76	18.81		
15	16QAM	36	39	18.82	18.71	18.71		
15	16QAM	75	0	18.80	18.79	18.66		
15	64QAM	1	0	18.92	18.91	18.87	20	0
15	64QAM	1	37	18.73	18.85	18.71		
15	64QAM	1	74	18.74	18.89	18.77		
15	64QAM	36	0	18.73	18.81	18.70	20	0
15	64QAM	36	20	18.78	18.76	18.67		
15	64QAM	36	39	18.84	18.73	18.76		
15	64QAM	75	0	18.86	18.79	18.69		
15	256QAM	1	0	17.98	17.96	17.92	19	1
15	256QAM	1	37	17.86	17.84	17.85		
15	256QAM	1	74	17.80	17.81	17.81		
15	256QAM	36	0	17.93	17.87	17.79	19	1
15	256QAM	36	20	17.83	17.89	17.92		
15	256QAM	36	39	17.81	17.86	17.82		
15	256QAM	75	0	17.77	17.88	17.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.01	19.04	18.89	20	0
10	QPSK	1	25	18.83	18.85	18.81		
10	QPSK	1	49	18.83	18.87	18.82		
10	QPSK	25	0	18.92	18.87	18.82	20	0
10	QPSK	25	12	18.79	18.90	18.90		
10	QPSK	25	25	18.86	18.85	18.79		
10	QPSK	50	0	18.85	18.95	18.82		
10	16QAM	1	0	18.92	18.90	18.76	20	0
10	16QAM	1	25	18.70	18.83	18.78		
10	16QAM	1	49	18.75	18.76	18.69		
10	16QAM	25	0	18.78	18.84	18.69	20	0
10	16QAM	25	12	18.72	18.83	18.79		
10	16QAM	25	25	18.82	18.78	18.71		
10	16QAM	50	0	18.77	18.84	18.74		
10	64QAM	1	0	18.87	18.90	18.81	20	0
10	64QAM	1	25	18.78	18.75	18.72		
10	64QAM	1	49	18.75	18.82	18.68		
10	64QAM	25	0	18.78	18.86	18.62	20	0
10	64QAM	25	12	18.73	18.71	18.78		
10	64QAM	25	25	18.79	18.81	18.71		
10	64QAM	50	0	18.80	18.81	18.75		
10	256QAM	1	0	18.00	17.95	17.92	19	1
10	256QAM	1	25	17.80	17.83	17.85		
10	256QAM	1	49	17.83	17.90	17.80		
10	256QAM	25	0	17.96	17.97	17.76	19	1
10	256QAM	25	12	17.86	17.95	17.81		
10	256QAM	25	25	17.90	17.87	17.72		
10	256QAM	50	0	17.79	17.89	17.75		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.93	18.93	18.89	20	0
5	QPSK	1	12	18.88	18.83	18.83		
5	QPSK	1	24	18.78	18.91	18.83		
5	QPSK	12	0	18.93	18.97	18.79	20	0
5	QPSK	12	7	18.82	18.88	18.85		
5	QPSK	12	13	18.89	18.80	18.83		
5	QPSK	25	0	18.90	18.84	18.83		
5	16QAM	1	0	18.87	18.83	18.80	20	0
5	16QAM	1	12	18.75	18.78	18.71		
5	16QAM	1	24	18.84	18.74	18.76		
5	16QAM	12	0	18.81	18.80	18.79	20	0
5	16QAM	12	7	18.76	18.85	18.75		
5	16QAM	12	13	18.82	18.74	18.74		
5	16QAM	25	0	18.82	18.77	18.64		
5	64QAM	1	0	18.88	18.87	18.84	20	0
5	64QAM	1	12	18.81	18.84	18.79		
5	64QAM	1	24	18.83	18.79	18.72		
5	64QAM	12	0	18.82	18.88	18.68	20	0
5	64QAM	12	7	18.73	18.72	18.69		
5	64QAM	12	13	18.83	18.77	18.71		
5	64QAM	25	0	18.87	18.80	18.65		
5	256QAM	1	0	17.97	18.01	17.85	19	1
5	256QAM	1	12	17.83	17.94	17.82		
5	256QAM	1	24	17.81	17.82	17.82		
5	256QAM	12	0	17.92	17.90	17.78	19	1
5	256QAM	12	7	17.90	17.91	17.84		
5	256QAM	12	13	17.87	17.82	17.74		
5	256QAM	25	0	17.82	17.94	17.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.98	18.92	18.88	20	0
3	QPSK	1	8	18.84	18.88	18.77		
3	QPSK	1	14	18.83	18.81	18.78		
3	QPSK	8	0	18.91	18.95	18.79	20	0
3	QPSK	8	4	18.82	18.91	18.82		
3	QPSK	8	7	18.85	18.88	18.81		
3	QPSK	15	0	18.87	18.93	18.85		
3	16QAM	1	0	18.93	18.86	18.78	20	0
3	16QAM	1	8	18.77	18.82	18.77		
3	16QAM	1	14	18.75	18.76	18.71		
3	16QAM	8	0	18.82	18.88	18.75	20	0
3	16QAM	8	4	18.76	18.84	18.85		
3	16QAM	8	7	18.80	18.79	18.66		
3	16QAM	15	0	18.76	18.74	18.71		
3	64QAM	1	0	18.91	18.85	18.89	20	0
3	64QAM	1	8	18.76	18.79	18.69		
3	64QAM	1	14	18.77	18.86	18.76		
3	64QAM	8	0	18.77	18.86	18.65	20	0
3	64QAM	8	4	18.71	18.75	18.72		
3	64QAM	8	7	18.85	18.76	18.77		
3	64QAM	15	0	18.83	18.74	18.66		
3	256QAM	1	0	17.96	18.06	17.90	19	1
3	256QAM	1	8	17.83	17.89	17.86		
3	256QAM	1	14	17.89	17.81	17.79		
3	256QAM	8	0	17.99	17.87	17.72	19	1
3	256QAM	8	4	17.83	17.95	17.92		
3	256QAM	8	7	17.87	17.79	17.78		
3	256QAM	15	0	17.79	17.92	17.79		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.97	18.94	18.88	20	0
1.4	QPSK	1	3	18.90	18.89	18.75		
1.4	QPSK	1	5	18.79	18.82	18.79		
1.4	QPSK	3	0	18.91	18.90	18.78		
1.4	QPSK	3	1	18.89	18.88	18.82		
1.4	QPSK	3	3	18.88	18.83	18.83		
1.4	QPSK	6	0	18.84	18.91	18.76	20	0
1.4	16QAM	1	0	18.91	18.87	18.78	20	0
1.4	16QAM	1	3	18.73	18.78	18.74		
1.4	16QAM	1	5	18.73	18.73	18.71		
1.4	16QAM	3	0	18.80	18.76	18.76		
1.4	16QAM	3	1	18.74	18.76	18.84		
1.4	16QAM	3	3	18.84	18.78	18.68		
1.4	16QAM	6	0	18.83	18.84	18.65	20	0
1.4	64QAM	1	0	18.98	18.80	18.90	20	0
1.4	64QAM	1	3	18.78	18.82	18.69		
1.4	64QAM	1	5	18.83	18.80	18.71		
1.4	64QAM	3	0	18.81	18.81	18.67		
1.4	64QAM	3	1	18.81	18.78	18.76		
1.4	64QAM	3	3	18.83	18.80	18.70		
1.4	64QAM	6	0	18.79	18.73	18.67	20	0
1.4	256QAM	1	0	17.95	17.98	17.92	19	1
1.4	256QAM	1	3	17.86	17.92	17.80		
1.4	256QAM	1	5	17.89	17.81	17.79		
1.4	256QAM	3	0	17.99	17.90	17.79		
1.4	256QAM	3	1	17.88	17.92	17.93		
1.4	256QAM	3	3	17.82	17.87	17.77		
1.4	256QAM	6	0	17.86	17.92	17.77	19	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.26	23.30	23.20	24	0
20	QPSK	1	49	23.21	23.29	23.12		
20	QPSK	1	99	23.22	23.27	23.08		
20	QPSK	50	0	22.27	22.25	22.16	23	1
20	QPSK	50	24	22.21	22.26	22.20		
20	QPSK	50	50	22.15	22.28	22.13		
20	QPSK	100	0	22.23	22.30	22.15		
20	16QAM	1	0	22.29	22.33	22.21	23	1
20	16QAM	1	49	22.16	22.24	22.07		
20	16QAM	1	99	22.17	22.31	22.05		
20	16QAM	50	0	21.24	21.30	21.14	22	2
20	16QAM	50	24	21.17	21.24	21.15		
20	16QAM	50	50	21.17	21.33	21.12		
20	16QAM	100	0	21.19	21.32	21.19		
20	64QAM	1	0	21.28	21.28	21.21	22	2
20	64QAM	1	49	21.15	21.29	21.14		
20	64QAM	1	99	21.19	21.22	21.08		
20	64QAM	50	0	20.24	20.27	20.11	21	3
20	64QAM	50	24	20.23	20.29	20.22		
20	64QAM	50	50	20.19	20.29	20.07		
20	64QAM	100	0	20.27	20.27	20.18		
20	256QAM	1	0	18.27	18.30	18.15	19	5
20	256QAM	1	49	18.20	18.35	18.16		
20	256QAM	1	99	18.19	18.25	18.05		
20	256QAM	50	0	18.22	18.26	18.11	19	5
20	256QAM	50	24	18.25	18.28	18.25		
20	256QAM	50	50	18.15	18.25	18.16		
20	256QAM	100	0	18.22	18.27	18.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.19	23.29	23.09	24	0
15	QPSK	1	37	23.15	23.27	23.03		
15	QPSK	1	74	23.11	23.23	23.01		
15	QPSK	36	0	22.17	22.15	22.08	23	1
15	QPSK	36	20	22.16	22.20	22.11		
15	QPSK	36	39	22.12	22.26	22.13		
15	QPSK	75	0	22.22	22.22	22.10		
15	16QAM	1	0	22.24	22.26	22.10	23	1
15	16QAM	1	37	22.09	22.18	22.00		
15	16QAM	1	74	22.15	22.20	21.99		
15	16QAM	36	0	21.19	21.27	21.05	22	2
15	16QAM	36	20	21.13	21.23	21.07		
15	16QAM	36	39	21.12	21.26	21.03		
15	16QAM	75	0	21.12	21.28	21.12		
15	64QAM	1	0	21.20	21.23	21.20	22	2
15	64QAM	1	37	21.09	21.24	21.09		
15	64QAM	1	74	21.12	21.12	21.08		
15	64QAM	36	0	20.18	20.26	20.02	21	3
15	64QAM	36	20	20.19	20.21	20.21		
15	64QAM	36	39	20.11	20.26	20.06		
15	64QAM	75	0	20.20	20.16	20.13		
15	256QAM	1	0	18.22	18.23	18.10	19	5
15	256QAM	1	37	18.19	18.32	18.09		
15	256QAM	1	74	18.16	18.15	18.01		
15	256QAM	36	0	18.21	18.17	18.04	19	5
15	256QAM	36	20	18.13	18.26	18.19		
15	256QAM	36	39	18.15	18.19	18.05		
15	256QAM	75	0	18.12	18.26	18.14		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.14	23.29	23.08	24	0
10	QPSK	1	25	23.19	23.26	23.05		
10	QPSK	1	49	23.21	23.20	23.03		
10	QPSK	25	0	22.21	22.24	22.15	23	1
10	QPSK	25	12	22.14	22.23	22.11		
10	QPSK	25	25	22.04	22.20	22.11		
10	QPSK	50	0	22.12	22.25	22.07		
10	16QAM	1	0	22.29	22.30	22.12	23	1
10	16QAM	1	25	22.10	22.21	21.98		
10	16QAM	1	49	22.08	22.28	21.96		
10	16QAM	25	0	21.13	21.28	21.07	22	2
10	16QAM	25	12	21.15	21.13	21.04		
10	16QAM	25	25	21.17	21.21	21.04		
10	16QAM	50	0	21.16	21.27	21.15		
10	64QAM	1	0	21.28	21.26	21.11	22	2
10	64QAM	1	25	21.08	21.19	21.03		
10	64QAM	1	49	21.19	21.21	21.02		
10	64QAM	25	0	20.14	20.26	20.00	21	3
10	64QAM	25	12	20.14	20.27	20.18		
10	64QAM	25	25	20.11	20.21	20.04		
10	64QAM	50	0	20.18	20.23	20.08		
10	256QAM	1	0	18.23	18.29	18.05	19	5
10	256QAM	1	25	18.18	18.27	18.11		
10	256QAM	1	49	18.11	18.20	18.03		
10	256QAM	25	0	18.18	18.26	18.08	19	5
10	256QAM	25	12	18.24	18.16	18.24		
10	256QAM	25	25	18.05	18.19	18.08		
10	256QAM	50	0	18.18	18.21	18.08		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.19	23.27	23.13	24	0
5	QPSK	1	12	23.15	23.24	23.05		
5	QPSK	1	24	23.17	23.21	23.05		
5	QPSK	12	0	22.26	22.25	22.06	23	1
5	QPSK	12	7	22.09	22.15	22.13		
5	QPSK	12	13	22.13	22.21	22.07		
5	QPSK	25	0	22.18	22.29	22.10		
5	16QAM	1	0	22.19	22.22	22.15	23	1
5	16QAM	1	12	22.09	22.16	22.06		
5	16QAM	1	24	22.13	22.22	22.02		
5	16QAM	12	0	21.14	21.25	21.06	22	2
5	16QAM	12	7	21.05	21.17	21.06		
5	16QAM	12	13	21.06	21.26	21.02		
5	16QAM	25	0	21.17	21.23	21.17		
5	64QAM	1	0	21.18	21.18	21.14	22	2
5	64QAM	1	12	21.06	21.17	21.14		
5	64QAM	1	24	21.07	21.21	20.97		
5	64QAM	12	0	20.22	20.24	20.07	21	3
5	64QAM	12	7	20.15	20.24	20.21		
5	64QAM	12	13	20.08	20.28	20.01		
5	64QAM	25	0	20.23	20.20	20.18		
5	256QAM	1	0	18.26	18.29	18.15	19	5
5	256QAM	1	12	18.10	18.23	18.05		
5	256QAM	1	24	18.17	18.14	18.01		
5	256QAM	12	0	18.12	18.17	18.03	19	5
5	256QAM	12	7	18.15	18.19	18.18		
5	256QAM	12	13	18.03	18.21	18.16		
5	256QAM	25	0	18.15	18.21	18.14		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.16	23.25	23.15	24	0
3	QPSK	1	8	23.10	23.21	23.05		
3	QPSK	1	14	23.20	23.17	23.04		
3	QPSK	8	0	22.21	22.22	22.09	23	1
3	QPSK	8	4	22.15	22.23	22.11		
3	QPSK	8	7	22.08	22.20	22.06		
3	QPSK	15	0	22.17	22.24	22.11		
3	16QAM	1	0	22.25	22.23	22.11	23	1
3	16QAM	1	8	22.16	22.23	21.98		
3	16QAM	1	14	22.07	22.30	22.04		
3	16QAM	8	0	21.17	21.21	21.02	22	2
3	16QAM	8	4	21.05	21.20	21.07		
3	16QAM	8	7	21.13	21.25	21.07		
3	16QAM	15	0	21.17	21.21	21.11		
3	64QAM	1	0	21.17	21.23	21.15	22	2
3	64QAM	1	8	21.13	21.27	21.12		
3	64QAM	1	14	21.19	21.18	21.05		
3	64QAM	8	0	20.16	20.19	20.00	21	3
3	64QAM	8	4	20.20	20.18	20.14		
3	64QAM	8	7	20.14	20.27	20.00		
3	64QAM	15	0	20.16	20.24	20.08		
3	256QAM	1	0	18.27	18.23	18.11	19	5
3	256QAM	1	8	18.13	18.29	18.06		
3	256QAM	1	14	18.19	18.20	17.97		
3	256QAM	8	0	18.20	18.15	18.00	19	5
3	256QAM	8	4	18.20	18.23	18.24		
3	256QAM	8	7	18.07	18.20	18.12		
3	256QAM	15	0	18.22	18.19	18.12		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.19	23.28	23.16	24	0
1.4	QPSK	1	3	23.15	23.19	23.03		
1.4	QPSK	1	5	23.15	23.18	23.07		
1.4	QPSK	3	0	23.18	23.26	23.17		
1.4	QPSK	3	1	23.21	23.24	23.03		
1.4	QPSK	3	3	23.15	23.17	23.04		
1.4	QPSK	6	0	22.27	22.23	22.07	23	1
1.4	16QAM	1	0	22.20	22.16	22.15	23	1
1.4	16QAM	1	3	22.14	22.17	22.04		
1.4	16QAM	1	5	22.18	22.29	22.10		
1.4	16QAM	3	0	22.24	22.26	22.19		
1.4	16QAM	3	1	22.14	22.13	21.98		
1.4	16QAM	3	3	22.09	22.27	22.02		
1.4	16QAM	6	0	21.16	21.26	21.03	22	2
1.4	64QAM	1	0	21.16	21.19	21.07	22	2
1.4	64QAM	1	3	21.09	21.23	21.11		
1.4	64QAM	1	5	21.18	21.28	21.08		
1.4	64QAM	3	0	21.24	21.16	21.16		
1.4	64QAM	3	1	21.10	21.22	21.02		
1.4	64QAM	3	3	21.15	21.17	20.98		
1.4	64QAM	6	0	20.24	20.27	20.06	21	3
1.4	256QAM	1	0	18.16	18.30	18.13	19	5
1.4	256QAM	1	3	18.13	18.31	18.11		
1.4	256QAM	1	5	18.09	18.25	17.95		
1.4	256QAM	3	0	18.21	18.23	18.10		
1.4	256QAM	3	1	18.22	18.26	18.22		
1.4	256QAM	3	3	18.11	18.25	18.15		
1.4	256QAM	6	0	18.18	18.22	18.13	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.19	20.27	20.21	21	0
20	QPSK	1	49	20.13	20.25	20.10		
20	QPSK	1	99	20.13	20.15	20.17		
20	QPSK	50	0	20.06	20.21	20.18	21	0
20	QPSK	50	24	20.13	20.15	20.13		
20	QPSK	50	50	20.08	20.19	20.07		
20	QPSK	100	0	20.07	20.20	20.09		
20	16QAM	1	0	20.05	20.17	20.15	21	0
20	16QAM	1	49	20.06	20.12	20.04		
20	16QAM	1	99	20.02	20.03	20.10		
20	16QAM	50	0	19.93	20.09	20.06	21	0
20	16QAM	50	24	20.00	20.10	20.00		
20	16QAM	50	50	20.05	20.14	19.96		
20	16QAM	100	0	20.05	20.11	20.02		
20	64QAM	1	0	20.15	20.15	20.13	21	0
20	64QAM	1	49	19.99	20.22	20.07		
20	64QAM	1	99	20.03	20.04	20.11		
20	64QAM	50	0	20.00	20.18	20.11	21	0
20	64QAM	50	24	20.04	20.12	20.06		
20	64QAM	50	50	19.97	20.05	20.00		
20	64QAM	100	0	19.94	20.15	19.96		
20	256QAM	1	0	18.24	18.23	18.26	19	2
20	256QAM	1	49	18.07	18.21	18.14		
20	256QAM	1	99	18.15	18.20	18.22		
20	256QAM	50	0	18.11	18.23	18.21	19	2
20	256QAM	50	24	18.18	18.16	18.17		
20	256QAM	50	50	18.12	18.14	18.02		
20	256QAM	100	0	18.08	18.19	18.14		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.16	20.19	20.17	21	0
15	QPSK	1	37	20.04	20.16	19.98		
15	QPSK	1	74	20.06	20.05	20.05		
15	QPSK	36	0	19.93	20.09	20.06	21	0
15	QPSK	36	20	20.02	20.04	20.06		
15	QPSK	36	39	19.95	20.11	20.04		
15	QPSK	75	0	19.93	20.13	19.97		
15	16QAM	1	0	19.96	20.03	20.09	21	0
15	16QAM	1	37	20.00	20.03	19.94		
15	16QAM	1	74	19.90	19.90	20.01		
15	16QAM	36	0	19.86	19.98	19.96	21	0
15	16QAM	36	20	19.95	20.04	19.96		
15	16QAM	36	39	20.02	20.10	19.92		
15	16QAM	75	0	20.02	19.98	19.90		
15	64QAM	1	0	20.06	20.11	20.08	21	0
15	64QAM	1	37	19.91	20.15	20.02		
15	64QAM	1	74	20.01	19.96	19.98		
15	64QAM	36	0	19.89	20.12	19.98	21	0
15	64QAM	36	20	19.99	20.00	20.00		
15	64QAM	36	39	19.85	20.00	19.98		
15	64QAM	75	0	19.86	20.06	19.90		
15	256QAM	1	0	18.18	18.15	18.19	19	2
15	256QAM	1	37	17.95	18.14	18.09		
15	256QAM	1	74	18.13	18.12	18.19		
15	256QAM	36	0	18.08	18.11	18.17	19	2
15	256QAM	36	20	18.05	18.11	18.09		
15	256QAM	36	39	18.00	18.03	17.93		
15	256QAM	75	0	17.99	18.14	18.06		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.16	20.16	20.12	21	0
10	QPSK	1	25	20.10	20.23	19.97		
10	QPSK	1	49	20.07	20.13	20.07		
10	QPSK	25	0	20.03	20.14	20.14	21	0
10	QPSK	25	12	20.02	20.02	20.05		
10	QPSK	25	25	19.95	20.08	20.00		
10	QPSK	50	0	20.02	20.15	20.00		
10	16QAM	1	0	19.96	20.11	20.04	21	0
10	16QAM	1	25	19.98	19.99	19.92		
10	16QAM	1	49	19.93	19.97	19.96		
10	16QAM	25	0	19.82	20.02	19.98	21	0
10	16QAM	25	12	19.96	20.00	19.92		
10	16QAM	25	25	19.98	20.06	19.84		
10	16QAM	50	0	19.91	19.98	19.99		
10	64QAM	1	0	20.09	20.04	20.03	21	0
10	64QAM	1	25	19.87	20.10	20.03		
10	64QAM	1	49	19.90	20.00	20.05		
10	64QAM	25	0	19.92	20.13	20.08	21	0
10	64QAM	25	12	19.91	20.01	20.02		
10	64QAM	25	25	19.83	20.02	19.88		
10	64QAM	50	0	19.86	20.10	19.88		
10	256QAM	1	0	18.12	18.10	18.19	19	2
10	256QAM	1	25	18.04	18.10	18.10		
10	256QAM	1	49	18.13	18.09	18.15		
10	256QAM	25	0	18.03	18.17	18.15	19	2
10	256QAM	25	12	18.13	18.05	18.07		
10	256QAM	25	25	18.07	18.11	17.95		
10	256QAM	50	0	18.00	18.15	18.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.06	20.22	20.16	21	0
5	QPSK	1	12	20.06	20.14	20.00		
5	QPSK	1	24	20.10	20.04	20.10		
5	QPSK	12	0	20.04	20.13	20.11	21	0
5	QPSK	12	7	20.00	20.11	20.10		
5	QPSK	12	13	19.99	20.12	20.01		
5	QPSK	25	0	19.99	20.15	20.03		
5	16QAM	1	0	20.01	20.14	20.05	21	0
5	16QAM	1	12	20.02	20.03	19.98		
5	16QAM	1	24	19.94	19.98	19.99		
5	16QAM	12	0	19.83	19.97	19.96	21	0
5	16QAM	12	7	19.94	20.02	19.96		
5	16QAM	12	13	19.97	20.10	19.88		
5	16QAM	25	0	19.98	20.06	19.92		
5	64QAM	1	0	20.04	20.03	20.05	21	0
5	64QAM	1	12	19.95	20.09	19.94		
5	64QAM	1	24	19.96	20.00	20.02		
5	64QAM	12	0	19.87	20.07	20.06	21	0
5	64QAM	12	7	19.96	20.01	20.01		
5	64QAM	12	13	19.85	19.97	19.88		
5	64QAM	25	0	19.91	20.06	19.88		
5	256QAM	1	0	18.20	18.19	18.23	19	2
5	256QAM	1	12	17.97	18.12	18.08		
5	256QAM	1	24	18.12	18.08	18.18		
5	256QAM	12	0	18.07	18.12	18.09	19	2
5	256QAM	12	7	18.14	18.04	18.03		
5	256QAM	12	13	17.98	18.07	17.92		
5	256QAM	25	0	18.04	18.06	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.24	23.37	23.27	24	0
20	QPSK	1	49	23.23	23.36	23.21		
20	QPSK	1	99	23.22	23.36	23.27		
20	QPSK	50	0	22.18	22.38	22.25	23	1
20	QPSK	50	24	22.19	22.35	22.30		
20	QPSK	50	50	22.22	22.33	22.18		
20	QPSK	100	0	22.17	22.35	22.27		
20	16QAM	1	0	22.22	22.39	22.25	23	1
20	16QAM	1	49	22.26	22.36	22.24		
20	16QAM	1	99	22.22	22.35	22.31		
20	16QAM	50	0	21.12	21.33	21.20	22	2
20	16QAM	50	24	21.22	21.37	21.27		
20	16QAM	50	50	21.20	21.32	21.24		
20	16QAM	100	0	21.18	21.34	21.29		
20	64QAM	1	0	21.29	21.36	21.24	22	2
20	64QAM	1	49	21.20	21.34	21.25		
20	64QAM	1	99	21.19	21.38	21.31		
20	64QAM	50	0	20.23	20.36	20.23	21	3
20	64QAM	50	24	20.16	20.31	20.33		
20	64QAM	50	50	20.28	20.36	20.15		
20	64QAM	100	0	20.19	20.38	20.27		
20	256QAM	1	0	18.18	18.37	18.23	19	5
20	256QAM	1	49	18.23	18.31	18.20		
20	256QAM	1	99	18.25	18.36	18.28		
20	256QAM	50	0	18.14	18.35	18.24	19	5
20	256QAM	50	24	18.21	18.33	18.28		
20	256QAM	50	50	18.23	18.39	18.14		
20	256QAM	100	0	18.19	18.30	18.31		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.14	23.34	23.23	24	0
15	QPSK	1	37	23.15	23.27	23.18		
15	QPSK	1	74	23.18	23.27	23.20		
15	QPSK	36	0	22.15	22.27	22.16	23	1
15	QPSK	36	20	22.11	22.24	22.20		
15	QPSK	36	39	22.19	22.21	22.11		
15	QPSK	75	0	22.05	22.25	22.16		
15	16QAM	1	0	22.21	22.36	22.17	23	1
15	16QAM	1	37	22.20	22.29	22.17		
15	16QAM	1	74	22.15	22.34	22.31		
15	16QAM	36	0	21.03	21.27	21.17	22	2
15	16QAM	36	20	21.22	21.28	21.17		
15	16QAM	36	39	21.10	21.27	21.13		
15	16QAM	75	0	21.16	21.25	21.28		
15	64QAM	1	0	21.26	21.28	21.17	22	2
15	64QAM	1	37	21.15	21.33	21.19		
15	64QAM	1	74	21.13	21.30	21.24		
15	64QAM	36	0	20.20	20.26	20.21	21	3
15	64QAM	36	20	20.06	20.31	20.30		
15	64QAM	36	39	20.27	20.29	20.08		
15	64QAM	75	0	20.09	20.28	20.19		
15	256QAM	1	0	18.15	18.33	18.21	19	5
15	256QAM	1	37	18.18	18.26	18.13		
15	256QAM	1	74	18.18	18.35	18.20		
15	256QAM	36	0	18.08	18.29	18.22	19	5
15	256QAM	36	20	18.14	18.28	18.18		
15	256QAM	36	39	18.12	18.37	18.13		
15	256QAM	75	0	18.15	18.24	18.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.12	23.36	23.22	24	0
10	QPSK	1	25	23.23	23.31	23.18		
10	QPSK	1	49	23.19	23.29	23.24		
10	QPSK	25	0	22.17	22.27	22.24	23	1
10	QPSK	25	12	22.10	22.31	22.24		
10	QPSK	25	25	22.20	22.33	22.15		
10	QPSK	50	0	22.08	22.28	22.20		
10	16QAM	1	0	22.15	22.33	22.20	23	1
10	16QAM	1	25	22.22	22.28	22.24		
10	16QAM	1	49	22.18	22.34	22.23		
10	16QAM	25	0	21.12	21.26	21.19	22	2
10	16QAM	25	12	21.18	21.26	21.26		
10	16QAM	25	25	21.13	21.23	21.17		
10	16QAM	50	0	21.09	21.33	21.21		
10	64QAM	1	0	21.23	21.32	21.16	22	2
10	64QAM	1	25	21.15	21.23	21.17		
10	64QAM	1	49	21.12	21.27	21.24		
10	64QAM	25	0	20.16	20.30	20.14	21	3
10	64QAM	25	12	20.04	20.25	20.25		
10	64QAM	25	25	20.21	20.31	20.14		
10	64QAM	50	0	20.11	20.34	20.24		
10	256QAM	1	0	18.11	18.26	18.18	19	5
10	256QAM	1	25	18.16	18.23	18.14		
10	256QAM	1	49	18.18	18.28	18.27		
10	256QAM	25	0	18.11	18.28	18.13	19	5
10	256QAM	25	12	18.14	18.28	18.19		
10	256QAM	25	25	18.15	18.33	18.11		
10	256QAM	50	0	18.13	18.24	18.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.17	23.36	23.18	24	0
5	QPSK	1	12	23.16	23.34	23.12		
5	QPSK	1	24	23.12	23.24	23.16		
5	QPSK	12	0	22.11	22.28	22.24	23	1
5	QPSK	12	7	22.16	22.28	22.25		
5	QPSK	12	13	22.20	22.26	22.18		
5	QPSK	25	0	22.09	22.24	22.16		
5	16QAM	1	0	22.11	22.29	22.15	23	1
5	16QAM	1	12	22.18	22.34	22.20		
5	16QAM	1	24	22.11	22.26	22.31		
5	16QAM	12	0	21.01	21.32	21.14	22	2
5	16QAM	12	7	21.19	21.28	21.15		
5	16QAM	12	13	21.14	21.21	21.22		
5	16QAM	25	0	21.13	21.27	21.27		
5	64QAM	1	0	21.23	21.31	21.16	22	2
5	64QAM	1	12	21.14	21.33	21.14		
5	64QAM	1	24	21.16	21.28	21.30		
5	64QAM	12	0	20.14	20.33	20.23	21	3
5	64QAM	12	7	20.15	20.30	20.32		
5	64QAM	12	13	20.22	20.27	20.13		
5	64QAM	25	0	20.08	20.37	20.25		
5	256QAM	1	0	18.07	18.34	18.15	19	5
5	256QAM	1	12	18.12	18.28	18.09		
5	256QAM	1	24	18.19	18.27	18.21		
5	256QAM	12	0	18.06	18.25	18.21	19	5
5	256QAM	12	7	18.13	18.26	18.24		
5	256QAM	12	13	18.22	18.35	18.12		
5	256QAM	25	0	18.15	18.24	18.23		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.20	23.34	23.20	24	0
3	QPSK	1	8	23.20	23.32	23.11		
3	QPSK	1	14	23.17	23.30	23.15		
3	QPSK	8	0	22.10	22.32	22.17	23	1
3	QPSK	8	4	22.13	22.28	22.28		
3	QPSK	8	7	22.20	22.30	22.10		
3	QPSK	15	0	22.12	22.26	22.16		
3	16QAM	1	0	22.18	22.36	22.22	23	1
3	16QAM	1	8	22.15	22.27	22.18		
3	16QAM	1	14	22.19	22.29	22.20		
3	16QAM	8	0	21.02	21.30	21.15	22	2
3	16QAM	8	4	21.22	21.30	21.21		
3	16QAM	8	7	21.17	21.27	21.16		
3	16QAM	15	0	21.12	21.31	21.21		
3	64QAM	1	0	21.23	21.29	21.17	22	2
3	64QAM	1	8	21.08	21.33	21.21		
3	64QAM	1	14	21.09	21.35	21.24		
3	64QAM	8	0	20.14	20.26	20.13	21	3
3	64QAM	8	4	20.11	20.23	20.23		
3	64QAM	8	7	20.24	20.34	20.06		
3	64QAM	15	0	20.10	20.37	20.16		
3	256QAM	1	0	18.10	18.35	18.12	19	5
3	256QAM	1	8	18.22	18.28	18.12		
3	256QAM	1	14	18.19	18.36	18.18		
3	256QAM	8	0	18.10	18.31	18.13	19	5
3	256QAM	8	4	18.18	18.28	18.16		
3	256QAM	8	7	18.20	18.36	18.11		
3	256QAM	15	0	18.11	18.26	18.22		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.20	23.32	23.25	24	0
1.4	QPSK	1	3	23.19	23.27	23.09		
1.4	QPSK	1	5	23.11	23.32	23.23		
1.4	QPSK	3	0	23.24	23.31	23.25		
1.4	QPSK	3	1	23.21	23.34	23.19		
1.4	QPSK	3	3	23.16	23.36	23.22		
1.4	QPSK	6	0	22.08	22.28	22.23	24	0
1.4	16QAM	1	0	22.17	22.24	22.29	24	0
1.4	16QAM	1	3	22.15	22.29	22.11		
1.4	16QAM	1	5	22.09	22.24	22.27		
1.4	16QAM	3	0	22.13	22.36	22.16		
1.4	16QAM	3	1	22.17	22.31	22.17		
1.4	16QAM	3	3	22.11	22.29	22.22		
1.4	16QAM	6	0	21.09	21.29	21.16	24	0
1.4	64QAM	1	0	21.12	21.37	21.22	24	0
1.4	64QAM	1	3	21.13	21.24	21.15		
1.4	64QAM	1	5	21.07	21.27	21.25		
1.4	64QAM	3	0	21.27	21.28	21.19		
1.4	64QAM	3	1	21.13	21.30	21.14		
1.4	64QAM	3	3	21.14	21.33	21.27		
1.4	64QAM	6	0	20.08	20.36	20.22	24	0
1.4	256QAM	1	0	18.18	18.35	18.11	23	1
1.4	256QAM	1	3	18.14	18.30	18.18		
1.4	256QAM	1	5	18.15	18.28	18.24		
1.4	256QAM	3	0	18.07	18.34	18.13		
1.4	256QAM	3	1	18.10	18.23	18.16		
1.4	256QAM	3	3	18.19	18.30	18.11		
1.4	256QAM	6	0	18.12	18.30	18.29	23	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.25	20.30	20.27	21	0
20	QPSK	1	49	20.16	20.16	20.14		
20	QPSK	1	99	20.19	20.22	20.20		
20	QPSK	50	0	20.18	20.24	20.22	21	0
20	QPSK	50	24	20.19	20.21	20.14		
20	QPSK	50	50	20.13	20.17	20.20		
20	QPSK	100	0	20.21	20.21	20.18		
20	16QAM	1	0	20.22	20.17	20.15	21	0
20	16QAM	1	49	20.03	20.14	20.06		
20	16QAM	1	99	20.14	20.12	20.11		
20	16QAM	50	0	20.06	20.15	20.11	21	0
20	16QAM	50	24	20.05	20.10	20.05		
20	16QAM	50	50	20.09	20.14	20.18		
20	16QAM	100	0	20.10	20.18	20.12		
20	64QAM	1	0	20.19	20.20	20.23	21	0
20	64QAM	1	49	20.14	20.11	20.04		
20	64QAM	1	99	20.16	20.11	20.14		
20	64QAM	50	0	20.14	20.19	20.15	21	0
20	64QAM	50	24	20.15	20.08	20.03		
20	64QAM	50	50	20.04	20.14	20.11		
20	64QAM	100	0	20.11	20.13	20.12		
20	256QAM	1	0	18.26	18.25	18.30	19	2
20	256QAM	1	49	18.10	18.21	18.15		
20	256QAM	1	99	18.14	18.25	18.18		
20	256QAM	50	0	18.21	18.22	18.17	19	2
20	256QAM	50	24	18.20	18.24	18.19		
20	256QAM	50	50	18.11	18.15	18.20		
20	256QAM	100	0	18.19	18.15	18.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.17	20.21	20.14	21	0
15	QPSK	1	37	20.03	20.13	20.03		
15	QPSK	1	74	20.09	20.17	20.15		
15	QPSK	36	0	20.07	20.16	20.19	21	0
15	QPSK	36	20	20.12	20.18	20.10		
15	QPSK	36	39	20.09	20.12	20.07		
15	QPSK	75	0	20.17	20.12	20.10		
15	16QAM	1	0	20.17	20.14	20.09	21	0
15	16QAM	1	37	19.99	20.03	20.04		
15	16QAM	1	74	20.11	20.01	20.01		
15	16QAM	36	0	19.92	20.03	19.99	21	0
15	16QAM	36	20	19.96	20.01	19.97		
15	16QAM	36	39	20.04	20.03	20.05		
15	16QAM	75	0	20.05	20.09	20.06		
15	64QAM	1	0	20.16	20.09	20.09	21	0
15	64QAM	1	37	20.11	20.08	19.96		
15	64QAM	1	74	20.13	20.02	20.01		
15	64QAM	36	0	20.03	20.09	20.03	21	0
15	64QAM	36	20	20.02	20.02	19.93		
15	64QAM	36	39	19.94	20.12	20.00		
15	64QAM	75	0	20.01	20.01	20.09		
15	256QAM	1	0	18.17	18.18	18.19	19	2
15	256QAM	1	37	17.98	18.11	18.03		
15	256QAM	1	74	18.09	18.17	18.14		
15	256QAM	36	0	18.13	18.12	18.05	19	2
15	256QAM	36	20	18.08	18.12	18.05		
15	256QAM	36	39	18.08	18.05	18.10		
15	256QAM	75	0	18.08	18.01	18.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.20	20.22	20.18	21	0
10	QPSK	1	25	20.08	20.13	20.05		
10	QPSK	1	49	20.13	20.14	20.13		
10	QPSK	25	0	20.12	20.16	20.13	21	0
10	QPSK	25	12	20.06	20.14	20.05		
10	QPSK	25	25	20.01	20.15	20.12		
10	QPSK	50	0	20.11	20.11	20.09		
10	16QAM	1	0	20.11	20.11	20.13	21	0
10	16QAM	1	25	19.90	20.05	19.98		
10	16QAM	1	49	20.07	20.03	20.06		
10	16QAM	25	0	20.03	20.10	20.08	21	0
10	16QAM	25	12	19.95	19.99	20.02		
10	16QAM	25	25	20.03	20.02	20.11		
10	16QAM	50	0	19.96	20.09	20.02		
10	64QAM	1	0	20.12	20.13	20.13	21	0
10	64QAM	1	25	20.03	19.98	19.99		
10	64QAM	1	49	20.09	20.08	20.05		
10	64QAM	25	0	20.04	20.16	20.10	21	0
10	64QAM	25	12	20.07	20.01	19.93		
10	64QAM	25	25	19.90	20.02	20.06		
10	64QAM	50	0	19.99	20.09	19.99		
10	256QAM	1	0	18.16	18.14	18.18	19	2
10	256QAM	1	25	18.04	18.14	18.09		
10	256QAM	1	49	18.04	18.12	18.07		
10	256QAM	25	0	18.16	18.08	18.05	19	2
10	256QAM	25	12	18.09	18.20	18.14		
10	256QAM	25	25	18.04	18.06	18.09		
10	256QAM	50	0	18.05	18.07	18.16		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.18	20.22	20.15	21	0
5	QPSK	1	12	20.13	20.05	20.09		
5	QPSK	1	24	20.14	20.12	20.18		
5	QPSK	12	0	20.05	20.19	20.14	21	0
5	QPSK	12	7	20.12	20.08	20.06		
5	QPSK	12	13	20.08	20.07	20.07		
5	QPSK	25	0	20.19	20.11	20.16		
5	16QAM	1	0	20.19	20.14	20.10	21	0
5	16QAM	1	12	19.94	20.01	19.97		
5	16QAM	1	24	20.04	20.01	20.08		
5	16QAM	12	0	19.98	20.11	20.06	21	0
5	16QAM	12	7	19.95	20.07	20.00		
5	16QAM	12	13	20.01	20.11	20.09		
5	16QAM	25	0	20.04	20.04	20.07		
5	64QAM	1	0	20.13	20.17	20.21	21	0
5	64QAM	1	12	20.08	20.07	19.93		
5	64QAM	1	24	20.10	20.08	20.02		
5	64QAM	12	0	20.02	20.07	20.01	21	0
5	64QAM	12	7	20.11	20.02	19.90		
5	64QAM	12	13	19.97	20.01	20.03		
5	64QAM	25	0	20.01	20.08	20.03		
5	256QAM	1	0	18.14	18.23	18.17	19	2
5	256QAM	1	12	17.99	18.15	18.06		
5	256QAM	1	24	18.02	18.16	18.07		
5	256QAM	12	0	18.17	18.18	18.06	19	2
5	256QAM	12	7	18.12	18.16	18.10		
5	256QAM	12	13	18.08	18.04	18.09		
5	256QAM	25	0	18.11	18.01	18.16		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.29	20.25	20.35	20.34	20.26	21	0
20	QPSK	1	49	20.16	20.18	20.27	20.25	20.22		
20	QPSK	1	99	20.22	20.21	20.25	20.31	20.22		
20	QPSK	50	0	20.23	20.12	20.31	20.27	20.22	21	0
20	QPSK	50	24	20.27	20.20	20.26	20.30	20.16		
20	QPSK	50	50	20.25	20.12	20.22	20.24	20.16		
20	QPSK	100	0	20.17	20.12	20.27	20.30	20.20		
20	16QAM	1	0	20.24	20.22	20.22	20.21	20.19	21	0
20	16QAM	1	49	20.14	20.04	20.23	20.17	20.09		
20	16QAM	1	99	20.19	20.16	20.11	20.26	20.10		
20	16QAM	50	0	20.20	20.07	20.27	20.19	20.19	21	0
20	16QAM	50	24	20.15	20.08	20.17	20.23	20.10		
20	16QAM	50	50	20.13	20.05	20.09	20.18	20.10		
20	16QAM	100	0	20.07	20.00	20.20	20.16	20.06		
20	64QAM	1	0	20.22	20.18	20.24	20.23	20.21	21	0
20	64QAM	1	49	20.09	20.07	20.15	20.20	20.17		
20	64QAM	1	99	20.15	20.15	20.20	20.19	20.14		
20	64QAM	50	0	20.11	20.10	20.28	20.17	20.17	21	0
20	64QAM	50	24	20.16	20.17	20.18	20.22	20.10		
20	64QAM	50	50	20.12	19.99	20.18	20.13	20.13		
20	64QAM	100	0	20.04	20.08	20.13	20.22	20.11		
20	256QAM	1	0	18.29	18.25	18.29	18.36	18.22	19	2
20	256QAM	1	49	18.15	18.20	18.30	18.30	18.21		
20	256QAM	1	99	18.22	18.16	18.19	18.28	18.22		
20	256QAM	50	0	18.23	18.15	18.33	18.32	18.17	19	2
20	256QAM	50	24	18.29	18.15	18.22	18.25	18.17		
20	256QAM	50	50	18.21	18.15	18.23	18.24	18.20		
20	256QAM	100	0	18.23	18.17	18.23	18.36	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	20.17	20.18	20.28	20.27	20.13	21.00	0
15	QPSK	1	37	20.11	20.05	20.18	20.15	20.20		
15	QPSK	1	74	20.08	20.14	20.15	20.25	20.13		
15	QPSK	36	0	20.14	20.05	20.23	20.20	20.12	21	0
15	QPSK	36	20	20.24	20.16	20.22	20.22	20.04		
15	QPSK	36	39	20.11	20.04	20.13	20.16	20.03		
15	QPSK	75	0	20.08	20.08	20.16	20.17	20.14		
15	16QAM	1	0	20.16	20.11	20.13	20.10	20.07	21	0
15	16QAM	1	37	20.11	20.00	20.10	20.11	20.02		
15	16QAM	1	74	20.12	20.09	19.98	20.20	19.98		
15	16QAM	36	0	20.14	20.05	20.13	20.05	20.08	21	0
15	16QAM	36	20	20.12	19.98	20.07	20.14	20.04		
15	16QAM	36	39	20.10	19.96	20.04	20.13	19.96		
15	16QAM	75	0	20.00	19.90	20.14	20.11	19.98		
15	64QAM	1	0	20.09	20.06	20.21	20.16	20.08	21	0
15	64QAM	1	37	19.98	20.02	20.07	20.11	20.03		
15	64QAM	1	74	20.02	20.11	20.18	20.12	20.02		
15	64QAM	36	0	20.09	19.98	20.21	20.10	20.07	21	0
15	64QAM	36	20	20.05	20.03	20.05	20.18	20.02		
15	64QAM	36	39	20.09	19.93	20.11	20.10	20.01		
15	64QAM	75	0	19.96	19.99	20.10	20.15	20.06		
15	256QAM	1	0	18.15	18.11	18.23	18.28	18.09	19	2
15	256QAM	1	37	18.10	18.08	18.22	18.17	18.18		
15	256QAM	1	74	18.12	18.09	18.09	18.20	18.13		
15	256QAM	36	0	18.10	18.13	18.26	18.25	18.08	19	2
15	256QAM	36	20	18.18	18.06	18.09	18.19	18.11		
15	256QAM	36	39	18.15	18.09	18.16	18.14	18.10		
15	256QAM	75	0	18.17	18.08	18.18	18.23	18.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.18	20.18	20.30	20.24	20.21	21.00	0
10	QPSK	1	25	20.06	20.07	20.18	20.19	20.16		
10	QPSK	1	49	20.12	20.18	20.15	20.24	20.19		
10	QPSK	25	0	20.19	20.08	20.26	20.17	20.15	21	0
10	QPSK	25	12	20.16	20.18	20.19	20.25	20.02		
10	QPSK	25	25	20.13	20.01	20.12	20.16	20.10		
10	QPSK	50	0	20.12	19.99	20.22	20.19	20.11		
10	16QAM	1	0	20.16	20.15	20.18	20.07	20.11	21	0
10	16QAM	1	25	20.03	20.01	20.14	20.09	19.97		
10	16QAM	1	49	20.11	20.07	20.03	20.16	19.98		
10	16QAM	25	0	20.09	19.95	20.14	20.05	20.10	21	0
10	16QAM	25	12	20.10	20.00	20.06	20.13	20.01		
10	16QAM	25	25	20.01	19.97	20.05	20.12	20.02		
10	16QAM	50	0	19.97	19.97	20.17	20.13	20.04		
10	64QAM	1	0	20.12	20.14	20.19	20.16	20.16	21	0
10	64QAM	1	25	20.07	19.98	20.08	20.08	20.09		
10	64QAM	1	49	20.13	20.05	20.14	20.14	20.03		
10	64QAM	25	0	20.06	20.04	20.22	20.11	20.09	21	0
10	64QAM	25	12	20.06	20.11	20.10	20.09	20.03		
10	64QAM	25	25	20.07	19.88	20.09	20.09	20.09		
10	64QAM	50	0	19.95	20.04	20.04	20.19	20.02		
10	256QAM	1	0	18.18	18.13	18.23	18.24	18.09	19	2
10	256QAM	1	25	18.03	18.08	18.18	18.26	18.09		
10	256QAM	1	49	18.09	18.10	18.13	18.24	18.13		
10	256QAM	25	0	18.20	18.05	18.28	18.23	18.04	19	2
10	256QAM	25	12	18.17	18.03	18.14	18.12	18.14		
10	256QAM	25	25	18.17	18.06	18.21	18.13	18.15		
10	256QAM	50	0	18.14	18.09	18.12	18.33	18.06		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.15	20.17	20.26	20.30	20.19	21.00	0
5	QPSK	1	12	20.05	20.14	20.18	20.19	20.08		
5	QPSK	1	24	20.18	20.09	20.18	20.17	20.11		
5	QPSK	12	0	20.20	20.03	20.23	20.18	20.10	21	0
5	QPSK	12	7	20.16	20.11	20.16	20.21	20.03		
5	QPSK	12	13	20.20	20.05	20.13	20.13	20.05		
5	QPSK	25	0	20.04	20.07	20.18	20.21	20.13		
5	16QAM	1	0	20.10	20.19	20.15	20.09	20.17	21	0
5	16QAM	1	12	20.09	20.00	20.18	20.04	20.04		
5	16QAM	1	24	20.10	20.03	20.01	20.12	19.99		
5	16QAM	12	0	20.13	19.97	20.24	20.17	20.08	21	0
5	16QAM	12	7	20.05	19.97	20.12	20.13	20.02		
5	16QAM	12	13	20.06	20.00	19.98	20.15	20.01		
5	16QAM	25	0	19.95	19.89	20.17	20.03	19.95		
5	64QAM	1	0	20.13	20.04	20.11	20.17	20.17	21	0
5	64QAM	1	12	20.04	19.98	20.08	20.08	20.03		
5	64QAM	1	24	20.05	20.09	20.08	20.07	20.11		
5	64QAM	12	0	20.04	20.06	20.20	20.07	20.08	21	0
5	64QAM	12	7	20.13	20.08	20.10	20.08	20.08		
5	64QAM	12	13	20.09	19.94	20.09	20.11	20.07		
5	64QAM	25	0	20.00	19.98	20.07	20.20	20.00		
5	256QAM	1	0	18.26	18.14	18.20	18.32	18.11	19	2
5	256QAM	1	12	18.07	18.08	18.16	18.19	18.14		
5	256QAM	1	24	18.10	18.06	18.08	18.24	18.14		
5	256QAM	12	0	18.20	18.01	18.24	18.19	18.12	19	2
5	256QAM	12	7	18.17	18.04	18.19	18.23	18.14		
5	256QAM	12	13	18.10	18.10	18.10	18.15	18.10		
5	256QAM	25	0	18.15	18.05	18.21	18.27	18.07		

Full&Default Power Mode

n2 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.97	22.94	22.90	24.5	0.0
20	PI/2 BPSK	1	53	22.99	23.02	22.96		
20	PI/2 BPSK	1	104	22.79	22.87	22.81		
20	PI/2 BPSK	50	0	22.51	22.58	22.45	24.0	0.5
20	PI/2 BPSK	50	28	22.99	23.02	22.94	24.5	0.0
20	PI/2 BPSK	50	56	22.43	22.56	22.43	24.0	0.5
20	PI/2 BPSK	100	0	22.46	22.59	22.51		
20	QPSK	1	1	22.93	23.07	22.96	24.5	0.0
20	QPSK	1	53	22.99	23.01	22.94		
20	QPSK	1	104	22.79	22.88	22.84		
20	QPSK	50	0	21.96	22.08	22.03	23.5	1.0
20	QPSK	50	28	22.92	23.05	22.91	24.5	0.0
20	QPSK	50	56	22.00	22.07	22.05	23.5	1.0
20	QPSK	100	0	22.06	22.12	22.03		
20	16QAM	1	1	21.76	21.79	21.75	23.5	1.0
20	64QAM	1	1	20.29	20.40	20.35	22.0	2.5
20	256QAM	1	1	18.90	19.03	18.97	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.87	22.93	22.93	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.84	23.01	22.90	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.89	23.02	22.86	24.5	0.0

n5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.20	24.27	24.15	25.7	0.0
20	PI/2 BPSK	1	53	24.39	24.45	24.36		
20	PI/2 BPSK	1	104	24.35	24.47	24.34		
20	PI/2 BPSK	50	0	23.96	24.09	23.99	25.2	0.5
20	PI/2 BPSK	50	28	24.39	24.45	24.31	25.7	0.0
20	PI/2 BPSK	50	56	24.01	24.09	24.01	25.2	0.5
20	PI/2 BPSK	100	0	24.03	24.08	23.98		
20	QPSK	1	1	24.49	24.58	24.50	25.7	0.0
20	QPSK	1	53	24.32	24.43	24.35		
20	QPSK	1	104	24.31	24.38	24.29		
20	QPSK	50	0	23.48	23.61	23.54	24.7	1.0
20	QPSK	50	28	24.39	24.47	24.38	25.7	0.0
20	QPSK	50	56	23.06	23.11	23.09	24.7	1.0
20	QPSK	100	0	23.55	23.65	23.52		
20	16QAM	1	1	23.10	23.22	23.18	24.7	1.0
20	64QAM	1	1	21.70	21.81	21.77	23.2	2.5
20	256QAM	1	1	20.31	20.42	20.36	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.39	24.51	24.38	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.39	24.50	24.45	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.45	24.48	24.46	25.7	0.0

n7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.38	23.45	23.37	25.0	0.0
50	PI/2 BPSK	1	135	23.38	23.44	23.41		
50	PI/2 BPSK	1	268	23.31	23.33	23.19		
50	PI/2 BPSK	135	0	22.90	23.00	22.90	24.5	0.5
50	PI/2 BPSK	135	68	23.35	23.40	23.35	25.0	0.0
50	PI/2 BPSK	135	135	23.02	23.15	23.13	24.5	0.5
50	PI/2 BPSK	270	0	22.94	23.04	22.98		
50	QPSK	1	1	23.38	23.41	23.35	25.0	0.0
50	QPSK	1	135	23.33	23.46	23.34		
50	QPSK	1	268	23.49	23.52	23.45		
50	QPSK	135	0	22.44	22.50	22.38	24.0	1.0
50	QPSK	135	68	23.34	23.42	23.38	25.0	0.0
50	QPSK	135	135	22.54	22.63	22.57	24.0	1.0
50	QPSK	270	0	22.50	22.58	22.45		
50	16QAM	1	1	22.12	22.26	22.12	24.0	1.0
50	64QAM	1	1	20.75	20.85	20.81	22.5	2.5
50	256QAM	1	1	19.04	19.03	19.00	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.38	23.48	23.37	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.44	23.46	23.39	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.38	23.40	23.38	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.37	23.40	23.35	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.46	23.49	23.32	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.40	23.40	23.40	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.46	23.47	23.40	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.64	23.75	23.65	25.5	0.0
40	PI/2 BPSK	1	108	23.53	23.67	23.65		
40	PI/2 BPSK	1	214	23.54	23.64	23.61		
40	PI/2 BPSK	108	0	23.10	23.17	23.03	25.0	0.5
40	PI/2 BPSK	108	54	23.55	23.66	23.52	25.5	0.0
40	PI/2 BPSK	108	108	23.13	23.22	23.09	25.0	0.5
40	PI/2 BPSK	216	0	23.19	23.28	23.17		
40	QPSK	1	1	23.69	23.78	23.74	25.5	0.0
40	QPSK	1	108	23.59	23.62	23.56		
40	QPSK	1	214	23.54	23.59	23.54		
40	QPSK	108	0	22.54	22.60	22.53	24.5	1.0
40	QPSK	108	54	23.56	23.62	23.51	25.5	0.0
40	QPSK	108	108	22.65	22.70	22.66	24.5	1.0
40	QPSK	216	0	22.65	22.67	22.63		
40	16QAM	1	1	22.62	22.64	22.56	24.5	1.0
40	64QAM	1	1	21.03	21.15	21.04	23.0	2.5
40	256QAM	1	1	19.40	19.46	19.37	21.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.56	23.74	23.62	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.63	23.69	23.61	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.65	23.69	23.72	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.61	23.73	23.63	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.59	23.67	23.66	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.65	23.72	23.66	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.62	23.70	23.63	24.5	0.0
50	PI/2 BPSK	1	135	23.62	23.68	23.54		
50	PI/2 BPSK	1	268	23.62	23.71	23.51		
50	PI/2 BPSK	135	0	23.28	23.35	23.24	24.0	0.5
50	PI/2 BPSK	135	68	23.57	23.79	23.58	24.5	0.0
50	PI/2 BPSK	135	135	23.27	23.33	23.25	24.0	0.5
50	PI/2 BPSK	270	0	23.27	23.41	23.32		
50	QPSK	1	1	23.78	23.77	23.66	24.5	0.0
50	QPSK	1	135	23.67	23.75	23.67		
50	QPSK	1	268	23.81	23.86	23.79		
50	QPSK	135	0	22.77	22.82	22.81	23.5	1.0
50	QPSK	135	68	23.67	23.81	23.65	24.5	0.0
50	QPSK	135	135	22.78	22.84	22.75	23.5	1.0
50	QPSK	270	0	22.81	22.85	22.79		
50	16QAM	1	1	22.82	22.82	22.77	23.5	1.0
50	64QAM	1	1	21.32	21.37	21.34	22.0	2.5
50	256QAM	1	1	19.33	19.37	19.28	20.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.64	23.75	23.55	24.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.57	23.74	23.60	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.55	23.75	23.54	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.53	23.76	23.57	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.59	23.69	23.52	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.58	23.72	23.59	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.56	23.77	23.52	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.92	21.95	21.97	23.5	0.0
20	PI/2 BPSK	1	53	21.93	22.03	21.88		
20	PI/2 BPSK	1	104	21.90	21.96	21.94		
20	PI/2 BPSK	50	0	21.47	21.57	21.53	23.0	0.5
20	PI/2 BPSK	50	28	21.94	21.93	21.94	23.5	0.0
20	PI/2 BPSK	50	56	21.54	21.56	21.47	23.0	0.5
20	PI/2 BPSK	100	0	21.48	21.51	21.51		
20	QPSK	1	1	22.00	22.06	22.01	23.5	0.0
20	QPSK	1	53	21.87	22.03	21.88		
20	QPSK	1	104	21.87	21.94	21.98		
20	QPSK	50	0	21.05	21.11	21.04	22.5	1.0
20	QPSK	50	28	21.95	21.99	21.97	23.5	0.0
20	QPSK	50	56	21.00	21.05	21.04	22.5	1.0
20	QPSK	100	0	21.02	21.05	20.99		
20	16QAM	1	1	20.94	21.09	21.02	22.5	1.0
20	64QAM	1	1	19.56	19.53	19.48	21.0	2.5
20	256QAM	1	1	17.55	17.57	17.47	19.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.95	22.00	21.91	23.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.96	21.95	21.94	23.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.97	21.96	21.98	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.42	24.50	24.46	25.7	0.0
20	PI/2 BPSK	1	53	24.41	24.49	24.38		
20	PI/2 BPSK	1	104	24.43	24.53	24.47		
20	PI/2 BPSK	50	0	24.01	24.07	23.95	25.2	0.5
20	PI/2 BPSK	50	28	24.47	24.53	24.43	25.7	0.0
20	PI/2 BPSK	50	56	24.01	24.09	23.96	25.2	0.5
20	PI/2 BPSK	100	0	24.05	24.05	24.06		
20	QPSK	1	1	24.52	24.59	24.50	25.7	0.0
20	QPSK	1	53	24.39	24.48	24.39		
20	QPSK	1	104	24.46	24.46	24.42		
20	QPSK	50	0	23.46	23.62	23.47	24.7	1.0
20	QPSK	50	28	24.39	24.56	24.47	25.7	0.0
20	QPSK	50	56	23.50	23.61	23.47	24.7	1.0
20	QPSK	100	0	23.53	23.57	23.51		
20	16QAM	1	1	23.47	23.60	23.46	24.7	1.0
20	64QAM	1	1	22.08	22.14	21.99	23.2	2.5
20	256QAM	1	1	19.96	20.13	20.02	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.47	24.55	24.48	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.44	24.48	24.42	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.47	24.46	24.45	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.35	23.41	23.38	25.0	0.0
50	PI/2 BPSK	1	135	23.36	23.39	23.33		
50	PI/2 BPSK	1	268	23.38	23.40	23.35		
50	PI/2 BPSK	135	0	23.01	23.04	23.00	24.5	0.5
50	PI/2 BPSK	135	68	23.38	23.40	23.31	25.0	0.0
50	PI/2 BPSK	135	135	23.02	22.99	22.97	24.5	0.5
50	PI/2 BPSK	270	0	22.96	22.98	22.97		
50	QPSK	1	1	23.44	23.43	23.42	25.0	0.0
50	QPSK	1	135	23.36	23.43	23.37		
50	QPSK	1	268	23.48	23.52	23.45		
50	QPSK	135	0	22.49	22.53	22.50	24.0	1.0
50	QPSK	135	68	23.39	23.44	23.39	25.0	0.0
50	QPSK	135	135	22.47	22.49	22.43	24.0	1.0
50	QPSK	270	0	22.46	22.48	22.43		
50	16QAM	1	1	22.50	22.57	22.44	24.0	1.0
50	64QAM	1	1	20.99	21.01	20.96	22.5	2.5
50	256QAM	1	1	18.93	19.05	18.90	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.37	23.41	23.34	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.38	23.45	23.34	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.41	23.45	23.33	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.40	23.45	23.37	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.38	23.41	23.40	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.34	23.47	23.38	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.40	23.39	23.38	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.29	23.35	23.35	25.0	0.0
40	PI/2 BPSK	1	53	23.31	23.36	23.33		
40	PI/2 BPSK	1	104	23.32	23.40	23.33		
40	PI/2 BPSK	50	0	22.95	22.93	22.89	24.5	0.5
40	PI/2 BPSK	50	28	23.33	23.37	23.38	25.0	0.0
40	PI/2 BPSK	50	56	22.87	22.98	22.84	24.5	0.5
40	PI/2 BPSK	100	0	22.91	22.97	22.95		
40	QPSK	1	1	23.42	23.47	23.40	25.0	0.0
40	QPSK	1	53	23.38	23.39	23.31		
40	QPSK	1	104	23.33	23.40	23.30		
40	QPSK	50	0	22.43	22.43	22.42	24.0	1.0
40	QPSK	50	28	23.38	23.42	23.30	25.0	0.0
40	QPSK	50	56	22.47	22.50	22.39	24.0	1.0
40	QPSK	100	0	22.37	22.53	22.43		
40	16QAM	1	1	22.44	22.48	22.35	24.0	1.0
40	64QAM	1	1	20.92	20.95	20.86	22.5	2.5
40	256QAM	1	1	18.88	18.99	18.91	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.40	23.43	23.29	25.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.32	23.42	23.35	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.34	23.37	23.33	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.39	23.43	23.33	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.32	23.41	23.27	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.35	23.45	23.41	25.0	0.0
100	PI/2 BPSK	1	137	23.40	23.35	23.35		
100	PI/2 BPSK	1	271	23.35	23.47	23.35		
100	PI/2 BPSK	135	0	23.01	22.95	22.98	24.5	0.5
100	PI/2 BPSK	135	69	23.41	23.43	23.45	25.0	0.0
100	PI/2 BPSK	135	138	22.96	23.08	22.91	24.5	0.5
100	PI/2 BPSK	270	0	22.91	23.06	23.00		
100	QPSK	1	1	23.51	23.53	23.48	25.0	0.0
100	QPSK	1	137	23.44	23.44	23.37		
100	QPSK	1	271	23.40	23.46	23.38		
100	QPSK	135	0	22.45	22.53	22.42	24.0	1.0
100	QPSK	135	69	23.43	23.51	23.31	25.0	0.0
100	QPSK	135	138	22.48	22.51	22.43	24.0	1.0
100	QPSK	270	0	22.45	22.56	22.44		
100	16QAM	1	1	22.47	22.47	22.41	24.0	1.0
100	64QAM	1	1	20.95	21.05	20.88	22.5	2.5
100	256QAM	1	1	18.94	19.06	18.96	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.48	23.47	23.39	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.48	23.51	23.34	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.45	23.47	23.39	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.42	23.40	23.46	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.40	23.51	23.44	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.48	23.49	23.40	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.44	23.41	23.46	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.38	23.45	23.43	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.48	23.43	23.40	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	19.15	19.14	19.07	20.5	0.0
40	PI/2 BPSK	1	53	19.11	19.10	19.02		
40	PI/2 BPSK	1	104	19.10	19.11	19.08		
40	PI/2 BPSK	50	0	18.66	18.65	18.63	20.0	0.5
40	PI/2 BPSK	50	28	19.07	19.11	19.08	20.5	0.0
40	PI/2 BPSK	50	56	18.70	18.72	18.69	20.0	0.5
40	PI/2 BPSK	100	0	18.71	18.70	18.65		
40	QPSK	1	1	19.18	19.21	19.15	20.5	0.0
40	QPSK	1	53	19.05	19.10	19.03		
40	QPSK	1	104	19.07	19.14	19.05		
40	QPSK	50	0	18.22	18.23	18.20	19.5	1.0
40	QPSK	50	28	19.09	19.16	19.13	20.5	0.0
40	QPSK	50	56	18.24	18.22	18.20	19.5	1.0
40	QPSK	100	0	18.20	18.27	18.15		
40	16QAM	1	1	18.22	18.16	18.14	19.5	1.0
40	64QAM	1	1	16.73	16.73	16.69	18.0	2.5
40	256QAM	1	1	14.63	14.73	14.68	16.0	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.11	19.14	19.09	20.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	19.07	19.17	19.11	20.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.16	19.16	19.02	20.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	19.09	19.12	19.04	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.89	17.94	17.92	19.5	0.0
100	PI/2 BPSK	1	137	17.87	17.95	17.81		
100	PI/2 BPSK	1	271	17.94	17.96	17.90		
100	PI/2 BPSK	135	0	17.48	17.49	17.47	19.0	0.5
100	PI/2 BPSK	135	69	17.91	17.88	17.82	19.5	0.0
100	PI/2 BPSK	135	138	17.49	17.56	17.43	19.0	0.5
100	PI/2 BPSK	270	0	17.49	17.51	17.44		
100	QPSK	1	1	17.99	18.02	17.95	19.5	0.0
100	QPSK	1	137	17.90	17.98	17.88		
100	QPSK	1	271	17.91	17.95	17.85		
100	QPSK	135	0	16.95	17.05	16.94	18.5	1.0
100	QPSK	135	69	17.86	17.96	17.90	19.5	0.0
100	QPSK	135	138	17.00	16.99	16.96	18.5	1.0
100	QPSK	270	0	16.99	17.00	16.92		
100	16QAM	1	1	16.96	16.98	16.90	18.5	1.0
100	64QAM	1	1	15.49	15.49	15.44	17.0	2.5
100	256QAM	1	1	13.54	13.48	13.39	15.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	17.86	17.88	17.83	19.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	17.90	17.95	17.81	19.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	17.89	17.88	17.88	19.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	17.92	17.89	17.86	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	17.93	17.93	17.86	19.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	17.85	17.95	17.79	19.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	17.85	17.91	17.86	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	17.90	17.92	17.87	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.88	20.93	20.87	22.5	0.0
100	PI/2 BPSK	1	137	20.85	20.93	20.86		
100	PI/2 BPSK	1	271	20.98	20.92	20.96		
100	PI/2 BPSK	135	0	20.46	20.52	20.50	22.0	0.5
100	PI/2 BPSK	135	69	20.89	20.91	20.88	22.5	0.0
100	PI/2 BPSK	135	138	20.55	20.51	20.43	22.0	0.5
100	PI/2 BPSK	270	0	20.46	20.51	20.49		
100	QPSK	1	1	20.94	21.04	20.96	22.5	0.0
100	QPSK	1	137	20.88	21.03	20.89		
100	QPSK	1	271	20.96	20.98	20.87		
100	QPSK	135	0	19.94	20.00	19.89	21.5	1.0
100	QPSK	135	69	20.88	20.95	20.86	22.5	0.0
100	QPSK	135	138	19.99	20.04	19.93	21.5	1.0
100	QPSK	270	0	20.02	20.05	19.96		
100	16QAM	1	1	19.91	20.02	19.92	21.5	1.0
100	64QAM	1	1	18.43	18.47	18.39	20.0	2.5
100	256QAM	1	1	16.51	16.45	16.37	18.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	20.89	20.90	20.83	22.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	20.79	20.96	20.86	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	20.86	20.90	20.88	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	20.88	20.90	20.92	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	20.85	21.00	20.81	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	20.82	20.90	20.81	22.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	20.80	20.96	20.85	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	20.81	20.95	20.83	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.02		19.5	0.0
100	PI/2 BPSK	1	137		18.05			
100	PI/2 BPSK	1	271		18.02			
100	PI/2 BPSK	135	0		17.69		19.0	0.5
100	PI/2 BPSK	135	69		18.07		19.5	0.0
100	PI/2 BPSK	135	138		17.65		19.0	0.5
100	PI/2 BPSK	270	0		17.63			
100	QPSK	1	1		18.15		19.5	0.0
100	QPSK	1	137		18.09			
100	QPSK	1	271		18.06			
100	QPSK	135	0		17.12		18.5	1.0
100	QPSK	135	69		18.09		19.5	0.0
100	QPSK	135	138		17.15		18.5	1.0
100	QPSK	270	0		17.19			
100	16QAM	1	1		17.10		18.5	1.0
100	64QAM	1	1		15.66		17.0	2.5
100	256QAM	1	1		13.67		15.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.05	18.07	18.03	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	17.97	18.06	17.99	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.06	18.05	17.94	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	17.98	18.02	17.96	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.00	18.07	17.94	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.02	18.09	17.97	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	17.99	17.98	17.95	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.02	18.05	17.94	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.00		22.5	0.0
100	PI/2 BPSK	1	137		21.10			
100	PI/2 BPSK	1	271		21.00			
100	PI/2 BPSK	135	0		20.63		22.0	0.5
100	PI/2 BPSK	135	69		21.06		22.5	0.0
100	PI/2 BPSK	135	138		20.60		22.0	0.5
100	PI/2 BPSK	270	0		20.68			
100	QPSK	1	1		21.19		22.5	0.0
100	QPSK	1	137		21.12			
100	QPSK	1	271		21.07			
100	QPSK	135	0		20.11		21.5	1.0
100	QPSK	135	69		21.06		22.5	0.0
100	QPSK	135	138		20.14		21.5	1.0
100	QPSK	270	0		20.22			
100	16QAM	1	1		20.04		21.5	1.0
100	64QAM	1	1		18.70		20.0	2.5
100	256QAM	1	1		16.73		18.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	21.09	21.09	21.04	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.12	21.11	21.02	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	21.05	21.09	20.96	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.04	21.11	21.01	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	21.11	21.07	20.96	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.04	21.10	21.06	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	21.08	21.12	20.96	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	21.09	21.11	21.04	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.09		19.5	0.0
100	PI/2 BPSK	1	137		18.08			
100	PI/2 BPSK	1	271		18.04			
100	PI/2 BPSK	135	0		17.63		19.0	0.5
100	PI/2 BPSK	135	69		17.93		19.5	0.0
100	PI/2 BPSK	135	138		17.61		19.0	0.5
100	PI/2 BPSK	270	0		17.65			
100	QPSK	1	1		18.12		19.5	0.0
100	QPSK	1	137		18.03			
100	QPSK	1	271		18.05			
100	QPSK	135	0		17.16		18.5	1.0
100	QPSK	135	69		18.00		19.5	0.0
100	QPSK	135	138		17.09		18.5	1.0
100	QPSK	270	0		17.09			
100	16QAM	1	1		17.13		18.5	1.0
100	64QAM	1	1		15.58		17.0	2.5
100	256QAM	1	1		13.60		15.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	18.03	18.05	18.04	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	17.96	18.06	18.04	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.99	17.99	17.99	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	18.02	18.05	18.02	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	18.05	18.08	18.03	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.04	18.04	18.02	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	18.01	17.97	18.04	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	17.98	17.97	18.03	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	18.00	18.02	17.99	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	18.02	18.01	18.05	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.07		22.5	0.0
100	PI/2 BPSK	1	137		21.04			
100	PI/2 BPSK	1	271		21.04			
100	PI/2 BPSK	135	0		20.68		22.0	0.5
100	PI/2 BPSK	135	69		20.98		22.5	0.0
100	PI/2 BPSK	135	138		20.61		22.0	0.5
100	PI/2 BPSK	270	0		20.65			
100	QPSK	1	1		21.14		22.5	0.0
100	QPSK	1	137		21.05			
100	QPSK	1	271		21.04			
100	QPSK	135	0		20.21		21.5	1.0
100	QPSK	135	69		21.06		22.5	0.0
100	QPSK	135	138		20.15		21.5	1.0
100	QPSK	270	0		20.05			
100	16QAM	1	1		20.13		21.5	1.0
100	64QAM	1	1		18.63		20.0	2.5
100	256QAM	1	1		16.62		18.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	21.08	21.08	21.02	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	21.00	21.06	20.99	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	21.09	21.04	20.95	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	21.02	21.06	21.01	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	21.04	21.10	21.00	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	21.09	21.04	20.94	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	21.04	21.10	20.98	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	20.99	21.07	20.98	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	21.00	21.01	21.05	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	21.02	21.03	20.94	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.14		19.5	0.0
100	PI/2 BPSK	1	137		18.14			
100	PI/2 BPSK	1	271		18.18			
100	PI/2 BPSK	135	0		17.74		19.0	0.5
100	PI/2 BPSK	135	69		18.13		19.5	0.0
100	PI/2 BPSK	135	138		17.69		19.0	0.5
100	PI/2 BPSK	270	0		17.69			
100	QPSK	1	1		18.28		19.5	0.0
100	QPSK	1	137		18.22			
100	QPSK	1	271		18.18			
100	QPSK	135	0		17.21		18.5	1.0
100	QPSK	135	69		18.22		19.5	0.0
100	QPSK	135	138		17.27		18.5	1.0
100	QPSK	270	0		17.27			
100	16QAM	1	1		17.22		18.5	1.0
100	64QAM	1	1		15.72		17.0	2.5
100	256QAM	1	1		13.73		15.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.13	18.12	18.16	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.19	18.13	18.13	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.18	18.15	18.12	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.19	18.14	18.07	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.14	18.14	18.19	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.10	18.22	18.12	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.12	18.19	18.09	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.13	18.16	18.14	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.14	18.18	18.10	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.14	18.16	18.07	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.12		22.5	0.0
100	PI/2 BPSK	1	137		21.09			
100	PI/2 BPSK	1	271		21.21			
100	PI/2 BPSK	135	0		20.73		22.0	0.5
100	PI/2 BPSK	135	69		21.12		22.5	0.0
100	PI/2 BPSK	135	138		20.69		22.0	0.5
100	PI/2 BPSK	270	0		20.73			
100	QPSK	1	1		21.32		22.5	0.0
100	QPSK	1	137		21.25			
100	QPSK	1	271		21.23			
100	QPSK	135	0		20.26		21.5	1.0
100	QPSK	135	69		21.18		22.5	0.0
100	QPSK	135	138		20.28		21.5	1.0
100	QPSK	270	0		20.31			
100	16QAM	1	1		20.24		21.5	1.0
100	64QAM	1	1		18.74		20.0	2.5
100	256QAM	1	1		16.77		18.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	21.14	21.12	21.15	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.15	21.10	21.15	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	21.08	21.12	21.20	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	21.12	21.16	21.18	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.16	21.13	21.12	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	21.12	21.07	21.11	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	21.07	21.13	21.18	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.10	21.12	21.14	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	21.08	21.11	21.11	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	21.11	21.13	21.15	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.65	23.71	23.71	24.5	0.0
40	PI/2 BPSK	1	53	23.65	23.75	23.72		
40	PI/2 BPSK	1	104	23.64	23.68	23.62		
40	PI/2 BPSK	50	0	23.16	23.28	23.28	24.0	0.5
40	PI/2 BPSK	50	28	23.67	23.72	23.69	24.5	0.0
40	PI/2 BPSK	50	56	23.20	23.27	23.20	24.0	0.5
40	PI/2 BPSK	100	0	23.18	23.32	23.31		
40	QPSK	1	1	23.71	23.79	23.76	24.5	0.0
40	QPSK	1	53	23.67	23.75	23.73		
40	QPSK	1	104	23.66	23.66	23.66		
40	QPSK	50	0	22.69	22.84	22.71	23.5	1.0
40	QPSK	50	28	23.62	23.72	23.69	24.5	0.0
40	QPSK	50	56	22.70	22.74	22.80	23.5	1.0
40	QPSK	100	0	22.73	22.85	22.75		
40	16QAM	1	1	22.74	22.76	22.76	23.5	1.0
40	64QAM	1	1	21.26	21.33	21.20	22.0	2.5
40	256QAM	1	1	19.22	19.30	19.27	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.65	23.67	23.65	24.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.64	23.67	23.64	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.66	23.67	23.71	24.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.58	23.74	23.73	24.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.65	23.74	23.65	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.73	23.82	23.79	24.5	0.0
100	PI/2 BPSK	1	137	23.76	23.80	23.82		
100	PI/2 BPSK	1	271	23.75	23.80	23.67		
100	PI/2 BPSK	135	0	23.24	23.39	23.31	24.0	0.5
100	PI/2 BPSK	135	69	23.75	23.82	23.70	24.5	0.0
100	PI/2 BPSK	135	138	23.23	23.34	23.26	24.0	0.5
100	PI/2 BPSK	270	0	23.19	23.36	23.42		
100	QPSK	1	1	23.72	23.86	23.79	24.5	0.0
100	QPSK	1	137	23.71	23.83	23.80		
100	QPSK	1	271	23.71	23.71	23.70		
100	QPSK	135	0	22.74	22.89	22.71	23.5	1.0
100	QPSK	135	69	23.68	23.83	23.76	24.5	0.0
100	QPSK	135	138	22.74	22.82	22.87	23.5	1.0
100	QPSK	270	0	22.79	22.96	22.82		
100	16QAM	1	1	22.82	22.80	22.87	23.5	1.0
100	64QAM	1	1	21.32	21.41	21.21	22.0	2.5
100	256QAM	1	1	19.28	19.34	19.31	20.0	4.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	23.61	23.79	23.65	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	23.59	23.76	23.69	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.63	23.73	23.71	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.67	23.80	23.67	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.58	23.74	23.74	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	23.66	23.75	23.73	24.5	0.0
Channel				501204.00	518598.00	535998.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	23.67	23.81	23.75	24.5	0.0
Channel				500700.00	518598.00	536496.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.50	2592.99	2682.48		
15	QPSK	1	19	23.61	23.74	23.73	24.5	0.0
Channel				500202.00	518598.00	537000.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685.00		
10	QPSK	1	12	23.61	23.73	23.74	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	20.41	20.42	20.43	22.0	0.0
40	PI/2 BPSK	1	53	20.44	20.47	20.46		
40	PI/2 BPSK	1	104	20.35	20.48	20.39		
40	PI/2 BPSK	50	0	19.93	20.07	20.00	21.5	0.5
40	PI/2 BPSK	50	28	20.46	20.44	20.47	22.0	0.0
40	PI/2 BPSK	50	56	19.97	20.09	20.06	21.5	0.5
40	PI/2 BPSK	100	0	19.98	20.04	20.07		
40	QPSK	1	1	20.48	20.55	20.52	22.0	0.0
40	QPSK	1	53	20.40	20.44	20.48		
40	QPSK	1	104	20.45	20.51	20.47		
40	QPSK	50	0	19.97	20.07	19.97	21.0	1.0
40	QPSK	50	28	20.40	20.50	20.46	22.0	0.0
40	QPSK	50	56	19.98	20.06	20.05	21.0	1.0
40	QPSK	100	0	19.93	20.09	19.96		
40	16QAM	1	1	19.95	20.06	20.02	21.0	1.0
40	64QAM	1	1	17.98	18.10	18.05	19.5	2.5
40	256QAM	1	1	15.98	16.11	16.00	17.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.36	20.51	20.48	22.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	20.41	20.48	20.43	22.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.40	20.47	20.41	22.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	20.41	20.48	20.39	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.42	18.47	18.41	20.0	0.0
100	PI/2 BPSK	1	137	18.44	18.53	18.48		
100	PI/2 BPSK	1	271	18.47	18.51	18.44		
100	PI/2 BPSK	135	0	18.10	18.08	18.00	19.5	0.5
100	PI/2 BPSK	135	69	18.47	18.50	18.42	20.0	0.0
100	PI/2 BPSK	135	138	18.03	18.13	17.97	19.5	0.5
100	PI/2 BPSK	270	0	18.09	18.07	18.06		
100	QPSK	1	1	18.55	18.59	18.52	20.0	0.0
100	QPSK	1	137	18.44	18.50	18.47		
100	QPSK	1	271	18.42	18.47	18.40		
100	QPSK	135	0	17.54	17.54	17.51	19.0	1.0
100	QPSK	135	69	18.44	18.57	18.44	20.0	0.0
100	QPSK	135	138	17.52	17.59	17.54	19.0	1.0
100	QPSK	270	0	17.57	17.63	17.54		
100	16QAM	1	1	17.57	17.55	17.54	19.0	1.0
100	64QAM	1	1	16.02	16.10	16.03	17.5	2.5
100	256QAM	1	1	14.03	14.09	14.08	15.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	18.45	18.52	18.39	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	18.47	18.53	18.50	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	18.42	18.54	18.45	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	18.48	18.48	18.43	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	18.50	18.51	18.48	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	18.45	18.50	18.48	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	18.46	18.49	18.39	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	18.49	18.47	18.48	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.43	21.46	21.43	23.0	0.0
100	PI/2 BPSK	1	137	21.40	21.54	21.49		
100	PI/2 BPSK	1	271	21.50	21.54	21.45		
100	PI/2 BPSK	135	0	21.05	21.10	20.99	22.5	0.5
100	PI/2 BPSK	135	69	21.45	21.54	21.41	23.0	0.0
100	PI/2 BPSK	135	138	21.06	21.16	20.96	22.5	0.5
100	PI/2 BPSK	270	0	21.07	21.07	21.11		
100	QPSK	1	1	21.56	21.62	21.56	23.0	0.0
100	QPSK	1	137	21.39	21.48	21.47		
100	QPSK	1	271	21.47	21.41	21.45		
100	QPSK	135	0	20.48	20.55	20.46	22.0	1.0
100	QPSK	135	69	21.38	21.58	21.50	23.0	0.0
100	QPSK	135	138	20.58	20.59	20.49	22.0	1.0
100	QPSK	270	0	20.57	20.59	20.52		
100	16QAM	1	1	20.52	20.57	20.49	22.0	1.0
100	64QAM	1	1	19.06	19.08	19.01	20.5	2.5
100	256QAM	1	1	17.04	17.06	17.09	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	21.45	21.52	21.47	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	21.43	21.56	21.50	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	21.45	21.48	21.54	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	21.45	21.49	21.52	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	21.43	21.59	21.48	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	21.48	21.55	21.47	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	21.52	21.57	21.53	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	21.49	21.50	21.48	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.82		20.0	0.0
100	PI/2 BPSK	1	137		18.82			
100	PI/2 BPSK	1	271		18.80			
100	PI/2 BPSK	135	0		18.42		19.5	0.5
100	PI/2 BPSK	135	69		18.76		20.0	0.0
100	PI/2 BPSK	135	138		18.44		19.5	0.5
100	PI/2 BPSK	270	0		18.31			
100	QPSK	1	1		18.89		20.0	0.0
100	QPSK	1	137		18.85			
100	QPSK	1	271		18.77			
100	QPSK	135	0		17.90		19.0	1.0
100	QPSK	135	69		18.87		20.0	0.0
100	QPSK	135	138		17.91		19.0	1.0
100	QPSK	270	0		17.97			
100	16QAM	1	1		17.90		19.0	1.0
100	64QAM	1	1		16.42		17.5	2.5
100	256QAM	1	1		14.40		15.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.78	18.82	18.68	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.71	18.80	18.74	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.72	18.79	18.69	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.76	18.81	18.74	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.77	18.80	18.73	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.74	18.79	18.69	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.70	18.82	18.68	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.70	18.83	18.71	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.85		23.0	0.0
100	PI/2 BPSK	1	137		21.86			
100	PI/2 BPSK	1	271		21.75			
100	PI/2 BPSK	135	0		21.39		22.5	0.5
100	PI/2 BPSK	135	69		21.82		23.0	0.0
100	PI/2 BPSK	135	138		21.47		22.5	0.5
100	PI/2 BPSK	270	0		21.32			
100	QPSK	1	1		21.94		23.0	0.0
100	QPSK	1	137		21.88			
100	QPSK	1	271		21.77			
100	QPSK	135	0		20.94		22.0	1.0
100	QPSK	135	69		21.81		23.0	0.0
100	QPSK	135	138		20.93		22.0	1.0
100	QPSK	270	0		21.01			
100	16QAM	1	1		20.92		22.0	1.0
100	64QAM	1	1		19.43		20.5	2.5
100	256QAM	1	1		17.43		18.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	21.75	21.79	21.63	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.78	21.85	21.66	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	21.80	21.78	21.67	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.78	21.86	21.73	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	21.75	21.84	21.68	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.82	21.80	21.63	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	21.72	21.79	21.63	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	21.76	21.82	21.68	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.57		20.0	0.0
100	PI/2 BPSK	1	137		18.55			
100	PI/2 BPSK	1	271		18.58			
100	PI/2 BPSK	135	0		18.09		19.5	0.5
100	PI/2 BPSK	135	69		18.59		20.0	0.0
100	PI/2 BPSK	135	138		18.22		19.5	0.5
100	PI/2 BPSK	270	0		18.17			
100	QPSK	1	1		18.65		20.0	0.0
100	QPSK	1	137		18.59			
100	QPSK	1	271		18.56			
100	QPSK	135	0		17.57		19.0	1.0
100	QPSK	135	69		18.60		20.0	0.0
100	QPSK	135	138		17.60		19.0	1.0
100	QPSK	270	0		17.66			
100	16QAM	1	1		17.58		19.0	1.0
100	64QAM	1	1		16.15		17.5	2.5
100	256QAM	1	1		14.14		15.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	18.53	18.59	18.43	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	18.47	18.55	18.43	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	18.50	18.59	18.48	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	18.46	18.52	18.50	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	18.46	18.57	18.39	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.48	18.63	18.47	20.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	18.55	18.54	18.42	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	18.48	18.63	18.42	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	18.50	18.58	18.49	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	18.50	18.55	18.46	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.62		23.0	0.0
100	PI/2 BPSK	1	137		21.53			
100	PI/2 BPSK	1	271		21.62			
100	PI/2 BPSK	135	0		21.06		22.5	0.5
100	PI/2 BPSK	135	69		21.57		23.0	0.0
100	PI/2 BPSK	135	138		21.27		22.5	0.5
100	PI/2 BPSK	270	0		21.20			
100	QPSK	1	1		21.64		23.0	0.0
100	QPSK	1	137		21.61			
100	QPSK	1	271		21.62			
100	QPSK	135	0		20.60		22.0	1.0
100	QPSK	135	69		21.61		23.0	0.0
100	QPSK	135	138		20.59		22.0	1.0
100	QPSK	270	0		20.70			
100	16QAM	1	1		20.52		22.0	1.0
100	64QAM	1	1		19.14		20.5	2.5
100	256QAM	1	1		17.20		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	21.55	21.55	21.43	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	21.55	21.53	21.39	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	21.52	21.62	21.44	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	21.56	21.60	21.49	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	21.50	21.57	21.38	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	21.53	21.57	21.40	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	21.47	21.54	21.42	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	21.47	21.59	21.44	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	21.56	21.54	21.45	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	21.47	21.63	21.45	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.90		20.0	0.0
100	PI/2 BPSK	1	137		18.96			
100	PI/2 BPSK	1	271		18.98			
100	PI/2 BPSK	135	0		18.60		19.5	0.5
100	PI/2 BPSK	135	69		18.89		20.0	0.0
100	PI/2 BPSK	135	138		18.55		19.5	0.5
100	PI/2 BPSK	270	0		18.37			
100	QPSK	1	1		19.06		20.0	0.0
100	QPSK	1	137		18.93			
100	QPSK	1	271		18.87			
100	QPSK	135	0		17.98		19.0	1.0
100	QPSK	135	69		19.04		20.0	0.0
100	QPSK	135	138		18.04		19.0	1.0
100	QPSK	270	0		18.10			
100	16QAM	1	1		18.07		19.0	1.0
100	64QAM	1	1		16.56		17.5	2.5
100	256QAM	1	1		14.57		15.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.88	18.95	18.84	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.85	18.93	18.85	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.86	18.94	18.82	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.88	18.88	18.77	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.95	18.95	18.85	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.87	18.94	18.83	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.95	18.89	18.85	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.94	19.00	18.76	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.89	18.89	18.79	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.85	18.95	18.82	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.91		23.0	0.0
100	PI/2 BPSK	1	137		21.97			
100	PI/2 BPSK	1	271		22.04			
100	PI/2 BPSK	135	0		21.65		22.5	0.5
100	PI/2 BPSK	135	69		21.88		23.0	0.0
100	PI/2 BPSK	135	138		21.50		22.5	0.5
100	PI/2 BPSK	270	0		21.40			
100	QPSK	1	1		22.07		23.0	0.0
100	QPSK	1	137		21.90			
100	QPSK	1	271		21.83			
100	QPSK	135	0		20.96		22.0	1.0
100	QPSK	135	69		22.05		23.0	0.0
100	QPSK	135	138		20.99		22.0	1.0
100	QPSK	270	0		21.16			
100	16QAM	1	1		21.04		22.0	1.0
100	64QAM	1	1		19.61		20.5	2.5
100	256QAM	1	1		17.62		18.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	21.94	21.99	21.88	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.89	21.95	21.90	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	21.91	21.93	21.80	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	21.86	21.98	21.82	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.88	21.99	21.88	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	21.92	21.98	21.87	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	21.86	21.93	21.86	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.86	21.95	21.82	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	21.86	21.93	21.85	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	21.86	21.90	21.89	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.98	22.00	21.97	23.5	0.0
40	PI/2 BPSK	1	53	21.89	21.99	21.89		
40	PI/2 BPSK	1	104	21.91	21.97	21.94		
40	PI/2 BPSK	50	0	21.56	21.53	21.50	23.0	0.5
40	PI/2 BPSK	50	28	21.98	22.01	21.91	23.5	0.0
40	PI/2 BPSK	50	56	21.45	21.55	21.54	23.0	0.5
40	PI/2 BPSK	100	0	21.45	21.52	21.56		
40	QPSK	1	1	22.01	22.07	22.02	23.5	0.0
40	QPSK	1	53	21.98	22.04	21.98		
40	QPSK	1	104	21.92	22.03	21.97		
40	QPSK	50	0	21.03	21.11	21.05	22.5	1.0
40	QPSK	50	28	21.96	21.98	21.89	23.5	0.0
40	QPSK	50	56	20.98	21.10	21.07	22.5	1.0
40	QPSK	100	0	20.98	21.09	21.05		
40	16QAM	1	1	21.05	21.06	20.97	22.5	1.0
40	64QAM	1	1	19.54	19.60	19.46	21.0	2.5
40	256QAM	1	1	17.50	17.57	17.54	19.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.95	21.95	21.91	23.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	21.90	21.97	21.93	23.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.92	21.96	22.00	23.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.92	21.96	21.97	23.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.97	22.05	21.91	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.09	23.09	23.04	25.0	0.0
100	PI/2 BPSK	1	137	23.01	23.07	23.05		
100	PI/2 BPSK	1	271	23.06	23.07	23.06		
100	PI/2 BPSK	135	0	22.64	22.58	22.57	24.5	0.5
100	PI/2 BPSK	135	69	23.02	23.07	23.04	25.0	0.0
100	PI/2 BPSK	135	138	22.56	22.64	22.65	24.5	0.5
100	PI/2 BPSK	270	0	22.52	22.57	22.66		
100	QPSK	1	1	23.05	23.18	23.06	25.0	0.0
100	QPSK	1	137	23.05	23.12	23.04		
100	QPSK	1	271	23.01	23.14	23.10		
100	QPSK	135	0	22.09	22.19	22.15	24.0	1.0
100	QPSK	135	69	23.01	23.04	23.02	25.0	0.0
100	QPSK	135	138	22.06	22.17	22.13	24.0	1.0
100	QPSK	270	0	22.11	22.18	22.15		
100	16QAM	1	1	22.13	22.17	22.15	24.0	1.0
100	64QAM	1	1	20.65	20.72	20.59	22.5	2.5
100	256QAM	1	1	18.63	18.63	18.58	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.02	23.08	22.97	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.94	23.14	22.98	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.92	23.13	22.99	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.97	23.08	22.97	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.99	23.09	22.95	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.02	23.12	22.99	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.97	23.13	22.95	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.98	23.07	23.00	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.98	23.14	23.00	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	24.45	24.46	24.46	26.0	0.0
40	PI/2 BPSK	1	53	24.45	24.49	24.44		
40	PI/2 BPSK	1	104	24.37	24.53	24.45		
40	PI/2 BPSK	50	0	23.99	24.03	24.01	25.5	0.5
40	PI/2 BPSK	50	28	24.40	24.52	24.46	26.0	0.0
40	PI/2 BPSK	50	56	24.03	24.02	24.05	25.5	0.5
40	PI/2 BPSK	100	0	24.05	24.06	24.02		
40	QPSK	1	1	24.50	24.57	24.52	26.0	0.0
40	QPSK	1	53	24.41	24.52	24.46		
40	QPSK	1	104	24.45	24.46	24.40		
40	QPSK	50	0	23.49	23.63	23.46	25.0	1.0
40	QPSK	50	28	24.44	24.51	24.44	26.0	0.0
40	QPSK	50	56	23.54	23.51	23.47	25.0	1.0
40	QPSK	100	0	23.51	23.57	23.47		
40	16QAM	1	1	23.55	23.52	23.56	25.0	1.0
40	64QAM	1	1	22.02	22.10	21.98	23.5	2.5
40	256QAM	1	1	19.98	20.03	20.08	21.5	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	24.39	24.54	24.44	26.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	24.43	24.49	24.43	26.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	24.42	24.45	24.41	26.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	24.44	24.48	24.46	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.91	23.01	22.96	24.5	0.0
100	PI/2 BPSK	1	137	23.00	23.02	22.97		
100	PI/2 BPSK	1	271	22.98	23.01	23.01		
100	PI/2 BPSK	135	0	22.59	22.67	22.61	24.0	0.5
100	PI/2 BPSK	135	69	23.01	23.03	22.96	24.5	0.0
100	PI/2 BPSK	135	138	22.50	22.65	22.56	24.0	0.5
100	PI/2 BPSK	270	0	22.58	22.66	22.55		
100	QPSK	1	1	23.05	23.11	23.08	24.5	0.0
100	QPSK	1	137	22.95	23.03	23.03		
100	QPSK	1	271	22.98	23.08	23.03		
100	QPSK	135	0	22.09	22.11	22.08	23.5	1.0
100	QPSK	135	69	22.96	23.05	22.98	24.5	0.0
100	QPSK	135	138	22.09	22.08	22.06	23.5	1.0
100	QPSK	270	0	22.03	22.09	22.06		
100	16QAM	1	1	22.08	22.07	22.08	23.5	1.0
100	64QAM	1	1	20.52	20.67	20.60	22.0	2.5
100	256QAM	1	1	18.54	18.59	18.53	20.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	23.00	23.05	23.04	24.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	22.98	22.98	22.95	24.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	22.95	22.98	23.01	24.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	23.02	23.09	23.00	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	23.01	23.04	22.94	24.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	22.95	23.03	23.00	24.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	22.96	22.99	22.96	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	22.98	23.09	22.96	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.89	26.07	25.94	27.5	0.0
100	PI/2 BPSK	1	137	26.04	26.07	25.94		
100	PI/2 BPSK	1	271	25.94	25.98	26.00		
100	PI/2 BPSK	135	0	25.55	25.73	25.58	27.0	0.5
100	PI/2 BPSK	135	69	26.06	26.05	25.95	27.5	0.0
100	PI/2 BPSK	135	138	25.50	25.63	25.50	27.0	0.5
100	PI/2 BPSK	270	0	25.52	25.71	25.56		
100	QPSK	1	1	26.10	26.14	26.11	27.5	0.0
100	QPSK	1	137	26.00	26.00	26.06		
100	QPSK	1	271	26.02	26.03	26.05		
100	QPSK	135	0	25.07	25.12	25.12	26.5	1.0
100	QPSK	135	69	26.01	26.09	26.02	27.5	0.0
100	QPSK	135	138	25.06	25.08	25.10	26.5	1.0
100	QPSK	270	0	25.02	25.12	25.06		
100	16QAM	1	1	25.06	25.11	25.08	26.5	1.0
100	64QAM	1	1	23.48	23.71	23.66	25.0	2.5
100	256QAM	1	1	21.60	21.61	21.47	23.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	26.05	26.05	25.99	27.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	26.03	26.06	25.99	27.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	25.98	26.07	26.08	27.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	25.97	26.04	26.06	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	25.99	26.09	26.01	27.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	25.99	26.05	26.02	27.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	25.97	26.08	26.04	27.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	25.99	26.06	26.04	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.99		24.5	0.0
100	PI/2 BPSK	1	137		22.95			
100	PI/2 BPSK	1	271		23.01			
100	PI/2 BPSK	135	0		22.66		24.0	0.5
100	PI/2 BPSK	135	69		23.03		24.5	0.0
100	PI/2 BPSK	135	138		22.60		24.0	0.5
100	PI/2 BPSK	270	0		22.66			
100	QPSK	1	1		23.07		24.5	0.0
100	QPSK	1	137		23.05			
100	QPSK	1	271		23.03			
100	QPSK	135	0		22.03		23.5	1.0
100	QPSK	135	69		23.05		24.5	0.0
100	QPSK	135	138		22.02		23.5	1.0
100	QPSK	270	0		22.09			
100	16QAM	1	1		21.99		23.5	1.0
100	64QAM	1	1		20.70		22.0	2.5
100	256QAM	1	1		18.61		20.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	22.91	23.06	22.97	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	22.99	23.02	23.02	24.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	22.97	23.03	23.02	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	22.93	23.00	23.03	24.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	22.92	22.99	23.01	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.96	23.04	23.00	24.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	23.03	23.03	23.00	24.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	22.98	23.00	23.03	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.93		27.5	0.0
100	PI/2 BPSK	1	137		25.96			
100	PI/2 BPSK	1	271		25.97			
100	PI/2 BPSK	135	0		25.62		27.0	0.5
100	PI/2 BPSK	135	69		26.01		27.5	0.0
100	PI/2 BPSK	135	138		25.60		27.0	0.5
100	PI/2 BPSK	270	0		25.62			
100	QPSK	1	1		26.09		27.5	0.0
100	QPSK	1	137		26.05			
100	QPSK	1	271		26.08			
100	QPSK	135	0		25.07		26.5	1.0
100	QPSK	135	69		26.06		27.5	0.0
100	QPSK	135	138		24.99		26.5	1.0
100	QPSK	270	0		25.10			
100	16QAM	1	1		25.00		26.5	1.0
100	64QAM	1	1		23.68		25.0	2.5
100	256QAM	1	1		21.66		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	25.93	25.96	25.84	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	25.98	25.93	25.87	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	25.91	25.93	25.85	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	25.92	25.94	25.89	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	25.94	25.96	25.92	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	25.90	25.94	25.95	27.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	25.90	25.96	25.84	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	25.92	25.93	25.92	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.90		24.5	0.0
100	PI/2 BPSK	1	137		22.91			
100	PI/2 BPSK	1	271		22.89			
100	PI/2 BPSK	135	0		22.59		24.0	0.5
100	PI/2 BPSK	135	69		22.89		24.5	0.0
100	PI/2 BPSK	135	138		22.50		24.0	0.5
100	PI/2 BPSK	270	0		22.63			
100	QPSK	1	1		23.00		24.5	0.0
100	QPSK	1	137		22.98			
100	QPSK	1	271		22.98			
100	QPSK	135	0		21.95		23.5	1.0
100	QPSK	135	69		22.93		24.5	0.0
100	QPSK	135	138		21.89		23.5	1.0
100	QPSK	270	0		22.02			
100	16QAM	1	1		21.90		23.5	1.0
100	64QAM	1	1		20.61		22.0	2.5
100	256QAM	1	1		18.51		20.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	22.81	22.98	22.83	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	22.88	22.96	22.91	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	22.83	22.93	22.84	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	22.77	22.96	22.85	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	22.79	22.98	22.91	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	22.82	22.96	22.92	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	22.84	22.96	22.83	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	22.86	22.98	22.90	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	22.78	22.98	22.88	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	22.78	22.94	22.83	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.87		27.5	0.0
100	PI/2 BPSK	1	137		25.96			
100	PI/2 BPSK	1	271		25.93			
100	PI/2 BPSK	135	0		25.64		27.0	0.5
100	PI/2 BPSK	135	69		26.04		27.5	0.0
100	PI/2 BPSK	135	138		25.58		27.0	0.5
100	PI/2 BPSK	270	0		25.55			
100	QPSK	1	1		26.08		27.5	0.0
100	QPSK	1	137		26.01			
100	QPSK	1	271		26.00			
100	QPSK	135	0		25.07		26.5	1.0
100	QPSK	135	69		25.99		27.5	0.0
100	QPSK	135	138		24.92		26.5	1.0
100	QPSK	270	0		25.03			
100	16QAM	1	1		24.97		26.5	1.0
100	64QAM	1	1		23.61		25.0	2.5
100	256QAM	1	1		21.67		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	26.00	25.98	25.90	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	25.95	25.99	25.86	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	25.99	25.98	25.87	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	25.98	25.92	25.84	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	26.00	25.91	25.89	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	25.90	25.90	25.86	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	26.00	25.98	25.91	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	26.01	25.90	25.94	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	25.89	25.91	25.85	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	25.92	25.91	25.86	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.89		24.5	0.0
100	PI/2 BPSK	1	137		22.91			
100	PI/2 BPSK	1	271		22.85			
100	PI/2 BPSK	135	0		22.52		24.0	0.5
100	PI/2 BPSK	135	69		22.91		24.5	0.0
100	PI/2 BPSK	135	138		22.50		24.0	0.5
100	PI/2 BPSK	270	0		22.60			
100	QPSK	1	1		23.02		24.5	0.0
100	QPSK	1	137		22.97			
100	QPSK	1	271		22.93			
100	QPSK	135	0		21.92		23.5	1.0
100	QPSK	135	69		22.96		24.5	0.0
100	QPSK	135	138		21.87		23.5	1.0
100	QPSK	270	0		21.99			
100	16QAM	1	1		21.87		23.5	1.0
100	64QAM	1	1		20.60		22.0	2.5
100	256QAM	1	1		18.46		20.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	22.75	23.01	22.78	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	22.78	22.95	22.83	24.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	22.79	23.01	22.81	24.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	22.75	22.96	22.82	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	22.80	22.96	22.76	24.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	22.77	22.93	22.77	24.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	22.76	22.94	22.79	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.80	22.95	22.80	24.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	22.81	23.01	22.75	24.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	22.76	22.93	22.85	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.83		27.5	0.0
100	PI/2 BPSK	1	137		25.92			
100	PI/2 BPSK	1	271		25.87			
100	PI/2 BPSK	135	0		25.66		27.0	0.5
100	PI/2 BPSK	135	69		26.01		27.5	0.0
100	PI/2 BPSK	135	138		25.52		27.0	0.5
100	PI/2 BPSK	270	0		25.52			
100	QPSK	1	1		26.05		27.5	0.0
100	QPSK	1	137		25.98			
100	QPSK	1	271		26.00			
100	QPSK	135	0		25.09		26.5	1.0
100	QPSK	135	69		25.92		27.5	0.0
100	QPSK	135	138		24.95		26.5	1.0
100	QPSK	270	0		25.06			
100	16QAM	1	1		24.96		26.5	1.0
100	64QAM	1	1		23.65		25.0	2.5
100	256QAM	1	1		21.64		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	25.92	25.97	25.91	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	25.93	25.99	25.87	27.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	25.96	25.90	25.93	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	25.98	25.96	25.95	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	25.96	25.98	25.91	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	25.97	26.00	25.85	27.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	25.91	25.98	25.84	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	25.97	25.93	25.93	27.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	25.93	26.01	25.84	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	26.00	25.97	25.93	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.24	18.30	18.21	20.0	0.0
40	PI/2 BPSK	1	53	18.26	18.26	18.23		
40	PI/2 BPSK	1	104	18.23	18.25	18.21		
40	PI/2 BPSK	50	0	17.81	17.91	17.80	19.5	0.5
40	PI/2 BPSK	50	28	18.21	18.28	18.28	20.0	0.0
40	PI/2 BPSK	50	56	17.81	17.90	17.79	19.5	0.5
40	PI/2 BPSK	100	0	17.77	17.84	17.78		
40	QPSK	1	1	18.31	18.38	18.32	20.0	0.0
40	QPSK	1	53	18.27	18.30	18.23		
40	QPSK	1	104	18.25	18.36	18.26		
40	QPSK	50	0	17.30	17.43	17.27	19.0	1.0
40	QPSK	50	28	18.27	18.35	18.21	20.0	0.0
40	QPSK	50	56	17.36	17.39	17.36	19.0	1.0
40	QPSK	100	0	17.27	17.40	17.37		
40	16QAM	1	1	17.25	17.37	17.31	19.0	1.0
40	64QAM	1	1	15.86	15.88	15.86	17.5	2.5
40	256QAM	1	1	13.86	13.86	13.82	15.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.17	18.28	18.29	20.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.25	18.36	18.19	20.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.27	18.36	18.24	20.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.17	18.25	18.29	20.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.20	18.33	18.28	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.34	18.37	18.31	20.0	0.0
100	PI/2 BPSK	1	137	18.36	18.37	18.25		
100	PI/2 BPSK	1	271	18.31	18.34	18.30		
100	PI/2 BPSK	135	0	17.82	17.92	17.86	19.5	0.5
100	PI/2 BPSK	135	69	18.32	18.36	18.34	20.0	0.0
100	PI/2 BPSK	135	138	17.85	17.98	17.82	19.5	0.5
100	PI/2 BPSK	270	0	17.87	17.93	17.85		
100	QPSK	1	1	18.42	18.48	18.33	20.0	0.0
100	QPSK	1	137	18.38	18.39	18.23		
100	QPSK	1	271	18.31	18.46	18.31		
100	QPSK	135	0	17.41	17.49	17.34	19.0	1.0
100	QPSK	135	69	18.36	18.45	18.25	20.0	0.0
100	QPSK	135	138	17.44	17.50	17.48	19.0	1.0
100	QPSK	270	0	17.35	17.46	17.44		
100	16QAM	1	1	17.27	17.47	17.35	19.0	1.0
100	64QAM	1	1	15.97	15.99	15.88	17.5	2.5
100	256QAM	1	1	13.91	13.92	13.92	15.5	4.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	18.25	18.29	18.33	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	18.19	18.38	18.36	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	18.21	18.36	18.35	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	18.28	18.36	18.34	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	18.24	18.37	18.39	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	18.24	18.40	18.38	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	18.18	18.31	18.34	20.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	18.23	18.31	18.30	20.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	18.25	18.35	18.32	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	22.81	22.83	22.76	24.5	0.0
40	PI/2 BPSK	1	53	22.74	22.82	22.80		
40	PI/2 BPSK	1	104	22.77	22.83	22.87		
40	PI/2 BPSK	50	0	22.41	22.49	22.38	24.0	0.5
40	PI/2 BPSK	50	28	22.80	22.88	22.78	24.5	0.0
40	PI/2 BPSK	50	56	22.31	22.38	22.37	24.0	0.5
40	PI/2 BPSK	100	0	22.33	22.45	22.37		
40	QPSK	1	1	22.86	22.93	22.90	24.5	0.0
40	QPSK	1	53	22.73	22.80	22.77		
40	QPSK	1	104	22.73	22.82	22.82		
40	QPSK	50	0	21.90	21.98	21.92	23.5	1.0
40	QPSK	50	28	22.77	22.90	22.81	24.5	0.0
40	QPSK	50	56	21.84	21.93	21.91	23.5	1.0
40	QPSK	100	0	21.91	21.99	21.85		
40	16QAM	1	1	21.85	21.87	21.94	23.5	1.0
40	64QAM	1	1	20.33	20.41	20.44	22.0	2.5
40	256QAM	1	1	18.41	18.46	18.45	20.0	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.75	22.86	22.78	24.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	22.80	22.82	22.81	24.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.84	22.80	22.81	24.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	22.80	22.81	22.80	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.90	20.98	20.93	22.5	0.0
100	PI/2 BPSK	1	137	20.91	20.97	21.03		
100	PI/2 BPSK	1	271	21.00	21.00	21.02		
100	PI/2 BPSK	135	0	20.54	20.58	20.60	22.0	0.5
100	PI/2 BPSK	135	69	20.97	20.97	20.94	22.5	0.0
100	PI/2 BPSK	135	138	20.48	20.65	20.57	22.0	0.5
100	PI/2 BPSK	270	0	20.52	20.56	20.62		
100	QPSK	1	1	21.02	21.10	21.06	22.5	0.0
100	QPSK	1	137	20.92	21.01	21.01		
100	QPSK	1	271	20.98	20.97	20.93		
100	QPSK	135	0	20.05	20.16	20.11	21.5	1.0
100	QPSK	135	69	20.88	21.07	20.93	22.5	0.0
100	QPSK	135	138	20.01	20.09	20.05	21.5	1.0
100	QPSK	270	0	20.07	20.16	20.04		
100	16QAM	1	1	20.01	20.07	20.09	21.5	1.0
100	64QAM	1	1	18.49	18.64	18.61	20.0	2.5
100	256QAM	1	1	16.51	16.63	16.54	18.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	20.99	21.04	20.93	22.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	20.94	20.97	21.01	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	20.99	20.99	21.00	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	20.92	21.06	21.03	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	20.89	21.00	20.95	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	21.00	20.97	21.01	22.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	20.91	21.04	21.00	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	20.92	21.08	20.96	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.88	23.95	23.89	25.5	0.0
100	PI/2 BPSK	1	137	23.85	23.96	24.03		
100	PI/2 BPSK	1	271	24.00	24.02	24.04		
100	PI/2 BPSK	135	0	23.59	23.61	23.60	25.0	0.5
100	PI/2 BPSK	135	69	23.98	24.03	23.92	25.5	0.0
100	PI/2 BPSK	135	138	23.48	23.70	23.55	25.0	0.5
100	PI/2 BPSK	270	0	23.49	23.58	23.61		
100	QPSK	1	1	24.03	24.12	24.06	25.5	0.0
100	QPSK	1	137	23.93	23.95	24.04		
100	QPSK	1	271	23.97	23.93	23.93		
100	QPSK	135	0	23.05	23.10	23.05	24.5	1.0
100	QPSK	135	69	23.84	24.04	23.94	25.5	0.0
100	QPSK	135	138	23.01	23.08	23.04	24.5	1.0
100	QPSK	270	0	23.05	23.16	23.04		
100	16QAM	1	1	22.97	23.13	23.12	24.5	1.0
100	64QAM	1	1	21.46	21.66	21.61	23.0	2.5
100	256QAM	1	1	19.51	19.59	19.54	21.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	24.00	24.05	23.90	25.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	23.96	24.02	23.93	25.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	23.96	23.99	23.92	25.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	24.05	24.02	23.97	25.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	24.03	24.09	23.88	25.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	24.03	24.06	23.96	25.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	24.00	24.04	23.92	25.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	24.02	24.01	23.94	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.22		22.5	0.0
100	PI/2 BPSK	1	137		21.16			
100	PI/2 BPSK	1	271		21.20			
100	PI/2 BPSK	135	0		20.77		22.0	0.5
100	PI/2 BPSK	135	69		21.16		22.5	0.0
100	PI/2 BPSK	135	138		20.87		22.0	0.5
100	PI/2 BPSK	270	0		20.81			
100	QPSK	1	1		21.33		22.5	0.0
100	QPSK	1	137		21.25			
100	QPSK	1	271		21.13			
100	QPSK	135	0		20.41		21.5	1.0
100	QPSK	135	69		21.24		22.5	0.0
100	QPSK	135	138		20.28		21.5	1.0
100	QPSK	270	0		20.41			
100	16QAM	1	1		20.24		21.5	1.0
100	64QAM	1	1		18.83		20.0	2.5
100	256QAM	1	1		16.78		18.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	21.20	21.20	21.18	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.13	21.21	21.18	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	21.16	21.29	21.09	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.21	21.30	21.10	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	21.15	21.24	21.11	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.17	21.27	21.11	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	21.21	21.27	21.09	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	21.22	21.22	21.12	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.21		25.5	0.0
100	PI/2 BPSK	1	137		24.19			
100	PI/2 BPSK	1	271		24.24			
100	PI/2 BPSK	135	0		23.83		25.0	0.5
100	PI/2 BPSK	135	69		24.20		25.5	0.0
100	PI/2 BPSK	135	138		23.85		25.0	0.5
100	PI/2 BPSK	270	0		23.79			
100	QPSK	1	1		24.31		25.5	0.0
100	QPSK	1	137		24.20			
100	QPSK	1	271		24.14			
100	QPSK	135	0		23.38		24.5	1.0
100	QPSK	135	69		24.19		25.5	0.0
100	QPSK	135	138		23.24		24.5	1.0
100	QPSK	270	0		23.47			
100	16QAM	1	1		23.28		24.5	1.0
100	64QAM	1	1		21.81		23.0	2.5
100	256QAM	1	1		19.72		21.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	24.16	24.26	24.13	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.15	24.19	24.24	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	24.22	24.17	24.19	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.22	24.20	24.22	25.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	24.17	24.21	24.19	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.23	24.26	24.18	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	24.21	24.25	24.24	25.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	24.16	24.20	24.13	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.94		22.5	0.0
100	PI/2 BPSK	1	137		20.84			
100	PI/2 BPSK	1	271		20.92			
100	PI/2 BPSK	135	0		20.52		22.0	0.5
100	PI/2 BPSK	135	69		20.84		22.5	0.0
100	PI/2 BPSK	135	138		20.55		22.0	0.5
100	PI/2 BPSK	270	0		20.57			
100	QPSK	1	1		21.03		22.5	0.0
100	QPSK	1	137		20.98			
100	QPSK	1	271		20.80			
100	QPSK	135	0		20.16		21.5	1.0
100	QPSK	135	69		20.94		22.5	0.0
100	QPSK	135	138		19.92		21.5	1.0
100	QPSK	270	0		20.16			
100	16QAM	1	1		20.00		21.5	1.0
100	64QAM	1	1		18.49		20.0	2.5
100	256QAM	1	1		16.46		18.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	20.91	20.85	20.82	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	20.88	20.88	20.84	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	20.88	20.95	20.89	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	20.94	20.93	20.91	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	20.90	20.84	20.85	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	20.92	20.94	20.90	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	20.92	20.89	20.89	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	20.94	20.87	20.89	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	20.94	20.86	20.91	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	20.95	20.93	20.89	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.91		25.5	0.0
100	PI/2 BPSK	1	137		23.77			
100	PI/2 BPSK	1	271		23.84			
100	PI/2 BPSK	135	0		23.49		25.0	0.5
100	PI/2 BPSK	135	69		23.73		25.5	0.0
100	PI/2 BPSK	135	138		23.46		25.0	0.5
100	PI/2 BPSK	270	0		23.47			
100	QPSK	1	1		23.97		25.5	0.0
100	QPSK	1	137		23.92			
100	QPSK	1	271		23.71			
100	QPSK	135	0		23.07		24.5	1.0
100	QPSK	135	69		23.87		25.5	0.0
100	QPSK	135	138		22.84		24.5	1.0
100	QPSK	270	0		23.08			
100	16QAM	1	1		22.99		24.5	1.0
100	64QAM	1	1		21.45		23.0	2.5
100	256QAM	1	1		19.46		21.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	23.83	23.91	23.85	25.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	23.88	23.91	23.89	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	23.86	23.93	23.77	25.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	23.91	23.93	23.81	25.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	23.84	23.91	23.80	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	23.84	23.91	23.84	25.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	23.86	23.94	23.87	25.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	23.84	23.94	23.82	25.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	23.83	23.94	23.83	25.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	23.84	23.90	23.88	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.20		22.5	0.0
100	PI/2 BPSK	1	137		21.15			
100	PI/2 BPSK	1	271		21.24			
100	PI/2 BPSK	135	0		20.78		22.0	0.5
100	PI/2 BPSK	135	69		21.18		22.5	0.0
100	PI/2 BPSK	135	138		20.84		22.0	0.5
100	PI/2 BPSK	270	0		20.89			
100	QPSK	1	1		21.35		22.5	0.0
100	QPSK	1	137		21.33			
100	QPSK	1	271		21.14			
100	QPSK	135	0		20.46		21.5	1.0
100	QPSK	135	69		21.29		22.5	0.0
100	QPSK	135	138		20.20		21.5	1.0
100	QPSK	270	0		20.49			
100	16QAM	1	1		20.32		21.5	1.0
100	64QAM	1	1		18.76		20.0	2.5
100	256QAM	1	1		16.78		18.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	21.16	21.20	21.09	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.18	21.19	21.14	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	21.21	21.18	21.07	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	21.18	21.10	21.16	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.17	21.12	21.16	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	21.24	21.16	21.11	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	21.24	21.19	21.08	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.26	21.12	21.10	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	21.15	21.09	21.14	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	21.26	21.10	21.13	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.19		25.5	0.0
100	PI/2 BPSK	1	137		24.16			
100	PI/2 BPSK	1	271		24.22			
100	PI/2 BPSK	135	0		23.79		25.0	0.5
100	PI/2 BPSK	135	69		24.16		25.5	0.0
100	PI/2 BPSK	135	138		23.78		25.0	0.5
100	PI/2 BPSK	270	0		23.89			
100	QPSK	1	1		24.39		25.5	0.0
100	QPSK	1	137		24.34			
100	QPSK	1	271		24.17			
100	QPSK	135	0		23.46		24.5	1.0
100	QPSK	135	69		24.25		25.5	0.0
100	QPSK	135	138		23.15		24.5	1.0
100	QPSK	270	0		23.49			
100	16QAM	1	1		23.27		24.5	1.0
100	64QAM	1	1		21.71		23.0	2.5
100	256QAM	1	1		19.78		21.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	24.15	24.20	24.05	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.15	24.17	24.14	25.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	24.18	24.15	24.05	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	24.18	24.16	24.15	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.20	24.26	24.14	25.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	24.16	24.17	24.08	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	24.10	24.25	24.05	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.21	24.19	24.10	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	24.18	24.15	24.12	25.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	24.12	24.26	24.07	25.5	0.0

Reduced Power Mode for Main PA DSI1

n2 Ant 1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.97	22.94	22.90	24.5	0.0
20	PI/2 BPSK	1	53	22.99	23.02	22.96		
20	PI/2 BPSK	1	104	22.79	22.87	22.81		
20	PI/2 BPSK	50	0	22.51	22.58	22.45	24.0	0.5
20	PI/2 BPSK	50	28	22.99	23.02	22.94	24.5	0.0
20	PI/2 BPSK	50	56	22.43	22.56	22.43	24.0	0.5
20	PI/2 BPSK	100	0	22.46	22.59	22.51		
20	QPSK	1	1	22.93	23.07	22.96	24.5	0.0
20	QPSK	1	53	22.99	23.01	22.94		
20	QPSK	1	104	22.79	22.88	22.84		
20	QPSK	50	0	21.96	22.08	22.03	23.5	1.0
20	QPSK	50	28	22.92	23.05	22.91	24.5	0.0
20	QPSK	50	56	22.00	22.07	22.05	23.5	1.0
20	QPSK	100	0	22.06	22.12	22.03		
20	16QAM	1	1	21.76	21.79	21.75	23.5	1.0
20	64QAM	1	1	20.29	20.40	20.35	22.0	2.5
20	256QAM	1	1	18.90	19.03	18.97	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.87	22.93	22.93	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.84	23.01	22.90	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.89	23.02	22.86	24.5	0.0

n5 Ant 1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.20	24.27	24.15	25.7	0.0
20	PI/2 BPSK	1	53	24.39	24.45	24.36		
20	PI/2 BPSK	1	104	24.35	24.47	24.34		
20	PI/2 BPSK	50	0	23.96	24.09	23.99	25.2	0.5
20	PI/2 BPSK	50	28	24.39	24.45	24.31	25.7	0.0
20	PI/2 BPSK	50	56	24.01	24.09	24.01	25.2	0.5
20	PI/2 BPSK	100	0	24.03	24.08	23.98		
20	QPSK	1	1	24.49	24.58	24.50	25.7	0.0
20	QPSK	1	53	24.32	24.43	24.35		
20	QPSK	1	104	24.31	24.38	24.29		
20	QPSK	50	0	23.48	23.61	23.54	24.7	1.0
20	QPSK	50	28	24.39	24.47	24.38	25.7	0.0
20	QPSK	50	56	23.06	23.11	23.09	24.7	1.0
20	QPSK	100	0	23.55	23.65	23.52		
20	16QAM	1	1	23.10	23.22	23.18	24.7	1.0
20	64QAM	1	1	21.70	21.81	21.77	23.2	2.5
20	256QAM	1	1	20.31	20.42	20.36	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.39	24.51	24.38	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.39	24.50	24.45	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.45	24.48	24.46	25.7	0.0

n7 Ant 1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.38	23.45	23.37	25.0	0.0
50	PI/2 BPSK	1	135	23.38	23.44	23.41		
50	PI/2 BPSK	1	268	23.31	23.33	23.19		
50	PI/2 BPSK	135	0	22.90	23.00	22.90	24.5	0.5
50	PI/2 BPSK	135	68	23.35	23.40	23.35	25.0	0.0
50	PI/2 BPSK	135	135	23.02	23.15	23.13	24.5	0.5
50	PI/2 BPSK	270	0	22.94	23.04	22.98		
50	QPSK	1	1	23.38	23.41	23.35	25.0	0.0
50	QPSK	1	135	23.33	23.46	23.34		
50	QPSK	1	268	23.49	23.52	23.45		
50	QPSK	135	0	22.44	22.50	22.38	24.0	1.0
50	QPSK	135	68	23.34	23.42	23.38	25.0	0.0
50	QPSK	135	135	22.54	22.63	22.57	24.0	1.0
50	QPSK	270	0	22.50	22.58	22.45		
50	16QAM	1	1	22.12	22.26	22.12	24.0	1.0
50	64QAM	1	1	20.75	20.85	20.81	22.5	2.5
50	256QAM	1	1	19.04	19.03	19.00	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.38	23.48	23.37	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.44	23.46	23.39	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.38	23.40	23.38	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.37	23.40	23.35	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.46	23.49	23.32	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.40	23.40	23.40	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.46	23.47	23.40	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.64	23.75	23.65	25.5	0.0
40	PI/2 BPSK	1	108	23.53	23.67	23.65		
40	PI/2 BPSK	1	214	23.54	23.64	23.61		
40	PI/2 BPSK	108	0	23.10	23.17	23.03	25.0	0.5
40	PI/2 BPSK	108	54	23.55	23.66	23.52	25.5	0.0
40	PI/2 BPSK	108	108	23.13	23.22	23.09	25.0	0.5
40	PI/2 BPSK	216	0	23.19	23.28	23.17		
40	QPSK	1	1	23.69	23.78	23.74	25.5	0.0
40	QPSK	1	108	23.59	23.62	23.56		
40	QPSK	1	214	23.54	23.59	23.54		
40	QPSK	108	0	22.54	22.60	22.53	24.5	1.0
40	QPSK	108	54	23.56	23.62	23.51	25.5	0.0
40	QPSK	108	108	22.65	22.70	22.66	24.5	1.0
40	QPSK	216	0	22.65	22.67	22.63		
40	16QAM	1	1	22.62	22.64	22.56	24.5	1.0
40	64QAM	1	1	21.03	21.15	21.04	23.0	2.5
40	256QAM	1	1	19.40	19.46	19.37	21.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.56	23.74	23.62	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.63	23.69	23.61	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.65	23.69	23.72	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.61	23.73	23.63	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.59	23.67	23.66	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.65	23.72	23.66	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.84	21.87	21.84	22.5	0.0
50	PI/2 BPSK	1	135	21.75	21.83	21.73		
50	PI/2 BPSK	1	268	21.79	21.87	21.83		
50	PI/2 BPSK	135	0	21.76	21.80	21.76	22.5	0.0
50	PI/2 BPSK	135	68	21.76	21.90	21.76	22.5	0.0
50	PI/2 BPSK	135	135	21.81	21.87	21.85	22.5	0.0
50	PI/2 BPSK	270	0	21.82	21.87	21.77		
50	QPSK	1	1	21.82	21.85	21.79	22.5	0.0
50	QPSK	1	135	21.76	21.81	21.79		
50	QPSK	1	268	21.86	21.91	21.87		
50	QPSK	135	0	21.80	21.83	21.77	22.5	0.0
50	QPSK	135	68	21.84	21.86	21.80	22.5	0.0
50	QPSK	135	135	21.75	21.84	21.77	22.5	0.0
50	QPSK	270	0	21.86	21.89	21.80		
50	16QAM	1	1	21.80	21.82	21.73	22.5	0.0
50	64QAM	1	1	21.32	21.37	21.34	22.0	0.5
50	256QAM	1	1	19.33	19.37	19.28	20.0	2.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.74	21.90	21.77	22.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.76	21.90	21.86	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.82	21.89	21.85	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.81	21.89	21.83	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.84	21.89	21.80	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.78	21.89	21.76	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.80	21.87	21.77	22.5	0.0

n2 Ant 4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	14.54	14.55	14.49	16.0	0.0
20	PI/2 BPSK	1	53	14.54	14.56	14.48		
20	PI/2 BPSK	1	104	14.53	14.51	14.53		
20	PI/2 BPSK	50	0	14.51	14.57	14.51	16.0	0.0
20	PI/2 BPSK	50	28	14.46	14.56	14.54	16.0	0.0
20	PI/2 BPSK	50	56	14.52	14.52	14.48	16.0	0.0
20	PI/2 BPSK	100	0	14.50	14.54	14.48		
20	QPSK	1	1	14.53	14.59	14.53	16.0	0.0
20	QPSK	1	53	14.46	14.54	14.46		
20	QPSK	1	104	14.51	14.55	14.46		
20	QPSK	50	0	14.50	14.54	14.52	16.0	0.0
20	QPSK	50	28	14.53	14.55	14.51	16.0	0.0
20	QPSK	50	56	14.53	14.54	14.52	16.0	0.0
20	QPSK	100	0	14.56	14.58	14.54		
20	16QAM	1	1	14.53	14.53	14.48	16.0	0.0
20	64QAM	1	1	14.48	14.51	14.54	16.0	0.0
20	256QAM	1	1	14.52	14.51	14.56	16.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	14.51	14.57	14.48	16.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	14.50	14.58	14.46	16.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	14.43	14.58	14.47	16.0	0.0

n5 Ant 4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.18	23.20	23.13	24.2	0.0
20	PI/2 BPSK	1	53	23.13	23.21	23.15		
20	PI/2 BPSK	1	104	23.25	23.26	23.11		
20	PI/2 BPSK	50	0	23.23	23.23	23.18	24.2	0.0
20	PI/2 BPSK	50	28	23.16	23.22	23.20	24.2	0.0
20	PI/2 BPSK	50	56	23.19	23.24	23.19	24.2	0.0
20	PI/2 BPSK	100	0	23.17	23.25	23.12		
20	QPSK	1	1	23.21	23.27	23.16	24.2	0.0
20	QPSK	1	53	23.23	23.26	23.15		
20	QPSK	1	104	23.20	23.23	23.22		
20	QPSK	50	0	23.24	23.21	23.12	24.2	0.0
20	QPSK	50	28	23.23	23.26	23.20	24.2	0.0
20	QPSK	50	56	23.20	23.21	23.21	24.2	0.0
20	QPSK	100	0	23.21	23.23	23.12		
20	16QAM	1	1	23.16	23.26	23.19	24.2	0.0
20	64QAM	1	1	22.25	22.31	22.16	23.2	1.0
20	256QAM	1	1	20.13	20.30	20.19	21.2	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.18	23.26	23.12	24.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.10	23.20	23.09	24.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.15	23.26	23.12	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.48	17.47	17.46	19.0	0.0
50	PI/2 BPSK	1	135	17.51	17.51	17.43		
50	PI/2 BPSK	1	268	17.53	17.52	17.40		
50	PI/2 BPSK	135	0	17.48	17.52	17.50	19.0	0.0
50	PI/2 BPSK	135	68	17.49	17.54	17.47	19.0	0.0
50	PI/2 BPSK	135	135	17.46	17.54	17.50	19.0	0.0
50	PI/2 BPSK	270	0	17.47	17.53	17.48		
50	QPSK	1	1	17.42	17.52	17.45	19.0	0.0
50	QPSK	1	135	17.49	17.53	17.49		
50	QPSK	1	268	17.51	17.58	17.50		
50	QPSK	135	0	17.49	17.48	17.44	19.0	0.0
50	QPSK	135	68	17.50	17.51	17.48	19.0	0.0
50	QPSK	135	135	17.48	17.50	17.44	19.0	0.0
50	QPSK	270	0	17.47	17.54	17.43		
50	16QAM	1	1	17.43	17.52	17.47	19.0	0.0
50	64QAM	1	1	17.46	17.50	17.43	19.0	0.0
50	256QAM	1	1	17.52	17.47	17.45	19.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.49	17.57	17.47	19.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.49	17.54	17.38	19.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.40	17.57	17.45	19.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.49	17.51	17.38	19.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.42	17.55	17.44	19.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.48	17.54	17.44	19.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.49	17.57	17.39	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.29	23.35	23.35	25.0	0.0
40	PI/2 BPSK	1	53	23.31	23.36	23.33		
40	PI/2 BPSK	1	104	23.32	23.40	23.33		
40	PI/2 BPSK	50	0	22.95	22.93	22.89	24.5	0.5
40	PI/2 BPSK	50	28	23.33	23.37	23.38	25.0	0.0
40	PI/2 BPSK	50	56	22.87	22.98	22.84	24.5	0.5
40	PI/2 BPSK	100	0	22.91	22.97	22.95		
40	QPSK	1	1	23.42	23.47	23.40	25.0	0.0
40	QPSK	1	53	23.38	23.39	23.31		
40	QPSK	1	104	23.33	23.40	23.30		
40	QPSK	50	0	22.43	22.43	22.42	24.0	1.0
40	QPSK	50	28	23.38	23.42	23.30	25.0	0.0
40	QPSK	50	56	22.47	22.50	22.39	24.0	1.0
40	QPSK	100	0	22.37	22.53	22.43		
40	16QAM	1	1	22.44	22.48	22.35	24.0	1.0
40	64QAM	1	1	20.92	20.95	20.86	22.5	2.5
40	256QAM	1	1	18.88	18.99	18.91	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.40	23.43	23.29	25.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.32	23.42	23.35	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.34	23.37	23.33	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.39	23.43	23.33	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.32	23.41	23.27	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.35	23.45	23.41	25.0	0.0
100	PI/2 BPSK	1	137	23.40	23.35	23.35		
100	PI/2 BPSK	1	271	23.35	23.47	23.35		
100	PI/2 BPSK	135	0	23.01	22.95	22.98	24.5	0.5
100	PI/2 BPSK	135	69	23.41	23.43	23.45	25.0	0.0
100	PI/2 BPSK	135	138	22.96	23.08	22.91	24.5	0.5
100	PI/2 BPSK	270	0	22.91	23.06	23.00		
100	QPSK	1	1	23.51	23.53	23.48	25.0	0.0
100	QPSK	1	137	23.44	23.44	23.37		
100	QPSK	1	271	23.40	23.46	23.38		
100	QPSK	135	0	22.45	22.53	22.42	24.0	1.0
100	QPSK	135	69	23.43	23.51	23.31	25.0	0.0
100	QPSK	135	138	22.48	22.51	22.43	24.0	1.0
100	QPSK	270	0	22.45	22.56	22.44		
100	16QAM	1	1	22.47	22.47	22.41	24.0	1.0
100	64QAM	1	1	20.95	21.05	20.88	22.5	2.5
100	256QAM	1	1	18.94	19.06	18.96	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.48	23.47	23.39	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.48	23.51	23.34	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.45	23.47	23.39	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.42	23.40	23.46	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.40	23.51	23.44	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.48	23.49	23.40	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.44	23.41	23.46	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.38	23.45	23.43	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.48	23.43	23.40	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	17.20	17.24	17.21	18.5	0.0
40	PI/2 BPSK	1	53	17.12	17.23	17.18		
40	PI/2 BPSK	1	104	17.15	17.22	17.17		
40	PI/2 BPSK	50	0	17.15	17.22	17.11	18.5	0.0
40	PI/2 BPSK	50	28	17.21	17.25	17.16	18.5	0.0
40	PI/2 BPSK	50	56	17.16	17.16	17.15	18.5	0.0
40	PI/2 BPSK	100	0	17.14	17.25	17.19		
40	QPSK	1	1	17.21	17.27	17.24	18.5	0.0
40	QPSK	1	53	17.16	17.20	17.19		
40	QPSK	1	104	17.18	17.24	17.14		
40	QPSK	50	0	17.12	17.19	17.16	17.5	1.0
40	QPSK	50	28	17.12	17.20	17.18	18.5	0.0
40	QPSK	50	56	17.17	17.19	17.19	17.5	1.0
40	QPSK	100	0	17.17	17.24	17.19		
40	16QAM	1	1	17.14	17.23	17.16	18.5	0.0
40	64QAM	1	1	16.73	16.73	16.69	18.0	0.5
40	256QAM	1	1	14.63	14.73	14.68	16.0	2.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	17.18	17.23	17.17	18.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	17.11	17.24	17.22	18.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.20	17.21	17.22	18.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	17.21	17.21	17.13	18.5	0.0

Par27O n77 Ant 2 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.89	17.94	17.92	19.5	0.0
100	PI/2 BPSK	1	137	17.87	17.95	17.81		
100	PI/2 BPSK	1	271	17.94	17.96	17.90		
100	PI/2 BPSK	135	0	17.48	17.49	17.47	19.0	0.5
100	PI/2 BPSK	135	69	17.91	17.88	17.82	19.5	0.0
100	PI/2 BPSK	135	138	17.49	17.56	17.43	19.0	0.5
100	PI/2 BPSK	270	0	17.49	17.51	17.44		
100	QPSK	1	1	17.99	18.02	17.95	19.5	0.0
100	QPSK	1	137	17.90	17.98	17.88		
100	QPSK	1	271	17.91	17.95	17.85		
100	QPSK	135	0	16.95	17.05	16.94	18.5	1.0
100	QPSK	135	69	17.86	17.96	17.90	19.5	0.0
100	QPSK	135	138	17.00	16.99	16.96	18.5	1.0
100	QPSK	270	0	16.99	17.00	16.92		
100	16QAM	1	1	16.96	16.98	16.90	18.5	1.0
100	64QAM	1	1	15.49	15.49	15.44	17.0	2.5
100	256QAM	1	1	13.54	13.48	13.39	15.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	17.86	17.88	17.83	19.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	17.90	17.95	17.81	19.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	17.89	17.88	17.88	19.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	17.92	17.89	17.86	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	17.93	17.93	17.86	19.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	17.85	17.95	17.79	19.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	17.85	17.91	17.86	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	17.90	17.92	17.87	19.5	0.0

Par27O n77 HPUE Ant 2 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.94	19.04	18.91	20.5	0.0
100	PI/2 BPSK	1	137	18.88	19.07	18.99		
100	PI/2 BPSK	1	271	18.90	19.09	18.91		
100	PI/2 BPSK	135	0	18.94	19.07	19.00	20.5	0.0
100	PI/2 BPSK	135	69	18.88	19.07	19.00	20.5	0.0
100	PI/2 BPSK	135	138	18.94	19.04	18.97	20.5	0.0
100	PI/2 BPSK	270	0	18.97	19.02	18.99		
100	QPSK	1	1	18.94	19.10	18.97	20.5	0.0
100	QPSK	1	137	18.89	18.99	18.95		
100	QPSK	1	271	18.91	19.00	19.02		
100	QPSK	135	0	18.90	19.02	18.96	19.5	1.0
100	QPSK	135	69	18.92	19.05	19.01	20.5	0.0
100	QPSK	135	138	18.92	18.98	18.97	19.5	1.0
100	QPSK	270	0	18.98	19.03	19.01		
100	16QAM	1	1	18.95	19.05	18.95	20.5	0.0
100	64QAM	1	1	18.43	18.47	18.39	20.0	0.5
100	256QAM	1	1	16.51	16.45	16.37	18.0	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	18.88	19.09	18.91	20.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	18.85	19.07	18.88	20.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	18.94	19.04	18.86	20.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	18.93	19.01	18.96	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	18.87	19.00	18.97	20.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	18.91	19.07	18.86	20.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	18.90	19.02	18.91	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	18.94	19.09	18.94	20.5	0.0

Part27Q n77 Ant 2 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.02		19.5	0.0
100	PI/2 BPSK	1	137		18.05			
100	PI/2 BPSK	1	271		18.02			
100	PI/2 BPSK	135	0		17.69		19.0	0.5
100	PI/2 BPSK	135	69		18.07		19.5	0.0
100	PI/2 BPSK	135	138		17.65		19.0	0.5
100	PI/2 BPSK	270	0		17.63			
100	QPSK	1	1		18.15		19.5	0.0
100	QPSK	1	137		18.09			
100	QPSK	1	271		18.06			
100	QPSK	135	0		17.12		19.5	0.0
100	QPSK	135	69		18.09		19.5	0.0
100	QPSK	135	138		17.15		19.5	0.0
100	QPSK	270	0		17.19			
100	16QAM	1	1		17.10		18.5	1.0
100	64QAM	1	1		15.66		17.0	2.5
100	256QAM	1	1		13.67		15.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.05	18.07	18.03	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	17.97	18.06	17.99	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.06	18.05	17.94	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	17.98	18.02	17.96	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.00	18.07	17.94	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.02	18.09	17.97	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	17.99	17.98	17.95	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.02	18.05	17.94	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.22		20.5	0.0
100	PI/2 BPSK	1	137		19.21			
100	PI/2 BPSK	1	271		19.22			
100	PI/2 BPSK	135	0		19.21		20.5	0.0
100	PI/2 BPSK	135	69		19.23		20.5	0.0
100	PI/2 BPSK	135	138		19.16		20.5	0.0
100	PI/2 BPSK	270	0		19.21			
100	QPSK	1	1		19.25		20.5	0.0
100	QPSK	1	137		19.19			
100	QPSK	1	271		19.16			
100	QPSK	135	0		19.23		19.5	1.0
100	QPSK	135	69		19.24		20.5	0.0
100	QPSK	135	138		19.21		19.5	1.0
100	QPSK	270	0		19.23			
100	16QAM	1	1		19.16		20.5	0.0
100	64QAM	1	1		18.70		20.0	0.5
100	256QAM	1	1		16.73		18.0	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	19.03	19.11	18.95	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.97	19.11	19.06	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	19.00	19.09	18.99	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.99	19.05	18.95	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.96	19.11	19.02	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.95	19.08	18.98	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	19.02	19.05	19.04	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.95	19.12	19.02	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.09		19.5	0.0
100	PI/2 BPSK	1	137		18.08			
100	PI/2 BPSK	1	271		18.04			
100	PI/2 BPSK	135	0		17.63		19.0	0.5
100	PI/2 BPSK	135	69		17.93		19.5	0.0
100	PI/2 BPSK	135	138		17.61		19.0	0.5
100	PI/2 BPSK	270	0		17.65			
100	QPSK	1	1		18.12		19.5	0.0
100	QPSK	1	137		18.03			
100	QPSK	1	271		18.05			
100	QPSK	135	0		17.16		18.5	1.0
100	QPSK	135	69		18.00		19.5	0.0
100	QPSK	135	138		17.09		18.5	1.0
100	QPSK	270	0		17.09			
100	16QAM	1	1		17.13		18.5	1.0
100	64QAM	1	1		15.58		17.0	2.5
100	256QAM	1	1		13.60		15.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	18.03	18.05	18.04	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	17.96	18.06	18.04	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.99	17.99	17.99	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	18.02	18.05	18.02	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	18.05	18.08	18.03	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.04	18.04	18.02	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	18.01	17.97	18.04	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	17.98	17.97	18.03	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	18.00	18.02	17.99	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	18.02	18.01	18.05	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.68		20.0	0.0
100	PI/2 BPSK	1	137		18.62			
100	PI/2 BPSK	1	271		18.68			
100	PI/2 BPSK	135	0		18.66		20.0	0.0
100	PI/2 BPSK	135	69		18.64		20.0	0.0
100	PI/2 BPSK	135	138		18.66		20.0	0.0
100	PI/2 BPSK	270	0		18.67			
100	QPSK	1	1		18.69		20.0	0.0
100	QPSK	1	137		18.60			
100	QPSK	1	271		18.62			
100	QPSK	135	0		18.63		20.0	0.0
100	QPSK	135	69		18.68		20.0	0.0
100	QPSK	135	138		18.65		20.0	0.0
100	QPSK	270	0		18.65			
100	16QAM	1	1		18.68		20.0	0.0
100	64QAM	1	1		18.63		20.0	0.0
100	256QAM	1	1		16.62		18.0	2.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	18.47	18.46	18.35	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	18.39	18.47	18.36	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	18.44	18.55	18.38	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	18.41	18.56	18.30	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	18.43	18.50	18.36	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.45	18.47	18.40	20.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	18.40	18.54	18.40	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	18.45	18.46	18.41	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	18.47	18.47	18.38	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	18.39	18.55	18.37	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.14		19.5	0.0
100	PI/2 BPSK	1	137		18.14			
100	PI/2 BPSK	1	271		18.18			
100	PI/2 BPSK	135	0		17.74		19.0	0.5
100	PI/2 BPSK	135	69		18.13		19.5	0.0
100	PI/2 BPSK	135	138		17.69		19.0	0.5
100	PI/2 BPSK	270	0		17.69			
100	QPSK	1	1		18.28		19.5	0.0
100	QPSK	1	137		18.22			
100	QPSK	1	271		18.18			
100	QPSK	135	0		17.21		19.5	0.0
100	QPSK	135	69		18.22		19.5	0.0
100	QPSK	135	138		17.27		19.5	0.0
100	QPSK	270	0		17.27			
100	16QAM	1	1		17.22		18.5	1.0
100	64QAM	1	1		15.72		17.0	2.5
100	256QAM	1	1		13.73		15.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.13	18.12	18.16	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.19	18.13	18.13	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.18	18.15	18.12	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.19	18.14	18.07	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.14	18.14	18.19	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.10	18.22	18.12	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.12	18.19	18.09	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.13	18.16	18.14	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.14	18.18	18.10	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.14	18.16	18.07	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.82		20.0	0.0
100	PI/2 BPSK	1	137		18.83			
100	PI/2 BPSK	1	271		18.80			
100	PI/2 BPSK	135	0		18.82		20.0	0.0
100	PI/2 BPSK	135	69		18.80		20.0	0.0
100	PI/2 BPSK	135	138		18.83		20.0	0.0
100	PI/2 BPSK	270	0		18.77			
100	QPSK	1	1		18.85		20.0	0.0
100	QPSK	1	137		18.80			
100	QPSK	1	271		18.82			
100	QPSK	135	0		18.82		20.0	0.0
100	QPSK	135	69		18.84		20.0	0.0
100	QPSK	135	138		18.83		20.0	0.0
100	QPSK	270	0		18.81			
100	16QAM	1	1		18.76		20.0	0.0
100	64QAM	1	1		18.74		20.0	0.0
100	256QAM	1	1		16.77		18.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.44	18.61	18.60	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.53	18.59	18.60	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.50	18.64	18.56	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.46	18.56	18.53	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.49	18.57	18.63	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.46	18.63	18.62	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.45	18.55	18.63	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.46	18.61	18.59	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.47	18.60	18.54	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.54	18.63	18.57	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.28	22.34	22.25	23.0	0.0
40	PI/2 BPSK	1	53	22.25	22.26	22.30		
40	PI/2 BPSK	1	104	22.20	22.27	22.24		
40	PI/2 BPSK	50	0	22.19	22.26	22.25	23.0	0.0
40	PI/2 BPSK	50	28	22.19	22.28	22.28	23.0	0.0
40	PI/2 BPSK	50	56	22.20	22.33	22.30	23.0	0.0
40	PI/2 BPSK	100	0	22.22	22.29	22.25		
40	QPSK	1	1	22.26	22.35	22.28	23.0	0.0
40	QPSK	1	53	22.23	22.27	22.25		
40	QPSK	1	104	22.23	22.26	22.32		
40	QPSK	50	0	22.22	22.27	22.27	23.0	0.0
40	QPSK	50	28	22.26	22.33	22.24	23.0	0.0
40	QPSK	50	56	22.16	22.33	22.22	23.0	0.0
40	QPSK	100	0	22.22	22.31	22.25		
40	16QAM	1	1	22.18	22.23	22.25	23.0	0.0
40	64QAM	1	1	21.26	21.33	21.20	22.0	1.0
40	256QAM	1	1	19.22	19.30	19.27	20.0	3.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.21	22.31	22.23	23.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.24	22.31	22.20	23.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.14	22.31	22.18	23.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.23	22.30	22.24	23.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.23	22.31	22.18	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.22	22.32	22.23	23.0	0.0
100	PI/2 BPSK	1	137	22.25	22.33	22.25		
100	PI/2 BPSK	1	271	22.28	22.31	22.30		
100	PI/2 BPSK	135	0	22.18	22.30	22.27	23.0	0.0
100	PI/2 BPSK	135	69	22.22	22.30	22.26	23.0	0.0
100	PI/2 BPSK	135	138	22.27	22.33	22.27	23.0	0.0
100	PI/2 BPSK	270	0	22.25	22.32	22.24		
100	QPSK	1	1	22.27	22.38	22.26	23.0	0.0
100	QPSK	1	137	22.24	22.35	22.24		
100	QPSK	1	271	22.19	22.36	22.25		
100	QPSK	135	0	22.25	22.34	22.33	23.0	0.0
100	QPSK	135	69	22.28	22.35	22.27	23.0	0.0
100	QPSK	135	138	22.27	22.34	22.27	23.0	0.0
100	QPSK	270	0	22.24	22.36	22.28		
100	16QAM	1	1	22.21	22.31	22.29	23.0	0.0
100	64QAM	1	1	21.32	21.41	21.21	22.0	1.0
100	256QAM	1	1	19.28	19.34	19.31	20.0	3.0
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	22.20	22.33	22.15	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	22.21	22.32	22.18	23.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	22.26	22.32	22.20	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	22.21	22.34	22.15	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	22.22	22.35	22.19	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	22.18	22.32	22.25	23.0	0.0
Channel				501204.00	518598.00	535998.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	22.20	22.32	22.19	23.0	0.0
Channel				500700.00	518598.00	536496.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.50	2592.99	2682.48		
15	QPSK	1	19	22.19	22.37	22.17	23.0	0.0
Channel				500202.00	518598.00	537000.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685.00		
10	QPSK	1	12	22.21	22.37	22.15	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	19.94	19.96	19.95	21.5	0.0
40	PI/2 BPSK	1	53	19.98	19.91	19.96		
40	PI/2 BPSK	1	104	19.88	19.99	19.91		
40	PI/2 BPSK	50	0	19.93	20.07	20.00	21.5	0.0
40	PI/2 BPSK	50	28	19.91	19.97	19.95	21.5	0.0
40	PI/2 BPSK	50	56	19.97	20.09	20.06	21.5	0.0
40	PI/2 BPSK	100	0	19.98	20.04	20.07		
40	QPSK	1	1	19.97	20.10	20.01	21.5	0.0
40	QPSK	1	53	19.95	19.90	20.01		
40	QPSK	1	104	19.97	20.03	19.99		
40	QPSK	50	0	19.97	20.07	19.97	21.0	0.5
40	QPSK	50	28	19.99	20.08	19.98	21.5	0.0
40	QPSK	50	56	19.98	20.06	20.05	21.0	0.5
40	QPSK	100	0	19.93	20.09	19.96		
40	16QAM	1	1	19.95	20.06	20.02	21.0	0.5
40	64QAM	1	1	17.98	18.10	18.05	19.5	2.0
40	256QAM	1	1	15.98	16.11	16.00	17.5	4.0
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.94	20.02	19.90	21.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	19.91	20.04	20.01	21.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.85	20.07	19.91	21.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	19.89	20.07	20.00	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.42	18.47	18.41	20.0	0.0
100	PI/2 BPSK	1	137	18.44	18.53	18.48		
100	PI/2 BPSK	1	271	18.47	18.51	18.44		
100	PI/2 BPSK	135	0	18.10	18.08	18.00	19.5	0.5
100	PI/2 BPSK	135	69	18.47	18.50	18.42	20.0	0.0
100	PI/2 BPSK	135	138	18.03	18.13	17.97	19.5	0.5
100	PI/2 BPSK	270	0	18.09	18.07	18.06		
100	QPSK	1	1	18.55	18.59	18.52	20.0	0.0
100	QPSK	1	137	18.44	18.50	18.47		
100	QPSK	1	271	18.42	18.47	18.40		
100	QPSK	135	0	17.54	17.54	17.51	19.0	1.0
100	QPSK	135	69	18.44	18.57	18.44	20.0	0.0
100	QPSK	135	138	17.52	17.59	17.54	19.0	1.0
100	QPSK	270	0	17.57	17.63	17.54		
100	16QAM	1	1	17.57	17.55	17.54	19.0	1.0
100	64QAM	1	1	16.02	16.10	16.03	17.5	2.5
100	256QAM	1	1	14.03	14.09	14.08	15.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	18.45	18.52	18.39	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	18.47	18.53	18.50	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	18.42	18.54	18.45	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	18.48	18.48	18.43	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	18.50	18.51	18.48	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	18.45	18.50	18.48	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	18.46	18.49	18.39	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	18.49	18.47	18.48	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.03	20.06	20.03	21.5	0.0
100	PI/2 BPSK	1	137	20.04	20.11	20.09		
100	PI/2 BPSK	1	271	20.11	20.13	20.06		
100	PI/2 BPSK	135	0	20.05	20.14	20.09	21.5	0.0
100	PI/2 BPSK	135	69	20.02	20.14	20.05	21.5	0.0
100	PI/2 BPSK	135	138	20.05	20.15	20.03	21.5	0.0
100	PI/2 BPSK	270	0	20.09	20.14	20.04		
100	QPSK	1	1	20.10	20.16	20.10	21.5	0.0
100	QPSK	1	137	20.10	20.11	20.09		
100	QPSK	1	271	20.08	20.10	20.01		
100	QPSK	135	0	20.09	20.14	20.08	21.5	0.0
100	QPSK	135	69	20.06	20.07	20.03	21.5	0.0
100	QPSK	135	138	20.09	20.10	20.06	21.5	0.0
100	QPSK	270	0	20.06	20.11	20.06		
100	16QAM	1	1	20.10	20.13	20.07	21.5	0.0
100	64QAM	1	1	19.06	19.08	19.01	20.5	1.0
100	256QAM	1	1	17.04	17.06	17.09	18.5	3.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	20.03	20.10	20.05	21.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	20.09	20.14	20.03	21.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	20.01	20.10	20.08	21.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	20.02	20.13	20.02	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	20.03	20.14	19.98	21.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	20.03	20.13	20.09	21.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	20.02	20.11	20.08	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	20.03	20.15	20.00	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.82		20.0	0.0
100	PI/2 BPSK	1	137		18.82			
100	PI/2 BPSK	1	271		18.80			
100	PI/2 BPSK	135	0		18.42		19.5	0.5
100	PI/2 BPSK	135	69		18.76		20.0	0.0
100	PI/2 BPSK	135	138		18.44		19.5	0.5
100	PI/2 BPSK	270	0		18.31			
100	QPSK	1	1		18.89		20.0	0.0
100	QPSK	1	137		18.85			
100	QPSK	1	271		18.77			
100	QPSK	135	0		17.90		19.0	1.0
100	QPSK	135	69		18.87		20.0	0.0
100	QPSK	135	138		17.91		19.0	1.0
100	QPSK	270	0		17.97			
100	16QAM	1	1		17.90		19.0	1.0
100	64QAM	1	1		16.42		17.5	2.5
100	256QAM	1	1		14.40		15.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.78	18.82	18.68	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.71	18.80	18.74	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.72	18.79	18.69	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.76	18.81	18.74	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.77	18.80	18.73	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.74	18.79	18.69	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.70	18.82	18.68	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.70	18.83	18.71	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.42		21.5	0.0
100	PI/2 BPSK	1	137		20.46			
100	PI/2 BPSK	1	271		20.46			
100	PI/2 BPSK	135	0		20.39		21.5	0.0
100	PI/2 BPSK	135	69		20.41		21.5	0.0
100	PI/2 BPSK	135	138		20.45		21.5	0.0
100	PI/2 BPSK	270	0		20.40			
100	QPSK	1	1		20.52		21.5	0.0
100	QPSK	1	137		20.50			
100	QPSK	1	271		20.43			
100	QPSK	135	0		20.46		21.5	0.0
100	QPSK	135	69		20.50		21.5	0.0
100	QPSK	135	138		20.45		21.5	0.0
100	QPSK	270	0		20.46			
100	16QAM	1	1		20.41		21.5	0.0
100	64QAM	1	1		19.43		20.5	1.0
100	256QAM	1	1		17.43		18.5	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	20.17	20.24	20.04	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	20.25	20.26	20.12	21.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	20.15	20.21	20.08	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	20.15	20.22	20.07	21.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	20.22	20.28	20.08	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	20.19	20.22	20.12	21.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	20.15	20.26	20.08	21.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	20.14	20.23	20.10	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.57		20.0	0.0
100	PI/2 BPSK	1	137		18.55			
100	PI/2 BPSK	1	271		18.58			
100	PI/2 BPSK	135	0		18.09		19.5	0.5
100	PI/2 BPSK	135	69		18.59		20.0	0.0
100	PI/2 BPSK	135	138		18.22		19.5	0.5
100	PI/2 BPSK	270	0		18.17			
100	QPSK	1	1		18.65		20.0	0.0
100	QPSK	1	137		18.59			
100	QPSK	1	271		18.56			
100	QPSK	135	0		17.57		19.0	1.0
100	QPSK	135	69		18.60		20.0	0.0
100	QPSK	135	138		17.60		19.0	1.0
100	QPSK	270	0		17.66			
100	16QAM	1	1		17.58		19.0	1.0
100	64QAM	1	1		16.15		17.5	2.5
100	256QAM	1	1		14.14		15.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	18.53	18.59	18.43	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	18.47	18.55	18.43	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	18.50	18.59	18.48	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	18.46	18.52	18.50	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	18.46	18.57	18.39	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.48	18.63	18.47	20.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	18.55	18.54	18.42	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	18.48	18.63	18.42	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	18.50	18.58	18.49	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	18.50	18.55	18.46	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.62		21.0	0.0
100	PI/2 BPSK	1	137		19.67			
100	PI/2 BPSK	1	271		19.65			
100	PI/2 BPSK	135	0		19.60		21.0	0.0
100	PI/2 BPSK	135	69		19.65		21.0	0.0
100	PI/2 BPSK	135	138		19.66		21.0	0.0
100	PI/2 BPSK	270	0		19.58			
100	QPSK	1	1		19.68		21.0	0.0
100	QPSK	1	137		19.66			
100	QPSK	1	271		19.60			
100	QPSK	135	0		19.63		21.0	0.0
100	QPSK	135	69		19.64		21.0	0.0
100	QPSK	135	138		19.61		21.0	0.0
100	QPSK	270	0		19.62			
100	16QAM	1	1		19.58		21.0	0.0
100	64QAM	1	1		19.14		20.5	0.5
100	256QAM	1	1		17.20		18.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	19.44	19.51	19.32	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	19.55	19.43	19.39	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	19.45	19.53	19.39	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	19.48	19.52	19.40	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	19.50	19.52	19.37	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.55	19.50	19.34	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	19.54	19.45	19.41	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	19.51	19.50	19.29	21.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	19.47	19.51	19.33	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	19.55	19.53	19.34	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.90		20.0	0.0
100	PI/2 BPSK	1	137		18.96			
100	PI/2 BPSK	1	271		18.98			
100	PI/2 BPSK	135	0		18.60		19.5	0.5
100	PI/2 BPSK	135	69		18.89		20.0	0.0
100	PI/2 BPSK	135	138		18.55		19.5	0.5
100	PI/2 BPSK	270	0		18.37			
100	QPSK	1	1		19.06		20.0	0.0
100	QPSK	1	137		18.93			
100	QPSK	1	271		18.87			
100	QPSK	135	0		17.98		19.0	1.0
100	QPSK	135	69		19.04		20.0	0.0
100	QPSK	135	138		18.04		19.0	1.0
100	QPSK	270	0		18.10			
100	16QAM	1	1		18.07		19.0	1.0
100	64QAM	1	1		16.56		17.5	2.5
100	256QAM	1	1		14.57		15.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.88	18.95	18.84	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.85	18.93	18.85	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.86	18.94	18.82	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.88	18.88	18.77	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.95	18.95	18.85	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.87	18.94	18.83	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.95	18.89	18.85	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.94	19.00	18.76	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.89	18.89	18.79	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.85	18.95	18.82	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.07		21.0	0.0
100	PI/2 BPSK	1	137		20.11			
100	PI/2 BPSK	1	271		20.07			
100	PI/2 BPSK	135	0		20.04		21.0	0.0
100	PI/2 BPSK	135	69		20.10		21.0	0.0
100	PI/2 BPSK	135	138		20.08		21.0	0.0
100	PI/2 BPSK	270	0		20.08			
100	QPSK	1	1		20.12		21.0	0.0
100	QPSK	1	137		20.05			
100	QPSK	1	271		20.10			
100	QPSK	135	0		20.06		21.0	0.0
100	QPSK	135	69		20.09		21.0	0.0
100	QPSK	135	138		20.01		21.0	0.0
100	QPSK	270	0		20.08			
100	16QAM	1	1		20.01		21.0	0.0
100	64QAM	1	1		19.61		20.5	0.5
100	256QAM	1	1		17.62		18.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	19.91	19.94	19.87	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	19.91	19.94	19.83	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	19.84	19.99	19.85	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	19.90	19.97	19.85	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	19.84	19.93	19.89	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	19.91	19.99	19.85	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	19.90	19.97	19.85	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	19.83	19.98	19.79	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	19.87	19.94	19.86	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	19.86	19.92	19.84	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.05	16.08	16.04	17.5	0.0
40	PI/2 BPSK	1	53	15.96	16.02	16.04		
40	PI/2 BPSK	1	104	16.06	16.07	16.05		
40	PI/2 BPSK	50	0	16.01	16.05	16.03	17.5	0.0
40	PI/2 BPSK	50	28	15.97	16.07	15.98	17.5	0.0
40	PI/2 BPSK	50	56	16.04	16.06	16.04	17.5	0.0
40	PI/2 BPSK	100	0	15.98	16.07	15.97		
40	QPSK	1	1	16.01	16.09	16.04	17.5	0.0
40	QPSK	1	53	15.98	16.02	16.02		
40	QPSK	1	104	15.96	16.06	16.05		
40	QPSK	50	0	15.98	16.07	16.04	17.5	0.0
40	QPSK	50	28	16.01	16.04	16.02	17.5	0.0
40	QPSK	50	56	15.99	16.03	16.01	17.5	0.0
40	QPSK	100	0	16.05	16.07	16.05		
40	16QAM	1	1	16.02	16.05	15.99	17.5	0.0
40	64QAM	1	1	16.06	16.06	16.04	17.5	0.0
40	256QAM	1	1	16.04	16.05	16.00	17.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.92	16.04	15.98	17.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	15.92	16.07	15.99	17.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.01	16.04	15.98	17.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.97	16.04	16.03	17.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.90	16.06	15.95	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.01	17.19	17.01	19.0	0.0
100	PI/2 BPSK	1	137	17.01	17.17	17.08		
100	PI/2 BPSK	1	271	17.06	17.15	17.06		
100	PI/2 BPSK	135	0	17.06	17.14	17.02	19.0	0.0
100	PI/2 BPSK	135	69	17.08	17.18	17.02	19.0	0.0
100	PI/2 BPSK	135	138	17.07	17.16	17.10	19.0	0.0
100	PI/2 BPSK	270	0	17.09	17.16	17.02		
100	QPSK	1	1	17.10	17.22	17.08	19.0	0.0
100	QPSK	1	137	17.03	17.19	17.12		
100	QPSK	1	271	17.03	17.15	17.03		
100	QPSK	135	0	17.05	17.18	17.07	19.0	0.0
100	QPSK	135	69	17.08	17.19	17.11	19.0	0.0
100	QPSK	135	138	17.01	17.13	17.02	19.0	0.0
100	QPSK	270	0	17.10	17.20	17.12		
100	16QAM	1	1	17.10	17.20	17.07	19.0	0.0
100	64QAM	1	1	17.10	17.21	17.07	19.0	0.0
100	256QAM	1	1	17.04	17.15	17.10	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.06	17.18	16.98	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.04	17.19	17.02	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.05	17.20	17.04	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.03	17.19	17.07	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.99	17.16	17.05	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.05	17.21	17.06	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.02	17.19	16.96	19.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.06	17.17	16.97	19.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.01	17.17	17.00	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	14.99	15.04	15.04	16.5	0.0
40	PI/2 BPSK	1	53	14.99	15.01	15.06		
40	PI/2 BPSK	1	104	15.02	15.07	15.00		
40	PI/2 BPSK	50	0	15.04	15.03	14.96	16.5	0.0
40	PI/2 BPSK	50	28	15.05	15.02	15.07	16.5	0.0
40	PI/2 BPSK	50	56	15.03	15.05	14.98	16.5	0.0
40	PI/2 BPSK	100	0	14.98	15.10	15.05		
40	QPSK	1	1	15.06	15.12	15.05	16.5	0.0
40	QPSK	1	53	14.99	15.11	15.04		
40	QPSK	1	104	14.99	15.01	15.08		
40	QPSK	50	0	15.03	15.04	15.00	16.5	0.0
40	QPSK	50	28	15.04	15.05	15.03	16.5	0.0
40	QPSK	50	56	15.03	15.04	15.04	16.5	0.0
40	QPSK	100	0	15.05	15.08	15.07		
40	16QAM	1	1	15.05	15.06	15.02	16.5	0.0
40	64QAM	1	1	15.02	15.09	15.04	16.5	0.0
40	256QAM	1	1	15.01	15.06	15.04	16.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	14.99	15.08	15.03	16.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	15.03	15.08	14.93	16.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	15.01	15.10	14.96	16.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	15.01	15.11	15.03	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.14	16.11	16.09	17.5	0.0
100	PI/2 BPSK	1	137	16.04	16.09	16.06		
100	PI/2 BPSK	1	271	16.16	16.11	16.06		
100	PI/2 BPSK	135	0	16.09	16.11	16.10	17.5	0.0
100	PI/2 BPSK	135	69	16.05	16.14	16.16	17.5	0.0
100	PI/2 BPSK	135	138	16.07	16.16	16.11	17.5	0.0
100	PI/2 BPSK	270	0	16.09	16.16	16.12		
100	QPSK	1	1	16.13	16.19	16.16	17.5	0.0
100	QPSK	1	137	16.04	16.15	16.06		
100	QPSK	1	271	16.09	16.18	16.09		
100	QPSK	135	0	16.06	16.12	16.10	17.5	0.0
100	QPSK	135	69	16.08	16.14	16.11	17.5	0.0
100	QPSK	135	138	16.10	16.13	16.07	17.5	0.0
100	QPSK	270	0	16.09	16.17	16.13		
100	16QAM	1	1	16.14	16.16	16.11	17.5	0.0
100	64QAM	1	1	16.09	16.16	16.14	17.5	0.0
100	256QAM	1	1	16.09	16.10	16.16	17.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	16.09	16.17	16.13	17.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	16.06	16.14	16.12	17.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	16.10	16.10	16.06	17.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	16.07	16.15	16.13	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.11	16.11	16.10	17.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	16.11	16.14	16.09	17.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	16.04	16.17	16.07	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	16.12	16.11	16.07	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.05		17.5	0.0
100	PI/2 BPSK	1	137		16.09			
100	PI/2 BPSK	1	271		16.11			
100	PI/2 BPSK	135	0		16.06		17.5	0.0
100	PI/2 BPSK	135	69		16.04		17.5	0.0
100	PI/2 BPSK	135	138		16.10		17.5	0.0
100	PI/2 BPSK	270	0		16.11			
100	QPSK	1	1		16.13		17.5	0.0
100	QPSK	1	137		16.10			
100	QPSK	1	271		16.07			
100	QPSK	135	0		16.08		17.5	0.0
100	QPSK	135	69		16.11		17.5	0.0
100	QPSK	135	138		16.08		17.5	0.0
100	QPSK	270	0		16.10			
100	16QAM	1	1		16.04		17.5	0.0
100	64QAM	1	1		16.06		17.5	0.0
100	256QAM	1	1		16.05		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	15.97	15.95	15.85	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	15.98	16.01	15.78	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	15.94	15.97	15.80	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	15.91	15.96	15.87	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	15.97	15.94	15.83	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	15.90	15.99	15.81	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	15.91	15.96	15.81	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	15.91	15.95	15.79	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.11		17.5	0.0
100	PI/2 BPSK	1	137		16.07			
100	PI/2 BPSK	1	271		16.08			
100	PI/2 BPSK	135	0		16.10		17.5	0.0
100	PI/2 BPSK	135	69		16.04		17.5	0.0
100	PI/2 BPSK	135	138		16.11		17.5	0.0
100	PI/2 BPSK	270	0		16.08			
100	QPSK	1	1		16.14		17.5	0.0
100	QPSK	1	137		16.04			
100	QPSK	1	271		16.08			
100	QPSK	135	0		16.07		17.5	0.0
100	QPSK	135	69		16.13		17.5	0.0
100	QPSK	135	138		16.12		17.5	0.0
100	QPSK	270	0		16.11			
100	16QAM	1	1		16.02		17.5	0.0
100	64QAM	1	1		16.03		17.5	0.0
100	256QAM	1	1		16.07		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	15.95	15.99	15.87	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	15.97	16.03	15.92	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	15.99	15.95	15.85	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	15.98	15.92	15.87	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	15.98	15.98	15.90	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	16.02	15.99	15.95	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	15.97	16.04	15.87	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	16.03	15.97	15.88	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	16.00	16.04	15.93	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	16.04	16.03	15.90	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.08		17.5	0.0
100	PI/2 BPSK	1	137		16.07			
100	PI/2 BPSK	1	271		15.99			
100	PI/2 BPSK	135	0		16.08		17.5	0.0
100	PI/2 BPSK	135	69		15.99		17.5	0.0
100	PI/2 BPSK	135	138		16.05		17.5	0.0
100	PI/2 BPSK	270	0		16.08			
100	QPSK	1	1		16.11		17.5	0.0
100	QPSK	1	137		16.06			
100	QPSK	1	271		16.05			
100	QPSK	135	0		16.02		17.5	0.0
100	QPSK	135	69		16.06		17.5	0.0
100	QPSK	135	138		16.04		17.5	0.0
100	QPSK	270	0		16.02			
100	16QAM	1	1		16.00		17.5	0.0
100	64QAM	1	1		16.03		17.5	0.0
100	256QAM	1	1		16.08		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	15.93	16.02	15.96	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	15.94	16.01	15.90	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	15.96	15.98	15.91	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	15.90	15.97	15.97	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	15.90	15.99	15.87	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	15.86	16.02	15.92	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	15.91	15.99	15.90	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	15.95	15.92	15.90	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	15.88	16.02	15.86	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	15.86	16.03	15.90	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.24	18.30	18.21	20.0	0.0
40	PI/2 BPSK	1	53	18.26	18.26	18.23		
40	PI/2 BPSK	1	104	18.23	18.25	18.21		
40	PI/2 BPSK	50	0	17.81	17.91	17.80	19.5	0.5
40	PI/2 BPSK	50	28	18.21	18.28	18.28	20.0	0.0
40	PI/2 BPSK	50	56	17.81	17.90	17.79	19.5	0.5
40	PI/2 BPSK	100	0	17.77	17.84	17.78		
40	QPSK	1	1	18.31	18.38	18.32	20.0	0.0
40	QPSK	1	53	18.27	18.30	18.23		
40	QPSK	1	104	18.25	18.36	18.26		
40	QPSK	50	0	17.30	17.43	17.27	19.0	1.0
40	QPSK	50	28	18.27	18.35	18.21	20.0	0.0
40	QPSK	50	56	17.36	17.39	17.36	19.0	1.0
40	QPSK	100	0	17.27	17.40	17.37		
40	16QAM	1	1	17.25	17.37	17.31	19.0	1.0
40	64QAM	1	1	15.86	15.88	15.86	17.5	2.5
40	256QAM	1	1	13.86	13.86	13.82	15.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.17	18.28	18.29	20.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.25	18.36	18.19	20.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.27	18.36	18.24	20.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.17	18.25	18.29	20.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.20	18.33	18.28	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.34	18.37	18.31	20.0	0.0
100	PI/2 BPSK	1	137	18.36	18.37	18.25		
100	PI/2 BPSK	1	271	18.31	18.34	18.30		
100	PI/2 BPSK	135	0	17.82	17.92	17.86	19.5	0.5
100	PI/2 BPSK	135	69	18.32	18.36	18.34	20.0	0.0
100	PI/2 BPSK	135	138	17.85	17.98	17.82	19.5	0.5
100	PI/2 BPSK	270	0	17.87	17.93	17.85		
100	QPSK	1	1	18.42	18.48	18.33	20.0	0.0
100	QPSK	1	137	18.38	18.39	18.23		
100	QPSK	1	271	18.31	18.46	18.31		
100	QPSK	135	0	17.41	17.49	17.34	19.0	1.0
100	QPSK	135	69	18.36	18.45	18.25	20.0	0.0
100	QPSK	135	138	17.44	17.50	17.48	19.0	1.0
100	QPSK	270	0	17.35	17.46	17.44		
100	16QAM	1	1	17.27	17.47	17.35	19.0	1.0
100	64QAM	1	1	15.97	15.99	15.88	17.5	2.5
100	256QAM	1	1	13.91	13.92	13.92	15.5	4.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	18.25	18.29	18.33	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	18.19	18.38	18.36	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	18.21	18.36	18.35	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	18.28	18.36	18.34	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	18.24	18.37	18.39	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	18.24	18.40	18.38	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	18.18	18.31	18.34	20.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	18.23	18.31	18.30	20.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	18.25	18.35	18.32	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	19.37	19.38	19.34	21.0	0.0
40	PI/2 BPSK	1	53	19.33	19.47	19.44		
40	PI/2 BPSK	1	104	19.39	19.39	19.43		
40	PI/2 BPSK	50	0	19.35	19.48	19.45	21.0	0.0
40	PI/2 BPSK	50	28	19.42	19.45	19.36	21.0	0.0
40	PI/2 BPSK	50	56	19.42	19.46	19.36	21.0	0.0
40	PI/2 BPSK	100	0	19.35	19.38	19.44		
40	QPSK	1	1	19.42	19.48	19.41	21.0	0.0
40	QPSK	1	53	19.35	19.38	19.35		
40	QPSK	1	104	19.31	19.41	19.40		
40	QPSK	50	0	19.34	19.40	19.37	21.0	0.0
40	QPSK	50	28	19.38	19.46	19.45	21.0	0.0
40	QPSK	50	56	19.37	19.41	19.39	21.0	0.0
40	QPSK	100	0	19.37	19.49	19.46		
40	16QAM	1	1	19.39	19.48	19.36	21.0	0.0
40	64QAM	1	1	19.37	19.48	19.37	21.0	0.0
40	256QAM	1	1	18.41	18.46	18.45	20.0	1.0
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.30	19.47	19.34	21.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	19.34	19.43	19.35	21.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.32	19.47	19.29	21.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	19.31	19.43	19.33	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.55	17.56	17.53	19.0	0.0
100	PI/2 BPSK	1	137	17.56	17.56	17.55		
100	PI/2 BPSK	1	271	17.55	17.60	17.62		
100	PI/2 BPSK	135	0	17.56	17.62	17.61	19.0	0.0
100	PI/2 BPSK	135	69	17.57	17.64	17.59	19.0	0.0
100	PI/2 BPSK	135	138	17.55	17.62	17.52	19.0	0.0
100	PI/2 BPSK	270	0	17.51	17.62	17.56		
100	QPSK	1	1	17.58	17.66	17.60	19.0	0.0
100	QPSK	1	137	17.54	17.65	17.60		
100	QPSK	1	271	17.52	17.59	17.60		
100	QPSK	135	0	17.57	17.60	17.57	19.0	0.0
100	QPSK	135	69	17.55	17.64	17.59	19.0	0.0
100	QPSK	135	138	17.57	17.61	17.54	19.0	0.0
100	QPSK	270	0	17.54	17.59	17.51		
100	16QAM	1	1	17.56	17.60	17.51	19.0	0.0
100	64QAM	1	1	17.51	17.59	17.50	19.0	0.0
100	256QAM	1	1	17.54	17.57	17.51	19.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	17.49	17.50	17.38	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	17.45	17.50	17.41	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	17.46	17.51	17.45	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	17.47	17.55	17.45	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	17.55	17.56	17.34	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	17.50	17.57	17.46	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	17.45	17.52	17.38	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	17.44	17.50	17.35	19.0	0.0

Part27Q n77 PC2&3 Ant 7 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.83		19.0	0.0
100	PI/2 BPSK	1	137		17.81			
100	PI/2 BPSK	1	271		17.83			
100	PI/2 BPSK	135	0		17.76		19.0	0.0
100	PI/2 BPSK	135	69		17.75		19.0	0.0
100	PI/2 BPSK	135	138		17.80		19.0	0.0
100	PI/2 BPSK	270	0		17.82			
100	QPSK	1	1		17.86		19.0	0.0
100	QPSK	1	137		17.84			
100	QPSK	1	271		17.78			
100	QPSK	135	0		17.78		19.0	0.0
100	QPSK	135	69		17.85		19.0	0.0
100	QPSK	135	138		17.76		19.0	0.0
100	QPSK	270	0		17.78			
100	16QAM	1	1		17.83		19.0	0.0
100	64QAM	1	1		17.82		19.0	0.0
100	256QAM	1	1		17.76		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	17.72	17.78	17.62	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	17.62	17.75	17.61	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	17.71	17.80	17.67	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	17.67	17.73	17.68	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	17.60	17.73	17.69	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	17.64	17.77	17.62	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	17.63	17.81	17.66	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	17.67	17.73	17.62	19.0	0.0

Part27O n78 PC2&3 Ant 7 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.01		19.5	0.0
100	PI/2 BPSK	1	137		18.00			
100	PI/2 BPSK	1	271		18.02			
100	PI/2 BPSK	135	0		17.91		19.5	0.0
100	PI/2 BPSK	135	69		17.97		19.5	0.0
100	PI/2 BPSK	135	138		18.01		19.5	0.0
100	PI/2 BPSK	270	0		17.91			
100	QPSK	1	1		18.03		19.5	0.0
100	QPSK	1	137		17.93			
100	QPSK	1	271		17.93			
100	QPSK	135	0		17.92		19.5	0.0
100	QPSK	135	69		17.98		19.5	0.0
100	QPSK	135	138		17.97		19.5	0.0
100	QPSK	270	0		18.00			
100	16QAM	1	1		17.99		19.5	0.0
100	64QAM	1	1		17.92		19.5	0.0
100	256QAM	1	1		17.97		19.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	17.85	17.89	17.83	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	17.79	17.85	17.75	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.80	17.88	17.76	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	17.75	17.93	17.84	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	17.77	17.84	17.78	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.82	17.84	17.80	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	17.81	17.87	17.81	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	17.82	17.91	17.75	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	17.83	17.89	17.79	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	17.83	17.92	17.83	19.5	0.0

Part27Q n78 PC2&3 Ant 7 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.38		19.5	0.0
100	PI/2 BPSK	1	137		18.39			
100	PI/2 BPSK	1	271		18.41			
100	PI/2 BPSK	135	0		18.40		19.5	0.0
100	PI/2 BPSK	135	69		18.38		19.5	0.0
100	PI/2 BPSK	135	138		18.35		19.5	0.0
100	PI/2 BPSK	270	0		18.34			
100	QPSK	1	1		18.42		19.5	0.0
100	QPSK	1	137		18.41			
100	QPSK	1	271		18.37			
100	QPSK	135	0		18.34		19.5	0.0
100	QPSK	135	69		18.40		19.5	0.0
100	QPSK	135	138		18.37		19.5	0.0
100	QPSK	270	0		18.39			
100	16QAM	1	1		18.38		19.5	0.0
100	64QAM	1	1		18.36		19.5	0.0
100	256QAM	1	1		18.37		19.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.06	18.18	17.96	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.04	18.17	18.01	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.14	18.10	18.07	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.11	18.21	18.01	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.13	18.20	18.04	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.07	18.13	18.02	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.11	18.17	17.96	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.13	18.10	17.96	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.07	18.17	17.95	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.15	18.16	17.96	19.5	0.0

Reduced Power Mode for Main PA DSI1 ENDC

n7 Ant 3 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.31	19.42	19.33	20.0	0.0
50	PI/2 BPSK	1	135	19.29	19.31	19.26		
50	PI/2 BPSK	1	268	19.35	19.42	19.32		
50	PI/2 BPSK	135	0	19.30	19.30	19.31	20.0	0.0
50	PI/2 BPSK	135	68	19.26	19.36	19.23	20.0	0.0
50	PI/2 BPSK	135	135	19.33	19.41	19.32	20.0	0.0
50	PI/2 BPSK	270	0	19.32	19.42	19.27		
50	QPSK	1	1	19.36	19.36	19.24	20.0	0.0
50	QPSK	1	135	19.26	19.25	19.26		
50	QPSK	1	268	19.38	19.45	19.39		
50	QPSK	135	0	19.34	19.39	19.22	20.0	0.0
50	QPSK	135	68	19.36	19.42	19.32	20.0	0.0
50	QPSK	135	135	19.31	19.29	19.24	20.0	0.0
50	QPSK	270	0	19.36	19.44	19.34		
50	16QAM	1	1	19.27	19.37	19.21	20.0	0.0
50	64QAM	1	1	19.31	19.37	19.36	20.0	0.0
50	256QAM	1	1	19.33	19.37	19.28	20.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.26	19.35	19.21	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.31	19.32	19.19	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.32	19.31	19.19	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.32	19.33	19.16	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.26	19.34	19.19	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.26	19.30	19.21	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.27	19.30	19.15	20.0	0.0

n5 Ant 4 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.22	20.15	20.16	21.2	0.0
20	PI/2 BPSK	1	53	20.14	20.15	20.13		
20	PI/2 BPSK	1	104	20.29	20.29	20.10		
20	PI/2 BPSK	50	0	20.18	20.28	20.15	21.2	0.0
20	PI/2 BPSK	50	28	20.14	20.23	20.16	21.2	0.0
20	PI/2 BPSK	50	56	20.24	20.27	20.16	21.2	0.0
20	PI/2 BPSK	100	0	20.19	20.22	20.18		
20	QPSK	1	1	20.25	20.32	20.29	21.2	0.0
20	QPSK	1	53	20.25	20.29	20.19		
20	QPSK	1	104	20.25	20.24	20.25		
20	QPSK	50	0	20.20	20.20	20.18	21.2	0.0
20	QPSK	50	28	20.21	20.30	20.23	21.2	0.0
20	QPSK	50	56	20.24	20.17	20.20	21.2	0.0
20	QPSK	100	0	20.24	20.26	20.16		
20	16QAM	1	1	20.15	20.28	20.17	21.2	0.0
20	64QAM	1	1	20.27	20.30	20.15	21.2	0.0
20	256QAM	1	1	20.13	20.30	20.19	21.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.17	20.26	20.17	21.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.22	20.29	20.26	21.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.17	20.26	20.22	21.2	0.0

n38 Ant 3 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.33	19.34	19.26	20.0	0.0
40	PI/2 BPSK	1	53	19.26	19.22	19.29		
40	PI/2 BPSK	1	104	19.25	19.31	19.18		
40	PI/2 BPSK	50	0	19.22	19.32	19.20	20.0	0.0
40	PI/2 BPSK	50	28	19.18	19.25	19.27	20.0	0.0
40	PI/2 BPSK	50	56	19.24	19.38	19.30	20.0	0.0
40	PI/2 BPSK	100	0	19.19	19.23	19.19		
40	QPSK	1	1	19.30	19.40	19.30	20.0	0.0
40	QPSK	1	53	19.21	19.25	19.25		
40	QPSK	1	104	19.20	19.32	19.26		
40	QPSK	50	0	19.19	19.26	19.24	20.0	0.0
40	QPSK	50	28	19.26	19.35	19.30	20.0	0.0
40	QPSK	50	56	19.19	19.30	19.26	20.0	0.0
40	QPSK	100	0	19.27	19.33	19.24		
40	16QAM	1	1	19.18	19.28	19.23	20.0	0.0
40	64QAM	1	1	19.25	19.34	19.21	20.0	0.0
40	256QAM	1	1	19.22	19.30	19.27	20.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.28	19.34	19.24	20.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.22	19.38	19.22	20.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.27	19.33	19.22	20.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.25	19.30	19.20	20.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.30	19.33	19.29	20.0	0.0

n41 Ant 3 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.20	19.36	19.29	20.0	0.0
100	PI/2 BPSK	1	137	19.23	19.29	19.28		
100	PI/2 BPSK	1	271	19.30	19.34	19.26		
100	PI/2 BPSK	135	0	19.14	19.35	19.24	20.0	0.0
100	PI/2 BPSK	135	69	19.21	19.35	19.25	20.0	0.0
100	PI/2 BPSK	135	138	19.27	19.35	19.29	20.0	0.0
100	PI/2 BPSK	270	0	19.21	19.34	19.19		
100	QPSK	1	1	19.24	19.38	19.29	20.0	0.0
100	QPSK	1	137	19.27	19.35	19.25		
100	QPSK	1	271	19.23	19.35	19.23		
100	QPSK	135	0	19.19	19.31	19.29	20.0	0.0
100	QPSK	135	69	19.29	19.34	19.29	20.0	0.0
100	QPSK	135	138	19.31	19.32	19.23	20.0	0.0
100	QPSK	270	0	19.21	19.32	19.22		
100	16QAM	1	1	19.20	19.25	19.24	20.0	0.0
100	64QAM	1	1	19.28	19.37	19.16	20.0	0.0
100	256QAM	1	1	19.28	19.34	19.31	20.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	19.22	19.35	19.26	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	19.20	19.33	19.23	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	19.23	19.37	19.26	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	19.15	19.35	19.18	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	19.20	19.31	19.26	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	19.23	19.30	19.23	20.0	0.0
Channel				501204.00	518598.00	535998.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	19.17	19.32	19.27	20.0	0.0
Channel				500700.00	518598.00	536496.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.50	2592.99	2682.48		
15	QPSK	1	19	19.16	19.37	19.18	20.0	0.0
Channel				500202.00	518598.00	537000.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685.00		
10	QPSK	1	12	19.13	19.33	19.18	20.0	0.0

Par27O n77 PC2&3 Ant 5 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.09	13.10	13.02	14.5	0.0
100	PI/2 BPSK	1	137	13.05	13.06	12.95		
100	PI/2 BPSK	1	271	13.05	13.12	12.99		
100	PI/2 BPSK	135	0	13.09	13.03	13.05	14.5	0.0
100	PI/2 BPSK	135	69	12.96	13.11	13.11	14.5	0.0
100	PI/2 BPSK	135	138	13.05	13.11	13.09	14.5	0.0
100	PI/2 BPSK	270	0	13.04	13.11	13.10		
100	QPSK	1	1	13.06	13.15	13.11	14.5	0.0
100	QPSK	1	137	12.97	13.06	13.05		
100	QPSK	1	271	13.03	13.12	13.04		
100	QPSK	135	0	12.97	13.10	13.03	14.5	0.0
100	QPSK	135	69	13.04	13.14	13.08	14.5	0.0
100	QPSK	135	138	13.01	13.02	13.06	14.5	0.0
100	QPSK	270	0	13.07	13.11	13.08		
100	16QAM	1	1	13.10	13.11	13.10	14.5	0.0
100	64QAM	1	1	13.10	13.14	13.08	14.5	0.0
100	256QAM	1	1	13.10	13.11	13.06	14.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	13.03	13.13	13.08	14.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	12.99	13.12	13.03	14.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	13.01	13.12	13.09	14.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	12.98	13.08	13.03	14.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	12.98	13.06	13.03	14.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	12.97	13.12	13.08	14.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	13.07	13.07	13.13	14.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	13.00	13.09	13.10	14.5	0.0

Part27Q n77 PC2&3 Ant 5 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.07		14.5	0.0
100	PI/2 BPSK	1	137		13.08			
100	PI/2 BPSK	1	271		13.10			
100	PI/2 BPSK	135	0		13.06		14.5	0.0
100	PI/2 BPSK	135	69		13.09		14.5	0.0
100	PI/2 BPSK	135	138		13.06		14.5	0.0
100	PI/2 BPSK	270	0		13.07			
100	QPSK	1	1		13.14		14.5	0.0
100	QPSK	1	137		13.08			
100	QPSK	1	271		13.10			
100	QPSK	135	0		13.11		13.5	1.0
100	QPSK	135	69		13.12		14.5	0.0
100	QPSK	135	138		13.07		13.5	1.0
100	QPSK	270	0		13.08			
100	16QAM	1	1		13.08		14.5	0.0
100	64QAM	1	1		13.12		14.5	0.0
100	256QAM	1	1		13.10		14.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	13.03	13.10	12.91	14.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	13.05	13.01	12.95	14.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	13.10	13.02	13.01	14.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	13.03	13.09	12.95	14.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	13.03	13.04	12.99	14.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	13.01	13.05	13.00	14.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	13.03	13.10	12.91	14.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	13.04	13.06	12.90	14.5	0.0

Part27O n78 PC2&3 Ant 5 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		13.08		14.5	0.0
100	PI/2 BPSK	1	137		13.09			
100	PI/2 BPSK	1	271		13.08			
100	PI/2 BPSK	135	0		13.09		14.5	0.0
100	PI/2 BPSK	135	69		13.01		14.5	0.0
100	PI/2 BPSK	135	138		13.10		14.5	0.0
100	PI/2 BPSK	270	0		13.04			
100	QPSK	1	1		13.11		14.5	0.0
100	QPSK	1	137		13.04			
100	QPSK	1	271		13.09			
100	QPSK	135	0		13.08		13.5	1.0
100	QPSK	135	69		13.10		14.5	0.0
100	QPSK	135	138		13.09		13.5	1.0
100	QPSK	270	0		13.09			
100	16QAM	1	1		12.99		14.5	0.0
100	64QAM	1	1		12.98		14.5	0.0
100	256QAM	1	1		13.04		14.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	12.94	12.94	12.86	14.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	12.91	13.00	12.85	14.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	12.94	12.96	12.89	14.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	12.97	12.97	12.89	14.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	13.00	12.98	12.91	14.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	12.96	13.02	12.85	14.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	13.00	13.05	12.87	14.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	12.93	13.01	12.85	14.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	13.00	13.05	12.83	14.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	12.91	12.96	12.90	14.5	0.0

Part27Q 78 PC2&3 Ant 5 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.04		14.5	0.0
100	PI/2 BPSK	1	137		12.98			
100	PI/2 BPSK	1	271		12.91			
100	PI/2 BPSK	135	0		13.00		14.5	0.0
100	PI/2 BPSK	135	69		12.99		14.5	0.0
100	PI/2 BPSK	135	138		12.94		14.5	0.0
100	PI/2 BPSK	270	0		13.00			
100	QPSK	1	1		13.09		14.5	0.0
100	QPSK	1	137		13.07			
100	QPSK	1	271		12.95			
100	QPSK	135	0		12.92		13.5	1.0
100	QPSK	135	69		13.03		14.5	0.0
100	QPSK	135	138		13.00		13.5	1.0
100	QPSK	270	0		13.02			
100	16QAM	1	1		13.00		14.5	0.0
100	64QAM	1	1		13.02		14.5	0.0
100	256QAM	1	1		13.02		14.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	12.88	13.03	12.92	14.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	12.97	13.04	13.01	14.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	12.94	12.97	12.93	14.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	12.97	12.97	12.96	14.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	12.91	13.07	12.94	14.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	12.87	13.04	13.01	14.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	12.97	13.08	12.93	14.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	12.90	13.00	12.94	14.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	12.98	13.07	12.98	14.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	12.90	12.99	12.93	14.5	0.0

Reduced Power Mode for Main PA DSI2

n2 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.97	22.94	22.90	24.5	0.0
20	PI/2 BPSK	1	53	22.99	23.02	22.96		
20	PI/2 BPSK	1	104	22.79	22.87	22.81		
20	PI/2 BPSK	50	0	22.51	22.58	22.45	24.0	0.5
20	PI/2 BPSK	50	28	22.99	23.02	22.94	24.5	0.0
20	PI/2 BPSK	50	56	22.43	22.56	22.43	24.0	0.5
20	PI/2 BPSK	100	0	22.46	22.59	22.51		
20	QPSK	1	1	22.93	23.07	22.96	24.5	0.0
20	QPSK	1	53	22.99	23.01	22.94		
20	QPSK	1	104	22.79	22.88	22.84		
20	QPSK	50	0	21.96	22.08	22.03	23.5	1.0
20	QPSK	50	28	22.92	23.05	22.91	24.5	0.0
20	QPSK	50	56	22.00	22.07	22.05	23.5	1.0
20	QPSK	100	0	22.06	22.12	22.03		
20	16QAM	1	1	21.76	21.79	21.75	23.5	1.0
20	64QAM	1	1	20.29	20.40	20.35	22.0	2.5
20	256QAM	1	1	18.90	19.03	18.97	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.87	22.93	22.93	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.84	23.01	22.90	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.89	23.02	22.86	24.5	0.0

n5 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.20	24.27	24.15	25.7	0.0
20	PI/2 BPSK	1	53	24.39	24.45	24.36		
20	PI/2 BPSK	1	104	24.35	24.47	24.34		
20	PI/2 BPSK	50	0	23.96	24.09	23.99	25.2	0.5
20	PI/2 BPSK	50	28	24.39	24.45	24.31	25.7	0.0
20	PI/2 BPSK	50	56	24.01	24.09	24.01	25.2	0.5
20	PI/2 BPSK	100	0	24.03	24.08	23.98		
20	QPSK	1	1	24.49	24.58	24.50	25.7	0.0
20	QPSK	1	53	24.32	24.43	24.35		
20	QPSK	1	104	24.31	24.38	24.29		
20	QPSK	50	0	23.48	23.61	23.54	24.7	1.0
20	QPSK	50	28	24.39	24.47	24.38	25.7	0.0
20	QPSK	50	56	23.06	23.11	23.09	24.7	1.0
20	QPSK	100	0	23.55	23.65	23.52		
20	16QAM	1	1	23.10	23.22	23.18	24.7	1.0
20	64QAM	1	1	21.70	21.81	21.77	23.2	2.5
20	256QAM	1	1	20.31	20.42	20.36	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.39	24.51	24.38	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.39	24.50	24.45	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.45	24.48	24.46	25.7	0.0

n7 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.38	23.45	23.37	25.0	0.0
50	PI/2 BPSK	1	135	23.38	23.44	23.41		
50	PI/2 BPSK	1	268	23.31	23.33	23.19		
50	PI/2 BPSK	135	0	22.90	23.00	22.90	24.5	0.5
50	PI/2 BPSK	135	68	23.35	23.40	23.35	25.0	0.0
50	PI/2 BPSK	135	135	23.02	23.15	23.13	24.5	0.5
50	PI/2 BPSK	270	0	22.94	23.04	22.98		
50	QPSK	1	1	23.38	23.41	23.35	25.0	0.0
50	QPSK	1	135	23.33	23.46	23.34		
50	QPSK	1	268	23.49	23.52	23.45		
50	QPSK	135	0	22.44	22.50	22.38	24.0	1.0
50	QPSK	135	68	23.34	23.42	23.38	25.0	0.0
50	QPSK	135	135	22.54	22.63	22.57	24.0	1.0
50	QPSK	270	0	22.50	22.58	22.45		
50	16QAM	1	1	22.12	22.26	22.12	24.0	1.0
50	64QAM	1	1	20.75	20.85	20.81	22.5	2.5
50	256QAM	1	1	19.04	19.03	19.00	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.38	23.48	23.37	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.44	23.46	23.39	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.38	23.40	23.38	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.37	23.40	23.35	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.46	23.49	23.32	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.40	23.40	23.40	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.46	23.47	23.40	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.60	22.67	22.63	24.5	0.0
40	PI/2 BPSK	1	108	22.59	22.72	22.60		
40	PI/2 BPSK	1	214	22.62	22.65	22.65		
40	PI/2 BPSK	108	0	22.60	22.72	22.66	24.5	0.0
40	PI/2 BPSK	108	54	22.64	22.69	22.59	24.5	0.0
40	PI/2 BPSK	108	108	22.64	22.62	22.57	24.5	0.0
40	PI/2 BPSK	216	0	22.66	22.62	22.62		
40	QPSK	1	1	22.68	22.75	22.70	24.5	0.0
40	QPSK	1	108	22.66	22.72	22.57		
40	QPSK	1	214	22.59	22.73	22.66		
40	QPSK	108	0	22.61	22.72	22.57	24.5	0.0
40	QPSK	108	54	22.58	22.69	22.67	24.5	0.0
40	QPSK	108	108	22.64	22.63	22.58	24.5	0.0
40	QPSK	216	0	22.56	22.62	22.63		
40	16QAM	1	1	22.56	22.59	22.57	24.5	0.0
40	64QAM	1	1	21.19	21.29	21.17	23.0	1.5
40	256QAM	1	1	19.15	19.30	19.15	21.0	3.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.65	22.67	22.57	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.55	22.62	22.66	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.60	22.64	22.57	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.62	22.62	22.65	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.62	22.71	22.60	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.54	22.64	22.66	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.62	23.70	23.63	24.5	0.0
50	PI/2 BPSK	1	135	23.62	23.68	23.54		
50	PI/2 BPSK	1	268	23.62	23.71	23.51		
50	PI/2 BPSK	135	0	23.28	23.35	23.24	24.0	0.5
50	PI/2 BPSK	135	68	23.57	23.79	23.58	24.5	0.0
50	PI/2 BPSK	135	135	23.27	23.33	23.25	24.0	0.5
50	PI/2 BPSK	270	0	23.27	23.41	23.32		
50	QPSK	1	1	23.78	23.77	23.66	24.5	0.0
50	QPSK	1	135	23.67	23.75	23.67		
50	QPSK	1	268	23.81	23.86	23.79		
50	QPSK	135	0	22.77	22.82	22.81	23.5	1.0
50	QPSK	135	68	23.67	23.81	23.65	24.5	0.0
50	QPSK	135	135	22.78	22.84	22.75	23.5	1.0
50	QPSK	270	0	22.81	22.85	22.79		
50	16QAM	1	1	22.82	22.82	22.77	23.5	1.0
50	64QAM	1	1	21.32	21.37	21.34	22.0	2.5
50	256QAM	1	1	19.33	19.37	19.28	20.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.64	23.75	23.55	24.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.57	23.74	23.60	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.55	23.75	23.54	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.53	23.76	23.57	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.59	23.69	23.52	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.58	23.72	23.59	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.56	23.77	23.52	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.92	21.95	21.97	23.5	0.0
20	PI/2 BPSK	1	53	21.93	22.03	21.88		
20	PI/2 BPSK	1	104	21.90	21.96	21.94		
20	PI/2 BPSK	50	0	21.47	21.57	21.53	23.0	0.5
20	PI/2 BPSK	50	28	21.94	21.93	21.94	23.5	0.0
20	PI/2 BPSK	50	56	21.54	21.56	21.47	23.0	0.5
20	PI/2 BPSK	100	0	21.48	21.51	21.51		
20	QPSK	1	1	22.00	22.06	22.01	23.5	0.0
20	QPSK	1	53	21.87	22.03	21.88		
20	QPSK	1	104	21.87	21.94	21.98		
20	QPSK	50	0	21.05	21.11	21.04	22.5	1.0
20	QPSK	50	28	21.95	21.99	21.97	23.5	0.0
20	QPSK	50	56	21.00	21.05	21.04	22.5	1.0
20	QPSK	100	0	21.02	21.05	20.99		
20	16QAM	1	1	20.94	21.09	21.02	22.5	1.0
20	64QAM	1	1	19.56	19.53	19.48	21.0	2.5
20	256QAM	1	1	17.55	17.57	17.47	19.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.95	22.00	21.91	23.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.96	21.95	21.94	23.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.97	21.96	21.98	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.42	24.50	24.46	25.7	0.0
20	PI/2 BPSK	1	53	24.41	24.49	24.38		
20	PI/2 BPSK	1	104	24.43	24.53	24.47		
20	PI/2 BPSK	50	0	24.01	24.07	23.95	25.2	0.5
20	PI/2 BPSK	50	28	24.47	24.53	24.43	25.7	0.0
20	PI/2 BPSK	50	56	24.01	24.09	23.96	25.2	0.5
20	PI/2 BPSK	100	0	24.05	24.05	24.06		
20	QPSK	1	1	24.52	24.59	24.50	25.7	0.0
20	QPSK	1	53	24.39	24.48	24.39		
20	QPSK	1	104	24.46	24.46	24.42		
20	QPSK	50	0	23.46	23.62	23.47	24.7	1.0
20	QPSK	50	28	24.39	24.56	24.47	25.7	0.0
20	QPSK	50	56	23.50	23.61	23.47	24.7	1.0
20	QPSK	100	0	23.53	23.57	23.51		
20	16QAM	1	1	23.47	23.60	23.46	24.7	1.0
20	64QAM	1	1	22.08	22.14	21.99	23.2	2.5
20	256QAM	1	1	19.96	20.13	20.02	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.47	24.55	24.48	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.44	24.48	24.42	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.47	24.46	24.45	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.35	23.41	23.38	25.0	0.0
50	PI/2 BPSK	1	135	23.36	23.39	23.33		
50	PI/2 BPSK	1	268	23.38	23.40	23.35		
50	PI/2 BPSK	135	0	23.01	23.04	23.00	24.5	0.5
50	PI/2 BPSK	135	68	23.38	23.40	23.31	25.0	0.0
50	PI/2 BPSK	135	135	23.02	22.99	22.97	24.5	0.5
50	PI/2 BPSK	270	0	22.96	22.98	22.97		
50	QPSK	1	1	23.44	23.43	23.42	25.0	0.0
50	QPSK	1	135	23.36	23.43	23.37		
50	QPSK	1	268	23.48	23.52	23.45		
50	QPSK	135	0	22.49	22.53	22.50	24.0	1.0
50	QPSK	135	68	23.39	23.44	23.39	25.0	0.0
50	QPSK	135	135	22.47	22.49	22.43	24.0	1.0
50	QPSK	270	0	22.46	22.48	22.43		
50	16QAM	1	1	22.50	22.57	22.44	24.0	1.0
50	64QAM	1	1	20.99	21.01	20.96	22.5	2.5
50	256QAM	1	1	18.93	19.05	18.90	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.37	23.41	23.34	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.38	23.45	23.34	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.41	23.45	23.33	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.40	23.45	23.37	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.38	23.41	23.40	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.34	23.47	23.38	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.40	23.39	23.38	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.29	23.35	23.35	25.0	0.0
40	PI/2 BPSK	1	53	23.31	23.36	23.33		
40	PI/2 BPSK	1	104	23.32	23.40	23.33		
40	PI/2 BPSK	50	0	22.95	22.93	22.89	24.5	0.5
40	PI/2 BPSK	50	28	23.33	23.37	23.38	25.0	0.0
40	PI/2 BPSK	50	56	22.87	22.98	22.84	24.5	0.5
40	PI/2 BPSK	100	0	22.91	22.97	22.95		
40	QPSK	1	1	23.42	23.47	23.40	25.0	0.0
40	QPSK	1	53	23.38	23.39	23.31		
40	QPSK	1	104	23.33	23.40	23.30		
40	QPSK	50	0	22.43	22.43	22.42	24.0	1.0
40	QPSK	50	28	23.38	23.42	23.30	25.0	0.0
40	QPSK	50	56	22.47	22.50	22.39	24.0	1.0
40	QPSK	100	0	22.37	22.53	22.43		
40	16QAM	1	1	22.44	22.48	22.35	24.0	1.0
40	64QAM	1	1	20.92	20.95	20.86	22.5	2.5
40	256QAM	1	1	18.88	18.99	18.91	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.40	23.43	23.29	25.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.32	23.42	23.35	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.34	23.37	23.33	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.39	23.43	23.33	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.32	23.41	23.27	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.35	23.45	23.41	25.0	0.0
100	PI/2 BPSK	1	137	23.40	23.35	23.35		
100	PI/2 BPSK	1	271	23.35	23.47	23.35		
100	PI/2 BPSK	135	0	23.01	22.95	22.98	24.5	0.5
100	PI/2 BPSK	135	69	23.41	23.43	23.45	25.0	0.0
100	PI/2 BPSK	135	138	22.96	23.08	22.91	24.5	0.5
100	PI/2 BPSK	270	0	22.91	23.06	23.00		
100	QPSK	1	1	23.51	23.53	23.48	25.0	0.0
100	QPSK	1	137	23.44	23.44	23.37		
100	QPSK	1	271	23.40	23.46	23.38		
100	QPSK	135	0	22.45	22.53	22.42	24.0	1.0
100	QPSK	135	69	23.43	23.51	23.31	25.0	0.0
100	QPSK	135	138	22.48	22.51	22.43	24.0	1.0
100	QPSK	270	0	22.45	22.56	22.44		
100	16QAM	1	1	22.47	22.47	22.41	24.0	1.0
100	64QAM	1	1	20.95	21.05	20.88	22.5	2.5
100	256QAM	1	1	18.94	19.06	18.96	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.48	23.47	23.39	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.48	23.51	23.34	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.45	23.47	23.39	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.42	23.40	23.46	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.40	23.51	23.44	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.48	23.49	23.40	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.44	23.41	23.46	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.38	23.45	23.43	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.48	23.43	23.40	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	18.15	18.16	18.13	19.5	0.0
40	PI/2 BPSK	1	53	18.14	18.22	18.13		
40	PI/2 BPSK	1	104	18.13	18.21	18.18		
40	PI/2 BPSK	50	0	18.16	18.20	18.17	19.5	0.0
40	PI/2 BPSK	50	28	18.15	18.18	18.14	19.5	0.0
40	PI/2 BPSK	50	56	18.12	18.22	18.19	19.5	0.0
40	PI/2 BPSK	100	0	18.18	18.18	18.15		
40	QPSK	1	1	18.19	18.28	18.22	19.5	0.0
40	QPSK	1	53	18.17	18.19	18.11		
40	QPSK	1	104	18.19	18.21	18.15		
40	QPSK	50	0	18.22	18.23	18.20	19.5	0.0
40	QPSK	50	28	18.16	18.24	18.19	19.5	0.0
40	QPSK	50	56	18.20	18.22	18.20	19.5	0.0
40	QPSK	100	0	18.20	18.27	18.15		
40	16QAM	1	1	18.22	18.16	18.14	19.5	0.0
40	64QAM	1	1	16.73	16.73	16.69	18.0	1.5
40	256QAM	1	1	14.63	14.73	14.68	16.0	3.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.19	18.20	18.13	19.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	18.12	18.17	18.20	19.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.16	18.19	18.11	19.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	18.17	18.16	18.12	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.44	17.55	17.49	19.0	0.0
100	PI/2 BPSK	1	137	17.43	17.49	17.42		
100	PI/2 BPSK	1	271	17.46	17.50	17.42		
100	PI/2 BPSK	135	0	17.43	17.53	17.49	19.0	0.0
100	PI/2 BPSK	135	69	17.48	17.55	17.52	19.0	0.0
100	PI/2 BPSK	135	138	17.42	17.53	17.43	19.0	0.0
100	PI/2 BPSK	270	0	17.39	17.52	17.43		
100	QPSK	1	1	17.48	17.56	17.46	19.0	0.0
100	QPSK	1	137	17.42	17.52	17.48		
100	QPSK	1	271	17.45	17.51	17.45		
100	QPSK	135	0	17.45	17.52	17.44	19.0	0.0
100	QPSK	135	69	17.46	17.55	17.45	19.0	0.0
100	QPSK	135	138	17.45	17.53	17.48	19.0	0.0
100	QPSK	270	0	17.41	17.53	17.44		
100	16QAM	1	1	17.49	17.52	17.47	19.0	0.0
100	64QAM	1	1	17.44	17.49	17.47	19.0	0.0
100	256QAM	1	1	16.51	16.45	16.37	18.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	17.42	17.54	17.38	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	17.40	17.52	17.37	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	17.38	17.50	17.44	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	17.37	17.52	17.43	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	17.44	17.54	17.35	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	17.43	17.55	17.44	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	17.37	17.54	17.42	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	17.47	17.53	17.36	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.69		19.0	0.0
100	PI/2 BPSK	1	137		17.71			
100	PI/2 BPSK	1	271		17.65			
100	PI/2 BPSK	135	0		17.67		19.0	0.0
100	PI/2 BPSK	135	69		17.67		19.0	0.0
100	PI/2 BPSK	135	138		17.68		19.0	0.0
100	PI/2 BPSK	270	0		17.65			
100	QPSK	1	1		17.74		19.0	0.0
100	QPSK	1	137		17.71			
100	QPSK	1	271		17.63			
100	QPSK	135	0		17.65		19.0	0.0
100	QPSK	135	69		17.73		19.0	0.0
100	QPSK	135	138		17.63		19.0	0.0
100	QPSK	270	0		17.72			
100	16QAM	1	1		17.71		19.0	0.0
100	64QAM	1	1		17.72		19.0	0.0
100	256QAM	1	1		16.73		18.0	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	17.51	17.54	17.39	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	17.56	17.58	17.41	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	17.49	17.53	17.43	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	17.52	17.55	17.42	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	17.54	17.54	17.46	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	17.54	17.51	17.44	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	17.53	17.57	17.37	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	17.56	17.52	17.47	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.09		19.5	0.0
100	PI/2 BPSK	1	137		18.08			
100	PI/2 BPSK	1	271		18.04			
100	PI/2 BPSK	135	0		17.83		19.0	0.5
100	PI/2 BPSK	135	69		17.93		19.5	0.0
100	PI/2 BPSK	135	138		17.61		19.0	0.5
100	PI/2 BPSK	270	0		17.65			
100	QPSK	1	1		18.12		19.5	0.0
100	QPSK	1	137		18.03			
100	QPSK	1	271		18.05			
100	QPSK	135	0		17.16		18.5	1.0
100	QPSK	135	69		18.00		19.5	0.0
100	QPSK	135	138		17.09		18.5	1.0
100	QPSK	270	0		17.09			
100	16QAM	1	1		17.13		18.5	1.0
100	64QAM	1	1		15.58		17.0	2.5
100	256QAM	1	1		13.60		15.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	18.03	18.05	18.04	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	17.96	18.06	18.04	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.99	17.99	17.99	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	18.02	18.05	18.02	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	18.05	18.08	18.03	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.04	18.04	18.02	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	18.01	17.97	18.04	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	17.98	17.97	18.03	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	18.00	18.02	17.99	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	18.02	18.01	18.05	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.68		20.0	0.0
100	PI/2 BPSK	1	137		18.62			
100	PI/2 BPSK	1	271		18.68			
100	PI/2 BPSK	135	0		18.66		20.0	0.0
100	PI/2 BPSK	135	69		18.64		20.0	0.0
100	PI/2 BPSK	135	138		18.66		20.0	0.0
100	PI/2 BPSK	270	0		18.67			
100	QPSK	1	1		18.69		20.0	0.0
100	QPSK	1	137		18.60			
100	QPSK	1	271		18.62			
100	QPSK	135	0		18.63		20.0	0.0
100	QPSK	135	69		18.68		20.0	0.0
100	QPSK	135	138		18.65		20.0	0.0
100	QPSK	270	0		18.65			
100	16QAM	1	1		18.68		20.0	0.0
100	64QAM	1	1		18.63		20.0	0.0
100	256QAM	1	1		16.62		18.0	2.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	18.47	18.46	18.35	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	18.39	18.47	18.36	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	18.44	18.55	18.38	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	18.41	18.56	18.30	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	18.43	18.50	18.36	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.45	18.47	18.40	20.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	18.40	18.54	18.40	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	18.45	18.46	18.41	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	18.47	18.47	18.38	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	18.39	18.55	18.37	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.14		19.5	0.0
100	PI/2 BPSK	1	137		18.14			
100	PI/2 BPSK	1	271		18.18			
100	PI/2 BPSK	135	0		17.74		19.0	0.5
100	PI/2 BPSK	135	69		18.13		19.5	0.0
100	PI/2 BPSK	135	138		17.69		19.0	0.5
100	PI/2 BPSK	270	0		17.69			
100	QPSK	1	1		18.28		19.5	0.0
100	QPSK	1	137		18.22			
100	QPSK	1	271		18.18			
100	QPSK	135	0		17.21		18.5	1.0
100	QPSK	135	69		18.22		19.5	0.0
100	QPSK	135	138		17.27		18.5	1.0
100	QPSK	270	0		17.27			
100	16QAM	1	1		17.22		18.5	1.0
100	64QAM	1	1		15.72		17.0	2.5
100	256QAM	1	1		13.73		15.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.13	18.12	18.16	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.19	18.13	18.13	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.18	18.15	18.12	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.19	18.14	18.07	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.14	18.14	18.19	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.10	18.22	18.12	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.12	18.19	18.09	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.13	18.16	18.14	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.14	18.18	18.10	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.14	18.16	18.07	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.82		20.0	0.0
100	PI/2 BPSK	1	137		18.83			
100	PI/2 BPSK	1	271		18.80			
100	PI/2 BPSK	135	0		18.82		20.0	0.0
100	PI/2 BPSK	135	69		18.80		20.0	0.0
100	PI/2 BPSK	135	138		18.83		20.0	0.0
100	PI/2 BPSK	270	0		18.77			
100	QPSK	1	1		18.85		20.0	0.0
100	QPSK	1	137		18.80			
100	QPSK	1	271		18.82			
100	QPSK	135	0		18.82		20.0	0.0
100	QPSK	135	69		18.84		20.0	0.0
100	QPSK	135	138		18.83		20.0	0.0
100	QPSK	270	0		18.81			
100	16QAM	1	1		18.76		20.0	0.0
100	64QAM	1	1		18.74		20.0	0.0
100	256QAM	1	1		16.77		18.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.44	18.61	18.60	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.53	18.59	18.60	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.50	18.64	18.56	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.46	18.56	18.53	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.49	18.57	18.63	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.46	18.63	18.62	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.45	18.55	18.63	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.46	18.61	18.59	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.47	18.60	18.54	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.54	18.63	18.57	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.65	23.71	23.71	24.5	0.0
40	PI/2 BPSK	1	53	23.65	23.75	23.72		
40	PI/2 BPSK	1	104	23.64	23.68	23.62		
40	PI/2 BPSK	50	0	23.16	23.28	23.28	24.0	0.5
40	PI/2 BPSK	50	28	23.67	23.72	23.69	24.5	0.0
40	PI/2 BPSK	50	56	23.20	23.27	23.20	24.0	0.5
40	PI/2 BPSK	100	0	23.18	23.32	23.31		
40	QPSK	1	1	23.71	23.79	23.76	24.5	0.0
40	QPSK	1	53	23.67	23.75	23.73		
40	QPSK	1	104	23.66	23.66	23.66		
40	QPSK	50	0	22.69	22.84	22.71	23.5	1.0
40	QPSK	50	28	23.62	23.72	23.69	24.5	0.0
40	QPSK	50	56	22.70	22.74	22.80	23.5	1.0
40	QPSK	100	0	22.73	22.85	22.75		
40	16QAM	1	1	22.74	22.76	22.76	23.5	1.0
40	64QAM	1	1	21.26	21.33	21.20	22.0	2.5
40	256QAM	1	1	19.22	19.30	19.27	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.65	23.67	23.65	24.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.64	23.67	23.64	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.66	23.67	23.71	24.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.58	23.74	23.73	24.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.65	23.74	23.65	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.73	23.82	23.79	24.5	0.0
100	PI/2 BPSK	1	137	23.76	23.80	23.82		
100	PI/2 BPSK	1	271	23.75	23.80	23.67		
100	PI/2 BPSK	135	0	23.24	23.39	23.31	24.0	0.5
100	PI/2 BPSK	135	69	23.75	23.82	23.70	24.5	0.0
100	PI/2 BPSK	135	138	23.23	23.34	23.26	24.0	0.5
100	PI/2 BPSK	270	0	23.19	23.36	23.42		
100	QPSK	1	1	23.72	23.86	23.79	24.5	0.0
100	QPSK	1	137	23.71	23.83	23.80		
100	QPSK	1	271	23.71	23.71	23.70		
100	QPSK	135	0	22.74	22.89	22.71	23.5	1.0
100	QPSK	135	69	23.68	23.83	23.76	24.5	0.0
100	QPSK	135	138	22.74	22.82	22.87	23.5	1.0
100	QPSK	270	0	22.79	22.96	22.82		
100	16QAM	1	1	22.82	22.80	22.87	23.5	1.0
100	64QAM	1	1	21.32	21.41	21.21	22.0	2.5
100	256QAM	1	1	19.28	19.34	19.31	20.0	4.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	23.61	23.79	23.65	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	23.59	23.76	23.69	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.63	23.73	23.71	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.67	23.80	23.67	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.58	23.74	23.74	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	23.66	23.75	23.73	24.5	0.0
Channel				501204.00	518598.00	535998.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	23.67	23.81	23.75	24.5	0.0
Channel				500700.00	518598.00	536496.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.50	2592.99	2682.48		
15	QPSK	1	19	23.61	23.74	23.73	24.5	0.0
Channel				500202.00	518598.00	537000.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685.00		
10	QPSK	1	12	23.61	23.73	23.74	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	20.41	20.42	20.43	22.0	0.0
40	PI/2 BPSK	1	53	20.44	20.47	20.46		
40	PI/2 BPSK	1	104	20.35	20.48	20.39		
40	PI/2 BPSK	50	0	19.93	20.07	20.00	21.5	0.5
40	PI/2 BPSK	50	28	20.46	20.44	20.47	22.0	0.0
40	PI/2 BPSK	50	56	19.97	20.09	20.06	21.5	0.5
40	PI/2 BPSK	100	0	19.98	20.04	20.07		
40	QPSK	1	1	20.48	20.55	20.52	22.0	0.0
40	QPSK	1	53	20.40	20.44	20.48		
40	QPSK	1	104	20.45	20.51	20.47		
40	QPSK	50	0	19.97	20.07	19.97	21.0	1.0
40	QPSK	50	28	20.40	20.50	20.46	22.0	0.0
40	QPSK	50	56	19.98	20.06	20.05	21.0	1.0
40	QPSK	100	0	19.93	20.09	19.96		
40	16QAM	1	1	19.95	20.06	20.02	21.0	1.0
40	64QAM	1	1	17.98	18.10	18.05	19.5	2.5
40	256QAM	1	1	15.98	16.11	16.00	17.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.36	20.51	20.48	22.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	20.41	20.48	20.43	22.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.40	20.47	20.41	22.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	20.41	20.48	20.39	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.42	18.47	18.41	20.0	0.0
100	PI/2 BPSK	1	137	18.44	18.53	18.48		
100	PI/2 BPSK	1	271	18.47	18.51	18.44		
100	PI/2 BPSK	135	0	18.10	18.08	18.00	19.5	0.5
100	PI/2 BPSK	135	69	18.47	18.50	18.42	20.0	0.0
100	PI/2 BPSK	135	138	18.03	18.13	17.97	19.5	0.5
100	PI/2 BPSK	270	0	18.09	18.07	18.06		
100	QPSK	1	1	18.55	18.59	18.52	20.0	0.0
100	QPSK	1	137	18.44	18.50	18.47		
100	QPSK	1	271	18.42	18.47	18.40		
100	QPSK	135	0	17.54	17.54	17.51	19.0	1.0
100	QPSK	135	69	18.44	18.57	18.44	20.0	0.0
100	QPSK	135	138	17.52	17.59	17.54	19.0	1.0
100	QPSK	270	0	17.57	17.63	17.54		
100	16QAM	1	1	17.57	17.55	17.54	19.0	1.0
100	64QAM	1	1	16.02	16.10	16.03	17.5	2.5
100	256QAM	1	1	14.03	14.09	14.08	15.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	18.45	18.52	18.39	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	18.47	18.53	18.50	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	18.42	18.54	18.45	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	18.48	18.48	18.43	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	18.50	18.51	18.48	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	18.45	18.50	18.48	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	18.46	18.49	18.39	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	18.49	18.47	18.48	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.43	21.46	21.43	23.0	0.0
100	PI/2 BPSK	1	137	21.40	21.54	21.49		
100	PI/2 BPSK	1	271	21.50	21.54	21.45		
100	PI/2 BPSK	135	0	21.05	21.10	20.99	22.5	0.5
100	PI/2 BPSK	135	69	21.45	21.54	21.41	23.0	0.0
100	PI/2 BPSK	135	138	21.06	21.16	20.96	22.5	0.5
100	PI/2 BPSK	270	0	21.07	21.07	21.11		
100	QPSK	1	1	21.56	21.62	21.56	23.0	0.0
100	QPSK	1	137	21.39	21.48	21.47		
100	QPSK	1	271	21.47	21.41	21.45		
100	QPSK	135	0	20.48	20.55	20.46	22.0	1.0
100	QPSK	135	69	21.38	21.58	21.50	23.0	0.0
100	QPSK	135	138	20.58	20.59	20.49	22.0	1.0
100	QPSK	270	0	20.57	20.59	20.52		
100	16QAM	1	1	20.52	20.57	20.49	22.0	1.0
100	64QAM	1	1	19.06	19.08	19.01	20.5	2.5
100	256QAM	1	1	17.04	17.06	17.09	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	21.45	21.52	21.47	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	21.43	21.56	21.50	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	21.45	21.48	21.54	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	21.45	21.49	21.52	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	21.43	21.59	21.48	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	21.48	21.55	21.47	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	21.52	21.57	21.53	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	21.49	21.50	21.48	23.0	0.0

Part27Q n77 Ant 3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.82		20.0	0.0
100	PI/2 BPSK	1	137		18.82			
100	PI/2 BPSK	1	271		18.80			
100	PI/2 BPSK	135	0		18.42		19.5	0.5
100	PI/2 BPSK	135	69		18.76		20.0	0.0
100	PI/2 BPSK	135	138		18.44		19.5	0.5
100	PI/2 BPSK	270	0		18.31			
100	QPSK	1	1		18.89		20.0	0.0
100	QPSK	1	137		18.85			
100	QPSK	1	271		18.77			
100	QPSK	135	0		17.90		19.0	1.0
100	QPSK	135	69		18.87		20.0	0.0
100	QPSK	135	138		17.91		19.0	1.0
100	QPSK	270	0		17.97			
100	16QAM	1	1		17.90		19.0	1.0
100	64QAM	1	1		16.42		17.5	2.5
100	256QAM	1	1		14.40		15.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.78	18.82	18.68	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.71	18.80	18.74	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.72	18.79	18.69	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.76	18.81	18.74	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.77	18.80	18.73	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.74	18.79	18.69	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.70	18.82	18.68	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.70	18.83	18.71	20.0	0.0

Part27Q n77 HPUE Ant 3 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.85		23.0	0.0
100	PI/2 BPSK	1	137		21.86			
100	PI/2 BPSK	1	271		21.75			
100	PI/2 BPSK	135	0		21.39		22.5	0.5
100	PI/2 BPSK	135	69		21.82		23.0	0.0
100	PI/2 BPSK	135	138		21.47		22.5	0.5
100	PI/2 BPSK	270	0		21.32			
100	QPSK	1	1		21.94		23.0	0.0
100	QPSK	1	137		21.88			
100	QPSK	1	271		21.77			
100	QPSK	135	0		20.94		22.0	1.0
100	QPSK	135	69		21.81		23.0	0.0
100	QPSK	135	138		20.93		22.0	1.0
100	QPSK	270	0		21.01			
100	16QAM	1	1		20.92		22.0	1.0
100	64QAM	1	1		19.43		20.5	2.5
100	256QAM	1	1		17.43		18.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	21.75	21.79	21.63	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.78	21.85	21.66	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	21.80	21.78	21.67	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.78	21.86	21.73	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	21.75	21.84	21.68	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.82	21.80	21.63	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	21.72	21.79	21.63	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	21.76	21.82	21.68	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.57		20.0	0.0
100	PI/2 BPSK	1	137		18.55			
100	PI/2 BPSK	1	271		18.58			
100	PI/2 BPSK	135	0		18.09		19.5	0.5
100	PI/2 BPSK	135	69		18.59		20.0	0.0
100	PI/2 BPSK	135	138		18.22		19.5	0.5
100	PI/2 BPSK	270	0		18.17			
100	QPSK	1	1		18.65		20.0	0.0
100	QPSK	1	137		18.59			
100	QPSK	1	271		18.56			
100	QPSK	135	0		17.57		19.0	1.0
100	QPSK	135	69		18.60		20.0	0.0
100	QPSK	135	138		17.60		19.0	1.0
100	QPSK	270	0		17.66			
100	16QAM	1	1		17.58		19.0	1.0
100	64QAM	1	1		16.15		17.5	2.5
100	256QAM	1	1		14.14		15.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	18.53	18.59	18.43	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	18.47	18.55	18.43	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	18.50	18.59	18.48	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	18.46	18.52	18.50	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	18.46	18.57	18.39	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.48	18.63	18.47	20.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	18.55	18.54	18.42	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	18.48	18.63	18.42	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	18.50	18.58	18.49	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	18.50	18.55	18.46	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.62		23.0	0.0
100	PI/2 BPSK	1	137		21.53			
100	PI/2 BPSK	1	271		21.62			
100	PI/2 BPSK	135	0		21.06		22.5	0.5
100	PI/2 BPSK	135	69		21.57		23.0	0.0
100	PI/2 BPSK	135	138		21.27		22.5	0.5
100	PI/2 BPSK	270	0		21.20			
100	QPSK	1	1		21.64		23.0	0.0
100	QPSK	1	137		21.61			
100	QPSK	1	271		21.62			
100	QPSK	135	0		20.60		22.0	1.0
100	QPSK	135	69		21.61		23.0	0.0
100	QPSK	135	138		20.59		22.0	1.0
100	QPSK	270	0		20.70			
100	16QAM	1	1		20.52		22.0	1.0
100	64QAM	1	1		19.14		20.5	2.5
100	256QAM	1	1		17.20		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	21.55	21.55	21.43	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	21.55	21.53	21.39	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	21.52	21.62	21.44	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	21.56	21.60	21.49	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	21.50	21.57	21.38	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	21.53	21.57	21.40	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	21.47	21.54	21.42	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	21.47	21.59	21.44	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	21.56	21.54	21.45	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	21.47	21.63	21.45	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.90		20.0	0.0
100	PI/2 BPSK	1	137		18.96			
100	PI/2 BPSK	1	271		18.98			
100	PI/2 BPSK	135	0		18.60		19.5	0.5
100	PI/2 BPSK	135	69		18.89		20.0	0.0
100	PI/2 BPSK	135	138		18.55		19.5	0.5
100	PI/2 BPSK	270	0		18.37			
100	QPSK	1	1		19.06		20.0	0.0
100	QPSK	1	137		18.93			
100	QPSK	1	271		18.87			
100	QPSK	135	0		17.98		19.0	1.0
100	QPSK	135	69		19.04		20.0	0.0
100	QPSK	135	138		18.04		19.0	1.0
100	QPSK	270	0		18.10			
100	16QAM	1	1		18.07		19.0	1.0
100	64QAM	1	1		16.56		17.5	2.5
100	256QAM	1	1		14.57		15.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.88	18.95	18.84	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.85	18.93	18.85	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.86	18.94	18.82	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.88	18.88	18.77	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.95	18.95	18.85	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.87	18.94	18.83	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.95	18.89	18.85	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.94	19.00	18.76	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.89	18.89	18.79	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.85	18.95	18.82	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.91		23.0	0.0
100	PI/2 BPSK	1	137		21.97			
100	PI/2 BPSK	1	271		22.04			
100	PI/2 BPSK	135	0		21.65		22.5	0.5
100	PI/2 BPSK	135	69		21.88		23.0	0.0
100	PI/2 BPSK	135	138		21.50		22.5	0.5
100	PI/2 BPSK	270	0		21.40			
100	QPSK	1	1		22.07		23.0	0.0
100	QPSK	1	137		21.90			
100	QPSK	1	271		21.83			
100	QPSK	135	0		20.96		22.0	1.0
100	QPSK	135	69		22.05		23.0	0.0
100	QPSK	135	138		20.99		22.0	1.0
100	QPSK	270	0		21.16			
100	16QAM	1	1		21.04		22.0	1.0
100	64QAM	1	1		19.61		20.5	2.5
100	256QAM	1	1		17.62		18.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	21.94	21.99	21.88	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.89	21.95	21.90	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	21.91	21.93	21.80	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	21.86	21.98	21.82	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.88	21.99	21.88	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	21.92	21.98	21.87	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	21.86	21.93	21.86	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.86	21.95	21.82	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	21.86	21.93	21.85	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	21.86	21.90	21.89	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.51	21.51	21.49	23.0	0.0
40	PI/2 BPSK	1	53	21.45	21.48	21.42		
40	PI/2 BPSK	1	104	21.43	21.48	21.44		
40	PI/2 BPSK	50	0	21.51	21.53	21.50	23.0	0.0
40	PI/2 BPSK	50	28	21.48	21.49	21.44	23.0	0.0
40	PI/2 BPSK	50	56	21.45	21.55	21.54	23.0	0.0
40	PI/2 BPSK	100	0	21.45	21.52	21.50		
40	QPSK	1	1	21.52	21.56	21.54	23.0	0.0
40	QPSK	1	53	21.52	21.53	21.48		
40	QPSK	1	104	21.47	21.50	21.49		
40	QPSK	50	0	21.03	21.11	21.05	22.5	0.5
40	QPSK	50	28	21.45	21.50	21.46	23.0	0.0
40	QPSK	50	56	20.98	21.10	21.07	22.5	0.5
40	QPSK	100	0	20.98	21.09	21.05		
40	16QAM	1	1	21.05	21.06	20.97	22.5	0.5
40	64QAM	1	1	19.54	19.60	19.46	21.0	2.0
40	256QAM	1	1	17.50	17.57	17.54	19.0	4.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.46	21.55	21.46	23.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	21.42	21.52	21.42	23.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.42	21.52	21.43	23.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.47	21.54	21.41	23.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.41	21.53	21.48	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.08	22.19	22.07	24.0	0.0
100	PI/2 BPSK	1	137	22.05	22.19	22.12		
100	PI/2 BPSK	1	271	22.07	22.14	22.03		
100	PI/2 BPSK	135	0	22.07	22.16	22.05	24.0	0.0
100	PI/2 BPSK	135	69	22.02	22.18	22.04	24.0	0.0
100	PI/2 BPSK	135	138	22.10	22.18	22.07	24.0	0.0
100	PI/2 BPSK	270	0	22.06	22.15	22.06		
100	QPSK	1	1	22.08	22.21	22.11	24.0	0.0
100	QPSK	1	137	22.07	22.20	22.12		
100	QPSK	1	271	22.10	22.15	22.07		
100	QPSK	135	0	22.09	22.19	22.15	24.0	0.0
100	QPSK	135	69	22.08	22.20	22.15	24.0	0.0
100	QPSK	135	138	22.06	22.17	22.13	24.0	0.0
100	QPSK	270	0	22.11	22.18	22.15		
100	16QAM	1	1	22.13	22.17	22.15	24.0	0.0
100	64QAM	1	1	21.65	21.72	21.59	23.5	0.5
100	256QAM	1	1	19.63	19.63	19.58	21.5	2.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.04	22.19	22.05	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.07	22.20	22.10	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.05	22.16	22.01	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.07	22.20	21.99	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.06	22.17	22.03	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.04	22.17	22.00	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.98	22.14	22.09	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.99	22.19	22.04	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.06	22.15	22.07	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	24.45	24.46	24.46	26.0	0.0
40	PI/2 BPSK	1	53	24.45	24.49	24.44		
40	PI/2 BPSK	1	104	24.37	24.53	24.45		
40	PI/2 BPSK	50	0	23.99	24.03	24.01	25.5	0.5
40	PI/2 BPSK	50	28	24.40	24.52	24.46	26.0	0.0
40	PI/2 BPSK	50	56	24.03	24.02	24.05	25.5	0.5
40	PI/2 BPSK	100	0	24.05	24.06	24.02		
40	QPSK	1	1	24.50	24.57	24.52	26.0	0.0
40	QPSK	1	53	24.41	24.52	24.46		
40	QPSK	1	104	24.45	24.46	24.40		
40	QPSK	50	0	23.49	23.63	23.46	25.0	1.0
40	QPSK	50	28	24.44	24.51	24.44	26.0	0.0
40	QPSK	50	56	23.54	23.51	23.47	25.0	1.0
40	QPSK	100	0	23.51	23.57	23.47		
40	16QAM	1	1	23.55	23.52	23.56	25.0	1.0
40	64QAM	1	1	22.02	22.10	21.98	23.5	2.5
40	256QAM	1	1	19.98	20.03	20.08	21.5	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	24.39	24.54	24.44	26.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	24.43	24.49	24.43	26.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	24.42	24.45	24.41	26.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	24.44	24.48	24.46	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.91	23.01	22.96	24.5	0.0
100	PI/2 BPSK	1	137	23.00	23.02	22.97		
100	PI/2 BPSK	1	271	22.98	23.01	23.01		
100	PI/2 BPSK	135	0	22.59	22.67	22.61	24.0	0.5
100	PI/2 BPSK	135	69	23.01	23.03	22.96	24.5	0.0
100	PI/2 BPSK	135	138	22.50	22.65	22.56	24.0	0.5
100	PI/2 BPSK	270	0	22.58	22.66	22.55		
100	QPSK	1	1	23.05	23.11	23.08	24.5	0.0
100	QPSK	1	137	22.95	23.03	23.03		
100	QPSK	1	271	22.98	23.08	23.03		
100	QPSK	135	0	22.09	22.11	22.08	23.5	1.0
100	QPSK	135	69	22.96	23.05	22.98	24.5	0.0
100	QPSK	135	138	22.09	22.08	22.06	23.5	1.0
100	QPSK	270	0	22.03	22.09	22.06		
100	16QAM	1	1	22.08	22.07	22.08	23.5	1.0
100	64QAM	1	1	20.52	20.67	20.60	22.0	2.5
100	256QAM	1	1	18.54	18.59	18.53	20.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	23.00	23.05	23.04	24.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	22.98	22.98	22.95	24.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	22.95	22.98	23.01	24.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	23.02	23.09	23.00	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	23.01	23.04	22.94	24.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	22.95	23.03	23.00	24.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	22.96	22.99	22.96	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	22.98	23.09	22.96	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.45	24.55	24.46	26.0	0.0
100	PI/2 BPSK	1	137	24.48	24.51	24.54		
100	PI/2 BPSK	1	271	24.48	24.56	24.47		
100	PI/2 BPSK	135	0	24.46	24.49	24.58	26.0	0.0
100	PI/2 BPSK	135	69	24.52	24.51	24.43	26.0	0.0
100	PI/2 BPSK	135	138	24.42	24.56	24.42	26.0	0.0
100	PI/2 BPSK	270	0	24.53	24.52	24.42		
100	QPSK	1	1	24.60	24.67	24.62	26.0	0.0
100	QPSK	1	137	24.53	24.56	24.55		
100	QPSK	1	271	24.45	24.59	24.42		
100	QPSK	135	0	24.47	24.60	24.41	26.0	0.0
100	QPSK	135	69	24.52	24.65	24.53	26.0	0.0
100	QPSK	135	138	24.52	24.50	24.47	26.0	0.0
100	QPSK	270	0	24.47	24.61	24.53		
100	16QAM	1	1	24.55	24.52	24.47	26.0	0.0
100	64QAM	1	1	23.60	23.65	23.51	25.0	1.0
100	256QAM	1	1	21.58	21.68	21.50	23.0	3.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	24.50	24.60	24.50	26.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	24.44	24.59	24.53	26.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	24.49	24.57	24.51	26.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	24.48	24.62	24.47	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	24.48	24.57	24.50	26.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	24.46	24.57	24.48	26.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	24.45	24.56	24.56	26.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	24.49	24.57	24.46	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.99		24.5	0.0
100	PI/2 BPSK	1	137		22.95			
100	PI/2 BPSK	1	271		23.01			
100	PI/2 BPSK	135	0		22.66		24.0	0.5
100	PI/2 BPSK	135	69		23.03		24.5	0.0
100	PI/2 BPSK	135	138		22.60		24.0	0.5
100	PI/2 BPSK	270	0		22.66			
100	QPSK	1	1		23.07		24.5	0.0
100	QPSK	1	137		23.05			
100	QPSK	1	271		23.03			
100	QPSK	135	0		22.03		23.5	1.0
100	QPSK	135	69		23.05		24.5	0.0
100	QPSK	135	138		22.02		23.5	1.0
100	QPSK	270	0		22.09			
100	16QAM	1	1		21.99		23.5	1.0
100	64QAM	1	1		20.70		22.0	2.5
100	256QAM	1	1		18.61		20.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	22.91	23.06	22.97	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	22.99	23.02	23.02	24.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	22.97	23.03	23.02	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	22.93	23.00	23.03	24.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	22.92	22.99	23.01	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.96	23.04	23.00	24.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	23.03	23.03	23.00	24.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	22.98	23.00	23.03	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.42		26.0	0.0
100	PI/2 BPSK	1	137		24.44			
100	PI/2 BPSK	1	271		24.42			
100	PI/2 BPSK	135	0		24.48		26.0	0.0
100	PI/2 BPSK	135	69		24.38		26.0	0.0
100	PI/2 BPSK	135	138		24.41		26.0	0.0
100	PI/2 BPSK	270	0		24.52			
100	QPSK	1	1		24.63		26.0	0.0
100	QPSK	1	137		24.54			
100	QPSK	1	271		24.60			
100	QPSK	135	0		24.41		26.0	0.0
100	QPSK	135	69		24.48		26.0	0.0
100	QPSK	135	138		24.46		26.0	0.0
100	QPSK	270	0		24.42			
100	16QAM	1	1		24.44		26.0	0.0
100	64QAM	1	1		23.50		25.0	1.0
100	256QAM	1	1		21.69		23.0	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	24.39	24.55	24.52	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.33	24.51	24.47	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	24.33	24.53	24.52	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.32	24.47	24.47	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	24.30	24.50	24.52	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.35	24.47	24.53	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	24.40	24.52	24.52	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	24.37	24.53	24.54	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.90		24.5	0.0
100	PI/2 BPSK	1	137		22.91			
100	PI/2 BPSK	1	271		22.89			
100	PI/2 BPSK	135	0		22.59		24.0	0.5
100	PI/2 BPSK	135	69		22.89		24.5	0.0
100	PI/2 BPSK	135	138		22.50		24.0	0.5
100	PI/2 BPSK	270	0		22.63			
100	QPSK	1	1		23.00		24.5	0.0
100	QPSK	1	137		22.98			
100	QPSK	1	271		22.98			
100	QPSK	135	0		21.95		23.5	1.0
100	QPSK	135	69		22.93		24.5	0.0
100	QPSK	135	138		21.89		23.5	1.0
100	QPSK	270	0		22.02			
100	16QAM	1	1		21.90		23.5	1.0
100	64QAM	1	1		20.61		22.0	2.5
100	256QAM	1	1		18.51		20.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	22.81	22.98	22.83	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	22.88	22.96	22.91	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	22.83	22.93	22.84	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	22.77	22.96	22.85	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	22.79	22.98	22.91	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	22.82	22.96	22.92	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	22.84	22.96	22.83	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	22.86	22.98	22.90	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	22.78	22.98	22.88	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	22.78	22.94	22.83	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.31		26.0	0.0
100	PI/2 BPSK	1	137		24.48			
100	PI/2 BPSK	1	271		24.44			
100	PI/2 BPSK	135	0		24.33		26.0	0.0
100	PI/2 BPSK	135	69		24.39		26.0	0.0
100	PI/2 BPSK	135	138		24.32		26.0	0.0
100	PI/2 BPSK	270	0		24.49			
100	QPSK	1	1		24.60		26.0	0.0
100	QPSK	1	137		24.45			
100	QPSK	1	271		24.49			
100	QPSK	135	0		23.49		26.0	0.0
100	QPSK	135	69		24.56		26.0	0.0
100	QPSK	135	138		24.50		26.0	0.0
100	QPSK	270	0		24.51			
100	16QAM	1	1		24.35		26.0	0.0
100	64QAM	1	1		23.61		25.0	1.0
100	256QAM	1	1		21.67		23.0	3.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	24.47	24.43	24.37	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	24.43	24.48	24.46	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	24.47	24.47	24.39	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	24.38	24.49	24.46	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	24.44	24.43	24.41	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	24.46	24.41	24.41	26.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	24.40	24.52	24.45	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	24.37	24.44	24.48	26.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	24.48	24.51	24.44	26.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	24.46	24.44	24.47	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.89		24.5	0.0
100	PI/2 BPSK	1	137		22.91			
100	PI/2 BPSK	1	271		22.85			
100	PI/2 BPSK	135	0		22.52		24.0	0.5
100	PI/2 BPSK	135	69		22.91		24.5	0.0
100	PI/2 BPSK	135	138		22.50		24.0	0.5
100	PI/2 BPSK	270	0		22.60			
100	QPSK	1	1		23.02		24.5	0.0
100	QPSK	1	137		22.97			
100	QPSK	1	271		22.93			
100	QPSK	135	0		21.92		23.5	1.0
100	QPSK	135	69		22.96		24.5	0.0
100	QPSK	135	138		21.87		23.5	1.0
100	QPSK	270	0		21.99			
100	16QAM	1	1		21.87		23.5	1.0
100	64QAM	1	1		20.60		22.0	2.5
100	256QAM	1	1		18.46		20.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	22.75	23.01	22.78	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	22.78	22.95	22.83	24.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	22.79	23.01	22.81	24.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	22.75	22.96	22.82	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	22.80	22.96	22.76	24.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	22.77	22.93	22.77	24.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	22.76	22.94	22.79	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.80	22.95	22.80	24.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	22.81	23.01	22.75	24.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	22.76	22.93	22.85	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.36		26.0	0.0
100	PI/2 BPSK	1	137		24.32			
100	PI/2 BPSK	1	271		24.49			
100	PI/2 BPSK	135	0		24.38		26.0	0.0
100	PI/2 BPSK	135	69		24.29		26.0	0.0
100	PI/2 BPSK	135	138		24.32		26.0	0.0
100	PI/2 BPSK	270	0		24.33			
100	QPSK	1	1		24.51		26.0	0.0
100	QPSK	1	137		24.50			
100	QPSK	1	271		24.47			
100	QPSK	135	0		24.32		26.0	0.0
100	QPSK	135	69		24.34		26.0	0.0
100	QPSK	135	138		24.28		26.0	0.0
100	QPSK	270	0		24.54			
100	16QAM	1	1		24.28		26.0	0.0
100	64QAM	1	1		23.65		25.0	1.0
100	256QAM	1	1		21.64		23.0	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	24.38	24.45	24.43	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.32	24.46	24.37	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	24.40	24.39	24.37	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	24.41	24.44	24.38	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.36	24.48	24.42	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	24.40	24.41	24.43	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	24.31	24.46	24.43	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.43	24.43	24.36	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	24.35	24.42	24.32	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	24.32	24.38	24.41	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.32	15.38	15.31	17.0	0.0
40	PI/2 BPSK	1	53	15.27	15.36	15.27		
40	PI/2 BPSK	1	104	15.30	15.33	15.33		
40	PI/2 BPSK	50	0	15.33	15.36	15.34	17.0	0.0
40	PI/2 BPSK	50	28	15.30	15.33	15.27	17.0	0.0
40	PI/2 BPSK	50	56	15.27	15.34	15.37	17.0	0.0
40	PI/2 BPSK	100	0	15.27	15.32	15.33		
40	QPSK	1	1	15.35	15.40	15.38	17.0	0.0
40	QPSK	1	53	15.33	15.37	15.28		
40	QPSK	1	104	15.29	15.36	15.32		
40	QPSK	50	0	15.32	15.35	15.31	17.0	0.0
40	QPSK	50	28	15.33	15.39	15.34	17.0	0.0
40	QPSK	50	56	15.33	15.36	15.26	17.0	0.0
40	QPSK	100	0	15.32	15.38	15.33		
40	16QAM	1	1	15.35	15.37	15.29	17.0	0.0
40	64QAM	1	1	15.34	15.37	15.35	17.0	0.0
40	256QAM	1	1	13.86	13.86	13.82	15.5	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.28	15.35	15.28	17.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	15.30	15.36	15.29	17.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.34	15.36	15.27	17.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.23	15.38	15.36	17.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.24	15.35	15.35	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.46	15.51	15.31	17.0	0.0
100	PI/2 BPSK	1	137	15.43	15.47	15.36		
100	PI/2 BPSK	1	271	15.41	15.50	15.36		
100	PI/2 BPSK	135	0	15.45	15.43	15.29	17.0	0.0
100	PI/2 BPSK	135	69	15.41	15.45	15.37	17.0	0.0
100	PI/2 BPSK	135	138	15.46	15.42	15.30	17.0	0.0
100	PI/2 BPSK	270	0	15.46	15.51	15.30		
100	QPSK	1	1	15.48	15.53	15.39	17.0	0.0
100	QPSK	1	137	15.45	15.50	15.38		
100	QPSK	1	271	15.48	15.51	15.35		
100	QPSK	135	0	15.46	15.46	15.37	17.0	0.0
100	QPSK	135	69	15.48	15.51	15.38	17.0	0.0
100	QPSK	135	138	15.44	15.46	15.37	17.0	0.0
100	QPSK	270	0	15.47	15.50	15.35		
100	16QAM	1	1	15.40	15.46	15.35	17.0	0.0
100	64QAM	1	1	15.48	15.51	15.38	17.0	0.0
100	256QAM	1	1	13.91	13.92	13.92	15.5	1.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	15.43	15.52	15.39	17.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	15.43	15.50	15.37	17.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	15.42	15.51	15.37	17.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	15.45	15.52	15.32	17.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	15.40	15.51	15.27	17.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	15.38	15.47	15.31	17.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	15.43	15.48	15.35	17.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	15.43	15.50	15.32	17.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	15.38	15.51	15.32	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.86	20.93	20.87	22.5	0.0
40	PI/2 BPSK	1	53	20.88	20.94	20.91		
40	PI/2 BPSK	1	104	20.82	20.88	20.90		
40	PI/2 BPSK	50	0	20.80	20.91	20.89	22.5	0.0
40	PI/2 BPSK	50	28	20.85	20.89	20.89	22.5	0.0
40	PI/2 BPSK	50	56	20.82	20.94	20.85	22.5	0.0
40	PI/2 BPSK	100	0	20.91	20.93	20.91		
40	QPSK	1	1	20.92	20.95	20.88	22.5	0.0
40	QPSK	1	53	20.86	20.92	20.88		
40	QPSK	1	104	20.92	20.93	20.91		
40	QPSK	50	0	20.87	20.93	20.88	22.5	0.0
40	QPSK	50	28	20.91	20.94	20.90	22.5	0.0
40	QPSK	50	56	20.91	20.88	20.85	22.5	0.0
40	QPSK	100	0	20.84	20.90	20.88		
40	16QAM	1	1	20.80	20.92	20.89	22.5	0.0
40	64QAM	1	1	20.33	20.41	20.44	22.0	0.5
40	256QAM	1	1	18.41	18.46	18.45	20.0	2.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.82	20.91	20.78	22.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	20.83	20.93	20.79	22.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.90	20.89	20.85	22.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	20.80	20.92	20.78	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.06	17.10	17.02	18.5	0.0
100	PI/2 BPSK	1	137	17.00	17.13	17.09		
100	PI/2 BPSK	1	271	17.05	17.16	17.05		
100	PI/2 BPSK	135	0	17.01	17.16	17.05	18.5	0.0
100	PI/2 BPSK	135	69	16.99	17.13	17.03	18.5	0.0
100	PI/2 BPSK	135	138	17.07	17.14	17.02	18.5	0.0
100	PI/2 BPSK	270	0	17.00	17.07	17.10		
100	QPSK	1	1	17.08	17.18	17.10	18.5	0.0
100	QPSK	1	137	16.98	17.14	17.05		
100	QPSK	1	271	16.99	17.07	17.11		
100	QPSK	135	0	17.06	17.10	17.01	18.5	0.0
100	QPSK	135	69	17.08	17.12	17.06	18.5	0.0
100	QPSK	135	138	17.06	17.09	17.04	18.5	0.0
100	QPSK	270	0	17.05	17.15	17.07		
100	16QAM	1	1	16.99	17.08	17.07	18.5	0.0
100	64QAM	1	1	17.03	17.07	17.02	18.5	0.0
100	256QAM	1	1	17.03	17.16	17.09	18.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	17.01	17.11	17.01	18.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	17.06	17.18	17.00	18.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	17.02	17.13	17.10	18.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	17.06	17.10	17.06	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	17.05	17.16	17.03	18.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	16.99	17.14	17.09	18.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	17.02	17.09	17.04	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	16.97	17.17	17.09	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.32		18.5	0.0
100	PI/2 BPSK	1	137		17.31			
100	PI/2 BPSK	1	271		17.33			
100	PI/2 BPSK	135	0		17.29		18.5	0.0
100	PI/2 BPSK	135	69		17.30		18.5	0.0
100	PI/2 BPSK	135	138		17.32		18.5	0.0
100	PI/2 BPSK	270	0		17.34			
100	QPSK	1	1		17.36		18.5	0.0
100	QPSK	1	137		17.33			
100	QPSK	1	271		17.34			
100	QPSK	135	0		17.26		17.5	1.0
100	QPSK	135	69		17.30		18.5	0.0
100	QPSK	135	138		17.26		17.5	1.0
100	QPSK	270	0		17.32			
100	16QAM	1	1		17.34		18.5	0.0
100	64QAM	1	1		17.35		18.5	0.0
100	256QAM	1	1		17.32		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	17.08	17.26	16.97	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	17.02	17.28	16.95	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	17.05	17.22	16.96	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	17.06	17.24	17.00	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	17.06	17.23	17.00	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	17.09	17.23	17.03	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	17.07	17.29	16.96	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	17.10	17.25	16.98	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.01		19.5	0.0
100	PI/2 BPSK	1	137		18.00			
100	PI/2 BPSK	1	271		18.02			
100	PI/2 BPSK	135	0		17.91		19.5	0.0
100	PI/2 BPSK	135	69		17.97		19.5	0.0
100	PI/2 BPSK	135	138		18.01		19.5	0.0
100	PI/2 BPSK	270	0		17.91			
100	QPSK	1	1		18.03		19.5	0.0
100	QPSK	1	137		17.93			
100	QPSK	1	271		17.93			
100	QPSK	135	0		17.92		19.5	0.0
100	QPSK	135	69		17.98		19.5	0.0
100	QPSK	135	138		17.97		19.5	0.0
100	QPSK	270	0		18.00			
100	16QAM	1	1		17.99		19.5	0.0
100	64QAM	1	1		17.92		19.5	0.0
100	256QAM	1	1		17.97		19.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	17.85	17.89	17.83	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	17.79	17.85	17.75	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.80	17.88	17.76	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	17.75	17.93	17.84	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	17.77	17.84	17.78	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.82	17.84	17.80	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	17.81	17.87	17.81	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	17.82	17.91	17.75	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	17.83	17.89	17.79	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	17.83	17.92	17.83	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.38		19.5	0.0
100	PI/2 BPSK	1	137		18.39			
100	PI/2 BPSK	1	271		18.41			
100	PI/2 BPSK	135	0		18.40		19.5	0.0
100	PI/2 BPSK	135	69		18.38		19.5	0.0
100	PI/2 BPSK	135	138		18.35		19.5	0.0
100	PI/2 BPSK	270	0		18.34			
100	QPSK	1	1		18.42		19.5	0.0
100	QPSK	1	137		18.41			
100	QPSK	1	271		18.37			
100	QPSK	135	0		18.34		19.5	0.0
100	QPSK	135	69		18.40		19.5	0.0
100	QPSK	135	138		18.37		19.5	0.0
100	QPSK	270	0		18.39			
100	16QAM	1	1		18.38		19.5	0.0
100	64QAM	1	1		18.36		19.5	0.0
100	256QAM	1	1		18.37		19.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.06	18.18	17.96	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.04	18.17	18.01	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.14	18.10	18.07	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.11	18.21	18.01	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.13	18.20	18.04	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.07	18.13	18.02	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.11	18.17	17.96	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.13	18.10	17.96	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.07	18.17	17.95	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.15	18.16	17.96	19.5	0.0

Reduced Power Mode for Main PA DSI3

n2 Ant 1 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.89	19.05	18.97	20.5	0.0
20	PI/2 BPSK	1	53	18.96	19.05	18.98		
20	PI/2 BPSK	1	104	18.96	19.01	18.97		
20	PI/2 BPSK	50	0	18.94	19.07	19.01	20.5	0.0
20	PI/2 BPSK	50	28	18.92	19.01	18.94	20.5	0.0
20	PI/2 BPSK	50	56	18.97	19.06	18.93	20.5	0.0
20	PI/2 BPSK	100	0	18.98	19.02	18.91		
20	QPSK	1	1	18.98	19.09	18.98	20.5	0.0
20	QPSK	1	53	18.87	19.06	18.94		
20	QPSK	1	104	18.88	19.02	18.97		
20	QPSK	50	0	18.91	19.06	18.97	20.5	0.0
20	QPSK	50	28	18.90	19.06	18.95	20.5	0.0
20	QPSK	50	56	18.97	19.04	18.95	20.5	0.0
20	QPSK	100	0	18.94	19.01	18.90		
20	16QAM	1	1	18.93	19.07	18.90	20.5	0.0
20	64QAM	1	1	18.97	19.02	19.01	20.5	0.0
20	256QAM	1	1	18.90	19.03	18.97	20.0	0.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.91	19.07	18.86	20.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.86	19.01	18.94	20.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.91	18.97	18.92	20.5	0.0

n5 Ant 1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.19	23.27	23.16	24.7	0.0
20	PI/2 BPSK	1	53	23.34	23.50	23.36		
20	PI/2 BPSK	1	104	23.34	23.44	23.28		
20	PI/2 BPSK	50	0	23.48	23.55	23.48	24.7	0.0
20	PI/2 BPSK	50	28	23.36	23.42	23.29	24.7	0.0
20	PI/2 BPSK	50	56	23.50	23.53	23.46	24.7	0.0
20	PI/2 BPSK	100	0	23.53	23.56	23.48		
20	QPSK	1	1	23.52	23.59	23.50	24.7	0.0
20	QPSK	1	53	23.38	23.38	23.35		
20	QPSK	1	104	23.36	23.33	23.33		
20	QPSK	50	0	23.48	23.55	23.54	24.7	0.0
20	QPSK	50	28	23.44	23.52	23.34	24.7	0.0
20	QPSK	50	56	23.06	23.11	23.09	24.7	0.0
20	QPSK	100	0	23.55	23.58	23.52		
20	16QAM	1	1	23.10	23.22	23.18	24.7	0.0
20	64QAM	1	1	21.70	21.81	21.77	23.2	1.5
20	256QAM	1	1	20.31	20.42	20.36	21.2	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.51	23.54	23.40	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.47	23.53	23.45	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.44	23.53	23.42	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.02	18.98	18.98	20.5	0.0
50	PI/2 BPSK	1	135	18.96	19.01	19.00		
50	PI/2 BPSK	1	268	19.00	19.03	18.92		
50	PI/2 BPSK	135	0	19.04	19.04	19.00	20.5	0.0
50	PI/2 BPSK	135	68	19.01	18.98	18.98	20.5	0.0
50	PI/2 BPSK	135	135	18.98	19.05	18.98	20.5	0.0
50	PI/2 BPSK	270	0	18.99	19.02	18.99		
50	QPSK	1	1	18.94	19.02	18.91	20.5	0.0
50	QPSK	1	135	18.98	19.04	18.90		
50	QPSK	1	268	19.05	19.06	18.89		
50	QPSK	135	0	19.01	19.00	18.92	20.5	0.0
50	QPSK	135	68	19.01	18.99	18.95	20.5	0.0
50	QPSK	135	135	19.02	19.03	18.97	20.5	0.0
50	QPSK	270	0	18.95	19.00	18.90		
50	16QAM	1	1	18.95	18.98	18.98	20.5	0.0
50	64QAM	1	1	18.97	18.99	18.98	20.5	0.0
50	256QAM	1	1	19.04	19.03	19.00	20.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.04	19.05	18.79	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.04	19.04	18.87	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.94	19.03	18.87	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.93	18.96	18.78	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.98	18.94	18.80	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.04	18.95	18.88	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.96	19.01	18.87	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.11	19.12	19.09	21.0	0.0
40	PI/2 BPSK	1	108	19.19	19.11	19.04		
40	PI/2 BPSK	1	214	19.10	19.19	19.03		
40	PI/2 BPSK	108	0	19.11	19.18	19.04	21.0	0.0
40	PI/2 BPSK	108	54	19.16	19.20	19.08	21.0	0.0
40	PI/2 BPSK	108	108	19.11	19.12	19.11	21.0	0.0
40	PI/2 BPSK	216	0	19.13	19.11	19.10		
40	QPSK	1	1	19.30	19.34	19.29	21.0	0.0
40	QPSK	1	108	19.21	19.22	19.23		
40	QPSK	1	214	19.25	19.29	19.23		
40	QPSK	108	0	19.28	19.23	19.20	21.0	0.0
40	QPSK	108	54	19.21	19.27	19.15	21.0	0.0
40	QPSK	108	108	19.16	19.26	19.26	21.0	0.0
40	QPSK	216	0	19.21	19.23	19.15		
40	16QAM	1	1	19.11	19.10	19.11	21.0	0.0
40	64QAM	1	1	19.17	19.13	19.13	21.0	0.0
40	256QAM	1	1	19.16	19.18	19.07	21.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.17	19.23	19.20	21.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.25	19.24	19.23	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.28	19.28	19.15	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.19	19.24	19.21	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.24	19.21	19.18	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.23	19.22	19.26	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.62	23.70	23.63	24.5	0.0
50	PI/2 BPSK	1	135	23.62	23.68	23.54		
50	PI/2 BPSK	1	268	23.62	23.71	23.51		
50	PI/2 BPSK	135	0	23.28	23.35	23.24	24.0	0.5
50	PI/2 BPSK	135	68	23.57	23.79	23.58	24.5	0.0
50	PI/2 BPSK	135	135	23.27	23.33	23.25	24.0	0.5
50	PI/2 BPSK	270	0	23.27	23.41	23.32		
50	QPSK	1	1	23.78	23.77	23.66	24.5	0.0
50	QPSK	1	135	23.67	23.75	23.67		
50	QPSK	1	268	23.81	23.86	23.79		
50	QPSK	135	0	22.77	22.82	22.81	23.5	1.0
50	QPSK	135	68	23.67	23.81	23.65	24.5	0.0
50	QPSK	135	135	22.78	22.84	22.75	23.5	1.0
50	QPSK	270	0	22.81	22.85	22.79		
50	16QAM	1	1	22.82	22.82	22.77	23.5	1.0
50	64QAM	1	1	21.32	21.37	21.34	22.0	2.5
50	256QAM	1	1	19.33	19.37	19.28	20.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.64	23.75	23.55	24.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.57	23.74	23.60	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.55	23.75	23.54	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.53	23.76	23.57	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.59	23.69	23.52	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.58	23.72	23.59	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.56	23.77	23.52	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.92	21.95	21.97	23.5	0.0
20	PI/2 BPSK	1	53	21.93	22.03	21.88		
20	PI/2 BPSK	1	104	21.90	21.96	21.94		
20	PI/2 BPSK	50	0	21.47	21.57	21.53	23.0	0.5
20	PI/2 BPSK	50	28	21.94	21.93	21.94	23.5	0.0
20	PI/2 BPSK	50	56	21.54	21.56	21.47	23.0	0.5
20	PI/2 BPSK	100	0	21.48	21.51	21.51		
20	QPSK	1	1	22.00	22.06	22.01	23.5	0.0
20	QPSK	1	53	21.87	22.03	21.88		
20	QPSK	1	104	21.87	21.94	21.98		
20	QPSK	50	0	21.05	21.11	21.04	22.5	1.0
20	QPSK	50	28	21.95	21.99	21.97	23.5	0.0
20	QPSK	50	56	21.00	21.05	21.04	22.5	1.0
20	QPSK	100	0	21.02	21.05	20.99		
20	16QAM	1	1	20.94	21.09	21.02	22.5	1.0
20	64QAM	1	1	19.56	19.53	19.48	21.0	2.5
20	256QAM	1	1	17.55	17.57	17.47	19.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.95	22.00	21.91	23.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.96	21.95	21.94	23.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.97	21.96	21.98	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.42	24.50	24.46	25.7	0.0
20	PI/2 BPSK	1	53	24.41	24.49	24.38		
20	PI/2 BPSK	1	104	24.43	24.53	24.47		
20	PI/2 BPSK	50	0	24.01	24.07	23.95	25.2	0.5
20	PI/2 BPSK	50	28	24.47	24.53	24.43	25.7	0.0
20	PI/2 BPSK	50	56	24.01	24.09	23.96	25.2	0.5
20	PI/2 BPSK	100	0	24.05	24.05	24.06		
20	QPSK	1	1	24.52	24.59	24.50	25.7	0.0
20	QPSK	1	53	24.39	24.48	24.39		
20	QPSK	1	104	24.46	24.46	24.42		
20	QPSK	50	0	23.46	23.62	23.47	24.7	1.0
20	QPSK	50	28	24.39	24.56	24.47	25.7	0.0
20	QPSK	50	56	23.50	23.61	23.47	24.7	1.0
20	QPSK	100	0	23.53	23.57	23.51		
20	16QAM	1	1	23.47	23.60	23.46	24.7	1.0
20	64QAM	1	1	22.08	22.14	21.99	23.2	2.5
20	256QAM	1	1	19.96	20.13	20.02	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.47	24.55	24.48	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.44	24.48	24.42	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.47	24.46	24.45	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.35	23.41	23.38	25.0	0.0
50	PI/2 BPSK	1	135	23.36	23.39	23.33		
50	PI/2 BPSK	1	268	23.38	23.40	23.35		
50	PI/2 BPSK	135	0	23.01	23.04	23.00	24.5	0.5
50	PI/2 BPSK	135	68	23.38	23.40	23.31	25.0	0.0
50	PI/2 BPSK	135	135	23.02	22.99	22.97	24.5	0.5
50	PI/2 BPSK	270	0	22.96	22.98	22.97		
50	QPSK	1	1	23.44	23.43	23.42	25.0	0.0
50	QPSK	1	135	23.36	23.43	23.37		
50	QPSK	1	268	23.48	23.52	23.45		
50	QPSK	135	0	22.49	22.53	22.50	24.0	1.0
50	QPSK	135	68	23.39	23.44	23.39	25.0	0.0
50	QPSK	135	135	22.47	22.49	22.43	24.0	1.0
50	QPSK	270	0	22.46	22.48	22.43		
50	16QAM	1	1	22.50	22.57	22.44	24.0	1.0
50	64QAM	1	1	20.99	21.01	20.96	22.5	2.5
50	256QAM	1	1	18.93	19.05	18.90	20.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.37	23.41	23.34	25.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.38	23.45	23.34	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.41	23.45	23.33	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.40	23.45	23.37	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.38	23.41	23.40	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.34	23.47	23.38	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.40	23.39	23.38	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.38	19.39	19.29	21.0	0.0
40	PI/2 BPSK	1	53	19.38	19.34	19.30		
40	PI/2 BPSK	1	104	19.31	19.38	19.31		
40	PI/2 BPSK	50	0	19.36	19.34	19.23	21.0	0.0
40	PI/2 BPSK	50	28	19.39	19.38	19.28	21.0	0.0
40	PI/2 BPSK	50	56	19.28	19.28	19.24	21.0	0.0
40	PI/2 BPSK	100	0	19.29	19.38	19.28		
40	QPSK	1	1	19.44	19.49	19.40	21.0	0.0
40	QPSK	1	53	19.31	19.46	19.36		
40	QPSK	1	104	19.41	19.41	19.29		
40	QPSK	50	0	19.36	19.29	19.23	21.0	0.0
40	QPSK	50	28	19.37	19.45	19.37	21.0	0.0
40	QPSK	50	56	19.34	19.30	19.30	21.0	0.0
40	QPSK	100	0	19.41	19.42	19.35		
40	16QAM	1	1	19.28	19.28	19.31	21.0	0.0
40	64QAM	1	1	19.29	19.32	19.31	21.0	0.0
40	256QAM	1	1	18.95	18.92	18.88	20.5	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.37	19.45	19.32	21.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.30	19.41	19.32	21.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.34	19.44	19.30	21.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.41	19.47	19.35	21.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.41	19.39	19.27	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.43	19.49	19.32	21.0	0.0
100	PI/2 BPSK	1	137	19.47	19.44	19.37		
100	PI/2 BPSK	1	271	19.36	19.46	19.33		
100	PI/2 BPSK	135	0	19.38	19.43	19.26	21.0	0.0
100	PI/2 BPSK	135	69	19.44	19.38	19.35	21.0	0.0
100	PI/2 BPSK	135	138	19.38	19.34	19.33	21.0	0.0
100	PI/2 BPSK	270	0	19.31	19.46	19.28		
100	QPSK	1	1	19.50	19.55	19.48	21.0	0.0
100	QPSK	1	137	19.31	19.50	19.42		
100	QPSK	1	271	19.47	19.47	19.33		
100	QPSK	135	0	19.38	19.30	19.32	21.0	0.0
100	QPSK	135	69	19.47	19.54	19.47	21.0	0.0
100	QPSK	135	138	19.41	19.36	19.37	21.0	0.0
100	QPSK	270	0	19.51	19.52	19.37		
100	16QAM	1	1	19.33	19.38	19.33	21.0	0.0
100	64QAM	1	1	19.33	19.41	19.37	21.0	0.0
100	256QAM	1	1	18.95	18.97	18.90	20.5	0.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.37	19.49	19.39	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.43	19.42	19.37	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.38	19.48	19.45	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.38	19.46	19.43	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.40	19.42	19.34	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.41	19.44	19.37	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.47	19.43	19.42	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.46	19.53	19.40	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.48	19.51	19.40	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	18.15	18.16	18.13	19.5	0.0
40	PI/2 BPSK	1	53	18.14	18.22	18.13		
40	PI/2 BPSK	1	104	18.13	18.21	18.18		
40	PI/2 BPSK	50	0	18.16	18.20	18.17	19.5	0.0
40	PI/2 BPSK	50	28	18.15	18.18	18.14	19.5	0.0
40	PI/2 BPSK	50	56	18.12	18.22	18.19	19.5	0.0
40	PI/2 BPSK	100	0	18.18	18.18	18.15		
40	QPSK	1	1	18.19	18.28	18.22	19.5	0.0
40	QPSK	1	53	18.17	18.19	18.11		
40	QPSK	1	104	18.19	18.21	18.15		
40	QPSK	50	0	18.22	18.23	18.20	18.5	1.0
40	QPSK	50	28	18.16	18.24	18.19	19.5	0.0
40	QPSK	50	56	18.20	18.22	18.20	18.5	1.0
40	QPSK	100	0	18.20	18.27	18.15		
40	16QAM	1	1	18.22	18.16	18.14	19.5	0.0
40	64QAM	1	1	16.73	16.73	16.69	18.0	1.5
40	256QAM	1	1	14.63	14.73	14.68	16.0	3.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.19	18.20	18.13	19.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	18.12	18.17	18.20	19.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.16	18.19	18.11	19.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	18.17	18.16	18.12	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.44	17.55	17.49	19.0	0.0
100	PI/2 BPSK	1	137	17.43	17.49	17.42		
100	PI/2 BPSK	1	271	17.46	17.50	17.42		
100	PI/2 BPSK	135	0	17.43	17.53	17.49	19.0	0.0
100	PI/2 BPSK	135	69	17.48	17.55	17.52	19.0	0.0
100	PI/2 BPSK	135	138	17.42	17.53	17.43	19.0	0.0
100	PI/2 BPSK	270	0	17.39	17.52	17.43		
100	QPSK	1	1	17.48	17.56	17.46	19.0	0.0
100	QPSK	1	137	17.42	17.52	17.48		
100	QPSK	1	271	17.45	17.51	17.45		
100	QPSK	135	0	17.45	17.52	17.44	18.0	1.0
100	QPSK	135	69	17.46	17.55	17.45	19.0	0.0
100	QPSK	135	138	17.45	17.53	17.48	18.0	1.0
100	QPSK	270	0	17.41	17.53	17.44		
100	16QAM	1	1	17.49	17.52	17.47	19.0	0.0
100	64QAM	1	1	17.44	17.49	17.47	19.0	0.0
100	256QAM	1	1	16.51	16.45	16.37	18.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	17.42	17.54	17.38	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	17.40	17.52	17.37	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	17.38	17.50	17.44	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	17.37	17.52	17.43	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	17.44	17.54	17.35	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	17.43	17.55	17.44	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	17.37	17.54	17.42	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	17.47	17.53	17.36	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.69		19.0	0.0
100	PI/2 BPSK	1	137		17.71			
100	PI/2 BPSK	1	271		17.65			
100	PI/2 BPSK	135	0		17.67		19.0	0.0
100	PI/2 BPSK	135	69		17.67		19.0	0.0
100	PI/2 BPSK	135	138		17.68		19.0	0.0
100	PI/2 BPSK	270	0		17.65			
100	QPSK	1	1		17.74		19.0	0.0
100	QPSK	1	137		17.71			
100	QPSK	1	271		17.63			
100	QPSK	135	0		17.65		18.0	1.0
100	QPSK	135	69		17.73		19.0	0.0
100	QPSK	135	138		17.63		18.0	1.0
100	QPSK	270	0		17.72			
100	16QAM	1	1		17.71		19.0	0.0
100	64QAM	1	1		17.72		19.0	0.0
100	256QAM	1	1		16.73		18.0	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	17.51	17.54	17.39	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	17.56	17.58	17.41	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	17.49	17.53	17.43	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	17.52	17.55	17.42	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	17.54	17.54	17.46	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	17.54	17.51	17.44	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	17.53	17.57	17.37	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	17.56	17.52	17.47	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.09		19.5	0.0
100	PI/2 BPSK	1	137		18.08			
100	PI/2 BPSK	1	271		18.04			
100	PI/2 BPSK	135	0		17.83		19.0	0.5
100	PI/2 BPSK	135	69		17.93		19.5	0.0
100	PI/2 BPSK	135	138		17.61		19.0	0.5
100	PI/2 BPSK	270	0		17.65			
100	QPSK	1	1		18.12		19.5	0.0
100	QPSK	1	137		18.03			
100	QPSK	1	271		18.05			
100	QPSK	135	0		17.16		18.5	1.0
100	QPSK	135	69		18.00		19.5	0.0
100	QPSK	135	138		17.09		18.5	1.0
100	QPSK	270	0		17.09			
100	16QAM	1	1		17.13		18.5	1.0
100	64QAM	1	1		15.58		17.0	2.5
100	256QAM	1	1		13.60		15.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	18.03	18.05	18.04	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	17.96	18.06	18.04	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.99	17.99	17.99	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	18.02	18.05	18.02	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	18.05	18.08	18.03	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.04	18.04	18.02	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	18.01	17.97	18.04	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	17.98	17.97	18.03	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	18.00	18.02	17.99	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	18.02	18.01	18.05	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.68		20.0	0.0
100	PI/2 BPSK	1	137		18.62			
100	PI/2 BPSK	1	271		18.68			
100	PI/2 BPSK	135	0		18.66		20.0	0.0
100	PI/2 BPSK	135	69		18.64		20.0	0.0
100	PI/2 BPSK	135	138		18.66		20.0	0.0
100	PI/2 BPSK	270	0		18.67			
100	QPSK	1	1		18.69		20.0	0.0
100	QPSK	1	137		18.60			
100	QPSK	1	271		18.62			
100	QPSK	135	0		18.63		19.0	1.0
100	QPSK	135	69		18.68		20.0	0.0
100	QPSK	135	138		18.65		19.0	1.0
100	QPSK	270	0		18.65			
100	16QAM	1	1		18.68		20.0	0.0
100	64QAM	1	1		18.63		20.0	0.0
100	256QAM	1	1		16.62		18.0	2.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	18.47	18.46	18.35	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	18.39	18.47	18.36	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	18.44	18.55	18.38	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	18.41	18.56	18.30	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	18.43	18.50	18.36	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.45	18.47	18.40	20.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	18.40	18.54	18.40	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	18.45	18.46	18.41	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	18.47	18.47	18.38	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	18.39	18.55	18.37	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.14		19.5	0.0
100	PI/2 BPSK	1	137		18.14			
100	PI/2 BPSK	1	271		18.18			
100	PI/2 BPSK	135	0		17.74		19.0	0.5
100	PI/2 BPSK	135	69		18.13		19.5	0.0
100	PI/2 BPSK	135	138		17.69		19.0	0.5
100	PI/2 BPSK	270	0		17.69			
100	QPSK	1	1		18.28		19.5	0.0
100	QPSK	1	137		18.22			
100	QPSK	1	271		18.18			
100	QPSK	135	0		17.21		18.5	1.0
100	QPSK	135	69		18.22		19.5	0.0
100	QPSK	135	138		17.27		18.5	1.0
100	QPSK	270	0		17.27			
100	16QAM	1	1		17.22		18.5	1.0
100	64QAM	1	1		15.72		17.0	2.5
100	256QAM	1	1		13.73		15.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.13	18.12	18.16	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.19	18.13	18.13	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.18	18.15	18.12	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.19	18.14	18.07	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.14	18.14	18.19	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.10	18.22	18.12	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.12	18.19	18.09	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.13	18.16	18.14	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.14	18.18	18.10	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.14	18.16	18.07	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.82		20.0	0.0
100	PI/2 BPSK	1	137		18.83			
100	PI/2 BPSK	1	271		18.80			
100	PI/2 BPSK	135	0		18.82		20.0	0.0
100	PI/2 BPSK	135	69		18.80		20.0	0.0
100	PI/2 BPSK	135	138		18.83		20.0	0.0
100	PI/2 BPSK	270	0		18.77			
100	QPSK	1	1		18.85		20.0	0.0
100	QPSK	1	137		18.80			
100	QPSK	1	271		18.82			
100	QPSK	135	0		18.82		19.0	1.0
100	QPSK	135	69		18.84		20.0	0.0
100	QPSK	135	138		18.83		19.0	1.0
100	QPSK	270	0		18.81			
100	16QAM	1	1		18.76		20.0	0.0
100	64QAM	1	1		18.74		20.0	0.0
100	256QAM	1	1		16.77		18.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.44	18.61	18.60	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.53	18.59	18.60	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.50	18.64	18.56	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.46	18.56	18.53	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.49	18.57	18.63	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.46	18.63	18.62	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.45	18.55	18.63	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.46	18.61	18.59	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.47	18.60	18.54	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.54	18.63	18.57	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.65	23.71	23.71	24.5	0.0
40	PI/2 BPSK	1	53	23.65	23.75	23.72		
40	PI/2 BPSK	1	104	23.64	23.68	23.62		
40	PI/2 BPSK	50	0	23.16	23.28	23.28	24.0	0.5
40	PI/2 BPSK	50	28	23.67	23.72	23.69	24.5	0.0
40	PI/2 BPSK	50	56	23.20	23.27	23.20	24.0	0.5
40	PI/2 BPSK	100	0	23.18	23.32	23.31		
40	QPSK	1	1	23.71	23.79	23.76	24.5	0.0
40	QPSK	1	53	23.67	23.75	23.73		
40	QPSK	1	104	23.66	23.66	23.66		
40	QPSK	50	0	22.69	22.84	22.71	23.5	1.0
40	QPSK	50	28	23.62	23.72	23.69	24.5	0.0
40	QPSK	50	56	22.70	22.74	22.80	23.5	1.0
40	QPSK	100	0	22.73	22.85	22.75		
40	16QAM	1	1	22.74	22.76	22.76	23.5	1.0
40	64QAM	1	1	21.26	21.33	21.20	22.0	2.5
40	256QAM	1	1	19.22	19.30	19.27	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.65	23.67	23.65	24.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.64	23.67	23.64	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.66	23.67	23.71	24.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.58	23.74	23.73	24.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.65	23.74	23.65	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.73	23.82	23.79	24.5	0.0
100	PI/2 BPSK	1	137	23.76	23.80	23.82		
100	PI/2 BPSK	1	271	23.75	23.80	23.67		
100	PI/2 BPSK	135	0	23.24	23.39	23.31	24.0	0.5
100	PI/2 BPSK	135	69	23.75	23.82	23.70	24.5	0.0
100	PI/2 BPSK	135	138	23.23	23.34	23.26	24.0	0.5
100	PI/2 BPSK	270	0	23.19	23.36	23.42		
100	QPSK	1	1	23.72	23.86	23.79	24.5	0.0
100	QPSK	1	137	23.71	23.83	23.80		
100	QPSK	1	271	23.71	23.71	23.70		
100	QPSK	135	0	22.74	22.89	22.71	23.5	1.0
100	QPSK	135	69	23.68	23.83	23.76	24.5	0.0
100	QPSK	135	138	22.74	22.82	22.87	23.5	1.0
100	QPSK	270	0	22.79	22.96	22.82		
100	16QAM	1	1	22.82	22.80	22.87	23.5	1.0
100	64QAM	1	1	21.32	21.41	21.21	22.0	2.5
100	256QAM	1	1	19.28	19.34	19.31	20.0	4.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	23.61	23.79	23.65	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	23.59	23.76	23.69	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.63	23.73	23.71	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.67	23.80	23.67	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.58	23.74	23.74	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	23.66	23.75	23.73	24.5	0.0
Channel				501204.00	518598.00	535998.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	23.67	23.81	23.75	24.5	0.0
Channel				500700.00	518598.00	536496.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.50	2592.99	2682.48		
15	QPSK	1	19	23.61	23.74	23.73	24.5	0.0
Channel				500202.00	518598.00	537000.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685.00		
10	QPSK	1	12	23.61	23.73	23.74	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	20.41	20.42	20.43	22.0	0.0
40	PI/2 BPSK	1	53	20.44	20.47	20.46		
40	PI/2 BPSK	1	104	20.35	20.48	20.39		
40	PI/2 BPSK	50	0	19.93	20.07	20.00	21.5	0.5
40	PI/2 BPSK	50	28	20.46	20.44	20.47	22.0	0.0
40	PI/2 BPSK	50	56	19.97	20.09	20.06	21.5	0.5
40	PI/2 BPSK	100	0	19.98	20.04	20.07		
40	QPSK	1	1	20.48	20.55	20.52	22.0	0.0
40	QPSK	1	53	20.40	20.44	20.48		
40	QPSK	1	104	20.45	20.51	20.47		
40	QPSK	50	0	19.97	20.07	19.97	21.0	1.0
40	QPSK	50	28	20.40	20.50	20.46	22.0	0.0
40	QPSK	50	56	19.98	20.06	20.05	21.0	1.0
40	QPSK	100	0	19.93	20.09	19.96		
40	16QAM	1	1	19.95	20.06	20.02	21.0	1.0
40	64QAM	1	1	17.98	18.10	18.05	19.5	2.5
40	256QAM	1	1	15.98	16.11	16.00	17.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.36	20.51	20.48	22.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	20.41	20.48	20.43	22.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.40	20.47	20.41	22.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	20.41	20.48	20.39	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.42	18.47	18.41	20.0	0.0
100	PI/2 BPSK	1	137	18.44	18.53	18.48		
100	PI/2 BPSK	1	271	18.47	18.51	18.44		
100	PI/2 BPSK	135	0	18.10	18.08	18.00	19.5	0.5
100	PI/2 BPSK	135	69	18.47	18.50	18.42	20.0	0.0
100	PI/2 BPSK	135	138	18.03	18.13	17.97	19.5	0.5
100	PI/2 BPSK	270	0	18.09	18.07	18.06		
100	QPSK	1	1	18.55	18.59	18.52	20.0	0.0
100	QPSK	1	137	18.44	18.50	18.47		
100	QPSK	1	271	18.42	18.47	18.40		
100	QPSK	135	0	17.54	17.54	17.51	19.0	1.0
100	QPSK	135	69	18.44	18.57	18.44	20.0	0.0
100	QPSK	135	138	17.52	17.59	17.54	19.0	1.0
100	QPSK	270	0	17.57	17.63	17.54		
100	16QAM	1	1	17.57	17.55	17.54	19.0	1.0
100	64QAM	1	1	16.02	16.10	16.03	17.5	2.5
100	256QAM	1	1	14.03	14.09	14.08	15.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	18.45	18.52	18.39	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	18.47	18.53	18.50	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	18.42	18.54	18.45	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	18.48	18.48	18.43	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	18.50	18.51	18.48	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	18.45	18.50	18.48	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	18.46	18.49	18.39	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	18.49	18.47	18.48	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.43	21.46	21.43	23.0	0.0
100	PI/2 BPSK	1	137	21.40	21.54	21.49		
100	PI/2 BPSK	1	271	21.50	21.54	21.45		
100	PI/2 BPSK	135	0	21.05	21.10	20.99	22.5	0.5
100	PI/2 BPSK	135	69	21.45	21.54	21.41	23.0	0.0
100	PI/2 BPSK	135	138	21.06	21.16	20.96	22.5	0.5
100	PI/2 BPSK	270	0	21.07	21.07	21.11		
100	QPSK	1	1	21.56	21.62	21.56	23.0	0.0
100	QPSK	1	137	21.39	21.48	21.47		
100	QPSK	1	271	21.47	21.41	21.45		
100	QPSK	135	0	20.48	20.55	20.46	22.0	1.0
100	QPSK	135	69	21.38	21.58	21.50	23.0	0.0
100	QPSK	135	138	20.58	20.59	20.49	22.0	1.0
100	QPSK	270	0	20.57	20.59	20.52		
100	16QAM	1	1	20.52	20.57	20.49	22.0	1.0
100	64QAM	1	1	19.06	19.08	19.01	20.5	2.5
100	256QAM	1	1	17.04	17.06	17.09	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	21.45	21.52	21.47	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	21.43	21.56	21.50	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	21.45	21.48	21.54	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	21.45	21.49	21.52	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	21.43	21.59	21.48	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	21.48	21.55	21.47	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	21.52	21.57	21.53	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	21.49	21.50	21.48	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.82		20.0	0.0
100	PI/2 BPSK	1	137		18.82			
100	PI/2 BPSK	1	271		18.80			
100	PI/2 BPSK	135	0		18.42		19.5	0.5
100	PI/2 BPSK	135	69		18.76		20.0	0.0
100	PI/2 BPSK	135	138		18.44		19.5	0.5
100	PI/2 BPSK	270	0		18.31			
100	QPSK	1	1		18.89		20.0	0.0
100	QPSK	1	137		18.85			
100	QPSK	1	271		18.77			
100	QPSK	135	0		17.90		19.0	1.0
100	QPSK	135	69		18.87		20.0	0.0
100	QPSK	135	138		17.91		19.0	1.0
100	QPSK	270	0		17.97			
100	16QAM	1	1		17.90		19.0	1.0
100	64QAM	1	1		16.42		17.5	2.5
100	256QAM	1	1		14.40		15.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.78	18.82	18.68	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.71	18.80	18.74	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.72	18.79	18.69	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.76	18.81	18.74	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.77	18.80	18.73	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.74	18.79	18.69	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.70	18.82	18.68	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.70	18.83	18.71	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.85		23.0	0.0
100	PI/2 BPSK	1	137		21.86			
100	PI/2 BPSK	1	271		21.75			
100	PI/2 BPSK	135	0		21.39		22.5	0.5
100	PI/2 BPSK	135	69		21.82		23.0	0.0
100	PI/2 BPSK	135	138		21.47		22.5	0.5
100	PI/2 BPSK	270	0		21.32			
100	QPSK	1	1		21.94		23.0	0.0
100	QPSK	1	137		21.88			
100	QPSK	1	271		21.77			
100	QPSK	135	0		20.94		22.0	1.0
100	QPSK	135	69		21.81		23.0	0.0
100	QPSK	135	138		20.93		22.0	1.0
100	QPSK	270	0		21.01			
100	16QAM	1	1		20.92		22.0	1.0
100	64QAM	1	1		19.43		20.5	2.5
100	256QAM	1	1		17.43		18.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	21.75	21.79	21.63	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.78	21.85	21.66	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	21.80	21.78	21.67	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.78	21.86	21.73	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	21.75	21.84	21.68	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.82	21.80	21.63	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	21.72	21.79	21.63	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	21.76	21.82	21.68	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.57		20.0	0.0
100	PI/2 BPSK	1	137		18.55			
100	PI/2 BPSK	1	271		18.58			
100	PI/2 BPSK	135	0		18.09		19.5	0.5
100	PI/2 BPSK	135	69		18.59		20.0	0.0
100	PI/2 BPSK	135	138		18.22		19.5	0.5
100	PI/2 BPSK	270	0		18.17			
100	QPSK	1	1		18.65		20.0	0.0
100	QPSK	1	137		18.59			
100	QPSK	1	271		18.56			
100	QPSK	135	0		17.57		19.0	1.0
100	QPSK	135	69		18.60		20.0	0.0
100	QPSK	135	138		17.60		19.0	1.0
100	QPSK	270	0		17.66			
100	16QAM	1	1		17.58		19.0	1.0
100	64QAM	1	1		16.15		17.5	2.5
100	256QAM	1	1		14.14		15.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	18.53	18.59	18.43	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	18.47	18.55	18.43	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	18.50	18.59	18.48	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	18.46	18.52	18.50	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	18.46	18.57	18.39	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.48	18.63	18.47	20.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	18.55	18.54	18.42	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	18.48	18.63	18.42	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	18.50	18.58	18.49	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	18.50	18.55	18.46	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.62		23.0	0.0
100	PI/2 BPSK	1	137		21.53			
100	PI/2 BPSK	1	271		21.62			
100	PI/2 BPSK	135	0		21.06		22.5	0.5
100	PI/2 BPSK	135	69		21.57		23.0	0.0
100	PI/2 BPSK	135	138		21.27		22.5	0.5
100	PI/2 BPSK	270	0		21.20			
100	QPSK	1	1		21.64		23.0	0.0
100	QPSK	1	137		21.61			
100	QPSK	1	271		21.62			
100	QPSK	135	0		20.60		22.0	1.0
100	QPSK	135	69		21.61		23.0	0.0
100	QPSK	135	138		20.59		22.0	1.0
100	QPSK	270	0		20.70			
100	16QAM	1	1		20.52		22.0	1.0
100	64QAM	1	1		19.14		20.5	2.5
100	256QAM	1	1		17.20		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	21.55	21.55	21.43	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	21.55	21.53	21.39	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	21.52	21.62	21.44	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	21.56	21.60	21.49	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	21.50	21.57	21.38	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	21.53	21.57	21.40	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	21.47	21.54	21.42	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	21.47	21.59	21.44	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	21.56	21.54	21.45	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	21.47	21.63	21.45	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.90		20.0	0.0
100	PI/2 BPSK	1	137		18.96			
100	PI/2 BPSK	1	271		18.98			
100	PI/2 BPSK	135	0		18.60		19.5	0.5
100	PI/2 BPSK	135	69		18.89		20.0	0.0
100	PI/2 BPSK	135	138		18.55		19.5	0.5
100	PI/2 BPSK	270	0		18.37			
100	QPSK	1	1		19.06		20.0	0.0
100	QPSK	1	137		18.93			
100	QPSK	1	271		18.87			
100	QPSK	135	0		17.98		19.0	1.0
100	QPSK	135	69		19.04		20.0	0.0
100	QPSK	135	138		18.04		19.0	1.0
100	QPSK	270	0		18.10			
100	16QAM	1	1		18.07		19.0	1.0
100	64QAM	1	1		16.56		17.5	2.5
100	256QAM	1	1		14.57		15.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.88	18.95	18.84	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.85	18.93	18.85	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.86	18.94	18.82	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.88	18.88	18.77	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.95	18.95	18.85	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.87	18.94	18.83	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.95	18.89	18.85	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.94	19.00	18.76	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.89	18.89	18.79	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.85	18.95	18.82	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.91		23.0	0.0
100	PI/2 BPSK	1	137		21.97			
100	PI/2 BPSK	1	271		22.04			
100	PI/2 BPSK	135	0		21.65		22.5	0.5
100	PI/2 BPSK	135	69		21.88		23.0	0.0
100	PI/2 BPSK	135	138		21.50		22.5	0.5
100	PI/2 BPSK	270	0		21.40			
100	QPSK	1	1		22.07		23.0	0.0
100	QPSK	1	137		21.90			
100	QPSK	1	271		21.83			
100	QPSK	135	0		20.96		22.0	1.0
100	QPSK	135	69		22.05		23.0	0.0
100	QPSK	135	138		20.99		22.0	1.0
100	QPSK	270	0		21.16			
100	16QAM	1	1		21.04		22.0	1.0
100	64QAM	1	1		19.61		20.5	2.5
100	256QAM	1	1		17.62		18.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	21.94	21.99	21.88	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.89	21.95	21.90	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	21.91	21.93	21.80	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	21.86	21.98	21.82	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.88	21.99	21.88	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	21.92	21.98	21.87	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	21.86	21.93	21.86	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.86	21.95	21.82	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	21.86	21.93	21.85	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	21.86	21.90	21.89	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.98	22.00	21.97	23.5	0.0
40	PI/2 BPSK	1	53	21.89	21.99	21.89		
40	PI/2 BPSK	1	104	21.91	21.97	21.94		
40	PI/2 BPSK	50	0	21.56	21.53	21.50	23.0	0.5
40	PI/2 BPSK	50	28	21.98	22.01	21.91	23.5	0.0
40	PI/2 BPSK	50	56	21.45	21.55	21.54	23.0	0.5
40	PI/2 BPSK	100	0	21.45	21.52	21.56		
40	QPSK	1	1	22.01	22.07	22.02	23.5	0.0
40	QPSK	1	53	21.98	22.04	21.98		
40	QPSK	1	104	21.92	22.03	21.97		
40	QPSK	50	0	21.03	21.11	21.05	22.5	1.0
40	QPSK	50	28	21.96	21.98	21.89	23.5	0.0
40	QPSK	50	56	20.98	21.10	21.07	22.5	1.0
40	QPSK	100	0	20.98	21.09	21.05		
40	16QAM	1	1	21.05	21.06	20.97	22.5	1.0
40	64QAM	1	1	19.54	19.60	19.46	21.0	2.5
40	256QAM	1	1	17.50	17.57	17.54	19.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.95	21.95	21.91	23.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	21.90	21.97	21.93	23.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.92	21.96	22.00	23.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.92	21.96	21.97	23.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.97	22.05	21.91	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.09	23.09	23.04	25.0	0.0
100	PI/2 BPSK	1	137	23.01	23.07	23.05		
100	PI/2 BPSK	1	271	23.06	23.07	23.06		
100	PI/2 BPSK	135	0	22.64	22.58	22.57	24.5	0.5
100	PI/2 BPSK	135	69	23.02	23.07	23.04	25.0	0.0
100	PI/2 BPSK	135	138	22.56	22.64	22.65	24.5	0.5
100	PI/2 BPSK	270	0	22.52	22.57	22.66		
100	QPSK	1	1	23.05	23.18	23.06	25.0	0.0
100	QPSK	1	137	23.05	23.12	23.04		
100	QPSK	1	271	23.01	23.14	23.10		
100	QPSK	135	0	22.09	22.19	22.15	24.0	1.0
100	QPSK	135	69	23.01	23.04	23.02	25.0	0.0
100	QPSK	135	138	22.06	22.17	22.13	24.0	1.0
100	QPSK	270	0	22.11	22.18	22.15		
100	16QAM	1	1	22.13	22.17	22.15	24.0	1.0
100	64QAM	1	1	20.65	20.72	20.59	22.5	2.5
100	256QAM	1	1	18.63	18.63	18.58	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.02	23.08	22.97	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.94	23.14	22.98	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.92	23.13	22.99	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.97	23.08	22.97	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.99	23.09	22.95	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.02	23.12	22.99	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.97	23.13	22.95	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.98	23.07	23.00	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.98	23.14	23.00	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	24.45	24.46	24.46	26.0	0.0
40	PI/2 BPSK	1	53	24.45	24.49	24.44		
40	PI/2 BPSK	1	104	24.37	24.53	24.45		
40	PI/2 BPSK	50	0	23.99	24.03	24.01	25.5	0.5
40	PI/2 BPSK	50	28	24.40	24.52	24.46	26.0	0.0
40	PI/2 BPSK	50	56	24.03	24.02	24.05	25.5	0.5
40	PI/2 BPSK	100	0	24.05	24.06	24.02		
40	QPSK	1	1	24.50	24.57	24.52	26.0	0.0
40	QPSK	1	53	24.41	24.52	24.46		
40	QPSK	1	104	24.45	24.46	24.40		
40	QPSK	50	0	23.49	23.63	23.46	25.0	1.0
40	QPSK	50	28	24.44	24.51	24.44	26.0	0.0
40	QPSK	50	56	23.54	23.51	23.47	25.0	1.0
40	QPSK	100	0	23.51	23.57	23.47		
40	16QAM	1	1	23.55	23.52	23.56	25.0	1.0
40	64QAM	1	1	22.02	22.10	21.98	23.5	2.5
40	256QAM	1	1	19.98	20.03	20.08	21.5	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	24.39	24.54	24.44	26.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	24.43	24.49	24.43	26.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	24.42	24.45	24.41	26.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	24.44	24.48	24.46	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.91	23.01	22.96	24.5	0.0
100	PI/2 BPSK	1	137	23.00	23.02	22.97		
100	PI/2 BPSK	1	271	22.98	23.01	23.01		
100	PI/2 BPSK	135	0	22.59	22.67	22.61	24.0	0.5
100	PI/2 BPSK	135	69	23.01	23.03	22.96	24.5	0.0
100	PI/2 BPSK	135	138	22.50	22.65	22.56	24.0	0.5
100	PI/2 BPSK	270	0	22.58	22.66	22.55		
100	QPSK	1	1	23.05	23.11	23.08	24.5	0.0
100	QPSK	1	137	22.95	23.03	23.03		
100	QPSK	1	271	22.98	23.08	23.03		
100	QPSK	135	0	22.09	22.11	22.08	23.5	1.0
100	QPSK	135	69	22.96	23.05	22.98	24.5	0.0
100	QPSK	135	138	22.09	22.08	22.06	23.5	1.0
100	QPSK	270	0	22.03	22.09	22.06		
100	16QAM	1	1	22.08	22.07	22.08	23.5	1.0
100	64QAM	1	1	20.52	20.67	20.60	22.0	2.5
100	256QAM	1	1	18.54	18.59	18.53	20.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	23.00	23.05	23.04	24.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	22.98	22.98	22.95	24.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	22.95	22.98	23.01	24.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	23.02	23.09	23.00	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	23.01	23.04	22.94	24.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	22.95	23.03	23.00	24.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	22.96	22.99	22.96	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	22.98	23.09	22.96	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.89	26.07	25.94	27.5	0.0
100	PI/2 BPSK	1	137	26.04	26.07	25.94		
100	PI/2 BPSK	1	271	25.94	25.98	26.00		
100	PI/2 BPSK	135	0	25.55	25.73	25.58	27.0	0.5
100	PI/2 BPSK	135	69	26.06	26.05	25.95	27.5	0.0
100	PI/2 BPSK	135	138	25.50	25.63	25.50	27.0	0.5
100	PI/2 BPSK	270	0	25.52	25.71	25.56		
100	QPSK	1	1	26.10	26.14	26.11	27.5	0.0
100	QPSK	1	137	26.00	26.00	26.06		
100	QPSK	1	271	26.02	26.03	26.05		
100	QPSK	135	0	25.07	25.12	25.12	26.5	1.0
100	QPSK	135	69	26.01	26.09	26.02	27.5	0.0
100	QPSK	135	138	25.06	25.08	25.10	26.5	1.0
100	QPSK	270	0	25.02	25.12	25.06		
100	16QAM	1	1	25.06	25.11	25.08	26.5	1.0
100	64QAM	1	1	23.48	23.71	23.66	25.0	2.5
100	256QAM	1	1	21.60	21.61	21.47	23.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	26.05	26.05	25.99	27.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	26.03	26.06	25.99	27.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	25.98	26.07	26.08	27.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	25.97	26.04	26.06	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	25.99	26.09	26.01	27.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	25.99	26.05	26.02	27.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	25.97	26.08	26.04	27.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	25.99	26.06	26.04	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.99		24.5	0.0
100	PI/2 BPSK	1	137		22.95			
100	PI/2 BPSK	1	271		23.01			
100	PI/2 BPSK	135	0		22.66		24.0	0.5
100	PI/2 BPSK	135	69		23.03		24.5	0.0
100	PI/2 BPSK	135	138		22.60		24.0	0.5
100	PI/2 BPSK	270	0		22.66			
100	QPSK	1	1		23.07		24.5	0.0
100	QPSK	1	137		23.05			
100	QPSK	1	271		23.03			
100	QPSK	135	0		22.03		23.5	1.0
100	QPSK	135	69		23.05		24.5	0.0
100	QPSK	135	138		22.02		23.5	1.0
100	QPSK	270	0		22.09			
100	16QAM	1	1		21.99		23.5	1.0
100	64QAM	1	1		20.70		22.0	2.5
100	256QAM	1	1		18.61		20.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	22.91	23.06	22.97	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	22.99	23.02	23.02	24.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	22.97	23.03	23.02	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	22.93	23.00	23.03	24.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	22.92	22.99	23.01	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.96	23.04	23.00	24.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	23.03	23.03	23.00	24.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	22.98	23.00	23.03	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.93		27.5	0.0
100	PI/2 BPSK	1	137		25.96			
100	PI/2 BPSK	1	271		25.97			
100	PI/2 BPSK	135	0		25.62		27.0	0.5
100	PI/2 BPSK	135	69		26.01		27.5	0.0
100	PI/2 BPSK	135	138		25.60		27.0	0.5
100	PI/2 BPSK	270	0		25.62			
100	QPSK	1	1		26.09		27.5	0.0
100	QPSK	1	137		26.05			
100	QPSK	1	271		26.08			
100	QPSK	135	0		25.07		26.5	1.0
100	QPSK	135	69		26.06		27.5	0.0
100	QPSK	135	138		24.99		26.5	1.0
100	QPSK	270	0		25.10			
100	16QAM	1	1		25.00		26.5	1.0
100	64QAM	1	1		23.68		25.0	2.5
100	256QAM	1	1		21.66		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	25.93	25.96	25.84	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	25.98	25.93	25.87	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	25.91	25.93	25.85	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	25.92	25.94	25.89	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	25.94	25.96	25.92	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	25.90	25.94	25.95	27.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	25.90	25.96	25.84	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	25.92	25.93	25.92	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.90		24.5	0.0
100	PI/2 BPSK	1	137		22.91			
100	PI/2 BPSK	1	271		22.89			
100	PI/2 BPSK	135	0		22.59		24.0	0.5
100	PI/2 BPSK	135	69		22.89		24.5	0.0
100	PI/2 BPSK	135	138		22.50		24.0	0.5
100	PI/2 BPSK	270	0		22.63			
100	QPSK	1	1		23.00		24.5	0.0
100	QPSK	1	137		22.98			
100	QPSK	1	271		22.98			
100	QPSK	135	0		21.95		23.5	1.0
100	QPSK	135	69		22.93		24.5	0.0
100	QPSK	135	138		21.89		23.5	1.0
100	QPSK	270	0		22.02			
100	16QAM	1	1		21.90		23.5	1.0
100	64QAM	1	1		20.61		22.0	2.5
100	256QAM	1	1		18.51		20.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	22.81	22.98	22.83	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	22.88	22.96	22.91	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	22.83	22.93	22.84	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	22.77	22.96	22.85	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	22.79	22.98	22.91	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	22.82	22.96	22.92	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	22.84	22.96	22.83	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	22.86	22.98	22.90	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	22.78	22.98	22.88	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	22.78	22.94	22.83	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.87		27.5	0.0
100	PI/2 BPSK	1	137		25.96			
100	PI/2 BPSK	1	271		25.93			
100	PI/2 BPSK	135	0		25.64		27.0	0.5
100	PI/2 BPSK	135	69		26.04		27.5	0.0
100	PI/2 BPSK	135	138		25.58		27.0	0.5
100	PI/2 BPSK	270	0		25.55			
100	QPSK	1	1		26.08		27.5	0.0
100	QPSK	1	137		26.01			
100	QPSK	1	271		26.00			
100	QPSK	135	0		25.07		26.5	1.0
100	QPSK	135	69		25.99		27.5	0.0
100	QPSK	135	138		24.92		26.5	1.0
100	QPSK	270	0		25.03			
100	16QAM	1	1		24.97		26.5	1.0
100	64QAM	1	1		23.61		25.0	2.5
100	256QAM	1	1		21.67		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	26.00	25.98	25.90	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	25.95	25.99	25.86	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	25.99	25.98	25.87	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	25.98	25.92	25.84	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	26.00	25.91	25.89	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	25.90	25.90	25.86	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	26.00	25.98	25.91	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	26.01	25.90	25.94	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	25.89	25.91	25.85	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	25.92	25.91	25.86	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.89		24.5	0.0
100	PI/2 BPSK	1	137		22.91			
100	PI/2 BPSK	1	271		22.85			
100	PI/2 BPSK	135	0		22.52		24.0	0.5
100	PI/2 BPSK	135	69		22.91		24.5	0.0
100	PI/2 BPSK	135	138		22.50		24.0	0.5
100	PI/2 BPSK	270	0		22.60			
100	QPSK	1	1		23.02		24.5	0.0
100	QPSK	1	137		22.97			
100	QPSK	1	271		22.93			
100	QPSK	135	0		21.92		23.5	1.0
100	QPSK	135	69		22.96		24.5	0.0
100	QPSK	135	138		21.87		23.5	1.0
100	QPSK	270	0		21.99			
100	16QAM	1	1		21.87		23.5	1.0
100	64QAM	1	1		20.60		22.0	2.5
100	256QAM	1	1		18.46		20.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	22.75	23.01	22.78	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	22.78	22.95	22.83	24.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	22.79	23.01	22.81	24.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	22.75	22.96	22.82	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	22.80	22.96	22.76	24.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	22.77	22.93	22.77	24.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	22.76	22.94	22.79	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.80	22.95	22.80	24.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	22.81	23.01	22.75	24.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	22.76	22.93	22.85	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.83		27.5	0.0
100	PI/2 BPSK	1	137		25.92			
100	PI/2 BPSK	1	271		25.87			
100	PI/2 BPSK	135	0		25.66		27.0	0.5
100	PI/2 BPSK	135	69		26.01		27.5	0.0
100	PI/2 BPSK	135	138		25.52		27.0	0.5
100	PI/2 BPSK	270	0		25.52			
100	QPSK	1	1		26.05		27.5	0.0
100	QPSK	1	137		25.98			
100	QPSK	1	271		26.00			
100	QPSK	135	0		25.09		26.5	1.0
100	QPSK	135	69		25.92		27.5	0.0
100	QPSK	135	138		24.95		26.5	1.0
100	QPSK	270	0		25.06			
100	16QAM	1	1		24.96		26.5	1.0
100	64QAM	1	1		23.65		25.0	2.5
100	256QAM	1	1		21.64		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	25.92	25.97	25.91	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	25.93	25.99	25.87	27.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	25.96	25.90	25.93	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	25.98	25.96	25.95	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	25.96	25.98	25.91	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	25.97	26.00	25.85	27.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	25.91	25.98	25.84	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	25.97	25.93	25.93	27.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	25.93	26.01	25.84	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	26.00	25.97	25.93	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.32	15.38	15.31	17.0	0.0
40	PI/2 BPSK	1	53	15.27	15.36	15.27		
40	PI/2 BPSK	1	104	15.30	15.33	15.33		
40	PI/2 BPSK	50	0	15.33	15.36	15.34	17.0	0.0
40	PI/2 BPSK	50	28	15.30	15.33	15.27	17.0	0.0
40	PI/2 BPSK	50	56	15.27	15.34	15.37	17.0	0.0
40	PI/2 BPSK	100	0	15.27	15.32	15.33		
40	QPSK	1	1	15.35	15.40	15.38	17.0	0.0
40	QPSK	1	53	15.33	15.37	15.28		
40	QPSK	1	104	15.29	15.36	15.32		
40	QPSK	50	0	15.32	15.35	15.31	17.0	0.0
40	QPSK	50	28	15.33	15.39	15.34	17.0	0.0
40	QPSK	50	56	15.33	15.36	15.26	17.0	0.0
40	QPSK	100	0	15.32	15.38	15.33		
40	16QAM	1	1	15.35	15.37	15.29	17.0	0.0
40	64QAM	1	1	15.34	15.37	15.35	17.0	0.0
40	256QAM	1	1	13.86	13.86	13.82	15.5	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.28	15.35	15.28	17.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	15.30	15.36	15.29	17.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.34	15.36	15.27	17.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.23	15.38	15.36	17.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.24	15.35	15.35	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.46	15.51	15.31	17.0	0.0
100	PI/2 BPSK	1	137	15.43	15.47	15.36		
100	PI/2 BPSK	1	271	15.41	15.50	15.36		
100	PI/2 BPSK	135	0	15.45	15.43	15.29	17.0	0.0
100	PI/2 BPSK	135	69	15.41	15.45	15.37	17.0	0.0
100	PI/2 BPSK	135	138	15.46	15.42	15.30	17.0	0.0
100	PI/2 BPSK	270	0	15.46	15.51	15.30		
100	QPSK	1	1	15.48	15.53	15.39	17.0	0.0
100	QPSK	1	137	15.45	15.50	15.38		
100	QPSK	1	271	15.48	15.51	15.35		
100	QPSK	135	0	15.46	15.46	15.37	17.0	0.0
100	QPSK	135	69	15.48	15.51	15.38	17.0	0.0
100	QPSK	135	138	15.44	15.46	15.37	17.0	0.0
100	QPSK	270	0	15.47	15.50	15.35		
100	16QAM	1	1	15.40	15.46	15.35	17.0	0.0
100	64QAM	1	1	15.48	15.51	15.38	17.0	0.0
100	256QAM	1	1	13.91	13.92	13.92	15.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	15.43	15.52	15.39	17.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	15.43	15.50	15.37	17.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	15.42	15.51	15.37	17.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	15.45	15.52	15.32	17.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	15.40	15.51	15.27	17.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	15.38	15.47	15.31	17.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	15.43	15.48	15.35	17.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	15.43	15.50	15.32	17.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	15.38	15.51	15.32	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	20.86	20.93	20.87	22.5	0.0
40	PI/2 BPSK	1	53	20.88	20.94	20.91		
40	PI/2 BPSK	1	104	20.82	20.88	20.90		
40	PI/2 BPSK	50	0	20.80	20.91	20.89	22.5	0.0
40	PI/2 BPSK	50	28	20.85	20.89	20.89	22.5	0.0
40	PI/2 BPSK	50	56	20.82	20.94	20.85	22.5	0.0
40	PI/2 BPSK	100	0	20.91	20.93	20.91		
40	QPSK	1	1	20.92	20.95	20.88	22.5	0.0
40	QPSK	1	53	20.86	20.92	20.88		
40	QPSK	1	104	20.92	20.93	20.91		
40	QPSK	50	0	20.87	20.93	20.88	22.5	0.0
40	QPSK	50	28	20.91	20.94	20.90	22.5	0.0
40	QPSK	50	56	20.91	20.88	20.85	22.5	0.0
40	QPSK	100	0	20.84	20.90	20.88		
40	16QAM	1	1	20.80	20.92	20.89	22.5	0.0
40	64QAM	1	1	20.33	20.41	20.44	22.0	0.5
40	256QAM	1	1	18.41	18.46	18.45	20.0	2.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.82	20.91	20.78	22.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	20.83	20.93	20.79	22.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.90	20.89	20.85	22.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	20.80	20.92	20.78	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.90	20.98	20.93	22.5	0.0
100	PI/2 BPSK	1	137	20.91	20.97	21.03		
100	PI/2 BPSK	1	271	21.00	21.00	21.02		
100	PI/2 BPSK	135	0	20.54	20.58	20.60	22.0	0.5
100	PI/2 BPSK	135	69	20.97	20.97	20.94	22.5	0.0
100	PI/2 BPSK	135	138	20.48	20.65	20.57	22.0	0.5
100	PI/2 BPSK	270	0	20.52	20.56	20.62		
100	QPSK	1	1	21.02	21.10	21.06	22.5	0.0
100	QPSK	1	137	20.92	21.01	21.01		
100	QPSK	1	271	20.98	20.97	20.93		
100	QPSK	135	0	20.05	20.16	20.11	21.5	1.0
100	QPSK	135	69	20.88	21.07	20.93	22.5	0.0
100	QPSK	135	138	20.01	20.09	20.05	21.5	1.0
100	QPSK	270	0	20.07	20.16	20.04		
100	16QAM	1	1	20.01	20.07	20.09	21.5	1.0
100	64QAM	1	1	18.49	18.64	18.61	20.0	2.5
100	256QAM	1	1	16.51	16.63	16.54	18.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	20.99	21.04	20.93	22.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	20.94	20.97	21.01	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	20.99	20.99	21.00	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	20.92	21.06	21.03	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	20.89	21.00	20.95	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	21.00	20.97	21.01	22.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	20.91	21.04	21.00	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	20.92	21.08	20.96	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.88	23.95	23.89	25.5	0.0
100	PI/2 BPSK	1	137	23.85	23.96	24.03		
100	PI/2 BPSK	1	271	24.00	24.02	24.04		
100	PI/2 BPSK	135	0	23.59	23.61	23.60	25.0	0.5
100	PI/2 BPSK	135	69	23.98	24.03	23.92	25.5	0.0
100	PI/2 BPSK	135	138	23.48	23.70	23.55	25.0	0.5
100	PI/2 BPSK	270	0	23.49	23.58	23.61		
100	QPSK	1	1	24.03	24.12	24.06	25.5	0.0
100	QPSK	1	137	23.93	23.95	24.04		
100	QPSK	1	271	23.97	23.93	23.93		
100	QPSK	135	0	23.05	23.10	23.05	24.5	1.0
100	QPSK	135	69	23.84	24.04	23.94	25.5	0.0
100	QPSK	135	138	23.01	23.08	23.04	24.5	1.0
100	QPSK	270	0	23.05	23.16	23.04		
100	16QAM	1	1	22.97	23.13	23.12	24.5	1.0
100	64QAM	1	1	21.46	21.66	21.61	23.0	2.5
100	256QAM	1	1	19.51	19.59	19.54	21.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	24.00	24.05	23.90	25.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	23.96	24.02	23.93	25.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	23.96	23.99	23.92	25.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	24.05	24.02	23.97	25.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	24.03	24.09	23.88	25.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	24.03	24.06	23.96	25.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	24.00	24.04	23.92	25.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	24.02	24.01	23.94	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.22		22.5	0.0
100	PI/2 BPSK	1	137		21.16			
100	PI/2 BPSK	1	271		21.20			
100	PI/2 BPSK	135	0		20.77		22.0	0.5
100	PI/2 BPSK	135	69		21.16		22.5	0.0
100	PI/2 BPSK	135	138		20.87		22.0	0.5
100	PI/2 BPSK	270	0		20.81			
100	QPSK	1	1		21.33		22.5	0.0
100	QPSK	1	137		21.25			
100	QPSK	1	271		21.13			
100	QPSK	135	0		20.41		21.5	1.0
100	QPSK	135	69		21.24		22.5	0.0
100	QPSK	135	138		20.28		21.5	1.0
100	QPSK	270	0		20.41			
100	16QAM	1	1		20.24		21.5	1.0
100	64QAM	1	1		18.83		20.0	2.5
100	256QAM	1	1		16.78		18.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	21.20	21.20	21.18	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.13	21.21	21.18	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	21.16	21.29	21.09	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.21	21.30	21.10	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	21.15	21.24	21.11	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.17	21.27	21.11	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	21.21	21.27	21.09	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	21.22	21.22	21.12	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.21		25.5	0.0
100	PI/2 BPSK	1	137		24.19			
100	PI/2 BPSK	1	271		24.24			
100	PI/2 BPSK	135	0		23.83		25.0	0.5
100	PI/2 BPSK	135	69		24.20		25.5	0.0
100	PI/2 BPSK	135	138		23.85		25.0	0.5
100	PI/2 BPSK	270	0		23.79			
100	QPSK	1	1		24.31		25.5	0.0
100	QPSK	1	137		24.20			
100	QPSK	1	271		24.14			
100	QPSK	135	0		23.38		24.5	1.0
100	QPSK	135	69		24.19		25.5	0.0
100	QPSK	135	138		23.24		24.5	1.0
100	QPSK	270	0		23.47			
100	16QAM	1	1		23.28		24.5	1.0
100	64QAM	1	1		21.81		23.0	2.5
100	256QAM	1	1		19.72		21.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	24.16	24.26	24.13	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.15	24.19	24.24	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	24.22	24.17	24.19	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.22	24.20	24.22	25.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	24.17	24.21	24.19	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.23	24.26	24.18	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	24.21	24.25	24.24	25.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	24.16	24.20	24.13	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.94		22.5	0.0
100	PI/2 BPSK	1	137		20.84			
100	PI/2 BPSK	1	271		20.92			
100	PI/2 BPSK	135	0		20.52		22.0	0.5
100	PI/2 BPSK	135	69		20.84		22.5	0.0
100	PI/2 BPSK	135	138		20.55		22.0	0.5
100	PI/2 BPSK	270	0		20.57			
100	QPSK	1	1		21.03		22.5	0.0
100	QPSK	1	137		20.98			
100	QPSK	1	271		20.80			
100	QPSK	135	0		20.16		21.5	1.0
100	QPSK	135	69		20.94		22.5	0.0
100	QPSK	135	138		19.92		21.5	1.0
100	QPSK	270	0		20.16			
100	16QAM	1	1		20.00		21.5	1.0
100	64QAM	1	1		18.49		20.0	2.5
100	256QAM	1	1		16.46		18.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	20.91	20.85	20.82	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	20.88	20.88	20.84	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	20.88	20.95	20.89	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	20.94	20.93	20.91	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	20.90	20.84	20.85	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	20.92	20.94	20.90	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	20.92	20.89	20.89	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	20.94	20.87	20.89	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	20.94	20.86	20.91	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	20.95	20.93	20.89	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.91		25.5	0.0
100	PI/2 BPSK	1	137		23.77			
100	PI/2 BPSK	1	271		23.84			
100	PI/2 BPSK	135	0		23.49		25.0	0.5
100	PI/2 BPSK	135	69		23.73		25.5	0.0
100	PI/2 BPSK	135	138		23.46		25.0	0.5
100	PI/2 BPSK	270	0		23.47			
100	QPSK	1	1		23.97		25.5	0.0
100	QPSK	1	137		23.92			
100	QPSK	1	271		23.71			
100	QPSK	135	0		23.07		24.5	1.0
100	QPSK	135	69		23.87		25.5	0.0
100	QPSK	135	138		22.84		24.5	1.0
100	QPSK	270	0		23.08			
100	16QAM	1	1		22.99		24.5	1.0
100	64QAM	1	1		21.45		23.0	2.5
100	256QAM	1	1		19.46		21.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	23.83	23.91	23.85	25.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	23.88	23.91	23.89	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	23.86	23.93	23.77	25.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	23.91	23.93	23.81	25.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	23.84	23.91	23.80	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	23.84	23.91	23.84	25.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	23.86	23.94	23.87	25.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	23.84	23.94	23.82	25.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	23.83	23.94	23.83	25.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	23.84	23.90	23.88	25.5	0.0

Part27Q 78 Ant 7 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.20		22.5	0.0
100	PI/2 BPSK	1	137		21.15			
100	PI/2 BPSK	1	271		21.24			
100	PI/2 BPSK	135	0		20.78		22.0	0.5
100	PI/2 BPSK	135	69		21.18		22.5	0.0
100	PI/2 BPSK	135	138		20.84		22.0	0.5
100	PI/2 BPSK	270	0		20.89			
100	QPSK	1	1		21.35		22.5	0.0
100	QPSK	1	137		21.33			
100	QPSK	1	271		21.14			
100	QPSK	135	0		20.46		21.5	1.0
100	QPSK	135	69		21.29		22.5	0.0
100	QPSK	135	138		20.20		21.5	1.0
100	QPSK	270	0		20.49			
100	16QAM	1	1		20.32		21.5	1.0
100	64QAM	1	1		18.76		20.0	2.5
100	256QAM	1	1		16.78		18.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	21.16	21.20	21.09	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.18	21.19	21.14	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	21.21	21.18	21.07	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	21.18	21.10	21.16	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.17	21.12	21.16	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	21.24	21.16	21.11	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	21.24	21.19	21.08	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.26	21.12	21.10	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	21.15	21.09	21.14	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	21.26	21.10	21.13	22.5	0.0

Part27Q 78 HPUE Ant 7 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.19		25.5	0.0
100	PI/2 BPSK	1	137		24.16			
100	PI/2 BPSK	1	271		24.22			
100	PI/2 BPSK	135	0		23.79		25.0	0.5
100	PI/2 BPSK	135	69		24.16		25.5	0.0
100	PI/2 BPSK	135	138		23.78		25.0	0.5
100	PI/2 BPSK	270	0		23.89			
100	QPSK	1	1		24.39		25.5	0.0
100	QPSK	1	137		24.34			
100	QPSK	1	271		24.17			
100	QPSK	135	0		23.46		24.5	1.0
100	QPSK	135	69		24.25		25.5	0.0
100	QPSK	135	138		23.15		24.5	1.0
100	QPSK	270	0		23.49			
100	16QAM	1	1		23.27		24.5	1.0
100	64QAM	1	1		21.71		23.0	2.5
100	256QAM	1	1		19.78		21.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	24.15	24.20	24.05	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.15	24.17	24.14	25.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	24.18	24.15	24.05	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	24.18	24.16	24.15	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.20	24.26	24.14	25.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	24.16	24.17	24.08	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	24.10	24.25	24.05	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.21	24.19	24.10	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	24.18	24.15	24.12	25.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	24.12	24.26	24.07	25.5	0.0

Reduced Power Mode for Main PA DSI4

n2 Ant 1 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.89	19.05	18.97	20.5	0.0
20	PI/2 BPSK	1	53	18.96	19.05	18.98		
20	PI/2 BPSK	1	104	18.96	19.01	18.97		
20	PI/2 BPSK	50	0	18.94	19.07	19.01	20.5	0.0
20	PI/2 BPSK	50	28	18.92	19.01	18.94	20.5	0.0
20	PI/2 BPSK	50	56	18.97	19.06	18.93	20.5	0.0
20	PI/2 BPSK	100	0	18.98	19.02	18.91		
20	QPSK	1	1	18.98	19.09	18.98	20.5	0.0
20	QPSK	1	53	18.87	19.06	18.94		
20	QPSK	1	104	18.88	19.02	18.97		
20	QPSK	50	0	18.91	19.06	18.97	20.5	0.0
20	QPSK	50	28	18.90	19.06	18.95	20.5	0.0
20	QPSK	50	56	18.97	19.04	18.95	20.5	0.0
20	QPSK	100	0	18.94	19.01	18.90		
20	16QAM	1	1	18.93	19.07	18.90	20.5	0.0
20	64QAM	1	1	18.97	19.02	19.01	20.5	0.0
20	256QAM	1	1	18.90	19.03	18.97	20.0	0.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.91	19.07	18.86	20.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.86	19.01	18.94	20.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.91	18.97	18.92	20.5	0.0

n5 Ant 1 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.19	23.27	23.16	24.7	0.0
20	PI/2 BPSK	1	53	23.34	23.50	23.36		
20	PI/2 BPSK	1	104	23.34	23.44	23.28		
20	PI/2 BPSK	50	0	23.48	23.55	23.48	24.7	0.0
20	PI/2 BPSK	50	28	23.36	23.42	23.29	24.7	0.0
20	PI/2 BPSK	50	56	23.50	23.53	23.46	24.7	0.0
20	PI/2 BPSK	100	0	23.53	23.56	23.48		
20	QPSK	1	1	23.52	23.59	23.50	24.7	0.0
20	QPSK	1	53	23.38	23.38	23.35		
20	QPSK	1	104	23.36	23.33	23.33		
20	QPSK	50	0	23.48	23.55	23.54	24.7	0.0
20	QPSK	50	28	23.44	23.52	23.34	24.7	0.0
20	QPSK	50	56	23.06	23.11	23.09	24.7	0.0
20	QPSK	100	0	23.55	23.58	23.52		
20	16QAM	1	1	23.10	23.22	23.18	24.7	0.0
20	64QAM	1	1	21.70	21.81	21.77	23.2	1.5
20	256QAM	1	1	20.31	20.42	20.36	21.2	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.51	23.54	23.40	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.47	23.53	23.45	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.44	23.53	23.42	24.7	0.0

n7 Ant 1 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.02	18.98	18.98	20.5	0.0
50	PI/2 BPSK	1	135	18.96	19.01	19.00		
50	PI/2 BPSK	1	268	19.00	19.03	18.92		
50	PI/2 BPSK	135	0	19.04	19.04	19.00	20.5	0.0
50	PI/2 BPSK	135	68	19.01	18.98	18.98	20.5	0.0
50	PI/2 BPSK	135	135	18.98	19.05	18.98	20.5	0.0
50	PI/2 BPSK	270	0	18.99	19.02	18.99		
50	QPSK	1	1	18.94	19.02	18.91	20.5	0.0
50	QPSK	1	135	18.98	19.04	18.90		
50	QPSK	1	268	19.05	19.06	18.89		
50	QPSK	135	0	19.01	19.00	18.92	20.5	0.0
50	QPSK	135	68	19.01	18.99	18.95	20.5	0.0
50	QPSK	135	135	19.02	19.03	18.97	20.5	0.0
50	QPSK	270	0	18.95	19.00	18.90		
50	16QAM	1	1	18.95	18.98	18.98	20.5	0.0
50	64QAM	1	1	18.97	18.99	18.98	20.5	0.0
50	256QAM	1	1	19.04	19.03	19.00	20.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.04	19.05	18.79	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.04	19.04	18.87	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.94	19.03	18.87	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.93	18.96	18.78	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.98	18.94	18.80	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.04	18.95	18.88	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.96	19.01	18.87	20.5	0.0

n66 Ant 1 DSI 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.11	19.12	19.09	21.0	0.0
40	PI/2 BPSK	1	108	19.19	19.11	19.04		
40	PI/2 BPSK	1	214	19.10	19.19	19.03		
40	PI/2 BPSK	108	0	19.11	19.18	19.04	21.0	0.0
40	PI/2 BPSK	108	54	19.16	19.20	19.08	21.0	0.0
40	PI/2 BPSK	108	108	19.11	19.12	19.11	21.0	0.0
40	PI/2 BPSK	216	0	19.13	19.11	19.10		
40	QPSK	1	1	19.30	19.34	19.29	21.0	0.0
40	QPSK	1	108	19.21	19.22	19.23		
40	QPSK	1	214	19.25	19.29	19.23		
40	QPSK	108	0	19.28	19.23	19.20	21.0	0.0
40	QPSK	108	54	19.21	19.27	19.15	21.0	0.0
40	QPSK	108	108	19.16	19.26	19.26	21.0	0.0
40	QPSK	216	0	19.21	19.23	19.15		
40	16QAM	1	1	19.11	19.10	19.11	21.0	0.0
40	64QAM	1	1	19.17	19.13	19.13	21.0	0.0
40	256QAM	1	1	19.16	19.18	19.07	21.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.17	19.23	19.20	21.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.25	19.24	19.23	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.28	19.28	19.15	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.19	19.24	19.21	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.24	19.21	19.18	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.23	19.22	19.26	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.69	20.74	20.68	21.5	0.0
50	PI/2 BPSK	1	135	20.75	20.75	20.70		
50	PI/2 BPSK	1	268	20.72	20.82	20.67		
50	PI/2 BPSK	135	0	20.70	20.74	20.68	21.5	0.0
50	PI/2 BPSK	135	68	20.71	20.82	20.67	21.5	0.0
50	PI/2 BPSK	135	135	20.78	20.72	20.67	21.5	0.0
50	PI/2 BPSK	270	0	20.76	20.79	20.65		
50	QPSK	1	1	20.68	20.80	20.71	21.5	0.0
50	QPSK	1	135	20.76	20.78	20.60		
50	QPSK	1	268	20.80	20.85	20.74		
50	QPSK	135	0	20.71	20.78	20.68	21.5	0.0
50	QPSK	135	68	20.70	20.82	20.71	21.5	0.0
50	QPSK	135	135	20.77	20.80	20.68	21.5	0.0
50	QPSK	270	0	20.75	20.79	20.64		
50	16QAM	1	1	20.72	20.72	20.70	21.5	0.0
50	64QAM	1	1	20.71	20.75	20.69	21.5	0.0
50	256QAM	1	1	19.24	19.31	19.22	20.0	1.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.75	20.76	20.60	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.75	20.76	20.66	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.73	20.83	20.69	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.77	20.79	20.68	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.77	20.79	20.63	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.69	20.82	20.72	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.77	20.80	20.71	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.99	17.06	16.91	18.5	0.0
20	PI/2 BPSK	1	53	16.91	17.05	16.84		
20	PI/2 BPSK	1	104	16.93	16.99	16.92		
20	PI/2 BPSK	50	0	16.94	17.05	16.85	18.5	0.0
20	PI/2 BPSK	50	28	16.95	17.08	16.87	18.5	0.0
20	PI/2 BPSK	50	56	16.87	17.06	16.89	18.5	0.0
20	PI/2 BPSK	100	0	16.90	17.00	16.95		
20	QPSK	1	1	16.99	17.10	16.96	18.5	0.0
20	QPSK	1	53	16.93	17.09	16.87		
20	QPSK	1	104	16.90	17.01	16.89		
20	QPSK	50	0	16.91	17.03	16.90	18.5	0.0
20	QPSK	50	28	16.88	17.06	16.87	18.5	0.0
20	QPSK	50	56	16.97	16.99	16.85	18.5	0.0
20	QPSK	100	0	16.92	17.04	16.85		
20	16QAM	1	1	16.91	17.00	16.91	18.5	0.0
20	64QAM	1	1	16.99	17.01	16.86	18.5	0.0
20	256QAM	1	1	16.97	16.99	16.85	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.91	16.99	16.91	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.89	17.03	16.95	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.91	17.00	16.92	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.46	23.53	23.48	24.7	0.0
20	PI/2 BPSK	1	53	23.44	23.58	23.44		
20	PI/2 BPSK	1	104	23.51	23.57	23.42		
20	PI/2 BPSK	50	0	23.46	23.55	23.43	24.7	0.0
20	PI/2 BPSK	50	28	23.46	23.49	23.44	24.7	0.0
20	PI/2 BPSK	50	56	23.48	23.51	23.40	24.7	0.0
20	PI/2 BPSK	100	0	23.48	23.52	23.38		
20	QPSK	1	1	23.57	23.61	23.51	24.7	0.0
20	QPSK	1	53	23.48	23.51	23.39		
20	QPSK	1	104	23.43	23.54	23.41		
20	QPSK	50	0	23.51	23.53	23.39	24.7	0.0
20	QPSK	50	28	23.44	23.58	23.46	24.7	0.0
20	QPSK	50	56	23.55	23.56	23.48	24.7	0.0
20	QPSK	100	0	23.54	23.54	23.46		
20	16QAM	1	1	23.50	23.51	23.39	24.7	0.0
20	64QAM	1	1	22.04	22.06	21.97	23.2	1.5
20	256QAM	1	1	20.06	20.13	20.05	21.2	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.46	23.55	23.41	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.52	23.57	23.42	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.47	23.58	23.40	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.48	17.47	17.46	19.0	0.0
50	PI/2 BPSK	1	135	17.51	17.51	17.43		
50	PI/2 BPSK	1	268	17.53	17.52	17.40		
50	PI/2 BPSK	135	0	17.48	17.52	17.50	19.0	0.0
50	PI/2 BPSK	135	68	17.49	17.54	17.47	19.0	0.0
50	PI/2 BPSK	135	135	17.46	17.54	17.50	19.0	0.0
50	PI/2 BPSK	270	0	17.47	17.53	17.48		
50	QPSK	1	1	17.42	17.52	17.45	19.0	0.0
50	QPSK	1	135	17.49	17.53	17.49		
50	QPSK	1	268	17.51	17.58	17.50		
50	QPSK	135	0	17.49	17.48	17.44	19.0	0.0
50	QPSK	135	68	17.50	17.51	17.48	19.0	0.0
50	QPSK	135	135	17.48	17.50	17.44	19.0	0.0
50	QPSK	270	0	17.47	17.54	17.43		
50	16QAM	1	1	17.43	17.52	17.47	19.0	0.0
50	64QAM	1	1	17.46	17.50	17.43	19.0	0.0
50	256QAM	1	1	17.52	17.47	17.45	19.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.49	17.57	17.47	19.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.49	17.54	17.38	19.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.40	17.57	17.45	19.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.49	17.51	17.38	19.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.42	17.55	17.44	19.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.48	17.54	17.44	19.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.49	17.57	17.39	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.38	19.39	19.29	21.0	0.0
40	PI/2 BPSK	1	53	19.38	19.34	19.30		
40	PI/2 BPSK	1	104	19.31	19.38	19.31		
40	PI/2 BPSK	50	0	19.36	19.34	19.23	21.0	0.0
40	PI/2 BPSK	50	28	19.39	19.38	19.28	21.0	0.0
40	PI/2 BPSK	50	56	19.28	19.28	19.24	21.0	0.0
40	PI/2 BPSK	100	0	19.29	19.38	19.28		
40	QPSK	1	1	19.44	19.49	19.40	21.0	0.0
40	QPSK	1	53	19.31	19.46	19.36		
40	QPSK	1	104	19.41	19.41	19.29		
40	QPSK	50	0	19.36	19.29	19.23	21.0	0.0
40	QPSK	50	28	19.37	19.45	19.37	21.0	0.0
40	QPSK	50	56	19.34	19.30	19.30	21.0	0.0
40	QPSK	100	0	19.41	19.42	19.35		
40	16QAM	1	1	19.28	19.28	19.31	21.0	0.0
40	64QAM	1	1	19.29	19.32	19.31	21.0	0.0
40	256QAM	1	1	18.95	18.92	18.88	20.5	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.37	19.45	19.32	21.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.30	19.41	19.32	21.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.34	19.44	19.30	21.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.41	19.47	19.35	21.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.41	19.39	19.27	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.43	19.49	19.32	21.0	0.0
100	PI/2 BPSK	1	137	19.47	19.44	19.37		
100	PI/2 BPSK	1	271	19.36	19.46	19.33		
100	PI/2 BPSK	135	0	19.38	19.43	19.26	21.0	0.0
100	PI/2 BPSK	135	69	19.44	19.38	19.35	21.0	0.0
100	PI/2 BPSK	135	138	19.38	19.34	19.33	21.0	0.0
100	PI/2 BPSK	270	0	19.31	19.46	19.28		
100	QPSK	1	1	19.50	19.55	19.48	21.0	0.0
100	QPSK	1	137	19.31	19.50	19.42		
100	QPSK	1	271	19.47	19.47	19.33		
100	QPSK	135	0	19.38	19.30	19.32	21.0	0.0
100	QPSK	135	69	19.47	19.54	19.47	21.0	0.0
100	QPSK	135	138	19.41	19.36	19.37	21.0	0.0
100	QPSK	270	0	19.51	19.52	19.37		
100	16QAM	1	1	19.33	19.38	19.33	21.0	0.0
100	64QAM	1	1	19.33	19.41	19.37	21.0	0.0
100	256QAM	1	1	18.95	18.97	18.90	20.5	0.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.37	19.49	19.39	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.43	19.42	19.37	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.38	19.48	19.45	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.38	19.46	19.43	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.40	19.42	19.34	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.41	19.44	19.37	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.47	19.43	19.42	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.46	19.53	19.40	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.48	19.51	19.40	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	18.15	18.16	18.13	19.5	0.0
40	PI/2 BPSK	1	53	18.14	18.22	18.13		
40	PI/2 BPSK	1	104	18.13	18.21	18.18		
40	PI/2 BPSK	50	0	18.16	18.20	18.17	19.5	0.0
40	PI/2 BPSK	50	28	18.15	18.18	18.14	19.5	0.0
40	PI/2 BPSK	50	56	18.12	18.22	18.19	19.5	0.0
40	PI/2 BPSK	100	0	18.18	18.18	18.15		
40	QPSK	1	1	18.19	18.28	18.22	19.5	0.0
40	QPSK	1	53	18.17	18.19	18.11		
40	QPSK	1	104	18.19	18.21	18.15		
40	QPSK	50	0	18.22	18.23	18.20	18.5	1.0
40	QPSK	50	28	18.16	18.24	18.19	19.5	0.0
40	QPSK	50	56	18.20	18.22	18.20	18.5	1.0
40	QPSK	100	0	18.20	18.27	18.15		
40	16QAM	1	1	18.22	18.16	18.14	19.5	0.0
40	64QAM	1	1	16.73	16.73	16.69	18.0	1.5
40	256QAM	1	1	14.63	14.73	14.68	16.0	3.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.19	18.20	18.13	19.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	18.12	18.17	18.20	19.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.16	18.19	18.11	19.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	18.17	18.16	18.12	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.44	17.55	17.49	19.0	0.0
100	PI/2 BPSK	1	137	17.43	17.49	17.42		
100	PI/2 BPSK	1	271	17.46	17.50	17.42		
100	PI/2 BPSK	135	0	17.43	17.53	17.49	19.0	0.0
100	PI/2 BPSK	135	69	17.48	17.55	17.52	19.0	0.0
100	PI/2 BPSK	135	138	17.42	17.53	17.43	19.0	0.0
100	PI/2 BPSK	270	0	17.39	17.52	17.43		
100	QPSK	1	1	17.48	17.56	17.46	19.0	0.0
100	QPSK	1	137	17.42	17.52	17.48		
100	QPSK	1	271	17.45	17.51	17.45		
100	QPSK	135	0	17.45	17.52	17.44	18.0	1.0
100	QPSK	135	69	17.46	17.55	17.45	19.0	0.0
100	QPSK	135	138	17.45	17.53	17.48	18.0	1.0
100	QPSK	270	0	17.41	17.53	17.44		
100	16QAM	1	1	17.49	17.52	17.47	19.0	0.0
100	64QAM	1	1	17.44	17.49	17.47	19.0	0.0
100	256QAM	1	1	16.51	16.45	16.37	18.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	17.42	17.54	17.38	19.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	17.40	17.52	17.37	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	17.38	17.50	17.44	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	17.37	17.52	17.43	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	17.44	17.54	17.35	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	17.43	17.55	17.44	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	17.37	17.54	17.42	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	17.47	17.53	17.36	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.69		19.0	0.0
100	PI/2 BPSK	1	137		17.71			
100	PI/2 BPSK	1	271		17.65			
100	PI/2 BPSK	135	0		17.67		19.0	0.0
100	PI/2 BPSK	135	69		17.67		19.0	0.0
100	PI/2 BPSK	135	138		17.68		19.0	0.0
100	PI/2 BPSK	270	0		17.65			
100	QPSK	1	1		17.74		19.0	0.0
100	QPSK	1	137		17.71			
100	QPSK	1	271		17.63			
100	QPSK	135	0		17.65		18.0	1.0
100	QPSK	135	69		17.73		19.0	0.0
100	QPSK	135	138		17.63		18.0	1.0
100	QPSK	270	0		17.72			
100	16QAM	1	1		17.71		19.0	0.0
100	64QAM	1	1		17.72		19.0	0.0
100	256QAM	1	1		16.73		18.0	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	17.51	17.54	17.39	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	17.56	17.58	17.41	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	17.49	17.53	17.43	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	17.52	17.55	17.42	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	17.54	17.54	17.46	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	17.54	17.51	17.44	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	17.53	17.57	17.37	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	17.56	17.52	17.47	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.03		19.5	0.0
100	PI/2 BPSK	1	137		18.15			
100	PI/2 BPSK	1	271		18.02			
100	PI/2 BPSK	135	0		18.08		19.5	0.0
100	PI/2 BPSK	135	69		18.03		19.5	0.0
100	PI/2 BPSK	135	138		18.04		19.5	0.0
100	PI/2 BPSK	270	0		18.07			
100	QPSK	1	1		18.18		19.5	0.0
100	QPSK	1	137		18.10			
100	QPSK	1	271		18.03			
100	QPSK	135	0		18.02		18.5	1.0
100	QPSK	135	69		18.17		19.5	0.0
100	QPSK	135	138		18.01		18.5	1.0
100	QPSK	270	0		18.08			
100	16QAM	1	1		18.09		19.5	0.0
100	64QAM	1	1		18.06		19.5	0.0
100	256QAM	1	1		17.15		18.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	17.94	17.91	17.82	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	17.92	17.97	17.78	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.94	17.92	17.81	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	17.95	17.90	17.81	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	17.88	17.90	17.76	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.92	17.94	17.85	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	17.87	17.97	17.75	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	17.85	17.91	17.73	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	17.88	17.93	17.84	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	17.96	17.89	17.81	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.07		19.5	0.0
100	PI/2 BPSK	1	137		18.22			
100	PI/2 BPSK	1	271		18.16			
100	PI/2 BPSK	135	0		18.20		19.5	0.0
100	PI/2 BPSK	135	69		18.12		19.5	0.0
100	PI/2 BPSK	135	138		18.13		19.5	0.0
100	PI/2 BPSK	270	0		18.16			
100	QPSK	1	1		18.26		19.5	0.0
100	QPSK	1	137		18.23			
100	QPSK	1	271		18.14			
100	QPSK	135	0		18.13		18.5	1.0
100	QPSK	135	69		18.20		19.5	0.0
100	QPSK	135	138		18.08		18.5	1.0
100	QPSK	270	0		18.13			
100	16QAM	1	1		18.19		19.5	0.0
100	64QAM	1	1		18.17		19.5	0.0
100	256QAM	1	1		17.27		18.0	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.04	17.97	17.90	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	17.98	17.98	17.91	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.01	17.94	17.84	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.01	17.96	17.86	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	17.97	17.96	17.92	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	17.98	18.01	17.86	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.02	17.97	17.93	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.00	17.95	17.93	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.02	17.94	17.85	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	17.99	18.03	17.91	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.68	20.74	20.64	21.5	0.0
40	PI/2 BPSK	1	53	20.69	20.66	20.68		
40	PI/2 BPSK	1	104	20.67	20.68	20.63		
40	PI/2 BPSK	50	0	20.62	20.73	20.62	21.5	0.0
40	PI/2 BPSK	50	28	20.66	20.76	20.63	21.5	0.0
40	PI/2 BPSK	50	56	20.70	20.74	20.72	21.5	0.0
40	PI/2 BPSK	100	0	20.59	20.73	20.63		
40	QPSK	1	1	20.72	20.80	20.74	21.5	0.0
40	QPSK	1	53	20.65	20.72	20.70		
40	QPSK	1	104	20.64	20.69	20.70		
40	QPSK	50	0	20.58	20.70	20.65	21.5	0.0
40	QPSK	50	28	20.69	20.76	20.61	21.5	0.0
40	QPSK	50	56	20.65	20.70	20.68	21.5	0.0
40	QPSK	100	0	20.61	20.73	20.71		
40	16QAM	1	1	20.62	20.66	20.67	21.5	0.0
40	64QAM	1	1	20.70	20.71	20.69	21.5	0.0
40	256QAM	1	1	19.17	19.33	19.21	20.0	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.68	20.70	20.71	21.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.59	20.72	20.68	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.66	20.71	20.61	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.65	20.70	20.65	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.68	20.69	20.70	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.76	20.74	20.69	21.5	0.0
100	PI/2 BPSK	1	137	20.81	20.73	20.68		
100	PI/2 BPSK	1	271	20.77	20.75	20.67		
100	PI/2 BPSK	135	0	20.71	20.79	20.64	21.5	0.0
100	PI/2 BPSK	135	69	20.68	20.87	20.65	21.5	0.0
100	PI/2 BPSK	135	138	20.71	20.77	20.74	21.5	0.0
100	PI/2 BPSK	270	0	20.63	20.83	20.69		
100	QPSK	1	1	20.74	20.89	20.81	21.5	0.0
100	QPSK	1	137	20.74	20.82	20.75		
100	QPSK	1	271	20.66	20.75	20.74		
100	QPSK	135	0	20.59	20.75	20.73	21.5	0.0
100	QPSK	135	69	20.81	20.82	20.71	21.5	0.0
100	QPSK	135	138	20.73	20.72	20.71	21.5	0.0
100	QPSK	270	0	20.64	20.75	20.74		
100	16QAM	1	1	20.68	20.74	20.71	21.5	0.0
100	64QAM	1	1	20.71	20.79	20.77	21.5	0.0
100	256QAM	1	1	19.28	19.40	19.28	20.0	1.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	20.78	20.71	20.80	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	20.74	20.77	20.83	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.68	20.74	20.73	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	20.75	20.78	20.76	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.69	20.81	20.71	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.75	20.79	20.79	21.5	0.0
Channel				501204.00	518598.00	535998.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	20.74	20.76	20.80	21.5	0.0
Channel				500700.00	518598.00	536496.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.50	2592.99	2682.48		
15	QPSK	1	19	20.78	20.75	20.77	21.5	0.0
Channel				500202.00	518598.00	537000.00	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685.00		
10	QPSK	1	12	20.74	20.76	20.71	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	20.41	20.42	20.43	22.0	0.0
40	PI/2 BPSK	1	53	20.44	20.47	20.46		
40	PI/2 BPSK	1	104	20.35	20.48	20.39		
40	PI/2 BPSK	50	0	19.93	20.07	20.00	21.5	0.5
40	PI/2 BPSK	50	28	20.46	20.44	20.47	22.0	0.0
40	PI/2 BPSK	50	56	19.97	20.09	20.06	21.5	0.5
40	PI/2 BPSK	100	0	19.98	20.04	20.07		
40	QPSK	1	1	20.48	20.55	20.52	22.0	0.0
40	QPSK	1	53	20.40	20.44	20.48		
40	QPSK	1	104	20.45	20.51	20.47		
40	QPSK	50	0	19.97	20.07	19.97	22.0	0.0
40	QPSK	50	28	20.40	20.50	20.46	22.0	0.0
40	QPSK	50	56	19.98	20.06	20.05	22.0	0.0
40	QPSK	100	0	19.93	20.09	19.96		
40	16QAM	1	1	19.95	20.06	20.02	21.0	1.0
40	64QAM	1	1	17.98	18.10	18.05	19.5	2.5
40	256QAM	1	1	15.98	16.11	16.00	17.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.36	20.51	20.48	22.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	20.41	20.48	20.43	22.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.40	20.47	20.41	22.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	20.41	20.48	20.39	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.42	18.47	18.41	20.0	0.0
100	PI/2 BPSK	1	137	18.44	18.53	18.48		
100	PI/2 BPSK	1	271	18.47	18.51	18.44		
100	PI/2 BPSK	135	0	18.10	18.08	18.00	19.5	0.5
100	PI/2 BPSK	135	69	18.47	18.50	18.42	20.0	0.0
100	PI/2 BPSK	135	138	18.03	18.13	17.97	19.5	0.5
100	PI/2 BPSK	270	0	18.09	18.07	18.06		
100	QPSK	1	1	18.55	18.59	18.52	20.0	0.0
100	QPSK	1	137	18.44	18.50	18.47		
100	QPSK	1	271	18.42	18.47	18.40		
100	QPSK	135	0	17.54	17.54	17.51	19.0	1.0
100	QPSK	135	69	18.44	18.57	18.44	20.0	0.0
100	QPSK	135	138	17.52	17.59	17.54	19.0	1.0
100	QPSK	270	0	17.57	17.63	17.54		
100	16QAM	1	1	17.57	17.55	17.54	19.0	1.0
100	64QAM	1	1	16.02	16.10	16.03	17.5	2.5
100	256QAM	1	1	14.03	14.09	14.08	15.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	18.45	18.52	18.39	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	18.47	18.53	18.50	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	18.42	18.54	18.45	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	18.48	18.48	18.43	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	18.50	18.51	18.48	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	18.45	18.50	18.48	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	18.46	18.49	18.39	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	18.49	18.47	18.48	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.03	20.06	20.03	21.5	0.0
100	PI/2 BPSK	1	137	20.04	20.11	20.09		
100	PI/2 BPSK	1	271	20.11	20.13	20.06		
100	PI/2 BPSK	135	0	20.05	20.14	20.09	21.5	0.0
100	PI/2 BPSK	135	69	20.02	20.14	20.05	21.5	0.0
100	PI/2 BPSK	135	138	20.05	20.15	20.03	21.5	0.0
100	PI/2 BPSK	270	0	20.09	20.14	20.04		
100	QPSK	1	1	20.10	20.16	20.10	21.5	0.0
100	QPSK	1	137	20.10	20.11	20.09		
100	QPSK	1	271	20.08	20.10	20.01		
100	QPSK	135	0	20.09	20.14	20.08	20.5	1.0
100	QPSK	135	69	20.06	20.07	20.03	21.5	0.0
100	QPSK	135	138	20.09	20.10	20.06	20.5	1.0
100	QPSK	270	0	20.06	20.11	20.06		
100	16QAM	1	1	20.10	20.13	20.07	21.5	0.0
100	64QAM	1	1	19.06	19.08	19.01	20.5	1.0
100	256QAM	1	1	17.04	17.06	17.09	18.5	3.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	20.03	20.10	20.05	21.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	20.09	20.14	20.03	21.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	20.01	20.10	20.08	21.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	20.02	20.13	20.02	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	20.03	20.14	19.98	21.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	20.03	20.13	20.09	21.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	20.02	20.11	20.08	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	20.03	20.15	20.00	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.82		20.0	0.0
100	PI/2 BPSK	1	137		18.82			
100	PI/2 BPSK	1	271		18.80			
100	PI/2 BPSK	135	0		18.42		19.5	0.5
100	PI/2 BPSK	135	69		18.76		20.0	0.0
100	PI/2 BPSK	135	138		18.44		19.5	0.5
100	PI/2 BPSK	270	0		18.31			
100	QPSK	1	1		18.89		20.0	0.0
100	QPSK	1	137		18.85			
100	QPSK	1	271		18.77			
100	QPSK	135	0		17.90		19.0	1.0
100	QPSK	135	69		18.87		20.0	0.0
100	QPSK	135	138		17.91		19.0	1.0
100	QPSK	270	0		17.97			
100	16QAM	1	1		17.90		19.0	1.0
100	64QAM	1	1		16.42		17.5	2.5
100	256QAM	1	1		14.40		15.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.78	18.82	18.68	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.71	18.80	18.74	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.72	18.79	18.69	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.76	18.81	18.74	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.77	18.80	18.73	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.74	18.79	18.69	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.70	18.82	18.68	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.70	18.83	18.71	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.42		21.5	0.0
100	PI/2 BPSK	1	137		20.46			
100	PI/2 BPSK	1	271		20.46			
100	PI/2 BPSK	135	0		20.39		21.5	0.0
100	PI/2 BPSK	135	69		20.41		21.5	0.0
100	PI/2 BPSK	135	138		20.45		21.5	0.0
100	PI/2 BPSK	270	0		20.40			
100	QPSK	1	1		20.52		21.5	0.0
100	QPSK	1	137		20.50			
100	QPSK	1	271		20.43			
100	QPSK	135	0		20.46		20.5	1.0
100	QPSK	135	69		20.50		21.5	0.0
100	QPSK	135	138		20.45		20.5	1.0
100	QPSK	270	0		20.46			
100	16QAM	1	1		20.41		21.5	0.0
100	64QAM	1	1		19.43		20.5	1.0
100	256QAM	1	1		17.43		18.5	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	20.17	20.24	20.04	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	20.25	20.26	20.12	21.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	20.15	20.21	20.08	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	20.15	20.22	20.07	21.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	20.22	20.28	20.08	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	20.19	20.22	20.12	21.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	20.15	20.26	20.08	21.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	20.14	20.23	20.10	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.57		20.0	0.0
100	PI/2 BPSK	1	137		18.55			
100	PI/2 BPSK	1	271		18.58			
100	PI/2 BPSK	135	0		18.09		19.5	0.5
100	PI/2 BPSK	135	69		18.59		20.0	0.0
100	PI/2 BPSK	135	138		18.22		19.5	0.5
100	PI/2 BPSK	270	0		18.17			
100	QPSK	1	1		18.65		20.0	0.0
100	QPSK	1	137		18.59			
100	QPSK	1	271		18.56			
100	QPSK	135	0		17.57		19.0	1.0
100	QPSK	135	69		18.60		20.0	0.0
100	QPSK	135	138		17.60		19.0	1.0
100	QPSK	270	0		17.66			
100	16QAM	1	1		17.58		19.0	1.0
100	64QAM	1	1		16.15		17.5	2.5
100	256QAM	1	1		14.14		15.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	18.53	18.59	18.43	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	18.47	18.55	18.43	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	18.50	18.59	18.48	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	18.46	18.52	18.50	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	18.46	18.57	18.39	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.48	18.63	18.47	20.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	18.55	18.54	18.42	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	18.48	18.63	18.42	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	18.50	18.58	18.49	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	18.50	18.55	18.46	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.12		21.5	0.0
100	PI/2 BPSK	1	137		20.13			
100	PI/2 BPSK	1	271		20.16			
100	PI/2 BPSK	135	0		20.20		21.5	0.0
100	PI/2 BPSK	135	69		20.10		21.5	0.0
100	PI/2 BPSK	135	138		20.23		21.5	0.0
100	PI/2 BPSK	270	0		20.08			
100	QPSK	1	1		20.26		21.5	0.0
100	QPSK	1	137		20.16			
100	QPSK	1	271		20.20			
100	QPSK	135	0		20.15		21.5	0.0
100	QPSK	135	69		20.23		21.5	0.0
100	QPSK	135	138		20.17		21.5	0.0
100	QPSK	270	0		20.12			
100	16QAM	1	1		20.04		21.5	0.0
100	64QAM	1	1		19.07		20.5	1.0
100	256QAM	1	1		17.05		18.5	3.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	20.13	20.12	20.07	21.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	20.13	20.16	20.11	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	20.20	20.14	20.05	21.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	20.21	20.13	20.12	21.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	20.21	20.06	20.15	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	20.19	20.13	20.08	21.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	20.15	20.08	20.09	21.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	20.11	20.10	20.15	21.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	20.18	20.09	20.11	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	20.17	20.10	20.04	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.90		20.0	0.0
100	PI/2 BPSK	1	137		18.96			
100	PI/2 BPSK	1	271		18.98			
100	PI/2 BPSK	135	0		18.60		19.5	0.5
100	PI/2 BPSK	135	69		18.89		20.0	0.0
100	PI/2 BPSK	135	138		18.55		19.5	0.5
100	PI/2 BPSK	270	0		18.37			
100	QPSK	1	1		19.06		20.0	0.0
100	QPSK	1	137		18.93			
100	QPSK	1	271		18.87			
100	QPSK	135	0		17.98		19.0	1.0
100	QPSK	135	69		19.04		20.0	0.0
100	QPSK	135	138		18.04		19.0	1.0
100	QPSK	270	0		18.10			
100	16QAM	1	1		18.07		19.0	1.0
100	64QAM	1	1		16.56		17.5	2.5
100	256QAM	1	1		14.57		15.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.88	18.95	18.84	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.85	18.93	18.85	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.86	18.94	18.82	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.88	18.88	18.77	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.95	18.95	18.85	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.87	18.94	18.83	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.95	18.89	18.85	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.94	19.00	18.76	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.89	18.89	18.79	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.85	18.95	18.82	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.38		21.5	0.0
100	PI/2 BPSK	1	137		20.50			
100	PI/2 BPSK	1	271		20.34			
100	PI/2 BPSK	135	0		20.37		21.5	0.0
100	PI/2 BPSK	135	69		20.42		21.5	0.0
100	PI/2 BPSK	135	138		20.43		21.5	0.0
100	PI/2 BPSK	270	0		20.48			
100	QPSK	1	1		20.56		21.5	0.0
100	QPSK	1	137		20.47			
100	QPSK	1	271		20.41			
100	QPSK	135	0		20.44		20.5	1.0
100	QPSK	135	69		20.46		21.5	0.0
100	QPSK	135	138		20.34		20.5	1.0
100	QPSK	270	0		20.35			
100	16QAM	1	1		20.51		21.5	0.0
100	64QAM	1	1		19.47		20.5	1.0
100	256QAM	1	1		17.42		18.5	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	20.45	20.43	20.44	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	20.41	20.45	20.51	21.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	20.46	20.38	20.47	21.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	20.43	20.45	20.47	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	20.49	20.44	20.50	21.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	20.49	20.44	20.45	21.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	20.48	20.48	20.45	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	20.48	20.39	20.40	21.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	20.48	20.46	20.44	21.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	20.48	20.39	20.49	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.05	16.08	16.04	17.5	0.0
40	PI/2 BPSK	1	53	15.96	16.02	16.04		
40	PI/2 BPSK	1	104	16.06	16.07	16.05		
40	PI/2 BPSK	50	0	16.01	16.05	16.03	17.5	0.0
40	PI/2 BPSK	50	28	15.97	16.07	15.98	17.5	0.0
40	PI/2 BPSK	50	56	16.04	16.06	16.04	17.5	0.0
40	PI/2 BPSK	100	0	15.98	16.07	15.97		
40	QPSK	1	1	16.01	16.09	16.04	17.5	0.0
40	QPSK	1	53	15.98	16.02	16.02		
40	QPSK	1	104	15.96	16.06	16.05		
40	QPSK	50	0	15.98	16.07	16.04	17.5	0.0
40	QPSK	50	28	16.01	16.04	16.02	17.5	0.0
40	QPSK	50	56	15.99	16.03	16.01	17.5	0.0
40	QPSK	100	0	16.05	16.07	16.05		
40	16QAM	1	1	16.02	16.05	15.99	17.5	0.0
40	64QAM	1	1	16.06	16.06	16.04	17.5	0.0
40	256QAM	1	1	16.04	16.05	16.00	17.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.92	16.04	15.98	17.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	15.92	16.07	15.99	17.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.01	16.04	15.98	17.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.97	16.04	16.03	17.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.90	16.06	15.95	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.01	17.19	17.01	19.0	0.0
100	PI/2 BPSK	1	137	17.01	17.17	17.08		
100	PI/2 BPSK	1	271	17.06	17.15	17.06		
100	PI/2 BPSK	135	0	17.06	17.14	17.02	19.0	0.0
100	PI/2 BPSK	135	69	17.08	17.18	17.02	19.0	0.0
100	PI/2 BPSK	135	138	17.07	17.16	17.10	19.0	0.0
100	PI/2 BPSK	270	0	17.02	17.16	17.02		
100	QPSK	1	1	17.10	17.22	17.08	19.0	0.0
100	QPSK	1	137	17.03	17.19	17.12		
100	QPSK	1	271	17.03	17.15	17.03		
100	QPSK	135	0	17.05	17.18	17.07	19.0	0.0
100	QPSK	135	69	17.08	17.19	17.11	19.0	0.0
100	QPSK	135	138	17.01	17.13	17.02	19.0	0.0
100	QPSK	270	0	17.10	17.20	17.12		
100	16QAM	1	1	17.10	17.20	17.07	19.0	0.0
100	64QAM	1	1	17.10	17.21	17.07	19.0	0.0
100	256QAM	1	1	17.04	17.15	17.10	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.06	17.18	16.98	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.04	17.19	17.02	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.05	17.20	17.04	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.03	17.19	17.07	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.99	17.16	17.05	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.05	17.21	17.06	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.02	17.19	16.96	19.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.06	17.17	16.97	19.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.01	17.17	17.00	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	20.90	20.95	21.00	22.5	0.0
40	PI/2 BPSK	1	53	20.92	21.04	20.98		
40	PI/2 BPSK	1	104	20.97	20.94	20.98		
40	PI/2 BPSK	50	0	20.96	20.94	20.96	22.5	0.0
40	PI/2 BPSK	50	28	20.90	20.95	21.00	22.5	0.0
40	PI/2 BPSK	50	56	20.88	20.96	20.94	22.5	0.0
40	PI/2 BPSK	100	0	20.88	21.04	20.97		
40	QPSK	1	1	21.02	21.07	21.06	22.5	0.0
40	QPSK	1	53	20.97	21.03	21.01		
40	QPSK	1	104	20.95	21.04	20.95		
40	QPSK	50	0	20.85	20.91	20.85	22.5	0.0
40	QPSK	50	28	20.95	21.02	20.96	22.5	0.0
40	QPSK	50	56	20.93	20.94	20.88	22.5	0.0
40	QPSK	100	0	20.92	20.99	20.87		
40	16QAM	1	1	20.91	20.95	21.01	22.5	0.0
40	64QAM	1	1	20.85	20.89	20.84	22.5	0.0
40	256QAM	1	1	19.92	20.01	19.95	21.5	1.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.91	20.99	20.97	22.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	20.90	20.95	20.95	22.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.97	20.95	20.93	22.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	20.90	20.99	21.01	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.59	20.62	20.50	22.0	0.0
100	PI/2 BPSK	1	137	20.52	20.61	20.53		
100	PI/2 BPSK	1	271	20.60	20.68	20.53		
100	PI/2 BPSK	135	0	20.62	20.64	20.50	22.0	0.0
100	PI/2 BPSK	135	69	20.60	20.65	20.53	22.0	0.0
100	PI/2 BPSK	135	138	20.52	20.63	20.57	22.0	0.0
100	PI/2 BPSK	270	0	20.57	20.64	20.59		
100	QPSK	1	1	20.65	20.69	20.63	22.0	0.0
100	QPSK	1	137	20.59	20.61	20.51		
100	QPSK	1	271	20.63	20.61	20.51		
100	QPSK	135	0	20.52	20.58	20.57	22.0	0.0
100	QPSK	135	69	20.54	20.64	20.61	22.0	0.0
100	QPSK	135	138	20.61	20.60	20.52	22.0	0.0
100	QPSK	270	0	20.56	20.60	20.52		
100	16QAM	1	1	20.61	20.58	20.50	22.0	0.0
100	64QAM	1	1	20.57	20.58	20.58	22.0	0.0
100	256QAM	1	1	20.54	20.55	20.53	22.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	20.56	20.64	20.49	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	20.61	20.62	20.50	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	20.53	20.65	20.51	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	20.59	20.64	20.54	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	20.56	20.56	20.58	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	20.60	20.59	20.59	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	20.59	20.55	20.60	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	20.53	20.58	20.57	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.58		22.0	0.0
100	PI/2 BPSK	1	137		20.60			
100	PI/2 BPSK	1	271		20.61			
100	PI/2 BPSK	135	0		20.62		22.0	0.0
100	PI/2 BPSK	135	69		20.64		22.0	0.0
100	PI/2 BPSK	135	138		20.55		22.0	0.0
100	PI/2 BPSK	270	0		20.58			
100	QPSK	1	1		20.68		22.0	0.0
100	QPSK	1	137		20.54			
100	QPSK	1	271		20.53			
100	QPSK	135	0		20.54		21.0	1.0
100	QPSK	135	69		20.57		22.0	0.0
100	QPSK	135	138		20.52		21.0	1.0
100	QPSK	270	0		20.55			
100	16QAM	1	1		20.53		22.0	0.0
100	64QAM	1	1		20.53		22.0	0.0
100	256QAM	1	1		20.53		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	20.47	20.54	20.47	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	20.53	20.64	20.39	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	20.56	20.56	20.48	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	20.53	20.57	20.40	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	20.52	20.58	20.49	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	20.52	20.57	20.44	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	20.53	20.64	20.43	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	20.51	20.57	20.49	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.63		21.0	0.0
100	PI/2 BPSK	1	137		19.64			
100	PI/2 BPSK	1	271		19.58			
100	PI/2 BPSK	135	0		19.60		21.0	0.0
100	PI/2 BPSK	135	69		19.61		21.0	0.0
100	PI/2 BPSK	135	138		19.54		21.0	0.0
100	PI/2 BPSK	270	0		19.53			
100	QPSK	1	1		19.73		21.0	0.0
100	QPSK	1	137		19.58			
100	QPSK	1	271		19.57			
100	QPSK	135	0		19.55		20.0	1.0
100	QPSK	135	69		19.59		21.0	0.0
100	QPSK	135	138		19.57		20.0	1.0
100	QPSK	270	0		19.53			
100	16QAM	1	1		19.49		21.0	0.0
100	64QAM	1	1		19.51		21.0	0.0
100	256QAM	1	1		19.56		21.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	19.46	19.56	19.42	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	19.42	19.59	19.51	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	19.44	19.54	19.52	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	19.45	19.57	19.47	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	19.42	19.51	19.47	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.47	19.59	19.49	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	19.43	19.59	19.46	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	19.52	19.50	19.52	21.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	19.41	19.59	19.53	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	19.46	19.56	19.52	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.53		21.0	0.0
100	PI/2 BPSK	1	137		19.51			
100	PI/2 BPSK	1	271		19.44			
100	PI/2 BPSK	135	0		19.50		21.0	0.0
100	PI/2 BPSK	135	69		19.58		21.0	0.0
100	PI/2 BPSK	135	138		19.51		21.0	0.0
100	PI/2 BPSK	270	0		19.39			
100	QPSK	1	1		19.61		21.0	0.0
100	QPSK	1	137		19.54			
100	QPSK	1	271		19.45			
100	QPSK	135	0		19.46		20.0	1.0
100	QPSK	135	69		19.51		21.0	0.0
100	QPSK	135	138		19.44		20.0	1.0
100	QPSK	270	0		19.40			
100	16QAM	1	1		19.41		21.0	0.0
100	64QAM	1	1		19.45		21.0	0.0
100	256QAM	1	1		19.47		21.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	19.37	19.53	19.37	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	19.39	19.49	19.35	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	19.39	19.45	19.31	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	19.38	19.48	19.34	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	19.38	19.50	19.28	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	19.37	19.43	19.39	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	19.34	19.52	19.37	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	19.39	19.53	19.38	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	19.43	19.54	19.32	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	19.33	19.52	19.33	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.32	15.38	15.31	17.0	0.0
40	PI/2 BPSK	1	53	15.27	15.36	15.27		
40	PI/2 BPSK	1	104	15.30	15.33	15.33		
40	PI/2 BPSK	50	0	15.33	15.36	15.34	17.0	0.0
40	PI/2 BPSK	50	28	15.30	15.33	15.27	17.0	0.0
40	PI/2 BPSK	50	56	15.27	15.34	15.37	17.0	0.0
40	PI/2 BPSK	100	0	15.27	15.32	15.33		
40	QPSK	1	1	15.35	15.40	15.38	17.0	0.0
40	QPSK	1	53	15.33	15.37	15.28		
40	QPSK	1	104	15.29	15.36	15.32		
40	QPSK	50	0	15.32	15.35	15.31	17.0	0.0
40	QPSK	50	28	15.33	15.39	15.34	17.0	0.0
40	QPSK	50	56	15.33	15.36	15.26	17.0	0.0
40	QPSK	100	0	15.32	15.38	15.33		
40	16QAM	1	1	15.35	15.37	15.29	17.0	0.0
40	64QAM	1	1	15.34	15.37	15.35	17.0	0.0
40	256QAM	1	1	13.86	13.86	13.82	15.5	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.28	15.35	15.28	17.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	15.30	15.36	15.29	17.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.34	15.36	15.27	17.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.23	15.38	15.36	17.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.24	15.35	15.35	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.46	15.51	15.31	17.0	0.0
100	PI/2 BPSK	1	137	15.43	15.47	15.36		
100	PI/2 BPSK	1	271	15.41	15.50	15.36		
100	PI/2 BPSK	135	0	15.45	15.43	15.29	17.0	0.0
100	PI/2 BPSK	135	69	15.41	15.45	15.37	17.0	0.0
100	PI/2 BPSK	135	138	15.46	15.42	15.30	17.0	0.0
100	PI/2 BPSK	270	0	15.46	15.51	15.30		
100	QPSK	1	1	15.48	15.53	15.39	17.0	0.0
100	QPSK	1	137	15.45	15.50	15.38		
100	QPSK	1	271	15.48	15.51	15.35		
100	QPSK	135	0	15.46	15.46	15.37	17.0	0.0
100	QPSK	135	69	15.48	15.51	15.38	17.0	0.0
100	QPSK	135	138	15.44	15.46	15.37	17.0	0.0
100	QPSK	270	0	15.47	15.50	15.35		
100	16QAM	1	1	15.40	15.46	15.35	17.0	0.0
100	64QAM	1	1	15.48	15.51	15.38	17.0	0.0
100	256QAM	1	1	13.91	13.92	13.92	15.5	1.5
Channel				506200	518598	526996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	15.43	15.52	15.39	17.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	15.43	15.50	15.37	17.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	15.42	15.51	15.37	17.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	15.45	15.52	15.32	17.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	15.40	15.51	15.27	17.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	15.38	15.47	15.31	17.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	15.43	15.48	15.35	17.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	15.43	15.50	15.32	17.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	15.38	15.51	15.32	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3680		
40	PI/2 BPSK	1	1	20.86	20.93	20.87	22.5	0.0
40	PI/2 BPSK	1	53	20.88	20.94	20.91		
40	PI/2 BPSK	1	104	20.82	20.88	20.90		
40	PI/2 BPSK	50	0	20.80	20.91	20.89	22.5	0.0
40	PI/2 BPSK	50	28	20.85	20.89	20.89	22.5	0.0
40	PI/2 BPSK	50	56	20.82	20.94	20.85	22.5	0.0
40	PI/2 BPSK	100	0	20.91	20.93	20.91		
40	QPSK	1	1	20.92	20.95	20.88	22.5	0.0
40	QPSK	1	53	20.86	20.92	20.88		
40	QPSK	1	104	20.92	20.93	20.91		
40	QPSK	50	0	20.87	20.93	20.88	22.5	0.0
40	QPSK	50	28	20.91	20.94	20.90	22.5	0.0
40	QPSK	50	56	20.91	20.88	20.85	22.5	0.0
40	QPSK	100	0	20.84	20.90	20.88		
40	16QAM	1	1	20.80	20.92	20.89	22.5	0.0
40	64QAM	1	1	20.33	20.41	20.44	22.0	0.5
40	256QAM	1	1	18.41	18.46	18.45	20.0	2.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.82	20.91	20.78	22.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690.00		
20	QPSK	1	1	20.83	20.93	20.79	22.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.90	20.89	20.85	22.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3695		
10	QPSK	1	1	20.80	20.92	20.78	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.06	17.10	17.02	18.5	0.0
100	PI/2 BPSK	1	137	17.00	17.13	17.09		
100	PI/2 BPSK	1	271	17.05	17.16	17.05		
100	PI/2 BPSK	135	0	17.01	17.16	17.05	18.5	0.0
100	PI/2 BPSK	135	69	16.99	17.13	17.03	18.5	0.0
100	PI/2 BPSK	135	138	17.07	17.14	17.02	18.5	0.0
100	PI/2 BPSK	270	0	17.00	17.07	17.10		
100	QPSK	1	1	17.08	17.18	17.10	18.5	0.0
100	QPSK	1	137	16.98	17.14	17.05		
100	QPSK	1	271	16.99	17.07	17.11		
100	QPSK	135	0	17.06	17.10	17.01	18.5	0.0
100	QPSK	135	69	17.08	17.12	17.06	18.5	0.0
100	QPSK	135	138	17.06	17.09	17.04	18.5	0.0
100	QPSK	270	0	17.05	17.15	17.07		
100	16QAM	1	1	16.99	17.08	17.07	18.5	0.0
100	64QAM	1	1	17.03	17.07	17.02	18.5	0.0
100	256QAM	1	1	17.03	17.16	17.09	18.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	17.01	17.11	17.01	18.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	17.06	17.18	17.00	18.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	17.02	17.13	17.10	18.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	17.06	17.10	17.06	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	17.05	17.16	17.03	18.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	16.99	17.14	17.09	18.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	17.02	17.09	17.04	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	16.97	17.17	17.09	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.32		18.5	0.0
100	PI/2 BPSK	1	137		17.31			
100	PI/2 BPSK	1	271		17.33			
100	PI/2 BPSK	135	0		17.29		18.5	0.0
100	PI/2 BPSK	135	69		17.30		18.5	0.0
100	PI/2 BPSK	135	138		17.32		18.5	0.0
100	PI/2 BPSK	270	0		17.34			
100	QPSK	1	1		17.36		18.5	0.0
100	QPSK	1	137		17.33			
100	QPSK	1	271		17.34			
100	QPSK	135	0		17.26		18.5	0.0
100	QPSK	135	69		17.30		18.5	0.0
100	QPSK	135	138		17.26		18.5	0.0
100	QPSK	270	0		17.32			
100	16QAM	1	1		17.34		18.5	0.0
100	64QAM	1	1		17.35		18.5	0.0
100	256QAM	1	1		17.32		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	17.08	17.26	16.97	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	17.02	17.28	16.95	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	17.05	17.22	16.96	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	17.06	17.24	17.00	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	17.06	17.23	17.00	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	17.09	17.23	17.03	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	17.07	17.29	16.96	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	17.10	17.25	16.98	18.5	0.0

Part27O n78 PC2&3 Ant 7 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.01		19.5	0.0
100	PI/2 BPSK	1	137		18.00			
100	PI/2 BPSK	1	271		18.02			
100	PI/2 BPSK	135	0		17.91		19.5	0.0
100	PI/2 BPSK	135	69		17.97		19.5	0.0
100	PI/2 BPSK	135	138		18.01		19.5	0.0
100	PI/2 BPSK	270	0		17.91			
100	QPSK	1	1		18.03		19.5	0.0
100	QPSK	1	137		17.93			
100	QPSK	1	271		17.93			
100	QPSK	135	0		17.92		19.5	0.0
100	QPSK	135	69		17.98		19.5	0.0
100	QPSK	135	138		17.97		19.5	0.0
100	QPSK	270	0		18.00			
100	16QAM	1	1		17.99		19.5	0.0
100	64QAM	1	1		17.92		19.5	0.0
100	256QAM	1	1		17.97		19.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	17.85	17.89	17.83	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	17.79	17.85	17.75	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.80	17.88	17.76	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	17.75	17.93	17.84	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	17.77	17.84	17.78	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.82	17.84	17.80	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	17.81	17.87	17.81	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	17.82	17.91	17.75	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	17.83	17.89	17.79	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	17.83	17.92	17.83	19.5	0.0

Part27Q 78 PC2&3 Ant 7 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.38		19.5	0.0
100	PI/2 BPSK	1	137		18.39			
100	PI/2 BPSK	1	271		18.41			
100	PI/2 BPSK	135	0		18.40		19.5	0.0
100	PI/2 BPSK	135	69		18.38		19.5	0.0
100	PI/2 BPSK	135	138		18.35		19.5	0.0
100	PI/2 BPSK	270	0		18.34			
100	QPSK	1	1		18.42		19.5	0.0
100	QPSK	1	137		18.41			
100	QPSK	1	271		18.37			
100	QPSK	135	0		18.34		19.5	0.0
100	QPSK	135	69		18.40		19.5	0.0
100	QPSK	135	138		18.37		19.5	0.0
100	QPSK	270	0		18.39			
100	16QAM	1	1		18.38		19.5	0.0
100	64QAM	1	1		18.36		19.5	0.0
100	256QAM	1	1		18.37		19.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	18.06	18.18	17.96	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.04	18.17	18.01	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	18.14	18.10	18.07	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	18.11	18.21	18.01	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.13	18.20	18.04	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	18.07	18.13	18.02	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	18.11	18.17	17.96	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.13	18.10	17.96	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	18.07	18.17	17.95	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	18.15	18.16	17.96	19.5	0.0

Par27O n77 PC2&3 Ant 5 DSI 4 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.44	19.46	19.31	21.0	0.0
100	PI/2 BPSK	1	137	19.32	19.42	19.32		
100	PI/2 BPSK	1	271	19.37	19.45	19.31		
100	PI/2 BPSK	135	0	19.40	19.46	19.35	21.0	0.0
100	PI/2 BPSK	135	69	19.40	19.46	19.30	21.0	0.0
100	PI/2 BPSK	135	138	19.28	19.37	19.36	21.0	0.0
100	PI/2 BPSK	270	0	19.37	19.43	19.38		
100	QPSK	1	1	19.44	19.47	19.45	21.0	0.0
100	QPSK	1	137	19.40	19.44	19.31		
100	QPSK	1	271	19.41	19.43	19.29		
100	QPSK	135	0	19.34	19.33	19.40	21.0	0.0
100	QPSK	135	69	19.40	19.43	19.41	21.0	0.0
100	QPSK	135	138	19.36	19.36	19.37	21.0	0.0
100	QPSK	270	0	19.40	19.42	19.36		
100	16QAM	1	1	19.35	19.38	19.34	21.0	0.0
100	64QAM	1	1	19.38	19.43	19.40	21.0	0.0
100	256QAM	1	1	19.28	19.35	19.27	21.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	19.37	19.42	19.38	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	19.46	19.42	19.40	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	19.36	19.46	19.43	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	19.40	19.43	19.46	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	19.36	19.44	19.43	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	19.35	19.45	19.36	21.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	19.42	19.42	19.46	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	19.46	19.44	19.40	21.0	0.0

Reduced Power Mode for Main PA DSI4 ENDC

Part27Q n77 PC2&3 Ant 5 DSI 4 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.44		21.0	0.0
100	PI/2 BPSK	1	137		19.40			
100	PI/2 BPSK	1	271		19.43			
100	PI/2 BPSK	135	0		19.45		21.0	0.0
100	PI/2 BPSK	135	69		19.45		21.0	0.0
100	PI/2 BPSK	135	138		19.34		21.0	0.0
100	PI/2 BPSK	270	0		19.44			
100	QPSK	1	1		19.46		21.0	0.0
100	QPSK	1	137		19.40			
100	QPSK	1	271		19.33			
100	QPSK	135	0		19.40		21.0	0.0
100	QPSK	135	69		19.41		21.0	0.0
100	QPSK	135	138		19.38		21.0	0.0
100	QPSK	270	0		19.38			
100	16QAM	1	1		19.29		21.0	0.0
100	64QAM	1	1		19.34		21.0	0.0
100	256QAM	1	1		19.27		21.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	19.38	19.40	19.24	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	19.31	19.40	19.15	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	19.38	19.40	19.24	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	19.36	19.41	19.16	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	19.33	19.39	19.14	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	19.31	19.44	19.17	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	19.35	19.44	19.17	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	19.36	19.44	19.24	21.0	0.0

Part27O n78 PC2&3 Ant 5 DSI 4 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.41		20.0	0.0
100	PI/2 BPSK	1	137		19.47			
100	PI/2 BPSK	1	271		19.41			
100	PI/2 BPSK	135	0		19.42		20.0	0.0
100	PI/2 BPSK	135	69		19.42		20.0	0.0
100	PI/2 BPSK	135	138		19.33		20.0	0.0
100	PI/2 BPSK	270	0		19.35			
100	QPSK	1	1		19.53		20.0	0.0
100	QPSK	1	137		19.40			
100	QPSK	1	271		19.32			
100	QPSK	135	0		19.36		20.0	0.0
100	QPSK	135	69		19.42		20.0	0.0
100	QPSK	135	138		19.31		20.0	0.0
100	QPSK	270	0		19.38			
100	16QAM	1	1		19.37		20.0	0.0
100	64QAM	1	1		19.38		20.0	0.0
100	256QAM	1	1		19.38		20.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	19.31	19.47	19.34	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	19.35	19.47	19.36	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	19.35	19.49	19.29	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	19.41	19.47	19.32	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	19.40	19.50	19.33	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.34	19.42	19.30	20.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	19.42	19.51	19.27	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	19.32	19.46	19.36	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	19.34	19.50	19.27	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	19.33	19.52	19.26	20.0	0.0

Part27Q n78 PC2&3 Ant 5 DSI 4 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.43		20.0	0.0
100	PI/2 BPSK	1	137		19.40			
100	PI/2 BPSK	1	271		19.37			
100	PI/2 BPSK	135	0		19.45		20.0	0.0
100	PI/2 BPSK	135	69		19.49		20.0	0.0
100	PI/2 BPSK	135	138		19.47		20.0	0.0
100	PI/2 BPSK	270	0		19.31			
100	QPSK	1	1		19.52		20.0	0.0
100	QPSK	1	137		19.43			
100	QPSK	1	271		19.40			
100	QPSK	135	0		19.39		20.0	0.0
100	QPSK	135	69		19.44		20.0	0.0
100	QPSK	135	138		19.27		20.0	0.0
100	QPSK	270	0		19.38			
100	16QAM	1	1		19.32		20.0	0.0
100	64QAM	1	1		19.38		20.0	0.0
100	256QAM	1	1		19.38		20.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	123	19.25	19.43	19.27	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	19.30	19.42	19.33	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	95	19.33	19.42	19.29	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	19.23	19.44	19.28	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	19.32	19.46	19.29	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	19.28	19.47	19.32	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	19.26	19.47	19.27	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	19.33	19.48	19.32	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	19	19.29	19.46	19.26	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	12	19.21	19.47	19.28	20.0	0.0

Full & Default Power_Other PA

n2 other PA Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.98	22.99	22.94	24.5	0.0
20	PI/2 BPSK	1	53	22.96	22.98	23.03		
20	PI/2 BPSK	1	104	23.03	23.00	23.00		
20	PI/2 BPSK	50	0	22.57	22.63	22.51	24.0	0.5
20	PI/2 BPSK	50	28	22.96	23.02	22.92	24.5	0.0
20	PI/2 BPSK	50	56	22.60	22.56	22.52	24.0	0.5
20	PI/2 BPSK	100	0	22.54	22.58	22.56		
20	QPSK	1	1	23.08	23.11	23.05	24.5	0.0
20	QPSK	1	53	23.01	23.05	22.97		
20	QPSK	1	104	23.01	23.04	23.02		
20	QPSK	50	0	22.08	22.09	22.01	23.5	1.0
20	QPSK	50	28	23.02	23.07	22.99	24.5	0.0
20	QPSK	50	56	22.11	22.06	22.06	23.5	1.0
20	QPSK	100	0	22.07	22.13	22.06		
20	16QAM	1	1	22.08	22.06	22.03	23.5	1.0
20	64QAM	1	1	20.58	20.64	20.61	22.0	2.5
20	256QAM	1	1	18.54	18.61	18.53	20.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.02	22.98	22.92	24.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.00	23.05	22.92	24.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.95	22.98	23.01	24.5	0.0

n7 other PA Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.97	22.90	22.92	24.5	0.0
50	PI/2 BPSK	1	135	22.88	22.96	22.93		
50	PI/2 BPSK	1	268	23.01	22.96	22.89		
50	PI/2 BPSK	135	0	22.49	22.55	22.44	24.0	0.5
50	PI/2 BPSK	135	68	22.93	22.92	22.80	24.5	0.0
50	PI/2 BPSK	135	135	22.59	22.46	22.48	24.0	0.5
50	PI/2 BPSK	270	0	22.51	22.46	22.46		
50	QPSK	1	1	22.98	22.96	22.96	24.5	0.0
50	QPSK	1	135	22.99	22.94	22.93		
50	QPSK	1	268	22.99	23.08	22.97		
50	QPSK	135	0	22.07	22.00	21.90	23.5	1.0
50	QPSK	135	68	23.01	23.05	22.88	24.5	0.0
50	QPSK	135	135	22.11	21.96	21.96	23.5	1.0
50	QPSK	270	0	22.02	22.06	21.99		
50	16QAM	1	1	22.00	22.01	22.02	23.5	1.0
50	64QAM	1	1	20.49	20.54	20.51	22.0	2.5
50	256QAM	1	1	18.44	18.61	18.42	20.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.96	22.92	22.87	24.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.91	22.96	22.92	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.00	22.88	22.84	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.91	22.89	22.91	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.93	22.86	22.91	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.92	22.94	22.81	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.94	22.90	22.81	24.5	0.0

n66 other PA Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.05	22.88	22.93	24.5	0.0
40	PI/2 BPSK	1	108	22.91	23.04	22.90		
40	PI/2 BPSK	1	214	23.10	23.00	22.87		
40	PI/2 BPSK	108	0	22.47	22.58	22.53	24.0	0.5
40	PI/2 BPSK	108	54	22.93	22.94	22.87	24.5	0.0
40	PI/2 BPSK	108	108	22.57	22.44	22.51	24.0	0.5
40	PI/2 BPSK	216	0	22.59	22.54	22.43		
40	QPSK	1	1	23.01	23.15	23.04	24.5	0.0
40	QPSK	1	108	22.97	22.94	22.91		
40	QPSK	1	214	22.98	22.97	22.94		
40	QPSK	108	0	22.06	22.08	21.92	23.5	1.0
40	QPSK	108	54	23.06	23.12	22.90	24.5	0.0
40	QPSK	108	108	22.01	22.04	22.00	23.5	1.0
40	QPSK	216	0	22.02	22.19	22.00		
40	16QAM	1	1	22.01	22.09	22.02	23.5	1.0
40	64QAM	1	1	20.51	20.60	20.59	22.0	2.5
40	256QAM	1	1	18.49	18.68	18.44	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.07	23.03	22.99	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.02	23.07	23.01	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.02	23.06	22.90	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.04	23.04	22.90	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.01	23.01	22.93	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.09	22.96	22.90	24.5	0.0

Reduced Power Mode for Other PA DSI1

n2 other PA Ant 2 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.58	17.61	17.54	19.0	0.0
20	PI/2 BPSK	1	53	17.59	17.58	17.57		
20	PI/2 BPSK	1	104	17.63	17.59	17.50		
20	PI/2 BPSK	50	0	17.59	17.61	17.55	19.0	0.0
20	PI/2 BPSK	50	28	17.55	17.61	17.50	19.0	0.0
20	PI/2 BPSK	50	56	17.56	17.62	17.56	19.0	0.0
20	PI/2 BPSK	100	0	17.58	17.59	17.49		
20	QPSK	1	1	17.62	17.64	17.54	19.0	0.0
20	QPSK	1	53	17.56	17.62	17.56		
20	QPSK	1	104	17.53	17.60	17.53		
20	QPSK	50	0	17.57	17.60	17.52	19.0	0.0
20	QPSK	50	28	17.55	17.61	17.57	19.0	0.0
20	QPSK	50	56	17.54	17.55	17.53	19.0	0.0
20	QPSK	100	0	17.60	17.63	17.51		
20	16QAM	1	1	17.57	17.62	17.55	19.0	0.0
20	64QAM	1	1	17.57	17.60	17.60	19.0	0.0
20	256QAM	1	1	17.56	17.61	17.50	19.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.51	17.62	17.54	19.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.61	17.60	17.49	19.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.51	17.63	17.45	19.0	0.0

n7 other PA Ant 2 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.46	22.52	22.37	24.0	0.0
50	PI/2 BPSK	1	135	22.37	22.41	22.47		
50	PI/2 BPSK	1	268	22.48	22.50	22.38		
50	PI/2 BPSK	135	0	22.49	22.55	22.44	24.0	0.0
50	PI/2 BPSK	135	68	22.45	22.46	22.32	24.0	0.0
50	PI/2 BPSK	135	135	22.59	22.46	22.48	24.0	0.0
50	PI/2 BPSK	270	0	22.51	22.46	22.46		
50	QPSK	1	1	22.51	22.41	22.42	24.0	0.0
50	QPSK	1	135	22.46	22.47	22.43		
50	QPSK	1	268	22.44	22.60	22.48		
50	QPSK	135	0	22.07	22.00	21.90	23.5	0.5
50	QPSK	135	68	22.52	22.54	22.37	24.0	0.0
50	QPSK	135	135	22.11	21.96	21.96	23.5	0.5
50	QPSK	270	0	22.02	22.06	21.99		
50	16QAM	1	1	22.00	22.01	22.02	23.5	0.5
50	64QAM	1	1	20.49	20.54	20.51	22.0	2.0
50	256QAM	1	1	18.44	18.61	18.42	20.0	4.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.36	22.52	22.46	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.36	22.52	22.39	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.39	22.54	22.37	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.39	22.57	22.41	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.42	22.57	22.47	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.34	22.59	22.39	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.43	22.53	22.44	24.0	0.0

n66 other PA Ant 2 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.05	22.88	22.93	24.5	0.0
40	PI/2 BPSK	1	108	22.91	23.04	22.90		
40	PI/2 BPSK	1	214	23.10	23.00	22.87		
40	PI/2 BPSK	108	0	22.47	22.58	22.53	24.0	0.5
40	PI/2 BPSK	108	54	22.93	22.94	22.87	24.5	0.0
40	PI/2 BPSK	108	108	22.57	22.44	22.51	24.0	0.5
40	PI/2 BPSK	216	0	22.59	22.54	22.43		
40	QPSK	1	1	23.01	23.15	23.04	24.5	0.0
40	QPSK	1	108	22.97	22.94	22.91		
40	QPSK	1	214	22.98	22.97	22.94		
40	QPSK	108	0	22.06	22.08	21.92	23.5	1.0
40	QPSK	108	54	23.06	23.12	22.90	24.5	0.0
40	QPSK	108	108	22.01	22.04	22.00	23.5	1.0
40	QPSK	216	0	22.02	22.19	22.00		
40	16QAM	1	1	22.01	22.09	22.02	23.5	1.0
40	64QAM	1	1	20.51	20.60	20.59	22.0	2.5
40	256QAM	1	1	18.49	18.68	18.44	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.07	23.03	22.99	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.02	23.07	23.01	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.02	23.06	22.90	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.04	23.04	22.90	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.01	23.01	22.93	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.09	22.96	22.90	24.5	0.0

Reduced Power Mode for Other PA DSI1 ENDC

n66 other PA Ant 2 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.53	20.68	20.49	22.0	0.0
40	PI/2 BPSK	1	108	20.53	20.68	20.57		
40	PI/2 BPSK	1	214	20.55	20.66	20.55		
40	PI/2 BPSK	108	0	20.48	20.59	20.56	22.0	0.0
40	PI/2 BPSK	108	54	20.49	20.60	20.56	22.0	0.0
40	PI/2 BPSK	108	108	20.51	20.60	20.60	22.0	0.0
40	PI/2 BPSK	216	0	20.46	20.66	20.53		
40	QPSK	1	1	20.58	20.69	20.59	22.0	0.0
40	QPSK	1	108	20.55	20.66	20.52		
40	QPSK	1	214	20.49	20.64	20.51		
40	QPSK	108	0	20.50	20.64	20.54	22.0	0.0
40	QPSK	108	54	20.54	20.65	20.59	22.0	0.0
40	QPSK	108	108	20.50	20.61	20.52	22.0	0.0
40	QPSK	216	0	20.53	20.62	20.56		
40	16QAM	1	1	20.45	20.65	20.57	22.0	0.0
40	64QAM	1	1	20.51	20.60	20.59	22.0	0.0
40	256QAM	1	1	18.49	18.68	18.44	20.0	2.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.51	20.60	20.58	22.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.55	20.64	20.52	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.51	20.66	20.49	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.57	20.61	20.58	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.50	20.60	20.49	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.48	20.66	20.48	22.0	0.0

Reduced Power Mode for Other PA DSI2

n2 other PA Ant 2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.54	18.60	18.58	20.0	0.0
20	PI/2 BPSK	1	53	18.55	18.60	18.52		
20	PI/2 BPSK	1	104	18.57	18.62	18.56		
20	PI/2 BPSK	50	0	18.52	18.56	18.49	20.0	0.0
20	PI/2 BPSK	50	28	18.62	18.62	18.50	20.0	0.0
20	PI/2 BPSK	50	56	18.58	18.59	18.57	20.0	0.0
20	PI/2 BPSK	100	0	18.59	18.60	18.58		
20	QPSK	1	1	18.59	18.64	18.58	20.0	0.0
20	QPSK	1	53	18.57	18.62	18.53		
20	QPSK	1	104	18.61	18.61	18.56		
20	QPSK	50	0	18.58	18.56	18.54	20.0	0.0
20	QPSK	50	28	18.58	18.62	18.56	20.0	0.0
20	QPSK	50	56	18.57	18.57	18.50	20.0	0.0
20	QPSK	100	0	18.58	18.61	18.55		
20	16QAM	1	1	18.54	18.55	18.54	20.0	0.0
20	64QAM	1	1	18.60	18.58	18.55	20.0	0.0
20	256QAM	1	1	18.54	18.61	18.53	20.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.51	18.61	18.48	20.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.50	18.62	18.55	20.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.59	18.60	18.46	20.0	0.0

n7 other PA Ant 2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.97	22.90	22.92	24.5	0.0
50	PI/2 BPSK	1	135	22.88	22.98	22.93		
50	PI/2 BPSK	1	268	23.01	22.96	22.89		
50	PI/2 BPSK	135	0	22.49	22.55	22.44	24.0	0.5
50	PI/2 BPSK	135	68	22.93	22.92	22.80	24.5	0.0
50	PI/2 BPSK	135	135	22.59	22.46	22.48	24.0	0.5
50	PI/2 BPSK	270	0	22.51	22.46	22.46		
50	QPSK	1	1	22.98	22.96	22.96	24.5	0.0
50	QPSK	1	135	22.99	22.94	22.93		
50	QPSK	1	268	22.99	23.08	22.97		
50	QPSK	135	0	22.07	22.00	21.90	23.5	1.0
50	QPSK	135	68	23.01	23.05	22.88	24.5	0.0
50	QPSK	135	135	22.11	21.96	21.96	23.5	1.0
50	QPSK	270	0	22.02	22.06	21.99		
50	16QAM	1	1	22.00	22.01	22.02	23.5	1.0
50	64QAM	1	1	20.49	20.54	20.51	22.0	2.5
50	256QAM	1	1	18.44	18.61	18.42	20.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.96	22.92	22.87	24.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.91	22.96	22.92	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.00	22.88	22.84	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.91	22.89	22.91	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.93	22.86	22.91	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.92	22.94	22.81	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.94	22.90	22.81	24.5	0.0

n66 other PA Ant 2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.05	22.88	22.93	24.5	0.0
40	PI/2 BPSK	1	108	22.91	23.04	22.90		
40	PI/2 BPSK	1	214	23.10	23.00	22.87		
40	PI/2 BPSK	108	0	22.47	22.58	22.53	24.0	0.5
40	PI/2 BPSK	108	54	22.93	22.94	22.87	24.5	0.0
40	PI/2 BPSK	108	108	22.57	22.44	22.51	24.0	0.5
40	PI/2 BPSK	216	0	22.59	22.54	22.43		
40	QPSK	1	1	23.01	23.15	23.04	24.5	0.0
40	QPSK	1	108	22.97	22.94	22.91		
40	QPSK	1	214	22.98	22.97	22.94		
40	QPSK	108	0	22.06	22.08	21.92	23.5	1.0
40	QPSK	108	54	23.06	23.12	22.90	24.5	0.0
40	QPSK	108	108	22.01	22.04	22.00	23.5	1.0
40	QPSK	216	0	22.02	22.19	22.00		
40	16QAM	1	1	22.01	22.09	22.02	23.5	1.0
40	64QAM	1	1	20.51	20.60	20.59	22.0	2.5
40	256QAM	1	1	18.49	18.68	18.44	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.07	23.03	22.99	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.02	23.07	23.01	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.02	23.06	22.90	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.04	23.04	22.90	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.01	23.01	22.93	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.09	22.96	22.90	24.5	0.0

Reduced Power Mode for Other PA DSI3

n2 other PA Ant 2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.54	18.60	18.58	20.0	0.0
20	PI/2 BPSK	1	53	18.55	18.60	18.52		
20	PI/2 BPSK	1	104	18.57	18.62	18.56		
20	PI/2 BPSK	50	0	18.52	18.56	18.49	20.0	0.0
20	PI/2 BPSK	50	28	18.62	18.62	18.50	20.0	0.0
20	PI/2 BPSK	50	56	18.58	18.59	18.57	20.0	0.0
20	PI/2 BPSK	100	0	18.59	18.60	18.58		
20	QPSK	1	1	18.59	18.64	18.58	20.0	0.0
20	QPSK	1	53	18.57	18.62	18.53		
20	QPSK	1	104	18.61	18.61	18.56		
20	QPSK	50	0	18.58	18.56	18.54	20.0	0.0
20	QPSK	50	28	18.58	18.62	18.56	20.0	0.0
20	QPSK	50	56	18.57	18.57	18.50	20.0	0.0
20	QPSK	100	0	18.58	18.61	18.55		
20	16QAM	1	1	18.54	18.55	18.54	20.0	0.0
20	64QAM	1	1	18.60	18.58	18.55	20.0	0.0
20	256QAM	1	1	18.54	18.61	18.53	20.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.51	18.61	18.48	20.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.50	18.62	18.55	20.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.59	18.60	18.46	20.0	0.0

n7 other PA Ant 2 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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.97	22.90	22.92	24.5	0.0
50	PI/2 BPSK	1	135	22.88	22.98	22.93		
50	PI/2 BPSK	1	268	23.01	22.96	22.89		
50	PI/2 BPSK	135	0	22.49	22.55	22.44	24.0	0.5
50	PI/2 BPSK	135	68	22.93	22.92	22.80	24.5	0.0
50	PI/2 BPSK	135	135	22.59	22.46	22.48	24.0	0.5
50	PI/2 BPSK	270	0	22.51	22.46	22.46		
50	QPSK	1	1	22.98	22.96	22.96	24.5	0.0
50	QPSK	1	135	22.99	22.94	22.93		
50	QPSK	1	268	22.99	23.08	22.97		
50	QPSK	135	0	22.07	22.00	21.90	23.5	1.0
50	QPSK	135	68	23.01	23.05	22.88	24.5	0.0
50	QPSK	135	135	22.11	21.96	21.96	23.5	1.0
50	QPSK	270	0	22.02	22.06	21.99		
50	16QAM	1	1	22.00	22.01	22.02	23.5	1.0
50	64QAM	1	1	20.49	20.54	20.51	22.0	2.5
50	256QAM	1	1	18.44	18.61	18.42	20.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.96	22.92	22.87	24.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.91	22.96	22.92	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.00	22.88	22.84	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.91	22.89	22.91	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.93	22.86	22.91	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.92	22.94	22.81	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.94	22.90	22.81	24.5	0.0

n66 other PA Ant 2 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.05	22.88	22.93	24.5	0.0
40	PI/2 BPSK	1	108	22.91	23.04	22.90		
40	PI/2 BPSK	1	214	23.10	23.00	22.87		
40	PI/2 BPSK	108	0	22.47	22.58	22.53	24.0	0.5
40	PI/2 BPSK	108	54	22.93	22.94	22.87	24.5	0.0
40	PI/2 BPSK	108	108	22.57	22.44	22.51	24.0	0.5
40	PI/2 BPSK	216	0	22.59	22.54	22.43		
40	QPSK	1	1	23.01	23.15	23.04	24.5	0.0
40	QPSK	1	108	22.97	22.94	22.91		
40	QPSK	1	214	22.98	22.97	22.94		
40	QPSK	108	0	22.06	22.08	21.92	23.5	1.0
40	QPSK	108	54	23.06	23.12	22.90	24.5	0.0
40	QPSK	108	108	22.01	22.04	22.00	23.5	1.0
40	QPSK	216	0	22.02	22.19	22.00		
40	16QAM	1	1	22.01	22.09	22.02	23.5	1.0
40	64QAM	1	1	20.51	20.60	20.59	22.0	2.5
40	256QAM	1	1	18.49	18.68	18.44	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.07	23.03	22.99	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.02	23.07	23.01	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.02	23.06	22.90	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.04	23.04	22.90	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.01	23.01	22.93	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.09	22.96	22.90	24.5	0.0

Reduced Power Mode for Other PA DSI 4

n2 other PA Ant 2 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.54	18.60	18.58	20.0	0.0
20	PI/2 BPSK	1	53	18.55	18.60	18.52		
20	PI/2 BPSK	1	104	18.57	18.62	18.56		
20	PI/2 BPSK	50	0	18.52	18.56	18.49	20.0	0.0
20	PI/2 BPSK	50	28	18.62	18.62	18.50	20.0	0.0
20	PI/2 BPSK	50	56	18.58	18.59	18.57	20.0	0.0
20	PI/2 BPSK	100	0	18.59	18.60	18.58		
20	QPSK	1	1	18.59	18.64	18.58	20.0	0.0
20	QPSK	1	53	18.57	18.62	18.53		
20	QPSK	1	104	18.61	18.61	18.56		
20	QPSK	50	0	18.58	18.56	18.54	20.0	0.0
20	QPSK	50	28	18.58	18.62	18.56	20.0	0.0
20	QPSK	50	56	18.57	18.57	18.50	20.0	0.0
20	QPSK	100	0	18.58	18.61	18.55		
20	16QAM	1	1	18.54	18.55	18.54	20.0	0.0
20	64QAM	1	1	18.60	18.58	18.55	20.0	0.0
20	256QAM	1	1	18.54	18.61	18.53	20.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.51	18.61	18.48	20.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.50	18.62	18.55	20.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.59	18.60	18.46	20.0	0.0

n7 other PA Ant 2 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.83	19.92	19.76	21.5	0.0
50	PI/2 BPSK	1	135	19.85	19.87	19.80		
50	PI/2 BPSK	1	268	19.83	19.84	19.76		
50	PI/2 BPSK	135	0	19.76	19.86	19.79	21.5	0.0
50	PI/2 BPSK	135	68	19.79	19.86	19.79	21.5	0.0
50	PI/2 BPSK	135	135	19.87	19.92	19.75	21.5	0.0
50	PI/2 BPSK	270	0	19.84	19.84	19.75		
50	QPSK	1	1	19.93	20.01	19.84	21.5	0.0
50	QPSK	1	135	19.99	20.02	19.83		
50	QPSK	1	268	20.01	20.06	19.96		
50	QPSK	135	0	19.97	20.04	19.84	21.5	0.0
50	QPSK	135	68	19.96	19.98	19.84	21.5	0.0
50	QPSK	135	135	19.92	19.95	19.85	21.5	0.0
50	QPSK	270	0	19.89	19.97	19.86		
50	16QAM	1	1	19.77	19.92	19.84	21.5	0.0
50	64QAM	1	1	19.81	19.85	19.76	21.5	0.0
50	256QAM	1	1	19.86	19.87	19.79	20.0	1.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.83	19.90	19.83	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.84	19.92	19.78	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.77	19.86	19.80	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.87	19.88	19.83	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.87	19.87	19.83	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.80	19.84	19.79	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.77	19.86	19.78	21.5	0.0

n66 other PA Ant 2 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.05	22.88	22.93	24.5	0.0
40	PI/2 BPSK	1	108	22.91	23.04	22.90		
40	PI/2 BPSK	1	214	23.10	23.00	22.87		
40	PI/2 BPSK	108	0	22.47	22.58	22.53	24.0	0.5
40	PI/2 BPSK	108	54	22.93	22.94	22.87	24.5	0.0
40	PI/2 BPSK	108	108	22.57	22.44	22.51	24.0	0.5
40	PI/2 BPSK	216	0	22.59	22.54	22.43		
40	QPSK	1	1	23.01	23.15	23.04	24.5	0.0
40	QPSK	1	108	22.97	22.94	22.91		
40	QPSK	1	214	22.98	22.97	22.94		
40	QPSK	108	0	22.06	22.08	21.92	23.5	1.0
40	QPSK	108	54	23.06	23.12	22.90	24.5	0.0
40	QPSK	108	108	22.01	22.04	22.00	23.5	1.0
40	QPSK	216	0	22.02	22.19	22.00		
40	16QAM	1	1	22.01	22.09	22.02	23.5	1.0
40	64QAM	1	1	20.51	20.60	20.59	22.0	2.5
40	256QAM	1	1	18.49	18.68	18.44	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.07	23.03	22.99	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.02	23.07	23.01	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.02	23.06	22.90	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.04	23.04	22.90	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.01	23.01	22.93	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.09	22.96	22.90	24.5	0.0

2.4GHz WLAN				Ant 6 Full power		Ant 6 Head Standalone		Ant 6 Head Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.92	15.50	14.92	15.50	13.51	14.50	100.00
		6	2437	18.06	19.00	16.62	17.50	13.57	14.50	
		11	2462	14.56	15.50	14.56	15.50	13.52	14.50	
		2	2417	15.72	16.50	14.72	15.50	13.51	14.50	
		8	2447	15.95	16.50	14.87	15.50	13.55	14.50	
		9	2452	15.53	16.50	14.90	15.50	13.56	14.50	
		10	2457	14.88	15.50	14.88	15.50	13.54	14.50	
	802.11g 6Mbps	1	2412	16.26	17.00	Not Required	17.00	Not Required	14.50	96.95
		6	2437	17.62	18.50		17.50		14.50	
		11	2462	17.03	18.00		17.50		14.50	
	802.11n-HT20 MCS0	1	2412	17.82	18.50		17.50		14.50	96.77
		6	2437	17.63	18.50		17.50		14.50	
		11	2462	17.43	18.00		17.50		14.50	
	802.11ax-HE20 MCS0	1	2412	15.07	16.00		16.00		14.50	95.89
		6	2437	16.71	17.50		17.50		14.50	
		11	2462	15.70	16.50		16.50		14.50	

5.2GHz WLAN				Ant 6 Full power		Ant 6 Head Standalone		Ant 6 Head Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.98	17.50	Not Required	15.00	Not Required	11.00	96.97
		40	5200	17.02	18.00		15.00		11.00	
		44	5220	16.91	17.50		15.00		11.00	
		48	5240	16.89	17.50		15.00		11.00	
	802.11n-HT20 MCS0	36	5180	16.02	17.00		15.00		11.00	96.77
		40	5200	15.91	16.50		15.00		11.00	
		44	5220	16.00	17.00		15.00		11.00	
		48	5240	15.79	16.50		15.00		11.00	
	802.11n-HT40 MCS0	38	5190	14.11	15.00	14.11	15.00		11.00	93.67
		46	5230	15.06	16.00	14.17	15.00		11.00	
	802.11ac-VHT20 MCS0	36	5180	16.08	17.00	Not Required	15.00		11.00	96.76
		40	5200	15.96	16.50		15.00		11.00	
		44	5220	16.06	17.00		15.00		11.00	
		48	5240	15.85	16.50		15.00		11.00	
	802.11ac-VHT40 MCS0	38	5190	15.90	16.50		15.00		11.00	93.75
		46	5230	15.80	16.50		15.00		11.00	
	802.11ac-VHT80 MCS0	42	5210	13.40	14.00		14.00	10.35	11.00	88.19
	802.11ax-HE20 MCS0	36	5180	16.18	17.00	Not Required	15.00	Not Required	11.00	95.89
		40	5200	16.07	17.00		15.00		11.00	
		44	5220	16.14	17.00		15.00		11.00	
		48	5240	15.94	16.50		15.00		11.00	
	802.11ax-HE40 MCS0	38	5190	14.24	15.00		15.00		11.00	92.46
		46	5230	15.17	16.00		15.00		11.00	
	802.11ax-HE80 MCS0	42	5210	13.57	14.50		14.50		11.00	86.84

5.3GHz WLAN				Ant 6 Full power		Ant 6 Head Standalone		Ant 6 Head Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.88	17.50	Not Required	15.00	Not Required	11.00	96.97
		56	5280	16.90	17.50		15.00		11.00	
		60	5300	16.96	18.00		15.00		11.00	
		64	5320	16.82	17.50		15.00		11.00	
	802.11n-HT20 MCS0	52	5260	15.72	16.50		15.00		11.00	96.77
		56	5280	15.93	16.50		15.00		11.00	
		60	5300	15.87	16.50		15.00		11.00	
		64	5320	15.84	16.50		15.00		11.00	
	802.11n-HT40 MCS0	54	5270	15.01	16.00	14.15	15.00		11.00	93.67
		62	5310	14.52	15.50	14.13	15.00		11.00	
	802.11ac-VHT20 MCS0	52	5260	15.79	16.50	Not Required	15.00		11.00	96.76
		56	5280	15.95	16.50		15.00		11.00	
		60	5300	15.90	16.50		15.00		11.00	
		64	5320	15.87	16.50		15.00		11.00	
	802.11ac-VHT40 MCS0	54	5270	15.88	16.50		15.00		11.00	93.75
		62	5310	15.84	16.50		15.00		11.00	
	802.11ac-VHT80 MCS0	58	5290	12.70	13.50		13.50	10.47	11.00	88.19
	802.11ax-HE20 MCS0	52	5260	15.86	16.50		15.00	Not Required	11.00	95.89
		56	5280	16.04	17.00		15.00		11.00	
		60	5300	16.00	17.00		15.00		11.00	
		64	5320	15.97	16.50		15.00		11.00	
	802.11ax-HE40 MCS0	54	5270	15.12	16.00		15.00		11.00	92.46
		62	5310	14.65	15.50		15.00		11.00	
	802.11ax-HE80 MCS0	58	5290	12.84	13.50		13.50		11.00	86.84

5.5GHz WLAN				Ant 6 Full power		Ant 6 Head Standalone		Ant 6 Head Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.85	17.50	Not Required	14.00	Not Required	10.00	96.97
		116	5580	17.06	18.00		14.00		10.00	
		124	5620	17.16	18.00		14.00		10.00	
		132	5660	17.09	18.00		14.00		10.00	
		140	5700	12.49	13.00		13.00		10.00	
		144	5720	17.22	18.00		14.00		10.00	
	802.11n-HT20 MCS0	100	5500	15.89	16.50		14.00		10.00	96.77
		116	5580	16.13	17.00		14.00		10.00	
		124	5620	16.18	17.00		14.00		10.00	
		132	5660	16.01	17.00		14.00		10.00	
		140	5700	11.50	12.50		12.50		10.00	
		144	5720	16.19	17.00		14.00		10.00	
	802.11n-HT40 MCS0	102	5510	13.80	14.50		14.00		10.00	93.67
		110	5550	14.77	15.50		14.00		10.00	
		126	5630	15.20	16.00		14.00		10.00	
		134	5670	15.23	16.00		14.00		10.00	
		142	5710	15.30	16.00		14.00		10.00	
	802.11ac-VHT20 MCS0	100	5500	15.94	16.50		14.00		10.00	96.76
		116	5580	16.17	17.00		14.00		10.00	
		124	5620	16.20	17.00		14.00		10.00	
		132	5660	16.06	17.00		14.00		10.00	
		140	5700	11.58	12.50		12.50		10.00	
		144	5720	16.22	17.00		14.00		10.00	
	802.11ac-VHT40 MCS0	102	5510	15.71	16.50		14.00		10.00	93.75
		110	5550	15.76	16.50		14.00		10.00	
		126	5630	16.03	17.00		14.00		10.00	
		134	5670	15.94	16.50		14.00		10.00	
		142	5710	16.14	17.00		14.00		10.00	
	802.11ac-VHT80 MCS0	106	5530	13.30	14.00	13.03	14.00	9.31	10.00	88.19
		122	5610	14.15	15.00	13.28	14.00	9.45	10.00	
		138	5690	14.01	15.00	13.14	14.00	9.38	10.00	
	802.11ax-HE20 MCS0	100	5500	16.06	17.00	Not Required	14.00	Not Required	10.00	95.89
		116	5580	16.24	17.00		14.00		10.00	
		124	5620	16.29	17.00		14.00		10.00	
		132	5660	16.18	17.00		14.00		10.00	
		140	5700	11.64	12.50		12.50		10.00	
		144	5720	16.29	17.00		14.00		10.00	
	802.11ax-HE40 MCS0	102	5510	13.94	14.50		14.00		10.00	92.46
		110	5550	14.88	15.50		14.00		10.00	
		126	5630	15.30	16.00		14.00		10.00	
		134	5670	15.35	16.00		14.00		10.00	
		142	5710	15.40	16.00		14.00		10.00	
	802.11ax-HE80 MCS0	106	5530	13.43	14.00		14.00		10.00	86.84
		122	5610	14.24	15.00		14.00		10.00	
		138	5690	14.13	15.00		14.00		10.00	

5.8GHz WLAN				Ant 6 Full power		Ant 6 Head Standalone		Ant 6 Head Simultaneous		Body-worn&Hotspot Simultane		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	17.17	18.00	Not Required	14.00	Not Required	10.00	Not Required	17.00	96.97
		157	5785	17.29	18.00		14.00		10.00		17.00	
		165	5825	17.21	18.00		14.00		10.00		17.00	
	802.11n-HT20 MCS0	149	5745	16.06	17.00		14.00		10.00		17.00	96.77
		157	5785	16.26	17.00		14.00		10.00		17.00	
		165	5825	16.20	17.00		14.00		10.00		17.00	
	802.11n-HT40 MCS0	151	5755	15.32	16.00		14.00		10.00	15.32	16.00	93.67
		159	5795	15.36	16.00		14.00		10.00	15.36	16.00	
	802.11ac-VHT20 MCS0	149	5745	16.12	17.00		14.00		10.00	Not Required	17.00	96.76
		157	5785	16.33	17.00		14.00		10.00		17.00	
		165	5825	16.24	17.00		14.00		10.00		17.00	
	802.11ac-VHT40 MCS0	151	5755	16.10	17.00		14.00		10.00	16.10	17.00	93.75
		159	5795	16.24	17.00		14.00		10.00	16.24	17.00	
	802.11ac-VHT80 MCS0	155	5775	14.21	15.00	13.25	14.00	9.47	10.00	Not Required	15.00	88.19
	802.11ax-HE20 MCS0	149	5745	16.24	17.00	Not Required	14.00	Not Required	10.00		17.00	95.89
		157	5785	16.41	17.00		14.00		10.00		17.00	
		165	5825	16.35	17.00		14.00		10.00		17.00	
	802.11ax-HE40 MCS0	151	5755	15.41	16.00		14.00		10.00		16.00	92.46
		159	5795	15.47	16.00		14.00		10.00		16.00	
	802.11ax-HE80 MCS0	155	5775	14.33	15.00		14.00		10.00		15.00	86.84

BT BR/EDR ANT 6

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	9.59	7.22	7.36	11.00
	CH 39	2441	7.72	5.06	5.33	9.00
	CH 78	2480	10.82	8.83	8.54	12.00

BLE_1M ANT 6

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	6.25
	CH 19	2440	6.91
	CH 39	2480	6.06
Tune-up Limit			8.00

BLE_2M ANT 6

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	6.09
	CH 19	2440	7.06
	CH 39	2480	6.04
Tune-up Limit			8.50

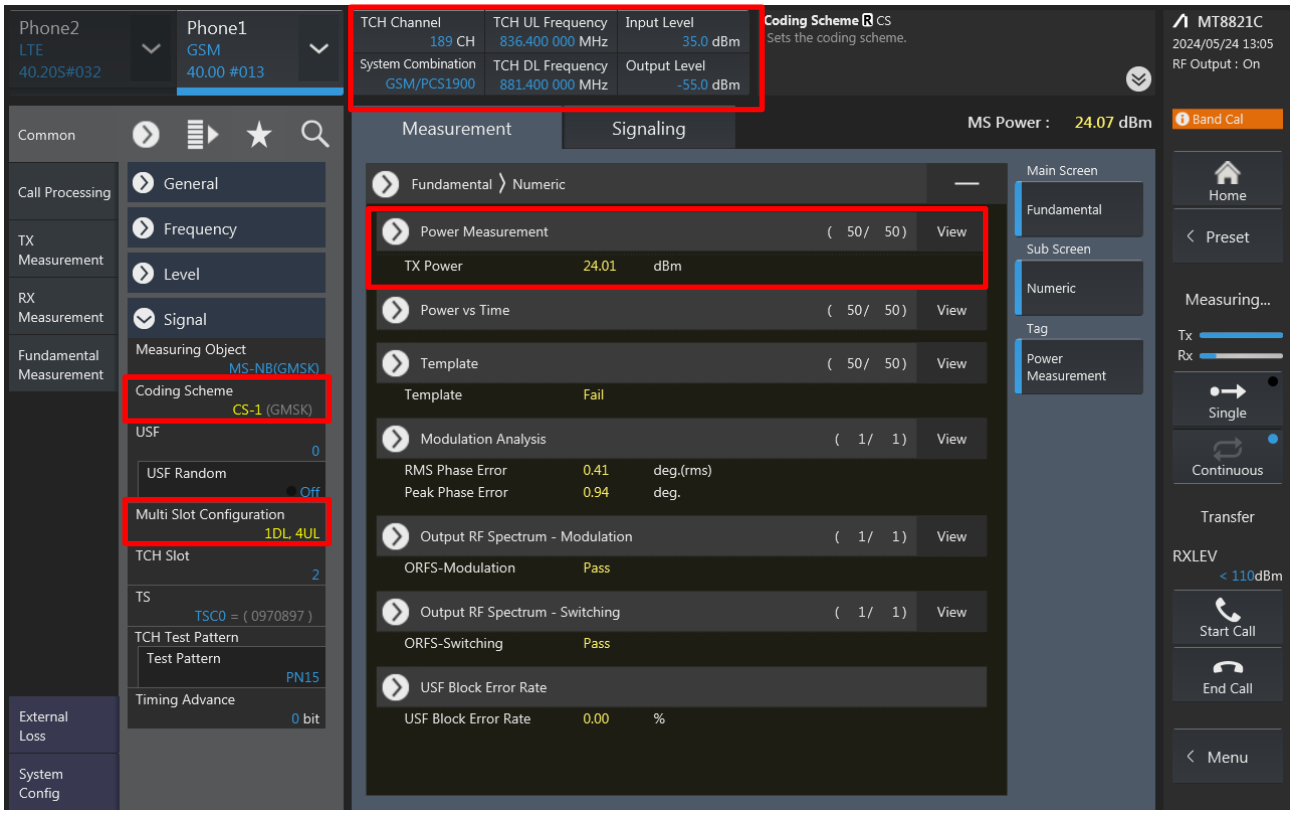
Appendix F. Power measurement connection diagram and Carrier Aggregation Conducted RF Output Power Table

The detailed Power measurement connection diagram and Carrier Aggregation Conducted power table are shown as follows.

Power measurement connection diagram:

The power measurement for 2G/3G/LTE/5G FR1/UL and DL CA is to establish a connection between device and call box, and via call box to configure Bands, channel, BWs, RB size, carrier aggregation of CA, frequency channels, SCS and maximum output power. Hereunder is screenshot call box connection information for 2G/3G/LTE/5G FR1/UL and DL CA.

<GSM>



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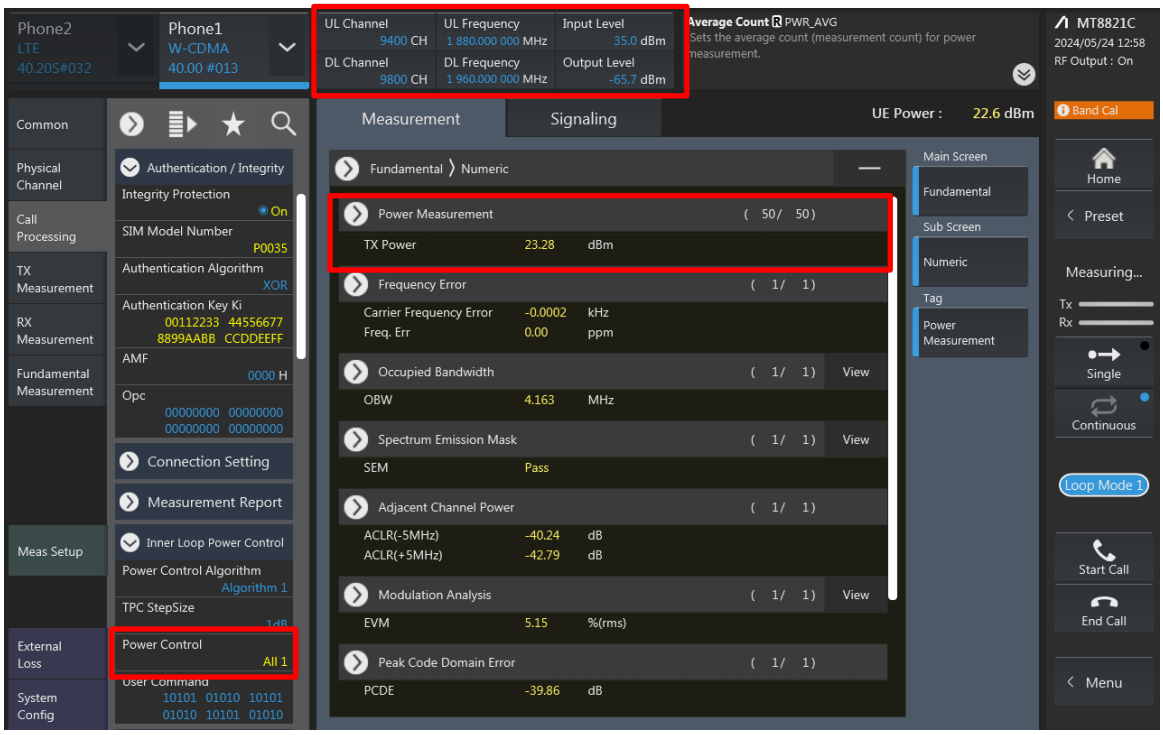
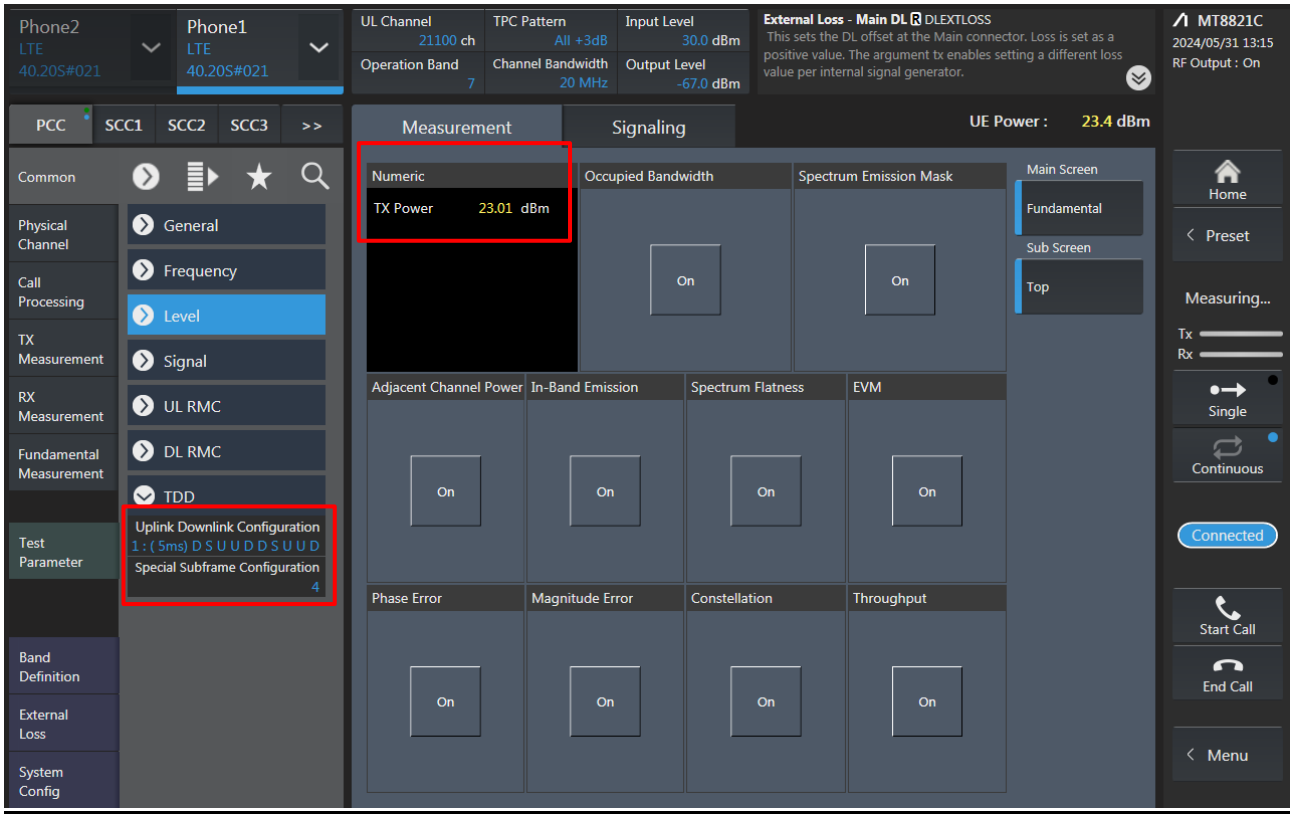
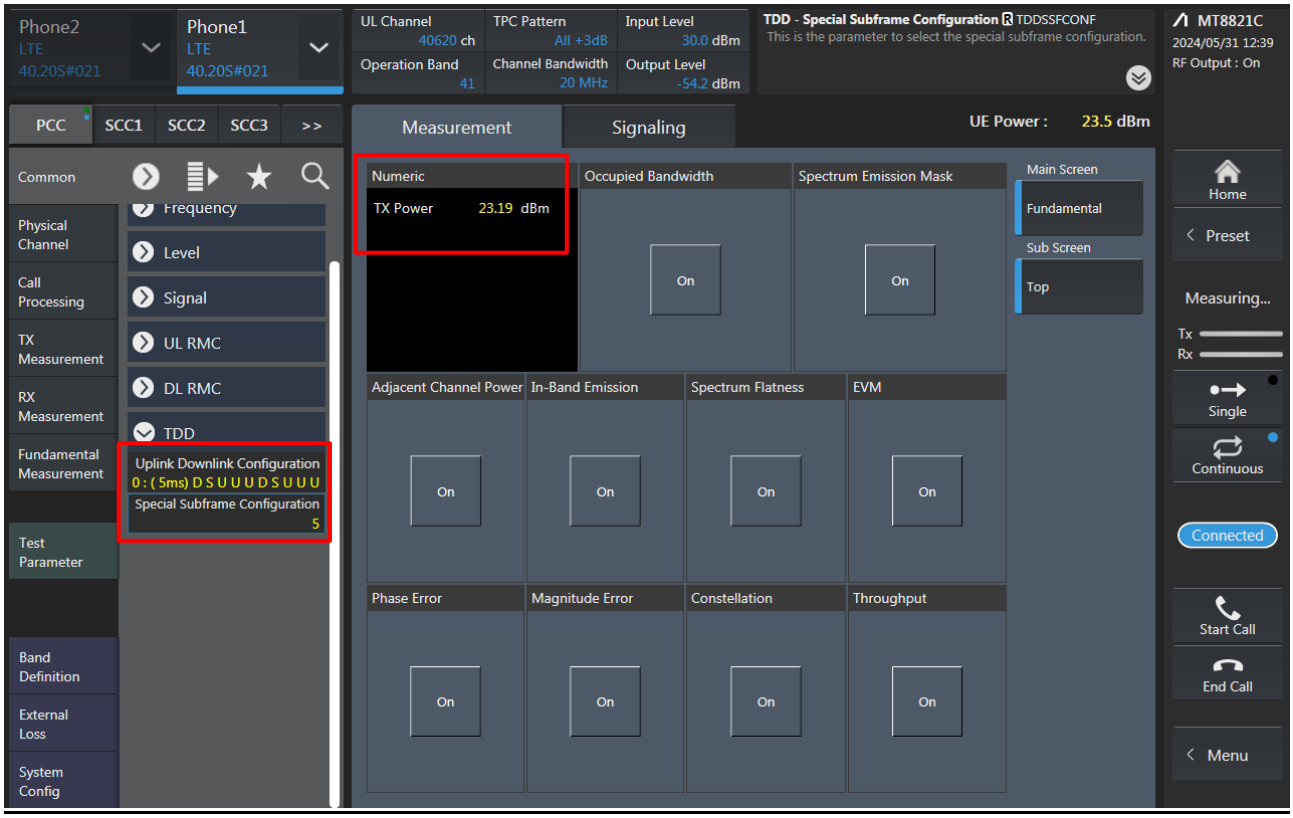

Phone2
LTE
40.20S#032
Phone1
W-CDMA
40.00 #013
UL Channel 9400 CH
UL Frequency 1 880.000 000 MHz
Input Level 35.0 dBm
DL Channel 9800 CH
DL Frequency 1 960.000 000 MHz
Output Level -65.7 dBm
Average Count PWR_AVG
Sets the average count (measurement count) for power measurement.
MT8821C
2024/05/24 12:58
RF Output : On
Measurement
Signaling
UE Power : 22.6 dBm
Band Cal
Common
Physical Channel
Call Processing
TX Measurement
RX Measurement
Fundamental Measurement
Meas Setup
External Loss
System Config
Authentication / Integrity
Integrity Protection On
SIM Model Number P0035
Authentication Algorithm XOR
Authentication Key Ki
AMF 0000 H
Opc
Connection Setting
Measurement Report
Inner Loop Power Control
Power Control Algorithm Algorithm 1
TPC StepSize
Power Control All 1
Fundamental Numeric
Power Measurement (50/ 50)
TX Power 23.28 dBm
Frequency Error (1/ 1)
Carrier Frequency Error -0.0002 kHz
Freq. Err 0.00 ppm
Occupied Bandwidth (1/ 1) View
OBW 4.163 MHz
Spectrum Emission Mask (1/ 1) View
SEM Pass
Adjacent Channel Power (1/ 1)
ACLR(-5MHz) -40.24 dB
ACLR(+5MHz) -42.79 dB
Modulation Analysis (1/ 1) View
EVM 5.15 %(rms)
Peak Code Domain Error (1/ 1)
PCDE -39.86 dB
Main Screen
Fundamental
Sub Screen
Numeric
Tag
Power Measurement
Home
Preset
Measuring...
Single
Continuous
Loop Mode 1
Start Call
End Call
Menu

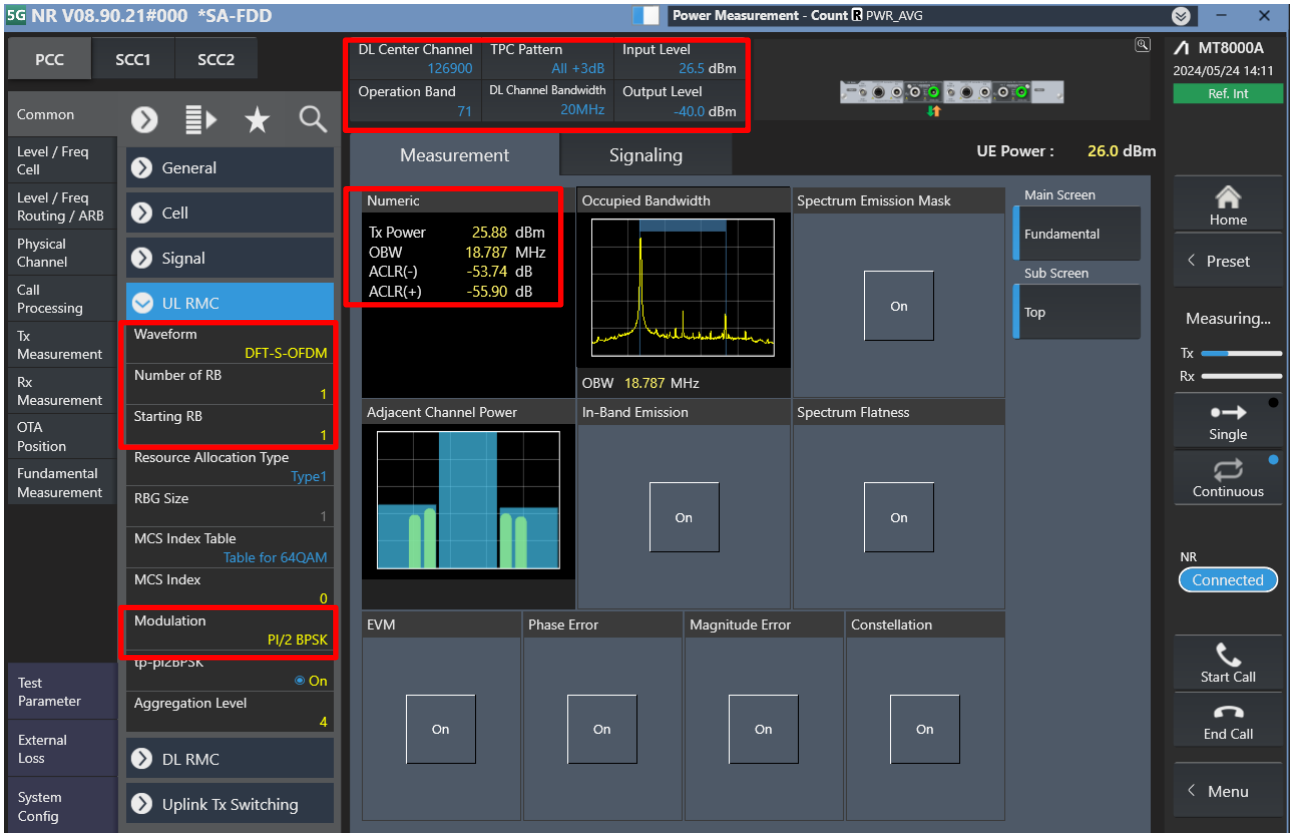
<LTE>

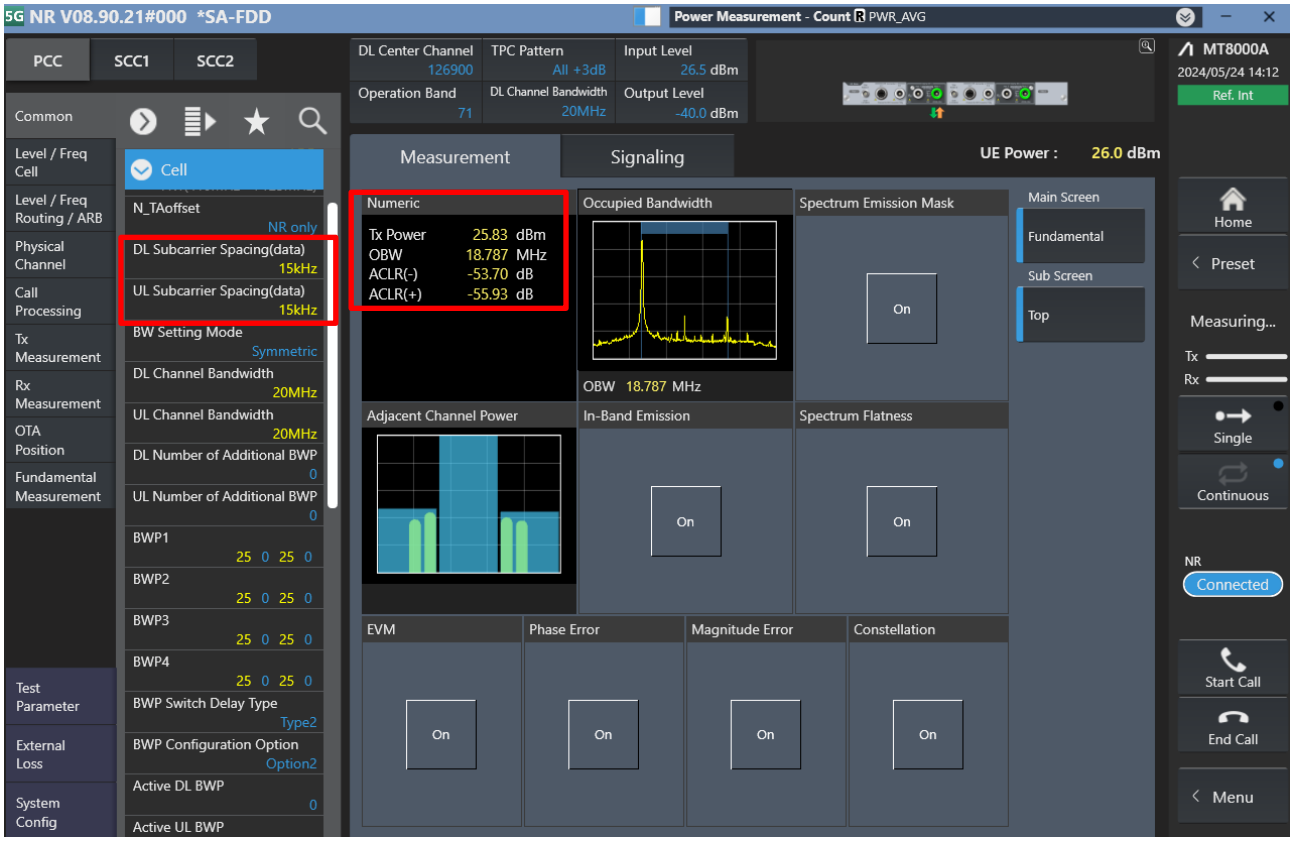

Phone2
LTE
40.20S#021
Phone1
LTE
40.20S#021
UL Channel 21100 ch
TPC Pattern All +3dB
Input Level 30.0 dBm
Operation Band 7
Channel Bandwidth 20 MHz
Output Level -67.0 dBm
External Loss - Main DL DLEXTLOSS
This sets the DL offset at the Main connector. Loss is set as a positive value. The argument tx enables setting a different loss value per internal signal generator.
MT8821C
2024/05/31 13:15
RF Output : On
PCC
SCC1
SCC2
SCC3
>>
Measurement
Signaling
UE Power : 23.4 dBm
Common
Physical Channel
Call Processing
TX Measurement
RX Measurement
Fundamental Measurement
Test Parameter
Band Definition
External Loss
System Config
General
Frequency
Level
Signal
UL RMC
DL RMC
TDD
Uplink Downlink Configuration
1 : (5ms) D S U U D D S U U D
Special Subframe Configuration
4
Numeric
TX Power 23.01 dBm
Occupied Bandwidth
Spectrum Emission Mask
Adjacent Channel Power
In-Band Emission
Spectrum Flatness
EVM
Phase Error
Magnitude Error
Constellation
Throughput
On
Main Screen
Fundamental
Sub Screen
Top
Home
Preset
Measuring...
Single
Continuous
Connected
Start Call
End Call
Menu

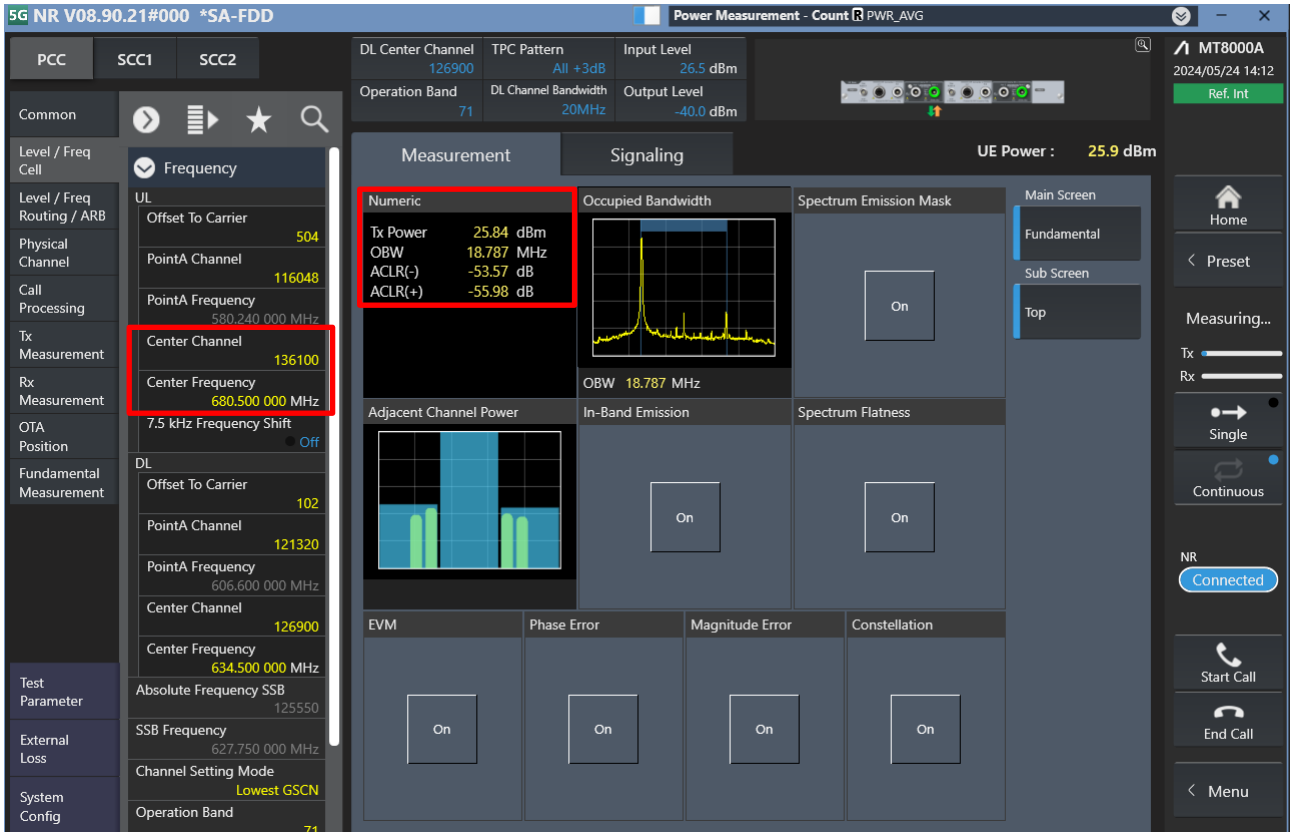
<LTE TDD Power class 3>



<5GNR FR1>

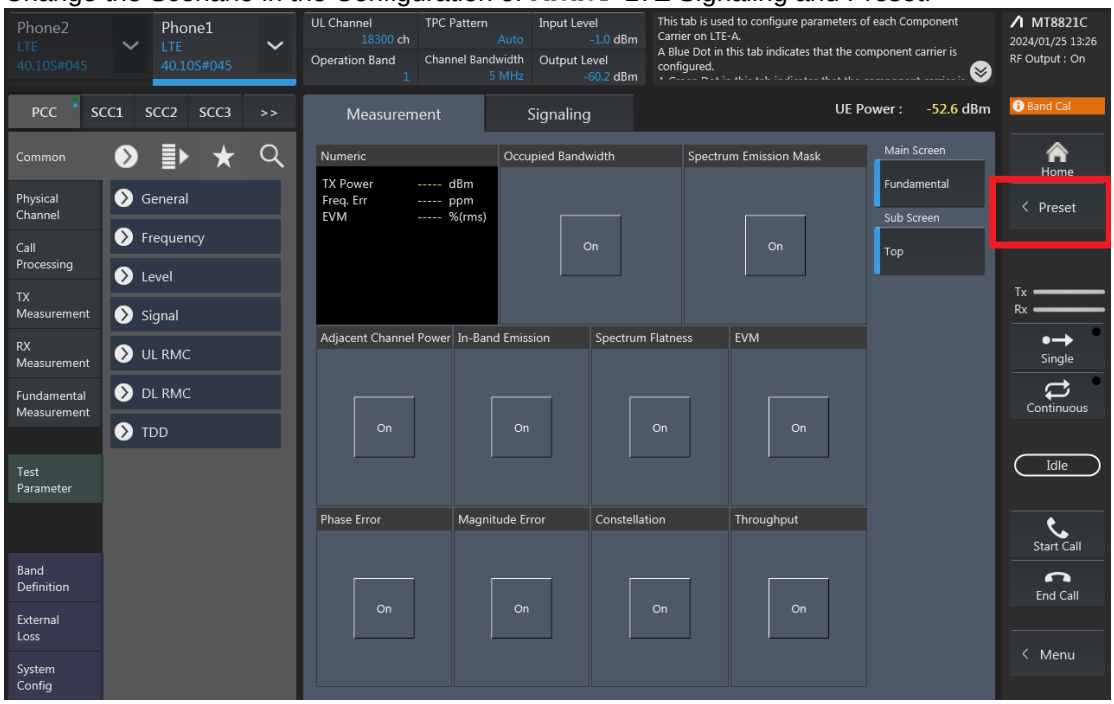

NR V08.90.21#000 *SA-FDD
Power Measurement - Count PWR_AVG
PCC
SCC1
SCC2
DL Center Channel 126900
TPC Pattern All +3dB
Input Level 26.5 dBm
Operation Band 71
DL Channel Bandwidth 20MHz
Output Level -40.0 dBm
MT8000A
2024/05/24 14:11
Ref. Int
Common
Level / Freq Cell
Level / Freq Routing / ARB
Physical Channel
Call Processing
Tx Measurement
Rx Measurement
OTA Position
Fundamental Measurement
Test Parameter
External Loss
System Config
General
Cell
Signal
UL RMC
Waveform DFT-S-OFDM
Number of RB 1
Starting RB 1
Resource Allocation Type Type1
RBG Size 1
MCS Index Table Table for 64QAM
MCS Index 0
Modulation PI/2 BPSK
On
Aggregation Level 4
DL RMC
Uplink Tx Switching
Measurement
Signaling
UE Power : 26.0 dBm
Numeric
Tx Power 25.88 dBm
OBW 18.787 MHz
ACLR(-) -53.74 dB
ACLR(+) -55.90 dB
Occupied Bandwidth
OBW 18.787 MHz
Spectrum Emission Mask
Main Screen
Fundamental
Sub Screen
Top
Adjacent Channel Power
In-Band Emission
Spectrum Flatness
EVM
Phase Error
Magnitude Error
Constellation
Home
Preset
Measuring...
Tx
Rx
Single
Continuous
NR
Connected
Start Call
End Call
Menu


NR V08.90.21#000 *SA-FDD
Power Measurement - Count PWR_AVG
PCC
SCC1
SCC2
DL Center Channel 126900
TPC Pattern All +3dB
Input Level 26.5 dBm
Operation Band 71
DL Channel Bandwidth 20MHz
Output Level -40.0 dBm
MT8000A
2024/05/24 14:12
Ref. Int
Common
Level / Freq Cell
Level / Freq Routing / ARB
Physical Channel
Call Processing
Tx Measurement
Rx Measurement
OTA Position
Fundamental Measurement
Test Parameter
External Loss
System Config
Cell
N_TAoffset NR only
DL Subcarrier Spacing(data) 15kHz
UL Subcarrier Spacing(data) 15kHz
BW Setting Mode Symmetric
DL Channel Bandwidth 20MHz
UL Channel Bandwidth 20MHz
DL Number of Additional BWP 0
UL Number of Additional BWP 0
BWP1 25 0 25 0
BWP2 25 0 25 0
BWP3 25 0 25 0
BWP4 25 0 25 0
BWP Switch Delay Type Type2
BWP Configuration Option Option2
Active DL BWP 0
Active UL BWP
Measurement
Signaling
UE Power : 26.0 dBm
Numeric
Tx Power 25.83 dBm
OBW 18.787 MHz
ACLR(-) -53.70 dB
ACLR(+) -55.93 dB
Occupied Bandwidth
OBW 18.787 MHz
Spectrum Emission Mask
Main Screen
Fundamental
Sub Screen
Top
Adjacent Channel Power
In-Band Emission
Spectrum Flatness
EVM
Phase Error
Magnitude Error
Constellation
Home
Preset
Measuring...
Tx
Rx
Single
Continuous
NR
Connected
Start Call
End Call
Menu

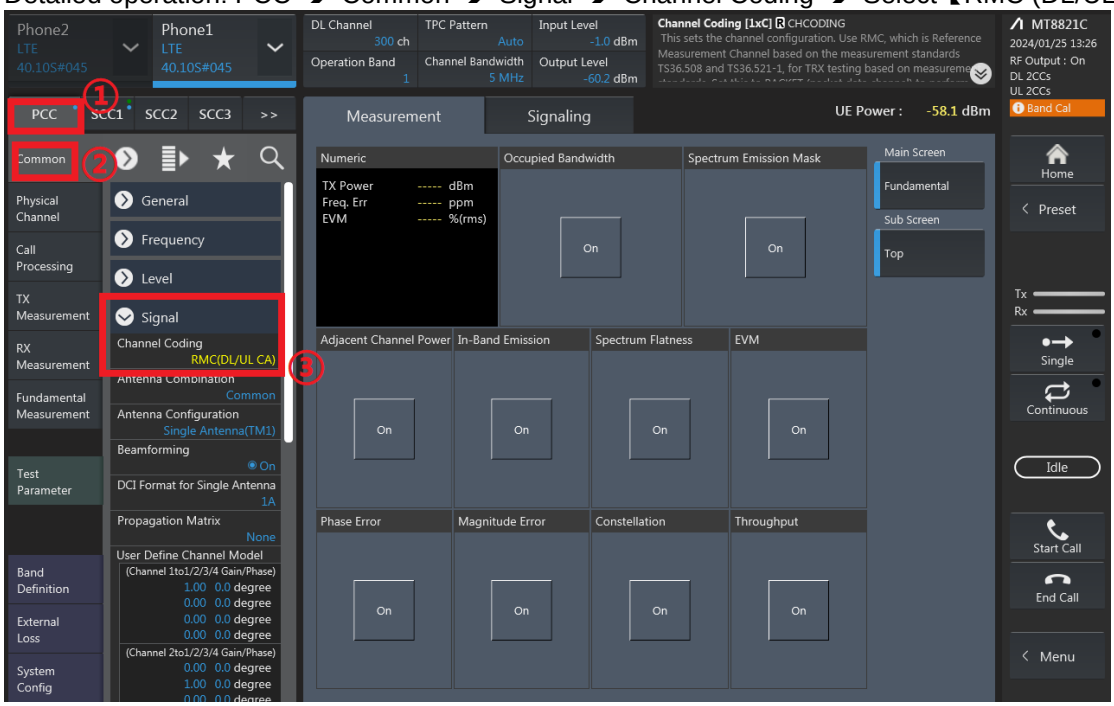

5G NR V08.90.21#000 *SA-FDD
Power Measurement - Count R PWR_AVG
PCC
SCC1
SCC2
DL Center Channel 126900
TPC Pattern All +3dB
Input Level 26.5 dBm
Operation Band 71
DL Channel Bandwidth 20MHz
Output Level -40.0 dBm
MT8000A
2024/05/24 14:12
Ref. Int
Common
Level / Freq Cell
Level / Freq Routing / ARB
Physical Channel
Call Processing
Tx Measurement
Rx Measurement
OTA Position
Fundamental Measurement
Test Parameter
External Loss
System Config
Frequency
UL
Offset To Carrier 504
PointA Channel 116048
PointA Frequency 580.240 000 MHz
Center Channel 136100
Center Frequency 680.500 000 MHz
7.5 kHz Frequency Shift Off
DL
Offset To Carrier 102
PointA Channel 121320
PointA Frequency 606.600 000 MHz
Center Channel 126900
Center Frequency 634.500 000 MHz
Absolute Frequency SSB 125550
SSB Frequency 627.750 000 MHz
Channel Setting Mode Lowest GSCN
Operation Band 71
Measurement
Signaling
UE Power : 25.9 dBm
Numeric
Tx Power 25.84 dBm
OBW 18.787 MHz
ACLR(-) -53.57 dB
ACLR(+) -55.98 dB
Occupied Bandwidth
OBW 18.787 MHz
Spectrum Emission Mask
On
Main Screen
Fundamental
Sub Screen
Top
Adjacent Channel Power
In-Band Emission
Spectrum Flatness
EVM
Phase Error
Magnitude Error
Constellation
Home
Preset
Measuring...
Tx
Rx
Single
Continuous
NR
Connected
Start Call
End Call
Menu

LTE Uplink and Downlink Carrier Aggregation configurations:

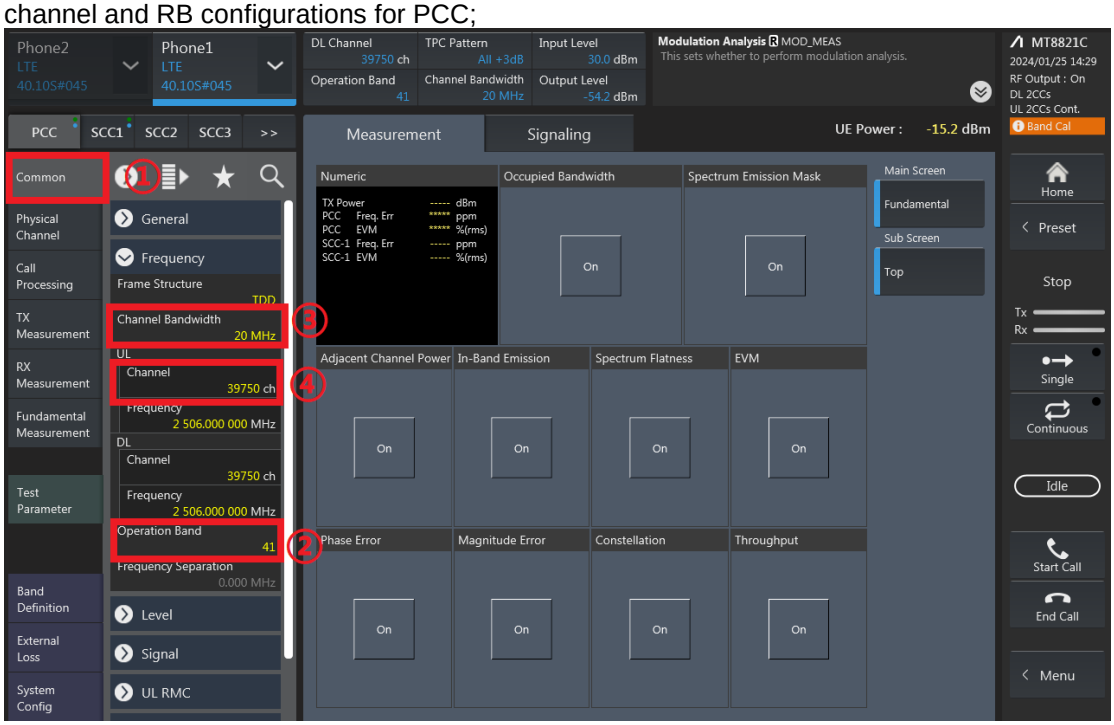
1. Change the Scenario in the Configuration of Phone1 LTE Signaling and Preset.



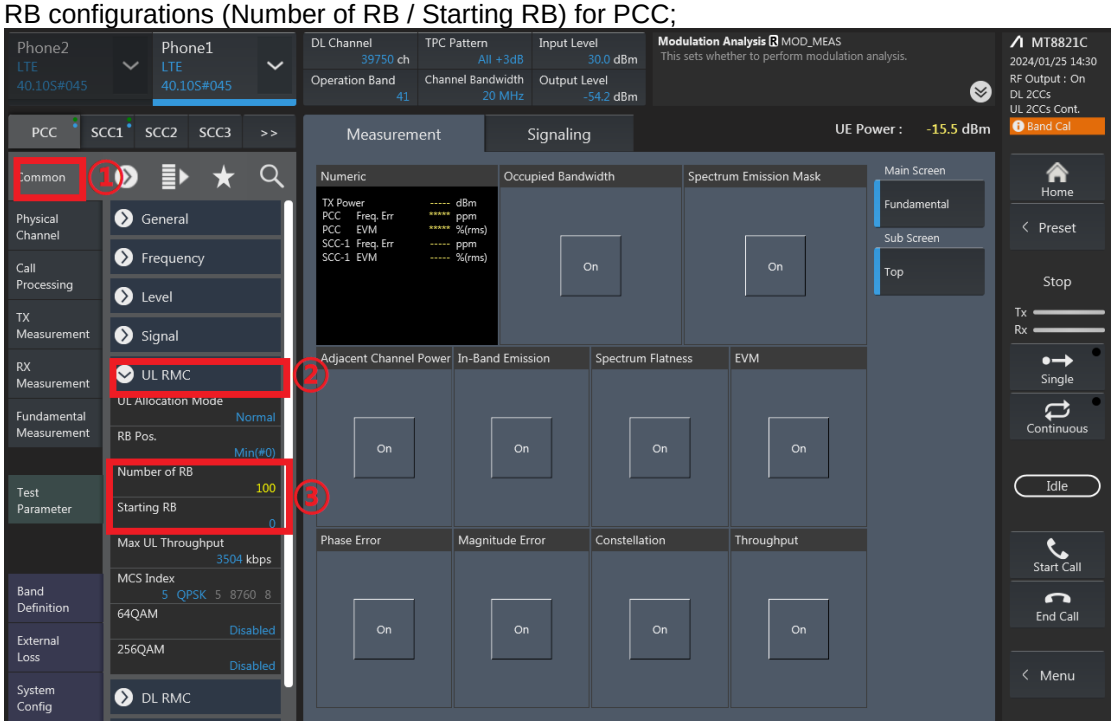
2. If Select “RMC (DL/UL CA)” for Uplink Carrier Aggregation;
If Select “RMC (DL CA)” for Downlink Carrier Aggregation.
For example, Uplink Carrier Aggregation:
Detailed operation: PCC ➔ Common ➔ Signal ➔ Channel Coding ➔ Select【RMC (DL/UL CA)】



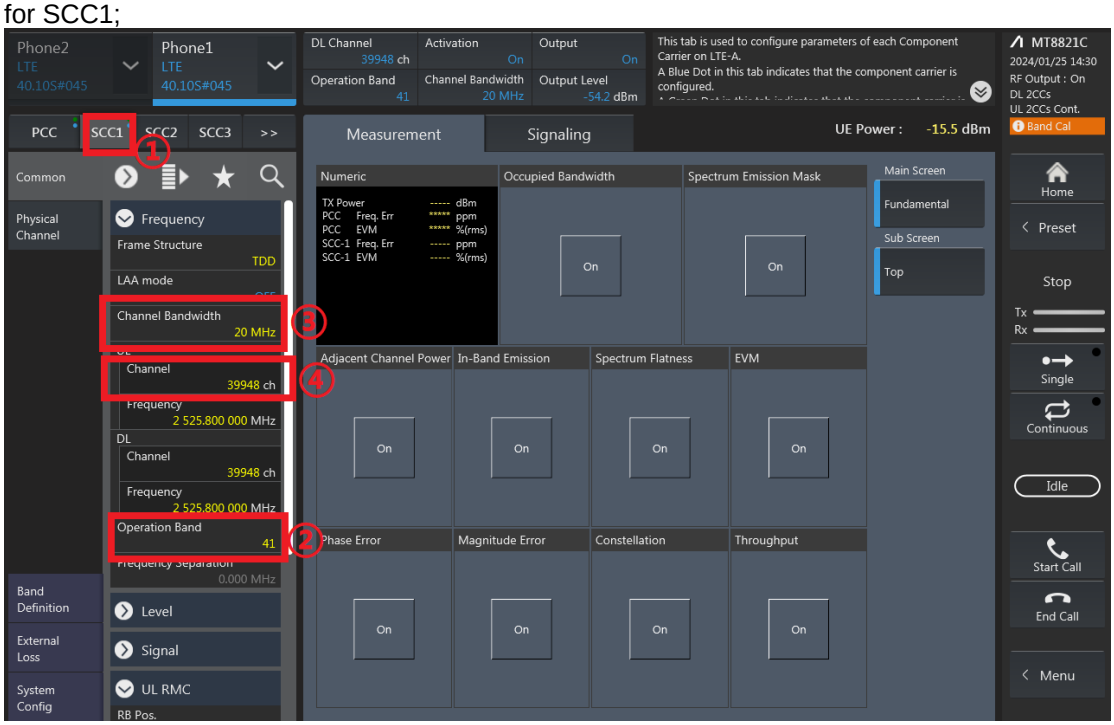
3. PCC parameter Settings: on the screen, and then select the PCC tab and Set operating band, BW, channel and RB configurations for PCC;



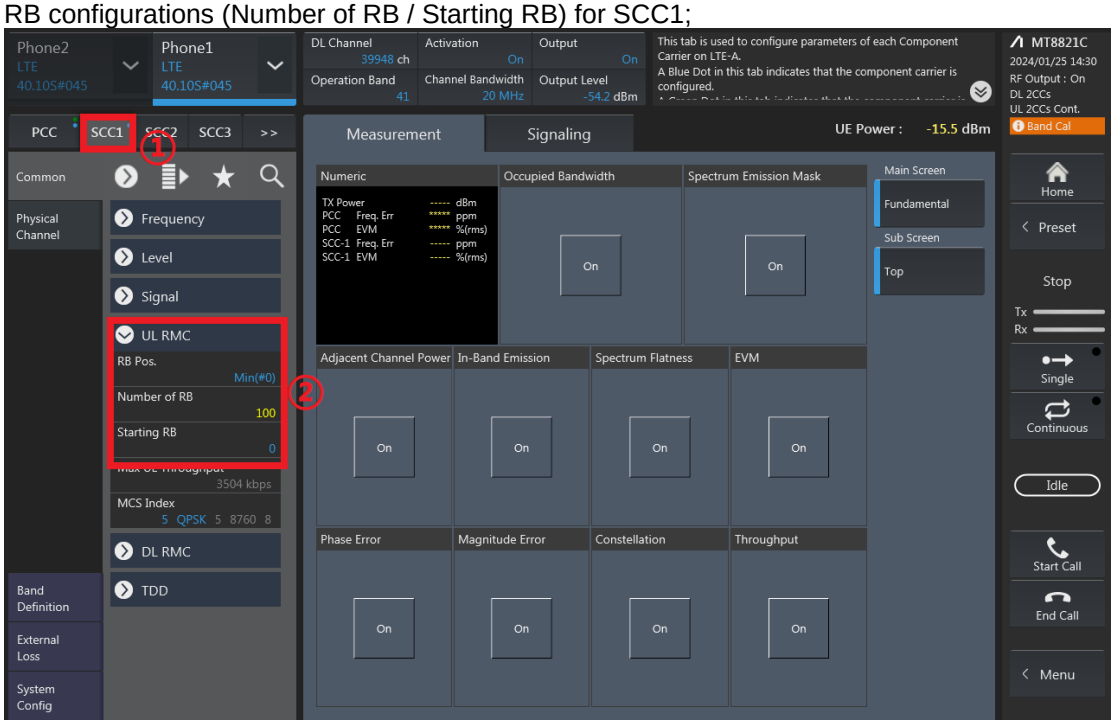
RB configurations (Number of RB / Starting RB) for PCC;



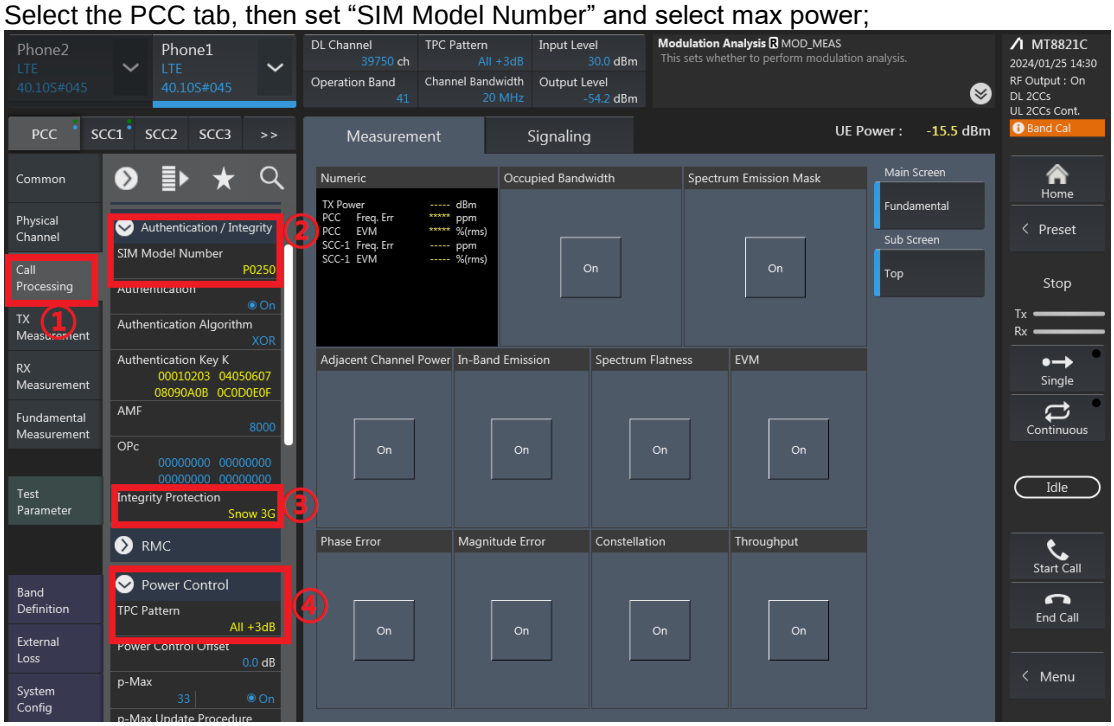
4. SCC parameter Settings: Select the SCC1 tab, Set operating band, BW, channel, and RB configurations for SCC1;



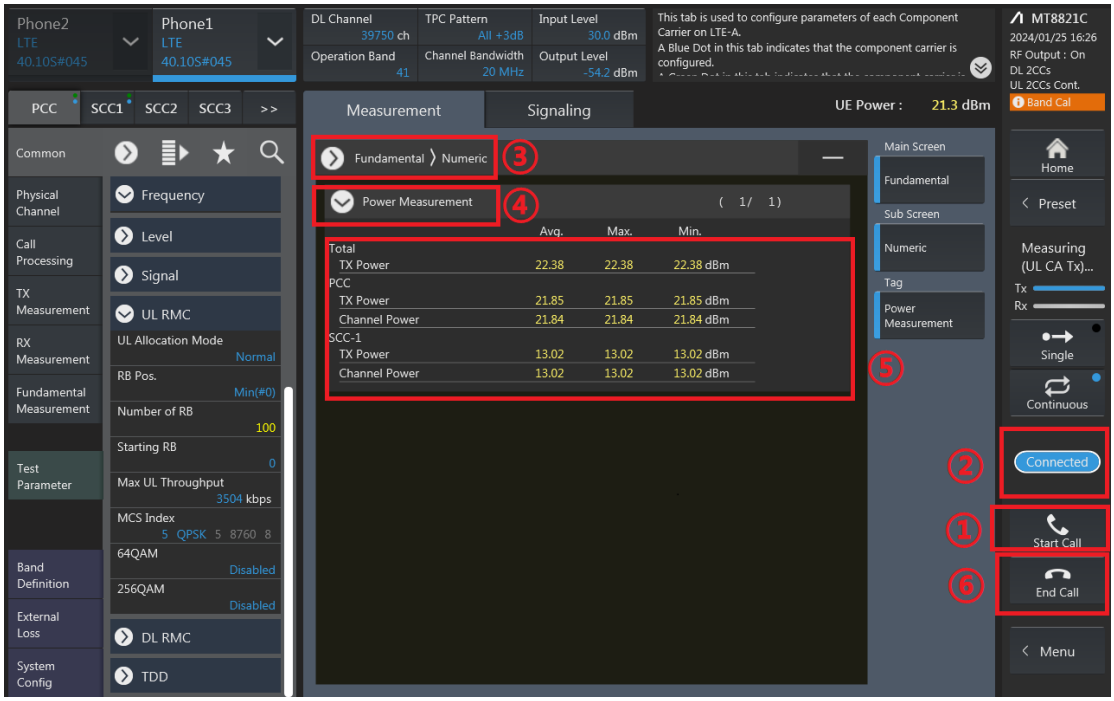
RB configurations (Number of RB / Starting RB) for SCC1;



5. Select the PCC tab, then set “SIM Model Number” and select max power;



6. Click the “Connect” button at the Right of the screen, if necessary, turn the Airplane mode on/off in the DUT



7. The inter-band ULCA test method is similar to intra-band ULCA, and DLCA test method is similar to intra-band ULCA too.

Uplink CA_Full & Default Power

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	23.24	24.50
21100	21298	QPSK	1	99	1	0	23.29	24.50
21350	21152	QPSK	1	0	1	99	23.28	24.50

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	23.38	24.50
37901	38099	QPSK	1	99	1	0	23.39	24.50
38150	37952	QPSK	1	0	1	99	23.36	24.50

CA_7C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.79	24.50
21100	21298	QPSK	1	99	1	0	22.93	24.50
21350	21152	QPSK	1	0	1	99	22.85	24.50

CA_38C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.92	24.50
37901	38099	QPSK	1	99	1	0	22.99	24.50
38150	37952	QPSK	1	0	1	99	22.97	24.50

Uplink CA_DSI1 Power

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	23.24	24.50
21100	21298	QPSK	1	99	1	0	23.29	24.50
21350	21152	QPSK	1	0	1	99	23.28	24.50

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	23.38	24.50
37901	38099	QPSK	1	99	1	0	23.39	24.50
38150	37952	QPSK	1	0	1	99	23.36	24.50

CA_7C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	16.75	18.50
21100	21298	QPSK	1	99	1	0	16.86	18.50
21350	21152	QPSK	1	0	1	99	16.77	18.50

CA_38C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	19.02	20.50
37901	38099	QPSK	1	99	1	0	19.08	20.50
38150	37952	QPSK	1	0	1	99	18.99	20.50

Uplink CA_DSI2 Power

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	23.24	24.50
21100	21298	QPSK	1	99	1	0	23.29	24.50
21350	21152	QPSK	1	0	1	99	23.28	24.50

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	23.38	24.50
37901	38099	QPSK	1	99	1	0	23.39	24.50
38150	37952	QPSK	1	0	1	99	23.36	24.50

CA_7C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.79	24.50
21100	21298	QPSK	1	99	1	0	22.93	24.50
21350	21152	QPSK	1	0	1	99	22.85	24.50

CA_38C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.92	24.50
37901	38099	QPSK	1	99	1	0	22.99	24.50
38150	37952	QPSK	1	0	1	99	22.97	24.50

Uplink CA_DSI3 Power

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	18.71	20.00
21100	21298	QPSK	1	99	1	0	18.86	20.00
21350	21152	QPSK	1	0	1	99	18.67	20.00

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	19.36	20.50
37901	38099	QPSK	1	99	1	0	19.41	20.50
38150	37952	QPSK	1	0	1	99	19.39	20.50

CA_7C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.79	24.50
21100	21298	QPSK	1	99	1	0	22.93	24.50
21350	21152	QPSK	1	0	1	99	22.85	24.50

CA_38C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.92	24.50
37901	38099	QPSK	1	99	1	0	22.99	24.50
38150	37952	QPSK	1	0	1	99	22.97	24.50

Uplink CA_DSI4 Power

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	18.71	20.00
21100	21298	QPSK	1	99	1	0	18.86	20.00
21350	21152	QPSK	1	0	1	99	18.67	20.00

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	19.36	20.50
37901	38099	QPSK	1	99	1	0	19.41	20.50
38150	37952	QPSK	1	0	1	99	19.39	20.50

CA_7C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	16.75	18.50
21100	21298	QPSK	1	99	1	0	16.86	18.50
21350	21152	QPSK	1	0	1	99	16.77	18.50

CA_38C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	19.02	20.50
37901	38099	QPSK	1	99	1	0	19.08	20.50
38150	37952	QPSK	1	0	1	99	18.99	20.50

Downlink CA Power

2CA DL

CA List	PCC									SCC					Power	
	LTE Band	BW Ant.	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2A-2A	Band 2	1	20M	1880	18900	QPSK	1	0		Band 2	5M	1987.5	1175		22.91	22.98
CA_2A-26A	Band 2	2	20M	1880	18900	QPSK	1	0		Band 26	15M	831.5	26865		22.93	23.05
	Band 26	1	15M	831.5	26865	QPSK	1	0		Band 2	20M	1960	900		24.30	24.41
CA_2A-38A	Band 2	1	20M	1880	18900	QPSK	1	0		Band 38	20M	2595	38000	4x4MIMO	22.91	22.98
	Band 38	3	20M	2595	38000	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		23.44	23.52
CA_2C	Band 2	2	20M	1880	18900	QPSK	1	0		Band 2	20M	1979.8	1098		22.93	23.05
CA_4A-17A	Band 4	1	10M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 17	10M	740	5790		23.66	23.81
	Band 17	4	10M	710	23790	QPSK	1	0		Band 4	10M	2132.5	2175	4x4MIMO	24.32	24.48
CA_26A-38A	Band 26	1	15M	831.5	26865	QPSK	1	0		Band 38	20M	2595	38000	4x4MIMO	24.30	24.41
CA_7A-26A	Band 7	1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 26	15M	876.5	8865		23.37	23.47
	Band 26	4	15M	831.5	26865	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	24.39	24.55
CA_26A-41A	Band 26	1	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	24.30	24.41
CA_38A-41A	Band 38	1	20M	2595	38000	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	23.42	23.51
	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 38	20M	2595	38000	4x4MIMO	23.45	23.60
CA_38C	Band 38	1	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	23.42	23.51
CA_41C	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	23.45	23.60
CA_66B	Band 66	1	15M	1745	132322	QPSK	1	0		Band 66	5M	2164.3	66979		23.68	23.82
CA_66C	Band 66	1	20M	1745	132322	QPSK	1	0		Band 66	20M	2164.8	66984		23.78	23.94

3CA DL

3CA List	PCC									SCC1					SCC2					Power	
	LTE Band	BW Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2A-4A-5A	Band 2	2	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		22.96	23.05
	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1960	900		23.74	23.86
	Band 5	4	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900		Band 4	20M	2132.5	2175	4x4MIMO	24.37	24.53
CA_2A-4A-7A	Band 2	2	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.96	23.05
	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900		23.74	23.86
	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	10M	20M	1960	900		Band 4	20M	2132.5	2175	4x4MIMO	23.65	23.75
CA_2A-5A-7A	Band 2	2	20M	1880	18900	QPSK	1	0		Band 5	10M	881.5	2525		Band 7	20M	2655	3100	4x4MIMO	22.96	23.05
	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900		24.18	24.34
	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		Band 5	10M	881.5	2525		23.65	23.75
CA_2A-7A-7A	Band 2	2	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	22.96	23.05
	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 2	20M	1960	900		23.65	23.75
CA_2A-7A-66A	Band 2	2	20M	1880	18900	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.96	23.05
	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		Band 66	20M	2155	66886	4x4MIMO	23.65	23.75
	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900		23.87	23.94
CA_2A-7C	Band 2	2	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.96	23.05
	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 2	20M	1960	900		23.65	23.75
CA_4A-4A-7A	Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	23.18	23.30
	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	23.65	23.75
CA_4A-7C	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	23.74	23.86
	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	23.65	23.75
CA_5A-7A-7A	Band 5	4	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	24.37	24.53
	Band 7	1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 5	10M	881.5	2525		23.38	23.47
CA_5A-7A-66A	Band 5	4	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	24.37	24.53
	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	23.65	23.75
	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 5	10M	881.5	2525		23.87	23.94
CA_5A-7C	Band 5	4	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	24.37	24.53
	Band 7	1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 5	10M	881.5	2525		23.38	23.47
CA_7A-66A-66A	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	23.65	23.75
	Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	23.29	23.37
CA_41A-41A-41A	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	23.53	23.60
CA_41D	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	23.53	23.60
CA_2A-2A-5A	Band 2	2	20M	1880	18900	QPSK	1	0		Band 2	5M	1987.5	1175		Band 5	10M	881.5	2525		22.88	23.05
	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 2	20M	1880	900		Band 2	5M	1987.5	1175		24.21	24.34

Appendix G. Power reduction mechanism verification

The detailed Power reduction mechanism verification data are shown as follows.

Power reduction mechanism verification

According to the May 2017 TCBC Workshop, Demonstration of proper functioning of the detection and triggering mechanisms is required to support the corresponding RF exposure conditions. The verification is through a base station simulator is used to establish a conducted RF connection and monitor output power under different operating conditions related to the power reduction mechanisms. Detail of power reduction mechanisms referring to Operational Description

1. Power Verification Procedure

The power verification was performed according to the following procedure:

1. A base station simulator was used to establish a conducted RF connection and the output power was monitored. The power measurements were confirmed to be within expected tolerances for all states before and after a power reduction mechanism was triggered.
2. Step 1 was repeated for all relevant modes and frequency bands for the mechanism being investigated.
3. Steps 1 and 2 were repeated for all individual power reduction mechanisms and combinations thereof. For the combination cases, one mechanism was switched to a 'triggered' state at a time; powers were confirmed to be within tolerances after each additional mechanism was activated.

General Note:

1. This device uses different Device State Indices (DSI) to configure different time averaged power levels based on certain exposure scenarios. This device uses Proximity sensors/receiver detect mechanism to configure different time averaged power levels based on certain exposure scenarios. Receiver on represents the case where the device is held to ear, sensor on and receiver off represents the case when hotspot/Body-worn/extremity exposure condition.
2. Select the bands with the largest power reduction for power verification：
   a. Establish voice call and audio routed through the earpiece to monitor output power under head power states.
      - LTE Band 2/48 is set at 'highest BW, 1RB, RB Offset = 0, QPSK'.

   b. Establish data connection monitor hotspot/body worn/extremity power state.
      - GSM1900 is set to GPRS 4TX slot, LTE Band 2 is set at 'highest BW, 1RB, RB Offset = 0, QPSK', WCDMA II is set RMC 12.2Kbps, 5G FR1 n38 is set at highest BW, 1RB, RB offset = 1.
      - Body Detect mechanism was performed for the in-hand and on a stationary object (placed on a table).
3. In this power validation purpose is to demonstrate of proper functioning of the detection and triggering mechanisms to support the corresponding RF exposure conditions.
4. Verification performed for one technology/Band to demonstrate that the power reduction applies for same technology/band and call origination.

2. Verification output Power Results

Head exposure conditions

Head Exposure Condition		Output Power for Voice Call			
Ear acoustic output Status:		ON		OFF	
Power state		WWAN DSI1		WWAN DSI2	
Wireless technology	Antenna	Measured (dBm)	Max. Tune-up (dBm)	Measured (dBm)	Max. Tune-up (dBm)
LTE Band 2	Ant4	15.10	16.00	22.10	23.00
LTE Band 48	Ant5	17.90	19.00	24.43	25.50

Hotspot/Body worn/Extremity exposure condition

Exposure Condition		Output Power for data connection			
Sensor Status		OFF		ON	
Power state		WWAN DSI2		WWAN DSI4	
Wireless Technology	Antenna	Measured (dBm)	Max. Tune-up (dBm)	Measured (dBm)	Max. Tune-up (dBm)
GSM1900（GPRS 4Tx slots）	Ant 4	24.85	26.00	20.88	22.00
WCDMA II	Ant 4	22.62	23.50	17.59	18.50
LTE Band 2	Ant 4	22.08	23.00	17.15	18.00
FR1 n38	Ant 4	21.54	23.00	16.05	17.50