



REPORT No.: SZ25070305S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacturer's document.

Band 2 (1900MHz Band) (dBm) Part 24E								
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)	
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.15	23.18	23.10	25	
20	QPSK	1	49	23.08	23.15	23.11		
20	QPSK	1	99	23.13	23.14	23.08		
20	QPSK	50	0	22.22	22.30	22.28		
20	QPSK	50	24	22.21	22.27	22.20	24	
20	QPSK	50	50	22.21	22.28	22.23		
20	QPSK	100	0	22.16	22.24	22.22		
20	16QAM	1	0	22.21	22.23	22.19		
20	16QAM	1	49	22.12	22.20	22.16	24	
20	16QAM	1	99	22.13	22.19	22.12		
20	16QAM	50	0	21.25	21.27	21.21		
20	16QAM	50	24	21.18	21.23	21.21		
20	16QAM	50	50	21.19	21.25	21.24	23	
20	16QAM	100	0	21.09	21.17	21.16		
Channel				18675	18900	19125	Tune-up limit (dBm)	
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.10	23.14	23.03	25	
15	QPSK	1	37	23.06	23.10	23.05		
15	QPSK	1	74	23.10	23.09	23.02		
15	QPSK	36	0	22.14	22.29	22.23		
15	QPSK	36	20	22.16	22.20	22.19	24	
15	QPSK	36	39	22.17	22.19	22.15		
15	QPSK	75	0	22.15	22.18	22.19		
15	16QAM	1	0	22.19	22.15	22.17		
15	16QAM	1	37	22.04	22.18	22.14	24	
15	16QAM	1	74	22.06	22.12	22.08		
15	16QAM	36	0	21.18	21.21	21.13		
15	16QAM	36	20	21.12	21.18	21.14		
15	16QAM	36	39	21.14	21.23	21.21	23	
15	16QAM	75	0	21.05	21.09	21.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.13	23.10	23.04	25	
10	QPSK	1	25	23.03	23.10	23.10		
10	QPSK	1	49	23.05	23.12	23.02		
10	QPSK	25	0	22.18	22.29	22.25		
10	QPSK	25	12	22.20	22.23	22.17	24	
10	QPSK	25	25	22.18	22.20	22.17		
10	QPSK	50	0	22.09	22.16	22.18		
10	16QAM	1	0	22.20	22.16	22.17		
10	16QAM	1	25	22.04	22.17	22.09	24	
10	16QAM	1	49	22.05	22.18	22.10		
10	16QAM	25	0	21.23	21.19	21.16		
10	16QAM	25	12	21.15	21.18	21.19		
10	16QAM	25	25	21.12	21.18	21.17	23	
10	16QAM	50	0	21.08	21.13	21.08		
Channel				18625	18900	19175	Tune-up limit (dBm)	
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.14	23.13	23.05	25	
5	QPSK	1	12	23.01	23.13	23.08		
5	QPSK	1	24	23.12	23.10	23.01		
5	QPSK	12	0	22.18	22.26	22.24		
5	QPSK	12	7	22.16	22.25	22.18	24	
5	QPSK	12	13	22.14	22.24	22.18		
5	QPSK	25	0	22.14	22.17	22.15		
5	16QAM	1	0	22.16	22.18	22.16		
5	16QAM	1	12	22.05	22.19	22.09	24	
5	16QAM	1	24	22.06	22.12	22.07		
5	16QAM	12	0	21.19	21.19	21.13		
5	16QAM	12	7	21.14	21.18	21.13		
5	16QAM	12	13	21.15	21.24	21.18	23	
5	16QAM	25	0	21.01	21.13	21.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.14	23.11	23.02	25	
3	QPSK	1	8	23.01	23.13	23.05		
3	QPSK	1	14	23.09	23.10	23.05		
3	QPSK	8	0	22.16	22.28	22.22		
3	QPSK	8	4	22.15	22.20	22.13	24	
3	QPSK	8	7	22.18	22.19	22.19		
3	QPSK	15	0	22.08	22.23	22.17		
3	16QAM	1	0	22.18	22.18	22.15		
3	16QAM	1	8	22.04	22.14	22.15	24	
3	16QAM	1	14	22.11	22.12	22.07		
3	16QAM	8	0	21.17	21.22	21.14		
3	16QAM	8	4	21.14	21.21	21.15		
3	16QAM	8	7	21.11	21.24	21.23	23	
3	16QAM	15	0	21.06	21.13	21.08		
Channel				18607	18900	19193	Tune-up limit (dBm)	
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.11	23.14	23.04	25	
1.4	QPSK	1	3	23.01	23.11	23.04		
1.4	QPSK	1	5	23.09	23.07	23.00		
1.4	QPSK	3	0	23.09	23.05	23.04		
1.4	QPSK	3	1	23.02	23.01	23.04	24	
1.4	QPSK	3	3	23.06	23.06	23.00		
1.4	QPSK	6	0	22.10	22.22	22.17		
1.4	16QAM	1	0	22.17	22.21	22.11		
1.4	16QAM	1	3	22.04	22.19	22.09	24	
1.4	16QAM	1	5	22.12	22.12	22.10		
1.4	16QAM	3	0	22.09	22.06	22.06		
1.4	16QAM	3	1	22.05	22.02	22.01		
1.4	16QAM	3	3	22.04	22.01	22.08	23	
1.4	16QAM	6	0	21.01	21.10	21.14		

Band 4 (AWS Band) (dBm) Part 27L (only on channel required)								
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)	
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.21	23.24	23.19	25	
20	QPSK	1	49	23.16	23.18	23.10		
20	QPSK	1	99	23.05	23.11	23.03		
20	QPSK	50	0	22.24	22.28	22.20		
20	QPSK	50	24	22.25	22.28	22.25	24	
20	QPSK	50	50	22.28	22.30	22.27		
20	QPSK	100	0	22.21	22.26	22.22		
20	16QAM	1	0	22.23	22.24	22.19		
20	16QAM	1	49	22.18	22.20	22.17	24	
20	16QAM	1	99	22.17	22.21	22.20		
20	16QAM	50	0	21.22	21.27	21.20		
20	16QAM	50	24	21.15	21.23	21.17		
20	16QAM	50	50	21.25	21.26	21.25	23	
20	16QAM	100	0	21.15	21.20	21.16		
Channel				20025	20175	20325	Tune-up limit (dBm)	
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.19	23.20	23.15	25	
15	QPSK	1	37	23.11	23.13	23.07		
15	QPSK	1	74	23.01	23.09	23.02		
15	QPSK	36	0	22.19	22.20	22.15		
15	QPSK	36	20	22.24	22.26	22.21	24	
15	QPSK	36	39	22.24	22.22	22.25		
15	QPSK	75	0	22.14	22.19	22.21		
15	16QAM	1	0	22.19	22.16	22.16		
15	16QAM	1	37	22.16	22.16	22.10	24	
15	16QAM	1	74	22.16	22.17	22.13		
15	16QAM	36	0	21.16	21.19	21.14		
15	16QAM	36	20	21.09	21.15	21.12		
15	16QAM	36	39	21.17	21.23	21.22	23	
15	16QAM	75	0	21.14	21.17	21.12		
Channel				20000	20175	20350	Tune-up limit (dBm)	
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.14	23.23	23.17	25	
10	QPSK	1	25	23.08	23.13	23.07		
10	QPSK	1	49	23.01	23.04	23.05		
10	QPSK	25	0	22.18	22.22	22.14		
10	QPSK	25	12	22.23	22.27	22.22	24	
10	QPSK	25	25	22.27	22.25	22.20		
10	QPSK	50	0	22.19	22.20	22.17		
10	16QAM	1	0	22.17	22.21	22.13		
10	16QAM	1	25	22.16	22.19	22.15	24	
10	16QAM	1	49	22.11	22.19	22.19		
10	16QAM	25	0	21.15	21.22	21.17		
10	16QAM	25	12	21.09	21.17	21.14		
10	16QAM	25	25	21.22	21.21	21.22	23	
10	16QAM	50	0	21.13	21.15	21.11		
Channel				19975	20175	20375	Tune-up limit (dBm)	
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.16	23.16	23.12	25	
5	QPSK	1	12	23.15	23.11	23.08		
5	QPSK	1	24	23.01	23.08	23.04		
5	QPSK	12	0	22.22	22.25	22.18	24	
5	QPSK	12	7	22.19	22.24	22.20		
5	QPSK	12	13	22.20	22.27	22.20		
5	QPSK	25	0	22.15	22.23	22.18		
5	16QAM	1	0	22.21	22.20	22.14	24	
5	16QAM	1	12	22.14	22.12	22.09		
5	16QAM	1	24	22.16	22.16	22.18		
5	16QAM	12	0	21.17	21.25	21.15		
5	16QAM	12	7	21.08	21.16	21.15	23	
5	16QAM	12	13	21.22	21.18	21.18		
5	16QAM	25	0	21.07	21.13	21.09		
Channel				19965	20175	20385		Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.16	23.18	23.13	25	
3	QPSK	1	8	23.08	23.14	23.02		
3	QPSK	1	14	23.08	23.10	23.09		
3	QPSK	8	0	22.16	22.22	22.18	24	
3	QPSK	8	4	22.24	22.20	22.17		
3	QPSK	8	7	22.27	22.24	22.26		
3	QPSK	15	0	22.15	22.19	22.15		
3	16QAM	1	0	22.21	22.16	22.13	24	
3	16QAM	1	8	22.13	22.17	22.11		
3	16QAM	1	14	22.16	22.14	22.14		
3	16QAM	8	0	21.14	21.25	21.16		
3	16QAM	8	4	21.08	21.21	21.10	23	
3	16QAM	8	7	21.23	21.21	21.22		
3	16QAM	15	0	21.13	21.16	21.13		
Channel				19957	20175	20393		Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.14	23.22	23.13	25	
1.4	QPSK	1	3	23.09	23.10	23.08		
1.4	QPSK	1	5	23.02	23.10	23.09		
1.4	QPSK	3	0	23.00	23.00	23.03		
1.4	QPSK	3	1	23.01	23.06	23.03		
1.4	QPSK	3	3	23.06	23.06	23.10		
1.4	16QAM	1	0	22.20	22.21	22.17	24	
1.4	16QAM	1	3	22.10	22.12	22.15		
1.4	16QAM	1	5	22.15	22.15	22.12		
1.4	16QAM	3	0	22.06	22.00	22.07		
1.4	16QAM	3	1	22.05	22.08	22.05	24	
1.4	16QAM	3	3	22.03	22.03	22.10		
1.4	16QAM	6	0	21.11	21.13	21.12		23

Band 5 (Celluar Band) (dBm) Part 22H(only on channel required)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				20450	20525	20600	25
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.49	23.52	23.51	
10	QPSK	1	25	23.39	23.46	23.45	24
10	QPSK	1	49	23.33	23.36	23.31	
10	QPSK	25	0	22.57	22.58	22.53	
10	QPSK	25	12	22.52	22.55	22.52	24
10	QPSK	25	25	22.52	22.59	22.54	
10	QPSK	50	0	22.50	22.56	22.53	
10	16QAM	1	0	22.51	22.53	22.48	24
10	16QAM	1	25	22.46	22.49	22.42	
10	16QAM	1	49	22.42	22.49	22.46	
10	16QAM	25	0	21.46	21.51	21.48	23
10	16QAM	25	12	21.45	21.47	21.39	
10	16QAM	25	25	21.52	21.53	21.48	
10	16QAM	50	0	21.43	21.46	21.44	25
Channel				20425	20525	20625	
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.47	23.51	23.43	25
5	QPSK	1	12	23.38	23.41	23.41	
5	QPSK	1	24	23.32	23.35	23.30	
5	QPSK	12	0	22.51	22.51	22.51	24
5	QPSK	12	7	22.47	22.54	22.46	
5	QPSK	12	13	22.48	22.51	22.52	
5	QPSK	25	0	22.49	22.55	22.51	24
5	16QAM	1	0	22.47	22.47	22.43	
5	16QAM	1	12	22.38	22.43	22.41	
5	16QAM	1	24	22.39	22.45	22.45	23
5	16QAM	12	0	21.39	21.48	21.42	
5	16QAM	12	7	21.43	21.46	21.34	
5	16QAM	12	13	21.44	21.45	21.40	23
5	16QAM	25	0	21.39	21.45	21.41	
Channel				20415	20525	20635	25
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.41	23.46	23.48	25
3	QPSK	1	8	23.35	23.38	23.40	
3	QPSK	1	14	23.25	23.29	23.30	
3	QPSK	8	0	22.49	22.56	22.51	24
3	QPSK	8	4	22.44	22.53	22.50	
3	QPSK	8	7	22.49	22.52	22.47	
3	QPSK	15	0	22.43	22.48	22.49	24
3	16QAM	1	0	22.45	22.48	22.47	
3	16QAM	1	8	22.43	22.44	22.39	
3	16QAM	1	14	22.37	22.43	22.38	23
3	16QAM	8	0	21.38	21.50	21.47	
3	16QAM	8	4	21.39	21.42	21.33	
3	16QAM	8	7	21.47	21.48	21.45	23
3	16QAM	15	0	21.42	21.43	21.36	
Channel				20407	20525	20643	25
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.46	23.48	23.50	25
1.4	QPSK	1	3	23.37	23.43	23.38	
1.4	QPSK	1	5	23.29	23.29	23.30	
1.4	QPSK	3	0	23.28	23.25	23.22	24
1.4	QPSK	3	1	23.19	23.26	23.22	
1.4	QPSK	3	3	23.23	23.28	23.23	
1.4	QPSK	6	0	22.46	22.54	22.46	24
1.4	16QAM	1	0	22.45	22.45	22.40	
1.4	16QAM	1	3	22.45	22.46	22.41	
1.4	16QAM	1	5	22.36	22.44	22.43	24
1.4	16QAM	3	0	22.20	22.18	22.22	
1.4	16QAM	3	1	22.12	22.15	22.13	
1.4	16QAM	3	3	22.25	22.24	22.16	23
1.4	16QAM	6	0	21.35	21.42	21.40	

Band 7 (2600MHz Band) (dBm) Part 27							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				20850	21100	21350	25
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.17	23.20	23.15	25
20	QPSK	1	49	23.11	23.15	23.12	
20	QPSK	1	99	23.05	23.12	23.08	
20	QPSK	50	0	22.14	22.22	22.15	24
20	QPSK	50	24	22.13	22.20	22.13	
20	QPSK	50	50	22.13	22.19	22.18	
20	QPSK	100	0	22.17	22.23	22.19	24
20	16QAM	1	0	22.13	22.19	22.15	
20	16QAM	1	49	22.10	22.11	22.05	
20	16QAM	1	99	22.14	22.16	22.14	23
20	16QAM	50	0	21.15	21.18	21.11	
20	16QAM	50	24	21.11	21.15	21.07	
20	16QAM	50	50	21.18	21.22	21.17	23
20	16QAM	100	0	21.10	21.15	21.11	
Channel				20825	21100	21375	25
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.10	23.17	23.09	25
15	QPSK	1	37	23.06	23.13	23.10	
15	QPSK	1	74	23.04	23.04	23.05	
15	QPSK	36	0	22.08	22.15	22.10	24
15	QPSK	36	20	22.11	22.17	22.08	
15	QPSK	36	39	22.11	22.11	22.10	
15	QPSK	75	0	22.13	22.22	22.15	24
15	16QAM	1	0	22.09	22.15	22.09	
15	16QAM	1	37	22.07	22.08	21.98	
15	16QAM	1	74	22.11	22.12	22.13	23
15	16QAM	36	0	21.08	21.13	21.05	
15	16QAM	36	20	21.05	21.11	21.02	
15	16QAM	36	39	21.17	21.14	21.11	23
15	16QAM	75	0	21.02	21.07	21.04	
Channel				20800	21100	21400	25
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.14	23.14	23.14	25
10	QPSK	1	25	23.08	23.10	23.05	
10	QPSK	1	49	23.00	23.07	23.03	
10	QPSK	25	0	22.10	22.18	22.13	24
10	QPSK	25	12	22.07	22.19	22.11	
10	QPSK	25	25	22.10	22.18	22.16	
10	QPSK	50	0	22.11	22.20	22.15	24
10	16QAM	1	0	22.05	22.18	22.08	
10	16QAM	1	25	22.06	22.04	22.02	
10	16QAM	1	49	22.07	22.12	22.06	23
10	16QAM	25	0	21.12	21.16	21.09	
10	16QAM	25	12	21.10	21.09	21.03	
10	16QAM	25	25	21.11	21.16	21.12	23
10	16QAM	50	0	21.08	21.11	21.03	
Channel				20775	21100	21425	25
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.13	23.17	23.09	25
5	QPSK	1	12	23.05	23.13	23.06	
5	QPSK	1	24	23.02	23.10	23.01	
5	QPSK	12	0	22.12	22.14	22.12	24
5	QPSK	12	7	22.08	22.17	22.10	
5	QPSK	12	13	22.05	22.15	22.15	
5	QPSK	25	0	22.15	22.16	22.17	24
5	16QAM	1	0	22.06	22.17	22.11	
5	16QAM	1	12	22.08	22.05	22.00	
5	16QAM	1	24	22.11	22.12	22.07	23
5	16QAM	12	0	21.13	21.17	21.05	
5	16QAM	12	7	21.09	21.07	21.06	
5	16QAM	12	13	21.12	21.17	21.11	23
5	16QAM	25	0	21.05	21.07	21.09	

Band 12 (700MHz Low Band) (dBm) Part 27F(only on channel required)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				23060	23095	23130	25
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.51	23.52	23.49	
10	QPSK	1	25	23.41	23.48	23.47	24
10	QPSK	1	49	23.28	23.38	23.33	
10	QPSK	25	0	22.54	22.56	22.53	
10	QPSK	25	12	22.54	22.57	22.49	
10	QPSK	25	25	22.53	22.55	22.52	
10	QPSK	50	0	22.45	22.57	22.50	24
10	16QAM	1	0	22.46	22.50	22.47	
10	16QAM	1	25	22.45	22.46	22.42	
10	16QAM	1	49	22.44	22.46	22.46	
10	16QAM	25	0	21.44	21.48	21.48	
10	16QAM	25	12	21.41	21.48	21.40	23
10	16QAM	25	25	21.47	21.49	21.46	
10	16QAM	50	0	21.39	21.43	21.39	
Channel				23035	23095	23155	25
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.46	23.50	23.45	
5	QPSK	1	12	23.36	23.40	23.45	24
5	QPSK	1	24	23.24	23.32	23.29	
5	QPSK	12	0	22.46	22.55	22.52	
5	QPSK	12	7	22.51	22.53	22.46	
5	QPSK	12	13	22.46	22.51	22.44	
5	QPSK	25	0	22.39	22.55	22.46	24
5	16QAM	1	0	22.38	22.43	22.46	
5	16QAM	1	12	22.39	22.44	22.39	
5	16QAM	1	24	22.40	22.40	22.39	
5	16QAM	12	0	21.36	21.40	21.46	
5	16QAM	12	7	21.38	21.44	21.39	23
5	16QAM	12	13	21.44	21.41	21.39	
5	16QAM	25	0	21.35	21.41	21.31	
Channel				23025	23095	23165	25
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.49	23.46	23.43	
3	QPSK	1	8	23.37	23.45	23.39	24
3	QPSK	1	14	23.22	23.35	23.25	
3	QPSK	8	0	22.51	22.51	22.45	
3	QPSK	8	4	22.50	22.55	22.47	
3	QPSK	8	7	22.49	22.52	22.48	
3	QPSK	15	0	22.43	22.56	22.42	24
3	16QAM	1	0	22.42	22.47	22.39	
3	16QAM	1	8	22.37	22.42	22.36	
3	16QAM	1	14	22.36	22.42	22.42	
3	16QAM	8	0	21.40	21.42	21.46	
3	16QAM	8	4	21.35	21.46	21.34	23
3	16QAM	8	7	21.45	21.41	21.42	
3	16QAM	15	0	21.32	21.39	21.32	
Channel				23017	23095	23173	25
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.50	23.50	23.47	
1.4	QPSK	1	3	23.35	23.42	23.44	24
1.4	QPSK	1	5	23.26	23.30	23.27	
1.4	QPSK	3	0	23.30	23.35	23.26	
1.4	QPSK	3	1	23.30	23.30	23.26	
1.4	QPSK	3	3	23.25	23.28	23.31	
1.4	QPSK	6	0	22.39	22.52	22.42	24
1.4	16QAM	1	0	22.41	22.46	22.40	
1.4	16QAM	1	3	22.37	22.38	22.41	
1.4	16QAM	1	5	22.38	22.39	22.39	
1.4	16QAM	3	0	22.23	22.21	22.20	
1.4	16QAM	3	1	22.20	22.22	22.18	23
1.4	16QAM	3	3	22.23	22.23	22.23	
1.4	16QAM	6	0	21.33	21.36	21.32	23

Band 13(700MHz Band) (dBm)							
Part 27F							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				23230			
Frequency (MHz)				782			
10	QPSK	1	0		23.53		25
10	QPSK	1	25		23.49		
10	QPSK	1	49		23.37		
10	QPSK	25	0		22.57		
10	QPSK	25	12		22.58		
10	QPSK	25	25		22.50		24
10	QPSK	50	0		22.56		
10	16QAM	1	0		22.51		
10	16QAM	1	25		22.43		
10	16QAM	1	49		22.45		
10	16QAM	25	0		21.45		24
10	16QAM	25	12		21.46		
10	16QAM	25	25		21.50		
10	16QAM	50	0		21.43		
Channel				23205	23230	23255	
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	23.50	23.51	23.42	25
5	QPSK	1	12	23.36	23.40	23.40	
5	QPSK	1	24	23.24	23.32	23.30	
5	QPSK	12	0	22.50	22.49	22.50	
5	QPSK	12	7	22.49	22.50	22.47	
5	QPSK	12	13	22.48	22.50	22.47	24
5	QPSK	25	0	22.40	22.55	22.42	
5	16QAM	1	0	22.45	22.44	22.39	
5	16QAM	1	12	22.40	22.39	22.41	
5	16QAM	1	24	22.38	22.42	22.40	
5	16QAM	12	0	21.39	21.43	21.42	24
5	16QAM	12	7	21.33	21.46	21.32	
5	16QAM	12	13	21.42	21.48	21.41	
5	16QAM	25	0	21.35	21.37	21.38	

Band 17 (700MHz Band) (dBm)
Part 27H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.58	23.61	23.53	
10	QPSK	1	25	23.47	23.56	23.52	25
10	QPSK	1	49	23.30	23.47	23.39	
10	QPSK	25	0	22.57	22.58	22.57	
10	QPSK	25	12	22.59	22.59	22.53	24
10	QPSK	25	25	22.59	22.64	22.54	
10	QPSK	50	0	22.49	22.62	22.59	
10	16QAM	1	0	22.53	22.57	22.53	24
10	16QAM	1	25	22.54	22.55	22.46	
10	16QAM	1	49	22.52	22.48	22.50	
10	16QAM	25	0	21.53	21.51	21.52	23
10	16QAM	25	12	21.49	21.57	21.45	
10	16QAM	25	25	21.54	21.52	21.55	
10	16QAM	50	0	21.46	21.48	21.42	
Channel				23755	23790	23825	
Frequency (MHz)				706.5	710	713.5	Tune-up limit (dBm)
5	QPSK	1	0	23.50	23.55	23.47	25
5	QPSK	1	12	23.39	23.52	23.48	
5	QPSK	1	24	23.27	23.39	23.35	
5	QPSK	12	0	22.49	22.53	22.49	24
5	QPSK	12	7	22.58	22.53	22.51	
5	QPSK	12	13	22.51	22.61	22.52	
5	QPSK	25	0	22.45	22.60	22.54	24
5	16QAM	1	0	22.50	22.49	22.49	
5	16QAM	1	12	22.50	22.49	22.41	
5	16QAM	1	24	22.49	22.47	22.48	23
5	16QAM	12	0	21.51	21.46	21.47	
5	16QAM	12	7	21.45	21.51	21.38	
5	16QAM	12	13	21.51	21.49	21.49	
5	16QAM	25	0	21.42	21.44	21.35	

Band 25 (1900MHz Band) (dBm) Part 24E							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				26140	26365	26590	
Frequency (MHz)				1860	1882.5	1905	
20	QPSK	1	0	23.22	23.27	23.24	
20	QPSK	1	49	23.21	23.25	23.20	25
20	QPSK	1	99	23.09	23.14	23.13	
20	QPSK	50	0	22.26	22.31	22.24	
20	QPSK	50	24	22.19	22.26	22.20	24
20	QPSK	50	50	22.36	22.37	22.33	
20	QPSK	100	0	22.29	22.30	22.29	
20	16QAM	1	0	22.20	22.26	22.21	24
20	16QAM	1	49	22.19	22.26	22.25	
20	16QAM	1	99	22.16	22.21	22.14	
20	16QAM	50	0	21.22	21.24	21.20	23
20	16QAM	50	24	21.21	21.29	21.27	
20	16QAM	50	50	21.22	21.23	21.22	
20	16QAM	100	0	21.14	21.16	21.11	
Channel				26115	26365	26615	
Frequency (MHz)				1857.5	1882.5	1907.5	
15	QPSK	1	0	23.15	23.20	23.21	25
15	QPSK	1	37	23.14	23.21	23.14	
15	QPSK	1	74	23.07	23.13	23.06	
15	QPSK	36	0	22.22	22.27	22.23	24
15	QPSK	36	20	22.11	22.24	22.14	
15	QPSK	36	39	22.30	22.33	22.28	
15	QPSK	75	0	22.21	22.29	22.26	24
15	16QAM	1	0	22.14	22.19	22.19	
15	16QAM	1	37	22.13	22.23	22.20	
15	16QAM	1	74	22.12	22.20	22.11	23
15	16QAM	36	0	21.20	21.22	21.17	
15	16QAM	36	20	21.14	21.24	21.23	
15	16QAM	36	39	21.21	21.15	21.18	
15	16QAM	75	0	21.11	21.08	21.10	
Channel				26090	26365	26640	
Frequency (MHz)				1855	1882.5	1910	
10	QPSK	1	0	23.14	23.20	23.19	
10	QPSK	1	25	23.13	23.19	23.16	25
10	QPSK	1	49	23.01	23.12	23.09	
10	QPSK	25	0	22.22	22.26	22.22	24
10	QPSK	25	12	22.18	22.23	22.14	
10	QPSK	25	25	22.28	22.30	22.32	
10	QPSK	50	0	22.22	22.26	22.28	24
10	16QAM	1	0	22.19	22.20	22.13	
10	16QAM	1	25	22.12	22.23	22.24	
10	16QAM	1	49	22.11	22.14	22.06	23
10	16QAM	25	0	21.16	21.23	21.12	
10	16QAM	25	12	21.17	21.27	21.21	
10	16QAM	25	25	21.20	21.16	21.20	
10	16QAM	50	0	21.13	21.13	21.09	
Channel				26065	26365	26665	
Frequency (MHz)				1852.5	1882.5	1912.5	
5	QPSK	1	0	23.20	23.24	23.21	
5	QPSK	1	12	23.16	23.18	23.18	25
5	QPSK	1	24	23.03	23.12	23.07	
5	QPSK	12	0	22.18	22.27	22.18	24
5	QPSK	12	7	22.15	22.25	22.13	
5	QPSK	12	13	22.30	22.29	22.31	
5	QPSK	25	0	22.25	22.22	22.27	24
5	16QAM	1	0	22.13	22.20	22.15	
5	16QAM	1	12	22.18	22.21	22.20	
5	16QAM	1	24	22.13	22.17	22.07	23
5	16QAM	12	0	21.17	21.16	21.15	
5	16QAM	12	7	21.15	21.23	21.19	
5	16QAM	12	13	21.21	21.16	21.21	
5	16QAM	25	0	21.07	21.09	21.05	
Channel				26055	26365	26675	
Frequency (MHz)				1851.5	1882.5	1913.5	
3	QPSK	1	0	23.14	23.24	23.17	
3	QPSK	1	8	23.15	23.24	23.16	25
3	QPSK	1	14	23.05	23.08	23.06	
3	QPSK	8	0	22.22	22.27	22.19	24
3	QPSK	8	4	22.12	22.24	22.19	
3	QPSK	8	7	22.35	22.29	22.27	
3	QPSK	15	0	22.21	22.22	22.28	24
3	16QAM	1	0	22.12	22.24	22.20	
3	16QAM	1	8	22.15	22.25	22.24	
3	16QAM	1	14	22.15	22.17	22.11	23
3	16QAM	8	0	21.20	21.21	21.19	
3	16QAM	8	4	21.14	21.23	21.19	
3	16QAM	8	7	21.15	21.16	21.19	
3	16QAM	15	0	21.11	21.10	21.03	
Channel				26047	26365	26683	
Frequency (MHz)				1850.7	1882.5	1914.3	
1.4	QPSK	1	0	23.19	23.20	23.18	
1.4	QPSK	1	3	23.20	23.21	23.14	25
1.4	QPSK	1	5	23.03	23.07	23.09	
1.4	QPSK	3	0	23.03	23.06	23.07	24
1.4	QPSK	3	1	23.05	23.08	23.02	
1.4	QPSK	3	3	23.09	23.12	23.09	
1.4	QPSK	6	0	22.28	22.22	22.26	23
1.4	16QAM	1	0	22.18	22.20	22.14	
1.4	16QAM	1	3	22.17	22.24	22.17	
1.4	16QAM	1	5	22.08	22.18	22.12	22
1.4	16QAM	3	0	22.09	22.13	22.03	
1.4	16QAM	3	1	22.08	22.14	22.05	
1.4	16QAM	3	3	22.04	22.10	22.01	
1.4	16QAM	6	0	21.06	21.11	21.10	
1.4	16QAM	6	0	21.06	21.11	21.10	

Band 26 for FCC (dBm) (only on channel required)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	23.56	23.58	23.57	25
15	QPSK	1	37	23.50	23.52	23.46	
15	QPSK	1	74	23.36	23.43	23.42	
15	QPSK	36	0	22.49	22.54	22.49	
15	QPSK	36	20	22.52	22.54	22.49	
15	QPSK	36	39	22.51	22.59	22.56	24
15	QPSK	75	0	22.50	22.54	22.52	
15	16QAM	1	0	22.45	22.48	22.46	
15	16QAM	1	37	22.47	22.52	22.49	
15	16QAM	1	74	22.45	22.49	22.43	
15	16QAM	36	0	21.46	21.48	21.45	23
15	16QAM	36	20	21.51	21.52	21.47	
15	16QAM	36	39	21.41	21.49	21.44	
15	16QAM	75	0	21.40	21.44	21.43	
Channel				26740	26865	26990	
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.50	23.54	23.49	25
10	QPSK	1	25	23.42	23.44	23.39	
10	QPSK	1	49	23.30	23.39	23.38	
10	QPSK	25	0	22.44	22.48	22.46	
10	QPSK	25	12	22.50	22.47	22.47	
10	QPSK	25	25	22.47	22.54	22.54	24
10	QPSK	50	0	22.47	22.51	22.44	
10	16QAM	1	0	22.43	22.43	22.42	
10	16QAM	1	25	22.45	22.48	22.47	
10	16QAM	1	49	22.43	22.48	22.42	
10	16QAM	25	0	21.44	21.42	21.37	23
10	16QAM	25	12	21.46	21.49	21.40	
10	16QAM	25	25	21.40	21.48	21.38	
10	16QAM	50	0	21.38	21.42	21.40	
Channel				26715	26865	27015	
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.48	23.55	23.53	25
5	QPSK	1	12	23.45	23.48	23.42	
5	QPSK	1	24	23.33	23.40	23.37	
5	QPSK	12	0	22.45	22.48	22.47	
5	QPSK	12	7	22.49	22.52	22.44	
5	QPSK	12	13	22.44	22.55	22.48	24
5	QPSK	25	0	22.49	22.48	22.49	
5	16QAM	1	0	22.40	22.42	22.45	
5	16QAM	1	12	22.43	22.44	22.41	
5	16QAM	1	24	22.43	22.41	22.40	
5	16QAM	12	0	21.38	21.45	21.38	23
5	16QAM	12	7	21.46	21.47	21.46	
5	16QAM	12	13	21.40	21.45	21.41	
5	16QAM	25	0	21.38	21.39	21.40	
Channel				26705	26865	27025	
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	23.55	23.56	23.55	25
3	QPSK	1	8	23.47	23.51	23.43	
3	QPSK	1	14	23.33	23.37	23.39	
3	QPSK	8	0	22.46	22.46	22.43	
3	QPSK	8	4	22.50	22.53	22.43	
3	QPSK	8	7	22.49	22.54	22.54	24
3	QPSK	15	0	22.43	22.47	22.44	
3	16QAM	1	0	22.37	22.47	22.43	
3	16QAM	1	8	22.44	22.49	22.41	
3	16QAM	1	14	22.40	22.43	22.40	
3	16QAM	8	0	21.38	21.46	21.42	23
3	16QAM	8	4	21.44	21.46	21.45	
3	16QAM	8	7	21.35	21.45	21.38	
3	16QAM	15	0	21.39	21.36	21.37	
Channel				26697	26865	27033	
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	23.55	23.50	23.51	25
1.4	QPSK	1	3	23.48	23.48	23.40	
1.4	QPSK	1	5	23.34	23.40	23.34	
1.4	QPSK	3	0	23.34	23.36	23.32	
1.4	QPSK	3	1	23.32	23.38	23.29	
1.4	QPSK	3	3	23.37	23.40	23.39	24
1.4	QPSK	6	0	22.46	22.48	22.45	
1.4	16QAM	1	0	22.38	22.40	22.41	
1.4	16QAM	1	3	22.43	22.44	22.45	
1.4	16QAM	1	5	22.42	22.45	22.38	
1.4	16QAM	3	0	22.31	22.34	22.28	24
1.4	16QAM	3	1	22.31	22.33	22.29	
1.4	16QAM	3	3	22.21	22.33	22.29	
1.4	16QAM	6	0	21.38	21.41	21.40	

Band 41 (2496~2690MHz) (dBm)

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Low Channel	Middle Channel	Middle High Channel	High Channel	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.20	23.16	23.26	23.14	23.15	25
20	QPSK	1	49	23.16	23.16	23.20	23.13	23.12	
20	QPSK	1	99	23.14	23.12	23.11	23.14	23.05	
20	QPSK	50	0	22.18	22.21	22.15	22.15	22.09	
20	QPSK	50	24	22.14	22.12	22.26	22.10	22.08	24
20	QPSK	50	50	22.27	22.18	22.29	22.21	22.12	
20	QPSK	100	0	22.12	22.17	22.16	22.13	22.09	
20	16QAM	1	0	22.09	22.09	22.13	22.06	22.10	
20	16QAM	1	49	22.20	22.19	22.23	22.09	22.05	24
20	16QAM	1	99	22.15	22.18	22.19	22.12	22.06	
20	16QAM	50	0	21.20	21.14	21.20	21.15	21.16	
20	16QAM	50	24	21.16	21.11	21.15	21.09	21.13	
20	16QAM	50	50	21.16	21.20	21.17	21.14	21.10	23
20	16QAM	100	0	21.19	21.10	21.15	21.08	21.05	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.14	23.15	23.22	23.09	23.09	25
15	QPSK	1	37	23.09	23.15	23.12	23.07	23.07	
15	QPSK	1	74	23.10	23.11	23.05	23.09	23.03	
15	QPSK	36	0	22.12	22.20	22.08	22.09	22.06	
15	QPSK	36	20	22.08	22.09	22.21	22.05	22.05	24
15	QPSK	36	39	22.23	22.14	22.26	22.20	22.07	
15	QPSK	75	0	22.06	22.15	22.13	22.07	22.01	
15	16QAM	1	0	22.06	22.01	22.07	22.02	22.06	
15	16QAM	1	37	22.18	22.12	22.21	22.05	22.01	24
15	16QAM	1	74	22.13	22.15	22.12	22.07	22.01	
15	16QAM	36	0	21.16	21.07	21.17	21.10	21.15	
15	16QAM	36	20	21.09	21.03	21.08	21.03	21.12	
15	16QAM	36	39	21.13	21.13	21.11	21.06	21.03	23
15	16QAM	75	0	21.14	21.03	21.07	21.04	21.01	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.19	23.12	23.22	23.09	23.09	25
10	QPSK	1	25	23.14	23.15	23.15	23.10	23.11	
10	QPSK	1	49	23.06	23.10	23.10	23.08	23.02	
10	QPSK	25	0	22.14	22.15	22.07	22.12	22.08	
10	QPSK	25	12	22.06	22.09	22.18	22.07	22.05	24
10	QPSK	25	25	22.25	22.10	22.22	22.20	22.07	
10	QPSK	50	0	22.09	22.10	22.15	22.11	22.07	
10	16QAM	1	0	22.08	22.02	22.10	22.04	22.02	
10	16QAM	1	25	22.14	22.12	22.20	22.05	22.02	24
10	16QAM	1	49	22.09	22.13	22.14	22.05	22.03	
10	16QAM	25	0	21.14	21.09	21.12	21.11	21.10	
10	16QAM	25	12	21.08	21.07	21.10	21.05	21.07	
10	16QAM	25	25	21.09	21.18	21.12	21.10	21.03	23
10	16QAM	50	0	21.15	21.06	21.12	21.07	21.01	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.12	23.13	23.25	23.12	23.10	25
5	QPSK	1	12	23.13	23.08	23.18	23.05	23.07	
5	QPSK	1	24	23.11	23.04	23.04	23.12	23.00	
5	QPSK	12	0	22.10	22.15	22.12	22.13	22.06	
5	QPSK	12	7	22.06	22.04	22.19	22.02	22.07	24
5	QPSK	12	13	22.19	22.13	22.24	22.17	22.05	
5	QPSK	25	0	22.05	22.15	22.08	22.11	22.07	
5	16QAM	1	0	22.04	22.08	22.10	22.02	22.07	
5	16QAM	1	12	22.18	22.15	22.20	22.08	22.00	24
5	16QAM	1	24	22.14	22.12	22.11	22.05	22.00	
5	16QAM	12	0	21.12	21.09	21.17	21.08	21.10	
5	16QAM	12	7	21.09	21.10	21.07	21.01	21.08	
5	16QAM	12	13	21.12	21.15	21.09	21.06	21.07	23
5	16QAM	25	0	21.16	21.09	21.08	21.02	21.04	

Band 66 (dBm)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				132072	132322	132572	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.15	23.18	23.17	
20	QPSK	1	49	23.12	23.16	23.15	25
20	QPSK	1	99	23.01	23.07	23.03	
20	QPSK	50	0	22.15	22.16	22.10	
20	QPSK	50	24	22.09	22.15	22.10	24
20	QPSK	50	50	22.17	22.18	22.10	
20	QPSK	100	0	22.10	22.15	22.14	
20	16QAM	1	0	22.06	22.08	22.07	24
20	16QAM	1	49	22.15	22.18	22.11	
20	16QAM	1	99	22.11	22.13	22.10	
20	16QAM	50	0	21.04	21.11	21.04	23
20	16QAM	50	24	21.07	21.15	21.07	
20	16QAM	50	50	21.13	21.14	21.09	
20	16QAM	100	0	21.06	21.09	21.07	Tune-up limit (dBm)
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.13	23.14	23.11	25
15	QPSK	1	37	23.08	23.15	23.12	
15	QPSK	1	74	23.01	23.05	23.07	
15	QPSK	36	0	22.08	22.08	22.08	24
15	QPSK	36	20	22.06	22.14	22.03	
15	QPSK	36	39	22.14	22.11	22.05	
15	QPSK	75	0	22.05	22.07	22.12	24
15	16QAM	1	0	22.00	22.03	22.02	
15	16QAM	1	37	22.11	22.16	22.06	
15	16QAM	1	74	22.04	22.06	22.09	23
15	16QAM	36	0	21.03	21.09	21.00	
15	16QAM	36	20	21.04	21.13	21.00	
15	16QAM	36	39	21.12	21.12	21.02	Tune-up limit (dBm)
15	16QAM	75	0	21.03	21.05	21.05	
Channel				132022	132322	132622	
Frequency (MHz)				1715	1745	1775	25
10	QPSK	1	0	23.12	23.16	23.14	
10	QPSK	1	25	23.08	23.15	23.12	24
10	QPSK	1	49	23.06	23.04	23.06	
10	QPSK	25	0	22.11	22.12	22.06	24
10	QPSK	25	12	22.08	22.09	22.06	
10	QPSK	25	25	22.15	22.13	22.09	
10	QPSK	50	0	22.04	22.10	22.11	24
10	16QAM	1	0	22.03	22.03	22.01	
10	16QAM	1	25	22.09	22.10	22.04	
10	16QAM	1	49	22.06	22.08	22.04	23
10	16QAM	25	0	21.02	21.09	21.05	
10	16QAM	25	12	21.01	21.10	21.06	
10	16QAM	25	25	21.07	21.08	21.07	Tune-up limit (dBm)
10	16QAM	50	0	21.01	21.05	21.00	
Channel				131997	132322	132647	
Frequency (MHz)				1712.5	1745	1777.5	25
5	QPSK	1	0	23.10	23.15	23.15	
5	QPSK	1	12	23.11	23.08	23.11	24
5	QPSK	1	24	23.04	23.04	23.02	
5	QPSK	12	0	22.13	22.10	22.06	24
5	QPSK	12	7	22.05	22.11	22.05	
5	QPSK	12	13	22.14	22.12	22.09	
5	QPSK	25	0	22.05	22.14	22.09	24
5	16QAM	1	0	22.00	22.00	22.03	
5	16QAM	1	12	22.12	22.15	22.05	
5	16QAM	1	24	22.03	22.11	22.02	23
5	16QAM	12	0	21.02	21.05	21.05	
5	16QAM	12	7	21.02	21.11	21.04	
5	16QAM	12	13	21.07	21.13	21.01	Tune-up limit (dBm)
5	16QAM	25	0	21.04	21.02	21.06	
Channel				131987	132322	132657	
Frequency (MHz)				1711.5	1745	1778.5	25
3	QPSK	1	0	23.11	23.14	23.09	
3	QPSK	1	8	23.05	23.13	23.10	24
3	QPSK	1	14	23.06	23.05	23.04	
3	QPSK	8	0	22.07	22.14	22.02	24
3	QPSK	8	4	22.01	22.11	22.03	
3	QPSK	8	7	22.13	22.14	22.04	
3	QPSK	15	0	22.02	22.10	22.13	24
3	16QAM	1	0	22.04	22.03	22.02	
3	16QAM	1	8	22.13	22.16	22.07	
3	16QAM	1	14	22.08	22.12	22.09	23
3	16QAM	8	0	21.04	21.08	21.06	
3	16QAM	8	4	21.06	21.08	21.02	
3	16QAM	8	7	21.10	21.13	21.08	Tune-up limit (dBm)
3	16QAM	15	0	21.04	21.07	21.03	
Channel				131979	132322	132665	
Frequency (MHz)				1710.7	1745	1779.3	25
1.4	QPSK	1	0	23.10	23.12	23.10	
1.4	QPSK	1	3	23.08	23.11	23.11	24
1.4	QPSK	1	5	23.07	23.03	23.02	
1.4	QPSK	3	0	23.04	23.01	23.04	24
1.4	QPSK	3	1	23.03	23.05	23.06	
1.4	QPSK	3	3	23.04	23.03	23.00	
1.4	QPSK	6	0	22.07	22.08	22.09	24
1.4	16QAM	1	0	22.00	22.03	22.00	
1.4	16QAM	1	3	22.13	22.13	22.06	
1.4	16QAM	1	5	22.08	22.10	22.04	23
1.4	16QAM	3	0	22.04	22.05	22.02	
1.4	16QAM	3	1	22.01	22.02	22.02	
1.4	16QAM	3	3	22.04	22.05	22.04	23
1.4	16QAM	6	0	21.04	21.03	21.05	

Band 71 (dBm)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				133222	133322	133372	Tune-up limit (dBm)
Frequency (MHz)				673	683	688	
20	QPSK	1	0	23.41	23.42	23.41	25
20	QPSK	1	49	23.34	23.40	23.38	
20	QPSK	1	99	23.27	23.31	23.25	
20	QPSK	50	0	22.32	22.40	22.35	24
20	QPSK	50	24	22.38	22.39	22.35	
20	QPSK	50	50	22.41	22.42	22.38	
20	QPSK	100	0	22.32	22.39	22.35	24
20	16QAM	1	0	22.28	22.32	22.28	
20	16QAM	1	49	22.40	22.42	22.36	
20	16QAM	1	99	22.34	22.37	22.32	23
20	16QAM	50	0	21.34	21.35	21.33	
20	16QAM	50	24	21.31	21.39	21.36	
20	16QAM	50	50	21.34	21.38	21.32	Tune-up limit (dBm)
20	16QAM	100	0	21.31	21.33	21.27	
Channel				133197	133297	133397	
Frequency (MHz)				670.5	680.5	690.5	25
15	QPSK	1	0	23.33	23.38	23.37	
15	QPSK	1	37	23.32	23.33	23.34	24
15	QPSK	1	74	23.24	23.30	23.20	
15	QPSK	36	0	22.29	22.34	22.30	24
15	QPSK	36	20	22.34	22.38	22.30	
15	QPSK	36	39	22.33	22.39	22.30	
15	QPSK	75	0	22.29	22.31	22.28	24
15	16QAM	1	0	22.20	22.25	22.24	
15	16QAM	1	37	22.36	22.34	22.30	
15	16QAM	1	74	22.29	22.36	22.26	23
15	16QAM	36	0	21.28	21.27	21.28	
15	16QAM	36	20	21.29	21.35	21.30	
15	16QAM	36	39	21.30	21.30	21.30	Tune-up limit (dBm)
15	16QAM	75	0	21.24	21.31	21.25	
Channel				133172	133272	133422	
Frequency (MHz)				668	678	693	25
10	QPSK	1	0	23.33	23.34	23.37	
10	QPSK	1	25	23.32	23.35	23.32	24
10	QPSK	1	49	23.26	23.26	23.21	
10	QPSK	25	0	22.27	22.36	22.27	24
10	QPSK	25	12	22.33	22.37	22.34	
10	QPSK	25	25	22.33	22.36	22.34	
10	QPSK	50	0	22.27	22.32	22.31	24
10	16QAM	1	0	22.24	22.29	22.26	
10	16QAM	1	25	22.35	22.41	22.29	
10	16QAM	1	49	22.27	22.34	22.28	23
10	16QAM	25	0	21.31	21.34	21.27	
10	16QAM	25	12	21.26	21.36	21.32	
10	16QAM	25	25	21.30	21.32	21.30	Tune-up limit (dBm)
10	16QAM	50	0	21.29	21.27	21.21	
Channel				133147	133247	133447	
Frequency (MHz)				665.5	675.5	695.5	25
5	QPSK	1	0	23.39	23.38	23.34	
5	QPSK	1	12	23.32	23.37	23.33	24
5	QPSK	1	24	23.22	23.26	23.17	
5	QPSK	12	0	22.28	22.35	22.34	24
5	QPSK	12	7	22.34	22.36	22.29	
5	QPSK	12	13	22.35	22.40	22.37	
5	QPSK	25	0	22.31	22.36	22.34	24
5	16QAM	1	0	22.22	22.31	22.27	
5	16QAM	1	12	22.39	22.35	22.33	24
5	16QAM	1	24	22.27	22.36	22.24	
5	16QAM	12	0	21.30	21.29	21.32	
5	16QAM	12	7	21.25	21.36	21.31	23
5	16QAM	12	13	21.26	21.32	21.29	
5	16QAM	25	0	21.26	21.32	21.21	