



REPORT No.: SZ23080226S01

Annex B Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacture 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	23.91	24.05	23.84	
20	QPSK	1	49	23.85	24.01	23.82	25
20	QPSK	1	99	23.81	23.93	23.79	
20	QPSK	50	0	22.93	22.99	22.87	
20	QPSK	50	24	22.90	22.95	22.84	24
20	QPSK	50	50	22.82	22.88	22.76	
20	QPSK	100	0	22.85	22.91	22.80	
20	16QAM	1	0	23.30	23.33	23.25	24
20	16QAM	1	49	23.19	23.27	23.22	
20	16QAM	1	99	23.26	23.24	23.18	
20	16QAM	50	0	22.01	22.04	21.98	23
20	16QAM	50	24	21.91	21.97	21.90	
20	16QAM	50	50	21.89	21.90	21.86	
20	16QAM	100	0	21.93	21.91	21.94	24
20	64QAM	1	0	23.27	23.30	23.24	
20	64QAM	1	49	23.19	23.26	23.19	
20	64QAM	1	99	23.15	23.22	23.20	23
20	64QAM	50	0	22.03	22.05	21.97	
20	64QAM	50	24	22.00	22.01	21.95	
20	64QAM	50	50	21.89	21.96	21.90	23
20	64QAM	100	0	21.95	21.93	21.91	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.96	24.01	23.93	
15	QPSK	1	37	23.74	23.95	23.87	25
15	QPSK	1	74	23.83	23.89	23.75	
15	QPSK	36	0	22.89	23.09	22.86	
15	QPSK	36	20	22.84	23.00	22.71	24
15	QPSK	36	39	22.87	22.86	22.73	
15	QPSK	75	0	22.78	22.84	22.79	
15	16QAM	1	0	23.16	23.18	23.24	24
15	16QAM	1	37	23.22	23.29	23.08	
15	16QAM	1	74	23.16	23.35	23.32	
15	16QAM	36	0	22.18	22.20	22.17	23
15	16QAM	36	20	22.07	21.91	22.09	
15	16QAM	36	39	22.03	22.07	22.00	
15	16QAM	75	0	21.79	21.78	21.84	24
15	64QAM	1	0	23.31	23.35	23.29	
15	64QAM	1	37	23.27	23.24	23.27	
15	64QAM	1	74	23.13	23.26	23.21	23
15	64QAM	36	0	22.11	22.05	21.97	
15	64QAM	36	20	22.19	22.03	22.08	
15	64QAM	36	39	21.80	21.82	21.84	23
15	64QAM	75	0	22.08	22.03	21.80	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.99	24.02	23.76	
10	QPSK	1	25	23.72	23.90	23.71	25
10	QPSK	1	49	23.71	23.85	23.67	
10	QPSK	25	0	23.10	23.09	22.94	
10	QPSK	25	12	22.93	22.89	23.02	24
10	QPSK	25	25	22.82	22.88	22.61	
10	QPSK	50	0	22.78	22.91	22.81	
10	16QAM	1	0	23.28	23.36	23.34	24
10	16QAM	1	25	23.04	23.32	23.28	
10	16QAM	1	49	23.43	23.16	23.11	
10	16QAM	25	0	21.99	22.18	21.89	23
10	16QAM	25	12	21.79	22.00	22.07	
10	16QAM	25	25	22.07	21.99	21.92	
10	16QAM	50	0	22.08	21.96	21.96	24
10	64QAM	1	0	23.12	23.29	23.19	
10	64QAM	1	25	23.36	23.39	23.27	
10	64QAM	1	49	23.09	23.42	23.33	23
10	64QAM	25	0	22.01	22.01	22.00	
10	64QAM	25	12	22.20	22.01	22.15	
10	64QAM	25	25	22.05	22.07	21.96	23
10	64QAM	50	0	21.86	22.00	21.80	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.83	24.01	23.93	
5	QPSK	1	12	23.93	23.87	23.72	25
5	QPSK	1	24	23.91	23.98	23.76	
5	QPSK	12	0	22.84	23.13	22.98	
5	QPSK	12	7	22.94	23.11	22.98	24
5	QPSK	12	13	22.77	22.88	22.96	
5	QPSK	25	0	22.83	22.95	22.78	
5	16QAM	1	0	23.36	23.49	23.41	24
5	16QAM	1	12	23.31	23.17	23.17	
5	16QAM	1	24	23.38	23.43	23.21	
5	16QAM	12	0	22.02	22.14	21.84	23
5	16QAM	12	7	22.03	21.85	22.00	
5	16QAM	12	13	21.99	21.90	21.90	
5	16QAM	25	0	21.86	22.10	22.08	24
5	64QAM	1	0	23.37	23.21	23.40	
5	64QAM	1	12	23.09	23.16	23.09	
5	64QAM	1	24	23.14	23.36	23.37	23
5	64QAM	12	0	22.02	22.07	21.88	
5	64QAM	12	7	21.94	22.18	22.07	
5	64QAM	12	13	22.07	22.02	21.88	24
5	64QAM	25	0	22.12	22.11	21.80	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.92	23.99	23.94	
3	QPSK	1	8	23.70	23.96	23.96	25
3	QPSK	1	14	23.79	23.95	23.75	
3	QPSK	8	0	22.94	23.11	22.85	
3	QPSK	8	4	22.76	22.96	22.90	24
3	QPSK	8	7	22.82	23.03	22.73	

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	23.67	23.71	23.63	25
20	QPSK	1	49	23.60	23.64	23.47	
20	QPSK	1	99	23.62	23.63	23.67	
20	QPSK	50	0	22.56	22.67	22.60	
20	QPSK	50	24	22.77	22.66	22.54	
20	QPSK	50	50	22.43	22.61	22.46	24
20	QPSK	100	0	22.49	22.72	22.62	
20	16QAM	1	0	22.95	22.88	22.86	
20	16QAM	1	49	22.71	22.83	23.00	24
20	16QAM	1	99	22.82	22.73	22.75	
20	16QAM	50	0	21.63	21.79	21.60	
20	16QAM	50	24	21.58	21.62	21.45	23
20	16QAM	50	50	21.70	21.69	21.45	
20	16QAM	100	0	21.74	21.70	21.76	
20	64QAM	1	0	22.80	22.86	22.82	
20	64QAM	1	49	22.78	22.69	22.72	
20	64QAM	1	99	22.69	22.87	22.68	24
20	64QAM	50	0	21.88	21.82	21.54	
20	64QAM	50	24	21.90	21.61	21.60	
20	64QAM	50	50	21.54	21.71	21.63	23
20	64QAM	100	0	21.75	21.73	21.78	
Channel			20025	20175	20325	Tune-up limit (dBm)	
Frequency (MHz)			1717.5	1732.5	1747.5		
15	QPSK	1	0	23.62	23.68		23.54
15	QPSK	1	37	23.59	23.59	23.60	25
15	QPSK	1	74	23.63	23.54	23.50	
15	QPSK	36	0	22.58	22.80	22.77	
15	QPSK	36	20	22.62	22.66	22.71	24
15	QPSK	36	39	22.50	22.56	22.65	
15	QPSK	75	0	22.57	22.58	22.55	
15	16QAM	1	0	22.96	22.86	22.97	24
15	16QAM	1	37	22.95	22.90	22.71	
15	16QAM	1	74	23.00	22.91	22.78	
15	16QAM	36	0	21.73	21.79	21.58	23
15	16QAM	36	20	21.69	21.59	21.65	
15	16QAM	36	39	21.52	21.61	21.76	
15	16QAM	75	0	21.55	21.47	21.69	
15	64QAM	1	0	22.72	22.74	22.85	
15	64QAM	1	37	22.77	22.78	22.83	24
15	64QAM	1	74	22.79	22.60	22.81	
15	64QAM	36	0	21.63	21.76	21.70	
15	64QAM	36	20	21.61	21.63	21.56	23
15	64QAM	36	39	21.63	21.53	21.54	
15	64QAM	75	0	21.76	21.53	21.69	
Channel			20000	20175	20350	Tune-up limit (dBm)	
Frequency (MHz)			1715	1732.5	1750		
10	QPSK	1	0	23.65	23.69		23.63
10	QPSK	1	25	23.57	23.62	23.52	25
10	QPSK	1	49	23.61	23.60	23.48	
10	QPSK	25	0	22.71	22.76	22.62	
10	QPSK	25	12	22.60	22.78	22.51	24
10	QPSK	25	25	22.72	22.58	22.46	
10	QPSK	50	0	22.66	22.57	22.48	
10	16QAM	1	0	22.95	22.93	22.89	24
10	16QAM	1	25	22.81	23.00	22.71	
10	16QAM	1	49	22.90	22.89	22.85	
10	16QAM	25	0	21.66	21.82	21.87	23
10	16QAM	25	12	21.75	21.55	21.76	
10	16QAM	25	25	21.77	21.57	21.61	
10	16QAM	50	0	21.66	21.46	21.73	
10	64QAM	1	0	22.98	22.91	22.94	
10	64QAM	1	25	22.62	22.63	22.66	24
10	64QAM	1	49	22.61	22.74	22.75	
10	64QAM	25	0	21.82	21.70	21.56	
10	64QAM	25	12	21.86	21.81	21.86	23
10	64QAM	25	25	21.74	21.56	21.62	
10	64QAM	50	0	21.84	21.50	21.79	
Channel			19975	20175	20375	Tune-up limit (dBm)	
Frequency (MHz)			1712.5	1732.5	1752.5		
5	QPSK	1	0	23.56	23.68		23.54
5	QPSK	1	12	23.59	23.62	23.60	25
5	QPSK	1	24	23.54	23.62	23.56	
5	QPSK	12	0	22.60	22.77	22.66	
5	QPSK	12	7	22.59	22.51	22.60	24
5	QPSK	12	13	22.66	22.49	22.57	
5	QPSK	25	0	22.54	22.53	22.51	
5	16QAM	1	0	22.82	22.83	22.75	24
5	16QAM	1	12	22.68	22.82	22.81	
5	16QAM	1	24	22.72	22.75	22.80	
5	16QAM	12	0	21.71	21.72	21.63	23
5	16QAM	12	7	21.60	21.76	21.55	
5	16QAM	12	13	21.70	21.72	21.50	
5	16QAM	25	0	21.59	21.60	21.83	
5	64QAM	1	0	22.76	22.84	22.92	
5	64QAM	1	12	22.75	22.68	22.65	24
5	64QAM	1	24	22.76	22.70	22.67	
5	64QAM	12	0	21.79	21.82	21.56	
5	64QAM	12	7	21.81	21.63	21.81	23
5	64QAM	12	13	21.79	21.58	21.67	
5	64QAM	25	0	21.82	21.84	21.60	
Channel			19965	20175	20385	Tune-up limit (dBm)	
Frequency (MHz)			1711.5	1732.5	1753.5		
3	QPSK	1	0	23.66	23.67		23.60
3	QPSK	1	8	23.59	23.65	23.55	25
3	QPSK	1	14	23.54	23.60	23.62	
3	QPSK	8	0	22.50	22.83	22.67	
3	QPSK	8	4	22.68	22.60	22.56	24
3	QPSK	8	7	22.57	22.59	22.66	

3	QPSK	15	0	22.79	23.00	22.85	24
3	16QAM	1	0	23.15	23.25	23.27	
3	16QAM	1	8	23.08	23.32	23.29	
3	16QAM	1	14	23.11	23.10	23.04	23
3	16QAM	8	0	22.09	22.15	22.12	
3	16QAM	8	4	22.10	22.10	22.03	
3	16QAM	8	7	21.94	22.06	21.89	24
3	16QAM	15	0	22.09	22.02	21.89	
3	64QAM	1	0	23.24	23.30	23.31	
3	64QAM	1	8	23.32	23.15	23.10	23
3	64QAM	1	14	23.10	23.23	23.13	
3	64QAM	8	0	22.06	22.01	21.90	
3	64QAM	8	4	22.08	22.02	22.08	23
3	64QAM	8	7	21.99	22.03	21.90	
3	64QAM	15	0	22.12	22.11	22.06	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.91	23.97	23.84	25
1.4	QPSK	1	3	23.92	23.91	23.76	
1.4	QPSK	1	5	23.87	23.83	23.81	
1.4	QPSK	3	0	22.98	23.08	22.93	24
1.4	QPSK	3	1	23.09	22.90	22.82	
1.4	QPSK	3	3	22.92	22.94	22.80	
1.4	QPSK	6	0	23.02	23.03	22.87	24
1.4	16QAM	1	0	23.20	23.29	23.26	
1.4	16QAM	1	3	23.25	23.27	23.22	
1.4	16QAM	1	5	23.31	23.11	23.34	23
1.4	16QAM	3	0	22.05	22.06	22.12	
1.4	16QAM	3	1	22.09	22.07	22.02	
1.4	16QAM	3	3	21.81	21.82	21.90	24
1.4	16QAM	6	0	22.07	21.94	21.87	
1.4	64QAM	1	0	23.47	23.16	23.18	
1.4	64QAM	1	3	23.08	23.26	23.32	23
1.4	64QAM	1	5	23.02	23.35	23.24	
1.4	64QAM	3	0	22.06	22.15	22.08	
1.4	64QAM	3	1	22.01	22.04	22.06	23
1.4	64QAM	3	3	22.04	22.08	22.03	
1.4	64QAM	6	0	21.97	21.86	21.92	

3	QPSK	15	0	22.50	22.58	22.48	24
3	16QAM	1	0	22.88	22.82	22.86	
3	16QAM	1	8	22.71	22.72	22.87	
3	16QAM	1	14	22.76	22.87	22.70	23
3	16QAM	8	0	21.80	21.78	21.84	
3	16QAM	8	4	21.79	21.87	21.59	
3	16QAM	8	7	21.62	21.64	21.53	24
3	16QAM	15	0	21.69	21.48	21.74	
3	64QAM	1	0	22.96	22.86	22.75	
3	64QAM	1	8	22.75	22.87	22.78	23
3	64QAM	1	14	22.83	22.82	22.68	
3	64QAM	8	0	21.81	21.86	21.56	
3	64QAM	8	4	21.63	21.78	21.55	23
3	64QAM	8	7	21.58	21.61	21.59	
3	64QAM	15	0	21.68	21.52	21.57	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.64	23.68	23.56	25
1.4	QPSK	1	3	23.52	23.65	23.57	
1.4	QPSK	1	5	23.59	23.62	23.60	
1.4	QPSK	3	0	22.61	22.61	22.56	24
1.4	QPSK	3	1	22.68	22.80	22.58	
1.4	QPSK	3	3	22.67	22.76	22.52	
1.4	QPSK	6	0	22.59	22.69	22.67	24
1.4	16QAM	1	0	23.00	22.98	22.81	
1.4	16QAM	1	3	22.75	22.85	22.90	
1.4	16QAM	1	5	22.95	22.74	22.81	23
1.4	16QAM	3	0	21.67	21.66	21.66	
1.4	16QAM	3	1	21.55	21.72	21.57	
1.4	16QAM	3	3	21.69	21.72	21.56	24
1.4	16QAM	6	0	21.53	21.81	21.49	
1.4	64QAM	1	0	22.71	22.93	22.69	
1.4	64QAM	1	3	22.69	22.81	22.66	23
1.4	64QAM	1	5	22.65	22.82	22.69	
1.4	64QAM	3	0	21.73	21.69	21.77	
1.4	64QAM	3	1	21.68	21.67	21.62	23
1.4	64QAM	3	3	21.77	21.53	21.68	
1.4	64QAM	6	0	21.84	21.85	21.76	

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	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.64	23.69	23.61	25
10	QPSK	1	25	23.62	23.65	23.59	
10	QPSK	1	49	23.62	23.57	23.55	
10	QPSK	25	0	22.58	22.77	22.52	
10	QPSK	25	12	22.69	22.63	22.59	24
10	QPSK	25	25	22.65	22.58	22.50	
10	QPSK	50	0	22.63	22.70	22.48	
10	16QAM	1	0	22.86	22.93	22.76	
10	16QAM	1	25	22.79	22.89	22.85	24
10	16QAM	1	49	22.89	22.75	22.98	
10	16QAM	25	0	21.59	21.68	21.77	
10	16QAM	25	12	21.74	21.61	21.53	
10	16QAM	25	25	21.68	21.46	21.59	23
10	16QAM	50	0	21.78	21.60	21.81	
10	64QAM	1	0	22.84	22.95	22.90	
10	64QAM	1	25	22.83	22.93	22.86	
10	64QAM	1	49	22.81	22.89	22.85	24
10	64QAM	25	0	21.76	21.82	21.86	
10	64QAM	25	12	21.88	21.70	21.76	
10	64QAM	25	25	21.73	21.74	21.71	
10	64QAM	50	0	21.65	21.77	21.80	23
Channel				20425	20525	20625	
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.53	23.66	23.59	
5	QPSK	1	12	23.63	23.60	23.64	25
5	QPSK	1	24	23.52	23.61	23.51	
5	QPSK	12	0	22.54	22.79	22.57	
5	QPSK	12	7	22.56	22.52	22.65	
5	QPSK	12	13	22.59	22.50	22.55	24
5	QPSK	25	0	22.74	22.59	22.51	
5	16QAM	1	0	22.84	22.92	22.88	
5	16QAM	1	12	22.77	22.90	23.00	
5	16QAM	1	24	22.85	22.91	22.76	24
5	16QAM	12	0	21.56	21.77	21.76	
5	16QAM	12	7	21.59	21.86	21.73	
5	16QAM	12	13	21.76	21.80	21.71	
5	16QAM	25	0	21.50	21.77	21.53	23
5	64QAM	1	0	22.71	22.85	22.93	
5	64QAM	1	12	22.85	23.02	23.09	
5	64QAM	1	24	22.73	23.02	23.06	
5	64QAM	12	0	21.69	21.65	21.86	23
5	64QAM	12	7	21.59	21.73	21.66	
5	64QAM	12	13	21.77	21.60	21.50	
5	64QAM	25	0	21.74	21.62	21.54	
Channel				20415	20525	20635	
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.60	23.65	23.61	25
3	QPSK	1	8	23.58	23.59	23.60	
3	QPSK	1	14	23.57	23.64	23.55	
3	QPSK	8	0	22.79	22.82	22.62	
3	QPSK	8	4	22.63	22.65	22.52	24
3	QPSK	8	7	22.58	22.61	22.56	
3	QPSK	15	0	22.56	22.71	22.52	
3	16QAM	1	0	22.91	22.89	22.81	
3	16QAM	1	8	22.88	22.82	22.75	24
3	16QAM	1	14	22.90	22.76	22.92	
3	16QAM	8	0	21.74	21.66	21.60	
3	16QAM	8	4	21.70	21.80	21.79	
3	16QAM	8	7	21.57	21.59	21.53	23
3	16QAM	15	0	21.51	21.73	21.55	
3	64QAM	1	0	22.70	22.80	22.79	
3	64QAM	1	8	22.99	22.90	22.91	
3	64QAM	1	14	22.95	22.91	22.87	23
3	64QAM	8	0	21.67	21.62	21.82	
3	64QAM	8	4	21.82	21.65	21.87	
3	64QAM	8	7	21.70	21.86	21.76	
3	64QAM	15	0	21.68	21.71	21.59	23
Channel				20407	20525	20643	
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.67	23.67	23.56	
1.4	QPSK	1	3	23.58	23.61	23.60	25
1.4	QPSK	1	5	23.57	23.62	23.65	
1.4	QPSK	3	0	22.64	22.86	22.77	
1.4	QPSK	3	1	22.51	22.80	22.58	
1.4	QPSK	3	3	22.58	22.62	22.51	24
1.4	QPSK	6	0	22.41	22.53	22.60	
1.4	16QAM	1	0	22.87	22.91	22.84	
1.4	16QAM	1	3	22.69	22.94	22.89	
1.4	16QAM	1	5	22.95	22.91	22.79	24
1.4	16QAM	3	0	21.61	21.68	21.78	
1.4	16QAM	3	1	21.76	21.65	21.78	
1.4	16QAM	3	3	21.75	21.77	21.65	
1.4	16QAM	6	0	21.55	21.59	21.60	23
1.4	64QAM	1	0	22.69	22.87	22.87	
1.4	64QAM	1	3	22.84	22.90	22.86	
1.4	64QAM	1	5	22.79	22.87	22.79	
1.4	64QAM	3	0	21.79	21.85	21.57	24
1.4	64QAM	3	1	21.65	21.67	21.79	
1.4	64QAM	3	3	21.62	21.74	21.71	
1.4	64QAM	6	0	21.86	21.69	21.81	

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	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.07	23.25	23.18	25
20	QPSK	1	49	23.00	23.18	23.19	
20	QPSK	1	99	23.04	23.14	23.13	
20	QPSK	50	0	22.30	22.35	22.22	
20	QPSK	50	24	22.21	22.33	22.31	24
20	QPSK	50	50	22.02	22.13	22.02	
20	QPSK	100	0	22.08	22.19	22.03	
20	16QAM	1	0	22.45	22.54	22.43	
20	16QAM	1	49	22.39	22.53	22.36	24
20	16QAM	1	99	22.40	22.37	22.48	
20	16QAM	50	0	21.26	21.45	21.39	
20	16QAM	50	24	21.23	21.21	21.23	
20	16QAM	50	50	21.20	21.29	21.26	23
20	16QAM	100	0	21.25	21.28	21.28	
20	64QAM	1	0	22.49	22.56	22.48	
20	64QAM	1	49	22.41	22.54	22.55	
20	64QAM	1	99	22.33	22.51	22.53	24
20	64QAM	50	0	21.22	21.41	21.24	
20	64QAM	50	24	21.28	21.22	21.40	
20	64QAM	50	50	21.23	21.47	21.39	
20	64QAM	100	0	21.22	21.32	21.18	23
Channel				20825	21100	21375	
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)
15	QPSK	1	0	23.17	23.23	23.14	25
15	QPSK	1	37	23.12	23.21	23.11	
15	QPSK	1	74	23.20	23.09	23.09	
15	QPSK	36	0	22.16	22.27	22.23	
15	QPSK	36	20	22.14	22.31	22.28	24
15	QPSK	36	39	22.20	22.35	22.04	
15	QPSK	75	0	22.11	22.17	22.23	
15	16QAM	1	0	22.49	22.55	22.53	
15	16QAM	1	37	22.43	22.49	22.32	24
15	16QAM	1	74	22.61	22.54	22.49	
15	16QAM	36	0	21.35	21.25	21.28	
15	16QAM	36	20	21.16	21.34	21.18	
15	16QAM	36	39	21.10	21.07	21.09	23
15	16QAM	75	0	21.16	21.22	21.31	
15	64QAM	1	0	22.55	22.35	22.45	
15	64QAM	1	37	22.51	22.41	22.45	
15	64QAM	1	74	22.33	22.47	22.38	24
15	64QAM	36	0	21.21	21.27	21.37	
15	64QAM	36	20	21.29	21.29	21.16	
15	64QAM	36	39	21.21	21.24	21.31	
15	64QAM	75	0	21.25	21.23	21.37	23
Channel				20800	21100	21400	
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)
10	QPSK	1	0	23.10	23.21	23.20	25
10	QPSK	1	25	23.03	23.14	23.17	
10	QPSK	1	49	23.06	23.16	23.09	
10	QPSK	25	0	22.29	22.21	22.10	
10	QPSK	25	12	22.23	22.13	22.16	24
10	QPSK	25	25	22.06	22.26	22.02	
10	QPSK	50	0	22.06	22.22	22.25	
10	16QAM	1	0	22.46	22.58	22.48	
10	16QAM	1	25	22.37	22.55	22.49	24
10	16QAM	1	49	22.39	22.43	22.31	
10	16QAM	25	0	21.36	21.22	21.29	
10	16QAM	25	12	21.25	21.22	21.12	
10	16QAM	25	25	21.33	21.17	21.24	23
10	16QAM	50	0	21.40	21.34	21.34	
10	64QAM	1	0	22.51	22.37	22.40	
10	64QAM	1	25	22.44	22.46	22.52	
10	64QAM	1	49	22.39	22.46	22.41	24
10	64QAM	25	0	21.27	21.24	21.32	
10	64QAM	25	12	21.28	21.37	21.12	
10	64QAM	25	25	21.39	21.25	21.13	
10	64QAM	50	0	21.45	21.24	21.14	23
Channel				20775	21100	21425	
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)
5	QPSK	1	0	23.19	23.20	23.18	25
5	QPSK	1	12	23.11	23.09	23.13	
5	QPSK	1	24	23.16	23.14	23.12	
5	QPSK	12	0	22.36	22.19	22.06	
5	QPSK	12	7	22.35	22.32	22.23	24
5	QPSK	12	13	22.17	22.12	22.15	
5	QPSK	25	0	22.31	22.28	22.07	
5	16QAM	1	0	22.59	22.76	22.48	
5	16QAM	1	12	22.50	22.45	22.44	24
5	16QAM	1	24	22.63	22.59	22.47	
5	16QAM	12	0	21.33	21.39	21.40	
5	16QAM	12	7	21.28	21.22	21.22	
5	16QAM	12	13	21.16	21.29	21.12	23
5	16QAM	25	0	21.32	21.32	21.27	
5	64QAM	1	0	22.36	22.50	22.29	
5	64QAM	1	12	22.47	22.41	22.46	
5	64QAM	1	24	22.37	22.54	22.38	24
5	64QAM	12	0	21.48	21.46	21.43	
5	64QAM	12	7	21.22	21.20	21.15	
5	64QAM	12	13	21.39	21.32	21.23	
5	64QAM	25	0	21.46	21.45	21.42	23

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				23090	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.63	23.65	23.68	25
10	QPSK	1	25	23.60	23.59	23.61	
10	QPSK	1	49	23.53	23.58	23.61	
10	QPSK	25	0	22.66	22.51	22.49	24
10	QPSK	25	12	22.72	22.45	22.42	
10	QPSK	25	25	22.43	22.67	22.58	
10	QPSK	50	0	22.46	22.55	22.60	24
10	16QAM	1	0	22.97	22.94	22.86	
10	16QAM	1	25	22.91	22.99	22.71	
10	16QAM	1	49	22.80	22.93	22.92	23
10	16QAM	25	0	21.78	21.83	21.84	
10	16QAM	25	12	21.61	21.79	21.53	
10	16QAM	25	25	21.56	21.63	21.52	24
10	16QAM	50	0	21.75	21.64	21.79	
10	64QAM	1	0	22.97	22.95	22.81	
10	64QAM	1	25	22.96	22.90	22.90	23
10	64QAM	1	49	22.92	22.80	22.91	
10	64QAM	25	0	21.83	21.78	21.80	
10	64QAM	25	12	21.97	21.75	21.67	23
10	64QAM	25	25	21.79	21.82	21.66	
10	64QAM	50	0	21.57	21.71	21.88	
Channel				23035	23095	23155	
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.52	23.64	23.66	25
5	QPSK	1	12	23.56	23.57	23.58	
5	QPSK	1	24	23.62	23.63	23.59	
5	QPSK	12	0	22.56	22.65	22.61	24
5	QPSK	12	7	22.64	22.65	22.57	
5	QPSK	12	13	22.47	22.55	22.50	
5	QPSK	25	0	22.49	22.48	22.54	24
5	16QAM	1	0	22.88	22.82	22.85	
5	16QAM	1	12	22.73	22.83	22.69	
5	16QAM	1	24	22.76	22.81	22.73	23
5	16QAM	12	0	21.82	21.76	21.77	
5	16QAM	12	7	21.69	21.71	21.65	
5	16QAM	12	13	21.59	21.63	21.80	24
5	16QAM	25	0	21.69	21.72	21.70	
5	64QAM	1	0	22.98	22.81	22.90	
5	64QAM	1	12	22.79	23.04	22.76	23
5	64QAM	1	24	22.86	23.01	23.07	
5	64QAM	12	0	21.67	21.79	21.74	
5	64QAM	12	7	21.80	21.86	21.71	23
5	64QAM	12	13	21.56	21.82	21.73	
5	64QAM	25	0	21.76	21.67	21.59	
Channel				23025	23095	23165	
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.54	23.65	23.65	25
3	QPSK	1	8	23.53	23.67	23.60	
3	QPSK	1	14	23.60	23.53	23.64	
3	QPSK	8	0	22.68	22.64	22.53	24
3	QPSK	8	4	22.51	22.52	22.57	
3	QPSK	8	7	22.55	22.72	22.48	
3	QPSK	15	0	22.70	22.58	22.56	24
3	16QAM	1	0	22.79	22.86	22.80	
3	16QAM	1	8	22.88	22.87	22.98	
3	16QAM	1	14	22.81	22.85	22.86	23
3	16QAM	8	0	21.71	21.78	21.72	
3	16QAM	8	4	21.70	21.80	21.59	
3	16QAM	8	7	21.65	21.56	21.70	24
3	16QAM	15	0	21.63	21.72	21.87	
3	64QAM	1	0	22.96	22.80	22.81	
3	64QAM	1	8	23.02	22.87	23.05	23
3	64QAM	1	14	22.84	22.81	22.94	
3	64QAM	8	0	21.78	21.88	21.67	
3	64QAM	8	4	21.73	21.65	21.61	24
3	64QAM	8	7	21.84	21.87	21.56	
3	64QAM	15	0	21.81	21.68	21.87	
Channel				23017	23095	23173	
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.51	23.62	23.64	25
1.4	QPSK	1	3	23.45	23.56	23.58	
1.4	QPSK	1	5	23.45	23.57	23.60	
1.4	QPSK	3	0	22.56	22.54	22.55	24
1.4	QPSK	3	1	22.51	22.55	22.58	
1.4	QPSK	3	3	22.50	22.60	22.57	
1.4	QPSK	6	0	22.70	22.72	22.60	24
1.4	16QAM	1	0	22.98	23.01	22.84	
1.4	16QAM	1	3	22.89	23.02	22.69	
1.4	16QAM	1	5	22.72	22.96	22.81	23
1.4	16QAM	3	0	21.69	21.73	21.82	
1.4	16QAM	3	1	21.58	21.80	21.62	
1.4	16QAM	3	3	21.55	21.79	21.81	24
1.4	16QAM	6	0	21.82	21.73	21.55	
1.4	64QAM	1	0	22.71	22.81	22.90	
1.4	64QAM	1	3	22.83	22.85	22.87	23
1.4	64QAM	1	5	22.82	22.75	22.86	
1.4	64QAM	3	0	21.94	21.75	21.94	
1.4	64QAM	3	1	21.77	21.86	21.88	23
1.4	64QAM	3	3	21.65	21.82	21.79	
1.4	64QAM	6	0	21.64	21.77	21.78	

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		23.64		25
10	QPSK	1	25		23.55		
10	QPSK	1	49		23.59		
10	QPSK	25	0		22.73		24
10	QPSK	25	12		22.69		
10	QPSK	25	25		22.63		
10	QPSK	50	0		22.70		24
10	16QAM	1	0		22.88		
10	16QAM	1	25		22.71		
10	16QAM	1	49		22.75		23
10	16QAM	25	0		21.83		
10	16QAM	25	12		21.79		
10	16QAM	25	25		21.71		24
10	16QAM	50	0		21.74		
10	64QAM	1	0		22.84		
10	64QAM	1	25		22.69		23
10	64QAM	1	49		22.72		
10	64QAM	25	0		21.86		
10	64QAM	25	12		21.71		23
10	64QAM	25	25		21.73		
10	64QAM	50	0		21.79		
Channel				23205	23230	23255	
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	23.57	23.62	23.54	25
5	QPSK	1	12	23.54	23.58	23.48	
5	QPSK	1	24	23.48	23.63	23.49	
5	QPSK	12	0	22.55	22.68	22.51	24
5	QPSK	12	7	22.63	22.66	22.54	
5	QPSK	12	13	22.42	22.66	22.57	
5	QPSK	25	0	22.65	22.46	22.45	24
5	16QAM	1	0	22.87	22.80	22.77	
5	16QAM	1	12	22.65	22.74	22.81	
5	16QAM	1	24	22.75	22.81	22.63	23
5	16QAM	12	0	21.72	21.66	21.67	
5	16QAM	12	7	21.63	21.72	21.63	
5	16QAM	12	13	21.76	21.59	21.66	24
5	16QAM	25	0	21.73	21.71	21.59	
5	64QAM	1	0	22.75	22.93	22.65	
5	64QAM	1	12	22.79	22.82	22.92	23
5	64QAM	1	24	22.76	22.72	22.80	
5	64QAM	12	0	21.86	21.76	21.92	
5	64QAM	12	7	21.65	21.89	21.65	23
5	64QAM	12	13	21.63	21.84	21.74	
5	64QAM	25	0	21.92	21.75	21.85	

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	23.59	23.66	23.62	25
10	QPSK	1	25	23.50	23.56	23.61	
10	QPSK	1	49	23.58	23.63	23.56	
10	QPSK	25	0	22.53	22.78	22.61	24
10	QPSK	25	12	22.65	22.64	22.63	
10	QPSK	25	25	22.57	22.52	22.57	
10	QPSK	50	0	22.57	22.61	22.54	24
10	16QAM	1	0	22.85	22.83	22.80	
10	16QAM	1	25	22.66	22.73	22.67	
10	16QAM	1	49	22.77	22.77	22.81	23
10	16QAM	25	0	21.86	21.91	21.79	
10	16QAM	25	12	21.75	21.63	21.83	
10	16QAM	25	25	21.69	21.73	21.64	24
10	16QAM	50	0	21.73	21.70	21.88	
10	64QAM	1	0	22.68	22.83	22.81	
10	64QAM	1	25	22.85	22.85	22.84	23
10	64QAM	1	49	22.76	22.78	22.82	
10	64QAM	25	0	21.65	21.75	21.65	
10	64QAM	25	12	21.63	21.70	21.75	23
10	64QAM	25	25	21.63	21.82	21.66	
10	64QAM	50	0	21.82	21.67	21.77	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.59	23.63	23.58	25
5	QPSK	1	12	23.52	23.59	23.57	
5	QPSK	1	24	23.56	23.51	23.50	
5	QPSK	12	0	22.52	22.72	22.51	24
5	QPSK	12	7	22.65	22.73	22.61	
5	QPSK	12	13	22.59	22.54	22.45	
5	QPSK	25	0	22.68	22.42	22.54	24
5	16QAM	1	0	22.81	22.88	22.79	
5	16QAM	1	12	22.67	22.80	22.85	
5	16QAM	1	24	22.69	22.79	22.71	23
5	16QAM	12	0	21.78	21.74	21.66	
5	16QAM	12	7	21.76	21.57	21.67	
5	16QAM	12	13	21.82	21.65	21.55	24
5	16QAM	25	0	21.62	21.74	21.63	
5	64QAM	1	0	22.65	22.91	22.69	
5	64QAM	1	12	22.80	22.88	22.72	23
5	64QAM	1	24	22.81	22.73	22.66	
5	64QAM	12	0	21.81	21.72	21.87	
5	64QAM	12	7	21.76	21.74	21.69	23
5	64QAM	12	13	21.75	21.71	21.64	
5	64QAM	25	0	21.81	21.68	21.73	

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	23.70	23.76	23.57	25
20	QPSK	1	49	23.56	23.70	23.67	
20	QPSK	1	99	23.52	23.59	23.66	
20	QPSK	50	0	22.66	22.63	22.67	24
20	QPSK	50	24	22.44	22.46	22.60	
20	QPSK	50	50	22.59	22.48	22.46	
20	QPSK	100	0	22.42	22.84	22.50	24
20	16QAM	1	0	22.80	22.84	22.91	
20	16QAM	1	49	22.97	22.77	22.86	
20	16QAM	1	99	23.05	22.86	22.84	23
20	16QAM	50	0	21.72	21.68	21.86	
20	16QAM	50	24	21.67	21.74	21.58	
20	16QAM	50	50	21.67	21.55	21.79	23
20	16QAM	100	0	21.75	21.56	21.84	
20	64QAM	1	0	21.74	22.01	21.99	
20	64QAM	1	49	21.78	21.87	21.81	22
20	64QAM	1	99	22.04	21.94	21.78	
20	64QAM	50	0	20.71	20.77	20.66	
20	64QAM	50	24	20.78	20.89	20.83	22
20	64QAM	50	50	20.70	20.86	20.71	
20	64QAM	100	0	20.79	20.84	20.81	
Channel				26115	26365	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	QPSK	1	0	23.71	23.73	23.67	25
15	QPSK	1	37	23.61	23.71	23.69	
15	QPSK	1	74	23.55	23.64	23.64	
15	QPSK	36	0	22.58	22.70	22.69	24
15	QPSK	36	20	22.56	22.65	22.58	
15	QPSK	36	39	22.66	22.66	22.59	
15	QPSK	75	0	22.63	22.52	22.46	24
15	16QAM	1	0	22.94	22.86	22.90	
15	16QAM	1	37	22.87	22.77	22.69	
15	16QAM	1	74	22.72	22.87	22.85	23
15	16QAM	36	0	21.79	21.86	21.69	
15	16QAM	36	20	21.81	21.81	21.73	
15	16QAM	36	39	21.79	21.68	21.59	23
15	16QAM	75	0	21.86	21.57	21.70	
15	64QAM	1	0	21.83	21.90	21.89	
15	64QAM	1	37	21.81	21.86	21.88	22
15	64QAM	1	74	21.74	21.83	21.84	
15	64QAM	36	0	20.77	20.85	20.73	
15	64QAM	36	20	20.88	20.88	20.71	22
15	64QAM	36	39	20.59	20.64	20.79	
15	64QAM	75	0	20.72	20.60	20.77	
Channel				26090	26365	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	QPSK	1	0	23.63	23.74	23.58	25
10	QPSK	1	25	23.58	23.67	23.71	
10	QPSK	1	49	23.64	23.66	23.65	
10	QPSK	25	0	22.69	22.70	22.46	24
10	QPSK	25	12	22.75	22.75	22.45	
10	QPSK	25	25	22.67	22.57	22.54	
10	QPSK	50	0	22.57	22.70	22.53	24
10	16QAM	1	0	22.78	22.80	22.80	
10	16QAM	1	25	22.68	22.66	22.70	
10	16QAM	1	49	23.03	22.72	22.67	23
10	16QAM	25	0	21.75	21.93	21.79	
10	16QAM	25	12	21.80	21.85	21.75	
10	16QAM	25	25	21.83	21.63	21.77	23
10	16QAM	50	0	21.85	21.86	21.77	
10	64QAM	1	0	21.78	21.92	21.97	
10	64QAM	1	25	21.86	21.87	21.76	22
10	64QAM	1	49	21.73	21.84	21.86	
10	64QAM	25	0	20.72	20.82	20.65	
10	64QAM	25	12	20.82	20.69	20.65	22
10	64QAM	25	25	20.85	20.82	20.87	
10	64QAM	50	0	20.81	20.79	20.66	
Channel				26065	26365	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	QPSK	1	0	23.57	23.72	23.69	25
5	QPSK	1	12	23.60	23.59	23.64	
5	QPSK	1	24	23.62	23.63	23.66	
5	QPSK	12	0	22.56	22.84	22.53	24
5	QPSK	12	7	22.72	22.58	22.56	
5	QPSK	12	13	22.54	22.62	22.66	
5	QPSK	25	0	22.59	22.51	22.59	24
5	16QAM	1	0	22.71	22.83	22.72	
5	16QAM	1	12	22.65	22.76	22.89	
5	16QAM	1	24	22.73	22.83	22.68	23
5	16QAM	12	0	21.78	21.64	21.88	
5	16QAM	12	7	21.54	21.83	21.55	
5	16QAM	12	13	21.60	21.81	21.60	23
5	16QAM	25	0	21.69	21.73	21.60	
5	64QAM	1	0	21.88	21.90	21.80	
5	64QAM	1	12	21.81	21.86	21.95	22
5	64QAM	1	24	21.88	22.01	21.81	
5	64QAM	12	0	20.99	20.85	20.87	
5	64QAM	12	7	20.99	20.78	20.74	22
5	64QAM	12	13	20.75	20.97	20.81	
5	64QAM	25	0	20.80	20.85	20.92	
Channel				26055	26365	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1882.5	1913.5	
3	QPSK	1	0	23.69	23.74	23.68	25
3	QPSK	1	8	23.50	23.71	23.66	
3	QPSK	1	14	23.66	23.67	23.69	
3	QPSK	8	0	22.63	22.73	22.72	24
3	QPSK	8	4	22.72	22.62	22.60	
3	QPSK	8	7	22.52	22.70	22.61	

3	QPSK	15	0	22.60	22.68	22.64	24
3	16QAM	1	0	22.96	23.06	22.79	
3	16QAM	1	8	22.89	22.90	22.78	
3	16QAM	1	14	22.94	22.77	22.98	23
3	16QAM	8	0	21.85	21.68	21.86	
3	16QAM	8	4	21.56	21.67	21.60	
3	16QAM	8	7	21.72	21.63	21.57	
3	16QAM	15	0	21.68	21.55	21.56	
3	64QAM	1	0	21.74	21.80	21.66	23
3	64QAM	1	8	21.69	21.82	21.71	
3	64QAM	1	14	21.74	21.82	21.87	
3	64QAM	8	0	20.70	20.84	20.86	22
3	64QAM	8	4	20.76	20.82	20.74	
3	64QAM	8	7	20.85	20.63	20.86	
3	64QAM	15	0	20.86	20.81	20.68	
Channel				26047	26365	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1882.5	1914.3	
1.4	QPSK	1	0	23.69	23.73	23.64	25
1.4	QPSK	1	3	23.59	23.61	23.64	
1.4	QPSK	1	5	23.63	23.62	23.69	
1.4	QPSK	3	0	22.59	22.82	22.65	
1.4	QPSK	3	1	22.65	22.61	22.59	
1.4	QPSK	3	3	22.50	22.51	22.67	
1.4	QPSK	6	0	22.60	22.73	22.55	24
1.4	16QAM	1	0	22.87	22.89	22.75	23
1.4	16QAM	1	3	22.64	22.86	22.77	
1.4	16QAM	1	5	22.81	22.85	22.75	
1.4	16QAM	3	0	21.65	21.81	21.69	
1.4	16QAM	3	1	21.53	21.64	21.78	
1.4	16QAM	3	3	21.63	21.78	21.65	
1.4	16QAM	6	0	21.77	21.53	21.61	22
1.4	64QAM	1	0	21.99	21.97	21.96	23
1.4	64QAM	1	3	22.07	21.84	22.09	
1.4	64QAM	1	5	21.85	22.03	22.09	
1.4	64QAM	3	0	20.93	20.77	20.71	
1.4	64QAM	3	1	20.89	20.94	20.71	
1.4	64QAM	3	3	20.90	20.87	20.90	
1.4	64QAM	6	0	20.66	20.74	20.88	23

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	23.69	23.58	
15	QPSK	1	37	23.64	23.55	23.62	25
15	QPSK	1	74	23.55	23.46	23.49	
15	QPSK	36	0	22.49	22.60	22.59	
15	QPSK	36	20	22.50	22.38	22.40	24
15	QPSK	36	39	22.41	22.41	22.53	
15	QPSK	75	0	22.50	22.46	22.44	
15	16QAM	1	0	22.75	22.84	22.60	24
15	16QAM	1	37	22.60	22.88	22.54	
15	16QAM	1	74	22.88	22.83	22.71	
15	16QAM	36	0	21.49	21.54	21.43	23
15	16QAM	36	20	21.57	21.49	21.37	
15	16QAM	36	39	21.58	21.57	21.37	
15	16QAM	75	0	21.60	21.64	21.60	23
15	64QAM	1	0	21.83	21.76	21.56	
15	64QAM	1	37	21.86	21.71	21.64	
15	64QAM	1	74	21.87	21.78	21.78	22
15	64QAM	36	0	20.86	20.80	20.84	
15	64QAM	36	20	20.55	20.67	20.71	
15	64QAM	36	39	20.76	20.83	20.62	22
15	64QAM	75	0	20.60	20.55	20.53	
Channel				26740	26865	26990	
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.65	23.66	23.61	
10	QPSK	1	25	23.57	23.48	23.58	25
10	QPSK	1	49	23.52	23.61	23.62	
10	QPSK	25	0	22.56	22.56	22.45	
10	QPSK	25	12	22.53	22.40	22.58	24
10	QPSK	25	25	22.46	22.45	22.45	
10	QPSK	50	0	22.41	22.35	22.36	
10	16QAM	1	0	22.72	22.80	22.59	24
10	16QAM	1	25	22.55	22.85	22.57	
10	16QAM	1	49	22.61	22.80	22.52	
10	16QAM	25	0	21.69	21.64	21.72	23
10	16QAM	25	12	21.50	21.51	21.52	
10	16QAM	25	25	21.67	21.56	21.56	
10	16QAM	50	0	21.70	21.59	21.57	23
10	64QAM	1	0	21.78	21.79	21.66	
10	64QAM	1	25	21.74	21.81	21.78	
10	64QAM	1	49	21.81	21.76	21.82	22
10	64QAM	25	0	20.60	20.77	20.74	
10	64QAM	25	12	20.65	20.72	20.54	
10	64QAM	25	25	20.65	20.81	20.65	22
10	64QAM	50	0	20.56	20.62	20.68	
Channel				26715	26865	27015	
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.59	23.65	23.68	
5	QPSK	1	12	23.60	23.67	23.54	25
5	QPSK	1	24	23.46	23.60	23.53	
5	QPSK	12	0	22.61	22.57	22.44	
5	QPSK	12	7	22.40	22.63	22.34	24
5	QPSK	12	13	22.50	22.47	22.46	
5	QPSK	25	0	22.40	22.59	22.48	
5	16QAM	1	0	22.88	22.69	22.77	24
5	16QAM	1	12	22.66	22.68	22.77	
5	16QAM	1	24	22.65	22.65	22.69	
5	16QAM	12	0	21.75	21.78	21.67	23
5	16QAM	12	7	21.56	21.65	21.62	
5	16QAM	12	13	21.69	21.68	21.57	
5	16QAM	25	0	21.53	21.67	21.66	23
5	64QAM	1	0	21.58	21.77	21.80	
5	64QAM	1	12	21.80	21.77	21.71	
5	64QAM	1	24	21.85	21.64	21.66	22
5	64QAM	12	0	20.75	20.57	20.66	
5	64QAM	12	7	20.75	20.83	20.59	
5	64QAM	12	13	20.61	20.74	20.62	22
5	64QAM	25	0	20.74	20.61	20.57	
Channel				26705	26865	27025	
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	23.61	23.66	23.64	
3	QPSK	1	8	23.54	23.62	23.42	25
3	QPSK	1	14	23.53	23.63	23.58	
3	QPSK	8	0	22.60	22.64	22.45	
3	QPSK	8	4	22.48	22.48	22.45	24
3	QPSK	8	7	22.51	22.46	22.42	
3	QPSK	15	0	22.32	22.55	22.40	
3	16QAM	1	0	22.73	22.85	22.80	24
3	16QAM	1	8	22.58	22.84	22.81	
3	16QAM	1	14	22.60	22.59	22.60	
3	16QAM	8	0	21.68	21.60	21.73	23
3	16QAM	8	4	21.56	21.45	21.46	
3	16QAM	8	7	21.51	21.53	21.59	
3	16QAM	15	0	21.44	21.51	21.53	23
3	64QAM	1	0	21.62	21.71	21.86	
3	64QAM	1	8	21.66	21.79	21.93	
3	64QAM	1	14	21.66	21.81	21.90	22
3	64QAM	8	0	20.81	20.81	20.54	
3	64QAM	8	4	20.69	20.75	20.56	
3	64QAM	8	7	20.68	20.68	20.58	22
3	64QAM	15	0	20.67	20.56	20.60	
Channel				26697	26865	27033	
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	23.59	23.64	23.54	
1.4	QPSK	1	3	23.60	23.50	23.56	25
1.4	QPSK	1	5	23.45	23.61	23.62	
1.4	QPSK	3	0	22.57	22.58	22.63	
1.4	QPSK	3	1	22.55	22.61	22.57	25
1.4	QPSK	3	3	22.58	22.64	22.55	

Band 66 (dBm)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.53	23.68	23.59	25
20	QPSK	1	49	23.51	23.56	23.57	
20	QPSK	1	99	23.57	23.48	23.38	
20	QPSK	50	0	23.52	23.56	23.33	
20	QPSK	50	24	23.58	23.63	23.42	25
20	QPSK	50	50	23.48	23.33	23.47	
20	QPSK	100	0	23.37	23.40	23.41	
20	16QAM	1	0	23.57	23.59	23.52	
20	16QAM	1	49	23.52	23.51	23.61	25
20	16QAM	1	99	23.60	23.54	23.57	
20	16QAM	50	0	23.48	23.60	23.46	
20	16QAM	50	24	23.42	23.61	23.49	
20	16QAM	50	50	23.46	23.47	23.45	25
20	16QAM	100	0	23.52	23.59	23.58	
20	64QAM	1	0	20.18	20.39	20.29	
20	64QAM	1	49	20.16	20.31	20.44	
20	64QAM	1	99	20.28	20.27	20.37	22
20	64QAM	50	0	20.34	20.08	20.09	
20	64QAM	50	24	20.16	20.10	20.09	
20	64QAM	50	50	20.17	20.28	20.14	
20	64QAM	100	0	20.18	20.07	20.12	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.59	23.65	23.57	25
15	QPSK	1	37	23.61	23.52	23.45	
15	QPSK	1	74	23.44	23.66	23.36	
15	QPSK	36	0	23.63	23.59	23.62	
15	QPSK	36	20	23.36	23.35	23.51	25
15	QPSK	36	39	23.38	23.33	23.43	
15	QPSK	75	0	23.39	23.41	23.50	
15	16QAM	1	0	23.55	23.61	23.50	
15	16QAM	1	37	23.53	23.60	23.57	25
15	16QAM	1	74	23.61	23.55	23.49	
15	16QAM	36	0	23.53	23.53	23.58	
15	16QAM	36	20	23.56	23.55	23.55	
15	16QAM	36	39	23.52	23.49	23.35	25
15	16QAM	75	0	23.50	23.44	23.49	
15	64QAM	1	0	20.22	20.40	20.28	
15	64QAM	1	37	20.27	20.30	20.28	
15	64QAM	1	74	20.31	20.35	20.17	22
15	64QAM	36	0	20.14	20.27	20.15	
15	64QAM	36	20	20.24	20.30	20.21	
15	64QAM	36	39	20.25	20.11	20.10	
15	64QAM	75	0	20.30	20.08	20.13	22
Channel				132022	132322	132622	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.48	23.64	23.46	25
10	QPSK	1	25	23.59	23.47	23.52	
10	QPSK	1	49	23.51	23.61	23.42	
10	QPSK	25	0	23.49	23.60	23.34	
10	QPSK	25	12	23.56	23.59	23.49	25
10	QPSK	25	25	23.39	23.46	23.46	
10	QPSK	50	0	23.40	23.32	23.35	
10	16QAM	1	0	23.61	23.55	23.57	
10	16QAM	1	25	23.53	23.58	23.54	25
10	16QAM	1	49	23.51	23.60	23.53	
10	16QAM	25	0	23.61	23.56	23.48	
10	16QAM	25	12	23.36	23.46	23.63	
10	16QAM	25	25	23.54	23.38	23.31	25
10	16QAM	50	0	23.51	23.46	23.49	
10	64QAM	1	0	20.10	20.21	20.02	
10	64QAM	1	25	20.16	20.28	20.25	
10	64QAM	1	49	20.39	20.17	20.17	22
10	64QAM	25	0	20.36	20.09	20.16	
10	64QAM	25	12	20.03	20.03	20.06	
10	64QAM	25	25	20.05	20.09	20.14	
10	64QAM	50	0	20.09	20.17	20.10	
Channel				131997	132322	132647	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.59	23.66	23.55	25
5	QPSK	1	12	23.56	23.53	23.55	
5	QPSK	1	24	23.57	23.58	23.53	
5	QPSK	12	0	23.63	23.47	23.57	
5	QPSK	12	7	23.53	23.43	23.34	25
5	QPSK	12	13	23.55	23.38	23.41	
5	QPSK	25	0	23.49	23.48	23.35	
5	16QAM	1	0	23.56	23.63	23.62	
5	16QAM	1	12	23.49	23.59	23.55	25
5	16QAM	1	24	23.61	23.56	23.49	
5	16QAM	12	0	23.54	23.54	23.47	
5	16QAM	12	7	23.60	23.46	23.52	
5	16QAM	12	13	23.56	23.52	23.43	25
5	16QAM	25	0	23.45	23.51	23.59	
5	64QAM	1	0	20.39	20.36	20.01	
5	64QAM	1	12	20.45	20.30	20.21	
5	64QAM	1	24	20.24	20.33	20.28	22
5	64QAM	12	0	20.20	20.26	20.31	
5	64QAM	12	7	20.28	20.38	20.18	
5	64QAM	12	13	20.17	20.32	20.18	
5	64QAM	25	0	20.05	20.00	20.19	
Channel				131967	132322	132657	
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.53	23.63	23.61	25
3	QPSK	1	8	23.54	23.54	23.62	
3	QPSK	1	14	23.42	23.48	23.55	
3	QPSK	8	0	23.39	23.38	23.28	
3	QPSK	8	4	23.38	23.31	23.40	25
3	QPSK	8	7	23.35	23.50	23.26	

1.4	QPSK	6	0	22.20	22.49	22.31	24
1.4	16QAM	1	0	22.79	22.79	22.70	24
1.4	16QAM	1	3	22.62	22.57	22.78	
1.4	16QAM	1	5	22.77	22.78	22.84	
1.4	16QAM	3	0	21.60	21.60	21.56	
1.4	16QAM	3	1	21.55	21.51	21.61	
1.4	16QAM	3	3	21.57	21.66	21.57	23
1.4	16QAM	6	0	21.70	21.62	21.48	
1.4	64QAM	1	0	21.76	21.85	21.80	23
1.4	64QAM	1	3	21.77	21.72	21.92	
1.4	64QAM	1	5	21.63	21.80	21.85	
1.4	64QAM	3	0	20.81	20.76	20.80	
1.4	64QAM	3	1	20.80	20.58	20.56	
1.4	64QAM	3	3	20.63	20.56	20.76	
1.4	64QAM	6	0	20.60	20.53	20.51	22

3	QPSK	15	0	23.29	23.31	23.35	25
3	16QAM	1	0	23.49	23.60	23.57	
3	16QAM	1	8	23.54	23.57	23.53	
3	16QAM	1	14	23.57	23.51	23.50	25
3	16QAM	8	0	23.53	23.52	23.52	
3	16QAM	8	4	23.48	23.47	23.51	
3	16QAM	8	7	23.60	23.59	23.48	
3	16QAM	15	0	23.66	23.54	23.56	
3	64QAM	1	0	20.28	20.26	20.30	22
3	64QAM	1	8	20.35	20.45	20.27	
3	64QAM	1	14	20.32	20.37	20.43	
3	64QAM	8	0	20.34	20.29	20.28	22
3	64QAM	8	4	20.18	20.07	20.00	
3	64QAM	8	7	20.01	20.02	20.02	
3	64QAM	15	0	20.04	20.10	20.15	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.46	23.64	23.62	25
1.4	QPSK	1	3	23.36	23.53	23.61	
1.4	QPSK	1	5	23.57	23.43	23.35	
1.4	QPSK	3	0	23.48	23.54	23.49	
1.4	QPSK	3	1	23.38	23.54	23.50	
1.4	QPSK	3	3	23.34	23.46	23.42	
1.4	QPSK	6	0	23.20	23.41	23.27	25
1.4	16QAM	1	0	23.60	23.58	23.52	25
1.4	16QAM	1	3	23.57	23.61	23.56	
1.4	16QAM	1	5	23.56	23.54	23.49	
1.4	16QAM	3	0	23.60	23.56	23.49	
1.4	16QAM	3	1	23.54	23.55	23.38	
1.4	16QAM	3	3	23.49	23.44	23.52	
1.4	16QAM	6	0	23.55	23.54	23.51	25
1.4	64QAM	1	0	20.25	20.37	20.32	22
1.4	64QAM	1	3	20.11	20.29	20.44	
1.4	64QAM	1	5	20.42	20.42	20.43	
1.4	64QAM	3	0	20.29	20.18	20.26	
1.4	64QAM	3	1	20.29	20.35	20.05	
1.4	64QAM	3	3	20.23	20.27	20.07	
1.4	64QAM	6	0	20.07	20.12	20.18	22

Band 71 (dBm)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	23.53	23.62	23.57	
20	QPSK	1	49	23.52	23.50	23.52	25
20	QPSK	1	99	23.54	23.50	23.53	
20	QPSK	50	0	22.60	22.61	22.56	
20	QPSK	50	24	22.57	22.55	22.59	
20	QPSK	50	50	22.53	22.57	22.60	24
20	QPSK	100	0	22.58	22.51	22.55	
20	16QAM	1	0	22.87	22.89	22.64	
20	16QAM	1	49	22.65	22.79	22.59	
20	16QAM	1	99	22.60	22.73	22.54	24
20	16QAM	50	0	21.71	21.84	21.53	
20	16QAM	50	24	21.56	21.63	21.56	
20	16QAM	50	50	21.50	21.56	21.59	
20	16QAM	100	0	21.58	21.49	21.53	23
20	64QAM	1	0	21.71	21.87	21.78	
20	64QAM	1	49	21.81	21.75	21.76	
20	64QAM	1	99	21.65	21.87	21.71	
20	64QAM	50	0	20.70	20.85	20.80	22
20	64QAM	50	24	20.83	20.67	20.78	
20	64QAM	50	50	20.61	20.53	20.54	
20	64QAM	100	0	20.66	20.55	20.66	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.56	23.60	23.51	
15	QPSK	1	37	23.41	23.54	23.58	25
15	QPSK	1	74	23.50	23.51	23.39	
15	QPSK	36	0	22.60	22.63	22.56	
15	QPSK	36	20	22.52	22.60	22.60	
15	QPSK	36	39	22.58	22.57	22.56	24
15	QPSK	75	0	22.55	22.59	22.50	
15	16QAM	1	0	22.92	22.63	22.66	
15	16QAM	1	37	22.83	22.70	22.69	
15	16QAM	1	74	22.90	22.85	22.59	24
15	16QAM	36	0	21.80	21.55	21.68	
15	16QAM	36	20	21.62	21.54	21.56	
15	16QAM	36	39	21.57	21.69	21.57	
15	16QAM	75	0	21.67	21.65	21.72	23
15	64QAM	1	0	21.78	21.58	21.77	
15	64QAM	1	37	21.81	21.72	21.86	
15	64QAM	1	74	21.77	21.73	21.66	
15	64QAM	36	0	20.65	20.89	20.76	22
15	64QAM	36	20	20.71	20.65	20.79	
15	64QAM	36	39	20.42	20.61	20.77	
15	64QAM	75	0	20.66	20.48	20.58	
Channel				133172	133272	133422	Tune-up limit (dBm)
Frequency (MHz)				668	678	693	
10	QPSK	1	0	23.56	23.59	23.57	
10	QPSK	1	25	23.55	23.46	23.40	25
10	QPSK	1	49	23.51	23.51	23.38	
10	QPSK	25	0	22.58	22.55	22.53	
10	QPSK	25	12	22.55	22.60	22.54	
10	QPSK	25	25	22.59	22.57	22.54	24
10	QPSK	50	0	22.55	22.53	22.57	
10	16QAM	1	0	22.62	22.90	22.80	
10	16QAM	1	25	22.76	22.67	22.66	
10	16QAM	1	49	22.81	22.75	22.59	24
10	16QAM	25	0	21.51	21.59	21.54	
10	16QAM	25	12	21.70	21.47	21.63	
10	16QAM	25	25	21.44	21.64	21.42	
10	16QAM	50	0	21.64	21.37	21.50	23
10	64QAM	1	0	21.75	21.77	21.84	
10	64QAM	1	25	21.83	21.80	21.79	
10	64QAM	1	49	21.65	21.68	21.73	
10	64QAM	25	0	20.85	20.82	20.56	22
10	64QAM	25	12	20.74	20.53	20.78	
10	64QAM	25	25	20.63	20.73	20.59	
10	64QAM	50	0	20.63	20.73	20.76	
Channel				133147	133247	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	675.5	695.5	
5	QPSK	1	0	23.35	23.60	23.49	
5	QPSK	1	12	23.35	23.51	23.57	25
5	QPSK	1	24	23.54	23.55	23.45	
5	QPSK	12	0	22.56	22.52	22.51	
5	QPSK	12	7	22.59	22.65	22.53	
5	QPSK	12	13	22.55	22.51	22.63	24
5	QPSK	25	0	22.51	22.57	22.58	
5	16QAM	1	0	22.64	22.78	22.89	
5	16QAM	1	12	22.70	22.76	22.71	
5	16QAM	1	24	22.57	22.60	22.58	24
5	16QAM	12	0	21.70	21.84	21.77	
5	16QAM	12	7	21.49	21.60	21.55	
5	16QAM	12	13	21.56	21.68	21.60	
5	16QAM	25	0	21.43	21.58	21.47	23
5	64QAM	1	0	21.69	21.64	21.64	
5	64QAM	1	12	21.91	21.80	21.92	
5	64QAM	1	24	21.83	21.73	21.84	
5	64QAM	12	0	20.63	20.84	20.57	22
5	64QAM	12	7	20.75	20.58	20.78	
5	64QAM	12	13	20.62	20.63	20.69	
5	64QAM	25	0	20.53	20.60	20.76	

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	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.05	23.10	23.20	23.07	24.41	25
20	QPSK	1	49	23.06	23.05	23.06	23.07	24.39	
20	QPSK	1	99	23.09	23.15	23.09	23.02	24.23	
20	QPSK	50	0	22.04	22.14	22.21	22.08	22.15	24
20	QPSK	50	24	22.06	22.14	22.16	22.01	22.32	
20	QPSK	50	50	22.08	22.04	22.03	22.03	22.23	
20	QPSK	100	0	22.11	22.06	22.05	22.03	22.08	24
20	16QAM	1	0	22.15	22.09	22.20	22.06	23.48	
20	16QAM	1	49	22.16	22.15	22.17	22.18	23.26	
20	16QAM	1	99	22.10	22.11	22.05	22.14	23.50	23
20	16QAM	50	0	21.15	21.05	21.19	21.00	21.54	
20	16QAM	50	24	21.09	21.11	21.02	21.10	21.28	
20	16QAM	50	50	21.00	21.10	21.08	21.02	21.19	23
20	16QAM	100	0	21.20	21.18	21.08	21.03	21.45	
20	64QAM	1	0	21.05	21.10	21.22	21.11	22.25	
20	64QAM	1	49	21.18	21.09	21.17	21.07	22.57	23
20	64QAM	1	99	21.07	21.19	21.22	21.14	22.57	
20	64QAM	50	0	20.13	20.16	20.22	20.25	20.42	
20	64QAM	50	24	20.24	20.19	20.02	20.03	20.46	22
20	64QAM	50	50	20.16	20.26	20.06	20.20	20.52	
20	64QAM	100	0	20.25	20.26	20.16	20.21	20.50	
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	23.05	23.02	23.16	23.02	24.16	25
15	QPSK	1	37	23.10	23.08	23.01	23.05	24.32	
15	QPSK	1	74	23.01	23.02	23.09	23.13	24.11	
15	QPSK	36	0	22.07	22.09	22.08	23.08	22.17	24
15	QPSK	36	20	22.01	22.09	22.09	22.09	22.44	
15	QPSK	36	39	22.03	22.05	22.06	22.05	22.30	
15	QPSK	75	0	22.00	22.07	22.06	22.05	22.32	24
15	16QAM	1	0	22.10	22.18	22.23	22.20	23.56	
15	16QAM	1	37	22.29	22.26	22.13	22.09	23.50	
15	16QAM	1	74	22.10	22.38	22.29	22.27	23.40	23
15	16QAM	36	0	21.25	21.05	21.09	21.06	21.55	
15	16QAM	36	20	21.13	21.03	21.10	21.11	21.23	
15	16QAM	36	39	21.03	21.13	21.07	21.03	21.50	23
15	16QAM	75	0	21.15	21.04	21.19	21.14	21.52	
15	64QAM	1	0	21.34	21.15	21.29	21.21	22.30	
15	64QAM	1	37	21.38	21.19	21.25	21.29	22.40	23
15	64QAM	1	74	21.39	21.36	21.26	21.13	22.35	
15	64QAM	36	0	20.16	20.11	20.27	20.15	20.60	
15	64QAM	36	20	20.22	20.23	20.30	20.22	20.43	22
15	64QAM	36	39	20.16	20.29	20.03	20.06	20.45	
15	64QAM	75	0	20.23	20.24	20.13	20.16	20.24	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.15	23.15	23.16	23.10	24.15	25
10	QPSK	1	25	23.03	23.04	23.09	23.02	24.13	
10	QPSK	1	49	23.16	23.12	23.05	23.08	24.39	
10	QPSK	25	0	22.03	22.07	22.06	23.05	22.18	24
10	QPSK	25	12	22.04	22.02	22.02	23.01	22.16	
10	QPSK	25	25	22.01	22.03	22.04	22.11	22.15	
10	QPSK	50	0	22.02	22.03	22.09	22.09	22.12	24
10	16QAM	1	0	22.19	22.33	22.31	22.34	23.59	
10	16QAM	1	25	22.24	22.22	22.32	22.37	23.29	
10	16QAM	1	49	22.23	22.31	22.20	22.10	23.49	23
10	16QAM	25	0	21.05	21.09	21.10	21.21	21.44	
10	16QAM	25	12	21.04	21.20	21.05	21.07	21.27	
10	16QAM	25	25	21.05	21.06	21.12	21.20	21.36	23
10	16QAM	50	0	21.16	21.10	21.15	21.23	21.41	
10	64QAM	1	0	21.13	21.19	21.13	21.20	22.23	
10	64QAM	1	25	21.05	21.09	21.20	21.22	22.63	22
10	64QAM	1	49	21.11	21.17	21.18	21.07	22.46	
10	64QAM	25	0	20.23	20.12	20.23	20.00	20.59	
10	64QAM	25	12	20.05	20.19	20.11	20.16	20.42	22
10	64QAM	25	25	20.02	20.12	20.11	20.11	20.26	
10	64QAM	50	0	20.08	20.20	20.21	20.06	20.57	
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	23.07	23.17	23.18	23.14	24.39	25
5	QPSK	1	12	23.10	23.14	23.14	23.08	24.40	
5	QPSK	1	24	23.10	23.11	23.14	23.13	24.25	
5	QPSK	12	0	22.11	22.05	22.05	22.15	22.28	24
5	QPSK	12	7	22.07	22.13	22.01	22.02	22.33	
5	QPSK	12	13	22.01	22.06	22.05	22.06	22.20	
5	QPSK	25	0	22.06	22.08	22.00	22.07	22.27	24
5	16QAM	1	0	22.30	22.33	22.31	22.22	23.60	
5	16QAM	1	12	22.06	22.23	22.08	22.33	23.33	
5	16QAM	1	24	22.06	22.26	22.09	22.13	23.24	23
5	16QAM	12	0	21.00	21.14	21.22	21.24	21.45	
5	16QAM	12	7	21.07	21.08	21.17	21.07	21.33	
5	16QAM	12	13	21.01	21.05	21.02	21.05	21.41	23
5	16QAM	25	0	21.08	21.04	21.07	21.20	21.43	
5	64QAM	1	0	21.25	21.15	21.35	21.32	22.40	
5	64QAM	1	12	21.37	21.30	21.24	21.41	22.51	23
5	64QAM	1	24	21.38	21.33	21.20	21.38	22.47	
5	64QAM	12	0	20.15	20.17	20.16	20.26	20.61	
5	64QAM	12	7	20.18	20.17	20.23	20.17	20.38	22
5	64QAM	12	13	20.19	20.06	20.02	20.26	20.23	
5	64QAM	25	0	20.21	20.26	20.10	20.05	20.34	

2.4GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN ANT 1	802.11b 1Mbps	CH 1	2412	17.22	18.00	16.00	98.91
		CH 7	2442	17.60	18.50	16.00	99.03
		CH 13	2472	17.62	18.50	16.00	99.11
	802.11g 6Mbps	CH 1	2412	16.58	17.50	16.00	98.26
		CH 7	2442	16.99	17.50	16.00	98.26
		CH 13	2472	11.17	12.00	12.00	98.26
	802.11n-HT20 MCS0	CH 1	2412	15.38	16.00	15.00	98.04
		CH 7	2442	15.80	16.50	15.00	97.93
		CH 13	2472	10.70	11.50	12.00	98.04
	802.11n-HT40 MCS0	CH 3	2422	14.60	15.50	13.00	94.38
		CH 7	2442	16.35	17.00	15.00	94.38
		CH 11	2462	10.68	11.50	12.00	94.38

5GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN ANT 1	802.11a 6Mbps	CH 36	5180	15.53	16.50	15.00	98.26
		CH 44	5220	16.79	17.50	16.00	98.26
		CH 48	5240	16.43	17.00	16.00	98.16
	802.11n-HT20 MCS0	CH 36	5180	16.33	17.00	16.00	97.93
		CH 44	5220	16.54	17.50	16.00	97.93
		CH 48	5240	16.32	17.00	16.00	97.93
	802.11n-HT40 MCS0	CH 36	5180	15.52	16.50	15.00	95.89
		CH 46	5230	16.56	17.50	16.00	95.88
		CH 48	5240	16.29	17.00	16.00	97.94
	802.11ac-VHT20 MCS0	CH 44	5220	16.39	17.00	16.00	97.83
		CH 46	5240	16.31	17.00	16.00	97.83
		CH 48	5260	16.29	17.00	16.00	97.83
	802.11ac-VHT40 MCS0	CH 36	5180	14.76	15.50	14.00	95.92
		CH 46	5230	14.88	15.50	14.00	95.92
		CH 42	5210	9.03	10.00	9.00	92.00

5GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN ANT 1	802.11a 6Mbps	CH 52	5260	16.59	17.50	16.00	98.16
		CH 60	5300	16.10	17.00	16.00	98.26
		CH 64	5320	15.34	16.00	16.00	98.26
	802.11n-HT20 MCS0	CH 52	5260	16.49	17.00	16.00	97.93
		CH 60	5300	15.95	16.50	16.00	97.93
		CH 64	5320	15.25	16.00	16.00	97.93
	802.11n-HT40 MCS0	CH 54	5270	16.45	17.00	16.00	95.89
		CH 62	5310	11.31	12.00	11.00	95.66
		CH 52	5260	16.46	17.00	16.00	97.83
	802.11ac-VHT20 MCS0	CH 60	5300	16.01	17.00	16.00	97.83
		CH 64	5320	15.18	16.00	16.00	97.94
		CH 54	5270	14.59	15.50	14.00	95.70
	802.11ac-VHT40 MCS0	CH 62	5310	14.26	15.00	14.00	95.70
		CH 58	5290	10.84	11.50	10.00	92.44

5GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.5GHz WLAN ANT 1	802.11a 6Mbps	CH 100	5500	15.78	16.50	16.00	98.26
		CH 120	5600	16.07	17.00	16.00	98.26
		CH 144	5720	16.68	17.50	16.00	98.16
	802.11n-HT20 MCS0	CH 100	5500	15.64	16.50	16.00	97.93
		CH 120	5600	15.85	16.50	16.00	97.93
		CH 144	5720	16.54	17.50	16.00	97.93
	802.11n-HT40 MCS0	CH 102	5510	10.95	11.50	11.00	95.89
		CH 126	5630	16.54	17.50	16.00	95.89
		CH 142	5710	16.81	17.50	16.00	95.88
	802.11ac-VHT20 MCS0	CH 100	5500	15.61	16.50	16.00	97.94
		CH 120	5600	15.81	16.50	16.00	97.94
		CH 144	5720	16.54	17.50	16.00	97.83
	802.11ac-VHT40 MCS0	CH 102	5510	13.94	14.50	14.00	95.92
		CH 126	5630	14.58	15.50	14.00	95.92
		CH 142	5710	14.93	15.50	14.00	95.92
	802.11ac-VHT80 MCS0	CH 106	5530	8.66	9.50	9.00	92.00
		CH 122	5610	13.23	14.00	13.00	92.00
		CH 138	5680	13.71	14.50	13.00	92.00

5GHz WLAN ANT 1

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN ANT 1	802.11a 6Mbps	CH 149	5745	16.49	17.00	16.00	98.26
		CH 157	5785	16.59	17.50	16.00	98.16
		CH 165	5825	16.29	17.00	16.00	98.26
	802.11n-HT20 MCS0	CH 149	5745	16.50	17.50	16.00	97.82
		CH 157	5785	16.49	17.00	16.00	97.93
		CH 165	5825	16.06	17.00	16.00	97.93
	802.11n-HT40 MCS0	CH 151	5755	17.69	18.00	16.00	95.88
		CH 159	5795	16.73	17.50	16.00	95.89
		CH 149	5745	16.36	17.00	16.00	97.94
	802.11ac-VHT20 MCS0	CH 157	5785	16.47	17.00	16.00	97.94
		CH 165	5825	16.09	17.00	16.00	97.83
		CH 151	5755	15.42	16.00	14.00	95.70
	802.11ac-VHT40 MCS0	CH 159	5795	14.97	15.50	14.00	95.70
		CH 155	5775	14.00	14.50	13.00	92.44

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	11.16	8.85	8.51
	CH 39	2441	11.49	8.53	8.37
	CH 78	2480	10.71	8.43	8.53
	Tune-up Limit		12.00	9.50	9.50
	Duty Cycle %		76.96	77.01	77.07

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	N/A
LE	CH 00	2402	3.63	0.76	N/A
	CH 19	2440	4.67	1.91	N/A
	CH 39	2480	5.58	2.81	N/A
	Tune-up Limit		6.00	3.50	N/A
Duty Cycle %			62.90	33.87	N/A