



REPORT No.: SZ25100026S01

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	20.57	20.73	20.64		
20	QPSK	1	49	20.46	20.54	20.71	22	
20	QPSK	1	99	20.49	20.56	20.69		
20	QPSK	50	0	19.98	20.11	20.03		
20	QPSK	50	24	19.95	20.08	19.90		
20	QPSK	50	50	19.90	20.03	19.99	21	
20	QPSK	100	0	19.81	19.95	19.92		
20	16QAM	1	0	20.09	20.13	20.01		
20	16QAM	1	49	20.03	20.21	20.11		
20	16QAM	1	99	20.09	20.28	20.00	21	
20	16QAM	50	0	19.63	19.82	19.74		
20	16QAM	50	24	19.77	19.88	19.63		
20	16QAM	50	50	19.67	19.92	19.67		
20	16QAM	100	0	19.69	19.87	19.74	20	
20	64QAM	1	0	19.24	19.29	19.15		
20	64QAM	1	49	19.14	19.33	19.03		
20	64QAM	1	99	19.22	19.41	19.05		
20	64QAM	50	0	18.85	18.94	18.89	20	
20	64QAM	50	24	18.79	19.00	18.94		
20	64QAM	50	50	18.83	18.85	18.77		
20	64QAM	100	0	18.84	18.98	18.81		
Channel				18675	18900	19125	Tune-up limit (dBm)	
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.50	20.65	20.60	22	
15	QPSK	1	37	20.37	20.45	20.58		
15	QPSK	1	74	20.41	20.54	20.51		
15	QPSK	36	0	19.89	20.06	20.01		
15	QPSK	36	20	19.80	20.03	19.86	21	
15	QPSK	36	39	19.83	19.93	19.90		
15	QPSK	75	0	19.72	19.86	19.78		
15	16QAM	1	0	20.08	20.28	19.95		
15	16QAM	1	37	20.09	20.22	20.19	21	
15	16QAM	1	74	20.13	20.23	19.98		
15	16QAM	36	0	19.59	19.95	19.89		
15	16QAM	36	20	19.79	19.84	19.81		
15	16QAM	36	39	19.79	19.96	19.62	21	
15	16QAM	75	0	19.58	19.87	19.73		
15	64QAM	1	0	19.15	19.26	19.08		
15	64QAM	1	37	19.25	19.42	19.07		
15	64QAM	1	74	19.22	19.45	19.16	20	
15	64QAM	36	0	18.93	18.94	18.77		
15	64QAM	36	20	18.92	18.86	18.85		
15	64QAM	36	39	18.69	18.82	18.75		
15	64QAM	75	0	18.90	18.91	18.81	Tune-up limit (dBm)	
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.54	20.67	20.56		
10	QPSK	1	25	20.37	20.46	20.53	22	
10	QPSK	1	49	20.39	20.52	20.53		
10	QPSK	25	0	19.96	20.04	19.98		
10	QPSK	25	12	19.77	19.88	20.04		
10	QPSK	25	25	19.78	19.81	19.98	21	
10	QPSK	50	0	19.79	19.87	19.76		
10	16QAM	1	0	20.09	20.17	20.00		
10	16QAM	1	25	20.02	20.23	20.13		
10	16QAM	1	49	20.04	20.21	20.12	21	
10	16QAM	25	0	19.63	19.78	19.67		
10	16QAM	25	12	19.63	19.97	19.56		
10	16QAM	25	25	19.61	19.98	19.63		
10	16QAM	50	0	19.77	19.79	19.62	20	
10	64QAM	1	0	19.11	19.19	19.15		
10	64QAM	1	25	19.28	19.46	19.10		
10	64QAM	1	49	19.08	19.15	19.11		
10	64QAM	25	0	18.96	18.98	18.79	20	
10	64QAM	25	12	18.69	18.93	18.97		
10	64QAM	25	25	18.77	18.84	18.88		
10	64QAM	50	0	18.83	18.98	18.69		
Channel				18625	18900	19175	Tune-up limit (dBm)	
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.50	20.67	20.61	22	
5	QPSK	1	12	20.34	20.49	20.55		
5	QPSK	1	24	20.38	20.51	20.60		
5	QPSK	12	0	19.88	19.93	19.86		
5	QPSK	12	7	19.88	19.86	19.98	21	
5	QPSK	12	13	19.82	19.94	19.88		
5	QPSK	25	0	19.64	19.87	19.88		
5	16QAM	1	0	20.07	20.12	19.94		
5	16QAM	1	12	19.97	20.27	20.24	21	
5	16QAM	1	24	20.15	20.03	19.87		
5	16QAM	12	0	19.67	19.84	19.67		
5	16QAM	12	7	19.77	19.56	19.93		
5	16QAM	12	13	19.55	19.62	19.95	21	
5	16QAM	25	0	19.54	19.96	19.61		
5	64QAM	1	0	19.24	19.29	19.18		
5	64QAM	1	12	19.19	19.01	19.10		
5	64QAM	1	24	19.27	19.34	19.15	20	
5	64QAM	12	0	18.80	18.99	18.94		
5	64QAM	12	7	18.94	18.96	18.91		
5	64QAM	12	13	18.82	18.96	18.75		
5	64QAM	25	0	18.77	18.89	18.81	Tune-up limit (dBm)	
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.45	20.62	20.61		
3	QPSK	1	8	20.28	20.50	20.58	22	
3	QPSK	1	14	20.42	20.61	20.47		
3	QPSK	8	0	19.88	20.08	19.89		

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	20.41	20.46	20.39	21.5
20	QPSK	1	49	20.42	20.29	20.34	
20	QPSK	1	99	20.31	20.36	20.24	
20	QPSK	50	0	19.74	19.78	19.66	
20	QPSK	50	24	19.67	19.71	19.55	20.5
20	QPSK	50	50	19.61	19.66	19.63	
20	QPSK	100	0	19.68	19.74	19.60	
20	16QAM	1	0	18.65	18.67	18.63	
20	16QAM	1	49	18.57	18.73	18.81	20.5
20	16QAM	1	99	18.53	18.74	18.64	
20	16QAM	50	0	18.23	18.31	18.25	
20	16QAM	50	24	18.11	18.40	18.19	
20	16QAM	50	50	18.22	18.18	18.11	19.5
20	16QAM	100	0	18.16	18.45	18.15	
20	64QAM	1	0	18.78	18.81	18.65	
20	64QAM	1	49	18.72	18.67	18.69	
20	64QAM	1	99	18.77	18.87	18.52	19.5
20	64QAM	50	0	18.44	18.46	18.39	
20	64QAM	50	24	18.48	18.50	18.50	
20	64QAM	50	50	18.41	18.48	18.37	
20	64QAM	100	0	18.49	18.50	18.24	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	20.36	20.39	20.30	21.5
15	QPSK	1	37	20.29	20.17	20.31	
15	QPSK	1	74	20.21	20.27	20.15	
15	QPSK	36	0	19.62	19.74	19.48	
15	QPSK	36	20	19.50	19.54	19.42	20.5
15	QPSK	36	39	19.55	19.64	19.56	
15	QPSK	75	0	19.57	19.71	19.50	
15	16QAM	1	0	18.53	18.67	18.60	
15	16QAM	1	37	18.51	18.87	18.93	20.5
15	16QAM	1	74	18.64	18.70	18.66	
15	16QAM	36	0	18.33	18.34	18.26	
15	16QAM	36	20	18.06	18.38	18.13	
15	16QAM	36	39	18.31	18.29	18.19	19.5
15	16QAM	75	0	18.13	18.31	18.14	
15	64QAM	1	0	18.69	18.79	18.55	
15	64QAM	1	37	18.68	18.64	18.55	
15	64QAM	1	74	18.76	18.83	18.60	19.5
15	64QAM	36	0	18.41	18.49	18.47	
15	64QAM	36	20	18.41	18.47	18.48	
15	64QAM	36	39	18.45	18.47	18.42	
15	64QAM	75	0	18.43	18.46	18.44	
Channel				20000	20175	20360	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	20.28	20.37	20.28	21.5
10	QPSK	1	25	20.33	20.24	20.29	
10	QPSK	1	49	20.25	20.31	20.14	
10	QPSK	25	0	19.62	19.73	19.54	
10	QPSK	25	12	19.66	19.55	19.53	20.5
10	QPSK	25	25	19.57	19.62	19.55	
10	QPSK	50	0	19.56	19.68	19.55	
10	16QAM	1	0	18.59	18.78	18.57	
10	16QAM	1	25	18.50	18.82	18.77	20.5
10	16QAM	1	49	18.62	18.72	18.71	
10	16QAM	25	0	18.33	18.35	18.24	
10	16QAM	25	12	18.15	18.54	18.04	
10	16QAM	25	25	18.15	18.20	18.07	19.5
10	16QAM	50	0	18.12	18.40	18.14	
10	64QAM	1	0	18.63	18.89	18.53	
10	64QAM	1	25	18.59	18.79	18.72	
10	64QAM	1	49	18.67	18.88	18.52	19.5
10	64QAM	25	0	18.45	18.49	18.47	
10	64QAM	25	12	18.44	18.49	18.49	
10	64QAM	25	25	18.49	18.42	18.35	
10	64QAM	50	0	18.47	18.49	18.39	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	20.35	20.36	20.32	21.5
5	QPSK	1	12	20.32	20.11	20.20	
5	QPSK	1	24	20.21	20.22	20.09	
5	QPSK	12	0	19.60	19.66	19.64	
5	QPSK	12	7	19.56	19.62	19.41	20.5
5	QPSK	12	13	19.51	19.59	19.58	
5	QPSK	25	0	19.56	19.61	19.45	
5	16QAM	1	0	18.71	18.77	18.52	
5	16QAM	1	12	18.55	18.72	18.83	20.5
5	16QAM	1	24	18.54	18.81	18.55	
5	16QAM	12	0	18.32	18.40	18.11	
5	16QAM	12	7	18.21	18.45	18.05	
5	16QAM	12	13	18.24	18.17	18.25	19.5
5	16QAM	25	0	18.28	18.48	18.04	
5	64QAM	1	0	18.68	18.86	18.59	
5	64QAM	1	12	18.62	18.72	18.70	
5	64QAM	1	24	18.65	18.85	18.47	19.5
5	64QAM	12	0	18.40	18.46	18.44	
5	64QAM	12	7	18.48	18.49	18.47	
5	64QAM	12	13	18.37	18.41	18.42	
5	64QAM	25	0	18.45	18.48	18.31	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	20.31	20.33	20.29	21.5
3	QPSK	1	8	20.32	20.20	20.29	
3	QPSK	1	14	20.22	20.24	20.20	
3	QPSK	8	0	19.58	19.66	19.54	

3	QPSK	8	4	19.82	19.75	20.06	21
3	QPSK	8	7	19.86	19.91	19.94	
3	QPSK	15	0	19.83	19.82	19.81	
3	16QAM	1	0	20.04	20.20	20.06	21
3	16QAM	1	8	19.96	20.19	20.05	
3	16QAM	1	14	19.91	20.11	19.87	
3	16QAM	8	0	19.67	19.95	19.83	21
3	16QAM	8	4	19.89	19.71	19.75	
3	16QAM	8	7	19.80	19.77	19.86	
3	16QAM	15	0	19.70	19.76	19.75	20
3	64QAM	1	0	19.14	19.25	19.18	
3	64QAM	1	8	19.38	19.22	18.96	
3	64QAM	1	14	19.41	19.18	18.97	20
3	64QAM	8	0	18.96	18.97	18.87	
3	64QAM	8	4	18.93	18.95	18.88	
3	64QAM	8	7	18.95	18.82	18.84	20
3	64QAM	15	0	18.69	18.83	18.78	
Channel				1860.7	1890.0	1919.3	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.43	20.69	20.60	
1.4	QPSK	1	3	20.43	20.43	20.62	22
1.4	QPSK	1	5	20.41	20.52	20.52	
1.4	QPSK	3	0	20.28	20.60	20.53	
1.4	QPSK	3	1	20.40	20.30	20.51	21
1.4	QPSK	3	3	20.28	20.44	20.48	
1.4	QPSK	6	0	19.76	19.89	19.87	
1.4	16QAM	1	0	20.06	20.20	19.93	21
1.4	16QAM	1	3	20.17	20.32	20.23	
1.4	16QAM	1	5	20.37	20.10	19.99	
1.4	16QAM	3	0	19.58	19.86	19.75	20
1.4	16QAM	3	1	19.82	19.56	19.94	
1.4	16QAM	3	3	19.59	19.89	19.71	
1.4	16QAM	6	0	19.69	19.82	19.59	21
1.4	64QAM	1	0	19.12	19.32	19.09	
1.4	64QAM	1	3	19.02	19.35	18.94	
1.4	64QAM	1	5	19.35	19.34	18.91	20
1.4	64QAM	3	0	18.99	18.74	18.75	
1.4	64QAM	3	1	18.71	18.98	18.90	
1.4	64QAM	3	3	18.81	18.96	18.91	20
1.4	64QAM	6	0	18.82	18.95	18.87	
1.4	64QAM	6	0	18.82	18.95	18.87	

3	QPSK	8	4	19.57	19.61	19.50	20.5
3	QPSK	8	7	19.49	19.60	19.46	
3	QPSK	15	0	19.51	19.61	19.58	
3	16QAM	1	0	18.70	18.76	18.75	20.5
3	16QAM	1	8	18.61	18.63	18.62	
3	16QAM	1	14	18.65	18.68	18.52	
3	16QAM	8	0	18.18	18.38	18.19	19.5
3	16QAM	8	4	18.16	18.32	18.17	
3	16QAM	8	7	18.05	18.17	18.00	
3	16QAM	15	0	18.07	18.45	18.15	19.5
3	64QAM	1	0	18.66	18.71	18.78	
3	64QAM	1	8	18.70	18.76	18.78	
3	64QAM	1	14	18.69	18.74	18.37	19.5
3	64QAM	8	0	18.42	18.45	18.35	
3	64QAM	8	4	18.43	18.47	18.44	
3	64QAM	8	7	18.41	18.44	18.35	19.5
3	64QAM	15	0	18.41	18.46	18.40	
Channel				1995.7	2017.5	2039.3	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	20.35	20.38	20.27	
1.4	QPSK	1	3	20.30	20.15	20.27	21.5
1.4	QPSK	1	5	20.19	20.20	20.17	
1.4	QPSK	3	0	19.67	19.63	19.50	
1.4	QPSK	3	1	19.69	19.63	19.53	20.5
1.4	QPSK	3	3	19.45	19.58	19.55	
1.4	QPSK	6	0	19.58	19.70	19.52	
1.4	16QAM	1	0	18.60	18.69	18.60	20.5
1.4	16QAM	1	3	18.53	18.67	18.70	
1.4	16QAM	1	5	18.65	18.56	18.78	
1.4	16QAM	3	0	18.22	18.41	18.38	19.5
1.4	16QAM	3	1	18.18	18.45	18.25	
1.4	16QAM	3	3	18.07	18.30	18.16	
1.4	16QAM	6	0	18.26	18.49	18.20	19.5
1.4	64QAM	1	0	18.64	18.85	18.63	
1.4	64QAM	1	3	18.57	18.55	18.54	
1.4	64QAM	1	5	18.99	18.91	18.54	19.5
1.4	64QAM	3	0	18.43	18.47	18.42	
1.4	64QAM	3	1	18.41	18.46	18.41	
1.4	64QAM	3	3	18.42	18.48	18.45	19.5
1.4	64QAM	6	0	18.43	18.47	18.44	
1.4	64QAM	6	0	18.43	18.47	18.44	



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	23.00	23.06	23.02	24	
10	QPSK	1	25	22.93	22.94	22.91		
10	QPSK	1	49	22.92	23.03	22.89		
10	QPSK	25	0	22.06	22.09	21.98		
10	QPSK	25	12	22.02	21.90	21.93	23	
10	QPSK	25	25	22.05	21.91	21.94		
10	QPSK	50	0	22.01	22.03	21.93		
10	16QAM	1	0	21.90	21.94	21.91		
10	16QAM	1	25	21.77	21.90	21.75	23	
10	16QAM	1	49	21.86	21.82	21.84		
10	16QAM	25	0	20.98	21.03	20.89		
10	16QAM	25	12	20.81	20.95	20.79		
10	16QAM	25	25	20.80	20.85	20.85	22	
10	16QAM	50	0	20.89	20.95	20.79		
10	64QAM	1	0	21.25	21.33	21.19		
10	64QAM	1	25	21.21	21.29	21.01		
10	64QAM	1	49	21.18	21.28	21.11	22	
10	64QAM	25	0	20.62	20.74	20.70		
10	64QAM	25	12	20.60	20.66	20.54		
10	64QAM	25	25	20.45	20.65	20.65		
10	64QAM	50	0	20.80	20.96	20.79	21.5	
Channel				20425	20525	20625		Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.85	22.93	22.84	24	
5	QPSK	1	12	22.85	22.91	22.78		
5	QPSK	1	24	22.81	22.92	22.81		
5	QPSK	12	0	22.04	22.14	22.05		
5	QPSK	12	7	22.06	22.00	22.04	23	
5	QPSK	12	13	22.06	22.02	22.09		
5	QPSK	25	0	22.02	22.04	22.01		
5	16QAM	1	0	22.02	22.06	22.02		
5	16QAM	1	12	22.04	22.10	22.22	23	
5	16QAM	1	24	22.07	22.06	22.07		
5	16QAM	12	0	21.06	21.07	20.85		
5	16QAM	12	7	20.78	20.98	20.80		
5	16QAM	12	13	20.90	20.95	20.92	22	
5	16QAM	25	0	20.89	21.10	20.75		
5	64QAM	1	0	21.39	21.20	21.04		
5	64QAM	1	12	21.31	21.23	20.90		
5	64QAM	1	24	21.10	21.36	21.26	22	
5	64QAM	12	0	20.57	20.78	20.74		
5	64QAM	12	7	20.50	20.70	20.55		
5	64QAM	12	13	20.51	20.74	20.70		
5	64QAM	25	0	20.79	20.94	20.74	21.5	
Channel				20415	20525	20635		Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.86	22.96	22.92	24	
3	QPSK	1	8	22.86	22.91	22.74		
3	QPSK	1	14	22.83	22.91	22.82		
3	QPSK	8	0	21.95	21.99	21.89		
3	QPSK	8	4	21.97	21.83	21.82	23	
3	QPSK	8	7	21.89	21.82	21.80		
3	QPSK	15	0	21.95	21.94	21.75		
3	16QAM	1	0	21.77	21.95	21.98		
3	16QAM	1	8	21.79	22.01	21.69	23	
3	16QAM	1	14	21.89	21.96	21.95		
3	16QAM	8	0	20.88	20.90	20.83		
3	16QAM	8	4	20.70	21.08	20.88		
3	16QAM	8	7	20.65	20.94	20.74	22	
3	16QAM	15	0	20.80	20.89	20.70		
3	64QAM	1	0	21.17	21.44	21.24		
3	64QAM	1	8	21.35	21.33	20.97		
3	64QAM	1	14	21.15	21.32	21.03	21.5	
3	64QAM	8	0	20.61	20.77	20.55		
3	64QAM	8	4	20.54	20.75	20.63		
3	64QAM	8	7	20.51	20.52	20.71		
3	64QAM	15	0	20.93	20.97	20.85	21.5	
Channel				20407	20525	20643		Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.85	22.98	22.96	24	
1.4	QPSK	1	3	22.84	22.77	22.89		
1.4	QPSK	1	5	22.83	22.85	22.71		
1.4	QPSK	3	0	22.94	22.92	22.82		
1.4	QPSK	3	1	22.90	22.79	22.76	23	
1.4	QPSK	3	3	22.88	22.75	22.89		
1.4	QPSK	6	0	21.99	21.98	21.80		
1.4	16QAM	1	0	21.94	22.02	21.84		
1.4	16QAM	1	3	21.66	21.92	21.66	23	
1.4	16QAM	1	5	21.79	21.88	21.91		
1.4	16QAM	3	0	21.85	21.88	21.67		
1.4	16QAM	3	1	21.90	21.90	21.73		
1.4	16QAM	3	3	21.85	22.00	21.68	22	
1.4	16QAM	6	0	21.04	20.96	20.66		
1.4	64QAM	1	0	21.15	21.34	21.25		
1.4	64QAM	1	3	21.10	21.26	20.95		
1.4	64QAM	1	5	21.28	21.22	21.01	22	
1.4	64QAM	3	0	20.50	20.75	20.69		
1.4	64QAM	3	1	20.56	20.57	20.64		
1.4	64QAM	3	3	20.50	20.77	20.50		
1.4	64QAM	6	0	20.73	20.94	20.91	21.5	

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	14.91	14.94	14.89	16
20	QPSK	1	49	14.81	14.76	14.81	
20	QPSK	1	99	14.77	14.91	14.84	
20	QPSK	50	0	14.23	14.35	14.21	
20	QPSK	50	24	14.21	14.17	14.17	15
20	QPSK	50	50	14.20	14.27	14.11	
20	QPSK	100	0	14.08	14.29	14.18	
20	16QAM	1	0	13.84	13.89	13.78	
20	16QAM	1	49	13.93	13.87	13.72	15
20	16QAM	1	99	13.77	13.82	13.80	
20	16QAM	50	0	13.34	13.38	13.41	
20	16QAM	50	24	13.30	13.52	13.54	
20	16QAM	50	50	13.37	13.44	13.33	14
20	16QAM	100	0	13.33	13.40	13.46	
20	64QAM	1	0	12.56	12.61	12.53	
20	64QAM	1	49	12.58	12.55	12.61	
20	64QAM	1	99	12.53	12.56	12.51	14
20	64QAM	50	0	12.12	12.18	12.07	
20	64QAM	50	24	12.07	12.17	12.05	
20	64QAM	50	50	12.30	12.19	12.12	
20	64QAM	100	0	12.09	12.17	11.98	13
Channel				20825	21100	21375	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	14.73	14.89	14.73	16
15	QPSK	1	37	14.64	14.72	14.66	
15	QPSK	1	74	14.62	14.74	14.81	
15	QPSK	36	0	14.12	14.26	14.08	
15	QPSK	36	20	14.15	14.17	14.01	15
15	QPSK	36	39	14.10	14.09	13.96	
15	QPSK	75	0	14.04	14.25	14.04	
15	16QAM	1	0	13.85	13.97	13.83	
15	16QAM	1	37	13.87	13.81	13.60	15
15	16QAM	1	74	13.65	13.73	13.70	
15	16QAM	36	0	13.28	13.43	13.37	
15	16QAM	36	20	13.25	13.44	13.43	
15	16QAM	36	39	13.40	13.38	13.40	14
15	16QAM	75	0	13.30	13.50	13.41	
15	64QAM	1	0	12.57	12.64	12.55	
15	64QAM	1	37	12.71	12.56	12.72	
15	64QAM	1	74	12.50	12.65	12.57	14
15	64QAM	36	0	12.03	12.28	11.94	
15	64QAM	36	20	11.98	12.29	11.95	
15	64QAM	36	39	12.38	12.30	12.13	
15	64QAM	75	0	12.04	12.16	11.85	13
Channel				20800	21100	21400	
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	14.82	14.88	14.81	16
10	QPSK	1	25	14.67	14.66	14.77	
10	QPSK	1	49	14.74	14.86	14.73	
10	QPSK	25	0	14.21	14.33	14.12	
10	QPSK	25	12	14.11	14.00	14.05	15
10	QPSK	25	25	14.18	14.25	13.94	
10	QPSK	50	0	14.04	14.22	14.00	
10	16QAM	1	0	13.96	14.04	13.93	
10	16QAM	1	25	13.91	13.85	13.73	15
10	16QAM	1	49	13.81	13.88	13.82	
10	16QAM	25	0	13.56	13.59	13.57	
10	16QAM	25	12	13.52	13.65	13.64	
10	16QAM	25	25	13.55	13.66	13.55	14
10	16QAM	50	0	13.54	13.59	13.58	
10	64QAM	1	0	12.71	12.64	12.62	
10	64QAM	1	25	12.59	12.53	12.60	
10	64QAM	1	49	12.56	12.66	12.60	14
10	64QAM	25	0	12.32	12.23	12.01	
10	64QAM	25	12	12.09	12.19	11.96	
10	64QAM	25	25	12.25	12.27	11.98	
10	64QAM	50	0	12.06	12.26	12.08	13
Channel				20775	21100	21425	
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	14.83	14.85	14.74	16
5	QPSK	1	12	14.64	14.69	14.76	
5	QPSK	1	24	14.74	14.77	14.74	
5	QPSK	12	0	14.13	14.17	14.08	
5	QPSK	12	7	14.12	14.09	14.00	15
5	QPSK	12	13	14.09	14.25	14.07	
5	QPSK	25	0	13.93	14.23	14.11	
5	16QAM	1	0	13.69	13.75	13.73	
5	16QAM	1	12	13.97	13.73	13.78	15
5	16QAM	1	24	13.91	13.91	13.84	
5	16QAM	12	0	13.55	13.58	13.56	
5	16QAM	12	7	13.58	13.56	13.59	
5	16QAM	12	13	13.53	13.54	13.51	14
5	16QAM	25	0	13.52	13.57	13.55	
5	64QAM	1	0	12.52	12.56	12.52	
5	64QAM	1	12	12.60	12.62	12.67	
5	64QAM	1	24	12.58	12.55	12.63	14
5	64QAM	12	0	12.11	12.09	12.22	
5	64QAM	12	7	12.02	12.06	12.12	
5	64QAM	12	13	12.18	12.20	12.02	
5	64QAM	25	0	12.16	12.15	11.94	13

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	Tune-up limit (dBm)	
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.27	23.34	23.21	24.5	
10	QPSK	1	25	23.15	23.22	23.21		
10	QPSK	1	49	23.10	23.28	23.09		
10	QPSK	25	0	22.35	22.63	22.55		
10	QPSK	25	12	22.31	22.52	22.47	23.5	
10	QPSK	25	25	22.33	22.52	22.49		
10	QPSK	50	0	22.50	22.61	22.57		
10	16QAM	1	0	22.05	22.21	22.15		
10	16QAM	1	25	21.93	22.12	22.11	23.5	
10	16QAM	1	49	21.98	22.14	22.07		
10	16QAM	25	0	21.49	21.56	21.48		
10	16QAM	25	12	21.36	21.50	21.37		
10	16QAM	25	25	21.40	21.42	21.39	22.5	
10	16QAM	50	0	21.35	21.51	21.49		
10	64QAM	1	0	22.04	22.10	21.92		
10	64QAM	1	25	22.01	22.05	21.83		
10	64QAM	1	49	21.89	21.99	21.77	22.5	
10	64QAM	25	0	21.42	21.47	21.42		
10	64QAM	25	12	21.40	21.43	21.38		
10	64QAM	25	25	21.36	21.49	21.41		
10	64QAM	50	0	21.38	21.46	21.36	22	
Channel				23035	23095	23155		
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.13	23.22	23.18	24.5	
5	QPSK	1	12	22.98	22.99	23.06		
5	QPSK	1	24	23.07	23.20	22.89		
5	QPSK	12	0	22.19	22.52	22.40		
5	QPSK	12	7	22.24	22.45	22.38	23.5	
5	QPSK	12	13	22.19	22.39	22.37		
5	QPSK	25	0	22.42	22.51	22.39		
5	16QAM	1	0	21.93	22.31	22.26		
5	16QAM	1	12	22.07	22.22	22.17	23.5	
5	16QAM	1	24	21.93	22.09	22.00		
5	16QAM	12	0	21.56	21.68	21.46		
5	16QAM	12	7	21.34	21.42	21.32		
5	16QAM	12	13	21.38	21.29	21.29	22.5	
5	16QAM	25	0	21.39	21.60	21.40		
5	64QAM	1	0	21.92	21.95	21.97		
5	64QAM	1	12	21.88	21.92	21.97		
5	64QAM	1	24	21.99	21.93	21.75	22.5	
5	64QAM	12	0	21.12	21.29	21.28		
5	64QAM	12	7	21.07	21.35	21.19		
5	64QAM	12	13	21.07	21.37	21.34		
5	64QAM	25	0	21.46	21.47	21.40	22	
Channel				23025	23095	23165		
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.18	23.23	23.18	24.5	
3	QPSK	1	8	22.97	22.90	23.16		
3	QPSK	1	14	22.96	22.98	22.95		
3	QPSK	8	0	22.20	22.52	22.49		
3	QPSK	8	4	22.29	22.50	22.34	23.5	
3	QPSK	8	7	22.23	22.45	22.36		
3	QPSK	15	0	22.34	22.58	22.48		
3	16QAM	1	0	22.06	22.27	22.25		
3	16QAM	1	8	22.00	22.17	22.08	23.5	
3	16QAM	1	14	22.13	22.26	21.94		
3	16QAM	8	0	21.44	21.61	21.60		
3	16QAM	8	4	21.36	21.57	21.37		
3	16QAM	8	7	21.39	21.54	21.35	22.5	
3	16QAM	15	0	21.36	21.65	21.48		
3	64QAM	1	0	21.97	21.93	21.97		
3	64QAM	1	8	22.00	21.97	21.86		
3	64QAM	1	14	21.77	21.99	21.92	22.5	
3	64QAM	8	0	21.21	21.48	21.31		
3	64QAM	8	4	21.21	21.32	21.04		
3	64QAM	8	7	21.02	21.41	21.26		
3	64QAM	15	0	21.37	21.46	21.41	22	
Channel				23017	23095	23173		
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.24	23.26	23.12	24.5	
1.4	QPSK	1	3	23.00	23.03	22.90		
1.4	QPSK	1	5	22.96	23.22	23.02		
1.4	QPSK	3	0	22.56	22.70	22.57		
1.4	QPSK	3	1	22.58	22.59	22.57	23.5	
1.4	QPSK	3	3	22.53	22.54	22.54		
1.4	QPSK	6	0	22.41	22.52	22.43		
1.4	16QAM	1	0	21.97	22.23	22.01		
1.4	16QAM	1	3	22.02	22.02	22.14	23.5	
1.4	16QAM	1	5	22.08	21.99	22.03		
1.4	16QAM	3	0	21.90	21.94	21.93		
1.4	16QAM	3	1	21.93	22.00	21.88		
1.4	16QAM	3	3	21.95	21.97	21.92	22.5	
1.4	16QAM	6	0	21.27	21.60	21.53		
1.4	64QAM	1	0	21.92	21.98	21.94		
1.4	64QAM	1	3	21.90	21.95	21.84		
1.4	64QAM	1	5	21.93	21.94	21.69	22.5	
1.4	64QAM	3	0	21.33	21.43	21.65		
1.4	64QAM	3	1	21.36	21.49	21.28		
1.4	64QAM	3	3	21.37	21.43	21.32		
1.4	64QAM	6	0	21.37	21.46	21.41	22	

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	Tune-up limit (dBm)	
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.06	23.13	23.07	24.5	
10	QPSK	1	25	22.95	23.04	23.01		
10	QPSK	1	49	22.99	23.10	23.01		
10	QPSK	25	0	22.51	22.53	22.41		
10	QPSK	25	12	22.42	22.51	22.27	23.5	
10	QPSK	25	25	22.25	22.38	22.35		
10	QPSK	50	0	22.51	22.54	22.44		
10	16QAM	1	0	22.23	22.39	22.35		
10	16QAM	1	25	22.23	22.38	22.35	23.5	
10	16QAM	1	49	22.23	22.36	22.35		
10	16QAM	25	0	21.17	21.35	21.20		
10	16QAM	25	12	21.06	21.22	21.06		
10	16QAM	25	25	20.99	21.23	21.07	22.5	
10	16QAM	50	0	21.31	21.44	21.38		
10	64QAM	1	0	21.80	21.85	21.76		
10	64QAM	1	25	21.70	21.78	21.72		
10	64QAM	1	49	21.67	21.73	21.74	22.5	
10	64QAM	25	0	21.27	21.42	21.27		
10	64QAM	25	12	21.22	21.27	21.21		
10	64QAM	25	25	21.24	21.29	21.13		
10	64QAM	50	0	21.33	21.41	21.36	22	
Channel				23755	23790	23825		
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.98	23.02	22.98	24.5	
5	QPSK	1	12	22.90	23.00	22.94		
5	QPSK	1	24	22.93	22.95	22.92		
5	QPSK	12	0	22.36	22.48	22.40		
5	QPSK	12	7	22.27	22.38	22.14	23.5	
5	QPSK	12	13	22.19	22.27	22.24		
5	QPSK	25	0	22.49	22.50	22.31		
5	16QAM	1	0	22.32	22.47	22.24		
5	16QAM	1	12	22.15	22.45	22.30	23.5	
5	16QAM	1	24	22.14	22.43	22.30		
5	16QAM	12	0	21.28	21.37	21.34		
5	16QAM	12	7	21.02	21.35	21.00		
5	16QAM	12	13	21.09	21.34	21.31	22.5	
5	16QAM	25	0	21.30	21.33	21.29		
5	64QAM	1	0	21.83	21.94	21.73		
5	64QAM	1	12	21.63	21.75	21.62		
5	64QAM	1	24	21.65	21.68	21.65	22.5	
5	64QAM	12	0	21.42	21.45	21.22		
5	64QAM	12	7	21.12	21.33	21.08		
5	64QAM	12	13	21.22	21.26	20.99		
5	64QAM	25	0	21.32	21.44	21.41	22	



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	21.14	21.20	21.07	22	
20	QPSK	1		49	21.03	21.18	20.97		
20	QPSK	1		99	20.99	21.03	20.93		
20	QPSK	50		0	19.98	20.04	20.01		
20	QPSK	50	24		19.82	19.94	20.00	21	
20	QPSK	50		50	19.91	20.02	19.95		
20	QPSK	100		0	19.81	19.99	19.97		
20	16QAM	1		0	20.13	20.17	20.08		
20	16QAM	1		49	20.07	20.02	20.02	21	
20	16QAM	1		99	20.00	20.05	19.95		
20	16QAM	50		0	18.89	18.93	18.81		
20	16QAM	50	24		18.91	18.77	19.00		
20	16QAM	50		50	19.01	18.74	18.89	20	
20	16QAM	100		0	18.87	18.95	18.81		
20	64QAM	1		0	19.45	19.48	19.39		
20	64QAM	1		49	19.36	19.51	19.62		
20	64QAM	1		99	19.30	19.51	19.48	20	
20	64QAM	50		0	18.86	18.92	18.81		
20	64QAM	50		24	18.98	18.77	18.84		
20	64QAM	50		50	18.90	18.83	18.81		
20	64QAM		100	0	18.71	18.83	18.73	19.5	
Channel					132047	132322	132597		
Frequency (MHz)					1717.5	1745	1772.5		
15	QPSK	1		0	21.08	21.12	20.95	22	
15	QPSK	1		37	20.93	21.09	20.84		
15	QPSK	1		74	20.89	20.94	20.83		
15	QPSK	36		0	19.81	19.91	19.90		
15	QPSK	36	20		19.80	19.83	19.84	21	
15	QPSK	36	39		19.75	19.78	19.88		
15	QPSK	75		0	19.75	19.87	19.80		
15	16QAM	1		0	20.21	20.29	20.04		
15	16QAM	1		37	20.11	20.09	19.90	21	
15	16QAM	1		74	19.97	20.01	19.96		
15	16QAM	36		0	19.01	18.71	19.01		
15	16QAM	36	20		19.05	18.68	18.97		
15	16QAM	36	39		18.97	18.86	18.92	20	
15	16QAM	75		0	18.99	18.76	18.85		
15	64QAM	1		0	19.46	19.43	19.41		
15	64QAM	1		37	19.30	19.43	19.49		
15	64QAM	1		74	19.43	19.38	19.44	20	
15	64QAM	36		0	18.42	18.43	18.43		
15	64QAM	36	20		18.44	18.45	18.39		
15	64QAM	36	39		18.46	18.42	18.43		
15	64QAM		75	0	18.45	18.50	18.47	19.5	
Channel					132022	132322	132622		
Frequency (MHz)					1715	1745	1775		
10	QPSK	1		0	21.09	21.16	21.01	22	
10	QPSK	1		25	21.01	21.15	20.94		
10	QPSK	1		49	20.89	20.92	20.82		
10	QPSK	25		0	19.80	19.89	20.00		
10	QPSK	25	12		19.80	19.94	19.91	21	
10	QPSK	25	25		19.77	19.77	19.86		
10	QPSK	50		0	19.72	19.84	19.83		
10	16QAM	1		0	20.08	20.18	20.17		
10	16QAM	1		25	20.16	19.92	20.03	21	
10	16QAM	1		49	20.00	20.07	19.89		
10	16QAM	25		0	18.86	18.96	18.90		
10	16QAM	25	12		18.78	18.91	18.95		
10	16QAM	25	25		18.98	18.80	18.96	20	
10	16QAM	50		0	18.78	18.90	18.80		
10	64QAM	1		0	19.31	19.46	19.34		
10	64QAM	1		25	19.36	19.49	19.46		
10	64QAM	1		49	19.27	19.37	19.35	20	
10	64QAM	25		0	18.47	18.48	18.47		
10	64QAM	25	12		18.46	18.49	18.40		
10	64QAM	25	25		18.42	18.48	18.43		
10	64QAM		50	0	18.40	18.45	18.44	19.5	
Channel					131997	132322	132647		
Frequency (MHz)					1712.5	1745	1777.5		
5	QPSK	1		0	21.01	21.14	20.94	22	
5	QPSK	1		12	20.88	21.03	20.90		
5	QPSK	1		24	20.97	20.88	20.87		
5	QPSK	12		0	19.88	19.97	19.91		
5	QPSK	12	7		19.65	19.88	19.96	21	
5	QPSK	12	13		19.78	19.88	19.89		
5	QPSK	25		0	19.73	19.84	19.82		
5	16QAM	1		0	20.17	20.28	20.21		
5	16QAM	1		12	20.19	19.93	20.06	21	
5	16QAM	1		24	20.05	20.05	19.89		
5	16QAM	12		0	19.01	19.04	18.94		
5	16QAM	12	7		19.04	18.64	18.95		
5	16QAM	12	13		18.94	18.80	18.74	20	
5	16QAM	25		0	19.09	18.96	18.84		
5	64QAM	1		0	19.32	19.44	19.42		
5	64QAM	1		12	19.24	19.43	19.39		
5	64QAM	1		24	19.38	19.33	19.45	20	
5	64QAM	12		0	18.42	18.48	18.47		
5	64QAM	12	7		18.44	18.45	18.42		
5	64QAM	12	13		18.40	18.48	18.47		
5	64QAM		25	0	18.42	18.38	18.45	19.5	
Channel					131987	132322	132657		
Frequency (MHz)					1711.5	1745	1778.5		
3	QPSK	1		0	21.08	21.12	20.91	22	
3	QPSK	1		8	20.88	21.03	20.94		
3	QPSK	1		14	20.96	20.97	20.87		
3	QPSK	8		0	19.80	19.91	19.90		

Band 71 (dBm)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up lim (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	23.33	23.46	23.25	24
20	QPSK	1	49	23.25	23.44	23.16	
20	QPSK	1	99	23.15	23.43	23.15	
20	QPSK	50	0	22.57	22.58	22.56	
20	QPSK	50	24	22.41	22.49	22.47	23
20	QPSK	50	50	22.40	22.54	22.51	
20	QPSK	100	0	22.40	22.55	22.44	
20	16QAM	1	0	22.28	22.34	22.25	
20	16QAM	1	49	22.23	22.24	22.25	23
20	16QAM	1	99	22.17	22.26	22.13	
20	16QAM	50	0	21.52	21.56	21.36	
20	16QAM	50	24	21.42	21.65	21.39	
20	16QAM	50	50	21.62	21.70	21.44	22
20	16QAM	100	0	21.39	21.48	21.27	
20	64QAM	1	0	21.88	21.94	21.82	
20	64QAM	1	49	21.74	21.98	21.88	
20	64QAM	1	99	21.87	21.98	21.88	23
20	64QAM	50	0	21.41	21.49	21.47	
20	64QAM	50	24	21.35	21.38	21.51	
20	64QAM	50	50	21.26	21.50	21.45	
20	64QAM	100	0	21.34	21.47	21.39	22
Channel				133197	133297	133397	
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.16	23.33	23.13	
15	QPSK	1	37	23.20	23.32	23.08	
15	QPSK	1	74	23.12	23.32	23.09	
15	QPSK	36	0	22.50	22.54	22.39	
15	QPSK	36	20	22.24	22.46	22.30	23
15	QPSK	36	39	22.26	22.40	22.39	
15	QPSK	75	0	22.34	22.38	22.37	
15	16QAM	1	0	22.30	22.47	22.38	
15	16QAM	1	37	22.26	22.26	22.19	23
15	16QAM	1	74	22.17	22.37	22.21	
15	16QAM	36	0	21.50	21.61	21.34	
15	16QAM	36	20	21.38	21.60	21.34	
15	16QAM	36	39	21.47	21.74	21.47	22
15	16QAM	75	0	21.51	21.53	21.32	
15	64QAM	1	0	21.81	21.93	21.85	
15	64QAM	1	37	21.68	22.01	21.91	
15	64QAM	1	74	22.10	22.75	21.71	23
15	64QAM	36	0	21.47	21.48	21.33	
15	64QAM	36	20	21.41	21.45	21.44	
15	64QAM	36	39	21.28	21.44	21.37	
15	64QAM	75	0	21.39	21.43	21.33	22
Channel				133172	133272	133422	
Frequency (MHz)				668	678	693	
10	QPSK	1	0	23.21	23.40	23.17	
10	QPSK	1	25	23.09	23.39	23.13	
10	QPSK	1	49	22.97	23.38	23.08	
10	QPSK	25	0	22.41	22.52	22.44	
10	QPSK	25	12	22.36	22.42	22.31	23
10	QPSK	25	25	22.28	22.33	22.39	
10	QPSK	50	0	22.22	22.40	22.29	
10	16QAM	1	0	22.25	22.36	22.31	
10	16QAM	1	25	22.16	22.26	22.11	23
10	16QAM	1	49	22.24	22.33	22.26	
10	16QAM	25	0	21.38	21.64	21.26	
10	16QAM	25	12	21.49	21.61	21.46	
10	16QAM	25	25	21.50	21.74	21.32	22
10	16QAM	50	0	21.44	21.46	21.22	
10	64QAM	1	0	21.90	21.99	21.83	
10	64QAM	1	25	21.77	21.75	21.95	
10	64QAM	1	49	21.87	21.91	21.81	23
10	64QAM	25	0	21.45	21.48	21.44	
10	64QAM	25	12	21.50	21.49	21.42	
10	64QAM	25	25	21.31	21.42	21.47	
10	64QAM	50	0	21.36	21.45	21.44	22
Channel				133147	133247	133447	
Frequency (MHz)				665.5	675.5	695.5	
5	QPSK	1	0	23.17	23.36	23.09	
5	QPSK	1	12	23.21	23.30	23.02	
5	QPSK	1	24	23.04	23.25	23.01	
5	QPSK	12	0	22.42	22.52	22.48	
5	QPSK	12	7	22.32	22.47	22.35	23
5	QPSK	12	13	22.34	22.45	22.41	
5	QPSK	25	0	22.35	22.43	22.39	
5	16QAM	1	0	22.41	22.47	22.37	
5	16QAM	1	12	22.22	22.25	22.17	23
5	16QAM	1	24	22.16	22.36	22.28	
5	16QAM	12	0	21.37	21.42	21.47	
5	16QAM	12	7	21.47	21.71	21.47	
5	16QAM	12	13	21.64	21.58	21.44	22
5	16QAM	25	0	21.44	21.58	21.13	
5	64QAM	1	0	21.91	21.93	21.87	
5	64QAM	1	12	21.72	21.88	21.91	
5	64QAM	1	24	21.85	21.90	21.88	23
5	64QAM	12	0	21.46	21.49	21.42	
5	64QAM	12	7	21.43	21.44	21.39	
5	64QAM	12	13	21.34	21.37	21.49	
5	64QAM	25	0	21.41	21.42	21.37	22



3	QPSK	8	4	19.75	19.76	19.91	21
3	QPSK	8	7	19.77	19.75	19.94	
3	QPSK	15	0	19.64	19.88	19.86	
3	16QAM	1	0	20.17	20.19	20.12	21
3	16QAM	1	8	20.03	20.17	20.09	
3	16QAM	1	14	20.01	20.15	19.93	
3	16QAM	8	0	18.86	18.95	18.80	20
3	16QAM	8	4	18.97	18.88	18.85	
3	16QAM	8	7	18.75	18.95	18.92	
3	16QAM	15	0	18.87	19.01	18.70	
3	64QAM	1	0	19.42	19.47	19.43	
3	64QAM	1	8	19.38	19.48	19.44	20
3	64QAM	1	14	19.19	19.44	19.50	
3	64QAM	8	0	18.45	18.49	18.39	
3	64QAM	8	4	18.48	18.50	18.45	19.5
3	64QAM	8	7	18.44	18.48	18.42	
3	64QAM	15	0	18.42	18.44	18.46	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	21.06	21.07	20.94	22
1.4	QPSK	1	3	20.89	21.04	20.85	
1.4	QPSK	1	5	20.93	20.88	20.79	
1.4	QPSK	3	0	20.20	20.22	20.20	
1.4	QPSK	3	1	19.94	20.11	20.19	
1.4	QPSK	3	3	20.10	20.29	20.03	
1.4	QPSK	6	0	19.75	19.87	19.83	21
1.4	16QAM	1	0	20.08	20.23	19.93	21
1.4	16QAM	1	3	20.18	20.08	20.07	
1.4	16QAM	1	5	20.01	20.20	20.09	
1.4	16QAM	3	0	19.19	19.00	19.16	
1.4	16QAM	3	1	19.13	19.15	19.29	
1.4	16QAM	3	3	19.15	19.28	19.25	
1.4	16QAM	6	0	18.74	18.87	18.86	20
1.4	64QAM	1	0	19.48	19.48	19.30	20
1.4	64QAM	1	3	19.36	19.39	19.13	
1.4	64QAM	1	5	19.38	19.49	19.39	
1.4	64QAM	3	0	18.41	18.45	18.42	
1.4	64QAM	3	1	18.47	18.48	18.35	
1.4	64QAM	3	3	18.37	18.46	18.39	
1.4	64QAM	6	0	18.38	18.46	18.46	19.5

**2.4GHz WLAN ANT 1**

2.4GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11b 1Mbps	CH 1	2412	15.03	16.00	16.00	98.69
		CH 7	2442	15.36	16.00	16.00	
		CH 13	2472	15.50	16.50	16.00	
	802.11g 6Mbps	CH 1	2412	14.93	15.50	16.00	98.35
		CH 7	2442	15.49	16.00	16.00	98.35
		CH 13	2472	14.67	15.50	16.00	98.26
	802.11n-HT20 MCS0	CH 1	2412	14.81	15.50	16.00	98.13
		CH 7	2442	15.53	16.50	16.00	98.13
		CH 13	2472	15.06	16.00	16.00	98.23

5.2GHz WLAN ANT 1

5.2GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11a 6Mbps	CH 36	5180	14.34	15.00	14.00	98.06
		CH 44	5220	13.16	14.00	14.00	98.06
		CH 48	5240	12.37	13.00	14.00	99.03
	802.11n-HT20 MCS0	CH 36	5180	14.23	15.00	14.00	98.96
		CH 40	5200	13.06	14.00	14.00	97.92
		CH 48	5240	13.13	14.00	14.00	97.92
	802.11n-HT40 MCS0	CH 38	5190	14.84	15.50	14.00	95.83
		CH 46	5230	13.60	14.50	14.00	95.83

5.8GHz WLAN ANT 1

5.8GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11a 6Mbps	CH 149	5745	17.76	18.50	16.00	99.03
		CH 157	5785	17.76	18.50	16.00	98.06
		CH 165	5825	17.06	18.00	16.00	98.06
	802.11n-HT20 MCS0	CH 149	5745	17.73	18.50	16.00	97.92
		CH 157	5785	17.06	18.00	16.00	97.92
		CH 165	5825	16.99	17.50	16.00	97.92
	802.11n-HT40 MCS0	CH 151	5755	17.68	18.50	16.00	95.83
		CH 159	5795	17.58	18.50	16.00	95.83

Mode	Channel	Frequency (MHz)	1Mbps			2Mbps			3Mbps		
			Average power (dBm)	Duty Cycle %	Tune-up Limit	Average power (dBm)	Duty Cycle %	Tune-up Limit	Average power (dBm)	Duty Cycle %	Tune-up Limit
BR / EDR	CH 00	2402	5.57	77.03	6.50	5.20	77.04	78.00	3.63	77.09	4.50
	CH 39	2441	6.80	77.03	7.50	6.57	77.04	78.00	5.29	77.14	6.00
	CH 78	2480	7.18	76.96	8.00	6.14	77.04	78.00	6.00	77.09	7.00
Power Setting			9.00			9.00			9.00		