



REPORT No.: SZ22110262S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacture document.



Conducted Power

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
	128	189	251		128	189	251		
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8		
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		
GSM 1 Tx slot	32.60	32.66	32.58	33.50	23.60	23.66	23.58	24.50	0.09
GPRS 1 Tx slot	32.58	32.61	32.57	33.50	23.58	23.61	23.57	24.50	
GPRS 2 Tx slots	31.60	31.63	31.58	32.50	25.60	25.63	25.58	26.50	0.05
GPRS 3 Tx slots	29.61	29.62	29.55	30.50	25.35	25.36	25.29	26.24	0.07
GPRS 4 Tx slots	28.55	28.57	28.53	29.50	25.55	25.57	25.53	26.50	0.04
EDGE 1 Tx slot	26.54	26.60	26.52	27.50	17.54	17.60	17.52	18.50	0.08
EDGE 2 Tx slots	25.52	25.54	25.47	26.50	19.52	19.54	19.47	20.50	0.07
EDGE 3 Tx slots	23.31	23.35	23.30	24.00	19.05	19.09	19.04	19.74	0.05
EDGE 4 Tx slots	22.08	22.10	22.07	23.00	19.08	19.10	19.07	20.00	0.03
Mode		Max.	32.66			Max.	25.63		
Attenuator	Cable Loss : 0.6								

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
	512	661	810		512	661	810		
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8		
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8		
GSM 1 Tx slot	29.70	29.77	29.73	30.50	20.70	20.77	20.73	21.50	0.07
GPRS 1 Tx slot	29.70	29.76	29.72	30.50	20.70	20.76	20.72	21.50	
GPRS 2 Tx slots	28.79	28.83	28.80	29.50	22.79	22.83	22.80	23.50	0.04
GPRS 3 Tx slots	26.88	26.90	26.86	27.50	22.62	22.64	22.60	23.24	0.04
GPRS 4 Tx slots	25.81	25.84	25.83	26.50	22.81	22.84	22.83	23.50	0.03
EDGE 1 Tx slot	25.80	25.90	25.78	26.50	16.80	16.90	16.78	17.50	0.12
EDGE 2 Tx slots	24.76	24.83	24.79	25.50	18.76	18.83	18.79	19.50	0.07
EDGE 3 Tx slots	22.58	22.60	22.55	23.50	18.32	18.34	18.29	19.24	0.05
EDGE 4 Tx slots	21.37	21.40	21.33	22.00	18.37	18.40	18.33	19.00	0.07
Mode		Max.	29.77			Max.	22.84		
Attenuator	Cable Loss : 0.8								

Band		WCDMA Band II (dBm)			Tune-up Limit (dBm)	WCDMA Band IV (dBm)			Tune-up Limit (dBm)	WCDMA Band V (dBm)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	22.19	22.24	22.14	23.00	22.13	22.16	22.09	23.00	22.27	22.32	22.30	23.00
3GPP Rel 6	HSDPA Subtest-1	21.86	21.76	21.78	22.50	21.87	21.82	21.73	22.50	21.94	21.94	21.97	22.50
3GPP Rel 6	HSDPA Subtest-2	21.82	21.74	21.75	22.50	21.81	21.83	21.77	22.50	21.92	21.92	21.90	22.50
3GPP Rel 6	HSDPA Subtest-3	21.34	21.32	21.26	22.00	21.33	21.37	21.31	22.00	21.46	21.45	21.44	22.00
3GPP Rel 6	HSDPA Subtest-4	21.33	21.30	21.23	22.00	21.31	21.35	21.26	22.00	21.46	21.39	21.40	22.00
3GPP Rel 6	HSUPA Subtest-1	21.38	21.30	21.26	22.00	21.30	21.33	21.30	22.00	21.44	21.44	21.44	22.00
3GPP Rel 6	HSUPA Subtest-2	21.85	21.79	21.79	22.50	21.83	21.82	21.77	22.50	21.91	21.92	21.95	22.50
3GPP Rel 6	HSUPA Subtest-3	20.89	20.83	20.81	21.50	20.84	20.86	20.84	21.50	21.00	20.97	20.95	21.50
3GPP Rel 6	HSUPA Subtest-4	21.86	21.76	21.79	22.00	21.87	21.83	21.76	22.00	21.91	21.94	21.94	22.00
3GPP Rel 6	HSUPA Subtest-5	20.84	20.80	20.80	21.50	20.80	20.84	20.79	21.50	20.98	20.97	20.92	21.50
Attenuator		Cable Loss		0.8		Cable Loss		0.8		Cable Loss		0.6	
Mode			Max.	22.24			Max.	22.16			Max.	22.32	



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	21.68	21.76	21.70	
20	QPSK	1	49	21.57	21.69	21.52	22.5
20	QPSK	1	99	21.37	21.66	21.59	
20	QPSK	50	0	20.46	20.48	20.43	
20	QPSK	50	24	20.48	20.51	20.44	21.5
20	QPSK	50	50	20.58	20.38	20.57	
20	QPSK	100	0	20.35	20.62	20.47	
20	16QAM	1	0	20.51	20.86	20.36	21.5
20	16QAM	1	49	20.71	20.64	20.53	
20	16QAM	1	99	20.59	20.62	20.47	
20	16QAM	50	0	19.85	19.90	19.73	20.5
20	16QAM	50	24	19.77	19.70	19.82	
20	16QAM	50	50	19.79	19.83	19.65	
20	16QAM	100	0	19.85	19.71	19.65	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	21.55	21.73	21.59	
15	QPSK	1	37	21.76	21.55	21.62	22.5
15	QPSK	1	74	21.57	21.72	21.48	
15	QPSK	36	0	20.59	20.52	20.64	
15	QPSK	36	20	20.54	20.61	20.58	21.5
15	QPSK	36	39	20.58	20.39	20.51	
15	QPSK	75	0	20.40	20.73	20.45	
15	16QAM	1	0	20.58	20.68	20.52	21.5
15	16QAM	1	37	20.59	20.73	20.54	
15	16QAM	1	74	20.51	20.84	20.54	
15	16QAM	36	0	19.68	19.58	19.57	20.5
15	16QAM	36	20	19.44	19.65	19.45	
15	16QAM	36	39	19.61	19.65	19.69	
15	16QAM	75	0	19.49	19.78	19.80	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	21.53	21.75	21.52	
10	QPSK	1	25	21.41	21.55	21.68	22.5
10	QPSK	1	49	21.68	21.51	21.52	
10	QPSK	25	0	20.58	20.78	20.76	
10	QPSK	25	12	20.77	20.64	20.58	21.5
10	QPSK	25	25	20.63	20.71	20.52	
10	QPSK	50	0	20.70	20.40	20.58	
10	16QAM	1	0	20.68	20.90	20.66	21.5
10	16QAM	1	25	20.51	20.67	20.71	
10	16QAM	1	49	20.47	20.55	20.50	
10	16QAM	25	0	19.87	19.89	19.82	20.5
10	16QAM	25	12	19.66	19.71	19.66	
10	16QAM	25	25	19.89	19.49	19.82	
10	16QAM	50	0	19.73	19.52	19.72	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	21.58	21.70	21.56	
5	QPSK	1	12	21.59	21.62	21.52	22.5
5	QPSK	1	24	21.63	21.60	21.61	
5	QPSK	12	0	20.74	20.72	20.66	
5	QPSK	12	7	20.56	20.39	20.66	21.5
5	QPSK	12	13	20.66	20.45	20.58	
5	QPSK	25	0	20.55	20.58	20.49	
5	16QAM	1	0	20.79	20.69	20.42	21.5
5	16QAM	1	12	20.56	20.68	20.51	
5	16QAM	1	24	20.70	20.73	20.49	
5	16QAM	12	0	19.61	19.83	19.73	20.5
5	16QAM	12	7	19.67	19.69	19.42	
5	16QAM	12	13	19.76	19.73	19.80	
5	16QAM	25	0	19.46	19.78	19.57	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	21.68	21.71	21.62	
3	QPSK	1	8	21.64	21.58	21.47	22.5
3	QPSK	1	14	21.58	21.68	21.54	
3	QPSK	8	0	20.53	20.60	20.40	
3	QPSK	8	4	20.63	20.51	20.67	21.5
3	QPSK	8	7	20.59	20.58	20.35	
3	QPSK	15	0	20.42	20.59	20.37	
3	16QAM	1	0	20.60	20.64	20.66	21.5
3	16QAM	1	8	20.47	20.51	20.41	
3	16QAM	1	14	20.72	20.79	20.32	
3	16QAM	8	0	19.63	19.96	19.82	20.5
3	16QAM	8	4	19.80	19.61	19.74	
3	16QAM	8	7	19.78	19.59	19.69	
3	16QAM	15	0	19.50	19.52	19.79	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	21.55	21.73	21.65	
1.4	QPSK	1	3	21.52	21.51	21.50	22.5
1.4	QPSK	1	5	21.65	21.52	21.69	
1.4	QPSK	3	0	20.61	20.53	20.57	
1.4	QPSK	3	1	20.77	20.63	20.64	21.5
1.4	QPSK	3	3	20.56	20.58	20.61	
1.4	QPSK	6	0	20.54	20.50	20.47	
1.4	16QAM	1	0	20.70	20.76	20.38	21.5
1.4	16QAM	1	3	20.59	20.65	20.57	
1.4	16QAM	1	5	20.51	20.51	20.54	
1.4	16QAM	3	0	19.85	19.89	19.60	21.5
1.4	16QAM	3	1	19.68	19.50	19.74	
1.4	16QAM	3	3	19.54	19.61	19.81	
1.4	16QAM	6	0	19.75	19.90	19.54	20.5

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	21.62	21.80	21.68	22.5
20	QPSK	1	49	21.57	21.62	21.67	
20	QPSK	1	99	21.67	21.47	21.55	
20	QPSK	50	0	20.59	20.66	20.50	
20	QPSK	50	24	20.59	20.41	20.65	
20	QPSK	50	50	20.57	20.53	20.69	21.5
20	QPSK	100	0	20.65	20.47	20.43	
20	16QAM	1	0	20.45	20.69	20.54	
20	16QAM	1	49	20.50	20.57	20.48	
20	16QAM	1	99	20.68	20.56	20.57	
20	16QAM	50	0	19.92	19.80	19.75	20.5
20	16QAM	50	24	19.83	19.76	19.82	
20	16QAM	50	50	19.80	19.91	19.83	
20	16QAM	100	0	19.66	19.89	19.60	
Channel				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	Tune-up limit (dBm)
15	QPSK	1	0	21.69	21.77	21.70	22.5
15	QPSK	1	37	21.64	21.54	21.38	
15	QPSK	1	74	21.57	21.57	21.59	
15	QPSK	36	0	20.43	20.80	20.72	
15	QPSK	36	20	20.57	20.44	20.55	
15	QPSK	36	39	20.52	20.53	20.49	21.5
15	QPSK	75	0	20.67	20.62	20.54	
15	16QAM	1	0	20.47	20.54	20.66	
15	16QAM	1	37	20.62	20.48	20.64	
15	16QAM	1	74	20.60	20.57	20.54	
15	16QAM	36	0	19.87	19.76	19.87	20.5
15	16QAM	36	20	19.78	19.75	19.55	
15	16QAM	36	39	19.81	19.90	19.83	
15	16QAM	75	0	19.92	19.75	19.70	
Channel				20000	20175	20350	
Frequency (MHz)				1715	1732.5	1750	Tune-up limit (dBm)
10	QPSK	1	0	21.61	21.77	21.59	22.5
10	QPSK	1	25	21.75	21.53	21.40	
10	QPSK	1	49	21.48	21.56	21.45	
10	QPSK	25	0	20.38	20.66	20.63	
10	QPSK	25	12	20.62	20.75	20.44	
10	QPSK	25	25	20.69	20.72	20.60	21.5
10	QPSK	50	0	20.36	20.43	20.43	
10	16QAM	1	0	20.80	20.64	20.41	
10	16QAM	1	25	20.67	20.67	20.77	
10	16QAM	1	49	20.80	20.48	20.67	
10	16QAM	25	0	19.60	19.75	19.67	20.5
10	16QAM	25	12	19.48	19.77	19.83	
10	16QAM	25	25	19.74	19.73	19.74	
10	16QAM	50	0	19.78	19.78	19.58	
Channel				19975	20175	20375	
Frequency (MHz)				1712.5	1732.5	1752.5	Tune-up limit (dBm)
5	QPSK	1	0	21.51	21.78	21.60	22.5
5	QPSK	1	12	21.74	21.42	21.41	
5	QPSK	1	24	21.38	21.55	21.38	
5	QPSK	12	0	20.52	20.48	20.77	
5	QPSK	12	7	20.80	20.60	20.59	
5	QPSK	12	13	20.59	20.58	20.41	21.5
5	QPSK	25	0	20.51	20.62	20.36	
5	16QAM	1	0	20.85	20.89	20.62	
5	16QAM	1	12	20.54	20.74	20.50	
5	16QAM	1	24	20.52	20.56	20.51	
5	16QAM	12	0	19.85	19.68	19.58	20.5
5	16QAM	12	7	19.48	19.79	19.73	
5	16QAM	12	13	19.63	19.86	19.88	
5	16QAM	25	0	19.74	19.65	19.86	
Channel				19965	20175	20385	
Frequency (MHz)				1711.5	1732.5	1753.5	Tune-up limit (dBm)
3	QPSK	1	0	21.68	21.75	21.57	22.5
3	QPSK	1	8	21.73	21.66	21.60	
3	QPSK	1	14	21.63	21.54	21.69	
3	QPSK	8	0	20.39	20.50	20.61	
3	QPSK	8	4	20.49	20.70	20.42	
3	QPSK	8	7	20.45	20.64	20.50	21.5
3	QPSK	15	0	20.58	20.57	20.39	
3	16QAM	1	0	20.51	20.79	20.43	
3	16QAM	1	8	20.71	20.52	20.62	
3	16QAM	1	14	20.47	20.81	20.68	
3	16QAM	8	0	19.77	19.95	19.64	20.5
3	16QAM	8	4	19.73	19.86	19.65	
3	16QAM	8	7	19.79	19.90	19.80	
3	16QAM	15	0	19.77	19.76	19.68	
Channel				19957	20175	20393	
Frequency (MHz)				1710.7	1732.5	1754.3	Tune-up limit (dBm)
1.4	QPSK	1	0	21.67	21.74	21.54	22.5
1.4	QPSK	1	3	21.47	21.61	21.39	
1.4	QPSK	1	5	21.70	21.54	21.67	
1.4	QPSK	3	0	20.57	20.80	20.75	
1.4	QPSK	3	1	20.77	20.74	20.55	
1.4	QPSK	3	3	20.73	20.55	20.56	21.5
1.4	QPSK	6	0	20.48	20.39	20.43	
1.4	16QAM	1	0	20.50	20.65	20.50	
1.4	16QAM	1	3	20.47	20.48	20.79	
1.4	16QAM	1	5	20.53	20.54	20.42	
1.4	16QAM	3	0	19.62	19.78	19.86	20.5
1.4	16QAM	3	1	19.58	19.94	19.84	
1.4	16QAM	3	3	20.00	19.97	19.84	
1.4	16QAM	6	0	19.57	19.76	19.71	



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	22.24	22.30	22.21	23
10	QPSK	1	25	21.89	22.05	21.96	
10	QPSK	1	49	22.24	21.93	22.09	
10	QPSK	25	0	21.00	21.24	20.99	22
10	QPSK	25	12	20.96	20.87	20.90	
10	QPSK	25	25	21.05	20.89	21.15	
10	QPSK	50	0	21.04	21.05	21.19	22
10	16QAM	1	0	21.30	21.32	21.09	
10	16QAM	1	25	21.05	21.16	21.21	
10	16QAM	1	49	21.00	21.28	21.04	21
10	16QAM	25	0	20.14	20.40	20.26	
10	16QAM	25	12	20.04	20.38	20.25	
10	16QAM	25	25	20.31	20.36	20.24	21
10	16QAM	50	0	20.13	20.25	20.25	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.18	22.26	22.14	23
5	QPSK	1	12	22.07	21.92	22.01	
5	QPSK	1	24	22.18	21.92	22.18	
5	QPSK	12	0	21.18	21.12	20.91	22
5	QPSK	12	7	20.94	20.98	21.04	
5	QPSK	12	13	21.11	21.09	21.04	
5	QPSK	25	0	21.09	21.07	21.07	22
5	16QAM	1	0	21.15	21.17	20.87	
5	16QAM	1	12	20.84	21.22	21.09	
5	16QAM	1	24	21.27	21.15	20.82	21
5	16QAM	12	0	20.14	20.39	20.10	
5	16QAM	12	7	19.94	20.29	20.24	
5	16QAM	12	13	20.22	20.33	20.03	21
5	16QAM	25	0	20.17	20.16	20.29	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.10	22.25	22.13	23
3	QPSK	1	8	22.00	22.13	21.92	
3	QPSK	1	14	22.07	22.17	22.02	
3	QPSK	8	0	20.92	21.13	21.20	22
3	QPSK	8	4	21.24	21.21	21.09	
3	QPSK	8	7	21.04	21.06	21.10	
3	QPSK	15	0	20.93	20.99	20.99	22
3	16QAM	1	0	20.96	21.10	20.96	
3	16QAM	1	8	20.93	21.11	21.07	
3	16QAM	1	14	21.30	21.29	21.05	21
3	16QAM	8	0	20.11	20.17	20.24	
3	16QAM	8	4	19.94	20.18	20.17	
3	16QAM	8	7	20.15	20.12	20.36	21
3	16QAM	15	0	20.15	20.45	20.27	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.15	22.23	22.10	23
1.4	QPSK	1	3	22.14	22.06	22.15	
1.4	QPSK	1	5	22.09	22.17	22.02	
1.4	QPSK	3	0	21.09	21.14	21.01	22
1.4	QPSK	3	1	21.30	21.03	21.00	
1.4	QPSK	3	3	21.14	21.05	21.08	
1.4	QPSK	6	0	20.91	21.03	20.92	22
1.4	16QAM	1	0	21.06	21.10	20.99	
1.4	16QAM	1	3	21.02	21.13	21.02	
1.4	16QAM	1	5	21.29	21.06	20.87	22
1.4	16QAM	3	0	20.26	20.34	20.09	
1.4	16QAM	3	1	20.00	20.18	20.11	
1.4	16QAM	3	3	20.16	20.34	20.27	21
1.4	16QAM	6	0	20.28	20.41	20.39	

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	19.58	19.77	19.80	20.5
20	QPSK	1	49	19.54	19.67	19.47	
20	QPSK	1	99	19.55	19.54	19.40	
20	QPSK	50	0	18.57	18.65	18.43	19.5
20	QPSK	50	24	18.53	18.57	18.58	
20	QPSK	50	50	18.48	18.62	18.57	
20	QPSK	100	0	18.35	18.64	18.66	19.5
20	16QAM	1	0	18.79	18.74	18.57	
20	16QAM	1	49	18.68	18.48	18.75	
20	16QAM	1	99	18.49	18.66	18.56	18.5
20	16QAM	50	0	17.73	17.73	17.86	
20	16QAM	50	24	17.71	17.77	17.56	
20	16QAM	50	50	17.75	17.73	17.49	18.5
20	16QAM	100	0	17.86	17.63	17.60	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.62	19.73	19.63	20.5
15	QPSK	1	37	19.51	19.33	19.50	
15	QPSK	1	74	19.46	19.42	19.37	
15	QPSK	36	0	18.71	18.41	18.54	19.5
15	QPSK	36	20	18.44	18.56	18.56	
15	QPSK	36	39	18.75	18.53	18.62	
15	QPSK	75	0	18.43	18.71	18.47	19.5
15	16QAM	1	0	18.46	18.58	18.71	
15	16QAM	1	37	18.39	18.60	18.56	
15	16QAM	1	74	18.63	18.69	18.51	18.5
15	16QAM	36	0	17.60	17.89	17.76	
15	16QAM	36	20	17.57	17.84	17.57	
15	16QAM	36	39	17.66	17.81	17.88	18.5
15	16QAM	75	0	17.87	17.78	17.61	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.53	19.72	19.72	20.5
10	QPSK	1	25	19.48	19.62	19.35	
10	QPSK	1	49	19.50	19.32	19.41	
10	QPSK	25	0	18.66	18.54	18.71	19.5
10	QPSK	25	12	18.51	18.50	18.36	
10	QPSK	25	25	18.39	18.71	18.35	
10	QPSK	50	0	18.49	18.36	18.46	19.5
10	16QAM	1	0	18.75	18.60	18.48	
10	16QAM	1	25	18.38	18.65	18.59	
10	16QAM	1	49	18.63	18.58	18.31	18.5
10	16QAM	25	0	17.85	17.93	17.79	
10	16QAM	25	12	17.59	17.89	17.82	
10	16QAM	25	25	17.86	17.86	17.70	18.5
10	16QAM	50	0	17.79	17.85	17.63	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.68	19.71	19.59	20.5
5	QPSK	1	12	19.57	19.42	19.51	
5	QPSK	1	24	19.59	19.39	19.38	
5	QPSK	12	0	18.51	18.52	18.65	19.5
5	QPSK	12	7	18.41	18.56	18.65	
5	QPSK	12	13	18.37	18.56	18.63	
5	QPSK	25	0	18.45	18.69	18.63	19.5
5	16QAM	1	0	18.77	18.58	18.42	
5	16QAM	1	12	18.52	18.70	18.39	
5	16QAM	1	24	18.50	18.83	18.48	18.5
5	16QAM	12	0	17.62	17.87	17.56	
5	16QAM	12	7	17.57	17.77	17.70	
5	16QAM	12	13	17.83	17.83	17.52	18.5
5	16QAM	25	0	17.85	17.73	17.81	



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	21.65	21.78	21.66	22.5
10	QPSK	1	25	21.43	21.72	21.64	
10	QPSK	1	49	21.57	21.66	21.57	
10	QPSK	25	0	20.51	20.71	20.39	21.5
10	QPSK	25	12	20.67	20.62	20.45	
10	QPSK	25	25	20.47	20.60	20.50	
10	QPSK	50	0	20.33	20.42	20.61	21.5
10	16QAM	1	0	20.67	20.89	20.60	
10	16QAM	1	25	20.44	20.60	20.73	
10	16QAM	1	49	20.40	20.75	20.51	20.5
10	16QAM	25	0	19.84	19.77	19.77	
10	16QAM	25	12	19.54	19.65	19.73	
10	16QAM	25	25	19.83	19.81	19.83	20.5
10	16QAM	50	0	19.65	19.63	19.75	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	21.44	21.69	21.44	22.5
5	QPSK	1	12	21.52	21.64	21.51	
5	QPSK	1	24	21.49	21.38	21.64	
5	QPSK	12	0	20.65	20.57	20.43	21.5
5	QPSK	12	7	20.80	20.40	20.58	
5	QPSK	12	13	20.71	20.39	20.71	
5	QPSK	25	0	20.48	20.50	20.48	21.5
5	16QAM	1	0	20.63	20.75	20.49	
5	16QAM	1	12	20.47	20.60	20.76	
5	16QAM	1	24	20.77	20.72	20.42	20.5
5	16QAM	12	0	19.87	19.80	19.86	
5	16QAM	12	7	19.55	19.81	19.65	
5	16QAM	12	13	19.88	19.65	19.53	20.5
5	16QAM	25	0	19.65	19.79	19.54	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	21.52	21.70	21.65	22.5
3	QPSK	1	8	21.52	21.69	21.55	
3	QPSK	1	14	21.66	21.58	21.68	
3	QPSK	8	0	20.51	20.63	20.38	21.5
3	QPSK	8	4	20.75	20.64	20.73	
3	QPSK	8	7	20.47	20.59	20.46	
3	QPSK	15	0	20.47	20.40	20.68	21.5
3	16QAM	1	0	20.68	20.78	20.41	
3	16QAM	1	8	20.35	20.66	20.76	
3	16QAM	1	14	20.42	20.46	20.65	20.5
3	16QAM	8	0	19.82	19.70	19.64	
3	16QAM	8	4	19.60	19.92	19.53	
3	16QAM	8	7	19.89	19.91	19.65	20.5
3	16QAM	15	0	19.68	19.73	19.67	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	21.54	21.70	21.60	22.5
1.4	QPSK	1	3	21.68	21.62	21.35	
1.4	QPSK	1	5	21.65	21.66	21.31	
1.4	QPSK	3	0	20.77	20.69	20.58	21.5
1.4	QPSK	3	1	20.82	20.76	20.50	
1.4	QPSK	3	3	20.64	20.57	20.50	
1.4	QPSK	6	0	20.37	20.42	20.29	21.5
1.4	16QAM	1	0	20.56	20.53	20.70	
1.4	16QAM	1	3	20.46	20.54	20.55	
1.4	16QAM	1	5	20.64	20.84	20.68	21.5
1.4	16QAM	3	0	19.83	20.06	19.80	
1.4	16QAM	3	1	19.66	19.77	19.78	
1.4	16QAM	3	3	19.92	19.65	19.89	20.5
1.4	16QAM	6	0	19.74	19.79	19.76	

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	21.46	21.75	21.57	22.5
10	QPSK	1	25	21.46	21.57	21.60	
10	QPSK	1	49	21.67	21.49	21.52	
10	QPSK	25	0	20.70	20.72	20.53	21.5
10	QPSK	25	12	20.48	20.46	20.62	
10	QPSK	25	25	20.40	20.70	20.43	
10	QPSK	50	0	20.34	20.43	20.49	21.5
10	16QAM	1	0	20.69	20.55	20.59	
10	16QAM	1	25	20.69	20.52	20.48	
10	16QAM	1	49	20.80	20.80	20.47	20.5
10	16QAM	25	0	19.91	19.67	19.92	
10	16QAM	25	12	19.81	19.67	19.74	
10	16QAM	25	25	19.91	19.83	19.74	20.5
10	16QAM	50	0	19.73	19.84	19.54	
Channel				23756	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	21.56	21.74	21.61	22.5
5	QPSK	1	12	21.67	21.42	21.63	
5	QPSK	1	24	21.62	21.63	21.70	
5	QPSK	12	0	20.59	20.71	20.77	21.5
5	QPSK	12	7	20.60	20.74	20.54	
5	QPSK	12	13	20.63	20.44	20.42	
5	QPSK	25	0	20.35	20.52	20.60	21.5
5	16QAM	1	0	20.75	20.63	20.53	
5	16QAM	1	12	20.47	20.74	20.66	
5	16QAM	1	24	20.57	20.53	20.47	20.5
5	16QAM	12	0	19.78	19.80	19.73	
5	16QAM	12	7	19.65	19.79	19.85	
5	16QAM	12	13	19.61	19.74	19.55	20.5
5	16QAM	25	0	19.56	19.90	19.82	



Band 38(only on channel required) (dBm)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.61	21.76	21.72	22.5
20	QPSK	1	49	21.64	21.70	21.56	
20	QPSK	1	99	21.55	21.58	21.66	
20	QPSK	50	0	20.72	20.75	20.68	21.5
20	QPSK	50	24	20.42	20.70	20.52	
20	QPSK	50	50	20.57	20.51	20.55	
20	QPSK	100	0	20.42	20.66	20.56	21.5
20	16QAM	1	0	20.57	20.70	20.44	
20	16QAM	1	49	20.62	20.76	20.52	
20	16QAM	1	99	20.46	20.70	20.39	20.5
20	16QAM	50	0	19.89	19.83	19.69	
20	16QAM	50	24	19.64	19.55	19.52	
20	16QAM	50	50	19.76	19.78	19.80	20.5
20	16QAM	100	0	19.65	19.95	19.92	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.63	21.72	21.69	22.5
15	QPSK	1	37	21.62	21.61	21.44	
15	QPSK	1	74	21.64	21.48	21.55	
15	QPSK	36	0	20.63	20.55	20.44	21.5
15	QPSK	36	20	20.74	20.48	20.70	
15	QPSK	36	39	20.70	20.76	20.64	
15	QPSK	75	0	20.51	20.66	20.35	21.5
15	16QAM	1	0	20.68	20.65	20.67	
15	16QAM	1	37	20.67	20.66	20.48	
15	16QAM	1	74	20.47	20.65	20.68	20.5
15	16QAM	36	0	19.66	19.96	19.59	
15	16QAM	36	20	19.54	19.72	19.55	
15	16QAM	36	39	19.66	19.59	19.67	20.5
15	16QAM	75	0	19.70	19.82	19.81	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.55	21.71	21.65	22.5
10	QPSK	1	25	21.60	21.51	21.55	
10	QPSK	1	49	21.61	21.52	21.68	
10	QPSK	25	0	20.57	20.77	20.51	21.5
10	QPSK	25	12	20.68	20.72	20.36	
10	QPSK	25	25	20.70	20.85	20.39	
10	QPSK	50	0	20.56	20.61	20.45	21.5
10	16QAM	1	0	20.59	20.65	20.42	
10	16QAM	1	25	20.39	20.42	20.47	
10	16QAM	1	49	20.42	20.81	20.36	20.5
10	16QAM	25	0	19.89	19.75	19.67	
10	16QAM	25	12	19.57	19.69	19.52	
10	16QAM	25	25	19.82	19.94	19.84	20.5
10	16QAM	50	0	19.79	19.63	19.74	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.64	21.70	21.54	22.5
5	QPSK	1	12	21.64	21.45	21.61	
5	QPSK	1	24	21.65	21.52	21.44	
5	QPSK	12	0	20.39	20.44	20.49	21.5
5	QPSK	12	7	20.77	20.76	20.41	
5	QPSK	12	13	20.63	20.38	20.58	
5	QPSK	25	0	20.47	20.51	20.66	21.5
5	16QAM	1	0	20.83	20.62	20.61	
5	16QAM	1	12	20.48	20.68	20.59	
5	16QAM	1	24	20.75	20.64	20.52	20.5
5	16QAM	12	0	19.98	19.91	19.88	
5	16QAM	12	7	19.60	19.73	19.83	
5	16QAM	12	13	19.78	19.62	19.78	20.5
5	16QAM	25	0	19.83	19.85	19.86	

Band 40 (2.3G Band-1) (dBm) Part 27D-1 2305MHz ~ 2315MHz							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel					38750		
Frequency (MHz)					2310		
10	QPSK	1	0		21.72		22.5
10	QPSK	1	25		21.69		
10	QPSK	1	49		21.61		
10	QPSK	25	0		20.88		21.5
10	QPSK	25	12		20.66		
10	QPSK	25	25		20.72		
10	QPSK	50	0		20.56		21.5
10	16QAM	1	0		20.57		
10	16QAM	1	25		20.45		
10	16QAM	1	49		19.86		20.5
10	16QAM	25	0		19.62		
10	16QAM	25	12		19.75		
10	16QAM	25	25		19.55		20.5
10	16QAM	50	0		19.68		
Channel				38725	38750	38775	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0		21.65	21.65	22.5
5	QPSK	1	12		21.64	21.55	
5	QPSK	1	24		21.62	21.43	
5	QPSK	12	0		20.50	20.39	21.5
5	QPSK	12	7		20.55	20.55	
5	QPSK	12	13		20.58	20.64	
5	QPSK	25	0		20.45	20.55	21.5
5	16QAM	1	0		20.84	20.57	
5	16QAM	1	12		20.65	20.51	
5	16QAM	1	24		20.73	20.49	20.5
5	16QAM	12	0		19.83	20.01	
5	16QAM	12	7		19.69	19.77	
5	16QAM	12	13		19.61	19.81	20.5
5	16QAM	25	0		19.89	19.87	



Band 40 (2.3G Band-2) (dBm)							
Part 27D-2 2350MHz ~ 2360MHz							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				39200			
Frequency (MHz)				2355			22.5
10	QPSK	1	0	21.63			
10	QPSK	1	25	21.53			
10	QPSK	1	49	21.61			
10	QPSK	25	0	20.59			
10	QPSK	25	12	20.47			21.5
10	QPSK	25	25	20.53			
10	QPSK	50	0	20.50			
10	16QAM	1	0	20.46			
10	16QAM	1	25	20.53			
10	16QAM	1	49	20.46			21.5
10	16QAM	25	0	19.67			
10	16QAM	25	12	19.69			
10	16QAM	25	25	19.71			
10	16QAM	50	0	19.62			
Channel				39175	39200	39225	Tune-up limit (dBm)
Frequency (MHz)				2352.5	2355	2357.5	
5	QPSK	1	0	21.59	21.64	21.59	22.5
5	QPSK	1	12	21.58	21.49	21.52	
5	QPSK	1	24	21.56	21.39	21.37	
5	QPSK	12	0	20.44	20.41	20.33	
5	QPSK	12	7	20.49	20.60	20.49	
5	QPSK	12	13	20.52	20.42	20.58	21.5
5	QPSK	25	0	20.39	20.61	20.49	
5	16QAM	1	0	20.78	20.51	20.59	
5	16QAM	1	12	20.59	20.45	20.63	
5	16QAM	1	24	20.67	20.44	20.43	
5	16QAM	12	0	19.77	19.95	19.58	20.5
5	16QAM	12	7	19.63	19.86	19.71	
5	16QAM	12	13	19.55	19.75	19.46	
5	16QAM	25	0	19.83	19.81	19.48	



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	21.89	21.79	21.95	21.88	21.82	22.5
20	QPSK	1	49	21.79	21.80	21.59	21.92	21.74	
20	QPSK	1	99	21.63	21.87	21.79	21.77	21.53	
20	QPSK	50	0	20.99	20.80	20.79	20.77	20.80	21.5
20	QPSK	50	24	20.93	20.96	20.69	20.81	20.86	
20	QPSK	50	50	20.96	20.85	21.06	21.13	20.97	
20	QPSK	100	0	20.75	20.93	20.87	20.51	20.78	21.5
20	16QAM	1	0	20.86	20.66	20.95	20.93	20.80	
20	16QAM	1	49	20.51	20.59	20.73	20.83	20.75	
20	16QAM	1	99	20.75	20.74	20.64	20.67	20.91	20.5
20	16QAM	50	0	19.91	19.93	19.94	19.60	19.89	
20	16QAM	50	24	19.93	19.89	19.87	19.77	19.94	
20	16QAM	50	50	19.84	19.80	19.90	19.59	19.74	
20	16QAM	100	0	19.96	19.84	19.95	19.66	19.62	
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	21.80	21.73	21.90	21.82	21.56	22.5
15	QPSK	1	37	21.50	21.52	21.60	21.86	21.83	
15	QPSK	1	74	21.49	21.85	21.70	21.76	21.56	
15	QPSK	36	0	21.07	20.83	20.76	20.88	20.50	21.5
15	QPSK	36	20	20.87	20.90	20.78	20.77	20.82	
15	QPSK	36	39	20.83	20.83	20.84	20.85	20.77	
15	QPSK	75	0	20.68	20.91	20.78	20.75	20.62	21.5
15	16QAM	1	0	20.74	20.64	20.94	20.84	20.73	
15	16QAM	1	37	20.89	20.97	20.52	20.84	20.92	
15	16QAM	1	74	20.61	20.88	20.98	20.68	20.61	20.5
15	16QAM	36	0	19.95	19.98	19.95	19.80	19.61	
15	16QAM	36	20	19.99	19.91	19.98	19.91	19.81	
15	16QAM	36	39	19.73	19.94	19.84	19.79	19.70	
15	16QAM	75	0	19.92	19.81	19.85	19.55	19.86	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.66	21.87	21.91	21.80	21.75	22.5
10	QPSK	1	25	21.63	21.74	21.59	21.58	21.63	
10	QPSK	1	49	21.68	21.80	21.66	21.87	21.69	
10	QPSK	25	0	20.91	20.80	20.85	20.60	20.59	21.5
10	QPSK	25	12	20.84	20.79	20.74	20.98	20.50	
10	QPSK	25	25	20.96	20.95	20.68	20.84	20.79	
10	QPSK	50	0	20.54	20.98	20.86	20.71	20.63	21.5
10	16QAM	1	0	20.65	20.68	20.86	20.83	20.84	
10	16QAM	1	25	20.67	20.72	20.57	20.61	20.96	
10	16QAM	1	49	20.71	20.94	20.74	20.52	20.91	20.5
10	16QAM	25	0	19.81	19.90	19.98	19.94	19.65	
10	16QAM	25	12	19.96	19.86	19.88	19.88	19.90	
10	16QAM	25	25	19.98	20.05	19.83	19.69	19.82	
10	16QAM	50	0	19.83	19.70	19.71	19.62	19.82	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	21.72	21.74	21.88	21.72	21.69	22.5
5	QPSK	1	12	21.61	21.67	21.59	21.76	21.86	
5	QPSK	1	24	21.62	21.76	21.59	21.85	21.63	
5	QPSK	12	0	20.86	20.81	20.82	20.77	20.74	21.5
5	QPSK	12	7	20.90	20.84	20.75	20.85	20.60	
5	QPSK	12	13	20.74	21.02	20.93	20.80	20.91	
5	QPSK	25	0	20.56	20.77	20.73	20.71	20.69	21.5
5	16QAM	1	0	20.67	20.66	20.82	20.83	20.78	
5	16QAM	1	12	20.65	20.79	20.70	20.72	20.79	
5	16QAM	1	24	20.60	20.99	20.77	20.69	20.93	20.5
5	16QAM	12	0	19.92	19.88	19.95	19.74	19.56	
5	16QAM	12	7	19.89	19.67	19.89	19.81	19.95	
5	16QAM	12	13	19.59	19.64	19.70	19.72	19.69	
5	16QAM	25	0	19.94	19.79	19.83	19.63	19.60	



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	15.85	16.50	17.00	99.52
		CH 6	2437	16.26	17.00	17.00	
		CH 11	2462	16.34	17.00	17.00	
	802.11g 9Mbps	CH 1	2412	16.83	17.00	17.00	97.22
		CH 6	2437	15.91	16.50	17.00	
		CH 11	2462	16.04	17.00	17.00	
	802.11n-HT20 MCS0	CH 1	2412	15.12	16.00	16.00	97.01
		CH 6	2437	15.40	16.00	16.00	
		CH 11	2462	15.34	16.00	16.00	
	802.11n-HT40 MCS0	CH 3	2422	15.34	16.00	16.00	94.29
		CH 6	2437	15.54	16.00	16.00	
		CH 9	2452	15.81	16.00	16.00	

5GHz WLAN ANT 1

5GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11a 6Mbps	CH 36	5180	14.06	14.50	15.50	97.22
		CH 44	5220	14.01	14.50	15.50	
		CH 48	5240	13.80	14.50	15.50	
	802.11n-HT20 MCS0	CH 36	5180	13.88	14.50	15.50	97.01
		CH 44	5220	13.79	14.50	15.50	
		CH 48	5240	13.65	14.50	15.50	
	802.11n-HT40 MCS0	CH 36	5190	13.73	14.50	15.50	94.29
		CH 48	5230	13.55	14.00	15.50	
		CH 36	5180	13.17	14.00	15.00	
	802.11ac-VHT20 MCS0	CH 44	5220	13.16	14.00	15.00	97.06
		CH 48	5240	13.05	13.50	15.00	
		CH 36	5190	12.99	13.50	15.00	
	802.11ac-VHT40 MCS0	CH 36	5190	12.82	13.50	15.00	94.12
		CH 48	5230	12.62	13.50	15.00	
		CH 42	5210	13.26	14.00	15.00	

5GHz WLAN ANT 1

5.5GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11a 6Mbps	CH 52	5260	13.02	13.50	15.50	97.22
		CH 60	5300	13.21	14.00	15.50	
		CH 64	5320	13.20	14.00	15.50	
	802.11n-HT20 MCS0	CH 52	5260	12.92	13.50	15.50	97.01
		CH 60	5300	13.13	14.00	15.50	
		CH 64	5320	13.17	14.00	15.50	
	802.11n-HT40 MCS0	CH 54	5270	12.81	13.50	15.50	94.29
		CH 62	5310	12.98	13.50	15.50	
		CH 52	5260	12.30	13.00	15.00	
	802.11ac-VHT20 MCS0	CH 60	5300	12.64	13.50	15.00	97.06
		CH 64	5320	12.64	13.50	15.00	
		CH 54	5270	12.20	13.00	15.00	
	802.11ac-VHT40 MCS0	CH 54	5270	12.20	13.00	15.00	94.29
		CH 62	5310	12.41	13.00	15.00	
		CH 58	5290	12.59	13.00	15.00	

5GHz WLAN ANT 1

5.5GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11a 6Mbps	CH 100	5600	12.46	13.00	15.50	97.22
		CH 120	5600	12.04	12.50	15.50	
		CH 144	5720	11.90	12.50	15.50	
	802.11n-HT20 MCS0	CH 100	5600	12.31	13.00	15.50	97.01
		CH 120	5600	11.90	12.50	15.50	
		CH 144	5720	11.82	12.50	15.50	
	802.11n-HT40 MCS0	CH 102	5510	12.11	13.00	15.50	94.29
		CH 126	5630	11.27	12.00	15.50	
		CH 142	5710	11.44	12.00	15.50	
	802.11ac-VHT20 MCS0	CH 100	5500	11.75	12.50	15.00	97.06
		CH 120	5600	11.34	12.00	15.00	
		CH 144	5720	11.18	12.00	15.00	
	802.11ac-VHT40 MCS0	CH 102	5510	11.58	12.00	15.00	94.29
		CH 126	5630	10.81	11.50	15.00	
		CH 142	5710	11.13	12.00	15.00	
	802.11ac-VHT80 MCS0	CH 106	5630	11.69	12.50	15.00	88.89
		CH 122	5610	11.60	12.50	15.00	
		CH 138	5690	11.71	12.50	15.00	

5GHz 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 140	5745	12.39	13.00	15.50	97.22
		CH 157	5785	13.14	14.00	15.50	
		CH 165	5825	13.59	14.50	15.50	
	802.11n-HT20 MCS0	CH 140	5745	12.27	13.00	15.50	97.01
		CH 157	5785	13.04	13.50	15.50	
		CH 165	5825	13.93	14.50	15.50	
	802.11n-HT40 MCS0	CH 151	5755	12.16	13.00	15.50	94.12
		CH 159	5795	12.89	13.50	15.50	
		CH 149	5745	11.65	12.50	15.00	
	802.11ac-VHT20 MCS0	CH 157	5785	12.48	13.00	15.00	97.06
		CH 165	5825	13.36	14.00	15.00	
		CH 151	5755	11.85	12.50	15.00	
	802.11ac-VHT40 MCS0	CH 159	5795	12.55	13.00	15.00	94.29
		CH 155	5775	12.63	13.50	15.00	
		CH 155	5775	12.63	13.50	15.00	

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BRI / EDR	CH 55	2402	5.11	2.03	1.82
	CH 56	2441	5.15	2.36	2.69
	CH 78	2480	5.59	2.83	2.75
Tune-up Limit			6	3.5	3.5
Duty Cycle %			77.13	76.6	77.01

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
LE	CH 55	2402	-4.41	-7.24	
	CH 56	2440	-3.75	-5.53	
	CH 58	2480	-3.70	-5.59	
Tune-up Limit			-3	-6	
Duty Cycle %			61.6	32	