



REPORT No.: SZ22090379S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacture document.

Conducted Power

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	20.79	20.85	20.77	21.50	21.03	21.11	21.06	22.00	23.02	23.11	23.04	24.00
3GPP Rel 6	HSDPA Subtest-1	18.63	18.33	18.55	19.50	19.65	19.83	19.97	20.50	21.51	21.29	21.49	22.50
3GPP Rel 6	HSDPA Subtest-2	18.71	18.36	18.54	19.50	19.69	19.87	20.00	20.50	21.62	21.35	21.54	22.50
3GPP Rel 6	HSDPA Subtest-3	18.19	17.88	18.05	19.00	19.23	19.40	19.53	20.00	21.18	20.94	21.08	22.00
3GPP Rel 6	HSDPA Subtest-4	18.20	17.89	18.06	19.00	19.23	19.42	19.55	20.00	21.21	20.98	21.10	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	18.44	18.37	18.21	19.00	19.56	19.79	19.89	20.50	21.03	21.20	21.15	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.64	18.39	18.19	19.00	19.57	19.88	20.37	20.50	21.14	21.20	21.15	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.14	18.10	17.73	18.50	19.06	19.45	19.70	20.00	20.62	20.60	20.64	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.96	17.93	17.74	18.50	19.07	19.45	19.60	20.00	20.71	20.60	20.55	21.50
3GPP Rel 6	HSUPA Subtest-1	19.35	18.12	18.04	20.00	19.24	19.47	20.25	21.00	18.79	20.95	20.12	21.50
3GPP Rel 6	HSUPA Subtest-2	18.82	17.59	17.55	19.50	18.70	18.95	19.72	20.50	18.29	20.45	19.62	21.00
3GPP Rel 6	HSUPA Subtest-3	19.33	18.11	18.01	20.00	19.24	19.50	20.26	21.00	18.92	21.00	20.17	21.50
3GPP Rel 6	HSUPA Subtest-4	19.25	18.05	18.02	20.00	19.11	19.40	20.19	21.00	18.81	20.92	20.08	21.50
3GPP Rel 6	HSUPA Subtest-5	19.25	18.03	18.03	20.00	19.12	19.44	20.21	21.00	18.91	20.99	20.12	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.05	18.22	18.15	20.00	19.14	19.28	20.05	21.00	18.38	20.48	20.98	21.50
Attenuator		Cable Loss			0.8	Cable Loss			0.8	Cable Loss			0.6
Mode		Max.			20.85	Max.			21.11	Max.			23.11

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	22.06	22.61	22.53	
20	QPSK	1	49	22.56	22.56	22.48	23.5
20	QPSK	1	99	22.57	22.53	22.50	
20	QPSK	50	0	21.57	21.61	21.58	
20	QPSK	50	24	21.62	21.57	21.54	22.5
20	QPSK	50	50	21.59	21.56	21.51	
20	QPSK	100	0	21.52	21.58	21.49	
20	16QAM	1	0	21.65	21.72	21.55	22.5
20	16QAM	1	49	21.53	21.61	21.59	
20	16QAM	1	99	21.60	21.66	21.52	
20	16QAM	50	0	20.68	20.77	20.65	21.5
20	16QAM	50	24	20.53	20.65	20.59	
20	16QAM	50	50	20.70	20.68	20.62	
20	16QAM	100	0	20.63	20.71	20.63	22.5
20	64QAM	1	0	21.55	21.70	21.63	
20	64QAM	1	49	21.62	21.64	21.59	
20	64QAM	1	99	21.63	21.59	21.55	21.5
20	64QAM	50	0	20.66	20.63	20.68	
20	64QAM	50	24	20.53	20.58	20.53	
20	64QAM	50	50	20.48	20.53	20.50	
20	64QAM	100	0	20.56	20.64	20.53	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.60	22.49	22.65	
15	QPSK	1	37	22.56	22.53	22.65	23.5
15	QPSK	1	74	22.43	22.61	22.30	
15	QPSK	36	0	21.63	21.62	21.62	
15	QPSK	36	20	21.65	21.37	21.45	22.5
15	QPSK	36	39	21.47	21.75	21.60	
15	QPSK	75	0	21.42	21.63	21.35	
15	16QAM	1	0	21.84	21.66	21.69	22.5
15	16QAM	1	37	21.54	21.48	21.43	
15	16QAM	1	74	21.56	21.69	21.37	
15	16QAM	36	0	20.86	20.87	20.49	21.5
15	16QAM	36	20	20.62	20.63	20.47	
15	16QAM	36	39	20.77	20.50	20.78	
15	16QAM	75	0	20.65	20.75	20.60	22.5
15	64QAM	1	0	21.67	21.73	21.65	
15	64QAM	1	37	21.68	21.81	21.65	
15	64QAM	1	74	21.64	21.76	21.66	21.5
15	64QAM	36	0	20.75	20.58	20.50	
15	64QAM	36	20	20.66	20.63	20.36	
15	64QAM	36	39	20.43	20.64	20.48	
15	64QAM	75	0	20.65	20.66	20.52	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.56	22.58	22.63	
10	QPSK	1	25	22.60	22.57	22.41	23.5
10	QPSK	1	49	22.48	22.40	22.43	
10	QPSK	25	0	21.59	21.41	21.69	
10	QPSK	25	12	21.43	21.45	21.39	22.5
10	QPSK	25	25	21.70	21.43	21.68	
10	QPSK	50	0	21.51	21.59	21.34	
10	16QAM	1	0	21.62	21.56	21.52	22.5
10	16QAM	1	25	21.44	21.79	21.63	
10	16QAM	1	49	21.64	21.65	21.35	
10	16QAM	25	0	20.62	20.69	20.84	21.5
10	16QAM	25	12	20.58	20.50	20.52	
10	16QAM	25	25	20.85	20.51	20.48	
10	16QAM	50	0	20.54	20.55	20.80	22.5
10	64QAM	1	0	21.63	21.79	21.56	
10	64QAM	1	25	21.44	21.69	21.48	
10	64QAM	1	49	21.44	21.48	21.37	21.5
10	64QAM	25	0	20.82	20.44	20.52	
10	64QAM	25	12	20.44	20.45	20.45	
10	64QAM	25	25	20.38	20.38	20.54	
10	64QAM	50	0	20.41	20.75	20.42	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.62	22.56	22.59	
5	QPSK	1	12	22.55	22.54	22.48	23.5
5	QPSK	1	24	22.42	22.46	22.31	
5	QPSK	12	0	21.47	21.60	21.73	
5	QPSK	12	7	21.54	21.62	21.51	22.5
5	QPSK	12	13	21.62	21.36	21.40	
5	QPSK	25	0	21.48	21.55	21.29	
5	16QAM	1	0	21.46	21.76	21.54	22.5
5	16QAM	1	12	21.57	21.58	21.49	
5	16QAM	1	24	21.67	21.75	21.37	
5	16QAM	12	0	20.62	20.80	20.50	21.5
5	16QAM	12	7	20.46	20.73	20.43	
5	16QAM	12	13	20.51	20.71	20.51	
5	16QAM	25	0	20.73	20.59	20.58	22.5
5	64QAM	1	0	21.65	21.74	21.44	
5	64QAM	1	12	21.51	21.65	21.68	
5	64QAM	1	24	21.72	21.51	21.59	21.5
5	64QAM	12	0	20.56	20.81	20.54	
5	64QAM	12	7	20.53	20.50	20.62	
5	64QAM	12	13	20.67	20.40	20.44	
5	64QAM	25	0	20.73	20.46	20.55	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.60	22.58	22.49	
3	QPSK	1	8	22.45	22.60	22.39	23.5
3	QPSK	1	14	22.53	22.55	22.58	
3	QPSK	8	0	21.62	21.60	21.73	
3	QPSK	8	4	21.74	21.40	21.43	22.5
3	QPSK	8	7	21.68	21.64	21.54	

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	21.45	21.59	21.57	
20	QPSK	1	49	21.50	21.54	21.40	22.5
20	QPSK	1	99	21.56	21.40	21.30	
20	QPSK	50	0	20.54	20.73	20.67	
20	QPSK	50	24	20.44	20.75	20.42	21.5
20	QPSK	50	50	20.50	20.51	20.53	
20	QPSK	100	0	20.56	20.60	20.42	
20	16QAM	1	0	20.61	20.62	20.52	21.5
20	16QAM	1	49	20.33	20.61	20.52	
20	16QAM	1	99	20.78	20.47	20.50	
20	16QAM	50	0	19.81	19.83	19.68	20.5
20	16QAM	50	24	19.61	19.50	19.39	
20	16QAM	50	50	19.55	19.59	19.62	
20	16QAM	100	0	19.56	19.60	19.72	21.5
20	64QAM	1	0	20.56	20.56	20.50	
20	64QAM	1	49	20.62	20.56	20.47	
20	64QAM	1	99	20.73	20.50	20.57	20.5
20	64QAM	50	0	19.62	19.50	19.55	
20	64QAM	50	24	19.51	19.53	19.54	
20	64QAM	50	50	19.65	19.52	19.50	
20	64QAM	100	0	19.73	19.78	19.38	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.52	21.56	21.53	
15	QPSK	1	37	21.39	21.38	21.29	22.5
15	QPSK	1	74	21.39	21.52	21.53	
15	QPSK	36	0	20.52	20.69	20.50	
15	QPSK	36	20	20.52	20.49	20.43	21.5
15	QPSK	36	39	20.55	20.54	20.62	
15	QPSK	75	0	20.63	20.76	20.40	
15	16QAM	1	0	20.68	20.88	20.70	21.5
15	16QAM	1	37	20.47	20.52	20.79	
15	16QAM	1	74	20.40	20.66	20.46	
15	16QAM	36	0	19.57	19.63	19.80	20.5
15	16QAM	36	20	19.54	19.66	19.43	
15	16QAM	36	39	19.57	19.62	19.76	
15	16QAM	75	0	19.54	19.61	19.75	21.5
15	64QAM	1	0	20.52	20.54	20.81	
15	64QAM	1	37	20.68	20.50	20.43	
15	64QAM	1	74	20.73	20.67	20.45	20.5
15	64QAM	36	0	19.60	19.59	19.88	
15	64QAM	36	20	19.45	19.43	19.41	
15	64QAM	36	39	19.43	19.71	19.59	
15	64QAM	75	0	19.56	19.64	19.45	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.53	21.56	21.52	
10	QPSK	1	25	21.49	21.44	21.50	22.5
10	QPSK	1	49	21.52	21.48	21.36	
10	QPSK	25	0	20.37	20.56	20.67	
10	QPSK	25	12	20.71	20.72	20.39	21.5
10	QPSK	25	25	20.67	20.70	20.33	
10	QPSK	50	0	20.34	20.62	20.34	
10	16QAM	1	0	20.81	20.89	20.46	21.5
10	16QAM	1	25	20.64	20.57	20.40	
10	16QAM	1	49	20.53	20.54	20.64	
10	16QAM	25	0	19.56	19.79	19.47	20.5
10	16QAM	25	12	19.57	19.55	19.40	
10	16QAM	25	25	19.59	19.50	19.74	
10	16QAM	50	0	19.67	19.75	19.49	21.5
10	64QAM	1	0	20.35	20.75	20.50	
10	64QAM	1	25	20.53	20.45	20.49	
10	64QAM	1	49	20.47	20.46	20.60	20.5
10	64QAM	25	0	19.50	19.80	19.78	
10	64QAM	25	12	19.61	19.77	19.40	
10	64QAM	25	25	19.45	19.52	19.35	
10	64QAM	50	0	19.61	19.65	19.35	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.47	21.55	21.49	
5	QPSK	1	12	21.54	21.53	21.48	22.5
5	QPSK	1	24	21.50	21.44	21.51	
5	QPSK	12	0	20.37	20.68	20.47	
5	QPSK	12	7	20.55	20.50	20.71	21.5
5	QPSK	12	13	20.71	20.69	20.33	
5	QPSK	25	0	20.35	20.72	20.37	
5	16QAM	1	0	20.80	20.72	20.41	21.5
5	16QAM	1	12	20.53	20.59	20.69	
5	16QAM	1	24	20.72	20.73	20.34	
5	16QAM	12	0	19.66	19.77	19.79	20.5
5	16QAM	12	7	19.70	19.71	19.44	
5	16QAM	12	13	19.81	19.83	19.66	
5	16QAM	25	0	19.48	19.70	19.83	21.5
5	64QAM	1	0	20.66	20.51	20.43	
5	64QAM	1	12	20.55	20.61	20.68	
5	64QAM	1	24	20.62	20.55	20.66	20.5
5	64QAM	12	0	19.80	19.59	19.85	
5	64QAM	12	7	19.48	19.53	19.50	
5	64QAM	12	13	19.61	19.35	19.54	
5	64QAM	25	0	19.74	19.76	19.53	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.43	21.54	21.47	
3	QPSK	1	8	21.52	21.46	21.41	22.5
3	QPSK	1	14	21.47	21.50	21.53	
3	QPSK	8	0	20.55	20.42	20.43	
3	QPSK	8	4	20.67	20.53	20.61	21.5
3	QPSK	8	7	20.60	20.71	20.55	

3	QPSK	15	0	21.56	21.65	21.41	22.5
3	16QAM	1	0	21.63	21.62	21.43	
3	16QAM	1	8	21.36	21.63	21.42	
3	16QAM	1	14	21.67	21.82	21.35	21.5
3	16QAM	8	0	20.55	20.63	20.51	
3	16QAM	8	4	20.60	20.83	20.78	
3	16QAM	8	7	20.78	20.69	20.43	22.5
3	16QAM	15	0	20.83	20.57	20.78	
3	64QAM	1	0	21.71	21.80	21.77	
3	64QAM	1	8	21.68	21.67	21.52	21.5
3	64QAM	1	14	21.72	21.58	21.42	
3	64QAM	8	0	20.48	20.67	20.63	
3	64QAM	8	4	20.65	20.64	20.51	21.5
3	64QAM	8	7	20.51	20.73	20.44	
3	64QAM	15	0	20.68	20.54	20.67	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.60	22.57	22.57	23.5
1.4	QPSK	1	3	22.42	22.59	22.54	
1.4	QPSK	1	5	22.50	22.55	22.65	
1.4	QPSK	3	0	21.58	21.67	21.63	22.5
1.4	QPSK	3	1	21.77	21.55	21.74	
1.4	QPSK	3	3	21.62	21.72	21.51	
1.4	QPSK	6	0	21.51	21.63	21.41	22.5
1.4	16QAM	1	0	21.55	21.91	21.57	22.5
1.4	16QAM	1	3	21.65	21.73	21.51	
1.4	16QAM	1	5	21.77	21.63	21.69	
1.4	16QAM	3	0	20.63	20.76	20.83	21.5
1.4	16QAM	3	1	20.55	20.67	20.64	
1.4	16QAM	3	3	20.67	20.59	20.64	
1.4	16QAM	6	0	20.75	20.86	20.56	21.5
1.4	64QAM	1	0	21.56	21.69	21.80	22.5
1.4	64QAM	1	3	21.65	21.58	21.46	
1.4	64QAM	1	5	21.50	21.39	21.57	
1.4	64QAM	3	0	20.54	20.56	20.63	21.5
1.4	64QAM	3	1	20.61	20.51	20.59	
1.4	64QAM	3	3	20.50	20.65	20.58	
1.4	64QAM	6	0	20.66	20.51	20.51	21.5

3	QPSK	15	0	20.53	20.64	20.64	21.5
3	16QAM	1	0	20.48	20.72	20.36	
3	16QAM	1	8	20.36	20.78	20.68	
3	16QAM	1	14	20.72	20.67	20.34	20.5
3	16QAM	8	0	19.87	19.84	19.66	
3	16QAM	8	4	19.49	19.72	19.54	
3	16QAM	8	7	19.50	19.72	19.67	21.5
3	16QAM	15	0	19.69	19.88	19.67	
3	64QAM	1	0	20.36	20.72	20.81	
3	64QAM	1	8	20.80	20.62	20.44	20.5
3	64QAM	1	14	20.45	20.76	20.57	
3	64QAM	8	0	19.47	19.69	19.86	
3	64QAM	8	4	19.69	19.46	19.68	22.5
3	64QAM	8	7	19.53	19.62	19.50	
3	64QAM	15	0	19.48	19.59	19.69	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.53	21.54	21.51	22.5
1.4	QPSK	1	3	21.44	21.41	21.45	
1.4	QPSK	1	5	21.49	21.41	21.48	
1.4	QPSK	3	0	20.57	20.54	20.61	21.5
1.4	QPSK	3	1	20.80	20.77	20.57	
1.4	QPSK	3	3	20.61	20.58	20.63	
1.4	QPSK	6	0	20.32	20.78	20.48	20.5
1.4	16QAM	1	0	20.60	20.55	20.40	
1.4	16QAM	1	3	20.55	20.54	20.68	
1.4	16QAM	1	5	20.69	20.83	20.63	21.5
1.4	16QAM	3	0	19.87	19.95	19.73	
1.4	16QAM	3	1	19.64	19.72	19.72	
1.4	16QAM	3	3	19.64	19.50	19.78	20.5
1.4	16QAM	6	0	19.82	19.83	19.78	
1.4	64QAM	1	0	20.69	20.50	20.46	
1.4	64QAM	1	3	20.72	20.72	20.54	21.5
1.4	64QAM	1	5	20.80	20.79	20.63	
1.4	64QAM	3	0	19.81	19.78	19.69	
1.4	64QAM	3	1	19.59	19.61	19.64	20.5
1.4	64QAM	3	3	19.58	19.67	19.65	
1.4	64QAM	6	0	19.59	19.65	19.35	

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	24
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.20	23.33	23.13	24
10	QPSK	1	25	23.21	23.11	23.16	
10	QPSK	1	49	23.11	23.05	23.11	
10	QPSK	25	0	22.32	22.04	22.35	23
10	QPSK	25	12	22.04	22.19	22.17	
10	QPSK	25	25	22.15	22.15	22.04	
10	QPSK	50	0	22.05	21.99	22.04	23
10	16QAM	1	0	22.18	22.24	22.25	
10	16QAM	1	25	22.19	22.20	22.37	
10	16QAM	1	49	22.03	22.26	22.19	22
10	16QAM	25	0	21.36	21.26	21.42	
10	16QAM	25	12	21.32	21.06	20.99	
10	16QAM	25	25	21.29	21.28	21.40	23
10	16QAM	50	0	21.30	21.21	21.09	
10	64QAM	1	0	22.07	22.50	22.14	
10	64QAM	1	25	22.08	22.17	22.09	22
10	64QAM	1	49	22.43	22.02	22.24	
10	64QAM	25	0	21.16	21.35	21.42	
10	64QAM	25	12	21.03	21.31	21.03	22
10	64QAM	25	25	21.28	21.07	21.17	
10	64QAM	50	0	21.11	21.40	21.19	
Channel				20425	20525	20625	24
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.25	23.26	23.16	23
5	QPSK	1	12	23.16	23.14	23.19	
5	QPSK	1	24	23.12	23.17	23.16	
5	QPSK	12	0	22.32	22.06	22.15	23
5	QPSK	12	7	22.14	21.99	22.15	
5	QPSK	12	13	22.08	22.28	22.03	
5	QPSK	25	0	22.19	22.31	22.00	23
5	16QAM	1	0	22.39	22.13	21.97	
5	16QAM	1	12	22.18	22.16	22.06	
5	16QAM	1	24	22.24	22.34	22.30	22
5	16QAM	12	0	21.16	21.26	21.18	
5	16QAM	12	7	20.95	21.42	21.26	
5	16QAM	12	13	21.16	21.30	21.08	23
5	16QAM	25	0	21.28	21.22	21.03	
5	64QAM	1	0	21.96	22.19	22.24	
5	64QAM	1	12	22.07	22.30	22.03	22
5	64QAM	1	24	22.38	22.14	21.99	
5	64QAM	12	0	21.14	21.09	21.13	
5	64QAM	12	7	21.11	21.23	21.27	22
5	64QAM	12	13	20.99	21.09	21.07	
5	64QAM	25	0	20.97	21.39	21.01	
Channel				20415	20525	20635	24
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.07	23.29	23.24	23
3	QPSK	1	8	23.27	23.25	23.25	
3	QPSK	1	14	23.16	23.22	23.02	
3	QPSK	8	0	22.28	22.22	21.99	23
3	QPSK	8	4	22.19	22.20	22.14	
3	QPSK	8	7	22.34	21.96	22.06	
3	QPSK	15	0	22.11	22.00	22.25	23
3	16QAM	1	0	22.45	22.37	22.23	
3	16QAM	1	8	22.15	22.07	22.25	
3	16QAM	1	14	22.08	22.09	22.16	22
3	16QAM	8	0	21.29	21.38	21.41	
3	16QAM	8	4	21.04	21.33	21.04	
3	16QAM	8	7	21.47	21.45	21.07	23
3	16QAM	15	0	21.08	21.47	21.34	
3	64QAM	1	0	22.29	22.35	22.19	
3	64QAM	1	8	22.11	22.22	22.28	22
3	64QAM	1	14	22.36	22.23	22.33	
3	64QAM	8	0	21.36	21.34	21.41	
3	64QAM	8	4	20.99	21.09	21.18	22
3	64QAM	8	7	20.92	21.28	21.16	
3	64QAM	15	0	21.36	21.28	21.24	
Channel				20407	20525	20643	24
Frequency (MHz)				824.7	830.5	848.3	
1.4	QPSK	1	0	23.26	23.24	23.28	24
1.4	QPSK	1	3	23.02	23.13	23.20	
1.4	QPSK	1	5	23.08	23.09	23.25	
1.4	QPSK	3	0	22.35	22.11	22.28	23
1.4	QPSK	3	1	22.05	22.26	22.04	
1.4	QPSK	3	3	22.38	22.25	22.09	
1.4	QPSK	6	0	22.24	22.28	22.11	23
1.4	16QAM	1	0	22.38	22.22	22.35	
1.4	16QAM	1	3	22.00	22.10	22.02	
1.4	16QAM	1	5	22.33	22.28	22.33	22
1.4	16QAM	3	0	21.36	21.48	21.16	
1.4	16QAM	3	1	21.32	21.07	21.11	
1.4	16QAM	3	3	21.39	21.38	21.32	23
1.4	16QAM	6	0	21.27	21.36	21.43	
1.4	64QAM	1	0	22.12	22.23	22.14	
1.4	64QAM	1	3	22.31	22.16	22.24	22
1.4	64QAM	1	5	22.05	22.06	22.33	
1.4	64QAM	3	0	21.25	21.32	21.40	
1.4	64QAM	3	1	21.07	21.30	21.33	22
1.4	64QAM	3	3	21.09	21.08	21.05	
1.4	64QAM	6	0	21.34	21.40	21.19	

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	23.5
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.65	22.78	22.68	22.5
20	QPSK	1	49	22.36	22.37	22.58	
20	QPSK	1	99	22.37	22.35	22.44	
20	QPSK	50	0	21.66	21.69	21.61	22.5
20	QPSK	50	24	21.59	21.65	21.34	
20	QPSK	50	50	21.71	21.57	21.67	
20	QPSK	100	0	21.64	21.41	21.37	22.5
20	16QAM	1	0	21.71	21.82	21.62	
20	16QAM	1	49	21.46	21.77	21.64	
20	16QAM	1	99	21.41	21.81	21.63	21.5
20	16QAM	50	0	20.57	20.60	20.58	
20	16QAM	50	24	20.70	20.59	20.42	
20	16QAM	50	50	20.62	20.55	20.43	22.5
20	16QAM	100	0	20.44	20.90	20.58	
20	64QAM	1	0	21.66	21.57	21.49	
20	64QAM	1	49	21.50	21.52	21.73	21.5
20	64QAM	1	99	21.56	21.48	21.55	
20	64QAM	50	0	20.79	20.45	20.74	
20	64QAM	50	24	20.33	20.75	20.52	22.5
20	64QAM	50	50	20.55	20.72	20.61	
20	64QAM	100	0	20.75	20.58	20.70	
Channel				20825	21100	21375	23.5
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.66	22.69	22.72	22.5
15	QPSK	1	37	22.51	22.63	22.67	
15	QPSK	1	74	22.59	22.54	22.40	
15	QPSK	36	0	21.77	21.58	21.47	22.5
15	QPSK	36	20	21.78	21.43	21.51	
15	QPSK	36	39	21.65	21.73	21.39	
15	QPSK	75	0	21.71	21.39	21.65	22.5
15	16QAM	1	0	21.81	21.57	21.54	
15	16QAM	1	37	21.48	21.70	21.40	
15	16QAM	1	74	21.54	21.51	21.71	21.5
15	16QAM	36	0	20.73	20.66	20.55	
15	16QAM	36	20	20.45	20.84	20.74	
15	16QAM	36	39	20.50	20.51	20.43	22.5
15	16QAM	75	0	20.72	20.73	20.63	
15	64QAM	1	0	21.51	21.66	21.71	
15	64QAM	1	37	21.70	21.59	21.48	21.5
15	64QAM	1	74	21.78	21.54	21.73	
15	64QAM	36	0	20.49	20.74	20.67	
15	64QAM	36	20	20.59	20.57	20.43	22.5
15	64QAM	36	39	20.34	20.57	20.55	
15	64QAM	75	0	20.62	20.74	20.54	
Channel				20800	21100	21400	23.5
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.74	22.62	22.59	22.5
10	QPSK	1	25	22.72	22.60	22.38	
10	QPSK	1	49	22.50	22.38	22.49	
10	QPSK	25	0	21.73	21.52	21.47	22.5
10	QPSK	25	12	21.52	21.59	21.54	
10	QPSK	25	25	21.77	21.52	21.59	
10	QPSK	50	0	21.59	21.55	21.64	22.5
10	16QAM	1	0	21.68	21.59	21.65	
10	16QAM	1	25	21.41	21.78	21.64	
10	16QAM	1	49	21.69	21.46	21.35	21.5
10	16QAM	25	0	20.59	20.89	20.58	
10	16QAM	25	12	20.51	20.65	20.48	
10	16QAM	25	25	20.89	20.50	20.72	22.5
10	16QAM	50	0	20.52	20.86	20.71	
10	64QAM	1	0	21.68	21.56	21.52	
10	64QAM	1	25	21.51	21.55	21.65	2

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	24.5
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.56	23.74	23.65	24.5
10	QPSK	1	25	23.58	23.47	23.58	
10	QPSK	1	49	23.65	23.63	23.41	
10	QPSK	25	0	22.35	22.63	22.61	
10	QPSK	25	12	22.52	22.53	22.45	23.5
10	QPSK	25	25	22.68	22.60	22.44	
10	QPSK	50	0	22.46	22.66	22.24	
10	16QAM	1	0	22.75	22.65	22.43	
10	16QAM	1	25	22.38	22.68	22.43	23.5
10	16QAM	1	49	22.64	22.76	22.47	
10	16QAM	25	0	21.72	21.71	21.69	
10	16QAM	25	12	21.57	21.67	21.47	
10	16QAM	25	25	21.43	21.41	21.58	22.5
10	16QAM	50	0	21.56	21.54	21.33	
10	64QAM	1	0	22.31	22.72	22.64	
10	64QAM	1	25	22.47	22.35	22.57	
10	64QAM	1	49	22.55	22.69	22.51	23.5
10	64QAM	25	0	21.50	21.59	21.57	
10	64QAM	25	12	21.36	21.28	21.42	
10	64QAM	25	25	21.57	21.40	21.24	
10	64QAM	50	0	21.34	21.64	21.39	22.5
Channel				23035	23095	23155	
Frequency (MHz)				701.5	707.5	713.5	24.5
5	QPSK	1	0	23.56	23.71	23.43	
5	QPSK	1	12	23.29	23.36	23.53	24.5
5	QPSK	1	24	23.56	23.32	23.57	
5	QPSK	12	0	22.67	22.62	22.60	
5	QPSK	12	7	22.54	22.51	22.56	
5	QPSK	12	13	22.66	22.28	22.25	23.5
5	QPSK	25	0	22.60	22.57	22.20	
5	16QAM	1	0	22.67	22.67	22.33	
5	16QAM	1	12	22.26	22.54	22.46	
5	16QAM	1	24	22.34	22.70	22.31	23.5
5	16QAM	12	0	21.67	21.48	21.55	
5	16QAM	12	7	21.56	21.35	21.69	
5	16QAM	12	13	21.70	21.65	21.58	
5	16QAM	25	0	21.39	21.65	21.64	22.5
5	64QAM	1	0	22.47	22.52	22.64	
5	64QAM	1	12	22.43	22.72	22.54	
5	64QAM	1	24	22.51	22.53	22.47	
5	64QAM	12	0	21.61	21.52	21.50	23.5
5	64QAM	12	7	21.41	21.49	21.39	
5	64QAM	12	13	21.44	21.57	21.32	
5	64QAM	25	0	21.32	21.57	21.59	
Channel				23025	23095	23165	24.5
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.67	23.63	23.52	24.5
3	QPSK	1	8	23.42	23.41	23.53	
3	QPSK	1	14	23.56	23.39	23.44	
3	QPSK	8	0	22.32	22.47	22.38	
3	QPSK	8	4	22.58	22.55	22.61	23.5
3	QPSK	8	7	22.51	22.34	22.25	
3	QPSK	15	0	22.48	22.58	22.37	
3	16QAM	1	0	22.44	22.67	22.33	
3	16QAM	1	8	22.42	22.44	22.56	23.5
3	16QAM	1	14	22.55	22.69	22.51	
3	16QAM	8	0	21.71	21.51	21.68	
3	16QAM	8	4	21.42	21.72	21.50	
3	16QAM	8	7	21.49	21.42	21.43	22.5
3	16QAM	15	0	21.44	21.51	21.61	
3	64QAM	1	0	22.54	22.52	22.45	
3	64QAM	1	8	22.60	22.50	22.40	
3	64QAM	1	14	22.57	22.49	22.57	23.5
3	64QAM	8	0	21.66	21.52	21.38	
3	64QAM	8	4	21.32	21.66	21.43	
3	64QAM	8	7	21.48	21.32	21.22	
3	64QAM	15	0	21.52	21.38	21.23	22.5
Channel				23017	23095	23173	
Frequency (MHz)				699.7	707.5	715.3	24.5
1.4	QPSK	1	0	23.56	23.64	23.62	
1.4	QPSK	1	3	23.46	23.36	23.33	24.5
1.4	QPSK	1	5	23.47	23.57	23.30	
1.4	QPSK	3	0	22.55	22.71	22.57	
1.4	QPSK	3	1	22.68	22.53	22.58	
1.4	QPSK	3	3	22.50	22.61	22.55	23.5
1.4	QPSK	6	0	22.30	22.54	22.55	
1.4	16QAM	1	0	22.38	22.52	22.61	
1.4	16QAM	1	3	22.27	22.42	22.45	
1.4	16QAM	1	5	22.51	22.66	22.32	23.5
1.4	16QAM	3	0	21.65	21.80	21.58	
1.4	16QAM	3	1	21.59	21.58	21.58	
1.4	16QAM	3	3	21.58	21.56	21.59	
1.4	16QAM	6	0	21.73	21.56	21.63	22.5
1.4	64QAM	1	0	22.39	22.49	22.63	
1.4	64QAM	1	3	22.34	22.50	22.64	
1.4	64QAM	1	5	22.54	22.39	22.27	
1.4	64QAM	3	0	21.37	21.43	21.68	23.5
1.4	64QAM	3	1	21.41	21.32	21.45	
1.4	64QAM	3	3	21.18	21.29	21.42	
1.4	64QAM	6	0	21.48	21.58	21.36	

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	23.58			24.5
10	QPSK	1	25	23.55			
10	QPSK	1	49	23.51			
10	QPSK	25	0	22.59			
10	QPSK	25	12	22.62			23.5
10	QPSK	25	25	22.65			
10	QPSK	50	0	22.57			
10	16QAM	1	0	22.62			
10	16QAM	1	25	22.65			23.5
10	16QAM	1	49	22.58			
10	16QAM	25	0	21.60			
10	16QAM	25	12	21.55			22.5
10	16QAM	25	25	21.57			
10	16QAM	50	0	21.62			
10	64QAM	1	0	22.69			
10	64QAM	1	25	22.62			23.5
10	64QAM	1	49	22.58			
10	64QAM	25	0	21.72			
10	64QAM	25	12	21.59			22.5
10	64QAM	25	25	21.63			
10	64QAM	50	0	21.60			
Channel				23205	23230	23255	
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	23.54	23.55	23.48	24.5
5	QPSK	1	12	23.28	23.52	23.48	
5	QPSK	1	24	23.36	23.47	23.26	
5	QPSK	12	0	22.42	22.60	22.38	
5	QPSK	12	7	22.60	22.39	22.44	23.5
5	QPSK	12	13	22.32	22.46	22.31	
5	QPSK	25	0	22.22	22.55	22.16	
5	16QAM	1	0	22.48	22.33	22.52	
5	16QAM	1	12	22.17	22.26	22.31	23.5
5	16QAM	1	24	22.51	22.47	22.14	
5	16QAM	12	0	21.34	21.75	21.43	
5	16QAM	12	7	21.33	21.53	21.56	
5	16QAM	12	13	21.41	21.30	21.49	22.5
5	16QAM	25	0	21.53	21.48	21.53	
5	64QAM	1	0	22.22	22.45	22.23	
5	64QAM	1	12	22.33	22.46	22.35	
5	64QAM	1	24	22.40	22.19	22.23	23.5
5	64QAM	12	0	21.31	21.53	21.59	
5	64QAM	12	7	21.27	21.58	21.35	
5	64QAM	12	13	21.26	21.24	21.26	
5	64QAM	25	0	21.48	21.49	21.38	22.5
Channel				23205			

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	23.5
Frequency (MHz)				1860	1882.5	1905	
20	QPSK	1	0	22.71	22.85	22.56	22.5
20	QPSK	1	49	22.63	22.50	22.54	
20	QPSK	1	99	22.57	22.53	22.68	
20	QPSK	50	0	21.57	21.43	21.51	22.5
20	QPSK	50	24	21.59	21.48	21.41	
20	QPSK	50	50	21.71	21.38	21.57	
20	QPSK	100	0	21.59	21.48	21.62	22.5
20	16QAM	1	0	21.85	21.90	21.57	
20	16QAM	1	49	21.44	21.47	21.53	
20	16QAM	1	99	21.77	21.55	21.41	21.5
20	16QAM	50	0	20.62	20.57	20.78	
20	16QAM	50	24	20.35	20.79	20.48	
20	16QAM	50	50	20.50	20.85	20.56	22.5
20	16QAM	100	0	20.47	20.65	20.45	
20	64QAM	1	0	21.52	21.51	21.67	
20	64QAM	1	49	21.50	21.67	21.78	21.5
20	64QAM	1	99	21.69	21.45	21.63	
20	64QAM	50	0	20.61	20.73	20.74	
20	64QAM	50	24	20.38	20.52	20.41	22.5
20	64QAM	50	50	20.63	20.62	20.46	
20	64QAM	100	0	20.64	20.62	20.42	
Channel				26115	26365	26615	23.5
Frequency (MHz)				1857.5	1882.5	1907.5	
15	QPSK	1	0	22.54	22.82	22.61	22.5
15	QPSK	1	37	22.49	22.53	22.52	
15	QPSK	1	74	22.60	22.47	22.51	
15	QPSK	36	0	21.51	21.53	21.70	22.5
15	QPSK	36	20	21.54	21.73	21.55	
15	QPSK	36	39	21.53	21.58	21.31	
15	QPSK	75	0	21.66	21.39	21.32	22.5
15	16QAM	1	0	21.77	21.56	21.69	
15	16QAM	1	37	21.61	21.67	21.54	
15	16QAM	1	74	21.56	21.61	21.33	21.5
15	16QAM	36	0	20.58	20.91	20.59	
15	16QAM	36	20	20.65	20.66	20.74	
15	16QAM	36	39	20.84	20.57	20.82	22.5
15	16QAM	75	0	20.64	20.71	20.62	
15	64QAM	1	0	21.38	21.67	21.60	
15	64QAM	1	37	21.74	21.61	21.65	21.5
15	64QAM	1	74	21.48	21.75	21.73	
15	64QAM	36	0	20.57	20.45	20.48	
15	64QAM	36	20	20.48	20.51	20.56	22.5
15	64QAM	36	39	20.64	20.61	20.69	
15	64QAM	75	0	20.42	20.53	20.51	
Channel				26090	26365	26640	23.5
Frequency (MHz)				1855	1882.5	1910	
10	QPSK	1	0	22.66	22.78	22.82	22.5
10	QPSK	1	25	22.49	22.68	22.55	
10	QPSK	1	49	22.60	22.68	22.52	
10	QPSK	25	0	21.72	21.48	21.60	22.5
10	QPSK	25	12	21.70	21.57	21.72	
10	QPSK	25	25	21.54	21.41	21.32	
10	QPSK	50	0	21.61	21.68	21.38	22.5
10	16QAM	1	0	21.84	21.86	21.44	
10	16QAM	1	25	21.55	21.77	21.50	
10	16QAM	1	49	21.56	21.79	21.53	21.5
10	16QAM	25	0	20.67	20.96	20.62	
10	16QAM	25	12	20.59	20.70	20.59	
10	16QAM	25	25	20.72	20.58	20.81	22.5
10	16QAM	50	0	20.45	20.56	20.60	
10	64QAM	1	0	21.60	21.89	21.77	
10	64QAM	1	25	21.45	21.66	21.60	21.5
10	64QAM	1	49	21.71	21.70	21.55	
10	64QAM	25	0	20.67	20.82	20.78	
10	64QAM	25	12	20.48	20.76	20.48	22.5
10	64QAM	25	25	20.53	20.65	20.47	
10	64QAM	50	0	20.71	20.68	20.54	
Channel				26065	26365	26665	23.5
Frequency (MHz)				1852.5	1882.5	1912.5	
5	QPSK	1	0	22.58	22.79	22.68	22.5
5	QPSK	1	12	22.40	22.37	22.51	
5	QPSK	1	24	22.42	22.45	22.70	
5	QPSK	12	0	21.41	21.53	21.60	22.5
5	QPSK	12	7	21.81	21.42	21.66	
5	QPSK	12	13	21.45	21.48	21.67	
5	QPSK	25	0	21.43	21.60	21.50	22.5
5	16QAM	1	0	21.74	21.57	21.57	
5	16QAM	1	12	21.39	21.50	21.78	
5	16QAM	1	24	21.78	21.70	21.35	21.5
5	16QAM	12	0	20.54	20.86	20.52	
5	16QAM	12	7	20.49	20.54	20.55	
5	16QAM	12	13	20.53	20.57	20.72	22.5
5	16QAM	25	0	20.48	20.56	20.51	
5	64QAM	1	0	21.70	21.87	21.56	
5	64QAM	1	12	21.43	21.53	21.61	21.5
5	64QAM	1	24	21.55	21.49	21.44	
5	64QAM	12	0	20.46	20.54	20.60	
5	64QAM	12	7	20.60	20.75	20.54	22.5
5	64QAM	12	13	20.58	20.63	20.80	
5	64QAM	25	0	20.37	20.78	20.59	
Channel				26055	26365	26675	23.5
Frequency (MHz)				1851.5	1882.5	1913.5	
3	QPSK	1	0	22.74	22.69	22.83	22.5
3	QPSK	1	8	22.57	22.67	22.50	
3	QPSK	1	14	22.40	22.53	22.60	
3	QPSK	8	0	21.42	21.54	21.53	22.5
3	QPSK	8	4	21.66	21.48	21.37	
3	QPSK	8	7	21.64	21.38	21.50	

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	23.44	23.64	23.54	24.5
15	QPSK	1	37	23.53	23.30	23.35	
15	QPSK	1	74	23.25	23.40	23.22	
15	QPSK	36	0	22.55	22.47	22.48	
15	QPSK	36	20	22.60	22.50	22.26	
15	QPSK	36	39	22.24	22.50	22.23	23.5
15	QPSK	75	0	22.31	22.39	22.14	
15	16QAM	1	0	22.28	22.49	22.52	
15	16QAM	1	37	22.38	22.42	22.41	23.5
15	16QAM	1	74	22.45	22.64	22.35	
15	16QAM	36	0	21.43	21.44	21.33	
15	16QAM	36	20	21.34	21.25	21.41	22.5
15	16QAM	36	39	21.39	21.42	21.48	
15	16QAM	75	0	21.61	21.68	21.50	
15	64QAM	1	0	22.55	22.35	22.47	23.5
15	64QAM	1	37	22.54	22.45	22.32	
15	64QAM	1	74	22.51	22.59	22.48	
15	64QAM	36	0	21.52	21.55	21.53	
15	64QAM	36	20	21.22	21.22	21.26	
15	64QAM	36	39	21.40	21.51	21.26	22.5
15	64QAM	75	0	21.53	21.25	21.39	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	23.61	23.58	23.60	24.5
10	QPSK	1	25	23.51	23.42	23.23	
10	QPSK	1	49	23.43	23.29	23.46	
10	QPSK	25	0	22.35	22.32	22.25	
10	QPSK	25	12	22.42	22.34	22.49	
10	QPSK	25	25	22.51	22.23	22.13	23.5
10	QPSK	50	0	22.44	22.28	22.25	
10	16QAM	1	0	22.46	22.38	22.50	
10	16QAM	1	25	22.37	22.33	22.36	23.5
10	16QAM	1	49	22.54	22.54	22.46	
10	16QAM	25	0	21.68	21.53	21.59	
10	16QAM	25	12	21.24	21.39	21.31	22.5
10	16QAM	25	25	21.41	21.28	21.30	
10	16QAM	50	0	21.57	21.70	21.35	
10	64QAM	1	0	22.51	22.38	22.59	23.5
10	64QAM	1	25	22.36	22.36	22.22	
10	64QAM	1	49	22.55	22.50	22.53	
10	64QAM	25	0	21.43	21.43	21.52	
10	64QAM	25	12	21.43	21.30	21.52	
10	64QAM	25	25	21.27	21.48	21.38	22.5
10	64QAM	50	0	21.46	21.31	21.25	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	23.57	23.52	23.52	24.5
5	QPSK	1	12	23.30	23.35	23.21	
5	QPSK	1	24	23.37	23.27	23.20	
5	QPSK	12	0	22.37	22.27	22.32	
5	QPSK	12	7	22.37	22.50	22.14	
5	QPSK	12	13	22.39	22.36	22.22	23.5
5	QPSK	25	0	22.40	22.42	22.35	
5	16QAM	1	0	22.52	22.57	22.21	
5	16QAM	1	12	22.28	22.41	22.35	23.5
5	16QAM	1	24	22.45	22.64	22.31	
5	16QAM	12	0	21.34	21.61	21.63	
5	16QAM	12	7	21.20	21.33	21.50	
5	16QAM	12	13	21.31	21.40	21.31	
5	16QAM	25	0	21.60	21.63	21.27	22.5
5	64QAM	1	0	22.39	22.56	22.58	
5	64QAM	1	12	22.32	22.57	22.23	
5	64QAM	1	24	22.45	22.33	22.29	23.5
5	64QAM	12	0	21.38	21.46	21.37	
5	64QAM	12	7	21.14	21.25	21.27	
5	64QAM	12	13	21.41	21.16	21.42	
5	64QAM	25	0	21.54	21.40	21.14	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	23.45	23.54	23.45	24.5
3	QPSK	1	8	23.45	23.28	23.48	
3	QPSK	1	14	23.45	23.17	23.43	
3	QPSK	8	0	22.27	22.51	22.30	
3	QPSK	8	4	22.43	22.40	22.15	
3	QPSK	8	7	22.51	22.36	22.50	23.5
3	QPSK	15	0	22.41	22.24	22.41	
3	16QAM	1	0	22.52	22.52	22.44	
3	16QAM	1	8	22.22	22.23	22.22	23.5
3	16QAM	1	14	22.49	22.32	22.42	
3	16QAM	8	0	21.48	21.41	21.32	
3	16QAM	8	4	21.19	21.47	21.40	22.5
3	16QAM	8	7	21.59	21.33	21.60	
3	16QAM	15	0	21.26	21.64	21.47	
3	64QAM	1	0	22.40	22.46	22.49	23.5
3	64QAM	1	8	22.57	22.29	22.34	
3	64QAM	1	14	22.27	22.41	22.42	
3	64QAM	8	0	21.56	21.48	21.53	
3	64QAM	8	4	21.47	21.50	21.16	
3	64QAM	8	7	21.40	21.28	21.11	22.5
3	64QAM	15	0	21.47	21.29	21.52	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	23.53	23.58	23.23	24.5
1.4	QPSK	1	3	23.39	23.49	23.46	
1.4	QPSK	1	5	23.57	23.13	23.30	
1.4	QPSK	3	0	22.49	22.53	22.54	
1.4	QPSK	3	1	22.46	22.52	22.30	
1.4	QPSK	3	3	22.58	22.27	22.26	

3	QPSK	15	0	21.70	21.52	21.38	22.5
3	16QAM	1	0	21.50	21.89	21.74	
3	16QAM	1	8	21.57	21.71	21.45	
3	16QAM	1	14	21.47	21.73	21.55	21.5
3	16QAM	8	0	20.76	20.63	20.47	
3	16QAM	8	4	20.63	20.56	20.57	
3	16QAM	8	7	20.63	20.79	20.73	22.5
3	16QAM	15	0	20.59	20.53	20.83	
3	64QAM	1	0	21.39	21.54	21.64	
3	64QAM	1	8	21.59	21.44	21.77	21.5
3	64QAM	1	14	21.60	21.58	21.47	
3	64QAM	8	0	20.61	20.46	20.66	
3	64QAM	8	4	20.63	20.64	20.59	21.5
3	64QAM	8	7	20.36	20.52	20.50	
3	64QAM	15	0	20.66	20.53	20.69	
Channel				26047	26365	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1882.5	1914.3	
1.4	QPSK	1	0	22.67	22.79	22.45	23.5
1.4	QPSK	1	3	22.45	22.67	22.45	
1.4	QPSK	1	5	22.44	22.64	22.53	
1.4	QPSK	3	0	21.59	21.78	21.65	
1.4	QPSK	3	1	21.76	21.69	21.73	
1.4	QPSK	3	3	21.58	21.71	21.53	22.5
1.4	QPSK	6	0	21.33	21.54	21.32	
1.4	16QAM	1	0	21.75	21.68	21.37	
1.4	16QAM	1	3	21.43	21.57	21.52	
1.4	16QAM	1	5	21.40	21.72	21.44	
1.4	16QAM	3	0	20.52	20.63	20.63	20.5
1.4	16QAM	3	1	20.51	20.65	20.79	
1.4	16QAM	3	3	20.69	20.76	20.65	
1.4	16QAM	6	0	20.76	20.60	20.73	
1.4	64QAM	1	0	21.65	21.60	21.78	
1.4	64QAM	1	3	21.77	21.53	21.52	22.5
1.4	64QAM	1	5	21.80	21.76	21.52	
1.4	64QAM	3	0	20.48	20.53	20.57	
1.4	64QAM	3	1	20.45	20.67	20.70	
1.4	64QAM	3	3	20.62	20.64	20.32	
1.4	64QAM	6	0	20.51	20.79	20.56	21.5

1.4	QPSK	6	0	22.31	22.42	22.41	23.5
1.4	16QAM	1	0	22.38	22.71	22.48	23.5
1.4	16QAM	1	3	22.45	22.58	22.33	
1.4	16QAM	1	5	22.58	22.55	22.34	
1.4	16QAM	3	0	21.40	21.65	21.56	
1.4	16QAM	3	1	21.23	21.52	21.41	
1.4	16QAM	3	3	21.60	21.65	21.52	22.5
1.4	16QAM	6	0	21.35	21.39	21.29	
1.4	64QAM	1	0	22.25	22.40	22.29	
1.4	64QAM	1	3	22.60	22.29	22.42	
1.4	64QAM	1	5	22.24	22.41	22.40	
1.4	64QAM	3	0	21.44	21.23	21.35	23.5
1.4	64QAM	3	1	21.21	21.35	21.35	
1.4	64QAM	3	3	21.30	21.46	21.38	
1.4	64QAM	6	0	21.18	21.25	21.21	
1.4	64QAM	6	0	21.18	21.25	21.21	22.5

Band 66 (dBm)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				132072	132322	132572	22.5
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.73	21.80	21.70	22.5
20	QPSK	1	49	21.68	21.49	21.45	
20	QPSK	1	99	21.41	21.66	21.46	
20	QPSK	50	0	20.71	20.72	20.62	
20	QPSK	50	24	20.46	20.68	20.72	21.5
20	QPSK	50	50	20.63	20.51	20.53	
20	QPSK	100	0	20.59	20.59	20.48	
20	16QAM	1	0	20.80	20.72	20.67	
20	16QAM	1	49	20.49	20.61	20.59	21.5
20	16QAM	1	99	20.58	20.64	20.33	
20	16QAM	50	0	19.69	19.84	19.76	
20	16QAM	50	24	19.53	19.55	19.71	
20	16QAM	50	50	19.70	19.69	19.44	20.5
20	16QAM	100	0	19.53	19.57	19.83	
20	64QAM	1	0	20.39	20.69	20.83	
20	64QAM	1	49	20.48	20.56	20.39	
20	64QAM	1	99	20.55	20.78	20.40	21.5
20	64QAM	50	0	19.50	19.47	19.57	
20	64QAM	50	24	19.47	19.60	19.72	
20	64QAM	50	50	19.45	19.59	19.31	
20	64QAM	100	0	19.51	19.81	19.51	20.5
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	22.5
15	QPSK	1	0	21.50	21.67	21.47	
15	QPSK	1	37	21.66	21.47	21.61	21.5
15	QPSK	1	74	21.47	21.61	21.34	
15	QPSK	36	0	20.74	20.66	20.84	
15	QPSK	36	20	20.73	20.65	20.48	
15	QPSK	36	39	20.59	20.36	20.37	21.5
15	QPSK	75	0	20.69	20.39	20.55	
15	16QAM	1	0	20.46	20.55	20.75	
15	16QAM	1	37	20.60	20.77	20.39	
15	16QAM	1	74	20.46	20.83	20.44	20.5
15	16QAM	36	0	19.55	19.57	19.60	
15	16QAM	36	20	19.42	19.57	19.47	
15	16QAM	36	39	19.59	19.75	19.59	
15	16QAM	75	0	19.80	19.72	19.79	21.5
15	64QAM	1	0	20.44	20.84	20.59	
15	64QAM	1	37	20.61	20.80	20.56	
15	64QAM	1	74	20.48	20.65	20.49	
15	64QAM	36	0	19.60	19.43	19.63	20.5
15	64QAM	36	20	19.40	19.75	19.50	
15	64QAM	36	39	19.57	19.61	19.41	
15	64QAM	75	0	19.39	19.63	19.51	
Channel				132022	132322	132622	22.5
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	21.47	21.66	21.65	21.5
10	QPSK	1	25	21.62	21.61	21.48	
10	QPSK	1	49	21.43	21.36	21.59	
10	QPSK	25	0	20.67	20.59	20.48	
10	QPSK	25	12	20.43	20.73	20.42	21.5
10	QPSK	25	25	20.74	20.62	20.65	
10	QPSK	50	0	20.53	20.44	20.54	
10	16QAM	1	0	20.72	20.82	20.58	
10	16QAM	1	25	20.72	20.61	20.56	21.5
10	16QAM	1	49	20.66	20.69	20.70	
10	16QAM	25	0	19.48	19.81	19.64	
10	16QAM	25	12	19.37	19.70	19.57	
10	16QAM	25	25	19.75	19.49	19.73	20.5
10	16QAM	50	0	19.75	19.56	19.65	
10	64QAM	1	0	20.61	20.80	20.75	
10	64QAM	1	25	20.78	20.77	20.49	
10	64QAM	1	49	20.49	20.60	20.49	21.5
10	64QAM	25	0	19.75	19.53	19.76	
10	64QAM	25	12	19.71	19.43	19.52	
10	64QAM	25	25	19.39	19.73	19.60	
10	64QAM	50	0	19.44	19.51	19.49	20.5
Channel				131997	132322	132647	
Frequency (MHz)				1712.5	1745	1777.5	22.5
5	QPSK	1	0	21.58	21.60	21.46	
5	QPSK	1	12	21.55	21.58	21.53	21.5
5	QPSK	1	24	21.48	21.49	21.30	
5	QPSK	12	0	20.48	20.81	20.74	
5	QPSK	12	7	20.70	20.72	20.47	
5	QPSK	12	13	20.52	20.56	20.51	21.5
5	QPSK	25	0	20.37	20.57	20.36	
5	16QAM	1	0	20.69	20.58	20.38	
5	16QAM	1	12	20.70	20.47	20.70	
5	16QAM	1	24	20.76	20.70	20.47	21.5
5	16QAM	12	0	19.49	19.87	19.85	
5	16QAM	12	7	19.51	19.64	19.42	
5	16QAM	12	13	19.56	19.73	19.77	
5	16QAM	25	0	19.46	19.78	19.68	20.5
5	64QAM	1	0	20.49	20.84	20.73	
5	64QAM	1	12	20.67	20.55	20.78	
5	64QAM	1	24	20.63	20.59	20.74	
5	64QAM	12	0	19.50	19.78	19.87	20.5
5	64QAM	12	7	19.60	19.62	19.54	
5	64QAM	12	13	19.42	19.70	19.63	
5	64QAM	25	0	19.36	19.62	19.40	
Channel				131987	132322	132657	22.5
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	21.43	21.67	21.66	21.5
3	QPSK	1	8	21.44	21.64	21.30	
3	QPSK	1	14	21.45	21.68	21.61	
3	QPSK	8	0	20.38	20.57	20.69	
3	QPSK	8	4	20.62	20.56	20.61	21.5
3	QPSK	8	7	20.57	20.57	20.36	

Band 71 (dBm)							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dbm)
Channel				133222	133322	133372	24.5
Frequency (MHz)				673	683	688	
20	QPSK	1	0	23.56	23.77	23.62	24.5
20	QPSK	1	49	23.42	23.59	23.56	
20	QPSK	1	99	23.75	23.56	23.48	
20	QPSK	50	0	22.62	22.48	22.42	
20	QPSK	50	24	22.59	22.39	22.61	23.5
20	QPSK	50	50	22.54	22.53	22.67	
20	QPSK	100	0	22.64	22.64	22.30	
20	16QAM	1	0	22.45	22.76	22.36	
20	16QAM	1	49	22.60	22.56	22.74	23.5
20	16QAM	1	99	22.51	22.61	22.66	
20	16QAM	50	0	21.58	21.86	21.69	
20	16QAM	50	24	21.63	21.59	21.63	
20	16QAM	50	50	21.70	21.88	21.74	22.5
20	16QAM	100	0	21.45	21.89	21.45	
20	64QAM	1	0	22.67	22.80	22.56	
20	64QAM	1	49	22.61	22.56	22.43	
20	64QAM	1	99	22.65	22.39	22.57	23.5
20	64QAM	50	0	21.58	21.52	21.51	
20	64QAM	50	24	21.57	21.60	21.38	
20	64QAM	50	50	21.37	21.34	21.67	
20	64QAM	100	0	21.45	21.72	21.49	22.5
Channel				133197	133297	133397	
Frequency (MHz)				670.5	680.5	690.5	Tune-up limit (dbm)
15	QPSK	1	0	23.53	23.30	23.50	24.5
15	QPSK	1	37	23.53	23.53	23.42	
15	QPSK	1	74	23.26	23.13	23.48	
15	QPSK	36	0	22.29	22.52	22.55	
15	QPSK	36	20	22.28	22.53	22.19	23.5
15	QPSK	36	39	22.32	22.50	22.48	
15	QPSK	75	0	22.41	22.44	22.31	
15	16QAM	1	0	22.57	22.40	22.39	
15	16QAM	1	37	22.23	22.45	22.23	23.5
15	16QAM	1	74	22.49	22.54	22.23	
15	16QAM	36	0	21.59	21.59	21.33	
15	16QAM	36	20	21.47	21.52	21.40	
15	16QAM	36	39	21.69	21.62	21.39	22.5
15	16QAM	75	0	21.44	21.38	21.35	
15	64QAM	1	0	22.54	22.46	22.39	
15	64QAM	1	37	22.43	22.39	22.19	
15	64QAM	1	74	22.53	22.37	22.37	23.5
15	64QAM	36	0	21.38	21.39	21.46	
15	64QAM	36	20	21.19	21.19	21.14	
15	64QAM	36	39	21.41	21.15	21.21	
15	64QAM	75	0	21.52	21.38	21.43	22.5
Channel				133172	133272	133422	
Frequency (MHz)				668	678	693	Tune-up limit (dbm)
10	QPSK	1	0	23.59	23.62	23.56	24.5
10	QPSK	1	25	23.55	23.19	23.33	
10	QPSK	1	49	23.42	23.27	23.40	
10	QPSK	25	0	22.25	22.35	22.37	
10	QPSK	25	12	22.34	22.45	22.18	23.5
10	QPSK	25	25	22.29	22.38	22.49	
10	QPSK	50	0	22.39	22.45	22.38	
10	16QAM	1	0	22.52	22.49	22.24	
10	16QAM	1	25	22.28	22.29	22.20	23.5
10	16QAM	1	49	22.49	22.66	22.39	
10	16QAM	25	0	21.46	21.59	21.38	
10	16QAM	25	12	21.27	21.46	21.36	
10	16QAM	25	25	21.51	21.44	21.41	22.5
10	16QAM	50	0	21.54	21.68	21.41	
10	64QAM	1	0	22.50	22.67	22.45	
10	64QAM	1	25	22.28	22.45	22.20	
10	64QAM	1	49	22.62	22.25	22.39	23.5
10	64QAM	25	0	21.28	21.43	21.52	
10	64QAM	25	12	21.36	21.54	21.38	
10	64QAM	25	25	21.17	21.23	21.46	
10	64QAM	50	0	21.36	21.63	21.28	22.5
Channel				133147	133247	133447	
Frequency (MHz)				665.5	675.5	695.5	Tune-up limit (dbm)
5	QPSK	1	0	23.52	23.65	23.50	24.5
5	QPSK	1	12	23.30	23.48	23.49	
5	QPSK	1	24	23.31	23.47	23.41	
5	QPSK	12	0	22.17	22.25	22.34	
5	QPSK	12	7	22.53	22.29	22.19	23.5
5	QPSK	12	13	22.59	22.51	22.25	
5	QPSK	25	0	22.23	22.42	22.22	
5	16QAM	1	0	22.41	22.33	22.41	
5	16QAM	1	12	22.13	22.53	22.42	23.5
5	16QAM	1	24	22.49	22.46	22.28	
5	16QAM	12	0	21.52	21.63	21.63	
5	16QAM	12	7	21.42	21.61	21.41	
5	16QAM	12	13	21.68	21.66	21.45	22.5
5	16QAM	25	0	21.61	21.57	21.59	
5	64QAM	1	0	22.44	22.35	22.54	
5	64QAM	1	12	22.43	22.41	22.55	
5	64QAM	1	24	22.31	22.35	22.41	23.5
5	64QAM	12	0	21.57	21.28	21.61	
5	64QAM	12	7	21.37	21.53	21.19	
5	64QAM	12	13	21.48	21.17	21.33	
5	64QAM	25	0	21.52	21.29	21.38	22.5

3	QPSK	15	0	20.65	20.52	20.66	21.5
3	16QAM	1	0	20.78	20.75	20.51	
3	16QAM	1	8	20.39	20.57	20.52	
3	16QAM	1	14	20.61	20.75	20.45	20.5
3	16QAM	8	0	19.63	19.95	19.57	
3	16QAM	8	4	19.60	19.79	19.64	
3	16QAM	8	7	19.87	19.62	19.71	21.5
3	16QAM	15	0	19.77	19.81	19.70	
3	64QAM	1	0	20.65	20.89	20.56	
3	64QAM	1	8	20.51	20.70	20.67	20.5
3	64QAM	1	14	20.43	20.61	20.52	
3	64QAM	8	0	19.66	19.54	19.58	
3	64QAM	8	4	19.35	19.57	19.35	20.5
3	64QAM	8	7	19.47	19.62	19.30	
3	64QAM	15	0	19.41	19.69	19.70	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	21.46	21.62	21.50	22.5
1.4	QPSK	1	3	21.45	21.51	21.67	
1.4	QPSK	1	5	21.56	21.63	21.32	
1.4	QPSK	3	0	20.67	20.72	20.66	
1.4	QPSK	3	1	20.56	20.56	20.74	
1.4	QPSK	3	3	20.57	20.65	20.71	
1.4	QPSK	6	0	20.68	20.66	20.62	21.5
1.4	16QAM	1	0	20.83	20.59	20.57	21.5
1.4	16QAM	1	3	20.53	20.57	20.60	
1.4	16QAM	1	5	20.58	20.53	20.56	
1.4	16QAM	3	0	19.71	19.57	19.75	
1.4	16QAM	3	1	19.61	19.56	19.77	
1.4	16QAM	3	3	19.60	19.61	19.76	
1.4	16QAM	6	0	19.67	19.65	19.70	20.5
1.4	64QAM	1	0	20.66	20.66	20.43	21.5
1.4	64QAM	1	3	20.56	20.83	20.41	
1.4	64QAM	1	5	20.78	20.53	20.58	
1.4	64QAM	3	0	19.67	19.65	19.64	
1.4	64QAM	3	1	19.61	19.60	19.63	
1.4	64QAM	3	3	19.66	19.54	19.52	
1.4	64QAM	6	0	19.60	19.74	19.62	20.5

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	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.58	22.68	22.62	23.5
20	QPSK	1	49	22.45	22.58	22.60	
20	QPSK	1	99	22.48	22.47	22.45	
20	QPSK	50	0	21.51	21.62	21.49	22.5
20	QPSK	50	24	21.69	21.47	21.55	
20	QPSK	50	50	21.73	21.38	21.50	
20	QPSK	100	0	21.58	21.45	21.36	22.5
20	16QAM	1	0	21.70	21.63	21.73	
20	16QAM	1	49	21.71	21.57	21.72	
20	16QAM	1	99	21.48	21.61	21.34	21.5
20	16QAM	50	0	20.59	20.65	20.79	
20	16QAM	50	24	20.40	20.75	20.58	
20	16QAM	50	50	20.65	20.84	20.81	22.5
20	16QAM	100	0	20.59	20.87	20.66	
20	64QAM	1	0	21.58	21.52	21.73	
20	64QAM	1	49	21.64	21.74	21.45	21.5
20	64QAM	1	99	21.46	21.65	21.62	
20	64QAM	50	0	20.53	20.47	20.54	
20	64QAM	50	24	20.73	20.55	20.53	22.5
20	64QAM	50	50	20.37	20.46	20.30	
20	64QAM	100	0	20.56	20.78	20.49	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.61	22.65	22.59	23.5
15	QPSK	1	37	22.48	22.61	22.54	
15	QPSK	1	74	22.42	22.53	22.49	
15	QPSK	36	0	21.67	21.41	21.38	22.5
15	QPSK	36	20	21.52	21.53	21.45	
15	QPSK	36	39	21.66	21.48	21.48	
15	QPSK	75	0	21.53	21.44	21.52	22.5
15	16QAM	1	0	21.83	21.53	21.58	
15	16QAM	1	37	21.67	21.56	21.52	
15	16QAM	1	74	21.44	21.48	21.66	21.5
15	16QAM	36	0	20.59	20.83	20.73	
15	16QAM	36	20	20.44	20.64	20.49	
15	16QAM	36	39	20.55	20.79	20.58	22.5
15	16QAM	75	0	20.57	20.55	20.75	
15	64QAM	1	0	21.69	21.83	21.46	
15	64QAM	1	37	21.76	21.83	21.72	21.5
15	64QAM	1	74	21.72	21.65	21.48	
15	64QAM	36	0	20.57	20.55	20.79	
15	64QAM	36	20	20.45	20.70	20.63	22.5
15	64QAM	36	39	20.64	20.37	20.48	
15	64QAM	75	0	20.68	20.52	20.53	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.60	22.62	22.46	23.5
10	QPSK	1	25	22.56	22.59	22.49	
10	QPSK	1	49	22.47	22.45	22.60	
10	QPSK	25	0	21.49	21.71	21.54	22.5
10	QPSK	25	12	21.53	21.68	21.51	
10	QPSK	25	25	21.60	21.55	21.57	
10	QPSK	50	0	21.41	21.44	21.41	22.5
10	16QAM	1	0	21.57	21.63	21.49	
10	16QAM	1	25	21.46	21.58	21.56	
10	16QAM	1	49	21.52	21.60	21.72	21.5
10	16QAM	25	0	20.70	20.92	20.78	
10	16QAM	25	12	20.58	20.57	20.62	
10	16QAM	25	25	20.83	20.61	20.79	22.5
10	16QAM	50	0	20.70	20.73	20.61	
10	64QAM	1	0	21.57	21.78	21.73	
10	64QAM	1	25	21.47	21.63	21.61	21.5
10	64QAM	1	49	21.57	21.51	21.75	
10	64QAM	25	0	20.55	20.47	20.71	
10	64QAM	25	12	20.51	20.38	20.72	22.5
10	64QAM	25	25	20.41	20.53	20.65	
10	64QAM	50	0	20.51	20.74	20.67	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	22.56	22.64	22.60	23.5
5	QPSK	1	12	22.64	22.59	22.34	
5	QPSK	1	24	22.54	22.60	22.45	
5	QPSK	12	0	21.71	21.77	21.75	22.5
5	QPSK	12	7	21.72	21.63	21.53	
5	QPSK	12	13	21.42	21.54	21.71	
5	QPSK	25	0	21.58	21.69	21.46	22.5
5	16QAM	1	0	21.64	21.54	21.74	
5	16QAM	1	12	21.66	21.54	21.64	
5	16QAM	1	24	21.80	21.51	21.54	21.5
5	16QAM	12	0	20.78	20.68	20.62	
5	16QAM	12	7	20.52	20.76	20.60	
5	16QAM	12	13	20.65	20.68	20.81	22.5
5	16QAM	25	0	20.75	20.76	20.63	
5	64QAM	1	0	21.69	21.67	21.58	
5	64QAM	1	12	21.81	21.56	21.77	21.5
5	64QAM	1	24	21.56	21.68	21.41	
5	64QAM	12	0	20.57	20.65	20.57	
5	64QAM	12	7	20.44	20.69	20.57	22.5
5	64QAM	12	13	20.54	20.70	20.54	
5	64QAM	25	0	20.62	20.62	20.55	

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	22.95	23.08	23.37	23.19	22.89	24	
20	QPSK	1	49	22.99	23.08	23.12	23.04	23.05		
20	QPSK	1	99	23.00	23.17	23.13	23.18	23.06		
20	QPSK	50	0	21.95	21.98	22.04	22.03	22.05	23	
20	QPSK	50	24	21.98	22.33	22.08	22.23	22.08		
20	QPSK	50	50	22.21	22.35	22.32	22.27	22.00		
20	QPSK	100	0	22.07	22.30	21.99	21.96	22.16	23	
20	16QAM	1	0	22.14	22.38	22.51	22.11	21.98		
20	16QAM	1	49	22.12	22.17	22.08	22.30	22.21		
20	16QAM	1	99	21.98	22.18	22.39	21.99	21.98	22	
20	16QAM	50	0	21.28	21.42	21.20	21.09	21.29		
20	16QAM	50	24	21.36	21.16	21.24	21.27	21.36		
20	16QAM	50	50	21.19	21.49	21.22	21.16	21.19	23	
20	16QAM	100	0	21.18	21.31	21.30	21.06	21.29		
20	64QAM	1	0	22.33	22.25	22.29	22.43	22.09		
20	64QAM	1	49	22.09	22.12	22.23	22.11	22.01	22	
20	64QAM	1	99	22.19	22.23	21.99	22.33	22.01		
20	64QAM	50	0	21.28	21.13	21.06	21.27	21.14		
20	64QAM	50	24	21.15	21.14	21.37	20.98	21.27	22	
20	64QAM	50	50	21.02	21.27	21.05	21.17	20.92		
20	64QAM	100	0	20.96	21.20	21.38	21.12	21.00		
Channel				39725	40173	40620	41098	41515		Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.89	23.23	23.12	23.04	22.70	24	
15	QPSK	1	37	22.90	23.24	23.25	23.16	22.98		
15	QPSK	1	74	23.01	22.98	23.22	23.24	23.17		
15	QPSK	36	0	21.82	22.14	21.99	22.06	22.25	23	
15	QPSK	36	20	22.16	22.22	21.97	22.28	22.02		
15	QPSK	36	39	22.02	22.25	22.21	22.23	21.86		
15	QPSK	75	0	22.00	22.10	22.08	21.94	22.36	23	
15	16QAM	1	0	22.04	22.41	22.68	21.93	21.96		
15	16QAM	1	37	22.28	22.28	22.03	22.44	22.15		
15	16QAM	1	74	21.83	22.15	22.42	21.83	22.18	22	
15	16QAM	36	0	21.25	21.43	21.30	21.04	21.32		
15	16QAM	36	20	21.51	21.04	21.26	21.30	21.24		
15	16QAM	36	39	21.16	21.49	21.41	21.19	21.29	23	
15	16QAM	75	0	21.19	21.40	21.29	20.86	21.38		
15	64QAM	1	0	22.26	22.19	22.39	22.52	22.10		
15	64QAM	1	37	22.21	22.29	22.37	22.13	21.96	22	
15	64QAM	1	74	22.32	22.33	22.19	22.18	22.01		
15	64QAM	36	0	21.35	21.13	21.19	21.35	21.29		
15	64QAM	36	20	21.19	21.28	21.54	21.09	21.37	22	
15	64QAM	36	39	20.95	21.16	21.06	21.04	20.82		
15	64QAM	75	0	20.92	21.06	21.13	21.03	20.98		
Channel				39700	40160	40620	41080	41540		Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.14	23.01	23.27	22.99	22.89	24	
10	QPSK	1	25	22.80	23.12	22.95	23.24	23.23		
10	QPSK	1	49	23.02	23.03	22.98	23.31	23.03		
10	QPSK	25	0	22.10	21.94	21.94	21.85	21.87	23	
10	QPSK	25	12	21.94	22.38	22.17	22.22	22.20		
10	QPSK	25	25	22.27	22.16	22.38	22.43	21.91		
10	QPSK	50	0	22.13	22.46	22.05	21.84	21.96	23	
10	16QAM	1	0	22.11	22.28	22.64	21.92	22.03		
10	16QAM	1	25	22.06	22.31	22.18	22.27	22.28		
10	16QAM	1	49	22.15	22.10	22.25	21.84	21.85	22	
10	16QAM	25	0	21.20	21.31	21.16	20.89	21.21		
10	16QAM	25	12	21.21	21.18	21.41	21.46	21.26		
10	16QAM	25	25	21.18	21.30	21.18	21.20	21.08	23	
10	16QAM	50	0	21.37	21.34	21.34	20.86	21.32		
10	64QAM	1	0	22.01	22.52	22.62	22.14	21.86		
10	64QAM	1	25	22.31	22.34	21.90	22.35	22.17	22	
10	64QAM	1	49	21.86	22.33	22.57	21.88	21.81		
10	64QAM	25	0	20.95	21.05	21.17	21.16	21.11		
10	64QAM	25	12	21.17	21.14	21.28	21.09	21.29	22	
10	64QAM	25	25	21.25	21.06	21.27	21.00	21.25		
10	64QAM	50	0	21.29	21.29	21.20	21.19	21.19		
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	23.14	23.18	23.26	23.21	22.88	24	
5	QPSK	1	12	23.08	23.21	22.99	23.23	22.98		
5	QPSK	1	24	23.10	23.20	23.28	23.12	22.95		
5	QPSK	12	0	21.75	22.11	21.88	21.87	21.90	23	
5	QPSK	12	7	22.08	22.16	22.15	22.06	22.10		
5	QPSK	12	13	22.18	22.50	22.32	22.19	21.88		
5	QPSK	25	0	22.04	22.48	22.00	22.11	22.04	22	
5	16QAM	1	0	22.01	22.52	22.62	22.14	21.86		
5	16QAM	1	12	22.31	22.34	21.90	22.35	22.17		
5	16QAM	1	24	21.86	22.33	22.57	21.88	21.81	23	
5	16QAM	12	0	21.40	21.40	21.17	21.16	21.11		
5	16QAM	12	7	21.19	21.14	21.28	21.39	21.29		
5	16QAM	12	13	21.25	21.56	21.27	21.00	21.25	22	
5	16QAM	25	0	21.27	21.29	21.21	21.19	21.19		
5	64QAM	1	0	22.46	22.29	22.39	22.48	22.25		
5	64QAM	1	12	22.01	21.96	22.20	22.24	22.17	23	
5	64QAM	1	24	22.12	22.09	21.79	22.36	22.16		
5	64QAM	12	0	21.19	21.23	20.92	21.26	21.09		
5	64QAM	12	7	21.29	21.07	21.17	21.01	21.17	22	
5	64QAM	12	13	21.12	21.20	21.04	21.07	20.76		
5	64QAM	25	0	20.95	21.02	21.11	21.03	20.99		

Band 42 (3.5G Band) (dBm)							
BW [MHz]	Modulation	RB Size	RB Offset	Low channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	22.63	22.76	22.58	23.5
20	QPSK	1	49	22.53	22.55	22.70	
20	QPSK	1	99	22.31	22.26	22.59	
20	QPSK	50	0	21.60	21.76	21.68	22.5
20	QPSK	50	24	21.59	21.75	21.62	
20	QPSK	50	50	21.59	21.58	21.73	
20	QPSK	100	0	21.30	21.64	21.33	22.5
20	16QAM	1	0	21.62	21.64	21.72	
20	16QAM	1	49	21.54	21.54	21.80	
20	16QAM	1	99	21.72	21.50	21.45	21.5
20	16QAM	50	0	20.45	20.61	20.65	
20	16QAM	50	24	20.68	20.73	20.41	
20	16QAM	50	50	20.62	20.45	20.50	22.5
20	16QAM	100	0	20.67	20.36	20.50	
20	64QAM	1	0	21.57	21.61	21.59	
20	64QAM	1	49	21.43	21.49	21.53	21.5
20	64QAM	1	99	21.73	21.41	21.15	
20	64QAM	50	0	20.80	20.32	20.59	
20	64QAM	50	24	20.82	20.41	20.62	21.5
20	64QAM	50	50	20.51	20.40	20.29	
20	64QAM	100	0	20.79	20.29	20.45	
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	22.43	22.71	22.58	
15	QPSK	1	37	22.38	22.44	22.47	23.5
15	QPSK	1	74	22.54	22.52	22.56	
15	QPSK	36	0	21.49	21.90	21.79	22.5
15	QPSK	36	20	21.39	21.47	21.37	
15	QPSK	36	39	21.54	21.68	21.53	
15	QPSK	75	0	21.62	21.69	21.46	22.5
15	16QAM	1	0	21.64	21.58	21.69	
15	16QAM	1	37	21.42	21.56	21.86	
15	16QAM	1	74	21.52	21.73	21.25	21.5
15	16QAM	36	0	20.39	20.77	20.67	
15	16QAM	36	20	20.64	20.45	20.89	
15	16QAM	36	39	20.59	20.57	20.84	22.5
15	16QAM	75	0	20.39	20.36	20.31	
15	64QAM	1	0	21.50	21.70	21.54	
15	64QAM	1	37	21.38	21.32	21.58	21.5
15	64QAM	1	74	21.53	21.54	21.31	
15	64QAM	36	0	20.94	20.30	20.58	
15	64QAM	36	20	20.83	20.56	20.46	21.5
15	64QAM	36	39	20.42	20.20	20.41	
15	64QAM	75	0	20.43	20.43	20.50	
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	22.39	22.65	22.62	
10	QPSK	1	25	22.31	22.46	22.37	23.5
10	QPSK	1	49	22.53	22.29	22.43	
10	QPSK	25	0	21.68	21.75	21.60	22.5
10	QPSK	25	12	21.44	21.58	21.62	
10	QPSK	25	25	21.70	21.59	21.46	
10	QPSK	50	0	21.48	21.70	21.27	22.5
10	16QAM	1	0	21.90	21.58	21.52	
10	16QAM	1	25	21.54	21.45	21.50	
10	16QAM	1	49	21.52	21.58	21.28	21.5
10	16QAM	25	0	20.55	20.81	20.72	
10	16QAM	25	12	20.62	20.83	20.43	
10	16QAM	25	25	20.39	20.30	20.79	22.5
10	16QAM	50	0	20.59	20.64	20.57	
10	64QAM	1	0	21.73	21.71	21.43	
10	64QAM	1	25	21.51	21.49	21.29	21.5
10	64QAM	1	49	21.58	21.44	21.19	
10	64QAM	25	0	20.62	20.51	20.53	
10	64QAM	25	12	20.62	20.61	20.65	21.5
10	64QAM	25	25	20.57	20.16	20.33	
10	64QAM	50	0	20.72	20.31	20.44	
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	22.60	22.70	22.60	
5	QPSK	1	12	22.32	22.44	22.46	23.5
5	QPSK	1	24	22.38	22.36	22.52	
5	QPSK	12	0	21.82	21.69	21.69	22.5
5	QPSK	12	7	21.33	21.53	21.73	
5	QPSK	12	13	21.77	21.50	21.41	
5	QPSK	25	0	21.31	21.42	21.23	22.5
5	16QAM	1	0	21.86	21.82	21.53	
5	16QAM	1	12	21.22	21.46	21.87	
5	16QAM	1	24	21.74	21.51	21.58	21.5
5	16QAM	12	0	20.46	20.50	20.40	
5	16QAM	12	7	20.54	20.53	20.40	
5	16QAM	12	13	20.50	20.58	20.54	22.5
5	16QAM	25	0	20.44	20.49	20.63	
5	64QAM	1	0	21.47	21.89	21.39	
5	64QAM	1	12	21.71	21.28	21.55	21.5
5	64QAM	1	24	21.43	21.70	21.48	
5	64QAM	12	0	20.88	20.48	20.31	
5	64QAM	12	7	20.80	20.71	20.50	21.5
5	64QAM	12	13	20.80	20.54	20.31	
5	64QAM	25	0	20.67	20.29	20.31	

CA_7C										
Combination:20MHz+20MHz(100RB+100RB)										
PCC Channel (3GPP)	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level(dB)	Measured Power(dBm)	Tune-up limit(dBm)
			RB Size	RB Offset	RB Size	RB Offset				
20850	21048	QPSK	1	0	0	0	1	0	19.15	20.00
21001	21199	QPSK	1	0	0	0	1	0	19.32	20.00
21152	21350	QPSK	1	0	0	0	1	0	19.19	20.00
20850	21048	16QAM	1	0	0	0	1	0	18.75	19.50
21001	21199	16QAM	1	0	0	0	1	0	18.79	19.50
21152	21350	16QAM	1	0	0	0	1	0	18.63	19.50
20850	21048	64QAM	1	0	0	0	1	0	18.64	19.50
21001	21199	64QAM	1	0	0	0	1	0	18.70	19.50
21152	21350	64QAM	1	0	0	0	1	0	18.66	19.50
20850	21048	QPSK	50	0	0	0	1	0	18.69	19.50
21001	21199	QPSK	50	0	0	0	1	0	18.81	19.50
21152	21350	QPSK	50	0	0	0	1	0	18.72	19.50

CA_41C										
Combination:20MHz+20MHz(100RB+100RB)										
PCC Channel (3GPP)	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level(dB)	Measured Power(dBm)	Tune-up limit(dBm)
			RB Size	RB Offset	RB Size	RB Offset				
39750	39948	QPSK	1	0	0	0	1	0	19.20	20.00
40521	40719	QPSK	1	0	0	0	1	0	19.39	20.00
41292	41490	QPSK	1	0	0	0	1	0	19.15	20.00
39750	39948	16QAM	1	0	0	0	1	0	18.69	18.50
40521	40719	16QAM	1	0	0	0	1	0	18.95	18.50
41292	41490	16QAM	1	0	0	0	1	0	18.74	18.50
39750	39948	64QAM	1	0	0	0	1	0	18.72	18.50
40521	40719	64QAM	1	0	0	0	1	0	18.85	18.50
41292	41490	64QAM	1	0	0	0	1	0	18.80	18.50
39750	39948	QPSK	50	0	0	0	1	0	18.66	18.50
40521	40719	QPSK	50	0	0	0	1	0	18.75	18.50
41292	41490	QPSK	50	0	0	0	1	0	18.70	18.50

2CC LTE Downlink												
Configure	CA Configuration	PCC					SCC				Power	
		Band	BW (MHz)	UL Channel	UL Fre. (MHz)	UL Mode (Modulation/RB/Offset)	Band	BW (MHz)	DL Channel	DL Fre. (MHz)	CA TX (dBm)	Rel.8 TX (dBm)
Intra-band & Inter-band	CA_2A-4A	2	20	18700	1860.0	QPSK/1#0	4	20	2300	2145.0	22.59	22.66
	CA_2A-5A	2	20	18700	1860.0	QPSK/1#0	5	10	2600	889.0	22.60	22.66
	CA_2C-5A	2	20	18801	1870.1	QPSK/1#0	5	10	2600	889.0	22.32	22.66
	CA_2A-5B	2	20	18700	1860.0	QPSK/1#0	12	5	2476	876.6	22.40	22.66
	CA_2A-13A	2	20	18700	1860.0	QPSK/1#0	13	10	5230	751.0	22.59	22.66
	CA_2A-66A	2	20	18700	1860.0	QPSK/1#0	66	20	67236	2190.0	22.64	22.66
	CA_2C-66A	2	20	18801	1870.1	QPSK/1#0	66	20	67236	2190.0	22.30	22.66
	CA_2A-66B	2	20	18700	1860.0	QPSK/1#0	66	10	66936	2160.0	22.32	22.66
	CA_2A-66C	2	20	18700	1860.0	QPSK/1#0	66	20	66985	2164.9	22.28	22.66
	CA_2A-71A	2	20	18700	1860.0	QPSK/1#0	71	20	68786	782	22.55	22.66
	CA_4A-5A	4	20	20050	1720.0	QPSK/1#0	5	10	2600	889.0	22.57	22.81
	CA_4A-5B	4	20	20050	1720.0	QPSK/1#0	5	10	2575	886.5	22.42	22.81
	CA_4A-13A	4	20	20050	1720.0	QPSK/1#0	13	10	5230	751.0	22.60	22.81
	CA_5A-66C	5	10	20450	829.0	QPSK/1#0	66	20	66985	2164.9	22.85	23.33
	CA_5A-66A	5	10	20450	829.0	QPSK/1#0	66	20	67236	2190.0	22.91	23.33
	CA_5B-66A	5	10	20501	834.1	QPSK/1#0	66	20	67236	2190.0	22.94	23.33
	CA_5A-66B	2	10	20450	829.0	QPSK/1#0	66	20	66936	2160.0	22.87	23.33
	CA_13A-66A	13	10	23230	782.0	QPSK/1#0	66	20	67236	2190.0	23.05	23.58
	CA_13A-66B	13	10	23230	782.0	QPSK/1#0	66	20	66936	2160.0	23.09	23.58
	CA_13A-66C	13	10	23230	782.0	QPSK/1#0	66	20	66985	2164.9	23.06	23.58
	CA_2C	2	20	18801	1870.1	QPSK/1#0	2	20	999	1969.9	22.22	22.66
	CA_2A-2A	2	20	18700	1860.0	QPSK/1#0	2	20	1100	1980	22.31	22.66
	CA_4A-4A	4	20	20050	1720.0	QPSK/1#0	4	20	2300	2145.0	22.35	22.81
	CA_5B	5	10	20501	834.1	QPSK/1#0	5	10	2476	876.6	23.68	23.33
	CA_5A-5A	5	10	20450	829.0	QPSK/1#0	5	10	2600	889.0	23.70	23.33
	CA_66A-66B	66	20	132072	1720.0	QPSK/1#0	66	20	66936	2160.0	22.27	22.75
	CA_66A-66C	66	20	132072	1720.0	QPSK/1#0	66	20	66985	2164.9	22.25	22.75
	CA_66A-66A	66	20	132072	1720.0	QPSK/1#0	66	20	67036	2170.0	22.34	22.75
	CA_66B	66	20	132373	1750.1	QPSK/1#0	66	20	66936	2160.0	22.30	22.75
	CA_66C	66	20	132323	1745.1	QPSK/1#0	66	20	66985	2164.9	22.33	22.75
	CA_66D	66	20	132072	1720.0	QPSK/1#0	66	20	66932	2159.6	22.29	22.75

3CC LTE Downlink																
Configure	CA Configuration	PCC					SCC1				SCC2				Power	
		Band	BW (MHz)	UL Channel	UL Fre. (MHz)	UL Mode (Modulation/RB/Offset)	Band	BW (MHz)	DL Channel	DL Fre. (MHz)	Band	BW (MHz)	DL Channel	DL Fre. (MHz)	CA TX (dBm)	Rel.8 TX (dBm)
Intra-band & Inter-band	CA_2A-2A-4A	2	20	18700	1860	QPSK/1#0	2	20	1100	1980	4	20	2300	2145	22.20	22.66
	CA_2A-2A-5A	2	20	18700	1860	QPSK/1#0	2	20	1100	1980	5	10	2600	889.0	22.25	22.66
	CA_2A-2A-13A	2	20	18700	1860	QPSK/1#0	2	20	1100	1980	13	10	5230	751.0	22.31	22.66
	CA_2A-2A-66A	2	20	18700	1860	QPSK/1#0	2	20	1100	1980	66	20	67236	2190.0	22.21	22.66
	CA_2A-4A-4A	2	20	18700	1860	QPSK/1#0	4	20	2050	2120.0	4	10	2300	2145.0	22.32	22.66
	CA_2A-4A-5A	2	20	18700	1860	QPSK/1#0	4	20	2300	2145.0	5	10	2600	889.0	22.19	22.66
	CA_2A-4A-13A	2	20	18700	1860	QPSK/1#0	4	20	2300	2145.0	13	10	5230	751.0	22.27	22.66
	CA_2A-5A-66A	2	20	18700	1860	QPSK/1#0	5	10	2600	889.0	66	20	67360	2190	22.24	22.66
	CA_2A-13A-66A	2	20	18700	1860	QPSK/1#0	13	10	5230	751.0	66	20	67360	2190	22.32	22.66
	CA_2A-66A-66A	2	20	18700	1860	QPSK/1#0	66	20	66536	2120.0	66	20	67236	2190.0	22.28	22.66
	CA_4A-4A-5A	4	20	20050	1720.0	QPSK/1#0	4	20	2300	2145.0	5	10	2600	889.0	22.36	22.81
	CA_4A-4A-13A	4	20	20050	1720.0	QPSK/1#0	4	20	2300	2145.0	13	10	5230	751.0	22.29	22.81
	CA_5A-5A-66A	5	10	20450	829.0	QPSK/1#0	5	10	2600	889.0	66	20	67236	2190.0	23.66	23.33
	CA_5A-66A-66A	5	10	20450	829.0	QPSK/1#0	66	20	66536	2120.0	66	20	67236	2190.0	23.59	23.33
	CA_13A-66A-66A	13	10	23230	782.0	QPSK/1#0	66	20	66536	2120.0	66	20	67236	2190.0	23.74	23.58

2.4GHz WLAN ANT 1

2.4GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Limit	Power Setting	Duty Cycle %
	802.11a 54Mbps	CH 1	2412	14.01	13.00	13.00	99.19
		CH 6	2437	13.97	14.00	13.00	
		CH 11	2462	13.97	14.00	13.00	
	802.11g 54Mbps	CH 1	2412	13.98	13.00	13.00	95.04
		CH 6	2437	13.45	14.00	13.00	
		CH 11	2462	13.41	14.00	13.00	
	802.11n HT20 MCS0	CH 1	2412	13.95	13.00	13.00	94.97
		CH 6	2437	13.32	14.00	13.00	
		CH 11	2462	13.16	14.00	13.00	
	802.11n HT40 MCS0	CH 3	2422	14.64	13.00	13.00	90.28
		CH 6	2437	13.54	13.00	13.00	
		CH 9	2442	16.70	13.00	13.00	

5GHz WLAN ANT 1

5.2GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Limit	Power Setting	Duty Cycle %
	802.11a 54Mbps	CH 36	5180	11.81	12.00	13.00	95.48
		CH 44	5220	12.17	12.00	13.00	
		CH 48	5240	12.19	13.00	13.00	
	802.11n HT20 MCS0	CH 36	5180	11.62	12.00	13.00	95.00
		CH 44	5220	11.91	12.00	13.00	
		CH 48	5240	11.90	12.00	13.00	
	802.11n HT40 MCS0	CH 36	5180	12.20	13.00	13.00	90.76
		CH 48	5240	12.32	13.00	13.00	
		CH 56	5180	11.47	13.00	13.00	
	802.11ac VHT20 MCS0	CH 44	5220	11.68	12.00	13.00	95.00
		CH 48	5240	11.97	12.00	13.00	
		CH 56	5180	12.08	13.00	13.00	
	802.11ac VHT40 MCS0	CH 48	5240	12.34	13.00	13.00	83.26
		CH 42	5210	12.91	13.00	13.00	

5GHz WLAN ANT 1

5.2GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Limit	Power Setting	Duty Cycle %
	802.11a 54Mbps	CH 146	5745	14.22	15.00	13.00	95.48
		CH 157	5785	13.97	13.00	13.00	
		CH 165	5825	12.16	13.00	13.00	
	802.11n HT20 MCS0	CH 146	5745	13.97	14.00	13.00	95.00
		CH 157	5785	11.85	12.00	13.00	
		CH 165	5825	11.96	13.00	13.00	
	802.11n HT40 MCS0	CH 151	5755	14.00	13.00	13.00	90.76
		CH 156	5760	12.20	13.00	13.00	
		CH 149	5745	13.55	14.00	13.00	
	802.11ac VHT20 MCS0	CH 157	5785	11.90	12.00	13.00	95.00
		CH 165	5825	11.66	12.00	13.00	
		CH 151	5755	14.48	13.00	13.00	
	802.11ac VHT40 MCS0	CH 156	5760	11.80	12.00	13.00	83.26
		CH 155	5775	14.46	13.00	13.00	

2.4GHz WLAN ANT 2

2.4GHz WLAN ANT 2	Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Limit	Power Setting	Duty Cycle %
	802.11a 54Mbps	CH 1	2412	13.40	14.00	13.00	99.19
		CH 6	2437	13.76	14.00	13.00	
		CH 11	2462	13.20	14.00	13.00	
	802.11g 54Mbps	CH 1	2412	13.00	14.00	13.00	95.04
		CH 6	2437	13.24	14.00	13.00	
		CH 11	2462	12.81	13.00	13.00	
	802.11n HT20 MCS0	CH 1	2412	12.76	13.00	13.00	94.97
		CH 6	2437	13.00	14.00	13.00	
		CH 11	2462	10.90	11.00	13.00	
	802.11n HT40 MCS0	CH 3	2422	12.77	13.00	13.00	90.28
		CH 6	2437	12.68	13.00	13.00	
		CH 9	2442	11.95	12.00	13.00	

5.2GHz WLAN ANT 2

5.2GHz WLAN ANT 2	Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Limit	Power Setting	Duty Cycle %
	802.11a 54Mbps	CH 36	5180	11.21	12.00	11.00	95.48
		CH 44	5220	11.45	12.00	11.00	
		CH 48	5240	11.47	12.00	11.00	
	802.11n HT20 MCS0	CH 36	5180	10.90	11.00	11.00	95.00
		CH 44	5220	11.19	12.00	11.00	
		CH 48	5240	11.20	12.00	11.00	
	802.11n HT40 MCS0	CH 36	5180	11.39	12.00	11.00	90.76
		CH 48	5240	11.84	12.00	11.00	
		CH 56	5180	10.46	11.00	11.00	
	802.11ac VHT20 MCS0	CH 44	5220	11.17	12.00	11.00	95.00
		CH 48	5240	11.28	12.00	11.00	
		CH 56	5180	11.43	12.00	11.00	
	802.11ac VHT40 MCS0	CH 48	5240	11.46	12.00	11.00	83.26
		CH 42	5210	11.22	12.00	11.00	

5.8 WLAN ANT 2

5.8GHz WLAN ANT 2	Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Limit	Power Setting	Duty Cycle %
	802.11a 54Mbps	CH 146	5745	12.05	13.00	11.00	95.48
		CH 157	5785	10.10	10.00	11.00	
		CH 165	5825	12.41	13.00	11.00	
	802.11n HT20 MCS0	CH 146	5745	11.82	12.00	11.00	95.00
		CH 157	5785	11.77	12.00	11.00	
		CH 165	5825	12.16	13.00	11.00	
	802.11n HT40 MCS0	CH 151	5755	12.20	13.00	11.00	90.76
		CH 156	5760	12.11	13.00	11.00	
		CH 149	5745	11.78	12.00	11.00	
	802.11ac VHT20 MCS0	CH 157	5785	11.81	12.00	11.00	95.00
		CH 165	5825	12.07	12.00	11.00	
		CH 151	5755	12.25	13.00	11.00	
	802.11ac VHT40 MCS0	CH 156	5760	12.16	13.00	11.00	83.26
		CH 155	5775	12.35	13.00	11.00	

2.4GHz WLAN ANT 1+2

2.4GHz WLAN ANT 1+2	Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Limit	Duty Cycle %
	802.11a 54Mbps	CH 1	2412	N/A	N/A	N/A
		CH 6	2437	N/A	N/A	
		CH 11	2462	N/A	N/A	
	802.11g 54Mbps	CH 1	2412	N/A	N/A	N/A
		CH 6	2437	N/A	N/A	
		CH 11	2462	N/A	N/A	
	802.11n HT20 MCS0	CH 1	2412	15.91	16.00	94.97
		CH 6	2437	16.30	17.00	
		CH 11	2462	15.44	16.00	
	802.11n HT40 MCS0	CH 3	2422	17.24	18.00	90.28
		CH 6	2437	16.90	17.00	
		CH 9	2442	14.77	16.00	

5.2GHz WLAN ANT 1+2

5.2GHz WLAN ANT 1+2	Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Limit	Duty Cycle %
	802.11a 54Mbps	CH 36	5180	N/A	N/A	N/A
		CH 44	5220	N/A	N/A	
		CH 48	5240	N/A	N/A	
	802.11n HT20 MCS0	CH 36	5180	14.47	15.00	95.00
		CH 44	5220	14.77	15.00	
		CH 48	5240	14.77	15.00	
	802.11n HT40 MCS0	CH 36	5180	15.19	16.00	90.76
		CH 48	5240	15.44	16.00	
		CH 56	5180	14.47	15.00	
	802.11ac VHT20 MCS0	CH 44	5220	14.77	15.00	95.00
		CH 48	5240	14.91	15.00	
		CH 56	5180	15.58	16.00	
	802.11ac VHT40 MCS0	CH 48	5240	15.86	16.00	83.26
		CH 42	5210	12.91	13.00	

5.8 WLAN ANT 1+2

5.8GHz WLAN ANT 1+2	Mode	Channel	Frequency (MHz)	Average power (dBm)	Transmit Limit	Duty Cycle %
	802.11a 54Mbps	CH 146	5745	N/A	N/A	N/A
		CH 157	5785	N/A	N/A	
		CH 165	5825	N/A	N/A	
	802.11n HT20 MCS0	CH 146	5745	16.23	17.00	95.00
		CH 157	5785	15.05	16.00	
		CH 165	5825	15.91	16.00	
	802.11n HT40 MCS0	CH 151	5755	16.98	17.00	90.76
		CH 156	5760	15.08	16.00	
		CH 149	5745	16.22	17.00	
	802.11ac VHT20 MCS0	CH 157	5785	15.05	16.00	95.00
		CH 165	5825	15.19	16.00	
		CH 151	5755	17.20	18.00	
	802.11ac VHT40 MCS0	CH 156	5760	15.80	16.00	83.26
		CH 155	5775	16.86	16.00	