



REPORT No.: SZ24060206S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

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

Conducted Power

GSM850		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.30	32.31	32.28	33.00	23.30	23.31	23.28	24.00
GPRS 1 Tx slot		32.28	32.29	32.26	33.00	23.28	23.29	23.26	24.00
GPRS 2 Tx slots		31.30	31.35	31.29	32.00	25.30	25.35	25.29	26.00
GPRS 3 Tx slots		29.21	29.25	29.23	30.00	24.95	24.99	24.97	25.74
GPRS 4 Tx slots		27.80	27.84	27.82	28.50	24.80	24.84	24.82	25.50
EDGE 1 Tx slot		26.55	26.58	26.51	27.50	17.55	17.58	17.51	18.50
EDGE 2 Tx slots		25.24	25.26	25.20	26.00	19.24	19.26	19.20	20.00
EDGE 3 Tx slots		23.53	23.58	23.55	24.50	19.27	19.32	19.29	20.24
EDGE 4 Tx slots		22.35	22.37	22.33	23.50	19.35	19.37	19.33	20.50
Mode			Max.	32.31			Max.	25.35	
Attenuator		Cable Loss : 0.6							

GSM1900		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		29.80	29.82	29.78	30.50	20.80	20.82	20.78	21.50
GPRS 1 Tx slot		29.76	29.79	29.75	30.50	20.76	20.79	20.75	21.50
GPRS 2 Tx slots		28.80	28.86	28.83	29.50	22.80	22.86	22.83	23.50
GPRS 3 Tx slots		26.80	26.83	26.79	27.50	22.54	22.57	22.53	23.24
GPRS 4 Tx slots		25.66	25.69	25.67	26.50	22.66	22.69	22.67	23.50
EDGE 1 Tx slot		27.71	27.75	27.68	28.50	18.71	18.75	18.68	19.50
EDGE 2 Tx slots		26.40	26.43	26.46	27.50	20.40	20.43	20.46	21.50
EDGE 3 Tx slots		24.00	24.07	23.98	25.00	19.74	19.81	19.72	20.74
EDGE 4 Tx slots		22.86	22.80	22.82	23.50	19.86	19.80	19.82	20.50
Mode			Max.	29.82			Max.	22.86	
Attenuator		Cable Loss : 0.8							

Band		WCDMA Band II (dBm)			Tune-up Limit (dBm)	WCDMA Band V (dBm)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	22.12	22.15	22.10	23.00	23.19	23.23	23.20	24.00
3GPP Rel 5	HSDPA Subtest-1	21.12	20.75	20.33	22.00	22.17	22.04	22.10	23.00
3GPP Rel 5	HSDPA Subtest-2	21.13	20.81	20.37	22.00	22.06	22.02	22.12	23.00
3GPP Rel 5	HSDPA Subtest-3	20.71	20.36	19.90	21.50	21.68	21.58	21.65	22.50
3GPP Rel 5	HSDPA Subtest-4	20.67	20.33	19.87	21.50	21.68	21.52	21.64	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.12	20.77	20.39	22.00	22.19	22.10	22.12	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.10	20.79	20.37	22.00	22.23	22.08	22.11	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.63	20.29	19.88	21.50	21.74	21.58	21.64	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.61	20.27	19.91	21.50	21.72	21.59	21.64	22.50
3GPP Rel 6	HSUPA Subtest-1	21.13	20.33	19.93	21.50	21.65	21.52	21.61	22.50
3GPP Rel 6	HSUPA Subtest-2	21.10	20.76	20.37	22.00	22.13	22.03	22.10	23.00
3GPP Rel 6	HSUPA Subtest-3	20.24	19.81	19.45	21.00	21.19	21.08	21.13	22.00
3GPP Rel 6	HSUPA Subtest-4	21.22	20.77	20.37	22.00	22.12	22.04	22.09	23.00
3GPP Rel 6	HSUPA Subtest-5	20.21	19.82	19.39	21.00	21.15	21.05	21.11	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.23	19.80	19.38	21.00	21.15	21.05	21.08	22.00
Attenuator			Cable Loss	0.8			Cable Loss	0.6	
Mode			Max.	22.15			Max.	23.23	

Band 5 (Cellular 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	24.5
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.58	23.63	23.62	24.5
10	QPSK	1	25	23.49	23.55	23.52	
10	QPSK	1	49	23.44	23.53	23.50	
10	QPSK	25	0	22.58	22.62	22.55	23.5
10	QPSK	25	12	22.45	22.48	22.41	
10	QPSK	25	25	22.41	22.45	22.39	
10	QPSK	50	0	22.40	22.44	22.38	23.5
10	16QAM	1	0	22.34	22.41	22.37	
10	16QAM	1	25	22.33	22.38	22.34	
10	16QAM	1	49	22.22	22.26	22.18	22.5
10	16QAM	25	0	21.41	21.47	21.42	
10	16QAM	25	12	21.41	21.43	21.40	
10	16QAM	25	25	21.37	21.41	21.37	22.5
10	16QAM	50	0	21.33	21.39	21.31	
10	64QAM	1	0	21.24	21.33	21.32	
10	64QAM	1	25	21.26	21.30	21.26	22.5
10	64QAM	1	49	21.23	21.25	21.19	
10	64QAM	25	0	20.54	20.56	20.47	
10	64QAM	25	12	20.51	20.53	20.43	21.5
10	64QAM	25	25	20.55	20.57	20.54	
10	64QAM	50	0	20.45	20.55	20.51	
Channel				20425	20525	20625	24.5
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.52	23.57	23.56	24.5
5	QPSK	1	12	23.43	23.49	23.46	
5	QPSK	1	24	23.38	23.47	23.44	
5	QPSK	12	0	22.52	22.56	22.49	23.5
5	QPSK	12	7	22.39	22.42	22.35	
5	QPSK	12	13	22.35	22.39	22.33	
5	QPSK	25	0	22.34	22.38	22.32	23.5
5	16QAM	1	0	22.28	22.35	22.31	
5	16QAM	1	12	22.27	22.32	22.28	
5	16QAM	1	24	22.16	22.20	22.12	22.5
5	16QAM	12	0	21.35	21.41	21.36	
5	16QAM	12	7	21.35	21.37	21.34	
5	16QAM	12	13	21.31	21.35	21.31	22.5
5	16QAM	25	0	21.27	21.33	21.25	
5	64QAM	1	0	21.18	21.27	21.26	
5	64QAM	1	12	21.20	21.24	21.20	22.5
5	64QAM	1	24	21.17	21.19	21.13	
5	64QAM	12	0	20.48	20.50	20.41	
5	64QAM	12	7	20.45	20.47	20.37	21.5
5	64QAM	12	13	20.49	20.51	20.48	
5	64QAM	25	0	20.39	20.49	20.45	
Channel				20415	20525	20635	24.5
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.49	23.54	23.53	24.5
3	QPSK	1	8	23.40	23.46	23.43	
3	QPSK	1	14	23.35	23.44	23.41	
3	QPSK	8	0	22.49	22.53	22.46	23.5
3	QPSK	8	4	22.36	22.39	22.32	
3	QPSK	8	7	22.32	22.36	22.30	
3	QPSK	15	0	22.31	22.35	22.29	23.5
3	16QAM	1	0	22.25	22.32	22.28	
3	16QAM	1	8	22.24	22.29	22.25	
3	16QAM	1	14	22.13	22.17	22.09	22.5
3	16QAM	8	0	21.32	21.38	21.33	
3	16QAM	8	4	21.32	21.34	21.31	
3	16QAM	8	7	21.28	21.32	21.28	22.5
3	16QAM	15	0	21.24	21.30	21.22	
3	64QAM	1	0	21.15	21.24	21.23	
3	64QAM	1	8	21.17	21.21	21.17	22.5
3	64QAM	1	14	21.14	21.16	21.10	
3	64QAM	8	0	20.45	20.47	20.38	
3	64QAM	8	4	20.42	20.44	20.34	21.5
3	64QAM	8	7	20.46	20.48	20.45	
3	64QAM	15	0	20.36	20.46	20.42	
Channel				20407	20525	20643	24.5
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.47	23.52	23.51	24.5
1.4	QPSK	1	3	23.38	23.44	23.41	
1.4	QPSK	1	5	23.33	23.42	23.39	
1.4	QPSK	3	0	22.47	22.51	22.44	23.5
1.4	QPSK	3	1	22.34	22.37	22.30	
1.4	QPSK	3	3	22.30	22.34	22.28	
1.4	QPSK	6	0	22.29	22.33	22.27	23.5
1.4	16QAM	1	0	22.23	22.30	22.26	
1.4	16QAM	1	3	22.22	22.27	22.23	
1.4	16QAM	1	5	22.11	22.15	22.07	23.5
1.4	16QAM	3	0	21.30	21.36	21.31	
1.4	16QAM	3	1	21.30	21.32	21.29	
1.4	16QAM	3	3	21.26	21.30	21.26	22.5
1.4	16QAM	6	0	21.22	21.28	21.20	
1.4	64QAM	1	0	21.13	21.22	21.21	
1.4	64QAM	1	3	21.15	21.19	21.15	22.5
1.4	64QAM	1	5	21.12	21.14	21.08	
1.4	64QAM	3	0	20.43	20.45	20.36	
1.4	64QAM	3	1	20.40	20.42	20.32	21.5
1.4	64QAM	3	3	20.44	20.46	20.43	
1.4	64QAM	6	0	20.34	20.44	20.40	

Band 7 (2600MHz Band) (dBm) Part 27							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				20850	21100	21350	22.5
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	21.41	21.47	21.41	22.5
20	QPSK	1	49	21.37	21.46	21.31	
20	QPSK	1	99	21.19	21.45	21.31	
20	QPSK	50	0	20.39	20.54	20.47	21.5
20	QPSK	50	24	20.51	20.52	20.48	
20	QPSK	50	50	20.51	20.53	20.42	
20	QPSK	100	0	20.41	20.51	20.41	21.5
20	16QAM	1	0	20.04	20.15	20.08	
20	16QAM	1	49	20.39	20.38	20.38	
20	16QAM	1	99	20.35	20.37	20.23	20.5
20	16QAM	50	0	19.53	19.51	19.48	
20	16QAM	50	24	19.58	19.58	19.56	
20	16QAM	50	50	19.49	19.48	19.50	20.5
20	16QAM	100	0	19.37	19.43	19.35	
20	64QAM	1	0	19.42	19.48	19.42	
20	64QAM	1	49	19.53	19.54	19.41	20.5
20	64QAM	1	99	19.55	19.58	19.57	
20	64QAM	50	0	18.39	18.48	18.54	
20	64QAM	50	24	18.45	18.55	18.51	19.5
20	64QAM	50	50	18.47	18.46	18.49	
20	64QAM	100	0	18.44	18.55	18.48	
Channel				20825	21100	21375	22.5
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	21.37	21.43	21.37	22.5
15	QPSK	1	37	21.33	21.42	21.27	
15	QPSK	1	74	21.15	21.41	21.27	
15	QPSK	36	0	20.35	20.47	20.43	21.5
15	QPSK	36	20	20.47	20.48	20.44	
15	QPSK	36	39	20.47	20.49	20.38	
15	QPSK	75	0	20.37	20.47	20.37	21.5
15	16QAM	1	0	20.00	20.11	20.04	
15	16QAM	1	37	20.35	20.34	20.34	
15	16QAM	1	74	20.31	20.33	20.19	20.5
15	16QAM	36	0	19.49	19.47	19.44	
15	16QAM	36	20	19.54	19.54	19.52	
15	16QAM	36	39	19.45	19.44	19.46	20.5
15	16QAM	75	0	19.33	19.39	19.31	
15	64QAM	1	0	19.38	19.44	19.38	
15	64QAM	1	37	19.49	19.50	19.37	20.5
15	64QAM	1	74	19.51	19.54	19.53	
15	64QAM	36	0	18.35	18.44	18.50	
15	64QAM	36	20	18.41	18.51	18.47	19.5
15	64QAM	36	39	18.43	18.42	18.45	
15	64QAM	75	0	18.40	18.51	18.44	
Channel				20800	21100	21400	22.5
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	21.32	21.38	21.32	22.5
10	QPSK	1	25	21.28	21.37	21.22	
10	QPSK	1	49	21.10	21.36	21.22	
10	QPSK	25	0	20.30	20.42	20.38	21.5
10	QPSK	25	12	20.42	20.43	20.39	
10	QPSK	25	25	20.42	20.44	20.33	
10	QPSK	50	0	20.32	20.42	20.32	21.5
10	16QAM	1	0	19.95	20.06	19.99	
10	16QAM	1	25	20.30	20.29	20.29	
10	16QAM	1	49	20.26	20.28	20.14	20.5
10	16QAM	25	0	19.44	19.42	19.39	
10	16QAM	25	12	19.49	19.49	19.47	
10	16QAM	25	25	19.40	19.39	19.41	20.5
10	16QAM	50	0	19.28	19.34	19.26	

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	21.55	21.66	21.63	22.5
20	QPSK	1	49	21.53	21.54	21.45	
20	QPSK	1	99	21.51	21.60	21.58	
20	QPSK	50	0	20.65	20.72	20.69	21.5
20	QPSK	50	24	20.41	20.48	20.38	
20	QPSK	50	50	20.46	20.50	20.41	
20	QPSK	100	0	20.48	20.49	20.47	21.5
20	16QAM	1	0	20.44	20.45	20.36	
20	16QAM	1	49	20.38	20.40	20.38	
20	16QAM	1	99	20.34	20.38	20.31	20.5
20	16QAM	50	0	19.72	19.76	19.67	
20	16QAM	50	24	19.69	19.70	19.60	
20	16QAM	50	50	19.64	19.74	19.73	20.5
20	16QAM	100	0	19.61	19.66	19.57	
20	64QAM	1	0	19.50	19.51	19.41	
20	64QAM	1	49	19.45	19.50	19.41	20.5
20	64QAM	1	99	19.39	19.47	19.44	
20	64QAM	50	0	18.80	18.82	18.80	
20	64QAM	50	24	18.73	18.80	18.73	19.5
20	64QAM	50	50	18.74	18.77	18.70	
20	64QAM	100	0	18.70	18.79	18.73	
Channel				37825	38000	38175	
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.50	21.61	21.58	22.5
15	QPSK	1	37	21.48	21.49	21.40	
15	QPSK	1	74	21.46	21.55	21.53	
15	QPSK	36	0	20.60	20.67	20.64	21.5
15	QPSK	36	20	20.36	20.43	20.33	
15	QPSK	36	39	20.41	20.45	20.36	
15	QPSK	75	0	20.43	20.44	20.42	21.5
15	16QAM	1	0	20.39	20.40	20.31	
15	16QAM	1	37	20.33	20.35	20.33	
15	16QAM	1	74	20.29	20.33	20.26	20.5
15	16QAM	36	0	19.67	19.71	19.62	
15	16QAM	36	20	19.64	19.65	19.55	
15	16QAM	36	39	19.59	19.69	19.68	20.5
15	16QAM	75	0	19.56	19.61	19.52	
15	64QAM	1	0	19.45	19.46	19.36	
15	64QAM	1	37	19.40	19.45	19.36	20.5
15	64QAM	1	74	19.34	19.42	19.39	
15	64QAM	36	0	18.75	18.77	18.75	
15	64QAM	36	20	18.68	18.75	18.68	19.5
15	64QAM	36	39	18.69	18.72	18.65	
15	64QAM	75	0	18.65	18.74	18.68	
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.46	21.57	21.54	22.5
10	QPSK	1	25	21.44	21.45	21.36	
10	QPSK	1	49	21.42	21.51	21.49	
10	QPSK	25	0	20.56	20.63	20.60	21.5
10	QPSK	25	12	20.32	20.39	20.29	
10	QPSK	25	25	20.37	20.41	20.32	
10	QPSK	50	0	20.39	20.40	20.38	21.5
10	16QAM	1	0	20.35	20.36	20.27	
10	16QAM	1	25	20.29	20.31	20.29	
10	16QAM	1	49	20.25	20.29	20.22	20.5
10	16QAM	25	0	19.63	19.67	19.58	
10	16QAM	25	12	19.60	19.61	19.51	
10	16QAM	25	25	19.55	19.65	19.64	20.5
10	16QAM	50	0	19.52	19.57	19.48	
10	64QAM	1	0	19.41	19.42	19.32	
10	64QAM	1	25	19.36	19.41	19.32	19.5
10	64QAM	1	49	19.30	19.38	19.35	
10	64QAM	25	0	18.71	18.73	18.71	
10	64QAM	25	12	18.64	18.71	18.64	19.5
10	64QAM	25	25	18.65	18.68	18.61	
10	64QAM	50	0	18.61	18.70	18.64	
Channel				37775	38000	38225	
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.40	21.51	21.48	22.5
5	QPSK	1	12	21.38	21.39	21.30	
5	QPSK	1	24	21.36	21.45	21.43	
5	QPSK	12	0	20.50	20.57	20.54	21.5
5	QPSK	12	7	20.26	20.33	20.23	
5	QPSK	12	13	20.31	20.35	20.26	
5	QPSK	25	0	20.33	20.34	20.32	21.5
5	16QAM	1	0	20.29	20.30	20.21	
5	16QAM	1	12	20.23	20.25	20.23	
5	16QAM	1	24	20.19	20.23	20.16	20.5
5	16QAM	12	0	19.57	19.61	19.52	
5	16QAM	12	7	19.54	19.55	19.45	
5	16QAM	12	13	19.49	19.59	19.58	20.5
5	16QAM	25	0	19.46	19.51	19.42	
5	64QAM	1	0	19.35	19.36	19.26	
5	64QAM	1	12	19.30	19.35	19.26	19.5
5	64QAM	1	24	19.24	19.32	19.29	
5	64QAM	12	0	18.65	18.67	18.55	
5	64QAM	12	7	18.58	18.65	18.58	19.5
5	64QAM	12	13	18.59	18.62	18.55	
5	64QAM	25	0	18.55	18.64	18.58	

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	22.28			23
10	QPSK	1	25	22.24			
10	QPSK	1	49	22.19			
10	QPSK	25	0	21.41			22
10	QPSK	25	12	21.29			
10	QPSK	25	25	21.33			
10	QPSK	50	0	21.35			22
10	16QAM	1	0	21.38			
10	16QAM	1	25	21.34			
10	16QAM	1	49	21.31			22
10	16QAM	25	0	20.43			
10	16QAM	25	12	20.39			
10	16QAM	25	25	20.30			21
10	16QAM	50	0	20.36			
10	64QAM	1	0	20.37			
10	64QAM	1	25	20.34			21
10	64QAM	1	49	20.28			
10	64QAM	25	0	19.42			
10	64QAM	25	12	19.33			20
10	64QAM	25	25	19.35			
10	64QAM	50	0	19.22			
Channel				38725	38750	38775	
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	22.14	22.17	22.10	23
5	QPSK	1	12	22.09	22.15	22.06	
5	QPSK	1	24	21.99	22.11	22.12	
5	QPSK	12	0	21.28	21.39	21.29	22
5	QPSK	12	7	21.27	21.24	21.11	
5	QPSK	12	13	21.11	21.35	21.13	
5	QPSK	25	0	21.32	21.40	21.19	22
5	16QAM	1	0	21.34	21.32	21.22	
5	16QAM	1	12	21.11	21.08	21.23	
5	16QAM	1	24	21.16	21.17	21.01	21
5	16QAM	12	0	20.26	20.38	20.35	
5	16QAM	12	7	20.09	20.19	20.12	
5	16QAM	12	13	20.12	20.36	20.07	21
5	16QAM	25	0	20.25	20.29	20.26	
5	64QAM	1	0	20.27	20.43	20.26	
5	64QAM	1	12	20.37	20.20	20.20	21
5	64QAM	1	24	20.16	20.21	20.30	
5	64QAM	12	0	19.17	19.34	19.39	
5	64QAM	12	7	19.31	19.32	19.30	20
5	64QAM	12	13	19.29	19.33	19.37	
5	64QAM	25	0	19.09	19.20	19.19	

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			23	
10	QPSK	1	0	22.36				
10	QPSK	1	25	22.32				
10	QPSK	1	49	22.23				
10	QPSK	25	0	21.47			22	
10	QPSK	25	12	21.33				
10	QPSK	25	25	21.38				
10	QPSK	50	0	21.30				
10	16QAM	1	0	21.39			22	
10	16QAM	1	25	21.38				
10	16QAM	1	49	21.29				
10	16QAM	25	0	20.35				
10	16QAM	25	12	20.46			21	
10	16QAM	25	25	20.32				
10	16QAM	50	0	20.39				
10	64QAM	1	0	20.41				
10	64QAM	1	25	20.37			21	
10	64QAM	1	49	20.30				
10	64QAM	25	0	19.49				
10	64QAM	25	12	19.45				
10	64QAM	25	25	19.36			20	
10	64QAM	50	0	19.41				
Channel				39175	39200	39225		Tune-up limit (dBm)
Frequency (MHz)				2352.5	2355	2357.5		
5	QPSK	1	0	22.25	22.28	22.23	23	
5	QPSK	1	12	22.09	22.26	22.12		
5	QPSK	1	24	22.17	22.15	21.99		
5	QPSK	12	0	21.36	21.46	21.43		
5	QPSK	12	7	21.20	21.46	21.23	22	
5	QPSK	12	13	21.26	21.24	21.18		
5	QPSK	25	0	21.20	21.34	21.21		
5	16QAM	1	0	21.36	21.33	21.31		
5	16QAM	1	12	21.21	21.34	21.32	22	
5	16QAM	1	24	21.17	21.18	21.21		
5	16QAM	12	0	20.32	20.37	20.36		
5	16QAM	12	7	20.36	20.23	20.23		
5	16QAM	12	13	20.30	20.21	20.38	21	
5	16QAM	25	0	20.25	20.38	20.19		
5	64QAM	1	0	20.34	20.48	20.26		
5	64QAM	1	12	20.27	20.41	20.27		
5	64QAM	1	24	20.26	20.31	20.24	21	
5	64QAM	12	0	19.25	19.29	19.37		
5	64QAM	12	7	19.21	19.39	19.33		
5	64QAM	12	13	19.28	19.18	19.18		
5	64QAM	25	0	19.11	19.24	19.23	20	

Band 41 (2555~2655MHz) (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				40340	40050	40740	41010	41140	
Frequency (MHz)				2565	2536	2605	2632	2645	
20	QPSK	1	0	21.53	21.57	21.62	21.58	21.56	22.5
20	QPSK	1	49	21.33	21.61	21.51	21.56	21.51	
20	QPSK	1	99	21.31	21.56	21.49	21.46	21.38	
20	QPSK	50	0	20.41	20.62	20.67	20.45	20.46	21.5
20	QPSK	50	24	20.39	20.62	20.51	20.41	20.38	
20	QPSK	50	50	20.38	20.58	20.48	20.39	20.33	
20	QPSK	100	0	20.35	20.56	20.47	20.44	20.31	21.5
20	16QAM	1	0	20.17	20.32	20.22	20.32	20.29	
20	16QAM	1	49	20.14	20.29	20.20	20.29	20.21	
20	16QAM	1	99	20.10	20.23	20.13	20.01	20.09	20.5
20	16QAM	50	0	19.46	19.67	19.60	19.59	19.50	
20	16QAM	50	24	19.44	19.62	19.57	19.54	19.45	
20	16QAM	50	50	19.43	19.59	19.54	19.51	19.49	20.5
20	16QAM	100	0	19.42	19.56	19.44	19.49	19.46	
20	64QAM	1	0	19.18	19.51	19.54	19.57	19.42	
20	64QAM	1	49	19.13	19.46	19.55	19.51	19.39	20.5
20	64QAM	1	99	19.10	19.40	19.25	19.32	19.24	
20	64QAM	50	0	18.52	18.81	18.49	18.68	18.63	
20	64QAM	50	24	18.49	18.76	18.69	18.63	18.54	19.5
20	64QAM	50	50	18.50	18.75	18.72	18.60	18.52	
20	64QAM	100	0	18.39	18.73	18.65	18.56	18.49	
Channel				40315	40045	40740	41030	41165	Tune-up limit (dBm)
Frequency (MHz)				2562.5	2535.5	2605	2634	2647.5	
15	QPSK	1	0	21.48	21.52	21.57	21.53	21.51	22.5
15	QPSK	1	37	21.28	21.56	21.46	21.51	21.46	
15	QPSK	1	74	21.26	21.51	21.44	21.41	21.33	
15	QPSK	36	0	20.36	20.62	20.47	20.40	20.41	21.5
15	QPSK	36	20	20.34	20.57	20.46	20.36	20.33	
15	QPSK	36	39	20.33	20.53	20.43	20.34	20.28	
15	QPSK	75	0	20.30	20.51	20.42	20.39	20.26	21.5
15	16QAM	1	0	20.12	20.27	20.17	20.27	20.24	
15	16QAM	1	37	20.09	20.24	20.15	20.24	20.16	
15	16QAM	1	74	20.05	20.18	20.08	19.96	20.04	20.5
15	16QAM	36	0	19.41	19.62	19.55	19.54	19.45	
15	16QAM	36	20	19.39	19.57	19.52	19.49	19.40	
15	16QAM	36	39	19.38	19.54	19.49	19.46	19.44	20.5
15	16QAM	75	0	19.37	19.51	19.39	19.44	19.41	
15	64QAM	1	0	19.13	19.46	19.49	19.52	19.37	
15	64QAM	1	37	19.08	19.41	19.50	19.46	19.34	20.5
15	64QAM	1	74	19.05	19.35	19.20	19.27	19.19	
15	64QAM	36	0	18.47	18.76	18.44	18.63	18.58	
15	64QAM	36	20	18.44	18.71	18.64	18.58	18.49	19.5
15	64QAM	36	39	18.45	18.70	18.67	18.55	18.47	
15	64QAM	75	0	18.34	18.68	18.60	18.51	18.44	
Channel				40290	40040	40740	41040	41190	Tune-up limit (dBm)
Frequency (MHz)				2560	2535	2605	2635	2650	
10	QPSK	1	0	21.45	21.49	21.54	21.50	21.48	22.5
10	QPSK	1	25	21.25	21.53	21.43	21.48	21.43	
10	QPSK	1	49	21.23	21.48	21.41	21.38	21.30	
10	QPSK	25	0	20.33	20.59	20.44	20.37	20.38	21.5
10	QPSK	25	12	20.31	20.54	20.43	20.33	20.30	
10	QPSK	25	25	20.30	20.50	20.40	20.31	20.25	
10	QPSK	50	0	20.27	20.48	20.39	20.36	20.23	21.5
10	16QAM	1	0	20.09	20.24	20.14	20.24	20.21	
10	16QAM	1	25	20.06	20.21	20.12	20.21	20.13	
10	16QAM	1	49	20.02	20.15	20.05	19.93	20.01	20.5
10	16QAM	25	0	19.38	19.59	19.52	19.51	19.42	
10	16QAM	25	12	19.36	19.54	19.49	19.46	19.37	
10	16QAM	25	25	19.35	19.51	19.46	19.43	19.41	20.5
10	16QAM	50	0	19.34	19.48	19.36	19.41	19.38	
10	64QAM	1	0	19.10	19.43	19.46	19.49	19.34	
10	64QAM	1	25	19.05	19.38	19.47	19.43	19.31	19.5
10	64QAM	1	49	19.02	19.32	19.17	19.24	19.16	
10	64QAM	25	0	18.44	18.73	18.41	18.60	18.55	
10	64QAM	25	12	18.41	18.68	18.61	18.55	18.46	19.5
10	64QAM	25	25	18.42	18.67	18.64	18.52	18.44	
10	64QAM	50	0	18.31	18.65	18.57	18.48	18.41	
Channel				40265	40035	40740	41060	41215	Tune-up limit (dBm)
Frequency (MHz)				2557.5	2534.5	2605	2637	2652.5	
5	QPSK	1	0	21.40	21.44	21.49	21.45	21.43	22.5
5	QPSK	1	12	21.20	21.48	21.38	21.43	21.38	
5	QPSK	1	24	21.18	21.43	21.36	21.33	21.25	
5	QPSK	12	0	20.28	20.54	20.39	20.32	20.33	21.5
5	QPSK	12	7	20.26	20.49	20.38	20.28	20.25	
5	QPSK	12	13	20.25	20.45	20.35	20.26	20.20	
5	QPSK	25	0	20.22	20.43	20.34	20.31	20.18	21.5
5	16QAM	1	0	20.04	20.19	20.09	20.19	20.16	
5	16QAM	1	12	20.01	20.16	20.07	20.16	20.08	
5	16QAM	1	24	19.97	20.10	20.00	19.88	19.96	20.5
5	16QAM	12	0	19.33	19.54	19.47	19.46	19.37	
5	16QAM	12	7	19.31	19.49	19.44	19.41	19.32	
5	16QAM	12	13	19.30	19.46	19.41	19.38	19.36	20.5
5	16QAM	25	0	19.29	19.43	19.31	19.36	19.33	
5	64QAM	1	0	19.05	19.38	19.41	19.44	19.29	
5	64QAM	1	12	19.00	19.33	19.42	19.38	19.26	19.5
5	64QAM	1	24	18.97	19.27	19.12	19.19	19.11	
5	64QAM	12	0	18.39	18.68	18.36	18.55	18.50	
5	64QAM	12	7	18.36	18.63	18.56	18.50	18.41	19.5
5	64QAM	12	13	18.37	18.62	18.59	18.47	18.39	
5	64QAM	25	0	18.26	18.60	18.52	18.43	18.36	

2.4GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN ANT 1	802.11b 1Mbps	CH 1	2412	13.99	15.00	default
		CH 6	2437	15.40	16.00	default
		CH 11	2462	16.71	16.50	default
	802.11g 6Mbps	CH 1	2412	11.99	13.00	default
		CH 6	2437	13.52	14.50	default
		CH 11	2462	14.46	15.00	default
	802.11n-HT20 MCS0	CH 1	2412	12.33	13.00	default
		CH 6	2437	14.30	15.00	default
		CH 11	2462	14.73	15.50	default
	802.11n-HT40 MCS0	CH 3	2422	12.35	13.00	default
		CH 6	2437	14.12	15.00	default
		CH 9	2452	14.18	15.00	default

5GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.2GHz WLAN ANT 1	802.11a 6Mbps	CH 36	5180	13.00	14.00	default
		CH 44	5220	12.43	13.00	default
		CH 48	5240	11.93	12.50	default
	802.11n-HT20 MCS0	CH 36	5180	14.42	15.00	default
		CH 44	5220	14.00	14.50	default
		CH 48	5240	13.41	14.00	default
	802.11n-HT40 MCS0	CH 38	5190	14.10	15.00	default
		CH 46	5230	13.50	14.50	default
		CH 36	5180	14.20	15.00	default
	802.11ac-VHT20 MCS0	CH 44	5220	13.94	15.00	default
		CH 48	5240	13.42	14.50	default
		CH 38	5190	14.10	15.00	default
	802.11ac-VHT40 MCS0	CH 46	5230	13.40	14.00	default
		CH 42	5210	13.93	14.50	default

5GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN ANT 1	802.11a 6Mbps	CH 52	5260	11.05	12.00	default
		CH 60	5300	10.45	11.00	default
		CH 64	5320	9.76	10.50	default
	802.11n-HT20 MCS0	CH 52	5260	12.41	13.00	default
		CH 60	5300	11.79	12.50	default
		CH 64	5320	11.08	12.00	default
	802.11n-HT40 MCS0	CH 54	5270	12.04	13.00	default
		CH 62	5310	11.45	12.00	default
		CH 52	5260	12.50	13.50	default
	802.11ac-VHT20 MCS0	CH 60	5300	11.97	13.00	default
		CH 64	5320	11.35	12.50	default
		CH 54	5270	11.91	12.50	default
	802.11ac-VHT40 MCS0	CH 62	5310	11.36	12.50	default
		CH 58	5290	11.89	12.50	default

5GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.5GHz WLAN ANT 1	802.11a 6Mbps	CH 100	5500	10.99	12.00	default
		CH 116	5580	11.85	12.50	default
		CH 144	5720	11.01	12.00	default
	802.11n-HT20 MCS0	CH 100	5500	11.99	12.50	default
		CH 116	5580	13.02	14.00	default
		CH 144	5720	12.48	13.00	default
	802.11n-HT40 MCS0	CH 102	5510	12.13	13.00	default
		CH 110	5550	12.32	13.00	default
		CH 142	5710	12.31	13.00	default
	802.11ac-VHT20 MCS0	CH 100	5500	12.28	13.00	default
		CH 116	5580	13.36	14.00	default
		CH 144	5720	12.31	13.00	default
	802.11ac-VHT40 MCS0	CH 102	5510	12.09	13.00	default
		CH 110	5550	12.28	13.00	default
		CH 142	5710	12.31	13.00	default
	802.11ac-VHT80 MCS0	CH 106	5630	12.41	13.00	default
		CH 122	5610	13.33	14.00	default

5GHz WLAN ANT 1

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN ANT 1	802.11a 6Mbps	CH 149	5745	10.99	11.50	default
		CH 157	5785	9.49	10.50	default
		CH 165	5825	8.48	9.50	default
	802.11n-HT20 MCS0	CH 149	5745	12.28	13.00	default
		CH 157	5785	11.11	12.00	default
		CH 165	5825	10.66	12.00	default
	802.11n-HT40 MCS0	CH 151	5755	11.91	13.00	default
		CH 159	5795	10.82	12.00	default
		CH 149	5745	12.12	13.00	default
	802.11ac-VHT20 MCS0	CH 157	5785	10.93	11.50	default
		CH 165	5825	10.45	11.50	default
		CH 151	5755	11.93	12.50	default
	802.11ac-VHT40 MCS0	CH 159	5795	10.62	11.50	default
		CH 155	5775	11.29	12.00	default

Mode	Channel	Frequency (MHz)	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.12	7.53	7.42
		2441	9.89	6.73	6.78
	CH 78	2480	8.67	6.46	6.37
			78.91	77.05	77.17

Mode	Channel	Frequency (MHz)	Average power (dBm)	Average power (dBm)
			GFSK	2M
LE	CH 00	2402	-3.60	-5.27
	CH 19	2440	-3.36	-4.95
	CH 39	2480	-3.78	-5.35
	Turnup Limit		-3	-4
Duty Cycle %			85.2	57.22