



REPORT No.: SZ21100063S01

Annex E 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		32.92	32.95	32.90	33.50	23.92	23.95	23.90	24.50
GPRS 1 Tx slot		32.95	32.95	32.94	33.50	23.95	23.95	23.94	24.50
GPRS 2 Tx slots		30.42	30.51	30.40	31.00	24.42	24.51	24.40	25.00
GPRS 3 Tx slots		28.81	28.69	28.51	29.00	24.55	24.43	24.25	24.74
GPRS 4 Tx slots		26.75	27.02	26.80	27.50	23.75	24.02	23.80	24.50
EDGE 1 Tx slot		26.10	26.26	26.16	27.00	17.10	17.26	17.16	18.00
EDGE 2 Tx slots		25.10	25.26	25.32	26.00	19.10	19.26	19.32	20.00
EDGE 3 Tx slots		22.55	22.88	22.65	23.50	18.29	18.62	18.39	19.24
EDGE 4 Tx slots		21.48	21.54	21.44	22.00	18.48	18.54	18.44	19.00
Mode			Max.	32.95			Max.	24.55	
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		29.92	30.01	29.88	30.50	20.92	21.01	20.88	21.50
GPRS 1 Tx slot		29.95	30.06	29.87	30.50	20.95	21.06	20.87	21.50
GPRS 2 Tx slots		27.70	27.78	27.65	28.50	21.70	21.78	21.65	22.50
GPRS 3 Tx slots		26.40	26.66	26.31	27.00	22.14	22.40	22.05	22.74
GPRS 4 Tx slots		25.26	25.41	25.27	26.00	22.26	22.41	22.27	23.00
EDGE 1 Tx slot		25.45	25.60	25.55	26.00	16.45	16.60	16.55	17.00
EDGE 2 Tx slots		24.73	24.84	24.77	25.50	18.73	18.84	18.77	19.50
EDGE 3 Tx slots		22.46	22.52	22.40	23.00	18.20	18.26	18.14	18.74
EDGE 4 Tx slots		20.16	20.32	20.22	21.00	17.16	17.32	17.22	18.00
Mode			Max.	30.06			Max.	22.41	
Attenuator		Cable Loss : 0.8							

Band		WCDMA Band II			Tune-up Limit (dBm)	WCDMA Band V			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	23.81	23.91	23.86	24.50	23.55	23.67	23.58	24.00
3GPP Rel 6	HSDPA Subtest-1	23.09	23.08	23.10	23.50	22.61	22.70	22.63	23.50
3GPP Rel 6	HSDPA Subtest-2	23.25	23.25	23.26	24.00	22.67	22.71	22.72	23.50
3GPP Rel 6	HSDPA Subtest-3	22.89	22.90	22.85	23.50	22.11	22.24	22.26	23.00
3GPP Rel 6	HSDPA Subtest-4	22.88	22.88	22.84	23.50	22.11	22.26	22.27	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.70	23.70	23.73	24.50	23.44	23.46	23.53	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.69	23.82	23.77	24.50	23.43	23.45	23.55	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.75	23.74	23.79	24.00	23.41	23.43	23.49	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	23.77	23.77	23.74	24.00	23.43	23.50	23.54	24.00
3GPP Rel 6	HSUPA Subtest-1	23.51	23.54	23.53	24.00	22.64	22.62	22.61	23.00
3GPP Rel 6	HSUPA Subtest-2	22.91	22.95	22.95	23.50	22.12	22.19	22.17	22.50
3GPP Rel 6	HSUPA Subtest-3	23.31	23.27	23.27	24.00	22.73	22.77	22.75	23.50
3GPP Rel 6	HSUPA Subtest-4	23.34	23.35	23.32	24.00	22.64	22.71	22.70	23.50
3GPP Rel 6	HSUPA Subtest-5	23.48	23.51	23.54	24.00	22.69	22.80	22.80	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	23.69	23.55	23.61	24.00	23.42	23.38	23.43	24.00
Attenuator			Cable Loss	0.8			Cable Loss	0.6	
Mode			Max.	23.91			Max.	23.67	

Band		CDMA2000 BC0			Tune-up Limit (dBm)
TX Channel		1013	384	777	
Frequency (MHz)		824.7	836.52	848.31	
RC1 SO55		23.51	23.72	23.76	24.50
RC3 SO55		23.66	23.71	23.63	24.50
RC3 SO32 (F+SCH)		23.33	23.41	23.46	24.00
RC3 SO32 (+SCH)		23.39	23.47	23.33	24.00
RTAP 153.6Kbps		23.71	23.89	23.74	24.50
RETAP 4096Bits		23.66	23.69	23.78	24.00
RMCTAP 307.2Kbps		23.54	23.57	23.69	24.00
Attenuator			Cable Loss	0.6	
Mode			Max.	23.89	

Band 5 (Celluar Band)

Part 22H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.45	23.56	23.43	24.00
10	QPSK	1	25	23.30	23.51	23.48	
10	QPSK	1	49	23.38	23.41	23.28	
10	QPSK	25	0	22.60	22.65	22.63	23.00
10	QPSK	25	12	22.53	22.44	22.41	
10	QPSK	25	25	22.55	22.49	22.56	
10	QPSK	50	0	22.51	22.65	22.48	
10	16QAM	1	0	22.50	22.51	22.40	23.00
10	16QAM	1	25	22.50	22.22	22.19	
10	16QAM	1	49	22.22	22.28	22.33	
10	16QAM	25	0	21.53	21.46	21.43	22.00
10	16QAM	25	12	21.61	21.51	21.55	
10	16QAM	25	25	21.50	21.50	21.50	
10	16QAM	50	0	21.62	21.49	21.49	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.35	23.52	23.33	24.00
5	QPSK	1	12	23.20	23.50	23.38	
5	QPSK	1	24	23.28	23.31	23.18	
5	QPSK	12	0	22.50	22.55	22.53	23.00
5	QPSK	12	7	22.43	22.34	22.31	
5	QPSK	12	13	22.45	22.39	22.46	
5	QPSK	25	0	22.35	22.45	22.28	
5	16QAM	1	0	22.39	22.40	22.29	23.00
5	16QAM	1	12	22.39	22.11	22.08	
5	16QAM	1	24	22.11	22.17	22.22	
5	16QAM	12	0	21.43	21.36	21.33	22.00
5	16QAM	12	7	21.51	21.41	21.45	
5	16QAM	12	13	21.40	21.40	21.40	
5	16QAM	25	0	21.52	21.39	21.39	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.23	23.40	23.21	24.00
3	QPSK	1	8	23.08	23.38	23.26	
3	QPSK	1	14	23.16	23.19	23.06	
3	QPSK	8	0	22.38	22.43	22.41	23.00
3	QPSK	8	4	22.31	22.22	22.19	
3	QPSK	8	7	22.33	22.27	22.34	
3	QPSK	15	0	22.23	22.33	22.16	
3	16QAM	1	0	22.30	22.31	22.20	23.00
3	16QAM	1	8	22.30	22.02	21.99	
3	16QAM	1	14	22.02	22.08	22.13	
3	16QAM	8	0	21.31	21.24	21.21	22.00
3	16QAM	8	4	21.39	21.29	21.33	
3	16QAM	8	7	21.28	21.28	21.28	
3	16QAM	15	0	21.40	21.27	21.27	

Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.12	23.29	23.10	24.00
1.4	QPSK	1	3	22.97	23.27	23.15	
1.4	QPSK	1	5	23.05	23.08	22.95	
1.4	QPSK	3	0	22.27	22.32	22.30	
1.4	QPSK	3	1	22.20	22.11	22.08	
1.4	QPSK	3	3	22.22	22.16	22.23	
1.4	QPSK	6	0	22.12	22.22	22.05	23.00
1.4	16QAM	1	0	22.19	22.20	22.09	23.00
1.4	16QAM	1	3	22.19	21.91	21.88	
1.4	16QAM	1	5	21.91	21.97	22.02	
1.4	16QAM	3	0	21.20	21.13	21.10	
1.4	16QAM	3	1	21.28	21.18	21.22	
1.4	16QAM	3	3	21.17	21.17	21.17	
1.4	16QAM	6	0	21.29	21.16	21.16	22.00

Band 7 (2600MHz Band)

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	21.74	21.91	21.80	22.50
20	QPSK	1	49	21.68	21.83	21.73	
20	QPSK	1	99	21.70	21.71	21.73	
20	QPSK	50	0	20.70	20.83	20.72	21.50
20	QPSK	50	24	20.62	20.66	20.66	
20	QPSK	50	50	20.65	20.71	20.54	
20	QPSK	100	0	20.58	20.57	20.63	
20	16QAM	1	0	20.89	20.99	21.12	21.50
20	16QAM	1	49	20.86	20.97	20.98	
20	16QAM	1	99	20.79	21.05	20.88	
20	16QAM	50	0	19.67	19.60	19.67	20.50
20	16QAM	50	24	19.68	19.69	19.50	
20	16QAM	50	50	19.75	19.68	19.69	
20	16QAM	100	0	19.63	19.65	19.63	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	21.63	21.80	21.69	22.50
15	QPSK	1	37	21.57	21.72	21.62	
15	QPSK	1	74	21.59	21.60	21.62	
15	QPSK	36	0	20.59	20.72	20.61	21.50
15	QPSK	36	20	20.51	20.55	20.55	
15	QPSK	36	39	20.54	20.60	20.43	
15	QPSK	75	0	20.47	20.46	20.52	
15	16QAM	1	0	20.78	20.88	21.01	21.50
15	16QAM	1	37	20.75	20.86	20.87	
15	16QAM	1	74	20.68	20.94	20.77	
15	16QAM	36	0	19.56	19.49	19.56	20.50
15	16QAM	36	20	19.57	19.58	19.39	
15	16QAM	36	39	19.64	19.57	19.58	
15	16QAM	75	0	19.52	19.54	19.52	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	21.51	21.68	21.57	22.50
10	QPSK	1	25	21.45	21.60	21.50	
10	QPSK	1	49	21.47	21.48	21.50	
10	QPSK	25	0	20.47	20.60	20.49	21.50
10	QPSK	25	12	20.39	20.43	20.43	
10	QPSK	25	25	20.42	20.48	20.31	
10	QPSK	50	0	20.35	20.34	20.40	
10	16QAM	1	0	20.66	20.76	20.89	21.50
10	16QAM	1	25	20.63	20.74	20.75	
10	16QAM	1	49	20.56	20.82	20.65	
10	16QAM	25	0	19.44	19.37	19.44	20.50
10	16QAM	25	12	19.45	19.46	19.27	
10	16QAM	25	25	19.52	19.45	19.46	
10	16QAM	50	0	19.40	19.42	19.40	

Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	21.38	21.55	21.44	22.50
5	QPSK	1	12	21.32	21.47	21.37	
5	QPSK	1	24	21.34	21.35	21.37	
5	QPSK	12	0	20.34	20.47	20.36	21.50
5	QPSK	12	7	20.26	20.30	20.30	
5	QPSK	12	13	20.29	20.35	20.18	
5	QPSK	25	0	20.22	20.21	20.27	
5	16QAM	1	0	20.53	20.63	20.76	21.50
5	16QAM	1	12	20.50	20.61	20.62	
5	16QAM	1	24	20.43	20.69	20.52	
5	16QAM	12	0	19.31	19.24	19.31	20.50
5	16QAM	12	7	19.32	19.33	19.14	
5	16QAM	12	13	19.39	19.32	19.33	
5	16QAM	25	0	19.27	19.29	19.27	

Band 38(only on channel required)

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	22.62	22.73	22.64	23.50
20	QPSK	1	49	22.57	22.41	22.51	
20	QPSK	1	99	22.38	22.51	22.46	
20	QPSK	50	0	21.76	21.80	21.70	22.50
20	QPSK	50	24	21.55	21.48	21.61	
20	QPSK	50	50	21.51	21.62	21.49	
20	QPSK	100	0	21.54	21.48	21.37	
20	16QAM	1	0	21.41	21.48	21.50	22.50
20	16QAM	1	49	21.34	21.57	21.52	
20	16QAM	1	99	21.24	21.39	21.23	
20	16QAM	50	0	20.29	20.37	20.33	21.50
20	16QAM	50	24	20.21	20.45	20.25	
20	16QAM	50	50	20.25	20.43	20.21	
20	16QAM	100	0	21.31	20.26	20.28	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.59	22.62	22.42	23.50
15	QPSK	1	37	22.37	22.52	22.34	
15	QPSK	1	74	22.28	22.42	22.38	
15	QPSK	36	0	21.65	21.69	21.59	22.50
15	QPSK	36	20	21.44	21.37	21.50	
15	QPSK	36	39	21.38	21.51	21.37	
15	QPSK	75	0	21.43	21.37	21.36	
15	16QAM	1	0	21.30	21.37	21.39	22.50
15	16QAM	1	37	21.23	21.46	21.41	
15	16QAM	1	74	21.13	21.28	21.12	
15	16QAM	36	0	20.18	20.26	20.22	21.50
15	16QAM	36	20	20.10	20.34	20.14	
15	16QAM	36	39	20.14	20.32	20.10	
15	16QAM	75	0	20.20	20.15	20.17	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.39	22.40	22.30	23.50
10	QPSK	1	25	22.14	22.18	22.18	
10	QPSK	1	49	22.06	22.06	22.09	
10	QPSK	25	0	21.43	21.47	21.47	22.50
10	QPSK	25	12	21.32	21.25	21.38	
10	QPSK	25	25	21.19	21.26	21.16	
10	QPSK	50	0	21.31	21.25	21.14	
10	16QAM	1	0	21.18	21.25	21.27	22.50
10	16QAM	1	25	21.11	21.34	21.29	
10	16QAM	1	49	21.01	21.16	21.00	
10	16QAM	25	0	20.06	20.14	20.10	21.50
10	16QAM	25	12	19.98	20.22	20.02	
10	16QAM	25	25	20.02	20.20	19.98	
10	16QAM	50	0	20.08	20.03	20.05	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	

5	QPSK	1	0	22.28	22.29	22.19	23.50
5	QPSK	1	12	22.03	22.07	22.07	
5	QPSK	1	24	21.95	21.95	21.98	
5	QPSK	12	0	21.42	21.46	21.36	22.50
5	QPSK	12	7	21.21	21.14	21.27	
5	QPSK	12	13	21.09	21.11	21.16	
5	QPSK	25	0	21.20	21.14	21.03	
5	16QAM	1	0	21.07	21.14	21.16	22.50
5	16QAM	1	12	21.00	21.23	21.18	
5	16QAM	1	24	20.90	21.05	20.89	
5	16QAM	12	0	19.95	20.03	19.99	21.50
5	16QAM	12	7	19.87	20.11	19.91	
5	16QAM	12	13	19.91	20.09	19.87	
5	16QAM	25	0	19.97	19.92	19.94	

Band 41 (2555~2655MHz)

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	22.35	22.40	22.46	22.25	22.45	23.00
20	QPSK	1	49	22.25	22.24	22.23	22.34	22.37	
20	QPSK	1	99	22.19	22.29	22.31	22.25	22.27	
20	QPSK	50	0	21.46	21.56	21.57	21.38	21.40	22.00
20	QPSK	50	24	21.31	21.34	21.41	21.36	21.35	
20	QPSK	50	50	21.48	21.32	21.32	21.27	21.48	
20	QPSK	100	0	21.27	21.25	21.31	21.12	21.15	
20	16QAM	1	0	21.45	21.49	21.43	21.37	21.50	22.00
20	16QAM	1	49	21.29	21.40	21.43	21.43	21.63	
20	16QAM	1	99	21.32	21.52	21.28	21.27	21.55	
20	16QAM	50	0	20.22	20.29	20.12	20.13	20.12	21.00
20	16QAM	50	24	20.25	20.25	20.12	20.13	20.03	
20	16QAM	50	50	20.18	20.26	20.29	20.07	19.97	
20	16QAM	100	0	20.18	20.30	20.16	20.02	20.11	
Channel				40315	40045	40740	41030	41165	Tune-up limit (dBm)
Frequency (MHz)				2562.5	2535.5	2605	2634	2647.5	
15	QPSK	1	0	22.24	22.29	22.28	22.14	22.34	23.00
15	QPSK	1	37	22.04	22.03	22.12	22.15	22.21	
15	QPSK	1	74	22.01	22.06	22.02	22.27	22.19	
15	QPSK	36	0	21.34	21.45	21.25	21.27	21.29	22.00
15	QPSK	36	20	21.20	21.23	21.12	21.25	21.14	
15	QPSK	36	39	21.37	21.21	21.21	21.11	21.27	
15	QPSK	75	0	21.06	21.14	21.20	21.01	21.04	
15	16QAM	1	0	21.34	21.38	21.32	21.26	21.39	22.00
15	16QAM	1	37	21.19	21.29	21.34	21.32	21.52	
15	16QAM	1	74	21.21	21.41	21.27	21.26	21.44	
15	16QAM	36	0	20.11	20.18	20.01	20.02	20.01	21.00
15	16QAM	36	20	20.14	20.14	20.01	20.02	19.92	
15	16QAM	36	39	20.07	20.15	20.18	19.96	19.86	
15	16QAM	75	0	20.07	20.13	20.05	19.91	19.91	
Channel				40290	40040	40740	41040	41190	Tune-up limit (dBm)
Frequency (MHz)				2560	2535	2605	2635	2650	
10	QPSK	1	0	22.12	22.17	22.13	22.02	22.12	23.00
10	QPSK	1	25	21.92	21.91	22.00	21.93	21.97	
10	QPSK	1	49	22.01	21.83	21.90	21.81	21.85	
10	QPSK	25	0	21.37	21.33	21.34	21.15	21.17	22.00
10	QPSK	25	12	21.08	21.11	21.00	21.13	21.02	
10	QPSK	25	25	21.25	21.09	21.09	20.99	21.25	
10	QPSK	50	0	20.94	21.02	21.08	20.89	20.92	
10	16QAM	1	0	21.22	21.26	21.20	21.34	21.27	22.00
10	16QAM	1	25	21.06	21.17	21.30	21.20	21.40	
10	16QAM	1	49	21.09	21.29	21.15	21.04	21.32	
10	16QAM	25	0	19.99	20.06	19.89	19.90	19.89	21.00
10	16QAM	25	12	20.02	20.02	19.89	19.90	19.80	
10	16QAM	25	25	19.95	20.03	20.06	19.84	19.74	
10	16QAM	50	0	19.95	20.03	19.93	19.79	19.81	
Channel				40265	40035	40740	41060	41215	Tune-up limit (dBm)
Frequency (MHz)				2557.5	2534.5	2605	2637	2652.5	
5	QPSK	1	0	22.01	22.06	22.12	21.91	22.11	23.00
5	QPSK	1	12	21.81	21.80	21.89	21.77	21.82	
5	QPSK	1	24	21.93	21.72	21.79	21.70	21.93	
5	QPSK	12	0	21.26	21.22	21.23	21.04	21.06	22.00
5	QPSK	12	7	20.97	21.00	20.89	21.02	20.91	
5	QPSK	12	13	21.14	20.98	20.98	20.88	21.14	
5	QPSK	25	0	20.83	20.91	20.97	20.78	20.81	

5	16QAM	1	0	21.11	21.15	21.09	21.03	21.16	22.00
5	16QAM	1	12	20.95	21.06	21.40	21.09	21.29	
5	16QAM	1	24	20.98	21.18	20.94	20.93	21.21	
5	16QAM	12	0	19.88	19.95	19.78	19.79	19.78	21.00
5	16QAM	12	7	19.91	19.91	19.78	19.79	19.69	
5	16QAM	12	13	19.84	19.92	19.95	19.73	19.63	
5	16QAM	25	0	19.84	20.06	19.82	19.78	19.63	

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	14.08	14.50	16.00	97.75
		CH 6	2437	13.87	14.50	16.00	
		CH 11	2462	14.19	14.50	16.00	
	802.11g 6Mbps	CH 1	2412	11.63	12.00	15.00	87.82
		CH 6	2437	12.03	12.50	15.00	
		CH 11	2462	12.35	13.00	15.00	
	802.11n-HT20 MCS0	CH 1	2412	10.50	11.00	14.00	86.49
		CH 6	2437	11.04	11.50	14.00	
		CH 11	2462	11.32	11.50	14.00	
	802.11n-HT40 MCS0	CH 3	2422	7.96	8.50	12.50	76.19
		CH 6	2437	7.78	8.50	12.50	
CH 9		2452	8.45	9.00	12.50		

5GHz WLAN ANT 1

5.2GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11a 6Mbps	CH 36	5180	10.17	10.50	16.50	87.82
		CH 44	5220	10.57	11.00	16.50	
		CH 48	5240	10.60	11.00	16.50	
	802.11n-HT20 MCS0	CH 36	5180	10.29	11.00	16.50	86.49
		CH 44	5220	10.59	11.00	16.50	
		CH 48	5240	10.61	11.00	15.50	
	802.11n-HT40 MCS0	CH 38	5190	9.13	9.50	15.50	77.11
		CH 46	5230	9.39	9.50	15.50	
	802.11ac-VHT20 MCS0	CH 36	5180	9.15	9.50	15.50	83.05
		CH 44	5220	9.53	10.00	15.50	
		CH 48	5240	9.51	10.00	15.50	
	802.11ac-VHT40 MCS0	CH 38	5190	9.15	9.50	15.50	71.01
		CH 46	5230	9.39	10.00	15.50	
802.11ac-VHT80 MCS0	CH 42	5210	6.93	7.50	14.50	55.56	

5GHz WLAN ANT 1

5.3GHz WLAN ANT 1	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11a 6Mbps	CH 52	5260	10.70	11.00	16.50	87.82
		CH 60	5300	11.66	12.50	16.50	
		CH 64	5320	12.26	12.50	16.50	
	802.11n-HT20 MCS0	CH 52	5260	10.73	11.00	16.50	86.49
		CH 60	5300	11.60	12.00	16.50	
		CH 64	5320	12.21	12.50	15.50	
	802.11n-HT40 MCS0	CH 54	5270	9.61	10.00	15.50	77.11
		CH 62	5310	10.60	11.00	15.50	
	802.11ac-VHT20 MCS0	CH 52	5260	9.56	10.00	15.50	83.05
CH 60		5300	10.52	11.00	15.50		

		CH 64	5320	11.02	11.50	15.50	71.01
	802.11ac-VHT40 MCS0	CH 54	5270	9.60	10.00	15.50	
		CH 62	5310	10.57	11.00	15.50	
	802.11ac-VHT80 MCS0	CH 58	5290	7.74	8.00	14.50	55.56

5GHzWLAN 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	5500	13.16	13.50	16.50	87.82
		CH 120	5600	11.37	12.00	16.50	
		CH 144	5720	9.60	10.00	16.50	
	802.11n-HT20 MCS0	CH 100	5500	13.06	13.50	16.50	86.49
		CH 120	5600	11.32	12.00	16.50	
		CH 144	5720	9.57	10.00	16.50	
	802.11n-HT40 MCS0	CH 102	5510	11.63	12.00	15.50	77.11
		CH 126	5630	9.48	10.00	15.50	
		CH 142	5710	8.28	8.50	15.50	
	802.11ac-VHT20 MCS0	CH 100	5500	12.19	12.50	15.50	83.05
		CH 120	5600	10.22	10.50	15.50	
		CH 144	5720	8.68	9.00	15.50	
	802.11ac-VHT40 MCS0	CH 102	5510	11.53	12.00	15.50	71.01
		CH 126	5630	9.40	10.00	15.50	
		CH 142	5710	8.22	8.50	15.50	
	802.11ac-VHT80 MCS0	CH 106	5530	9.01	9.50	15.50	55.56
		CH 122	5610	7.51	8.00	15.50	
		CH 138	5690	6.15	6.50	14.50	

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 MCS0	CH 149	5745	9.30	9.50	16.50	87.82
		CH 157	5785	8.70	9.00	16.50	
		CH 165	5825	8.52	9.00	16.50	
	802.11n-HT20 MCS0	CH 149	5745	9.31	9.50	16.50	86.49
		CH 157	5785	8.73	9.00	16.50	
		CH 165	5825	8.54	9.00	16.50	
	802.11n-HT40 MCS0	CH 151	5755	7.74	9.00	15.50	77.11
		CH 159	5795	7.30	7.50	15.50	
	802.11ac-VHT20 MCS0	CH 149	5745	8.26	8.50	15.50	83.05
		CH 157	5785	7.74	8.00	15.50	
		CH 165	5825	7.61	8.00	15.50	
	802.11ac-VHT40 MCS0	CH 151	5755	7.79	8.00	15.50	71.01
		CH 159	5795	7.27	7.50	15.50	
	802.11ac-VHT80 MCS0	CH 155	5775	5.17	5.50	14.50	55.56

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps

BR / EDR	CH 00	2402	7.77	5.59	5.75
	CH 39	2441	8.21	6.01	6.24
	CH 78	2480	6.15	4.09	4.22
Tune-up Limit			8.5	6.5	6.5
Duty Cycle %			77.33	76.8	77.33

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	-2.88
	CH 19	2440	-2.79
	CH 39	2480	-4.79
Tune-up Limit			-2.5
Duty Cycle %			62.9

Mode	Channel	Frequency (MHz)	Average power (dBm)
RFID	1	902.75	16.60
	25	914.75	16.66
	50	927.25	16.75
Tune-up Limit			17.0