



REPORT No. : SZ21070268S01

Annex E Conducted Full Power

Conducted Power

Project No.:	SZ21070268	Applicant:			BLU	Model Name:			G51	
GSM850		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
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	32.13	32.14	32.22	33.00	23.13	23.14	23.22	24.00	0.09	
GPRS 1 Tx slot	32.13	32.15	32.20	33.00	23.13	23.15	23.20	24.00		
GPRS 2 Tx slots	30.23	30.26	30.22	31.00	24.23	24.26	24.22	25.00	0.04	
GPRS 3 Tx slots	28.19	28.17	28.17	29.00	23.93	23.91	23.91	24.74	0.02	
GPRS 4 Tx slots	25.64	25.66	25.64	26.00	22.64	22.66	22.64	23.00	0.02	
EDGE 1 Tx slot	26.12	26.16	26.11	27.00	17.12	17.16	17.11	18.00	0.05	
EDGE 2 Tx slots	25.42	25.37	25.49	26.00	19.42	19.37	19.49	20.00	0.12	
EDGE 3 Tx slots	23.51	23.42	23.21	24.00	19.25	19.16	18.95	19.74	0.30	
EDGE 4 Tx slots	21.31	21.22	21.26	22.00	18.31	18.22	18.26	19.00	0.09	

GSM1900		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
TX Channel	512	661	810	512		661	810			
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8				
GSM 1 Tx slot	29.19	29.21	29.14	30.00	20.19	20.21	20.14	21.00	0.08	
GPRS 1 Tx slot	29.20	29.22	29.14	30.00	20.20	20.22	20.14	21.00		
GPRS 2 Tx slots	26.91	26.81	26.63	27.50	20.91	20.81	20.63	21.50	0.28	
GPRS 3 Tx slots	25.32	25.36	25.24	26.00	21.06	21.10	20.98	21.74	0.12	
GPRS 4 Tx slots	23.18	23.14	23.16	24.00	20.18	20.14	20.16	21.00	0.04	
EDGE 1 Tx slot	24.62	24.63	24.57	25.00	15.62	15.63	15.57	16.00	0.06	
EDGE 2 Tx slots	23.62	23.51	23.42	24.00	17.62	17.51	17.42	18.00	0.20	
EDGE 3 Tx slots	22.62	22.47	22.52	23.00	18.36	18.21	18.26	18.74	0.15	
EDGE 4 Tx slots	20.25	20.26	20.32	21.00	17.25	17.26	17.32	18.00	0.07	

Band	WCDMA Band II			Tune-up Limit (dBm)	WCDMA Band IV			Tune-up Limit (dBm)	WCDMA Band V			Tune-up Limit (dBm)	
TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233		
Rx Channel	9662	9800	9938	1537	1638	1738	4357	4407	4458				
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6				
3GPP Rel 99	RMC 12.2Kbps	22.21	22.24	22.15	23.00	22.21	22.34	22.23	23.00	22.42	22.45	22.31	23.00
3GPP Rel 6	HSDPA Subtest-1	22.11	22.03	21.95	23.00	21.18	21.23	21.23	22.00	22.06	22.19	22.12	23.00
3GPP Rel 6	HSDPA Subtest-2	22.14	22.08	21.99	23.00	21.72	21.77	21.74	22.50	21.82	21.94	21.88	22.50
3GPP Rel 6	HSDPA Subtest-3	22.20	22.12	22.11	23.00	21.69	21.75	21.71	22.50	21.63	21.65	21.61	22.50
3GPP Rel 6	HSDPA Subtest-4	21.98	22.21	22.21	23.00	21.74	21.78	21.74	22.50	21.42	21.54	21.49	22.50
3GPP Rel 6	HSUPA Subtest-1	22.07	22.14	22.11	23.00	22.29	22.26	22.23	23.00	22.23	22.22	22.17	23.00
3GPP Rel 6	HSUPA Subtest-2	22.03	22.12	22.04	23.00	22.24	22.19	22.20	23.00	22.16	22.17	22.10	23.00
3GPP Rel 6	HSUPA Subtest-3	22.00	22.07	21.99	23.00	22.23	22.22	22.18	23.00	22.19	22.18	22.08	23.00
3GPP Rel 6	HSUPA Subtest-4	22.05	22.15	22.13	23.00	22.26	22.19	22.21	23.00	22.16	22.15	22.04	23.00
3GPP Rel 6	HSUPA Subtest-5	22.02	22.10	22.06	23.00	22.25	22.22	22.20	23.00	22.19	22.18	22.06	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-	22.02	22.08	22.04	23.00	22.21	22.24	22.15	23.00	22.20	22.16	22.07	23.00

LTE Band 2							
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	22.19	22.32	22.18	
20	QPSK	1	49	21.97	22.13	22.00	23
20	QPSK	1	99	22.11	22.09	22.19	
20	QPSK	50	0	21.37	21.41	21.26	
20	QPSK	50	24	21.17	21.39	21.38	22
20	QPSK	50	50	21.34	21.25	21.40	
20	QPSK	100	0	21.36	21.53	21.33	
20	16QAM	1	0	21.74	21.38	21.58	22
20	16QAM	1	49	21.35	21.32	21.75	
20	16QAM	1	99	21.45	21.54	21.61	
20	16QAM	50	0	21.25	21.09	21.23	22
20	16QAM	50	24	21.14	21.24	21.27	
20	16QAM	50	50	21.13	21.32	21.27	
20	16QAM	100	0	21.19	21.21	21.29	
Channel				18675	18900	19125	
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	21.81	22.06	21.87	
15	QPSK	1	37	22.01	22.13	22.22	
15	QPSK	1	74	22.02	22.07	22.07	
15	QPSK	36	0	21.31	21.42	21.34	22
15	QPSK	36	20	21.32	21.29	21.42	
15	QPSK	36	39	21.31	21.29	21.44	
15	QPSK	75	0	21.09	21.30	21.36	22
15	16QAM	1	0	21.28	21.38	21.58	
15	16QAM	1	37	21.56	21.35	21.51	
15	16QAM	1	74	21.62	21.40	21.47	22
15	16QAM	36	0	21.30	21.42	21.45	
15	16QAM	36	20	21.38	21.41	21.51	
15	16QAM	36	39	21.40	21.58	21.48	22
15	16QAM	75	0	21.46	21.33	21.52	
Channel				18650	18900	19150	
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.12	21.98	22.22	23
10	QPSK	1	25	21.95	22.03	22.22	
10	QPSK	1	49	22.08	21.96	22.03	
10	QPSK	25	0	21.37	21.49	21.31	22
10	QPSK	25	12	21.50	21.62	21.74	
10	QPSK	25	25	21.35	21.62	21.63	
10	QPSK	50	0	21.48	21.49	21.56	22
10	16QAM	1	0	21.59	21.66	21.62	
10	16QAM	1	25	21.89	21.52	21.63	
10	16QAM	1	49	21.58	21.55	21.88	22
10	16QAM	25	0	21.09	21.18	21.23	
10	16QAM	25	12	21.25	21.21	21.28	
10	16QAM	25	25	21.03	21.38	21.37	22
10	16QAM	50	0	21.26	21.16	21.33	
Channel				18625	18900	19175	
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.14	22.25	22.11	23
5	QPSK	1	12	22.02	22.15	22.23	
5	QPSK	1	24	22.13	22.24	22.22	
5	QPSK	12	0	21.59	21.54	21.57	22
5	QPSK	12	7	21.38	21.55	21.54	
5	QPSK	12	13	21.43	21.54	21.49	
5	QPSK	25	0	21.55	21.65	21.51	22
5	16QAM	1	0	21.62	21.66	21.68	
5	16QAM	1	12	21.85	21.65	21.62	
5	16QAM	1	24	21.99	21.62	21.77	22
5	16QAM	12	0	21.20	21.26	21.29	
5	16QAM	12	7	21.12	21.27	21.40	
5	16QAM	12	13	21.19	21.30	21.22	22
5	16QAM	25	0	21.32	21.18	21.33	
Channel				18615	18900	19185	
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.04	22.24	22.29	23
3	QPSK	1	8	22.19	22.12	22.07	
3	QPSK	1	14	22.12	22.12	22.13	
3	QPSK	8	0	21.18	21.12	21.36	22
3	QPSK	8	4	21.11	21.14	21.31	
3	QPSK	8	7	21.32	21.45	21.40	
3	QPSK	15	0	21.29	21.43	21.52	22
3	16QAM	1	0	21.60	21.55	21.62	
3	16QAM	1	8	21.74	21.56	21.66	
3	16QAM	1	14	21.75	21.49	21.91	22
3	16QAM	8	0	21.19	21.20	21.24	
3	16QAM	8	4	21.12	21.28	21.28	
3	16QAM	8	7	21.25	21.30	21.19	22
3	16QAM	15	0	21.11	21.19	21.34	
Channel				18607	18900	19193	
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.28	22.16	22.16	23
1.4	QPSK	1	3	22.12	22.16	22.07	
1.4	QPSK	1	5	22.23	22.16	21.89	
1.4	QPSK	3	0	21.37	21.35	21.36	22
1.4	QPSK	3	1	21.44	21.35	21.31	
1.4	QPSK	3	3	21.38	21.36	21.28	
1.4	QPSK	6	0	21.27	21.33	21.39	22
1.4	16QAM	1	0	21.69	21.55	21.54	
1.4	16QAM	1	3	21.52	21.55	21.86	
1.4	16QAM	1	5	21.65	21.48	21.78	22
1.4	16QAM	3	0	21.11	21.50	21.26	
1.4	16QAM	3	1	21.43	21.50	21.21	
1.4	16QAM	3	3	21.19	21.31	21.25	22
1.4	16QAM	6	0	21.29	21.23	21.35	

LTE Band 4							
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	22.28	22.38	22.36	
20	QPSK	1	49	22.31	22.22	22.32	
20	QPSK	1	99	22.11	22.24	22.20	
20	QPSK	50	0	21.47	21.57	21.39	22
20	QPSK	50	24	21.42	21.39	21.53	
20	QPSK	50	50	21.41	21.34	21.43	
20	QPSK	100	0	21.36	21.27	21.43	22
20	16QAM	1	0	21.42	21.40	21.40	
20	16QAM	1	49	21.44	21.33	21.41	
20	16QAM	1	99	21.30	21.15	21.30	22
20	16QAM	50	0	21.22	21.40	21.29	
20	16QAM	50	24	21.27	21.22	21.35	
20	16QAM	50	50	21.21	21.26	21.68	22
20	16QAM	100	0	21.29	21.37	21.37	
Channel				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.36	22.13	22.22	23
15	QPSK	1	37	22.27	22.13	22.17	
15	QPSK	1	74	22.12	22.16	22.24	
15	QPSK	36	0	21.28	21.34	21.43	22
15	QPSK	36	20	21.37	21.33	21.62	
15	QPSK	36	39	21.37	21.43	21.38	
15	QPSK	75	0	21.30	21.36	21.51	22
15	16QAM	1	0	21.37	21.62	21.55	
15	16QAM	1	37	21.56	21.54	21.65	
15	16QAM	1	74	21.33	21.76	21.63	22
15	16QAM	36	0	21.17	21.16	21.16	
15	16QAM	36	20	21.18	21.31	21.37	
15	16QAM	36	39	21.30	21.20	21.54	22
15	16QAM	75	0	21.20	21.39	21.36	
Channel				20000	20175	20350	
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.06	22.12	22.09	23
10	QPSK	1	25	21.99	22.16	22.13	
10	QPSK	1	49	21.90	22.08	22.08	
10	QPSK	25	0	21.27	21.53	21.50	22
10	QPSK	25	12	21.34	21.40	21.55	
10	QPSK	25	25	21.45	21.49	21.31	
10	QPSK	50	0	21.20	21.34	21.38	22
10	16QAM	1	0	21.74	21.62	21.52	
10	16QAM	1	25	21.55	21.58	21.66	
10	16QAM	1	49	21.81	21.44	21.52	22
10	16QAM	25	0	21.27	21.30	21.36	
10	16QAM	25	12	21.17	21.28	21.36	
10	16QAM	25	25	21.51	21.27	21.41	22
10	16QAM	50	0	21.21	21.28	21.40	
Channel				19975	20175	20375	
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.19	22.37	22.00	23
5	QPSK	1	12	22.15	22.14	22.15	
5	QPSK	1	24	22.18	22.21	22.23	
5	QPSK	12	0	21.40	21.55	21.45	22
5	QPSK	12	7	21.44	21.46	21.50	
5	QPSK	12	13	21.35	21.43	21.40	
5	QPSK	25	0	21.09	21.15	21.19	22
5	16QAM	1	0	21.46	21.88	21.62	
5	16QAM	1	12	21.52	21.86	21.55	
5	16QAM	1	24	21.62	21.42	21.75	22
5	16QAM	12	0	21.34	21.38	21.32	
5	16QAM	12	7	21.17	21.26	21.32	
5	16QAM	12	13	21.42	21.28	21.44	22
5	16QAM	25	0	21.26	21.26	21.36	
Channel				19965	20175	20385	
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.08	22.16	22.09	23
3	QPSK	1	8	22.00	22.13	22.11	
3	QPSK	1	14	22.01	21.79	22.20	

LTE Band 5							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.26	22.48	22.39	23
10	QPSK	1	25	22.08	22.28	22.12	
10	QPSK	1	49	22.30	22.31	22.40	
10	QPSK	25	0	21.39	21.49	21.28	22
10	QPSK	25	12	21.34	21.38	21.37	
10	QPSK	25	25	21.44	21.48	21.37	
10	QPSK	50	0	21.42	21.39	21.46	22
10	16QAM	1	0	21.34	21.37	21.17	
10	16QAM	1	25	21.61	21.49	21.42	
10	16QAM	1	49	21.32	21.51	21.31	22
10	16QAM	25	0	21.29	21.67	21.61	
10	16QAM	25	12	21.29	21.48	21.61	
10	16QAM	25	25	21.58	21.51	21.58	22
10	16QAM	50	0	21.22	21.27	21.42	
Channel				20425	20525	20625	
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.02	22.21	22.46	23
5	QPSK	1	12	22.10	22.24	22.04	
5	QPSK	1	24	22.10	22.37	22.12	
5	QPSK	12	0	21.41	21.43	21.40	22
5	QPSK	12	7	21.06	21.44	21.53	
5	QPSK	12	13	21.25	21.51	21.25	
5	QPSK	25	0	21.37	21.31	21.50	22
5	16QAM	1	0	21.25	21.25	21.26	
5	16QAM	1	12	21.22	21.26	21.22	
5	16QAM	1	24	21.42	21.55	21.55	22
5	16QAM	12	0	21.33	21.48	21.56	
5	16QAM	12	7	21.50	21.39	21.38	
5	16QAM	12	13	21.48	21.25	21.19	22
5	16QAM	25	0	21.49	21.34	21.35	
Channel				20415	20525	20635	
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.07	22.11	22.39	23
3	QPSK	1	8	22.43	22.03	22.24	
3	QPSK	1	14	22.13	22.06	22.34	
3	QPSK	8	0	21.20	21.62	21.48	22
3	QPSK	8	4	21.44	21.51	21.51	
3	QPSK	8	7	21.55	21.46	21.29	
3	QPSK	15	0	21.37	21.33	21.62	22
3	16QAM	1	0	21.33	21.60	21.37	
3	16QAM	1	8	21.68	21.24	21.74	
3	16QAM	1	14	21.56	21.57	21.52	22
3	16QAM	8	0	21.28	21.48	21.50	
3	16QAM	8	4	21.37	21.54	21.32	
3	16QAM	8	7	21.32	21.39	21.40	22
3	16QAM	15	0	21.33	21.25	21.40	
Channel				20407	20525	20643	
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.27	22.18	22.35	23
1.4	QPSK	1	3	22.34	22.23	22.40	
1.4	QPSK	1	5	22.32	22.26	22.45	
1.4	QPSK	3	0	22.30	22.19	22.25	22
1.4	QPSK	3	1	22.23	22.18	22.38	
1.4	QPSK	3	3	22.18	22.16	22.28	
1.4	QPSK	6	0	21.56	21.39	21.57	22
1.4	16QAM	1	0	21.22	21.32	21.32	
1.4	16QAM	1	3	21.44	21.42	21.42	
1.4	16QAM	1	5	21.22	21.49	21.44	22
1.4	16QAM	3	0	21.57	21.49	21.36	
1.4	16QAM	3	1	21.48	21.40	21.51	
1.4	16QAM	3	3	21.27	21.53	21.19	22
1.4	16QAM	6	0	21.38	21.37	21.31	

LTE Band 7							
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	22.20	22.24	22.21	23
20	QPSK	1	49	22.18	22.14	22.15	
20	QPSK	1	99	22.19	22.11	22.16	
20	QPSK	50	0	21.33	21.45	21.35	22
20	QPSK	50	24	21.41	21.31	21.37	
20	QPSK	50	50	21.34	21.22	21.37	
20	QPSK	100	0	21.35	21.34	21.17	22
20	16QAM	1	0	21.46	21.27	21.47	
20	16QAM	1	49	21.14	21.37	21.22	
20	16QAM	1	99	21.05	21.42	21.12	22
20	16QAM	50	0	21.41	21.64	21.23	
20	16QAM	50	24	21.52	21.20	21.24	
20	16QAM	50	50	21.54	21.23	21.26	22
20	16QAM	100	0	21.19	21.25	21.50	
Channel				20825	21100	21375	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.13	22.16	22.12	23
15	QPSK	1	37	22.16	22.18	22.21	
15	QPSK	1	74	22.21	22.16	22.15	
15	QPSK	36	0	21.44	21.35	21.09	22
15	QPSK	36	20	21.32	21.33	21.37	
15	QPSK	36	39	21.48	21.12	21.50	
15	QPSK	75	0	21.37	21.40	21.51	22
15	16QAM	1	0	21.43	21.34	21.22	
15	16QAM	1	37	21.45	21.64	21.22	
15	16QAM	1	74	21.42	21.35	21.35	22
15	16QAM	36	0	21.01	21.16	21.16	
15	16QAM	36	20	21.29	21.12	21.26	
15	16QAM	36	39	21.05	21.08	21.15	22
15	16QAM	75	0	21.22	21.21	21.15	
Channel				20800	21100	21400	
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.10	22.11	22.13	23
10	QPSK	1	25	22.12	22.12	22.12	
10	QPSK	1	49	22.04	22.14	22.14	
10	QPSK	25	0	21.50	21.26	21.18	22
10	QPSK	25	12	21.34	21.27	21.30	
10	QPSK	25	25	21.25	21.25	21.36	
10	QPSK	50	0	21.35	21.07	21.36	22
10	16QAM	1	0	21.54	21.60	21.64	
10	16QAM	1	25	21.38	21.52	21.64	
10	16QAM	1	49	21.45	21.25	21.66	22
10	16QAM	25	0	21.47	21.22	21.15	
10	16QAM	25	12	21.30	21.11	21.22	
10	16QAM	25	25	21.36	21.24	21.24	22
10	16QAM	50	0	21.37	21.26	21.22	
Channel				20775	21100	21425	
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.12	22.08	22.17	23
5	QPSK	1	12	22.13	22.10	22.01	
5	QPSK	1	24	22.16	22.05	22.06	
5	QPSK	12	0	21.46	21.20	21.14	22
5	QPSK	12	7	21.35	21.19	21.31	
5	QPSK	12	13	21.42	21.38	21.15	
5	QPSK	25	0	21.51	21.21	21.16	22
5	16QAM	1	0	21.46	21.40	21.35	
5	16QAM	1	12	21.35	21.12	21.43	
5	16QAM	1	24	21.44	21.42	21.30	22
5	16QAM	12	0	21.33	21.61	21.45	
5	16QAM	12	7	21.42	21.46	21.41	
5	16QAM	12	13	21.36	21.58	21.53	22
5	16QAM	25	0	21.31	21.48	21.60	

LTE Band 12							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.41	22.49	22.35	23
10	QPSK	1	25	22.28	22.44	22.42	
10	QPSK	1	49	22.28	22.40	22.29	
10	QPSK	25	0	21.42	21.50	21.45	22
10	QPSK	25	12	21.39	21.49	21.30	
10	QPSK	25	25	21.44	21.38	21.31	
10	QPSK	50	0	21.42	21.60	21.32	22
10	16QAM	1	0	21.63	21.39	21.24	
10	16QAM	1	25	21.42	21.29	21.42	
10	16QAM	1	49	21.32	21.43	21.32	22
10	16QAM	25	0	21.09	21.29	21.39	
10	16QAM	25	12	21.18	21.00	21.08	
10	16QAM	25	25	21.08	21.09	21.09	22
10	16QAM	50	0	21.09	21.28	21.28	
Channel				23035	23095	23155	
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.41	22.16	22.24	
5	QPSK	1	12	22.30	22.41	22.34	
5	QPSK	1	24	22.42	22.45	22.34	
5	QPSK	12	0	21.29	21.40	21.48	22
5	QPSK	12	7	21.27	21.61	21.34	
5	QPSK	12	13	21.32	21.28	21.60	
5	QPSK	25	0	21.46	21.64	21.49	22
5	16QAM	1	0	21.48	21.35	21.63	
5	16QAM	1	12	21.32	21.32	21.39	
5	16QAM	1	24	21.46	21.39	21.32	22
5	16QAM	12	0	21.39	21.32	21.29	
5	16QAM	12	7	21.32	21.39	21.43	
5	16QAM	12	13	21.39	21.37	21.39	22
5	16QAM	25	0	21.43	21.29	21.39	
Channel				23025	23095	23165	
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.18	22.30	22.34	
3	QPSK	1	8	22.28	22.44	22.31	
3	QPSK	1	14	22.28	22.40	22.48	
3	QPSK	8	0	21.35	21.35	21.43	22
3	QPSK	8	4	21.39	21.70	21.30	
3	QPSK	8	7	21.44	21.38	21.67	
3	QPSK	15	0	21.42	21.60	21.32	22
3	16QAM	1	0	21.63	21.39	21.24	
3	16QAM	1	8	21.39	21.43	21.44	
3	16QAM	1	14	21.62	21.39	21.32	22
3	16QAM	8	0	21.32	21.29	21.39	
3	16QAM	8	4	21.39	21.41	21.32	
3	16QAM	8	7	21.39	21.32	21.39	22
3	16QAM	15	0	21.29	21.02	21.44	
Channel				23017	23095	23173	
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.16	22.28	22.32	
1.4	QPSK	1	3	22.26	22.42	22.29	
1.4	QPSK	1	5	22.26	22.38	22.35	
1.4	QPSK	3	0	22.33	22.33	22.41	22
1.4	QPSK	3	1	22.37	22.35	22.28	
1.4	QPSK	3	3	22.42	22.36	22.33	
1.4	QPSK	6	0	21.40	21.58	21.30	22
1.4	16QAM	1	0	21.61	21.37	21.22	
1.4	16QAM	1	3	21.37	21.41	21.42	
1.4	16QAM	1	5	21.60	21.37	21.30	22
1.4	16QAM	3	0	21.30	21.27	21.37	
1.4	16QAM	3	1	21.37	21.39	21.30	
1.4	16QAM	3	3	21.37	21.30	21.37	22
1.4	16QAM	6	0	21.27	21.00	21.42	

LTE Band 17							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.19	22.40	22.33	23
10	QPSK	1	25	22.20	22.28	22.28	
10	QPSK	1	49	22.20	22.35	22.34	
10	QPSK	25	0	21.13	21.49	21.43	22
10	QPSK	25	12	21.47	21.18	21.04	
10	QPSK	25	25	21.06	21.03	21.41	
10	QPSK	50	0	21.51	21.13	21.13	22
10	16QAM	1	0	21.63	21.57	21.60	
10	16QAM	1	25	21.32	21.61	21.67	
10	16QAM	1	49	21.39	21.64	21.59	22
10	16QAM	25	0	21.32	21.29	21.29	
10	16QAM	25	12	21.39	21.39	21.39	
10	16QAM	25	25	21.32	21.39	21.32	22
10	16QAM	50	0	21.19	20.99	21.39	
Channel				23755	23790	23825	
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.16	22.26	22.40	
5	QPSK	1	12	22.21	22.23	22.31	
5	QPSK	1	24	22.27	22.22	22.29	
5	QPSK	12	0	21.12	21.39	21.44	22
5	QPSK	12	7	21.17	21.09	21.51	
5	QPSK	12	13	21.43	21.44	21.48	
5	QPSK	25	0	21.04	21.04	21.44	22
5	16QAM	1	0	21.59	21.70	21.45	
5	16QAM	1	12	21.59	21.45	21.53	
5	16QAM	1	24	21.56	21.65	21.41	22
5	16QAM	12	0	21.29	21.22	21.13	
5	16QAM	12	7	21.39	21.39	21.12	
5	16QAM	12	13	21.21	21.21	21.14	22
5	16QAM	25	0	20.99	21.12	21.11	

2.4GHz WLAN

2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11b 1Mbps	CH 1	2412	12.02	13.0	11	100
		CH 7	2442	12.57	13.0	11	
		CH 13	2472	12.09	13.0	11	
	802.11g 6Mbps	CH 1	2412	12.13	13.0	14	100
		CH 7	2442	12.38	13.0	14	
		CH 13	2472	12.21	13.0	14	
	802.11n-HT20 MCS0	CH 1	2412	12.08	13.0	15	100
		CH 7	2442	12.47	13.0	15	
CH 13		2472	12.09	13.0	15		

Bluetooth

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	7.80	6.45	6.47
	CH 39	2441	7.27	4.94	4.87
	CH 78	2480	6.36	4.07	4.00
Tune-up Limit			8.5	7	7
Duty Cycle %			77.33	76.53	76.8

Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
LE	CH 00	2402	-0.38
	CH 19	2440	0.60
	CH 39	2480	-0.52
Tune-up Limit			1.00
Duty Cycle %			62.98