



REPORT No.: SZ21100155S01

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		27.15	27.31	27.59	28.00	18.15	18.31	18.59	19.00
GPRS 1 Tx slot		27.13	27.21	27.51	28.00	18.13	18.21	18.51	19.00
GPRS 2 Tx slots		24.95	24.91	25.13	25.50	18.95	18.91	19.13	19.50
GPRS 3 Tx slots		22.85	22.94	23.09	23.50	18.59	18.68	18.83	19.24
GPRS 4 Tx slots		20.31	20.44	20.65	21.00	17.31	17.44	17.65	18.00
EDGE 1 Tx slot		18.98	19.05	19.26	19.50	9.98	10.05	10.26	10.50
EDGE 2 Tx slots		17.79	18.08	18.10	18.50	11.79	12.08	12.10	12.50
EDGE 3 Tx slots		15.38	15.85	15.64	16.50	11.12	11.59	11.38	12.24
EDGE 4 Tx slots		12.73	13.17	13.12	13.50	9.73	10.17	10.12	10.50

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		22.22	22.11	22.48	23.00	13.22	13.11	13.48	14.00
GPRS 1 Tx slot		22.25	22.11	22.47	23.00	13.25	13.11	13.47	14.00
GPRS 2 Tx slots		20.13	19.89	20.13	20.50	14.13	13.89	14.13	14.50
GPRS 3 Tx slots		18.64	18.51	18.65	19.00	14.38	14.25	14.39	14.74
GPRS 4 Tx slots		16.55	16.30	16.51	17.00	13.55	13.30	13.51	14.00
EDGE 1 Tx slot		20.93	20.40	19.44	21.00	11.93	11.40	10.44	12.00
EDGE 2 Tx slots		18.48	18.04	18.95	19.50	12.48	12.04	12.95	13.50
EDGE 3 Tx slots		16.53	16.12	15.13	17.00	12.27	11.86	10.87	12.74
EDGE 4 Tx slots		15.12	14.69	13.65	15.50	12.12	11.69	10.65	12.50

Band		WCDMA Band II			Tune-up Limit (dBm)	WCDMA Band IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	14.37	14.16	14.34	15.00	16.13	16.10	16.11	16.50
3GPP Rel 6	HSDPA Subtest-1	13.12	12.82	13.05	13.50	15.80	14.96	15.48	16.00
3GPP Rel 6	HSDPA Subtest-2	12.79	12.59	12.72	13.50	15.83	15.04	15.54	16.00
3GPP Rel 6	HSDPA Subtest-3	13.00	12.70	12.98	13.50	15.79	15.01	15.51	16.00
3GPP Rel 6	HSDPA Subtest-4	12.68	12.43	12.56	13.50	15.82	15.09	15.55	16.00
3GPP Rel 6	HSUPA Subtest-1	13.14	12.88	13.07	13.50	15.81	15.03	15.52	16.00
3GPP Rel 6	HSUPA Subtest-2	13.10	12.83	12.98	13.50	15.75	14.96	15.44	16.00
3GPP Rel 6	HSUPA Subtest-3	13.16	12.84	13.02	13.50	15.82	15.04	15.50	16.00
3GPP Rel 6	HSUPA Subtest-4	13.16	12.76	12.97	13.50	15.78	14.94	15.46	16.00
3GPP Rel 6	HSUPA Subtest-5	13.13	12.80	13.02	13.50	15.83	15.00	15.52	16.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.19	12.85	13.09	13.50	15.79	15.06	15.50	16.00

Band		WCDMA Band V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	19.79	19.76	19.69	20.00
3GPP Rel 6	HSDPA Subtest-1	17.28	18.72	16.40	19.00
3GPP Rel 6	HSDPA Subtest-2	17.03	18.46	16.41	19.00
3GPP Rel 6	HSDPA Subtest-3	16.74	18.17	16.14	19.00
3GPP Rel 6	HSDPA Subtest-4	16.64	18.06	16.02	19.00
3GPP Rel 6	HSUPA Subtest-1	17.96	19.26	17.53	19.50
3GPP Rel 6	HSUPA Subtest-2	17.95	19.32	17.22	19.50
3GPP Rel 6	HSUPA Subtest-3	17.91	19.25	17.25	19.50
3GPP Rel 6	HSUPA Subtest-4	17.94	19.26	17.13	19.50
3GPP Rel 6	HSUPA Subtest-5	17.95	19.28	17.29	19.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.81	19.09	17.31	19.50

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	15.76	15.78	15.53	16
20	QPSK	1	49	15.62	15.55	15.52	
20	QPSK	1	99	15.37	15.57	15.42	
20	QPSK	50	0	14.60	14.84	14.83	
20	QPSK	50	24	14.48	14.35	14.58	15
20	QPSK	50	50	14.40	14.74	14.41	
20	QPSK	100	0	14.52	14.58	14.25	
20	16QAM	1	0	14.72	15.18	15.00	
20	16QAM	1	49	14.94	14.73	14.71	15.5
20	16QAM	1	99	15.00	15.02	15.06	
20	16QAM	50	0	13.81	13.56	13.70	
20	16QAM	50	24	13.84	13.94	13.51	
20	16QAM	50	50	13.50	13.88	13.52	14
20	16QAM	100	0	13.45	13.86	13.48	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	15.74	15.76	15.51	16
15	QPSK	1	37	15.59	15.52	15.50	
15	QPSK	1	74	15.34	15.54	15.39	
15	QPSK	36	0	14.57	14.81	14.80	
15	QPSK	36	20	14.45	14.32	14.55	15
15	QPSK	36	39	14.37	14.71	14.38	
15	QPSK	75	0	14.49	14.55	14.22	
15	16QAM	1	0	14.69	15.15	14.97	
15	16QAM	1	37	14.91	14.70	14.68	15.5
15	16QAM	1	74	14.97	14.99	15.03	
15	16QAM	36	0	13.78	13.53	13.67	
15	16QAM	36	20	13.81	13.91	13.48	
15	16QAM	36	39	13.47	13.85	13.49	14
15	16QAM	75	0	13.42	13.83	13.45	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	15.72	15.74	15.49	16
10	QPSK	1	25	15.54	15.47	15.45	
10	QPSK	1	49	15.29	15.49	15.34	
10	QPSK	25	0	14.52	14.76	14.75	
10	QPSK	25	12	14.40	14.27	14.50	15
10	QPSK	25	25	14.32	14.66	14.33	
10	QPSK	50	0	14.44	14.50	14.17	
10	16QAM	1	0	14.64	15.10	14.92	
10	16QAM	1	25	14.86	14.65	14.63	15.5
10	16QAM	1	49	14.92	14.94	14.98	
10	16QAM	25	0	13.73	13.48	13.62	
10	16QAM	25	12	13.76	13.86	13.43	
10	16QAM	25	25	13.42	13.80	13.44	14
10	16QAM	50	0	13.37	13.78	13.40	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	15.69	15.71	15.46	16
5	QPSK	1	12	15.49	15.42	15.40	
5	QPSK	1	24	15.24	15.44	15.29	
5	QPSK	12	0	14.47	14.71	14.70	
5	QPSK	12	7	14.35	14.22	14.45	15
5	QPSK	12	13	14.27	14.61	14.28	
5	QPSK	25	0	14.39	14.45	14.12	
5	16QAM	1	0	14.59	15.05	14.87	
5	16QAM	1	12	14.81	14.60	14.58	15.5
5	16QAM	1	24	14.87	14.89	14.93	
5	16QAM	12	0	13.68	13.43	13.57	
5	16QAM	12	7	13.71	13.81	13.38	
5	16QAM	12	13	13.37	13.75	13.39	14
5	16QAM	25	0	13.32	13.73	13.35	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	15.66	15.68	15.43	16
3	QPSK	1	8	15.47	15.40	15.38	
3	QPSK	1	14	15.22	15.42	15.27	
3	QPSK	8	0	14.45	14.69	14.68	
3	QPSK	8	4	14.33	14.20	14.43	15
3	QPSK	8	7	14.25	14.59	14.26	
3	QPSK	15	0	14.37	14.43	14.10	
3	16QAM	1	0	14.57	15.03	14.85	
3	16QAM	1	8	14.79	14.58	14.56	15.5
3	16QAM	1	14	14.85	14.87	14.91	
3	16QAM	8	0	13.66	13.41	13.55	
3	16QAM	8	4	13.69	13.79	13.36	
3	16QAM	8	7	13.35	13.73	13.37	14
3	16QAM	15	0	13.30	13.71	13.33	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	15.63	15.65	15.40	16
1.4	QPSK	1	3	15.45	15.38	15.36	
1.4	QPSK	1	5	15.20	15.40	15.25	
1.4	QPSK	3	0	14.43	14.67	14.66	
1.4	QPSK	3	1	14.31	14.18	14.41	15
1.4	QPSK	3	3	14.23	14.57	14.24	
1.4	QPSK	6	0	14.35	14.41	14.08	
1.4	16QAM	1	0	14.55	15.01	14.83	
1.4	16QAM	1	3	14.77	14.56	14.54	15.5
1.4	16QAM	1	5	14.83	14.85	14.89	
1.4	16QAM	3	0	13.64	13.39	13.53	
1.4	16QAM	3	1	13.67	13.77	13.34	
1.4	16QAM	3	3	13.33	13.71	13.35	14
1.4	16QAM	6	0	13.28	13.69	13.31	

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	16.72	16.79	16.57	17
20	QPSK	1	49	16.51	16.69	16.48	
20	QPSK	1	99	16.49	16.38	16.31	
20	QPSK	50	0	15.71	15.93	15.69	
20	QPSK	50	24	15.78	15.69	15.52	16
20	QPSK	50	50	15.66	15.61	15.62	
20	QPSK	100	0	15.30	15.74	15.52	
20	16QAM	1	0	16.27	16.36	16.20	
20	16QAM	1	49	16.02	16.06	15.91	16.5
20	16QAM	1	99	16.01	16.08	15.89	
20	16QAM	50	0	14.78	14.87	14.63	
20	16QAM	50	24	14.73	14.58	14.62	
20	16QAM	50	50	14.52	14.93	14.48	15
20	16QAM	100	0	14.60	14.57	14.39	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	16.69	16.76	16.54	17
15	QPSK	1	37	16.40	16.66	16.45	
15	QPSK	1	74	16.46	16.35	16.28	
15	QPSK	36	0	15.68	15.90	15.66	
15	QPSK	36	20	15.75	15.66	15.49	16
15	QPSK	36	39	15.63	15.58	15.59	
15	QPSK	75	0	15.27	15.71	15.49	
15	16QAM	1	0	16.24	16.33	16.17	
15	16QAM	1	37	15.99	16.03	15.88	16.5
15	16QAM	1	74	15.98	16.05	15.86	
15	16QAM	36	0	14.75	14.84	14.60	
15	16QAM	36	20	14.70	14.55	14.59	
15	16QAM	36	39	14.49	14.90	14.45	15
15	16QAM	75	0	14.57	14.54	14.36	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	16.66	16.73	16.51	17
10	QPSK	1	25	16.54	16.63	16.42	
10	QPSK	1	49	16.43	16.32	16.25	
10	QPSK	25	0	15.65	15.87	15.63	
10	QPSK	25	12	15.72	15.63	15.46	16.5
10	QPSK	25	25	15.60	15.55	15.56	
10	QPSK	50	0	15.24	15.68	15.46	
10	16QAM	1	0	16.21	16.30	16.14	
10	16QAM	1	25	15.96	16.00	15.85	16.5
10	16QAM	1	49	15.95	16.02	15.83	
10	16QAM	25	0	14.72	14.81	14.57	
10	16QAM	25	12	14.67	14.52	14.56	
10	16QAM	25	25	14.46	14.87	14.42	15
10	16QAM	50	0	14.54	14.51	14.33	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	16.64	16.71	16.49	17
5	QPSK	1	12	16.60	16.61	16.40	
5	QPSK	1	24	16.41	16.30	16.23	
5	QPSK	12	0	15.63	15.85	15.61	
5	QPSK	12	7	15.70	15.61	15.44	16
5	QPSK	12	13	15.58	15.53	15.54	
5	QPSK	25	0	15.22	15.66	15.44	
5	16QAM	1	0	16.19	16.28	16.12	
5	16QAM	1	12	15.94	15.98	15.83	16.5
5	16QAM	1	24	15.93	16.00	15.81	

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	19.64	19.68	19.48	20
10	QPSK	1	25	19.22	19.41	19.57	
10	QPSK	1	49	19.28	19.31	19.55	
10	QPSK	25	0	18.03	18.31	18.24	
10	QPSK	25	12	18.17	18.04	18.07	19
10	QPSK	25	25	18.00	18.05	17.86	
10	QPSK	50	0	17.98	18.39	18.06	
10	16QAM	1	0	18.52	18.83	18.63	
10	16QAM	1	25	18.51	18.49	18.43	19
10	16QAM	1	49	18.48	18.72	18.54	
10	16QAM	25	0	17.11	17.19	17.28	
10	16QAM	25	12	17.10	17.14	17.22	
10	16QAM	25	25	17.15	17.54	17.59	18
10	16QAM	50	0	17.05	17.04	17.24	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	19.22	19.64	19.44	20
5	QPSK	1	12	19.18	19.37	19.53	
5	QPSK	1	24	19.24	19.27	19.51	
5	QPSK	12	0	17.99	18.27	18.20	
5	QPSK	12	7	18.13	18.00	18.03	19
5	QPSK	12	13	17.96	18.01	17.82	
5	QPSK	25	0	17.94	18.35	18.02	
5	16QAM	1	0	18.48	18.79	18.59	
5	16QAM	1	12	18.47	18.45	18.39	19
5	16QAM	1	24	18.44	18.68	18.50	
5	16QAM	12	0	17.07	17.15	17.24	
5	16QAM	12	7	17.06	17.10	17.18	
5	16QAM	12	13	17.11	17.50	17.55	18
5	16QAM	25	0	17.01	17.00	17.20	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	19.18	19.60	19.40	20
3	QPSK	1	8	19.14	19.33	19.49	
3	QPSK	1	14	19.20	19.23	19.47	
3	QPSK	8	0	17.95	18.23	18.16	
3	QPSK	8	4	18.09	17.96	17.99	19
3	QPSK	8	7	17.92	17.97	17.78	
3	QPSK	15	0	17.90	18.31	17.98	
3	16QAM	1	0	18.44	18.75	18.55	
3	16QAM	1	8	18.43	18.41	18.35	19
3	16QAM	1	14	18.40	18.64	18.46	
3	16QAM	8	0	17.03	17.11	17.20	
3	16QAM	8	4	17.02	17.06	17.14	
3	16QAM	8	7	17.07	17.46	17.51	18
3	16QAM	15	0	16.97	16.96	17.16	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	19.15	19.57	19.37	20
1.4	QPSK	1	3	19.11	19.30	19.46	
1.4	QPSK	1	5	19.17	19.20	19.44	
1.4	QPSK	3	0	17.92	18.20	18.13	
1.4	QPSK	3	1	18.06	17.93	17.96	19
1.4	QPSK	3	3	17.89	17.94	17.75	
1.4	QPSK	6	0	17.87	18.28	17.95	
1.4	16QAM	1	0	18.41	18.72	18.52	
1.4	16QAM	1	3	18.40	18.38	18.32	19
1.4	16QAM	1	5	18.37	18.61	18.43	
1.4	16QAM	3	0	17.00	17.08	17.17	
1.4	16QAM	3	1	16.99	17.03	17.11	
1.4	16QAM	3	3	17.04	17.43	17.48	18
1.4	16QAM	6	0	16.94	16.93	17.13	

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	19.87	20.03	19.94	20.5
10	QPSK	1	25	19.66	19.71	19.63	
10	QPSK	1	49	19.46	19.57	19.69	
10	QPSK	25	0	18.85	18.93	18.87	
10	QPSK	25	12	18.52	18.44	18.82	19.5
10	QPSK	25	25	18.81	18.88	18.48	
10	QPSK	50	0	18.51	18.68	18.97	
10	16QAM	1	0	19.41	19.11	19.34	
10	16QAM	1	25	19.25	19.12	19.18	19.5
10	16QAM	1	49	19.23	19.02	19.28	
10	16QAM	25	0	17.96	17.97	17.68	
10	16QAM	25	12	18.12	17.63	17.88	
10	16QAM	25	25	18.02	18.09	18.03	18.5
10	16QAM	50	0	18.22	17.80	17.90	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	19.51	19.99	19.58	20.5
5	QPSK	1	12	19.62	19.67	19.59	
5	QPSK	1	24	19.42	19.53	19.65	
5	QPSK	12	0	18.71	18.89	18.83	
5	QPSK	12	7	18.48	18.40	18.78	19.5
5	QPSK	12	13	18.77	18.84	18.44	
5	QPSK	25	0	18.47	18.64	18.93	
5	16QAM	1	0	19.37	19.07	19.30	
5	16QAM	1	12	19.21	19.08	19.14	19.5
5	16QAM	1	24	19.19	18.98	19.24	
5	16QAM	12	0	17.92	17.93	17.64	
5	16QAM	12	7	18.08	17.59	17.84	
5	16QAM	12	13	17.98	18.05	17.99	18.5
5	16QAM	25	0	18.18	17.76	17.86	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	19.93	19.98	19.78	20.5
3	QPSK	1	8	19.82	19.87	19.79	
3	QPSK	1	14	19.62	19.73	19.85	
3	QPSK	8	0	18.91	19.09	19.03	
3	QPSK	8	4	18.68	18.60	18.98	19.5
3	QPSK	8	7	18.97	19.04	18.64	
3	QPSK	15	0	18.67	18.84	19.13	
3	16QAM	1	0	19.57	19.27	19.50	
3	16QAM	1	8	19.41	19.28	19.34	19.5
3	16QAM	1	14	19.39	19.18	19.44	
3	16QAM	8	0	18.12	18.13	17.84	
3	16QAM	8	4	18.28	17.79	18.04	
3	16QAM	8	7	18.18	18.25	18.19	18.5
3	16QAM	15	0	18.38	17.96	18.06	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	19.89	19.94	19.74	20.5
1.4	QPSK	1	3	19.78	19.83	19.75	
1.4	QPSK	1	5	19.58	19.69	19.81	
1.4	QPSK	3	0	18.87	19.05	18.99	
1.4	QPSK	3	1	18.64	18.56	18.94	19.5
1.4	QPSK	3	3	18.93	19.00	18.60	
1.4	QPSK	6	0	18.63	18.80	19.09	
1.4	16QAM	1	0	19.53	19.23	19.46	
1.4	16QAM	1	3	19.37	19.24	19.30	19.5
1.4	16QAM	1	5	19.35	19.14	19.40	
1.4	16QAM	3	0	18.08	18.09	17.80	
1.4	16QAM	3	1	18.24	17.75	18.00	
1.4	16QAM	3	3	18.14	18.21	18.15	18.5
1.4	16QAM	6	0	18.34	17.92	18.02	

LTE Band 66							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				132072	132322	132572	16.5
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	15.32	15.84	15.45	
20	QPSK	1	49	15.20	15.32	15.37	15.5
20	QPSK	1	99	15.19	15.17	15.16	
20	QPSK	50	0	14.26	14.68	14.28	
20	QPSK	50	24	14.48	14.47	14.18	15.5
20	QPSK	50	50	14.49	14.43	14.24	
20	QPSK	100	0	14.44	14.46	14.01	
20	16QAM	1	0	14.81	14.74	14.53	15.5
20	16QAM	1	49	14.82	14.78	14.36	
20	16QAM	1	99	14.60	14.38	14.42	
20	16QAM	50	0	13.57	13.56	13.32	14.5
20	16QAM	50	24	13.72	13.29	13.27	
20	16QAM	50	50	13.28	13.33	13.24	
20	16QAM	100	0	13.89	13.58	13.40	16.5
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	15.29	15.81	15.42	15.5
15	QPSK	1	37	15.17	15.29	15.34	
15	QPSK	1	74	15.16	15.14	15.13	
15	QPSK	36	0	14.23	14.65	14.25	15.5
15	QPSK	36	20	14.45	14.44	14.15	
15	QPSK	36	39	14.46	14.40	14.21	
15	QPSK	75	0	14.41	14.43	13.98	15.5
15	16QAM	1	0	14.78	14.71	14.50	
15	16QAM	1	37	14.79	14.75	14.33	
15	16QAM	1	74	14.57	14.35	14.39	14.5
15	16QAM	36	0	13.54	13.53	13.29	
15	16QAM	36	20	13.69	13.26	13.24	
15	16QAM	36	39	13.25	13.30	13.21	16.5
15	16QAM	75	0	13.86	13.55	13.37	
Channel				132022	132322	132622	
Frequency (MHz)				1715	1745	1775	16.5
10	QPSK	1	0	15.26	15.78	15.39	
10	QPSK	1	25	15.14	15.26	15.31	
10	QPSK	1	49	15.13	15.11	15.10	15.5
10	QPSK	25	0	14.20	14.62	14.22	
10	QPSK	25	12	14.42	14.41	14.12	
10	QPSK	25	25	14.43	14.37	14.18	15.5
10	QPSK	50	0	14.38	14.40	13.95	
10	16QAM	1	0	14.75	14.68	14.47	
10	16QAM	1	25	14.76	14.72	14.30	14.5
10	16QAM	1	49	14.54	14.32	14.36	
10	16QAM	25	0	13.51	13.50	13.26	
10	16QAM	25	12	13.66	13.23	13.21	16.5
10	16QAM	25	25	13.22	13.27	13.18	
10	16QAM	50	0	13.83	13.52	13.34	
Channel				131997	132322	132647	16.5
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	15.21	15.73	15.34	
5	QPSK	1	12	15.09	15.21	15.26	15.5
5	QPSK	1	24	15.08	15.06	15.05	
5	QPSK	12	0	14.15	14.57	14.17	
5	QPSK	12	7	14.37	14.36	14.07	15.5
5	QPSK	12	13	14.38	14.32	14.13	
5	QPSK	25	0	14.33	14.35	13.90	
5	16QAM	1	0	14.70	14.63	14.42	15.5
5	16QAM	1	12	14.71	14.67	14.25	
5	16QAM	1	24	14.49	14.27	14.31	
5	16QAM	12	0	13.46	13.45	13.21	14.5
5	16QAM	12	7	13.61	13.18	13.16	
5	16QAM	12	13	13.17	13.22	13.13	
5	16QAM	25	0	13.78	13.47	13.29	16.5
Channel				131987	132322	132657	
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	15.19	15.71	15.32	15.5
3	QPSK	1	8	15.07	15.19	15.24	
3	QPSK	1	14	15.06	15.04	15.03	
3	QPSK	8	0	14.13	14.55	14.15	15.5
3	QPSK	8	4	14.35	14.34	14.05	
3	QPSK	8	7	14.36	14.30	14.11	
3	QPSK	15	0	14.31	14.33	13.88	15.5
3	16QAM	1	0	14.68	14.61	14.40	
3	16QAM	1	8	14.69	14.65	14.23	
3	16QAM	1	14	14.47	14.25	14.29	14.5
3	16QAM	8	0	13.44	13.43	13.19	
3	16QAM	8	4	13.59	13.16	13.14	
3	16QAM	8	7	13.15	13.20	13.11	16.5
3	16QAM	15	0	13.76	13.45	13.27	
Channel				131979	132322	132665	
Frequency (MHz)				1710.7	1745	1779.3	16.5
1.4	QPSK	1	0	15.17	15.69	15.30	
1.4	QPSK	1	3	15.05	15.17	15.22	
1.4	QPSK	1	5	15.04	15.02	15.01	15.5
1.4	QPSK	3	0	14.11	14.53	14.13	
1.4	QPSK	3	1	14.33	14.32	14.03	
1.4	QPSK	3	3	14.34	14.28	14.09	15.5
1.4	QPSK	6	0	14.29	14.31	13.86	
1.4	16QAM	1	0	14.66	14.59	14.38	
1.4	16QAM	1	3	14.67	14.63	14.21	15.5
1.4	16QAM	1	5	14.45	14.23	14.27	
1.4	16QAM	3	0	13.42	13.41	13.17	
1.4	16QAM	3	1	13.57	13.14	13.12	14.5
1.4	16QAM	3	3	13.13	13.18	13.09	
1.4	16QAM	6	0	13.74	13.43	13.25	

LTE Band 71							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				133222	133322	133372	23.5
Frequency (MHz)				673	683	698	
20	QPSK	1	0	22.95	23.05	22.83	
20	QPSK	1	49	22.71	22.84	22.64	22.5
20	QPSK	1	99	22.64	22.73	22.57	
20	QPSK	50	0	21.79	21.95	21.85	
20	QPSK	50	24	21.60	21.70	21.64	22.5
20	QPSK	50	50	21.71	21.78	21.52	
20	QPSK	100	0	21.60	21.74	21.72	
20	16QAM	1	0	22.20	22.27	22.13	22.5
20	16QAM	1	49	22.15	22.22	22.06	
20	16QAM	1	99	22.03	22.05	21.78	
20	16QAM	50	0	20.72	20.76	20.86	21.5
20	16QAM	50	24	20.69	20.75	20.87	
20	16QAM	50	50	20.60	20.68	20.63	
20	16QAM	100	0	20.74	20.83	20.80	23.5
Channel				133197	133297	133397	
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.93	23.03	22.81	23.5
15	QPSK	1	37	22.69	22.82	22.62	
15	QPSK	1	74	22.62	22.71	22.55	
15	QPSK	36	0	21.77	21.93	21.83	22.5
15	QPSK	36	20	21.58	21.68	21.62	
15	QPSK	36	39	21.69	21.76	21.50	
15	QPSK	75	0	21.58	21.72	21.70	22.5
15	16QAM	1	0	22.18	22.25	22.11	
15	16QAM	1	37	22.13	22.20	22.04	
15	16QAM	1	74	22.01	22.03	21.76	21.5
15	16QAM	36	0	20.70	20.74	20.84	
15	16QAM	36	20	20.67	20.73	20.85	
15	16QAM	36	39	20.58	20.66	20.61	23.5
15	16QAM	75	0	20.72	20.81	20.78	
Channel				133172	133272	133422	
Frequency (MHz)				668	678	693	23.5
10	QPSK	1	0	22.92	23.02	22.80	
10	QPSK	1	25	22.68	22.81	22.61	22.5
10	QPSK	1	49	22.61	22.70	22.54	
10	QPSK	25	0	21.76	21.92	21.82	22.5
10	QPSK	25	12	21.57	21.67	21.61	
10	QPSK	25	25	21.68	21.75	21.49	
10	QPSK	50	0	21.57	21.71	21.69	22.5
10	16QAM	1	0	22.17	22.24	22.10	
10	16QAM	1	25	22.12	22.19	22.03	
10	16QAM	1	49	22.00	22.02	21.75	21.5
10	16QAM	25	0	20.69	20.73	20.83	
10	16QAM	25	12	20.66	20.72	20.84	
10	16QAM	25	25	20.57	20.65	20.60	23.5
10	16QAM	50	0	20.71	20.80	20.77	
Channel				133147	133247	133447	
Frequency (MHz)				665.5	675.5	695.5	23.5
5	QPSK	1	0	22.94	23.04	22.82	
5	QPSK	1	12	22.70	22.83	22.63	22.5
5	QPSK	1	24	22.63	22.72	22.56	
5	QPSK	12	0	21.78	21.94	21.84	22.5
5	QPSK	12	7	21.59	21.69	21.63	
5	QPSK	12	13	21.70	21.77	21.51	
5	QPSK	25	0	21.59	21.73	21.71	22.5
5	16QAM	1	0	22.19	22.26	22.12	
5	16QAM	1	12	22.14	22.21	22.05	
5	16QAM	1	24	22.02	22.04	21.77	21.5
5	16QAM	12	0	20.71	20.75	20.85	
5	16QAM	12	7	20.68	20.74	20.86	
5	16QAM	12	13	20.59	20.67	20.62	

2.4GHz WLAN

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	CH 1	2412	8.41	9.00	98.72
		CH 6	2437	9.32	10.00	
		CH 11	2462	9.85	10.50	
	802.11g 6Mbps	CH 1	2412	7.94	8.50	92.44
		CH 6	2437	8.17	8.50	
		CH 11	2462	8.49	9.00	
	802.11n-HT20 MCS0	CH 1	2412	7.56	8.00	91.61
		CH 6	2437	8.54	9.00	
		CH 11	2462	8.81	9.50	

Bluetooth

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	3.67	2.25	2.43
	CH 39	2441	4.07	2.46	2.60
	CH 78	2480	4.58	2.53	2.56
Tune-up Limit			5.50	3.50	3.50
Duty Cycle %			77.60	77.07	77.33

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
BLE	CH 00	2402	-2.05
	CH 19	2440	-1.84
	CH 39	2480	-2.50
Tune-up Limit			-2.00
Duty Cycle %			32.00