



Radiated Power (EIRP) for LTE Band 38 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	23.98	1.1	25.08	2.00	33.01	PASS
		1	12		24.05	1.1	25.15	2.00	33.01	PASS
		1	24		24.06	1.1	25.16	2.00	33.01	PASS
		12	0		22.86	1.1	23.96	2.00	33.01	PASS
		12	6		22.87	1.1	23.97	2.00	33.01	PASS
		12	11		22.90	1.1	24.00	2.00	33.01	PASS
		25	0		22.93	1.1	24.03	2.00	33.01	PASS
		1	0	16QAM	23.22	1.1	24.32	2.00	33.01	PASS
		1	12		23.29	1.1	24.39	2.00	33.01	PASS
		1	24		23.30	1.1	24.40	2.00	33.01	PASS
		12	0		21.87	1.1	22.97	2.00	33.01	PASS
		12	6		21.91	1.1	23.01	2.00	33.01	PASS
		12	11		21.94	1.1	23.04	2.00	33.01	PASS
		25	0		21.92	1.1	23.02	2.00	33.01	PASS
	Middle	1	0	QPSK	23.91	1.1	25.01	2.00	33.01	PASS
		1	12		23.97	1.1	25.07	2.00	33.01	PASS
		1	24		23.98	1.1	25.08	2.00	33.01	PASS
		12	0		22.90	1.1	24.00	2.00	33.01	PASS
		12	6		22.87	1.1	23.97	2.00	33.01	PASS
		12	11		22.95	1.1	24.05	2.00	33.01	PASS
		25	0		22.99	1.1	24.09	2.00	33.01	PASS
		1	0	16QAM	22.95	1.1	24.05	2.00	33.01	PASS
		1	12		23.03	1.1	24.13	2.00	33.01	PASS
		1	24		22.98	1.1	24.08	2.00	33.01	PASS
		12	0		22.03	1.1	23.13	2.00	33.01	PASS
		12	6		22.01	1.1	23.11	2.00	33.01	PASS
		12	11		22.07	1.1	23.17	2.00	33.01	PASS
		25	0		21.94	1.1	23.04	2.00	33.01	PASS
	Highest	1	0	QPSK	24.24	1.1	25.34	2.00	33.01	PASS
		1	12		24.25	1.1	25.35	2.00	33.01	PASS
		1	24		24.27	1.1	25.37	2.00	33.01	PASS
		12	0		23.26	1.1	24.36	2.00	33.01	PASS
		12	6		23.23	1.1	24.33	2.00	33.01	PASS
		12	11		23.19	1.1	24.29	2.00	33.01	PASS
		25	0		23.27	1.1	24.37	2.00	33.01	PASS
		1	0	16QAM	23.30	1.1	24.40	2.00	33.01	PASS
		1	12		23.35	1.1	24.45	2.00	33.01	PASS
		1	24		23.34	1.1	24.44	2.00	33.01	PASS
		12	0		22.35	1.1	23.45	2.00	33.01	PASS
		12	6		22.35	1.1	23.45	2.00	33.01	PASS
		12	11		22.36	1.1	23.46	2.00	33.01	PASS
		25	0		22.27	1.1	23.37	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 38 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	23.84	1.1	24.94	2.00	33.01	PASS
		1	24		23.89	1.1	24.99	2.00	33.01	PASS
		1	49		23.98	1.1	25.08	2.00	33.01	PASS
		25	0		22.84	1.1	23.94	2.00	33.01	PASS
		25	12		22.91	1.1	24.01	2.00	33.01	PASS
		25	24		22.96	1.1	24.06	2.00	33.01	PASS
		50	0		22.92	1.1	24.02	2.00	33.01	PASS
		1	0	16QAM	23.13	1.1	24.23	2.00	33.01	PASS
		1	24		23.17	1.1	24.27	2.00	33.01	PASS
		1	49		23.27	1.1	24.37	2.00	33.01	PASS
		25	0		21.84	1.1	22.94	2.00	33.01	PASS
		25	12		21.87	1.1	22.97	2.00	33.01	PASS
		25	24		21.94	1.1	23.04	2.00	33.01	PASS
		50	0		21.95	1.1	23.05	2.00	33.01	PASS
	Middle	1	0	QPSK	23.83	1.1	24.93	2.00	33.01	PASS
		1	24		23.88	1.1	24.98	2.00	33.01	PASS
		1	49		23.93	1.1	25.03	2.00	33.01	PASS
		25	0		22.95	1.1	24.05	2.00	33.01	PASS
		25	12		22.93	1.1	24.03	2.00	33.01	PASS
		25	24		22.96	1.1	24.06	2.00	33.01	PASS
		50	0		22.98	1.1	24.08	2.00	33.01	PASS
		1	0	16QAM	23.24	1.1	24.34	2.00	33.01	PASS
		1	24		23.29	1.1	24.39	2.00	33.01	PASS
		1	49		23.32	1.1	24.42	2.00	33.01	PASS
		25	0		22.00	1.1	23.10	2.00	33.01	PASS
		25	12		21.99	1.1	23.09	2.00	33.01	PASS
		25	24		22.03	1.1	23.13	2.00	33.01	PASS
		50	0		21.97	1.1	23.07	2.00	33.01	PASS
	Highest	1	0	QPSK	24.23	1.1	25.33	2.00	33.01	PASS
		1	24		24.15	1.1	25.25	2.00	33.01	PASS
		1	49		24.19	1.1	25.29	2.00	33.01	PASS
		25	0		23.29	1.1	24.39	2.00	33.01	PASS
		25	12		23.26	1.1	24.36	2.00	33.01	PASS
		25	24		23.29	1.1	24.39	2.00	33.01	PASS
		50	0		23.25	1.1	24.35	2.00	33.01	PASS
		1	0	16QAM	23.26	1.1	24.36	2.00	33.01	PASS
		1	24		23.18	1.1	24.28	2.00	33.01	PASS
		1	49		23.20	1.1	24.30	2.00	33.01	PASS
		25	0		22.30	1.1	23.40	2.00	33.01	PASS
		25	12		22.26	1.1	23.36	2.00	33.01	PASS
		25	24		22.28	1.1	23.38	2.00	33.01	PASS
		50	0		22.29	1.1	23.39	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 38 /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	23.87	1.1	24.97	2.00	33.01	PASS
		1	37		23.95	1.1	25.05	2.00	33.01	PASS
		1	74		24.07	1.1	25.17	2.00	33.01	PASS
		36	0		22.88	1.1	23.98	2.00	33.01	PASS
		36	18		22.94	1.1	24.04	2.00	33.01	PASS
		36	39		22.98	1.1	24.08	2.00	33.01	PASS
		75	0		22.96	1.1	24.06	2.00	33.01	PASS
		1	0	16QAM	23.02	1.1	24.12	2.00	33.01	PASS
		1	37		23.08	1.1	24.18	2.00	33.01	PASS
		1	74		23.24	1.1	24.34	2.00	33.01	PASS
		36	0		21.86	1.1	22.96	2.00	33.01	PASS
		36	18		21.89	1.1	22.99	2.00	33.01	PASS
		36	39		21.98	1.1	23.08	2.00	33.01	PASS
		75	0		22.00	1.1	23.10	2.00	33.01	PASS
	Middle	1	0	QPSK	23.96	1.1	25.06	2.00	33.01	PASS
		1	37		24.03	1.1	25.13	2.00	33.01	PASS
		1	74		24.03	1.1	25.13	2.00	33.01	PASS
		36	0		23.04	1.1	24.14	2.00	33.01	PASS
		36	18		23.03	1.1	24.13	2.00	33.01	PASS
		36	39		23.08	1.1	24.18	2.00	33.01	PASS
		75	0		23.04	1.1	24.14	2.00	33.01	PASS
		1	0	16QAM	23.39	1.1	24.49	2.00	33.01	PASS
		1	37		23.46	1.1	24.56	2.00	33.01	PASS
		1	74		23.46	1.1	24.56	2.00	33.01	PASS
		36	0		22.04	1.1	23.14	2.00	33.01	PASS
		36	18		22.05	1.1	23.15	2.00	33.01	PASS
		36	39		22.08	1.1	23.18	2.00	33.01	PASS
		75	0		22.08	1.1	23.18	2.00	33.01	PASS
	Highest	1	0	QPSK	24.23	1.1	25.33	2.00	33.01	PASS
		1	37		24.17	1.1	25.27	2.00	33.01	PASS
		1	74		24.16	1.1	25.26	2.00	33.01	PASS
		36	0		23.30	1.1	24.40	2.00	33.01	PASS
		36	18		23.24	1.1	24.34	2.00	33.01	PASS
		36	39		23.23	1.1	24.33	2.00	33.01	PASS
		75	0		23.28	1.1	24.38	2.00	33.01	PASS
		1	0	16QAM	23.22	1.1	24.32	2.00	33.01	PASS
		1	37		23.18	1.1	24.28	2.00	33.01	PASS
		1	74		23.17	1.1	24.27	2.00	33.01	PASS
		36	0		22.31	1.1	23.41	2.00	33.01	PASS
		36	18		22.28	1.1	23.38	2.00	33.01	PASS
		36	39		22.26	1.1	23.36	2.00	33.01	PASS
		75	0		22.30	1.1	23.40	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 38 /20M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
20	Lowest	1	0	QPSK	23.84	1.1	24.94	2.00	33.01	PASS
		1	49		23.94	1.1	25.04	2.00	33.01	PASS
		1	99		24.16	1.1	25.26	2.00	33.01	PASS
		50	0		22.89	1.1	23.99	2.00	33.01	PASS
		50	24		23.01	1.1	24.11	2.00	33.01	PASS
		50	49		23.10	1.1	24.20	2.00	33.01	PASS
		100	0		23.00	1.1	24.10	2.00	33.01	PASS
		1	0	16QAM	22.87	1.1	23.97	2.00	33.01	PASS
		1	49		22.99	1.1	24.09	2.00	33.01	PASS
		1	99		23.18	1.1	24.28	2.00	33.01	PASS
		50	0		21.93	1.1	23.03	2.00	33.01	PASS
		50	24		22.02	1.1	23.12	2.00	33.01	PASS
		50	49		22.09	1.1	23.19	2.00	33.01	PASS
		100	0		22.00	1.1	23.10	2.00	33.01	PASS
	Middle	1	0	QPSK	23.96	1.1	25.06	2.00	33.01	PASS
		1	49		24.04	1.1	25.14	2.00	33.01	PASS
		1	99		24.08	1.1	25.18	2.00	33.01	PASS
		50	0		23.08	1.1	24.18	2.00	33.01	PASS
		50	24		23.14	1.1	24.24	2.00	33.01	PASS
		50	49		23.12	1.1	24.22	2.00	33.01	PASS
		100	0		23.12	1.1	24.22	2.00	33.01	PASS
		1	0	16QAM	23.21	1.1	24.31	2.00	33.01	PASS
		1	49		23.35	1.1	24.45	2.00	33.01	PASS
		1	99		23.26	1.1	24.36	2.00	33.01	PASS
		50	0		22.06	1.1	23.16	2.00	33.01	PASS
		50	24		22.12	1.1	23.22	2.00	33.01	PASS
		50	49		22.14	1.1	23.24	2.00	33.01	PASS
		100	0		22.11	1.1	23.21	2.00	33.01	PASS
	Highest	1	0	QPSK	24.39	1.1	25.49	2.00	33.01	PASS
		1	49		24.41	1.1	25.51	2.00	33.01	PASS
		1	99		24.29	1.1	25.39	2.00	33.01	PASS
		50	0		23.26	1.1	24.36	2.00	33.01	PASS
		50	24		23.23	1.1	24.33	2.00	33.01	PASS
		50	49		23.17	1.1	24.27	2.00	33.01	PASS
		100	0		23.22	1.1	24.32	2.00	33.01	PASS
		1	0	16QAM	23.28	1.1	24.38	2.00	33.01	PASS
		1	49		23.22	1.1	24.32	2.00	33.01	PASS
		1	99		23.27	1.1	24.37	2.00	33.01	PASS
		50	0		22.31	1.1	23.41	2.00	33.01	PASS
		50	24		22.21	1.1	23.31	2.00	33.01	PASS
		50	49		22.22	1.1	23.32	2.00	33.01	PASS
		100	0		22.18	1.1	23.28	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 40 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	14.81	0.7	15.51	0.25	23.98	PASS
		1	12		14.86	0.7	15.56	0.25	23.98	PASS
		1	24		14.86	0.7	15.56	0.25	23.98	PASS
		12	0		13.69	0.7	14.39	0.25	23.98	PASS
		12	6		13.75	0.7	14.45	0.25	23.98	PASS
		12	11		13.77	0.7	14.47	0.25	23.98	PASS
		25	0		13.77	0.7	14.47	0.25	23.98	PASS
		1	0	16QAM	14.08	0.7	14.78	0.25	23.98	PASS
		1	12		14.15	0.7	14.85	0.25	23.98	PASS
		1	24		14.11	0.7	14.81	0.25	23.98	PASS
		12	0		12.74	0.7	13.44	0.25	23.98	PASS
		12	6		12.78	0.7	13.48	0.25	23.98	PASS
		12	11		12.76	0.7	13.46	0.25	23.98	PASS
		25	0		12.69	0.7	13.39	0.25	23.98	PASS
	Middle	1	0	QPSK	14.55	0.7	15.25	0.25	23.98	PASS
		1	12		14.61	0.7	15.31	0.25	23.98	PASS
		1	24		14.63	0.7	15.33	0.25	23.98	PASS
		12	0		13.61	0.7	14.31	0.25	23.98	PASS
		12	6		13.58	0.7	14.28	0.25	23.98	PASS
		12	11		13.63	0.7	14.33	0.25	23.98	PASS
		25	0		13.62	0.7	14.32	0.25	23.98	PASS
		1	0	16QAM	13.61	0.7	14.31	0.25	23.98	PASS
		1	12		13.66	0.7	14.36	0.25	23.98	PASS
		1	24		13.69	0.7	14.39	0.25	23.98	PASS
		12	0		12.73	0.7	13.43	0.25	23.98	PASS
		12	6		12.71	0.7	13.41	0.25	23.98	PASS
		12	11		12.73	0.7	13.43	0.25	23.98	PASS
		25	0		12.56	0.7	13.26	0.25	23.98	PASS
	Highest	1	0	QPSK	14.65	0.7	15.35	0.25	23.98	PASS
		1	12		14.68	0.7	15.38	0.25	23.98	PASS
		1	24		14.66	0.7	15.36	0.25	23.98	PASS
		12	0		13.58	0.7	14.28	0.25	23.98	PASS
		12	6		13.62	0.7	14.32	0.25	23.98	PASS
		12	11		13.62	0.7	14.32	0.25	23.98	PASS
		25	0		13.65	0.7	14.35	0.25	23.98	PASS
		1	0	16QAM	13.71	0.7	14.41	0.25	23.98	PASS
		1	12		13.74	0.7	14.44	0.25	23.98	PASS
		1	24		13.73	0.7	14.43	0.25	23.98	PASS
		12	0		12.71	0.7	13.41	0.25	23.98	PASS
		12	6		12.74	0.7	13.44	0.25	23.98	PASS
		12	11		12.72	0.7	13.42	0.25	23.98	PASS
		25	0		12.64	0.7	13.34	0.25	23.98	PASS



Radiated Power (EIRP) for LTE Band 40 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	14.71	0.7	15.41	0.25	23.98	PASS
		1	12		14.68	0.7	15.38	0.25	23.98	PASS
		1	24		14.61	0.7	15.31	0.25	23.98	PASS
		12	0		13.51	0.7	14.21	0.25	23.98	PASS
		12	6		13.47	0.7	14.17	0.25	23.98	PASS
		12	11		13.48	0.7	14.18	0.25	23.98	PASS
		25	0		13.50	0.7	14.20	0.25	23.98	PASS
		1	0	16QAM	13.91	0.7	14.61	0.25	23.98	PASS
		1	12		13.92	0.7	14.62	0.25	23.98	PASS
		1	24		13.82	0.7	14.52	0.25	23.98	PASS
		12	0		12.53	0.7	13.23	0.25	23.98	PASS
		12	6		12.52	0.7	13.22	0.25	23.98	PASS
		12	11		12.48	0.7	13.18	0.25	23.98	PASS
		25	0		12.48	0.7	13.18	0.25	23.98	PASS
	Middle	1	0	QPSK	14.37	0.7	15.07	0.25	23.98	PASS
		1	12		14.36	0.7	15.06	0.25	23.98	PASS
		1	24		14.30	0.7	15.00	0.25	23.98	PASS
		12	0		13.32	0.7	14.02	0.25	23.98	PASS
		12	6		13.33	0.7	14.03	0.25	23.98	PASS
		12	11		13.32	0.7	14.02	0.25	23.98	PASS
		25	0		13.35	0.7	14.05	0.25	23.98	PASS
		1	0	16QAM	13.42	0.7	14.12	0.25	23.98	PASS
		1	12		13.37	0.7	14.07	0.25	23.98	PASS
		1	24		13.34	0.7	14.04	0.25	23.98	PASS
		12	0		12.48	0.7	13.18	0.25	23.98	PASS
		12	6		12.42	0.7	13.12	0.25	23.98	PASS
		12	11		12.45	0.7	13.15	0.25	23.98	PASS
		25	0		12.35	0.7	13.05	0.25	23.98	PASS
	Highest	1	0	QPSK	14.37	0.7	15.07	0.25	23.98	PASS
		1	12		14.33	0.7	15.03	0.25	23.98	PASS
		1	24		14.28	0.7	14.98	0.25	23.98	PASS
		12	0		13.32	0.7	14.02	0.25	23.98	PASS
		12	6		13.28	0.7	13.98	0.25	23.98	PASS
		12	11		13.30	0.7	14.00	0.25	23.98	PASS
		25	0		13.37	0.7	14.07	0.25	23.98	PASS
		1	0	16QAM	13.46	0.7	14.16	0.25	23.98	PASS
		1	12		13.44	0.7	14.14	0.25	23.98	PASS
		1	24		13.37	0.7	14.07	0.25	23.98	PASS
		12	0		12.39	0.7	13.09	0.25	23.98	PASS
		12	6		12.40	0.7	13.10	0.25	23.98	PASS
		12	11		12.39	0.7	13.09	0.25	23.98	PASS
		25	0		12.36	0.7	13.06	0.25	23.98	PASS



Radiated Power (EIRP) for LTE Band 40 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Highest	1	0	QPSK	14.55	0.7	15.25	0.50	26.99	PASS
		1	24		14.64	0.7	15.34	0.50	26.99	PASS
		1	49		14.68	0.7	15.38	0.50	26.99	PASS
		25	0		13.71	0.7	14.41	0.50	26.99	PASS
		25	12		13.71	0.7	14.41	0.50	26.99	PASS
		25	24		13.79	0.7	14.49	0.50	26.99	PASS
		50	0		13.76	0.7	14.46	0.50	26.99	PASS
		1	0	16QAM	13.57	0.7	14.27	0.50	26.99	PASS
		1	24		13.62	0.7	14.32	0.50	26.99	PASS
		1	49		13.68	0.7	14.38	0.50	26.99	PASS
		25	0		12.70	0.7	13.40	0.50	26.99	PASS
		25	12		12.73	0.7	13.43	0.50	26.99	PASS
		25	24		12.80	0.7	13.50	0.50	26.99	PASS
		50	0		12.74	0.7	13.44	0.50	26.99	PASS

Radiated Power (EIRP) for LTE Band 40 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Highest	1	0	QPSK	14.56	0.7	15.26	0.50	26.99	PASS
		1	24		14.45	0.7	15.15	0.50	26.99	PASS
		1	49		14.42	0.7	15.12	0.50	26.99	PASS
		25	0		13.43	0.7	14.13	0.50	26.99	PASS
		25	12		13.41	0.7	14.11	0.50	26.99	PASS
		25	24		13.44	0.7	14.14	0.50	26.99	PASS
		50	0		13.45	0.7	14.15	0.50	26.99	PASS
		1	0	16QAM	13.83	0.7	14.53	0.50	26.99	PASS
		1	24		13.72	0.7	14.42	0.50	26.99	PASS
		1	49		13.69	0.7	14.39	0.50	26.99	PASS
		25	0		12.44	0.7	13.14	0.50	26.99	PASS
		25	12		12.40	0.7	13.10	0.50	26.99	PASS
		25	24		12.43	0.7	13.13	0.50	26.99	PASS
		50	0		12.47	0.7	13.17	0.50	26.99	PASS



Radiated Power (EIRP) for LTE Band 41 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	23.45	1.1	24.55	2.00	33.01	PASS
		1	12		23.46	1.1	24.56	2.00	33.01	PASS
		1	24		23.46	1.1	24.56	2.00	33.01	PASS
		12	0		23.31	1.1	24.41	2.00	33.01	PASS
		12	6		23.30	1.1	24.40	2.00	33.01	PASS
		12	11		23.33	1.1	24.43	2.00	33.01	PASS
		25	0		23.35	1.1	24.45	2.00	33.01	PASS
		1	0	16QAM	23.73	1.1	24.83	2.00	33.01	PASS
		1	12		23.74	1.1	24.84	2.00	33.01	PASS
		1	24		23.72	1.1	24.82	2.00	33.01	PASS
		12	0		23.37	1.1	24.47	2.00	33.01	PASS
		12	6		23.32	1.1	24.42	2.00	33.01	PASS
		12	11		23.42	1.1	24.52	2.00	33.01	PASS
		25	0		23.35	1.1	24.45	2.00	33.01	PASS
	Middle	1	0	QPSK	24.98	1.1	26.08	2.00	33.01	PASS
		1	12		25.04	1.1	26.14	2.00	33.01	PASS
		1	24		25.05	1.1	26.15	2.00	33.01	PASS
		12	0		24.96	1.1	26.06	2.00	33.01	PASS
		12	6		25.01	1.1	26.11	2.00	33.01	PASS
		12	11		25.06	1.1	26.16	2.00	33.01	PASS
		25	0		25.07	1.1	26.17	2.00	33.01	PASS
		1	0	16QAM	25.01	1.1	26.11	2.00	33.01	PASS
		1	12		25.09	1.1	26.19	2.00	33.01	PASS
		1	24		25.08	1.1	26.18	2.00	33.01	PASS
		12	0		25.17	1.1	26.27	2.00	33.01	PASS
		12	6		25.22	1.1	26.32	2.00	33.01	PASS
		12	11		25.19	1.1	26.29	2.00	33.01	PASS
		25	0		25.05	1.1	26.15	2.00	33.01	PASS
	Highest	1	0	QPSK	23.85	1.1	24.95	2.00	33.01	PASS
		1	12		23.80	1.1	24.90	2.00	33.01	PASS
		1	24		23.75	1.1	24.85	2.00	33.01	PASS
		12	0		23.77	1.1	24.87	2.00	33.01	PASS
		12	6		23.84	1.1	24.94	2.00	33.01	PASS
		12	11		23.72	1.1	24.82	2.00	33.01	PASS
		25	0		23.82	1.1	24.92	2.00	33.01	PASS
		1	0	16QAM	23.92	1.1	25.02	2.00	33.01	PASS
		1	12		23.86	1.1	24.96	2.00	33.01	PASS
		1	24		23.83	1.1	24.93	2.00	33.01	PASS
		12	0		23.87	1.1	24.97	2.00	33.01	PASS
		12	6		23.81	1.1	24.91	2.00	33.01	PASS
		12	11		23.86	1.1	24.96	2.00	33.01	PASS
		25	0		23.83	1.1	24.93	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 41 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	23.30	1.1	24.40	2.00	33.01	PASS
		1	24		23.30	1.1	24.40	2.00	33.01	PASS
		1	49		23.33	1.1	24.43	2.00	33.01	PASS
		25	0		23.37	1.1	24.47	2.00	33.01	PASS
		25	12		23.37	1.1	24.47	2.00	33.01	PASS
		25	24		23.43	1.1	24.53	2.00	33.01	PASS
		50	0		23.36	1.1	24.46	2.00	33.01	PASS
		1	0	16QAM	23.68	1.1	24.78	2.00	33.01	PASS
		1	24		23.68	1.1	24.78	2.00	33.01	PASS
		1	49		23.72	1.1	24.82	2.00	33.01	PASS
		25	0		23.44	1.1	24.54	2.00	33.01	PASS
		25	12		23.42	1.1	24.52	2.00	33.01	PASS
		25	24		23.47	1.1	24.57	2.00	33.01	PASS
		50	0		23.38	1.1	24.48	2.00	33.01	PASS
	Middle	1	0	QPSK	24.86	1.1	25.96	2.00	33.01	PASS
		1	24		24.94	1.1	26.04	2.00	33.01	PASS
		1	49		24.97	1.1	26.07	2.00	33.01	PASS
		25	0		25.02	1.1	26.12	2.00	33.01	PASS
		25	12		25.00	1.1	26.10	2.00	33.01	PASS
		25	24		25.07	1.1	26.17	2.00	33.01	PASS
		50	0		25.08	1.1	26.18	2.00	33.01	PASS
		1	0	16QAM	24.86	1.1	25.96	2.00	33.01	PASS
		1	24		24.95	1.1	26.05	2.00	33.01	PASS
		1	49		24.97	1.1	26.07	2.00	33.01	PASS
		25	0		25.05	1.1	26.15	2.00	33.01	PASS
		25	12		25.02	1.1	26.12	2.00	33.01	PASS
		25	24		25.12	1.1	26.22	2.00	33.01	PASS
		50	0		25.06	1.1	26.16	2.00	33.01	PASS
	Highest	1	0	QPSK	23.86	1.1	24.96	2.00	33.01	PASS
		1	24		23.74	1.1	24.84	2.00	33.01	PASS
		1	49		23.74	1.1	24.84	2.00	33.01	PASS
		25	0		23.81	1.1	24.91	2.00	33.01	PASS
		25	12		23.75	1.1	24.85	2.00	33.01	PASS
		25	24		23.70	1.1	24.80	2.00	33.01	PASS
		50	0		23.77	1.1	24.87	2.00	33.01	PASS
		1	0	16QAM	24.12	1.1	25.22	2.00	33.01	PASS
		1	24		24.03	1.1	25.13	2.00	33.01	PASS
		1	49		23.97	1.1	25.07	2.00	33.01	PASS
		25	0		23.80	1.1	24.90	2.00	33.01	PASS
		25	12		23.76	1.1	24.86	2.00	33.01	PASS
		25	24		23.70	1.1	24.80	2.00	33.01	PASS
		50	0		23.77	1.1	24.87	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 41 /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	23.28	1.1	24.38	2.00	33.01	PASS
		1	37		23.31	1.1	24.41	2.00	33.01	PASS
		1	74		23.35	1.1	24.45	2.00	33.01	PASS
		36	0		23.31	1.1	24.41	2.00	33.01	PASS
		36	18		23.34	1.1	24.44	2.00	33.01	PASS
		36	39		23.35	1.1	24.45	2.00	33.01	PASS
		75	0		23.39	1.1	24.49	2.00	33.01	PASS
		1	0	16QAM	23.70	1.1	24.80	2.00	33.01	PASS
		1	37		23.70	1.1	24.80	2.00	33.01	PASS
		1	74		23.73	1.1	24.83	2.00	33.01	PASS
		36	0		23.33	1.1	24.43	2.00	33.01	PASS
		36	18		23.36	1.1	24.46	2.00	33.01	PASS
		36	39		23.38	1.1	24.48	2.00	33.01	PASS
		75	0		23.39	1.1	24.49	2.00	33.01	PASS
	Middle	1	0	QPSK	24.86	1.1	25.96	2.00	33.01	PASS
		1	37		25.04	1.1	26.14	2.00	33.01	PASS
		1	74		24.95	1.1	26.05	2.00	33.01	PASS
		36	0		24.95	1.1	26.05	2.00	33.01	PASS
		36	18		25.00	1.1	26.10	2.00	33.01	PASS
		36	39		25.07	1.1	26.17	2.00	33.01	PASS
		75	0		25.04	1.1	26.14	2.00	33.01	PASS
		1	0	16QAM	24.86	1.1	25.96	2.00	33.01	PASS
		1	37		25.02	1.1	26.12	2.00	33.01	PASS
		1	74		24.97	1.1	26.07	2.00	33.01	PASS
		36	0		25.02	1.1	26.12	2.00	33.01	PASS
		36	18		25.01	1.1	26.11	2.00	33.01	PASS
		36	39		25.10	1.1	26.20	2.00	33.01	PASS
		75	0		25.06	1.1	26.16	2.00	33.01	PASS
	Highest	1	0	QPSK	24.06	1.1	25.16	2.00	33.01	PASS
		1	37		23.89	1.1	24.99	2.00	33.01	PASS
		1	74		23.75	1.1	24.85	2.00	33.01	PASS
		36	0		23.96	1.1	25.06	2.00	33.01	PASS
		36	18		23.89	1.1	24.99	2.00	33.01	PASS
		36	39		23.72	1.1	24.82	2.00	33.01	PASS
		75	0		23.90	1.1	25.00	2.00	33.01	PASS
		1	0	16QAM	24.15	1.1	25.25	2.00	33.01	PASS
		1	37		24.01	1.1	25.11	2.00	33.01	PASS
		1	74		23.88	1.1	24.98	2.00	33.01	PASS
		36	0		23.91	1.1	25.01	2.00	33.01	PASS
		36	18		23.85	1.1	24.95	2.00	33.01	PASS
		36	39		23.73	1.1	24.83	2.00	33.01	PASS
		75	0		23.94	1.1	25.04	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 41 /20M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
20	Lowest	1	0	QPSK	23.47	1.1	24.57	2.00	33.01	PASS
		1	49		23.46	1.1	24.56	2.00	33.01	PASS
		1	99		23.65	1.1	24.75	2.00	33.01	PASS
		50	0		23.34	1.1	24.44	2.00	33.01	PASS
		50	24		23.39	1.1	24.49	2.00	33.01	PASS
		50	49		23.43	1.1	24.53	2.00	33.01	PASS
		100	0		23.43	1.1	24.53	2.00	33.01	PASS
		1	0	16QAM	23.43	1.1	24.53	2.00	33.01	PASS
		1	49		23.43	1.1	24.53	2.00	33.01	PASS
		1	99		23.57	1.1	24.67	2.00	33.01	PASS
		50	0		23.37	1.1	24.47	2.00	33.01	PASS
		50	24		23.43	1.1	24.53	2.00	33.01	PASS
		50	49		23.47	1.1	24.57	2.00	33.01	PASS
		100	0		23.42	1.1	24.52	2.00	33.01	PASS
	Middle	1	0	QPSK	24.92	1.1	26.02	2.00	33.01	PASS
		1	49		25.08	1.1	26.18	2.00	33.01	PASS
		1	99		25.06	1.1	26.16	2.00	33.01	PASS
		50	0		25.04	1.1	26.14	2.00	33.01	PASS
		50	24		25.10	1.1	26.20	2.00	33.01	PASS
		50	49		25.12	1.1	26.22	2.00	33.01	PASS
		100	0		25.05	1.1	26.15	2.00	33.01	PASS
		1	0	16QAM	24.94	1.1	26.04	2.00	33.01	PASS
		1	49		25.12	1.1	26.22	2.00	33.01	PASS
		1	99		25.13	1.1	26.23	2.00	33.01	PASS
		50	0		25.05	1.1	26.15	2.00	33.01	PASS
		50	24		25.11	1.1	26.21	2.00	33.01	PASS
		50	49		25.17	1.1	26.27	2.00	33.01	PASS
		100	0		25.05	1.1	26.15	2.00	33.01	PASS
	Highest	1	0	QPSK	24.06	1.1	25.16	2.00	33.01	PASS
		1	49		23.84	1.1	24.94	2.00	33.01	PASS
		1	99		23.74	1.1	24.84	2.00	33.01	PASS
		50	0		23.97	1.1	25.07	2.00	33.01	PASS
		50	24		23.90	1.1	25.00	2.00	33.01	PASS
		50	49		23.76	1.1	24.86	2.00	33.01	PASS
		100	0		23.87	1.1	24.97	2.00	33.01	PASS
		1	0	16QAM	24.24	1.1	25.34	2.00	33.01	PASS
		1	49		24.00	1.1	25.10	2.00	33.01	PASS
		1	99		23.90	1.1	25.00	2.00	33.01	PASS
		50	0		23.99	1.1	25.09	2.00	33.01	PASS
		50	24		23.88	1.1	24.98	2.00	33.01	PASS
		50	49		23.75	1.1	24.85	2.00	33.01	PASS
		100	0		23.86	1.1	24.96	2.00	33.01	PASS



Radiated Power (EIRP) for LTE Band 66 /1.4M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
1.4	Lowest	1	0	QPSK	23.65	0.4	24.05	1.00	30.00	PASS
		1	2		23.62	0.4	24.02	1.00	30.00	PASS
		1	5		23.63	0.4	24.03	1.00	30.00	PASS
		3	0		23.63	0.4	24.03	1.00	30.00	PASS
		3	1		23.62	0.4	24.02	1.00	30.00	PASS
		3	2		23.62	0.4	24.02	1.00	30.00	PASS
		6	0		22.62	0.4	23.02	1.00	30.00	PASS
		1	0	16QAM	22.53	0.4	22.93	1.00	30.00	PASS
		1	2		22.53	0.4	22.93	1.00	30.00	PASS
		1	5		22.53	0.4	22.93	1.00	30.00	PASS
		3	0		22.67	0.4	23.07	1.00	30.00	PASS
		3	1		22.68	0.4	23.08	1.00	30.00	PASS
		3	2		22.68	0.4	23.08	1.00	30.00	PASS
		6	0		21.76	0.4	22.16	1.00	30.00	PASS
	Middle	1	0	QPSK	23.70	0.4	24.10	1.00	30.00	PASS
		1	2		23.69	0.4	24.09	1.00	30.00	PASS
		1	5		23.66	0.4	24.06	1.00	30.00	PASS
		3	0		23.66	0.4	24.06	1.00	30.00	PASS
		3	1		23.65	0.4	24.05	1.00	30.00	PASS
		3	2		23.66	0.4	24.06	1.00	30.00	PASS
		6	0		22.71	0.4	23.11	1.00	30.00	PASS
		1	0	16QAM	22.76	0.4	23.16	1.00	30.00	PASS
		1	2		22.78	0.4	23.18	1.00	30.00	PASS
		1	5		22.75	0.4	23.15	1.00	30.00	PASS
		3	0		22.71	0.4	23.11	1.00	30.00	PASS
		3	1		22.71	0.4	23.11	1.00	30.00	PASS
		3	2		22.67	0.4	23.07	1.00	30.00	PASS
		6	0		21.85	0.4	22.25	1.00	30.00	PASS
	Highest	1	0	QPSK	23.51	0.4	23.91	1.00	30.00	PASS
		1	2		23.52	0.4	23.92	1.00	30.00	PASS
		1	5		23.50	0.4	23.90	1.00	30.00	PASS
		3	0		23.47	0.4	23.87	1.00	30.00	PASS
		3	1		23.48	0.4	23.88	1.00	30.00	PASS
		3	2		23.48	0.4	23.88	1.00	30.00	PASS
		6	0		22.51	0.4	22.91	1.00	30.00	PASS
		1	0	16QAM	22.74	0.4	23.14	1.00	30.00	PASS
		1	2		22.74	0.4	23.14	1.00	30.00	PASS
		1	5		22.74	0.4	23.14	1.00	30.00	PASS
		3	0		22.59	0.4	22.99	1.00	30.00	PASS
		3	1		22.57	0.4	22.97	1.00	30.00	PASS
		3	2		22.58	0.4	22.98	1.00	30.00	PASS
		6	0		21.53	0.4	21.93	1.00	30.00	PASS



Radiated Power (EIRP) for LTE Band 66 /3M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
3	Lowest	1	0	QPSK	23.65	0.4	24.05	1.00	30.00	PASS
		1	7		23.69	0.4	24.09	1.00	30.00	PASS
		1	14		23.64	0.4	24.04	1.00	30.00	PASS
		8	0		22.61	0.4	23.01	1.00	30.00	PASS
		8	4		22.59	0.4	22.99	1.00	30.00	PASS
		8	7		22.65	0.4	23.05	1.00	30.00	PASS
		15	0		22.61	0.4	23.01	1.00	30.00	PASS
		1	0	16QAM	22.83	0.4	23.23	1.00	30.00	PASS
		1	7		22.83	0.4	23.23	1.00	30.00	PASS
		1	14		22.85	0.4	23.25	1.00	30.00	PASS
		8	0		21.66	0.4	22.06	1.00	30.00	PASS
		8	4		21.65	0.4	22.05	1.00	30.00	PASS
		8	7		21.70	0.4	22.10	1.00	30.00	PASS
		15	0		21.55	0.4	21.95	1.00	30.00	PASS
	Middle	1	0	QPSK	23.62	0.4	24.02	1.00	30.00	PASS
		1	7		23.71	0.4	24.11	1.00	30.00	PASS
		1	14		23.65	0.4	24.05	1.00	30.00	PASS
		8	0		22.68	0.4	23.08	1.00	30.00	PASS
		8	4		22.69	0.4	23.09	1.00	30.00	PASS
		8	7		22.70	0.4	23.10	1.00	30.00	PASS
		15	0		22.71	0.4	23.11	1.00	30.00	PASS
		1	0	16QAM	22.70	0.4	23.10	1.00	30.00	PASS
		1	7		22.83	0.4	23.23	1.00	30.00	PASS
		1	14		22.79	0.4	23.19	1.00	30.00	PASS
		8	0		21.75	0.4	22.15	1.00	30.00	PASS
		8	4		21.74	0.4	22.14	1.00	30.00	PASS
		8	7		21.78	0.4	22.18	1.00	30.00	PASS
		15	0		21.57	0.4	21.97	1.00	30.00	PASS
	Highest	1	0	QPSK	23.53	0.4	23.93	1.00	30.00	PASS
		1	7		23.56	0.4	23.96	1.00	30.00	PASS
		1	14		23.53	0.4	23.93	1.00	30.00	PASS
		8	0		22.50	0.4	22.90	1.00	30.00	PASS
		8	4		22.47	0.4	22.87	1.00	30.00	PASS
		8	7		22.45	0.4	22.85	1.00	30.00	PASS
		15	0		22.49	0.4	22.89	1.00	30.00	PASS
		1	0	16QAM	22.80	0.4	23.20	1.00	30.00	PASS
		1	7		22.80	0.4	23.20	1.00	30.00	PASS
		1	14		22.74	0.4	23.14	1.00	30.00	PASS
		8	0		21.48	0.4	21.88	1.00	30.00	PASS
		8	4		21.47	0.4	21.87	1.00	30.00	PASS
		8	7		21.46	0.4	21.86	1.00	30.00	PASS
		15	0		21.54	0.4	21.94	1.00	30.00	PASS



Radiated Power (EIRP) for LTE Band 66 /5M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
5	Lowest	1	0	QPSK	23.78	0.4	24.18	1.00	30.00	PASS
		1	12		23.82	0.4	24.22	1.00	30.00	PASS
		1	24		23.80	0.4	24.20	1.00	30.00	PASS
		12	0		22.69	0.4	23.09	1.00	30.00	PASS
		12	6		22.69	0.4	23.09	1.00	30.00	PASS
		12	11		22.71	0.4	23.11	1.00	30.00	PASS
		25	0		22.75	0.4	23.15	1.00	30.00	PASS
		1	0	16QAM	23.06	0.4	23.46	1.00	30.00	PASS
		1	12		23.10	0.4	23.50	1.00	30.00	PASS
		1	24		23.08	0.4	23.48	1.00	30.00	PASS
		12	0		21.69	0.4	22.09	1.00	30.00	PASS
		12	6		21.74	0.4	22.14	1.00	30.00	PASS
		12	11		21.72	0.4	22.12	1.00	30.00	PASS
		25	0		21.75	0.4	22.15	1.00	30.00	PASS
	Middle	1	0	QPSK	23.70	0.4	24.10	1.00	30.00	PASS
		1	12		23.74	0.4	24.14	1.00	30.00	PASS
		1	24		23.71	0.4	24.11	1.00	30.00	PASS
		12	0		22.73	0.4	23.13	1.00	30.00	PASS
		12	6		22.73	0.4	23.13	1.00	30.00	PASS
		12	11		22.74	0.4	23.14	1.00	30.00	PASS
		25	0		22.78	0.4	23.18	1.00	30.00	PASS
		1	0	16QAM	22.87	0.4	23.27	1.00	30.00	PASS
		1	12		22.90	0.4	23.30	1.00	30.00	PASS
		1	24		22.90	0.4	23.30	1.00	30.00	PASS
		12	0		21.83	0.4	22.23	1.00	30.00	PASS
		12	6		21.81	0.4	22.21	1.00	30.00	PASS
		12	11		21.83	0.4	22.23	1.00	30.00	PASS
		25	0		21.75	0.4	22.15	1.00	30.00	PASS
	Highest	1	0	QPSK	23.72	0.4	24.12	1.00	30.00	PASS
		1	12		23.68	0.4	24.08	1.00	30.00	PASS
		1	24		23.61	0.4	24.01	1.00	30.00	PASS
		12	0		22.58	0.4	22.98	1.00	30.00	PASS
		12	6		22.55	0.4	22.95	1.00	30.00	PASS
		12	11		22.54	0.4	22.94	1.00	30.00	PASS
		25	0		22.59	0.4	22.99	1.00	30.00	PASS
		1	0	16QAM	22.75	0.4	23.15	1.00	30.00	PASS
		1	12		22.72	0.4	23.12	1.00	30.00	PASS
		1	24		22.71	0.4	23.11	1.00	30.00	PASS
		12	0		21.68	0.4	22.08	1.00	30.00	PASS
		12	6		21.65	0.4	22.05	1.00	30.00	PASS
		12	11		21.65	0.4	22.05	1.00	30.00	PASS
		25	0		21.59	0.4	21.99	1.00	30.00	PASS



Radiated Power (EIRP) for LTE Band 66 /10M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
10	Lowest	1	0	QPSK	23.72	0.4	24.12	1.00	30.00	PASS
		1	24		23.73	0.4	24.13	1.00	30.00	PASS
		1	49		23.75	0.4	24.15	1.00	30.00	PASS
		25	0		22.72	0.4	23.12	1.00	30.00	PASS
		25	12		22.70	0.4	23.10	1.00	30.00	PASS
		25	24		22.75	0.4	23.15	1.00	30.00	PASS
		50	0		22.74	0.4	23.14	1.00	30.00	PASS
		1	0	16QAM	22.90	0.4	23.30	1.00	30.00	PASS
		1	24		22.89	0.4	23.29	1.00	30.00	PASS
		1	49		22.95	0.4	23.35	1.00	30.00	PASS
		25	0		21.77	0.4	22.17	1.00	30.00	PASS
		25	12		21.76	0.4	22.16	1.00	30.00	PASS
		25	24		21.79	0.4	22.19	1.00	30.00	PASS
		50	0		21.73	0.4	22.13	1.00	30.00	PASS
	Middle	1	0	QPSK	23.73	0.4	24.13	1.00	30.00	PASS
		1	24		23.74	0.4	24.14	1.00	30.00	PASS
		1	49		23.75	0.4	24.15	1.00	30.00	PASS
		25	0		22.75	0.4	23.15	1.00	30.00	PASS
		25	12		22.72	0.4	23.12	1.00	30.00	PASS
		25	24		22.78	0.4	23.18	1.00	30.00	PASS
		50	0		22.76	0.4	23.16	1.00	30.00	PASS
		1	0	16QAM	22.85	0.4	23.25	1.00	30.00	PASS
		1	24		22.83	0.4	23.23	1.00	30.00	PASS
		1	49		22.92	0.4	23.32	1.00	30.00	PASS
		25	0		21.73	0.4	22.13	1.00	30.00	PASS
		25	12		21.72	0.4	22.12	1.00	30.00	PASS
		25	24		21.77	0.4	22.17	1.00	30.00	PASS
		50	0		21.76	0.4	22.16	1.00	30.00	PASS
	Highest	1	0	QPSK	23.71	0.4	24.11	1.00	30.00	PASS
		1	24		23.66	0.4	24.06	1.00	30.00	PASS
		1	49		23.61	0.4	24.01	1.00	30.00	PASS
		25	0		22.61	0.4	23.01	1.00	30.00	PASS
		25	12		22.58	0.4	22.98	1.00	30.00	PASS
		25	24		22.58	0.4	22.98	1.00	30.00	PASS
		50	0		22.62	0.4	23.02	1.00	30.00	PASS
		1	0	16QAM	22.99	0.4	23.39	1.00	30.00	PASS
		1	24		22.89	0.4	23.29	1.00	30.00	PASS
		1	49		22.81	0.4	23.21	1.00	30.00	PASS
		25	0		21.58	0.4	21.98	1.00	30.00	PASS
		25	12		21.55	0.4	21.95	1.00	30.00	PASS
		25	24		21.56	0.4	21.96	1.00	30.00	PASS
		50	0		21.60	0.4	22.00	1.00	30.00	PASS



Radiated Power (EIRP) for LTE Band 66 /15M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
15	Lowest	1	0	QPSK	23.70	0.4	24.10	1.00	30.00	PASS
		1	37		23.75	0.4	24.15	1.00	30.00	PASS
		1	74		23.73	0.4	24.13	1.00	30.00	PASS
		36	0		22.69	0.4	23.09	1.00	30.00	PASS
		36	18		22.71	0.4	23.11	1.00	30.00	PASS
		36	39		22.74	0.4	23.14	1.00	30.00	PASS
		75	0		22.71	0.4	23.11	1.00	30.00	PASS
		1	0	16QAM	22.79	0.4	23.19	1.00	30.00	PASS
		1	37		22.86	0.4	23.26	1.00	30.00	PASS
		1	74		22.84	0.4	23.24	1.00	30.00	PASS
		36	0		21.72	0.4	22.12	1.00	30.00	PASS
		36	18		21.75	0.4	22.15	1.00	30.00	PASS
		36	39		21.77	0.4	22.17	1.00	30.00	PASS
		75	0		21.75	0.4	22.15	1.00	30.00	PASS
	Middle	1	0	QPSK	23.80	0.4	24.20	1.00	30.00	PASS
		1	37		23.82	0.4	24.22	1.00	30.00	PASS
		1	74		23.76	0.4	24.16	1.00	30.00	PASS
		36	0		22.75	0.4	23.15	1.00	30.00	PASS
		36	18		22.73	0.4	23.13	1.00	30.00	PASS
		36	39		22.74	0.4	23.14	1.00	30.00	PASS
		75	0		22.77	0.4	23.17	1.00	30.00	PASS
		1	0	16QAM	22.84	0.4	23.24	1.00	30.00	PASS
		1	37		22.93	0.4	23.33	1.00	30.00	PASS
		1	74		22.83	0.4	23.23	1.00	30.00	PASS
		36	0		21.73	0.4	22.13	1.00	30.00	PASS
		36	18		21.69	0.4	22.09	1.00	30.00	PASS
		36	39		21.74	0.4	22.14	1.00	30.00	PASS
		75	0		21.77	0.4	22.17	1.00	30.00	PASS
	Highest	1	0	QPSK	23.73	0.4	24.13	1.00	30.00	PASS
		1	37		23.74	0.4	24.14	1.00	30.00	PASS
		1	74		23.63	0.4	24.03	1.00	30.00	PASS
		36	0		22.68	0.4	23.08	1.00	30.00	PASS
		36	18		22.66	0.4	23.06	1.00	30.00	PASS
		36	39		22.63	0.4	23.03	1.00	30.00	PASS
		75	0		22.69	0.4	23.09	1.00	30.00	PASS
		1	0	16QAM	22.93	0.4	23.33	1.00	30.00	PASS
		1	37		22.95	0.4	23.35	1.00	30.00	PASS
		1	74		22.81	0.4	23.21	1.00	30.00	PASS
		36	0		21.68	0.4	22.08	1.00	30.00	PASS
		36	18		21.65	0.4	22.05	1.00	30.00	PASS
		36	39		21.63	0.4	22.03	1.00	30.00	PASS
		75	0		21.68	0.4	22.08	1.00	30.00	PASS



Radiated Power (EIRP) for LTE Band 66 /20M										
BW (MHz)	UL Channel	RB Size	RB offset	Modulation	Conduction AVG Power(dBm)	Ant Gain (dBi)	EIRP (dBm)	EIRP Limit(W)	EIRP Limit(dBm)	Verdict
20	Lowest	1	0	QPSK	23.75	0.4	24.15	1.00	30.00	PASS
		1	49		23.78	0.4	24.18	1.00	30.00	PASS
		1	99		23.87	0.4	24.27	1.00	30.00	PASS
		50	0		22.74	0.4	23.14	1.00	30.00	PASS
		50	24		22.81	0.4	23.21	1.00	30.00	PASS
		50	49		22.82	0.4	23.22	1.00	30.00	PASS
		100	0		22.77	0.4	23.17	1.00	30.00	PASS
		1	0	16QAM	22.73	0.4	23.13	1.00	30.00	PASS
		1	49		22.79	0.4	23.19	1.00	30.00	PASS
		1	99		22.87	0.4	23.27	1.00	30.00	PASS
		50	0		21.76	0.4	22.16	1.00	30.00	PASS
		50	24		21.83	0.4	22.23	1.00	30.00	PASS
		50	49		21.84	0.4	22.24	1.00	30.00	PASS
		100	0		21.76	0.4	22.16	1.00	30.00	PASS
	Middle	1	0	QPSK	23.73	0.4	24.13	1.00	30.00	PASS
		1	49		23.79	0.4	24.19	1.00	30.00	PASS
		1	99		23.71	0.4	24.11	1.00	30.00	PASS
		50	0		22.79	0.4	23.19	1.00	30.00	PASS
		50	24		22.79	0.4	23.19	1.00	30.00	PASS
		50	49		22.80	0.4	23.20	1.00	30.00	PASS
		100	0		22.76	0.4	23.16	1.00	30.00	PASS
		1	0	16QAM	22.97	0.4	23.37	1.00	30.00	PASS
		1	49		22.97	0.4	23.37	1.00	30.00	PASS
		1	99		22.90	0.4	23.30	1.00	30.00	PASS
		50	0		21.78	0.4	22.18	1.00	30.00	PASS
		50	24		21.80	0.4	22.20	1.00	30.00	PASS
		50	49		21.80	0.4	22.20	1.00	30.00	PASS
		100	0		21.75	0.4	22.15	1.00	30.00	PASS
	Highest	1	0	QPSK	23.68	0.4	24.08	1.00	30.00	PASS
		1	49		23.72	0.4	24.12	1.00	30.00	PASS
		1	99		23.61	0.4	24.01	1.00	30.00	PASS
		50	0		22.76	0.4	23.16	1.00	30.00	PASS
		50	24		22.70	0.4	23.10	1.00	30.00	PASS
		50	49		22.68	0.4	23.08	1.00	30.00	PASS
		100	0		22.73	0.4	23.13	1.00	30.00	PASS
		1	0	16QAM	22.78	0.4	23.18	1.00	30.00	PASS
		1	49		22.82	0.4	23.22	1.00	30.00	PASS
		1	99		22.69	0.4	23.09	1.00	30.00	PASS
		50	0		21.74	0.4	22.14	1.00	30.00	PASS
		50	24		21.70	0.4	22.10	1.00	30.00	PASS
		50	49		21.69	0.4	22.09	1.00	30.00	PASS
		100	0		21.69	0.4	22.09	1.00	30.00	PASS

5.2 PEAK TO AVERAGE RATIO

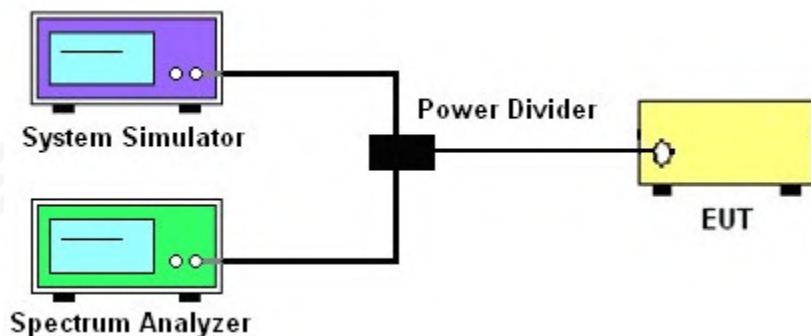
TEST OVERVIEW

According to §4.232(d), power measurements for transmissions by stations authorized under this section may be made either in accordance with a commission-approved average power technique or in compliance with paragraph (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of §4.51. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 db.

TEST PROCEDURES

1. The testing follows FCC KDB 971168 v03r01 section.
2. The eut was connected to the peak and av system simulator& spectrum analyzer.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Set the test probe and measure average power of the spectrum analysis,

TEST SETUP



TEST RESULT

Note: The test data please reference to attachment “STS2601239W01_Appendix GSM” , “STS2601239W01_Appendix WCDMA” and “STS2601239W01_Appendix LTE”.

5.3 OCCUPIED BANDWIDTH

TEST OVERVIEW

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured.

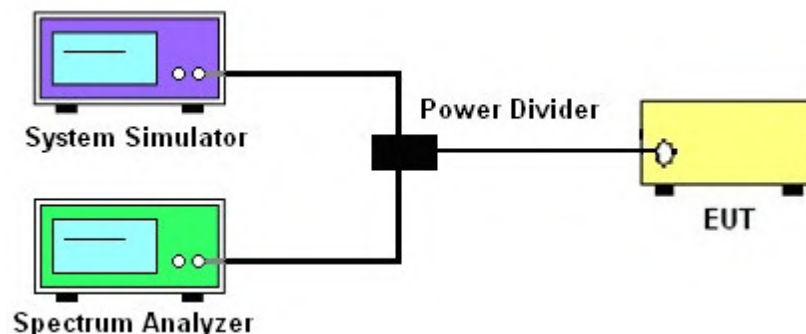
The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

All modes of operation were investigated and the worst case configuration results are reported in this section.

TEST PROCEDURE

1. The signal analyzer's automatic bandwidth measurement capability was used to perform the 99% occupied bandwidth and the 26dB bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = 1 – 5% of the expected OBW
3. VBW $\geq 3 \times$ RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. The trace was allowed to stabilize
8. If necessary, steps 2 – 7 were repeated after changing the RBW such that it would be within 1 – 5% of the 99% occupied bandwidth observed in Step 7

TEST SETUP



TEST RESULT

Note: The test data please reference to attachment “STS2601239W01_Appendix GSM” , “STS2601239W01_Appendix WCDMA” and “STS2601239W01_Appendix LTE”.

5.4 FREQUENCY STABILITY

TEST OVERVIEW

Frequency stability testing is performed in accordance with the guidelines of ANSI C63.26 2015.

The frequency stability of the transmitter is measured by:

- a.) Temperature: The temperature is varied from -30°C to +5 0°C in 10°C increments using an environmental chamber.
- b.) Primary Supply Voltage: The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

For Part 22, the frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ (± 2.5 ppm) of the center frequency. For Part 24 the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

TEST PROCEDURE

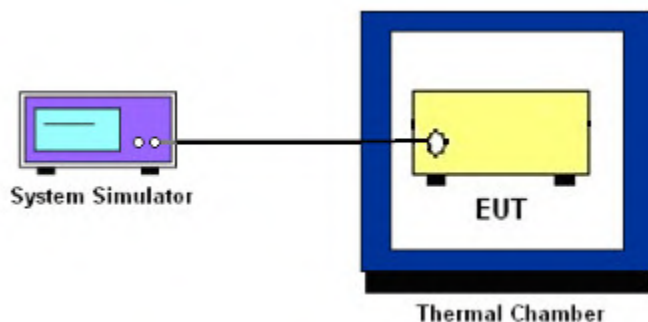
Temperature Variation

1. The testing follows FCC KDB 971168 D01 section 9.0
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in 10°C steps up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

Voltage Variation

1. The testing follows FCC KDB 971168 D01 Section 9.0.
2. The EUT was placed in a temperature chamber at $25 \pm 5^\circ\text{C}$ and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
4. The variation in frequency was measured for the worst case.

TEST SETUP



TEST RESULT

GSM 850 /836.6MHz					
Temperature (℃)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	18.94	0.023	2.5ppm	PASS
40		16.01	0.019		
30		29.66	0.035		
20		16.13	0.019		
10		31.45	0.038		
0		33.25	0.040		
-10		22.40	0.027		
-20		34.93	0.042		
-30		33.42	0.040		
20	Maximum Voltage	30.13	0.036		
20	BEP	12.34	0.015		

GPRS 850 /836.6MHz					
Temperature (℃)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	23.79	0.028	2.5ppm	PASS
40		15.79	0.019		
30		27.32	0.033		
20		30.44	0.036		
10		19.51	0.023		
0		22.27	0.027		
-10		15.52	0.019		
-20		28.62	0.034		
-30		32.72	0.039		
20	Maximum Voltage	15.35	0.018		
20	BEP	26.69	0.032		

EGPRS 850 /836.6MHz					
Temperature (℃)	Voltage (Volt)	Freq. Dev. (Hz)	Freq. Dev. (ppm)	Limit	Result
50	Normal Voltage	14.94	0.018	2.5ppm	PASS
40		25.62	0.031		
30		15.09	0.018		
20		22.45	0.027		
10		28.47	0.034		
0		22.47	0.027		
-10		16.01	0.019		
-20		30.17	0.036		
-30		20.70	0.025		
20	Maximum Voltage	35.78	0.043		
20	BEP	22.15	0.026		



GSM 1900 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	27.54	0.015	Within Authorized Band	PASS
40		18.02	0.010		
30		15.41	0.008		
20		13.99	0.007		
10		17.14	0.009		
0		15.31	0.008		
-10		34.62	0.018		
-20		16.03	0.009		
-30		13.23	0.007		
20	Maximum Voltage	21.96	0.012		
20	BEP	12.69	0.007		

GPRS 1900 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	21.14	0.011	Within Authorized Band	PASS
40		34.14	0.018		
30		12.05	0.006		
20		33.03	0.018		
10		35.78	0.019		
0		17.14	0.009		
-10		18.44	0.010		
-20		18.38	0.010		
-30		22.69	0.012		
20	Maximum Voltage	28.14	0.015		
20	BEP	26.95	0.014		

EGPRS 1900 / 1880MHz					
Temperature (°C)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.11	0.011	Within Authorized Band	PASS
40		13.51	0.007		
30		18.06	0.010		
20		29.52	0.016		
10		35.99	0.019		
0		23.35	0.012		
-10		34.08	0.018		
-20		31.41	0.017		
-30		25.02	0.013		
20	Maximum Voltage	17.91	0.010		
20	BEP	14.83	0.008		



UMTS Band 2 /1880MHz					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	33.38	0.018	Within Authorized Band	PASS
40		27.86	0.015		
30		18.91	0.010		
20		30.13	0.016		
10		20.10	0.011		
0		31.36	0.017		
-10		23.96	0.013		
-20		32.98	0.018		
-30		12.27	0.007		
20	Maximum Voltage	19.44	0.010		
20	BEP	12.66	0.007		

HSDPA Band 2 /1880MHz					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	14.39	0.008	Within Authorized Band	PASS
40		16.45	0.009		
30		34.21	0.018		
20		20.99	0.011		
10		23.49	0.012		
0		12.98	0.007		
-10		21.11	0.011		
-20		26.22	0.014		
-30		15.61	0.008		
20	Maximum Voltage	11.84	0.006		
20	BEP	27.72	0.015		

HSUPA Band 2 /1880MHz					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	11.95	0.006	Within Authorized Band	PASS
40		19.76	0.011		
30		30.29	0.016		
20		15.97	0.008		
10		16.47	0.009		
0		25.98	0.014		
-10		15.49	0.008		
-20		34.92	0.019		
-30		20.40	0.011		
20	Maximum Voltage	11.73	0.006		
20	BEP	25.20	0.013		



UMTS Band 4 /1740MHz					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	27.45	0.015	Within Authorized Band	PASS
40		23.02	0.012		
30		21.01	0.011		
20		30.09	0.016		
10		23.78	0.013		
0		33.96	0.018		
-10		13.62	0.007		
-20		34.29	0.018		
-30		14.29	0.008		
20	Maximum Voltage	35.49	0.019		
20	BEP	15.17	0.008		

HSDPA Band 4 /1740MHz					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	14.95	0.008	Within Authorized Band	PASS
40		29.27	0.016		
30		19.72	0.010		
20		29.22	0.016		
10		11.64	0.006		
0		25.08	0.013		
-10		29.19	0.016		
-20		28.48	0.015		
-30		27.78	0.015		
20	Maximum Voltage	24.44	0.013		
20	BEP	31.23	0.017		

HSUPA Band 4 /1740MHz					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	30.43	0.016	Within Authorized Band	PASS
40		35.75	0.019		
30		24.77	0.013		
20		15.65	0.008		
10		15.77	0.008		
0		15.36	0.008		
-10		11.90	0.006		
-20		13.62	0.007		
-30		31.09	0.017		
20	Maximum Voltage	31.00	0.016		
20	BEP	32.16	0.017		



UMTS Band 5 / 836.4MHz					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	16.24	0.019	2.5ppm	PASS
40		34.98	0.042		
30		16.33	0.020		
20		12.75	0.015		
10		32.87	0.039		
0		14.79	0.018		
-10		20.71	0.025		
-20		19.77	0.024		
-30		25.43	0.030		
20	Maximum Voltage	21.50	0.026		
20	BEP	35.27	0.042		

HSDPA Band 5 / 836.4MHz					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	35.42	0.042	2.5ppm	PASS
40		22.59	0.027		
30		23.81	0.028		
20		33.52	0.040		
10		36.48	0.044		
0		35.68	0.043		
-10		30.91	0.037		
-20		11.62	0.014		
-30		26.51	0.032		
20	Maximum Voltage	36.21	0.043		
20	BEP	24.88	0.030		

HSUPA Band 5 / 836.4MHz					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	28.38	0.034	2.5ppm	PASS
40		15.54	0.019		
30		17.15	0.020		
20		21.33	0.025		
10		17.72	0.021		
0		13.83	0.017		
-10		32.97	0.039		
-20		31.44	0.038		
-30		12.18	0.015		
20	Maximum Voltage	25.03	0.030		
20	BEP	18.46	0.022		



LTE Band 2 (QPSK) / 1880MHz / BW10M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.91	0.011	2.5ppm	PASS
40		26.50	0.014		
30		36.22	0.019		
20		15.18	0.008		
10		20.61	0.011		
0		24.83	0.013		
-10		35.86	0.019		
-20		19.22	0.010		
-30		18.00	0.010		
20	Maximum Voltage	14.75	0.008		
20	BEP	24.94	0.013		

LTE Band 2 (QPSK) / 1880MHz / BW20M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	34.37	0.018	2.5ppm	PASS
40		24.73	0.013		
30		33.04	0.018		
20		29.76	0.016		
10		35.03	0.019		
0		19.80	0.011		
-10		25.09	0.013		
-20		15.12	0.008		
-30		19.94	0.011		
20	Maximum Voltage	20.79	0.011		
20	BEP	17.89	0.010		

LTE Band 4 (QPSK) / 1733MHz / BW10M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	13.41	0.008	2.5ppm	PASS
40		17.94	0.010		
30		32.00	0.018		
20		27.34	0.016		
10		22.35	0.013		
0		33.26	0.019		
-10		31.24	0.018		
-20		31.93	0.018		
-30		29.51	0.017		
20	Maximum Voltage	34.62	0.020		
20	BEP	23.62	0.014		



LTE Band 4 (QPSK) / 1733MHz / BW20M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	32.02	0.018	2.5ppm	PASS
40		16.04	0.009		
30		30.47	0.018		
20		17.79	0.010		
10		15.68	0.009		
0		24.62	0.014		
-10		26.28	0.015		
-20		20.62	0.012		
-30		19.20	0.011		
20	Maximum Voltage	27.00	0.016		
20	BEP	25.05	0.014		

LTE Band 5 (QPSK) / 836.5MHz / BW5M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	30.24	0.036	2.5ppm	PASS
40		15.74	0.019		
30		27.27	0.033		
20		15.04	0.018		
10		21.98	0.026		
0		24.20	0.029		
-10		32.72	0.039		
-20		20.25	0.024		
-30		27.35	0.033		
20	Maximum Voltage	15.14	0.018		
20	BEP	11.72	0.014		

LTE Band 5 (QPSK) / 836.5MHz / BW10M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	16.54	0.020	2.5ppm	PASS
40		32.39	0.039		
30		29.38	0.035		
20		11.59	0.014		
10		28.81	0.034		
0		21.75	0.026		
-10		20.01	0.024		
-20		14.61	0.017		
-30		20.25	0.024		
20	Maximum Voltage	30.16	0.036		
20	BEP	23.75	0.028		



LTE Band 7 (QPSK) / 2535MHz / BW10M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	25.61	0.010	2.5ppm	PASS
40		19.88	0.008		
30		18.94	0.007		
20		29.84	0.012		
10		17.23	0.007		
0		31.02	0.012		
-10		25.71	0.010		
-20		34.17	0.013		
-30		24.98	0.010		
20	Maximum Voltage	34.84	0.014		
20	BEP	35.84	0.014		

LTE Band 7 (QPSK) / 2535MHz / BW20M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	27.86	0.011	2.5ppm	PASS
40		27.84	0.011		
30		24.63	0.010		
20		28.28	0.011		
10		31.88	0.013		
0		13.32	0.005		
-10		21.11	0.008		
-20		13.84	0.005		
-30		26.70	0.011		
20	Maximum Voltage	29.07	0.011		
20	BEP	32.58	0.013		

LTE Band 12 (QPSK) / 707.5MHz / BW5M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	33.03	0.047	2.5ppm	PASS
40		24.40	0.034		
30		12.65	0.018		
20		35.31	0.050		
10		17.89	0.025		
0		19.38	0.027		
-10		13.57	0.019		
-20		17.02	0.024		
-30		25.41	0.036		
20	Maximum Voltage	18.94	0.027		
20	BEP	35.28	0.050		



LTE Band 12 (QPSK) / 707.5MHz / BW10M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	20.10	0.028	2.5ppm	PASS
40		17.14	0.024		
30		19.02	0.027		
20		29.22	0.041		
10		20.27	0.029		
0		30.34	0.043		
-10		12.99	0.018		
-20		21.02	0.030		
-30		17.00	0.024		
20	Maximum Voltage	33.25	0.047		
20	BEP	13.76	0.019		

LTE Band 17 (QPSK) / 710MHz / BW5M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	30.17	0.042	2.5ppm	PASS
40		15.04	0.021		
30		33.88	0.048		
20		30.41	0.043		
10		19.17	0.027		
0		26.68	0.038		
-10		25.00	0.035		
-20		26.95	0.038		
-30		25.43	0.036		
20	Maximum Voltage	20.92	0.029		
20	BEP	12.00	0.017		

LTE Band 17 (QPSK) / 710MHz / BW10M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	30.40	0.043	2.5ppm	PASS
40		23.59	0.033		
30		18.66	0.026		
20		35.84	0.050		
10		14.81	0.021		
0		14.08	0.020		
-10		21.37	0.030		
-20		21.60	0.030		
-30		14.74	0.021		
20	Maximum Voltage	14.15	0.020		
20	BEP	28.55	0.040		



LTE Band 25 (QPSK) / 1882.5MHz / BW10M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	33.21	0.018	2.5ppm	PASS
40		19.96	0.011		
30		29.27	0.016		
20		13.46	0.007		
10		32.65	0.017		
0		15.09	0.008		
-10		17.08	0.009		
-20		25.53	0.014		
-30		16.48	0.009		
20	Maximum Voltage	12.01	0.006		
20	BEP	14.23	0.008		

LTE Band 25 (QPSK) / 1882.5MHz / BW20M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	26.59	0.014	2.5ppm	PASS
40		20.52	0.011		
30		22.31	0.012		
20		25.27	0.013		
10		19.67	0.010		
0		36.24	0.019		
-10		20.48	0.011		
-20		15.65	0.008		
-30		30.64	0.016		
20	Maximum Voltage	27.52	0.015		
20	BEP	28.13	0.015		



Part22

LTE Band 26 (QPSK) / 836.5MHz / BW 10M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	24.24	0.029	2.5ppm	PASS
40		11.57	0.014		
30		15.44	0.018		
20		31.79	0.038		
10		13.15	0.016		
0		17.38	0.021		
-10		31.42	0.038		
-20		31.74	0.038		
-30		15.22	0.018		
20	Maximum Voltage	28.72	0.034		
20	BEP	33.61	0.040		

LTE Band 26 (QPSK) / 836.5MHz / BW 15M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	19.37	0.023	2.5ppm	PASS
40		35.71	0.043		
30		31.96	0.038		
20		29.86	0.036		
10		35.60	0.043		
0		31.56	0.038		
-10		11.91	0.014		
-20		18.97	0.023		
-30		13.86	0.017		
20	Maximum Voltage	31.85	0.038		
20	BEP	29.65	0.035		



Part90

LTE Band 26 (QPSK) / 819MHz / BW5M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	34.54	0.042	2.5ppm	PASS
40		26.21	0.032		
30		26.76	0.033		
20		27.88	0.034		
10		16.41	0.020		
0		22.54	0.028		
-10		12.33	0.015		
-20		19.59	0.024		
-30		24.52	0.030		
20	Maximum Voltage	19.38	0.024		
20	BEP	13.71	0.017		

LTE Band 26 (QPSK) / 819MHz / BW10M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	31.44	0.038	2.5ppm	PASS
40		14.90	0.018		
30		22.81	0.028		
20		19.86	0.024		
10		14.18	0.017		
0		28.03	0.034		
-10		34.01	0.042		
-20		22.20	0.027		
-30		21.32	0.026		
20	Maximum Voltage	18.78	0.023		
20	BEP	24.39	0.030		



LTE Band 38 (QPSK) / 2595MHz / BW10M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	30.97	0.012	2.5ppm	PASS
40		25.25	0.010		
30		17.28	0.007		
20		33.40	0.013		
10		15.47	0.006		
0		30.66	0.012		
-10		18.25	0.007		
-20		35.52	0.014		
-30		27.73	0.011		
20	Maximum Voltage	18.39	0.007		
20	BEP	16.93	0.007		

LTE Band 38 (QPSK) / 2595MHz / BW20M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	34.16	0.013	2.5ppm	PASS
40		13.08	0.005		
30		15.64	0.006		
20		16.46	0.006		
10		23.66	0.009		
0		18.13	0.007		
-10		22.36	0.009		
-20		15.19	0.006		
-30		24.12	0.009		
20	Maximum Voltage	23.63	0.009		
20	BEP	18.89	0.007		

LTE Band 40 (QPSK) / 2310MHz / BW10M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	17.51	0.008	2.5ppm	PASS
40		13.97	0.006		
30		17.98	0.008		
20		35.93	0.016		
10		13.99	0.006		
0		22.90	0.010		
-10		20.08	0.009		
-20		27.83	0.012		
-30		30.68	0.013		
20	Maximum Voltage	17.66	0.008		
20	BEP	15.92	0.007		



LTE Band 40 (QPSK) / 2355MHz / BW10M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	18.61	0.008	2.5ppm	PASS
40		30.97	0.013		
30		12.35	0.005		
20		25.34	0.011		
10		23.71	0.010		
0		21.34	0.009		
-10		27.22	0.012		
-20		29.88	0.013		
-30		20.87	0.009		
20	Maximum Voltage	23.84	0.010		
20	BEP	14.54	0.006		

LTE Band 41 (QPSK) / 2593MHz / BW10M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	21.44	0.008	2.5ppm	PASS
40		17.02	0.007		
30		21.97	0.008		
20		21.10	0.008		
10		28.95	0.011		
0		17.16	0.007		
-10		20.60	0.008		
-20		24.61	0.009		
-30		33.16	0.013		
20	Maximum Voltage	30.67	0.012		
20	BEP	22.95	0.009		

LTE Band 41 (QPSK) / 2593MHz / BW20M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	26.84	0.010	2.5ppm	PASS
40		11.64	0.004		
30		13.82	0.005		
20		18.48	0.007		
10		34.92	0.013		
0		27.62	0.011		
-10		17.92	0.007		
-20		24.68	0.010		
-30		20.54	0.008		
20	Maximum Voltage	35.47	0.014		
20	BEP	22.94	0.009		



LTE Band 66 (QPSK) / 1745MHz / BW10M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	13.37	0.008	2.5ppm	PASS
40		24.73	0.014		
30		22.28	0.013		
20		24.41	0.014		
10		13.25	0.008		
0		20.11	0.012		
-10		22.67	0.013		
-20		29.48	0.017		
-30		28.73	0.016		
20	Maximum Voltage	35.14	0.020		
20	BEP	22.14	0.013		

LTE Band 66 (QPSK) / 1745MHz / BW20M					
Temperature (℃)	Voltage	Freq. Dev.	Freq. Dev.	Limit	Result
	(Volt)	(Hz)	(ppm)		
50	Normal Voltage	33.58	0.019	2.5ppm	PASS
40		17.78	0.010		
30		32.75	0.019		
20		15.82	0.009		
10		16.83	0.010		
0		16.50	0.009		
-10		22.13	0.013		
-20		29.21	0.017		
-30		24.31	0.014		
20	Maximum Voltage	23.30	0.013		
20	BEP	23.34	0.013		

5.5 SPURIOUS EMISSIONS AT ANTENNA TERMINALS

TEST OVERVIEW

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $43 + 10 \log (P)$ dB.

For Band 7:

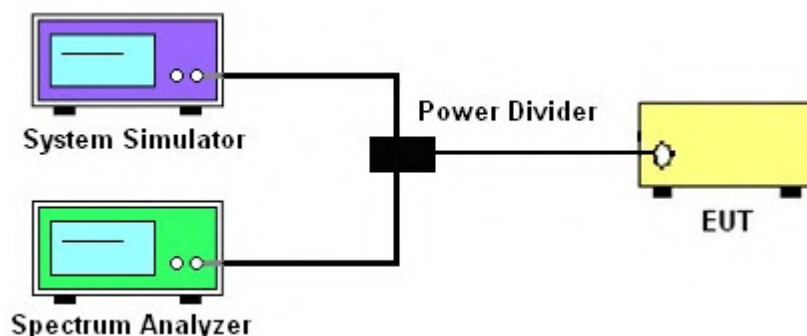
The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

TEST PROCEDURE

1. The testing FCC KDB 971168 D01 v03r01 Section 6.0. and ANSI C63.26-2015-Section 5.7.
2. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)
 $= P(W) - [43 + 10\log(P)]$ (dB)
 $= [30 + 10\log(P)]$ (dBm) - $[43 + 10\log(P)]$ (dB)
 $= -13\text{dBm}$.

TEST SETUP



TEST RESULT

Note: The test data please reference to attachment “STS2601239W01_Appendix GSM” , “STS2601239W01_Appendix WCDMA” and “STS2601239W01_Appendix LTE”.



5.6 BAND EDGE

TEST OVERVIEW

1. §22.917(a)

For operations in the 824 – 849 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100kHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

2. §24.238 (a)

For operations in the 1850-1910 and 1930-1990 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1MHz bandwidth. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed

3. §27.53 (h)

For operations in the 1710 – 1755 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 1 MHz bandwidth. However, in the 1MHz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

4. §27.53(m)(4)

For operations in the 2500 MHz ~ 2570 MHz band this section, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

5. §27.53 (g)

For operations in the 698 -746 MHz band, the FCC limit is $43 + 10\log_{10}(P[\text{Watts}])$ dB below the transmitter power $P(\text{Watts})$ in a 100 kHz bandwidth. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

TEST PROCEDURE

1. The testing FCC KDB 971168 D01 v03r01 Section 6.0 and ANSI C63.26-2015-Section 5.7
 2. Start and stop frequency were set such that the band edge would be placed in the center of the Plot.
 3. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
 4. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator.
- The path loss was compensated to the results for each measurement.
5. The band edges of low and high channels for the highest RF powers were measured.
 6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

7. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)

$$= P(W) - [43 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$$

$$= -13\text{dBm}.$$

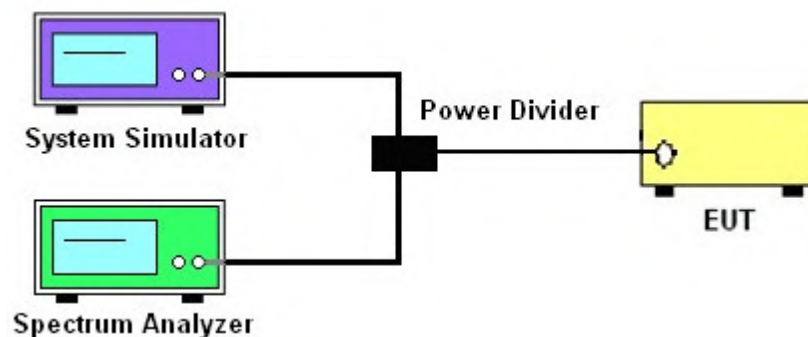
Band 7:

$$= P(W) - [55 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [55 + 10\log(P)] \text{ (dB)}$$

$$= -25\text{dBm}.$$

TEST SETUP



TEST RESULT

Note: The test data please reference to attachment “STS2601239W01_Appendix GSM”, “STS2601239W01_Appendix WCDMA” and “STS2601239W01_Appendix LTE”.



5.7 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

TEST OVERVIEW

Radiated spurious emissions measurements are performed using the substitution method described in ANSI C63.26-2015 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using horizontally and vertically polarized tuned dipole antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized horn antennas. All measurements are performed as peak measurements while the EUT is operating at maximum power and at the appropriate frequencies.

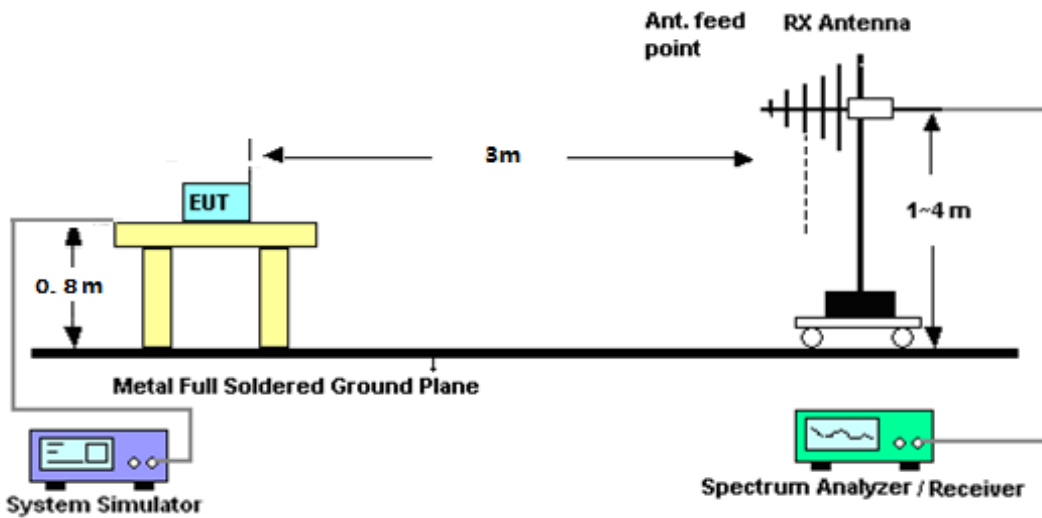
It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

TEST PROCEDURE

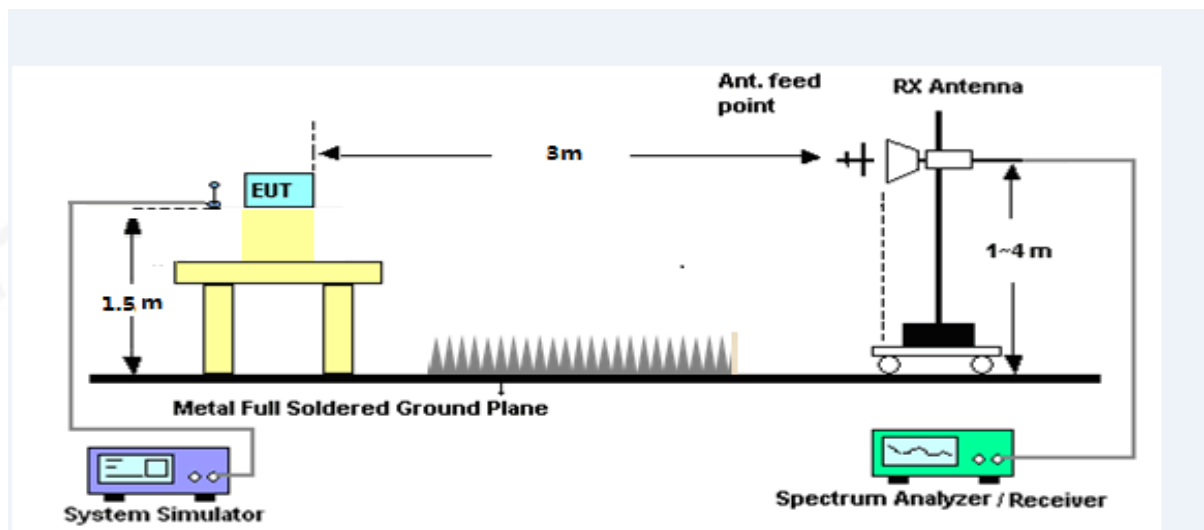
1. The testing FCC KDB 971168 D01 Section 5.8 and ANSI C63.26-2015-Section 5.5.
2. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
3. VBW $\geq 3 \times$ RBW
4. Span = 1.5 times the OBW
5. No. of sweep points $> 2 \times$ span/RBW
6. Detector = Peak
7. Trace mode = max hold
8. The trace was allowed to stabilize
9. Effective Isotropic Spurious Radiation was measured by substitution method according to TIA/EIA-603-D. The EUT was replaced by the substitution antenna at same location, and then a known power from S.G. was applied into the dipole antenna through a Tx cable, and then recorded the maximum Analyzer reading through raised and lowered the test antenna.
 $P_{Mea} = S.G \text{ Level} + \text{Ant-Cable loss}$; $\text{Margin} = P_{Mea} - \text{Limit}$.

TEST SETUP

For radiated test from 30MHz to 1GHz



For radiated test from above 1GHz



**TEST RESULT**

Note: (1) Spurious emissions which are attenuated by more than 20dB below the permissible value for frequency below 1000MHz.

(2) Above 3.5GHz amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value

(3) Test is divided into three directions, X/Y/Z. X pattern for the worst.

GSM 850: (30-9000)MHz							
The Worst Test Results Channel 128/824.2 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1648.26	-40.37	9.40	4.75	-35.72	-13.00	-22.72	H
2472.29	-39.18	10.60	8.39	-36.97	-13.00	-23.97	H
3296.74	-31.70	12.00	11.79	-31.49	-13.00	-18.49	H
1648.26	-43.53	9.40	4.75	-38.88	-13.00	-25.88	V
2472.29	-44.42	10.60	8.39	-42.21	-13.00	-29.21	V
3296.74	-42.86	12.00	11.79	-42.65	-13.00	-29.65	V
The Worst Test Results Channel 190/836.6 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.89	-40.25	9.50	4.76	-35.51	-13.00	-22.51	H
2509.61	-39.24	10.70	8.40	-36.94	-13.00	-23.94	H
3345.96	-31.76	12.20	11.80	-31.36	-13.00	-18.36	H
1672.89	-44.51	9.40	4.75	-39.86	-13.00	-26.86	V
2509.61	-44.60	10.60	8.39	-42.39	-13.00	-29.39	V
3345.96	-42.97	12.20	11.82	-42.59	-13.00	-29.59	V
The Worst Test Results Channel 251/848.8 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1697.37	-41.11	9.60	4.77	-36.28	-13.00	-23.28	H
2546.11	-40.48	10.80	8.50	-38.18	-13.00	-25.18	H
3395.21	-31.87	12.50	11.90	-31.27	-13.00	-18.27	H
1697.37	-43.75	9.60	4.77	-38.92	-13.00	-25.92	V
2546.11	-44.68	10.80	8.50	-42.38	-13.00	-29.38	V
3395.21	-43.91	12.50	11.90	-43.31	-13.00	-30.31	V



GPRS 850: (30-9000)MHz							
The Worst Test Results Channel 128/824.2 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1648.09	-40.41	9.40	4.75	-35.76	-13.00	-22.76	H
2472.39	-39.27	10.60	8.39	-37.06	-13.00	-24.06	H
3296.61	-31.09	12.00	11.79	-30.88	-13.00	-17.88	H
1648.09	-43.67	9.40	4.75	-39.02	-13.00	-26.02	V
2472.39	-44.91	10.60	8.39	-42.70	-13.00	-29.70	V
3296.61	-42.90	12.00	11.79	-42.69	-13.00	-29.69	V
The Worst Test Results Channel 190/836.6 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.25	-40.40	9.50	4.76	-35.66	-13.00	-22.66	H
2509.47	-40.40	10.70	8.40	-38.10	-13.00	-25.10	H
3346.30	-32.07	12.20	11.80	-31.67	-13.00	-18.67	H
1673.25	-43.56	9.40	4.75	-38.91	-13.00	-25.91	V
2509.47	-45.15	10.60	8.39	-42.94	-13.00	-29.94	V
3346.30	-43.49	12.20	11.82	-43.11	-13.00	-30.11	V
The Worst Test Results Channel 251/848.8 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1697.51	-41.26	9.60	4.77	-36.43	-13.00	-23.43	H
2546.23	-39.81	10.80	8.50	-37.51	-13.00	-24.51	H
3395.18	-31.84	12.50	11.90	-31.24	-13.00	-18.24	H
1697.51	-44.47	9.60	4.77	-39.64	-13.00	-26.64	V
2546.23	-44.47	10.80	8.50	-42.17	-13.00	-29.17	V
3395.18	-43.71	12.50	11.90	-43.11	-13.00	-30.11	V



EGPRS 850: (30-9000)MHz							
The Worst Test Results Channel 128/824.2 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1648.12	-41.49	9.40	4.75	-36.84	-13.00	-23.84	H
2472.70	-40.51	10.60	8.39	-38.30	-13.00	-25.30	H
3296.87	-30.94	12.00	11.79	-30.73	-13.00	-17.73	H
1648.12	-43.46	9.40	4.75	-38.81	-13.00	-25.81	V
2472.70	-44.45	10.60	8.39	-42.24	-13.00	-29.24	V
3296.87	-43.43	12.00	11.79	-43.22	-13.00	-30.22	V
The Worst Test Results Channel 190/836.6 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1673.02	-41.47	9.50	4.76	-36.73	-13.00	-23.73	H
2509.61	-40.56	10.70	8.40	-38.26	-13.00	-25.26	H
3345.99	-31.04	12.20	11.80	-30.64	-13.00	-17.64	H
1673.02	-43.81	9.40	4.75	-39.16	-13.00	-26.16	V
2509.61	-44.64	10.60	8.39	-42.43	-13.00	-29.43	V
3345.99	-43.56	12.20	11.82	-43.18	-13.00	-30.18	V
The Worst Test Results Channel 251/848.8 MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1697.19	-40.32	9.60	4.77	-35.49	-13.00	-22.49	H
2546.50	-39.76	10.80	8.50	-37.46	-13.00	-24.46	H
3395.31	-31.22	12.50	11.90	-30.62	-13.00	-17.62	H
1697.19	-43.29	9.60	4.77	-38.46	-13.00	-25.46	V
2546.50	-44.88	10.80	8.50	-42.58	-13.00	-29.58	V
3395.31	-43.88	12.50	11.90	-43.28	-13.00	-30.28	V



PCS 1900: (30-20000)MHz							
The Worst Test Results for Channel 512/1850.2MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3700.41	-34.23	12.60	12.93	-34.56	-13.00	-21.56	H
5550.24	-35.05	13.10	17.11	-39.06	-13.00	-26.06	H
7400.71	-32.26	11.50	22.20	-42.96	-13.00	-29.96	H
3700.41	-35.19	12.60	12.93	-35.52	-13.00	-22.52	V
5550.24	-33.93	13.10	17.11	-37.94	-13.00	-24.94	V
7400.71	-32.20	11.50	22.20	-42.90	-13.00	-29.90	V
The Worst Test Results for Channel 661/1880.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.86	-33.78	12.60	12.93	-34.11	-13.00	-21.11	H
5639.98	-34.08	13.10	17.11	-38.09	-13.00	-25.09	H
7520.10	-33.07	11.50	22.20	-43.77	-13.00	-30.77	H
3759.86	-35.97	12.60	12.93	-36.30	-13.00	-23.30	V
5639.98	-34.02	13.10	17.11	-38.03	-13.00	-25.03	V
7520.10	-31.96	11.50	22.20	-42.66	-13.00	-29.66	V
The Worst Test Results for Channel 810/1909.8MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3819.44	-33.74	12.60	12.93	-34.07	-13.00	-21.07	H
5729.22	-34.47	13.10	17.11	-38.48	-13.00	-25.48	H
7639.00	-33.64	11.50	22.20	-44.34	-13.00	-31.34	H
3819.44	-35.03	12.60	12.93	-35.36	-13.00	-22.36	V
5729.22	-34.87	13.10	17.11	-38.88	-13.00	-25.88	V
7639.00	-32.24	11.50	22.20	-42.94	-13.00	-29.94	V



GPRS1900: (30-20000)MHz							
The Worst Test Results for Channel 512/1850.2MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3700.13	-33.92	12.60	12.93	-34.25	-13.00	-21.25	H
5550.48	-35.04	13.10	17.11	-39.05	-13.00	-26.05	H
7400.86	-32.22	11.50	22.20	-42.92	-13.00	-29.92	H
3700.13	-35.66	12.60	12.93	-35.99	-13.00	-22.99	V
5550.48	-35.11	13.10	17.11	-39.12	-13.00	-26.12	V
7400.86	-32.21	11.50	22.20	-42.91	-13.00	-29.91	V
The Worst Test Results for Channel 661/1880.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.17	-34.61	12.60	12.93	-34.94	-13.00	-21.94	H
5640.02	-34.43	13.10	17.11	-38.44	-13.00	-25.44	H
7520.15	-32.32	11.50	22.20	-43.02	-13.00	-30.02	H
3760.17	-35.45	12.60	12.93	-35.78	-13.00	-22.78	V
5640.02	-34.46	13.10	17.11	-38.47	-13.00	-25.47	V
7520.15	-32.15	11.50	22.20	-42.85	-13.00	-29.85	V
The Worst Test Results for Channel 810/1909.8MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3819.55	-34.93	12.60	12.93	-35.26	-13.00	-22.26	H
5729.11	-34.34	13.10	17.11	-38.35	-13.00	-25.35	H
7639.11	-33.23	11.50	22.20	-43.93	-13.00	-30.93	H
3819.55	-35.13	12.60	12.93	-35.46	-13.00	-22.46	V
5729.11	-34.08	13.10	17.11	-38.09	-13.00	-25.09	V
7639.11	-33.17	11.50	22.20	-43.87	-13.00	-30.87	V



EGPRS 1900: (30-20000)MHz							
The Worst Test Results for Channel 512/1850.2MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3700.06	-34.66	12.60	12.93	-34.99	-13.00	-21.99	H
5550.36	-34.58	13.10	17.11	-38.59	-13.00	-25.59	H
7400.57	-32.63	11.50	22.20	-43.33	-13.00	-30.33	H
3700.06	-35.08	12.60	12.93	-35.41	-13.00	-22.41	V
5550.36	-34.44	13.10	17.11	-38.45	-13.00	-25.45	V
7400.57	-32.70	11.50	22.20	-43.40	-13.00	-30.40	V
The Worst Test Results for Channel 661/1880.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.21	-34.76	12.60	12.93	-35.09	-13.00	-22.09	H
5639.89	-34.05	13.10	17.11	-38.06	-13.00	-25.06	H
7520.06	-32.49	11.50	22.20	-43.19	-13.00	-30.19	H
3760.21	-35.23	12.60	12.93	-35.56	-13.00	-22.56	V
5639.89	-34.53	13.10	17.11	-38.54	-13.00	-25.54	V
7520.06	-32.26	11.50	22.20	-42.96	-13.00	-29.96	V
The Worst Test Results for Channel 810/1909.8MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3819.32	-33.54	12.60	12.93	-33.87	-13.00	-20.87	H
5729.20	-35.07	13.10	17.11	-39.08	-13.00	-26.08	H
7639.07	-32.90	11.50	22.20	-43.60	-13.00	-30.60	H
3819.32	-34.63	12.60	12.93	-34.96	-13.00	-21.96	V
5729.20	-34.80	13.10	17.11	-38.81	-13.00	-25.81	V
7639.07	-32.95	11.50	22.20	-43.65	-13.00	-30.65	V



WCDMA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.16	-34.48	12.60	12.93	-34.81	-13.00	-21.81	H
5557.42	-34.71	13.10	17.11	-38.72	-13.00	-25.72	H
7409.73	-33.28	11.50	22.20	-43.98	-13.00	-30.98	H
3704.16	-35.53	12.60	12.93	-35.86	-13.00	-22.86	V
5557.42	-34.33	13.10	17.11	-38.34	-13.00	-25.34	V
7409.73	-32.54	11.50	22.20	-43.24	-13.00	-30.24	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.03	-33.58	12.60	12.93	-33.91	-13.00	-20.91	H
5640.26	-35.22	13.10	17.11	-39.23	-13.00	-26.23	H
7520.22	-32.31	11.50	22.20	-43.01	-13.00	-30.01	H
3760.03	-35.30	12.60	12.93	-35.63	-13.00	-22.63	V
5640.26	-34.46	13.10	17.11	-38.47	-13.00	-25.47	V
7520.22	-32.10	11.50	22.20	-42.80	-13.00	-29.80	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.43	-34.35	12.60	12.93	-34.68	-13.00	-21.68	H
5722.58	-35.12	13.10	17.11	-39.13	-13.00	-26.13	H
7630.22	-32.67	11.50	22.20	-43.37	-13.00	-30.37	H
3815.43	-35.13	12.60	12.93	-35.46	-13.00	-22.46	V
5722.58	-34.12	13.10	17.11	-38.13	-13.00	-25.13	V
7630.22	-33.17	11.50	22.20	-43.87	-13.00	-30.87	V



HSDPA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.31	-33.92	12.60	12.93	-34.25	-13.00	-21.25	H
5557.55	-34.90	13.10	17.11	-38.91	-13.00	-25.91	H
7409.58	-32.71	11.50	22.20	-43.41	-13.00	-30.41	H
3704.31	-34.87	12.60	12.93	-35.20	-13.00	-22.20	V
5557.55	-35.04	13.10	17.11	-39.05	-13.00	-26.05	V
7409.58	-32.94	11.50	22.20	-43.64	-13.00	-30.64	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.96	-33.87	12.60	12.93	-34.20	-13.00	-21.20	H
5639.89	-35.08	13.10	17.11	-39.09	-13.00	-26.09	H
7519.98	-32.44	11.50	22.20	-43.14	-13.00	-30.14	H
3759.96	-35.60	12.60	12.93	-35.93	-13.00	-22.93	V
5639.89	-35.10	13.10	17.11	-39.11	-13.00	-26.11	V
7519.98	-31.96	11.50	22.20	-42.66	-13.00	-29.66	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.29	-34.34	12.60	12.93	-34.67	-13.00	-21.67	H
5722.83	-35.17	13.10	17.11	-39.18	-13.00	-26.18	H
7630.10	-32.98	11.50	22.20	-43.68	-13.00	-30.68	H
3815.29	-34.89	12.60	12.93	-35.22	-13.00	-22.22	V
5722.83	-34.38	13.10	17.11	-38.39	-13.00	-25.39	V
7630.10	-32.27	11.50	22.20	-42.97	-13.00	-29.97	V



HSUPA Band 2: (30-20000)MHz							
The Worst Test Results for Channel 9262/1852.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3704.33	-34.56	12.60	12.93	-34.89	-13.00	-21.89	H
5557.46	-35.47	13.10	17.11	-39.48	-13.00	-26.48	H
7409.84	-32.21	11.50	22.20	-42.91	-13.00	-29.91	H
3704.33	-35.66	12.60	12.93	-35.99	-13.00	-22.99	V
5557.46	-34.58	13.10	17.11	-38.59	-13.00	-25.59	V
7409.84	-32.42	11.50	22.20	-43.12	-13.00	-30.12	V
The Worst Test Results for Channel 9400/1880MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.23	-34.22	12.60	12.93	-34.55	-13.00	-21.55	H
5639.87	-35.32	13.10	17.11	-39.33	-13.00	-26.33	H
7520.11	-32.78	11.50	22.20	-43.48	-13.00	-30.48	H
3760.23	-34.91	12.60	12.93	-35.24	-13.00	-22.24	V
5639.87	-34.59	13.10	17.11	-38.60	-13.00	-25.60	V
7520.11	-32.27	11.50	22.20	-42.97	-13.00	-29.97	V
The Worst Test Results for Channel 9538/1907.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3815.65	-34.72	12.60	12.93	-35.05	-13.00	-22.05	H
5722.84	-34.35	13.10	17.11	-38.36	-13.00	-25.36	H
7630.38	-32.16	11.50	22.20	-42.86	-13.00	-29.86	H
3815.65	-35.49	12.60	12.93	-35.82	-13.00	-22.82	V
5722.84	-35.06	13.10	17.11	-39.07	-13.00	-26.07	V
7630.38	-31.85	11.50	22.20	-42.55	-13.00	-29.55	V



WCDMA Band 4: (30-18000)MHz							
The Worst Test Results for Channel 1312/1712.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3425.07	-34.51	12.90	12.05	-33.66	-13.00	-20.66	H
5137.44	-35.42	12.80	16.27	-38.89	-13.00	-25.89	H
6849.59	-33.04	12.30	20.13	-40.87	-13.00	-27.87	H
3425.07	-34.62	12.90	12.05	-33.77	-13.00	-20.77	V
5137.44	-34.84	12.80	16.27	-38.31	-13.00	-25.31	V
6849.59	-32.14	12.30	20.13	-39.97	-13.00	-26.97	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3480.16	-34.33	12.90	12.05	-33.48	-13.00	-20.48	H
5219.79	-35.43	12.80	16.27	-38.90	-13.00	-25.90	H
6959.78	-33.01	12.30	20.13	-40.84	-13.00	-27.84	H
3480.16	-35.90	12.90	12.05	-35.05	-13.00	-22.05	V
5219.79	-35.04	12.80	16.27	-38.51	-13.00	-25.51	V
6959.78	-32.55	12.30	20.13	-40.38	-13.00	-27.38	V
The Worst Test Results for Channel 1513/1752.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3505.04	-34.69	12.90	12.05	-33.84	-13.00	-20.84	H
5257.64	-34.55	12.80	16.27	-38.02	-13.00	-25.02	H
7010.53	-32.48	12.30	20.13	-40.31	-13.00	-27.31	H
3505.04	-35.89	12.90	12.05	-35.04	-13.00	-22.04	V
5257.64	-34.19	12.80	16.27	-37.66	-13.00	-24.66	V
7010.53	-33.01	12.30	20.13	-40.84	-13.00	-27.84	V



HSDPA Band 4: (30-18000)MHz							
The Worst Test Results for Channel 1312/1712.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3424.88	-34.30	12.90	12.05	-33.45	-13.00	-20.45	H
5137.01	-34.01	12.80	16.27	-37.48	-13.00	-24.48	H
6849.62	-32.83	12.30	20.13	-40.66	-13.00	-27.66	H
3424.88	-35.90	12.90	12.05	-35.05	-13.00	-22.05	V
5137.01	-35.02	12.80	16.27	-38.49	-13.00	-25.49	V
6849.62	-32.16	12.30	20.13	-39.99	-13.00	-26.99	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3479.78	-34.28	12.90	12.05	-33.43	-13.00	-20.43	H
5220.09	-35.02	12.80	16.27	-38.49	-13.00	-25.49	H
6959.91	-33.14	12.30	20.13	-40.97	-13.00	-27.97	H
3479.78	-35.72	12.90	12.05	-34.87	-13.00	-21.87	V
5220.09	-33.76	12.80	16.27	-37.23	-13.00	-24.23	V
6959.91	-32.63	12.30	20.13	-40.46	-13.00	-27.46	V
The Worst Test Results for Channel 1513/1752.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3505.40	-34.76	12.90	12.05	-33.91	-13.00	-20.91	H
5257.78	-34.03	12.80	16.27	-37.50	-13.00	-24.50	H
7010.55	-32.65	12.30	20.13	-40.48	-13.00	-27.48	H
3505.40	-35.27	12.90	12.05	-34.42	-13.00	-21.42	V
5257.78	-34.56	12.80	16.27	-38.03	-13.00	-25.03	V
7010.55	-33.19	12.30	20.13	-41.02	-13.00	-28.02	V



HSUPA Band 4: (30-18000)MHz							
The Worst Test Results for Channel 1312/1712.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3424.93	-34.71	12.90	12.05	-33.86	-13.00	-20.86	H
5137.23	-34.92	12.80	16.27	-38.39	-13.00	-25.39	H
6849.72	-33.39	12.30	20.13	-41.22	-13.00	-28.22	H
3424.93	-35.32	12.90	12.05	-34.47	-13.00	-21.47	V
5137.23	-34.29	12.80	16.27	-37.76	-13.00	-24.76	V
6849.72	-32.58	12.30	20.13	-40.41	-13.00	-27.41	V
The Worst Test Results for Channel 1450/1740.0MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3479.76	-33.87	12.90	12.05	-33.02	-13.00	-20.02	H
5219.85	-35.44	12.80	16.27	-38.91	-13.00	-25.91	H
6960.20	-32.98	12.30	20.13	-40.81	-13.00	-27.81	H
3479.76	-35.00	12.90	12.05	-34.15	-13.00	-21.15	V
5219.85	-35.21	12.80	16.27	-38.68	-13.00	-25.68	V
6960.20	-32.15	12.30	20.13	-39.98	-13.00	-26.98	V
The Worst Test Results for Channel 1513/1752.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3505.07	-33.47	12.90	12.05	-32.62	-13.00	-19.62	H
5257.98	-35.18	12.80	16.27	-38.65	-13.00	-25.65	H
7010.57	-32.81	12.30	20.13	-40.64	-13.00	-27.64	H
3505.07	-35.95	12.90	12.05	-35.10	-13.00	-22.10	V
5257.98	-34.88	12.80	16.27	-38.35	-13.00	-25.35	V
7010.57	-33.12	12.30	20.13	-40.95	-13.00	-27.95	V



WCDMA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.64	-40.95	9.40	4.75	-36.30	-13.00	-23.30	H
2479.07	-40.51	10.60	8.39	-38.30	-13.00	-25.30	H
3305.57	-32.21	12.00	11.79	-32.00	-13.00	-19.00	H
1652.64	-44.63	9.40	4.75	-39.98	-13.00	-26.98	V
2479.07	-44.35	10.60	8.39	-42.14	-13.00	-29.14	V
3305.57	-43.63	12.00	11.79	-43.42	-13.00	-30.42	V
The Worst Test Results Channel 4182/836.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.85	-40.23	9.40	4.75	-35.58	-13.00	-22.58	H
2509.37	-39.63	10.60	8.39	-37.42	-13.00	-24.42	H
3345.68	-30.94	12.00	11.79	-30.73	-13.00	-17.73	H
1672.85	-44.37	9.40	4.75	-39.72	-13.00	-26.72	V
2509.37	-44.20	10.60	8.39	-41.99	-13.00	-28.99	V
3345.68	-42.60	12.00	11.79	-42.39	-13.00	-29.39	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.43	-40.60	9.40	4.75	-35.95	-13.00	-22.95	H
2539.52	-40.57	10.60	8.39	-38.36	-13.00	-25.36	H
3386.43	-31.01	12.00	11.79	-30.80	-13.00	-17.80	H
1693.43	-43.58	9.40	4.75	-38.93	-13.00	-25.93	V
2539.52	-44.77	10.60	8.39	-42.56	-13.00	-29.56	V
3386.43	-43.15	12.00	11.79	-42.94	-13.00	-29.94	V



HSDPA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.74	-40.20	9.40	4.75	-35.55	-13.00	-22.55	H
2479.45	-40.24	10.60	8.39	-38.03	-13.00	-25.03	H
3305.83	-31.58	12.00	11.79	-31.37	-13.00	-18.37	H
1652.74	-44.41	9.40	4.75	-39.76	-13.00	-26.76	V
2479.45	-45.12	10.60	8.39	-42.91	-13.00	-29.91	V
3305.83	-42.94	12.00	11.79	-42.73	-13.00	-29.73	V
The Worst Test Results Channel 4182/836.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.98	-40.26	9.40	4.75	-35.61	-13.00	-22.61	H
2509.42	-39.43	10.60	8.39	-37.22	-13.00	-24.22	H
3345.58	-31.17	12.00	11.79	-30.96	-13.00	-17.96	H
1672.98	-43.74	9.40	4.75	-39.09	-13.00	-26.09	V
2509.42	-45.08	10.60	8.39	-42.87	-13.00	-29.87	V
3345.58	-43.60	12.00	11.79	-43.39	-13.00	-30.39	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.34	-40.19	9.40	4.75	-35.54	-13.00	-22.54	H
2539.78	-39.64	10.60	8.39	-37.43	-13.00	-24.43	H
3386.49	-31.60	12.00	11.79	-31.39	-13.00	-18.39	H
1693.34	-44.17	9.40	4.75	-39.52	-13.00	-26.52	V
2539.78	-45.09	10.60	8.39	-42.88	-13.00	-29.88	V
3386.49	-43.64	12.00	11.79	-43.43	-13.00	-30.43	V



HSUPA Band 5: (30-9000)MHz							
The worst testresults channel 4132/826.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1652.61	-41.51	9.40	4.75	-36.86	-13.00	-23.86	H
2479.04	-40.38	10.60	8.39	-38.17	-13.00	-25.17	H
3305.53	-31.97	12.00	11.79	-31.76	-13.00	-18.76	H
1652.61	-43.30	9.40	4.75	-38.65	-13.00	-25.65	V
2479.04	-45.19	10.60	8.39	-42.98	-13.00	-29.98	V
3305.53	-42.73	12.00	11.79	-42.52	-13.00	-29.52	V
The Worst Test Results Channel 4182/836.4MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1672.81	-41.14	9.40	4.75	-36.49	-13.00	-23.49	H
2509.21	-39.69	10.60	8.39	-37.48	-13.00	-24.48	H
3345.46	-32.01	12.00	11.79	-31.80	-13.00	-18.80	H
1672.81	-43.68	9.40	4.75	-39.03	-13.00	-26.03	V
2509.21	-45.07	10.60	8.39	-42.86	-13.00	-29.86	V
3345.46	-43.59	12.00	11.79	-43.38	-13.00	-30.38	V
The Worst Test Results Channel 4233/846.6MHz							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
1693.37	-41.34	9.40	4.75	-36.69	-13.00	-23.69	H
2539.98	-39.33	10.60	8.39	-37.12	-13.00	-24.12	H
3386.50	-32.19	12.00	11.79	-31.98	-13.00	-18.98	H
1693.37	-44.30	9.40	4.75	-39.65	-13.00	-26.65	V
2539.98	-44.80	10.60	8.39	-42.59	-13.00	-29.59	V
3386.50	-43.93	12.00	11.79	-43.72	-13.00	-30.72	V



LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3701.45	-34.21	12.60	12.93	-34.54	-13.00	-21.54	H
5551.92	-34.00	13.10	17.11	-38.01	-13.00	-25.01	H
7402.52	-32.25	11.50	22.20	-42.95	-13.00	-29.95	H
3701.45	-35.34	12.60	12.93	-35.67	-13.00	-22.67	V
5551.92	-33.86	13.10	17.11	-37.87	-13.00	-24.87	V
7402.52	-32.53	11.50	22.20	-43.23	-13.00	-30.23	V
LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.21	-33.83	12.60	12.93	-34.16	-13.00	-21.16	H
5640.00	-34.98	13.10	17.11	-38.99	-13.00	-25.99	H
7520.01	-32.48	11.50	22.20	-43.18	-13.00	-30.18	H
3760.21	-35.73	12.60	12.93	-36.06	-13.00	-23.06	V
5640.00	-33.97	13.10	17.11	-37.98	-13.00	-24.98	V
7520.01	-31.82	11.50	22.20	-42.52	-13.00	-29.52	V
LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3818.29	-33.91	12.60	12.93	-34.24	-13.00	-21.24	H
5727.78	-35.08	13.10	17.11	-39.09	-13.00	-26.09	H
7637.05	-32.37	11.50	22.20	-43.07	-13.00	-30.07	H
3818.29	-34.57	12.60	12.93	-34.90	-13.00	-21.90	V
5727.78	-34.34	13.10	17.11	-38.35	-13.00	-25.35	V
7637.05	-32.38	11.50	22.20	-43.08	-13.00	-30.08	V



LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3703.11	-33.67	12.60	12.93	-34.00	-13.00	-21.00	H
5554.20	-34.14	13.10	17.11	-38.15	-13.00	-25.15	H
7405.77	-33.24	11.50	22.20	-43.94	-13.00	-30.94	H
3703.11	-34.99	12.60	12.93	-35.32	-13.00	-22.32	V
5554.20	-33.80	13.10	17.11	-37.81	-13.00	-24.81	V
7405.77	-32.53	11.50	22.20	-43.23	-13.00	-30.23	V
LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.94	-34.21	12.60	12.93	-34.54	-13.00	-21.54	H
5640.15	-35.46	13.10	17.11	-39.47	-13.00	-26.47	H
7520.11	-32.72	11.50	22.20	-43.42	-13.00	-30.42	H
3759.94	-35.34	12.60	12.93	-35.67	-13.00	-22.67	V
5640.15	-34.18	13.10	17.11	-38.19	-13.00	-25.19	V
7520.11	-32.22	11.50	22.20	-42.92	-13.00	-29.92	V
LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3816.96	-34.57	12.60	12.93	-34.90	-13.00	-21.90	H
5725.49	-34.14	13.10	17.11	-38.15	-13.00	-25.15	H
7634.18	-33.07	11.50	22.20	-43.77	-13.00	-30.77	H
3816.96	-36.02	12.60	12.93	-36.35	-13.00	-23.35	V
5725.49	-34.13	13.10	17.11	-38.14	-13.00	-25.14	V
7634.18	-32.09	11.50	22.20	-42.79	-13.00	-29.79	V



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3705.03	-33.87	12.60	12.93	-34.20	-13.00	-21.20	H
5557.54	-35.39	13.10	17.11	-39.40	-13.00	-26.40	H
7409.87	-32.50	11.50	22.20	-43.20	-13.00	-30.20	H
3705.03	-35.66	12.60	12.93	-35.99	-13.00	-22.99	V
5557.54	-34.90	13.10	17.11	-38.91	-13.00	-25.91	V
7409.87	-32.82	11.50	22.20	-43.52	-13.00	-30.52	V
LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.82	-33.84	12.60	12.93	-34.17	-13.00	-21.17	H
5640.04	-34.69	13.10	17.11	-38.70	-13.00	-25.70	H
7520.30	-33.48	11.50	22.20	-44.18	-13.00	-31.18	H
3759.82	-35.87	12.60	12.93	-36.20	-13.00	-23.20	V
5640.04	-34.25	13.10	17.11	-38.26	-13.00	-25.26	V
7520.30	-31.82	11.50	22.20	-42.52	-13.00	-29.52	V
LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3814.95	-34.62	12.60	12.93	-34.95	-13.00	-21.95	H
5722.45	-35.25	13.10	17.11	-39.26	-13.00	-26.26	H
7630.02	-32.49	11.50	22.20	-43.19	-13.00	-30.19	H
3814.95	-35.46	12.60	12.93	-35.79	-13.00	-22.79	V
5722.45	-34.14	13.10	17.11	-38.15	-13.00	-25.15	V
7630.02	-32.01	11.50	22.20	-42.71	-13.00	-29.71	V



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3710.11	-34.06	12.60	12.93	-34.39	-13.00	-21.39	H
5565.40	-34.81	13.10	17.11	-38.82	-13.00	-25.82	H
7419.97	-32.31	11.50	22.20	-43.01	-13.00	-30.01	H
3710.11	-35.43	12.60	12.93	-35.76	-13.00	-22.76	V
5565.40	-34.69	13.10	17.11	-38.70	-13.00	-25.70	V
7419.97	-32.13	11.50	22.20	-42.83	-13.00	-29.83	V
LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3760.04	-34.05	12.60	12.93	-34.38	-13.00	-21.38	H
5640.21	-34.56	13.10	17.11	-38.57	-13.00	-25.57	H
7520.13	-32.77	11.50	22.20	-43.47	-13.00	-30.47	H
3760.04	-34.86	12.60	12.93	-35.19	-13.00	-22.19	V
5640.21	-34.58	13.10	17.11	-38.59	-13.00	-25.59	V
7520.13	-31.73	11.50	22.20	-42.43	-13.00	-29.43	V
LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3809.96	-33.45	12.60	12.93	-33.78	-13.00	-20.78	H
5714.95	-34.60	13.10	17.11	-38.61	-13.00	-25.61	H
7619.87	-33.00	11.50	22.20	-43.70	-13.00	-30.70	H
3809.96	-35.13	12.60	12.93	-35.46	-13.00	-22.46	V
5714.95	-34.53	13.10	17.11	-38.54	-13.00	-25.54	V
7619.87	-31.85	11.50	22.20	-42.55	-13.00	-29.55	V



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3714.90	-33.89	12.60	12.93	-34.22	-13.00	-21.22	H
5572.17	-35.05	13.10	17.11	-39.06	-13.00	-26.06	H
7430.41	-33.47	11.50	22.20	-44.17	-13.00	-31.17	H
3714.90	-36.02	12.60	12.93	-36.35	-13.00	-23.35	V
5572.17	-35.10	13.10	17.11	-39.11	-13.00	-26.11	V
7430.41	-32.79	11.50	22.20	-43.49	-13.00	-30.49	V
LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3759.81	-34.01	12.60	12.93	-34.34	-13.00	-21.34	H
5639.89	-35.39	13.10	17.11	-39.40	-13.00	-26.40	H
7520.23	-32.56	11.50	22.20	-43.26	-13.00	-30.26	H
3759.81	-35.08	12.60	12.93	-35.41	-13.00	-22.41	V
5639.89	-33.82	13.10	17.11	-37.83	-13.00	-24.83	V
7520.23	-33.11	11.50	22.20	-43.81	-13.00	-30.81	V
LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
3805.08	-34.85	12.60	12.93	-35.18	-13.00	-22.18	H
5707.46	-34.29	13.10	17.11	-38.30	-13.00	-25.30	H
7609.86	-33.55	11.50	22.20	-44.25	-13.00	-31.25	H
3805.08	-35.16	12.60	12.93	-35.49	-13.00	-22.49	V
5707.46	-33.91	13.10	17.11	-37.92	-13.00	-24.92	V
7609.86	-31.74	11.50	22.20	-42.44	-13.00	-29.44	V