

Appendix for LTE BAND 40(2305-2315MHz)

Product Name: Mobile Phone

Model No: STAR

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
40(2305-2315)	5MHz	QPSK	38725	1RB#0	21.55	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#0	20.98	PASS
40(2305-2315)	5MHz	QPSK	38725	1RB#24	21.67	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#24	21.26	PASS
40(2305-2315)	5MHz	QPSK	38725	1RB#49	21.39	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#49	21.51	PASS
40(2305-2315)	5MHz	QPSK	38725	25RB#0	21.33	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	21.18	PASS
40(2305-2315)	5MHz	QPSK	38725	25RB#12	21.78	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#12	21.32	PASS
40(2305-2315)	5MHz	QPSK	38725	25RB#25	20.94	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#25	20.82	PASS
40(2305-2315)	5MHz	QPSK	38725	50RB#0	21.45	PASS
40(2305-2315)	5MHz	16QAM	38725	50RB#0	21.23	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#0	21.22	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#0	20.47	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#24	21.60	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#24	20.94	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#49	21.86	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#49	21.05	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	21.65	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	21.07	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#12	21.78	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#12	21.22	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#25	20.96	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#25	21.57	PASS
40(2305-2315)	5MHz	QPSK	38750	50RB#0	21.77	PASS
40(2305-2315)	5MHz	16QAM	38750	50RB#0	21.62	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#0	21.44	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#0	20.66	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#24	21.61	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#24	20.90	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#49	20.98	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#49	21.43	PASS
40(2305-2315)	5MHz	QPSK	38775	25RB#0	21.81	PASS
40(2305-2315)	5MHz	16QAM	38775	25RB#0	21.30	PASS
40(2305-2315)	5MHz	QPSK	38775	25RB#12	21.07	PASS

40(2305-2315)	5MHz	16QAM	38775	25RB#12	21.16	PASS
40(2305-2315)	5MHz	QPSK	38775	25RB#25	21.10	PASS
40(2305-2315)	5MHz	16QAM	38775	25RB#25	21.16	PASS
40(2305-2315)	5MHz	QPSK	38775	50RB#0	21.79	PASS
40(2305-2315)	5MHz	16QAM	38775	50RB#0	21.49	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#0	21.08	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#0	21.82	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#24	20.52	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#24	20.67	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#49	21.59	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#49	20.31	PASS
40(2305-2315)	10MHz	QPSK	38750	25RB#0	21.41	PASS
40(2305-2315)	10MHz	16QAM	38750	25RB#0	20.92	PASS
40(2305-2315)	10MHz	QPSK	38750	25RB#12	21.40	PASS
40(2305-2315)	10MHz	16QAM	38750	25RB#12	21.82	PASS
40(2305-2315)	10MHz	QPSK	38750	25RB#25	21.54	PASS
40(2305-2315)	10MHz	16QAM	38750	25RB#25	22.19	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	21.11	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	21.11	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
40(2305-2315)	5MHz	QPSK	38725	1RB#0	10.29	13	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#0	11.30	13	PASS
40(2305-2315)	5MHz	QPSK	38725	25RB#0	10.55	13	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	11.22	13	PASS
40(2305-2315)	5MHz	QPSK	38750	1RB#0	10.72	13	PASS
40(2305-2315)	5MHz	16QAM	38750	1RB#0	11.59	13	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	10.55	13	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	11.36	13	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#0	10.52	13	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#0	11.30	13	PASS
40(2305-2315)	5MHz	QPSK	38775	25RB#0	10.64	13	PASS
40(2305-2315)	5MHz	16QAM	38775	25RB#0	11.33	13	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#0	10.67	13	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#0	11.48	13	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	10.75	13	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	11.36	13	PASS

Test Graphs





