

Appendix for LTE Band 12

CONTENTS

Appendix A: Effective (Isotropic) Radiated Power Output Data for M1 3

 Test Result3

Appendix B: Peak-to-Average Ratio(CCDF) for M1 6

 Test Result6

 Test Graphs8

Appendix C: 26dB Bandwidth and Occupied Bandwidth for M120

 Test Result20

 Test Graphs21

Appendix D: Band Edge for M1 27

 Test Result27

 Test Graphs28

Appendix E: Conducted Spurious Emission for M1 36

 Test Result36

 Test Graphs39

Appendix F: Frequency Stability for M1 63

 Test Result63

Appendix A: Effective (Isotropic) Radiated Power Output Data for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Conducted Power(dBm)	Limit(dBm)	Verdict
Band12	1.4MHz	23017	QPSK	1	0	Low	23.35	<34.8	PASS
Band12	1.4MHz	23017	16QAM	1	0	Low	22.39	<34.8	PASS
Band12	1.4MHz	23017	QPSK	1	5	Low	23.56	<34.8	PASS
Band12	1.4MHz	23017	16QAM	1	5	Low	22.55	<34.8	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	21.43	<34.8	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	21.43	<34.8	PASS
Band12	3MHz	23025	QPSK	1	0	Low	23.02	<34.8	PASS
Band12	3MHz	23025	16QAM	1	0	Low	22.11	<34.8	PASS
Band12	3MHz	23025	QPSK	1	5	Low	23.27	<34.8	PASS
Band12	3MHz	23025	16QAM	1	5	Low	22.23	<34.8	PASS
Band12	3MHz	23025	QPSK	6	0	Low	21.23	<34.8	PASS
Band12	3MHz	23025	16QAM	6	0	Low	21.23	<34.8	PASS
Band12	5MHz	23035	QPSK	1	0	Low	22.79	<34.8	PASS
Band12	5MHz	23035	16QAM	1	0	Low	22.52	<34.8	PASS
Band12	5MHz	23035	QPSK	1	5	Low	22.83	<34.8	PASS
Band12	5MHz	23035	16QAM	1	5	Low	22.71	<34.8	PASS
Band12	5MHz	23035	QPSK	6	0	Low	22.07	<34.8	PASS
Band12	5MHz	23035	16QAM	6	0	Low	22.07	<34.8	PASS
Band12	10MHz	23060	QPSK	1	0	Low	23.10	<34.8	PASS
Band12	10MHz	23060	16QAM	1	0	Low	22.83	<34.8	PASS
Band12	10MHz	23060	QPSK	1	5	Low	23.09	<34.8	PASS
Band12	10MHz	23060	16QAM	1	5	Low	23.18	<34.8	PASS
Band12	10MHz	23060	QPSK	6	0	Low	22.17	<34.8	PASS
Band12	10MHz	23060	16QAM	6	0	Low	22.18	<34.8	PASS
Band12	1.4MHz	23095	QPSK	1	0	Low	23.14	<34.8	PASS
Band12	1.4MHz	23095	16QAM	1	0	Low	22.22	<34.8	PASS
Band12	1.4MHz	23095	QPSK	1	5	Low	23.32	<34.8	PASS
Band12	1.4MHz	23095	16QAM	1	5	Low	22.31	<34.8	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	21.33	<34.8	PASS

Band12	1.4MHz	23095	16QAM	6	0	Low	21.34	<34.8	PASS
Band12	3MHz	23095	QPSK	1	0	Low	23.05	<34.8	PASS
Band12	3MHz	23095	16QAM	1	0	Low	22.19	<34.8	PASS
Band12	3MHz	23095	QPSK	1	5	Low	23.38	<34.8	PASS
Band12	3MHz	23095	16QAM	1	5	Low	22.30	<34.8	PASS
Band12	3MHz	23095	QPSK	6	0	Low	21.41	<34.8	PASS
Band12	3MHz	23095	16QAM	6	0	Low	21.30	<34.8	PASS
Band12	5MHz	23095	QPSK	1	0	Low	23.00	<34.8	PASS
Band12	5MHz	23095	16QAM	1	0	Low	22.74	<34.8	PASS
Band12	5MHz	23095	QPSK	1	5	Low	22.97	<34.8	PASS
Band12	5MHz	23095	16QAM	1	5	Low	22.88	<34.8	PASS
Band12	5MHz	23095	QPSK	6	0	Low	22.25	<34.8	PASS
Band12	5MHz	23095	16QAM	6	0	Low	22.26	<34.8	PASS
Band12	10MHz	23095	QPSK	1	0	Low	22.94	<34.8	PASS
Band12	10MHz	23095	16QAM	1	0	Low	22.65	<34.8	PASS
Band12	10MHz	23095	QPSK	1	5	Low	22.84	<34.8	PASS
Band12	10MHz	23095	16QAM	1	5	Low	22.77	<34.8	PASS
Band12	10MHz	23095	QPSK	6	0	Low	22.14	<34.8	PASS
Band12	10MHz	23095	16QAM	6	0	Low	22.15	<34.8	PASS
Band12	1.4MHz	23173	QPSK	1	0	High	23.14	<34.8	PASS
Band12	1.4MHz	23173	16QAM	1	0	High	22.16	<34.8	PASS
Band12	1.4MHz	23173	QPSK	1	5	High	23.39	<34.8	PASS
Band12	1.4MHz	23173	16QAM	1	5	High	22.31	<34.8	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	21.29	<34.8	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	21.30	<34.8	PASS
Band12	3MHz	23165	QPSK	1	0	High	23.13	<34.8	PASS
Band12	3MHz	23165	16QAM	1	0	High	22.14	<34.8	PASS
Band12	3MHz	23165	QPSK	1	5	High	23.35	<34.8	PASS
Band12	3MHz	23165	16QAM	1	5	High	22.28	<34.8	PASS
Band12	3MHz	23165	QPSK	6	0	High	21.29	<34.8	PASS
Band12	3MHz	23165	16QAM	6	0	High	21.29	<34.8	PASS
Band12	5MHz	23155	QPSK	1	0	High	23.10	<34.8	PASS
Band12	5MHz	23155	16QAM	1	0	High	22.89	<34.8	PASS
Band12	5MHz	23155	QPSK	1	5	High	23.32	<34.8	PASS
Band12	5MHz	23155	16QAM	1	5	High	23.33	<34.8	PASS
Band12	5MHz	23155	QPSK	6	0	High	22.18	<34.8	PASS
Band12	5MHz	23155	16QAM	6	0	High	22.16	<34.8	PASS
Band12	10MHz	23130	QPSK	1	0	High	23.08	<34.8	PASS
Band12	10MHz	23130	16QAM	1	0	High	22.73	<34.8	PASS
Band12	10MHz	23130	QPSK	1	5	High	22.99	<34.8	PASS
Band12	10MHz	23130	16QAM	1	5	High	22.89	<34.8	PASS

Band12	10MHz	23130	QPSK	6	0	High	22.14	<34.8	PASS
Band12	10MHz	23130	16QAM	6	0	High	22.14	<34.8	PASS

Appendix B: Peak-to-Average Ratio(CCDF) for M1**Test Result**

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	23017	QPSK	1	0	Low	4.46	<=13	PASS
Band12	1.4MHz	23017	16QAM	1	0	Low	5.83	<=13	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	5.13	<=13	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	5.13	<=13	PASS
Band12	3MHz	23025	QPSK	1	0	Low	4.14	<=13	PASS
Band12	3MHz	23025	16QAM	1	0	Low	5.68	<=13	PASS
Band12	3MHz	23025	QPSK	6	0	Low	5.07	<=13	PASS
Band12	3MHz	23025	16QAM	6	0	Low	5.07	<=13	PASS
Band12	5MHz	23035	QPSK	1	0	Low	4.67	<=13	PASS
Band12	5MHz	23035	16QAM	1	0	Low	5.71	<=13	PASS
Band12	5MHz	23035	QPSK	6	0	Low	4.99	<=13	PASS
Band12	5MHz	23035	16QAM	6	0	Low	4.99	<=13	PASS
Band12	10MHz	23060	QPSK	1	0	Low	4.46	<=13	PASS
Band12	10MHz	23060	16QAM	1	0	Low	6.03	<=13	PASS
Band12	10MHz	23060	QPSK	6	0	Low	4.96	<=13	PASS
Band12	10MHz	23060	16QAM	6	0	Low	4.93	<=13	PASS
Band12	1.4MHz	23095	QPSK	1	0	Low	4.43	<=13	PASS
Band12	1.4MHz	23095	16QAM	1	0	Low	5.86	<=13	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	5.16	<=13	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	5.16	<=13	PASS
Band12	3MHz	23095	QPSK	1	0	Low	4.20	<=13	PASS
Band12	3MHz	23095	16QAM	1	0	Low	5.74	<=13	PASS
Band12	3MHz	23095	QPSK	6	0	Low	5.10	<=13	PASS
Band12	3MHz	23095	16QAM	6	0	Low	5.10	<=13	PASS
Band12	5MHz	23095	QPSK	1	0	Low	4.58	<=13	PASS
Band12	5MHz	23095	16QAM	1	0	Low	5.74	<=13	PASS
Band12	5MHz	23095	QPSK	6	0	Low	4.99	<=13	PASS
Band12	5MHz	23095	16QAM	6	0	Low	4.90	<=13	PASS
Band12	10MHz	23095	QPSK	1	0	Low	4.61	<=13	PASS
Band12	10MHz	23095	16QAM	1	0	Low	5.71	<=13	PASS
Band12	10MHz	23095	QPSK	6	0	Low	4.93	<=13	PASS
Band12	10MHz	23095	16QAM	6	0	Low	4.93	<=13	PASS
Band12	1.4MHz	23173	QPSK	1	0	High	4.58	<=13	PASS

Band12	1.4MHz	23173	16QAM	1	0	High	5.88	<=13	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	5.16	<=13	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	5.16	<=13	PASS
Band12	3MHz	23165	QPSK	1	0	High	4.26	<=13	PASS
Band12	3MHz	23165	16QAM	1	0	High	5.83	<=13	PASS
Band12	3MHz	23165	QPSK	6	0	High	5.13	<=13	PASS
Band12	3MHz	23165	16QAM	6	0	High	5.13	<=13	PASS
Band12	5MHz	23155	QPSK	1	0	High	4.61	<=13	PASS
Band12	5MHz	23155	16QAM	1	0	High	6.20	<=13	PASS
Band12	5MHz	23155	QPSK	6	0	High	5.04	<=13	PASS
Band12	5MHz	23155	16QAM	6	0	High	5.04	<=13	PASS
Band12	10MHz	23130	QPSK	1	0	High	4.67	<=13	PASS
Band12	10MHz	23130	16QAM	1	0	High	5.74	<=13	PASS
Band12	10MHz	23130	QPSK	6	0	High	5.04	<=13	PASS
Band12	10MHz	23130	16QAM	6	0	High	5.04	<=13	PASS

Test Graphs













