

Appendix for LTE Band 5

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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
Band5	1.4MHz	20407	QPSK	1	0	Low	23.12	-999~38.45	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	22.32	-999~38.45	PASS
Band5	1.4MHz	20407	QPSK	1	5	Low	23.42	-999~38.45	PASS
Band5	1.4MHz	20407	16QAM	1	5	Low	22.36	-999~38.45	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	21.39	-999~38.45	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	21.39	-999~38.45	PASS
Band5	3MHz	20415	QPSK	1	0	Low	23.09	-999~38.45	PASS
Band5	3MHz	20415	16QAM	1	0	Low	22.13	-999~38.45	PASS
Band5	3MHz	20415	QPSK	1	5	Low	23.31	-999~38.45	PASS
Band5	3MHz	20415	16QAM	1	5	Low	22.27	-999~38.45	PASS
Band5	3MHz	20415	QPSK	6	0	Low	21.19	-999~38.45	PASS
Band5	3MHz	20415	16QAM	6	0	Low	21.19	-999~38.45	PASS
Band5	5MHz	20425	QPSK	1	0	Low	22.94	-999~38.45	PASS
Band5	5MHz	20425	16QAM	1	0	Low	22.66	-999~38.45	PASS
Band5	5MHz	20425	QPSK	1	5	Low	22.83	-999~38.45	PASS
Band5	5MHz	20425	16QAM	1	5	Low	22.80	-999~38.45	PASS
Band5	5MHz	20425	QPSK	6	0	Low	22.15	-999~38.45	PASS
Band5	5MHz	20425	16QAM	6	0	Low	22.16	-999~38.45	PASS
Band5	10MHz	20450	QPSK	1	0	Low	22.89	-999~38.45	PASS
Band5	10MHz	20450	16QAM	1	0	Low	22.67	-999~38.45	PASS
Band5	10MHz	20450	QPSK	1	5	Low	22.83	-999~38.45	PASS
Band5	10MHz	20450	16QAM	1	5	Low	22.86	-999~38.45	PASS
Band5	10MHz	20450	QPSK	6	0	Low	22.15	-999~38.45	PASS
Band5	10MHz	20450	16QAM	6	0	Low	22.16	-999~38.45	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	22.92	-999~38.45	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	22.03	-999~38.45	PASS
Band5	1.4MHz	20525	QPSK	1	5	Low	23.15	-999~38.45	PASS
Band5	1.4MHz	20525	16QAM	1	5	Low	22.15	-999~38.45	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	21.13	-999~38.45	PASS

Band5	1.4MHz	20525	16QAM	6	0	Low	21.13	-999~38.45	PASS
Band5	3MHz	20525	QPSK	1	0	Low	0.00	-999~38.45	PASS
Band5	3MHz	20525	16QAM	1	0	Low	22.00	-999~38.45	PASS
Band5	3MHz	20525	QPSK	1	5	Low	23.12	-999~38.45	PASS
Band5	3MHz	20525	16QAM	1	5	Low	22.11	-999~38.45	PASS
Band5	3MHz	20525	QPSK	6	0	Low	21.10	-999~38.45	PASS
Band5	3MHz	20525	16QAM	6	0	Low	21.10	-999~38.45	PASS
Band5	5MHz	20525	QPSK	1	0	Low	22.73	-999~38.45	PASS
Band5	5MHz	20525	16QAM	1	0	Low	22.60	-999~38.45	PASS
Band5	5MHz	20525	QPSK	1	5	Low	22.79	-999~38.45	PASS
Band5	5MHz	20525	16QAM	1	5	Low	22.70	-999~38.45	PASS
Band5	5MHz	20525	QPSK	6	0	Low	22.07	-999~38.45	PASS
Band5	5MHz	20525	16QAM	6	0	Low	21.99	-999~38.45	PASS
Band5	10MHz	20525	QPSK	1	0	Low	22.87	-999~38.45	PASS
Band5	10MHz	20525	16QAM	1	0	Low	22.59	-999~38.45	PASS
Band5	10MHz	20525	QPSK	1	5	Low	22.76	-999~38.45	PASS
Band5	10MHz	20525	16QAM	1	5	Low	22.73	-999~38.45	PASS
Band5	10MHz	20525	QPSK	6	0	Low	22.13	-999~38.45	PASS
Band5	10MHz	20525	16QAM	6	0	Low	22.13	-999~38.45	PASS
Band5	1.4MHz	20643	QPSK	1	0	High	22.93	-999~38.45	PASS
Band5	1.4MHz	20643	16QAM	1	0	High	22.47	-999~38.45	PASS
Band5	1.4MHz	20643	QPSK	1	5	High	23.07	-999~38.45	PASS
Band5	1.4MHz	20643	16QAM	1	5	High	22.47	-999~38.45	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	21.04	-999~38.45	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	21.05	-999~38.45	PASS
Band5	3MHz	20635	QPSK	1	0	High	22.92	-999~38.45	PASS
Band5	3MHz	20635	16QAM	1	0	High	21.97	-999~38.45	PASS
Band5	3MHz	20635	QPSK	1	5	High	23.12	-999~38.45	PASS
Band5	3MHz	20635	16QAM	1	5	High	22.13	-999~38.45	PASS
Band5	3MHz	20635	QPSK	6	0	High	21.00	-999~38.45	PASS
Band5	3MHz	20635	16QAM	6	0	High	21.00	-999~38.45	PASS
Band5	5MHz	20625	QPSK	1	0	High	22.70	-999~38.45	PASS
Band5	5MHz	20625	16QAM	1	0	High	22.52	-999~38.45	PASS
Band5	5MHz	20625	QPSK	1	5	High	22.76	-999~38.45	PASS
Band5	5MHz	20625	16QAM	1	5	High	22.68	-999~38.45	PASS
Band5	5MHz	20625	QPSK	6	0	High	22.06	-999~38.45	PASS
Band5	5MHz	20625	16QAM	6	0	High	21.96	-999~38.45	PASS
Band5	10MHz	20600	QPSK	1	0	High	22.74	-999~38.45	PASS
Band5	10MHz	20600	16QAM	1	0	High	22.52	-999~38.45	PASS
Band5	10MHz	20600	QPSK	1	5	High	22.73	-999~38.45	PASS
Band5	10MHz	20600	16QAM	1	5	High	22.67	-999~38.45	PASS

Band5	10MHz	20600	QPSK	6	0	High	22.08	-999~38.45	PASS
Band5	10MHz	20600	16QAM	6	0	High	22.09	-999~38.45	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
Band5	1.4MHz	20407	QPSK	1	0	Low	4.38	<=13	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	5.71	<=13	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	5.04	<=13	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	5.04	<=13	PASS
Band5	3MHz	20415	QPSK	1	0	Low	4.35	<=13	PASS
Band5	3MHz	20415	16QAM	1	0	Low	5.45	<=13	PASS
Band5	3MHz	20415	QPSK	6	0	Low	5.30	<=13	PASS
Band5	3MHz	20415	16QAM	6	0	Low	5.30	<=13	PASS
Band5	5MHz	20425	QPSK	1	0	Low	4.58	<=13	PASS
Band5	5MHz	20425	16QAM	1	0	Low	5.86	<=13	PASS
Band5	5MHz	20425	QPSK	6	0	Low	4.87	<=13	PASS
Band5	5MHz	20425	16QAM	6	0	Low	4.87	<=13	PASS
Band5	10MHz	20450	QPSK	1	0	Low	4.55	<=13	PASS
Band5	10MHz	20450	16QAM	1	0	Low	5.62	<=13	PASS
Band5	10MHz	20450	QPSK	6	0	Low	4.72	<=13	PASS
Band5	10MHz	20450	16QAM	6	0	Low	4.78	<=13	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	4.49	<=13	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	5.68	<=13	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	5.04	<=13	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	5.22	<=13	PASS
Band5	3MHz	20525	QPSK	1	0	Low	4.14	<=13	PASS
Band5	3MHz	20525	16QAM	1	0	Low	5.57	<=13	PASS
Band5	3MHz	20525	QPSK	6	0	Low	4.99	<=13	PASS
Band5	3MHz	20525	16QAM	6	0	Low	4.99	<=13	PASS
Band5	5MHz	20525	QPSK	1	0	Low	4.67	<=13	PASS
Band5	5MHz	20525	16QAM	1	0	Low	5.97	<=13	PASS
Band5	5MHz	20525	QPSK	6	0	Low	4.87	<=13	PASS
Band5	5MHz	20525	16QAM	6	0	Low	4.87	<=13	PASS
Band5	10MHz	20525	QPSK	1	0	Low	4.64	<=13	PASS
Band5	10MHz	20525	16QAM	1	0	Low	5.65	<=13	PASS
Band5	10MHz	20525	QPSK	6	0	Low	4.84	<=13	PASS
Band5	10MHz	20525	16QAM	6	0	Low	4.84	<=13	PASS
Band5	1.4MHz	20643	QPSK	1	0	High	4.87	<=13	PASS

Band5	1.4MHz	20643	16QAM	1	0	High	5.36	<=13	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	5.07	<=13	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	5.10	<=13	PASS
Band5	3MHz	20635	QPSK	1	0	High	4.17	<=13	PASS
Band5	3MHz	20635	16QAM	1	0	High	5.65	<=13	PASS
Band5	3MHz	20635	QPSK	6	0	High	4.99	<=13	PASS
Band5	3MHz	20635	16QAM	6	0	High	5.22	<=13	PASS
Band5	5MHz	20625	QPSK	1	0	High	4.70	<=13	PASS
Band5	5MHz	20625	16QAM	1	0	High	5.74	<=13	PASS
Band5	5MHz	20625	QPSK	6	0	High	4.93	<=13	PASS
Band5	5MHz	20625	16QAM	6	0	High	4.93	<=13	PASS
Band5	10MHz	20600	QPSK	1	0	High	4.75	<=13	PASS
Band5	10MHz	20600	16QAM	1	0	High	5.77	<=13	PASS
Band5	10MHz	20600	QPSK	6	0	High	4.84	<=13	PASS
Band5	10MHz	20600	16QAM	6	0	High	4.96	<=13	PASS

Test Graphs













