

Appendix for LTE Band 5

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Appendix A: Effective (Isotropic) Radiated Power Output Data**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.12	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.25	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.06	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	21.85	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	21.98	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	21.92	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.22	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	20.69	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	20.91	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	20.69	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	20.54	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	20.74	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	20.62	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	19.97	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	21.96	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.10	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	21.97	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	21.80	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	21.80	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	21.78	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	20.97	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	20.54	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	20.95	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	20.54	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	20.55	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	20.62	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	20.48	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	19.68	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	21.72	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.01	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.87	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	21.75	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	21.78	38.45	PASS

Band5	1.4MHz	QPSK	20643	3RB#3	21.67	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	20.97	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	20.44	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	20.71	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	20.46	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	20.51	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	20.61	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	20.40	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	19.80	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.01	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.02	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	21.96	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.04	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.04	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.01	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	20.92	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	20.65	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	20.81	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	20.72	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	19.86	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	19.85	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	19.92	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	19.76	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	21.86	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	21.92	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	21.93	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	20.86	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	20.96	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	20.97	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	20.81	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	20.57	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	20.66	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	20.57	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	19.81	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	19.77	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	19.79	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	19.69	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	21.78	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	21.81	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.88	38.45	PASS

Band5	3MHz	QPSK	20635	8RB#0	20.78	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	20.80	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	20.79	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	20.70	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	20.68	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	20.85	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	20.48	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	19.78	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	19.78	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	19.80	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	19.72	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.01	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.23	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.00	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	20.92	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.04	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	20.92	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	20.92	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	20.72	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.08	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	20.94	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	19.82	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	19.97	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	19.92	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	19.95	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	21.81	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.18	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	21.88	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	20.75	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	20.88	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	20.85	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	20.82	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	20.80	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.05	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	20.69	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	19.71	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	19.84	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	19.75	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	19.75	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	21.77	38.45	PASS

Band5	5MHz	QPSK	20625	1RB#12	22.07	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	21.97	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	20.84	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	20.80	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	20.75	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	20.80	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	20.67	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	20.94	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	20.56	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	19.87	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	19.84	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	19.75	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	19.85	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.02	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.21	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	21.86	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.12	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.04	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.06	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.08	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	20.83	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.19	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	20.86	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.09	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.08	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.06	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.13	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	21.95	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.17	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	21.92	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	20.79	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	20.85	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	20.88	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	20.84	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	20.81	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	20.98	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	20.51	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	19.85	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	19.79	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	19.84	38.45	PASS

Band5	10MHz	16QAM	20525	50RB#0	19.86	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	21.85	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	21.93	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	21.87	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	20.91	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	20.88	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	20.77	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	20.89	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	20.53	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	20.90	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	20.46	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	19.90	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	19.87	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	19.87	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	19.88	38.45	PASS

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

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	1.70	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3.02	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	2.88	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3.94	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	2.42	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3.36	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3.66	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	4.42	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	2.64	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3.38	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.20	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	4.72	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	1.58	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.28	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	2.60	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	4.98	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	3.06	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.32	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	4.26	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.16	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.66	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.18	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.82	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.08	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	1.88	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.86	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	2.96	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.58	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	3.48	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.38	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	4.40	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.10	13	PASS

Band5	5MHz	QPSK	20625	1RB#0	4.58	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.26	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.24	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.00	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	2.06	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.12	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	2.98	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.88	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.32	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.52	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.24	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.26	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	1.96	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.90	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	3.04	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.64	13	PASS

Test Graphs





