

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	22.48	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.31	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.33	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.39	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.31	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.32	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.52	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.48	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.22	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.39	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.27	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.32	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.25	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.59	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	21.84	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	21.88	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	21.98	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	21.95	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	21.86	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	21.88	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	20.97	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	20.62	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	20.83	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	20.86	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	20.97	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	20.71	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	20.94	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.03	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	20.87	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	20.81	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	20.87	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	21.10	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	21.09	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	21.11	38.45	PASS

Band5	1.4MHz	QPSK	20643	6RB#0	20.16	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.82	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.72	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	20.12	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	20.15	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.99	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	20.12	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.10	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.15	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.70	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.17	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.56	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.76	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.53	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.55	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.25	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.12	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.30	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.78	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.70	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.69	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.62	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.34	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.67	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.32	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.22	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.33	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.51	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.23	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.36	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.90	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.37	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.57	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.53	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.48	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.19	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.35	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.48	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.18	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.18	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.11	38.45	PASS

Band5	3MHz	QPSK	20635	8RB#7	22.08	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.13	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.37	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.54	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.37	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.26	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.10	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.21	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.70	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.23	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.68	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.87	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.23	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.01	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.84	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.90	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.36	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.73	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.74	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.25	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.02	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.87	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.94	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.70	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.44	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.83	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.50	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.58	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.75	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.58	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.86	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.42	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.95	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.58	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.56	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.84	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.60	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.44	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.45	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.59	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.02	38.45	PASS

Band5	5MHz	QPSK	20625	12RB#6	21.69	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.56	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.74	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.24	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.80	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.66	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.08	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.77	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.59	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.78	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.31	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.02	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.83	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.02	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.80	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.67	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.88	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.23	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.14	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.53	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.80	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.55	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.45	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.64	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.68	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.93	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.14	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.75	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.94	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.19	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.98	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.50	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.13	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.07	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.72	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.66	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.93	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.72	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.28	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.89	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.99	38.45	PASS

Band5	10MHz	QPSK	20600	25RB#0	22.95	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.65	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.08	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.71	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.12	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.92	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.95	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.74	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.39	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.84	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.45	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	4.96	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.92	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.92	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.68	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.62	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	6.38	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	6.62	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	7.12	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	5.46	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	6.44	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	6.40	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	7.20	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.68	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.80	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.48	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.50	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.32	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	6.08	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	6.28	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.80	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.84	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	6.16	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.82	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.86	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.94	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.94	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	6.02	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.64	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.58	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	6.22	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	6.50	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.92	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.00	13	PASS

Band5	5MHz	QPSK	20625	25RB#0	6.20	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.88	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.88	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.52	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.96	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.58	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.84	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.12	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	6.04	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	6.18	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.86	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.48	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.88	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.38	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.78	13	PASS

Test Graphs





