

APPENDIX A LTE RF TEST DATA

A.1 PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band2	20MHz	QPSK	18700	1RB#0	5.02	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.83	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	4.85	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.61	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	5.53	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.68	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	5.69	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.50	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	5.32	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.25	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	6.25	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.41	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	5.48	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.90	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	5.78	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.99	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	5.69	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.96	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.90	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.64	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	6.16	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.60	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	6.43	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.65	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.29	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.73	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.66	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.79	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.53	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.67	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.71	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.38	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.99	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.42	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.87	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.37	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.43	13	PASS

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Band5	10MHz	QPSK	20450	50RB#0	5.78	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.49	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.82	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.53	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.76	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.96	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.44	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	6.05	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.51	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	6.33	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.46	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.77	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.72	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	5.34	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.75	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	5.29	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.68	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.12	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.41	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.68	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.41	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.74	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.40	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.16	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.64	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.93	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.49	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.65	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.43	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.72	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.19	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.56	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.13	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.48	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.12	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	4.84	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.50	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.73	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.44	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.65	13	PASS

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Band17	10MHz	QPSK	23800	50RB#0	5.43	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.44	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.10	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.63	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.12	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.22	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.12	13	PASS
Band66	20MHz	QPSK	132072	1RB#0	5.45	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	5.91	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	5.65	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	6.00	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	5.24	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.84	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	6.01	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.61	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	6.18	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.69	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	6.04	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.61	13	PASS
Band71	20MHz	QPSK	133222	1RB#0	5.77	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	5.79	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	5.46	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.70	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	4.52	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.31	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	6.06	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.48	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	6.20	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.31	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	4.82	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.06	13	PASS

Test Graphs





















