

Appendix-A LTE Cat M1 Band 85

Effective (Isotropic) Radiated Power Output Data for M1

Test Result

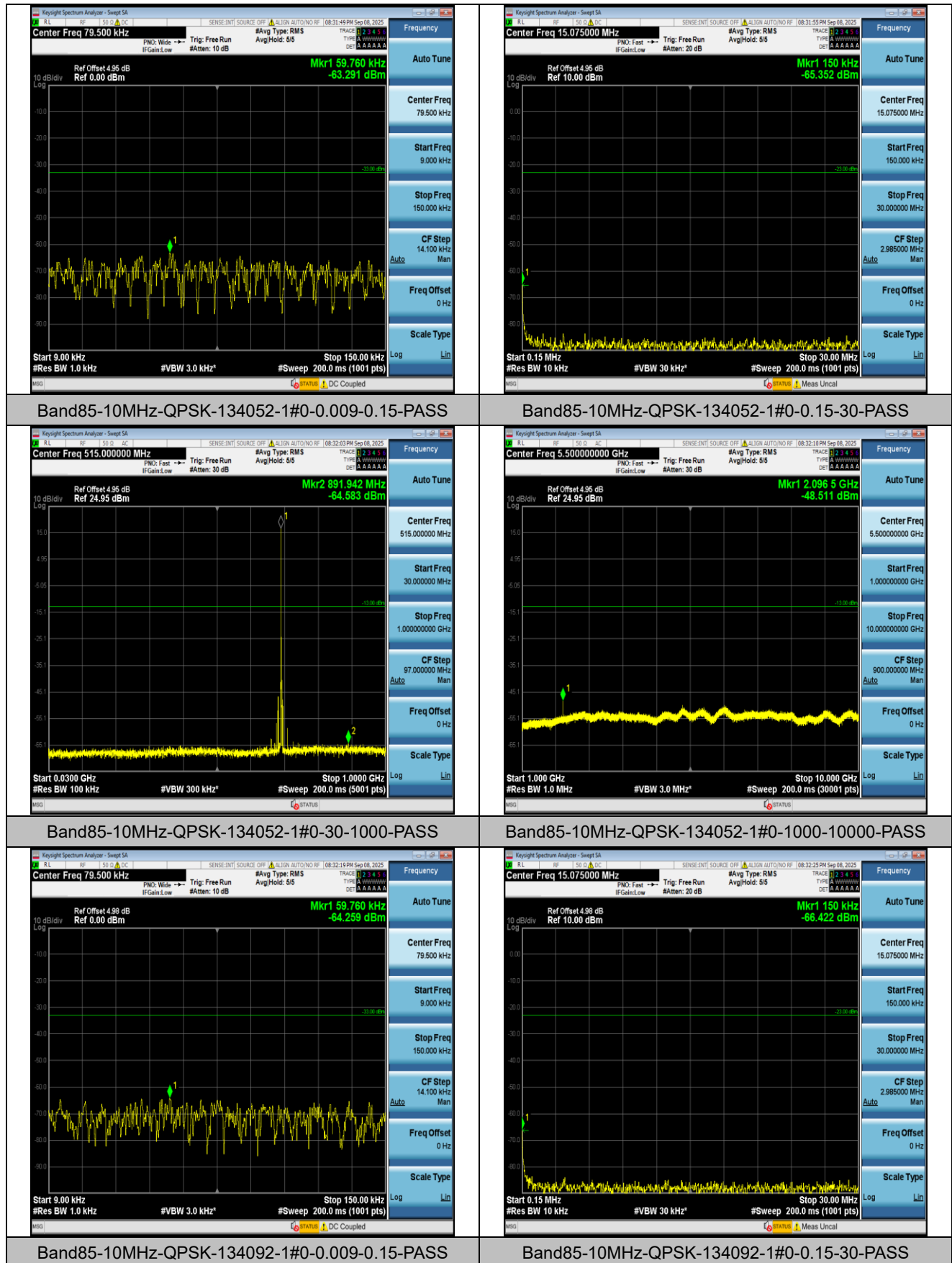
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band85	5MHz	QPSK	134027	1	0	Low	21.21	19.56	34.77	PASS
Band85	5MHz	QPSK	134027	1	5	Low	20.95	19.3	34.77	PASS
Band85	5MHz	QPSK	134027	6	0	Low	20.28	18.63	34.77	PASS
Band85	5MHz	QPSK	134092	1	0	Low	21.12	19.47	34.77	PASS
Band85	5MHz	QPSK	134092	1	5	Low	20.82	19.17	34.77	PASS
Band85	5MHz	QPSK	134092	6	0	Low	20.13	18.48	34.77	PASS
Band85	5MHz	QPSK	134157	1	0	High	21.29	19.64	34.77	PASS
Band85	5MHz	QPSK	134157	1	5	High	21.06	19.41	34.77	PASS
Band85	5MHz	QPSK	134157	6	0	High	20.24	18.59	34.77	PASS
Band85	10MHz	QPSK	134052	1	0	Low	21.22	19.57	34.77	PASS
Band85	10MHz	QPSK	134052	1	5	Low	20.99	19.34	34.77	PASS
Band85	10MHz	QPSK	134052	6	0	Low	20.23	18.58	34.77	PASS
Band85	10MHz	QPSK	134092	1	0	Low	21.28	19.63	34.77	PASS
Band85	10MHz	QPSK	134092	1	5	Low	21.05	19.4	34.77	PASS
Band85	10MHz	QPSK	134092	6	0	Low	20.23	18.58	34.77	PASS
Band85	10MHz	QPSK	134132	1	0	High	21.25	19.6	34.77	PASS
Band85	10MHz	QPSK	134132	1	5	High	20.97	19.32	34.77	PASS
Band85	10MHz	QPSK	134132	6	0	High	20.24	18.59	34.77	PASS
Band85	5MHz	16QAM	134027	1	0	Low	21.1	19.45	34.77	PASS
Band85	5MHz	16QAM	134027	1	5	Low	20.74	19.09	34.77	PASS
Band85	5MHz	16QAM	134027	5	0	Low	20	18.35	34.77	PASS
Band85	5MHz	16QAM	134092	1	0	Low	20.95	19.3	34.77	PASS
Band85	5MHz	16QAM	134092	1	5	Low	20.68	19.03	34.77	PASS
Band85	5MHz	16QAM	134092	5	0	Low	19.84	18.19	34.77	PASS
Band85	5MHz	16QAM	134157	1	0	High	21.23	19.58	34.77	PASS
Band85	5MHz	16QAM	134157	1	5	High	20.94	19.29	34.77	PASS
Band85	5MHz	16QAM	134157	5	0	High	20	18.35	34.77	PASS
Band85	10MHz	16QAM	134052	1	0	Low	21.09	19.44	34.77	PASS
Band85	10MHz	16QAM	134052	1	5	Low	20.78	19.13	34.77	PASS
Band85	10MHz	16QAM	134052	5	0	Low	20.97	19.32	34.77	PASS
Band85	10MHz	16QAM	134092	1	0	Low	20.9	19.25	34.77	PASS
Band85	10MHz	16QAM	134092	1	5	Low	20.66	19.01	34.77	PASS
Band85	10MHz	16QAM	134092	5	0	Low	20.83	19.18	34.77	PASS
Band85	10MHz	16QAM	134132	1	0	High	21.15	19.5	34.77	PASS
Band85	10MHz	16QAM	134132	1	5	High	20.87	19.22	34.77	PASS
Band85	10MHz	16QAM	134132	5	0	High	21.12	19.47	34.77	PASS

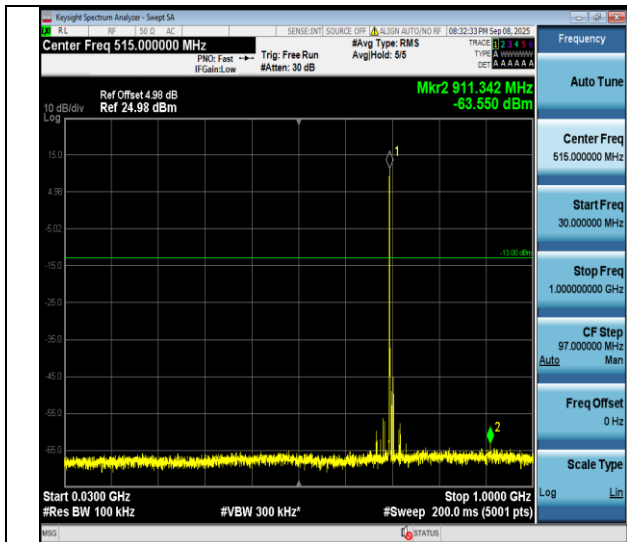
Conducted Spurious Emission for M1

Test Result

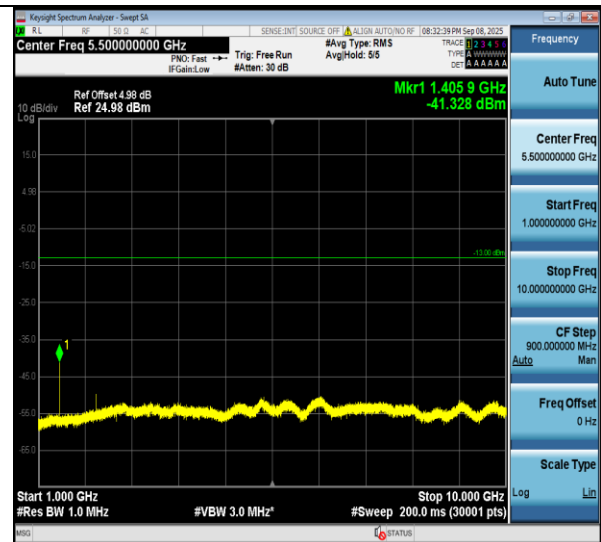
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band85	10MHz	134052	QPSK	1	0	Low	0.009	0.15	-63.29	PASS
Band85	10MHz	134052	QPSK	1	0	Low	0.15	30	-65.35	PASS
Band85	10MHz	134052	QPSK	1	0	Low	30	1000	-64.58	PASS
Band85	10MHz	134052	QPSK	1	0	Low	1000	10000	-48.51	PASS
Band85	10MHz	134092	QPSK	1	0	Low	0.009	0.15	-64.26	PASS
Band85	10MHz	134092	QPSK	1	0	Low	0.15	30	-66.42	PASS
Band85	10MHz	134092	QPSK	1	0	Low	30	1000	-63.55	PASS
Band85	10MHz	134092	QPSK	1	0	Low	1000	10000	-41.33	PASS
Band85	10MHz	134132	QPSK	1	0	High	0.009	0.15	-64.47	PASS
Band85	10MHz	134132	QPSK	1	0	High	0.15	30	-65.68	PASS
Band85	10MHz	134132	QPSK	1	0	High	30	1000	-64.1	PASS
Band85	10MHz	134132	QPSK	1	0	High	1000	10000	-46.48	PASS

Test Graphs

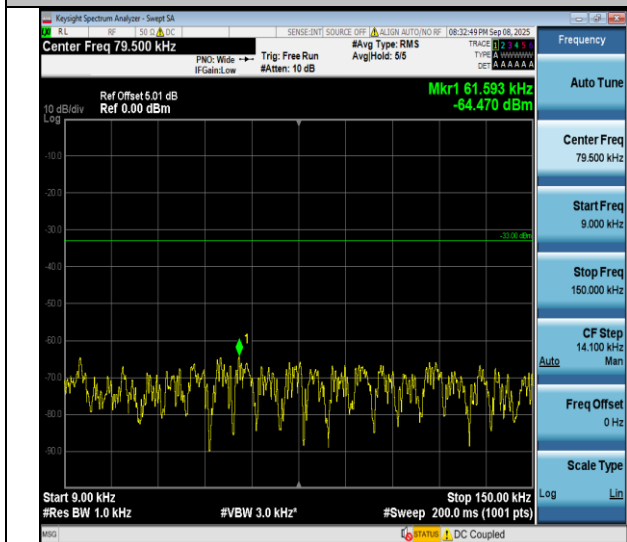




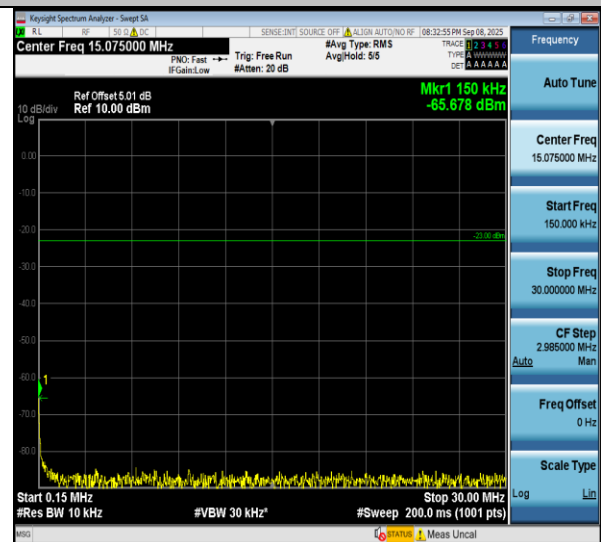
Band85-10MHz-QPSK-134092-1#0-30-1000-PASS



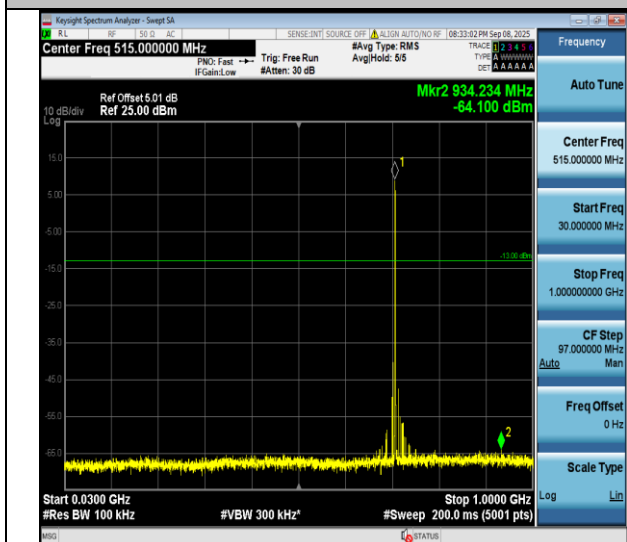
Band85-10MHz-QPSK-134092-1#0-1000-10000-PASS



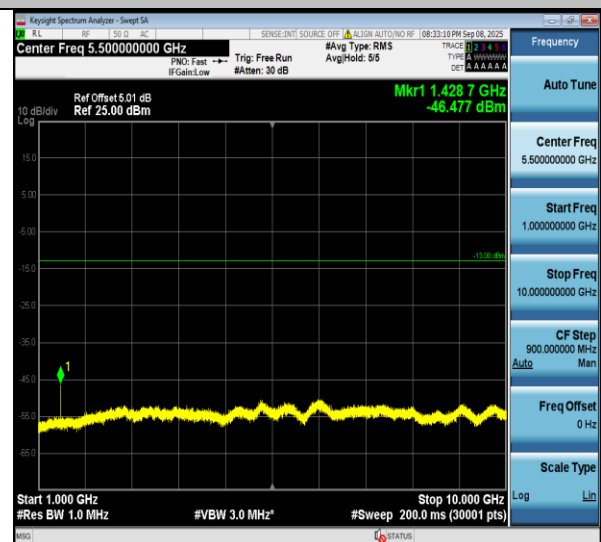
Band85-10MHz-QPSK-134132-1#0-0.009-0.15-PASS



Band85-10MHz-QPSK-134132-1#0-0.15-30-PASS



Band85-10MHz-QPSK-134132-1#0-30-1000-PASS



Band85-10MHz-QPSK-134132-1#0-1000-10000-PASS

~The End~