

Appendix-A LTE Cat M1 Band 26(824-849)

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
Band26	1.4MHz	QPSK	26797	1	0	Low	20.34	18.89	38.45	PASS
Band26	1.4MHz	QPSK	26797	1	5	Low	20.14	18.69	38.45	PASS
Band26	1.4MHz	QPSK	26797	6	0	Low	18.35	16.9	38.45	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	20.28	18.83	38.45	PASS
Band26	1.4MHz	QPSK	26915	1	5	Low	20.02	18.57	38.45	PASS
Band26	1.4MHz	QPSK	26915	6	0	Low	18.26	16.81	38.45	PASS
Band26	3MHz	QPSK	26805	1	0	Low	20.09	18.64	38.45	PASS
Band26	3MHz	QPSK	26805	1	5	Low	20.01	18.56	38.45	PASS
Band26	3MHz	QPSK	26805	6	0	Low	18.35	16.9	38.45	PASS
Band26	3MHz	QPSK	26915	1	0	Low	20.33	18.88	38.45	PASS
Band26	3MHz	QPSK	26915	1	5	Low	19.9	18.45	38.45	PASS
Band26	3MHz	QPSK	26915	6	0	Low	18.22	16.77	38.45	PASS
Band26	5MHz	QPSK	26815	1	0	Low	20.3	18.85	38.45	PASS
Band26	5MHz	QPSK	26815	1	5	Low	19.84	18.39	38.45	PASS
Band26	5MHz	QPSK	26815	6	0	Low	19.1	17.65	38.45	PASS
Band26	5MHz	QPSK	26915	1	0	Low	20.3	18.85	38.45	PASS
Band26	5MHz	QPSK	26915	1	5	Low	19.95	18.5	38.45	PASS
Band26	5MHz	QPSK	26915	6	0	Low	19.28	17.83	38.45	PASS
Band26	10MHz	QPSK	26840	1	0	Low	20.14	18.69	38.45	PASS
Band26	10MHz	QPSK	26840	1	5	Low	19.78	18.33	38.45	PASS
Band26	10MHz	QPSK	26840	6	0	Low	19.24	17.79	38.45	PASS
Band26	10MHz	QPSK	26915	1	0	Low	20.28	18.83	38.45	PASS
Band26	10MHz	QPSK	26915	1	5	Low	19.85	18.4	38.45	PASS
Band26	10MHz	QPSK	26915	6	0	Low	19.15	17.7	38.45	PASS
Band26	15MHz	QPSK	26865	1	0	Low	20.19	18.74	38.45	PASS
Band26	15MHz	QPSK	26865	1	5	Low	19.75	18.3	38.45	PASS
Band26	15MHz	QPSK	26865	6	0	Low	20.15	18.7	38.45	PASS
Band26	15MHz	QPSK	26915	1	0	Low	20.3	18.85	38.45	PASS
Band26	15MHz	QPSK	26915	1	5	Low	19.92	18.47	38.45	PASS
Band26	15MHz	QPSK	26915	6	0	Low	20.17	18.72	38.45	PASS
Band26	15MHz	QPSK	26965	1	0	High	20.26	18.81	38.45	PASS
Band26	15MHz	QPSK	26965	1	5	High	19.99	18.54	38.45	PASS
Band26	15MHz	QPSK	26965	6	0	High	20.17	18.72	38.45	PASS
Band26	1.4MHz	16QAM	26797	1	0	Low	19.08	17.63	38.45	PASS
Band26	1.4MHz	16QAM	26797	1	5	Low	18.85	17.4	38.45	PASS
Band26	1.4MHz	16QAM	26797	5	0	Low	18.27	16.82	38.45	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	19.12	17.67	38.45	PASS

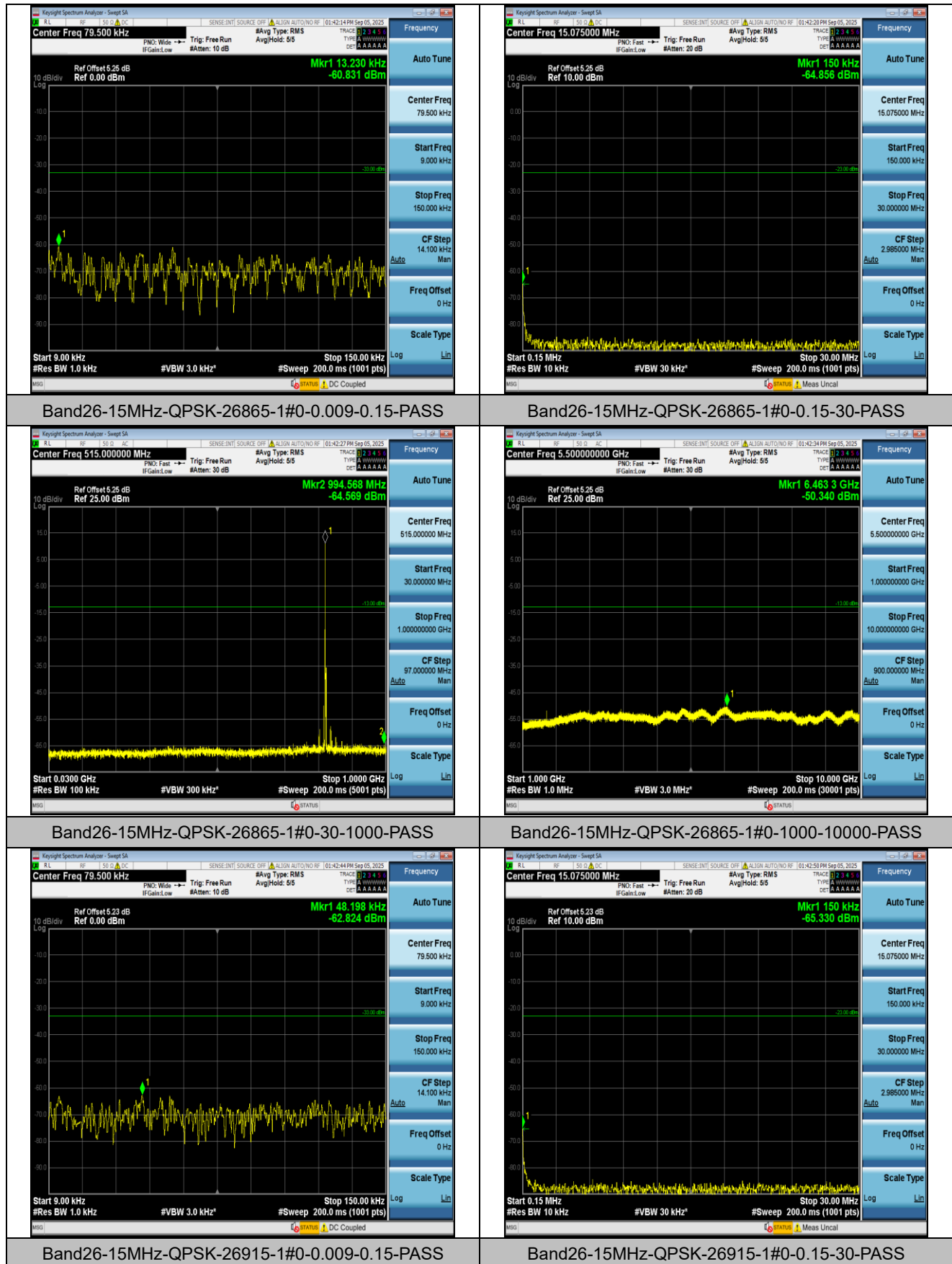
Band26	1.4MHz	16QAM	26915	1	5	Low	18.77	17.32	38.45	PASS
Band26	1.4MHz	16QAM	26915	5	0	Low	18.31	16.86	38.45	PASS
Band26	3MHz	16QAM	26805	1	0	Low	18.99	17.54	38.45	PASS
Band26	3MHz	16QAM	26805	1	5	Low	18.78	17.33	38.45	PASS
Band26	3MHz	16QAM	26805	5	0	Low	18.25	16.8	38.45	PASS
Band26	3MHz	16QAM	26915	1	0	Low	19.31	17.86	38.45	PASS
Band26	3MHz	16QAM	26915	1	5	Low	18.7	17.25	38.45	PASS
Band26	3MHz	16QAM	26915	5	0	Low	18.25	16.8	38.45	PASS
Band26	5MHz	16QAM	26815	1	0	Low	20.06	18.61	38.45	PASS
Band26	5MHz	16QAM	26815	1	5	Low	19.77	18.32	38.45	PASS
Band26	5MHz	16QAM	26815	5	0	Low	18.96	17.51	38.45	PASS
Band26	5MHz	16QAM	26915	1	0	Low	20.62	19.17	38.45	PASS
Band26	5MHz	16QAM	26915	1	5	Low	19.82	18.37	38.45	PASS
Band26	5MHz	16QAM	26915	5	0	Low	19.12	17.67	38.45	PASS
Band26	10MHz	16QAM	26840	1	0	Low	20.01	18.56	38.45	PASS
Band26	10MHz	16QAM	26840	1	5	Low	19.62	18.17	38.45	PASS
Band26	10MHz	16QAM	26840	5	0	Low	19.99	18.54	38.45	PASS
Band26	10MHz	16QAM	26915	1	0	Low	20.58	19.13	38.45	PASS
Band26	10MHz	16QAM	26915	1	5	Low	19.72	18.27	38.45	PASS
Band26	10MHz	16QAM	26915	5	0	Low	19.96	18.51	38.45	PASS
Band26	15MHz	16QAM	26865	1	0	Low	20.18	18.73	38.45	PASS
Band26	15MHz	16QAM	26865	1	5	Low	19.69	18.24	38.45	PASS
Band26	15MHz	16QAM	26865	5	0	Low	20.03	18.58	38.45	PASS
Band26	15MHz	16QAM	26915	1	0	Low	20.56	19.11	38.45	PASS
Band26	15MHz	16QAM	26915	1	5	Low	19.87	18.42	38.45	PASS
Band26	15MHz	16QAM	26915	5	0	Low	20.04	18.59	38.45	PASS
Band26	15MHz	16QAM	26965	1	0	High	20.55	19.1	38.45	PASS
Band26	15MHz	16QAM	26965	1	5	High	19.84	18.39	38.45	PASS
Band26	15MHz	16QAM	26965	5	0	High	20.02	18.57	38.45	PASS

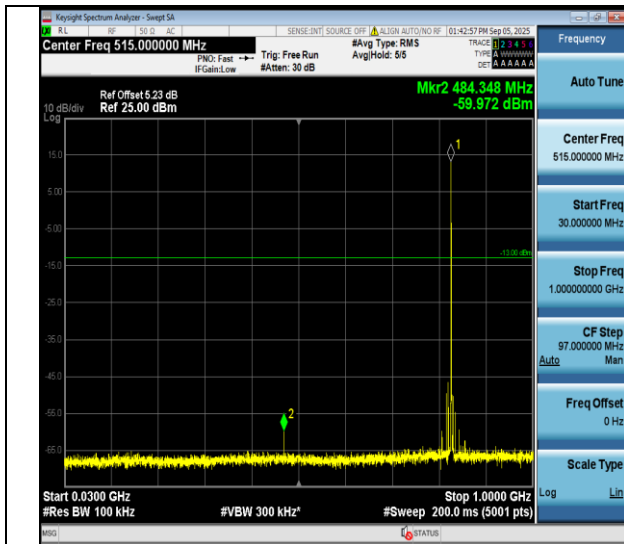
Conducted Spurious Emission for M1

Test Result

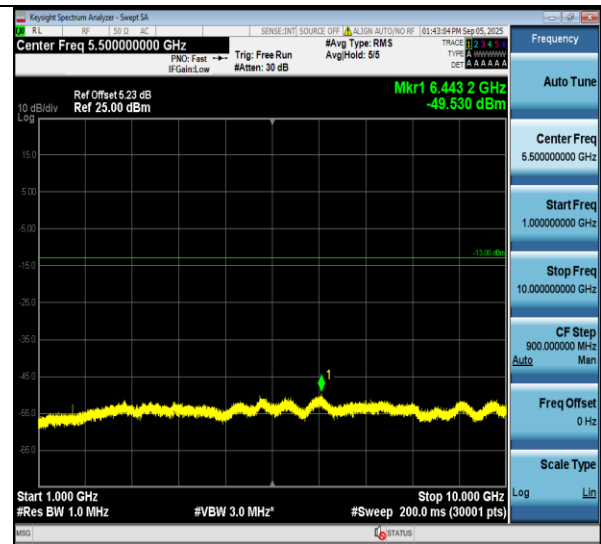
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band26	15MHz	26865	QPSK	1	0	Low	0.009	0.15	-60.83	PASS
Band26	15MHz	26865	QPSK	1	0	Low	0.15	30	-64.86	PASS
Band26	15MHz	26865	QPSK	1	0	Low	30	1000	-64.57	PASS
Band26	15MHz	26865	QPSK	1	0	Low	1000	10000	-50.34	PASS
Band26	15MHz	26915	QPSK	1	0	Low	0.009	0.15	-62.82	PASS
Band26	15MHz	26915	QPSK	1	0	Low	0.15	30	-65.33	PASS
Band26	15MHz	26915	QPSK	1	0	Low	30	1000	-59.97	PASS
Band26	15MHz	26915	QPSK	1	0	Low	1000	10000	-49.53	PASS
Band26	15MHz	26965	QPSK	1	0	High	0.009	0.15	-63.19	PASS
Band26	15MHz	26965	QPSK	1	0	High	0.15	30	-64.98	PASS
Band26	15MHz	26965	QPSK	1	0	High	30	1000	-64.55	PASS
Band26	15MHz	26965	QPSK	1	0	High	1000	10000	-49.84	PASS

Test Graphs

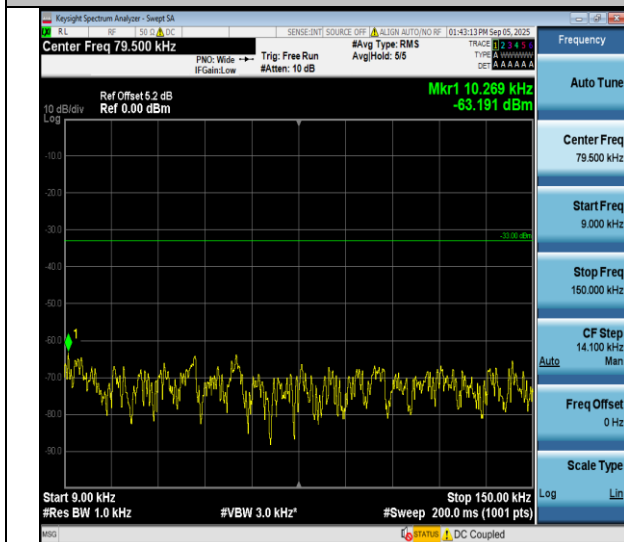




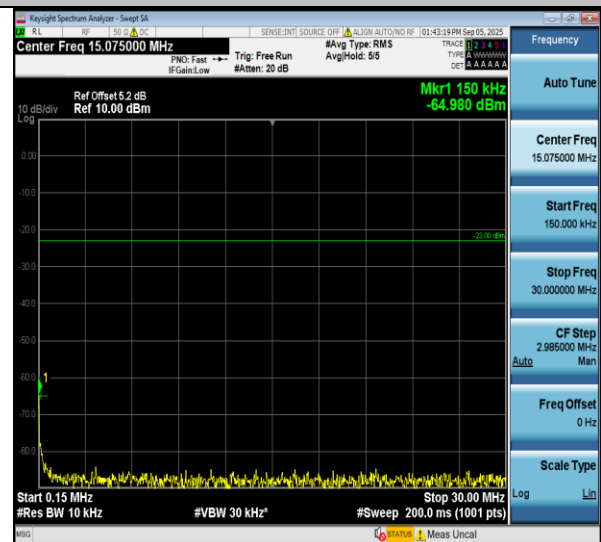
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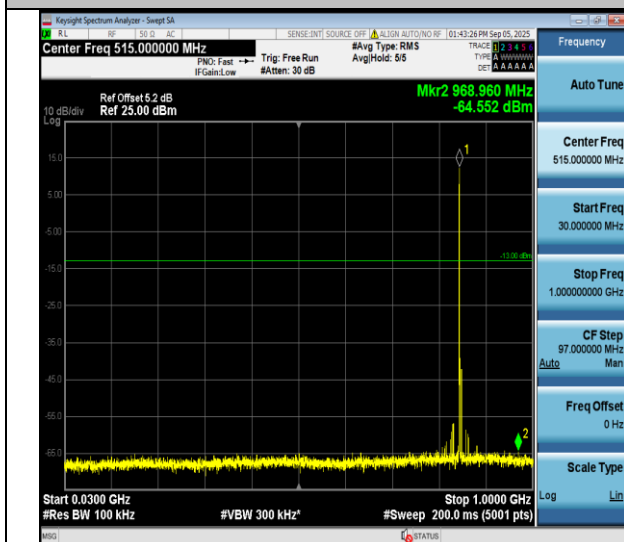
Band26-15MHz-QPSK-26915-1#0-1000-10000-PASS



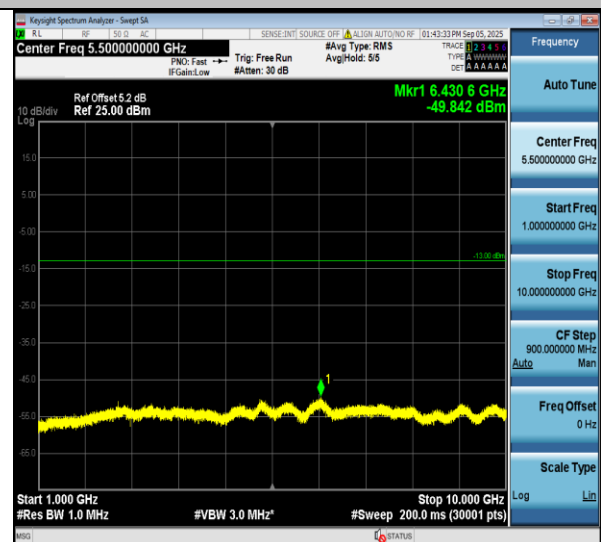
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Band26-15MHz-QPSK-26965-1#0-0.15-30-PASS



Band26-15MHz-QPSK-26965-1#0-30-1000-PASS



Band26-15MHz-QPSK-26965-1#0-1000-10000-PASS

~The End~