

Appendix for LTE Band2

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Appendix A: Effective (Isotropic) Radiated Power Output Data for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Conducted Power(dBm)	Antenna Gain(dBi)	EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	18607	QPSK	1	0	Low	22.5	0.19	22.69	-999~33	PASS
Band2	1.4MHz	18607	16QAM	1	0	Low	21.69	0.19	21.88	-999~33	PASS
Band2	1.4MHz	18607	QPSK	1	5	Low	22.61	0.19	22.8	-999~33	PASS
Band2	1.4MHz	18607	16QAM	1	5	Low	21.69	0.19	21.88	-999~33	PASS
Band2	1.4MHz	18607	QPSK	6	0	Low	20.58	0.19	20.77	-999~33	PASS
Band2	1.4MHz	18607	16QAM	6	0	Low	20.58	0.19	20.77	-999~33	PASS
Band2	3MHz	18615	QPSK	1	0	Low	22.49	0.19	22.68	-999~33	PASS
Band2	3MHz	18615	16QAM	1	0	Low	21.25	0.19	21.44	-999~33	PASS
Band2	3MHz	18615	QPSK	1	5	Low	22.74	0.19	22.93	-999~33	PASS

Ban d2	3MHz	18615	16QA M	1	5	Low	21.69	0.19	21.8 8	-999~ 33	PASS
Ban d2	3MHz	18615	QPSK	6	0	Low	20.53	0.19	20.7 2	-999~ 33	PASS
Ban d2	3MHz	18615	16QA M	6	0	Low	20.53	0.19	20.7 2	-999~ 33	PASS
Ban d2	5MHz	18625	QPSK	1	0	Low	22.49	0.19	22.6 8	-999~ 33	PASS
Ban d2	5MHz	18625	16QA M	1	0	Low	21.63	0.19	21.8 2	-999~ 33	PASS
Ban d2	5MHz	18625	QPSK	1	5	Low	22.8	0.19	22.9 9	-999~ 33	PASS
Ban d2	5MHz	18625	16QA M	1	5	Low	21.73	0.19	21.9 2	-999~ 33	PASS
Ban d2	5MHz	18625	QPSK	6	0	Low	21.57	0.19	21.7 6	-999~ 33	PASS
Ban d2	5MHz	18625	16QA M	6	0	Low	21.57	0.19	21.7 6	-999~ 33	PASS
Ban d2	10MHz	18650	QPSK	1	0	Low	22.45	0.19	22.6 4	-999~ 33	PASS
Ban d2	10MHz	18650	16QA M	1	0	Low	21.64	0.19	21.8 3	-999~ 33	PASS
Ban d2	10MHz	18650	QPSK	1	5	Low	22.83	0.19	23.0 2	-999~ 33	PASS
Ban d2	10MHz	18650	16QA M	1	5	Low	21.8	0.19	21.9 9	-999~ 33	PASS
Ban d2	10MHz	18650	QPSK	6	0	Low	21.64	0.19	21.8 3	-999~ 33	PASS
Ban	10MHz	18650	16QA	6	0	Low	21.64	0.19	21.8	-999~	PASS

d2			M						3	33	
Ban d2	15MHz	18675	QPSK	1	0	Low	22.71	0.19	22.9	-999~ 33	PASS
Ban d2	15MHz	18675	16QA M	1	0	Low	21.1	0.19	21.2 9	-999~ 33	PASS
Ban d2	15MHz	18675	QPSK	1	5	Low	21.31	0.19	21.5	-999~ 33	PASS
Ban d2	15MHz	18675	16QA M	1	5	Low	22.41	0.19	22.6	-999~ 33	PASS
Ban d2	15MHz	18675	QPSK	6	0	Low	21.37	0.19	21.5 6	-999~ 33	PASS
Ban d2	15MHz	18675	16QA M	6	0	Low	22.18	0.19	22.3 7	-999~ 33	PASS
Ban d2	20MHz	18700	QPSK	1	0	Low	23.18	0.19	23.3 7	-999~ 33	PASS
Ban d2	20MHz	18700	16QA M	1	0	Low	23.26	0.19	23.4 5	-999~ 33	PASS
Ban d2	20MHz	18700	QPSK	1	5	Low	22.42	0.19	22.6 1	-999~ 33	PASS
Ban d2	20MHz	18700	16QA M	1	5	Low	23.53	0.19	23.7 2	-999~ 33	PASS
Ban d2	20MHz	18700	QPSK	6	0	Low	22.46	0.19	22.6 5	-999~ 33	PASS
Ban d2	20MHz	18700	16QA M	6	0	Low	23.28	0.19	23.4 7	-999~ 33	PASS
Ban d2	1.4MHz	18900	QPSK	1	0	Low	22.71	0.19	22.9	-999~ 33	PASS
Ban d2	1.4MHz	18900	16QA M	1	0	Low	21.6	0.19	21.7 9	-999~ 33	PASS

Ban d2	1.4MHz	18900	QPSK	1	5	Low	23.02	0.19	23.2 1	-999~ 33	PASS
Ban d2	1.4MHz	18900	16QA M	1	5	Low	21.84	0.19	22.0 3	-999~ 33	PASS
Ban d2	1.4MHz	18900	QPSK	6	0	Low	20.85	0.19	21.0 4	-999~ 33	PASS
Ban d2	1.4MHz	18900	16QA M	6	0	Low	20.85	0.19	21.0 4	-999~ 33	PASS
Ban d2	1.4MHz	19193	QPSK	1	0	High	22.46	0.19	22.6 5	-999~ 33	PASS
Ban d2	1.4MHz	19193	16QA M	1	0	High	21.26	0.19	21.4 5	-999~ 33	PASS
Ban d2	1.4MHz	19193	QPSK	1	5	High	22.77	0.19	22.9 6	-999~ 33	PASS
Ban d2	1.4MHz	19193	16QA M	1	5	High	21.58	0.19	21.7 7	-999~ 33	PASS
Ban d2	1.4MHz	19193	QPSK	6	0	High	20.59	0.19	20.7 8	-999~ 33	PASS
Ban d2	1.4MHz	19193	16QA M	6	0	High	20.6	0.19	20.7 9	-999~ 33	PASS
Ban d2	3MHz	18900	QPSK	1	0	Low	22.75	0.19	22.9 4	-999~ 33	PASS
Ban d2	3MHz	18900	16QA M	1	0	Low	21.56	0.19	21.7 5	-999~ 33	PASS
Ban d2	3MHz	18900	QPSK	1	5	Low	22.99	0.19	23.1 8	-999~ 33	PASS
Ban d2	3MHz	18900	16QA M	1	5	Low	21.88	0.19	22.0 7	-999~ 33	PASS
Ban	3MHz	18900	QPSK	6	0	Low	20.87	0.19	21.0	-999~	PASS

d2									6	33	
Ban d2	3MHz	18900	16QA M	6	0	Low	20.87	0.19	21.0 6	-999~ 33	PASS
Ban d2	3MHz	19185	QPSK	1	0	High	22.53	0.19	22.7 2	-999~ 33	PASS
Ban d2	3MHz	19185	16QA M	1	0	High	21.31	0.19	21.5	-999~ 33	PASS
Ban d2	3MHz	19185	QPSK	1	5	High	22.8	0.19	22.9 9	-999~ 33	PASS
Ban d2	3MHz	19185	16QA M	1	5	High	21.65	0.19	21.8 4	-999~ 33	PASS
Ban d2	3MHz	19185	QPSK	6	0	High	20.62	0.19	20.8 1	-999~ 33	PASS
Ban d2	3MHz	19185	16QA M	6	0	High	20.63	0.19	20.8 2	-999~ 33	PASS
Ban d2	5MHz	18900	QPSK	1	0	Low	22.86	0.19	23.0 5	-999~ 33	PASS
Ban d2	5MHz	18900	16QA M	1	0	Low	22.14	0.19	22.3 3	-999~ 33	PASS
Ban d2	5MHz	18900	QPSK	1	5	Low	22.85	0.19	23.0 4	-999~ 33	PASS
Ban d2	5MHz	18900	16QA M	1	5	Low	22.29	0.19	22.4 8	-999~ 33	PASS
Ban d2	5MHz	18900	QPSK	6	0	Low	21.88	0.19	22.0 7	-999~ 33	PASS
Ban d2	5MHz	18900	16QA M	6	0	Low	21.88	0.19	22.0 7	-999~ 33	PASS
Ban d2	5MHz	19175	QPSK	1	0	High	22.5	0.19	22.6 9	-999~ 33	PASS

Ban d2	5MHz	19175	16QA M	1	0	High	21.64	0.19	21.8 3	-999~ 33	PASS
Ban d2	5MHz	19175	QPSK	1	5	High	22.96	0.19	23.1 5	-999~ 33	PASS
Ban d2	5MHz	19175	16QA M	1	5	High	21.66	0.19	21.8 5	-999~ 33	PASS
Ban d2	5MHz	19175	QPSK	6	0	High	21.54	0.19	21.7 3	-999~ 33	PASS
Ban d2	5MHz	19175	16QA M	6	0	High	21.54	0.19	21.7 3	-999~ 33	PASS
Ban d2	10MHz	18900	QPSK	1	0	Low	22.87	0.19	23.0 6	-999~ 33	PASS
Ban d2	10MHz	18900	16QA M	1	0	Low	22.13	0.19	22.3 2	-999~ 33	PASS
Ban d2	10MHz	18900	QPSK	1	5	Low	22.87	0.19	23.0 6	-999~ 33	PASS
Ban d2	10MHz	18900	16QA M	1	5	Low	22.35	0.19	22.5 4	-999~ 33	PASS
Ban d2	10MHz	18900	QPSK	6	0	Low	21.89	0.19	22.0 8	-999~ 33	PASS
Ban d2	10MHz	18900	16QA M	6	0	Low	21.89	0.19	22.0 8	-999~ 33	PASS
Ban d2	10MHz	19150	QPSK	1	0	High	22.62	0.19	22.8 1	-999~ 33	PASS
Ban d2	10MHz	19150	16QA M	1	0	High	21.68	0.19	21.8 7	-999~ 33	PASS
Ban d2	10MHz	19150	QPSK	1	5	High	22.81	0.19	23	-999~ 33	PASS
Ban	10MHz	19150	16QA	1	5	High	21.65	0.19	21.8	-999~	PASS

d2			M						4	33	
Ban d2	10MHz	19150	QPSK	6	0	High	21.47	0.19	21.6 6	-999~ 33	PASS
Ban d2	10MHz	19150	16QA M	6	0	High	21.47	0.19	21.6 6	-999~ 33	PASS
Ban d2	15MHz	18900	QPSK	1	0	Low	22.93	0.19	23.1 2	-999~ 33	PASS
Ban d2	15MHz	18900	16QA M	1	0	Low	22.11	0.19	22.3	-999~ 33	PASS
Ban d2	15MHz	18900	QPSK	1	5	Low	22.94	0.19	23.1 3	-999~ 33	PASS
Ban d2	15MHz	18900	16QA M	1	5	Low	22.4	0.19	22.5 9	-999~ 33	PASS
Ban d2	15MHz	18900	QPSK	6	0	Low	22.99	0.19	23.1 8	-999~ 33	PASS
Ban d2	15MHz	18900	16QA M	6	0	Low	22.98	0.19	23.1 7	-999~ 33	PASS
Ban d2	15MHz	19125	QPSK	1	0	High	22.53	0.19	22.7 2	-999~ 33	PASS
Ban d2	15MHz	19125	16QA M	1	0	High	21.64	0.19	21.8 3	-999~ 33	PASS
Ban d2	15MHz	19125	QPSK	1	5	High	22.8	0.19	22.9 9	-999~ 33	PASS
Ban d2	15MHz	19125	16QA M	1	5	High	21.64	0.19	21.8 3	-999~ 33	PASS
Ban d2	15MHz	19125	QPSK	6	0	High	22.43	0.19	22.6 2	-999~ 33	PASS
Ban d2	15MHz	19125	16QA M	6	0	High	22.43	0.19	22.6 2	-999~ 33	PASS

Ban d2	20MHz	18900	QPSK	1	0	Low	22.85	0.19	23.0 4	-999~ 33	PASS
Ban d2	20MHz	18900	16QA M	1	0	Low	22.16	0.19	22.3 5	-999~ 33	PASS
Ban d2	20MHz	18900	QPSK	1	5	Low	22.98	0.19	23.1 7	-999~ 33	PASS
Ban d2	20MHz	18900	16QA M	1	5	Low	22.43	0.19	22.6 2	-999~ 33	PASS
Ban d2	20MHz	18900	QPSK	6	0	Low	23	0.19	23.1 9	-999~ 33	PASS
Ban d2	20MHz	18900	16QA M	6	0	Low	23	0.19	23.1 9	-999~ 33	PASS
Ban d2	20MHz	19100	QPSK	1	0	High	22.68	0.19	22.8 7	-999~ 33	PASS
Ban d2	20MHz	19100	16QA M	1	0	High	21.65	0.19	21.8 4	-999~ 33	PASS
Ban d2	20MHz	19100	QPSK	1	5	High	22.93	0.19	23.1 2	-999~ 33	PASS
Ban d2	20MHz	19100	16QA M	1	5	High	21.68	0.19	21.8 7	-999~ 33	PASS
Ban d2	20MHz	19100	QPSK	6	0	High	22.48	0.19	22.6 7	-999~ 33	PASS
Ban d2	20MHz	19100	16QA M	6	0	High	22.47	0.19	22.6 6	-999~ 33	PASS

Appendix B: Peak-to-Average Ratio(CCDF) for M1**Test Result**

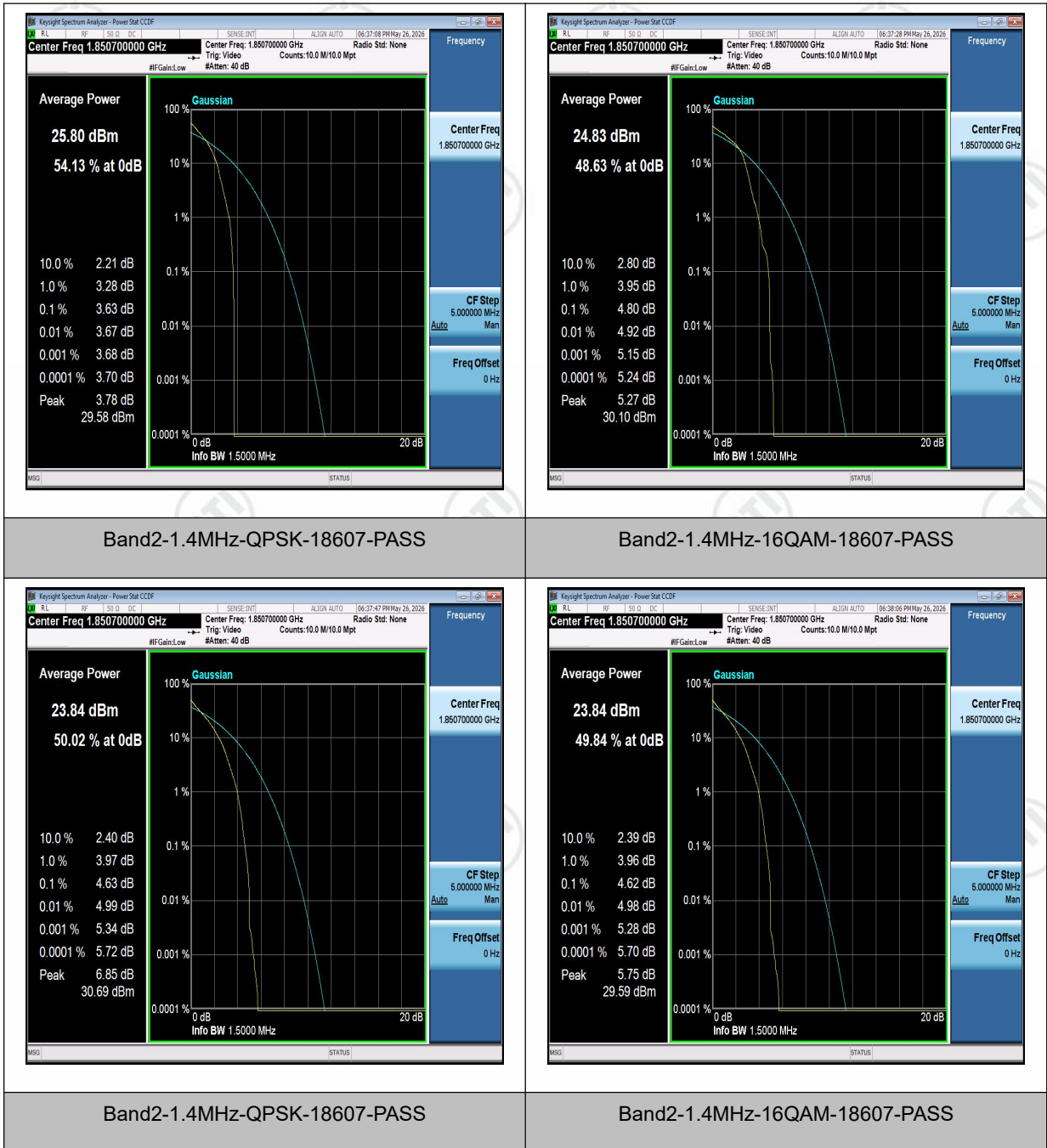
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	18607	QPSK	1	0	Low	3.63	<=13	PASS
Band2	1.4MHz	18607	16QAM	1	0	Low	4.80	<=13	PASS
Band2	1.4MHz	18607	QPSK	6	0	Low	4.63	<=13	PASS
Band2	1.4MHz	18607	16QAM	6	0	Low	4.62	<=13	PASS
Band2	3MHz	18615	QPSK	1	0	Low	3.52	<=13	PASS
Band2	3MHz	18615	16QAM	1	0	Low	4.47	<=13	PASS
Band2	3MHz	18615	QPSK	6	0	Low	4.71	<=13	PASS
Band2	3MHz	18615	16QAM	6	0	Low	4.71	<=13	PASS
Band2	5MHz	18625	QPSK	1	0	Low	4.05	<=13	PASS
Band2	5MHz	18625	16QAM	1	0	Low	5.02	<=13	PASS
Band2	5MHz	18625	QPSK	6	0	Low	4.21	<=13	PASS
Band2	5MHz	18625	16QAM	6	0	Low	4.20	<=13	PASS
Band2	10MHz	18650	QPSK	1	0	Low	4.22	<=13	PASS
Band2	10MHz	18650	16QAM	1	0	Low	5.81	<=13	PASS
Band2	10MHz	18650	QPSK	6	0	Low	4.73	<=13	PASS
Band2	10MHz	18650	16QAM	6	0	Low	4.63	<=13	PASS
Band2	15MHz	18675	QPSK	1	0	Low	4.03	<=13	PASS
Band2	15MHz	18675	16QAM	1	0	Low	5.34	<=13	PASS
Band2	15MHz	18675	QPSK	6	0	Low	4.59	<=13	PASS

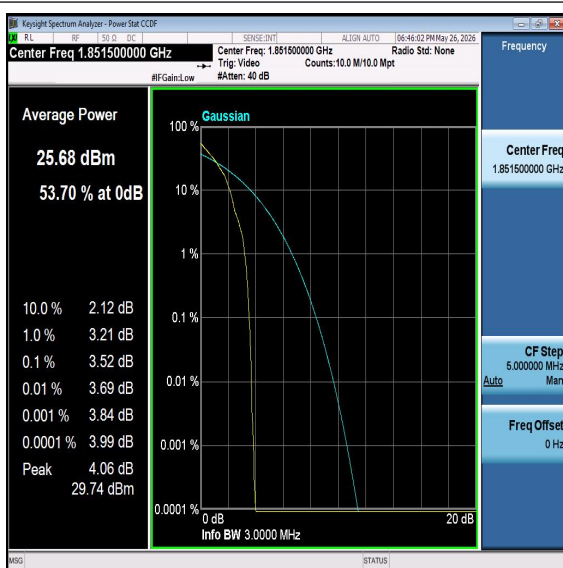
Band2	15MHz	18675	16QAM	6	0	Low	4.58	<=13	PASS
Band2	20MHz	18700	QPSK	1	0	Low	3.94	<=13	PASS
Band2	20MHz	18700	16QAM	1	0	Low	5.35	<=13	PASS
Band2	20MHz	18700	QPSK	6	0	Low	4.42	<=13	PASS
Band2	20MHz	18700	16QAM	6	0	Low	4.49	<=13	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	3.56	<=13	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	4.66	<=13	PASS
Band2	1.4MHz	18900	QPSK	6	0	Low	4.52	<=13	PASS
Band2	1.4MHz	18900	16QAM	6	0	Low	4.52	<=13	PASS
Band2	1.4MHz	19193	QPSK	1	0	High	2.93	<=13	PASS
Band2	1.4MHz	19193	16QAM	1	0	High	4.31	<=13	PASS
Band2	1.4MHz	19193	QPSK	6	0	High	4.54	<=13	PASS
Band2	1.4MHz	19193	16QAM	6	0	High	4.53	<=13	PASS
Band2	3MHz	18900	QPSK	1	0	Low	3.54	<=13	PASS
Band2	3MHz	18900	16QAM	1	0	Low	4.68	<=13	PASS
Band2	3MHz	18900	QPSK	6	0	Low	4.37	<=13	PASS
Band2	3MHz	18900	16QAM	6	0	Low	4.38	<=13	PASS
Band2	3MHz	19185	QPSK	1	0	High	2.94	<=13	PASS
Band2	3MHz	19185	16QAM	1	0	High	4.34	<=13	PASS
Band2	3MHz	19185	QPSK	6	0	High	4.31	<=13	PASS
Band2	3MHz	19185	16QAM	6	0	High	4.31	<=13	PASS
Band2	5MHz	18900	QPSK	1	0	Low	3.77	<=13	PASS
Band2	5MHz	18900	16QAM	1	0	Low	5.02	<=13	PASS
Band2	5MHz	18900	QPSK	6	0	Low	4.25	<=13	PASS
Band2	5MHz	18900	16QAM	6	0	Low	4.25	<=13	PASS

Band2	5MHz	19175	QPSK	1	0	High	3.18	<=13	PASS
Band2	5MHz	19175	16QAM	1	0	High	4.45	<=13	PASS
Band2	5MHz	19175	QPSK	6	0	High	3.76	<=13	PASS
Band2	5MHz	19175	16QAM	6	0	High	3.77	<=13	PASS
Band2	10MHz	18900	QPSK	1	0	Low	4.44	<=13	PASS
Band2	10MHz	18900	16QAM	1	0	Low	5.02	<=13	PASS
Band2	10MHz	18900	QPSK	6	0	Low	4.50	<=13	PASS
Band2	10MHz	18900	16QAM	6	0	Low	4.46	<=13	PASS
Band2	10MHz	19150	QPSK	1	0	High	3.60	<=13	PASS
Band2	10MHz	19150	16QAM	1	0	High	5.41	<=13	PASS
Band2	10MHz	19150	QPSK	6	0	High	4.16	<=13	PASS
Band2	10MHz	19150	16QAM	6	0	High	4.12	<=13	PASS
Band2	15MHz	18900	QPSK	1	0	Low	4.06	<=13	PASS
Band2	15MHz	18900	16QAM	1	0	Low	5.44	<=13	PASS
Band2	15MHz	18900	QPSK	6	0	Low	4.63	<=13	PASS
Band2	15MHz	18900	16QAM	6	0	Low	4.63	<=13	PASS
Band2	15MHz	19125	QPSK	1	0	High	3.48	<=13	PASS
Band2	15MHz	19125	16QAM	1	0	High	4.79	<=13	PASS
Band2	15MHz	19125	QPSK	6	0	High	4.69	<=13	PASS
Band2	15MHz	19125	16QAM	6	0	High	4.73	<=13	PASS
Band2	20MHz	18900	QPSK	1	0	Low	4.07	<=13	PASS
Band2	20MHz	18900	16QAM	1	0	Low	5.21	<=13	PASS
Band2	20MHz	18900	QPSK	6	0	Low	4.39	<=13	PASS
Band2	20MHz	18900	16QAM	6	0	Low	4.44	<=13	PASS
Band2	20MHz	19100	QPSK	1	0	High	3.41	<=13	PASS

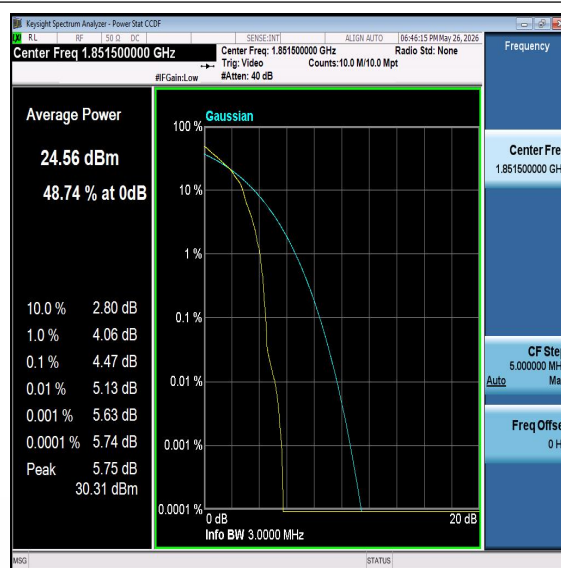
Band2	20MHz	19100	16QAM	1	0	High	4.67	<=13	PASS
Band2	20MHz	19100	QPSK	6	0	High	4.06	<=13	PASS
Band2	20MHz	19100	16QAM	6	0	High	4.02	<=13	PASS

Test Graphs

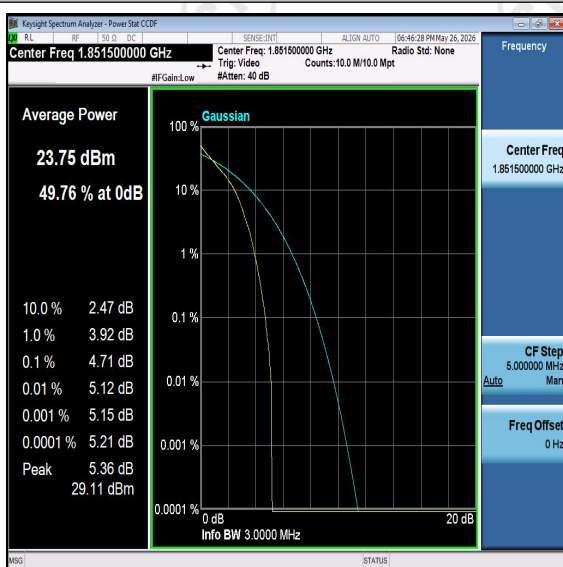




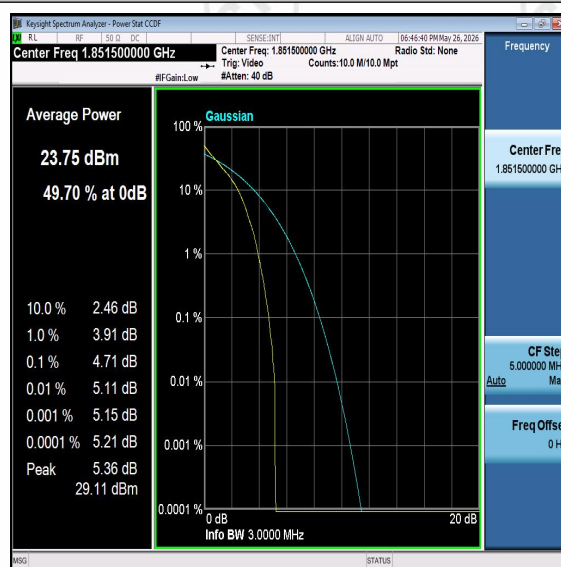
Band2-3MHz-QPSK-18615-PASS



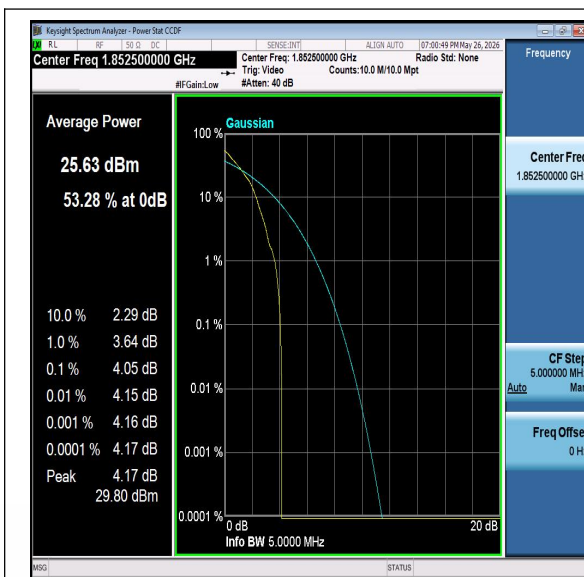
Band2-3MHz-16QAM-18615-PASS



Band2-3MHz-QPSK-18615-PASS



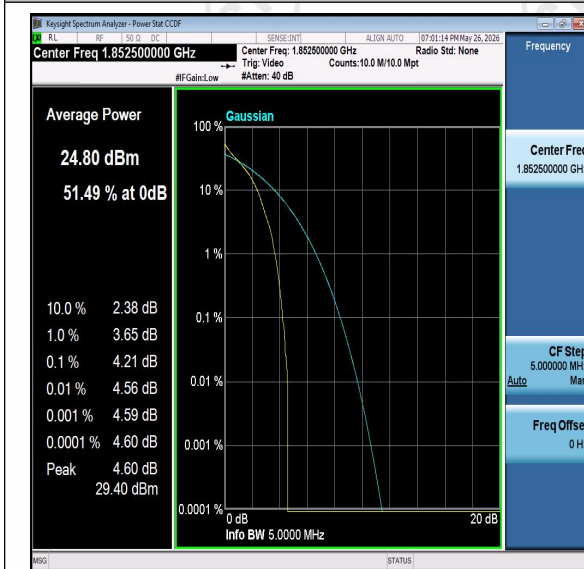
Band2-3MHz-16QAM-18615-PASS



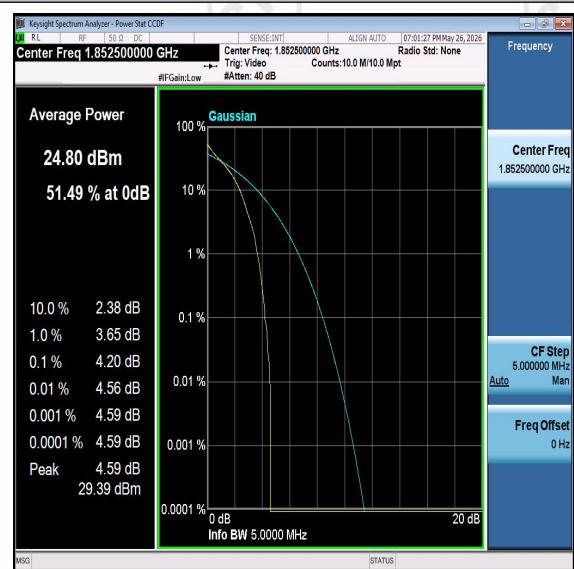
Band2-5MHz-QPSK-18625-PASS



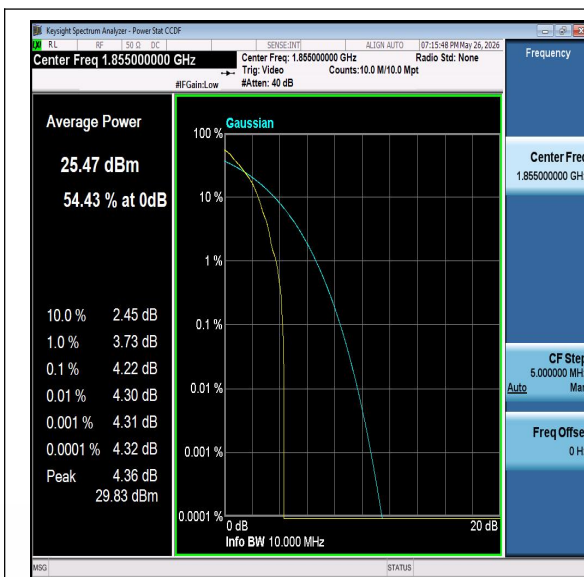
Band2-5MHz-16QAM-18625-PASS



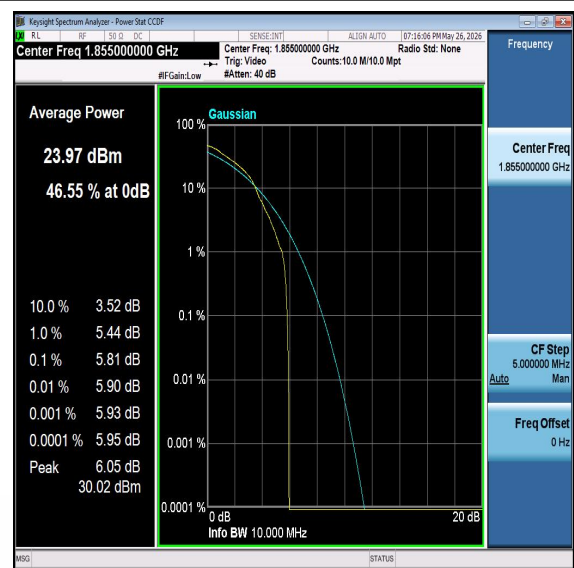
Band2-5MHz-QPSK-18625-PASS



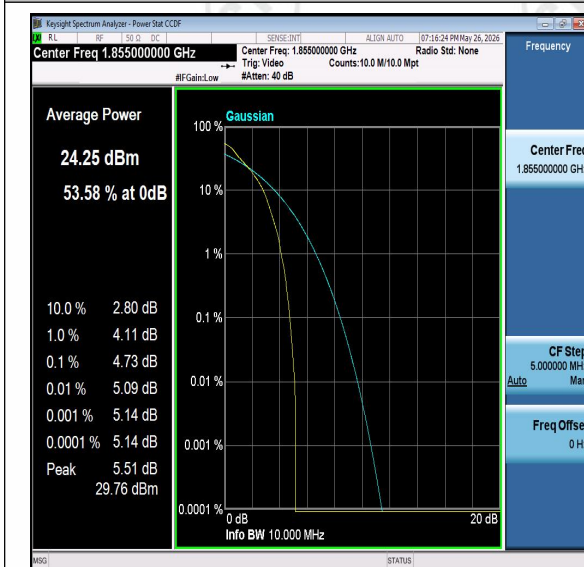
Band2-5MHz-16QAM-18625-PASS



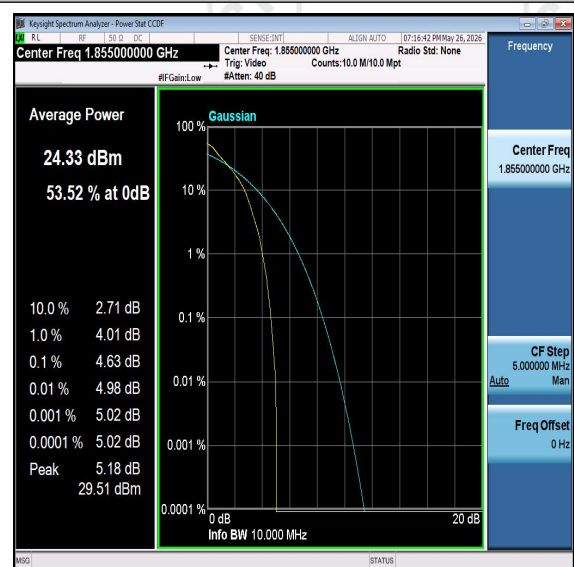
Band2-10MHz-QPSK-18650-PASS



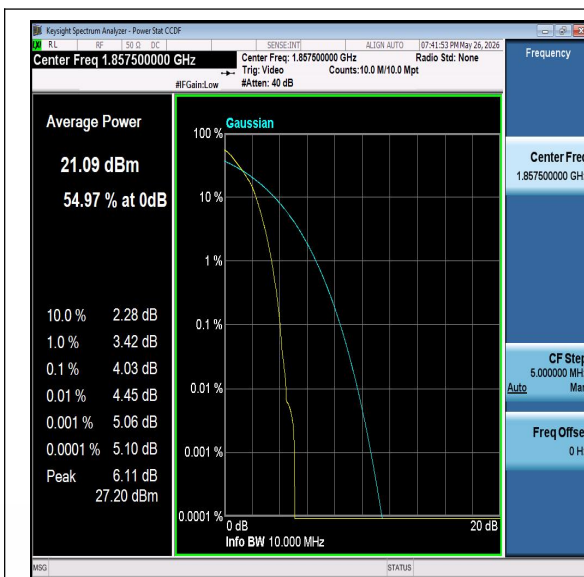
Band2-10MHz-16QAM-18650-PASS



Band2-10MHz-QPSK-18650-PASS



Band2-10MHz-16QAM-18650-PASS



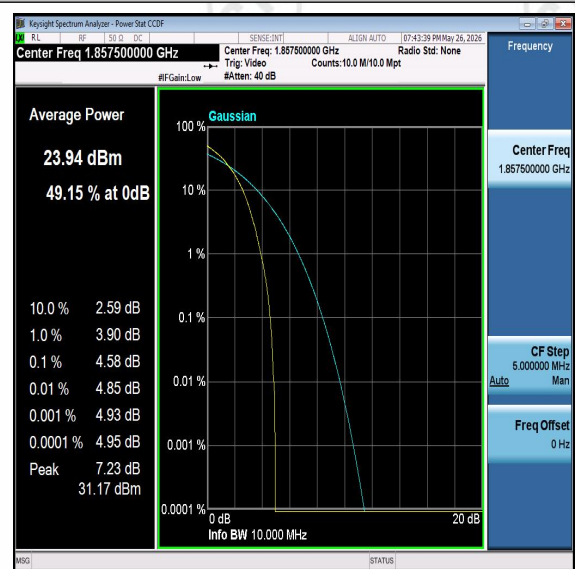
Band2-15MHz-QPSK-18675-PASS



Band2-15MHz-16QAM-18675-PASS



Band2-15MHz-QPSK-18675-PASS



Band2-15MHz-16QAM-18675-PASS