

Appendix for LTE Band66

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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
Band 66	1.4MHz	131979	QPSK	1	0	Low	22.92	-1.1	21.82	-999~30	PASS
Band 66	1.4MHz	131979	16QAM	1	0	Low	21.8	-1.1	20.7	-999~30	PASS
Band 66	1.4MHz	131979	QPSK	1	5	Low	23.25	-1.1	22.15	-999~30	PASS
Band 66	1.4MHz	131979	16QAM	1	5	Low	22.05	-1.1	20.95	-999~30	PASS
Band 66	1.4MHz	131979	QPSK	6	0	Low	21.08	-1.1	19.98	-999~30	PASS
Band 66	1.4MHz	131979	16QAM	6	0	Low	21.08	-1.1	19.98	-999~30	PASS
Band 66	1.4MHz	132322	QPSK	1	0	Low	23.25	-1.1	22.15	-999~30	PASS
Band 66	1.4MHz	132322	16QAM	1	0	Low	22.16	-1.1	21.06	-999~30	PASS
Band 66	1.4MHz	132322	QPSK	1	5	Low	23.52	-1.1	22.42	-999~30	PASS
Band 66	1.4MHz	132322	16QAM	1	5	Low	22.39	-1.1	21.29	-999~30	PASS
Band 66	1.4MHz	132322	QPSK	6	0	Low	21.35	-1.1	20.25	-999~30	PASS
Band 66	1.4MHz	132322	16QAM	6	0	Low	21.35	-1.1	20.25	-999~30	PASS
Band 66	1.4MHz	132665	QPSK	1	0	High	23.36	-1.1	22.26	-999~30	PASS
Band 66	1.4MHz	132665	16QAM	1	0	High	22.52	-1.1	21.42	-999~30	PASS
Band 66	1.4MHz	132665	QPSK	1	5	High	23.6	-1.1	22.5	-999~30	PASS
Band 66	1.4MHz	132665	16QAM	1	5	High	22.63	-1.1	21.5	-999~30	PASS

66	z		M						3	0	S
Band 66	1.4MH z	132665	QPS K	6	0	High	21.6	-1.1	20.5	-999~3 0	PAS S
Band 66	1.4MH z	132665	16QA M	6	0	High	21.51	-1.1	20.4 1	-999~3 0	PAS S
Band 66	3MHz	131987	QPS K	1	0	Low	22.9	-1.1	21.8	-999~3 0	PAS S
Band 66	3MHz	131987	16QA M	1	0	Low	21.99	-1.1	20.8 9	-999~3 0	PAS S
Band 66	3MHz	131987	QPS K	1	5	Low	23.14	-1.1	22.0 4	-999~3 0	PAS S
Band 66	3MHz	131987	16QA M	1	5	Low	22.08	-1.1	20.9 8	-999~3 0	PAS S
Band 66	3MHz	131987	QPS K	6	0	Low	21.02	-1.1	19.9 2	-999~3 0	PAS S
Band 66	3MHz	131987	16QA M	6	0	Low	21.03	-1.1	19.9 3	-999~3 0	PAS S
Band 66	3MHz	132322	QPS K	1	0	Low	23.23	-1.1	22.1 3	-999~3 0	PAS S
Band 66	3MHz	132322	16QA M	1	0	Low	22.1	-1.1	21	-999~3 0	PAS S
Band 66	3MHz	132322	QPS K	1	5	Low	23.54	-1.1	22.4 4	-999~3 0	PAS S
Band 66	3MHz	132322	16QA M	1	5	Low	22.49	-1.1	21.3 9	-999~3 0	PAS S
Band 66	3MHz	132322	QPS K	6	0	Low	21.31	-1.1	20.2 1	-999~3 0	PAS S
Band 66	3MHz	132322	16QA M	6	0	Low	21.3	-1.1	20.2	-999~3 0	PAS S
Band 66	3MHz	132657	QPS K	1	0	High	23.34	-1.1	22.2 4	-999~3 0	PAS S
Band 66	3MHz	132657	16QA M	1	0	High	22.52	-1.1	21.4 2	-999~3 0	PAS S
Band 66	3MHz	132657	QPS K	1	5	High	23.59	-1.1	22.4 9	-999~3 0	PAS S
Band 66	3MHz	132657	16QA M	1	5	High	22.62	-1.1	21.5 2	-999~3 0	PAS S
Band 66	3MHz	132657	QPS K	6	0	High	21.51	-1.1	20.4 1	-999~3 0	PAS S
Band 66	3MHz	132657	16QA M	6	0	High	21.52	-1.1	20.4 2	-999~3 0	PAS S
Band 66	5MHz	131997	QPS	1	0	Low	22.86	-1.1	21.7	-999~3	PAS

66			K						6	0	S
Band 66	5MHz	131997	16QAM	1	0	Low	22.03	-1.1	20.93	-999~30	PASS
Band 66	5MHz	131997	QPSK	1	5	Low	23	-1.1	21.9	-999~30	PASS
Band 66	5MHz	131997	16QAM	1	5	Low	22.35	-1.1	21.25	-999~30	PASS
Band 66	5MHz	131997	QPSK	6	0	Low	22.02	-1.1	20.92	-999~30	PASS
Band 66	5MHz	131997	16QAM	6	0	Low	22.02	-1.1	20.92	-999~30	PASS
Band 66	5MHz	132322	QPSK	1	0	Low	23.19	-1.1	22.09	-999~30	PASS
Band 66	5MHz	132322	16QAM	1	0	Low	22.42	-1.1	21.32	-999~30	PASS
Band 66	5MHz	132322	QPSK	1	5	Low	23.53	-1.1	22.43	-999~30	PASS
Band 66	5MHz	132322	16QAM	1	5	Low	22.43	-1.1	21.33	-999~30	PASS
Band 66	5MHz	132322	QPSK	6	0	Low	22.25	-1.1	21.15	-999~30	PASS
Band 66	5MHz	132322	16QAM	6	0	Low	22.25	-1.1	21.15	-999~30	PASS
Band 66	5MHz	132647	QPSK	1	0	High	23.28	-1.1	22.18	-999~30	PASS
Band 66	5MHz	132647	16QAM	1	0	High	22.62	-1.1	21.52	-999~30	PASS
Band 66	5MHz	132647	QPSK	1	5	High	23.45	-1.1	22.35	-999~30	PASS
Band 66	5MHz	132647	16QAM	1	5	High	22.89	-1.1	21.79	-999~30	PASS
Band 66	5MHz	132647	QPSK	6	0	High	22.59	-1.1	21.49	-999~30	PASS
Band 66	5MHz	132647	16QAM	6	0	High	22.59	-1.1	21.49	-999~30	PASS
Band 66	10MHz	132022	QPSK	1	0	Low	22.97	-1.1	21.87	-999~30	PASS
Band 66	10MHz	132022	16QAM	1	0	Low	22.05	-1.1	20.95	-999~30	PASS
Band 66	10MHz	132022	QPSK	1	5	Low	23	-1.1	21.9	-999~30	PASS
Band 66	10MHz	132022	16QAM	1	5	Low	22.18	-1.1	21.0	-999~30	PASS

66			M						8	0	S
Band 66	10MHz	132022	QPS K	6	0	Low	22.02	-1.1	20.92	-999~30	PAS S
Band 66	10MHz	132022	16QA M	6	0	Low	22.02	-1.1	20.92	-999~30	PAS S
Band 66	10MHz	132322	QPS K	1	0	Low	23.16	-1.1	22.06	-999~30	PAS S
Band 66	10MHz	132322	16QA M	1	0	Low	22.42	-1.1	21.32	-999~30	PAS S
Band 66	10MHz	132322	QPS K	1	5	Low	23.48	-1.1	22.38	-999~30	PAS S
Band 66	10MHz	132322	16QA M	1	5	Low	22.45	-1.1	21.35	-999~30	PAS S
Band 66	10MHz	132322	QPS K	6	0	Low	22.27	-1.1	21.17	-999~30	PAS S
Band 66	10MHz	132322	16QA M	6	0	Low	22.27	-1.1	21.17	-999~30	PAS S
Band 66	10MHz	132622	QPS K	1	0	High	23.33	-1.1	22.23	-999~30	PAS S
Band 66	10MHz	132622	16QA M	1	0	High	22.53	-1.1	21.43	-999~30	PAS S
Band 66	10MHz	132622	QPS K	1	5	High	23.46	-1.1	22.36	-999~30	PAS S
Band 66	10MHz	132622	16QA M	1	5	High	22.86	-1.1	21.76	-999~30	PAS S
Band 66	10MHz	132622	QPS K	6	0	High	22.57	-1.1	21.47	-999~30	PAS S
Band 66	10MHz	132622	16QA M	6	0	High	22.57	-1.1	21.47	-999~30	PAS S
Band 66	15MHz	132047	QPS K	1	0	Low	22.94	-1.1	21.84	-999~30	PAS S
Band 66	15MHz	132047	16QA M	1	0	Low	22.1	-1.1	21	-999~30	PAS S
Band 66	15MHz	132047	QPS K	1	5	Low	23.02	-1.1	21.92	-999~30	PAS S
Band 66	15MHz	132047	16QA M	1	5	Low	22.37	-1.1	21.27	-999~30	PAS S
Band 66	15MHz	132047	QPS K	6	0	Low	22.98	-1.1	21.88	-999~30	PAS S
Band 66	15MHz	132047	16QA M	6	0	Low	22.97	-1.1	21.87	-999~30	PAS S
Band 66	15MHz	132322	QPS K	1	0	Low	22.76	-1.1	21.6	-999~30	PAS S

66			K						6	0	S
Band 66	15MHz	132322	16QAM	1	0	Low	21.74	-1.1	20.64	-999~30	PASS
Band 66	15MHz	132322	QPSK	1	5	Low	22.66	-1.1	21.56	-999~30	PASS
Band 66	15MHz	132322	16QAM	1	5	Low	21.89	-1.1	20.79	-999~30	PASS
Band 66	15MHz	132322	QPSK	6	0	Low	22.92	-1.1	21.82	-999~30	PASS
Band 66	15MHz	132322	16QAM	6	0	Low	22.97	-1.1	21.87	-999~30	PASS
Band 66	15MHz	132597	QPSK	1	0	High	23.28	-1.1	22.18	-999~30	PASS
Band 66	15MHz	132597	16QAM	1	0	High	22.55	-1.1	21.45	-999~30	PASS
Band 66	15MHz	132597	QPSK	1	5	High	23.45	-1.1	22.35	-999~30	PASS
Band 66	15MHz	132597	16QAM	1	5	High	22.89	-1.1	21.79	-999~30	PASS
Band 66	15MHz	132597	QPSK	6	0	High	23.49	-1.1	22.39	-999~30	PASS
Band 66	15MHz	132597	16QAM	6	0	High	23.49	-1.1	22.39	-999~30	PASS
Band 66	20MHz	132072	QPSK	1	0	Low	22.84	-1.1	21.74	-999~30	PASS
Band 66	20MHz	132072	16QAM	1	0	Low	22	-1.1	20.9	-999~30	PASS
Band 66	20MHz	132072	QPSK	1	5	Low	23.08	-1.1	21.98	-999~30	PASS
Band 66	20MHz	132072	16QAM	1	5	Low	22.1	-1.1	21	-999~30	PASS
Band 66	20MHz	132072	QPSK	6	0	Low	22.95	-1.1	21.85	-999~30	PASS
Band 66	20MHz	132072	16QAM	6	0	Low	22.94	-1.1	21.84	-999~30	PASS
Band 66	20MHz	132322	QPSK	1	0	Low	23.17	-1.1	22.07	-999~30	PASS
Band 66	20MHz	132322	16QAM	1	0	Low	22.33	-1.1	21.23	-999~30	PASS
Band 66	20MHz	132322	QPSK	1	5	Low	23.38	-1.1	22.28	-999~30	PASS
Band 66	20MHz	132322	16QAM	1	5	Low	22.37	-1.1	21.27	-999~30	PASS

66			M						7	0	S
Band 66	20MHz	132322	QPS K	6	0	Low	23.26	-1.1	22.16	-999~30	PAS S
Band 66	20MHz	132322	16QA M	6	0	Low	23.26	-1.1	22.16	-999~30	PAS S
Band 66	20MHz	132572	QPS K	1	0	High	23.29	-1.1	22.19	-999~30	PAS S
Band 66	20MHz	132572	16QA M	1	0	High	22.33	-1.1	21.23	-999~30	PAS S
Band 66	20MHz	132572	QPS K	1	5	High	23.2	-1.1	22.1	-999~30	PAS S
Band 66	20MHz	132572	16QA M	1	5	High	22.45	-1.1	21.35	-999~30	PAS S
Band 66	20MHz	132572	QPS K	6	0	High	23.52	-1.1	22.42	-999~30	PAS S
Band 66	20MHz	132572	16QA M	6	0	High	23.49	-1.1	22.39	-999~30	PAS S

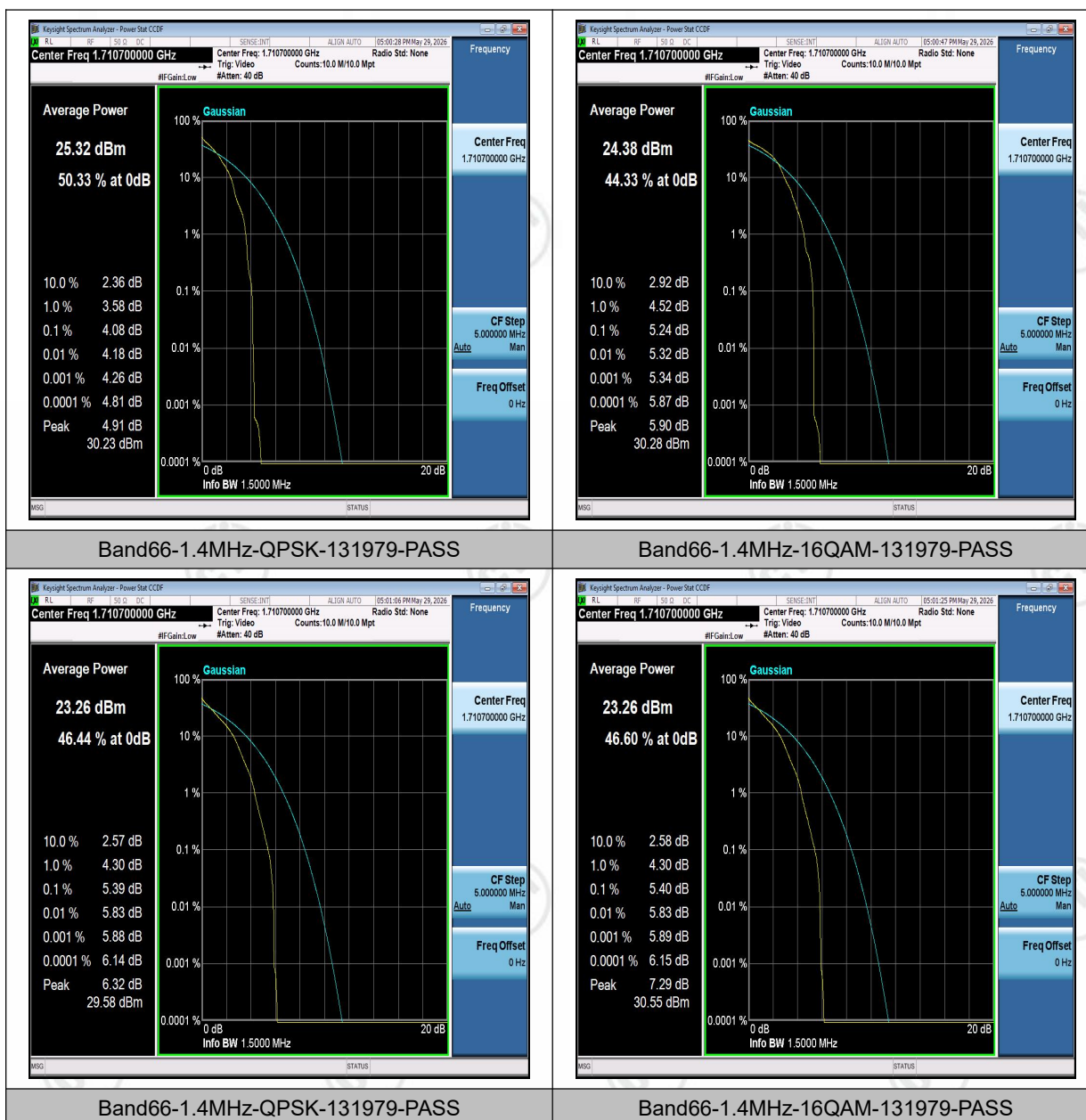
Appendix B: Peak-to-Average Ratio(CCDF) for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	131979	QPSK	1	0	Low	4.08	<=13	PASS
Band66	1.4MHz	131979	16QAM	1	0	Low	5.24	<=13	PASS
Band66	1.4MHz	131979	QPSK	6	0	Low	5.39	<=13	PASS
Band66	1.4MHz	131979	16QAM	6	0	Low	5.40	<=13	PASS
Band66	1.4MHz	132322	QPSK	1	0	Low	4.33	<=13	PASS
Band66	1.4MHz	132322	16QAM	1	0	Low	5.22	<=13	PASS
Band66	1.4MHz	132322	QPSK	6	0	Low	5.25	<=13	PASS
Band66	1.4MHz	132322	16QAM	6	0	Low	5.25	<=13	PASS
Band66	1.4MHz	132665	QPSK	1	0	High	3.74	<=13	PASS
Band66	1.4MHz	132665	16QAM	1	0	High	4.86	<=13	PASS
Band66	1.4MHz	132665	QPSK	6	0	High	4.87	<=13	PASS
Band66	1.4MHz	132665	16QAM	6	0	High	4.86	<=13	PASS
Band66	3MHz	131987	QPSK	1	0	Low	4.09	<=13	PASS
Band66	3MHz	131987	16QAM	1	0	Low	5.28	<=13	PASS
Band66	3MHz	131987	QPSK	6	0	Low	5.39	<=13	PASS
Band66	3MHz	131987	16QAM	6	0	Low	5.37	<=13	PASS
Band66	3MHz	132322	QPSK	1	0	Low	4.36	<=13	PASS
Band66	3MHz	132322	16QAM	1	0	Low	5.19	<=13	PASS
Band66	3MHz	132322	QPSK	6	0	Low	5.18	<=13	PASS
Band66	3MHz	132322	16QAM	6	0	Low	5.17	<=13	PASS
Band66	3MHz	132657	QPSK	1	0	High	3.73	<=13	PASS
Band66	3MHz	132657	16QAM	1	0	High	4.87	<=13	PASS
Band66	3MHz	132657	QPSK	6	0	High	4.73	<=13	PASS
Band66	3MHz	132657	16QAM	6	0	High	4.73	<=13	PASS
Band66	5MHz	131997	QPSK	1	0	Low	4.26	<=13	PASS
Band66	5MHz	131997	16QAM	1	0	Low	5.66	<=13	PASS
Band66	5MHz	131997	QPSK	6	0	Low	4.90	<=13	PASS
Band66	5MHz	131997	16QAM	6	0	Low	4.90	<=13	PASS
Band66	5MHz	132322	QPSK	1	0	Low	4.10	<=13	PASS
Band66	5MHz	132322	16QAM	1	0	Low	5.83	<=13	PASS
Band66	5MHz	132322	QPSK	6	0	Low	4.46	<=13	PASS
Band66	5MHz	132322	16QAM	6	0	Low	4.46	<=13	PASS
Band66	5MHz	132647	QPSK	1	0	High	3.91	<=13	PASS
Band66	5MHz	132647	16QAM	1	0	High	5.40	<=13	PASS

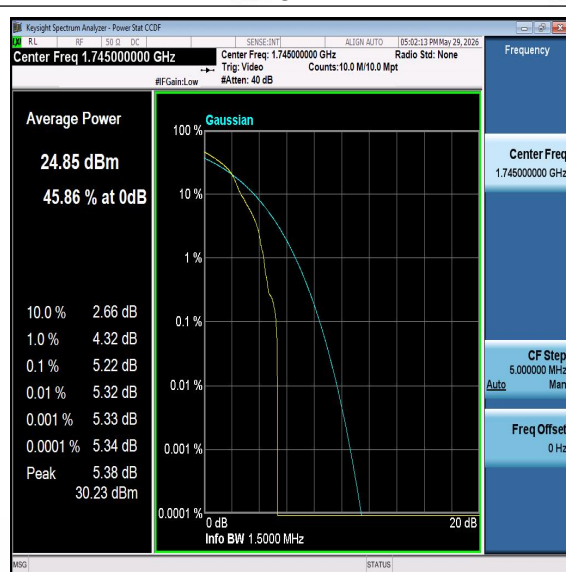
Band66	5MHz	132647	QPSK	6	0	High	4.42	<=13	PASS
Band66	5MHz	132647	16QAM	6	0	High	4.40	<=13	PASS
Band66	10MHz	132022	QPSK	1	0	Low	4.57	<=13	PASS
Band66	10MHz	132022	16QAM	1	0	Low	5.99	<=13	PASS
Band66	10MHz	132022	QPSK	6	0	Low	5.21	<=13	PASS
Band66	10MHz	132022	16QAM	6	0	Low	5.16	<=13	PASS
Band66	10MHz	132322	QPSK	1	0	Low	4.45	<=13	PASS
Band66	10MHz	132322	16QAM	1	0	Low	6.06	<=13	PASS
Band66	10MHz	132322	QPSK	6	0	Low	4.65	<=13	PASS
Band66	10MHz	132322	16QAM	6	0	Low	4.66	<=13	PASS
Band66	10MHz	132622	QPSK	1	0	High	3.93	<=13	PASS
Band66	10MHz	132622	16QAM	1	0	High	5.80	<=13	PASS
Band66	10MHz	132622	QPSK	6	0	High	5.06	<=13	PASS
Band66	10MHz	132622	16QAM	6	0	High	4.95	<=13	PASS
Band66	15MHz	132047	QPSK	1	0	Low	4.65	<=13	PASS
Band66	15MHz	132047	16QAM	1	0	Low	5.86	<=13	PASS
Band66	15MHz	132047	QPSK	6	0	Low	5.15	<=13	PASS
Band66	15MHz	132047	16QAM	6	0	Low	5.13	<=13	PASS
Band66	15MHz	132322	QPSK	1	0	Low	4.27	<=13	PASS
Band66	15MHz	132322	16QAM	1	0	Low	6.13	<=13	PASS
Band66	15MHz	132322	QPSK	6	0	Low	4.65	<=13	PASS
Band66	15MHz	132322	16QAM	6	0	Low	4.59	<=13	PASS
Band66	15MHz	132597	QPSK	1	0	High	4.05	<=13	PASS
Band66	15MHz	132597	16QAM	1	0	High	5.52	<=13	PASS
Band66	15MHz	132597	QPSK	6	0	High	5.02	<=13	PASS
Band66	15MHz	132597	16QAM	6	0	High	5.04	<=13	PASS
Band66	20MHz	132072	QPSK	1	0	Low	4.46	<=13	PASS
Band66	20MHz	132072	16QAM	1	0	Low	5.78	<=13	PASS
Band66	20MHz	132072	QPSK	6	0	Low	4.94	<=13	PASS
Band66	20MHz	132072	16QAM	6	0	Low	4.99	<=13	PASS
Band66	20MHz	132322	QPSK	1	0	Low	4.33	<=13	PASS
Band66	20MHz	132322	16QAM	1	0	Low	6.06	<=13	PASS
Band66	20MHz	132322	QPSK	6	0	Low	4.61	<=13	PASS
Band66	20MHz	132322	16QAM	6	0	Low	4.62	<=13	PASS
Band66	20MHz	132572	QPSK	1	0	High	4.06	<=13	PASS
Band66	20MHz	132572	16QAM	1	0	High	5.33	<=13	PASS
Band66	20MHz	132572	QPSK	6	0	High	4.37	<=13	PASS
Band66	20MHz	132572	16QAM	6	0	High	4.29	<=13	PASS

Test Graphs

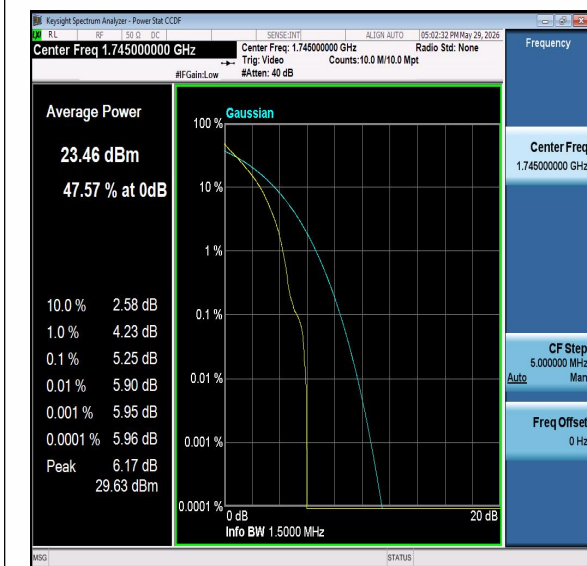




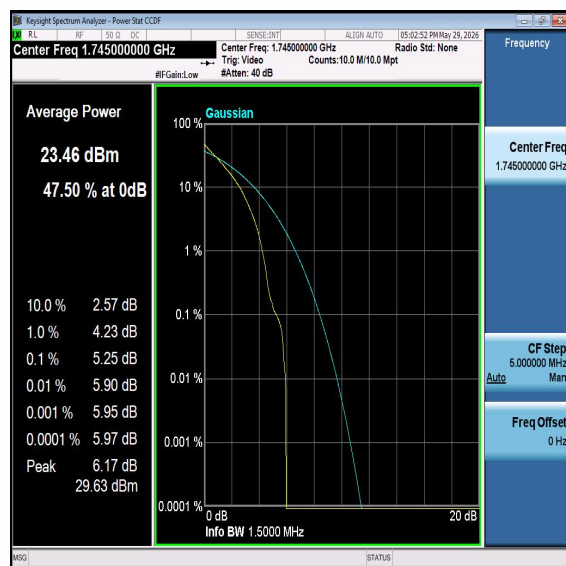
Band66-1.4MHz-QPSK-132322-PASS



Band66-1.4MHz-16QAM-132322-PASS



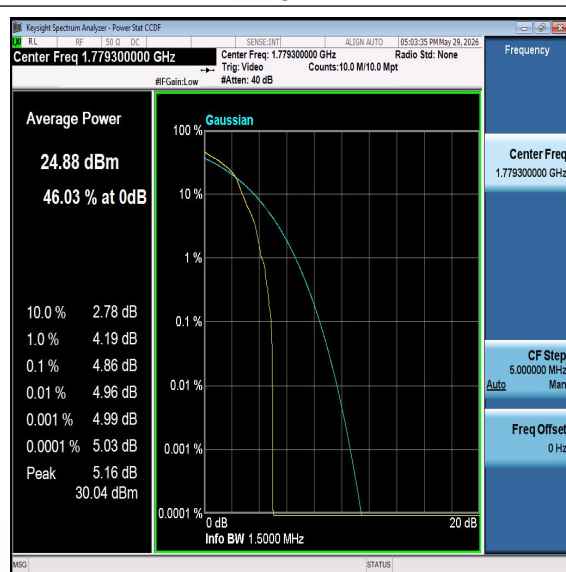
Band66-1.4MHz-QPSK-132322-PASS



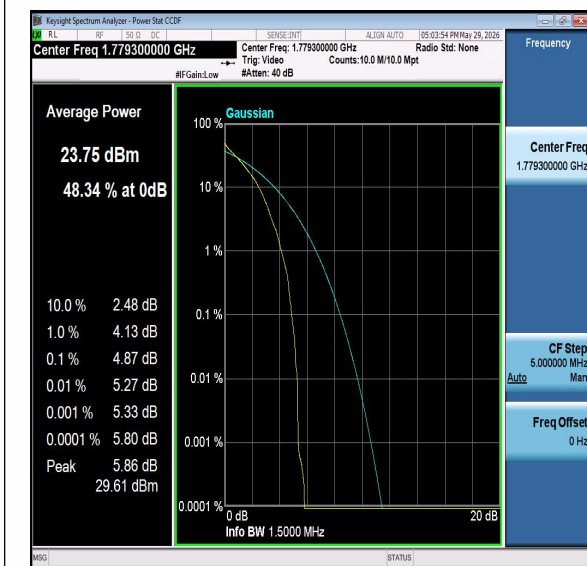
Band66-1.4MHz-16QAM-132322-PASS



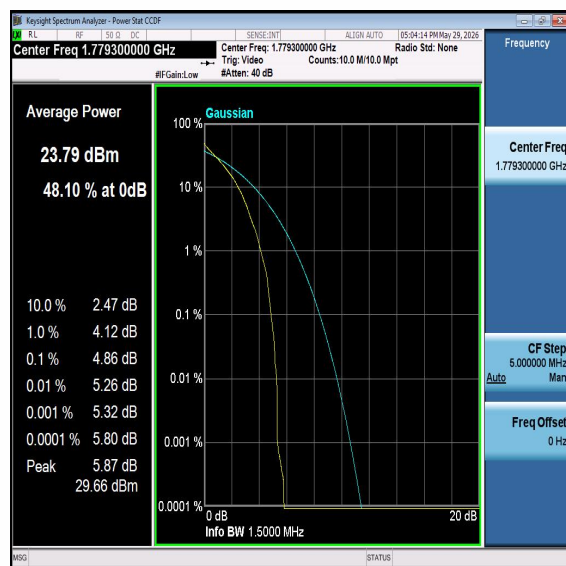
Band66-1.4MHz-QPSK-132665-PASS



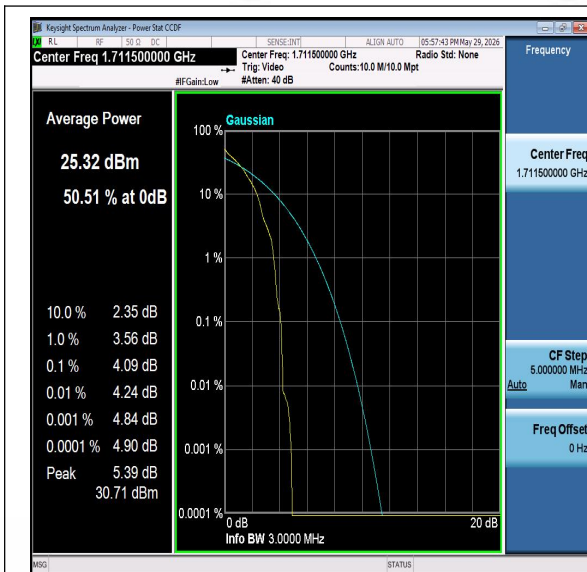
Band66-1.4MHz-16QAM-132665-PASS



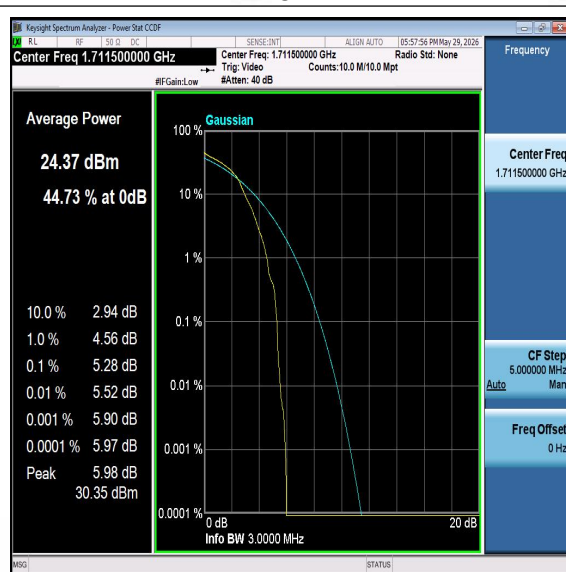
Band66-1.4MHz-QPSK-132665-PASS



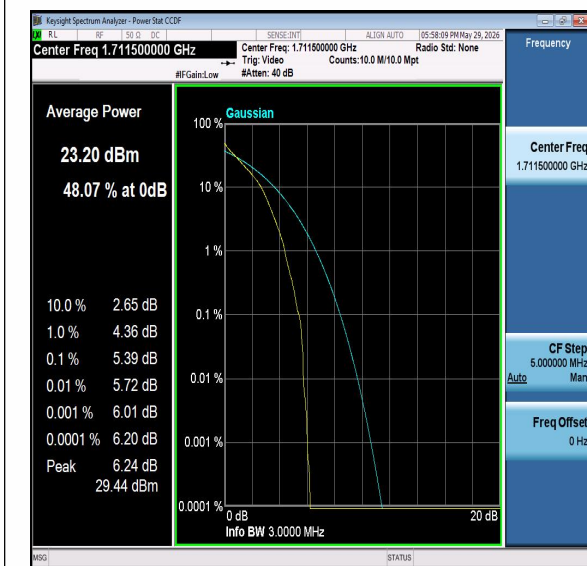
Band66-1.4MHz-16QAM-132665-PASS



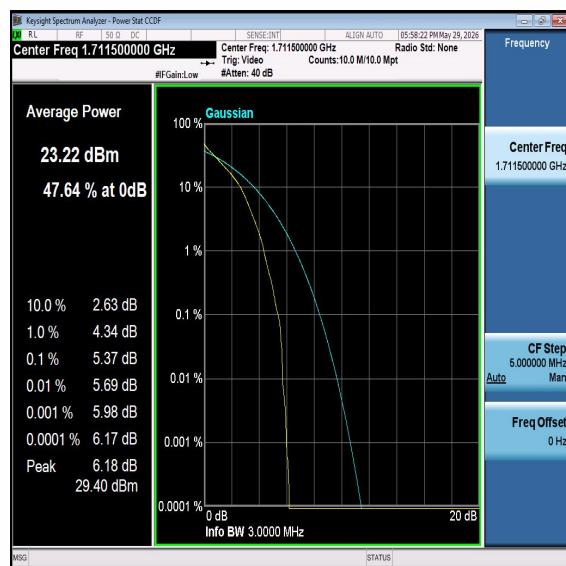
Band66-3MHz-QPSK-131987-PASS



Band66-3MHz-16QAM-131987-PASS



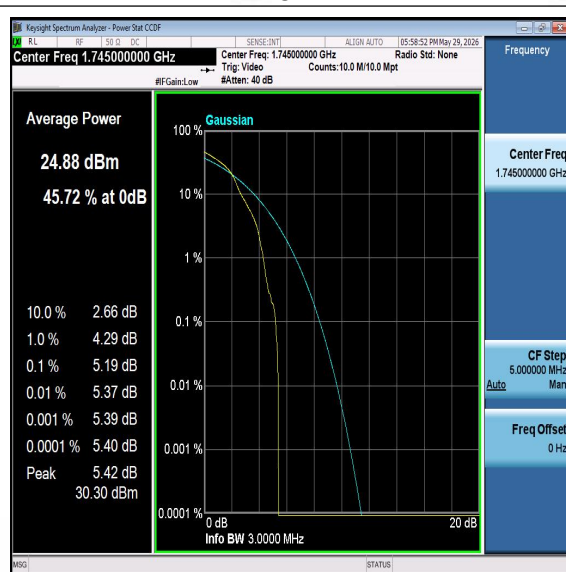
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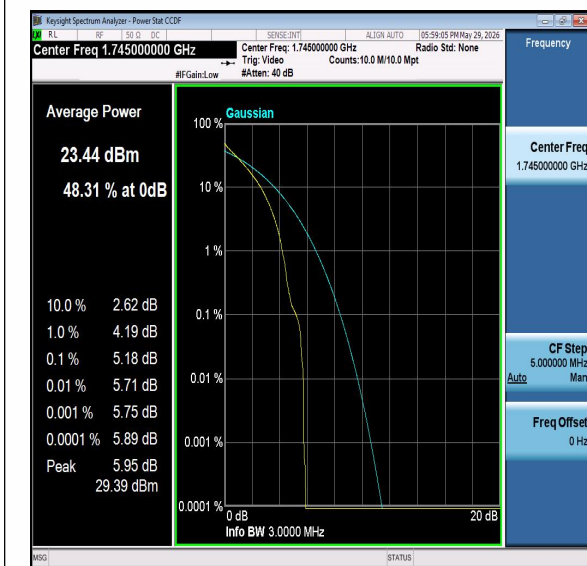
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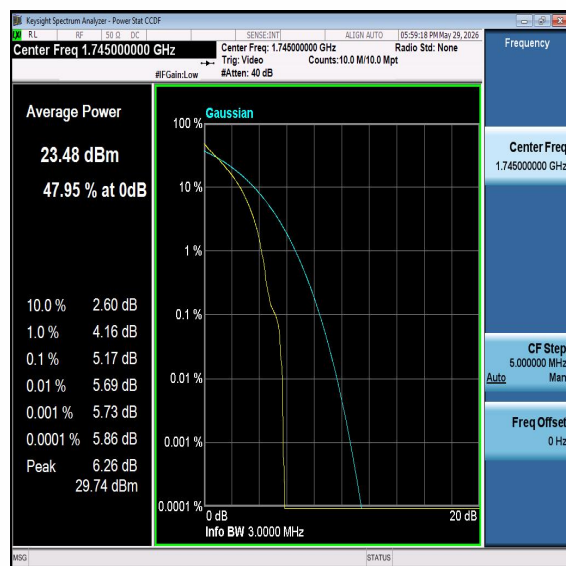
Band66-3MHz-QPSK-132322-PASS



Band66-3MHz-16QAM-132322-PASS



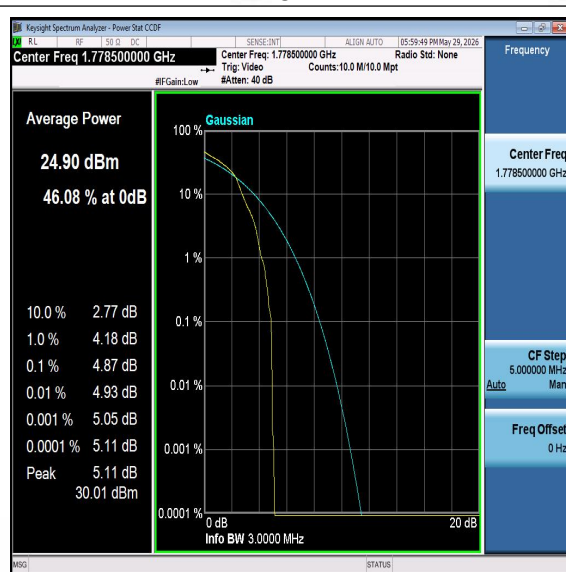
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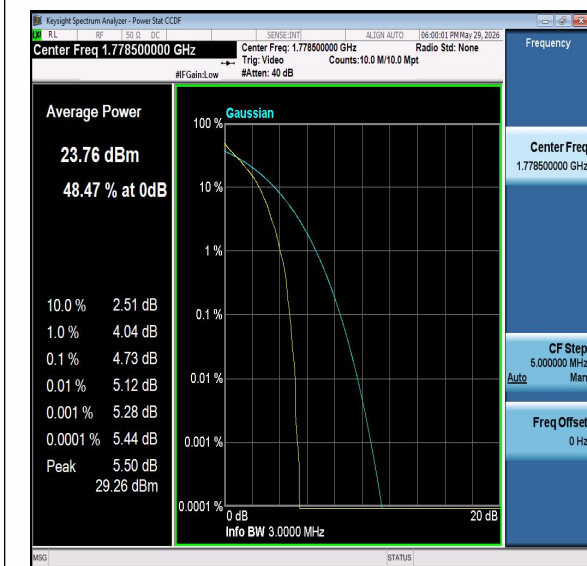
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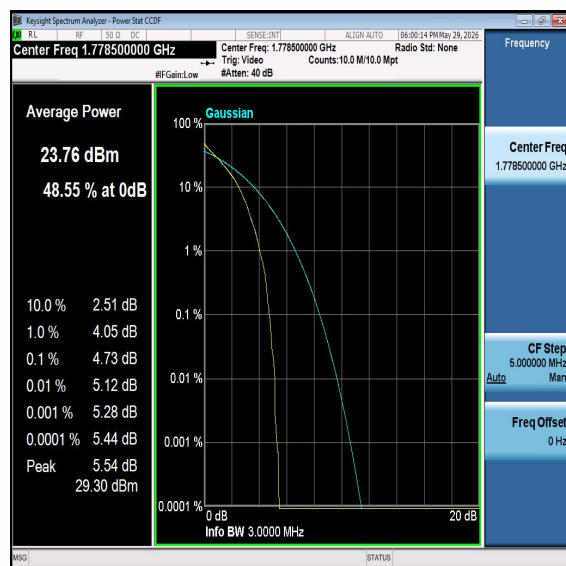
Band66-3MHz-QPSK-132657-PASS



Band66-3MHz-16QAM-132657-PASS



Band66-3MHz-QPSK-132657-PASS



Band66-3MHz-16QAM-132657-PASS