

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dBi)	ERP (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.28	0.14	21.27	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.38	0.14	21.37	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.37	0.14	21.36	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.44	0.14	21.43	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.45	0.14	21.44	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.52	0.14	21.51	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	23.49	0.14	21.48	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.55	0.14	21.54	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.58	0.14	21.57	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.56	0.14	21.55	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.68	0.14	21.67	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.68	0.14	21.67	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.64	0.14	21.63	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	23.70	0.14	21.69	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.78	0.14	21.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.78	0.14	21.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.73	0.14	21.72	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.86	0.14	21.85	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.85	0.14	21.84	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.85	0.14	21.84	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.91	0.14	20.90	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.44	0.14	20.43	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.53	0.14	20.52	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.49	0.14	21.48	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	23.37	0.14	21.36	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.36	0.14	21.35	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	23.40	0.14	21.39	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	23.36	0.14	21.35	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.47	0.14	20.46	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.48	0.14	20.47	PASS

Band12	1.4MHz	16QAM	23095	1RB#5	22.40	0.14	20.39	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.50	0.14	20.49	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	23.53	0.14	21.52	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	23.44	0.14	21.43	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.70	0.14	20.69	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	23.82	0.14	21.81	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	23.85	0.14	21.84	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	23.80	0.14	21.79	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	23.72	0.14	21.71	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	23.71	0.14	21.70	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	23.67	0.14	21.66	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	23.94	0.14	21.93	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.12	0.14	21.11	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.27	0.14	21.26	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.25	0.14	21.24	PASS
Band12	3MHz	QPSK	23025	8RB#0	23.36	0.14	21.35	PASS
Band12	3MHz	QPSK	23025	8RB#4	23.38	0.14	21.37	PASS
Band12	3MHz	QPSK	23025	8RB#7	23.50	0.14	21.49	PASS
Band12	3MHz	QPSK	23025	15RB#0	23.50	0.14	21.49	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.36	0.14	21.35	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.47	0.14	21.46	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.40	0.14	21.39	PASS
Band12	3MHz	QPSK	23095	8RB#0	23.55	0.14	21.54	PASS
Band12	3MHz	QPSK	23095	8RB#4	23.56	0.14	21.55	PASS
Band12	3MHz	QPSK	23095	8RB#7	23.58	0.14	21.57	PASS
Band12	3MHz	QPSK	23095	15RB#0	23.66	0.14	21.65	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.65	0.14	21.64	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.72	0.14	21.71	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.62	0.14	21.61	PASS
Band12	3MHz	QPSK	23165	8RB#0	23.84	0.14	21.83	PASS
Band12	3MHz	QPSK	23165	8RB#4	23.85	0.14	21.84	PASS
Band12	3MHz	QPSK	23165	8RB#7	23.81	0.14	21.80	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.84	0.14	21.83	PASS
Band12	3MHz	16QAM	23025	1RB#0	23.27	0.14	21.26	PASS
Band12	3MHz	16QAM	23025	1RB#8	23.52	0.14	21.51	PASS
Band12	3MHz	16QAM	23025	1RB#14	23.46	0.14	21.45	PASS

Band12	3MHz	16QAM	23025	8RB#0	22.47	0.14	20.46	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.41	0.14	20.40	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.50	0.14	20.49	PASS
Band12	3MHz	16QAM	23025	15RB#0	22.44	0.14	20.43	PASS
Band12	3MHz	16QAM	23095	1RB#0	23.48	0.14	21.47	PASS
Band12	3MHz	16QAM	23095	1RB#8	23.63	0.14	21.62	PASS
Band12	3MHz	16QAM	23095	1RB#14	23.45	0.14	21.44	PASS
Band12	3MHz	16QAM	23095	8RB#0	22.56	0.14	20.55	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.57	0.14	20.56	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.61	0.14	20.60	PASS
Band12	3MHz	16QAM	23095	15RB#0	22.54	0.14	20.53	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.51	0.14	21.50	PASS
Band12	3MHz	16QAM	23165	1RB#8	23.61	0.14	21.60	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.49	0.14	21.48	PASS
Band12	3MHz	16QAM	23165	8RB#0	22.87	0.14	20.86	PASS
Band12	3MHz	16QAM	23165	8RB#4	22.81	0.14	20.80	PASS
Band12	3MHz	16QAM	23165	8RB#7	22.81	0.14	20.80	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.80	0.14	20.79	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.50	0.14	21.49	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.69	0.14	21.68	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.61	0.14	21.60	PASS
Band12	5MHz	QPSK	23035	12RB#0	23.53	0.14	21.52	PASS
Band12	5MHz	QPSK	23035	12RB#6	23.60	0.14	21.59	PASS
Band12	5MHz	QPSK	23035	12RB#13	23.53	0.14	21.52	PASS
Band12	5MHz	QPSK	23035	25RB#0	23.54	0.14	21.53	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.69	0.14	21.68	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.79	0.14	21.78	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.73	0.14	21.72	PASS
Band12	5MHz	QPSK	23095	12RB#0	23.56	0.14	21.55	PASS
Band12	5MHz	QPSK	23095	12RB#6	23.55	0.14	21.54	PASS
Band12	5MHz	QPSK	23095	12RB#13	23.70	0.14	21.69	PASS
Band12	5MHz	QPSK	23095	25RB#0	23.71	0.14	21.70	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.92	0.14	21.91	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.08	0.14	21.07	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.92	0.14	21.91	PASS
Band12	5MHz	QPSK	23155	12RB#0	23.91	0.14	21.90	PASS

Band12	5MHz	QPSK	23155	12RB#6	23.84	0.14	21.83	PASS
Band12	5MHz	QPSK	23155	12RB#13	23.82	0.14	21.81	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.87	0.14	21.86	PASS
Band12	5MHz	16QAM	23035	1RB#0	23.42	0.14	21.41	PASS
Band12	5MHz	16QAM	23035	1RB#12	23.67	0.14	21.66	PASS
Band12	5MHz	16QAM	23035	1RB#24	23.62	0.14	21.61	PASS
Band12	5MHz	16QAM	23035	12RB#0	22.52	0.14	20.51	PASS
Band12	5MHz	16QAM	23035	12RB#6	22.57	0.14	20.56	PASS
Band12	5MHz	16QAM	23035	12RB#13	22.58	0.14	20.57	PASS
Band12	5MHz	16QAM	23035	25RB#0	22.55	0.14	20.54	PASS
Band12	5MHz	16QAM	23095	1RB#0	23.85	0.14	21.84	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.99	0.14	21.98	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.93	0.14	21.92	PASS
Band12	5MHz	16QAM	23095	12RB#0	22.60	0.14	20.59	PASS
Band12	5MHz	16QAM	23095	12RB#6	22.68	0.14	20.67	PASS
Band12	5MHz	16QAM	23095	12RB#13	22.78	0.14	20.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	22.68	0.14	20.67	PASS
Band12	5MHz	16QAM	23155	1RB#0	23.87	0.14	21.86	PASS
Band12	5MHz	16QAM	23155	1RB#12	23.06	0.14	21.05	PASS
Band12	5MHz	16QAM	23155	1RB#24	23.90	0.14	21.89	PASS
Band12	5MHz	16QAM	23155	12RB#0	22.94	0.14	20.93	PASS
Band12	5MHz	16QAM	23155	12RB#6	22.87	0.14	20.86	PASS
Band12	5MHz	16QAM	23155	12RB#13	22.86	0.14	20.85	PASS
Band12	5MHz	16QAM	23155	25RB#0	23.01	0.14	21.00	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.45	0.14	21.44	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.69	0.14	21.68	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.64	0.14	21.63	PASS
Band12	10MHz	QPSK	23060	25RB#0	23.64	0.14	21.63	PASS
Band12	10MHz	QPSK	23060	25RB#12	23.58	0.14	21.57	PASS
Band12	10MHz	QPSK	23060	25RB#25	23.69	0.14	21.68	PASS
Band12	10MHz	QPSK	23060	50RB#0	23.72	0.14	21.71	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.59	0.14	21.58	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.67	0.14	21.66	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.88	0.14	21.87	PASS
Band12	10MHz	QPSK	23095	25RB#0	23.59	0.14	21.58	PASS
Band12	10MHz	QPSK	23095	25RB#12	23.61	0.14	21.60	PASS

Band12	10MHz	QPSK	23095	25RB#25	23.82	0.14	21.81	PASS
Band12	10MHz	QPSK	23095	50RB#0	23.73	0.14	21.72	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.69	0.14	21.68	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.87	0.14	21.86	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.90	0.14	21.89	PASS
Band12	10MHz	QPSK	23130	25RB#0	23.60	0.14	21.59	PASS
Band12	10MHz	QPSK	23130	25RB#12	23.55	0.14	21.54	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.78	0.14	21.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	23.69	0.14	21.68	PASS
Band12	10MHz	16QAM	23060	1RB#0	23.63	0.14	21.62	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.83	0.14	21.82	PASS
Band12	10MHz	16QAM	23060	1RB#49	23.80	0.14	21.79	PASS
Band12	10MHz	16QAM	23060	25RB#0	22.57	0.14	20.56	PASS
Band12	10MHz	16QAM	23060	25RB#12	22.65	0.14	20.64	PASS
Band12	10MHz	16QAM	23060	25RB#25	22.69	0.14	20.68	PASS
Band12	10MHz	16QAM	23060	50RB#0	22.64	0.14	20.63	PASS
Band12	10MHz	16QAM	23095	1RB#0	23.82	0.14	21.81	PASS
Band12	10MHz	16QAM	23095	1RB#24	23.88	0.14	21.87	PASS
Band12	10MHz	16QAM	23095	1RB#49	23.01	0.14	21.00	PASS
Band12	10MHz	16QAM	23095	25RB#0	22.68	0.14	20.67	PASS
Band12	10MHz	16QAM	23095	25RB#12	22.59	0.14	20.58	PASS
Band12	10MHz	16QAM	23095	25RB#25	22.87	0.14	20.86	PASS
Band12	10MHz	16QAM	23095	50RB#0	22.72	0.14	20.71	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.65	0.14	21.64	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.73	0.14	21.72	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.80	0.14	21.79	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.58	0.14	20.57	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.57	0.14	20.56	PASS
Band12	10MHz	16QAM	23130	25RB#25	22.85	0.14	20.84	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.72	0.14	20.71	PASS

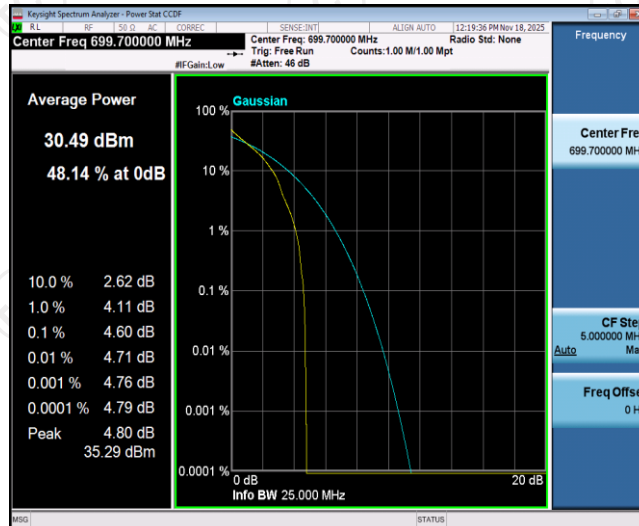
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

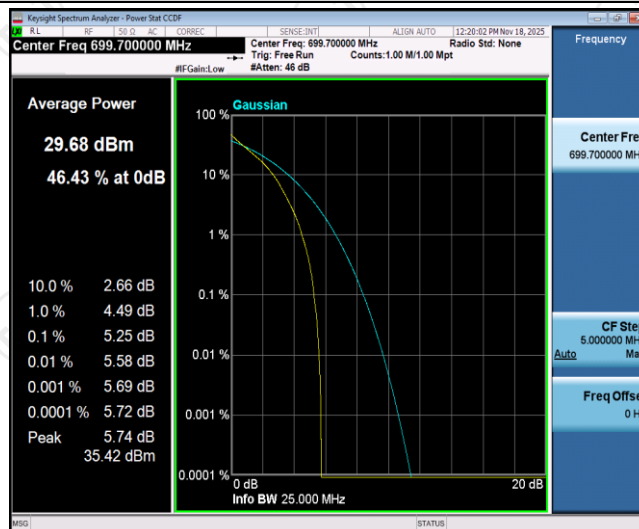
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.60	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.25	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.57	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.37	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.15	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.77	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.51	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.04	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.34	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.20	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.11	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.66	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.60	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.37	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.66	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.36	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.41	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.00	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.53	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.29	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.46	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.21	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.29	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.86	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.58	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.45	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.61	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.40	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.55	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.14	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.34	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.23	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.28	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.22	13	PASS

Band12	5MHz	16QAM	23155	1RB#0	5.30	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.94	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.47	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.46	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.50	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.39	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.51	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.32	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.35	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.24	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.23	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.22	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.30	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.13	13	PASS

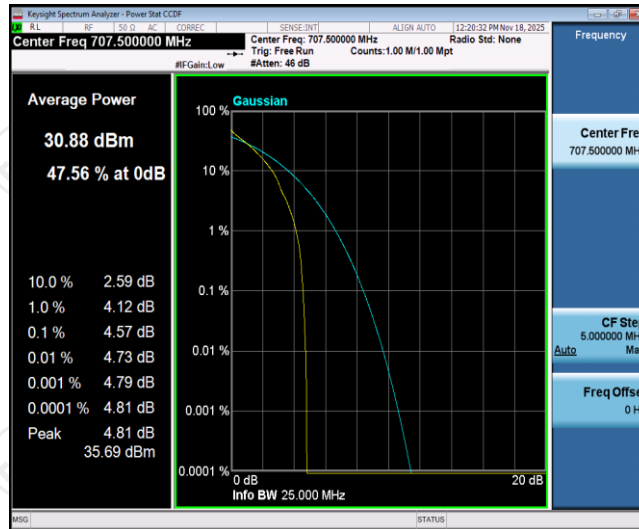
Test Graphs



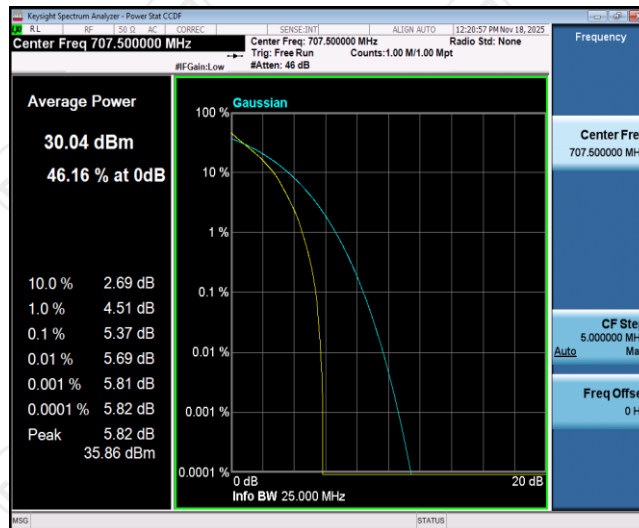
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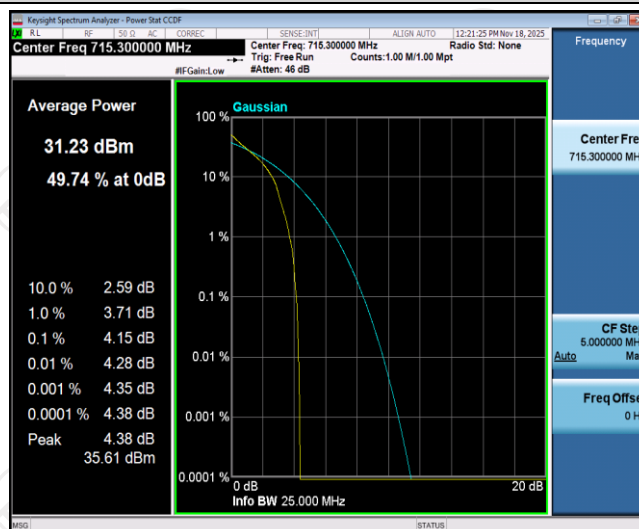
Band12-1.4MHz-QPSK-23017-6RB#0



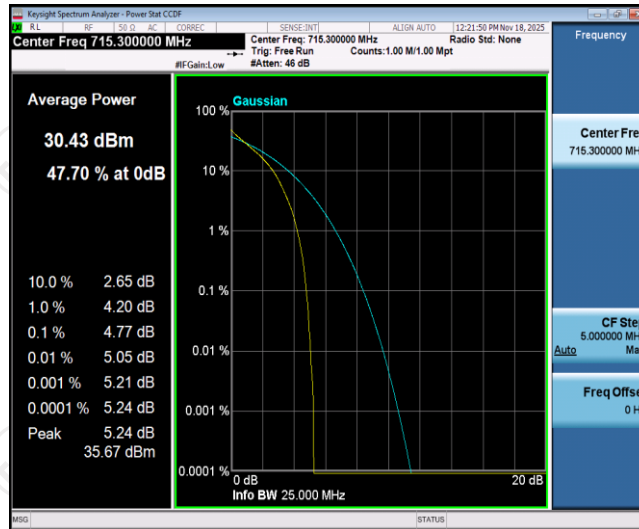
Band12-1.4MHz-QPSK-23095-1RB#0



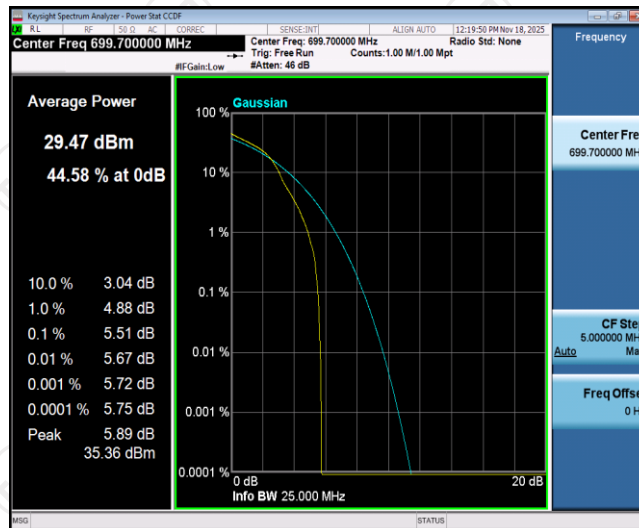
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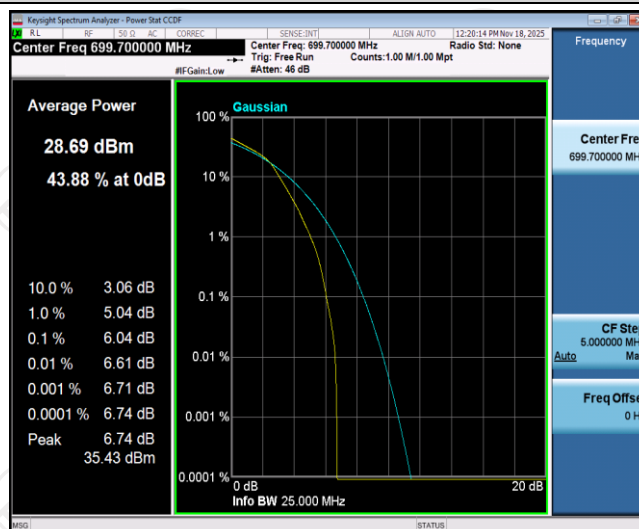
Band12-1.4MHz-QPSK-23173-1RB#0



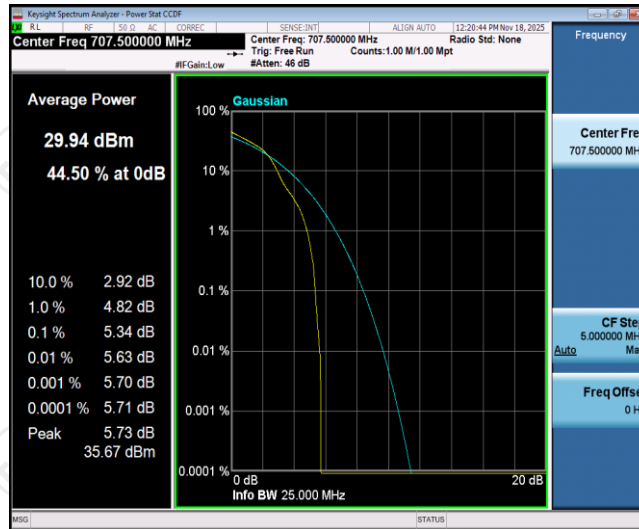
Band12-1.4MHz-QPSK-23173-6RB#0



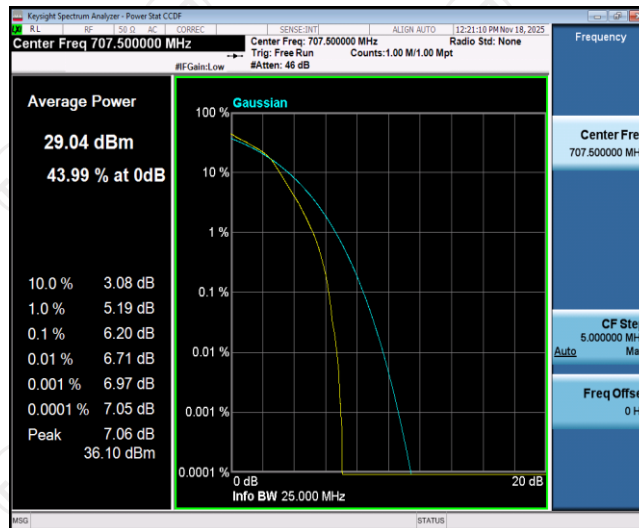
Band12-1.4MHz-16QAM-23017-1RB#0



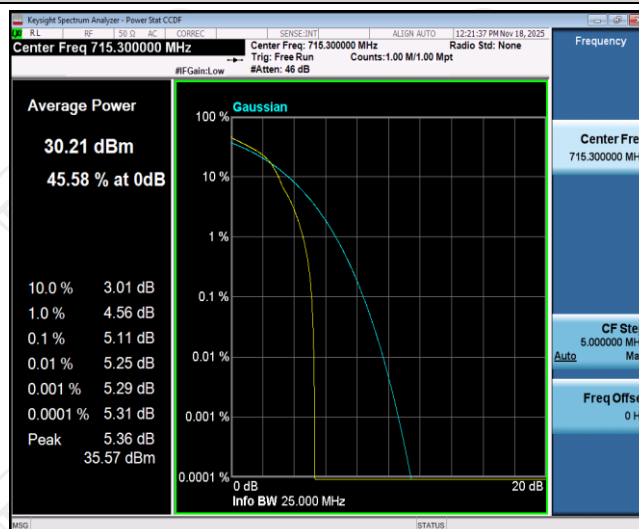
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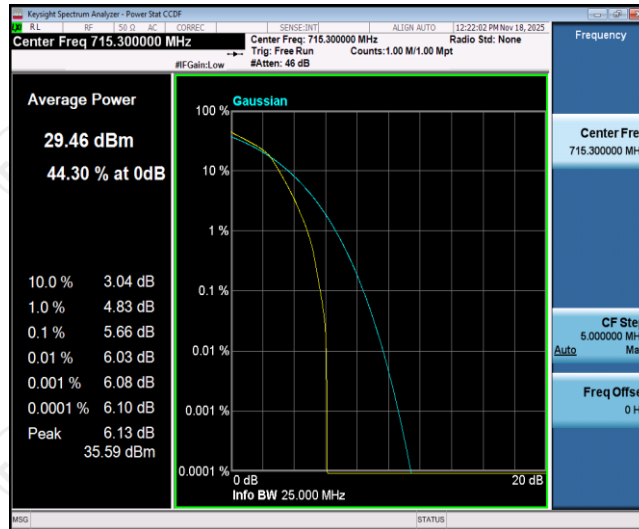
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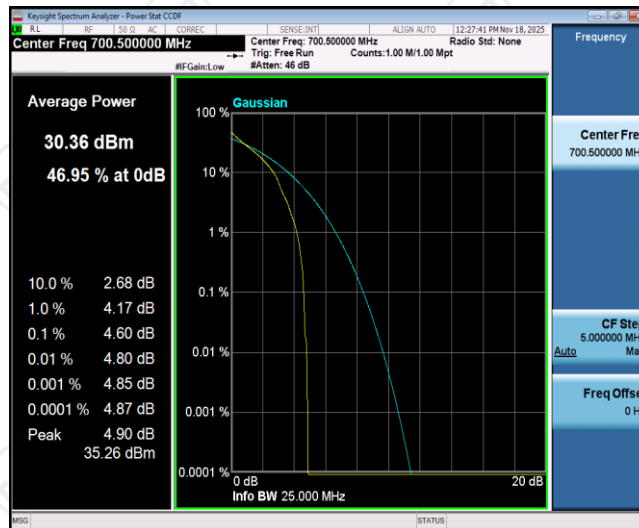
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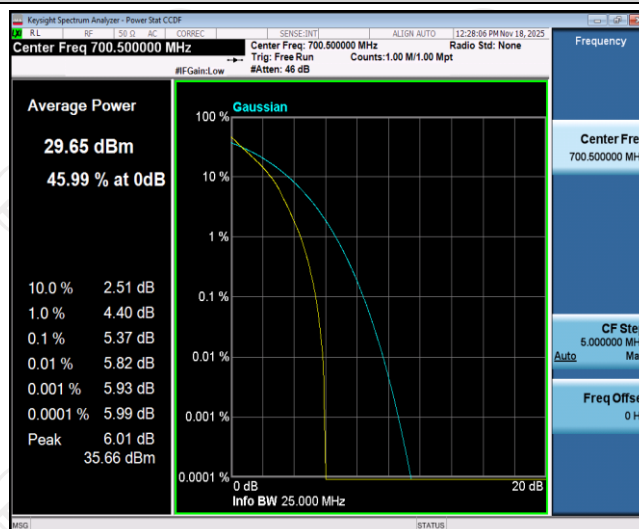
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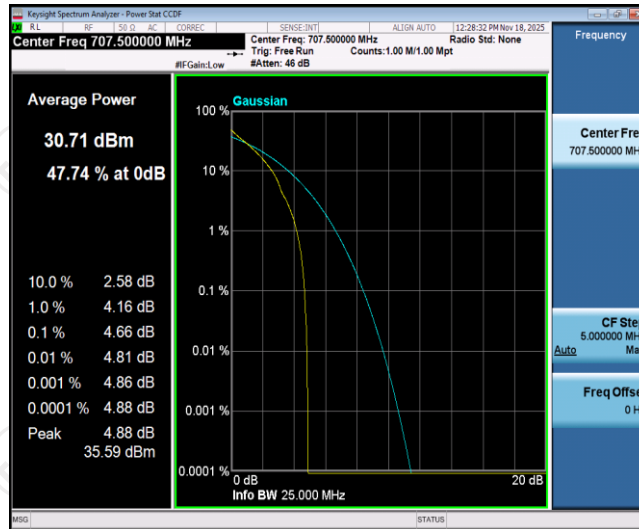
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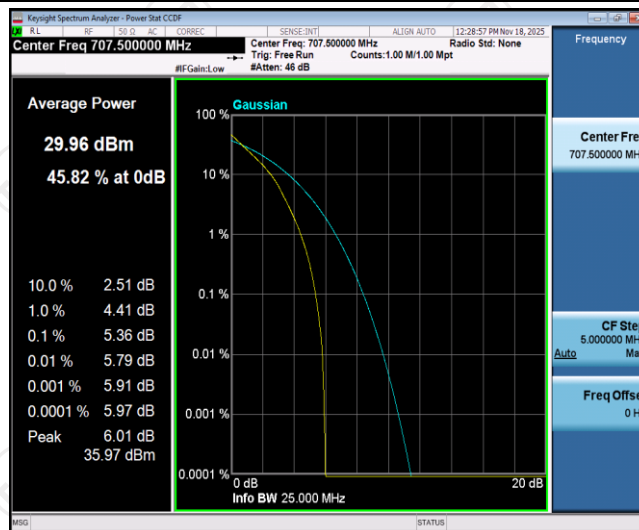
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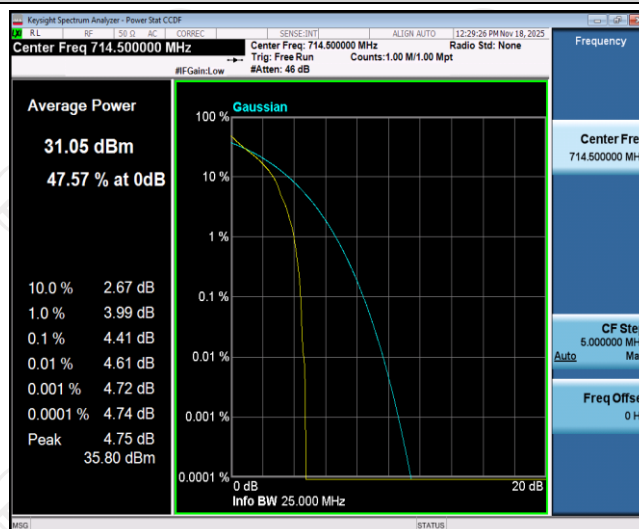
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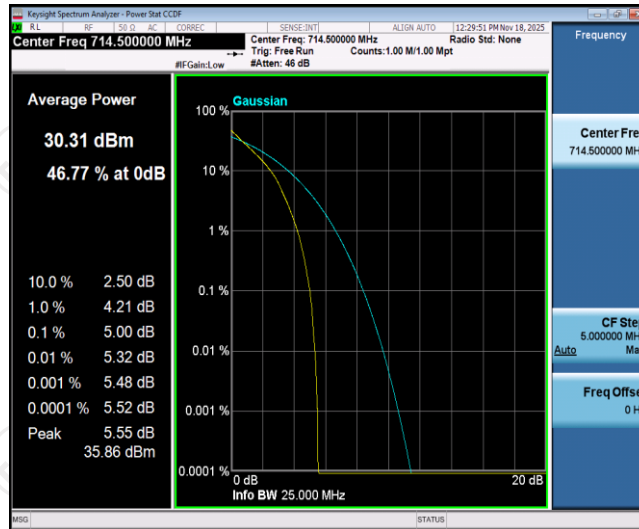
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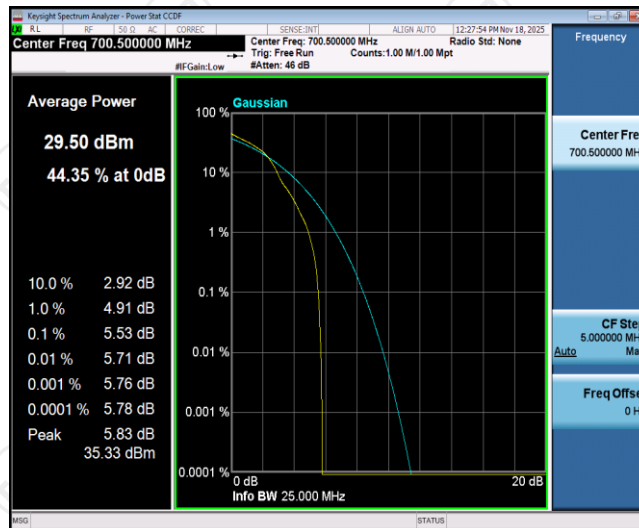
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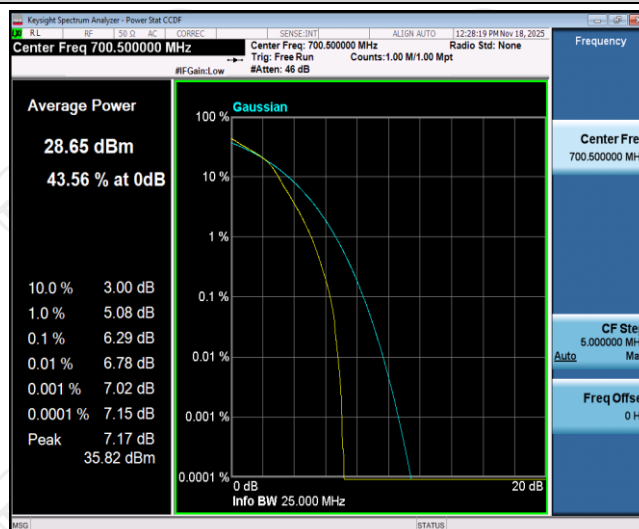
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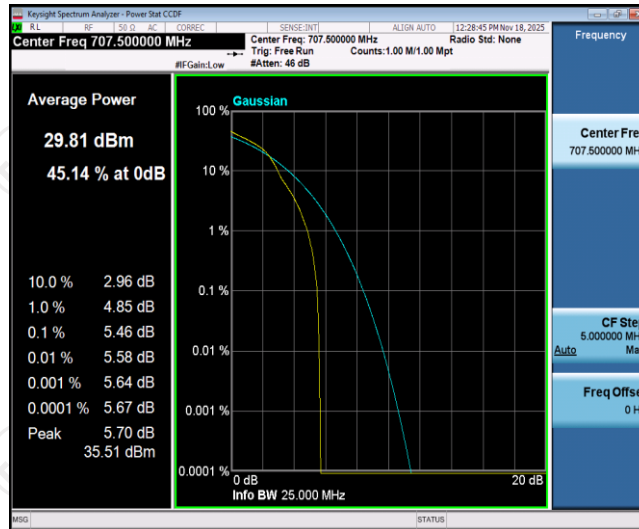
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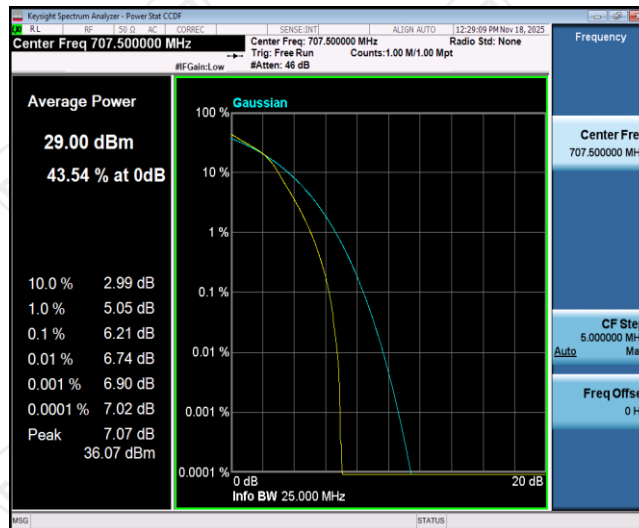
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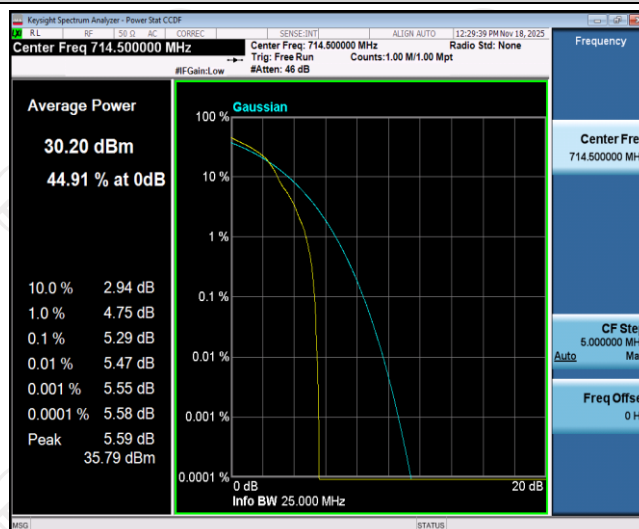
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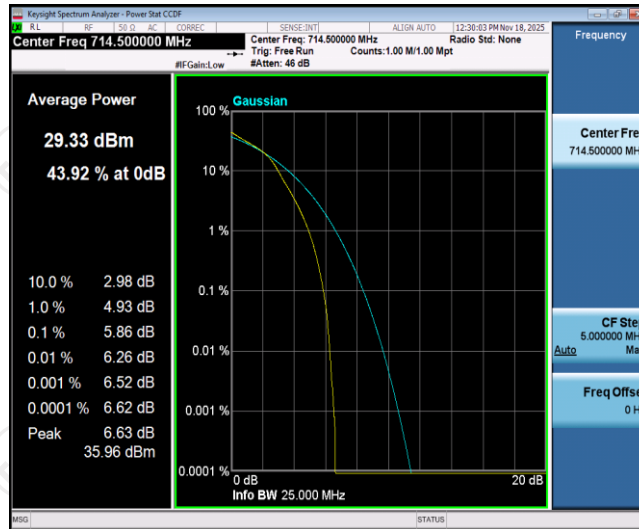
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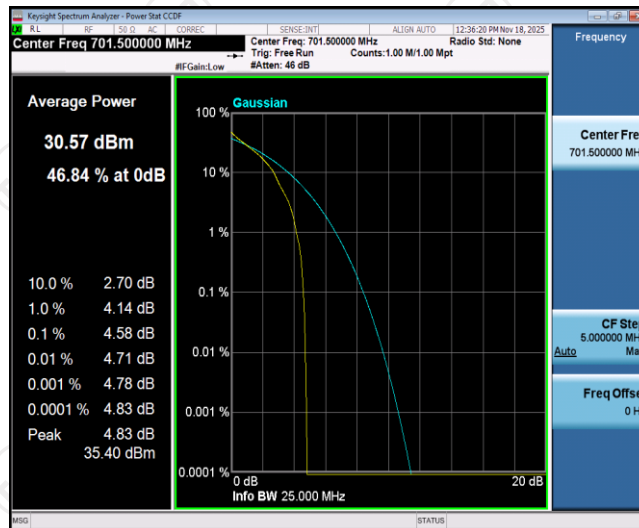
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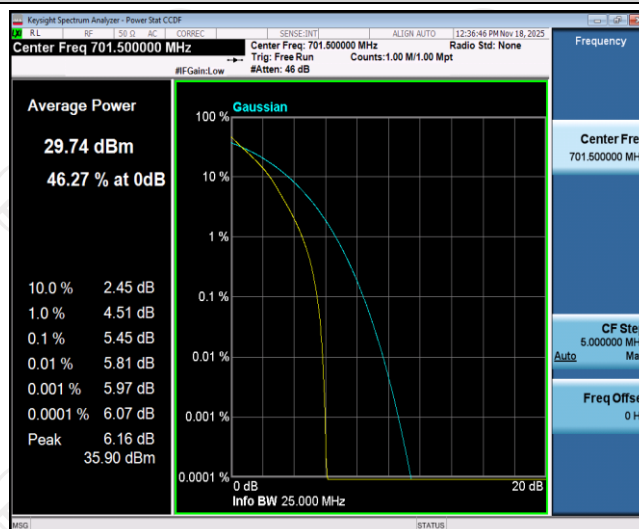
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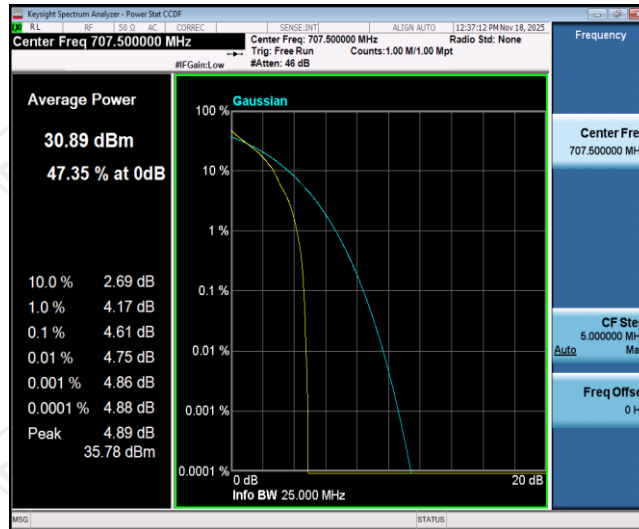
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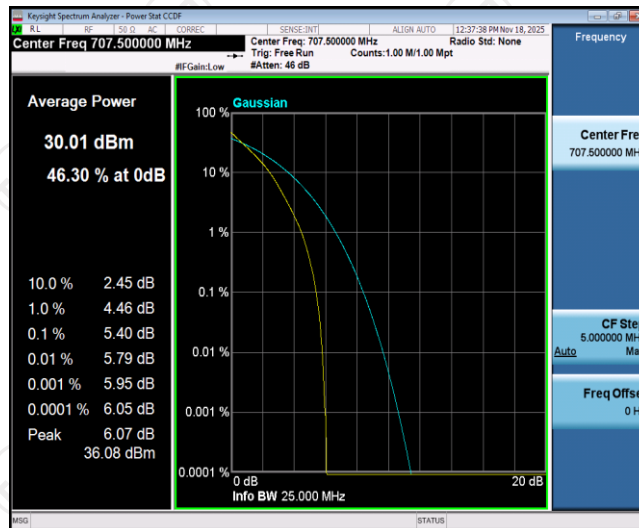
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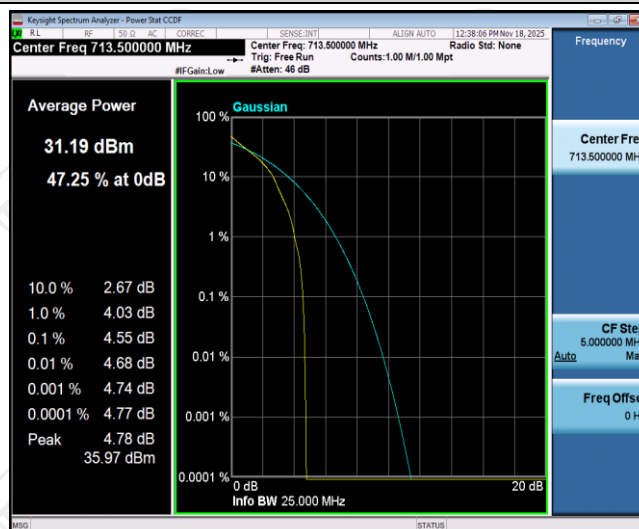
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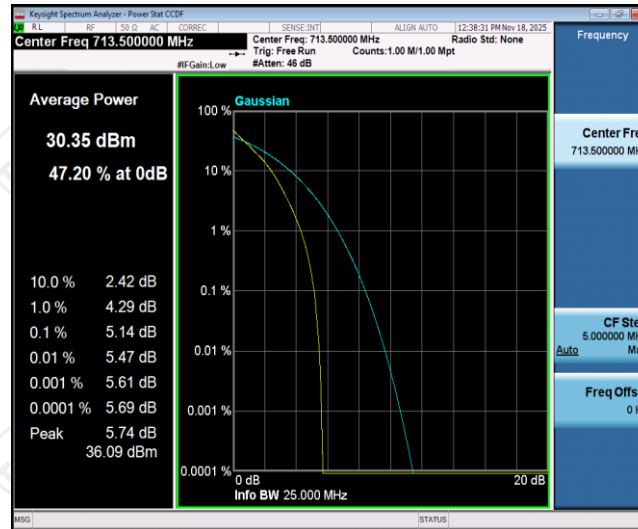
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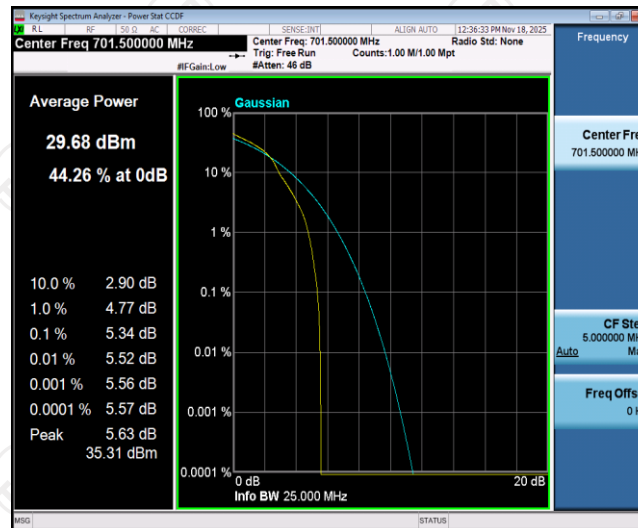
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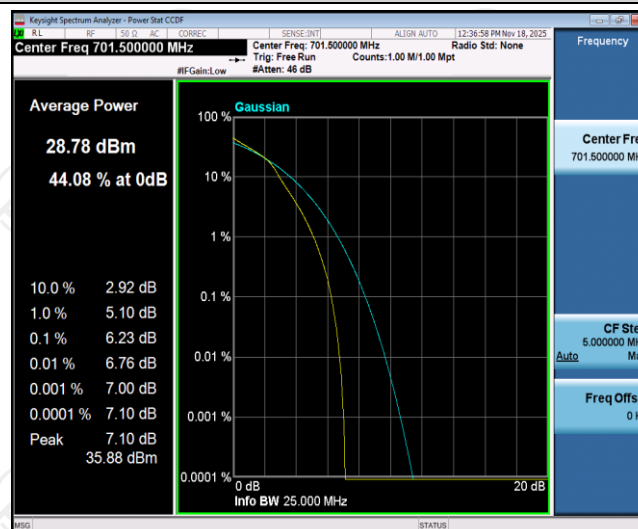
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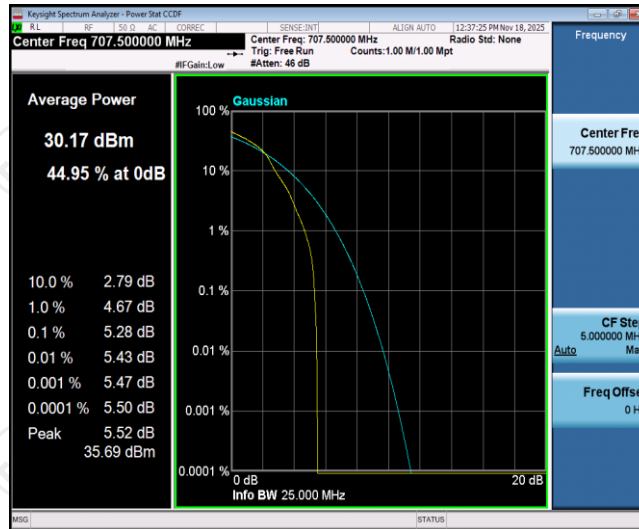
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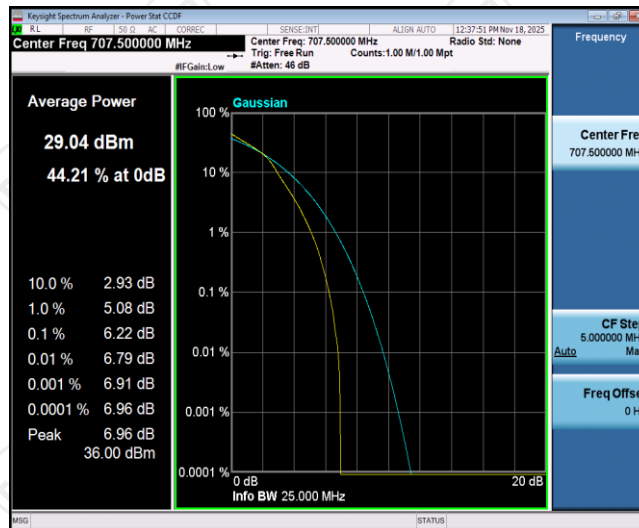
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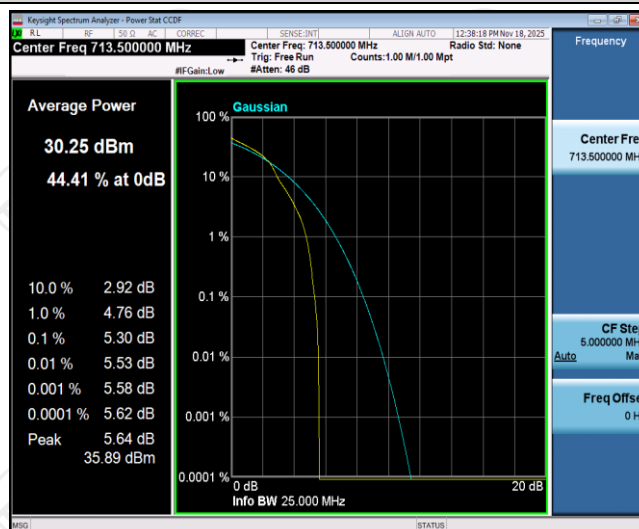
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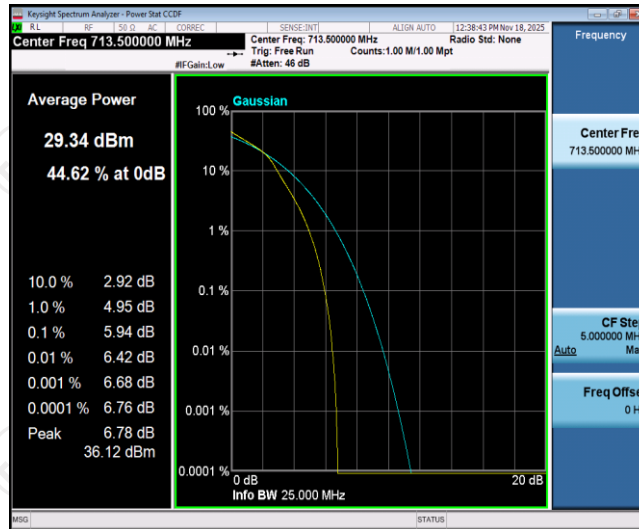
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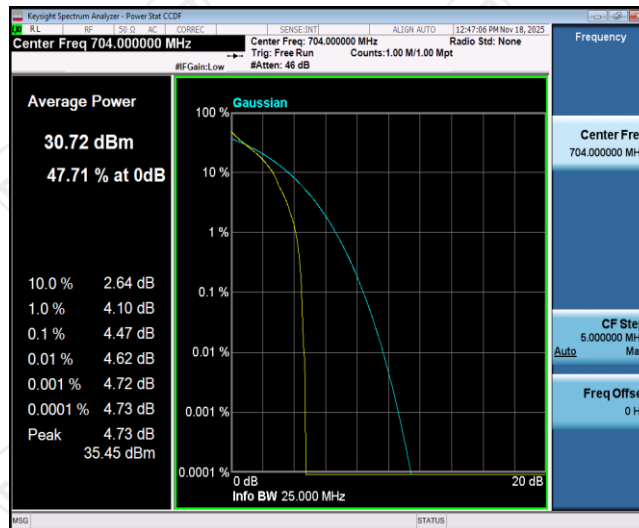
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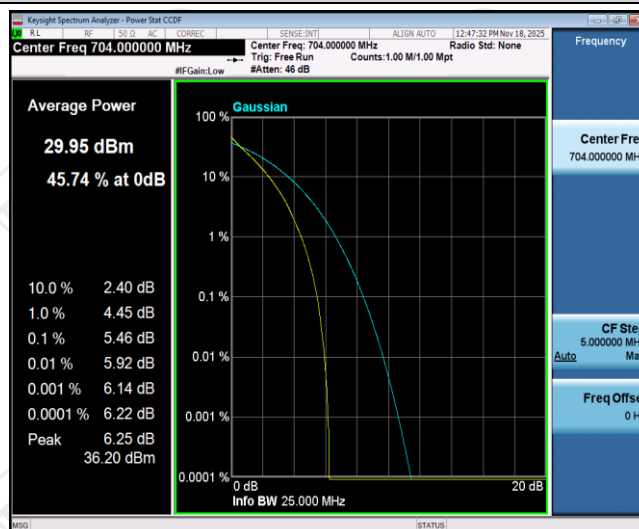
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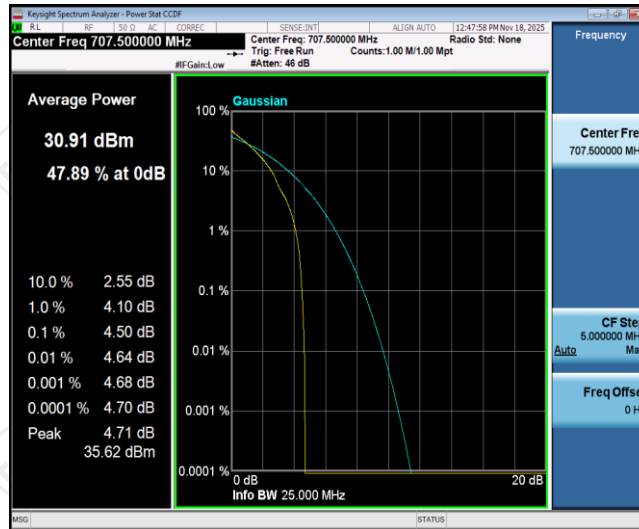
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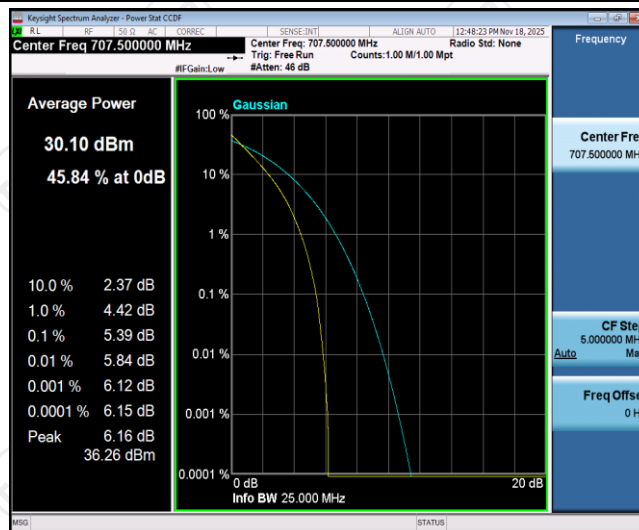
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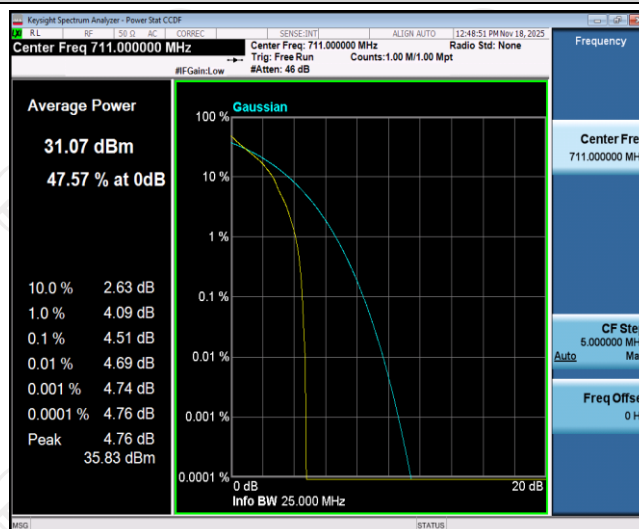
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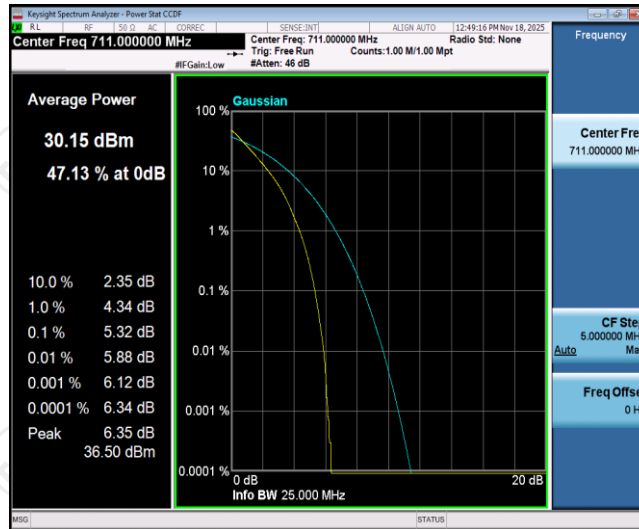
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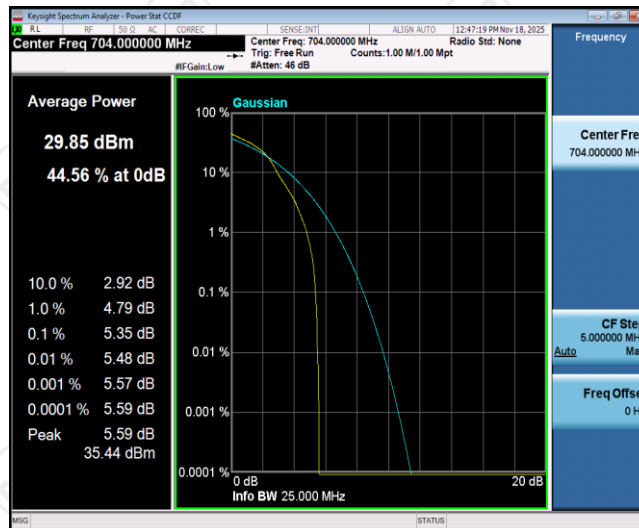
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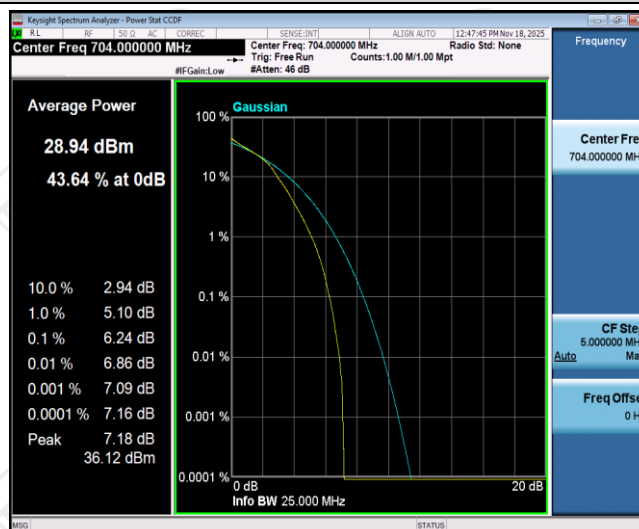
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Band12-10MHz-QPSK-23130-50RB#0



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