

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dBi)	ERP (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.03	1.78	23.66	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.10	1.78	23.73	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.82	1.78	23.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.87	1.78	23.50	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.03	1.78	23.66	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.17	1.78	23.80	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.98	1.78	22.61	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.08	1.78	23.71	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.23	1.78	23.86	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.01	1.78	23.64	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.07	1.78	23.70	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.08	1.78	23.71	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.02	1.78	23.65	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.97	1.78	22.60	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.94	1.78	23.57	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.94	1.78	23.57	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.21	1.78	23.84	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.81	1.78	23.44	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.82	1.78	23.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.82	1.78	23.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.89	1.78	22.52	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.06	1.78	22.69	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.99	1.78	22.62	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.72	1.78	22.35	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.87	1.78	22.50	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.88	1.78	22.51	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.90	1.78	22.53	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.88	1.78	21.51	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.08	1.78	22.71	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.45	1.78	23.08	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.09	1.78	22.72	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	22.89	1.78	22.52	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.88	1.78	22.51	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.98	1.78	22.61	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.05	1.78	21.68	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.09	1.78	22.72	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.47	1.78	23.10	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.45	1.78	23.08	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.79	1.78	22.42	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.78	1.78	22.41	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.76	1.78	22.39	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.10	1.78	21.73	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.85	1.78	23.48	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.94	1.78	23.57	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.71	1.78	23.34	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.90	1.78	22.53	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.88	1.78	22.51	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.87	1.78	22.50	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.89	1.78	22.52	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.07	1.78	23.70	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.20	1.78	23.83	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.21	1.78	23.84	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.01	1.78	22.64	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.86	1.78	22.49	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.91	1.78	22.54	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.86	1.78	22.49	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.90	1.78	23.53	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.99	1.78	23.62	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.22	1.78	23.85	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.02	1.78	22.65	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.03	1.78	22.66	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.04	1.78	22.67	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.95	1.78	22.58	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.85	1.78	22.48	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.37	1.78	23.00	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.58	1.78	22.21	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.00	1.78	21.63	PASS

Band5	3MHz	16QAM	20415	8RB#4	22.08	1.78	21.71	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.87	1.78	21.50	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.01	1.78	21.64	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.23	1.78	22.86	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.00	1.78	22.63	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.22	1.78	22.85	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.89	1.78	21.52	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.01	1.78	21.64	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.06	1.78	21.69	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.91	1.78	21.54	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.93	1.78	22.56	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.34	1.78	22.97	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.36	1.78	22.99	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.06	1.78	21.69	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.19	1.78	21.82	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.05	1.78	21.68	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.94	1.78	21.57	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.89	1.78	23.52	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.79	1.78	23.42	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.69	1.78	23.32	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.84	1.78	22.47	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.89	1.78	22.52	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.79	1.78	22.42	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.82	1.78	22.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.95	1.78	23.58	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.22	1.78	23.85	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.16	1.78	23.79	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.76	1.78	22.39	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.79	1.78	22.42	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.91	1.78	22.54	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.83	1.78	22.46	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.84	1.78	23.47	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.03	1.78	23.66	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.08	1.78	23.71	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.90	1.78	22.53	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.90	1.78	22.53	PASS

Band5	5MHz	QPSK	20625	12RB#13	22.95	1.78	22.58	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.94	1.78	22.57	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.73	1.78	22.36	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.43	1.78	22.06	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.39	1.78	22.02	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.95	1.78	21.58	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.94	1.78	21.57	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.64	1.78	21.27	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.77	1.78	21.40	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.99	1.78	22.62	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.03	1.78	22.66	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.97	1.78	22.60	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.87	1.78	21.50	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.89	1.78	21.52	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.99	1.78	21.62	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.64	1.78	21.27	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.07	1.78	22.70	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.36	1.78	22.99	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.20	1.78	22.83	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.78	1.78	21.41	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.73	1.78	21.36	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.73	1.78	21.36	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.04	1.78	21.67	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.78	1.78	23.41	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.88	1.78	23.51	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.80	1.78	23.43	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.77	1.78	22.40	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.89	1.78	22.52	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.84	1.78	22.47	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.86	1.78	22.49	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.88	1.78	23.51	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.28	1.78	23.91	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.98	1.78	23.61	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.83	1.78	22.46	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.85	1.78	22.48	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.01	1.78	22.64	PASS

Band5	10MHz	QPSK	20525	50RB#0	22.96	1.78	22.59	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.93	1.78	23.56	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.15	1.78	23.78	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.87	1.78	23.50	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.00	1.78	22.63	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.98	1.78	22.61	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.08	1.78	22.71	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.90	1.78	22.53	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.94	1.78	22.57	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.40	1.78	23.03	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.86	1.78	22.49	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.76	1.78	21.39	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.68	1.78	21.31	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.89	1.78	21.52	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.85	1.78	21.48	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.10	1.78	22.73	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.99	1.78	22.62	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.81	1.78	22.44	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.89	1.78	21.52	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.01	1.78	21.64	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.06	1.78	21.69	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.91	1.78	21.54	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.96	1.78	22.59	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.46	1.78	23.09	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.36	1.78	22.99	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.83	1.78	21.46	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.90	1.78	21.53	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.19	1.78	21.82	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.84	1.78	21.47	PASS

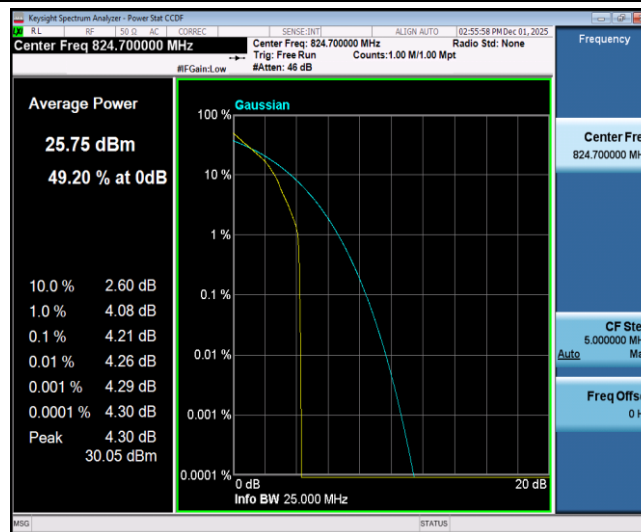
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

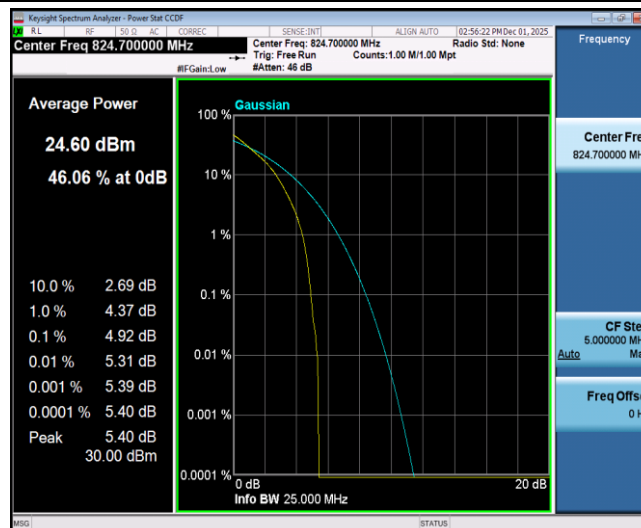
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.21	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	4.92	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.46	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.11	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.95	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.71	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.17	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.73	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.31	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.04	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.86	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.55	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.29	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.94	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.52	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.16	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.03	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.85	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.23	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.84	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.38	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.06	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.94	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.70	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.33	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.95	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.41	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.14	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.87	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.83	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.29	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.87	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.42	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.98	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.90	13	PASS

Band5	5MHz	16QAM	20625	25RB#0	5.68	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.28	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	4.95	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.12	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.14	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.30	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.90	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.22	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.86	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.12	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.97	13	PASS
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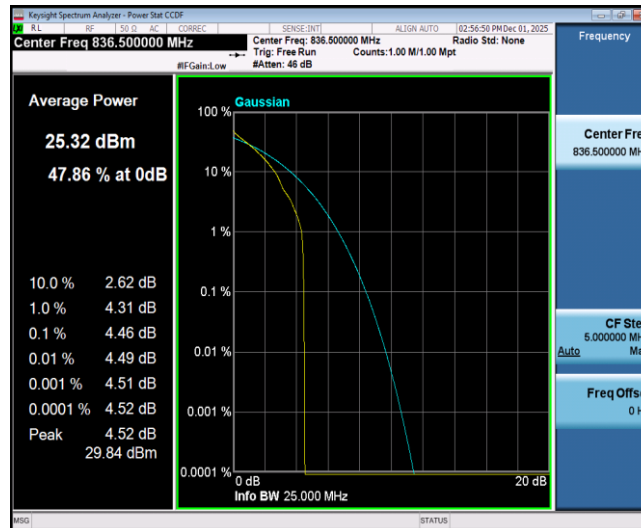
Test Graphs



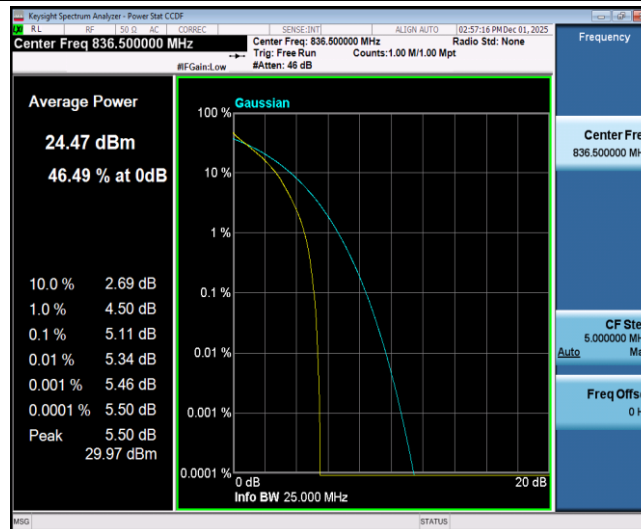
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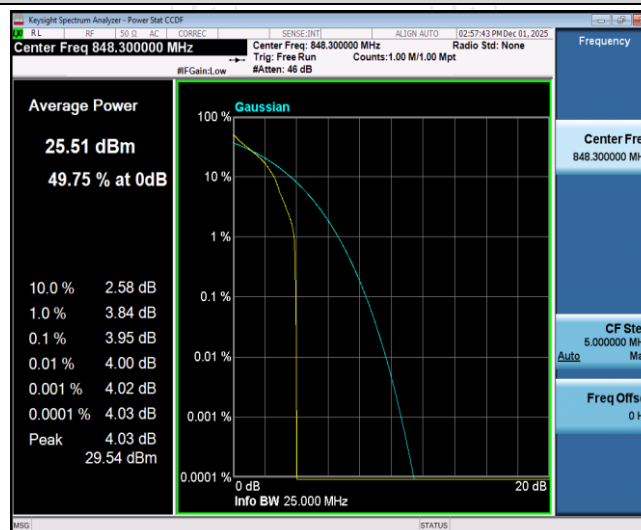
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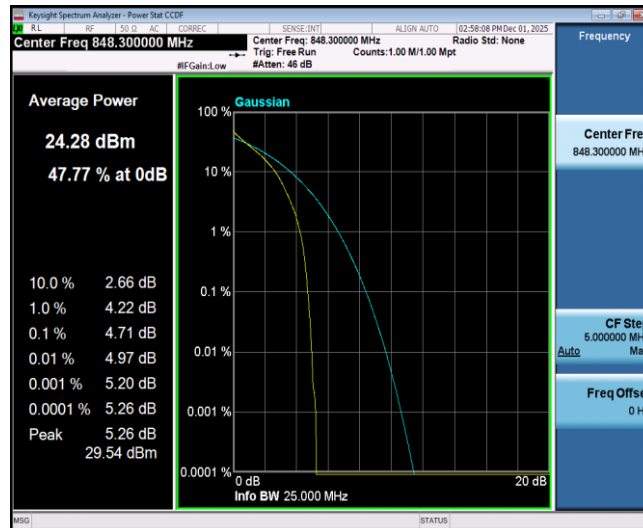
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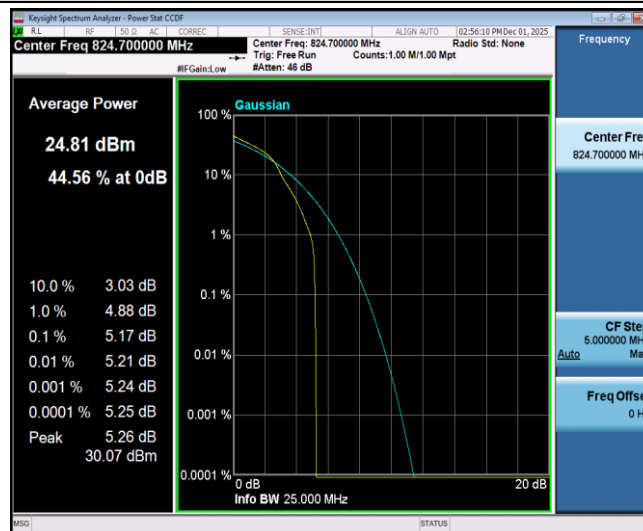
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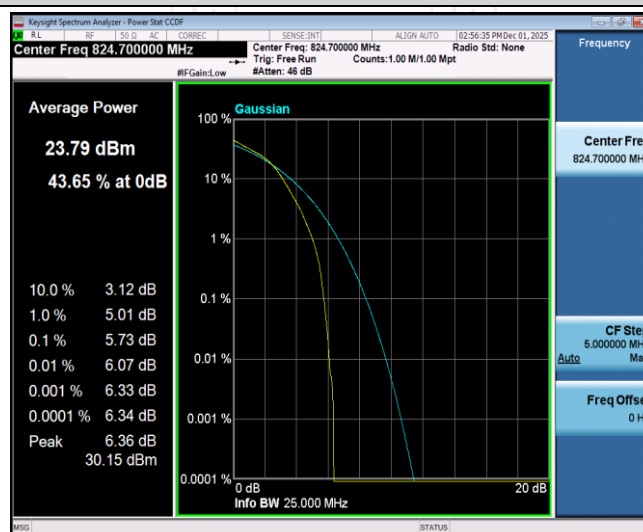
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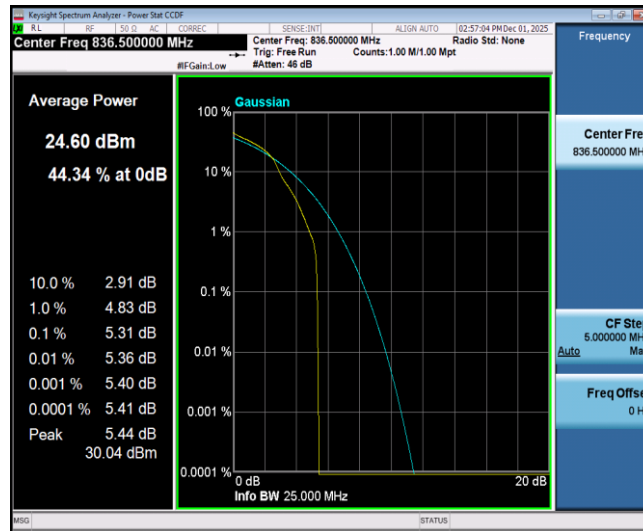
Band5-1.4MHz-QPSK-20643-6RB#0



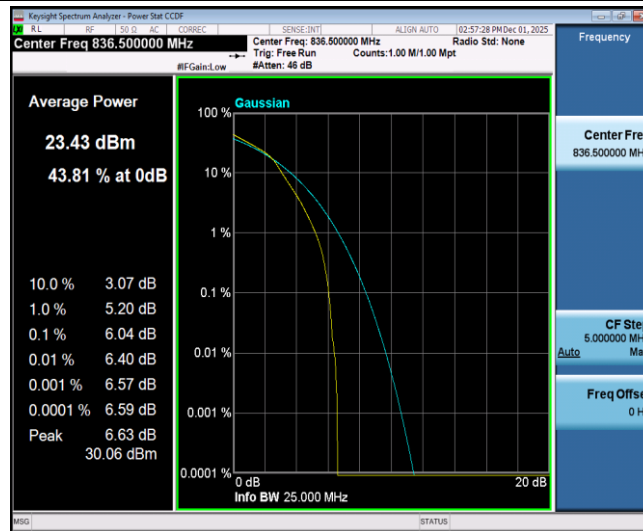
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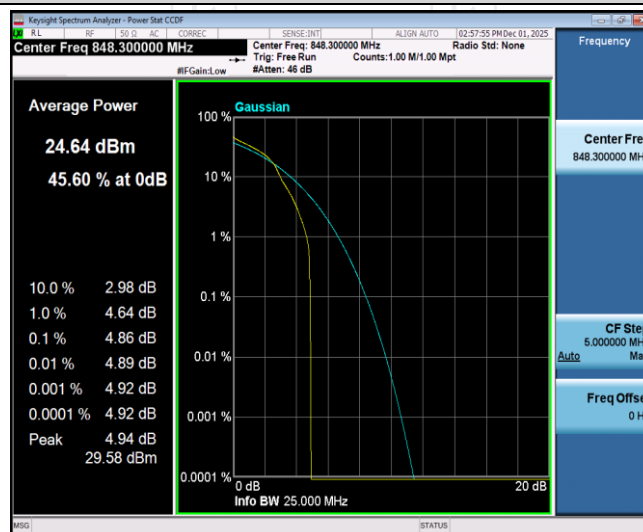
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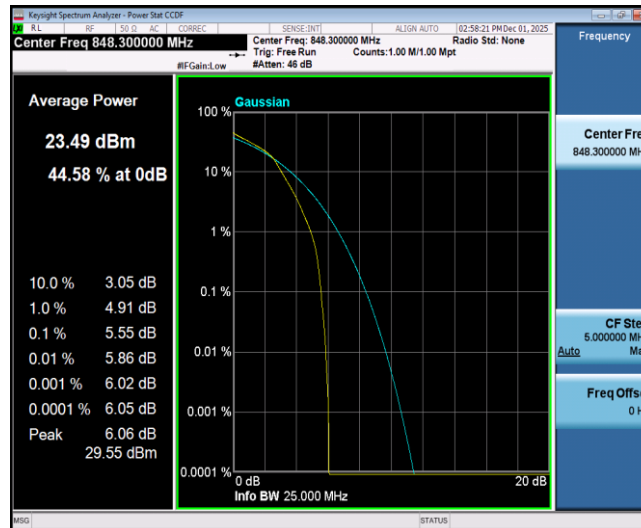
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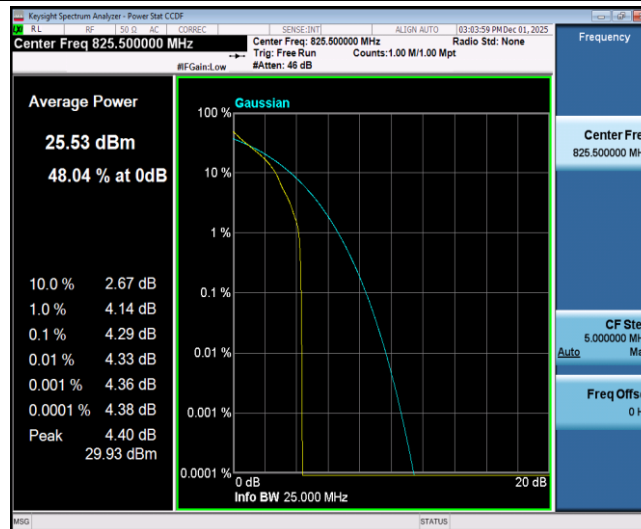
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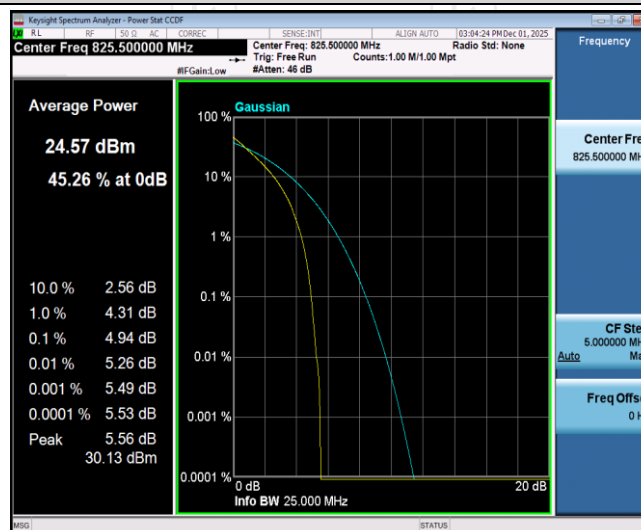
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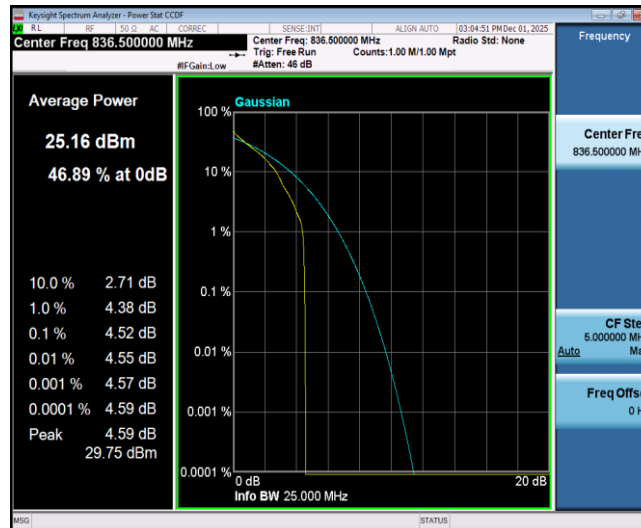
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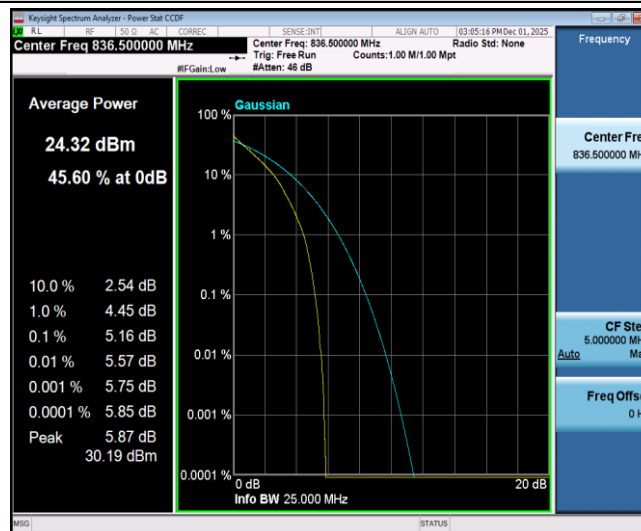
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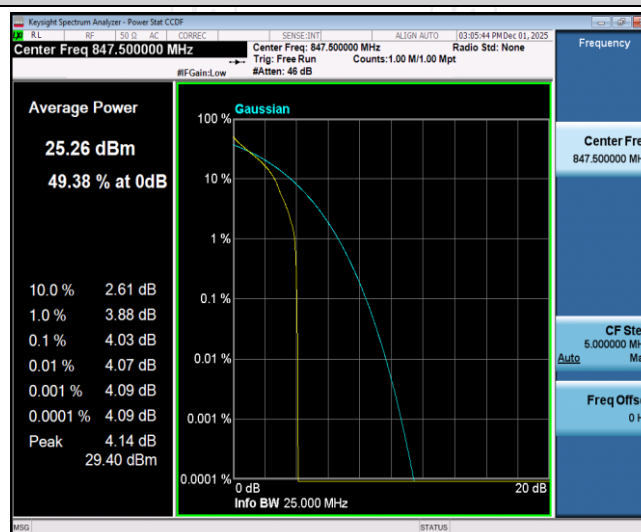
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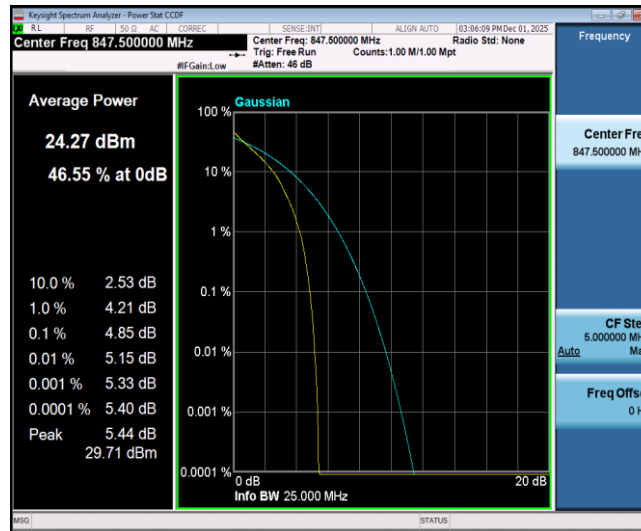
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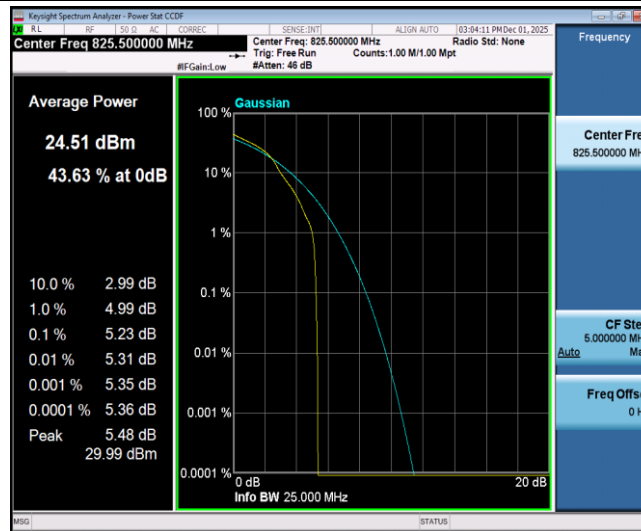
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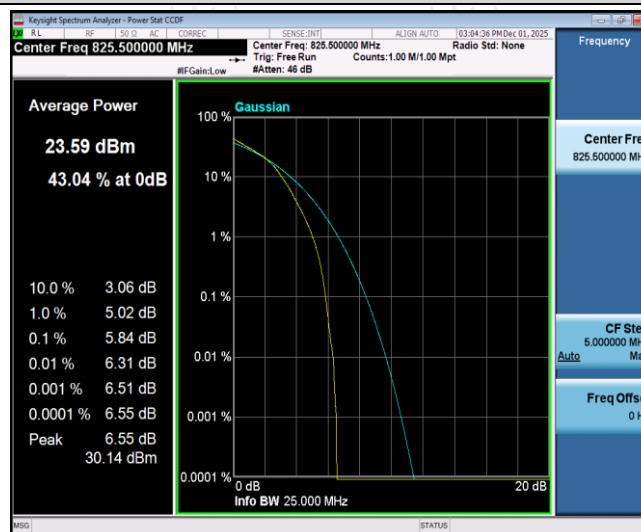
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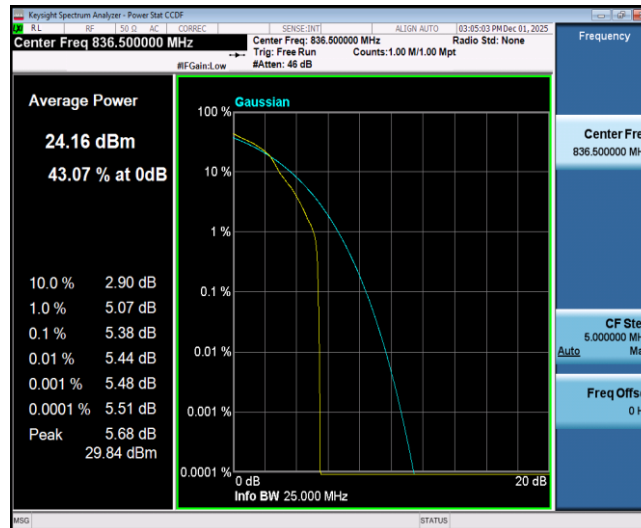
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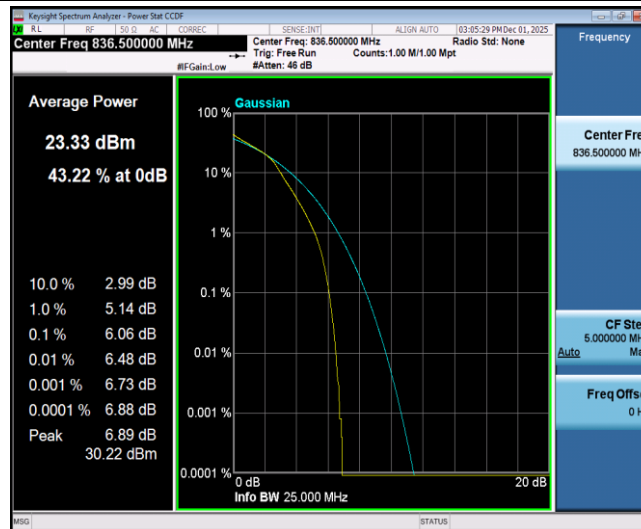
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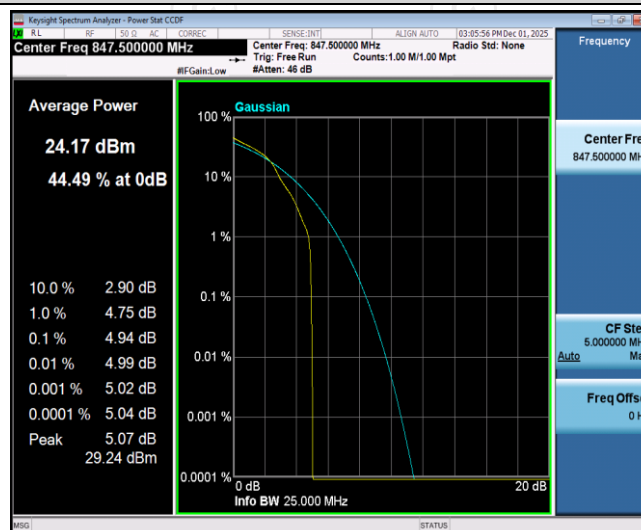
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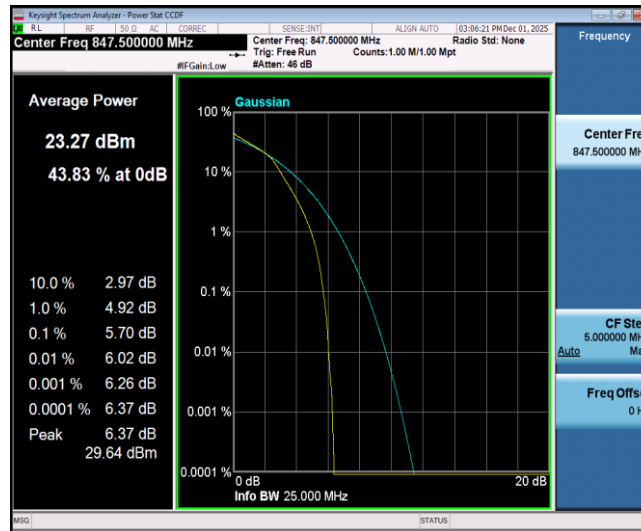
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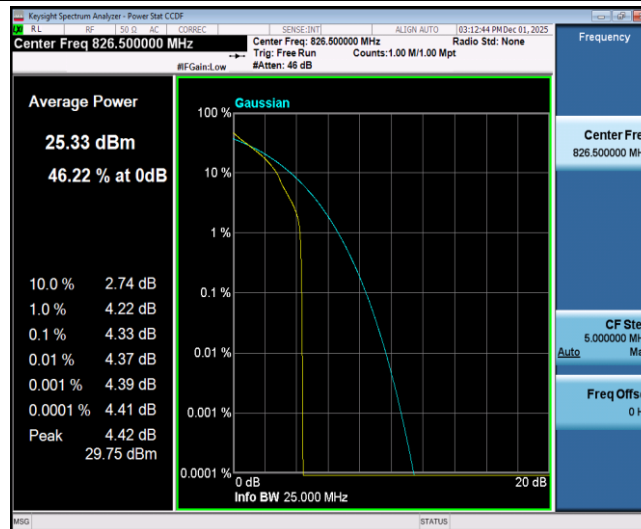
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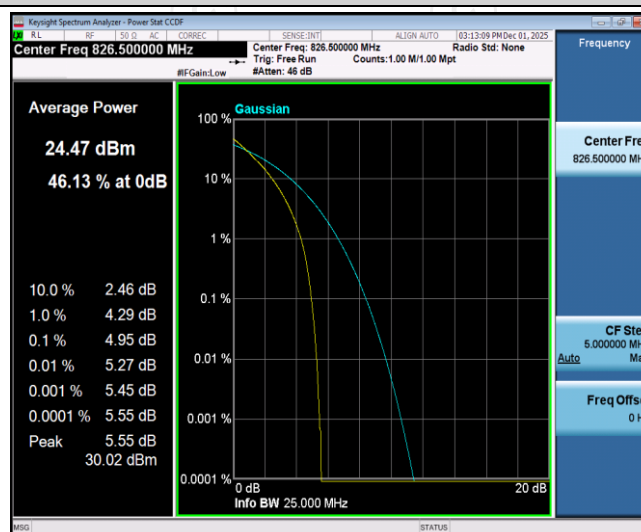
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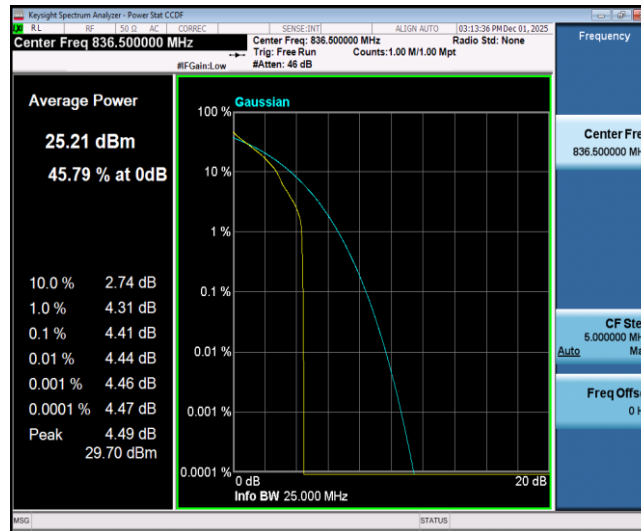
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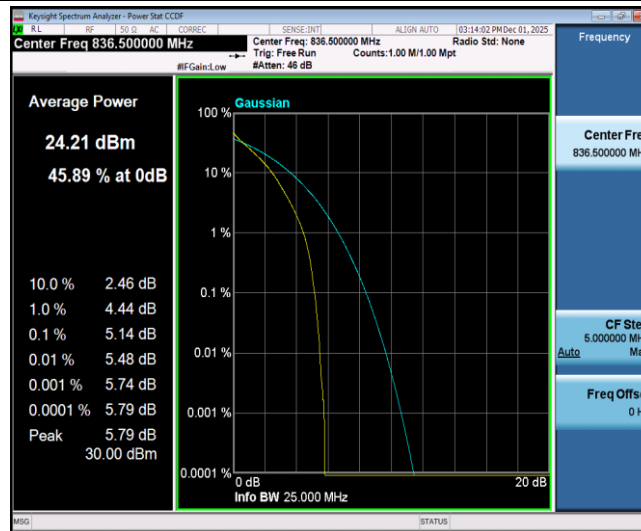
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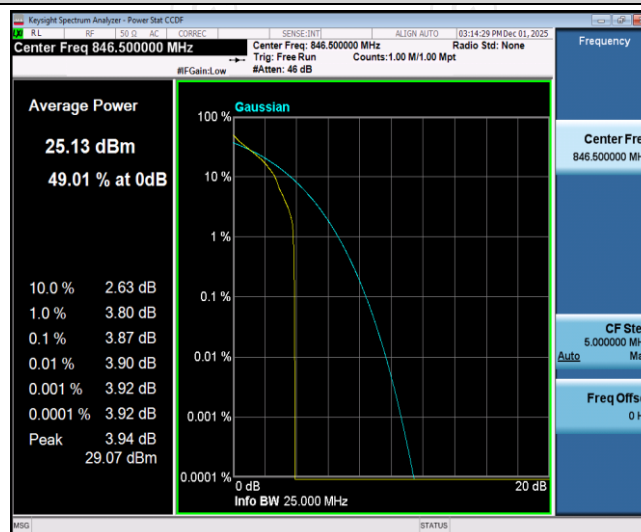
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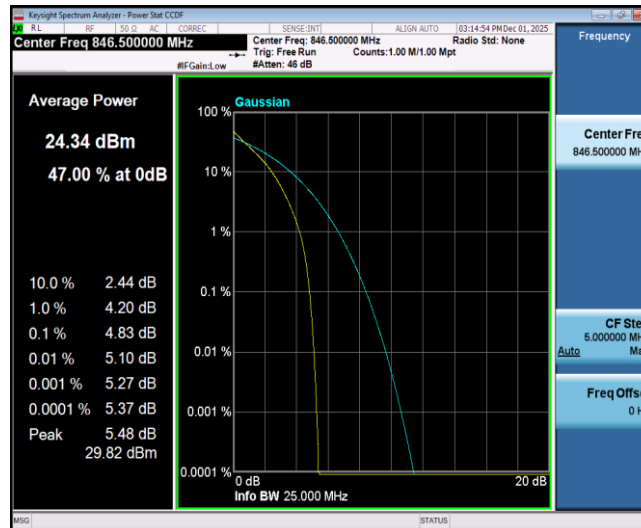
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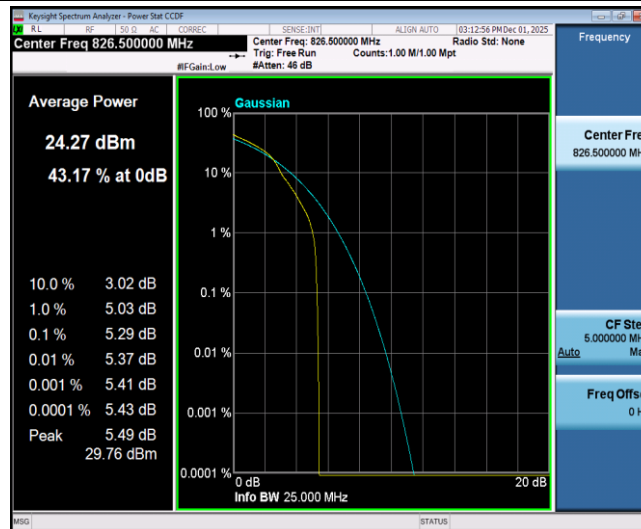
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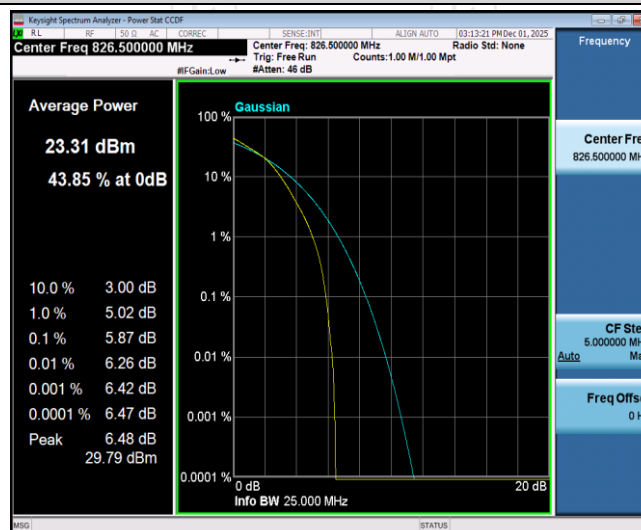
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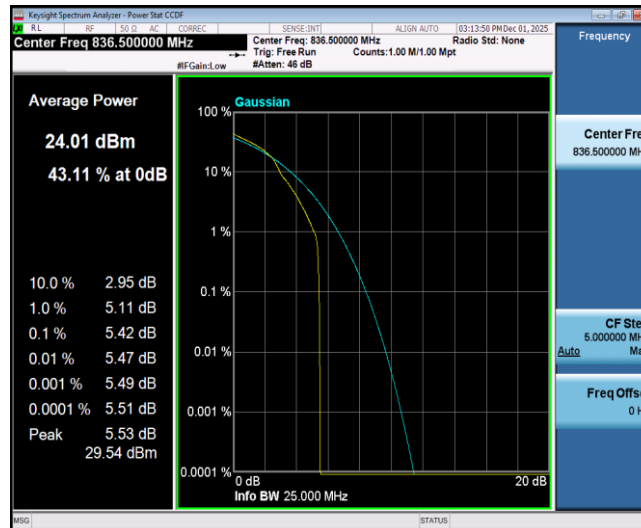
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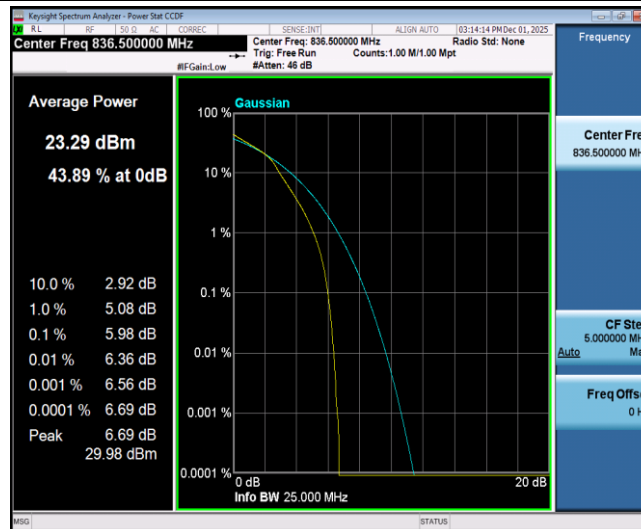
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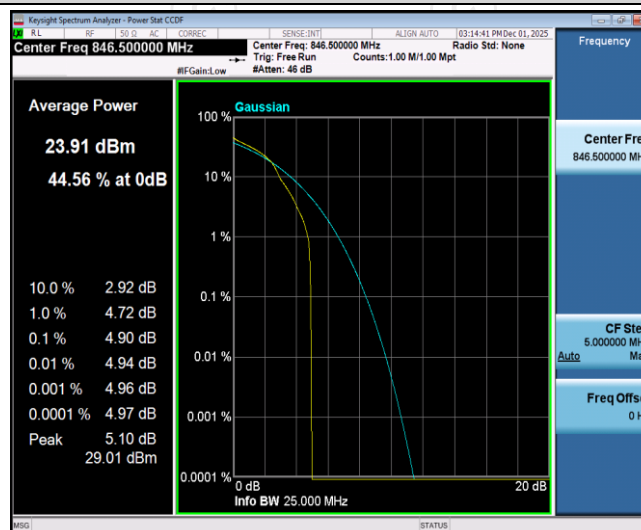
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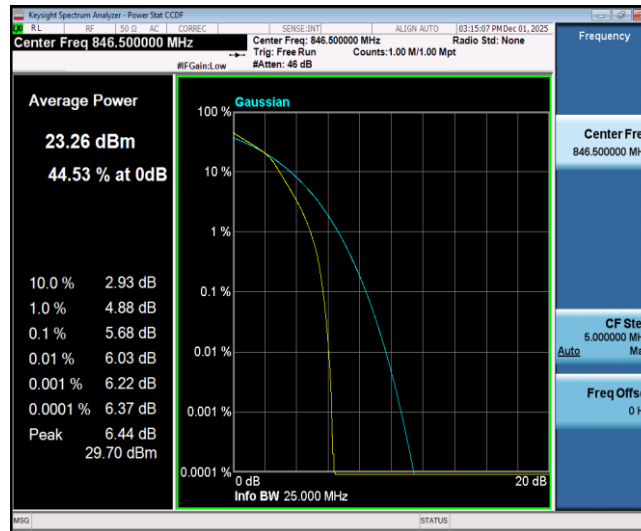
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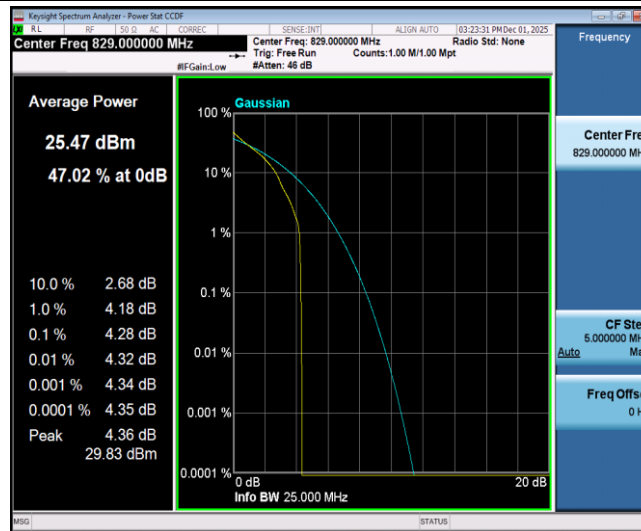
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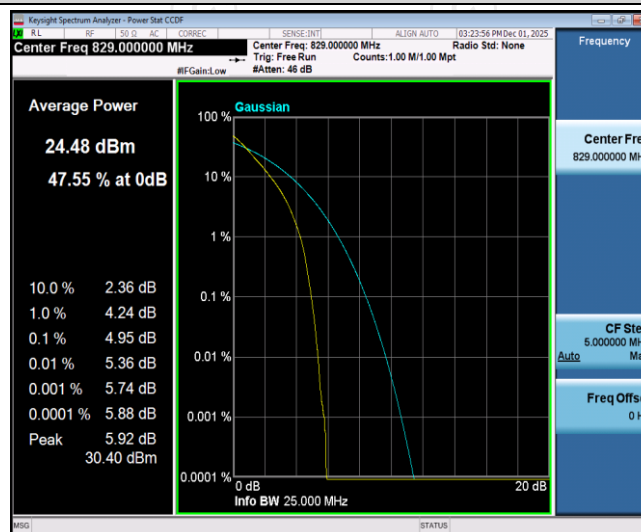
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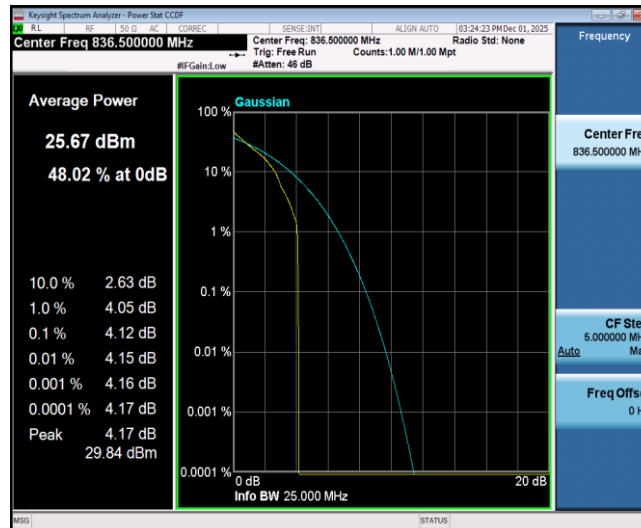
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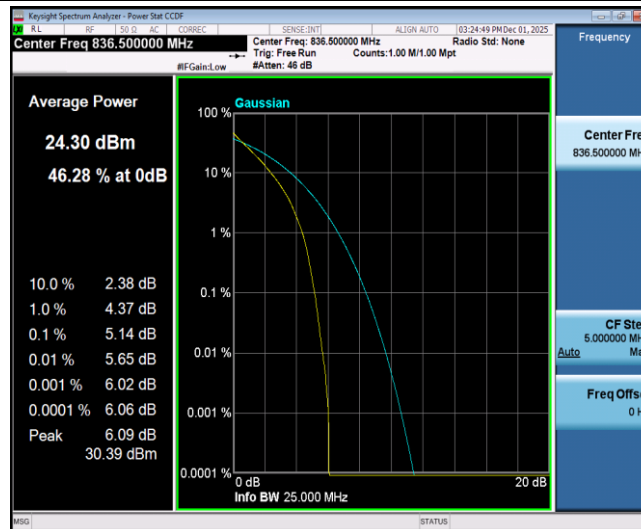
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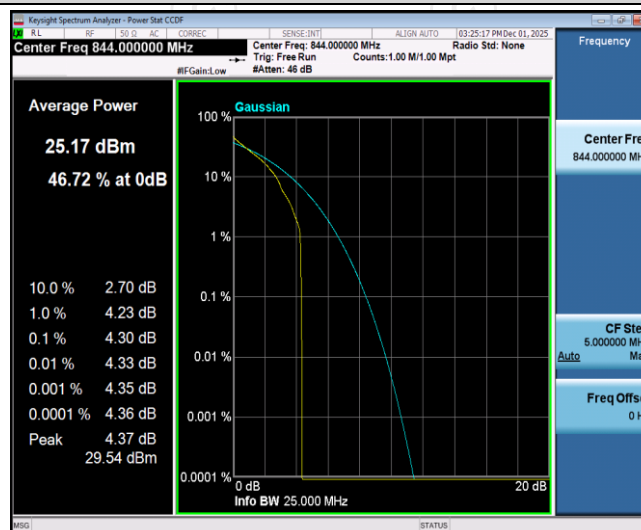
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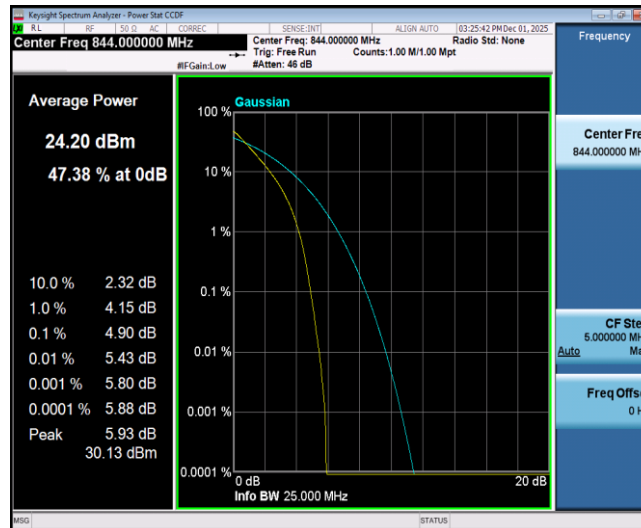
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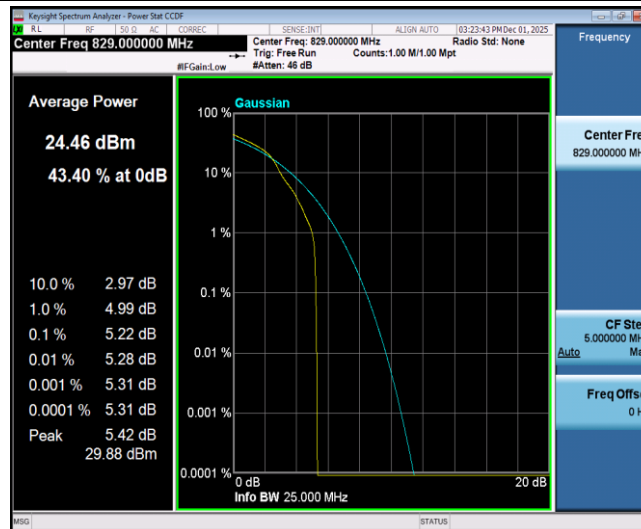
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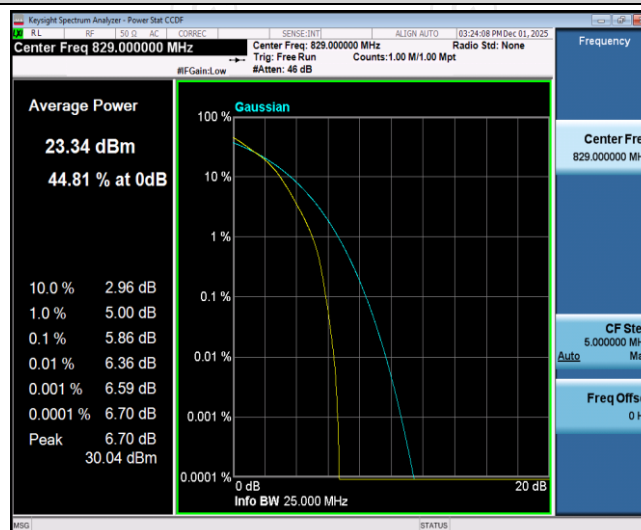
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Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-1RB#0



Band5-10MHz-16QAM-20450-50RB#0