

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.97	24.42	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.02	24.47	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.96	24.41	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.02	24.47	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.00	24.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.01	24.46	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.97	23.42	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.98	24.43	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.02	24.47	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.16	24.61	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.99	24.44	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.01	24.46	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.12	24.57	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.10	23.55	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.94	24.39	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.90	24.35	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.70	24.15	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.96	24.41	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.98	24.43	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.72	24.17	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.90	23.35	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.50	23.95	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.08	23.53	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.08	23.53	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.73	23.18	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.72	23.17	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.71	23.16	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.00	22.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	24.04	24.49	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	24.09	24.54	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.44	23.89	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	22.94	23.39	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.95	23.4	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.03	23.48	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.21	22.66	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.91	24.36	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.69	24.14	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.53	23.98	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.71	23.16	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.66	23.11	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.68	23.13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.09	22.54	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.00	24.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.92	24.37	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.87	24.32	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.09	23.54	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.99	23.44	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.03	23.48	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.94	23.39	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.99	24.44	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.91	24.36	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.11	24.56	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.11	23.56	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.96	23.41	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.06	23.51	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.13	23.58	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.13	24.58	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.98	24.43	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.78	24.23	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.14	23.59	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.12	23.57	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.95	23.4	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.94	23.39	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.48	23.93	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.51	23.96	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.37	23.82	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.20	22.65	PASS

Band5	3MHz	16QAM	20415	8RB#4	22.08	22.53	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.12	22.57	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.93	22.38	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.46	23.91	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.14	23.59	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.22	23.67	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.17	22.62	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.20	22.65	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.26	22.71	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.02	22.47	PASS
Band5	3MHz	16QAM	20635	1RB#0	24.20	24.65	PASS
Band5	3MHz	16QAM	20635	1RB#8	24.06	24.51	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.53	23.98	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.25	22.7	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.27	22.72	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.19	22.64	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.16	22.61	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.08	24.53	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.01	24.46	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.88	24.33	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.99	23.44	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.01	23.46	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.98	23.43	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.98	23.43	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.04	24.49	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.09	24.54	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.13	24.58	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.06	23.51	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.08	23.53	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.11	23.56	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.07	23.52	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.23	24.68	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.17	24.62	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.92	24.37	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.24	23.69	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.17	23.62	PASS

Band5	5MHz	QPSK	20625	12RB#13	23.10	23.55	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.07	23.52	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.83	23.28	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.72	23.17	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.77	23.22	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.98	22.43	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.01	22.46	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.92	22.37	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.07	22.52	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.35	23.8	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.49	23.94	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.77	24.22	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.19	22.64	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.19	22.64	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.22	22.67	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.10	22.55	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.56	24.01	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.51	23.96	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.31	23.76	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.18	22.63	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.19	22.64	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.12	22.57	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.19	22.64	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.90	24.35	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.87	24.32	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.94	24.39	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.02	23.47	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.92	23.37	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.02	23.47	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.91	23.36	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.95	24.4	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.06	24.51	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.11	24.56	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.04	23.49	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.02	23.47	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.10	23.55	PASS

Band5	10MHz	QPSK	20525	50RB#0	23.09	23.54	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.29	24.74	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.34	24.79	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.94	24.39	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.20	23.65	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.03	23.48	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.12	23.57	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.02	23.47	PASS

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

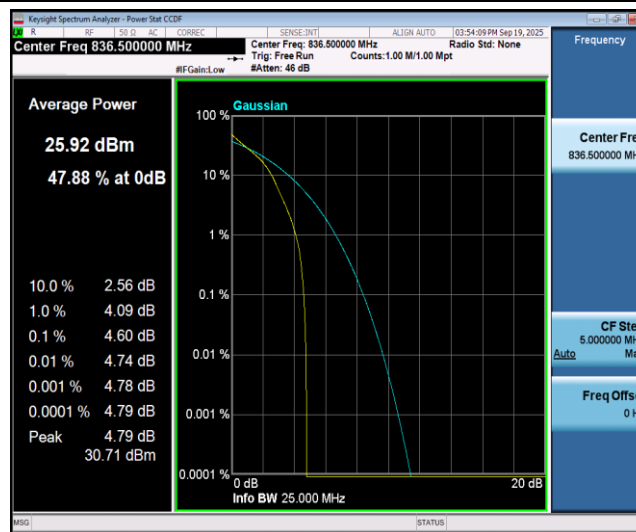
Test Result

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	4.99	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.60	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.18	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.46	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.20	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	4.33	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.72	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	4.67	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.96	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.55	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.14	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.28	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.14	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.60	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.25	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.94	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.71	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	4.84	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.97	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.28	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.01	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.58	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.67	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.33	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.12	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.75	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.25	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.15	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.98	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.31	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.91	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.59	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.98	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.42	13	PASS

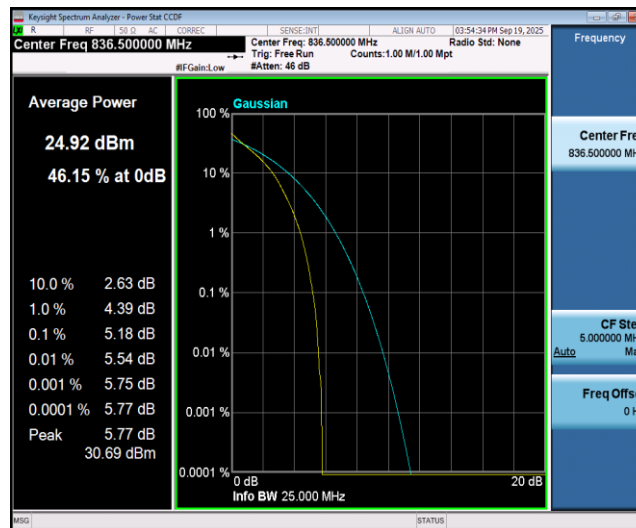
Band5	5MHz	16QAM	20625	25RB#0	5.77	13	PASS
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Band5	10MHz	QPSK	20450	50RB#0	5.31	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.72	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.34	13	PASS
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Band5	10MHz	QPSK	20600	50RB#0	5.27	13	PASS

Test Graphs





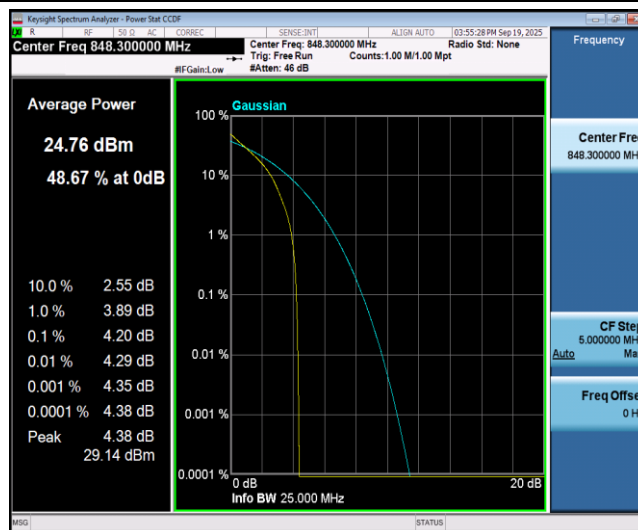
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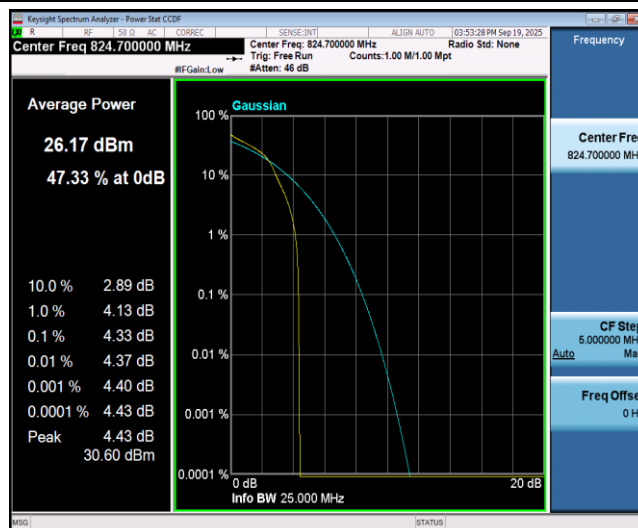
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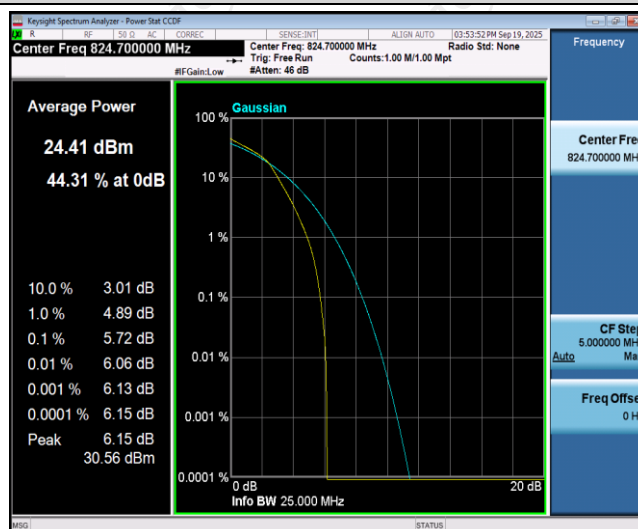
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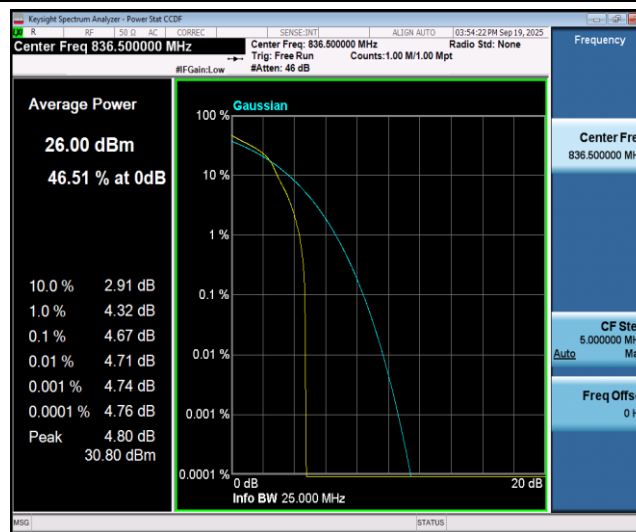
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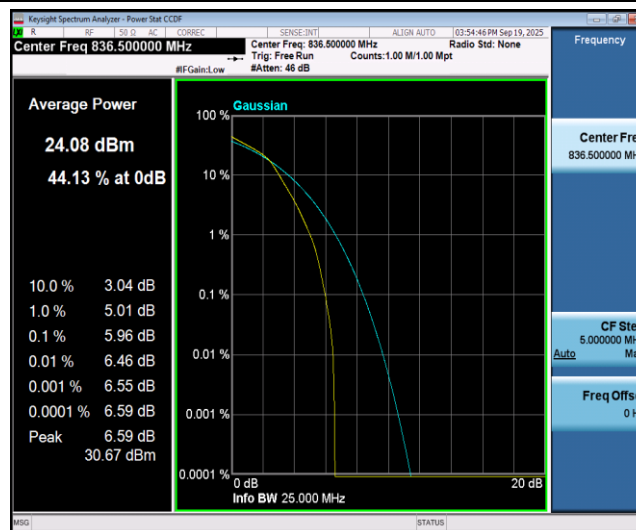
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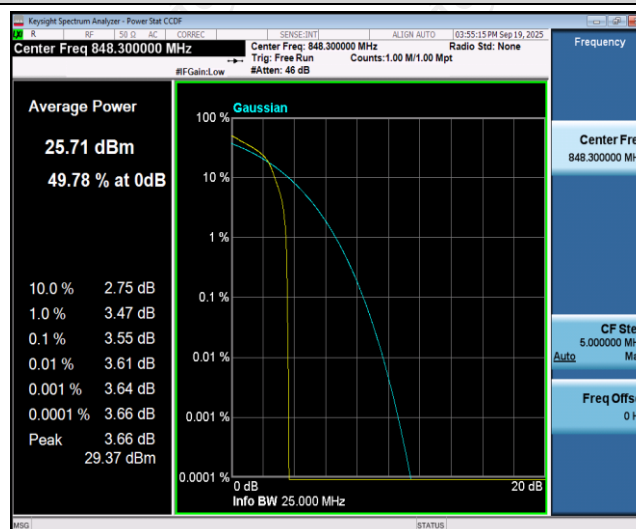
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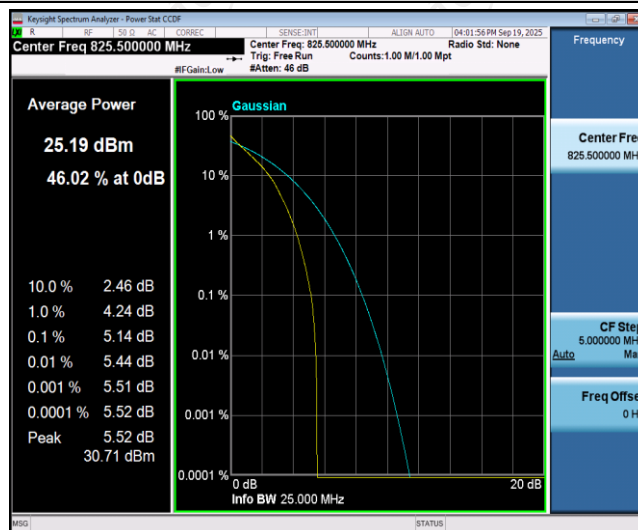
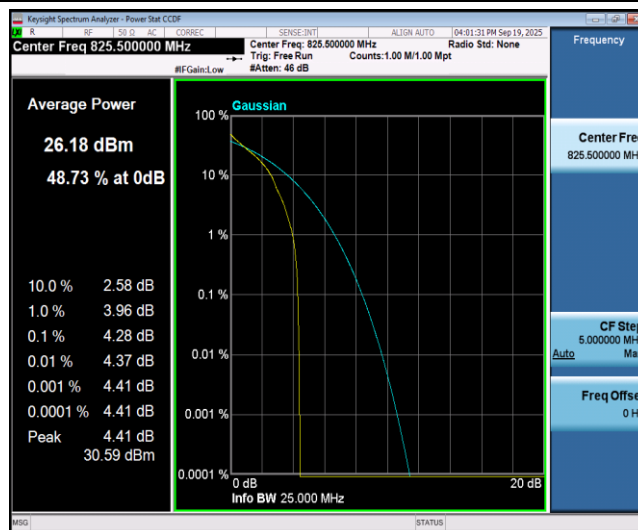
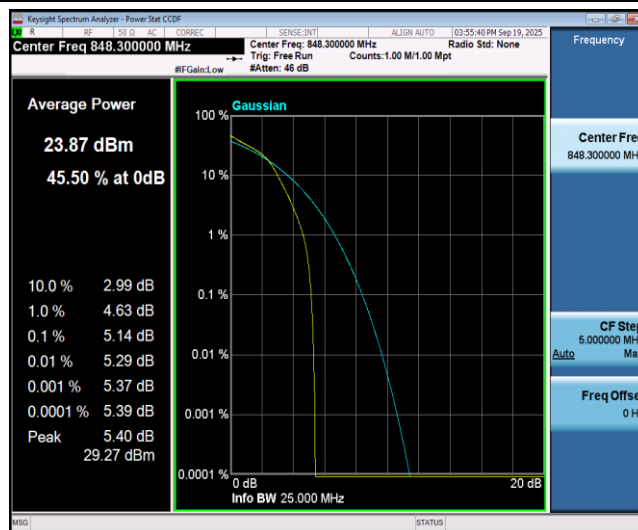
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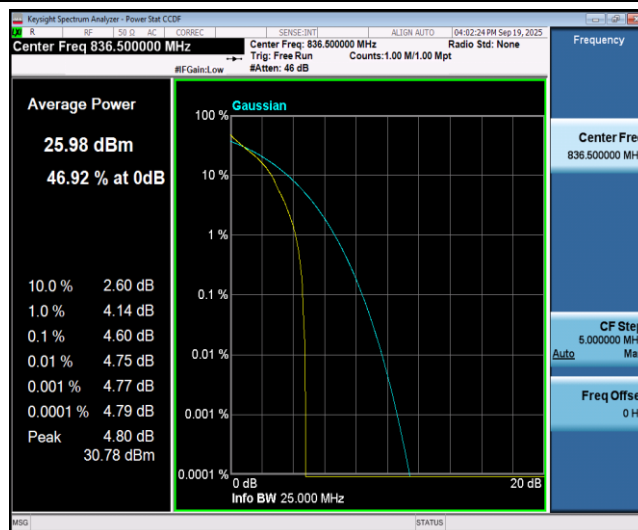


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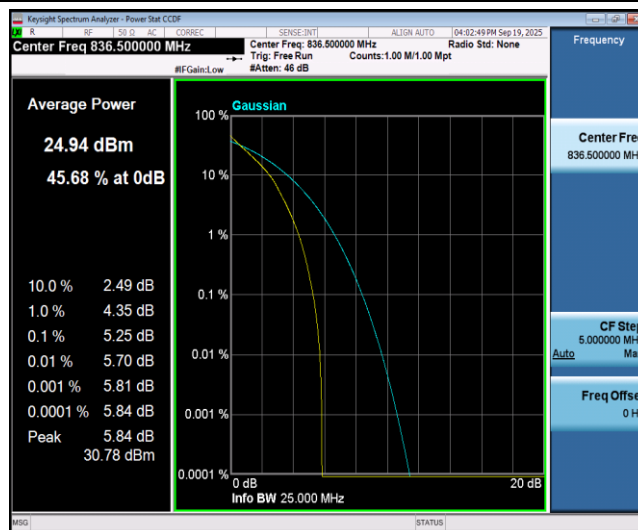


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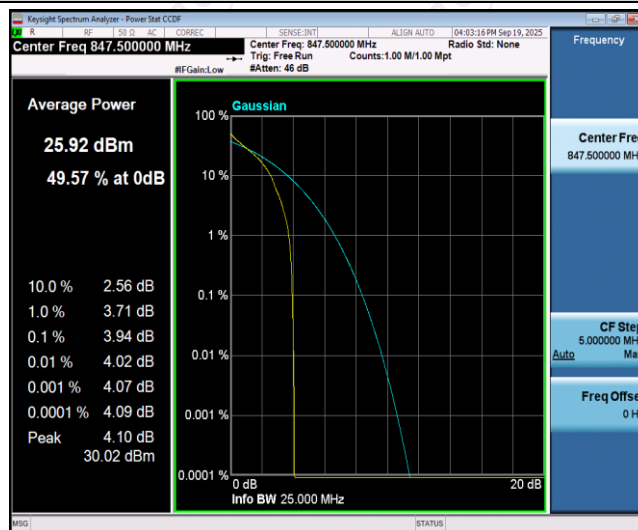




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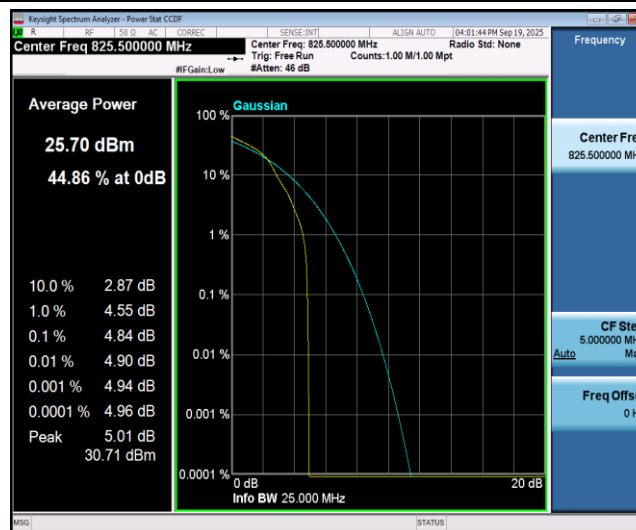
Band5-3MHz-QPSK-20525-15RB#0



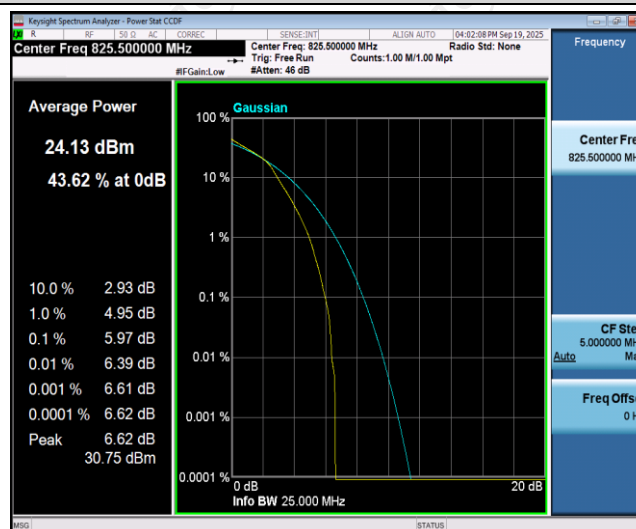
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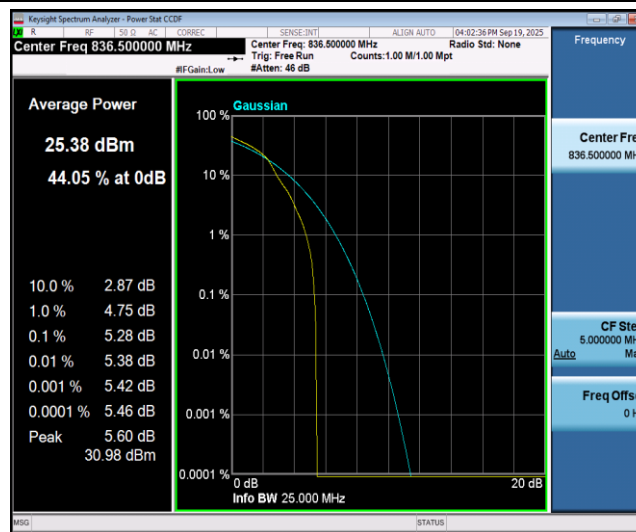
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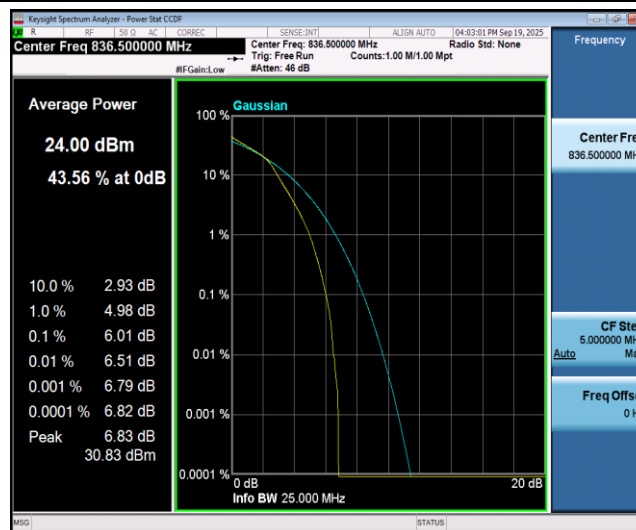
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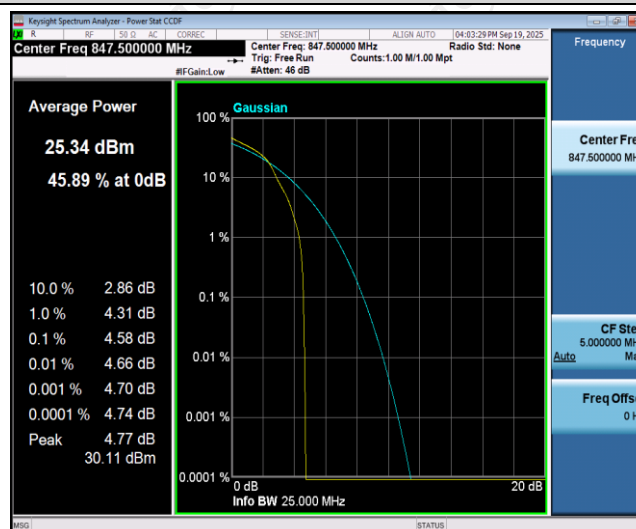
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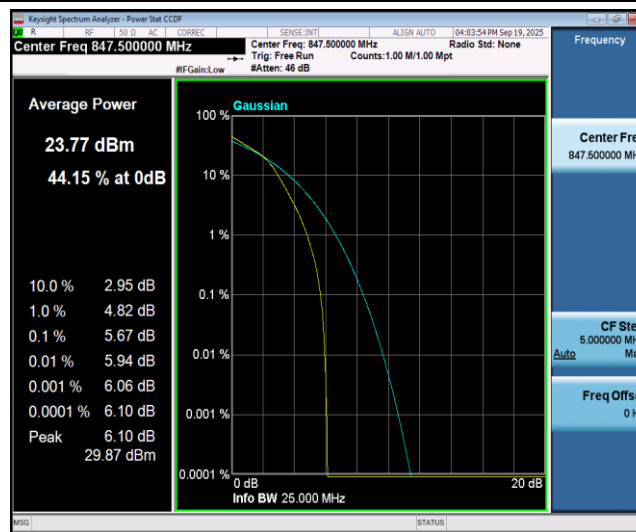
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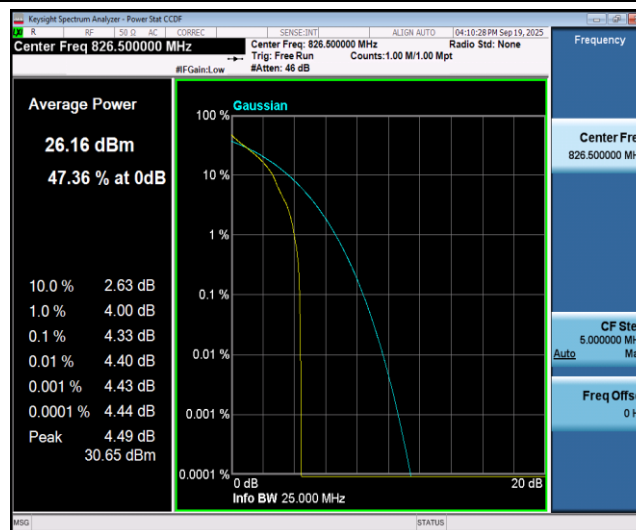
Band5-3MHz-16QAM-20525-15RB#0



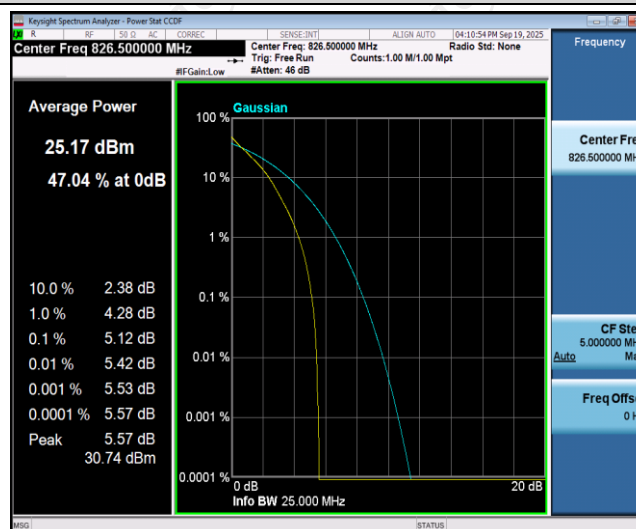
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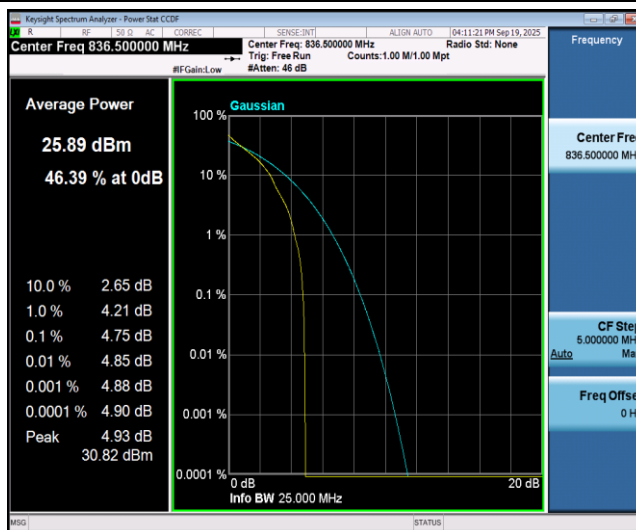
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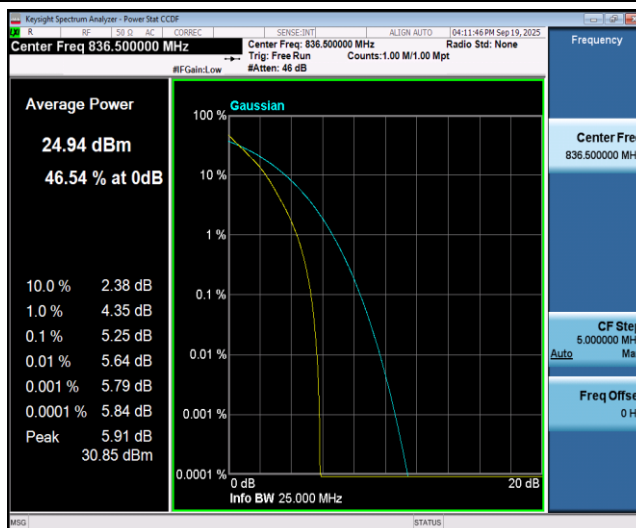
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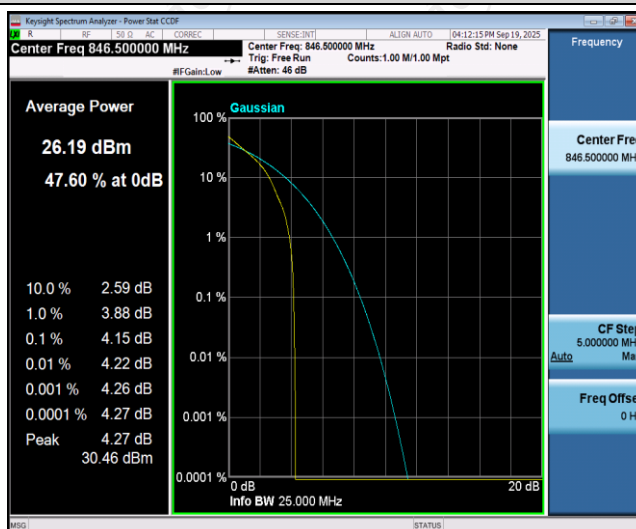
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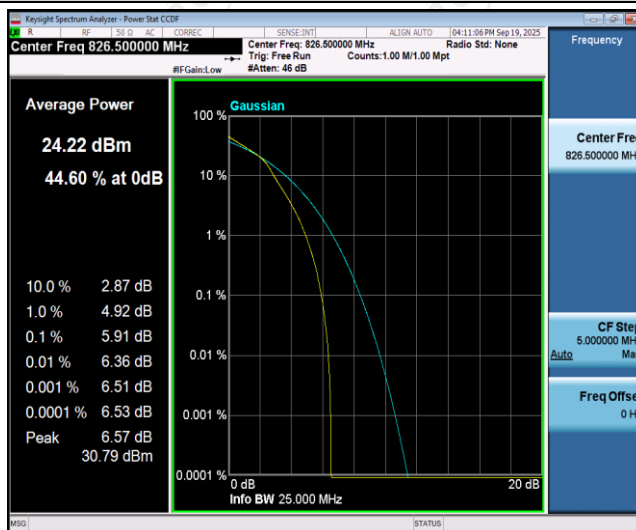
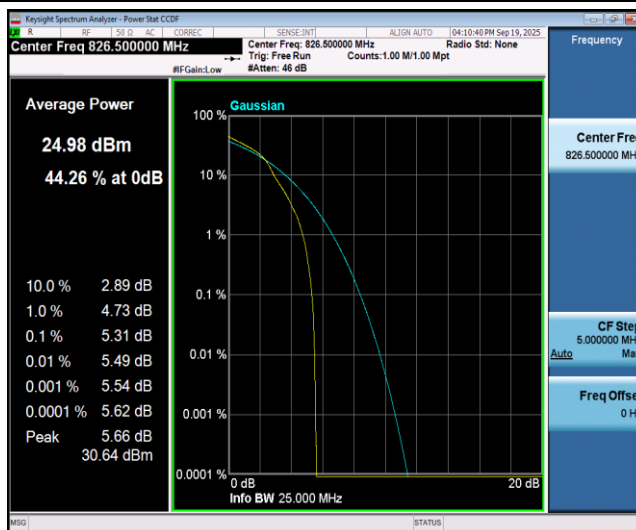
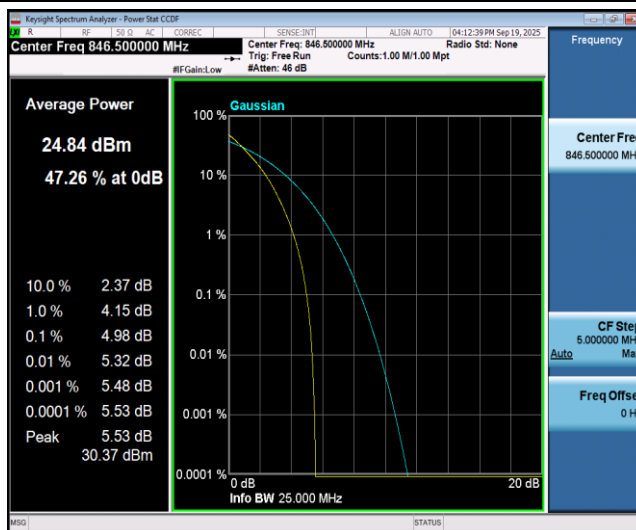
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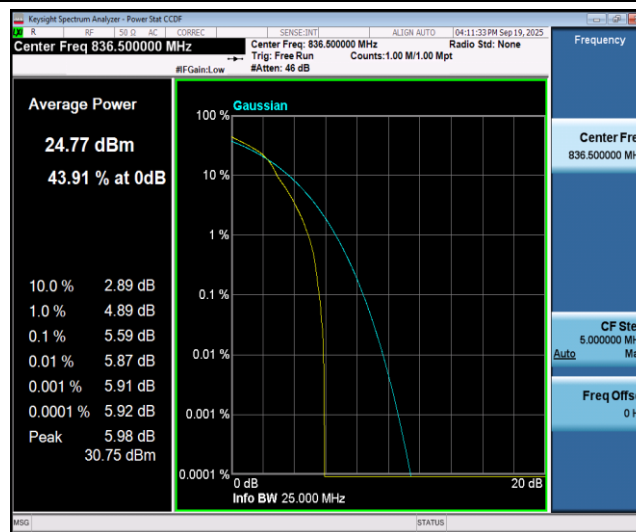


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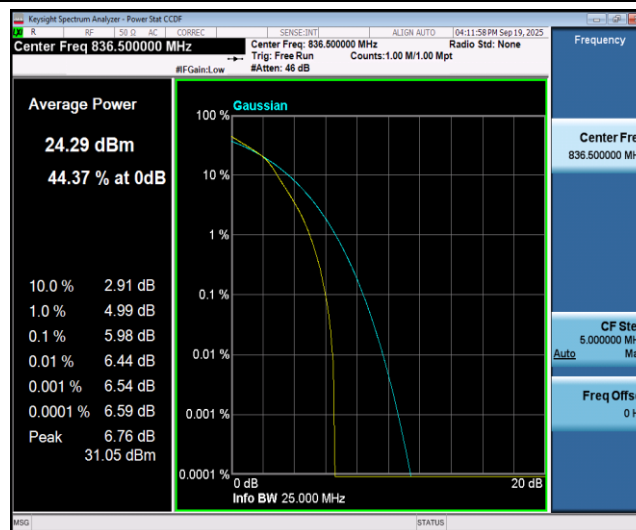


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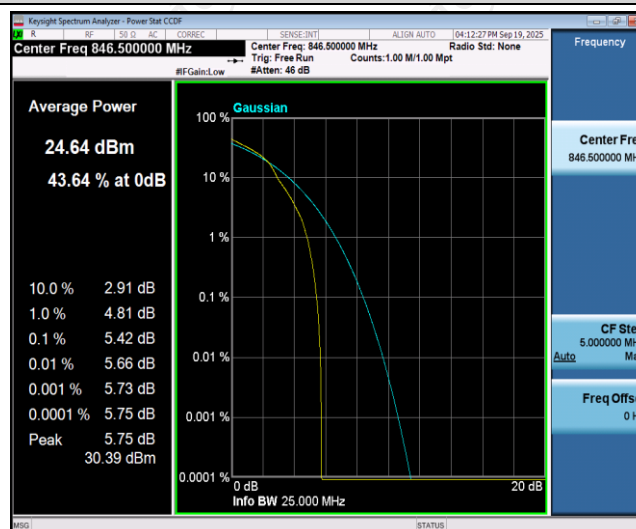




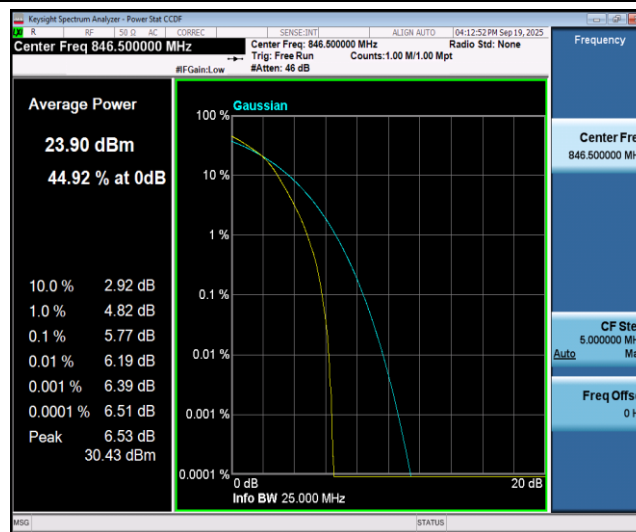
Band5-5MHz-16QAM-20525-1RB#0



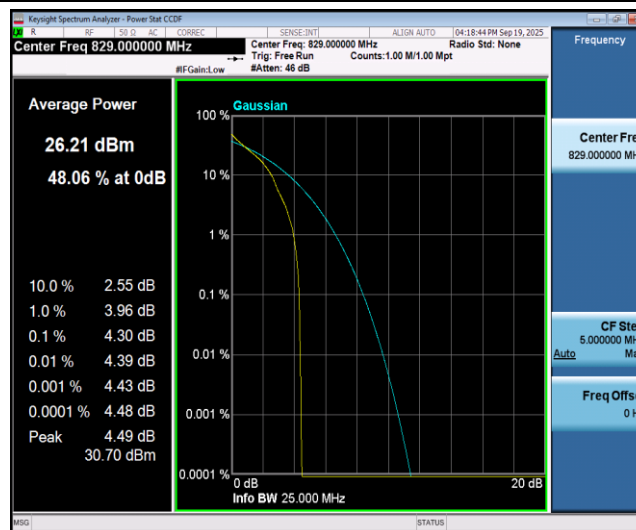
Band5-5MHz-16QAM-20525-25RB#0



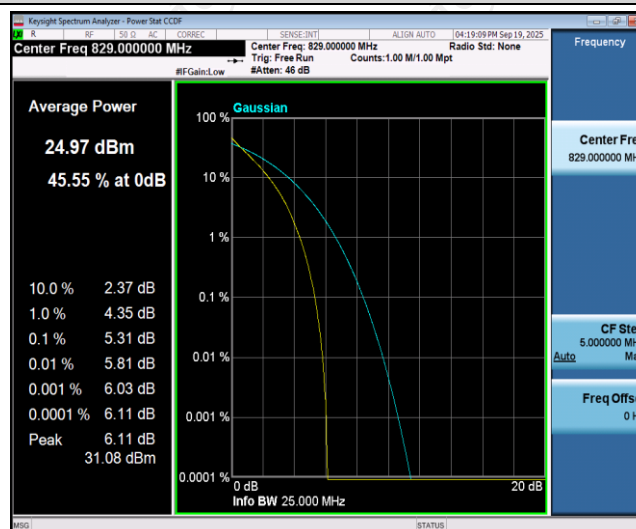
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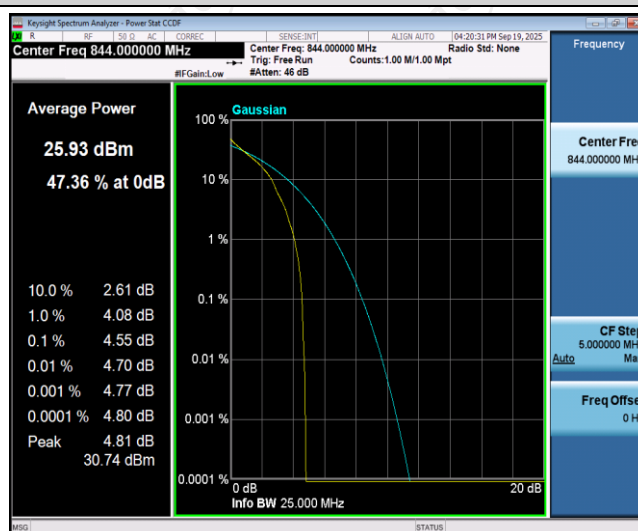
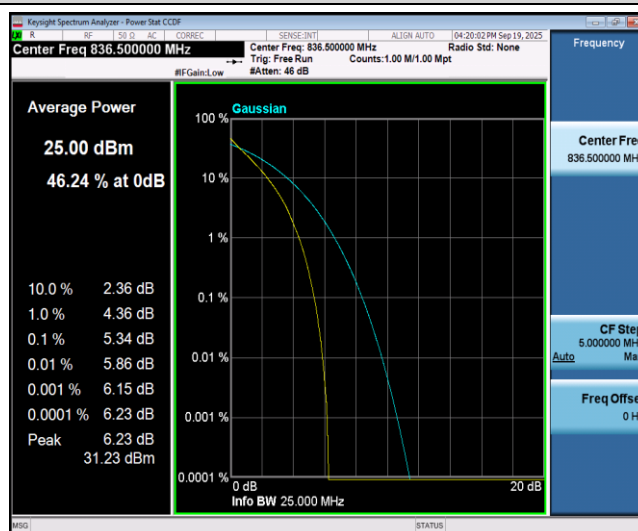
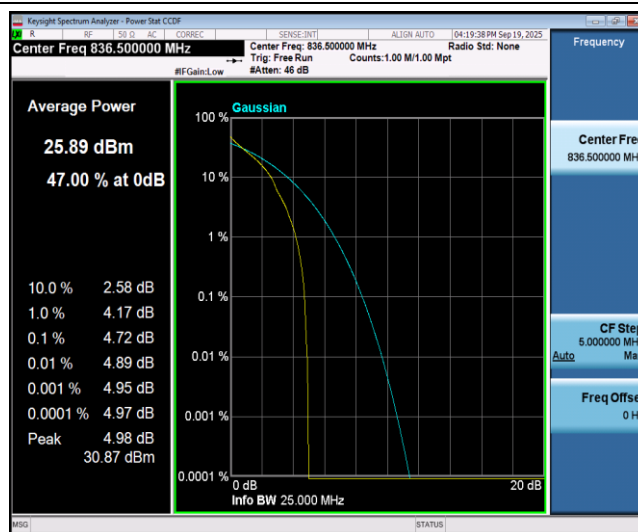
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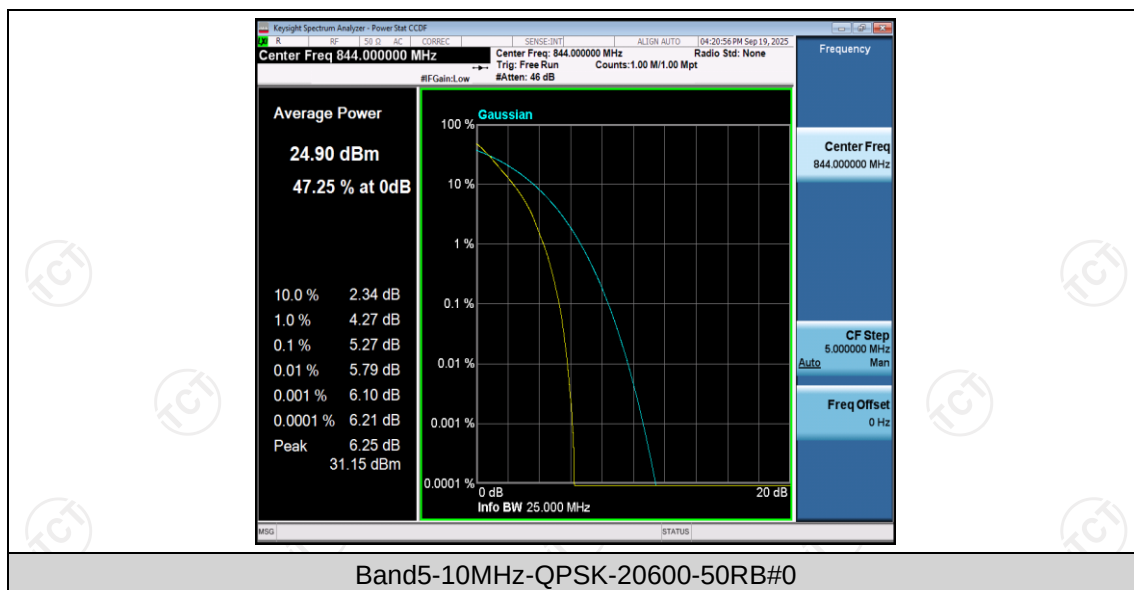


Band5-10MHz-QPSK-20450-1RB#0



Band5-10MHz-QPSK-20450-50RB#0





Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0888	1.226	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0922	1.230	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0934	1.224	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0900	1.234	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0904	1.239	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0932	1.238	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6946	2.950	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6945	2.948	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6921	2.944	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6980	2.960	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6920	2.947	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6945	2.929	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4940	4.878	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4960	4.871	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4837	4.846	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5008	4.874	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5002	4.868	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4840	4.840	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9886	9.567	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9822	9.592	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9624	9.572	PASS

Test Graphs

