

AppendixA: 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	23.61	21.12	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.73	21.24	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.61	21.12	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.69	21.2	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.72	21.23	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.68	21.19	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.66	20.17	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.62	21.13	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.72	21.23	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.61	21.12	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.77	21.28	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.76	21.27	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.78	21.29	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.74	20.25	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.68	21.19	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.78	21.29	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.65	21.16	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.77	21.28	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.76	21.27	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.79	21.3	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.77	20.28	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.75	20.26	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.96	20.47	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.81	20.32	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.63	20.14	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.62	20.13	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.57	20.08	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.76	19.27	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.81	20.32	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.98	20.49	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.81	20.32	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	22.68	20.19	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.70	20.21	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.72	20.23	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.63	19.14	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.60	20.11	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.73	20.24	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.60	20.11	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.60	20.11	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.59	20.1	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.55	20.06	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.77	19.28	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.68	21.19	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.67	21.18	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.67	21.18	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.71	20.22	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.74	20.25	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.75	20.26	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.69	20.2	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.71	21.22	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.72	21.23	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.73	21.24	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.81	20.32	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.78	20.29	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.78	20.29	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.74	20.25	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.79	21.3	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.78	21.29	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.78	21.29	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.91	20.42	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.90	20.41	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.87	20.38	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.84	20.35	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.92	20.43	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.92	20.43	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.91	20.42	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.80	19.31	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.81	19.32	PASS

Band5	3MHz	16QAM	20415	8RB#7	21.82	19.33	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.74	19.25	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.97	20.48	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.94	20.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.92	20.43	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.82	19.33	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.83	19.34	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.77	19.28	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.73	19.24	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.72	20.23	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.75	20.26	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.72	20.23	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.87	19.38	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.91	19.42	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.84	19.35	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.74	19.25	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.58	21.09	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.69	21.2	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.54	21.05	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.57	20.08	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.64	20.15	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.64	20.15	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.69	20.2	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.62	21.13	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.73	21.24	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.60	21.11	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.68	20.19	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.70	20.21	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.66	20.17	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.67	20.18	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.67	21.18	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.81	21.32	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.63	21.14	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.76	20.27	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.72	20.23	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.69	20.2	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.73	20.24	PASS

Band5	5MHz	16QAM	20425	1RB#0	22.65	20.16	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.74	20.25	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.63	20.14	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.61	19.12	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.64	19.15	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.63	19.14	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.73	19.24	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.80	20.31	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.02	20.53	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.83	20.34	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.77	19.28	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.76	19.27	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.69	19.2	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.71	19.22	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.73	20.24	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.88	20.39	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.65	20.16	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.82	19.33	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.73	19.24	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.72	19.23	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.78	19.29	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.55	21.06	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.76	21.27	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.53	21.04	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.69	20.2	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.74	20.25	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.69	20.2	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.69	20.2	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.58	21.09	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.84	21.35	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.57	21.08	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.78	20.29	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.81	20.32	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.77	20.28	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.77	20.28	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.66	21.17	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.83	21.34	PASS

Band5	10MHz	QPSK	20600	1RB#49	23.61	21.12	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.81	20.32	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.81	20.32	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.70	20.21	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.79	20.3	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.78	20.29	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.85	20.36	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.73	20.24	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.75	19.26	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.74	19.25	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.70	19.21	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.71	19.22	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.79	20.3	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.03	20.54	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.81	20.32	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.86	19.37	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.87	19.38	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.85	19.36	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.80	19.31	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.61	20.12	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.85	20.36	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.57	20.08	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.87	19.38	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.88	19.39	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.81	19.32	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.83	19.34	PASS

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

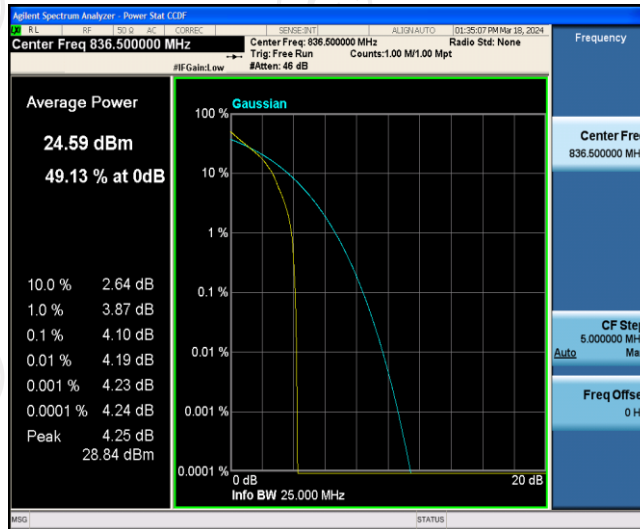
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.67	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.40	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.10	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.99	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.44	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.33	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.50	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.14	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	4.94	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.83	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.45	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.26	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.50	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.34	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	3.83	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.01	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.89	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.61	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.40	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.22	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	4.69	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.86	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.79	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.55	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.78	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.30	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	3.81	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.04	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.56	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.03	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.43	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.10	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	4.56	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.89	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.26	13	PASS

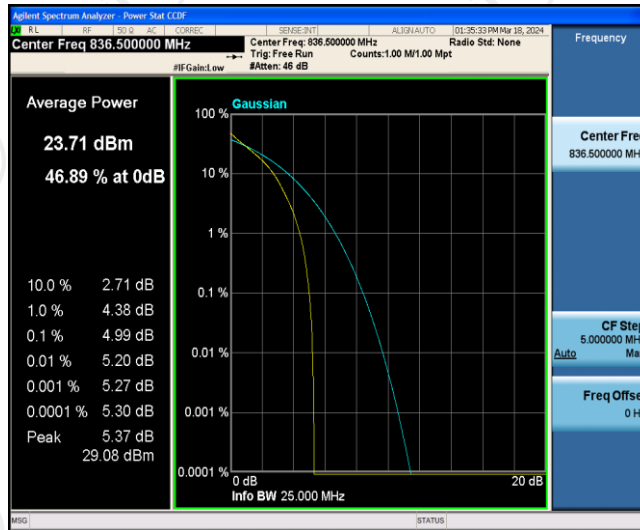
Band5	5MHz	16QAM	20625	25RB#0	5.86	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.66	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.20	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	3.84	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.15	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.43	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.28	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.49	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.01	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	4.72	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.97	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.26	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.13	13	PASS

Test Graphs

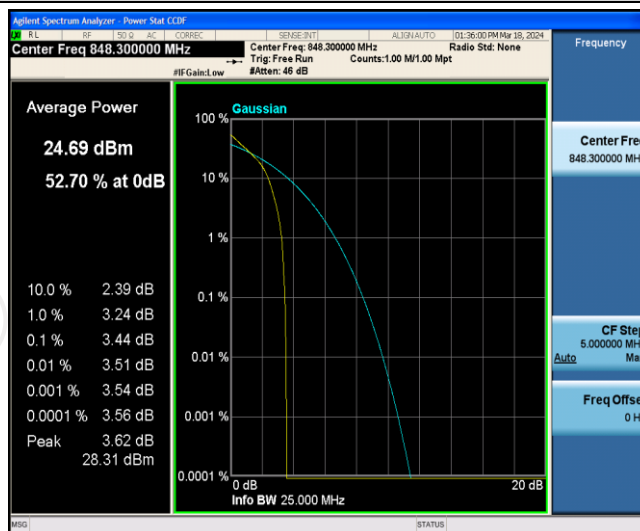




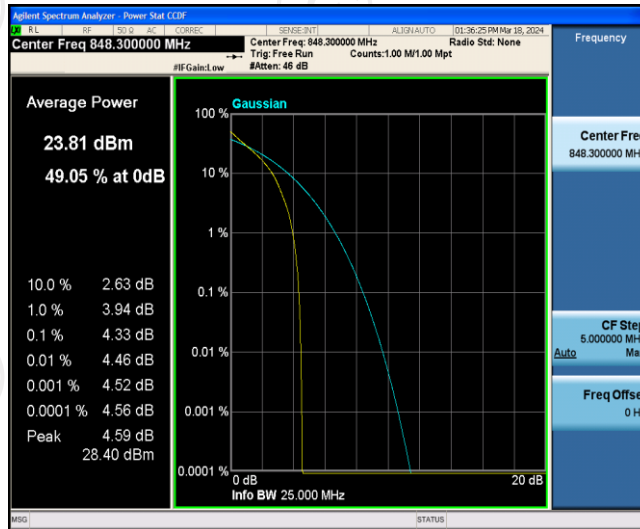
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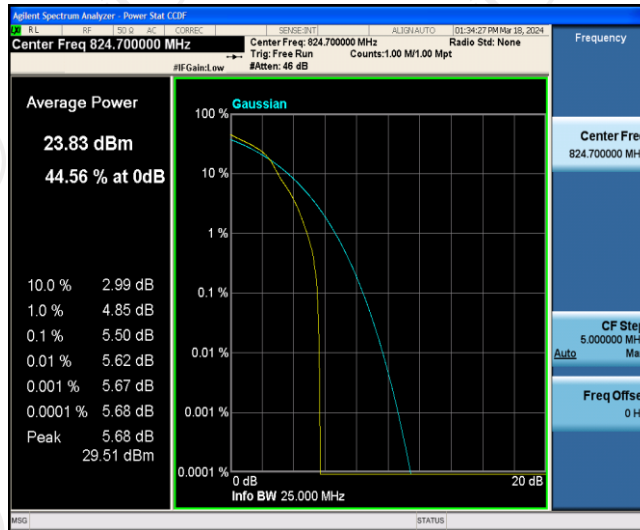
Band5-1.4MHz-QPSK-20525-6RB#0



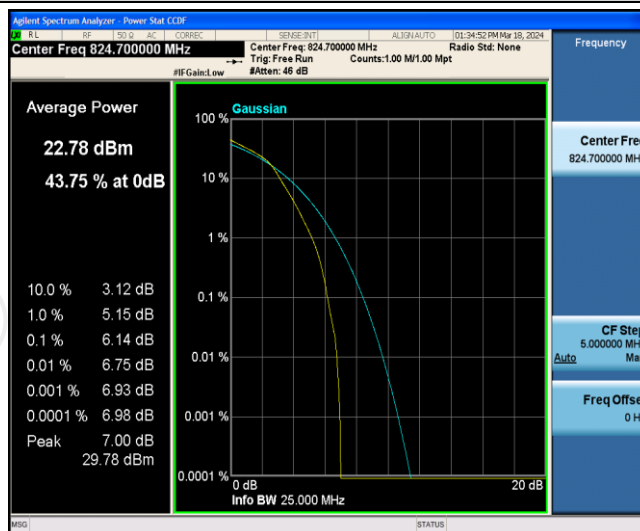
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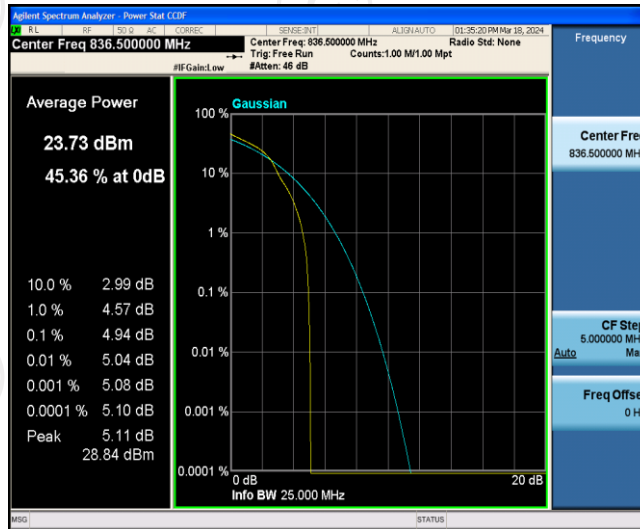
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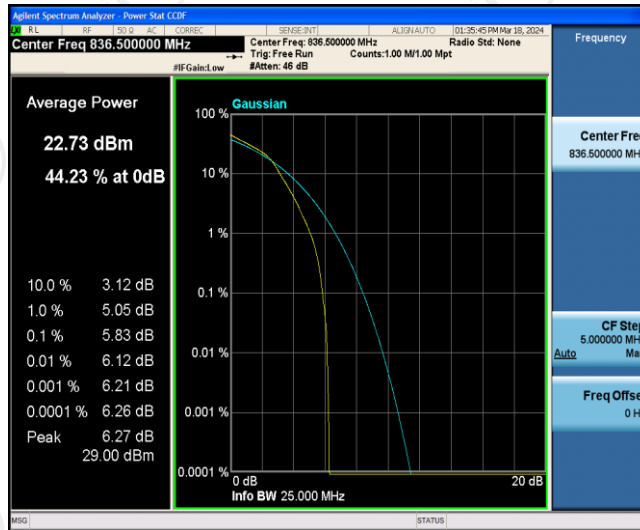
Band5-1.4MHz-16QAM-20407-1RB#0



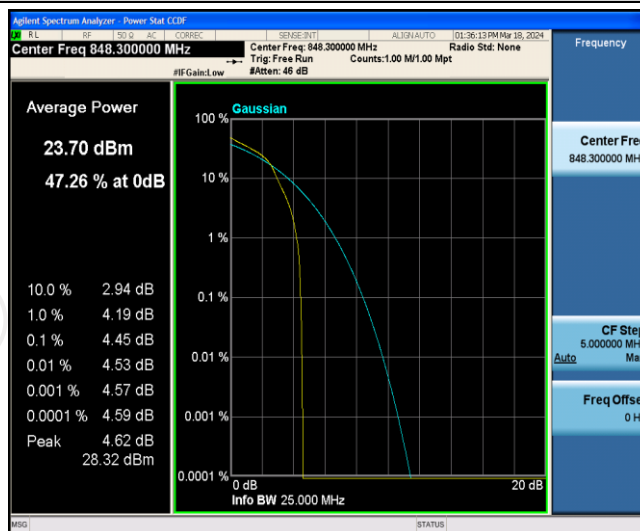
Band5-1.4MHz-16QAM-20407-6RB#0



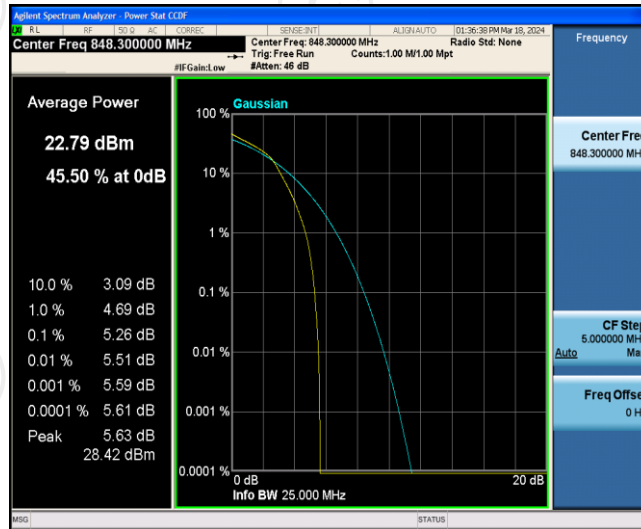
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Band5-1.4MHz-16QAM-20525-6RB#0



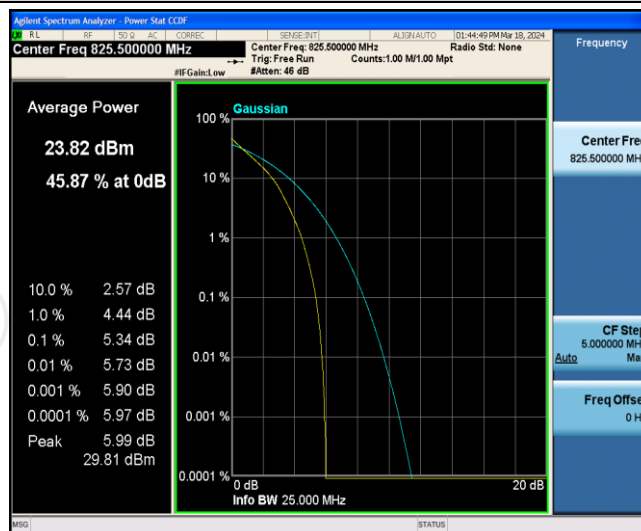
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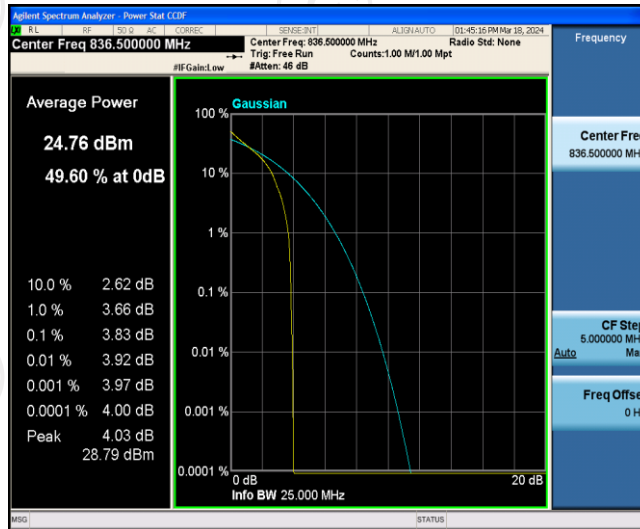
Band5-1.4MHz-16QAM-20643-6RB#0



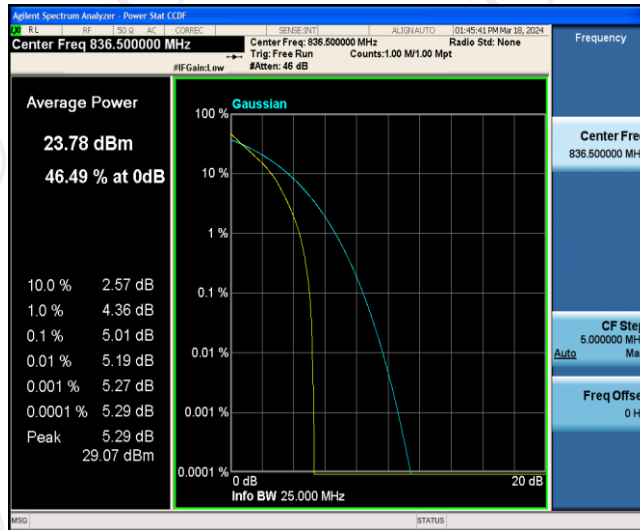
Band5-3MHz-QPSK-20415-1RB#0



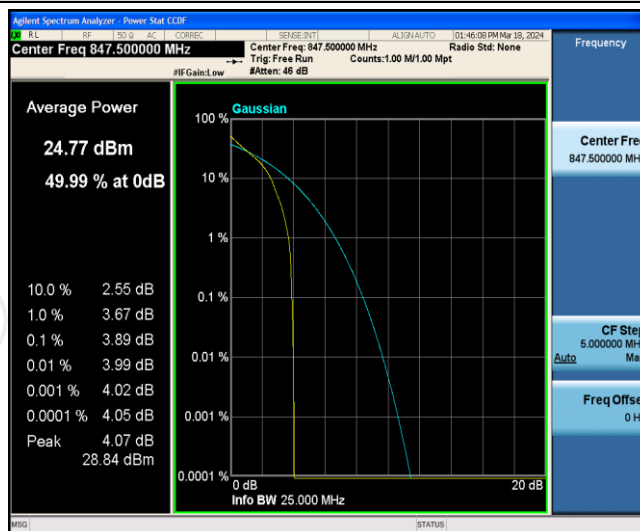
Band5-3MHz-QPSK-20415-15RB#0



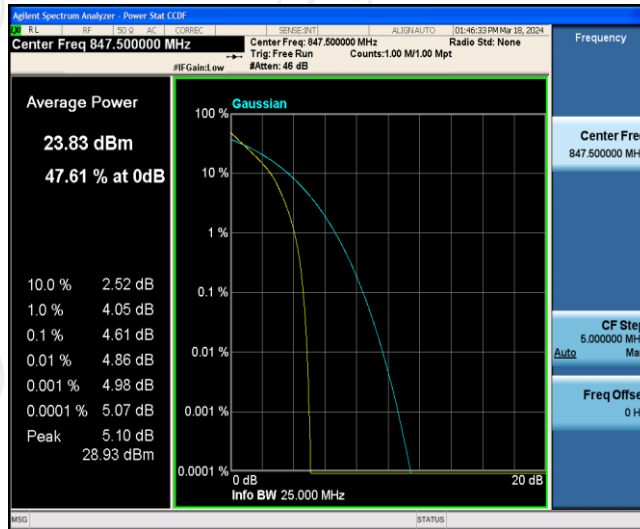
Band5-3MHz-QPSK-20525-1RB#0



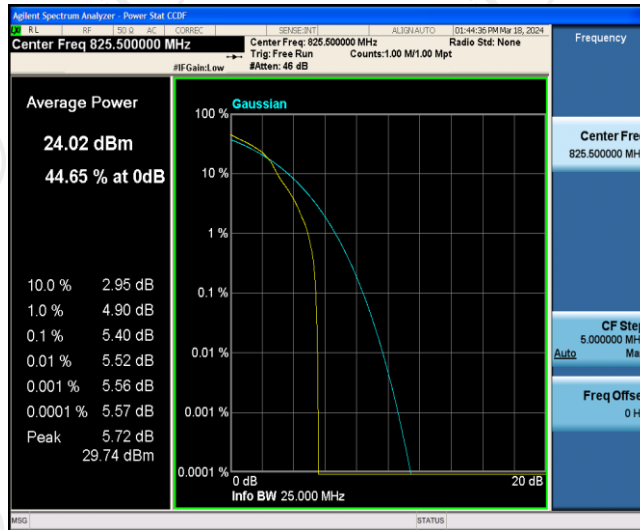
Band5-3MHz-QPSK-20525-15RB#0



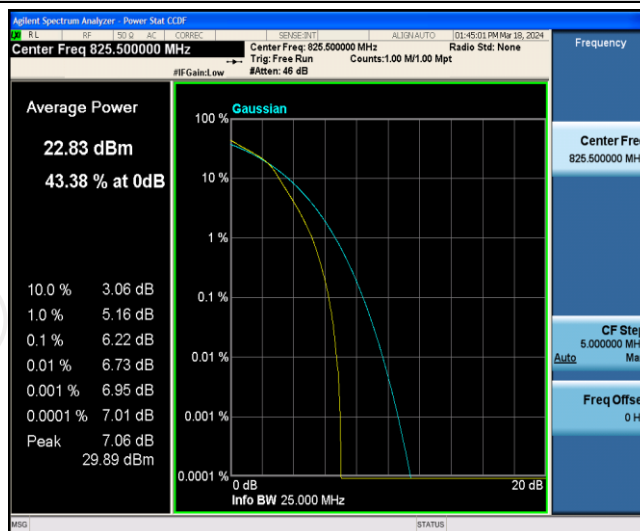
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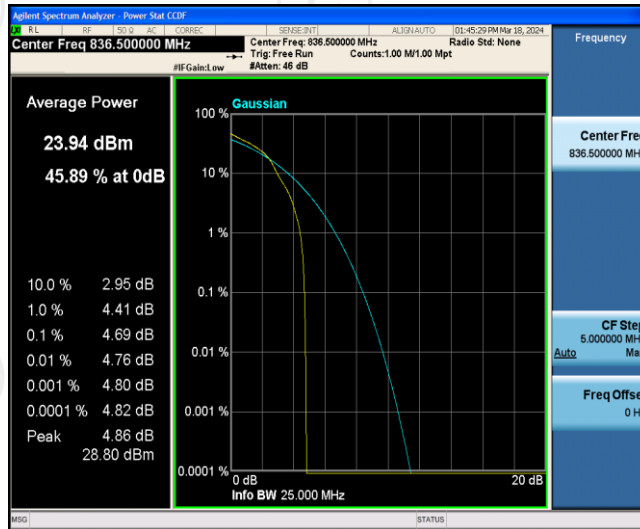
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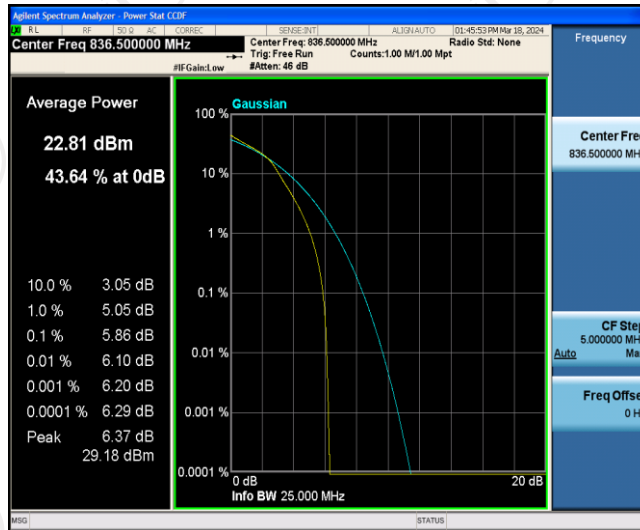
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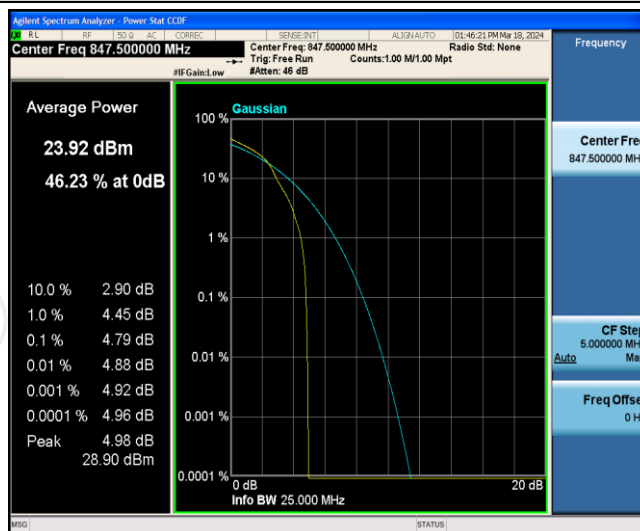
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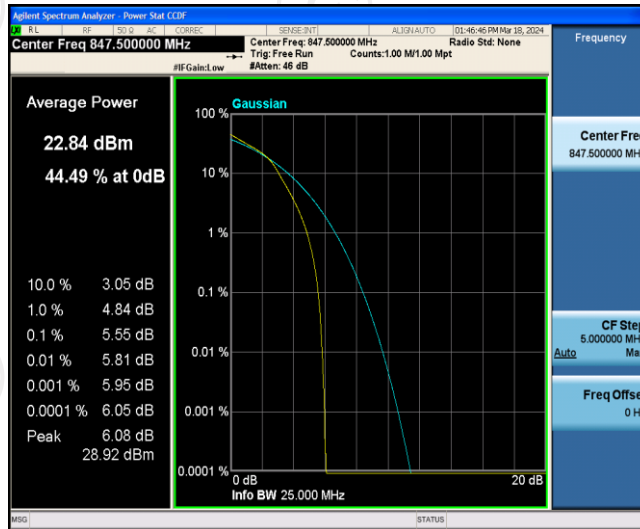
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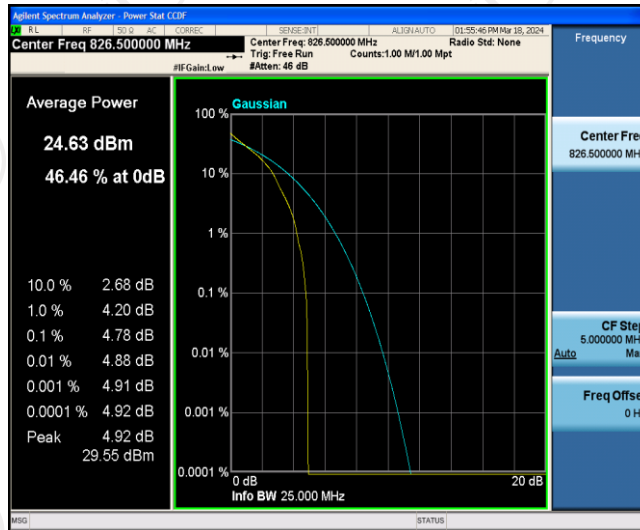
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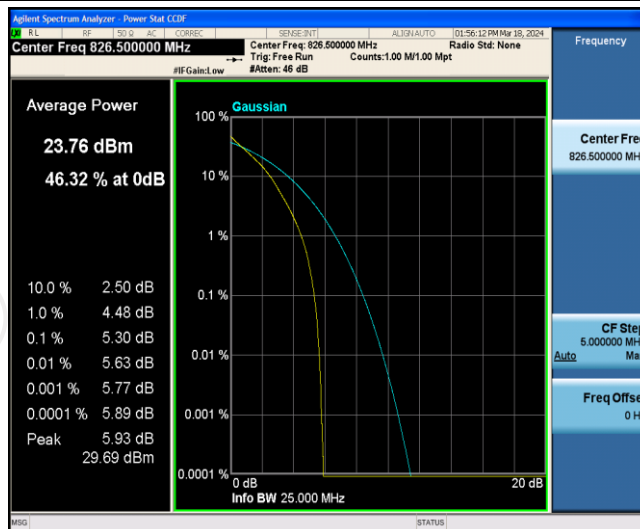
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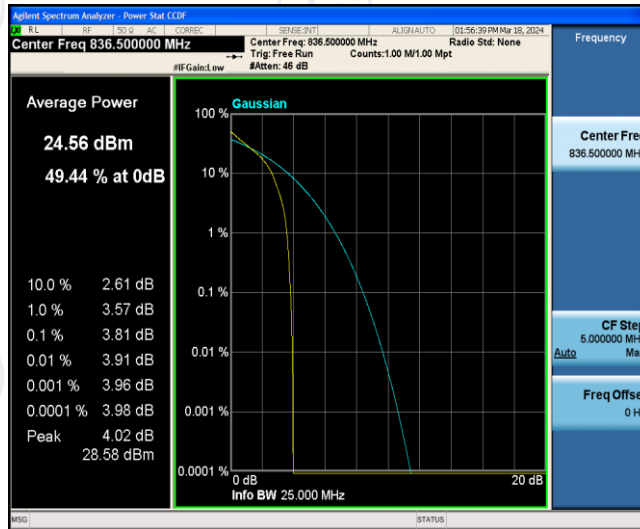
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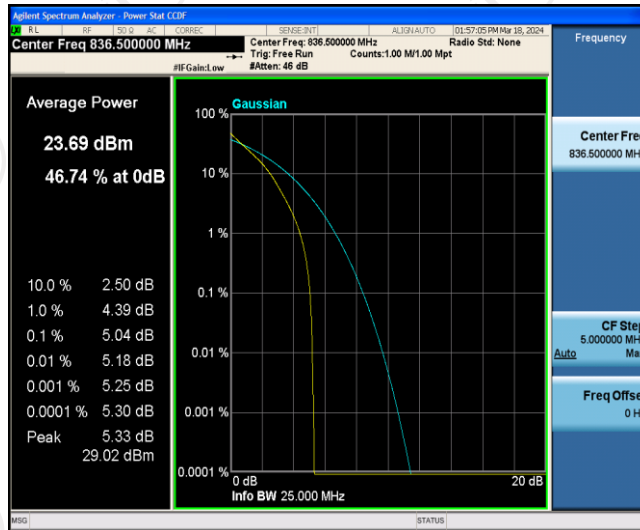
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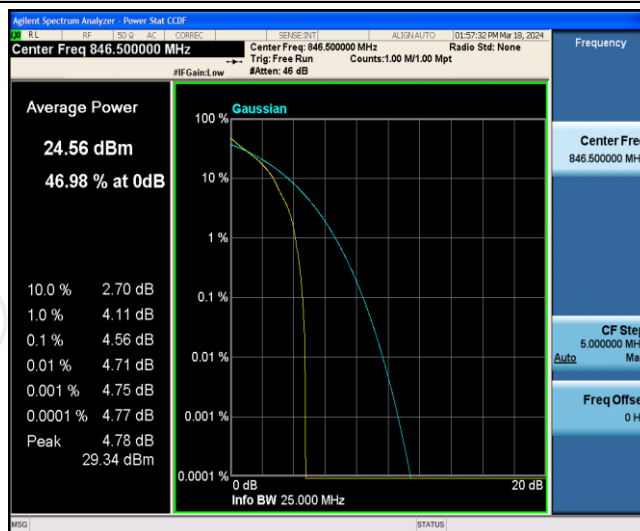
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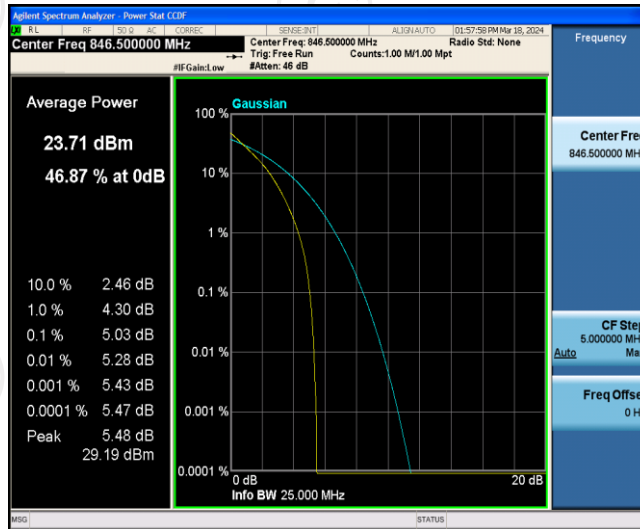
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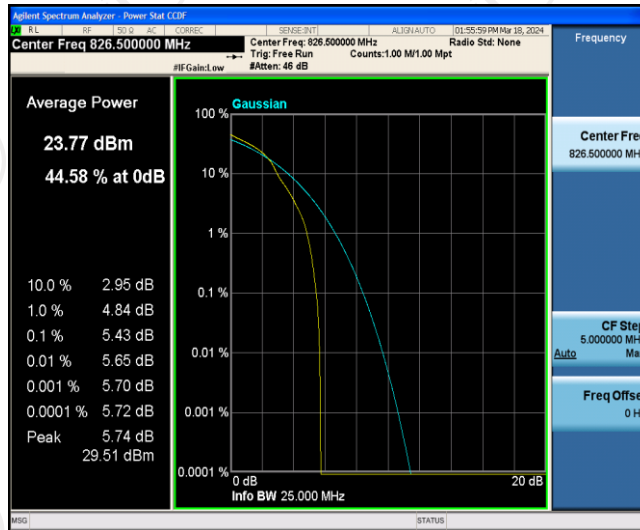
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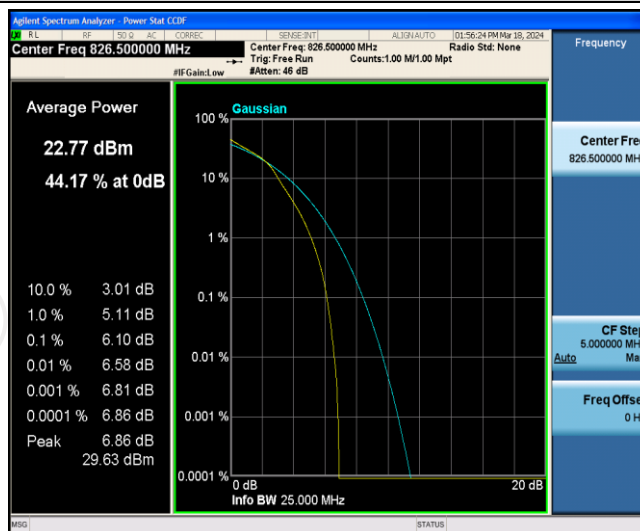
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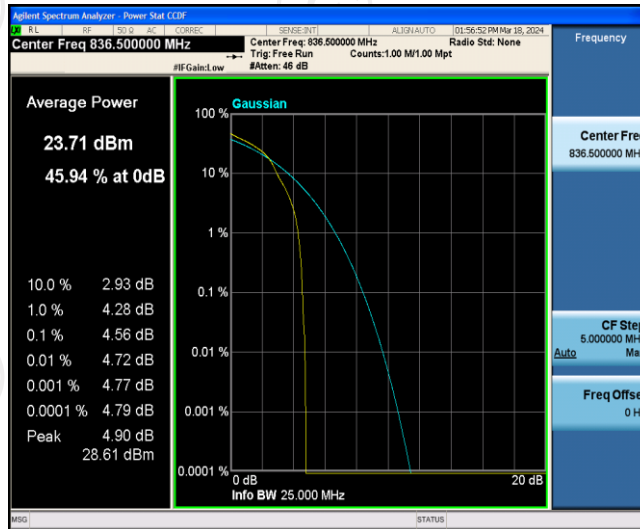
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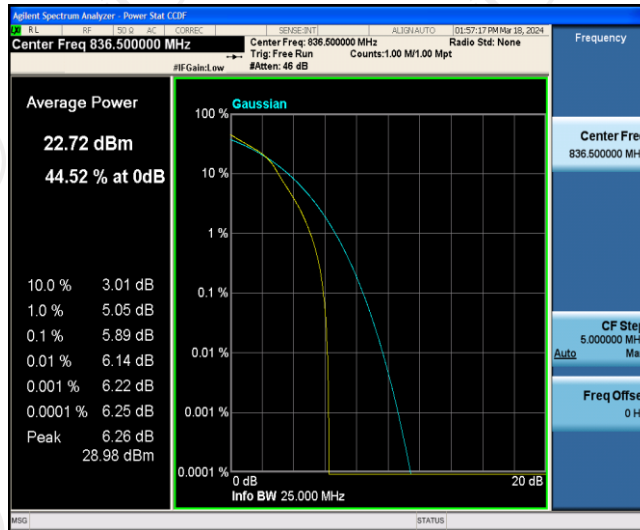
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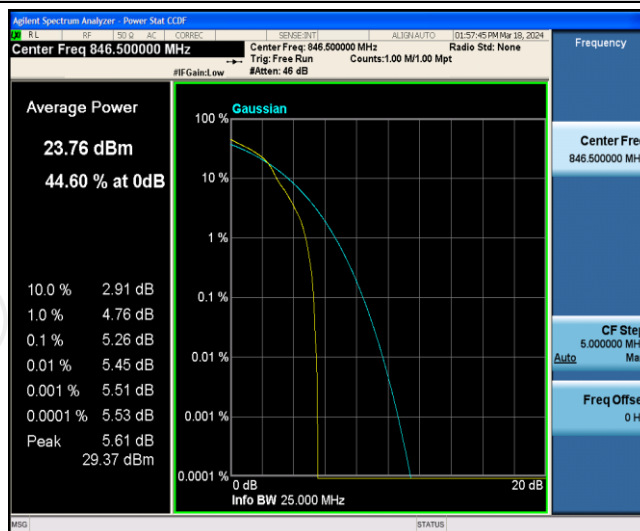
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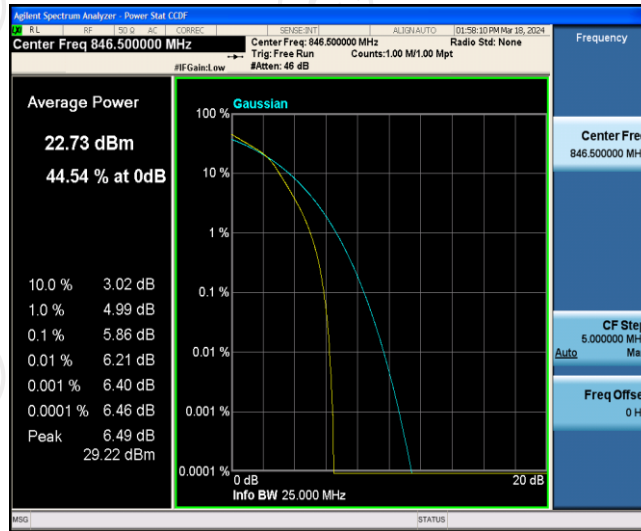
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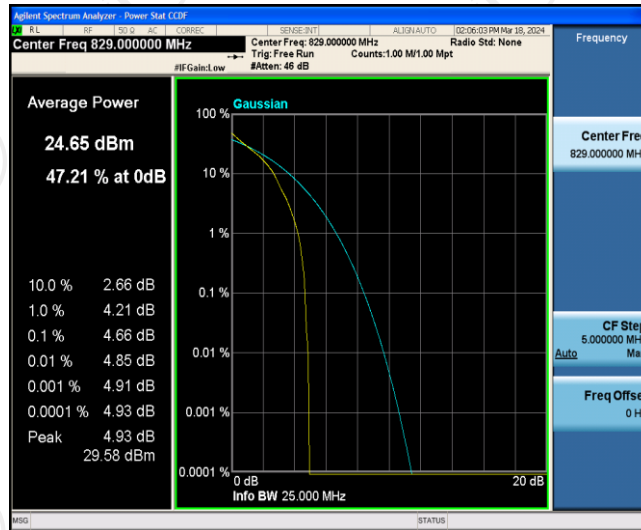
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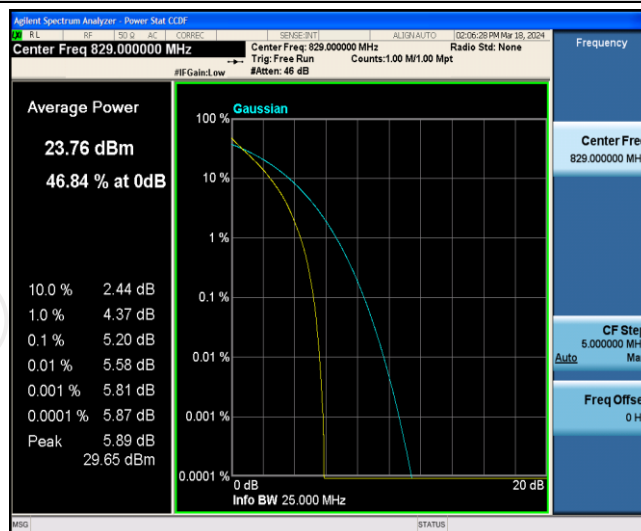
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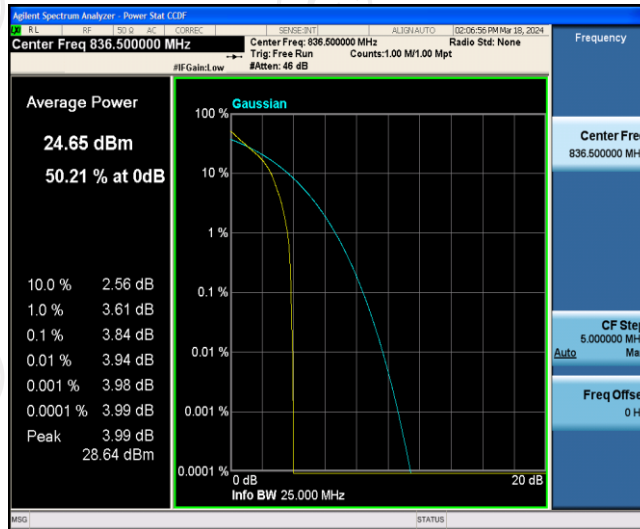
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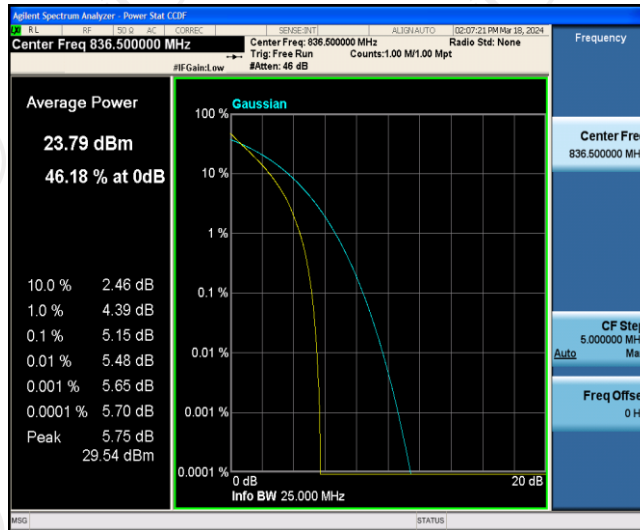
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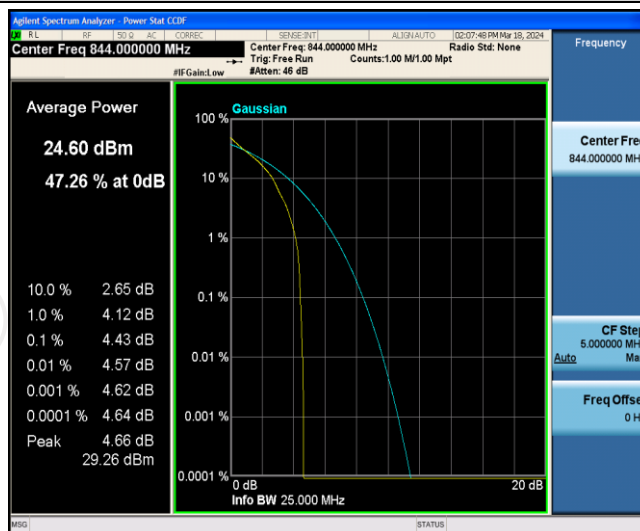
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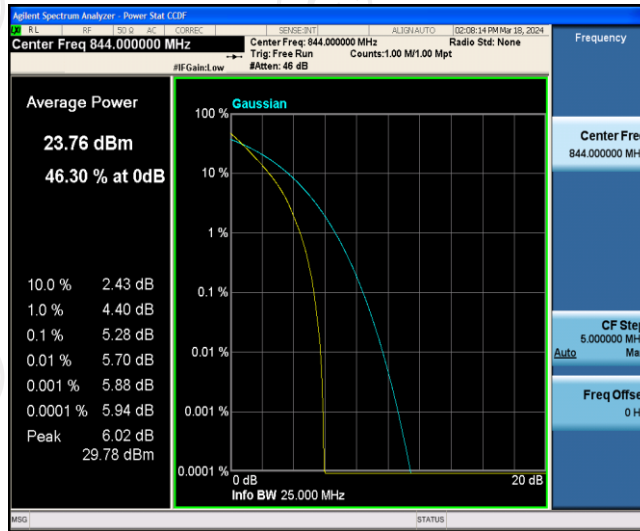
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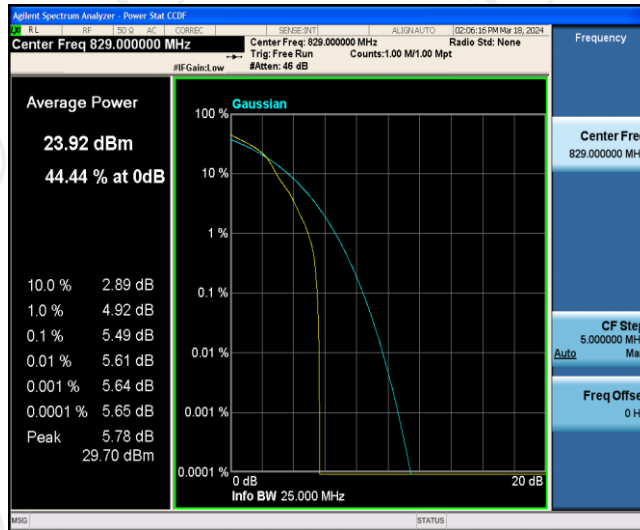
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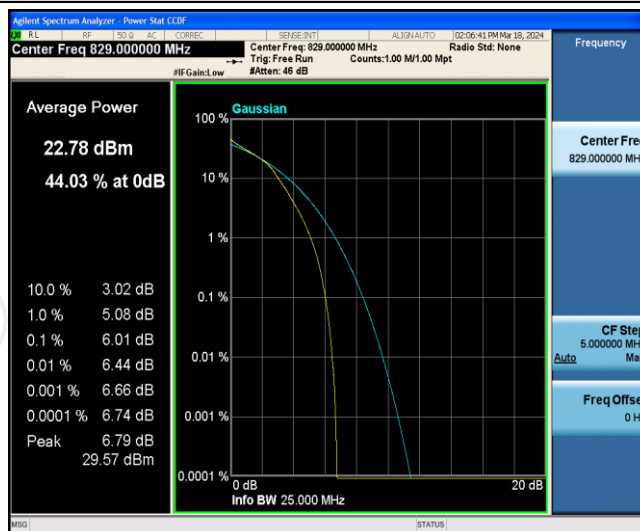
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