

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	E.R.P (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.25	21.90	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.16	21.81	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.16	21.81	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.28	21.93	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.28	21.93	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.22	21.87	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.18	20.83	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.18	21.83	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.19	21.84	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.15	21.80	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.24	21.89	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.23	21.88	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.17	21.82	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.12	20.77	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.10	21.75	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.13	21.78	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.11	21.76	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.04	21.69	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.05	21.70	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.15	21.80	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.98	20.63	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.77	21.42	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.78	21.43	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.80	21.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.93	20.58	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.95	20.60	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.87	20.52	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.39	20.04	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.14	20.79	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.17	20.82	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.08	20.73	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	21.82	20.47	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.86	20.51	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.75	20.40	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.53	20.18	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.28	20.93	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.34	20.99	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.18	20.83	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.79	20.44	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.85	20.50	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.78	20.43	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.46	20.11	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.15	21.80	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.14	21.79	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.17	21.82	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.22	20.87	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.23	20.88	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.16	20.81	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.21	20.86	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.15	21.80	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.16	21.81	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.15	21.80	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.13	20.78	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.12	20.77	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.12	20.77	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.06	20.71	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.24	21.89	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.14	21.79	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.11	21.76	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.16	20.81	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.15	20.80	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.09	20.74	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.00	20.65	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.01	20.66	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.23	20.88	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.05	20.70	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.38	20.03	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.36	20.01	PASS

Band5	3MHz	16QAM	20415	8RB#7	21.72	20.37	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.20	19.85	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.83	20.48	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.72	20.37	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.69	20.34	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.34	19.99	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.16	19.81	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.66	20.31	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.49	20.14	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.25	20.90	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.12	20.77	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.17	20.82	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.56	20.21	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.54	20.19	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.57	20.22	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.47	20.12	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.23	21.88	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.21	21.86	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.09	21.74	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.28	20.93	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.27	20.92	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.10	20.75	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.05	20.70	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.11	21.76	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.09	21.74	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.10	21.75	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.11	20.76	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.12	20.77	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.24	20.89	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.11	20.76	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.19	21.84	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.24	21.89	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.16	21.81	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.05	20.70	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.15	20.80	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.05	20.70	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.04	20.69	PASS

Band5	5MHz	16QAM	20425	1RB#0	21.55	20.20	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.57	20.22	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.55	20.20	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.10	19.75	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.10	19.75	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.54	20.19	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.64	20.29	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.33	20.98	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.23	20.88	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.06	20.71	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.15	19.80	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.15	19.80	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.53	20.18	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.48	20.13	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.77	20.42	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.85	20.50	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.80	20.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.92	19.57	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.01	19.66	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.44	20.09	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.54	20.19	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.19	21.84	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.07	21.72	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.06	21.71	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.98	20.63	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.00	20.65	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.22	20.87	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.16	20.81	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.16	21.81	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.13	21.78	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.07	21.72	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.19	20.84	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.19	20.84	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.16	20.81	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.08	20.73	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.11	21.76	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.20	21.85	PASS

Band5	10MHz	QPSK	20600	1RB#49	23.07	21.72	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.11	20.76	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.10	20.75	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.18	20.83	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.97	20.62	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.03	20.68	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.89	20.54	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.92	20.57	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.55	20.20	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.55	20.20	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.06	19.71	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.08	19.73	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.91	20.56	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.76	20.41	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.74	20.39	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.41	20.06	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.37	20.02	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.35	20.00	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.61	20.26	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.59	21.24	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.53	21.18	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.49	21.14	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.14	19.79	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.17	19.82	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.69	20.34	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.12	19.77	PASS

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

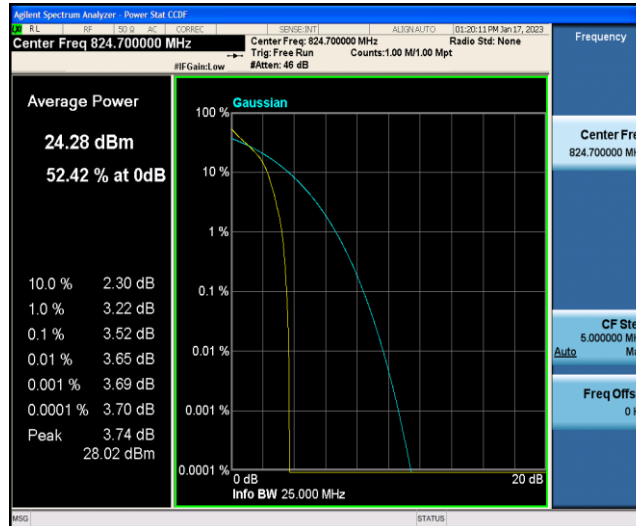
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	3.52	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	4.36	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.16	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.76	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.97	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.42	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	4.40	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.19	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	4.99	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.32	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.69	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.95	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	3.56	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.54	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.29	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.75	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.92	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.47	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	4.47	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.43	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.25	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.40	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	6.08	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.16	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	3.70	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.83	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.63	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.79	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.82	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.42	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	4.75	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.38	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.62	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.32	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.80	13	PASS

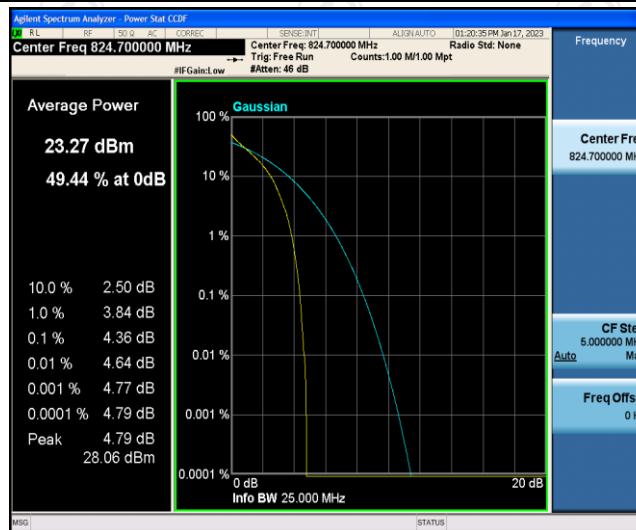
Band5	5MHz	16QAM	20625	25RB#0	6.02	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	3.60	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.10	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.78	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.91	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	3.88	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.38	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	4.56	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.92	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.57	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.53	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.99	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.05	13	PASS

Test Graphs

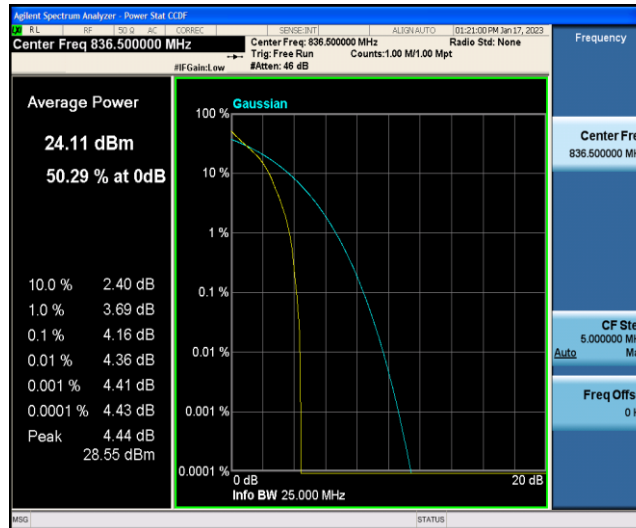
Band5-1.4MHz-QPSK-20407-1RB#0



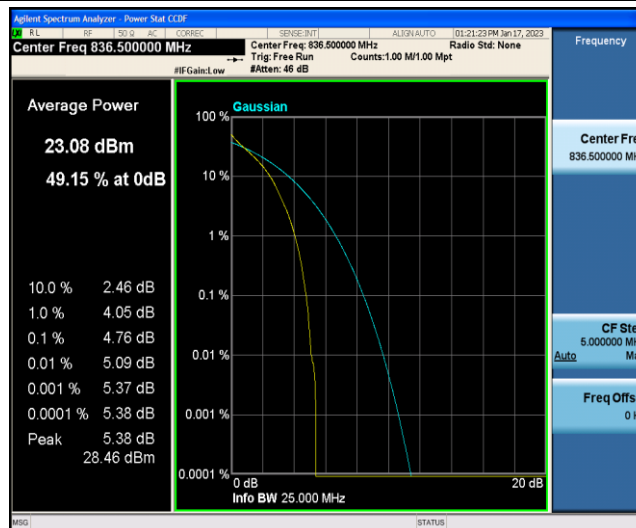
Band5-1.4MHz-QPSK-20407-6RB#0



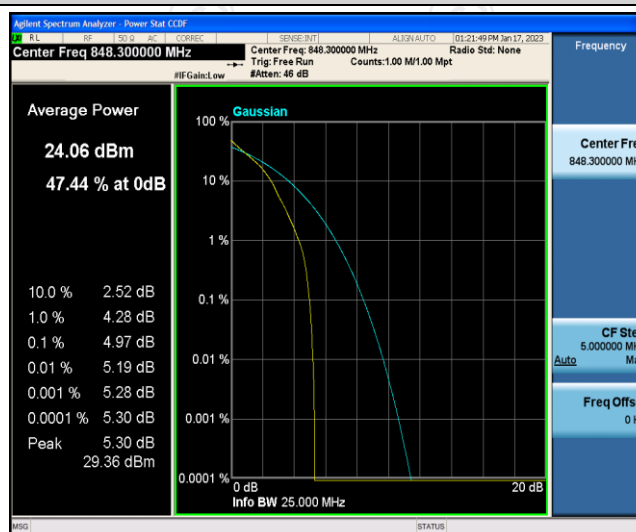
Band5-1.4MHz-QPSK-20525-1RB#0



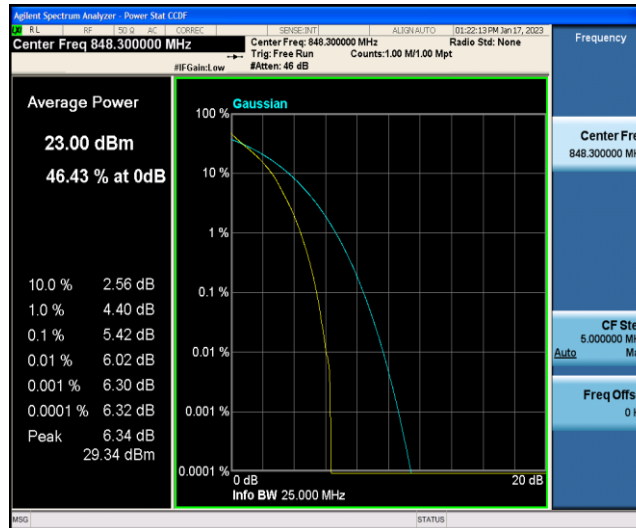
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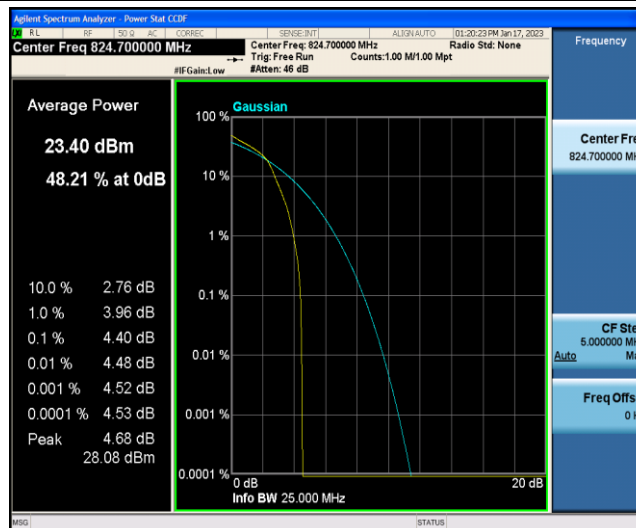
Band5-1.4MHz-QPSK-20643-1RB#0



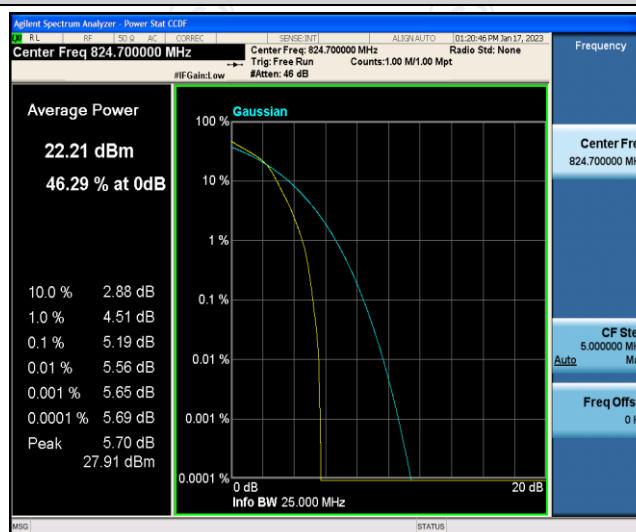
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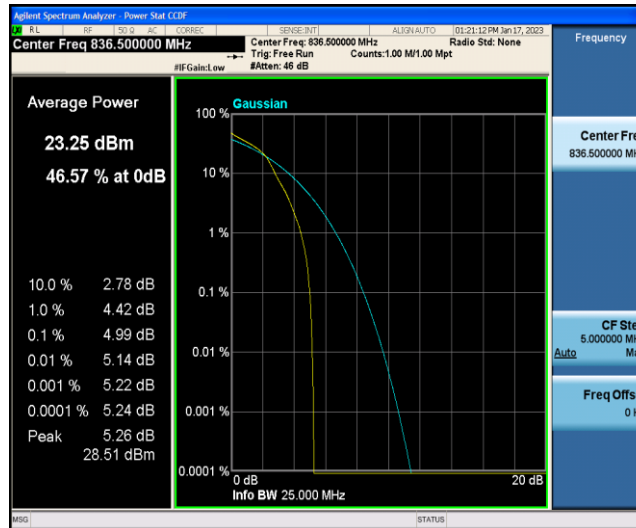
Band5-1.4MHz-16QAM-20407-1RB#0



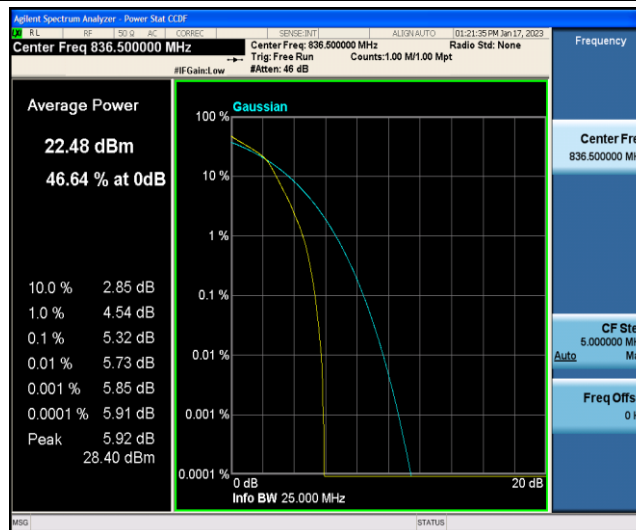
Band5-1.4MHz-16QAM-20407-6RB#0



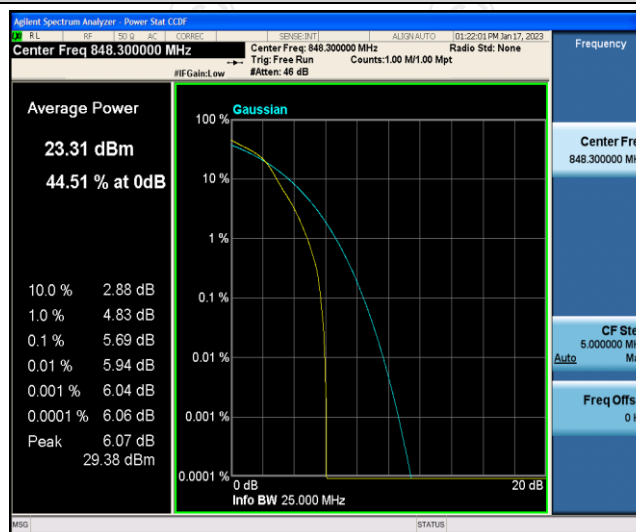
Band5-1.4MHz-16QAM-20525-1RB#0



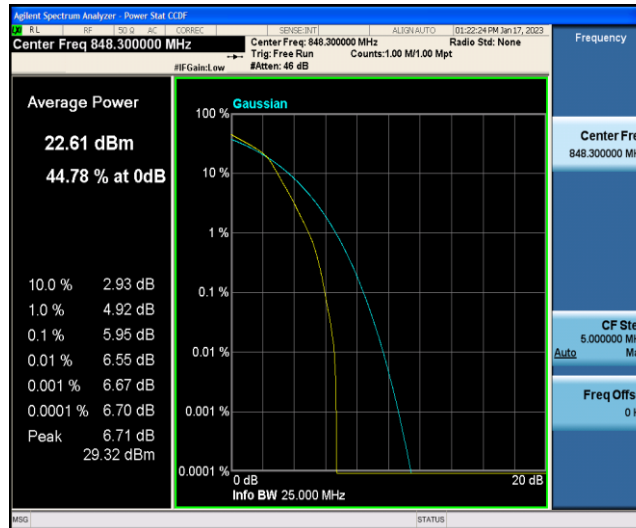
Band5-1.4MHz-16QAM-20525-6RB#0



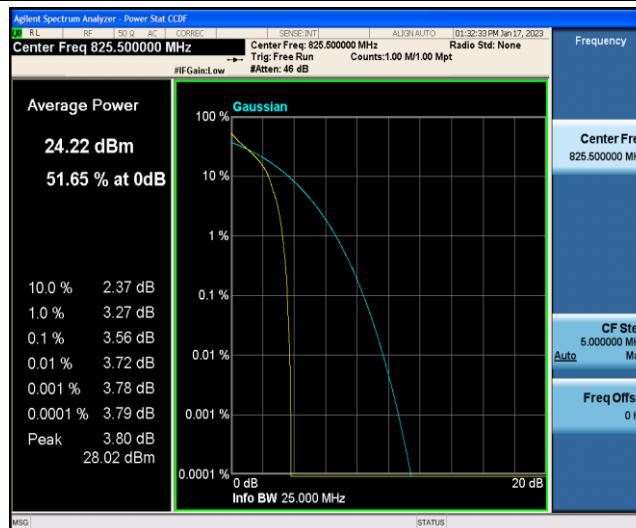
Band5-1.4MHz-16QAM-20643-1RB#0



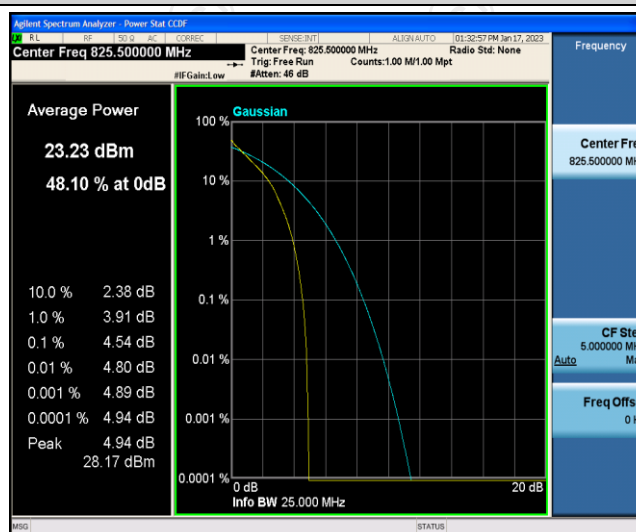
Band5-1.4MHz-16QAM-20643-6RB#0



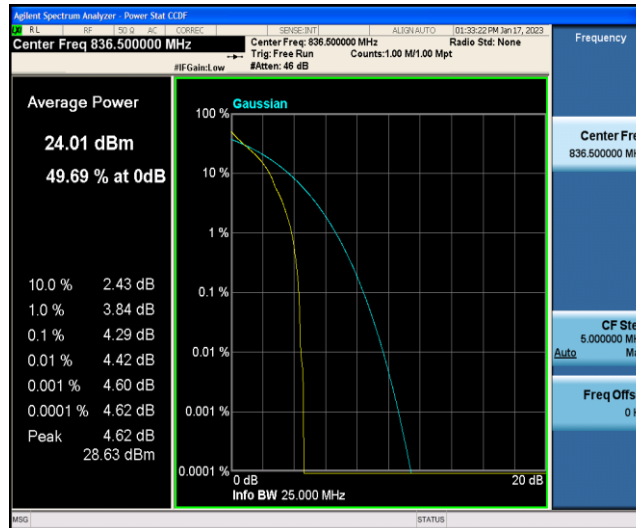
Band5-3MHz-QPSK-20415-1RB#0



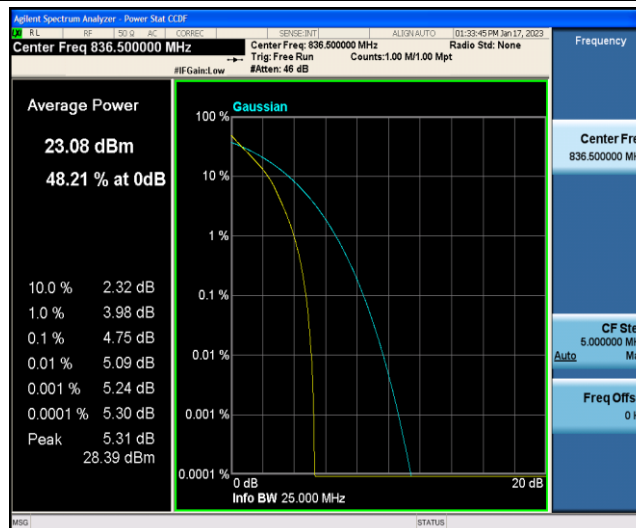
Band5-3MHz-QPSK-20415-15RB#0



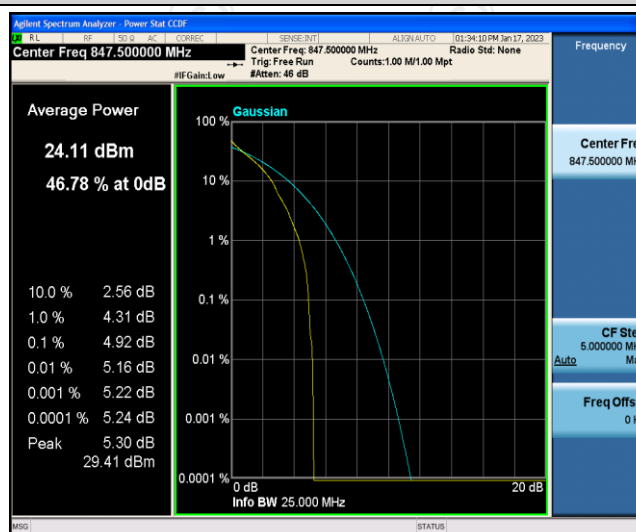
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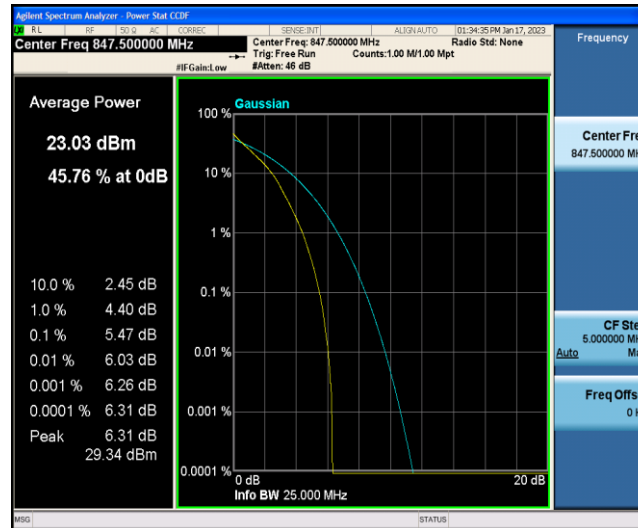
Band5-3MHz-QPSK-20525-15RB#0



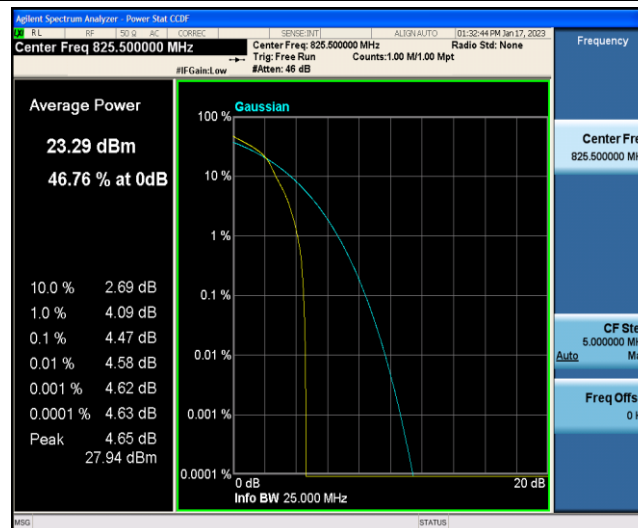
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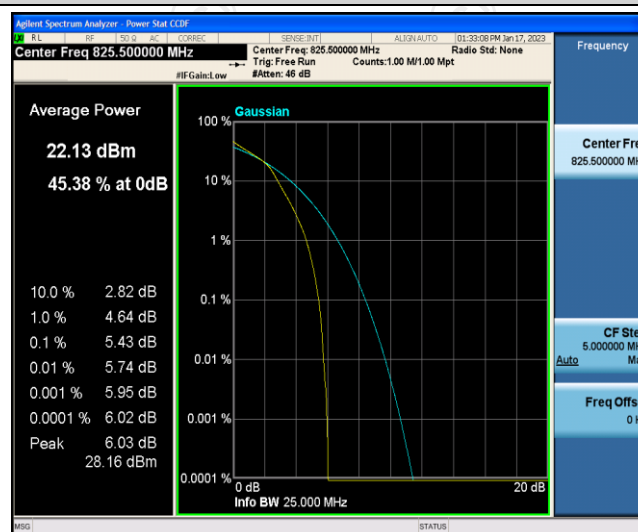
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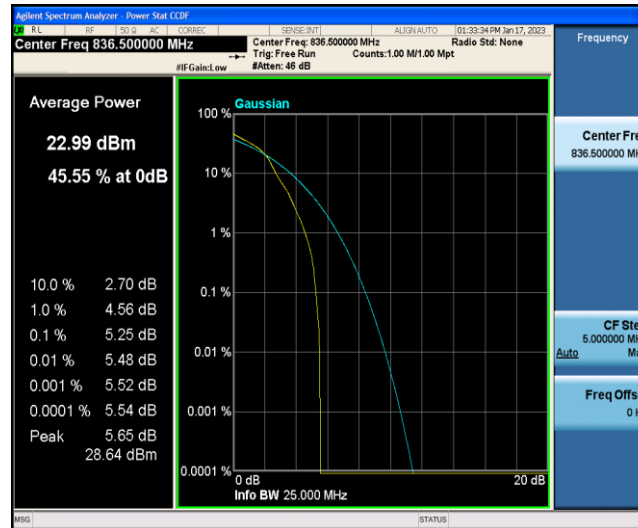
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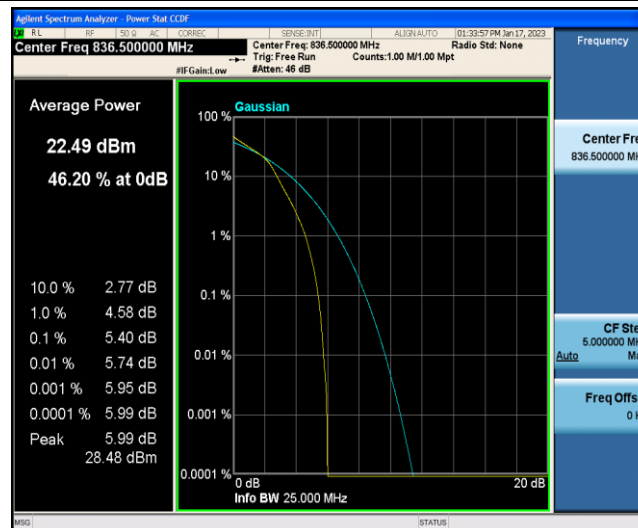
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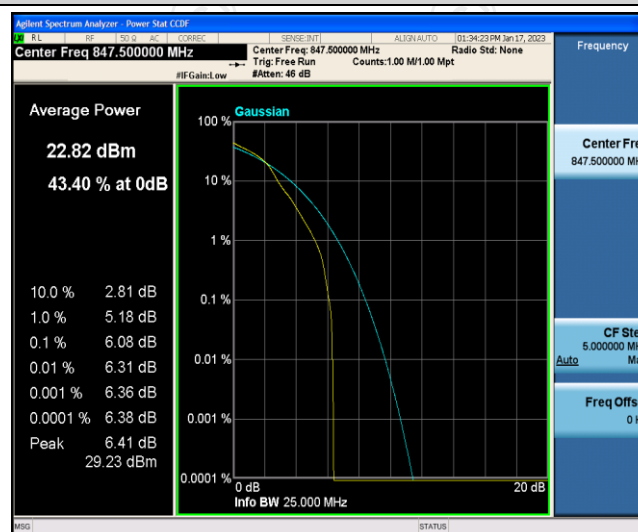
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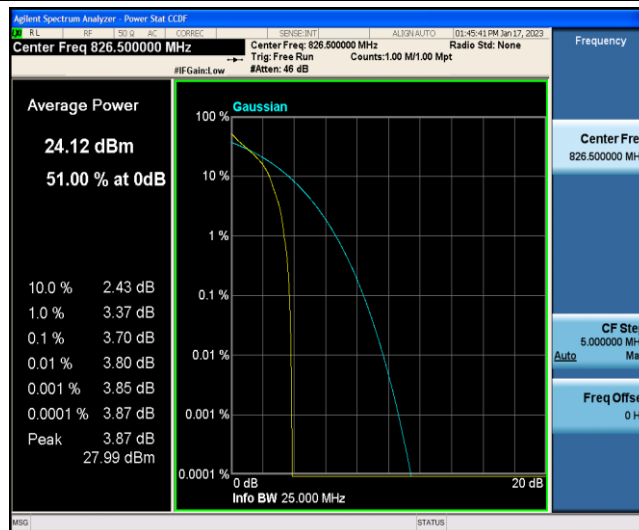
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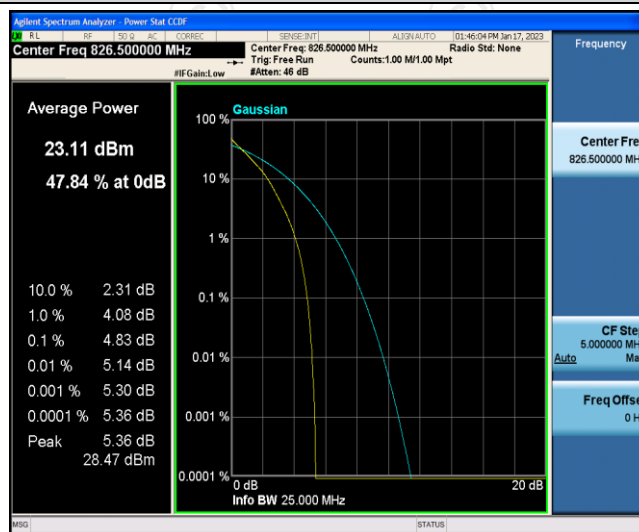
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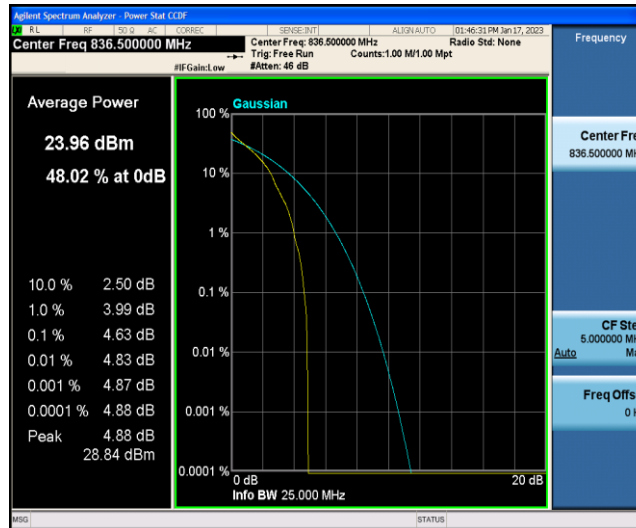
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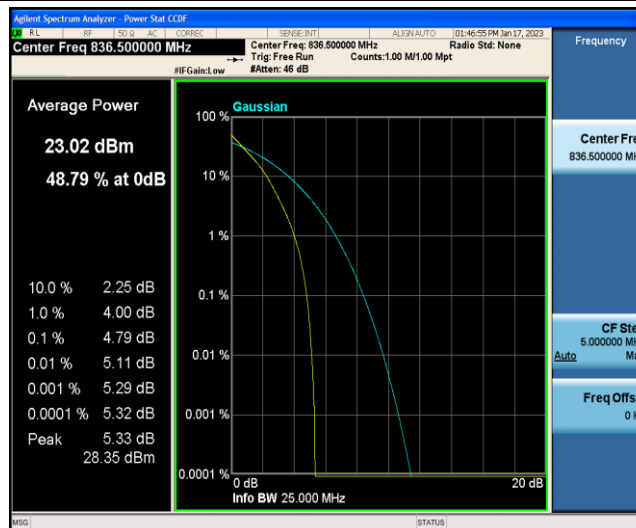
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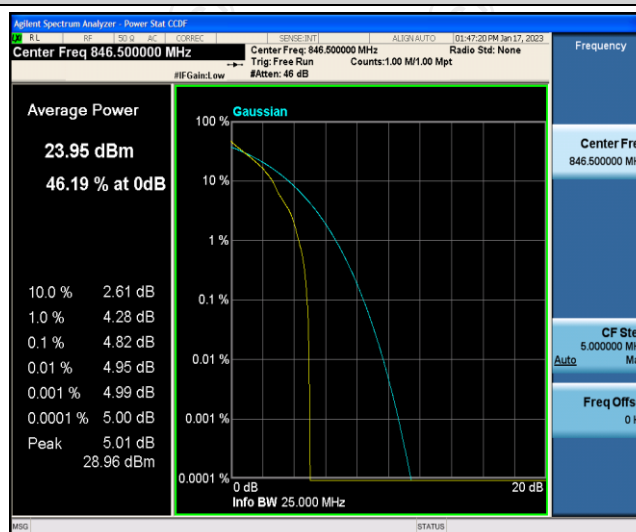
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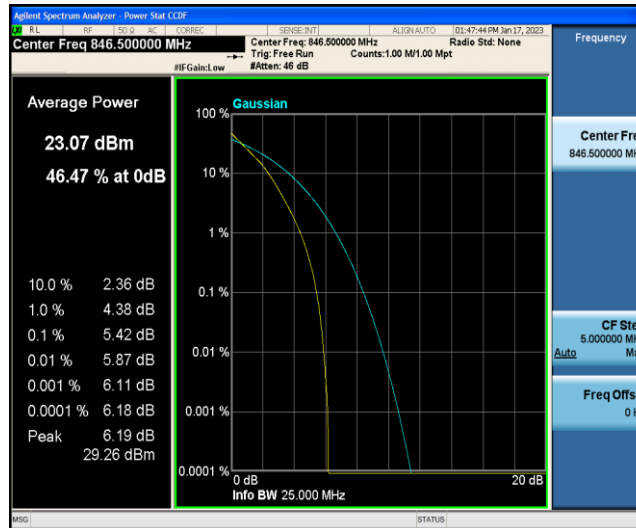
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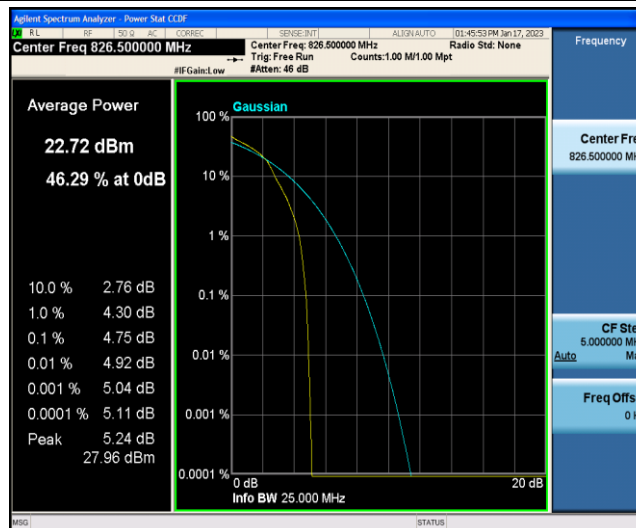
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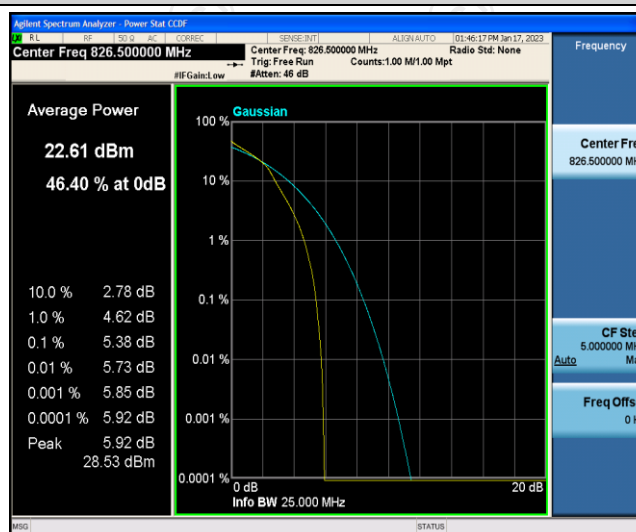
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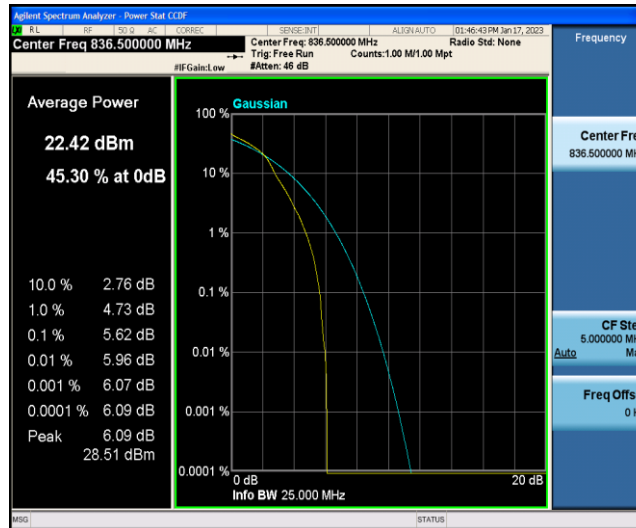
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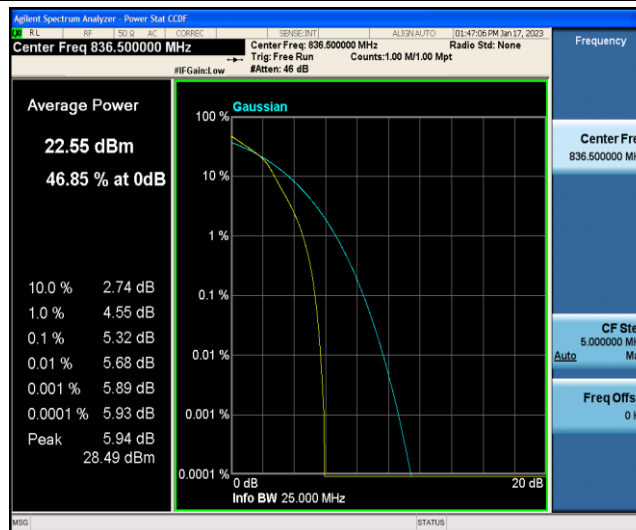
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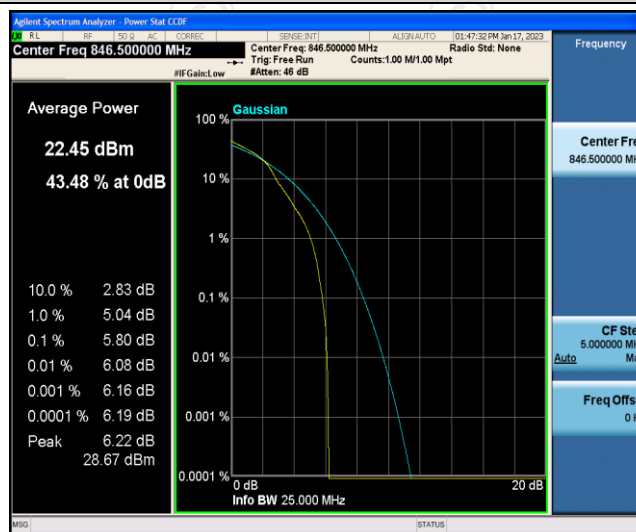
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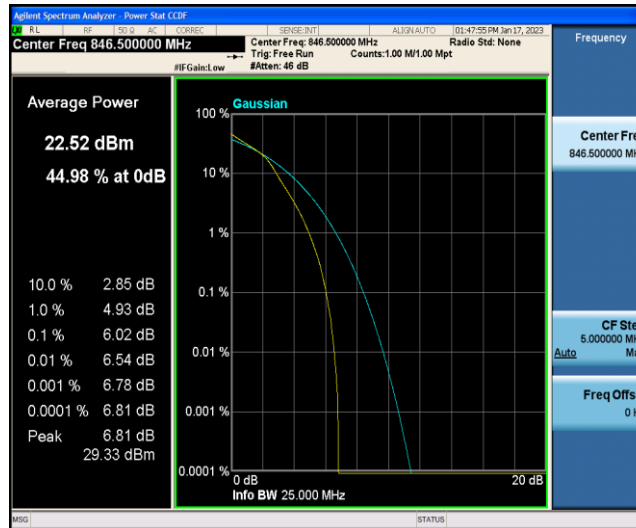
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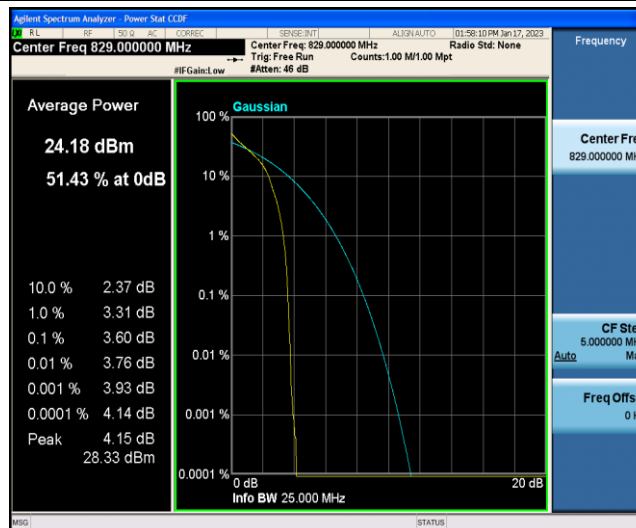
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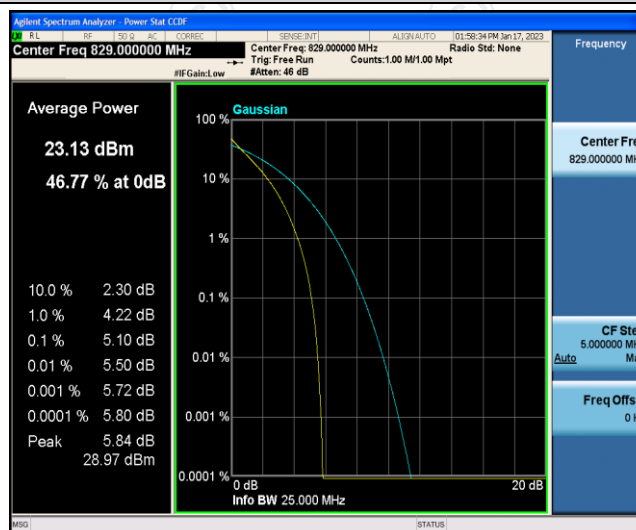
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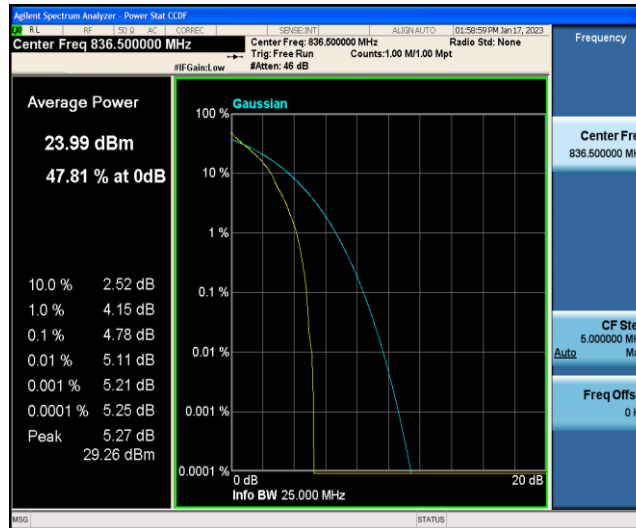
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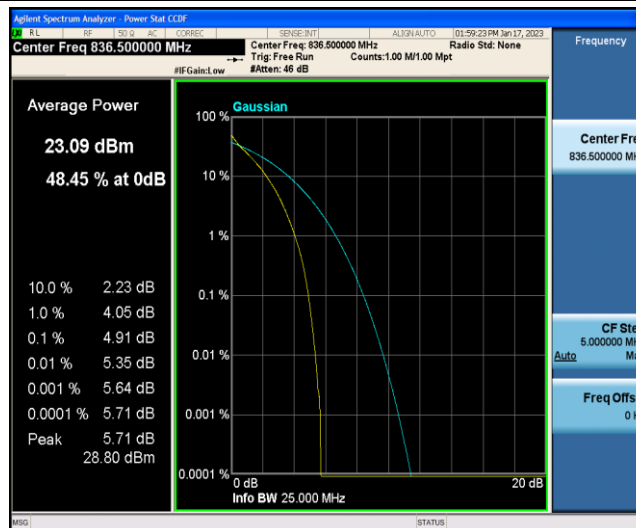
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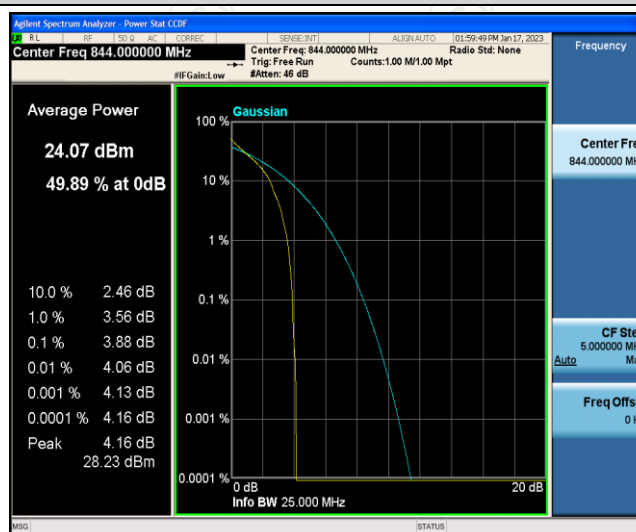
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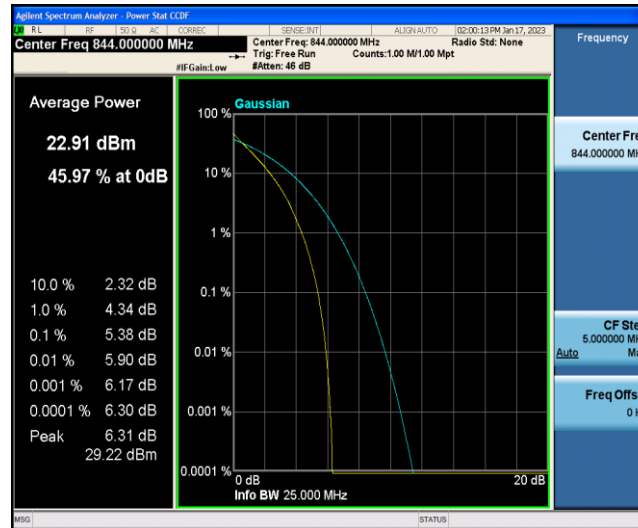
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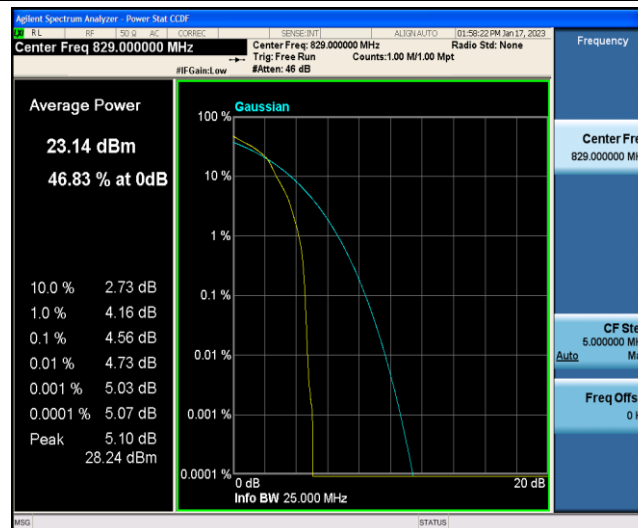
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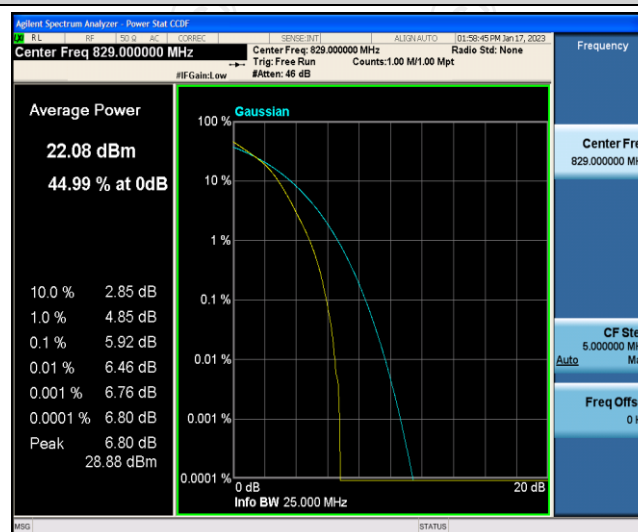
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