

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	23.15	22.34	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.17	22.36	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.22	22.41	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.18	22.37	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.18	22.37	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.23	22.42	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.25	21.44	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.11	22.30	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.07	22.26	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.07	22.26	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.18	22.37	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.18	22.37	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.24	22.43	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.11	21.30	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.38	22.57	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.22	22.41	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.22	22.41	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.20	22.39	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.21	22.40	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.14	22.33	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.28	21.47	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.77	21.96	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.45	21.64	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.43	21.62	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.75	20.94	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.76	20.95	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.71	20.90	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.19	20.38	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.73	20.92	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.00	21.19	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.75	20.94	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	22.15	21.34	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.15	21.34	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.06	21.25	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.31	20.50	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.24	21.43	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.50	21.69	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.23	21.42	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.92	21.11	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.92	21.11	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.94	21.13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.71	20.90	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.08	22.27	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.14	22.33	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.04	22.23	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.14	21.33	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.15	21.34	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.18	21.37	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.18	21.37	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.00	22.19	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.06	22.25	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.10	22.29	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.10	21.29	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.11	21.30	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.19	21.38	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.17	21.36	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.35	22.54	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.30	22.49	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.24	22.43	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.13	21.32	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.07	21.26	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.24	21.43	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.05	21.24	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.94	21.13	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.88	21.07	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.84	21.03	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.23	20.42	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.24	20.43	PASS

Band5	3MHz	16QAM	20415	8RB#7	21.26	20.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.09	20.28	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.01	21.20	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.00	21.19	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.99	21.18	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.32	20.51	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.33	20.52	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.43	20.62	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.17	20.36	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.19	21.38	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.72	21.91	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.68	21.87	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.28	20.47	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.14	20.33	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.66	20.85	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.04	20.23	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.10	22.29	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.13	22.32	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.07	22.26	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.21	21.40	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.23	21.42	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.29	21.48	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.20	21.39	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.05	22.24	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.07	22.26	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.14	22.33	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.04	21.23	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.05	21.24	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.25	21.44	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.18	21.37	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.34	22.53	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.28	22.47	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.15	22.34	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.01	21.20	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.15	21.34	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.15	21.34	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.04	21.23	PASS

Band5	5MHz	16QAM	20425	1RB#0	21.52	20.71	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.51	20.70	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.38	20.57	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.12	20.31	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.12	20.31	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.13	20.32	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.23	20.42	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.23	21.42	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.30	21.49	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.32	21.51	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.17	20.36	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.21	20.40	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.25	20.44	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.10	20.29	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.89	21.08	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.06	21.25	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.14	21.33	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.15	20.34	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.16	20.35	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.17	20.36	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.19	20.38	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.09	22.28	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.07	22.26	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.98	22.17	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.21	21.40	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.22	21.41	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.10	21.29	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.96	21.15	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.97	22.16	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.09	22.28	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.13	22.32	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.09	21.28	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.27	21.46	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.19	21.38	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.23	21.42	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.16	22.35	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.23	22.42	PASS

Band5	10MHz	QPSK	20600	1RB#49	23.12	22.31	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.07	21.26	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.11	21.30	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.02	21.21	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.06	21.25	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.28	21.47	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.16	21.35	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.97	21.16	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.04	20.23	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.05	20.24	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.97	20.16	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.66	20.85	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.96	21.15	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.84	21.03	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.77	20.96	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.33	20.52	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.34	20.53	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.25	20.44	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.21	20.40	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.68	21.87	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.66	21.85	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.57	21.76	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.19	20.38	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.26	20.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.33	20.52	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.65	20.84	PASS

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

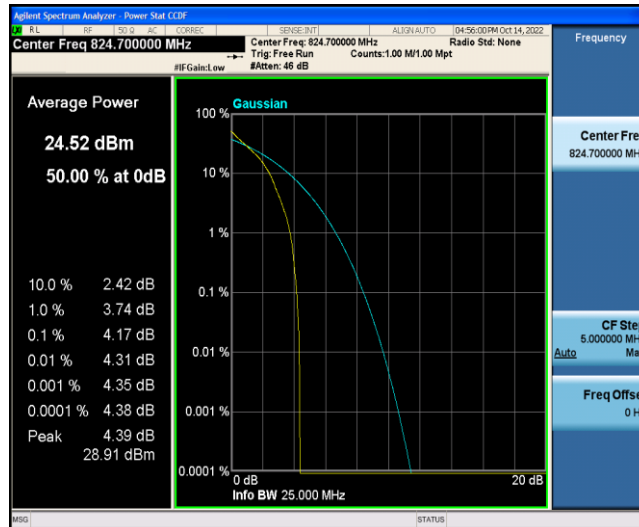
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.17	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	4.81	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.73	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.18	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	5.10	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.54	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	4.97	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.62	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.56	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.91	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.98	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.06	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.11	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.81	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.75	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.21	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	5.07	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.56	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.11	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.79	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	6.04	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.96	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	6.16	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.43	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.32	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.96	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.03	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.21	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.07	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.56	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.40	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.78	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.89	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.88	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.96	13	PASS

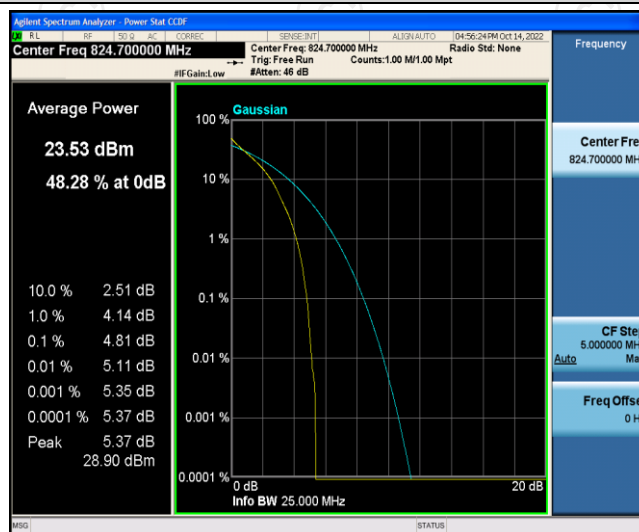
Band5	5MHz	16QAM	20625	25RB#0	6.21	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.14	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.20	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.90	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.18	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.50	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.48	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.07	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.79	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.89	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.94	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.57	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.07	13	PASS

Test Graphs

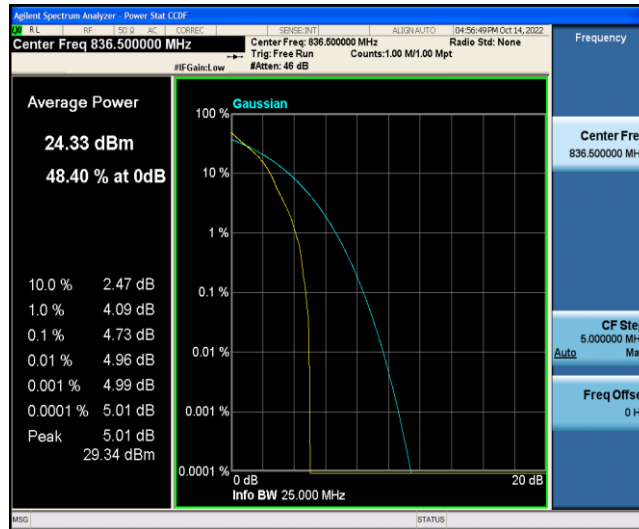
Band5-1.4MHz-QPSK-20407-1RB#0



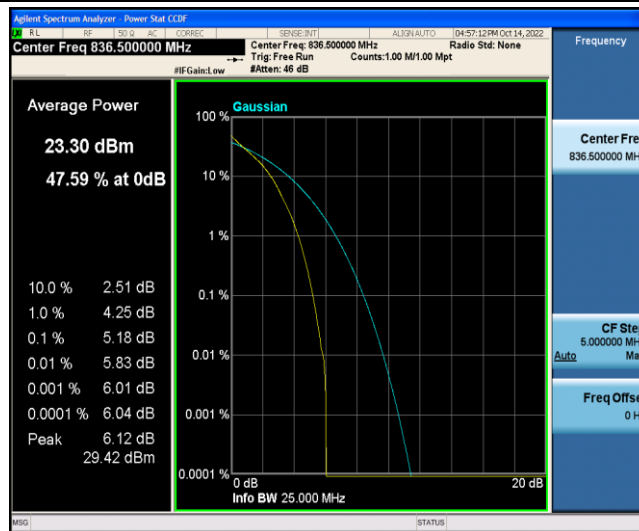
Band5-1.4MHz-QPSK-20407-6RB#0



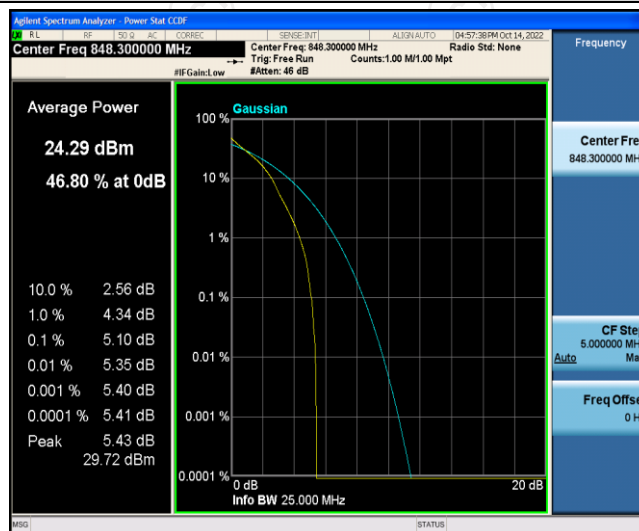
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Band5-1.4MHz-QPSK-20525-6RB#0



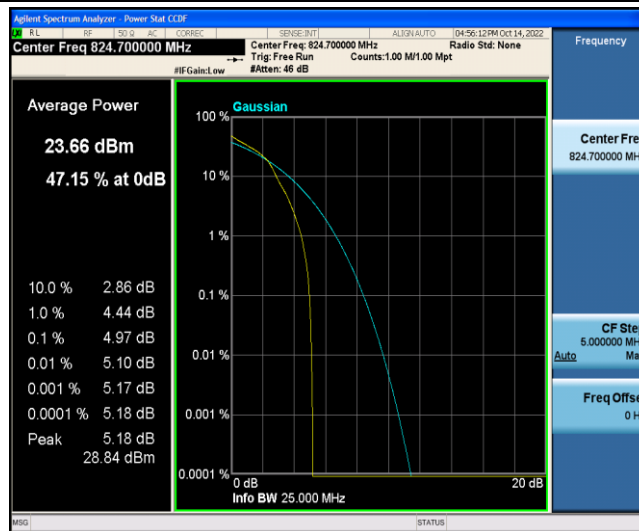
Band5-1.4MHz-QPSK-20643-1RB#0



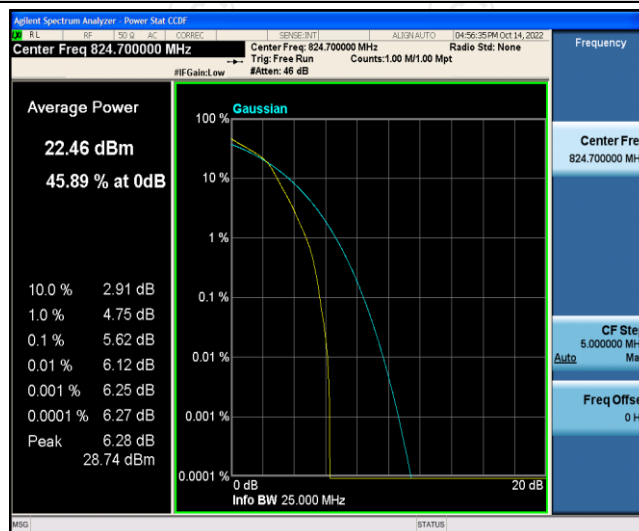
Band5-1.4MHz-QPSK-20643-6RB#0



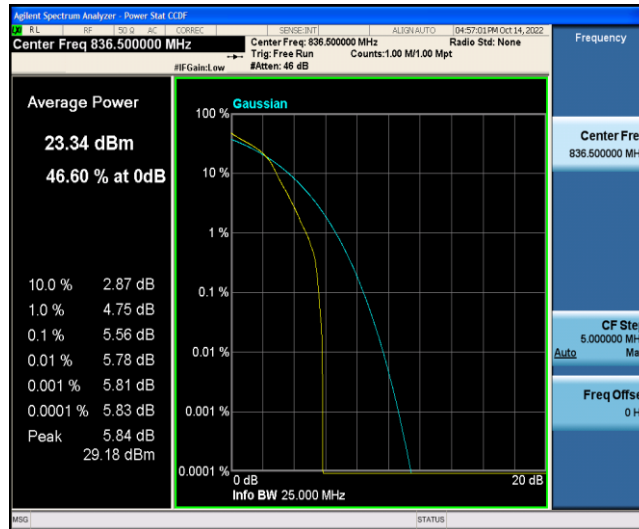
Band5-1.4MHz-16QAM-20407-1RB#0



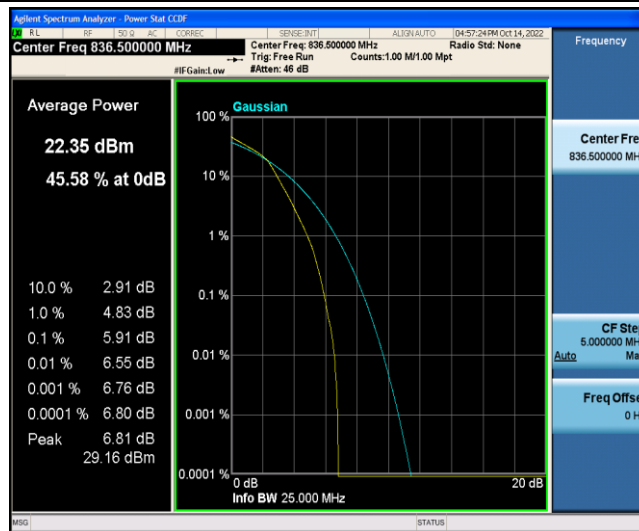
Band5-1.4MHz-16QAM-20407-6RB#0



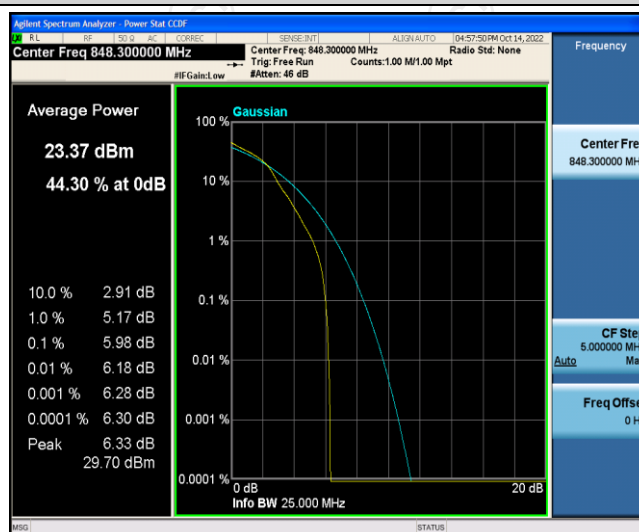
Band5-1.4MHz-16QAM-20525-1RB#0



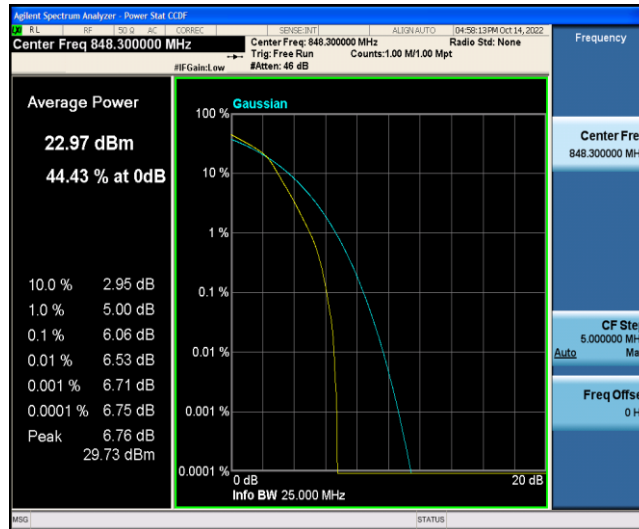
Band5-1.4MHz-16QAM-20525-6RB#0



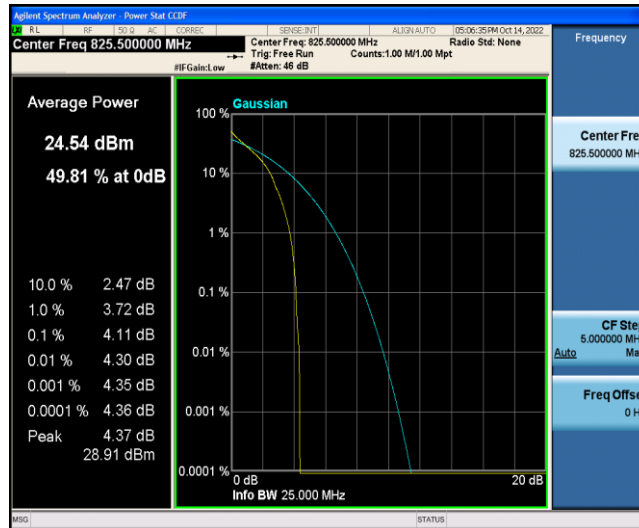
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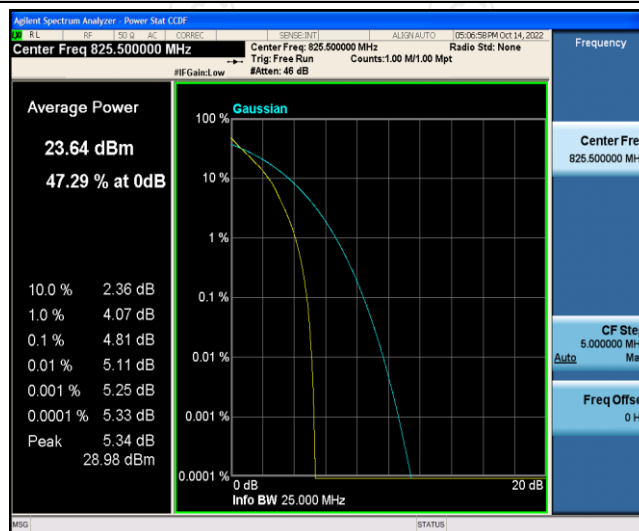
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Band5-3MHz-QPSK-20415-1RB#0



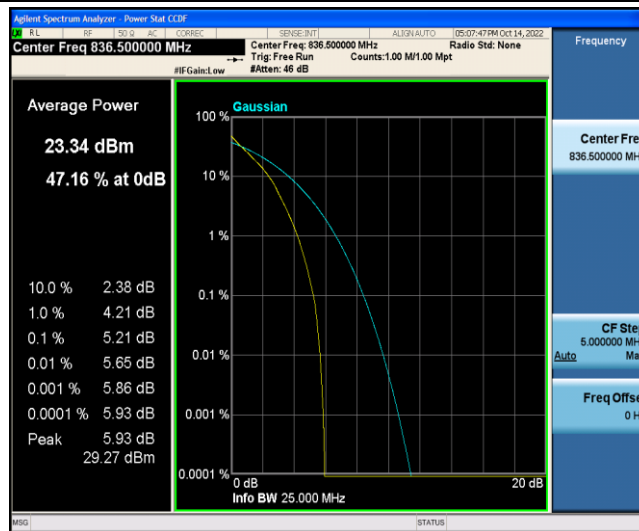
Band5-3MHz-QPSK-20415-15RB#0



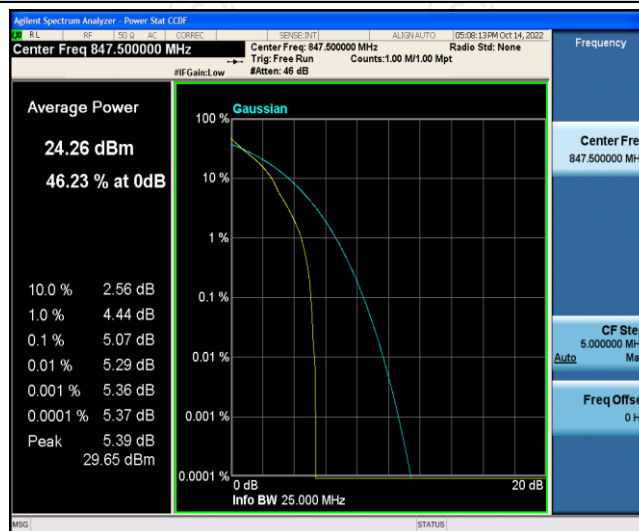
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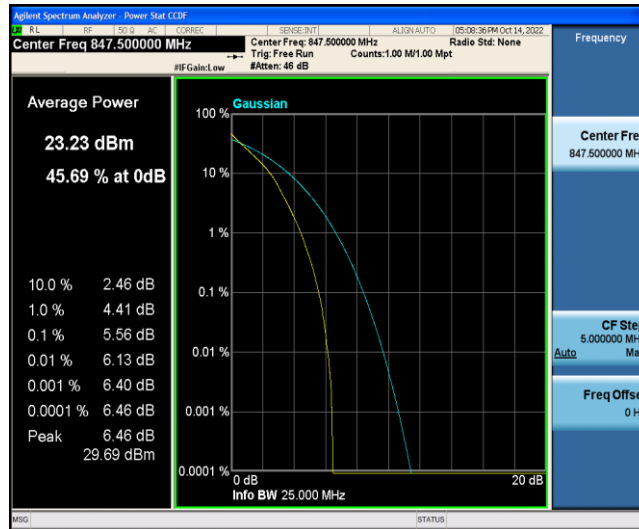
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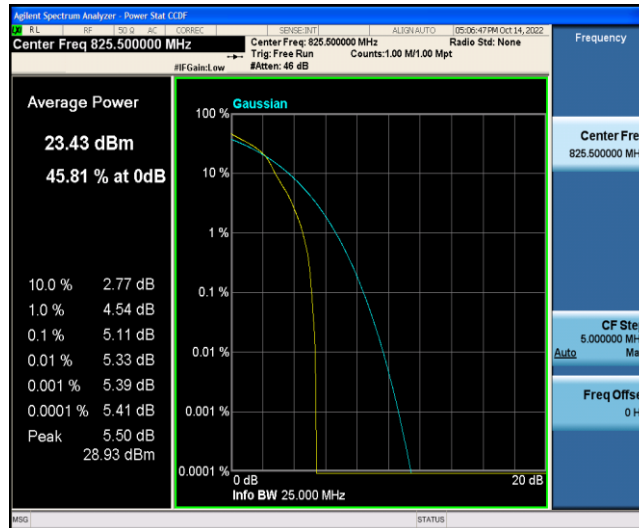
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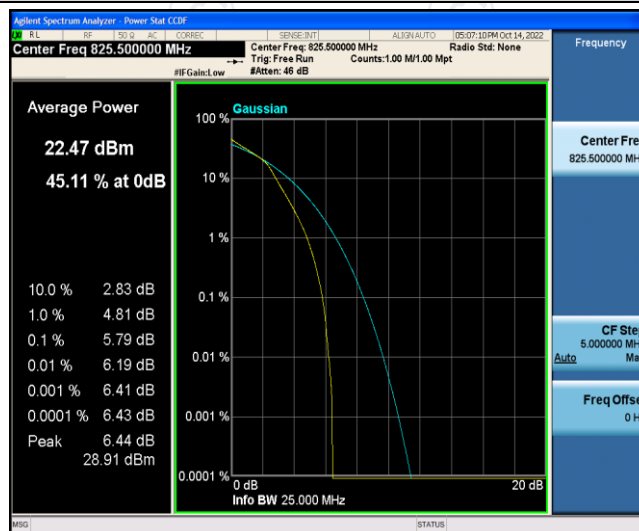
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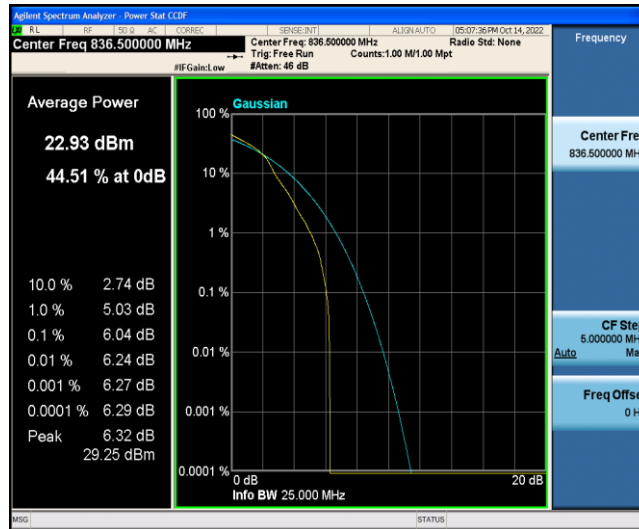
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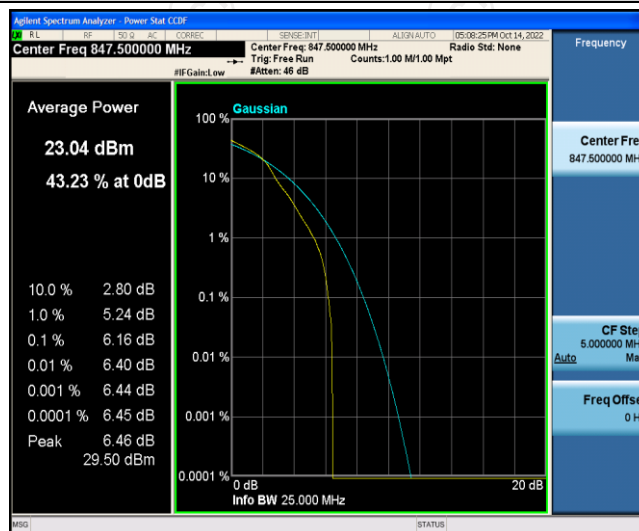
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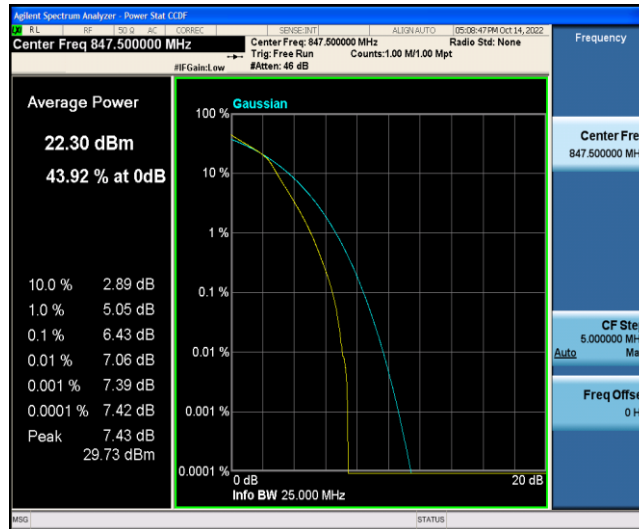
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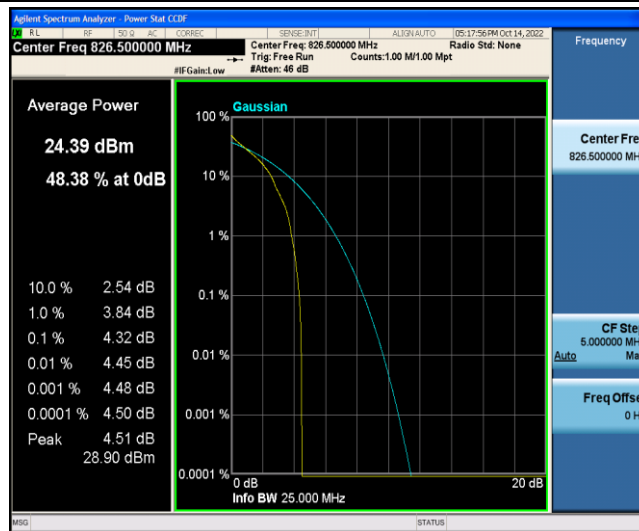
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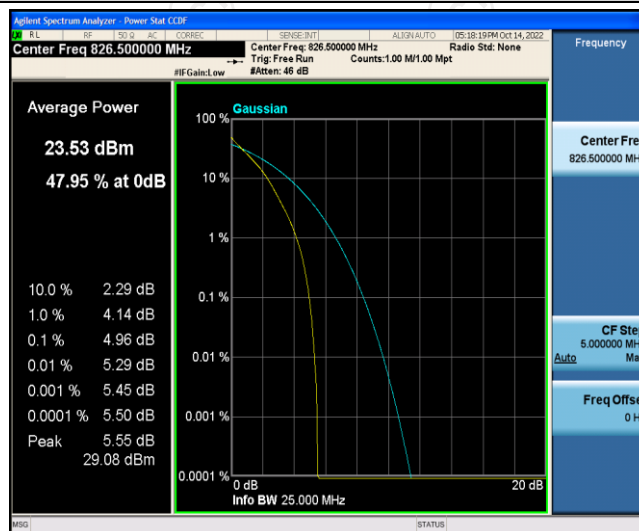
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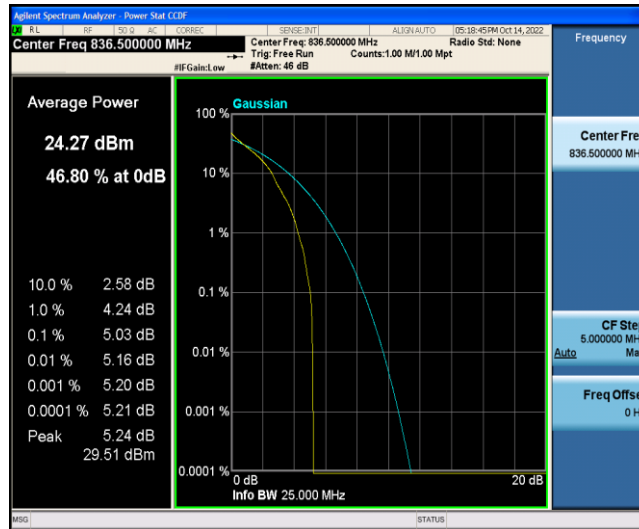
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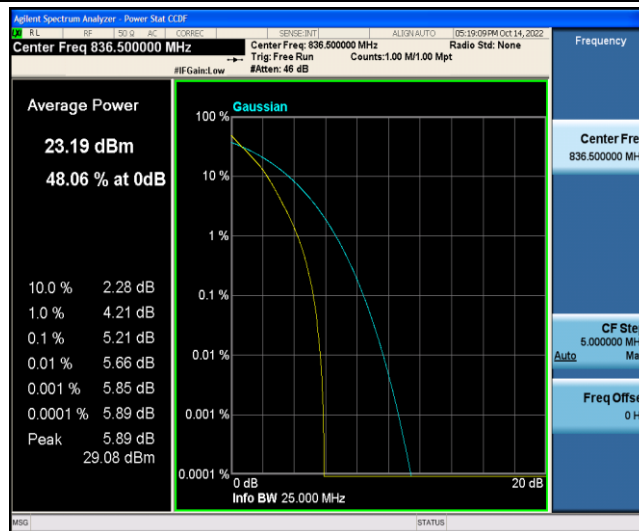
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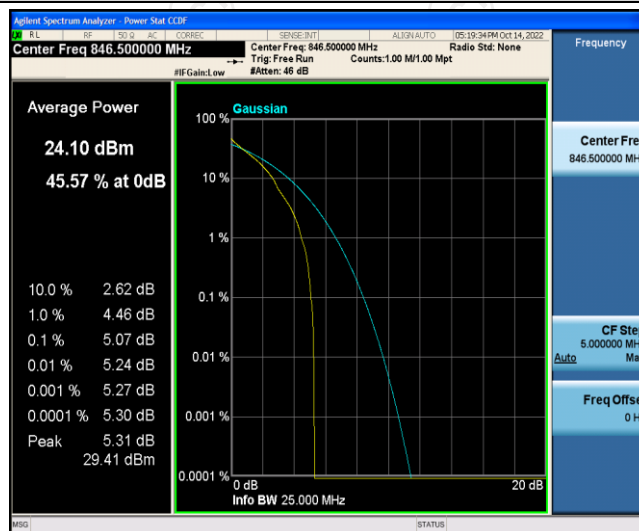
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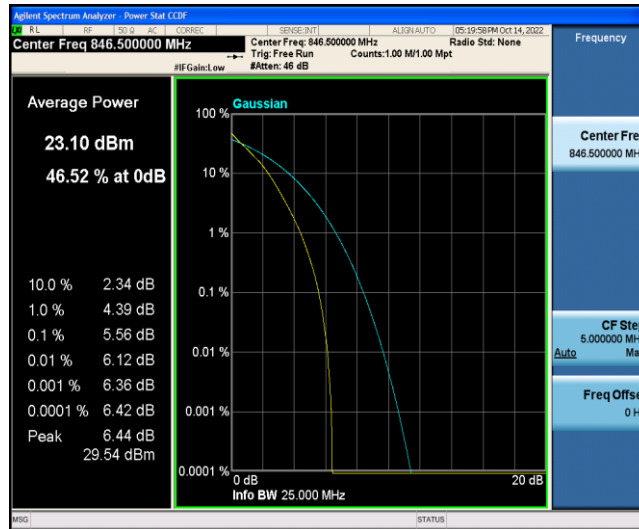
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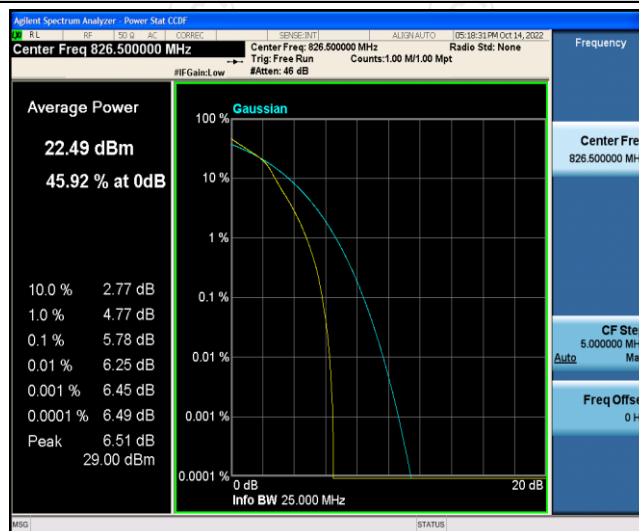
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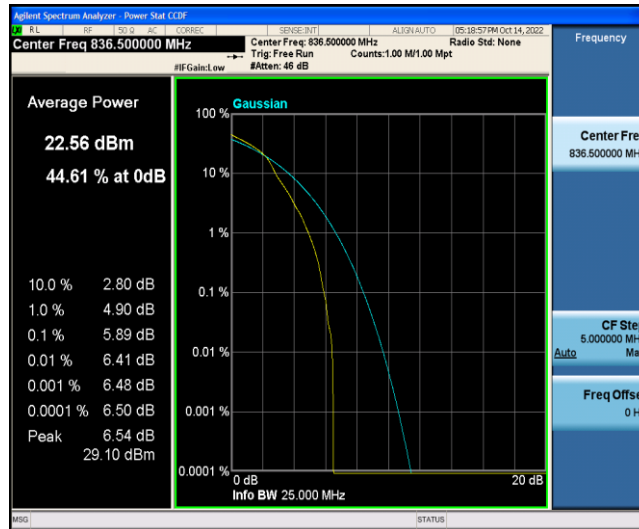
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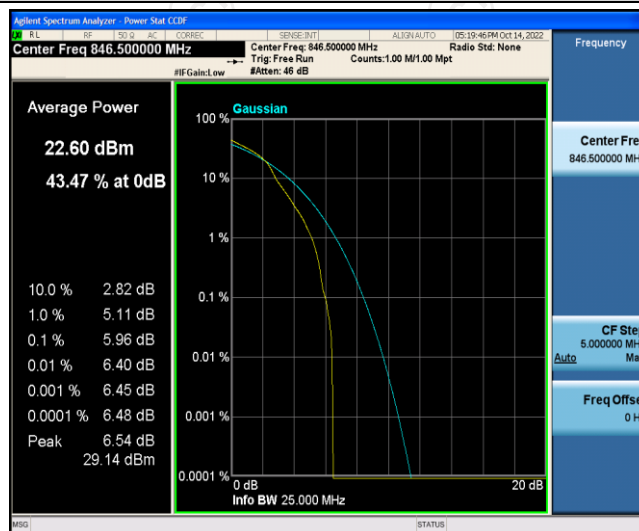
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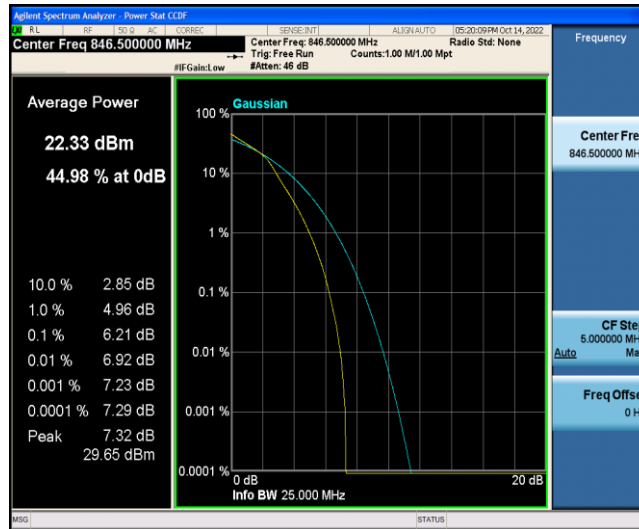
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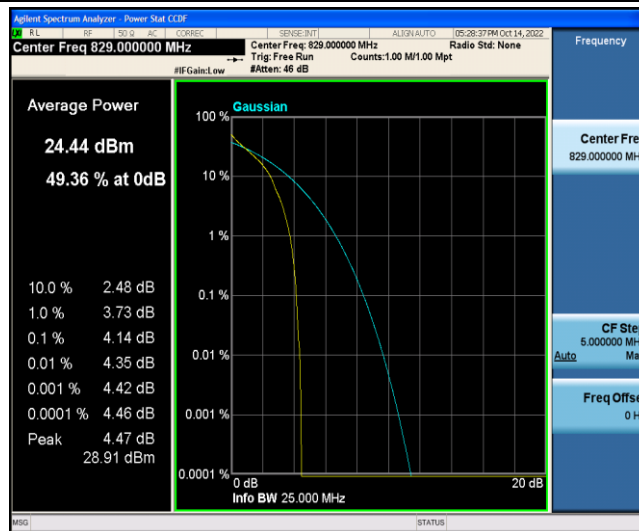
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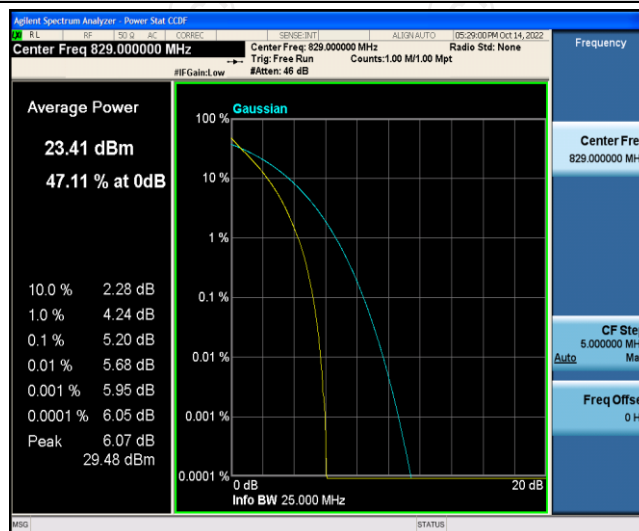
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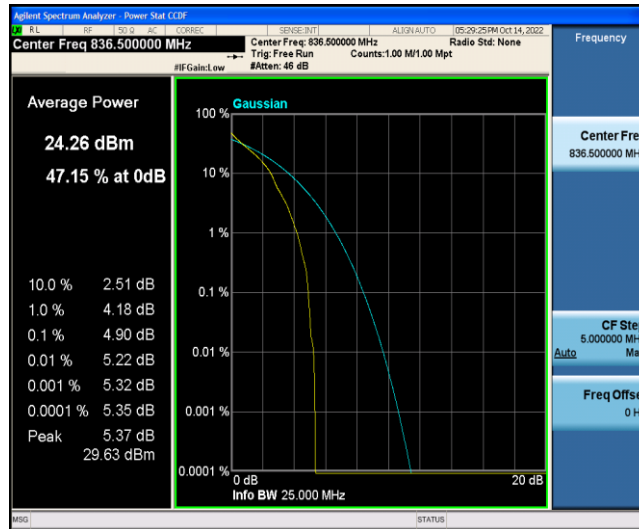
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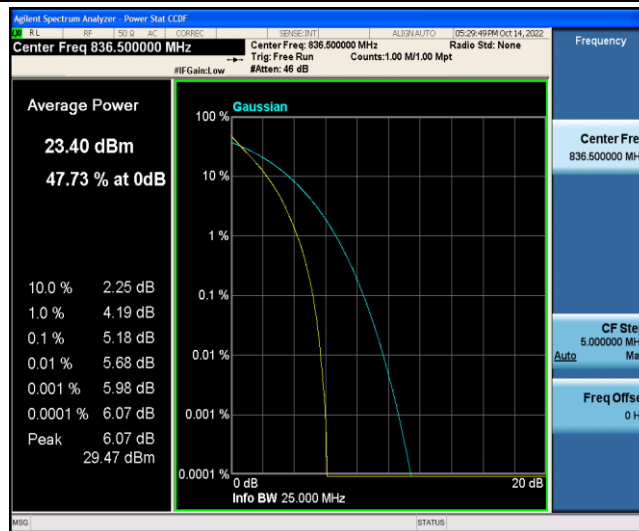
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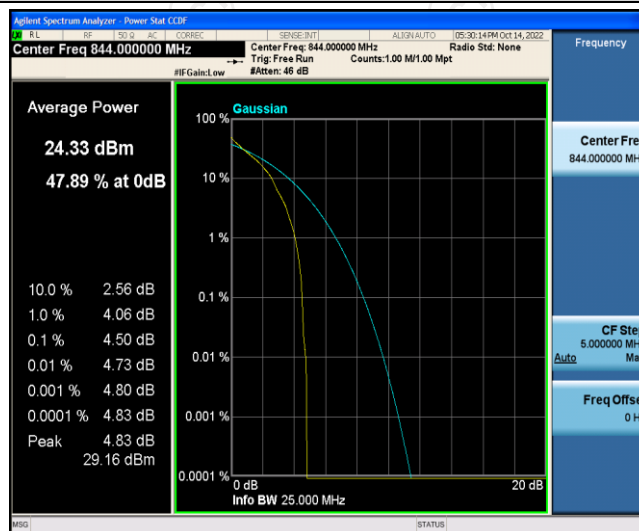
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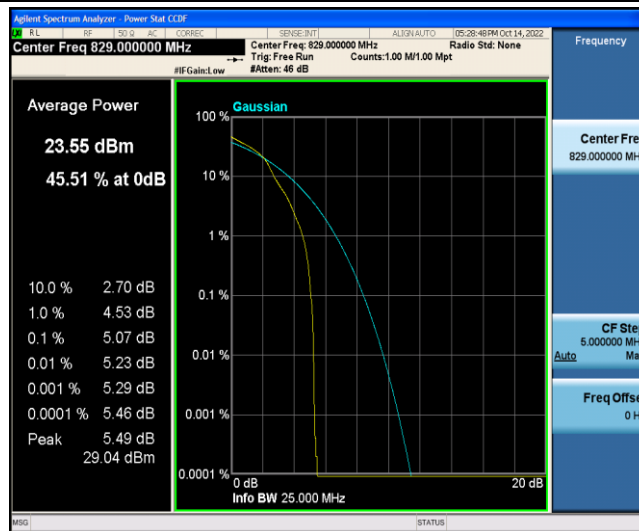
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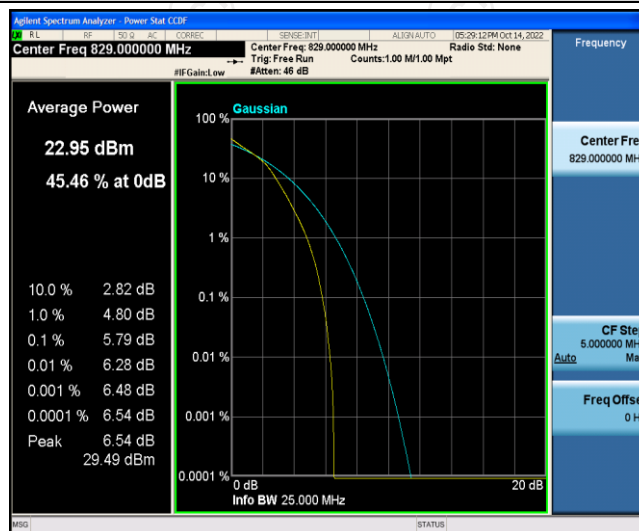
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Band5-10MHz-16QAM-20450-1RB#0



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



Band5-10MHz-16QAM-20525-1RB#0