

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	22.10	20.25	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.06	20.21	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.14	20.29	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.13	20.28	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.16	20.31	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.19	20.34	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.17	19.32	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.14	20.29	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.27	20.42	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.10	20.25	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.19	20.34	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.17	20.32	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.22	20.37	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.20	19.35	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.16	20.31	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.30	20.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.15	20.30	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.29	20.44	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.28	20.43	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.29	20.44	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.22	19.37	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.18	19.33	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.31	19.46	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.28	19.43	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.06	19.21	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.10	19.25	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.12	19.27	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.06	18.21	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.01	19.16	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.24	19.39	PASS

Band5	1.4MHz	16QAM	20525	1RB#5	20.98	19.13	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.06	19.21	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.08	19.23	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.03	19.18	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.20	18.35	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.27	19.42	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.52	19.67	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.28	19.43	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.18	19.33	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.21	19.36	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.17	19.32	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.28	18.43	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.15	20.30	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.15	20.30	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.21	20.36	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.14	19.29	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.18	19.33	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.16	19.31	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.12	19.27	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.17	20.32	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.14	20.29	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.16	20.31	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.15	19.30	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.18	19.33	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.18	19.33	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.17	19.32	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.28	20.43	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.21	20.36	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.25	20.40	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.22	19.37	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.23	19.38	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.22	19.37	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.22	19.37	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.33	19.48	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.29	19.44	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.30	19.45	PASS

Band5	3MHz	16QAM	20415	8RB#0	20.26	18.41	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.25	18.40	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.25	18.40	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.22	18.37	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.37	19.52	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.32	19.47	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.31	19.46	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.21	18.36	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.22	18.37	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.27	18.42	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.11	18.26	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.14	19.29	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.13	19.28	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.17	19.32	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.29	18.44	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.29	18.44	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.31	18.46	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.22	18.37	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.14	20.29	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.26	20.41	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.20	20.35	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.19	19.34	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.26	19.41	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.13	19.28	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.20	19.35	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.22	20.37	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.27	20.42	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.14	20.29	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.09	19.24	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.07	19.22	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.15	19.30	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.20	19.35	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.26	20.41	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.34	20.49	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.24	20.39	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.16	19.31	PASS

Band5	5MHz	QPSK	20625	12RB#6	21.24	19.39	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.26	19.41	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.24	19.39	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.07	19.22	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.25	19.40	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.14	19.29	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.29	18.44	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.26	18.41	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.17	18.32	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.24	18.39	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.32	19.47	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.42	19.57	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.30	19.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.26	18.41	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.21	18.36	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.33	18.48	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.25	18.40	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.23	19.38	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.26	19.41	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.20	19.35	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.33	18.48	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.30	18.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.32	18.47	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.34	18.49	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.11	20.26	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.24	20.39	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.14	20.29	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.39	19.54	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.39	19.54	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.23	19.38	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.34	19.49	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.23	20.38	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.24	20.39	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.24	20.39	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.15	19.30	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.16	19.31	PASS

Band5	10MHz	QPSK	20525	25RB#25	21.18	19.33	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.15	19.30	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.19	20.34	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.33	20.48	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.22	20.37	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.44	19.59	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.38	19.53	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.33	19.48	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.39	19.54	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.30	19.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.46	19.61	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.32	19.47	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.40	18.55	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.37	18.52	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.30	18.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.30	18.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.35	19.50	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.40	19.55	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.31	19.46	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.20	18.35	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.19	18.34	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.24	18.39	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.24	18.39	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.06	19.21	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.25	19.40	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.15	19.30	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.52	18.67	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.48	18.63	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.39	18.54	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.43	18.58	PASS

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

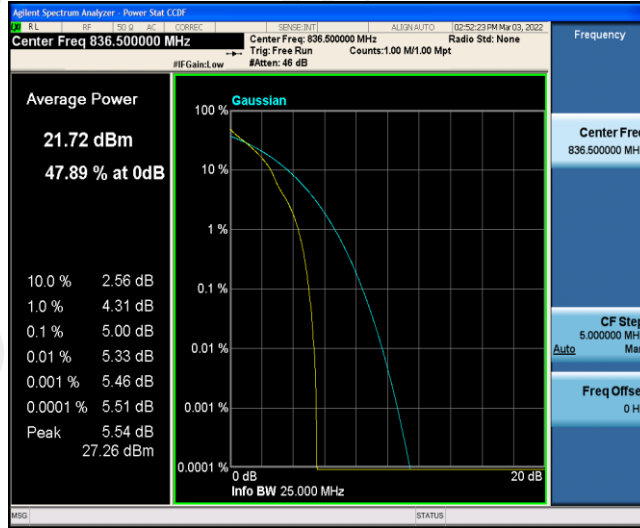
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.22	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.48	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.00	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.28	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	5.33	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.63	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.15	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.15	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.90	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.13	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.87	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.44	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.05	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.55	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.90	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.35	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	5.33	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.61	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	6.01	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.35	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.62	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.16	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	6.43	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.50	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.23	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.64	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.31	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.46	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.33	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.81	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.95	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.38	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.96	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.19	13	PASS

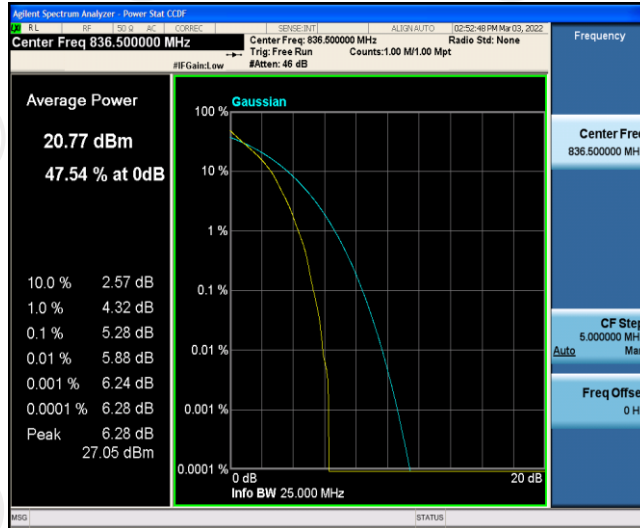
Band5	5MHz	16QAM	20625	1RB#0	5.80	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.48	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.12	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.75	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.29	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.50	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.02	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.72	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.96	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.42	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.91	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.27	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.87	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.50	13	PASS

Test Graphs

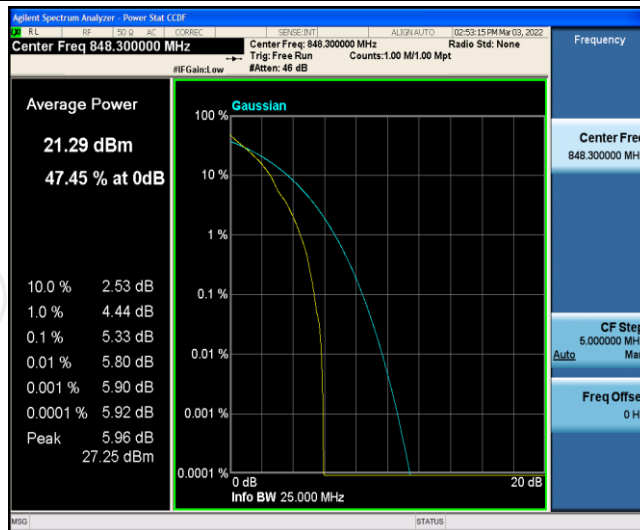




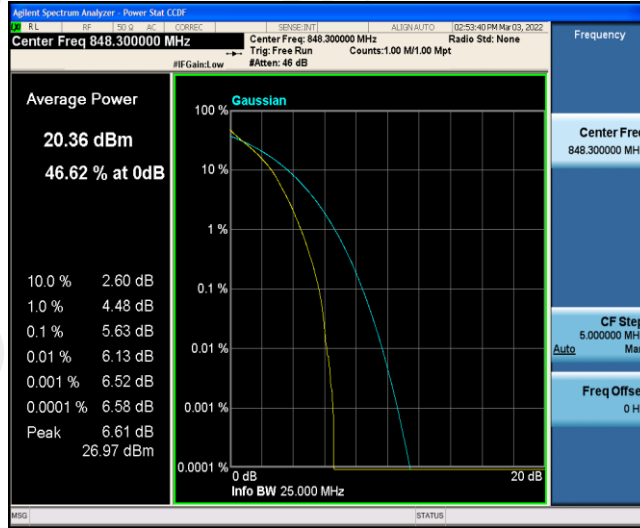
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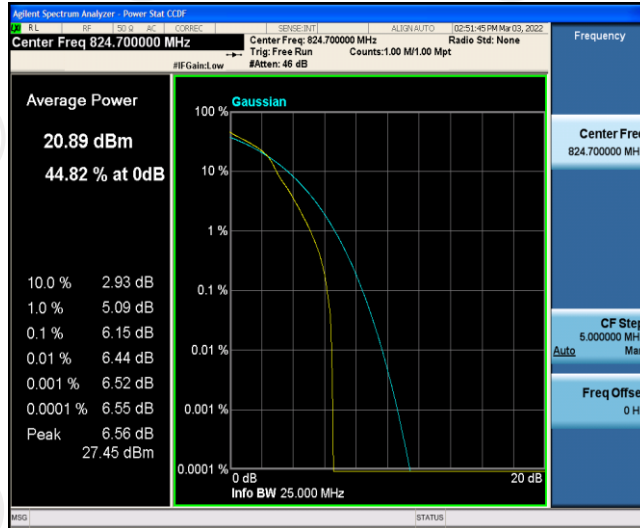
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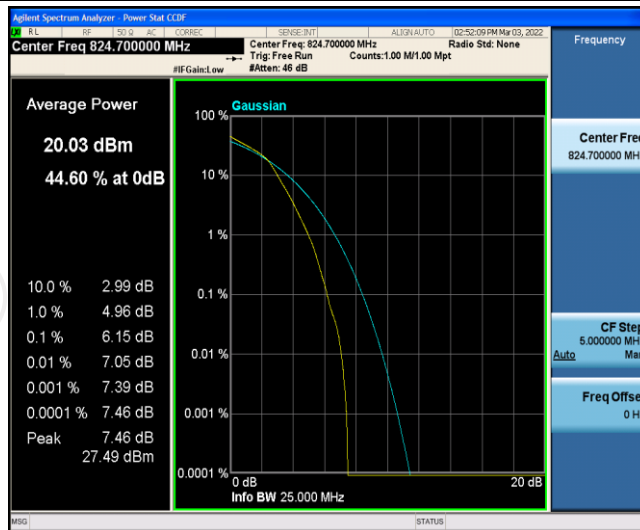
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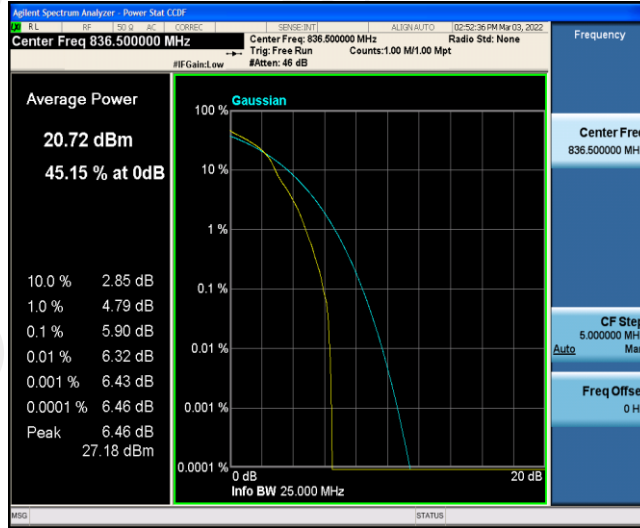
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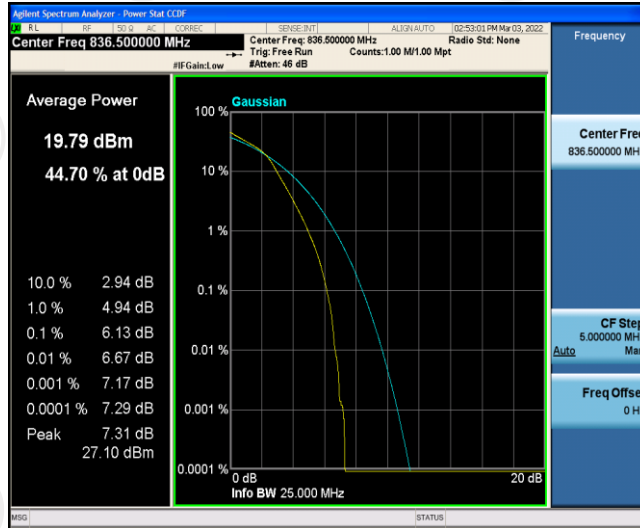
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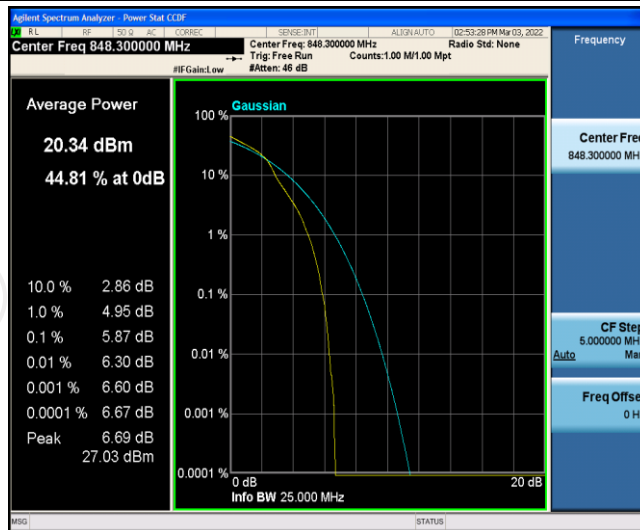
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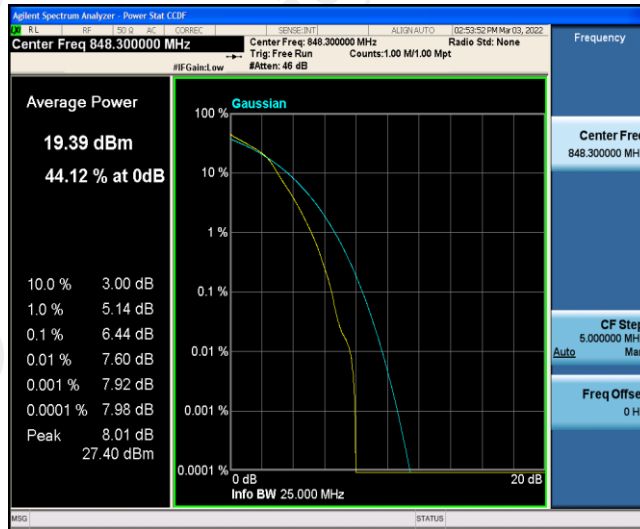
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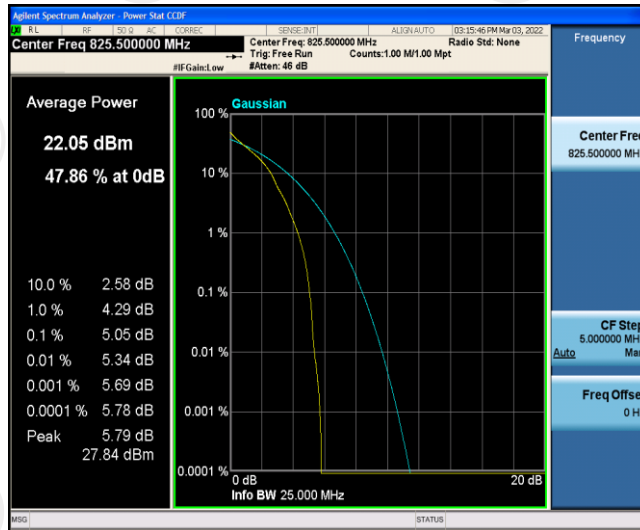
Band5-1.4MHz-16QAM-20643-1RB#0



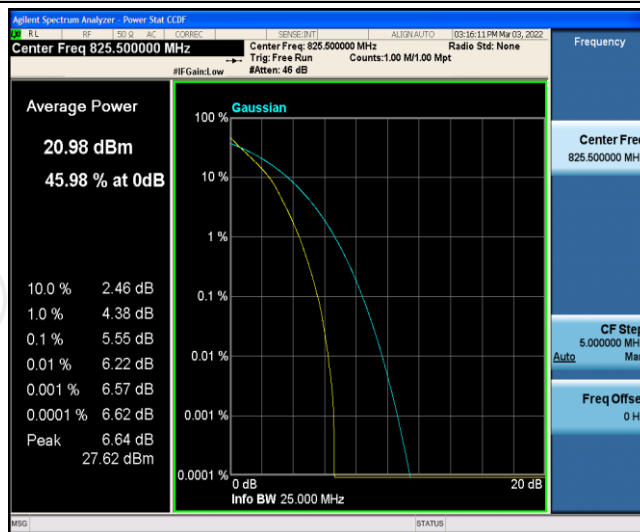
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Band5-3MHz-QPSK-20415-1RB#0



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



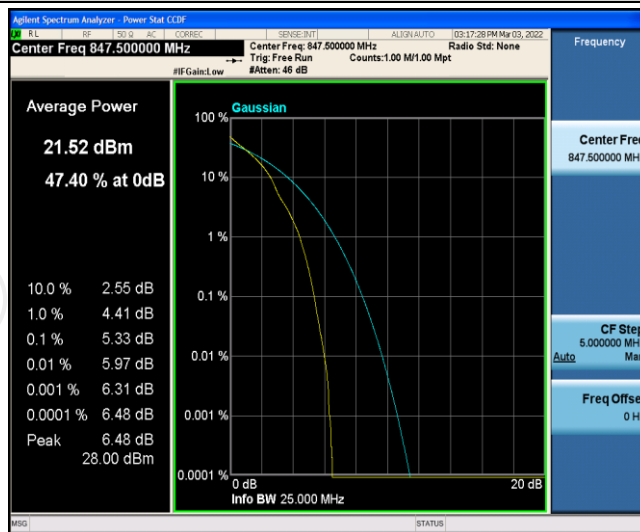
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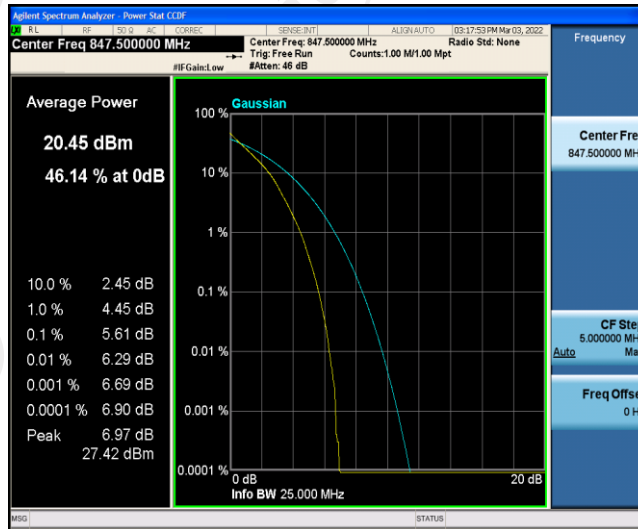
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Band5-3MHz-QPSK-20635-1RB#0



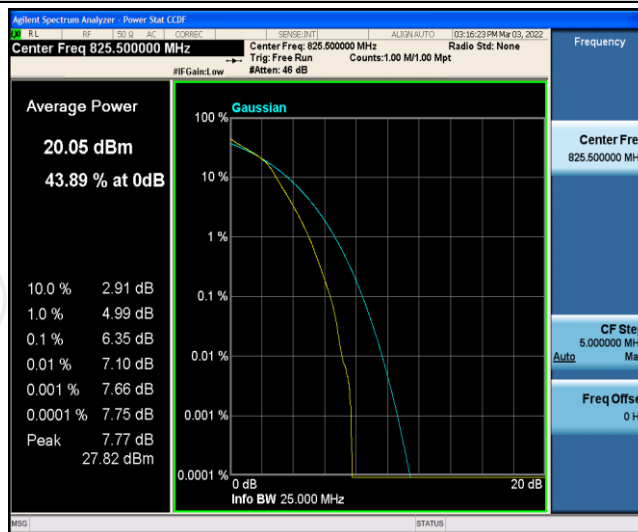
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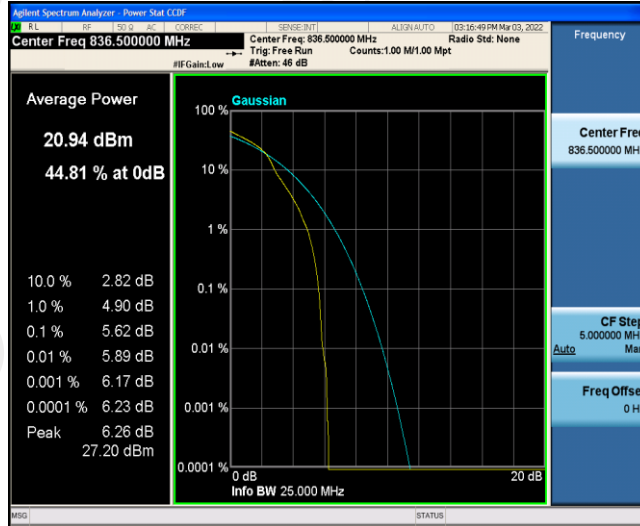
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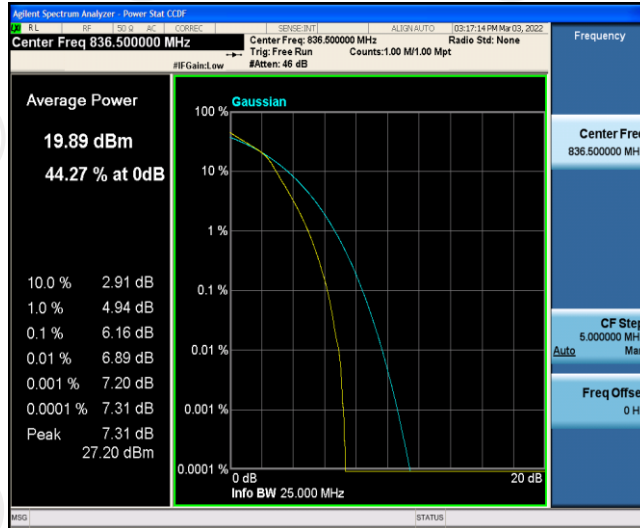
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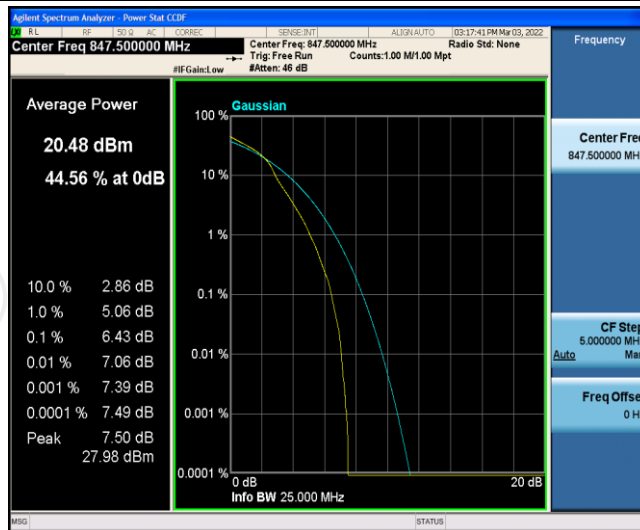
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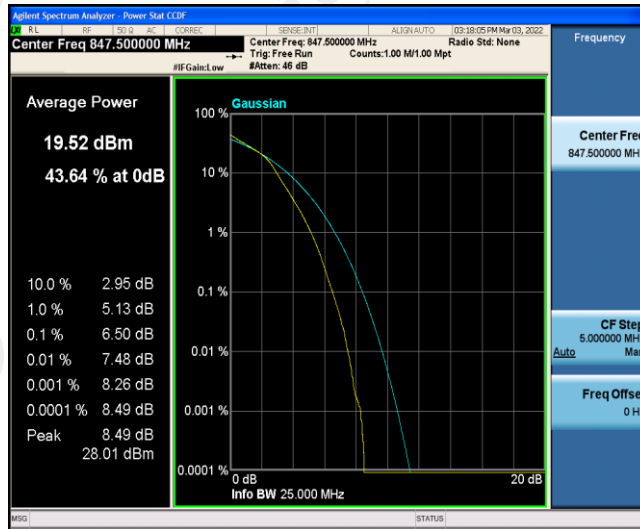
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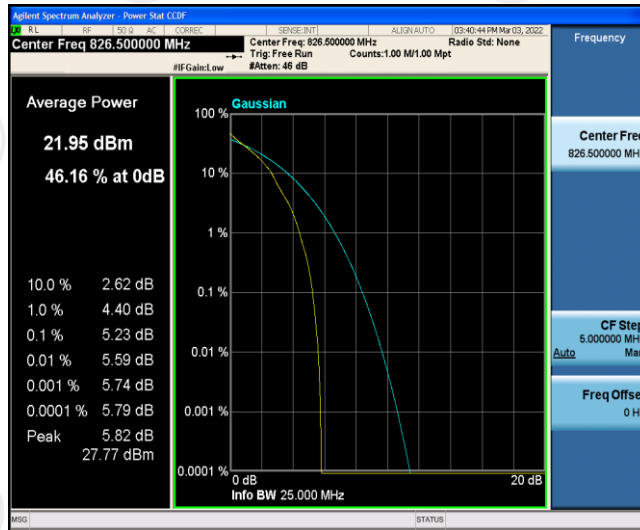
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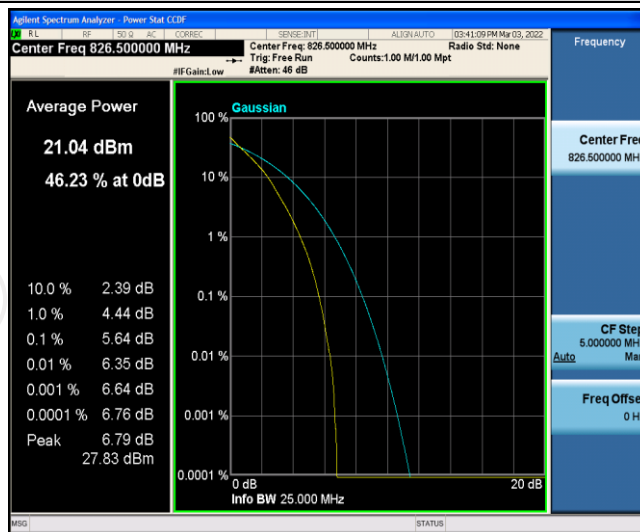
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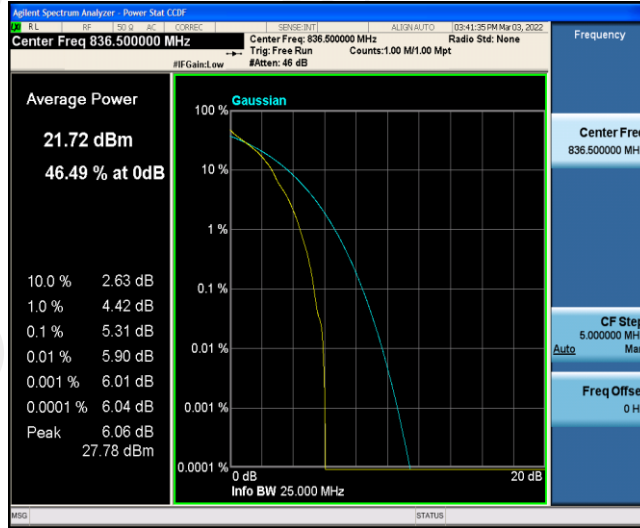
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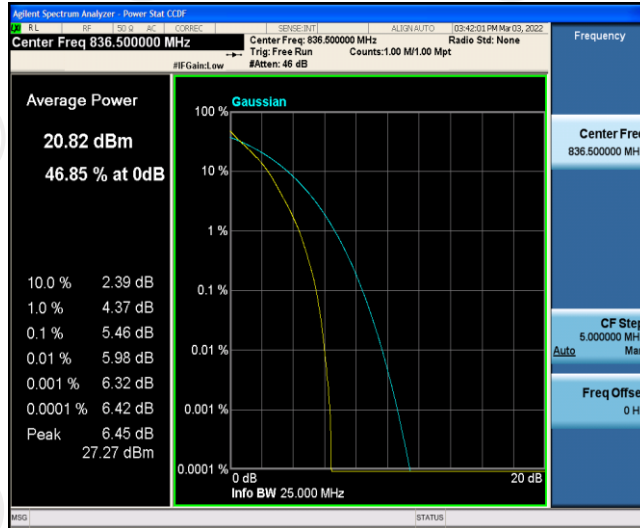
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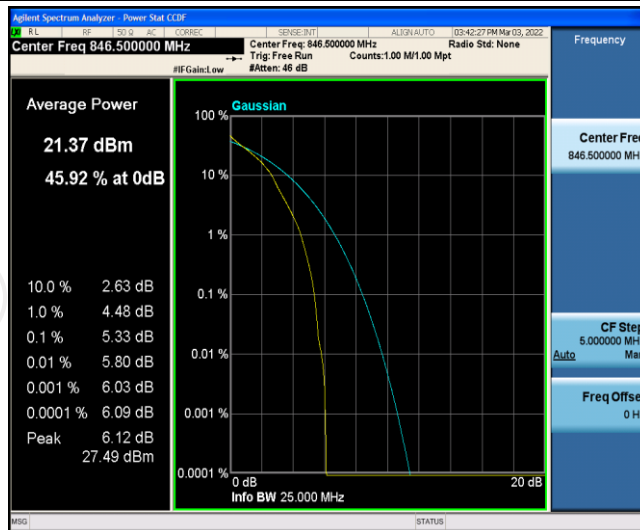
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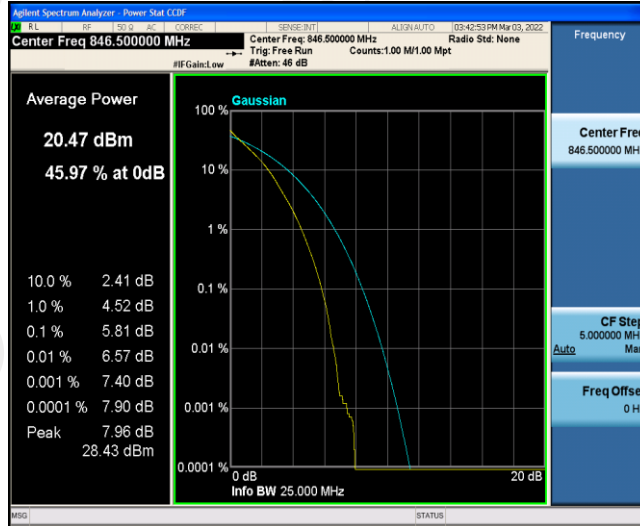
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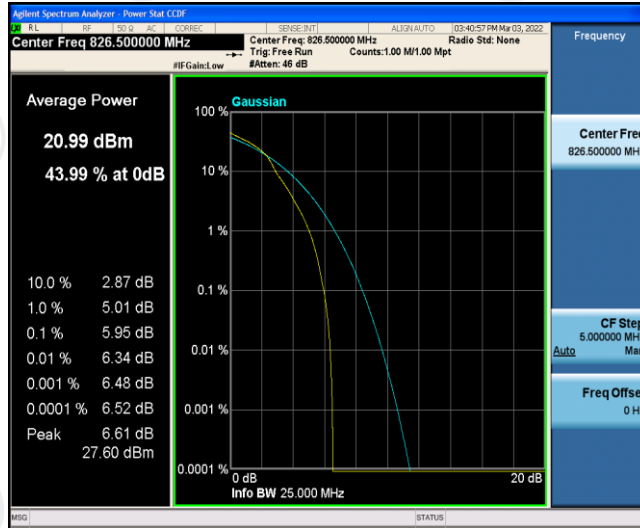
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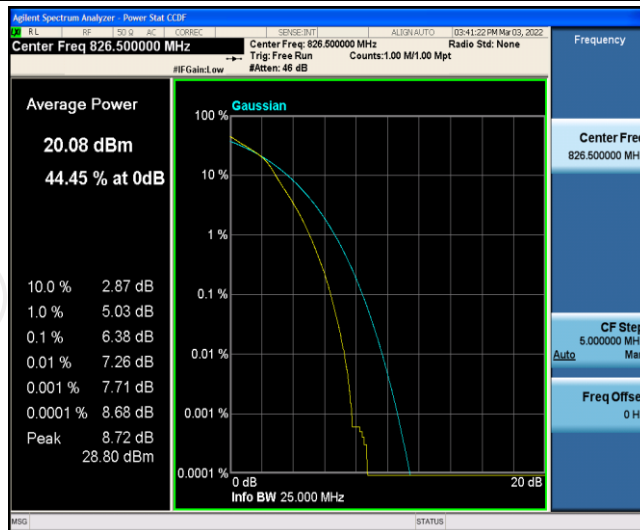
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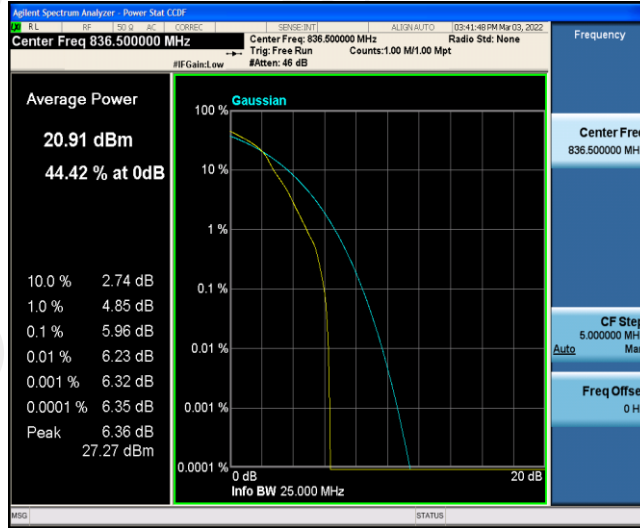
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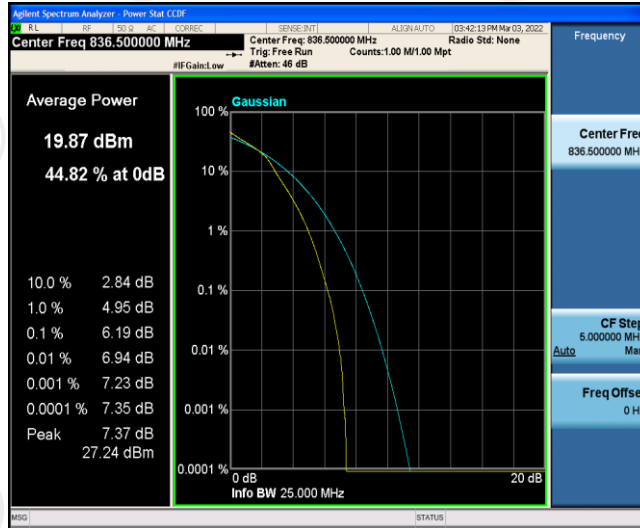
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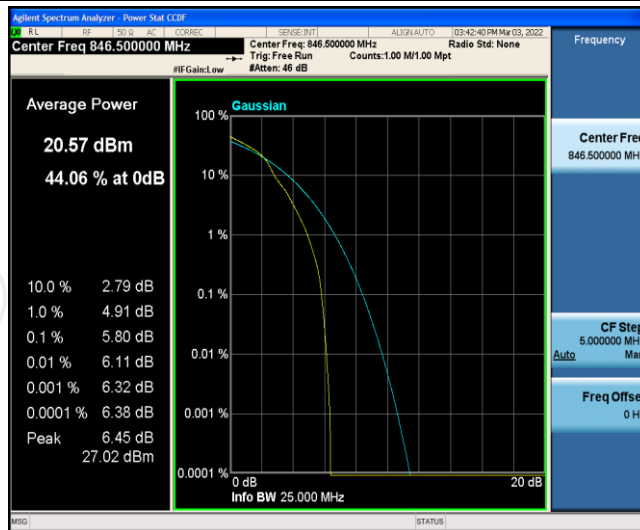
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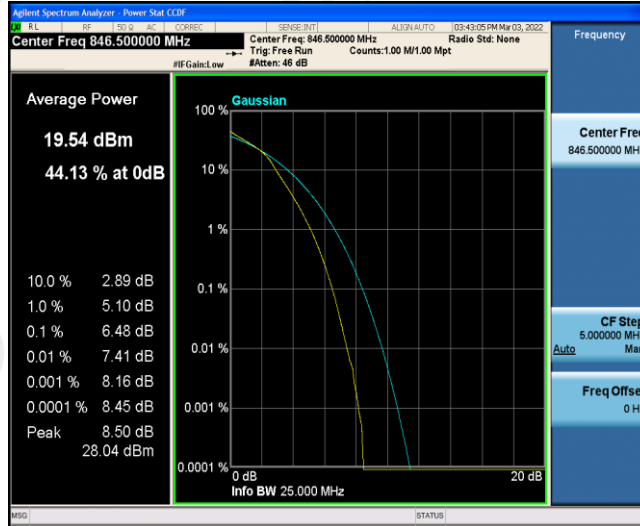
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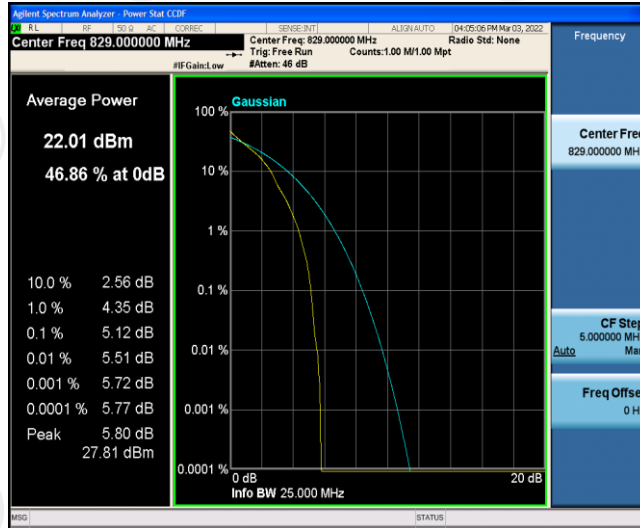
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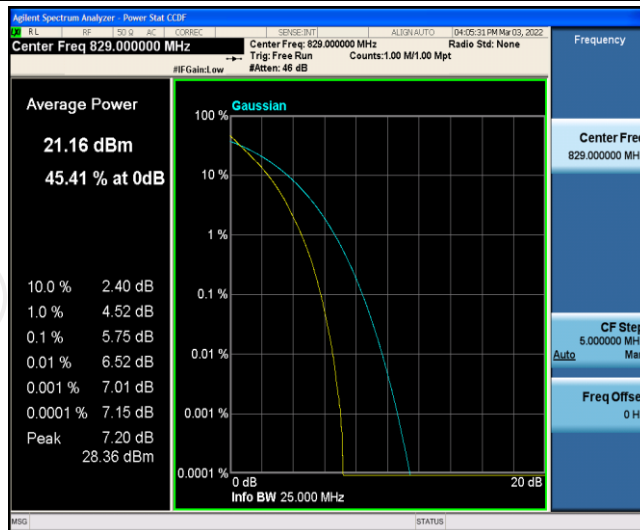
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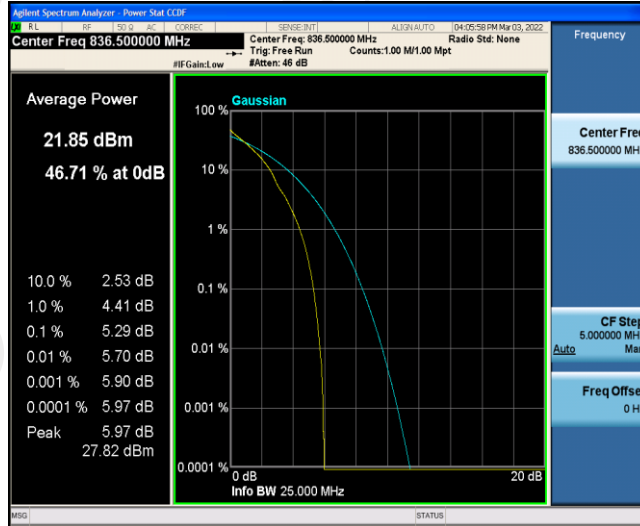
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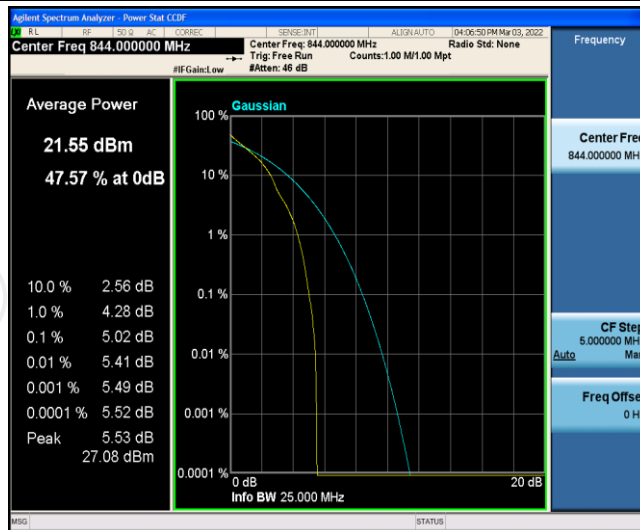
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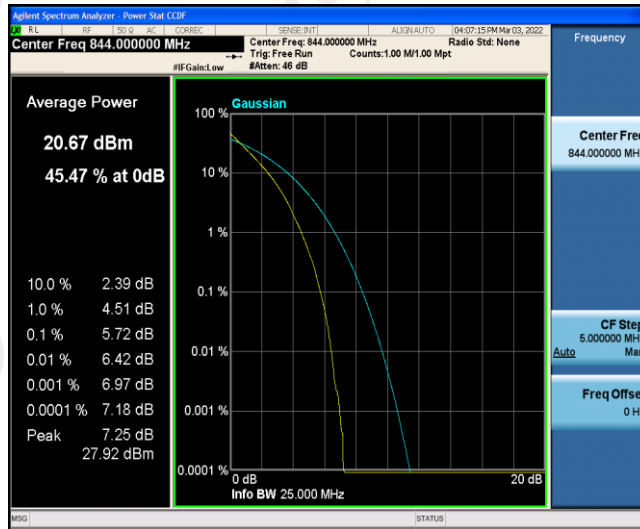
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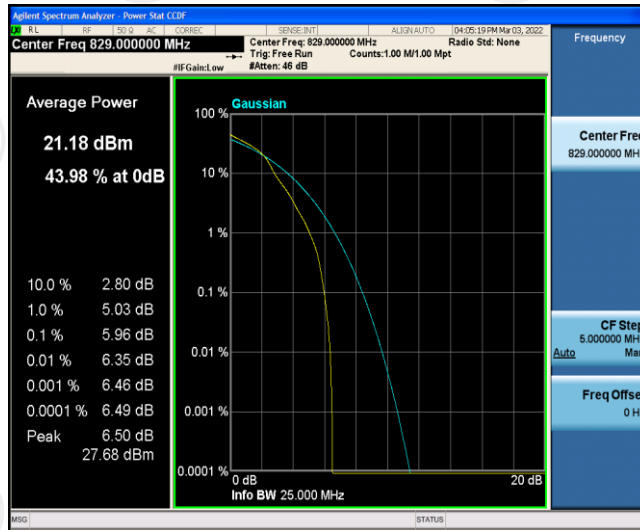
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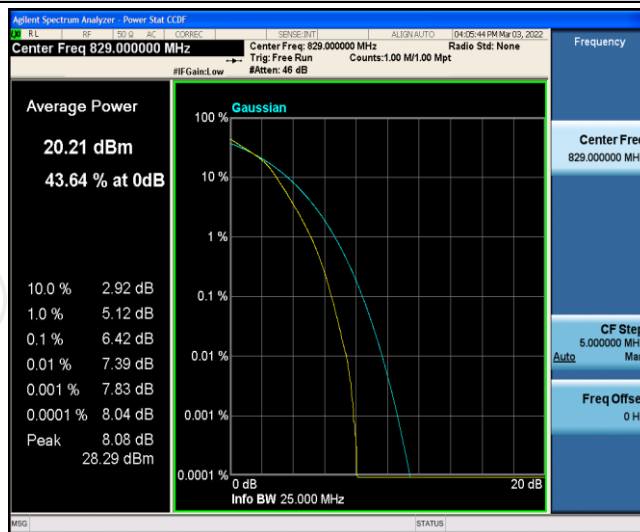
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Band5-10MHz-16QAM-20450-1RB#0



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



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