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	24.02	22.46	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.99	22.43	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.05	22.49	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.90	22.34	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.01	22.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.90	22.34	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.88	21.32	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.05	22.49	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.87	22.31	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	**24.11**	**22.55**	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.02	22.46	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.99	22.43	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.88	22.32	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.96	21.40	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.97	22.41	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.01	22.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.02	22.46	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.94	22.38	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.90	22.34	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.86	22.30	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.04	21.48	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.68	21.12	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.69	21.13	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.64	21.08	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.65	21.09	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.63	21.07	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.61	21.05	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.97	20.41	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	**22.80**	**21.24**	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.64	21.08	PASS

Band5	1.4MHz	16QAM	20525	1RB#5	22.61	21.05	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.59	21.03	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.54	20.98	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.60	21.04	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.06	20.50	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.70	21.14	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.64	21.08	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.56	21.00	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.38	20.82	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.40	20.84	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.48	20.92	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.03	20.47	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.85	22.29	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.90	22.34	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.81	22.25	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.02	21.46	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.02	21.46	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.03	21.47	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.92	21.36	PASS
Band5	3MHz	QPSK	20525	1RB#0	**24.13**	**22.57**	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.11	22.55	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.06	22.50	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.99	21.43	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.21	21.65	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.93	21.37	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.02	21.46	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.95	22.39	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.93	22.37	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.93	22.37	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.99	21.43	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.19	21.63	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.07	21.51	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.98	21.42	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.64	21.08	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.55	20.99	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.61	21.05	PASS

Band5	3MHz	16QAM	20415	8RB#0	22.09	20.53	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.10	20.54	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.10	20.54	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.01	20.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.88	21.32	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.66	21.10	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.62	21.06	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.31	20.75	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.33	20.77	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.15	20.59	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.83	20.27	PASS
Band5	3MHz	16QAM	20635	1RB#0	**23.38**	**21.82**	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.36	21.80	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.21	21.65	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.64	21.08	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.72	21.16	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.09	20.53	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.62	21.06	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.83	22.27	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.88	22.32	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.92	22.36	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.03	21.47	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.94	21.38	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.93	21.37	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.96	21.40	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.95	22.39	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.94	22.38	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.92	22.36	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.23	21.67	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.21	21.65	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.93	21.37	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.04	21.48	PASS
Band5	5MHz	QPSK	20625	1RB#0	**24.20**	**22.64**	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.03	22.47	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.06	22.50	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.89	21.33	PASS

Band5	5MHz	QPSK	20625	12RB#6	22.86	21.30	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.92	21.36	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.15	21.59	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.29	20.73	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.31	20.75	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.19	20.63	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.94	20.38	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.96	20.40	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.97	20.41	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.04	20.48	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.11	21.55	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.05	21.49	PASS
Band5	5MHz	16QAM	20525	1RB#24	**23.24**	**21.68**	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.35	20.79	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.34	20.78	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.07	20.51	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.01	20.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.69	21.13	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.83	21.27	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.71	21.15	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.90	20.34	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.94	20.38	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.49	20.93	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.64	21.08	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.75	22.19	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.85	22.29	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.83	22.27	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.03	21.47	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.94	21.38	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.98	21.42	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.87	21.31	PASS
Band5	10MHz	QPSK	20525	1RB#0	**24.20**	**22.64**	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.13	22.57	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.04	22.48	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.16	21.60	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.06	21.50	PASS

Band5	10MHz	QPSK	20525	25RB#25	22.98	21.42	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.98	21.42	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.91	22.35	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.87	22.31	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.92	22.36	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.95	21.39	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.98	21.42	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.10	21.54	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.89	21.33	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.80	21.24	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.73	21.17	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.77	21.21	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.11	20.55	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.11	20.55	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.26	20.70	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.93	20.37	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.62	22.06	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.54	21.98	PASS
Band5	10MHz	16QAM	20525	1RB#49	**23.66**	**22.10**	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.29	20.73	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.25	20.69	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.98	20.42	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.99	20.43	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.06	21.50	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.89	21.33	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.94	21.38	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.59	21.03	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.60	21.04	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.64	21.08	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.63	21.07	PASS

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

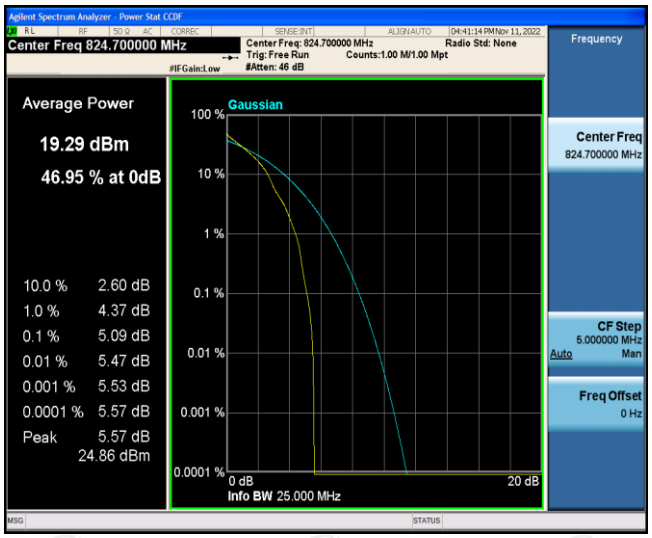
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.09	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.33	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	6.02	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	6.02	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	5.58	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.60	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.17	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.27	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	6.66	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.54	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	6.59	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.33	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.00	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.14	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.70	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.79	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	5.43	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.71	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	6.05	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.94	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	6.77	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.59	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	6.29	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.50	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.05	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.95	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	6.08	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.88	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.71	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.86	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.84	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.49	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	6.38	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.51	13	PASS

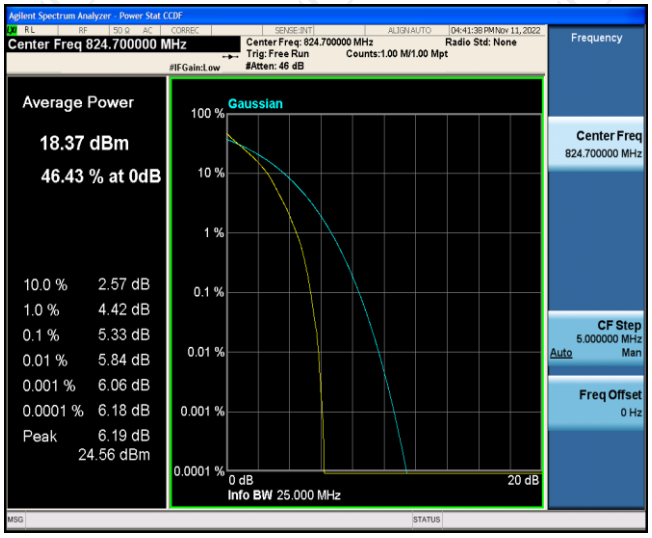
Band5	5MHz	16QAM	20625	1RB#0	4.89	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.40	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.74	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.38	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.16	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.65	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.75	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.71	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.74	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.94	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	6.19	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.37	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.69	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.19	13	PASS

Test Graphs

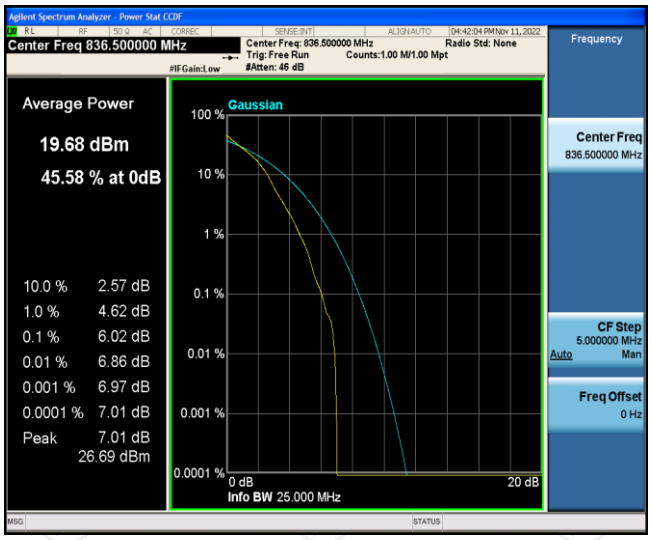
Band5-1.4MHz-QPSK-20407-1RB#0



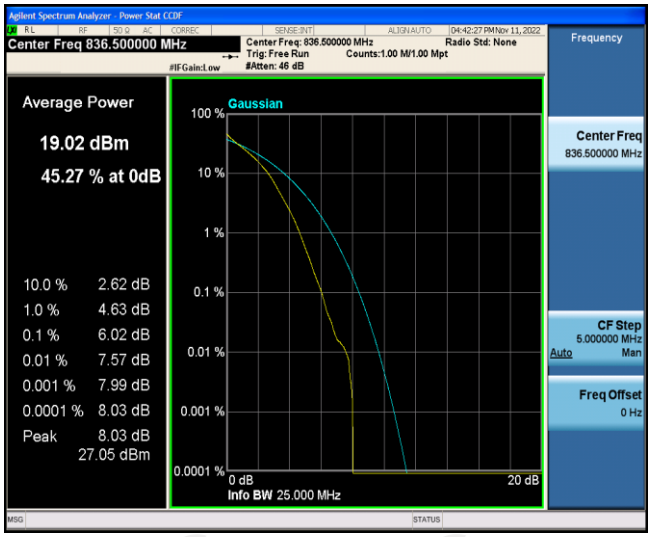
Band5-1.4MHz-QPSK-20407-6RB#0



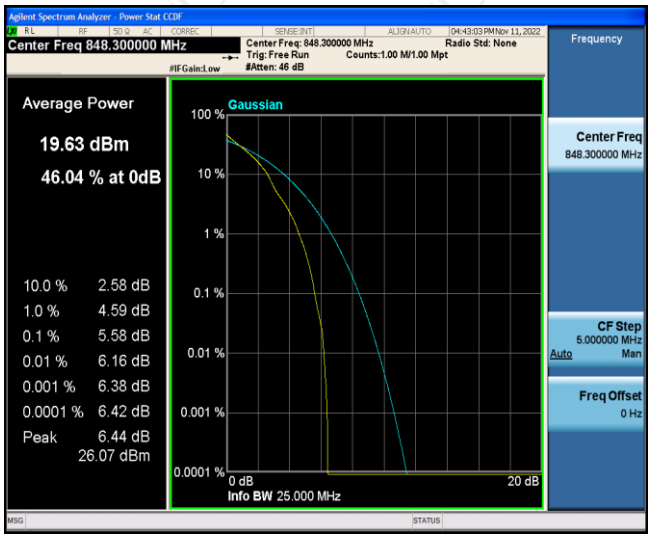
Band5-1.4MHz-QPSK-20525-1RB#0



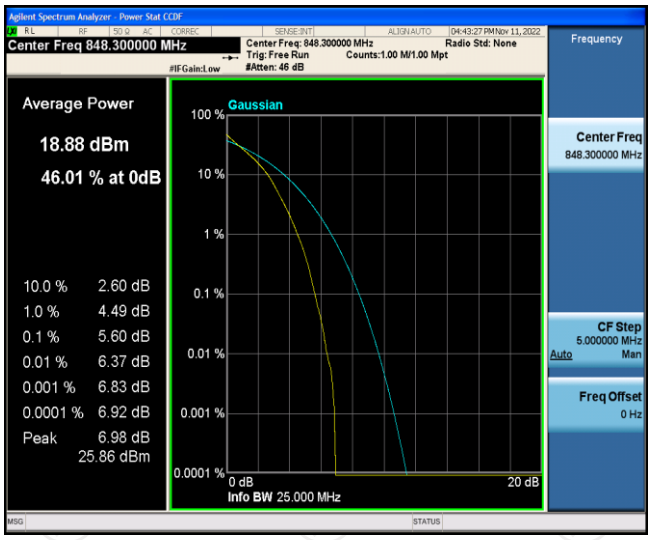
Band5-1.4MHz-QPSK-20525-6RB#0



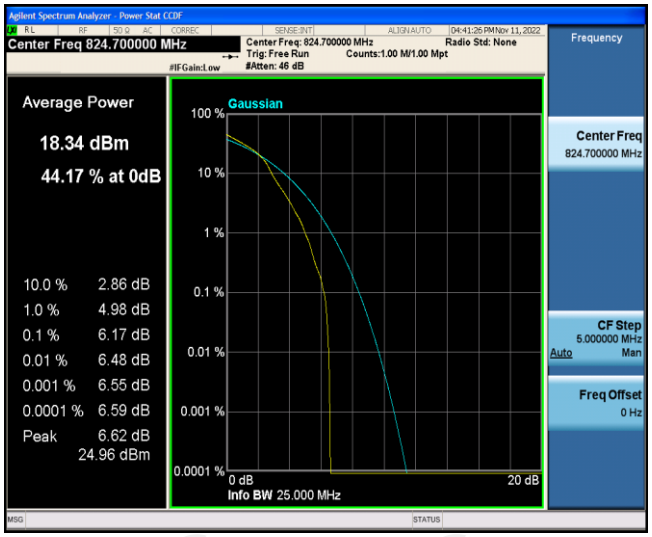
Band5-1.4MHz-QPSK-20643-1RB#0



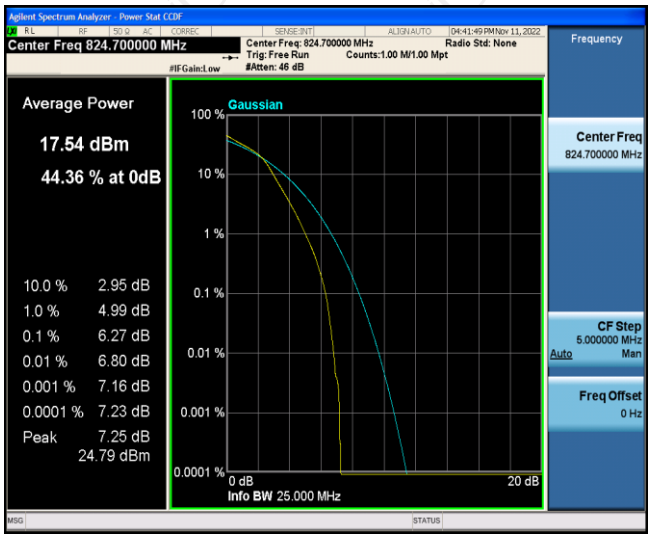
Band5-1.4MHz-QPSK-20643-6RB#0



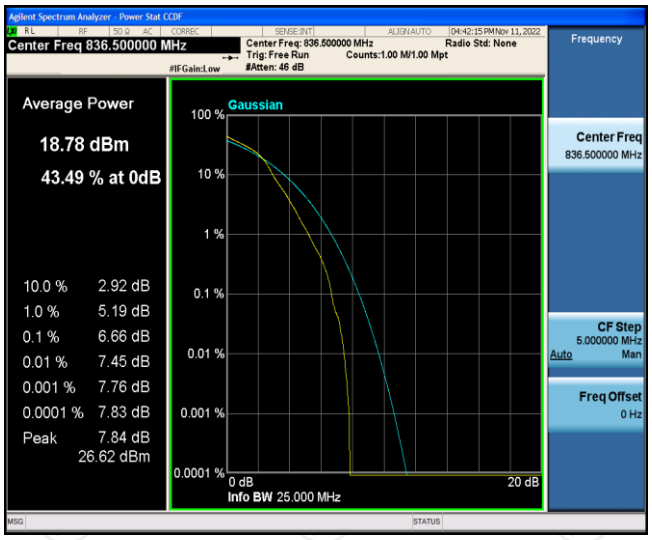
Band5-1.4MHz-16QAM-20407-1RB#0



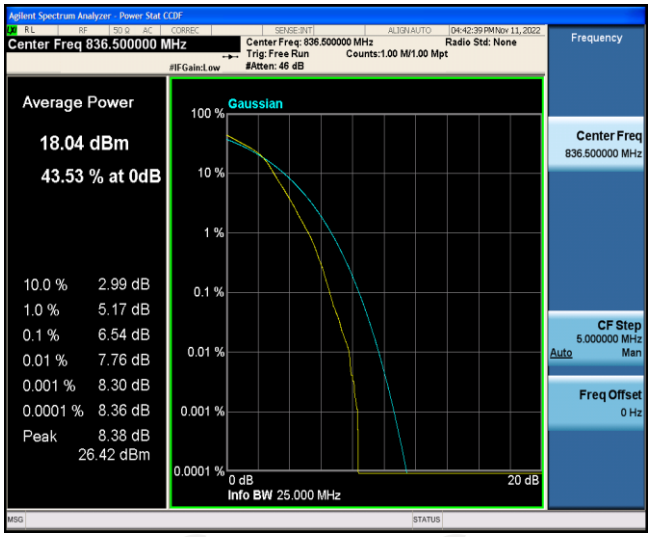
Band5-1.4MHz-16QAM-20407-6RB#0



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



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



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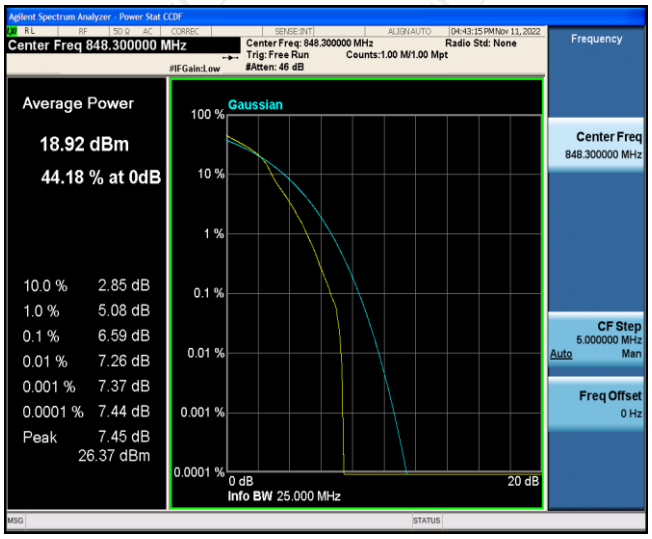

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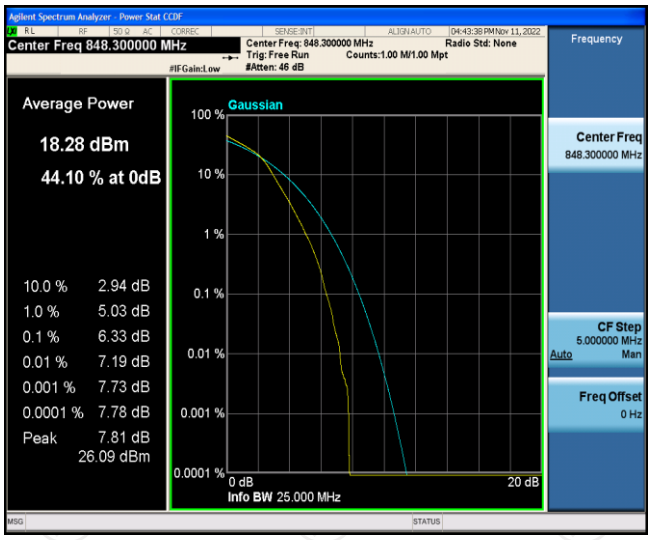

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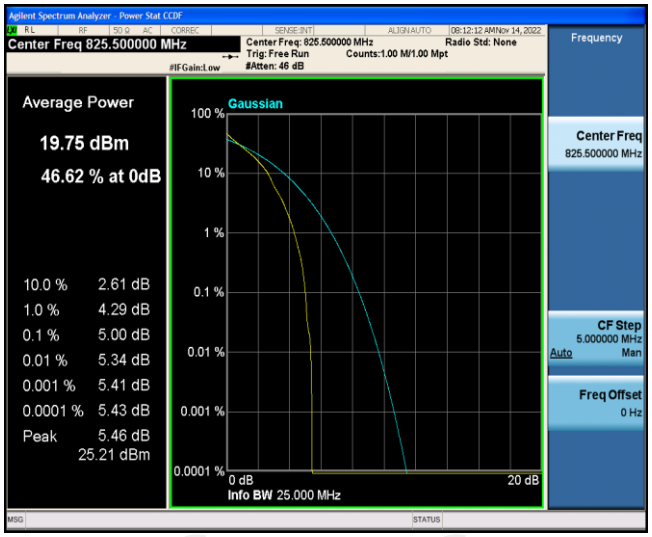

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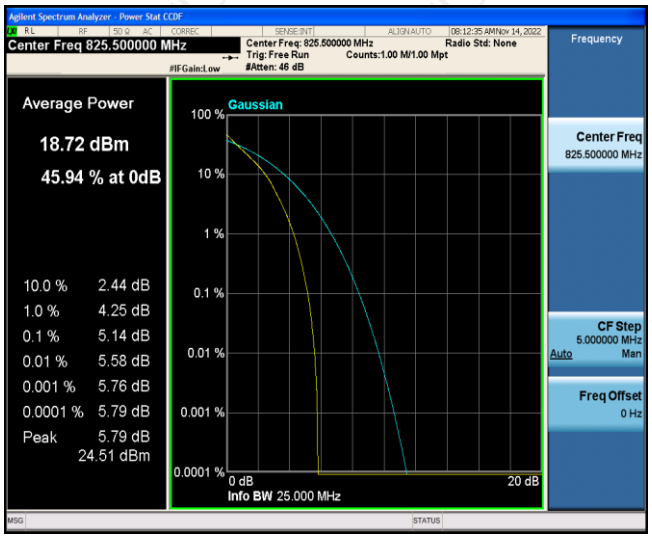

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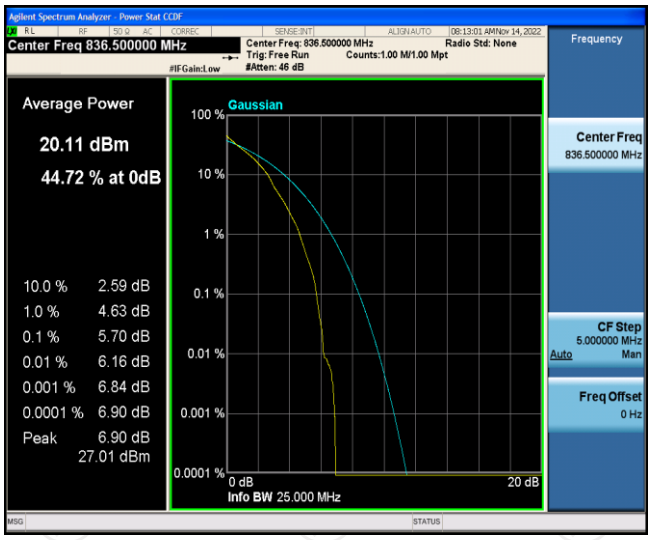

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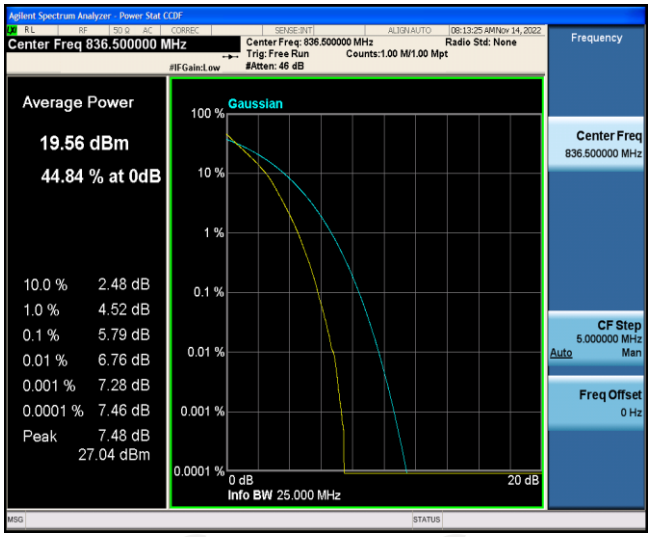

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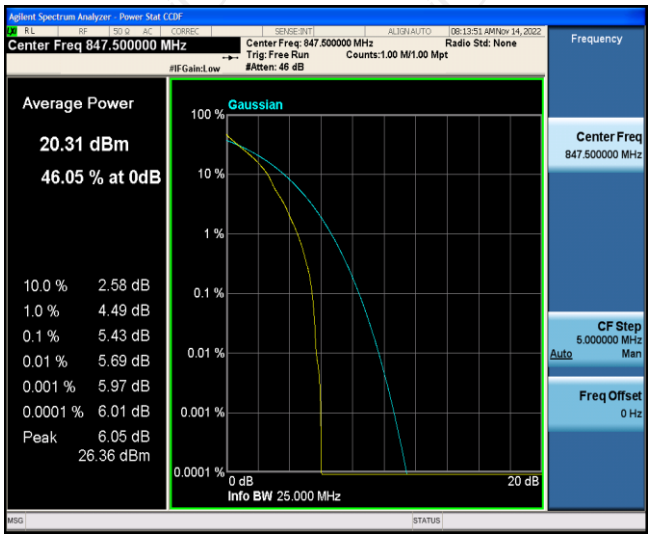

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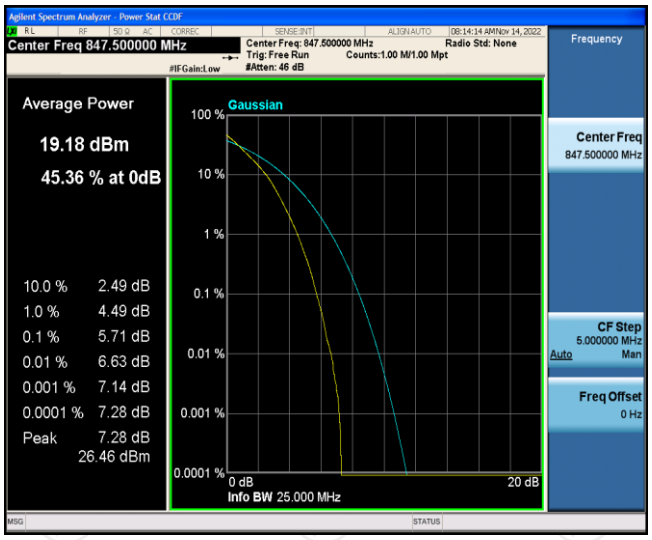

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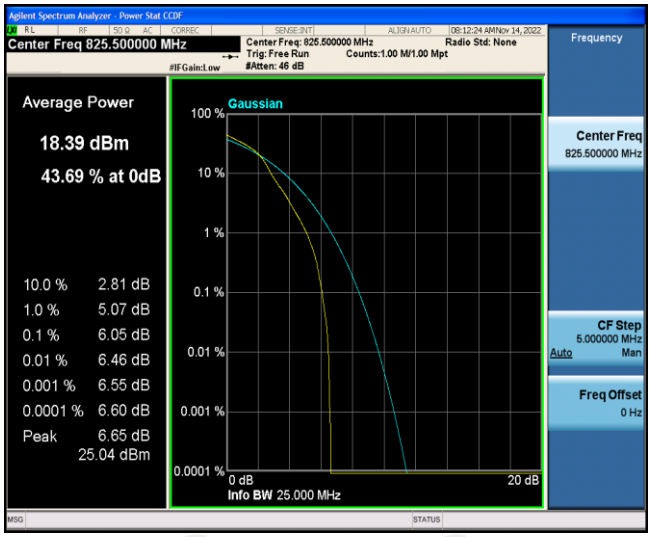

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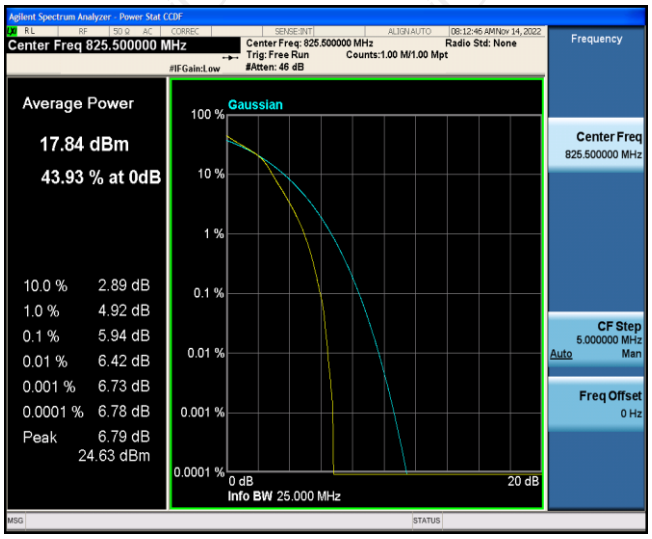

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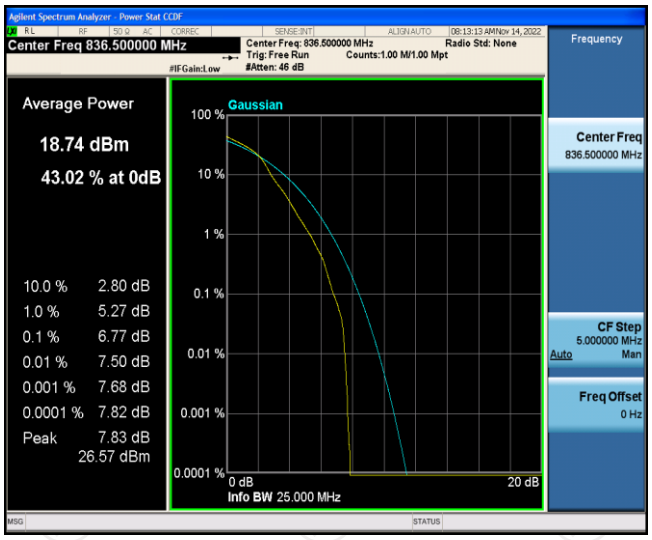

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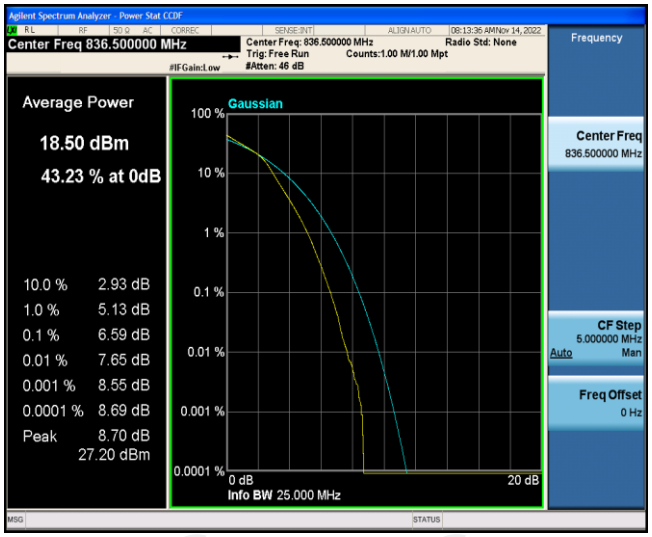

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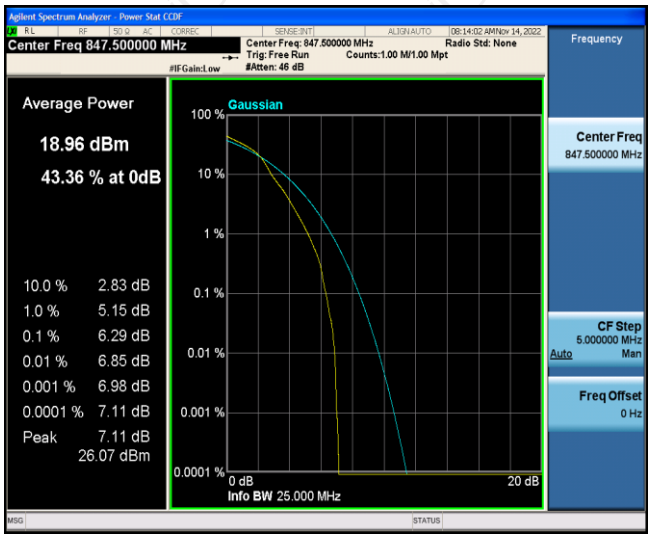

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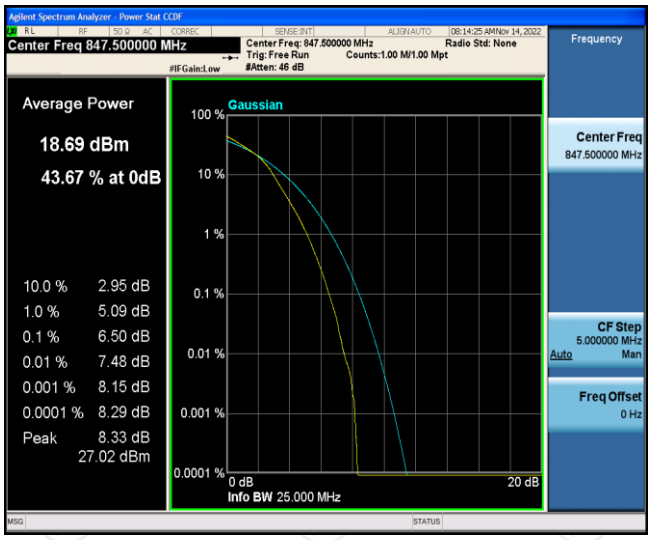

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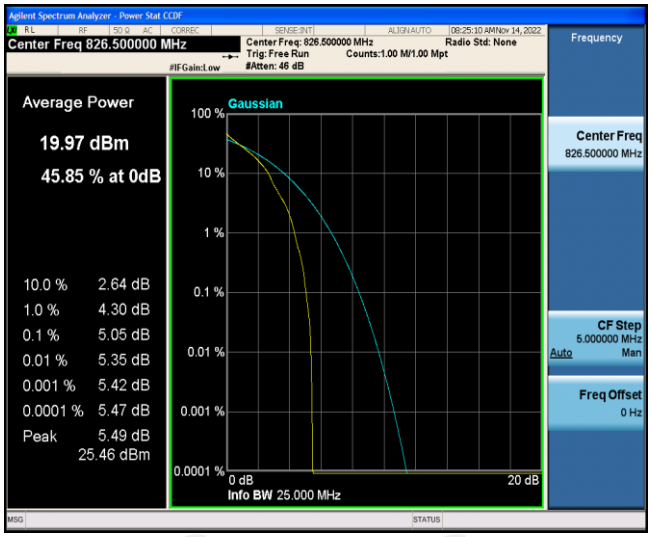

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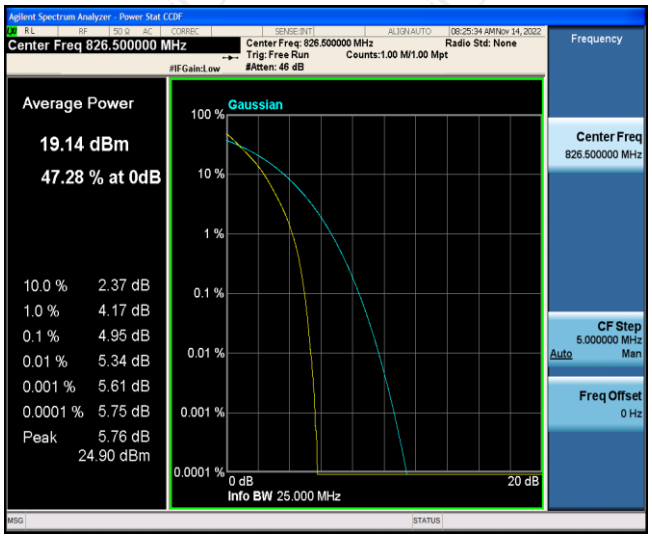

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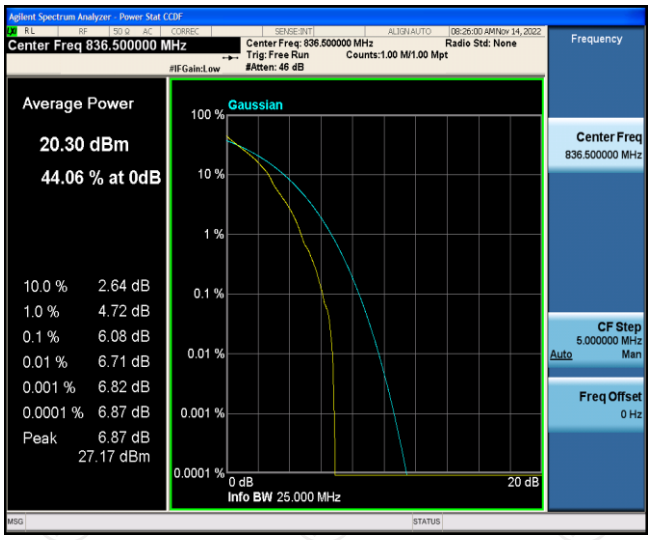

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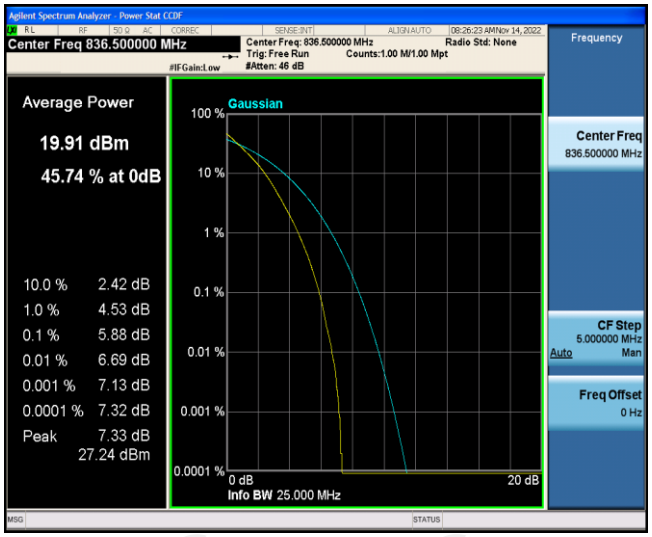

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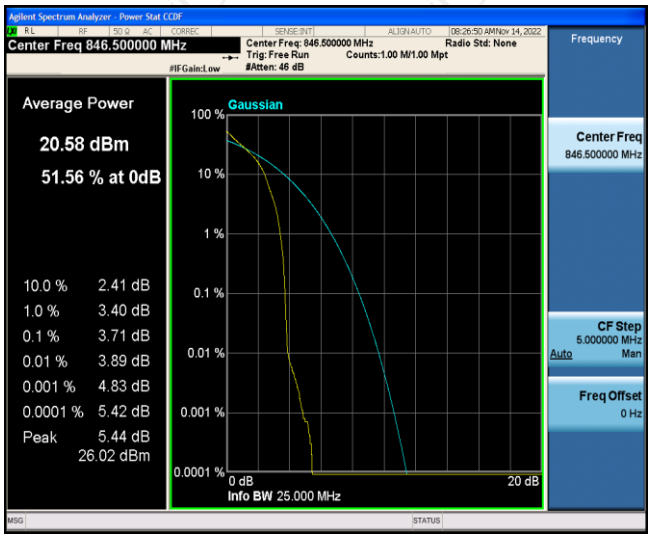

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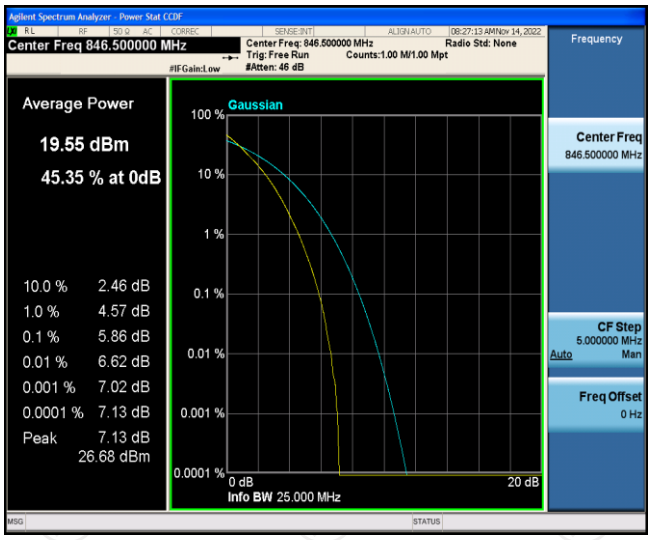

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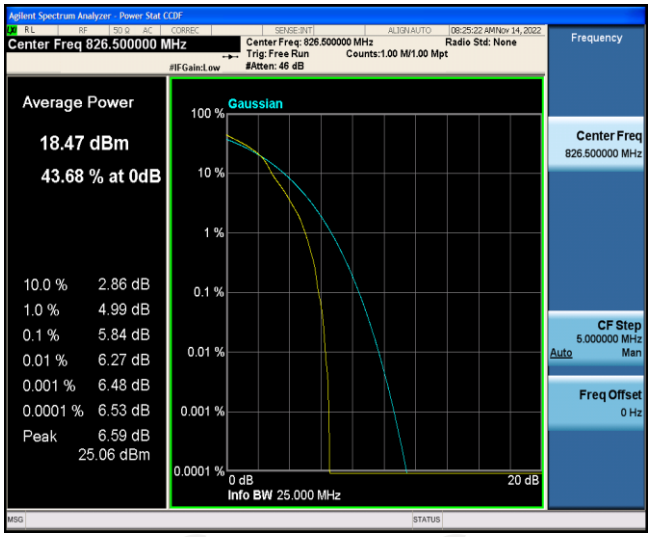

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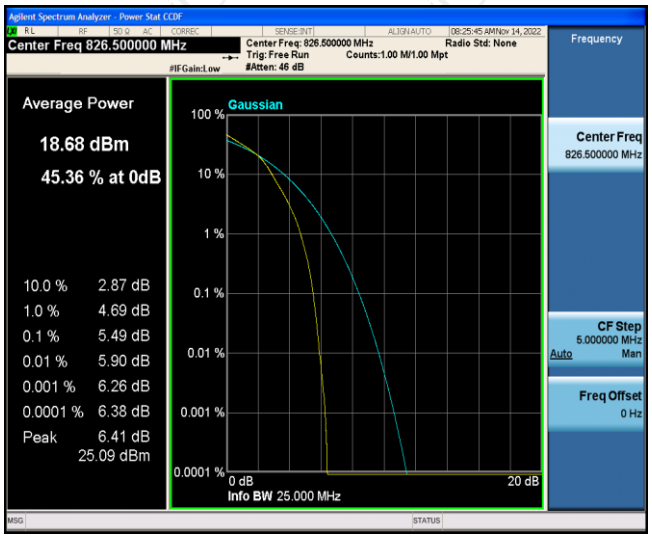

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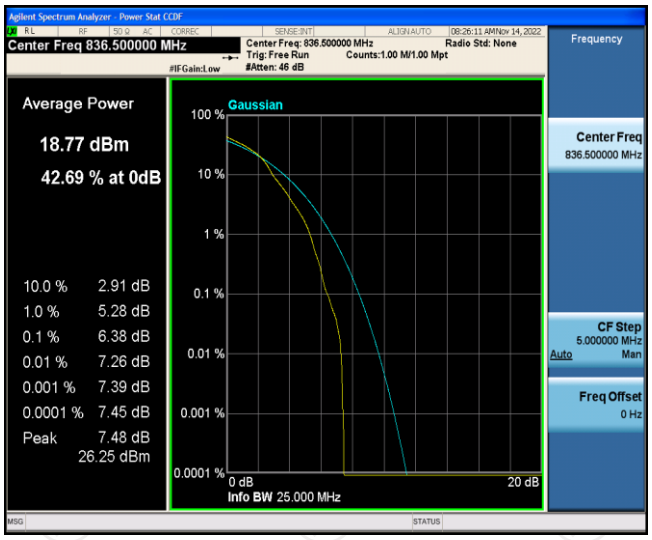

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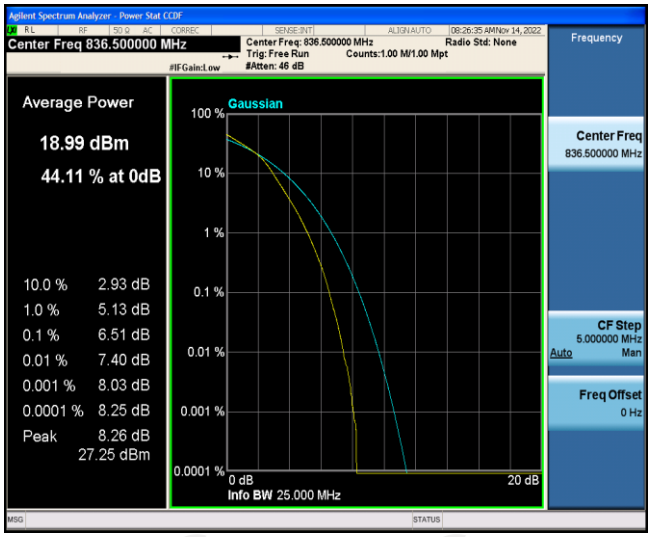

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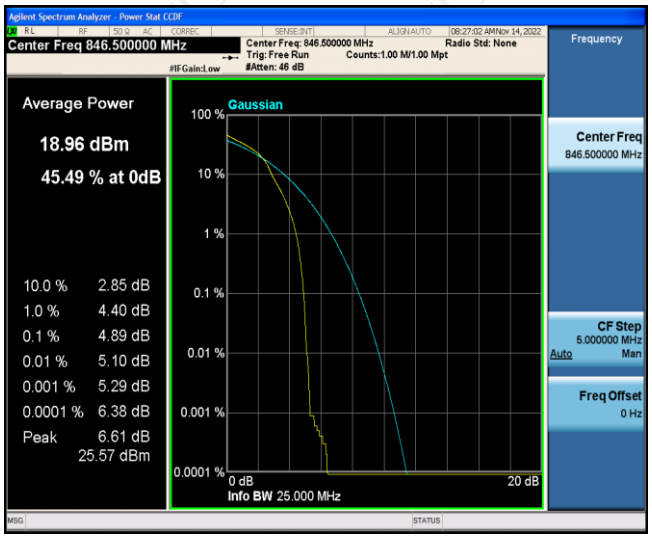

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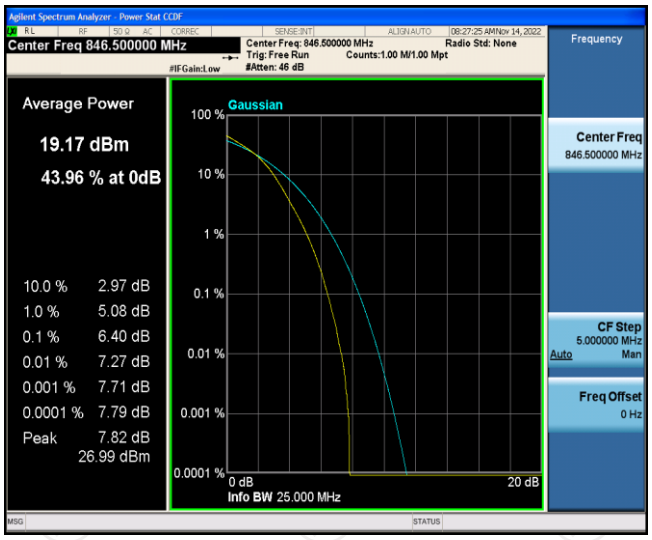

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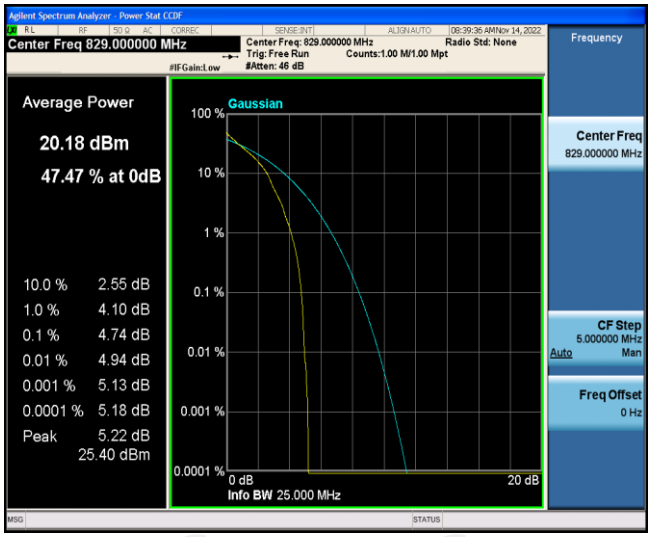

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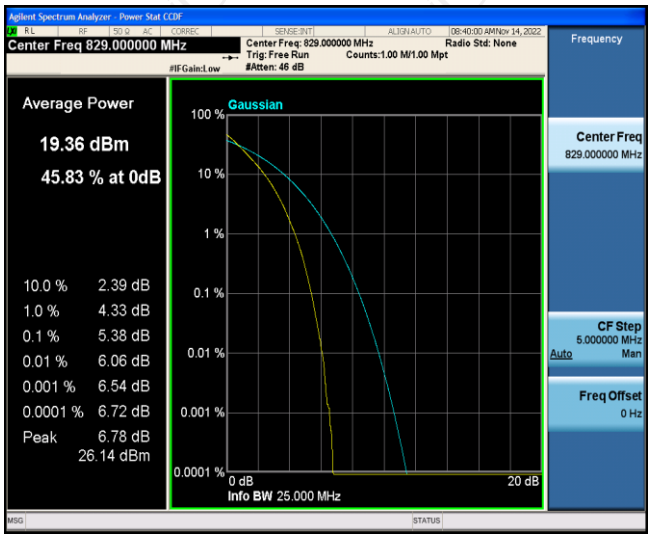

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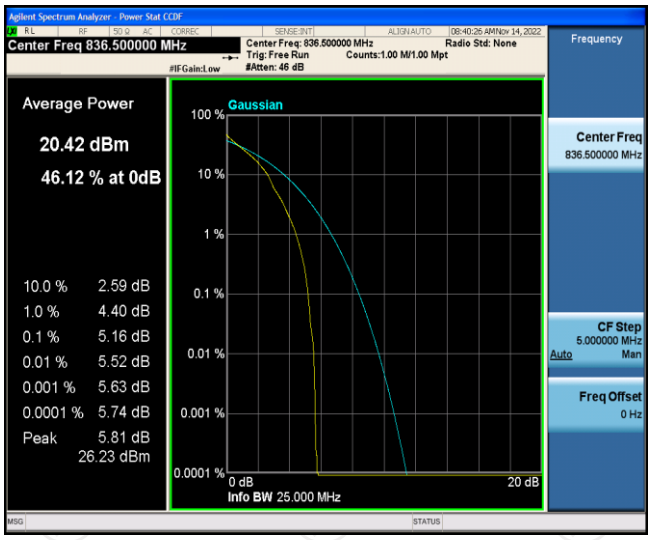

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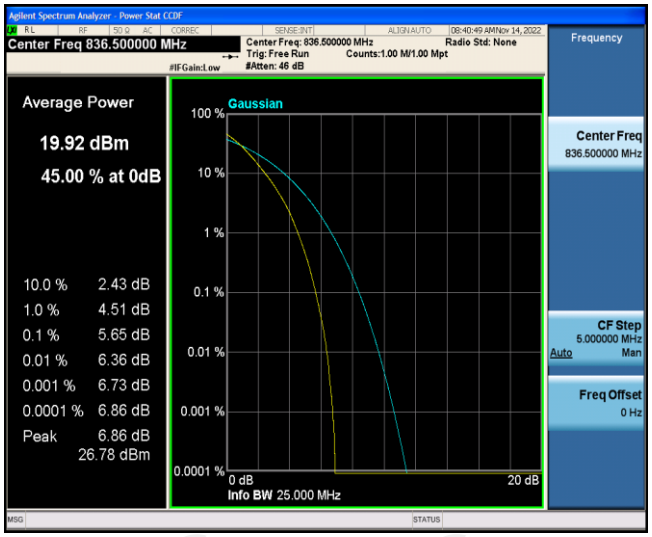

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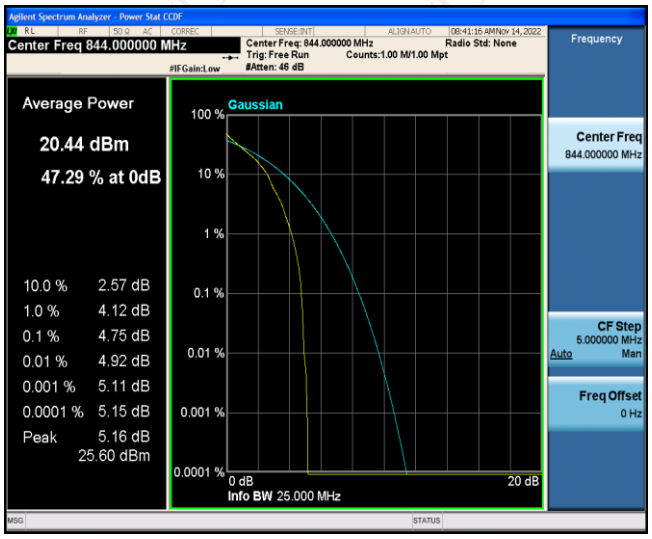

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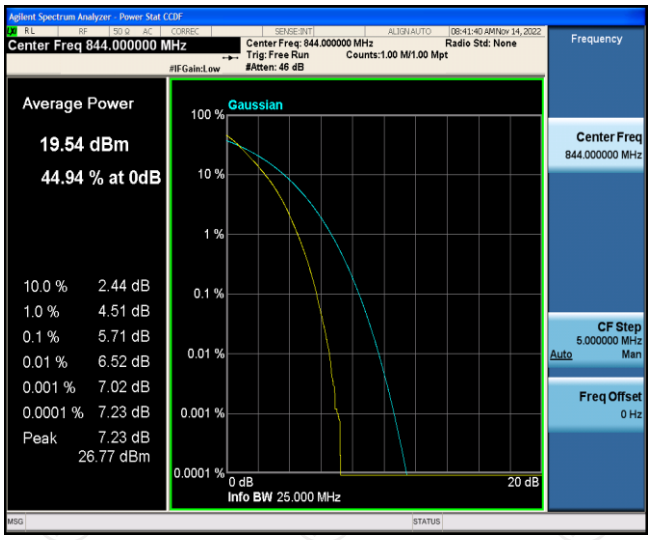

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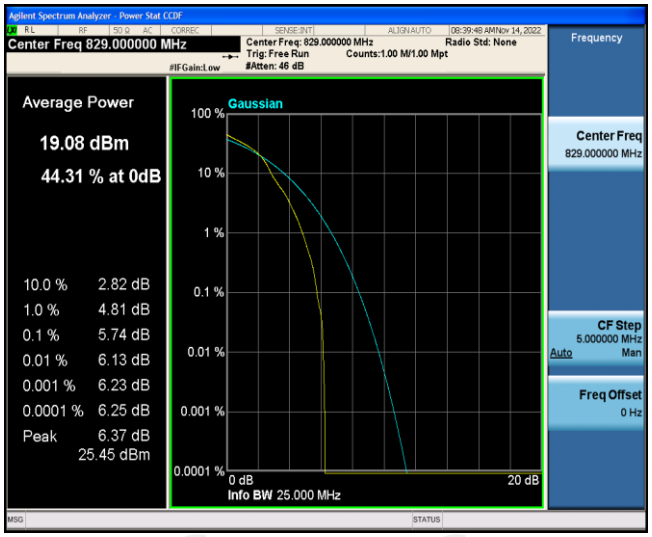

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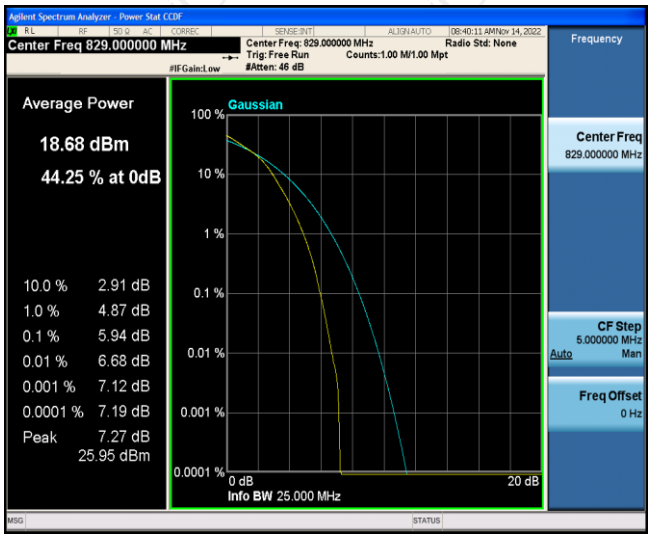

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