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	23.69	21.89	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.64	21.84	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.67	21.87	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.67	21.87	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.63	21.83	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.59	21.79	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.61	20.81	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.51	21.71	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.57	21.77	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.63	21.83	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.63	21.83	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.64	21.84	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.73	21.93	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.63	20.83	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.61	21.81	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.57	21.77	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.54	21.74	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.59	21.79	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.60	21.8	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.63	21.83	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.50	20.7	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.41	20.61	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.41	20.61	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.37	20.57	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.25	20.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.29	20.49	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.32	20.52	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.55	19.75	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.19	21.39	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.26	21.46	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.21	21.41	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	22.50	20.7	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.49	20.69	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.37	20.57	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.56	19.76	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.98	21.18	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.01	21.21	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.98	21.18	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.35	20.55	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.35	20.55	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.39	20.59	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.71	19.91	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.30	21.5	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.36	21.56	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.30	21.5	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.56	20.76	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.57	20.77	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.50	20.7	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.52	20.72	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.48	21.68	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.53	21.73	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.49	21.69	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.48	20.68	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.51	20.71	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.57	20.77	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.51	20.71	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.49	21.69	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.49	21.69	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.49	21.69	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.51	20.71	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.52	20.72	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.48	20.68	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.51	20.71	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.55	20.75	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.52	20.72	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.48	20.68	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.73	19.93	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.70	19.9	PASS

Band5	3MHz	16QAM	20415	8RB#7	21.64	19.84	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.58	19.78	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.65	20.85	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.51	20.71	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.60	20.8	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.74	19.94	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.70	19.9	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.75	19.95	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.43	19.63	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.15	21.35	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.20	21.4	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.13	21.33	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.78	19.98	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.78	19.98	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.75	19.95	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.60	19.8	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.68	21.88	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.66	21.86	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.56	21.76	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.56	20.76	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.56	20.76	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.47	20.67	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.53	20.73	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.58	21.78	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.55	21.75	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.54	21.74	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.54	20.74	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.57	20.77	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.51	20.71	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.51	20.71	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.65	21.85	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.67	21.87	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.60	21.8	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.48	20.68	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.48	20.68	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.53	20.73	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.52	20.72	PASS

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Band5	5MHz	16QAM	20425	1RB#0	21.93	20.13	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.92	20.12	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.91	20.11	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.61	19.81	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.60	19.8	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.52	19.72	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.60	19.8	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.35	20.55	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.32	20.52	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.31	20.51	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.64	19.84	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.61	19.81	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.62	19.82	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.48	19.68	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.21	20.41	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.14	20.34	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.14	20.34	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.68	19.88	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.64	19.84	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.70	19.9	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.62	19.82	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.36	21.56	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.28	21.48	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.33	21.53	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.51	20.71	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.52	20.72	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.51	20.71	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.48	20.68	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.50	21.7	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.48	21.68	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.44	21.64	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.58	20.78	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.61	20.81	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.51	20.71	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.56	20.76	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.52	21.72	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.55	21.75	PASS

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Band5	10MHz	QPSK	20600	1RB#49	23.57	21.77	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.50	20.7	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.51	20.71	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.53	20.73	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.52	20.72	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.58	20.78	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.53	20.73	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.51	20.71	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.47	19.67	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.48	19.68	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.51	19.71	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.44	19.64	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.53	20.73	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.54	20.74	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.56	20.76	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.75	19.95	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.75	19.95	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.69	19.89	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.63	19.83	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.20	21.4	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.20	21.4	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.14	21.34	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.64	19.84	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.63	19.83	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.60	19.8	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.58	19.78	PASS

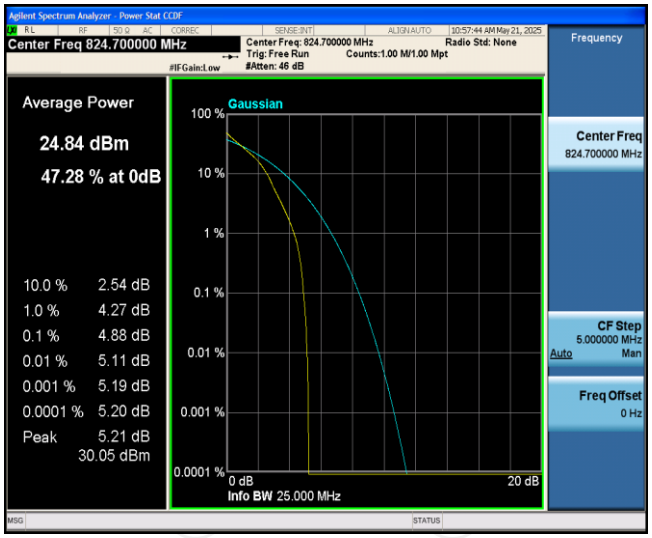
AppendixB:Peak-to-Average Ratio(CCDF)

Test Result

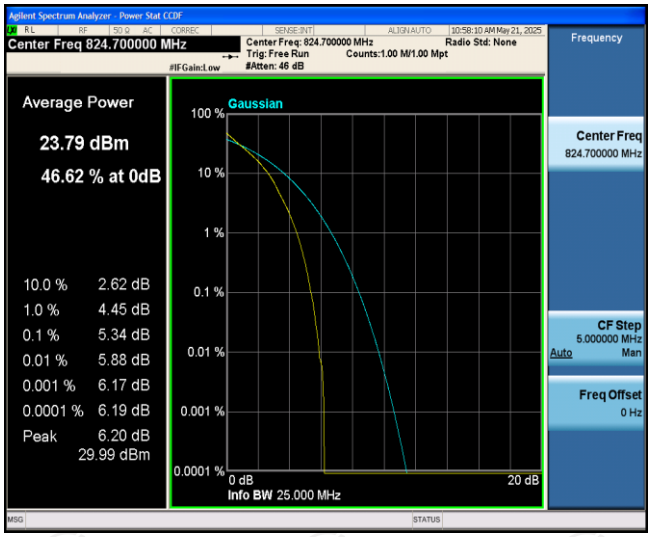
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.88	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.34	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.66	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.24	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	5.09	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.43	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.74	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.12	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.38	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.97	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.89	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.19	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.99	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.50	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.80	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.36	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	5.35	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.61	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.78	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.34	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.66	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.23	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	6.18	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.40	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.03	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.55	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.73	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.42	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.39	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.68	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	6.04	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.29	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.79	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.17	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	6.33	13	PASS

Band5	5MHz	16QAM	20625	25RB#0	6.39	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.99	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.51	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.70	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.47	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.16	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.69	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	6.05	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.31	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.78	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.23	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	6.17	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.49	13	PASS

Test Graphs



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



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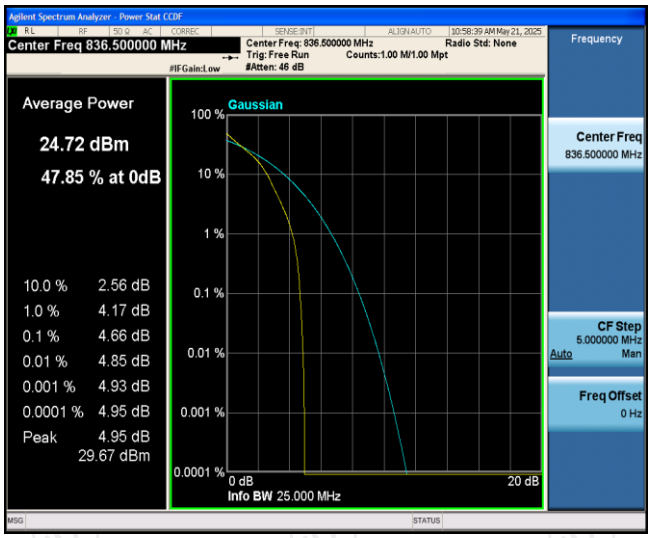

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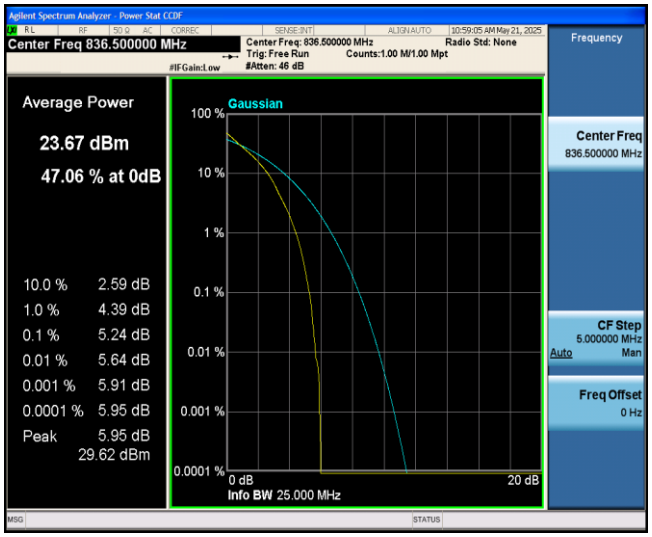

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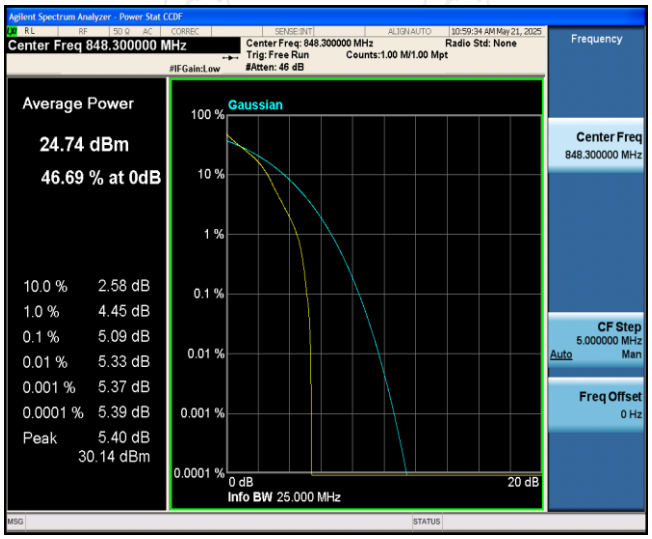
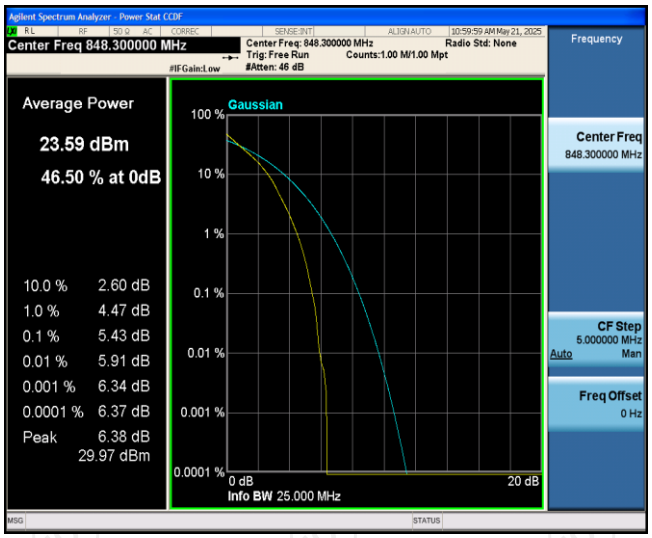
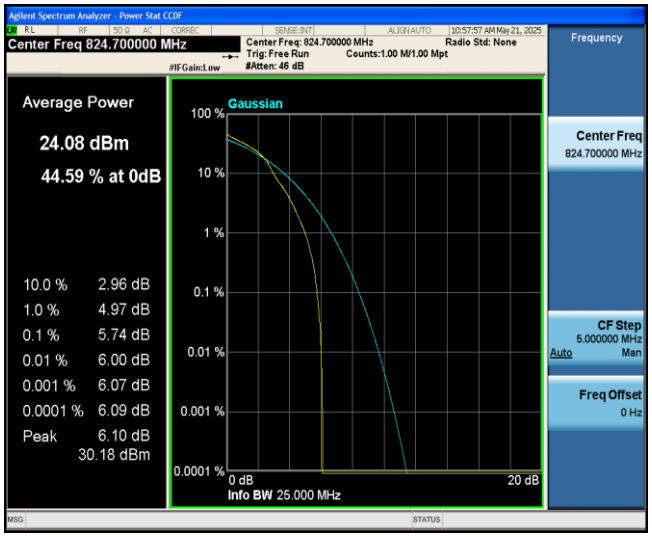


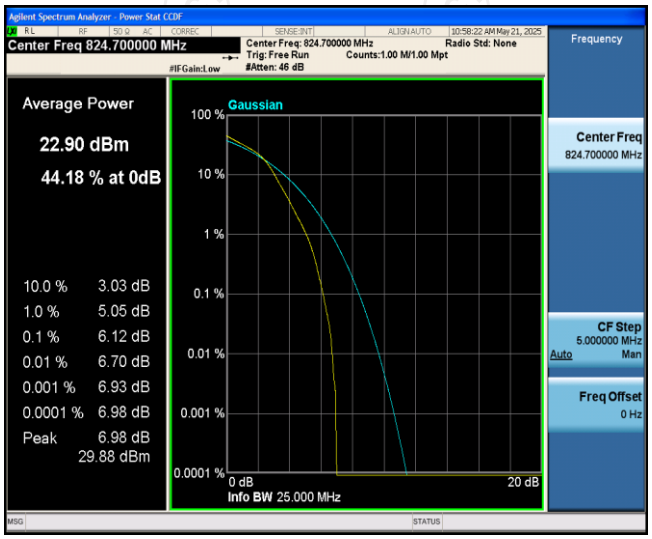
Band5-1.4MHz-QPSK-20643-1RB#0



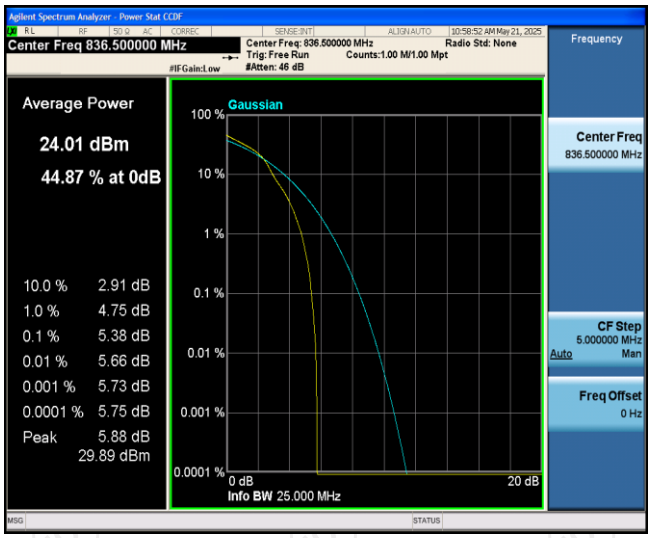
Band5-1.4MHz-QPSK-20643-6RB#0



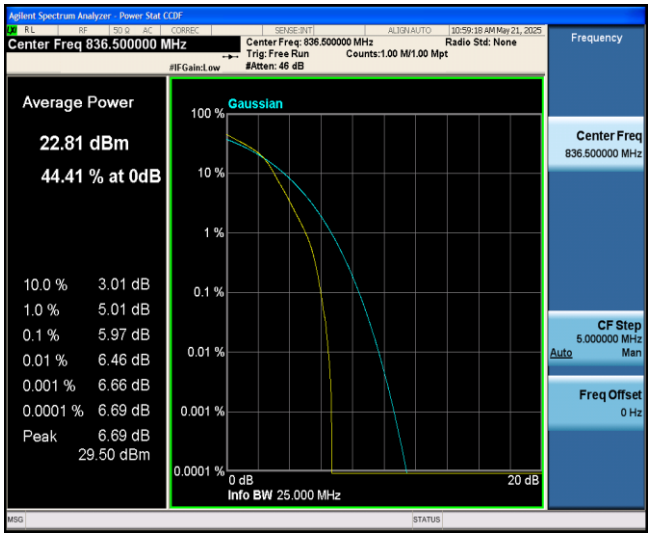
Band5-1.4MHz-16QAM-20407-1RB#0



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



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



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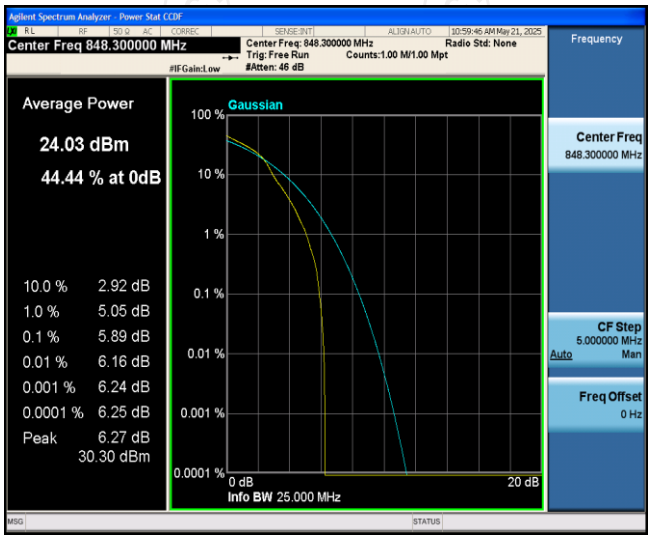

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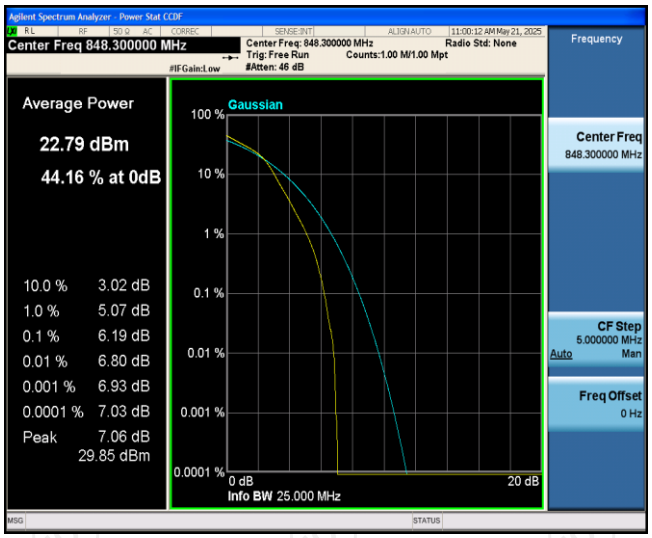

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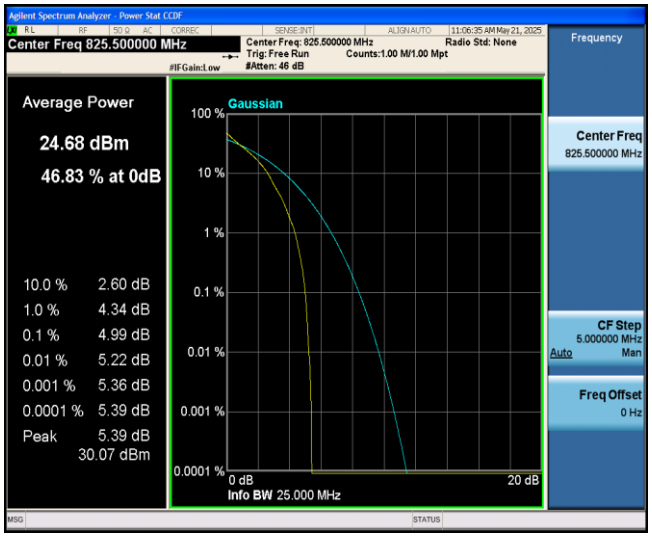

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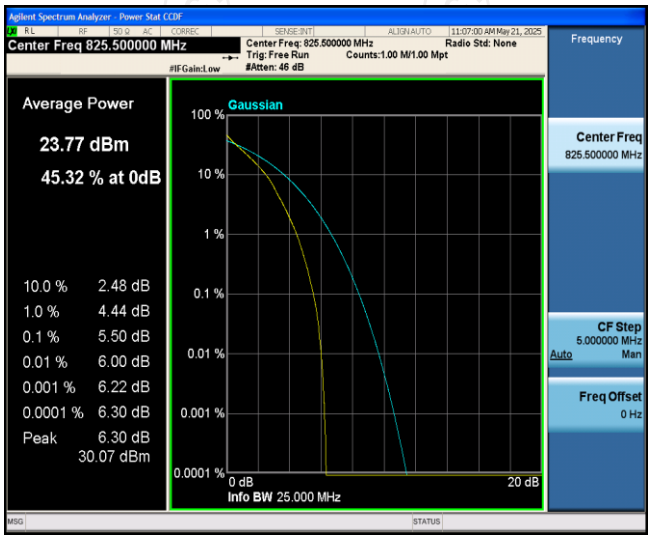

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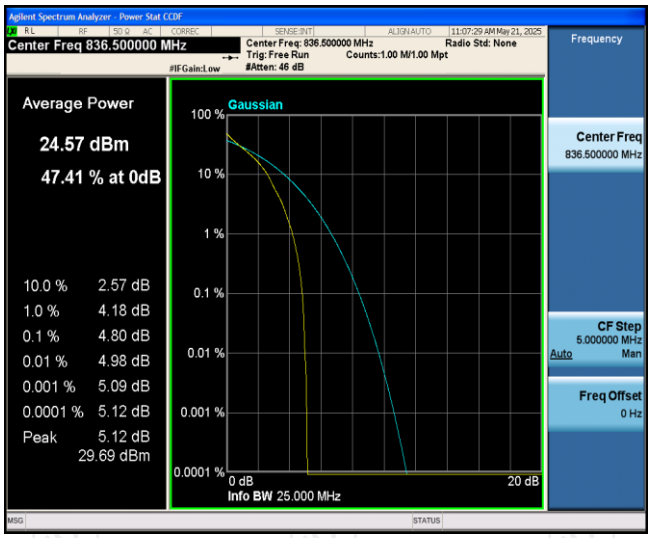

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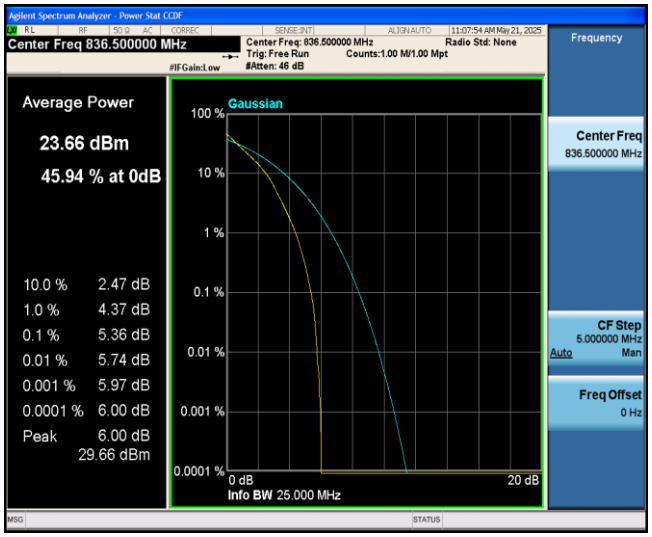

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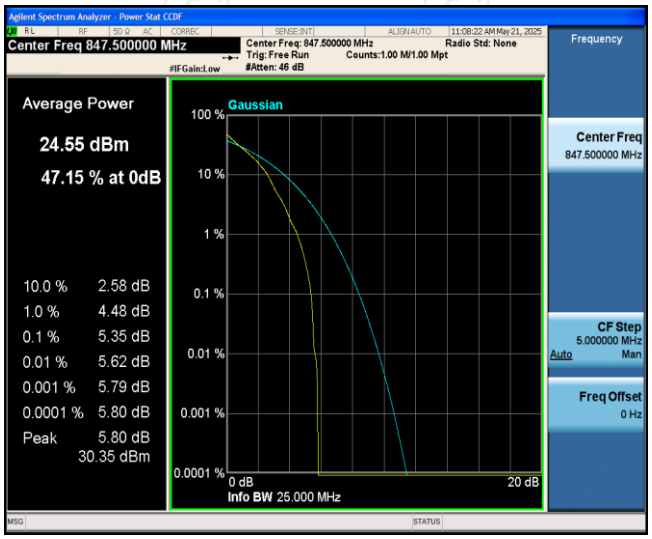

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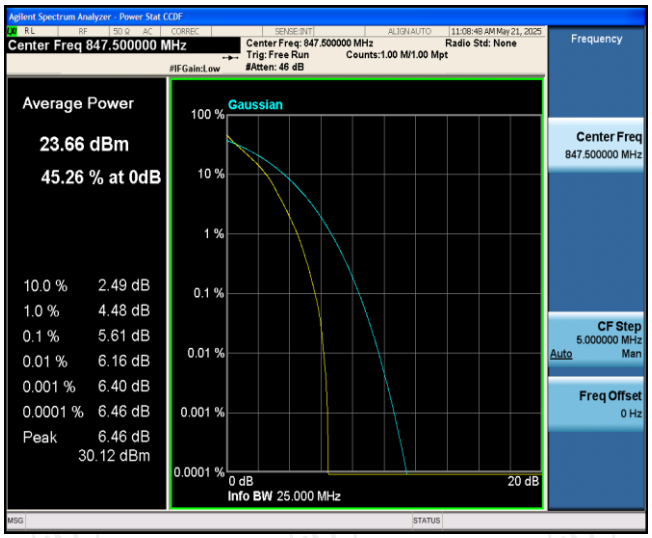

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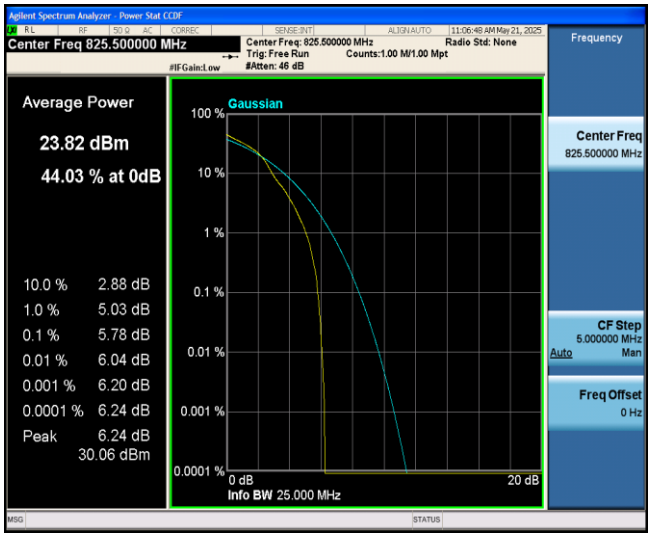

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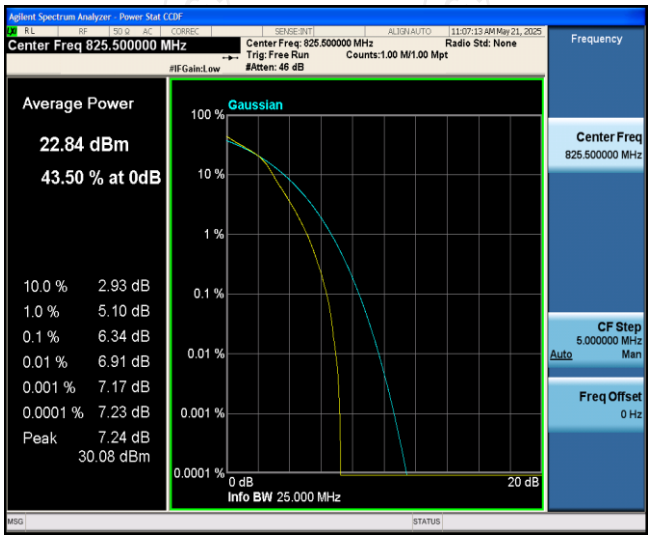

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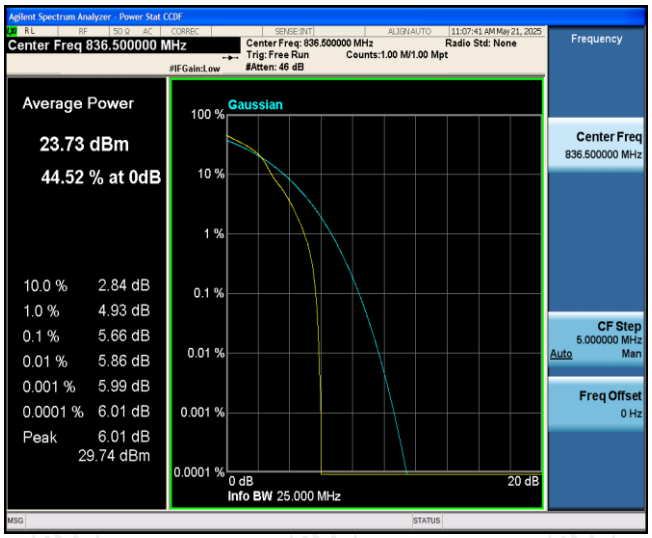

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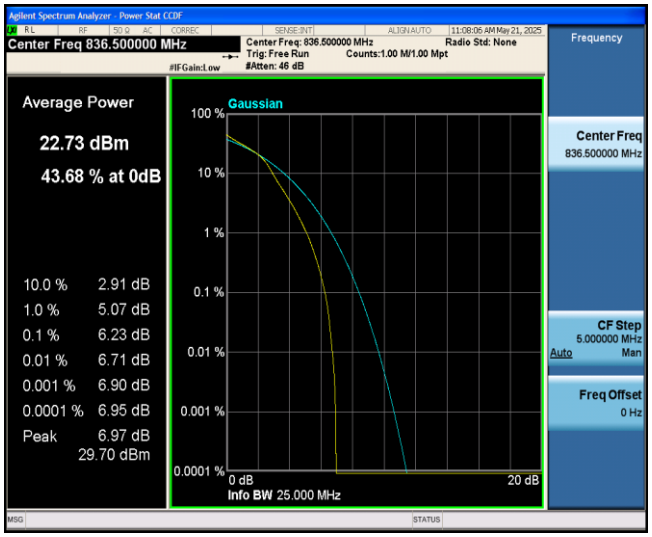

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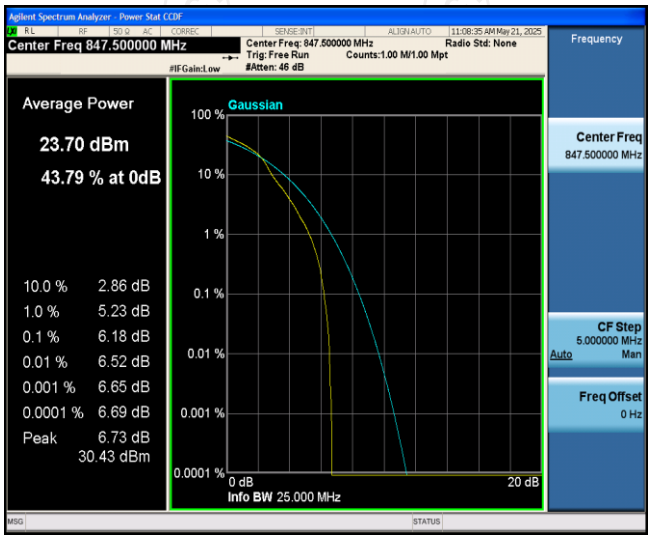

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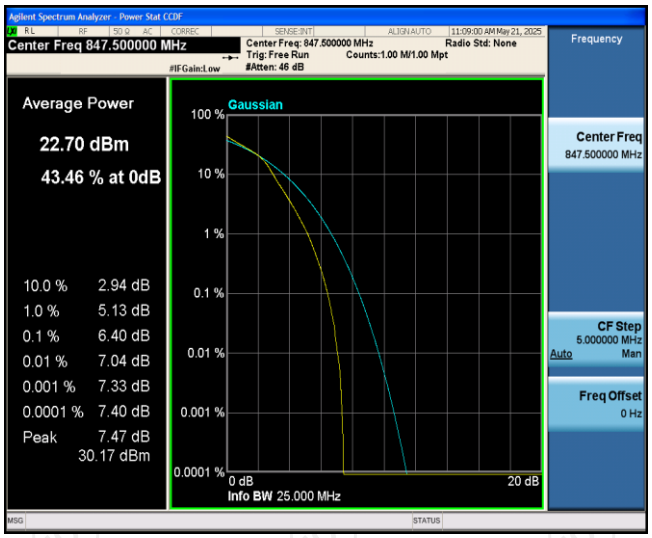

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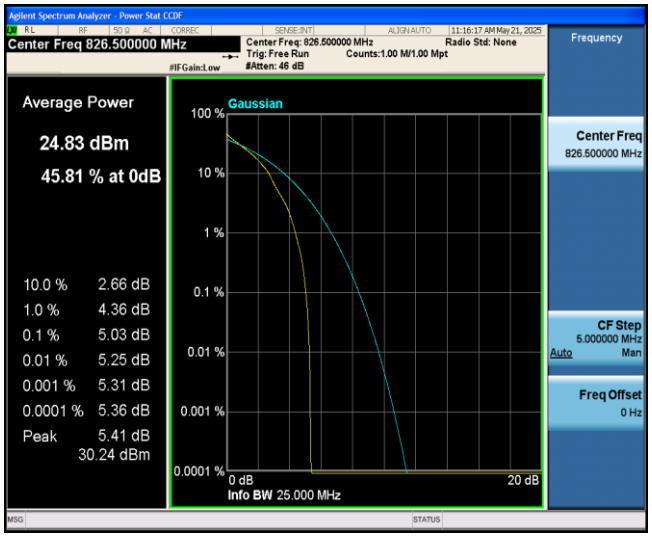

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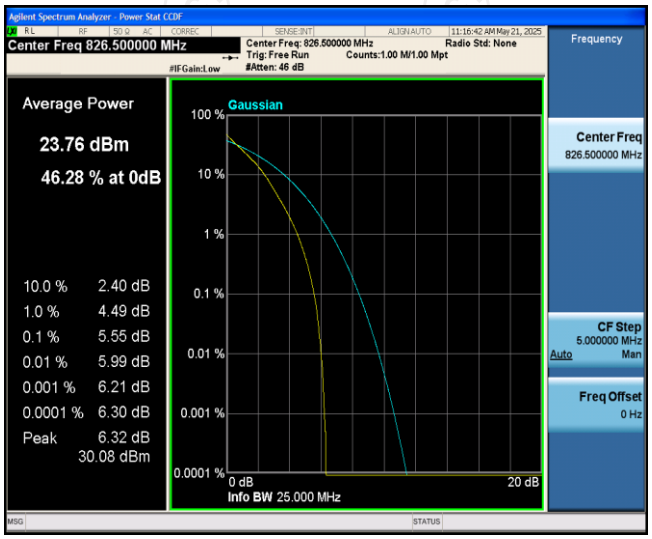

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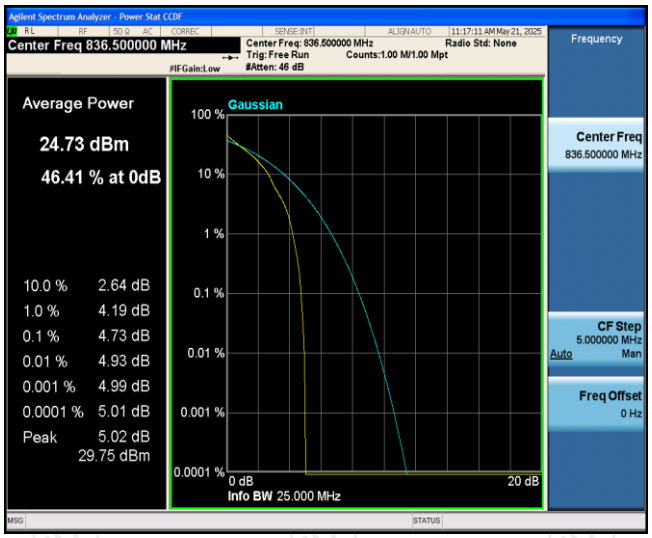

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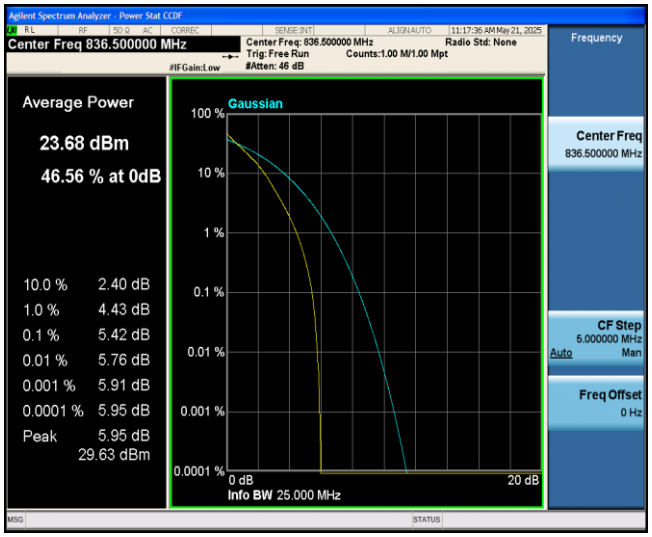

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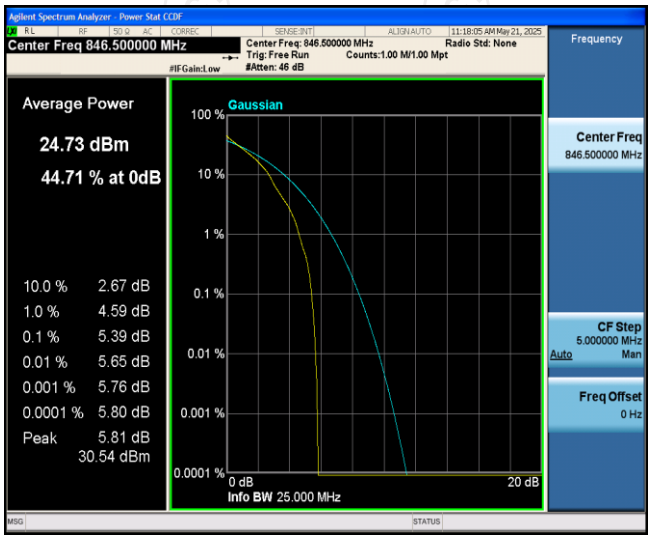

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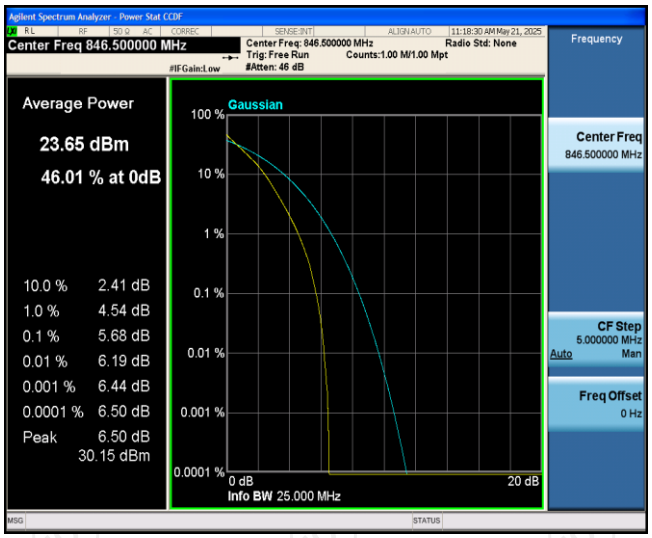

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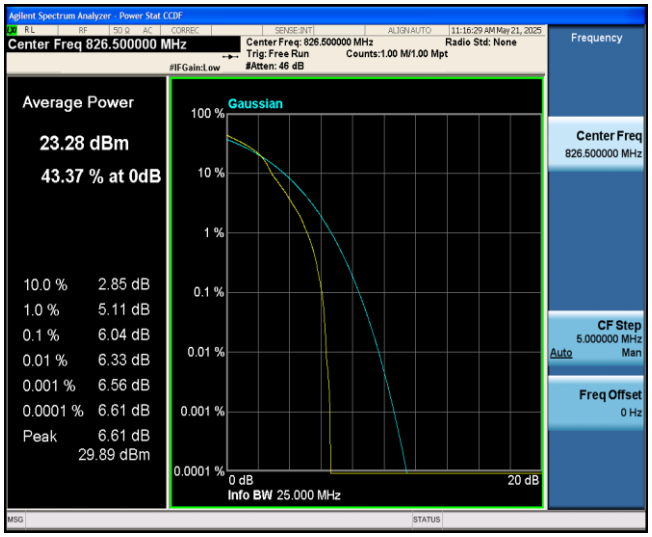

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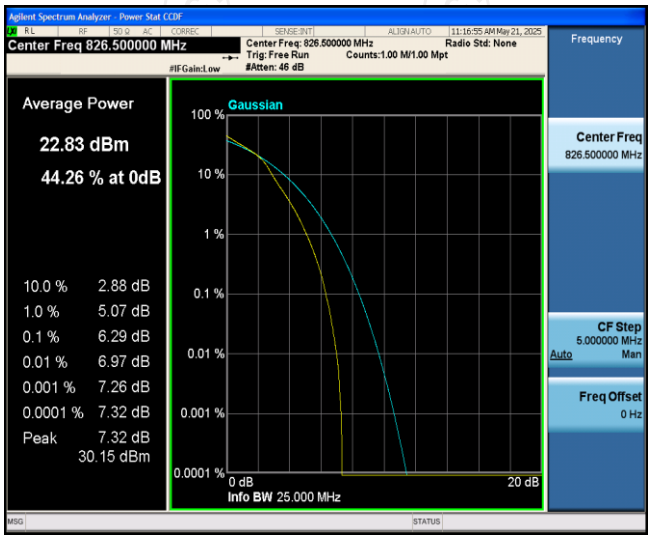

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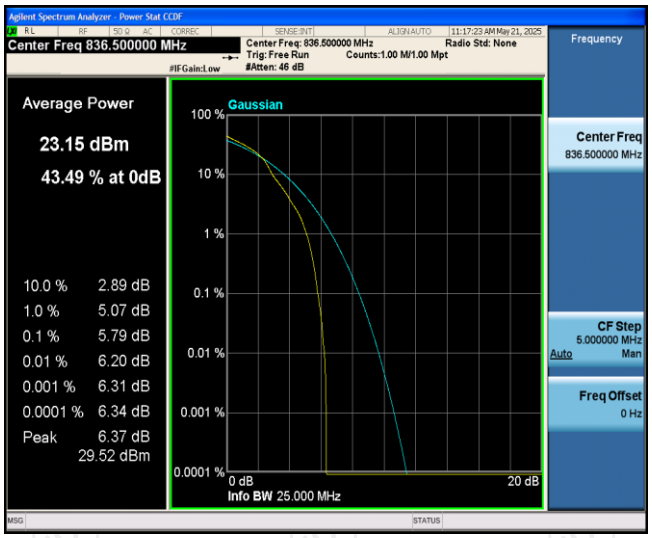

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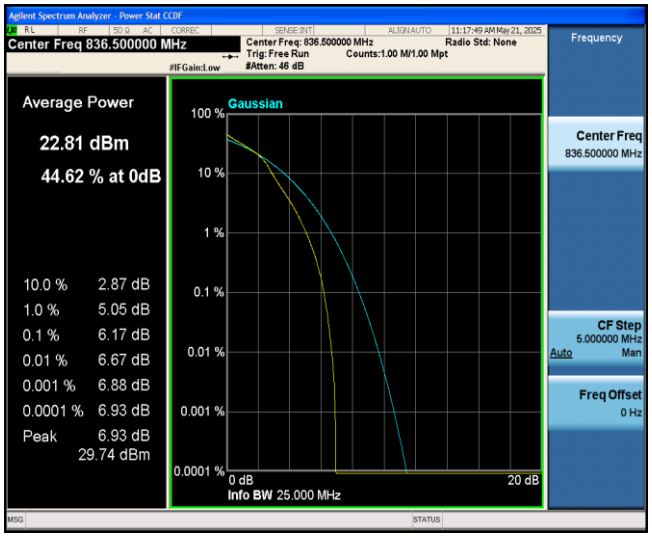

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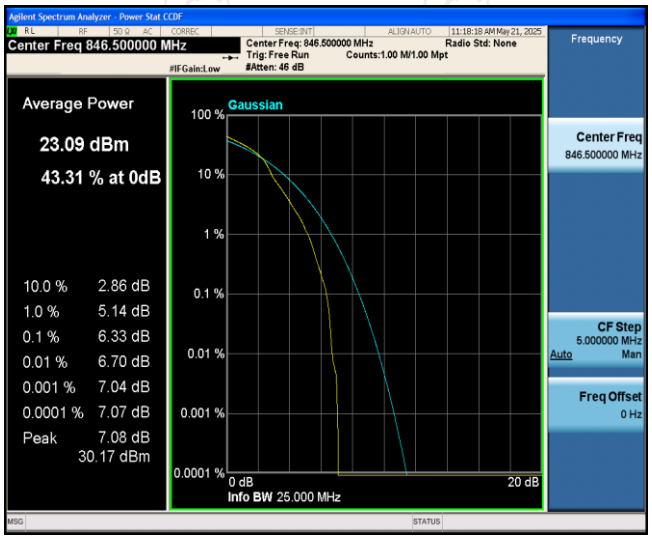

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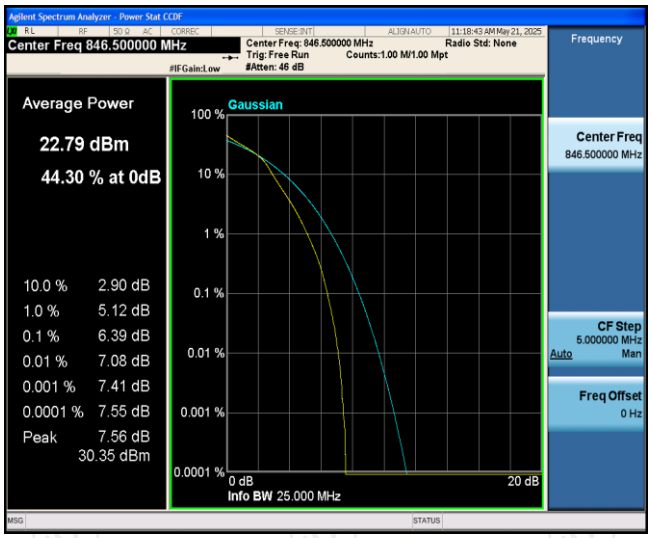

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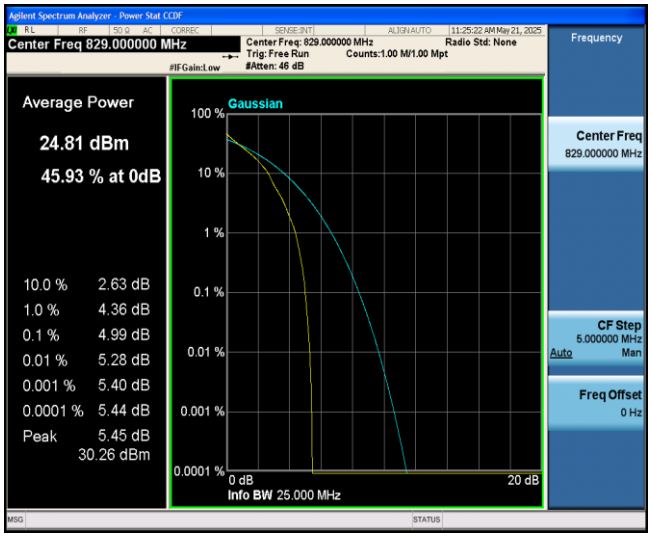

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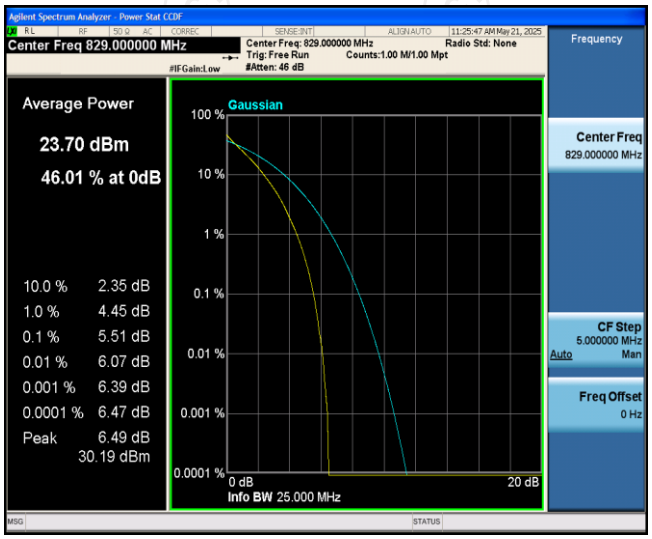

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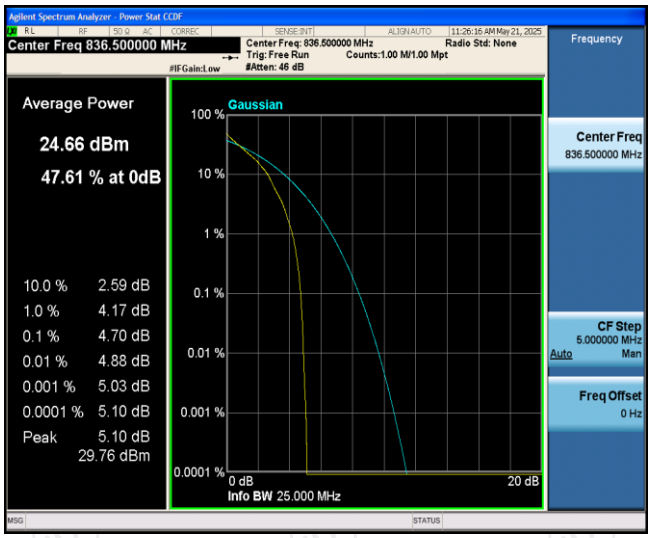

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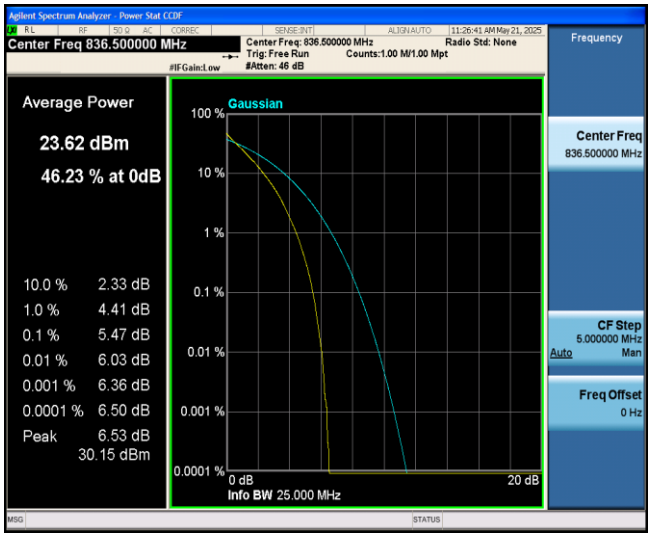

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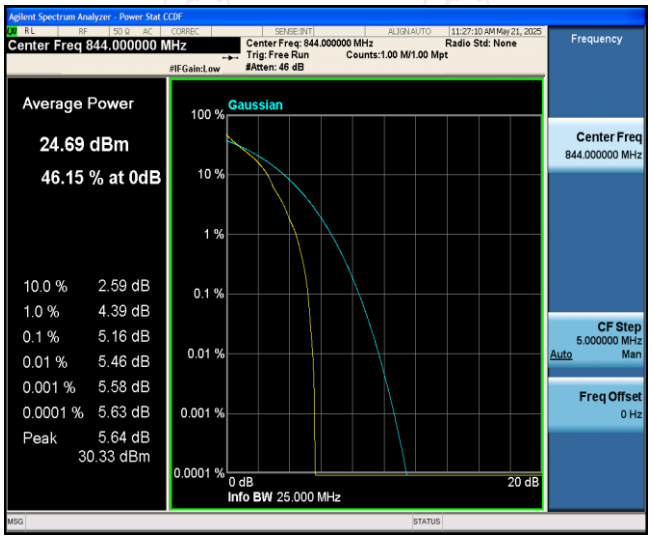

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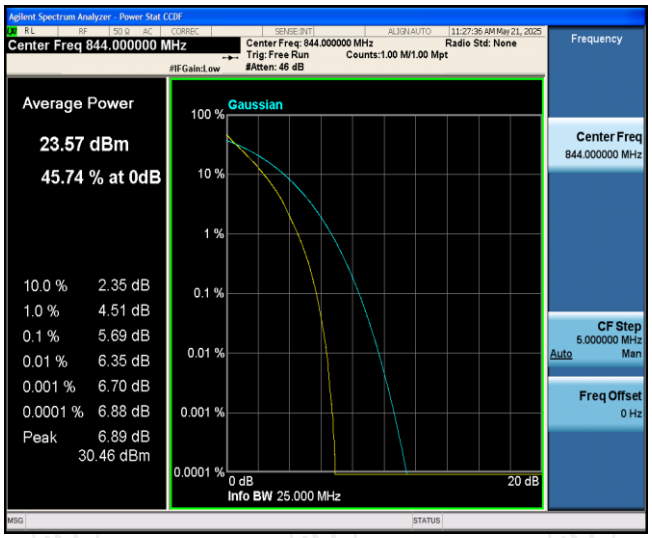

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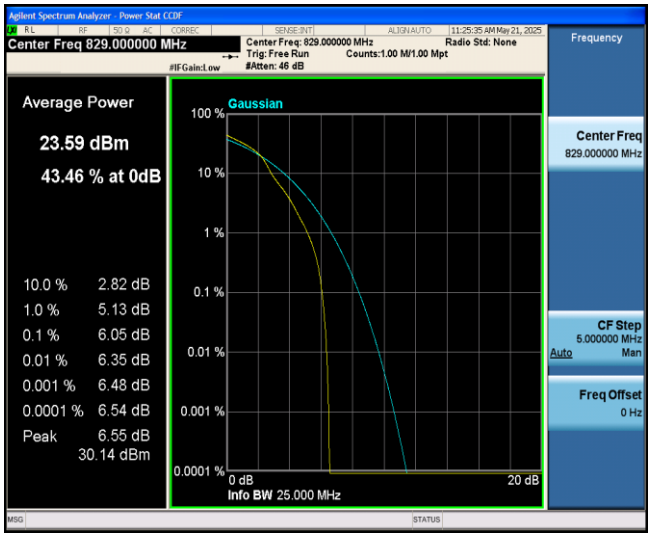

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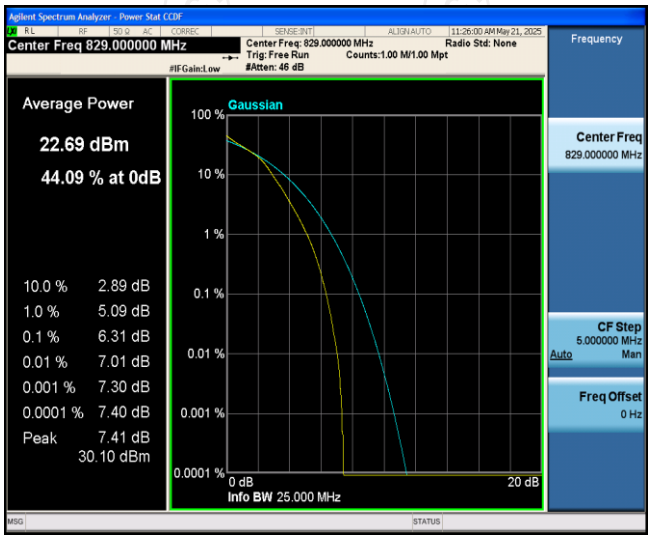

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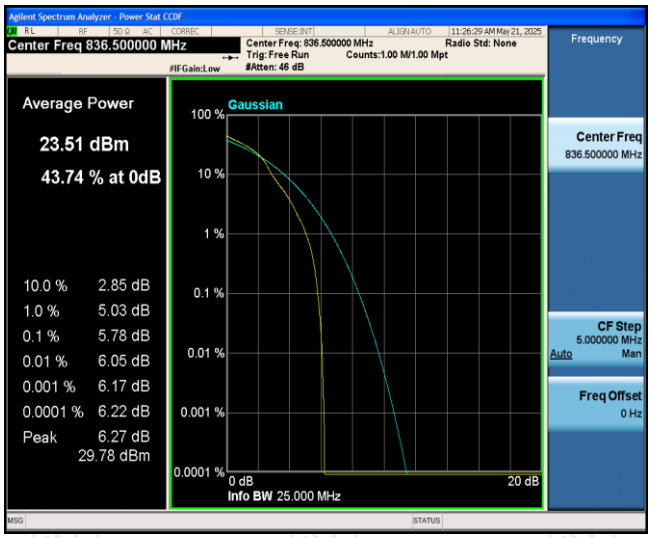

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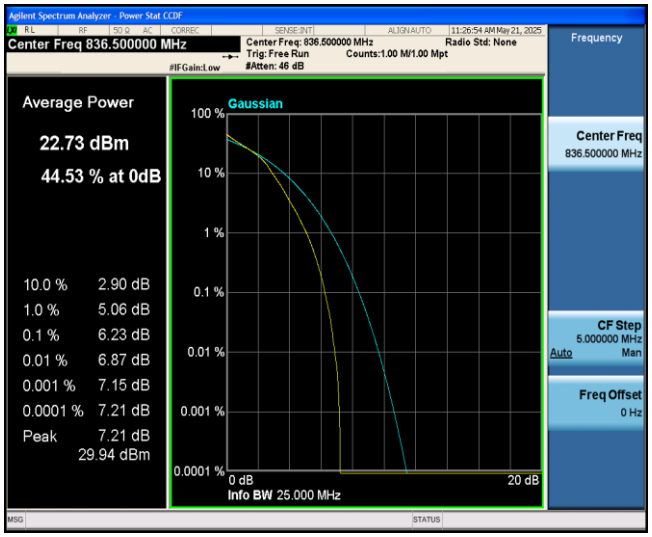

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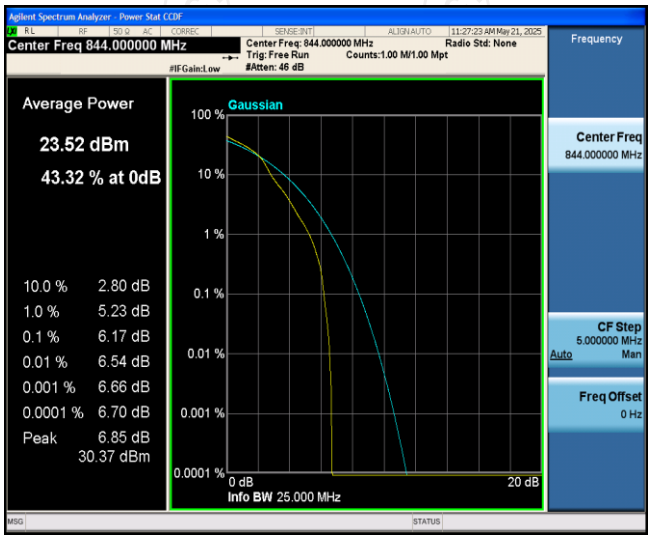

Band5-10MHz-16QAM-20600-1RB#0

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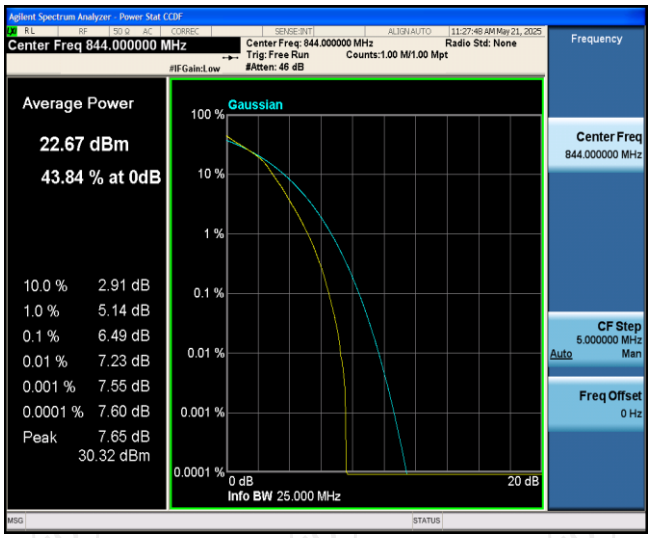


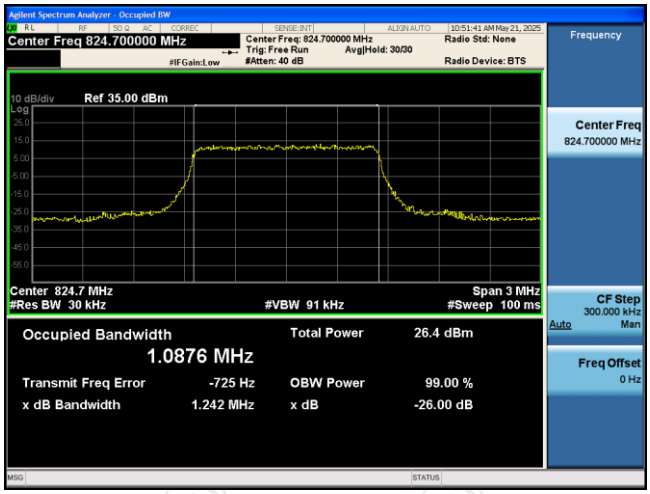
Band5-10MHz-16QAM-20600-50RB#0

AppendixC:26dB Bandwidth andOccupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0876	1.242	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0843	1.216	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0851	1.226	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0847	1.218	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0858	1.231	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0874	1.219	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6873	2.845	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6841	2.846	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6796	2.854	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6802	2.851	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6839	2.854	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6798	2.858	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4949	4.877	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4935	4.876	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4955	4.878	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4973	4.896	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4957	4.858	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4963	4.874	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9845	9.602	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9829	9.579	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9698	9.555	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9728	9.609	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9665	9.583	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9759	9.599	PASS

Test Graphs



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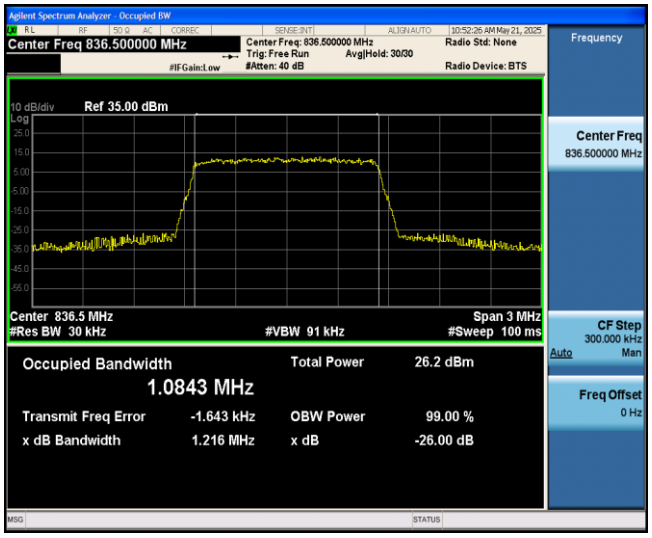

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