

AppendixA: Effective (Isotropic) Radiated Power Output Data

Test Result

Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Verdict
1.4MHz	QPSK	20407	1RB#0	23.01	19.16	PASS
1.4MHz	QPSK	20407	1RB#2	23.06	19.21	PASS
1.4MHz	QPSK	20407	1RB#5	23.10	19.25	PASS
1.4MHz	QPSK	20407	3RB#0	23.43	19.58	PASS
1.4MHz	QPSK	20407	3RB#1	23.57	19.72	PASS
1.4MHz	QPSK	20407	3RB#3	23.46	19.61	PASS
1.4MHz	QPSK	20407	6RB#0	22.35	18.50	PASS
1.4MHz	QPSK	20525	1RB#0	23.58	19.73	PASS
1.4MHz	QPSK	20525	1RB#2	23.73	19.88	PASS
1.4MHz	QPSK	20525	1RB#5	23.68	19.83	PASS
1.4MHz	QPSK	20525	3RB#0	23.34	19.49	PASS
1.4MHz	QPSK	20525	3RB#1	23.51	19.66	PASS
1.4MHz	QPSK	20525	3RB#3	23.66	19.81	PASS
1.4MHz	QPSK	20525	6RB#0	22.49	18.64	PASS
1.4MHz	QPSK	20643	1RB#0	23.20	19.35	PASS
1.4MHz	QPSK	20643	1RB#2	23.21	19.36	PASS
1.4MHz	QPSK	20643	1RB#5	22.96	19.11	PASS
1.4MHz	QPSK	20643	3RB#0	23.15	19.30	PASS
1.4MHz	QPSK	20643	3RB#1	23.21	19.36	PASS
1.4MHz	QPSK	20643	3RB#3	23.08	19.23	PASS
1.4MHz	QPSK	20643	6RB#0	22.03	18.18	PASS
1.4MHz	16QAM	20407	1RB#0	22.54	18.69	PASS
1.4MHz	16QAM	20407	1RB#2	22.23	18.38	PASS
1.4MHz	16QAM	20407	1RB#5	22.50	18.65	PASS
1.4MHz	16QAM	20407	3RB#0	22.37	18.52	PASS
1.4MHz	16QAM	20407	3RB#1	22.19	18.34	PASS
1.4MHz	16QAM	20407	3RB#3	22.46	18.61	PASS
1.4MHz	16QAM	20407	6RB#0	21.37	17.52	PASS
1.4MHz	16QAM	20525	1RB#0	22.87	19.02	PASS
1.4MHz	16QAM	20525	1RB#2	23.02	19.17	PASS
1.4MHz	16QAM	20525	1RB#5	23.05	19.20	PASS
1.4MHz	16QAM	20525	3RB#0	22.35	18.50	PASS

1.4MHz	16QAM	20525	3RB#1	22.34	18.49	PASS
1.4MHz	16QAM	20525	3RB#3	22.41	18.56	PASS
1.4MHz	16QAM	20525	6RB#0	21.66	17.81	PASS
1.4MHz	16QAM	20643	1RB#0	22.30	18.45	PASS
1.4MHz	16QAM	20643	1RB#2	22.95	19.10	PASS
1.4MHz	16QAM	20643	1RB#5	22.49	18.64	PASS
1.4MHz	16QAM	20643	3RB#0	21.80	17.95	PASS
1.4MHz	16QAM	20643	3RB#1	21.86	18.01	PASS
1.4MHz	16QAM	20643	3RB#3	21.85	18.00	PASS
1.4MHz	16QAM	20643	6RB#0	21.35	17.50	PASS
3MHz	QPSK	20415	1RB#0	23.36	19.51	PASS
3MHz	QPSK	20415	1RB#8	22.88	19.03	PASS
3MHz	QPSK	20415	1RB#14	23.22	19.37	PASS
3MHz	QPSK	20415	8RB#0	22.45	18.60	PASS
3MHz	QPSK	20415	8RB#4	22.32	18.47	PASS
3MHz	QPSK	20415	8RB#7	22.42	18.57	PASS
3MHz	QPSK	20415	15RB#0	22.40	18.55	PASS
3MHz	QPSK	20525	1RB#0	23.30	19.45	PASS
3MHz	QPSK	20525	1RB#8	23.27	19.42	PASS
3MHz	QPSK	20525	1RB#14	23.67	19.82	PASS
3MHz	QPSK	20525	8RB#0	21.65	17.80	PASS
3MHz	QPSK	20525	8RB#4	21.97	18.12	PASS
3MHz	QPSK	20525	8RB#7	22.00	18.15	PASS
3MHz	QPSK	20525	15RB#0	21.73	17.88	PASS
3MHz	QPSK	20635	1RB#0	22.65	18.80	PASS
3MHz	QPSK	20635	1RB#8	22.57	18.72	PASS
3MHz	QPSK	20635	1RB#14	22.17	18.32	PASS
3MHz	QPSK	20635	8RB#0	21.44	17.59	PASS
3MHz	QPSK	20635	8RB#4	21.44	17.59	PASS
3MHz	QPSK	20635	8RB#7	21.31	17.46	PASS
3MHz	QPSK	20635	15RB#0	21.32	17.47	PASS
3MHz	16QAM	20415	1RB#0	22.49	18.64	PASS
3MHz	16QAM	20415	1RB#8	22.18	18.33	PASS
3MHz	16QAM	20415	1RB#14	22.41	18.56	PASS
3MHz	16QAM	20415	8RB#0	21.54	17.69	PASS
3MHz	16QAM	20415	8RB#4	21.64	17.79	PASS
3MHz	16QAM	20415	8RB#7	20.95	17.10	PASS

3MHz	16QAM	20415	15RB#0	21.37	17.52	PASS
3MHz	16QAM	20525	1RB#0	21.92	18.07	PASS
3MHz	16QAM	20525	1RB#8	22.75	18.90	PASS
3MHz	16QAM	20525	1RB#14	22.39	18.54	PASS
3MHz	16QAM	20525	8RB#0	20.45	16.60	PASS
3MHz	16QAM	20525	8RB#4	20.67	16.82	PASS
3MHz	16QAM	20525	8RB#7	20.64	16.79	PASS
3MHz	16QAM	20525	15RB#0	20.41	16.56	PASS
3MHz	16QAM	20635	1RB#0	21.65	17.80	PASS
3MHz	16QAM	20635	1RB#8	21.55	17.70	PASS
3MHz	16QAM	20635	1RB#14	21.55	17.70	PASS
3MHz	16QAM	20635	8RB#0	20.32	16.47	PASS
3MHz	16QAM	20635	8RB#4	20.33	16.48	PASS
3MHz	16QAM	20635	8RB#7	20.66	16.81	PASS
3MHz	16QAM	20635	15RB#0	20.08	16.23	PASS
5MHz	QPSK	20425	1RB#0	22.68	18.83	PASS
5MHz	QPSK	20425	1RB#12	22.91	19.06	PASS
5MHz	QPSK	20425	1RB#24	22.85	19.00	PASS
5MHz	QPSK	20425	12RB#0	22.01	18.16	PASS
5MHz	QPSK	20425	12RB#6	21.80	17.95	PASS
5MHz	QPSK	20425	12RB#13	21.79	17.94	PASS
5MHz	QPSK	20425	25RB#0	21.81	17.96	PASS
5MHz	QPSK	20525	1RB#0	22.94	19.09	PASS
5MHz	QPSK	20525	1RB#12	23.16	19.31	PASS
5MHz	QPSK	20525	1RB#24	22.66	18.81	PASS
5MHz	QPSK	20525	12RB#0	21.91	18.06	PASS
5MHz	QPSK	20525	12RB#6	21.87	18.02	PASS
5MHz	QPSK	20525	12RB#13	21.93	18.08	PASS
5MHz	QPSK	20525	25RB#0	21.83	17.98	PASS
5MHz	QPSK	20625	1RB#0	22.46	18.61	PASS
5MHz	QPSK	20625	1RB#12	22.64	18.79	PASS
5MHz	QPSK	20625	1RB#24	22.51	18.66	PASS
5MHz	QPSK	20625	12RB#0	21.87	18.02	PASS
5MHz	QPSK	20625	12RB#6	21.59	17.74	PASS
5MHz	QPSK	20625	12RB#13	21.32	17.47	PASS
5MHz	QPSK	20625	25RB#0	21.56	17.71	PASS
5MHz	16QAM	20425	1RB#0	21.43	17.58	PASS

5MHz	16QAM	20425	1RB#12	21.68	17.83	PASS
5MHz	16QAM	20425	1RB#24	21.60	17.75	PASS
5MHz	16QAM	20425	12RB#0	20.92	17.07	PASS
5MHz	16QAM	20425	12RB#6	20.94	17.09	PASS
5MHz	16QAM	20425	12RB#13	20.57	16.72	PASS
5MHz	16QAM	20425	25RB#0	20.85	17.00	PASS
5MHz	16QAM	20525	1RB#0	21.90	18.05	PASS
5MHz	16QAM	20525	1RB#12	22.35	18.50	PASS
5MHz	16QAM	20525	1RB#24	21.80	17.95	PASS
5MHz	16QAM	20525	12RB#0	21.06	17.21	PASS
5MHz	16QAM	20525	12RB#6	20.89	17.04	PASS
5MHz	16QAM	20525	12RB#13	21.06	17.21	PASS
5MHz	16QAM	20525	25RB#0	20.78	16.93	PASS
5MHz	16QAM	20625	1RB#0	21.70	17.85	PASS
5MHz	16QAM	20625	1RB#12	21.98	18.13	PASS
5MHz	16QAM	20625	1RB#24	21.88	18.03	PASS
5MHz	16QAM	20625	12RB#0	20.57	16.72	PASS
5MHz	16QAM	20625	12RB#6	20.49	16.64	PASS
5MHz	16QAM	20625	12RB#13	20.46	16.61	PASS
5MHz	16QAM	20625	25RB#0	20.72	16.87	PASS
10MHz	QPSK	20450	1RB#0	22.81	18.96	PASS
10MHz	QPSK	20450	1RB#24	22.73	18.88	PASS
10MHz	QPSK	20450	1RB#49	23.09	19.24	PASS
10MHz	QPSK	20450	25RB#0	21.95	18.10	PASS
10MHz	QPSK	20450	25RB#12	21.92	18.07	PASS
10MHz	QPSK	20450	25RB#25	21.80	17.95	PASS
10MHz	QPSK	20450	50RB#0	21.85	18.00	PASS
10MHz	QPSK	20525	1RB#0	22.86	19.01	PASS
10MHz	QPSK	20525	1RB#24	23.01	19.16	PASS
10MHz	QPSK	20525	1RB#49	23.22	19.37	PASS
10MHz	QPSK	20525	25RB#0	22.05	18.20	PASS
10MHz	QPSK	20525	25RB#12	21.94	18.09	PASS
10MHz	QPSK	20525	25RB#25	21.86	18.01	PASS
10MHz	QPSK	20525	50RB#0	21.86	18.01	PASS
10MHz	QPSK	20600	1RB#0	22.82	18.97	PASS
10MHz	QPSK	20600	1RB#24	22.75	18.90	PASS
10MHz	QPSK	20600	1RB#49	22.60	18.75	PASS

10MHz	QPSK	20600	25RB#0	21.85	18.00	PASS
10MHz	QPSK	20600	25RB#12	21.90	18.05	PASS
10MHz	QPSK	20600	25RB#25	21.69	17.84	PASS
10MHz	QPSK	20600	50RB#0	21.79	17.94	PASS
10MHz	16QAM	20450	1RB#0	21.94	18.09	PASS
10MHz	16QAM	20450	1RB#24	22.05	18.20	PASS
10MHz	16QAM	20450	1RB#49	22.00	18.15	PASS
10MHz	16QAM	20450	25RB#0	20.88	17.03	PASS
10MHz	16QAM	20450	25RB#12	20.96	17.11	PASS
10MHz	16QAM	20450	25RB#25	20.91	17.06	PASS
10MHz	16QAM	20450	50RB#0	20.79	16.94	PASS
10MHz	16QAM	20525	1RB#0	21.96	18.11	PASS
10MHz	16QAM	20525	1RB#24	22.37	18.52	PASS
10MHz	16QAM	20525	1RB#49	21.94	18.09	PASS
10MHz	16QAM	20525	25RB#0	21.01	17.16	PASS
10MHz	16QAM	20525	25RB#12	21.02	17.17	PASS
10MHz	16QAM	20525	25RB#25	20.95	17.10	PASS
10MHz	16QAM	20525	50RB#0	20.87	17.02	PASS
10MHz	16QAM	20600	1RB#0	22.50	18.65	PASS
10MHz	16QAM	20600	1RB#24	22.87	19.02	PASS
10MHz	16QAM	20600	1RB#49	22.05	18.20	PASS
10MHz	16QAM	20600	25RB#0	20.75	16.90	PASS
10MHz	16QAM	20600	25RB#12	20.97	17.12	PASS
10MHz	16QAM	20600	25RB#25	20.81	16.96	PASS
10MHz	16QAM	20600	50RB#0	20.88	17.03	PASS

AppendixB:Peak-to-Average Ratio(CCDF)

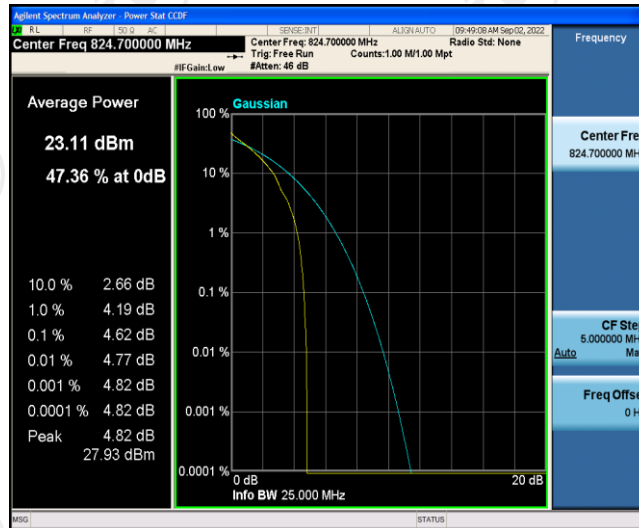
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.62	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.44	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3.90	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.64	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.81	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.67	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.29	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.18	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	4.89	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.50	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.65	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.49	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.75	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.37	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	3.89	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.64	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.19	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.77	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.45	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.53	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	4.82	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.72	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.04	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.73	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.86	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.25	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	3.98	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.71	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.18	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.90	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.40	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.21	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	4.81	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.56	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.04	13	PASS

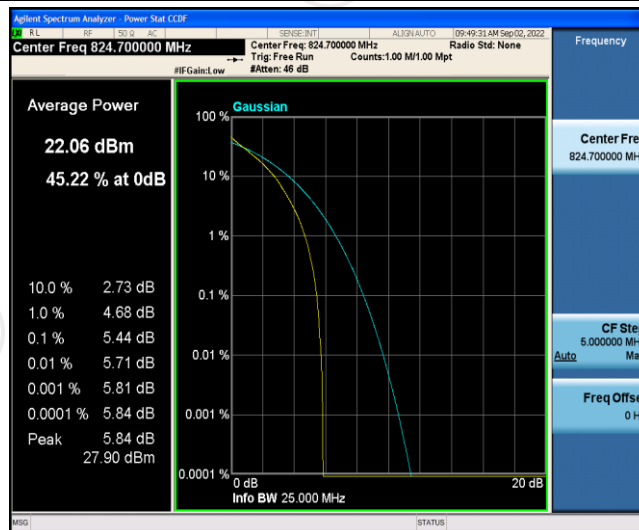
Band5	5MHz	16QAM	20625	25RB#0	5.87	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.85	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.12	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.19	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.86	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	3.99	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.06	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.16	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.99	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	4.92	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.68	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.91	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.99	13	PASS

Test Graphs

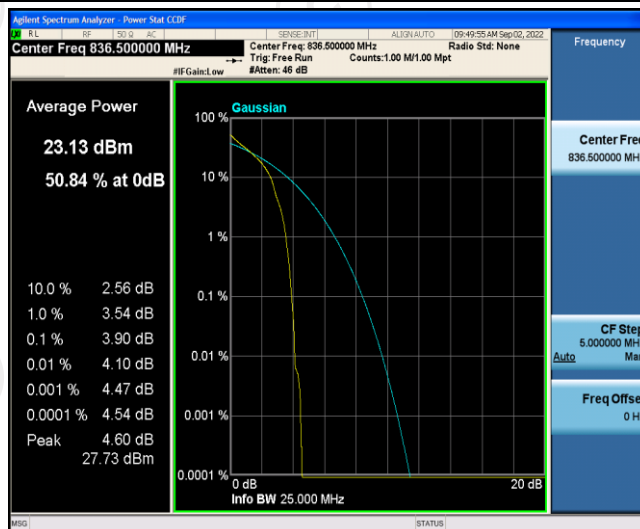
Band5-1.4MHz-QPSK-20407-1RB#0



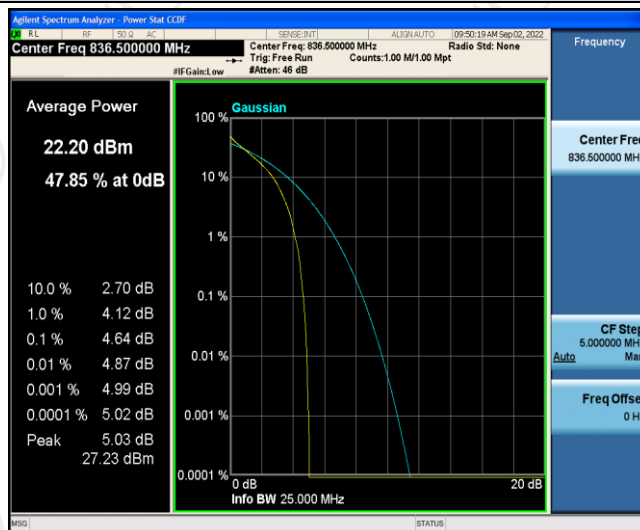
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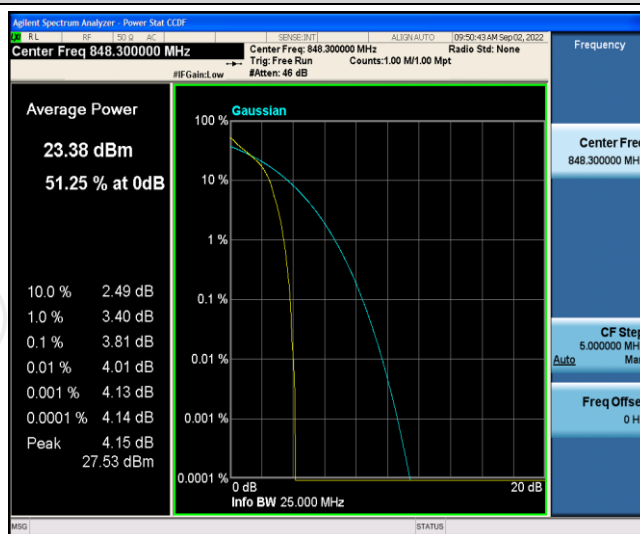
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Band5-1.4MHz-QPSK-20525-6RB#0



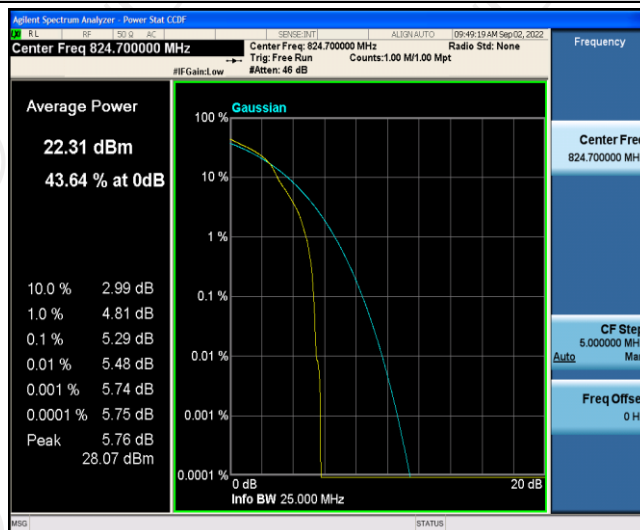
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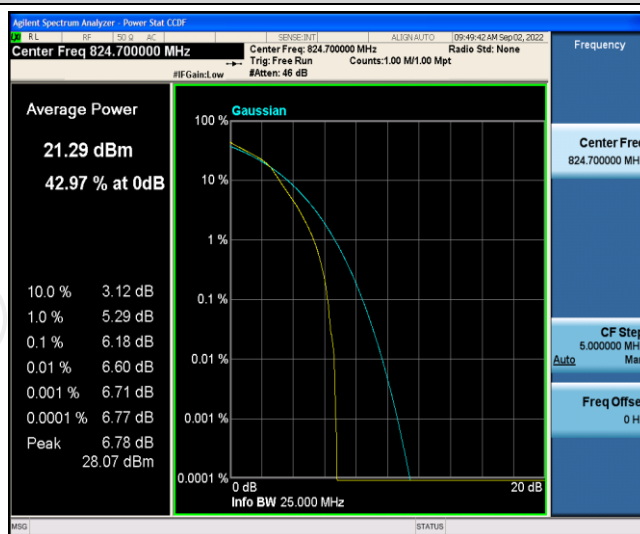
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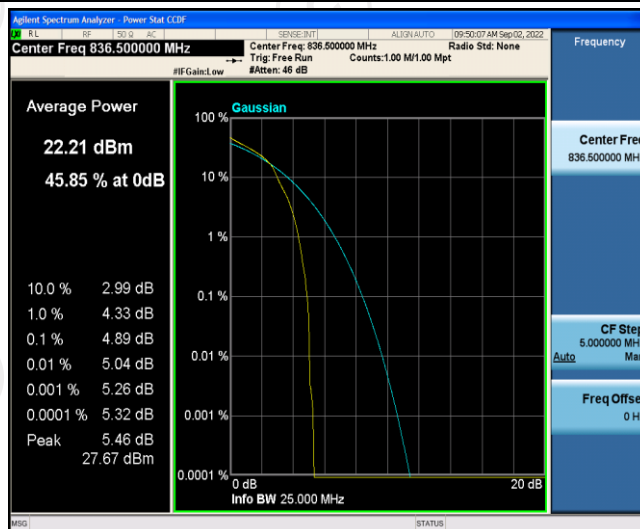
Band5-1.4MHz-16QAM-20407-1RB#0



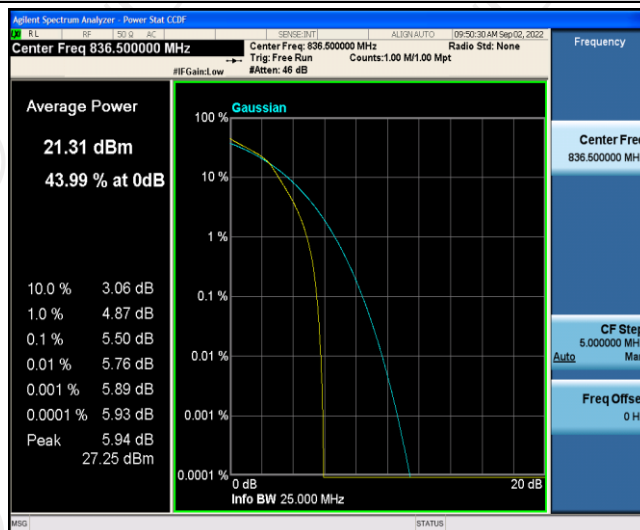
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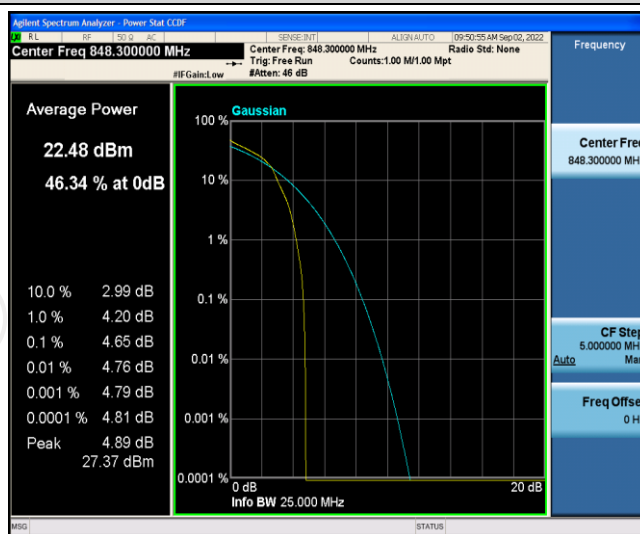
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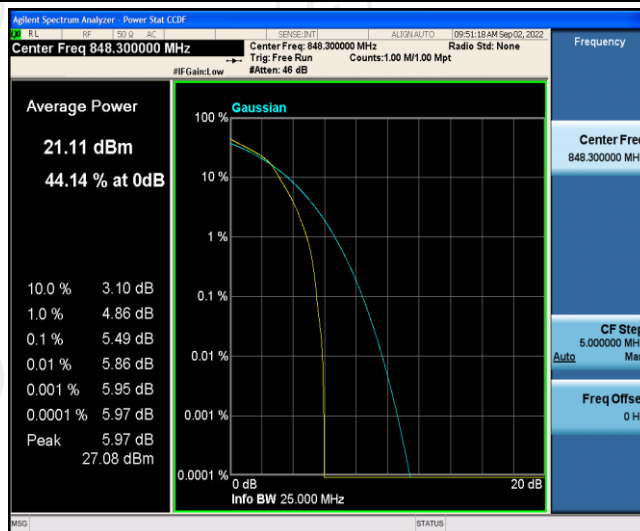
Band5-1.4MHz-16QAM-20525-6RB#0



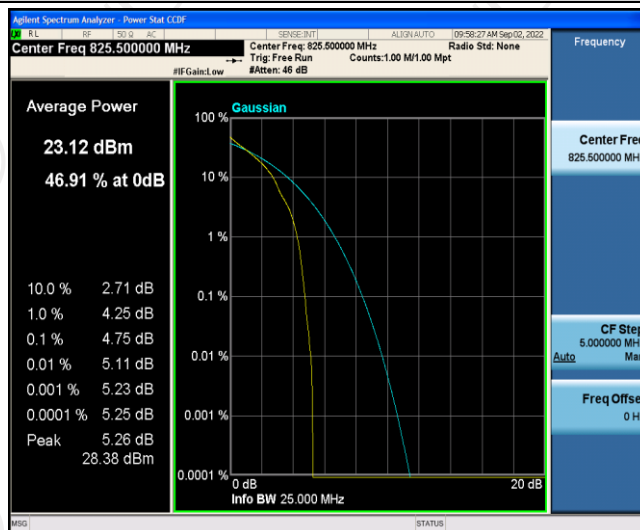
Band5-1.4MHz-16QAM-20643-1RB#0



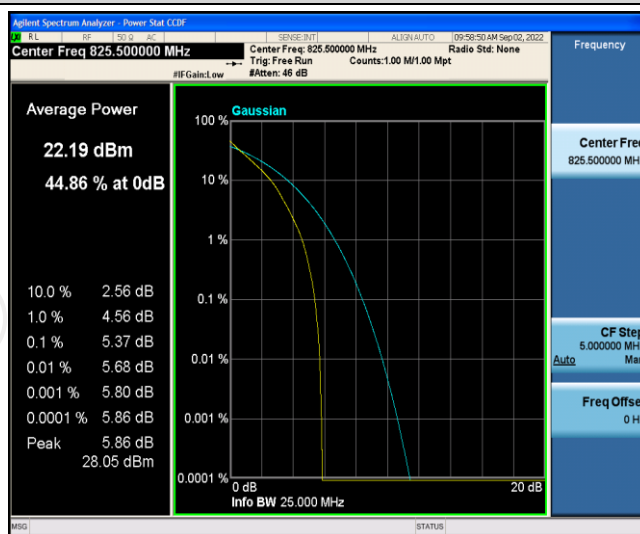
Band5-1.4MHz-16QAM-20643-6RB#0



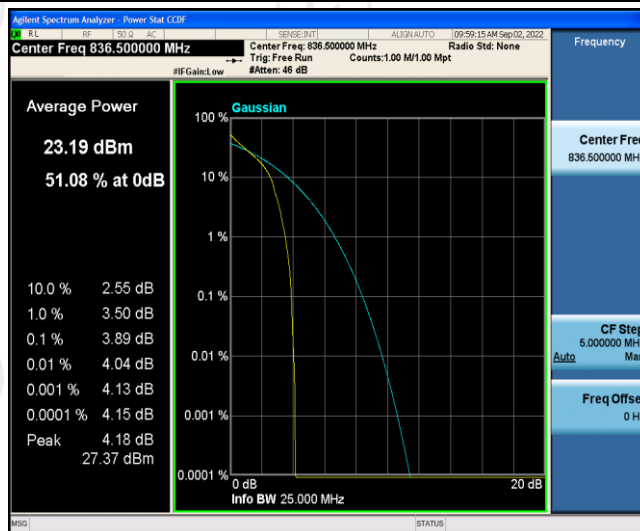
Band5-3MHz-QPSK-20415-1RB#0



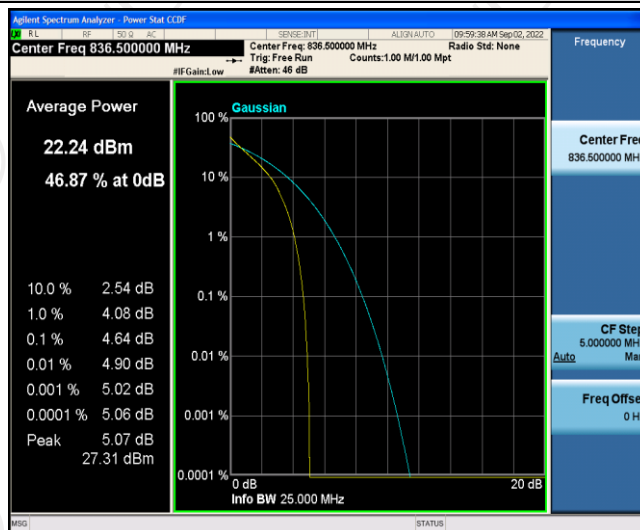
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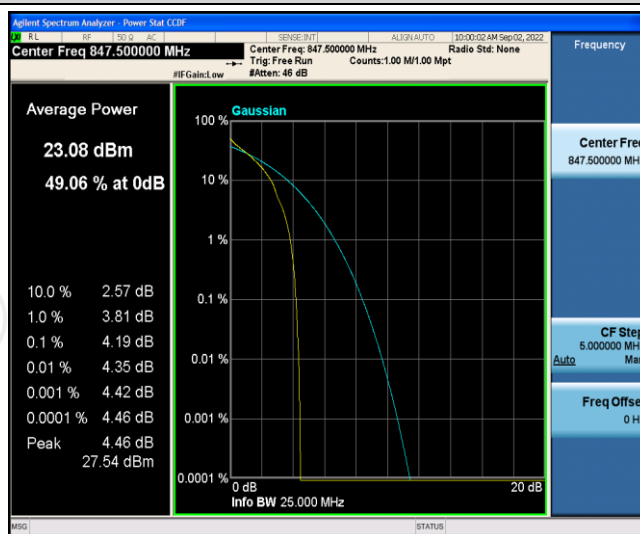
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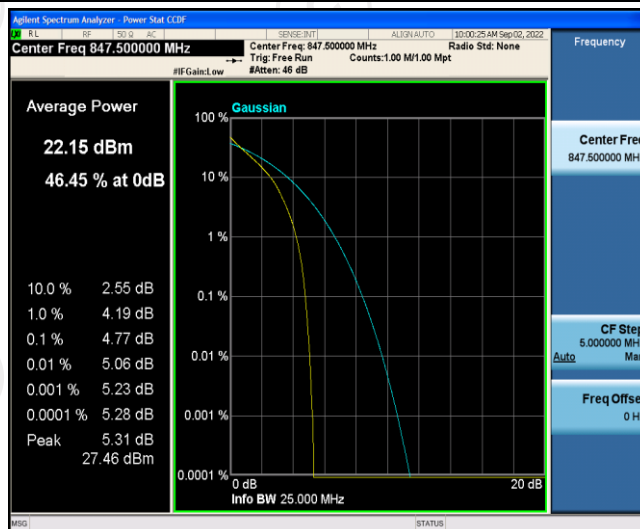
Band5-3MHz-QPSK-20525-15RB#0



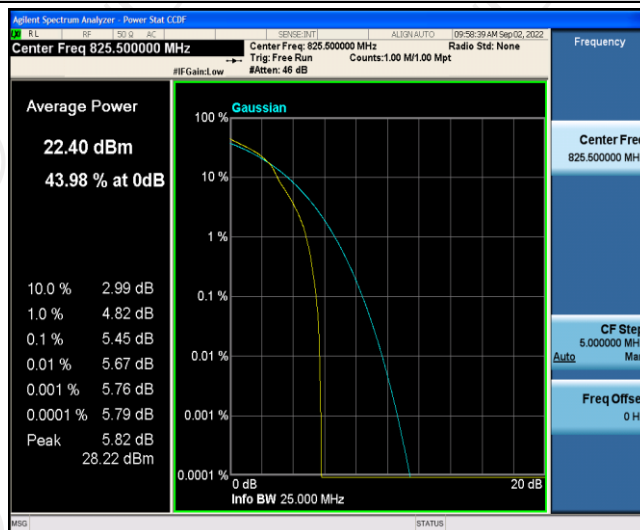
Band5-3MHz-QPSK-20635-1RB#0



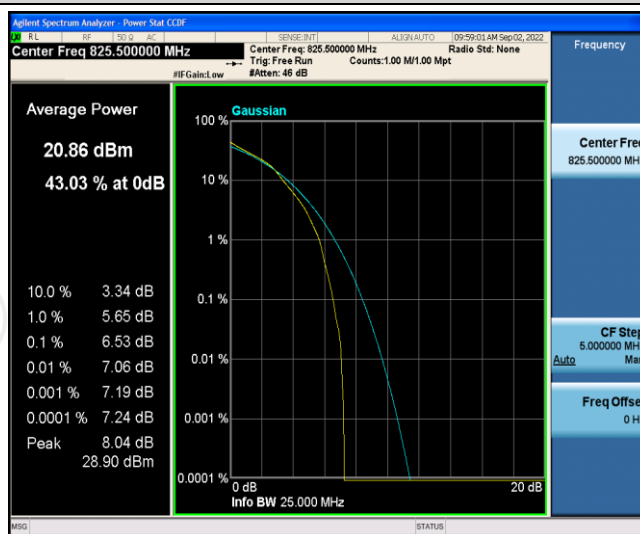
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Band5-3MHz-16QAM-20415-1RB#0



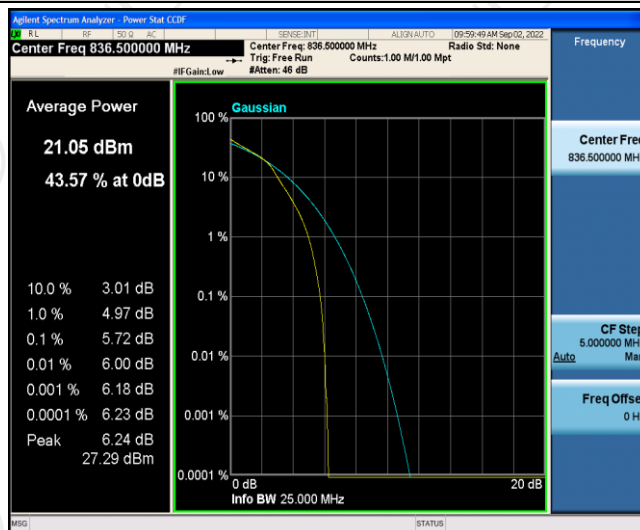
Band5-3MHz-16QAM-20415-15RB#0



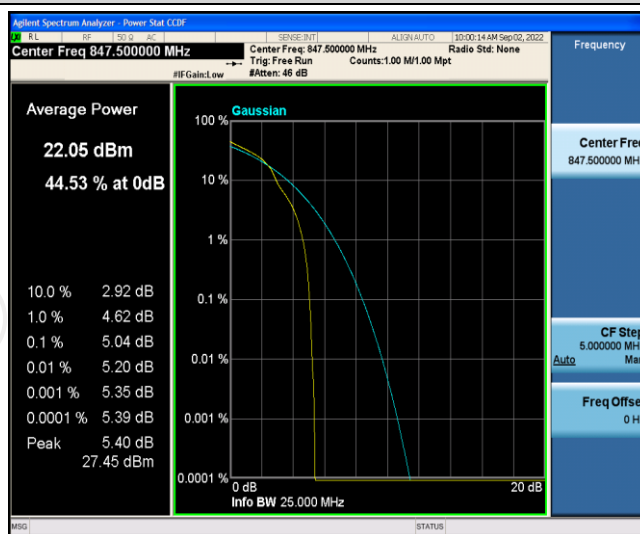
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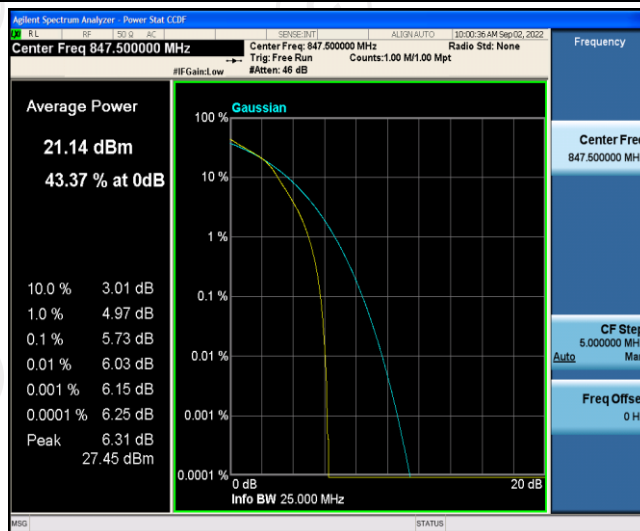
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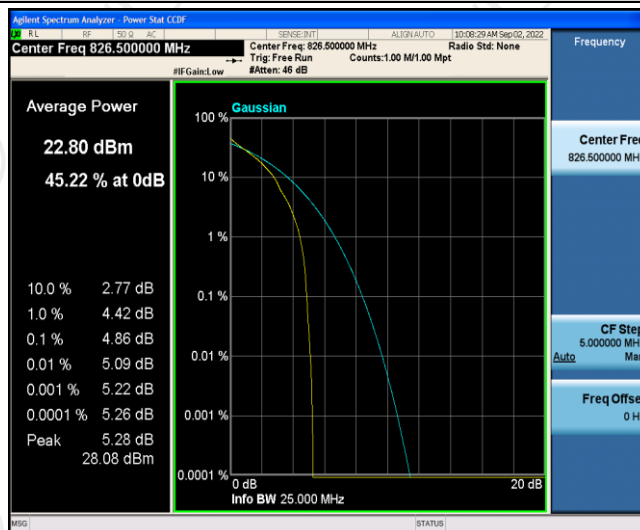
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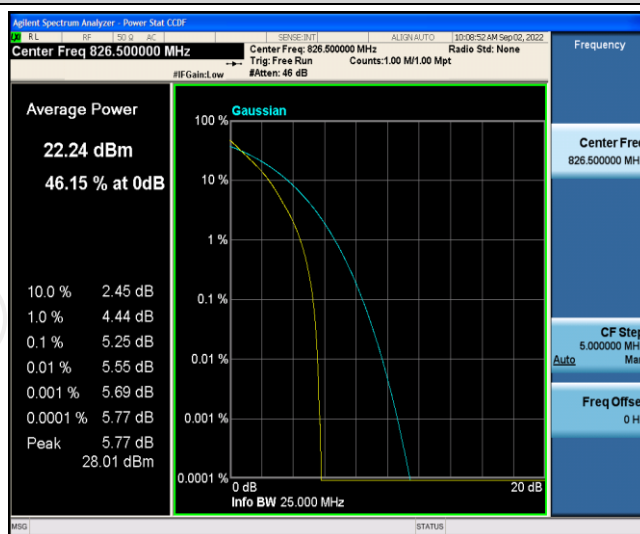
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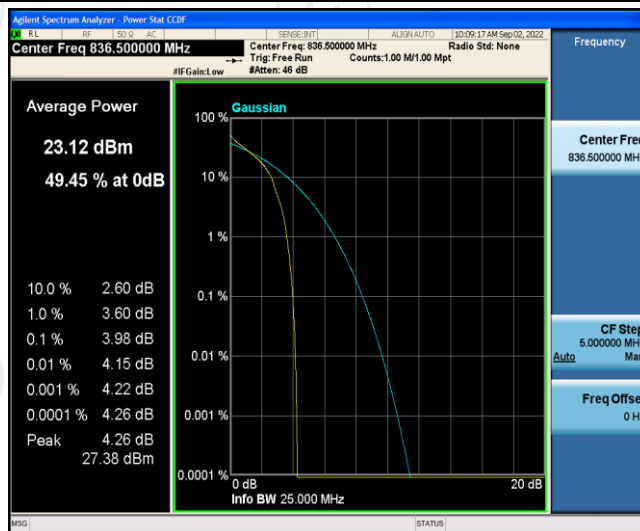
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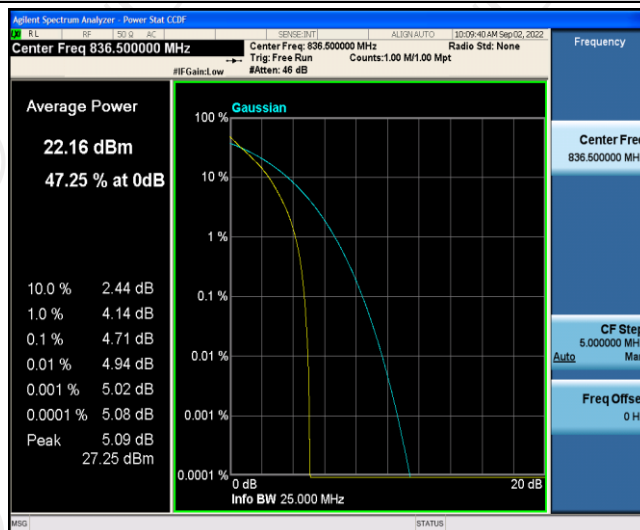
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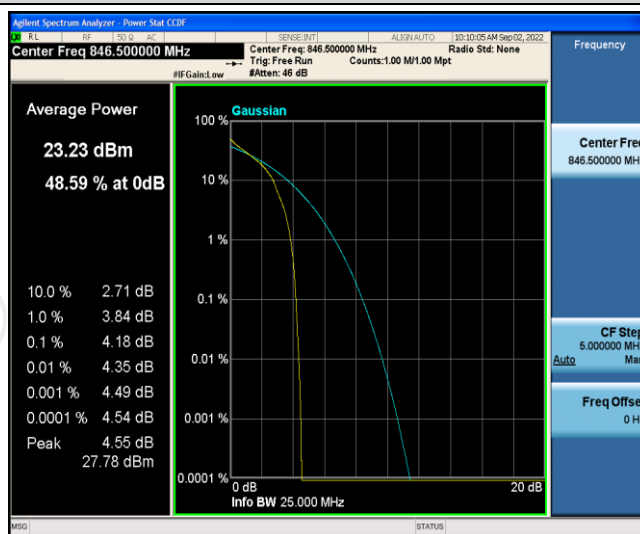
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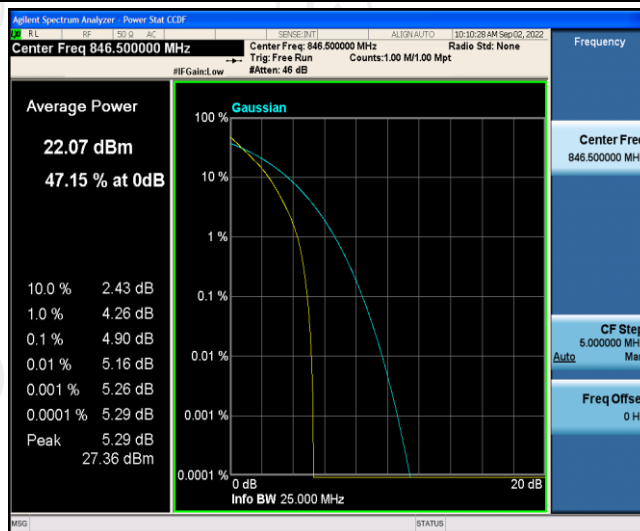
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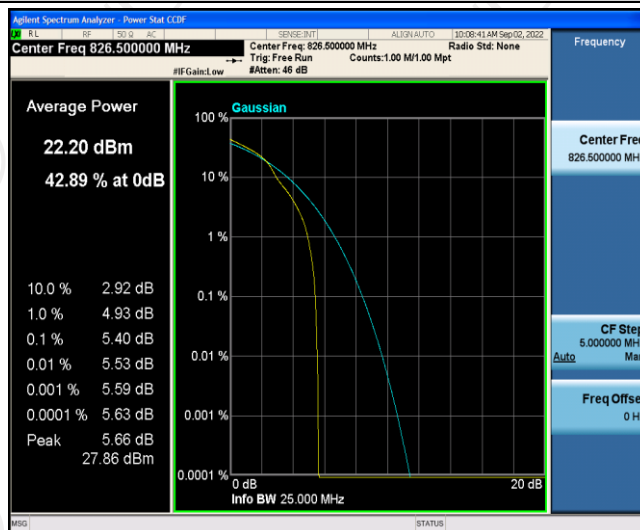
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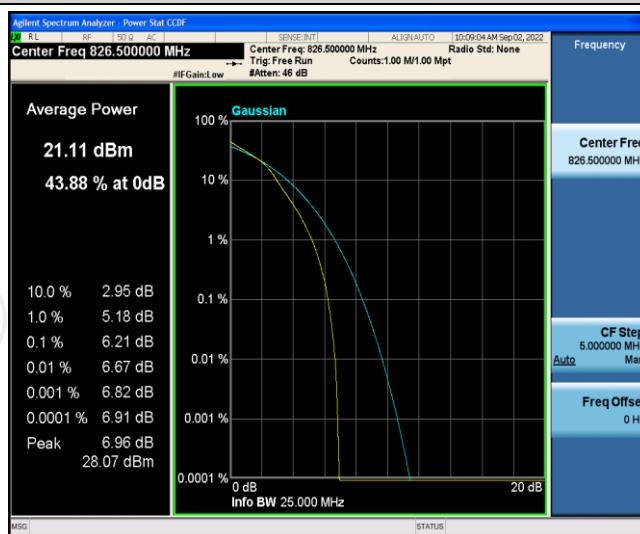
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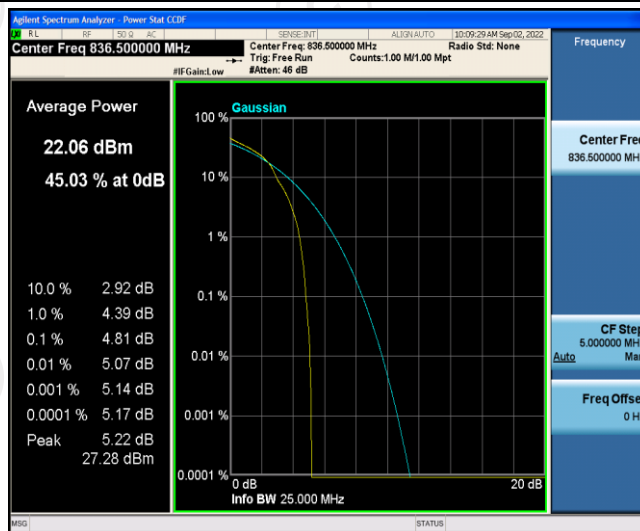
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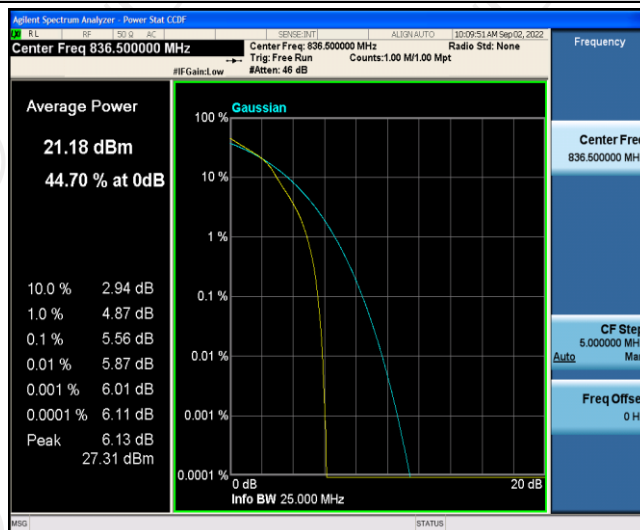
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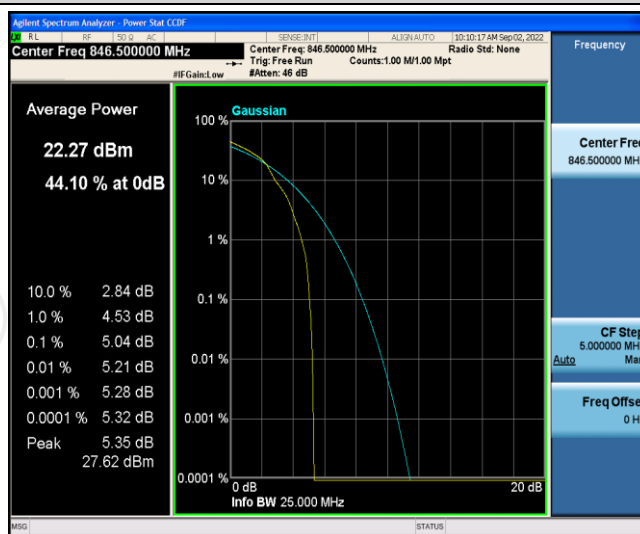
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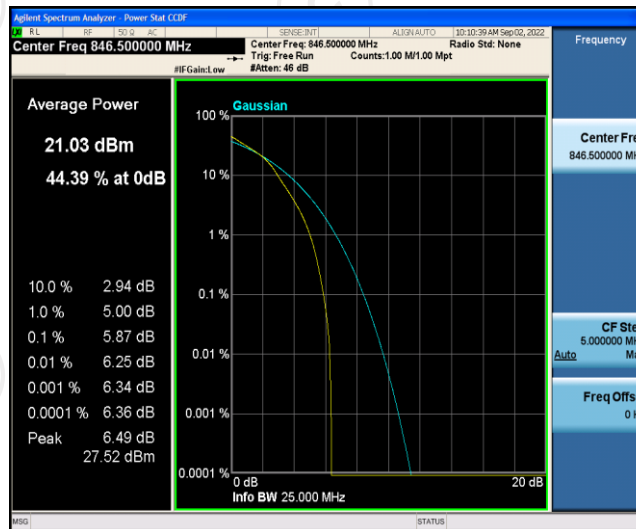
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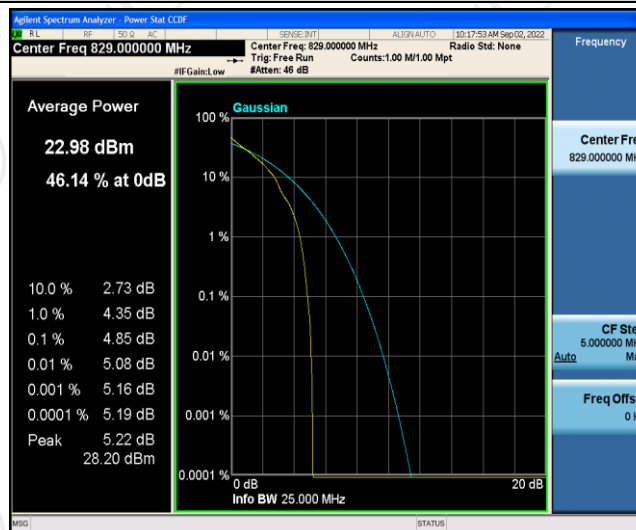
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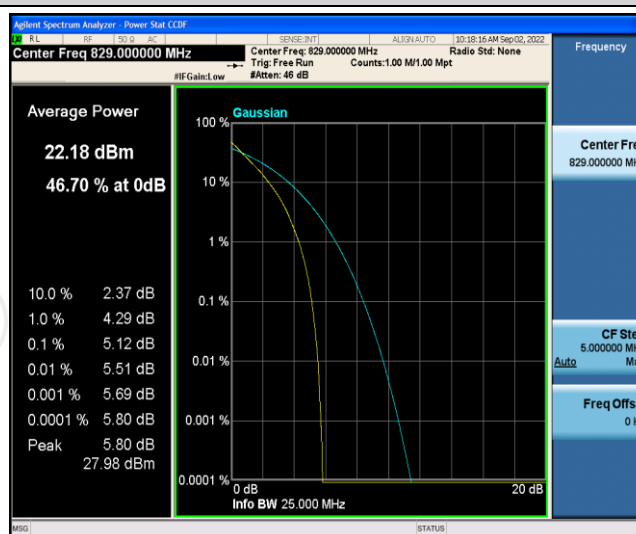
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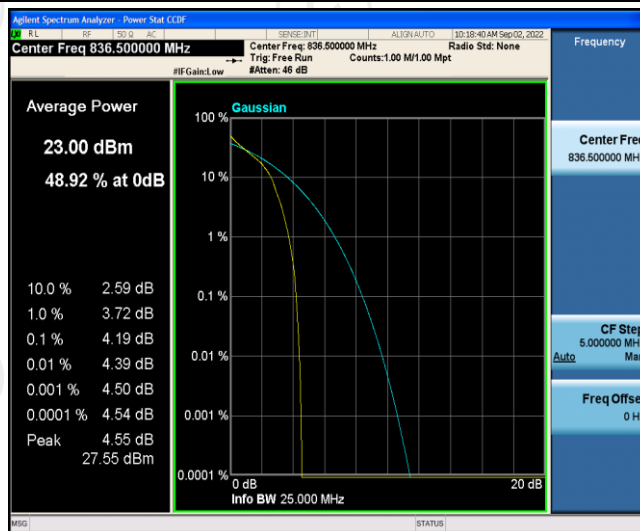
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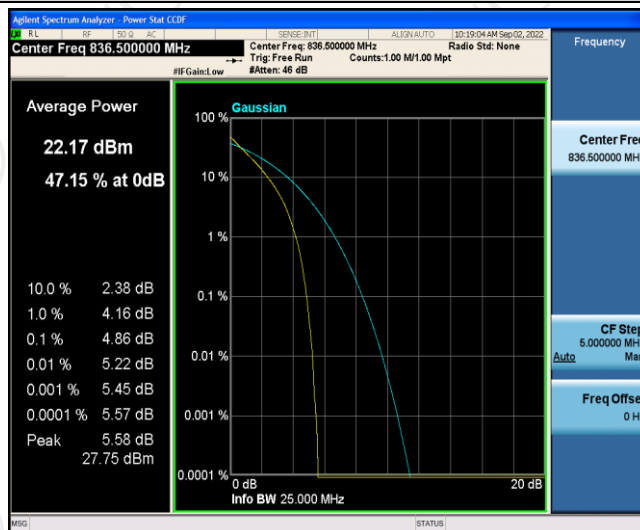
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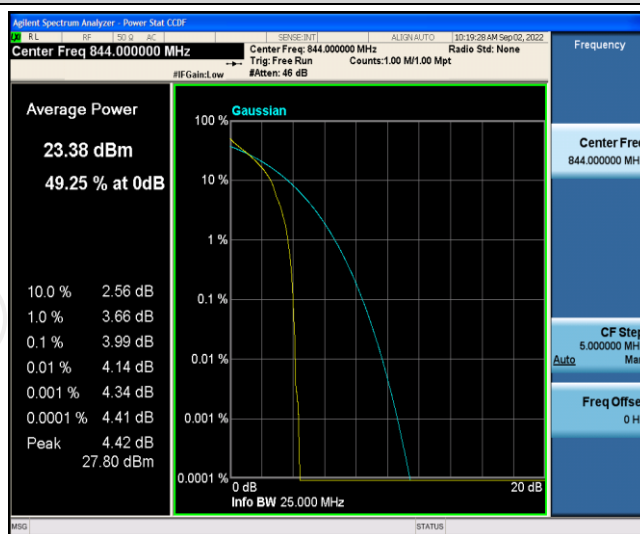
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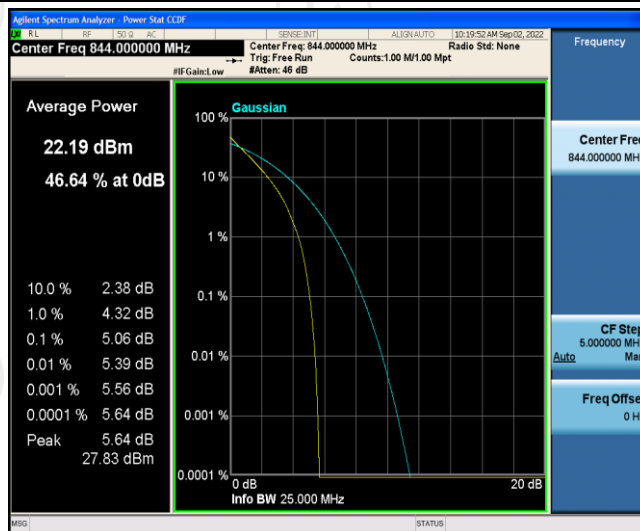
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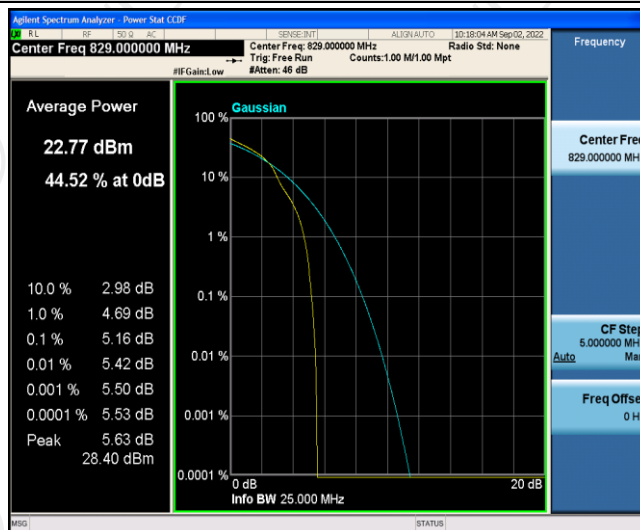
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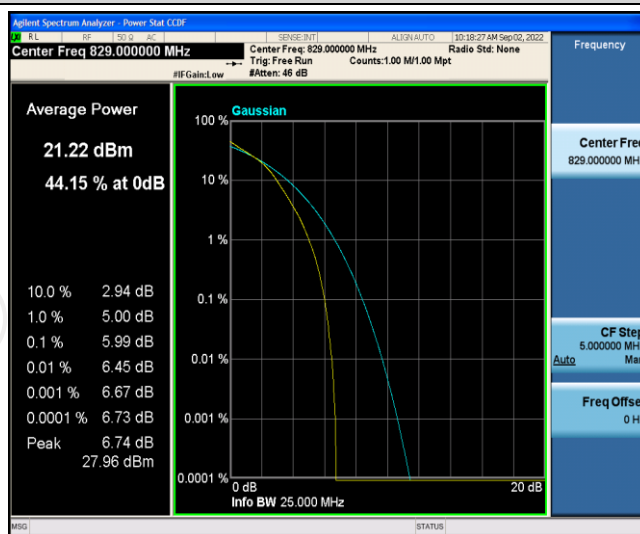
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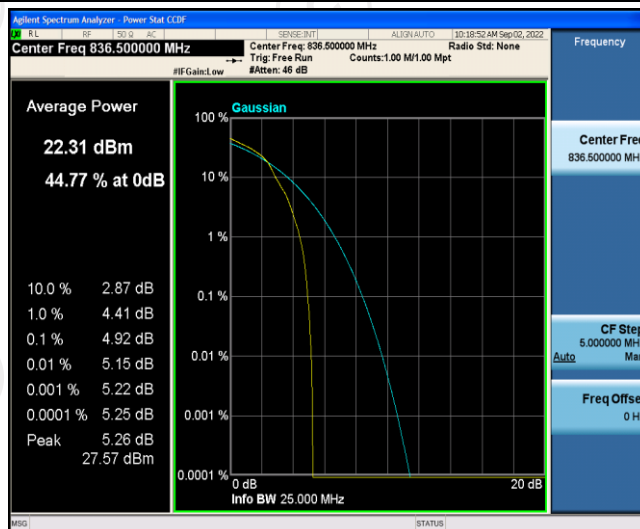
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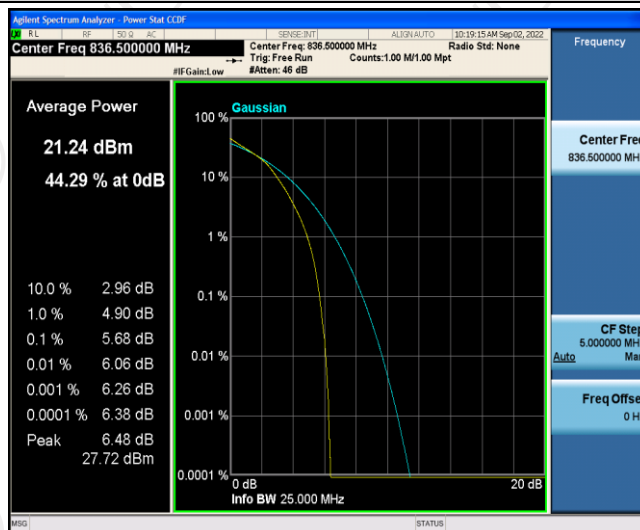
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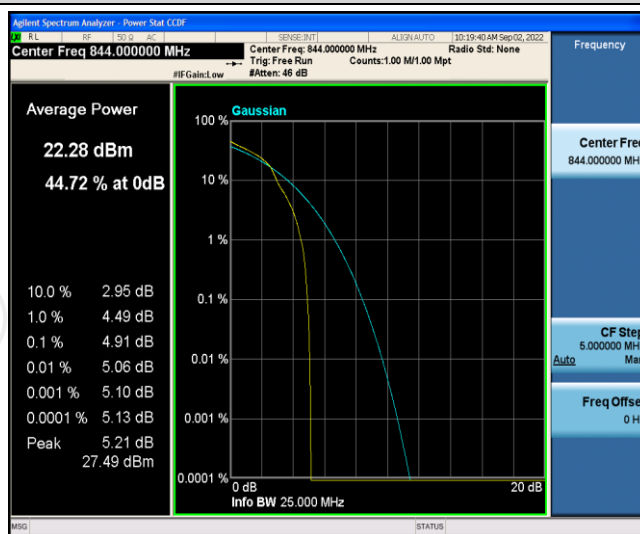
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