

AppendixA: Effective (Isotropic) Radiated Power Output Data

Test Result

Bandwidth	Modulation	Channel	RB Configuration	Average Power [dBm]	E.r.p [dBm]	Verdict
1.4MHz	QPSK	20407	1RB#0	22.67	12.84	PASS
1.4MHz	QPSK	20407	1RB#2	22.78	12.95	PASS
1.4MHz	QPSK	20407	1RB#5	22.67	12.84	PASS
1.4MHz	QPSK	20407	3RB#0	22.65	12.82	PASS
1.4MHz	QPSK	20407	3RB#1	22.65	12.82	PASS
1.4MHz	QPSK	20407	3RB#3	22.65	12.82	PASS
1.4MHz	QPSK	20407	6RB#0	21.69	11.86	PASS
1.4MHz	QPSK	20525	1RB#0	22.60	12.77	PASS
1.4MHz	QPSK	20525	1RB#2	22.69	12.86	PASS
1.4MHz	QPSK	20525	1RB#5	22.59	12.76	PASS
1.4MHz	QPSK	20525	3RB#0	22.68	12.85	PASS
1.4MHz	QPSK	20525	3RB#1	22.66	12.83	PASS
1.4MHz	QPSK	20525	3RB#3	22.68	12.85	PASS
1.4MHz	QPSK	20525	6RB#0	21.68	11.85	PASS
1.4MHz	QPSK	20643	1RB#0	22.59	12.76	PASS
1.4MHz	QPSK	20643	1RB#2	22.75	12.92	PASS
1.4MHz	QPSK	20643	1RB#5	22.61	12.78	PASS
1.4MHz	QPSK	20643	3RB#0	22.62	12.79	PASS
1.4MHz	QPSK	20643	3RB#1	22.64	12.81	PASS
1.4MHz	QPSK	20643	3RB#3	22.65	12.82	PASS
1.4MHz	QPSK	20643	6RB#0	21.67	11.84	PASS
1.4MHz	16QAM	20407	1RB#0	21.45	11.62	PASS
1.4MHz	16QAM	20407	1RB#2	21.70	11.87	PASS
1.4MHz	16QAM	20407	1RB#5	21.49	11.66	PASS
1.4MHz	16QAM	20407	3RB#0	21.54	11.71	PASS
1.4MHz	16QAM	20407	3RB#1	21.54	11.71	PASS
1.4MHz	16QAM	20407	3RB#3	21.54	11.71	PASS
1.4MHz	16QAM	20407	6RB#0	20.46	10.63	PASS
1.4MHz	16QAM	20525	1RB#0	21.43	11.60	PASS
1.4MHz	16QAM	20525	1RB#2	21.55	11.72	PASS
1.4MHz	16QAM	20525	1RB#5	21.32	11.49	PASS

1.4MHz	16QAM	20525	3RB#0	21.49	11.66	PASS
1.4MHz	16QAM	20525	3RB#1	21.48	11.65	PASS
1.4MHz	16QAM	20525	3RB#3	21.48	11.65	PASS
1.4MHz	16QAM	20525	6RB#0	20.62	10.79	PASS
1.4MHz	16QAM	20643	1RB#0	21.44	11.61	PASS
1.4MHz	16QAM	20643	1RB#2	21.66	11.83	PASS
1.4MHz	16QAM	20643	1RB#5	21.46	11.63	PASS
1.4MHz	16QAM	20643	3RB#0	21.38	11.55	PASS
1.4MHz	16QAM	20643	3RB#1	21.40	11.57	PASS
1.4MHz	16QAM	20643	3RB#3	21.41	11.58	PASS
1.4MHz	16QAM	20643	6RB#0	20.69	10.86	PASS
3MHz	QPSK	20415	1RB#0	22.69	12.86	PASS
3MHz	QPSK	20415	1RB#8	22.60	12.77	PASS
3MHz	QPSK	20415	1RB#14	22.67	12.84	PASS
3MHz	QPSK	20415	8RB#0	21.67	11.84	PASS
3MHz	QPSK	20415	8RB#4	21.71	11.88	PASS
3MHz	QPSK	20415	8RB#7	21.72	11.89	PASS
3MHz	QPSK	20415	15RB#0	21.69	11.86	PASS
3MHz	QPSK	20525	1RB#0	22.74	12.91	PASS
3MHz	QPSK	20525	1RB#8	22.70	12.87	PASS
3MHz	QPSK	20525	1RB#14	22.71	12.88	PASS
3MHz	QPSK	20525	8RB#0	21.73	11.90	PASS
3MHz	QPSK	20525	8RB#4	21.75	11.92	PASS
3MHz	QPSK	20525	8RB#7	21.69	11.86	PASS
3MHz	QPSK	20525	15RB#0	21.65	11.82	PASS
3MHz	QPSK	20635	1RB#0	22.76	12.93	PASS
3MHz	QPSK	20635	1RB#8	22.64	12.81	PASS
3MHz	QPSK	20635	1RB#14	22.69	12.86	PASS
3MHz	QPSK	20635	8RB#0	21.64	11.81	PASS
3MHz	QPSK	20635	8RB#4	21.69	11.86	PASS
3MHz	QPSK	20635	8RB#7	21.63	11.80	PASS
3MHz	QPSK	20635	15RB#0	21.65	11.82	PASS
3MHz	16QAM	20415	1RB#0	21.54	11.71	PASS
3MHz	16QAM	20415	1RB#8	21.54	11.71	PASS
3MHz	16QAM	20415	1RB#14	21.54	11.71	PASS
3MHz	16QAM	20415	8RB#0	20.69	10.86	PASS
3MHz	16QAM	20415	8RB#4	20.69	10.86	PASS

3MHz	16QAM	20415	8RB#7	20.71	10.88	PASS
3MHz	16QAM	20415	15RB#0	20.58	10.75	PASS
3MHz	16QAM	20525	1RB#0	21.62	11.79	PASS
3MHz	16QAM	20525	1RB#8	21.56	11.73	PASS
3MHz	16QAM	20525	1RB#14	21.49	11.66	PASS
3MHz	16QAM	20525	8RB#0	20.72	10.89	PASS
3MHz	16QAM	20525	8RB#4	20.72	10.89	PASS
3MHz	16QAM	20525	8RB#7	20.67	10.84	PASS
3MHz	16QAM	20525	15RB#0	20.55	10.72	PASS
3MHz	16QAM	20635	1RB#0	21.53	11.70	PASS
3MHz	16QAM	20635	1RB#8	21.41	11.58	PASS
3MHz	16QAM	20635	1RB#14	21.47	11.64	PASS
3MHz	16QAM	20635	8RB#0	20.67	10.84	PASS
3MHz	16QAM	20635	8RB#4	20.67	10.84	PASS
3MHz	16QAM	20635	8RB#7	20.68	10.85	PASS
3MHz	16QAM	20635	15RB#0	20.59	10.76	PASS
5MHz	QPSK	20425	1RB#0	22.68	12.85	PASS
5MHz	QPSK	20425	1RB#12	22.79	12.96	PASS
5MHz	QPSK	20425	1RB#24	22.68	12.85	PASS
5MHz	QPSK	20425	12RB#0	21.65	11.82	PASS
5MHz	QPSK	20425	12RB#6	21.62	11.79	PASS
5MHz	QPSK	20425	12RB#13	21.72	11.89	PASS
5MHz	QPSK	20425	25RB#0	21.72	11.89	PASS
5MHz	QPSK	20525	1RB#0	22.70	12.87	PASS
5MHz	QPSK	20525	1RB#12	22.68	12.85	PASS
5MHz	QPSK	20525	1RB#24	22.62	12.79	PASS
5MHz	QPSK	20525	12RB#0	21.71	11.88	PASS
5MHz	QPSK	20525	12RB#6	21.75	11.92	PASS
5MHz	QPSK	20525	12RB#13	21.64	11.81	PASS
5MHz	QPSK	20525	25RB#0	21.71	11.88	PASS
5MHz	QPSK	20625	1RB#0	22.69	12.86	PASS
5MHz	QPSK	20625	1RB#12	22.74	12.91	PASS
5MHz	QPSK	20625	1RB#24	22.69	12.86	PASS
5MHz	QPSK	20625	12RB#0	21.60	11.77	PASS
5MHz	QPSK	20625	12RB#6	21.60	11.77	PASS
5MHz	QPSK	20625	12RB#13	21.51	11.68	PASS
5MHz	QPSK	20625	25RB#0	21.63	11.80	PASS

5MHz	16QAM	20425	1RB#0	21.67	11.84	PASS
5MHz	16QAM	20425	1RB#12	21.71	11.88	PASS
5MHz	16QAM	20425	1RB#24	21.69	11.86	PASS
5MHz	16QAM	20425	12RB#0	20.65	10.82	PASS
5MHz	16QAM	20425	12RB#6	20.60	10.77	PASS
5MHz	16QAM	20425	12RB#13	20.68	10.85	PASS
5MHz	16QAM	20425	25RB#0	20.68	10.85	PASS
5MHz	16QAM	20525	1RB#0	21.78	11.95	PASS
5MHz	16QAM	20525	1RB#12	21.76	11.93	PASS
5MHz	16QAM	20525	1RB#24	21.66	11.83	PASS
5MHz	16QAM	20525	12RB#0	20.82	10.99	PASS
5MHz	16QAM	20525	12RB#6	20.75	10.92	PASS
5MHz	16QAM	20525	12RB#13	20.70	10.87	PASS
5MHz	16QAM	20525	25RB#0	20.65	10.82	PASS
5MHz	16QAM	20625	1RB#0	21.47	11.64	PASS
5MHz	16QAM	20625	1RB#12	21.53	11.70	PASS
5MHz	16QAM	20625	1RB#24	21.51	11.68	PASS
5MHz	16QAM	20625	12RB#0	20.69	10.86	PASS
5MHz	16QAM	20625	12RB#6	20.65	10.82	PASS
5MHz	16QAM	20625	12RB#13	20.58	10.75	PASS
5MHz	16QAM	20625	25RB#0	20.65	10.82	PASS
10MHz	QPSK	20450	1RB#0	22.67	12.84	PASS
10MHz	QPSK	20450	1RB#24	22.84	13.01	PASS
10MHz	QPSK	20450	1RB#49	22.65	12.82	PASS
10MHz	QPSK	20450	25RB#0	21.73	11.90	PASS
10MHz	QPSK	20450	25RB#12	21.72	11.89	PASS
10MHz	QPSK	20450	25RB#25	21.82	11.99	PASS
10MHz	QPSK	20450	50RB#0	21.71	11.88	PASS
10MHz	QPSK	20525	1RB#0	22.80	12.97	PASS
10MHz	QPSK	20525	1RB#24	22.74	12.91	PASS
10MHz	QPSK	20525	1RB#49	22.68	12.85	PASS
10MHz	QPSK	20525	25RB#0	21.82	11.99	PASS
10MHz	QPSK	20525	25RB#12	21.87	12.04	PASS
10MHz	QPSK	20525	25RB#25	21.68	11.85	PASS
10MHz	QPSK	20525	50RB#0	21.78	11.95	PASS
10MHz	QPSK	20600	1RB#0	22.65	12.82	PASS
10MHz	QPSK	20600	1RB#24	22.62	12.79	PASS

10MHz	QPSK	20600	1RB#49	22.68	12.85	PASS
10MHz	QPSK	20600	25RB#0	21.78	11.95	PASS
10MHz	QPSK	20600	25RB#12	21.75	11.92	PASS
10MHz	QPSK	20600	25RB#25	21.62	11.79	PASS
10MHz	QPSK	20600	50RB#0	21.70	11.87	PASS
10MHz	16QAM	20450	1RB#0	21.75	11.92	PASS
10MHz	16QAM	20450	1RB#24	21.84	12.01	PASS
10MHz	16QAM	20450	1RB#49	21.71	11.88	PASS
10MHz	16QAM	20450	25RB#0	20.68	10.85	PASS
10MHz	16QAM	20450	25RB#12	20.67	10.84	PASS
10MHz	16QAM	20450	25RB#25	20.75	10.92	PASS
10MHz	16QAM	20450	50RB#0	20.69	10.86	PASS
10MHz	16QAM	20525	1RB#0	21.59	11.76	PASS
10MHz	16QAM	20525	1RB#24	21.63	11.80	PASS
10MHz	16QAM	20525	1RB#49	21.43	11.60	PASS
10MHz	16QAM	20525	25RB#0	20.79	10.96	PASS
10MHz	16QAM	20525	25RB#12	20.82	10.99	PASS
10MHz	16QAM	20525	25RB#25	20.75	10.92	PASS
10MHz	16QAM	20525	50RB#0	20.77	10.94	PASS
10MHz	16QAM	20600	1RB#0	21.49	11.66	PASS
10MHz	16QAM	20600	1RB#24	21.50	11.67	PASS
10MHz	16QAM	20600	1RB#49	21.42	11.59	PASS
10MHz	16QAM	20600	25RB#0	20.82	10.99	PASS
10MHz	16QAM	20600	25RB#12	20.84	11.01	PASS
10MHz	16QAM	20600	25RB#25	20.60	10.77	PASS
10MHz	16QAM	20600	50RB#0	20.69	10.86	PASS

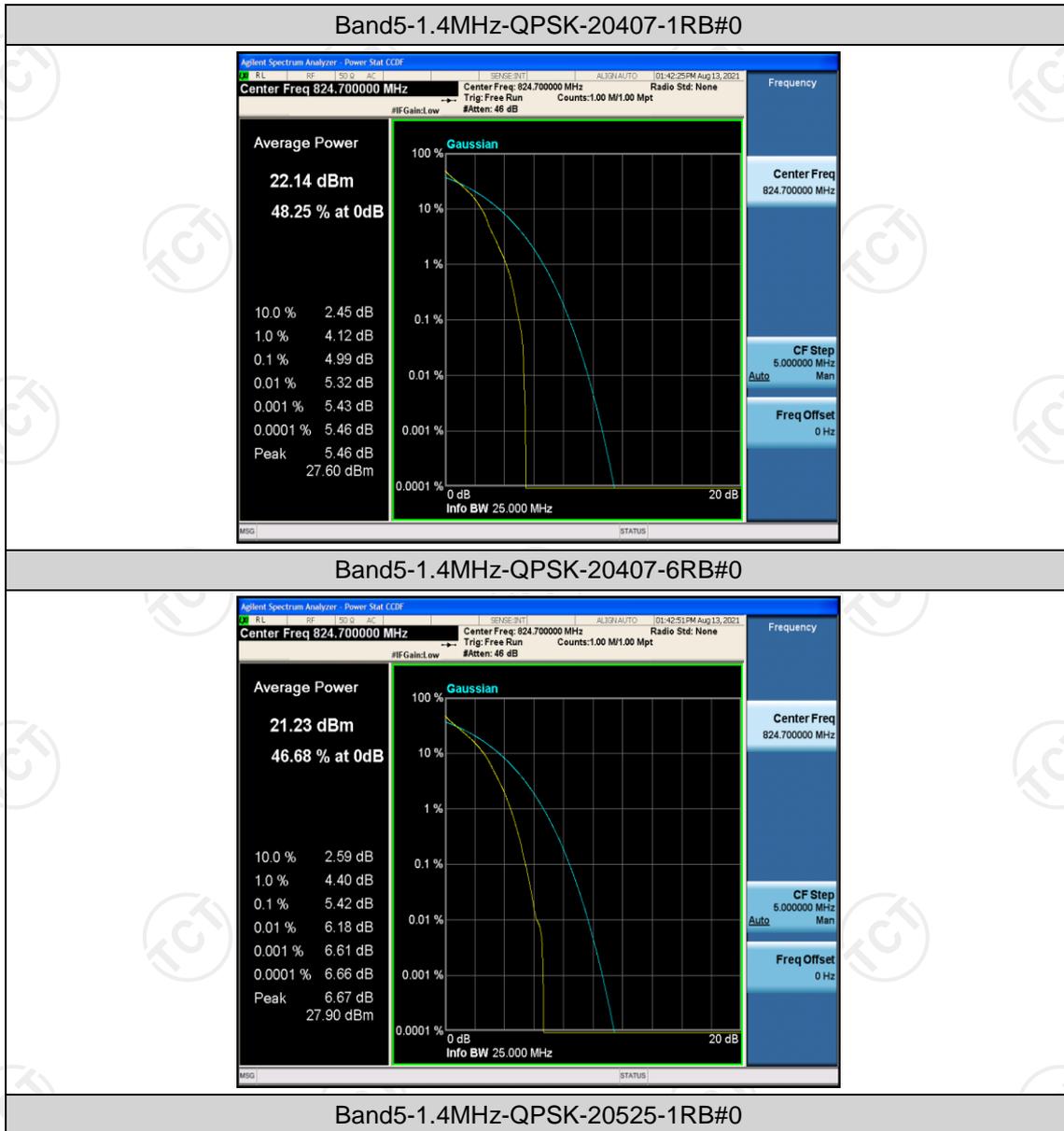
Appendix B: Peak-to-Average Ratio (CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.99	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.42	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.75	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.15	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.85	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.60	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.27	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.18	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.69	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.96	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.83	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.50	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.03	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.49	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.61	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.26	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.72	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.60	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.52	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.28	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.41	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.10	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	3.72	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.47	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.92	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.52	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.67	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.24	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	3.96	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.68	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.59	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.21	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.25	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.03	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.76	13	PASS

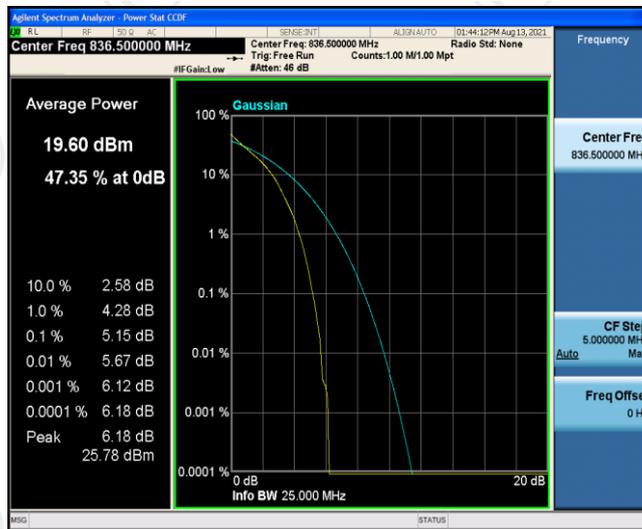
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Band5	10MHz	QPSK	20450	1RB#0	4.93	13	PASS
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Band5	10MHz	QPSK	20525	1RB#0	4.57	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.24	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.73	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.04	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.81	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.18	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.68	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.07	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.68	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.84	13	PASS

Test Graphs

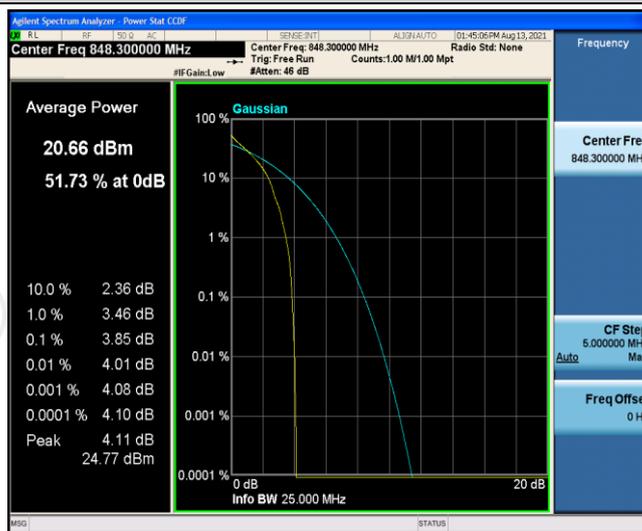




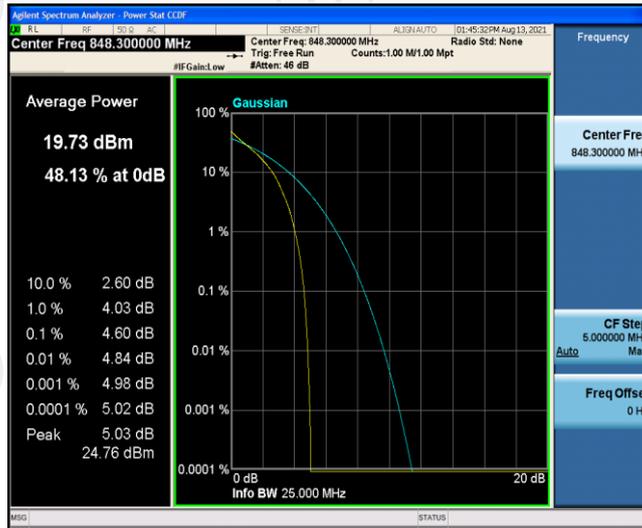
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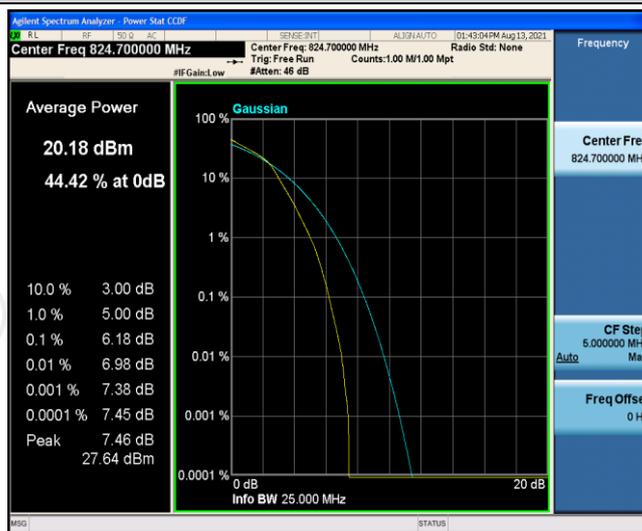
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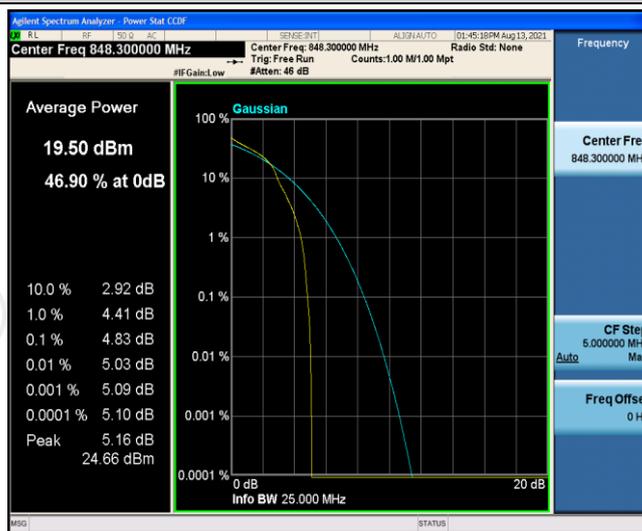
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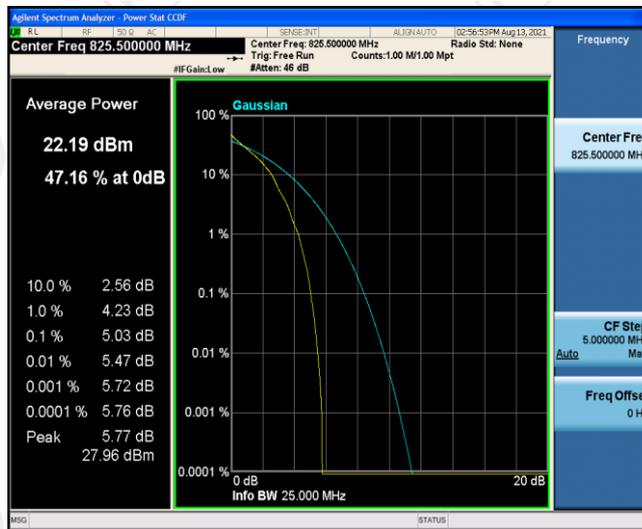
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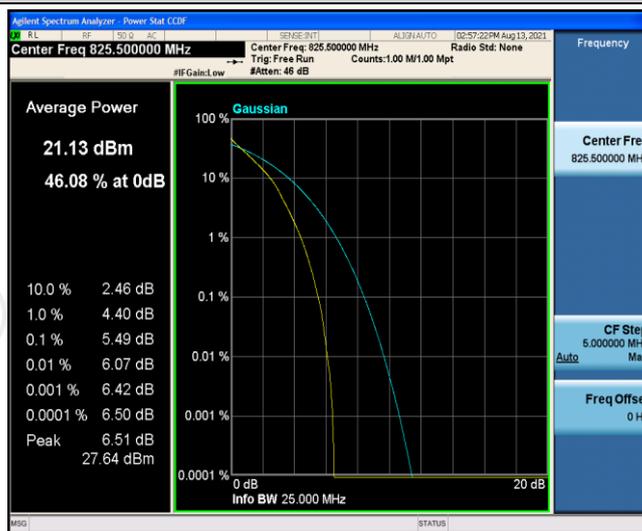
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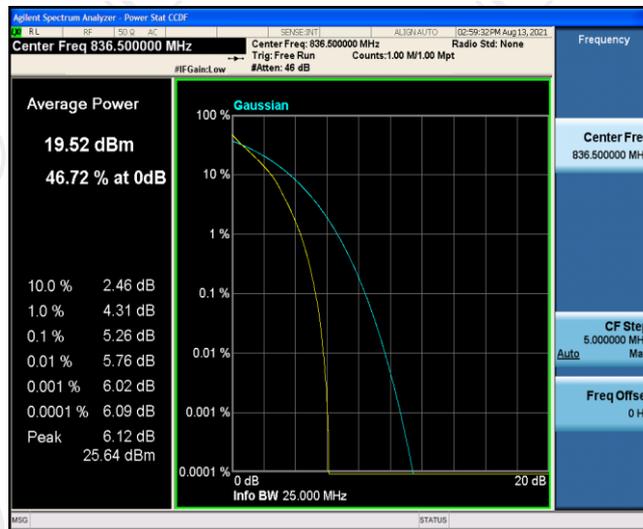
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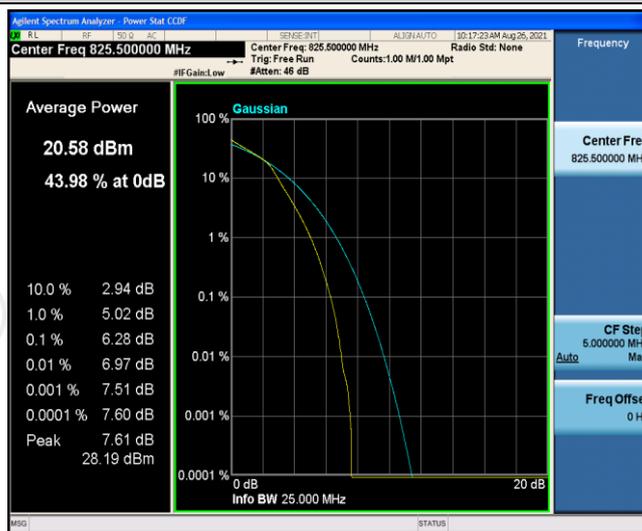
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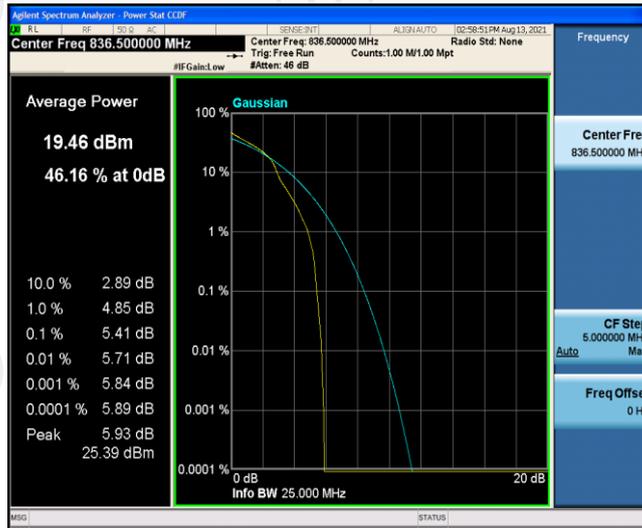
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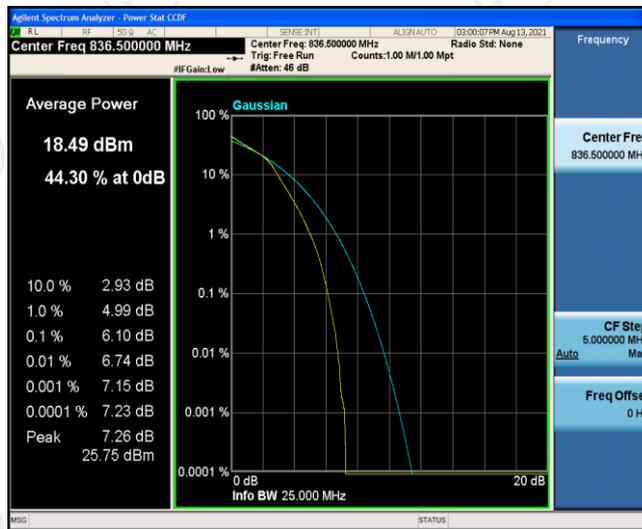
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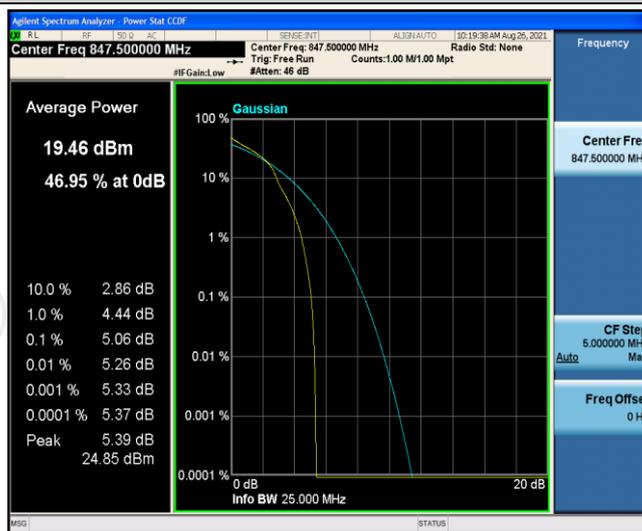
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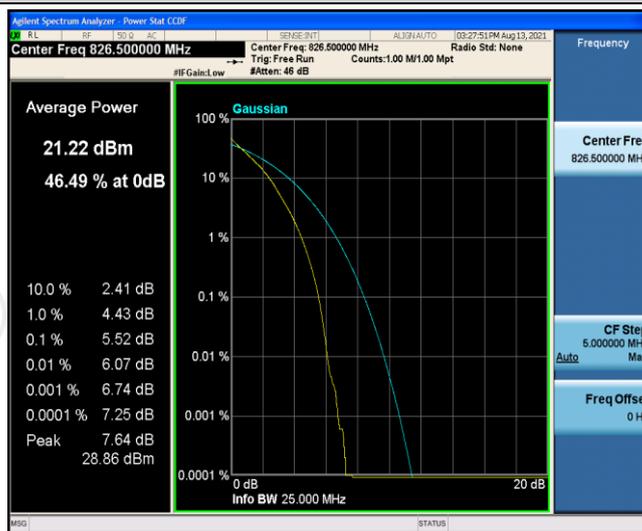
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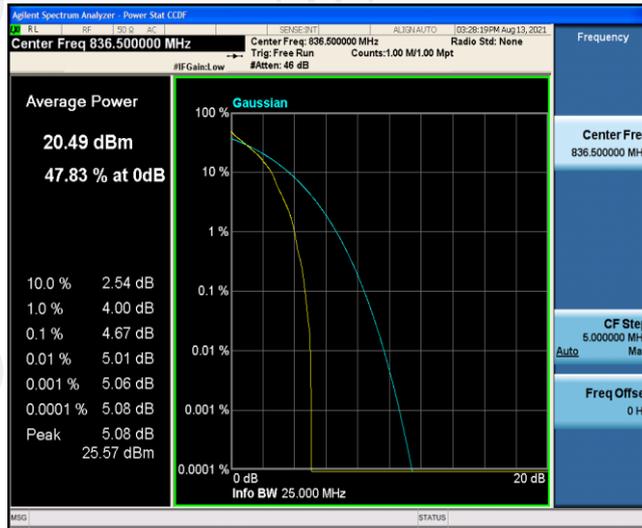
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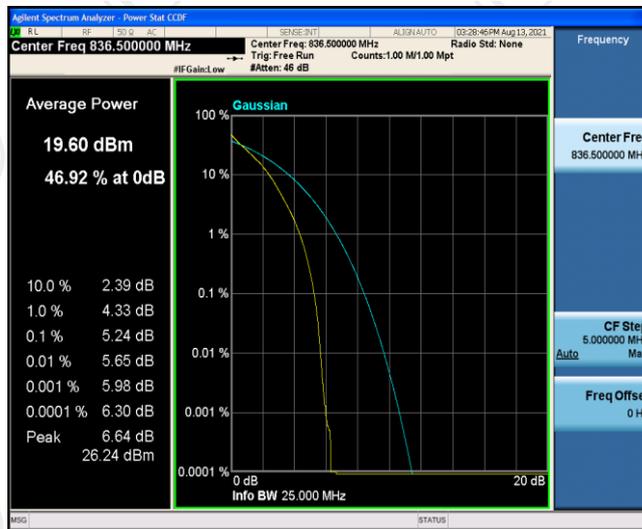
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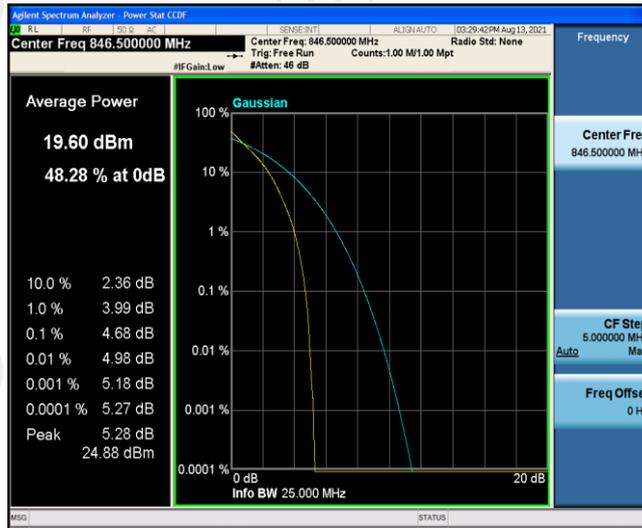
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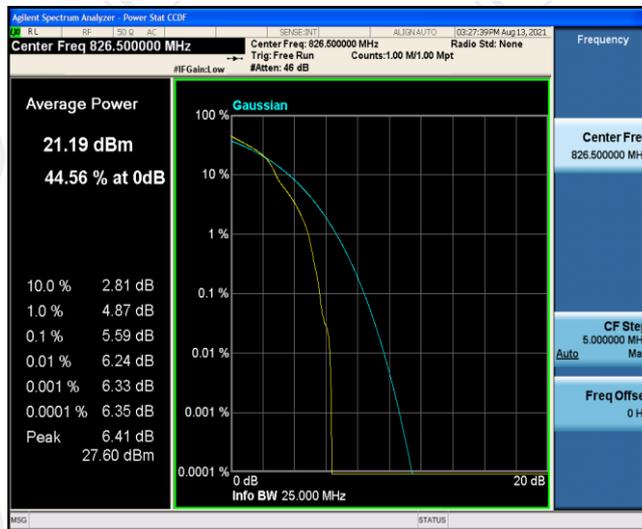
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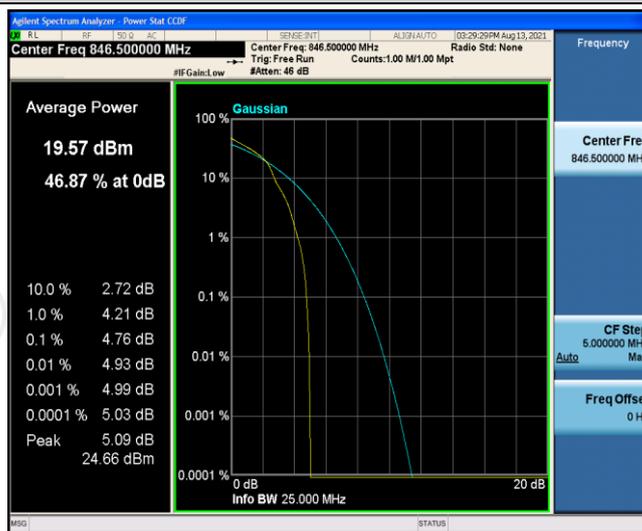
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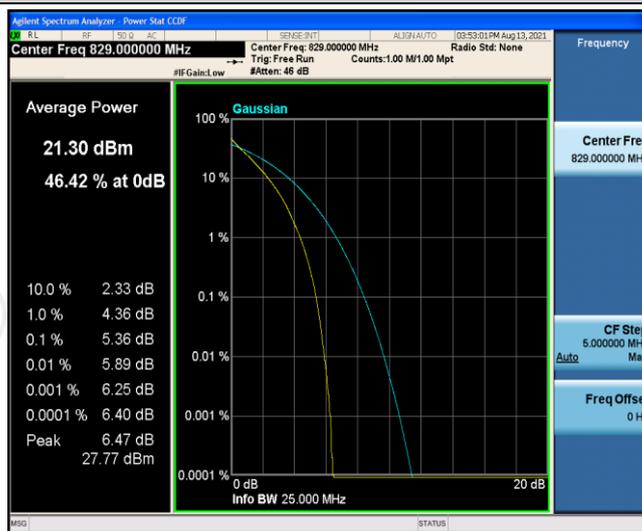
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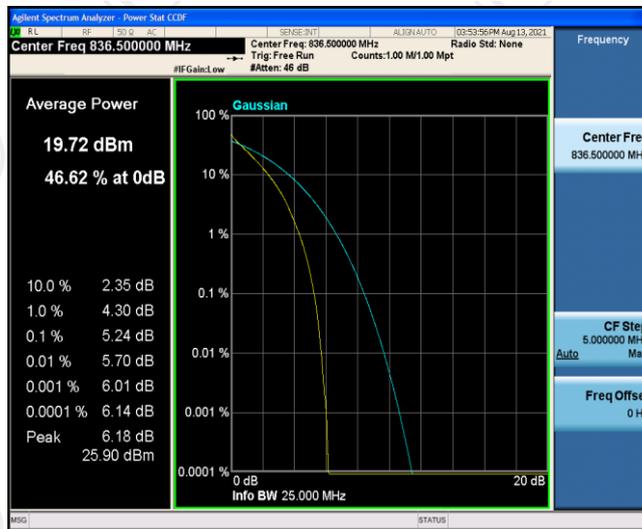
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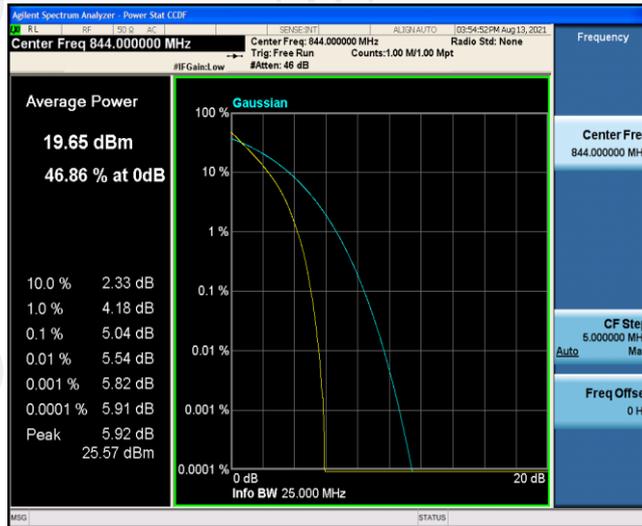
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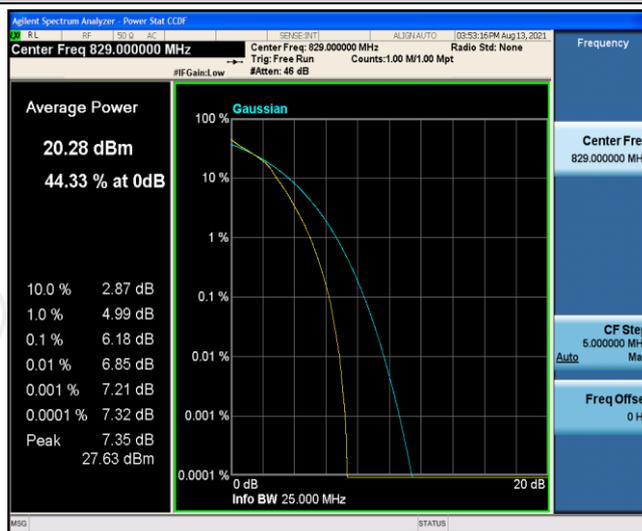
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