

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	22.61	21.10	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.64	21.13	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.51	21.00	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.63	21.12	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	21.59	20.08	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.52	21.01	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.53	21.02	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	21.93	20.42	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	21.84	20.33	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	21.90	20.39	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	21.92	20.41	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	21.90	20.39	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	21.93	20.42	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.96	20.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	21.82	20.31	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	21.86	20.35	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.86	20.35	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.57	21.06	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.55	21.04	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.49	20.98	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.12	20.61	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.04	21.53	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.03	21.52	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.04	20.53	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.42	20.91	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.38	20.87	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.36	20.85	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.79	20.28	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.41	20.90	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.32	20.81	PASS

Band5	1.4MHz	16QAM	20525	1RB#5	22.41	20.90	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.66	21.15	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.57	21.06	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.53	21.02	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	23.08	21.57	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.19	20.68	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.15	20.64	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.19	21.68	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.42	20.91	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.35	20.84	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.42	20.91	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.77	20.26	PASS
Band5	3MHz	QPSK	20415	1RB#0	21.69	20.18	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.51	21.00	PASS
Band5	3MHz	QPSK	20415	1RB#14	21.66	20.15	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.53	21.02	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.48	20.97	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.56	20.05	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.67	20.16	PASS
Band5	3MHz	QPSK	20525	1RB#0	21.72	20.21	PASS
Band5	3MHz	QPSK	20525	1RB#8	21.86	20.35	PASS
Band5	3MHz	QPSK	20525	1RB#14	21.90	20.39	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.07	20.56	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.06	20.55	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.88	20.37	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.98	20.47	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.38	20.87	PASS
Band5	3MHz	QPSK	20635	1RB#8	21.56	20.05	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.62	20.11	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.72	20.21	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.81	20.30	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.87	20.36	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.91	20.40	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.70	20.19	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.19	20.68	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.02	20.51	PASS

Band5	3MHz	16QAM	20415	8RB#0	22.64	21.13	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.61	20.10	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.76	20.25	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.35	20.84	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.90	20.39	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.01	20.50	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.40	20.89	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.02	20.51	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.08	20.57	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.05	20.54	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.07	20.56	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.58	21.07	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.69	20.18	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.19	20.68	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.74	20.23	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.70	20.19	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.83	20.32	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.60	21.09	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.40	20.89	PASS
Band5	5MHz	QPSK	20425	1RB#12	21.96	20.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	21.73	20.22	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.70	20.19	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.65	20.14	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.65	20.14	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.70	20.19	PASS
Band5	5MHz	QPSK	20525	1RB#0	21.79	20.28	PASS
Band5	5MHz	QPSK	20525	1RB#12	21.70	20.19	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.32	20.81	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.02	20.51	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.09	20.58	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.99	20.48	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.89	20.38	PASS
Band5	5MHz	QPSK	20625	1RB#0	21.76	20.25	PASS
Band5	5MHz	QPSK	20625	1RB#12	21.82	20.31	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.07	20.56	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.47	20.96	PASS

Band5	5MHz	QPSK	20625	12RB#6	21.89	20.38	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.56	21.05	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.78	20.27	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.40	20.89	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.71	20.20	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.71	20.20	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.63	21.12	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.65	20.14	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.75	20.24	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.66	20.15	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.13	20.62	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.49	20.98	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.22	20.71	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.80	20.29	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.77	20.26	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.91	20.40	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.92	20.41	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.77	20.26	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.79	20.28	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.10	20.59	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.84	20.33	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.05	20.54	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.71	20.20	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.57	21.06	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.22	20.71	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.43	20.92	PASS
Band5	10MHz	QPSK	20450	1RB#49	21.77	20.26	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.61	21.10	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.64	21.13	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.10	20.59	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.75	20.24	PASS
Band5	10MHz	QPSK	20525	1RB#0	21.69	20.18	PASS
Band5	10MHz	QPSK	20525	1RB#24	21.86	20.35	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.05	20.54	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.03	20.52	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.78	20.27	PASS

Band5	10MHz	QPSK	20525	25RB#25	22.05	20.54	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.95	20.44	PASS
Band5	10MHz	QPSK	20600	1RB#0	21.71	20.20	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.26	20.75	PASS
Band5	10MHz	QPSK	20600	1RB#49	21.81	20.30	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.24	20.73	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.18	20.67	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.88	20.37	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.58	20.07	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.38	20.87	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.24	20.73	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.60	20.09	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.74	20.23	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.84	20.33	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.96	20.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.72	20.21	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.49	20.98	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.54	20.03	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.72	20.21	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.82	20.31	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.38	20.87	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.92	20.41	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.70	20.19	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.50	20.99	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.08	20.57	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.64	20.13	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.35	19.84	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.43	20.92	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.72	20.21	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.48	19.97	PASS

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

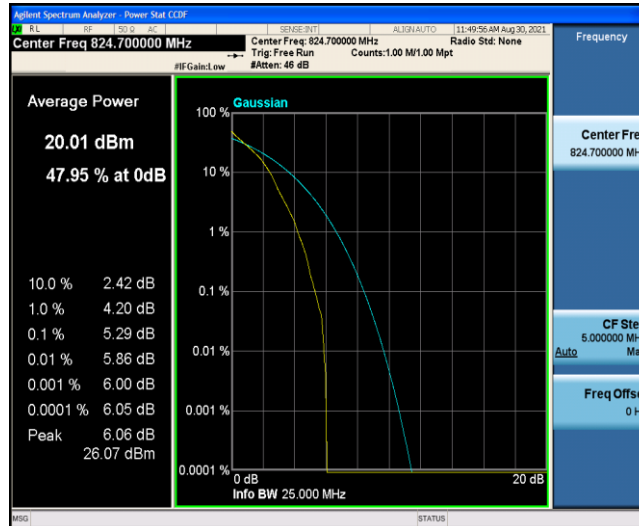
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.29	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.25	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.09	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.78	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.32	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.95	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.05	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.97	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.25	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.36	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.88	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.21	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.36	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.14	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.64	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.63	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	5.39	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.12	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	6.13	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.93	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	6.22	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.38	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.88	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	4.64	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.30	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.19	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.67	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.64	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.13	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.55	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	4.61	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.88	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	6.19	13	PASS

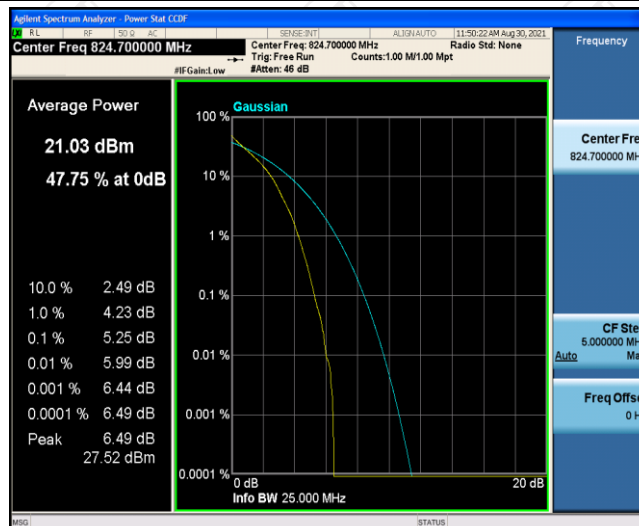
Band5	5MHz	16QAM	20525	25RB#0	6.32	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.39	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.58	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.87	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	4.88	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.29	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.70	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.58	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.41	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.38	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.62	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	6.15	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.48	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	6.76	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.23	13	PASS

Test Graphs

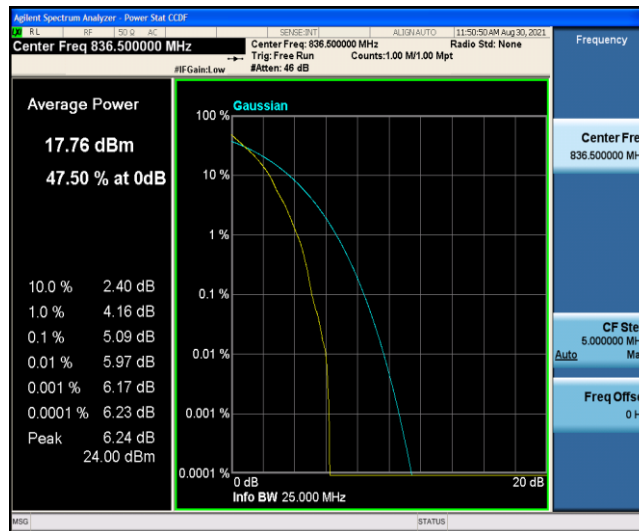
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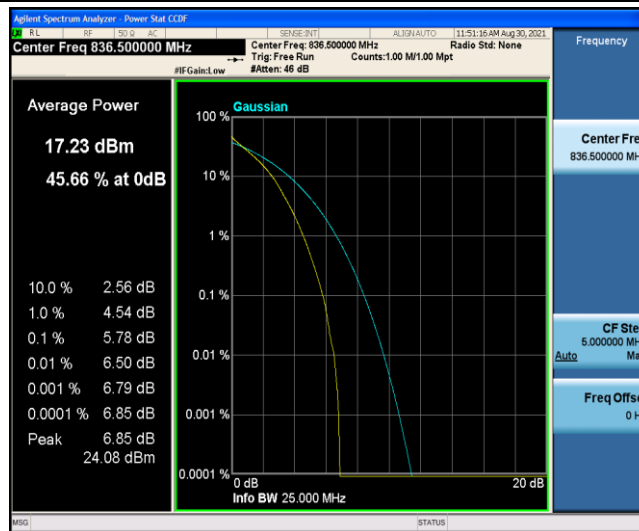
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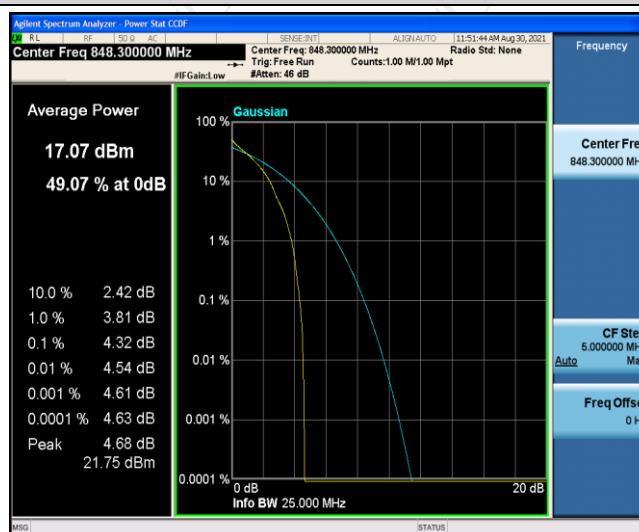
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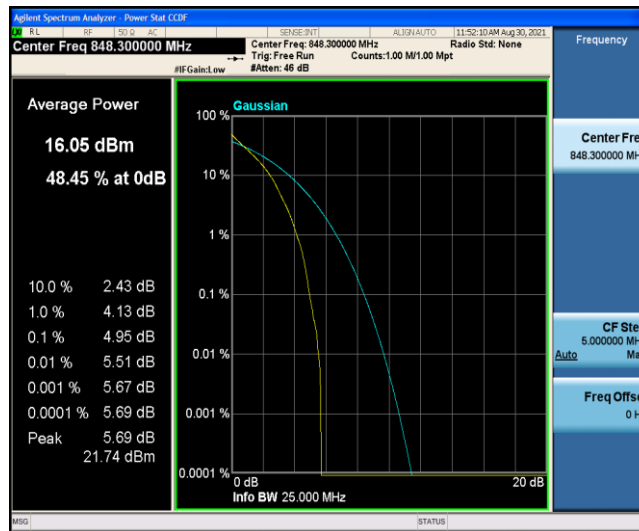
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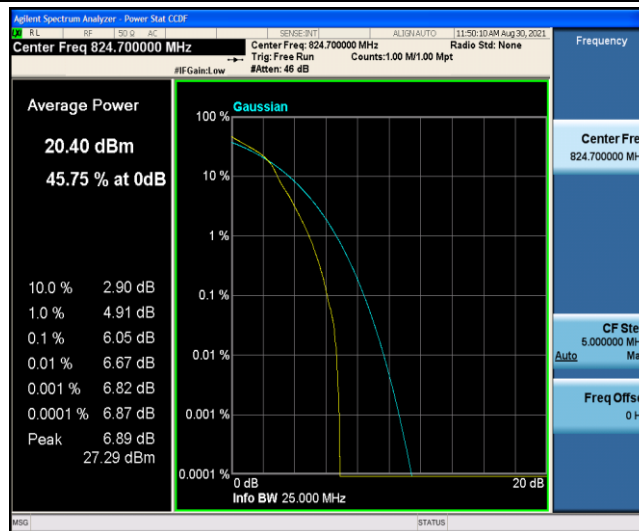
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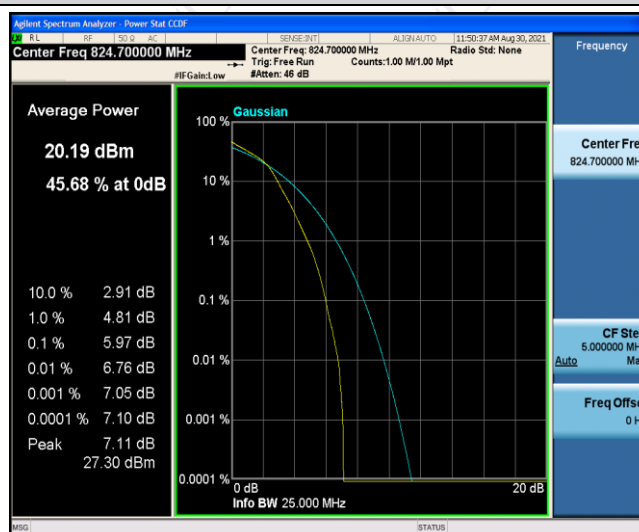
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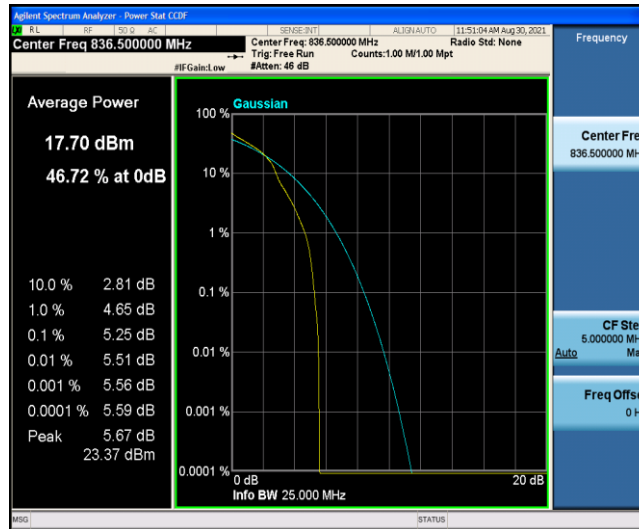
Band5-1.4MHz-16QAM-20407-1RB#0



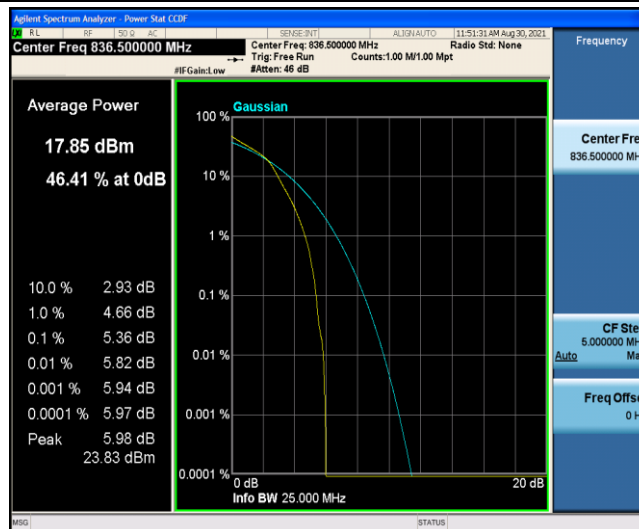
Band5-1.4MHz-16QAM-20407-6RB#0



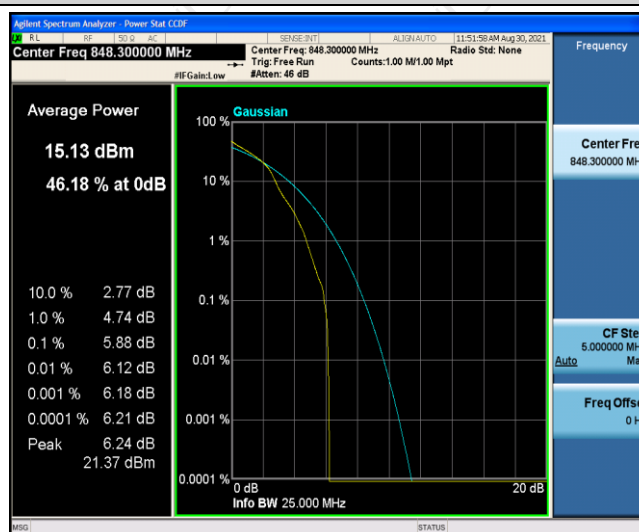
Band5-1.4MHz-16QAM-20525-1RB#0



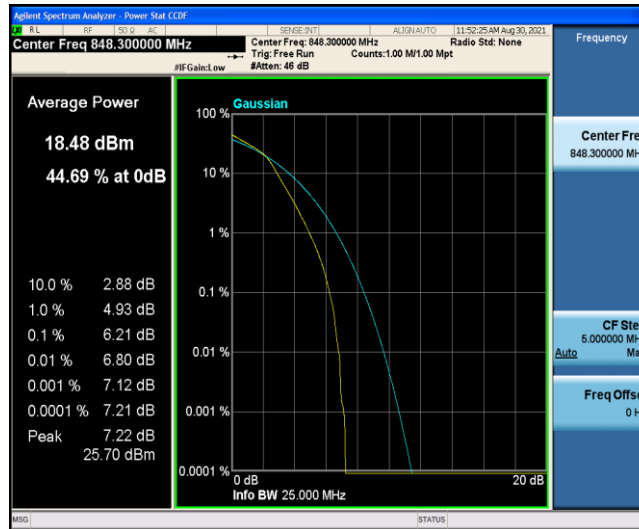
Band5-1.4MHz-16QAM-20525-6RB#0



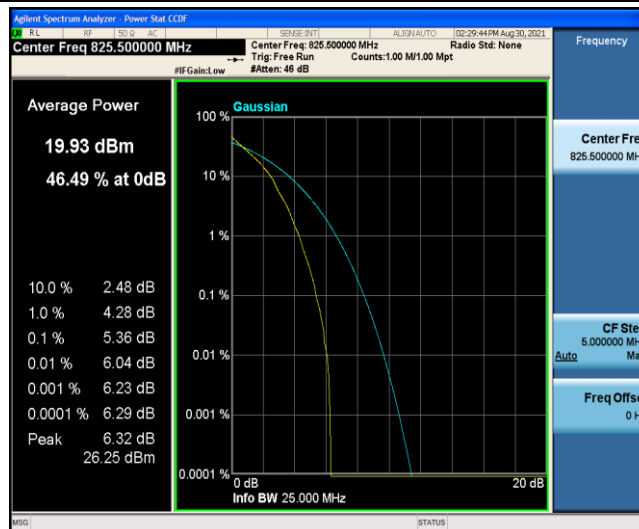
Band5-1.4MHz-16QAM-20643-1RB#0



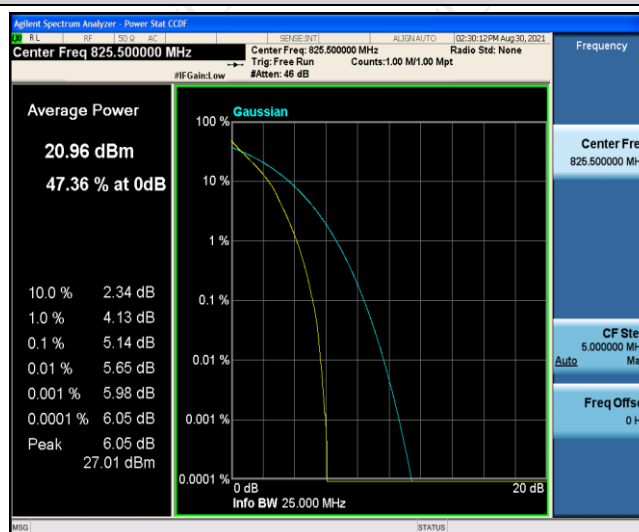
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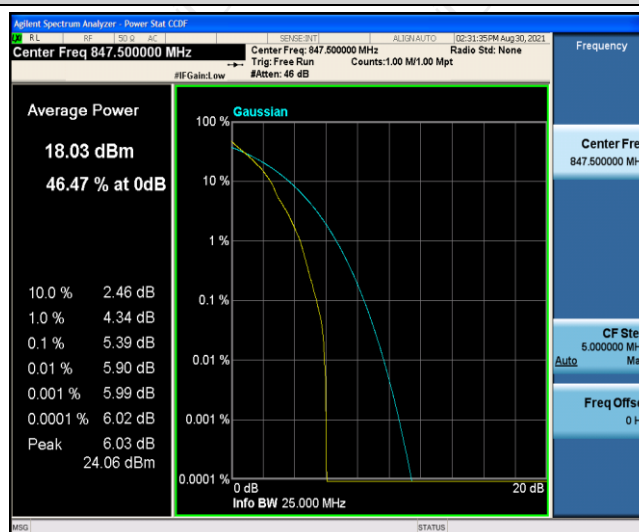
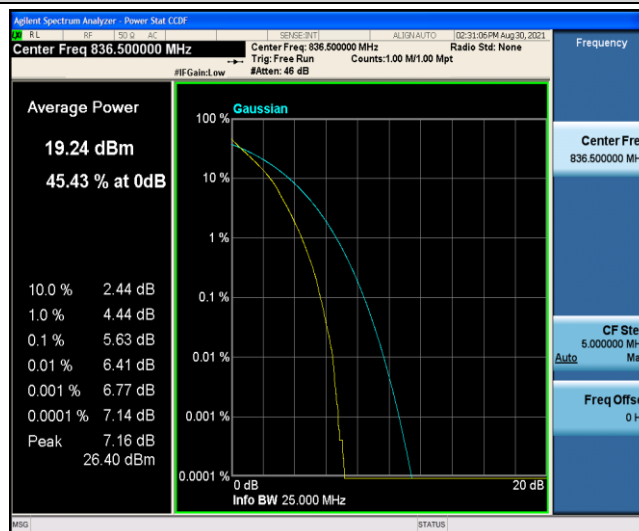
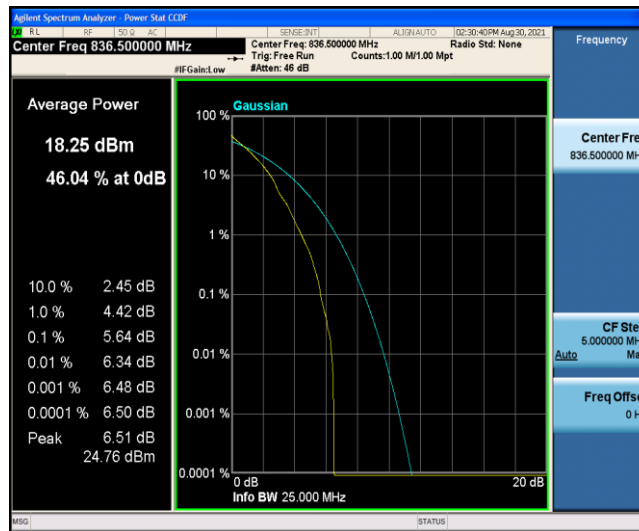
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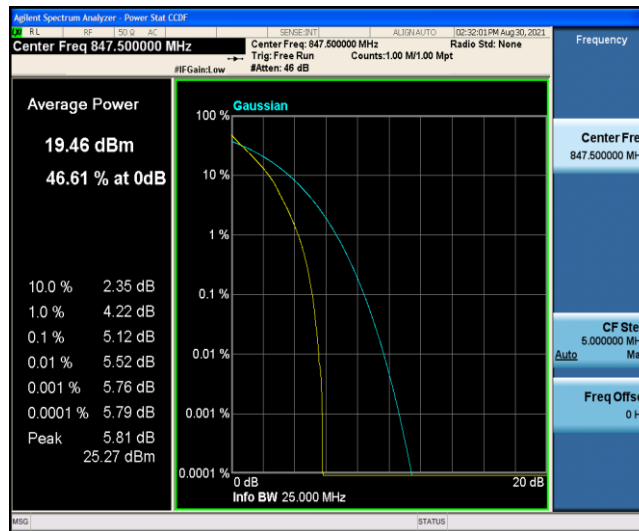


Band5-3MHz-QPSK-20415-15RB#0

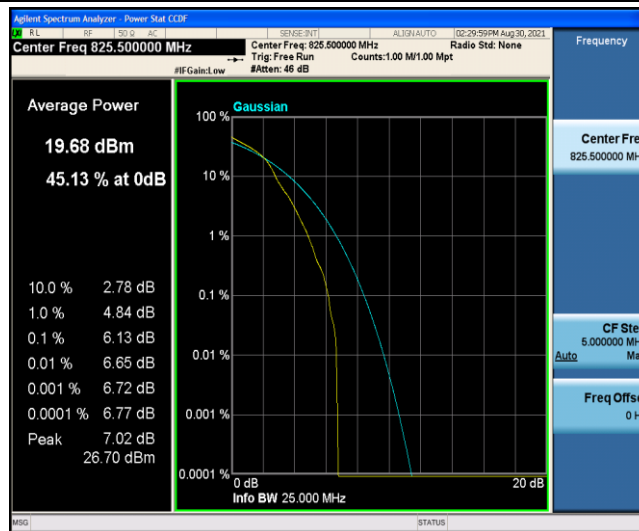


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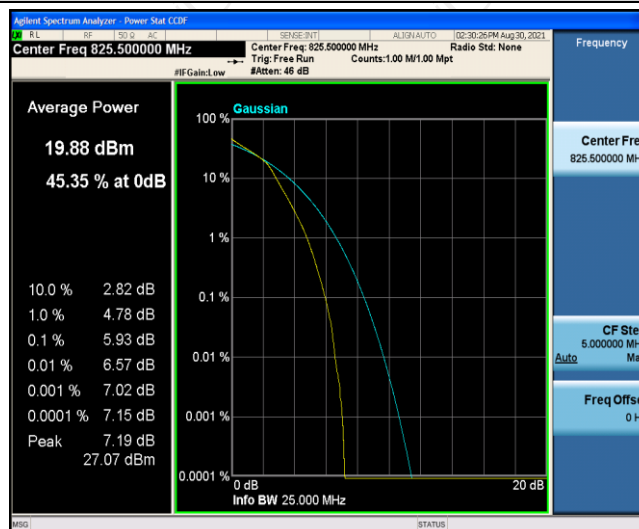




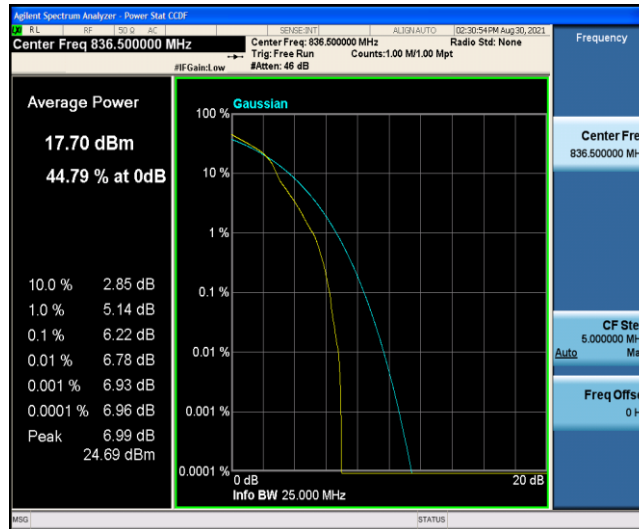
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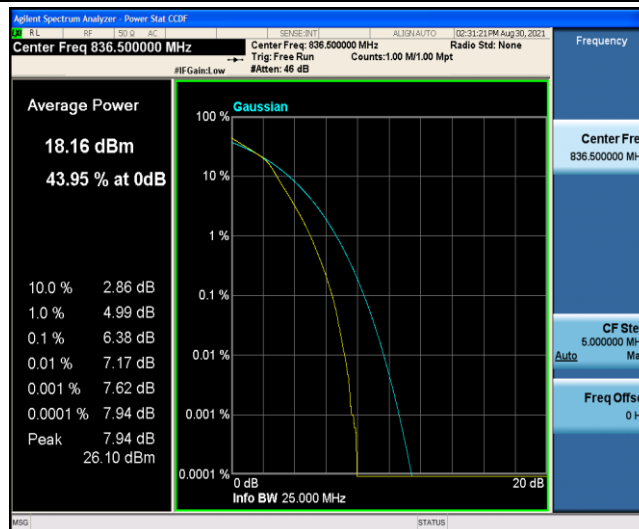
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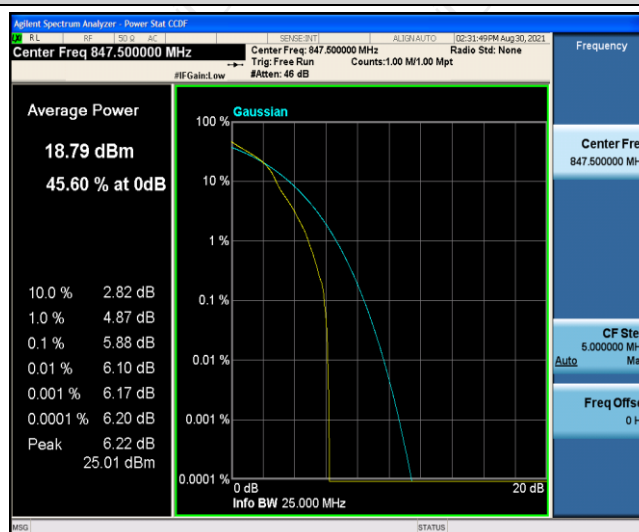
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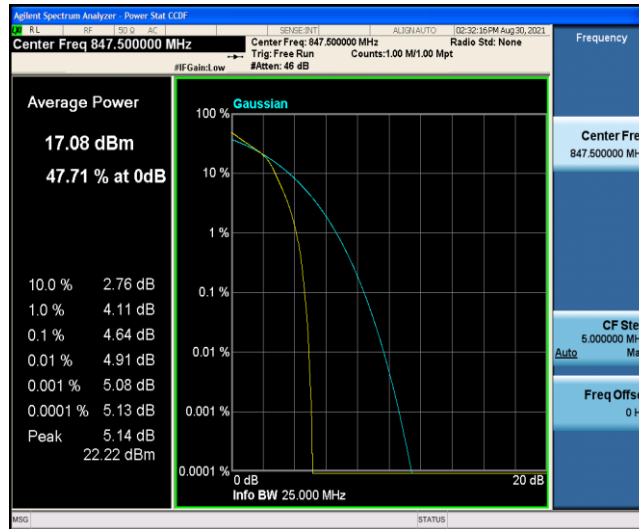
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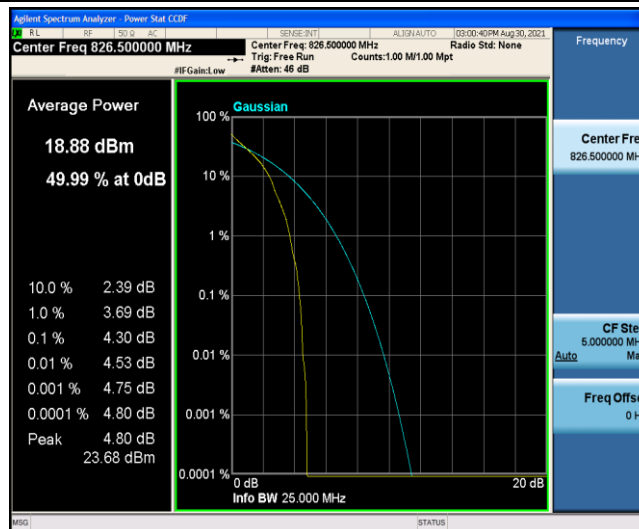
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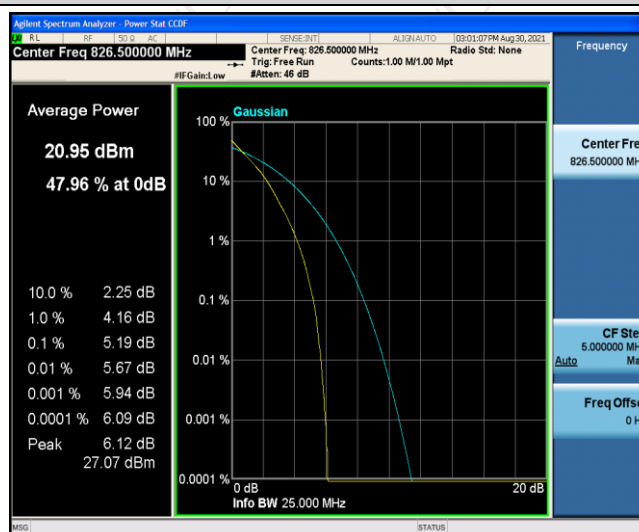
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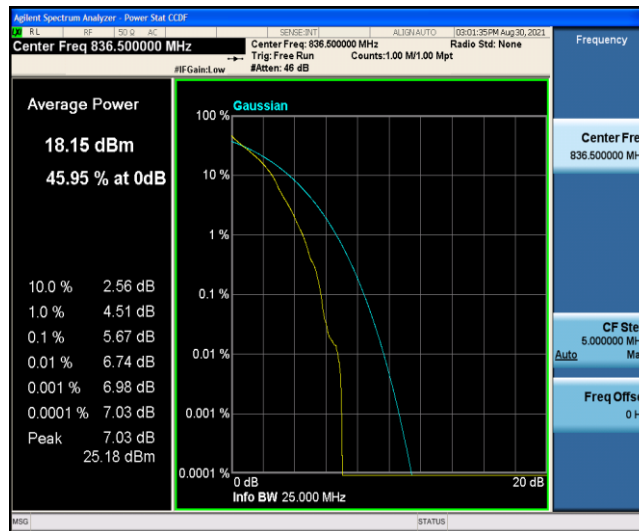
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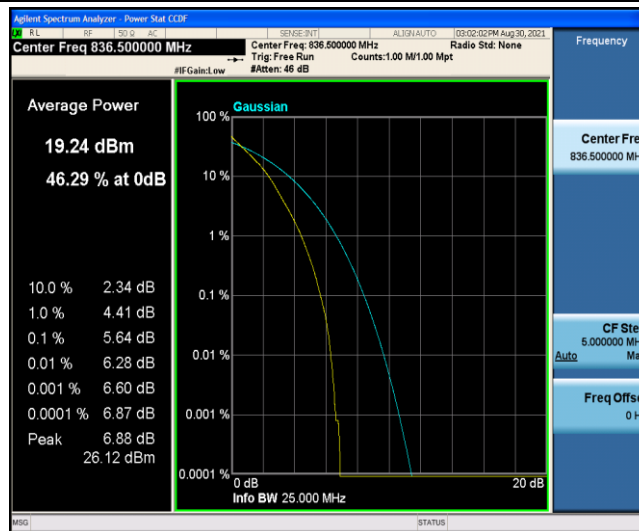
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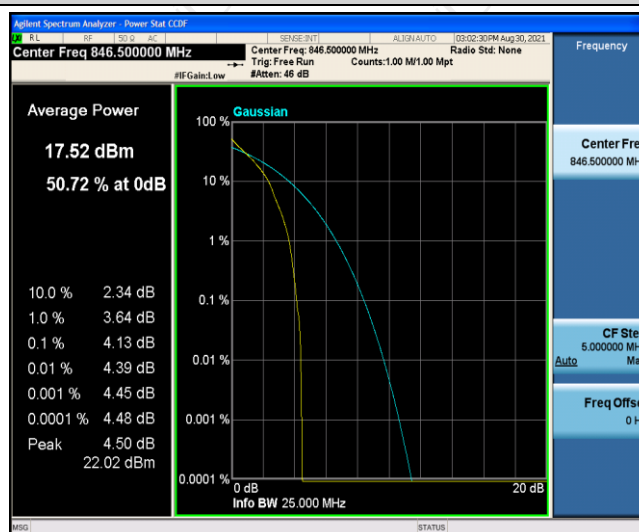
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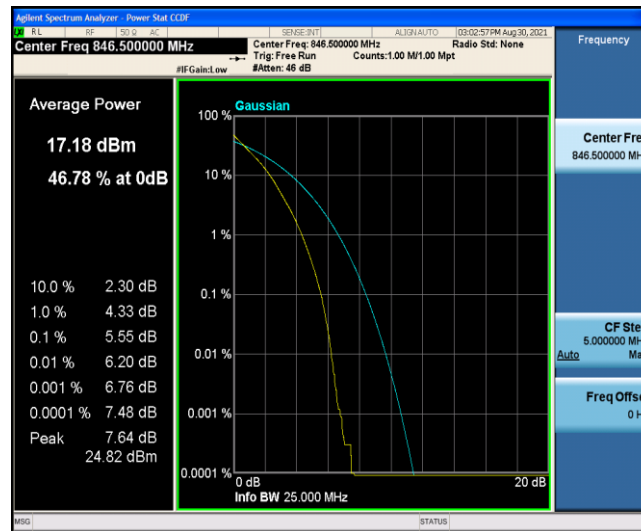
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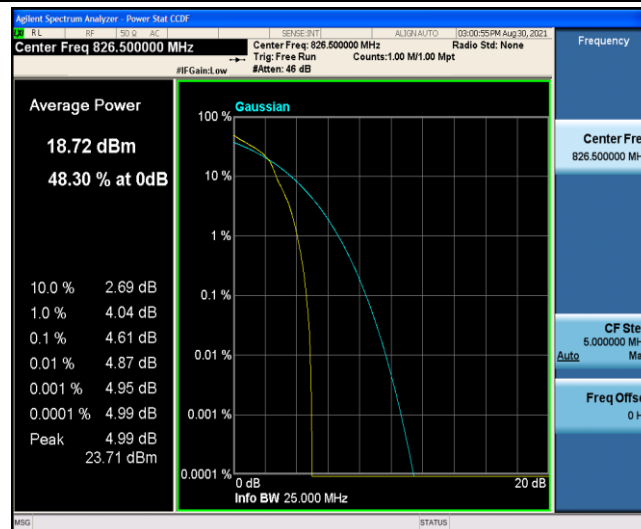
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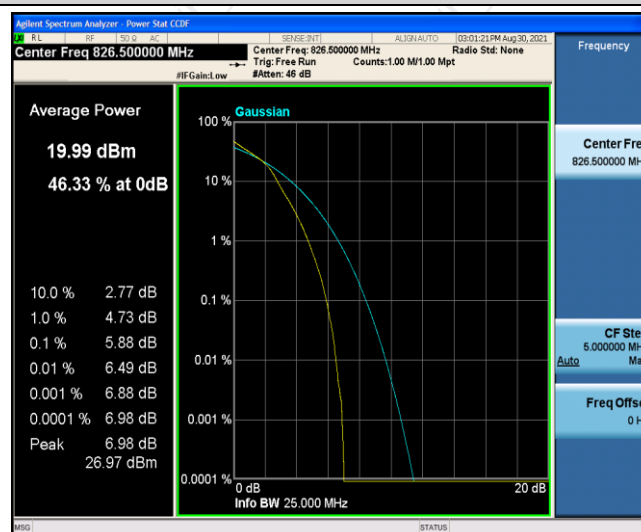
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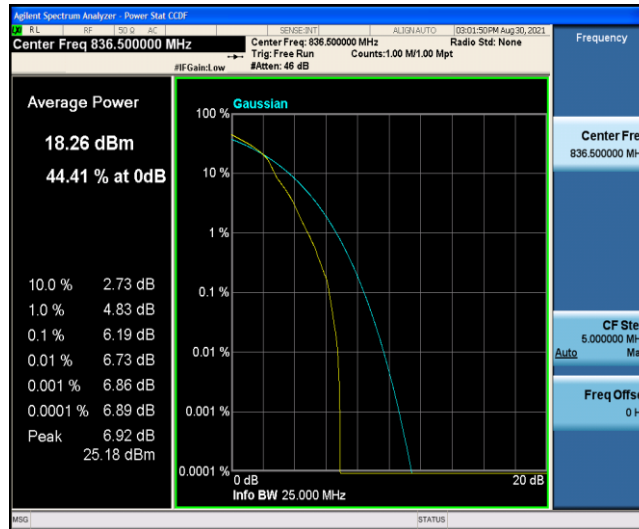
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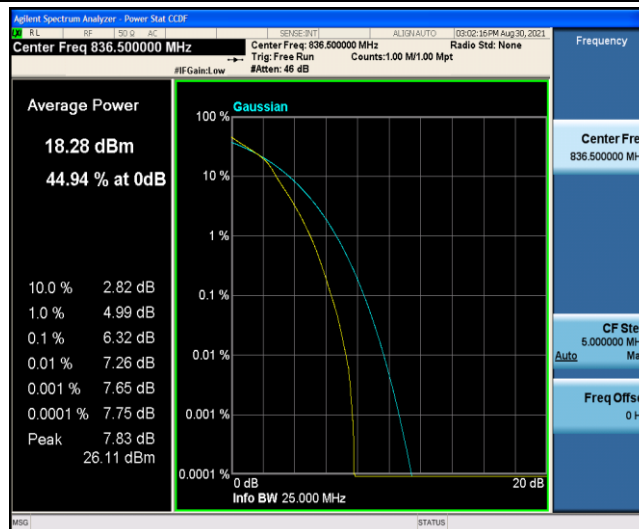
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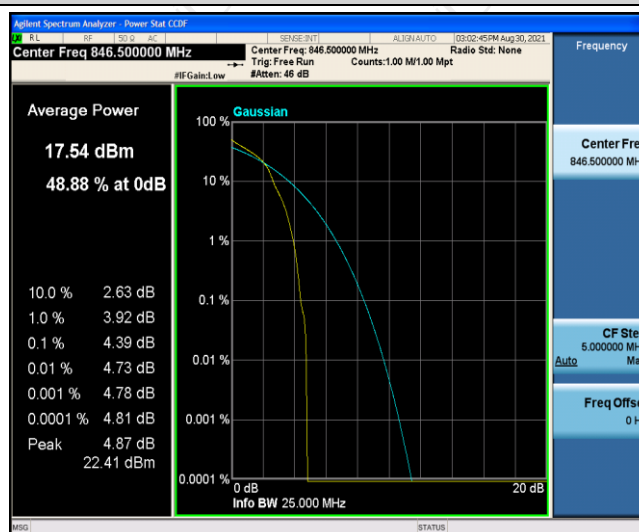
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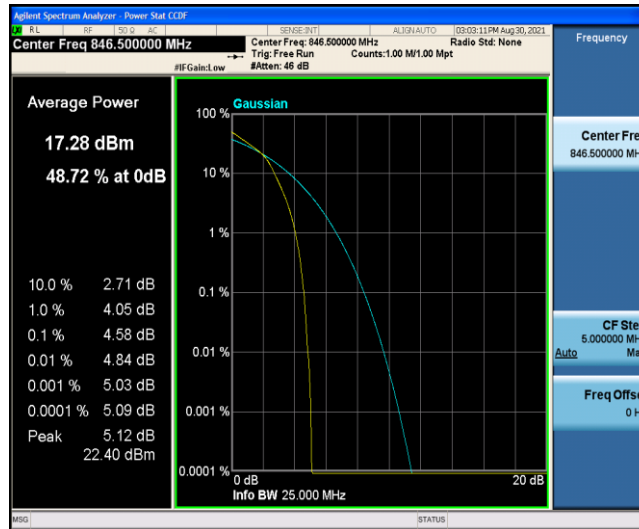
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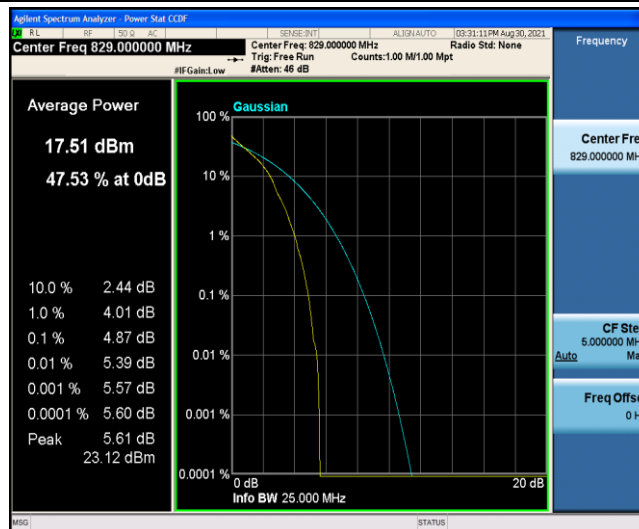
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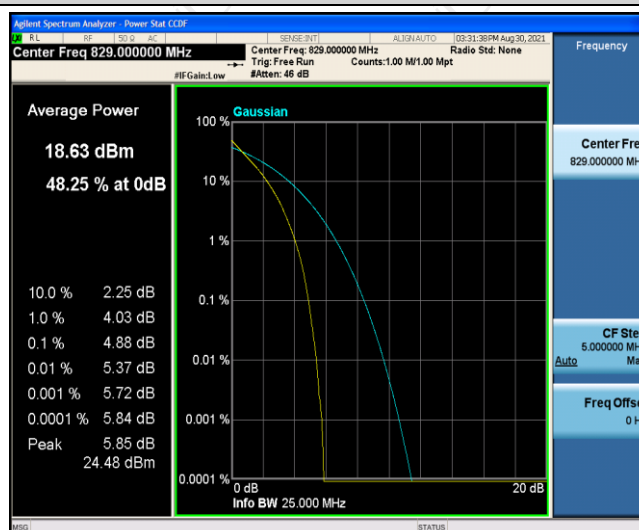
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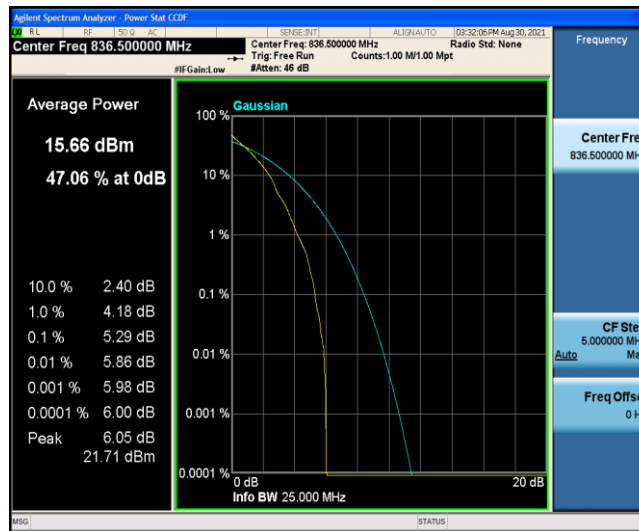
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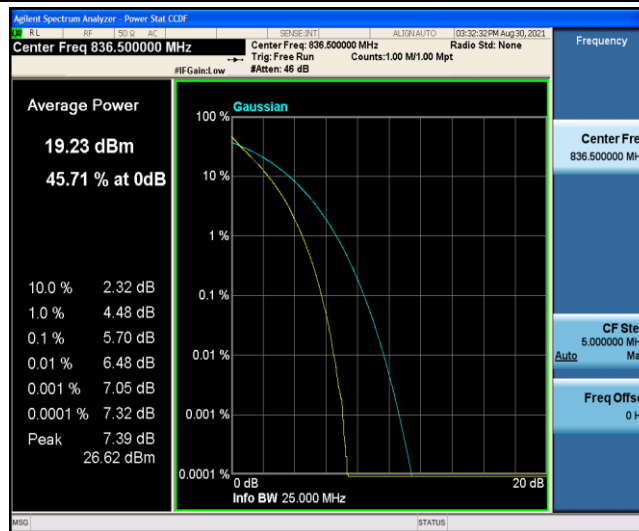
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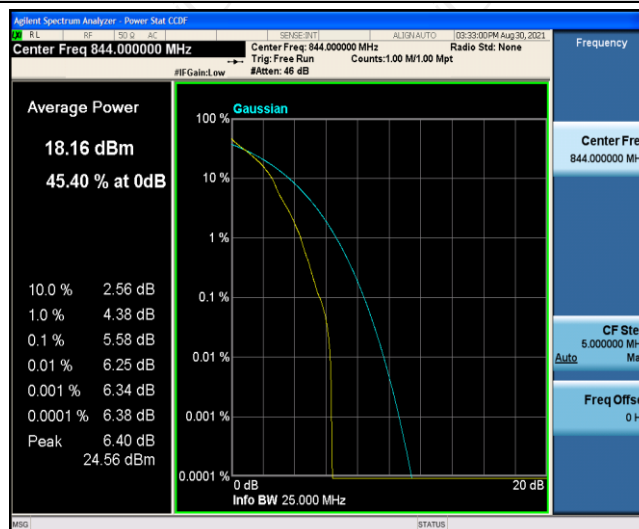
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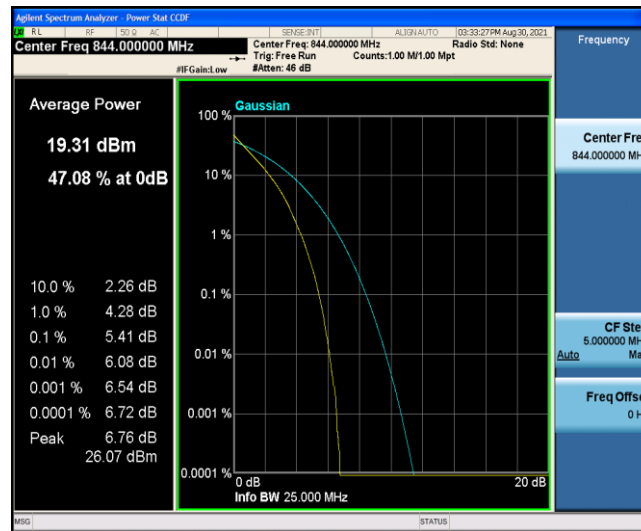
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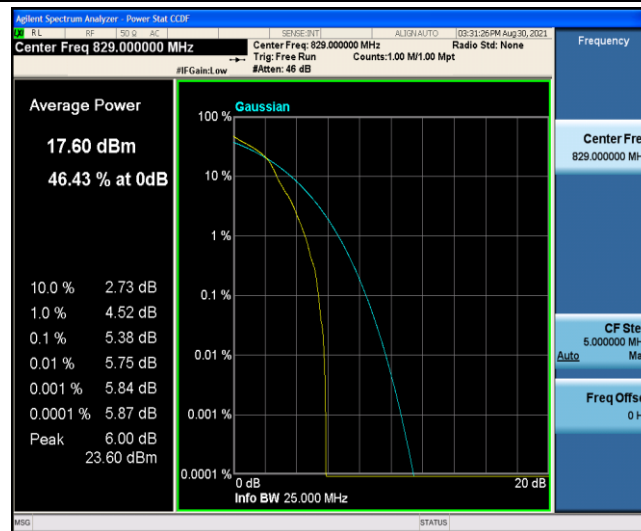
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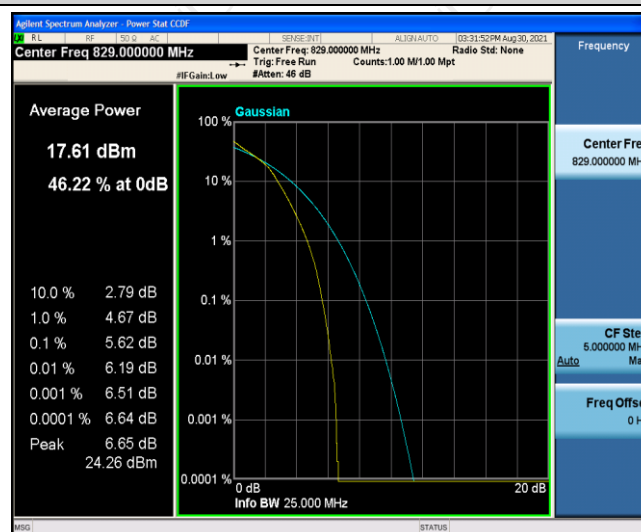
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Band5-10MHz-16QAM-20450-1RB#0



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



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