

Appendix for Band 5

Product Name: Smart Phone

Model No: F92e 5G

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	21.26	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	21.37	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	21.69	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	21.74	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	21.62	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	21.53	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.97	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.99	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.01	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.01	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.02	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.03	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.24	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.27	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.61	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.48	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.47	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.62	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.59	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.52	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.83	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.39	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.62	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.37	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.49	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.52	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.80	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.78	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.09	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.09	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.12	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	22.11	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.09	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.05	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.27	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.75	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.66	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.52	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.72	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.67	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.54	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.84	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.81	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.86	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.78	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.01	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.98	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.97	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.94	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.03	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.08	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.13	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.24	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.26	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.30	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.28	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.91	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.73	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.55	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.02	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.99	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.83	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.93	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.07	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.05	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.10	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.01	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.98	PASS

Band5	3MHz	16QAM	20415	8RB#7	21.00	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.95	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.20	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.18	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.22	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.20	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.24	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.27	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.20	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.15	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.03	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.87	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.03	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.04	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.85	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.94	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.99	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.94	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.00	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.03	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.03	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.05	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.01	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.10	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.14	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.22	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.30	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.30	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.28	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.32	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.22	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.94	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.72	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.22	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.20	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.93	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.07	PASS

Band5	5MHz	16QAM	20425	1RB#0	21.94	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.95	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.02	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.99	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.01	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.97	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.02	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.33	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.39	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.52	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.32	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.35	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.31	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.25	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.29	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.01	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.80	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.18	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.18	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.87	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.07	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.83	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.00	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.05	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.02	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.00	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.05	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.05	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.99	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.16	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.15	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.24	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.26	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.22	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.29	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.28	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.16	PASS

Band5	10MHz	QPSK	20600	1RB#49	22.69	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.36	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.34	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.99	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.25	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.08	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.11	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.26	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.97	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.98	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.01	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.01	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.10	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.23	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.29	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.27	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.27	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.27	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.22	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.52	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.35	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.91	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.32	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.32	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.99	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.18	PASS

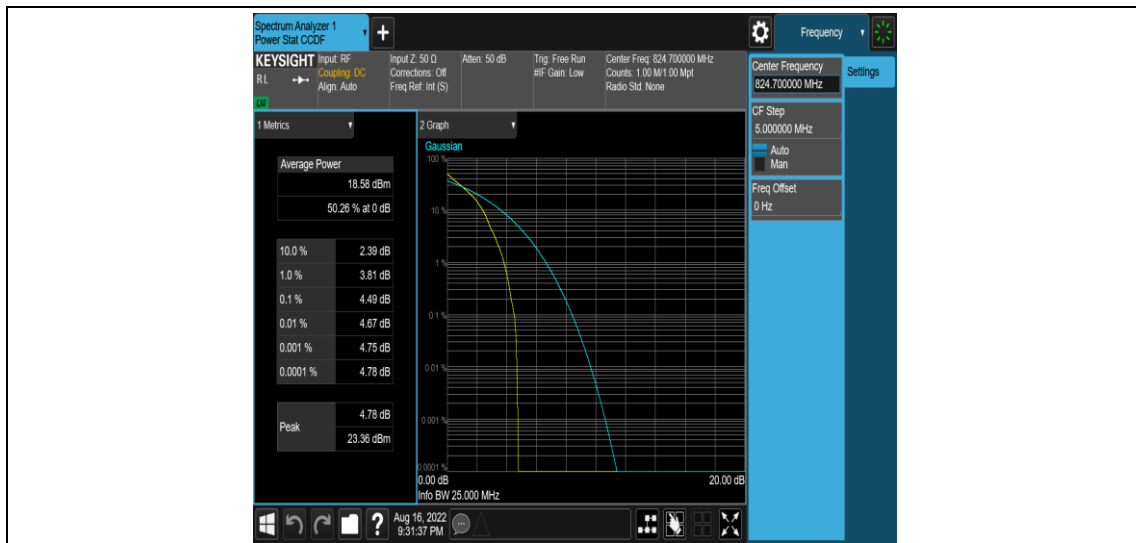
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.49	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	4.92	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.63	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.94	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.62	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.00	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.39	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.73	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.54	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.80	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.32	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.83	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.31	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.96	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.55	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.04	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.58	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.12	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.09	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.79	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.41	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.76	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.34	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.89	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.38	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.98	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.68	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.06	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.59	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.12	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.12	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.75	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.35	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.82	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.23	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.89	13	PASS

Band5	10MHz	QPSK	20450	1RB#0	4.45	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.04	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.72	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.97	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.23	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.06	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.21	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.84	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.51	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.81	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.00	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.90	13	PASS

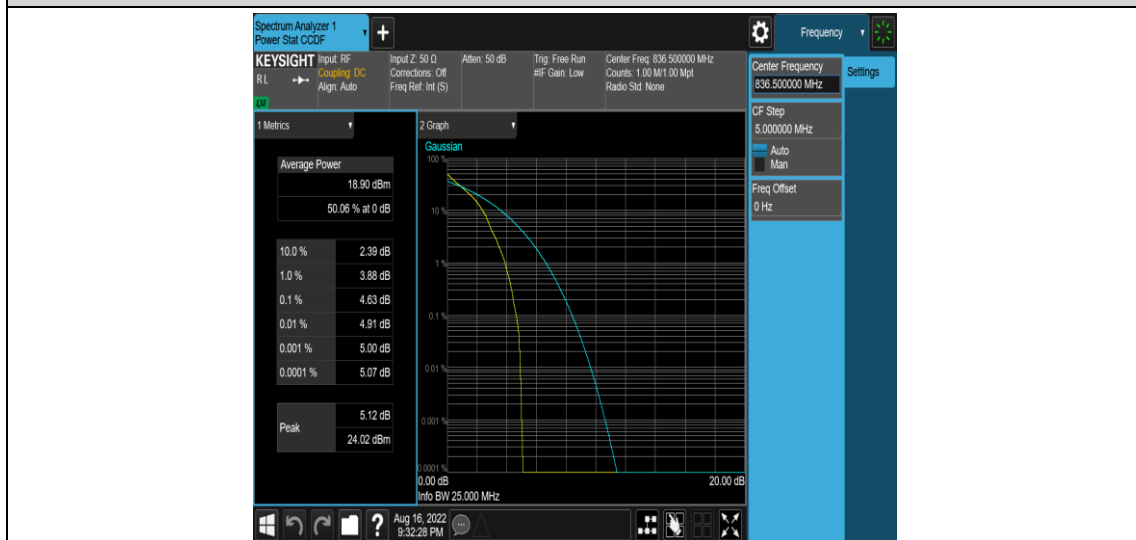
Test Graphs

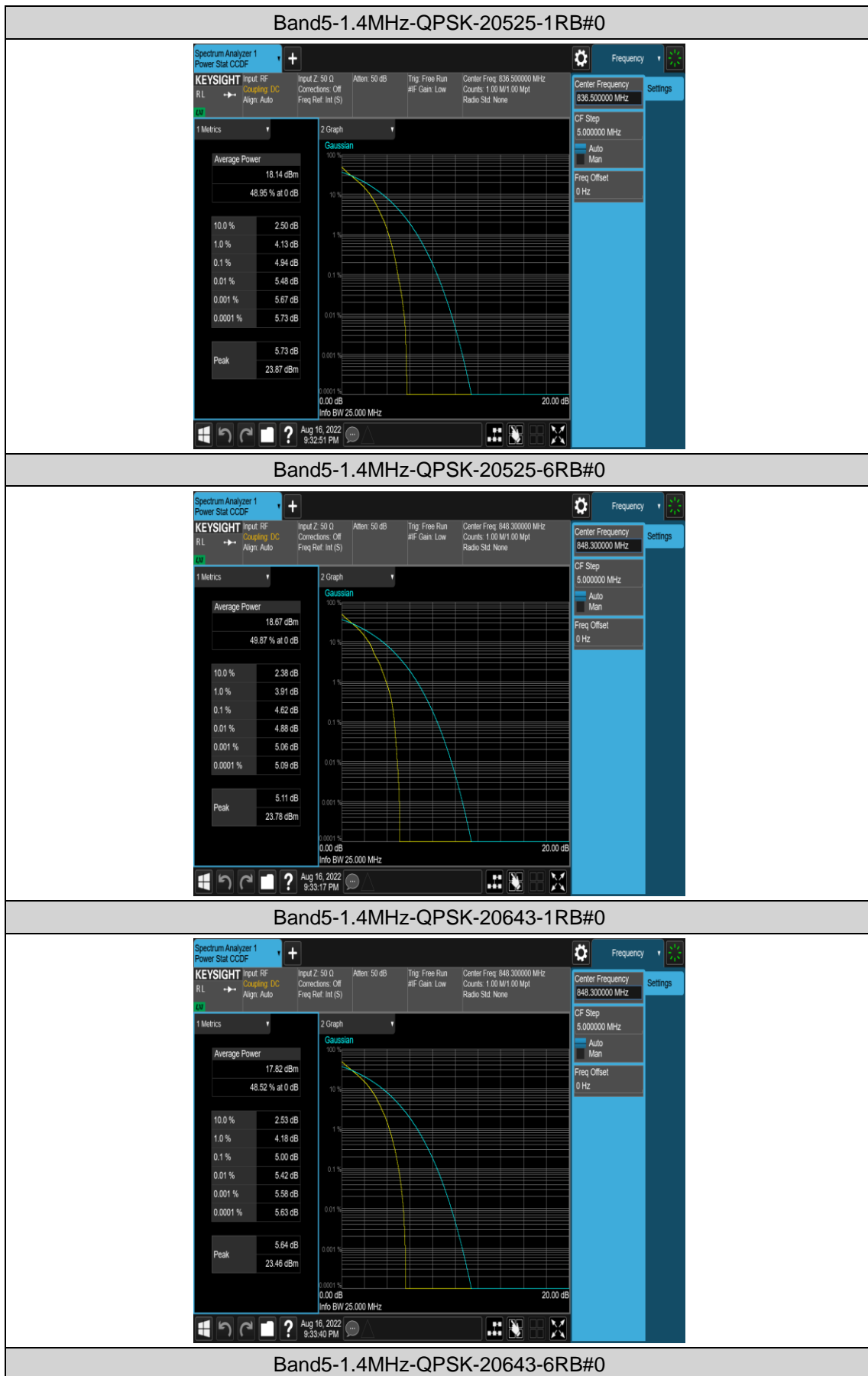


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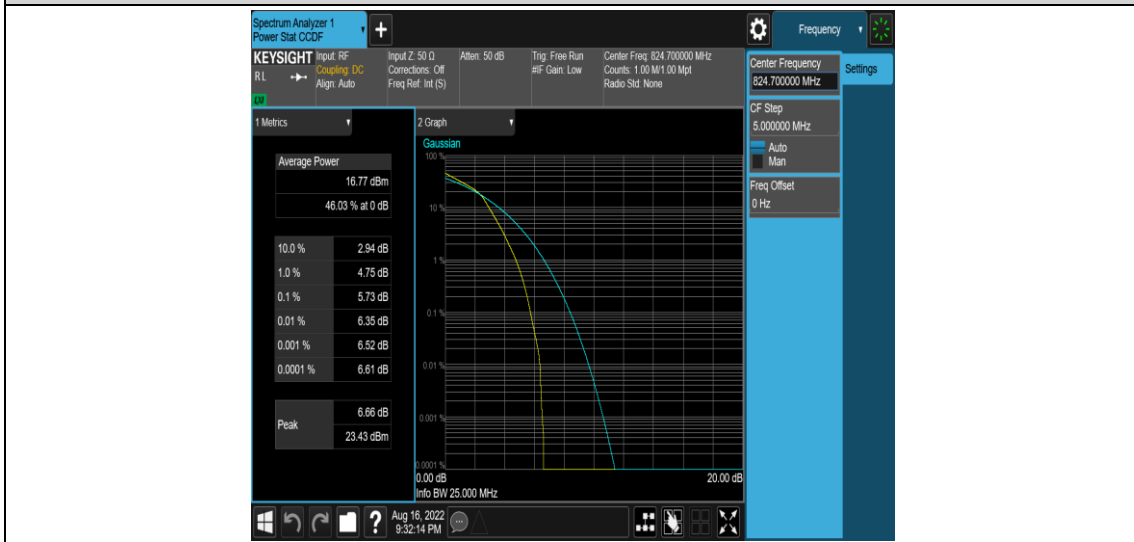
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Band5-1.4MHz-16QAM-20407-6RB#0



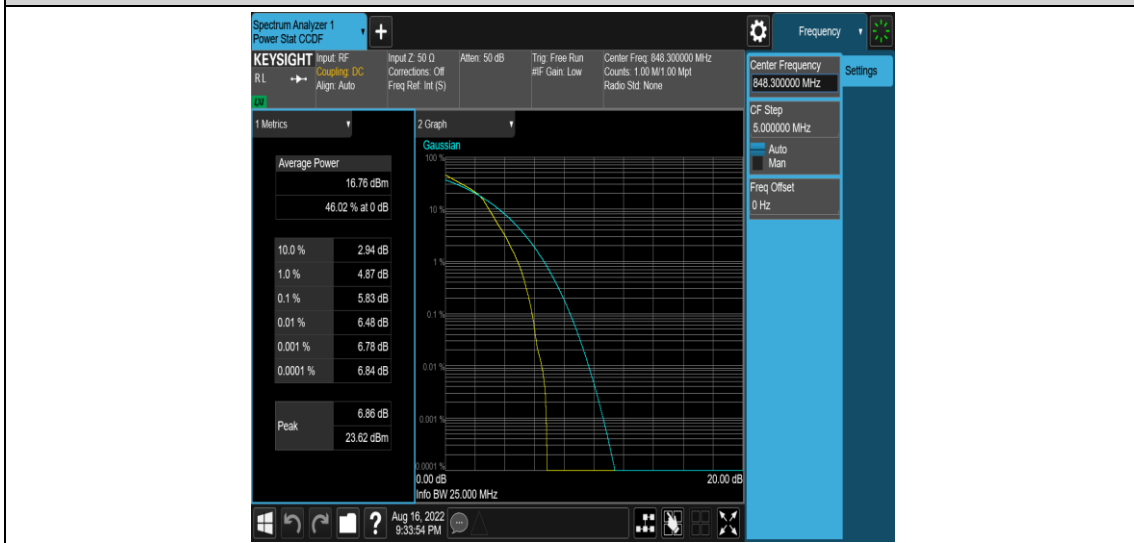
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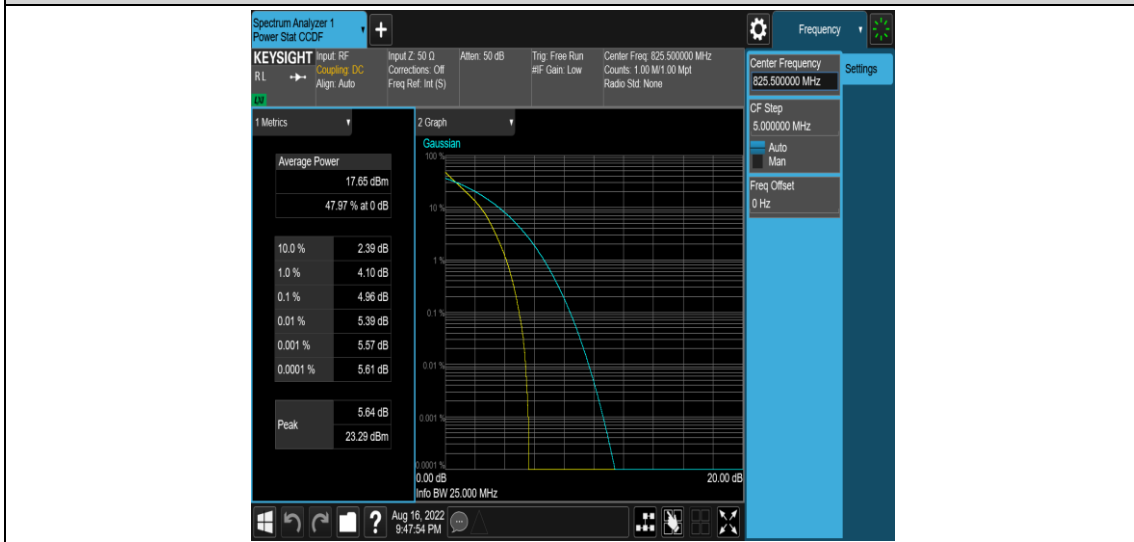
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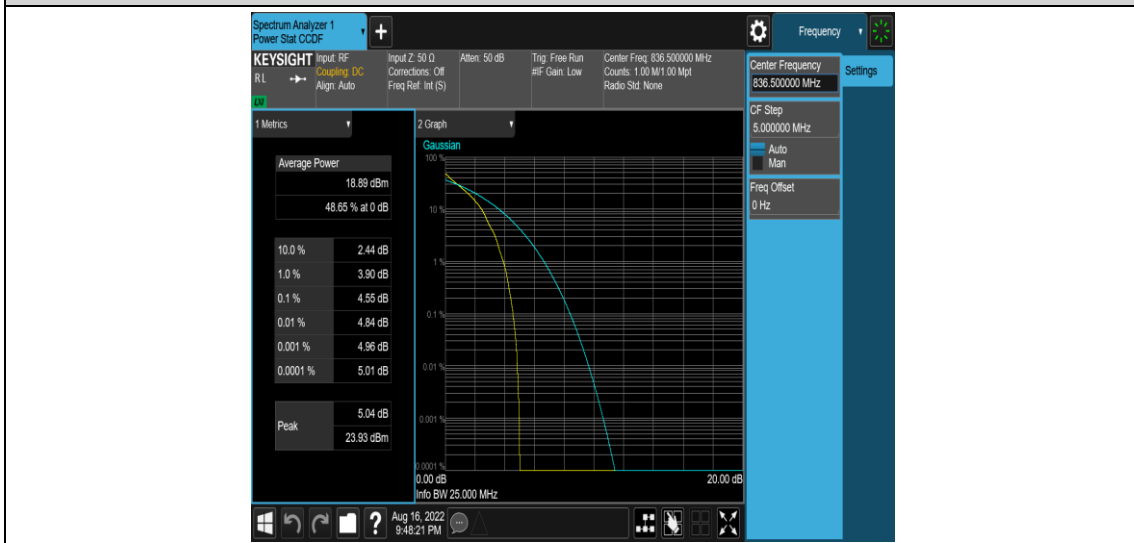
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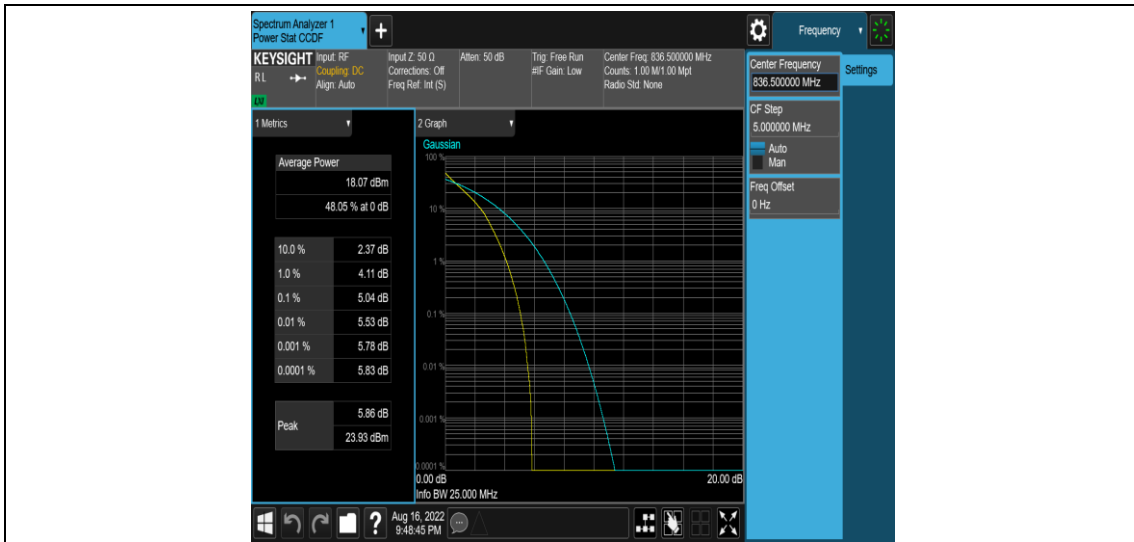
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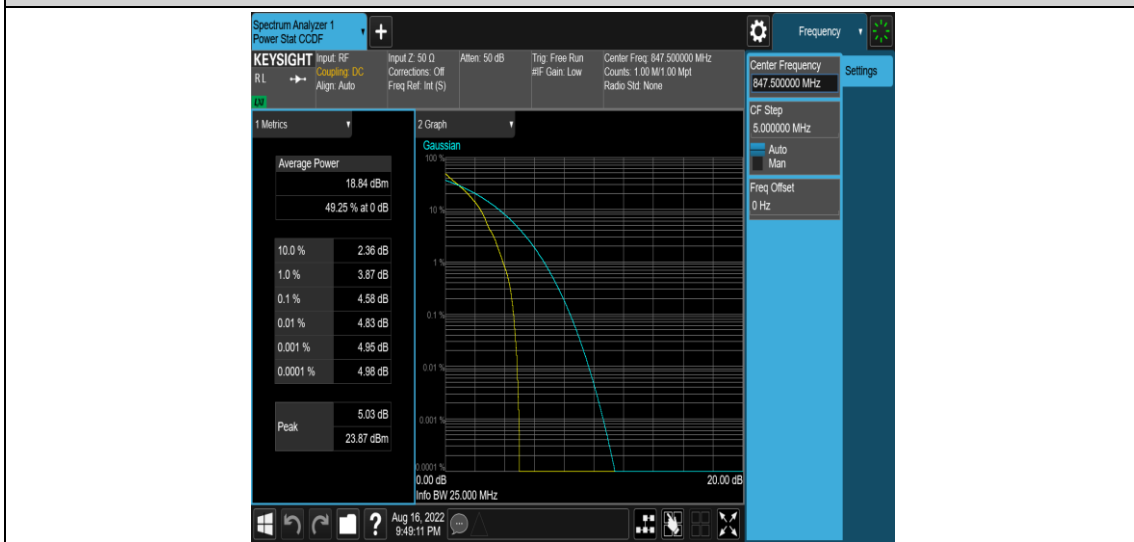
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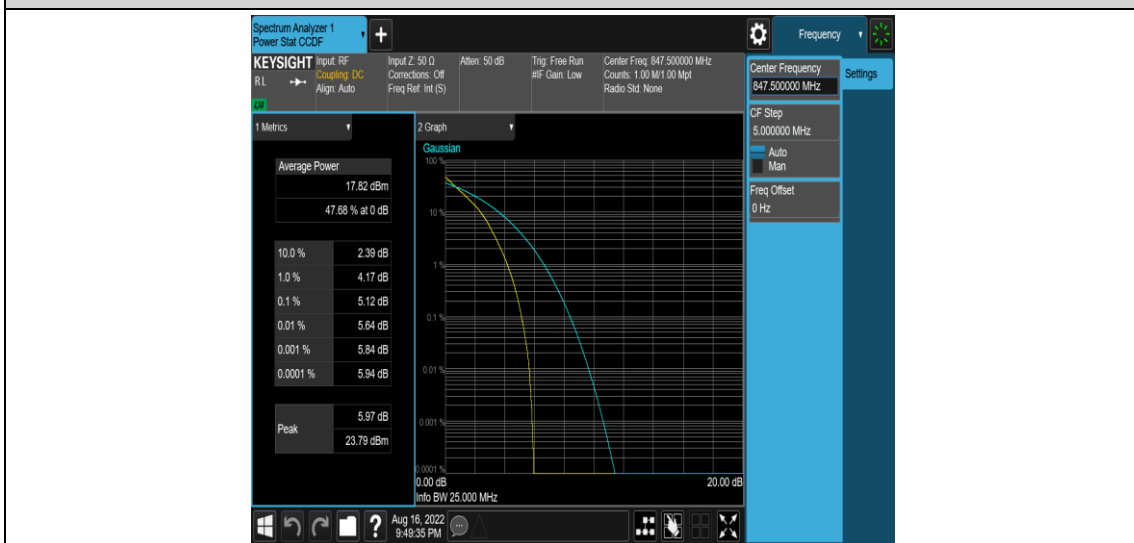
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Band5-3MHz-QPSK-20525-15RB#0



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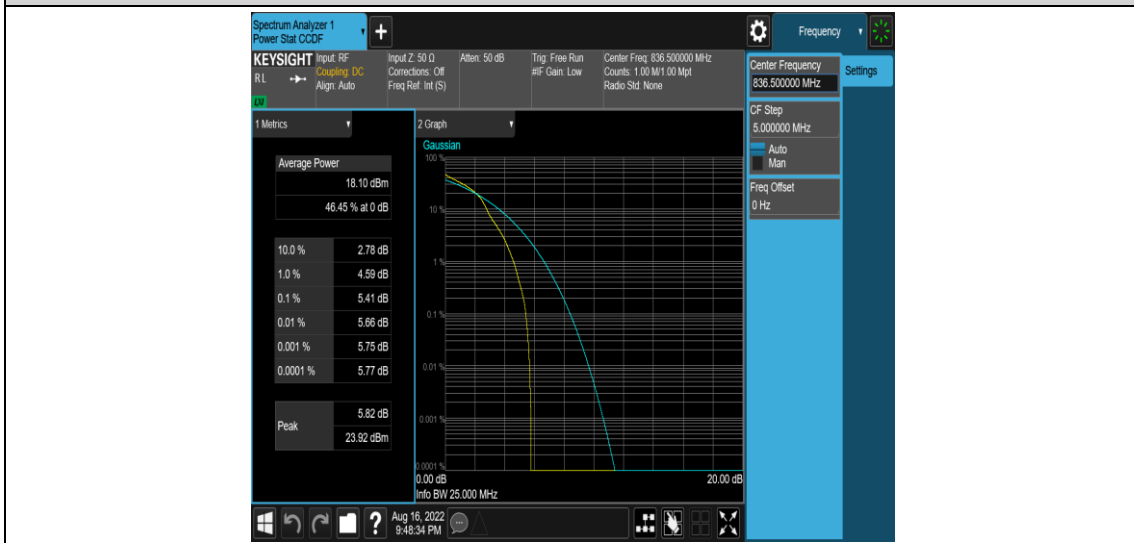
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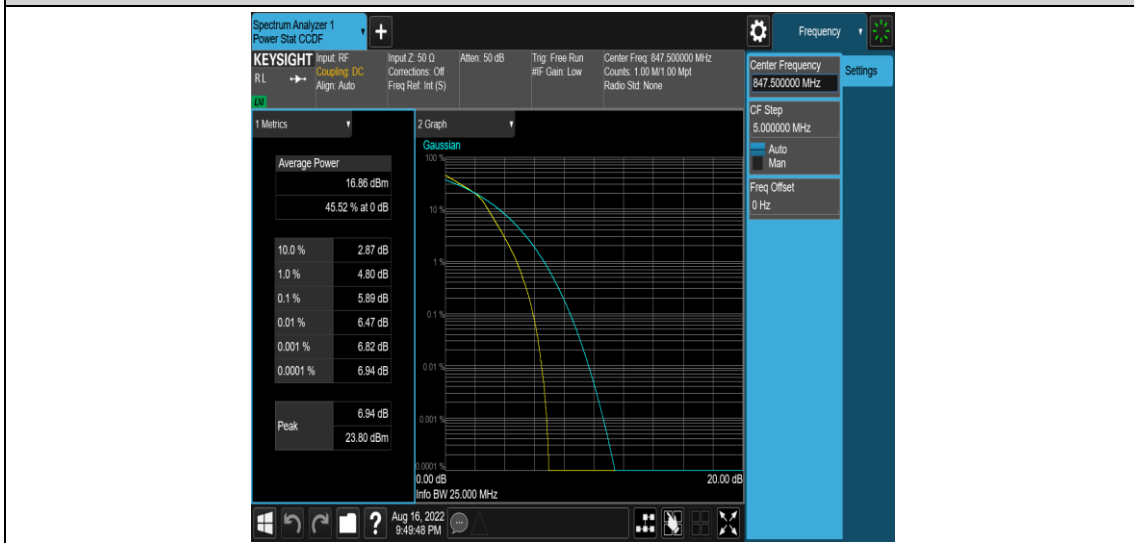
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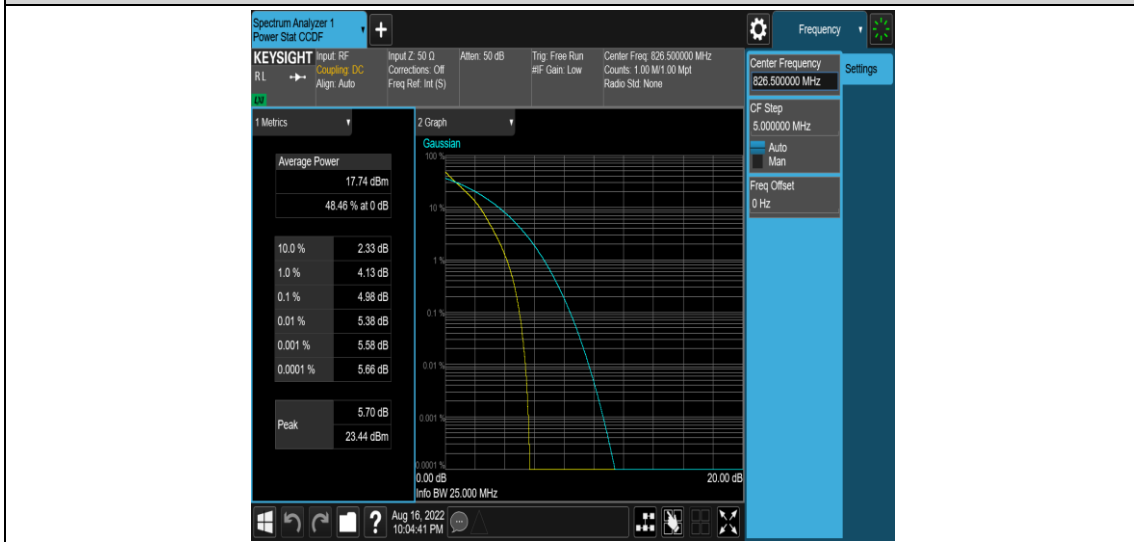
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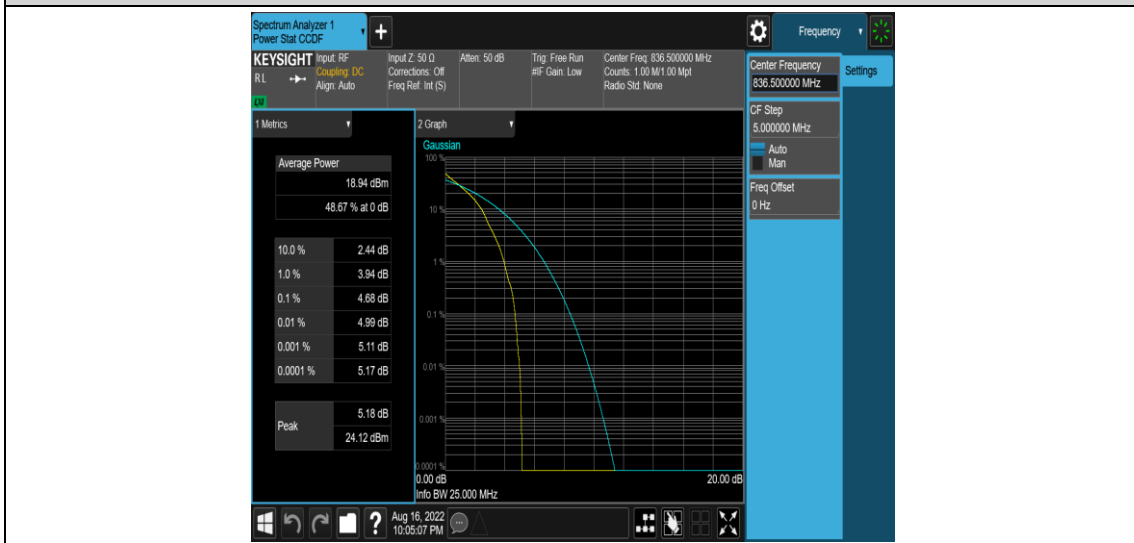
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Band5-5MHz-QPSK-20425-1RB#0



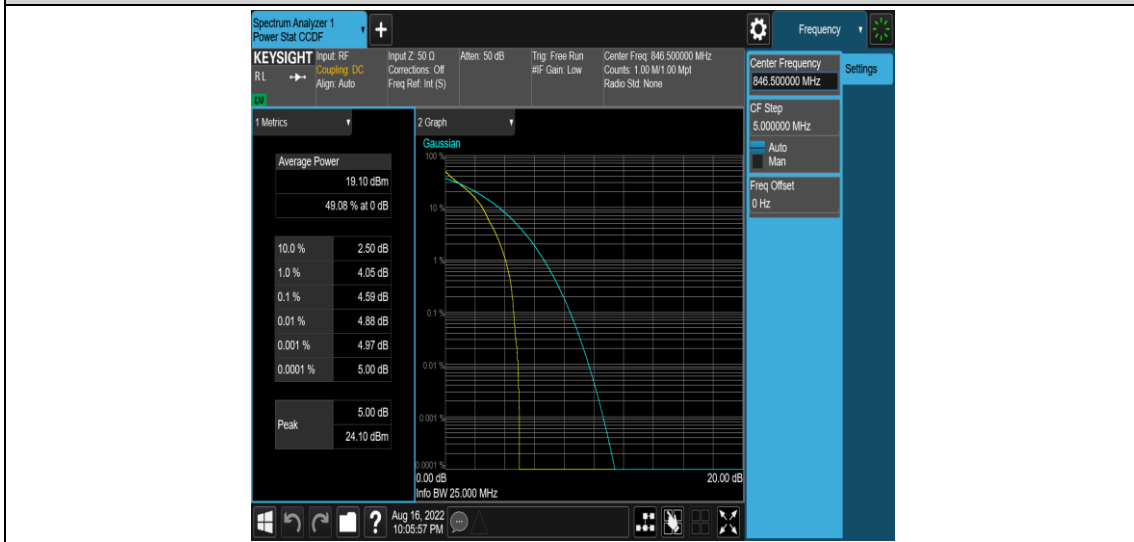
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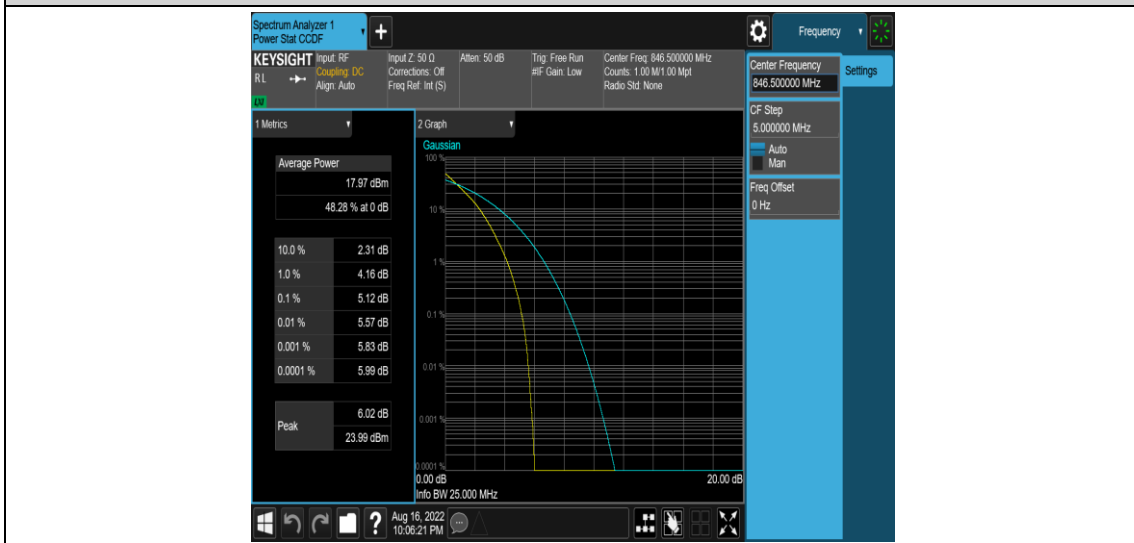
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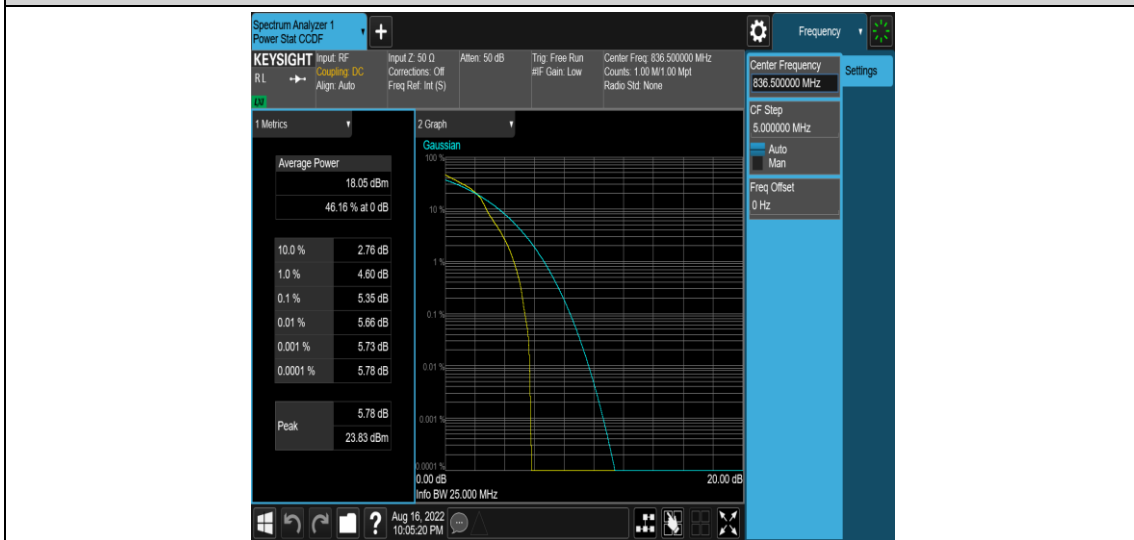
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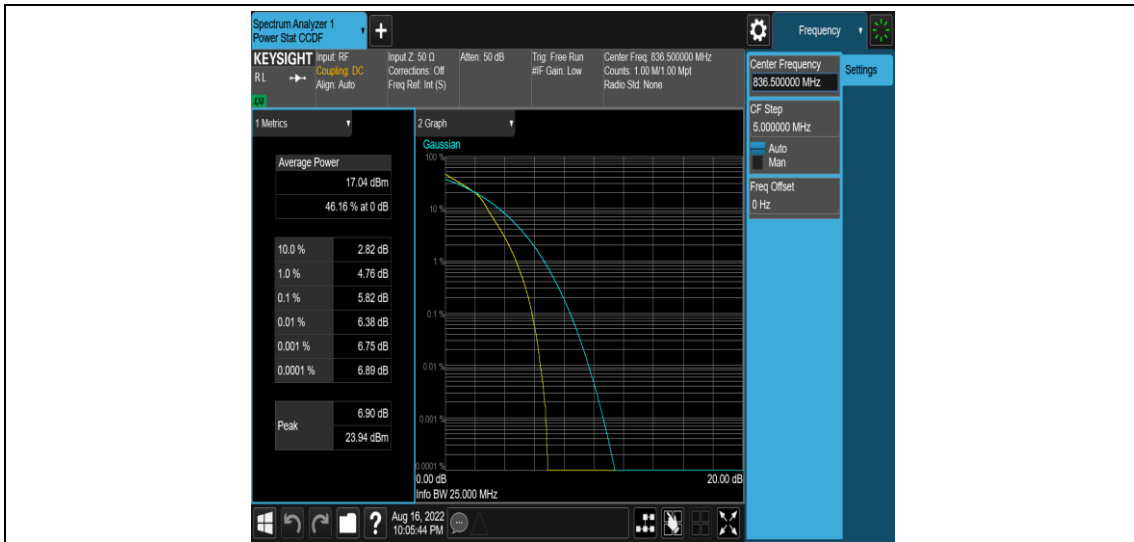
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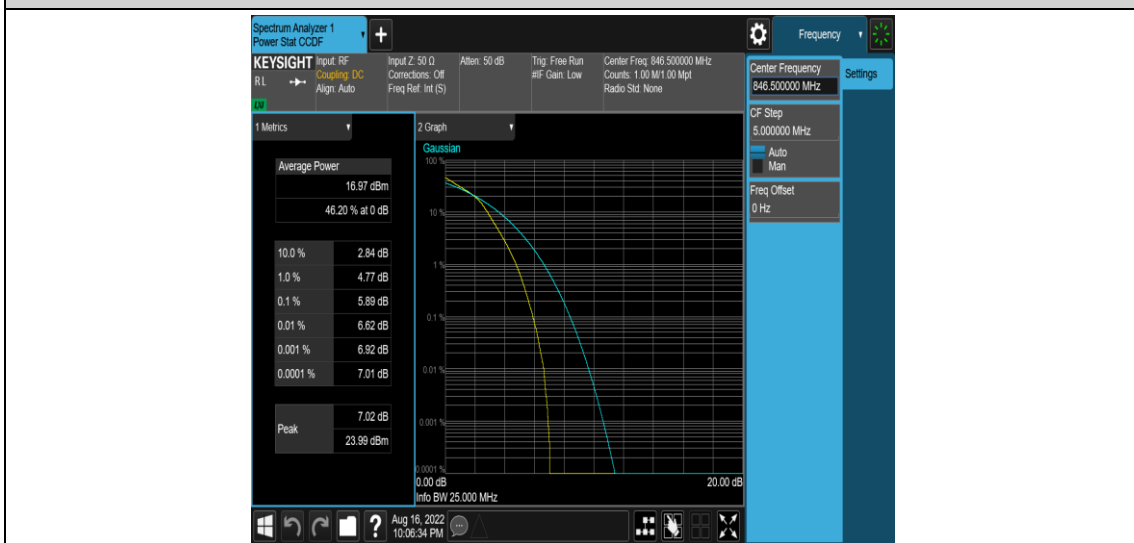
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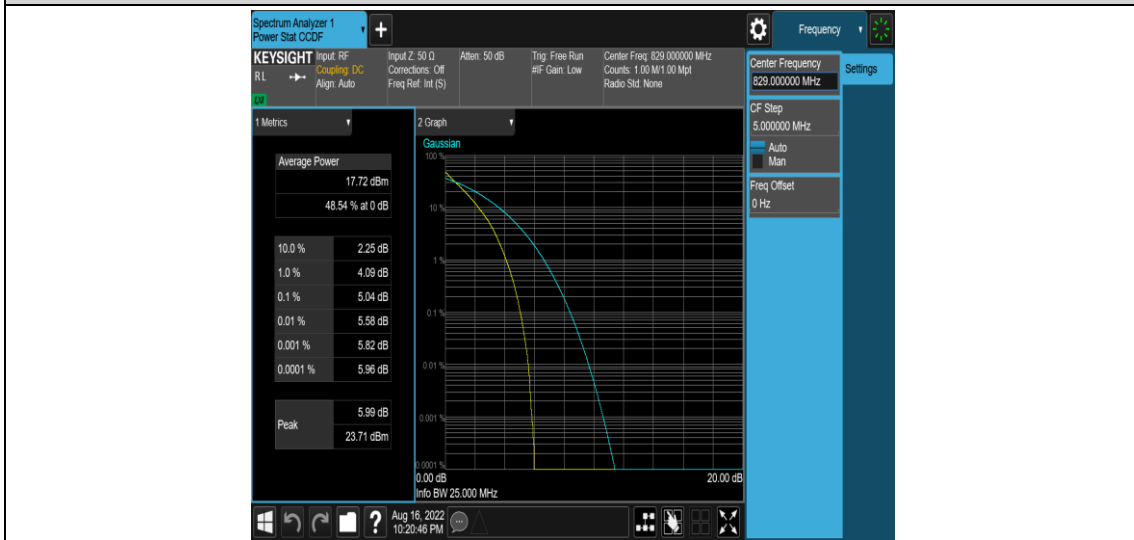
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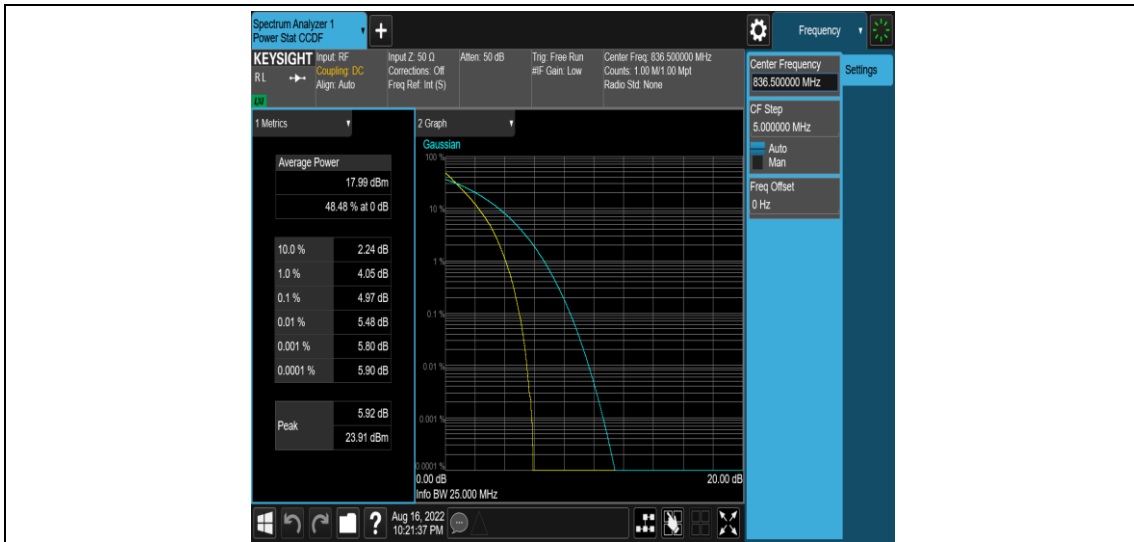
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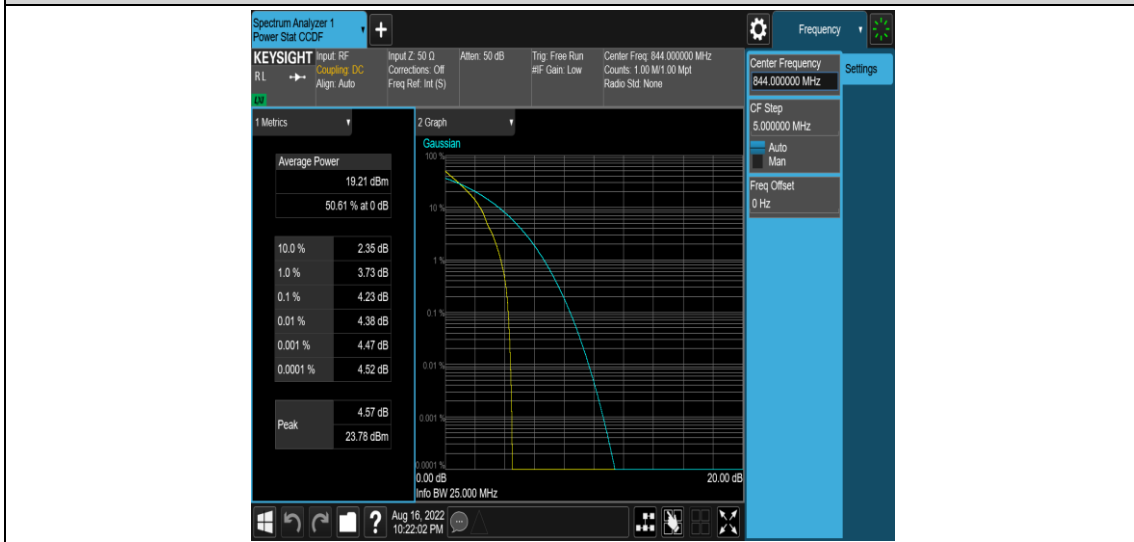
Band5-10MHz-QPSK-20450-50RB#0



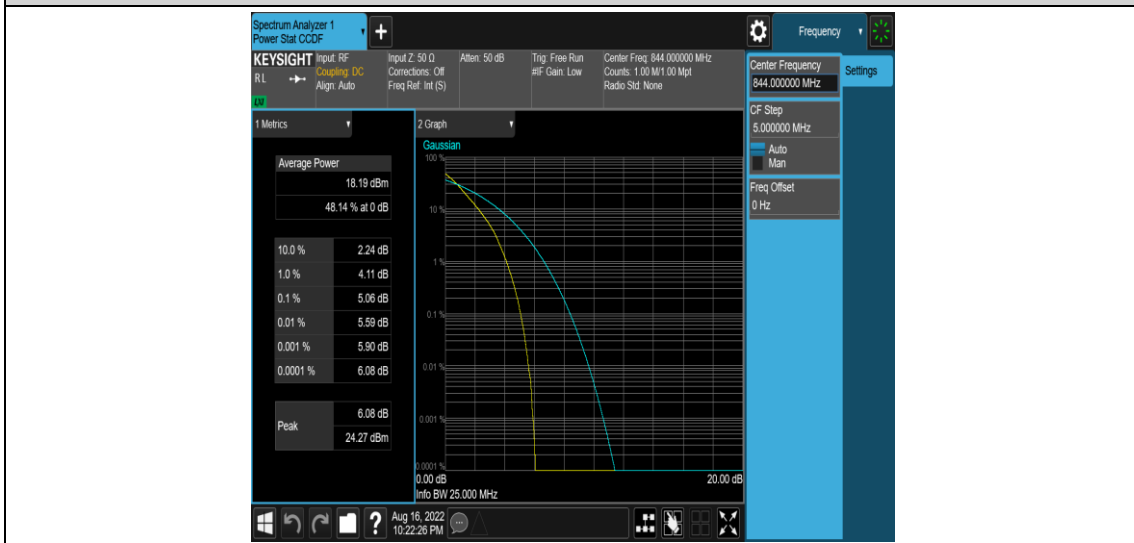
Band5-10MHz-QPSK-20525-1RB#0



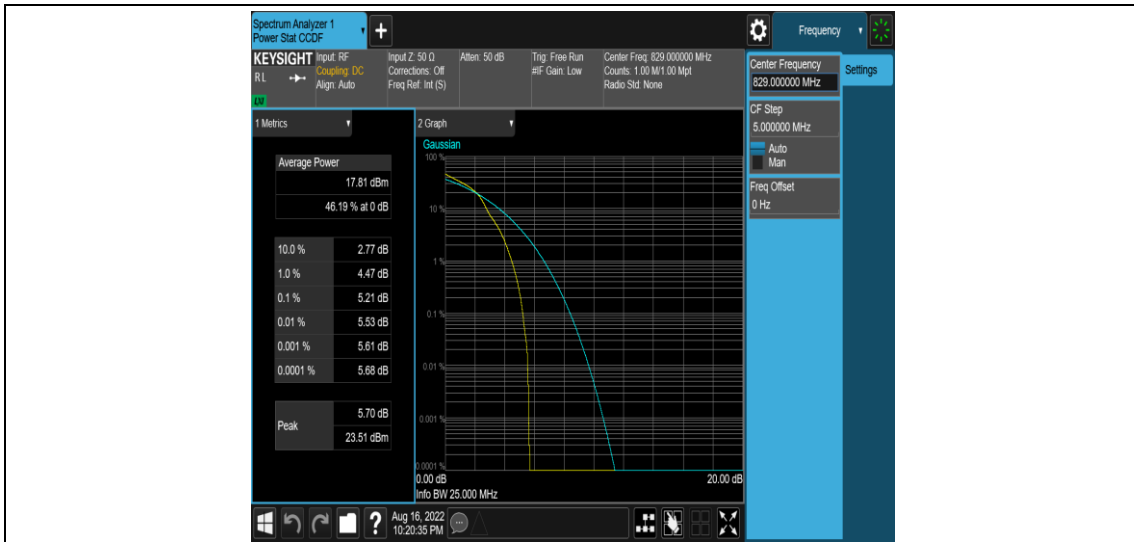
Band5-10MHz-QPSK-20525-50RB#0



Band5-10MHz-QPSK-20600-1RB#0



Band5-10MHz-QPSK-20600-50RB#0



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



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



Band5-10MHz-16QAM-20525-1RB#0



Band5-10MHz-16QAM-20525-50RB#0



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



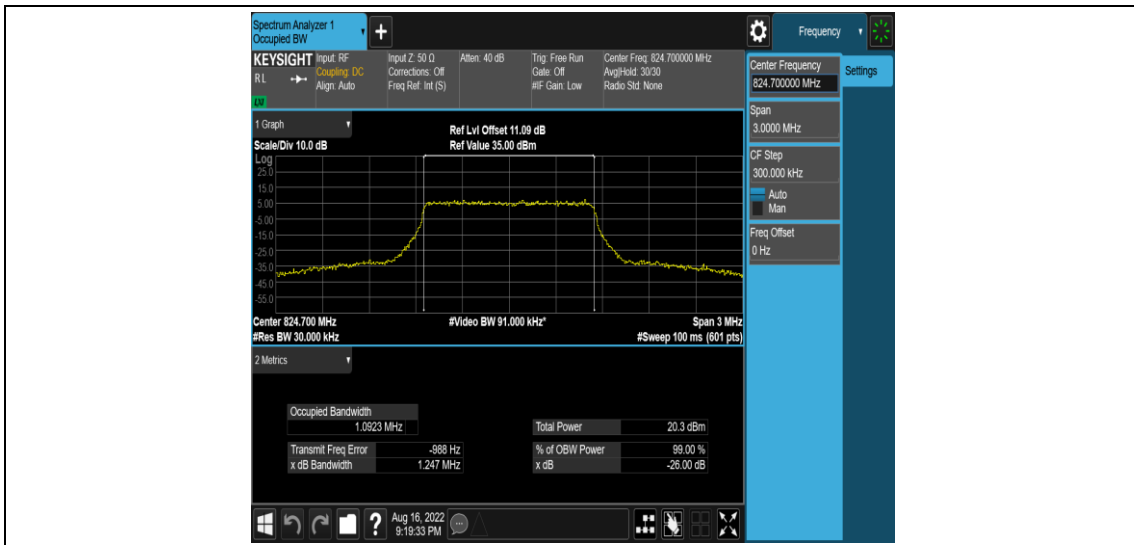
Band5-10MHz-16QAM-20600-50RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

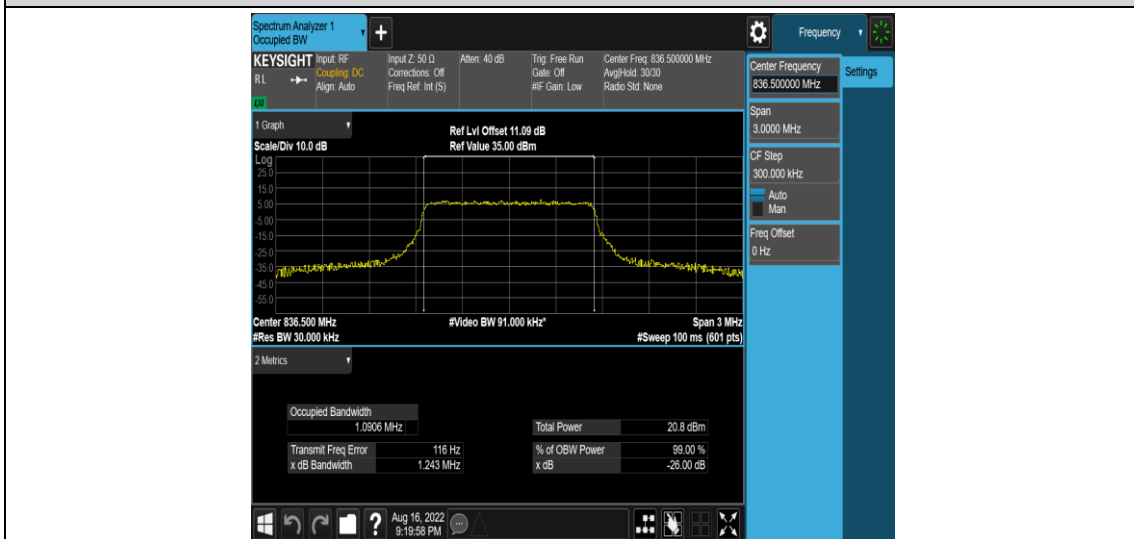
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0923	1.247	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0906	1.243	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0881	1.253	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0859	1.258	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0885	1.268	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0928	1.255	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6941	2.866	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6882	2.860	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6919	2.866	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6868	2.868	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6851	2.874	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6877	2.869	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5012	4.839	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4949	4.857	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4973	4.827	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5018	4.802	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5025	4.799	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4982	4.858	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9688	9.518	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9636	9.538	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9697	9.515	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9633	9.511	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9574	9.499	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9694	9.506	PASS

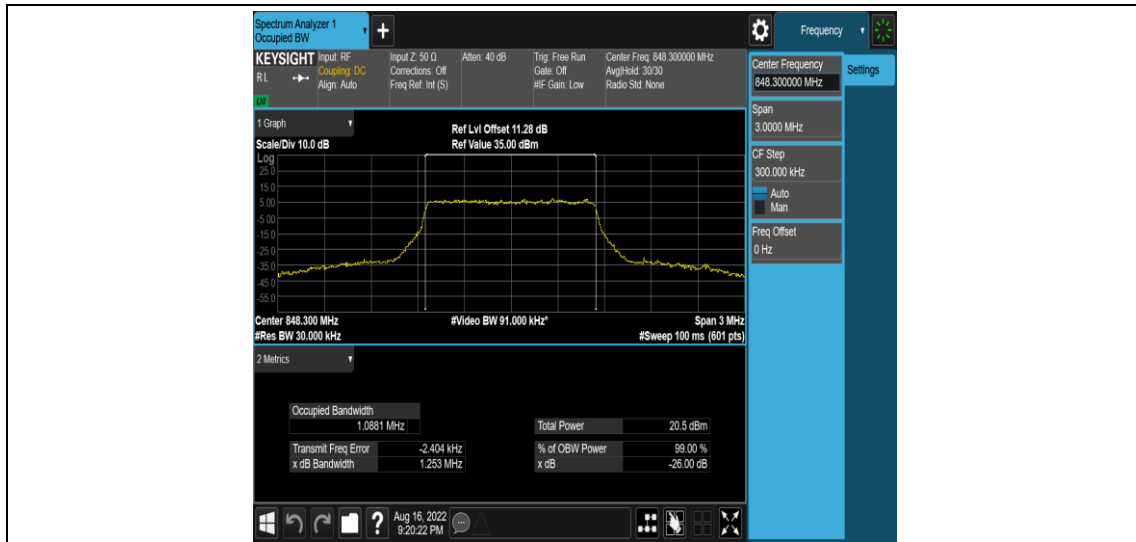
Test Graphs



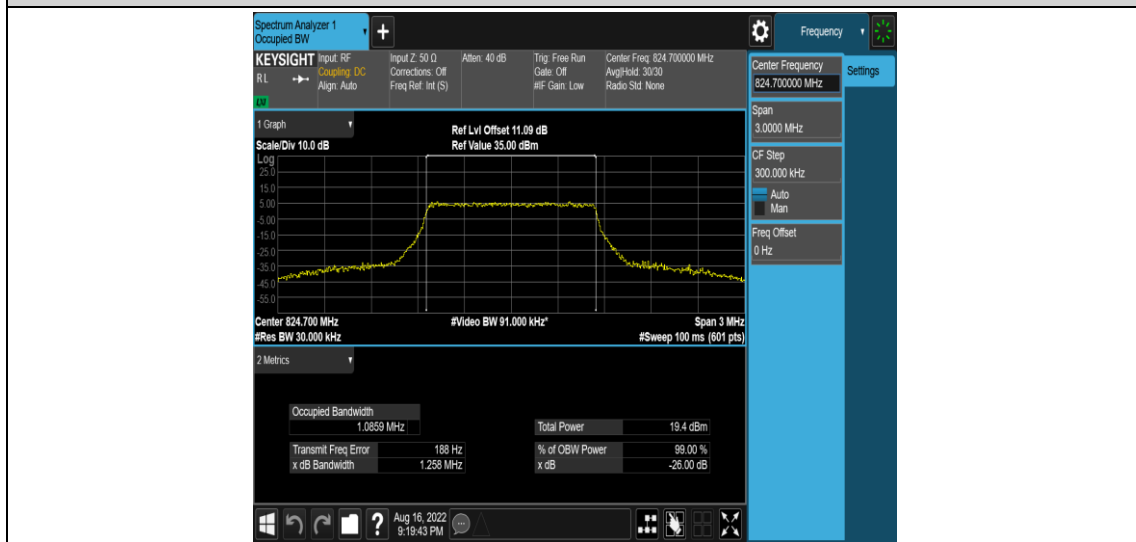
Band5-1.4MHz-QPSK-20407-6RB#0



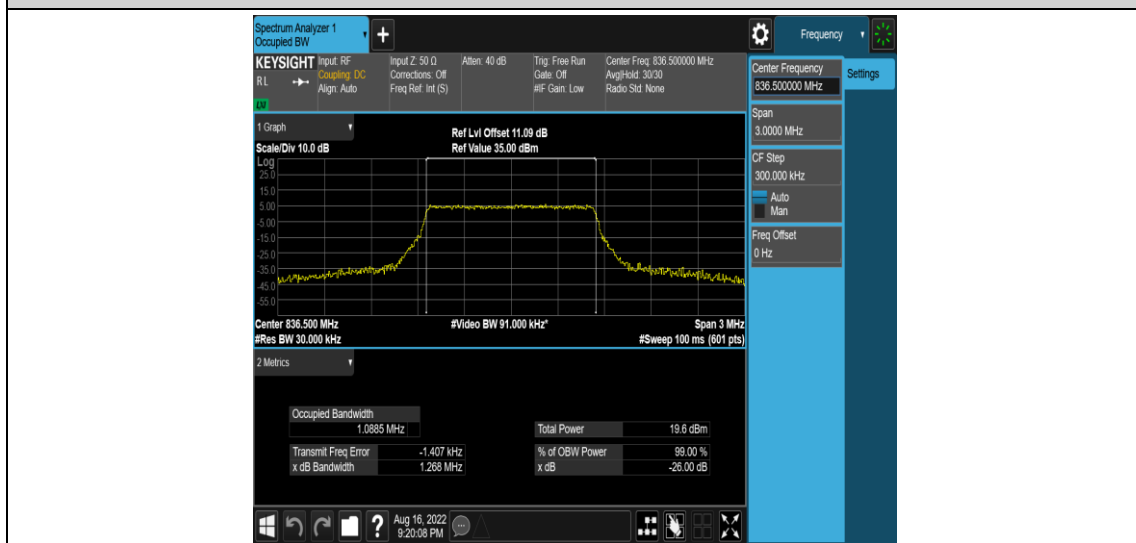
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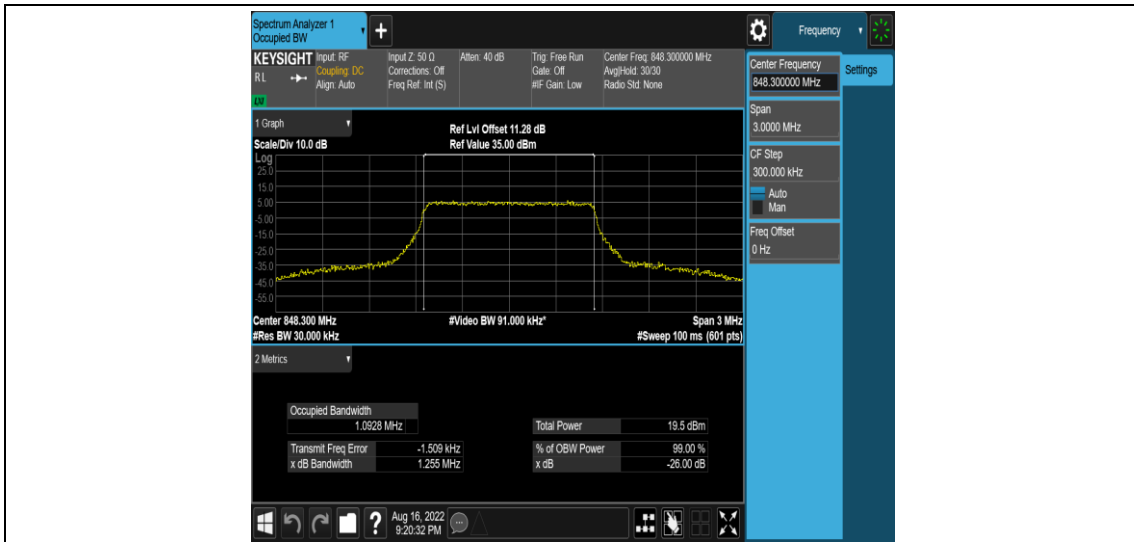
Band5-1.4MHz-QPSK-20643-6RB#0



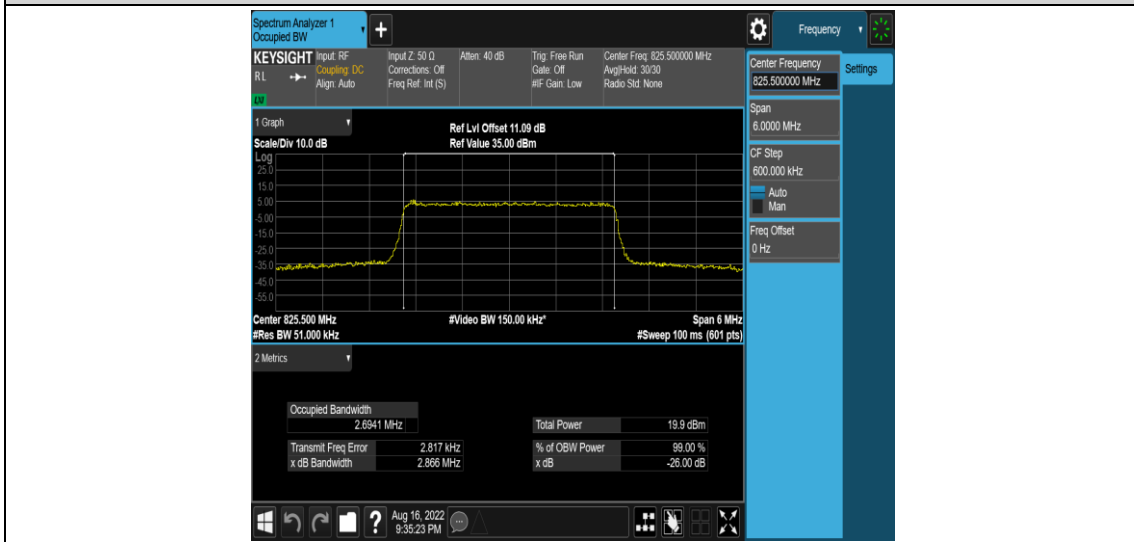
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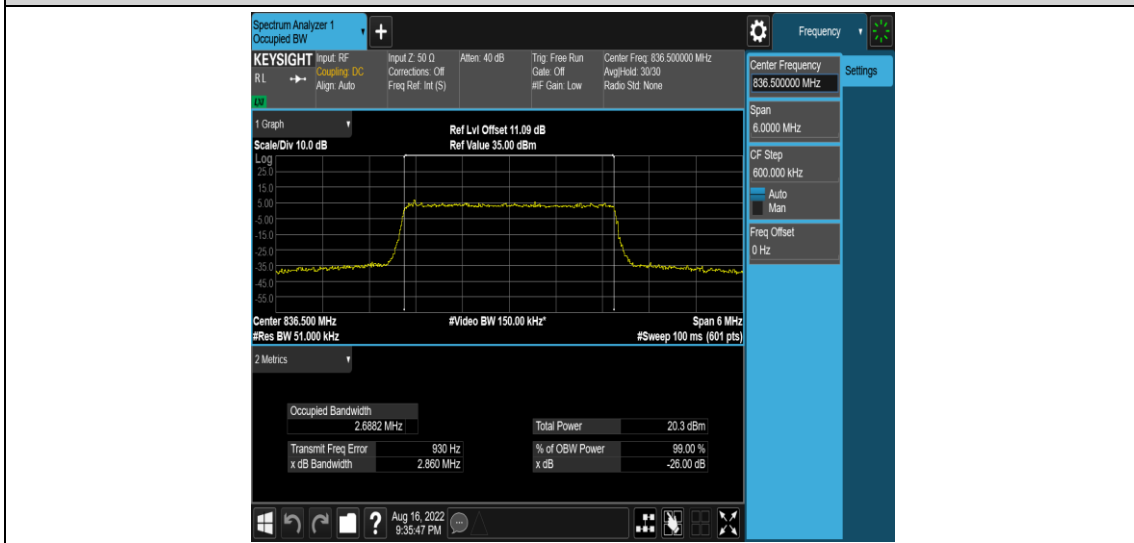
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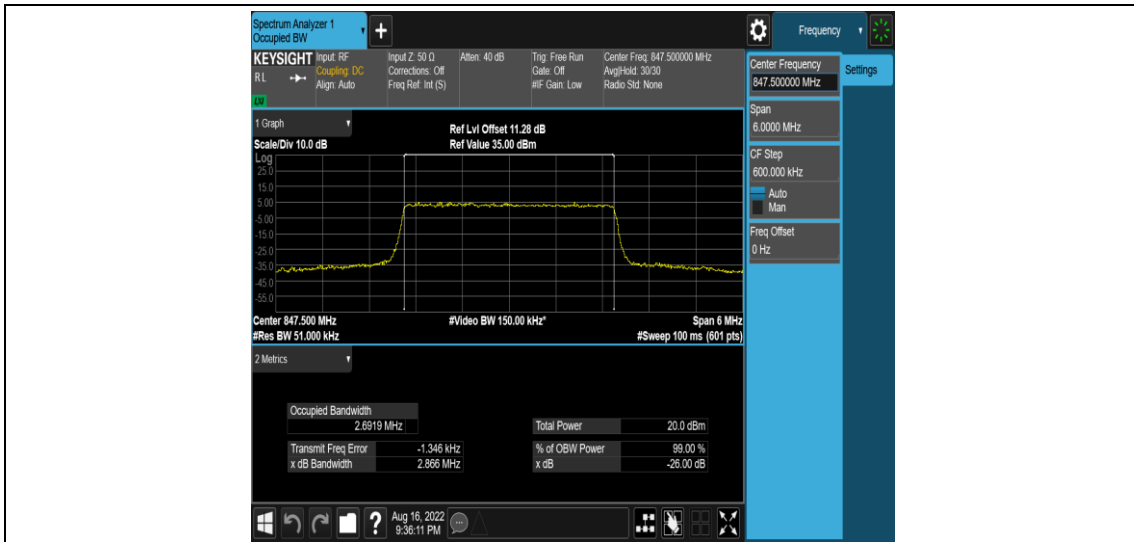
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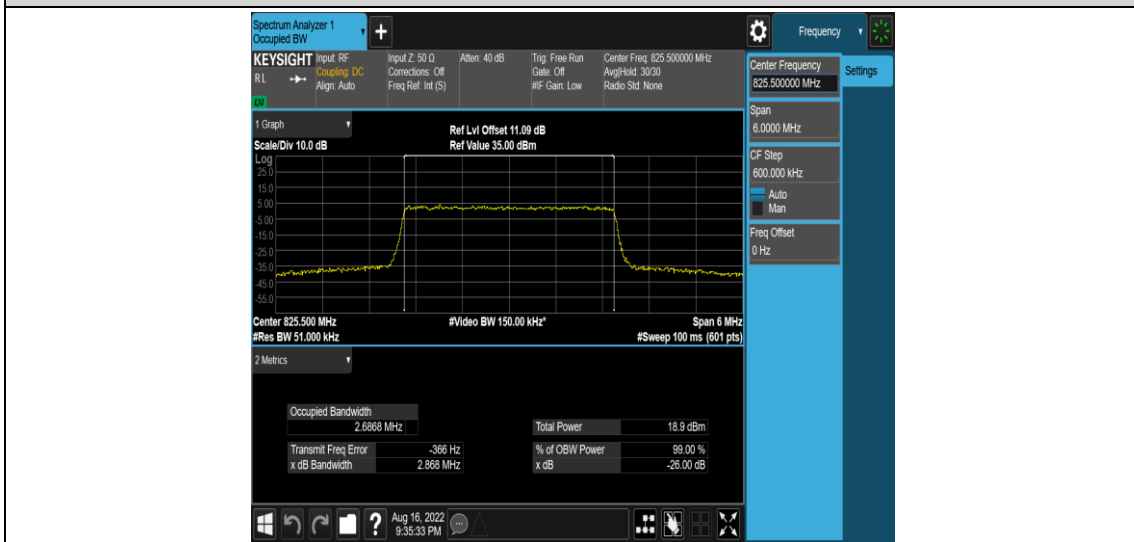
Band5-3MHz-QPSK-20415-15RB#0



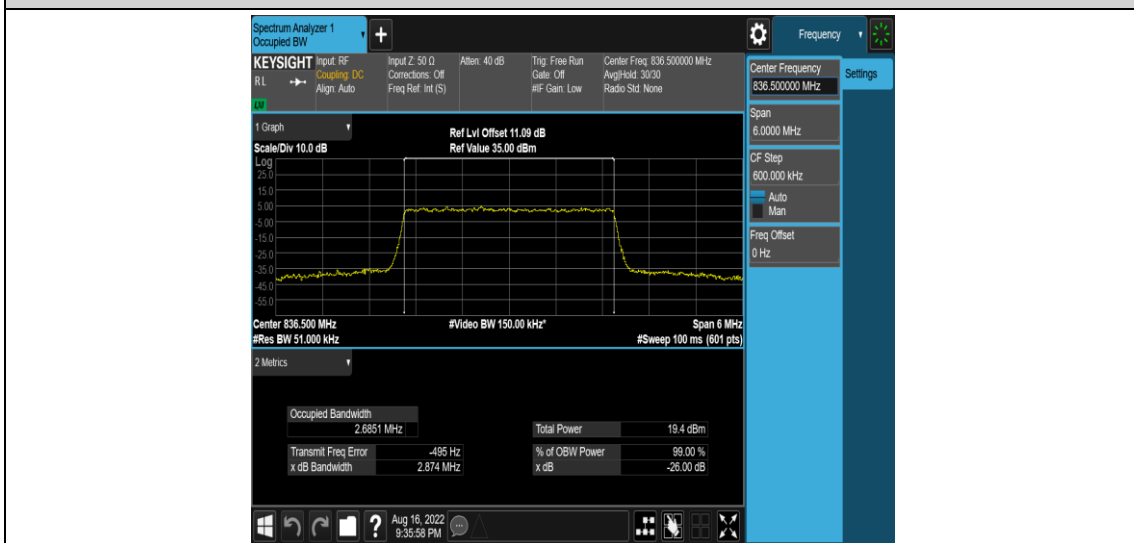
Band5-3MHz-QPSK-20525-15RB#0



Band5-3MHz-QPSK-20635-15RB#0



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



Band5-3MHz-16QAM-20525-15RB#0