Appendix for Band 5

Product Name: Industrial tablet
Model No: SD100

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.43	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.50	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.36	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.50	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.50	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.51	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.52	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.56	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.64	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.56	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.57	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.59	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.55	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.44	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.55	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.41	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.63	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.63	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.66	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.54	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.33	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.46	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.35	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.26	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.26	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.21	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.52	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.40	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.51	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.37	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	22.37	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.40	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.37	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.46	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.43	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.60	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.46	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.42	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.44	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.37	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.63	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.50	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.48	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.44	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.46	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.44	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.41	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.42	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.50	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.51	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.49	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.49	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.52	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.49	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.56	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.53	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.50	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.56	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.55	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.54	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.54	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.36	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.31	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.28	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.46	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.46	PASS

Band5	3MHz	16QAM	20415	8RB#7	21.41	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.36	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.54	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.51	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.52	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.55	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.53	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.56	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.51	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.72	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.48	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.59	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.59	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.63	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.63	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.63	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.47	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.53	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.37	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.44	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.48	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.47	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.43	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.44	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.59	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.51	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.48	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.51	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.49	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.60	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.66	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.50	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.69	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.61	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.50	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.59	PASS

Band5	5MHz	16QAM	20425	1RB#0	22.35	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.44	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.36	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.42	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.42	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.47	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.49	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.64	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.49	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.50	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.51	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.53	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.51	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.47	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.59	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.64	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.63	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.58	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.65	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.46	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.59	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.49	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.49	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.53	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.51	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.53	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.54	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.65	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.50	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.55	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.59	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.54	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.52	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.56	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.74	PASS

Band5	10MHz	QPSK	20600	1RB#49	23.51	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.69	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.69	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.58	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.67	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.50	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.57	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.48	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.50	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.52	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.54	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.50	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.43	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.51	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.39	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.61	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.60	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.60	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.55	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.57	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.72	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.61	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.70	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.72	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.62	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.69	PASS

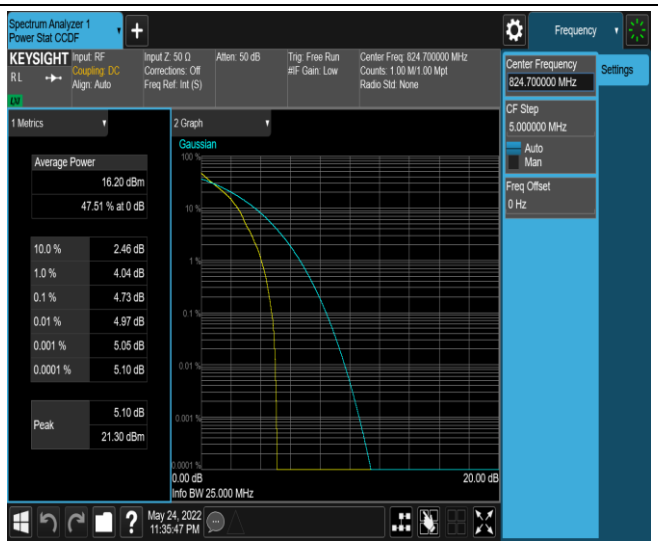
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.73	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.24	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.06	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.47	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.97	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.59	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.62	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.01	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	6.03	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.23	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.85	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.36	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.76	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.30	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.14	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.47	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.99	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.64	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.67	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.17	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.97	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.23	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.79	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.44	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.91	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.39	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.21	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.54	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.01	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.66	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.53	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.10	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.91	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.24	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.72	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.39	13	PASS

Band5	10MHz	QPSK	20450	1RB#0	4.72	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.47	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.02	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.49	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.82	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.59	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.61	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.17	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.95	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.22	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.61	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.34	13	PASS

Test Graphs



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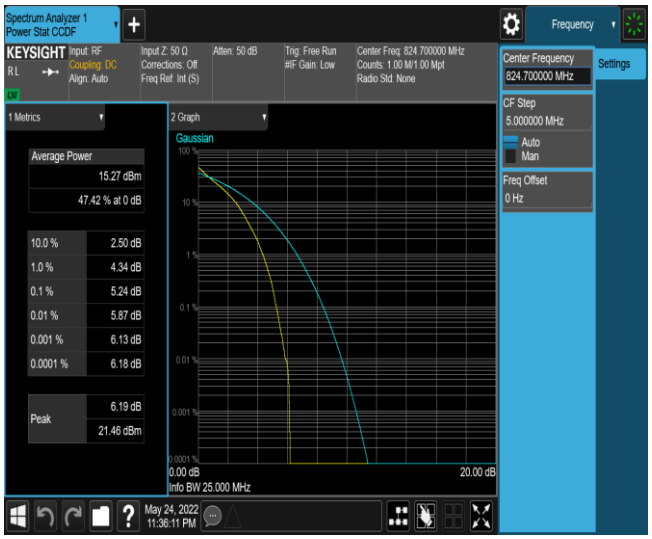

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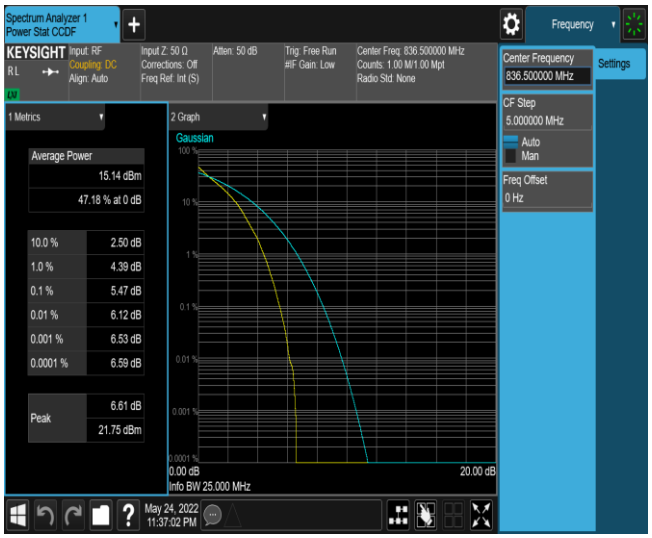
Band5-1.4MHz-QPSK-20525-1RB#0



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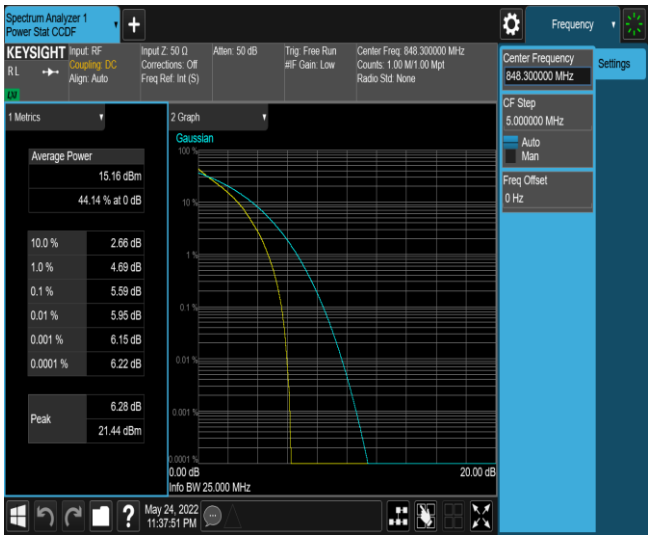

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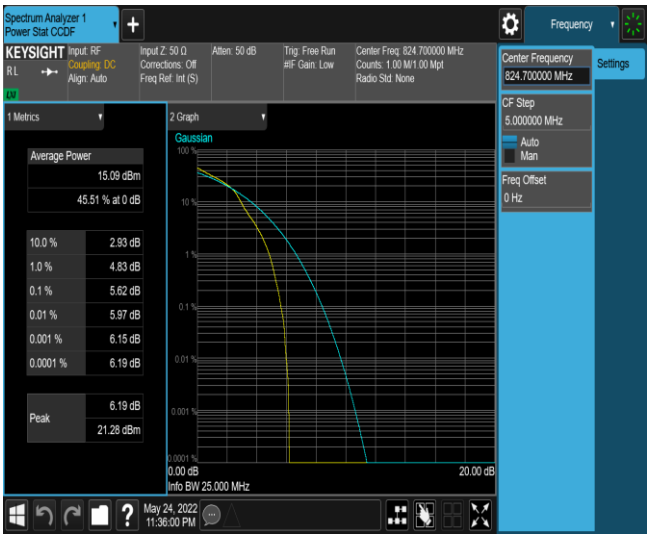

Band5-1.4MHz-16QAM-20407-1RB#0

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

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

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

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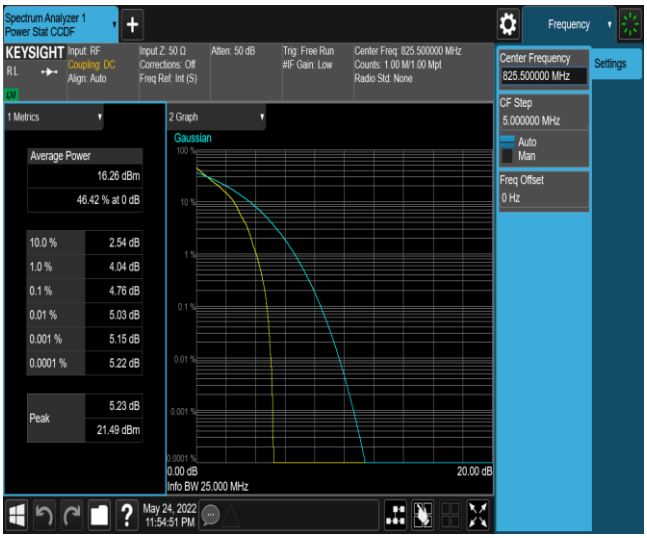
Band5-1.4MHz-16QAM-20643-6RB#0



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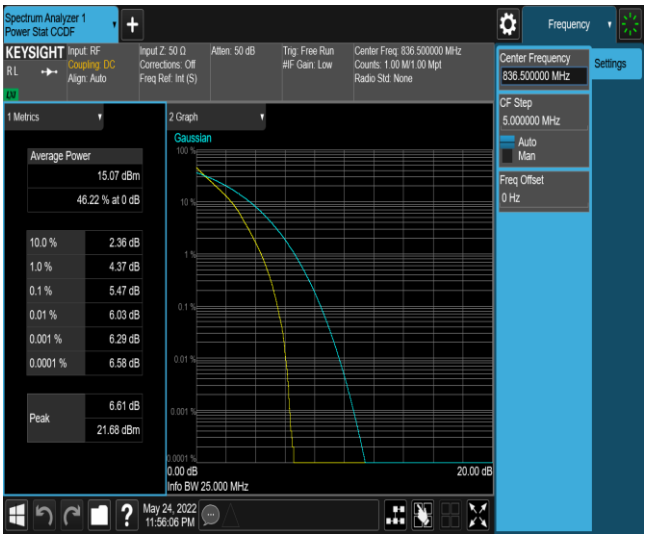
Band5-3MHz-QPSK-20415-15RB#0

Band5-3MHz-QPSK-20525-1RB#0



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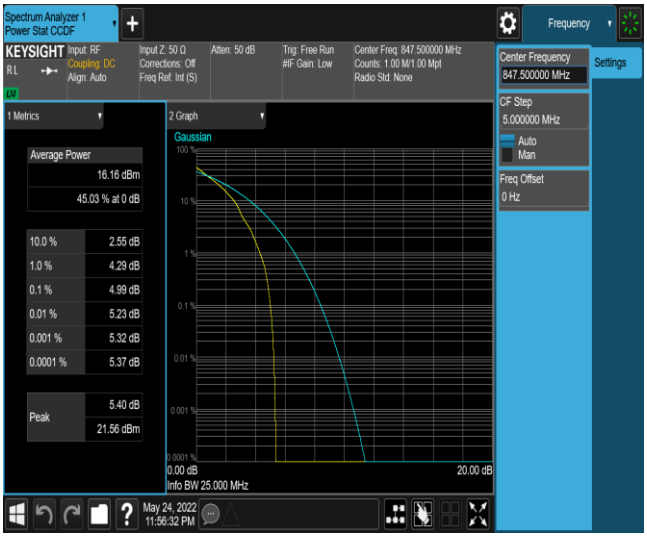

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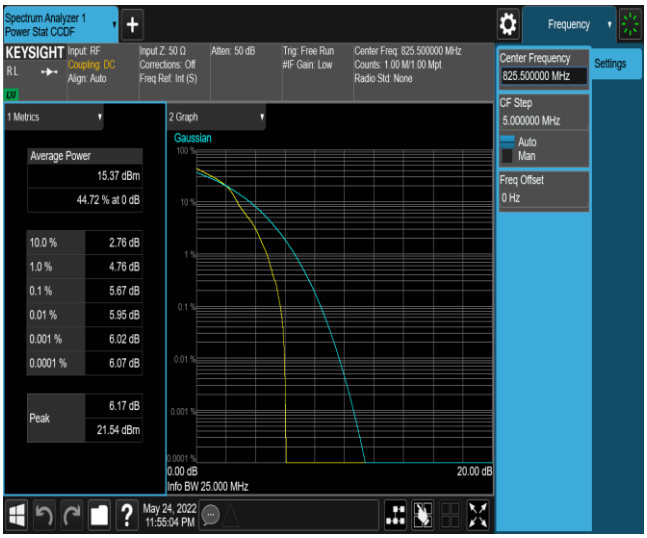
Band5-3MHz-QPSK-20635-15RB#0



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

Band5-3MHz-16QAM-20525-1RB#0

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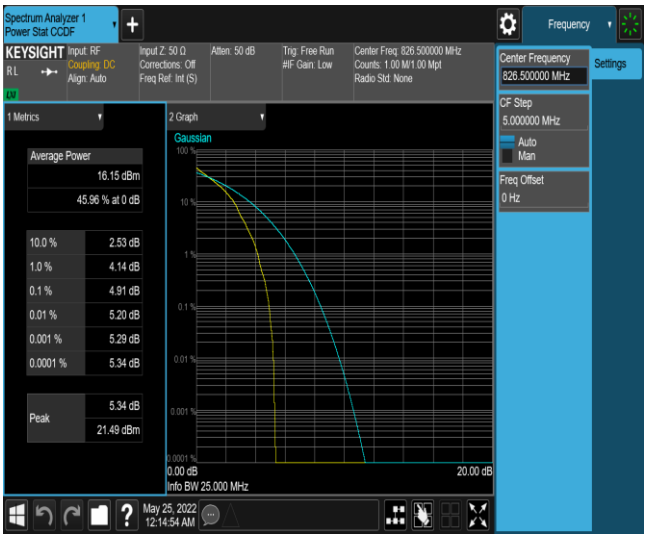
Band5-3MHz-16QAM-20635-15RB#0



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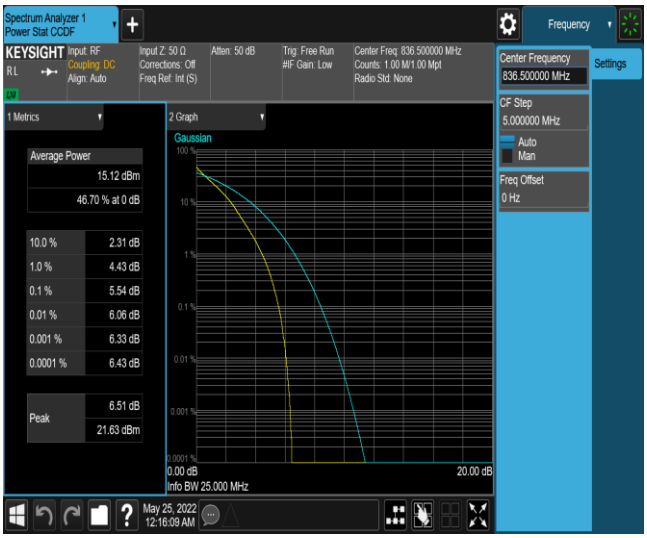


Band5-5MHz-QPSK-20525-25RB#0

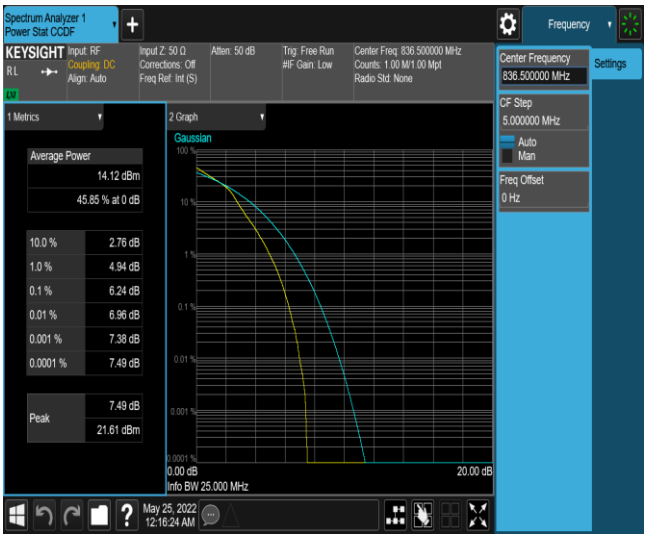
Band5-5MHz-QPSK-20625-1RB#0

Band5-5MHz-QPSK-20625-25RB#0

Band5-5MHz-16QAM-20425-1RB#0

Band5-5MHz-16QAM-20425-25RB#0

Band5-5MHz-16QAM-20525-1RB#0



Band5-5MHz-16QAM-20525-25RB#0

Band5-5MHz-16QAM-20625-1RB#0

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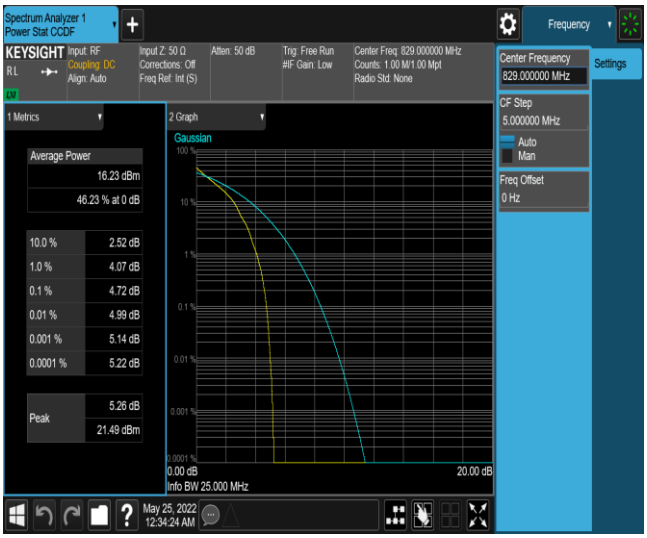

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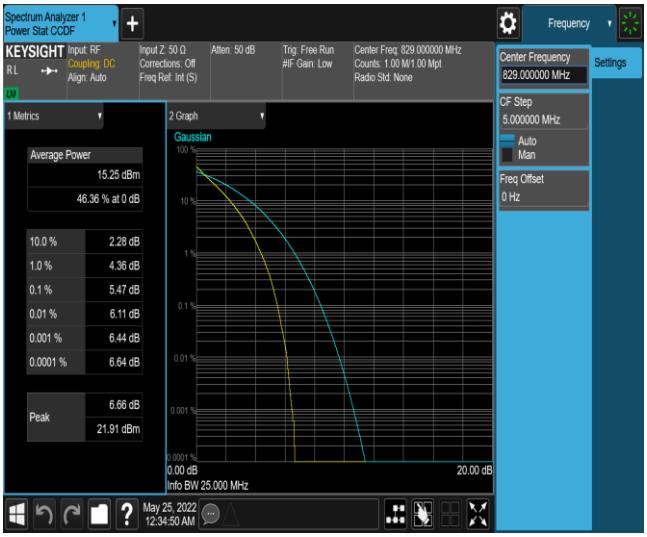

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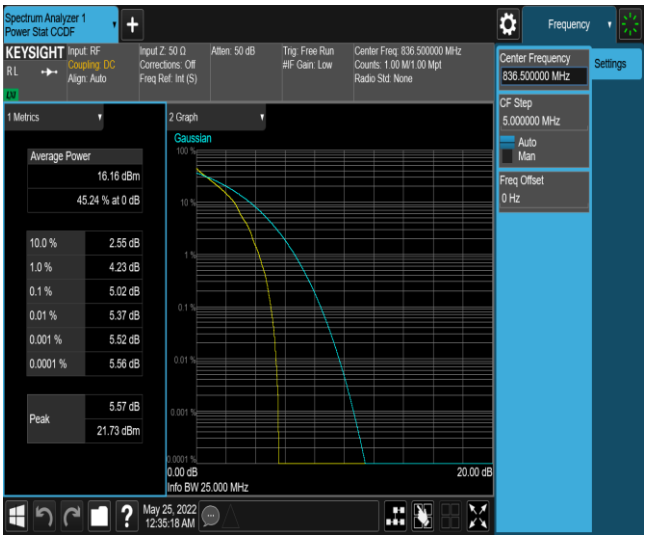

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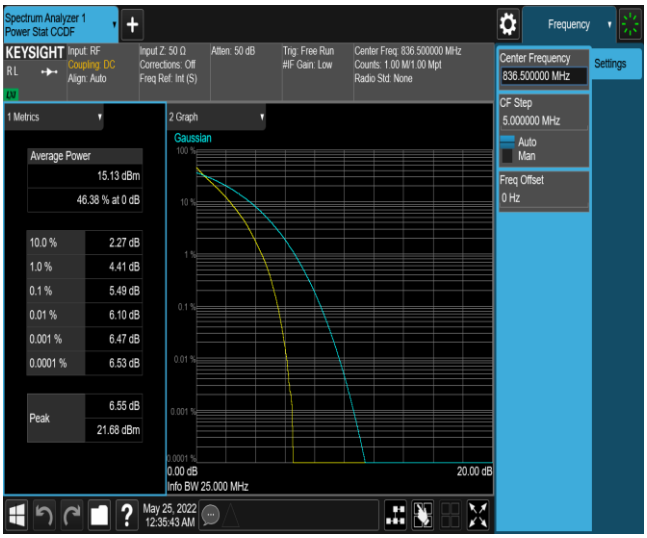

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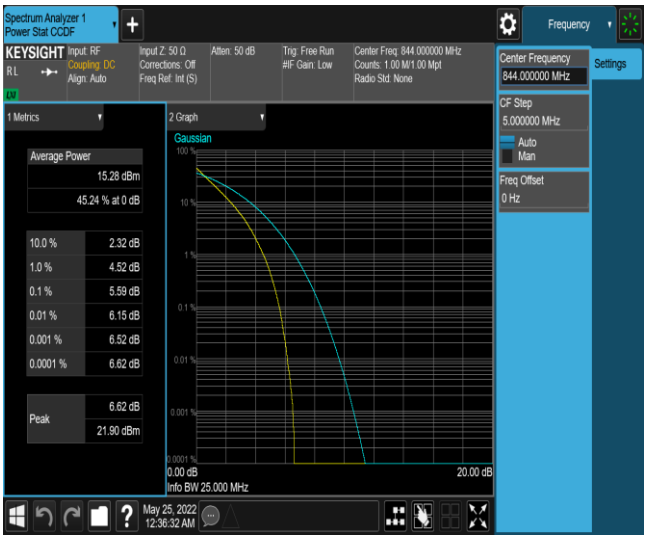

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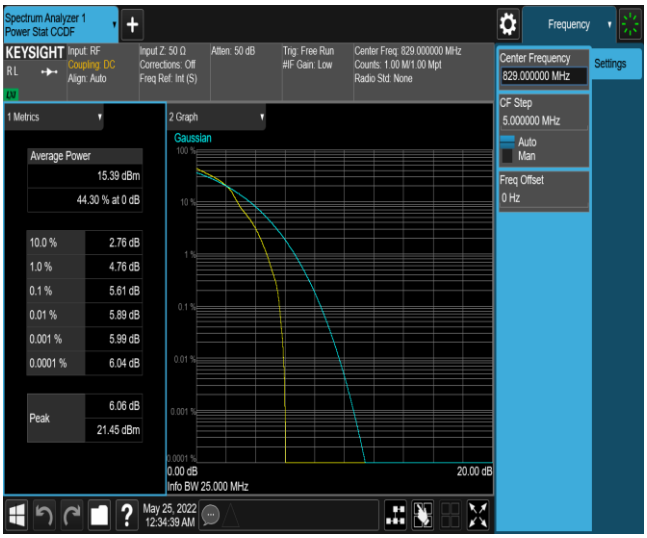

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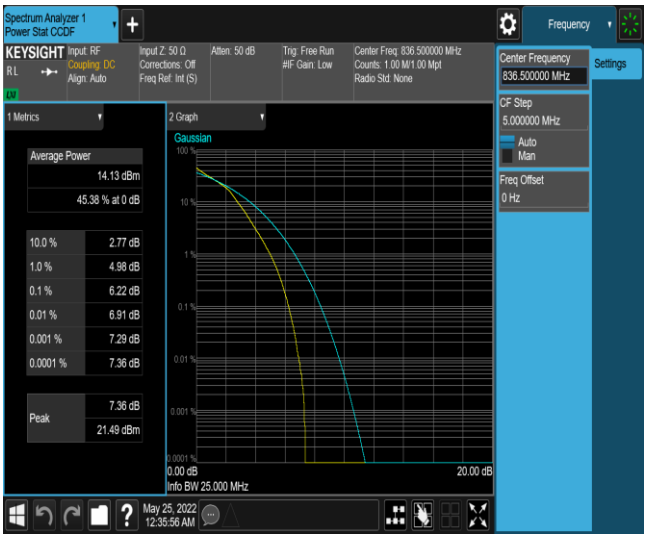


Band5-10MHz-16QAM-20525-50RB#0

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

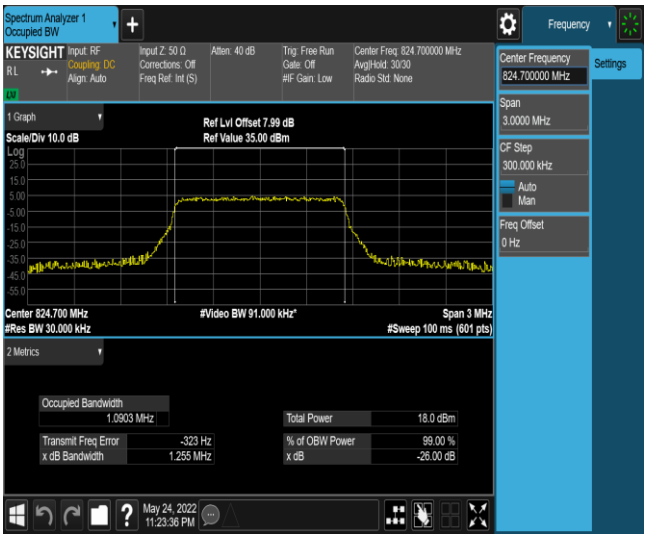
Band5-10MHz-16QAM-20600-50RB#0

Appendix C: 26dB Bandwidth and Occupied Bandwidth

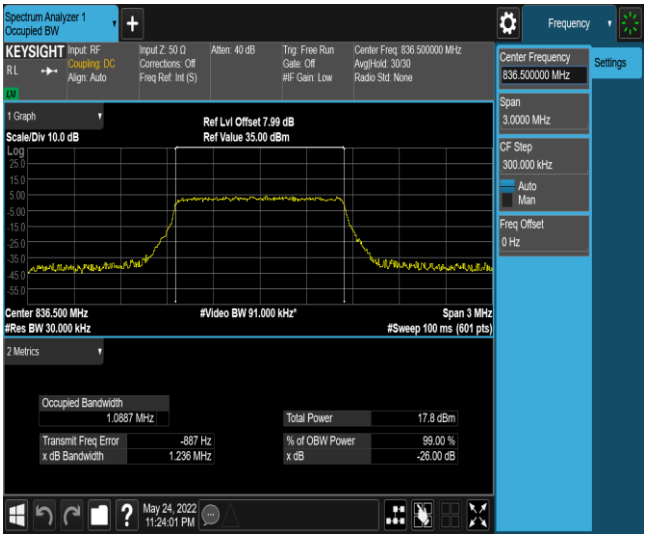
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0903	1.255	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0887	1.236	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0919	1.259	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0877	1.264	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0888	1.252	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0898	1.261	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6891	2.860	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6886	2.845	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6906	2.863	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6874	2.849	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6844	2.853	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6858	2.862	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4999	4.822	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4933	4.829	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4970	4.826	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5004	4.816	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5047	4.784	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4948	4.832	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9914	9.550	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9903	9.518	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9857	9.505	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9794	9.511	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9761	9.492	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9842	9.496	PASS

Test Graphs



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



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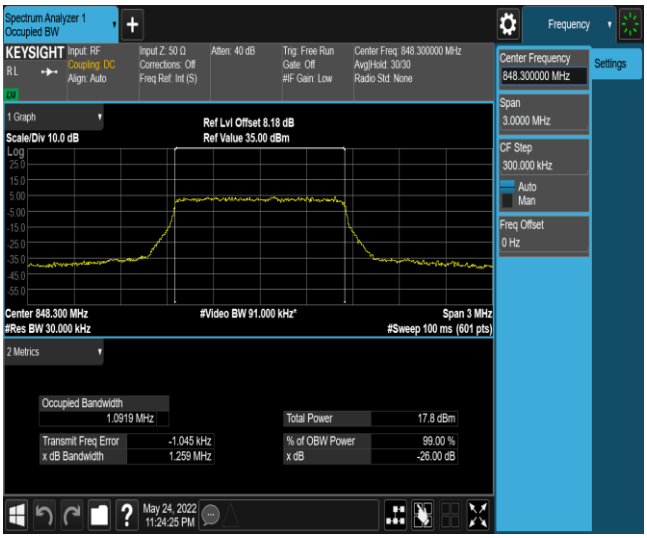

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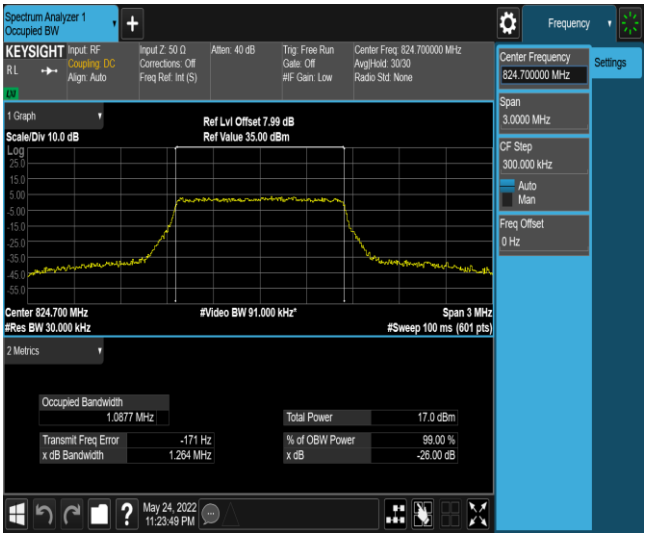

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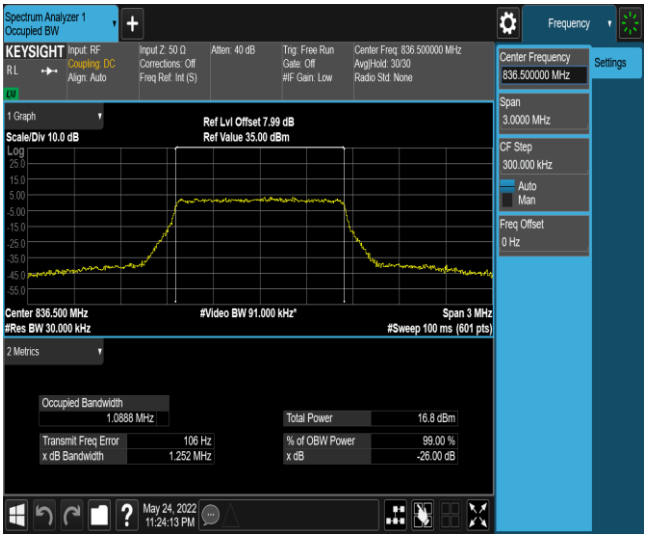

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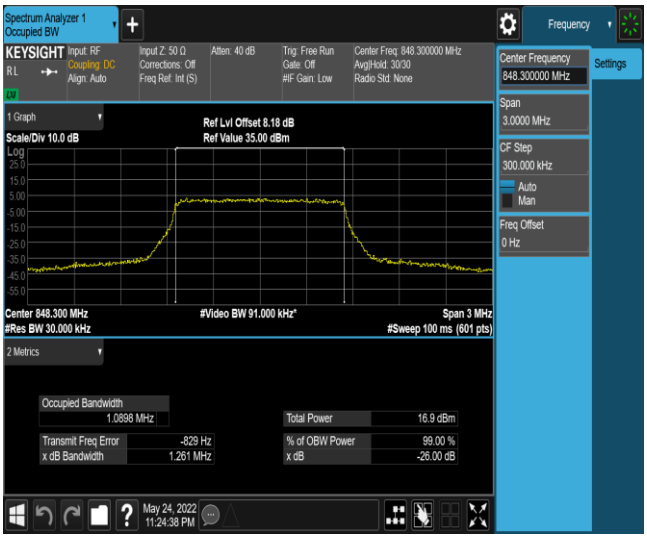

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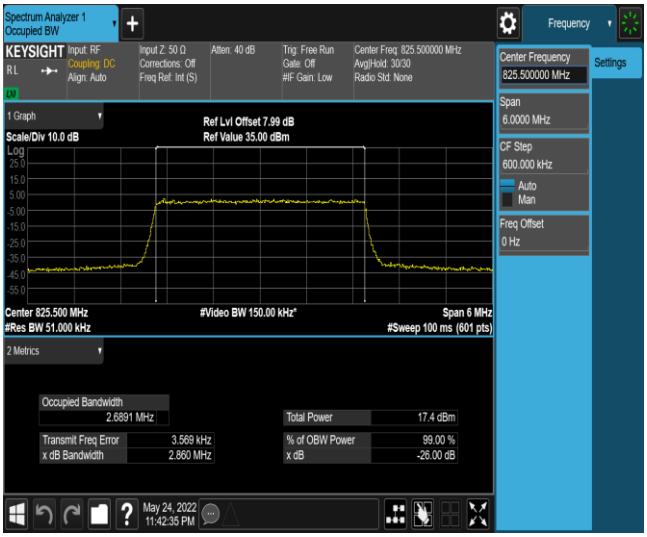
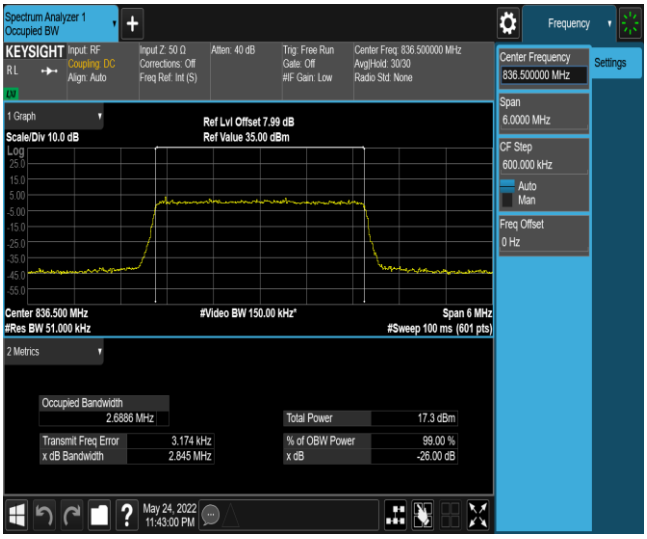


Band5-3MHz-QPSK-20415-15RB#0



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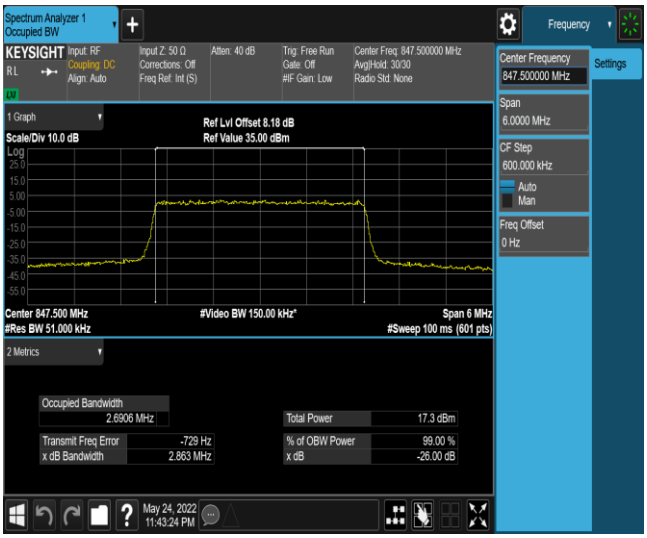

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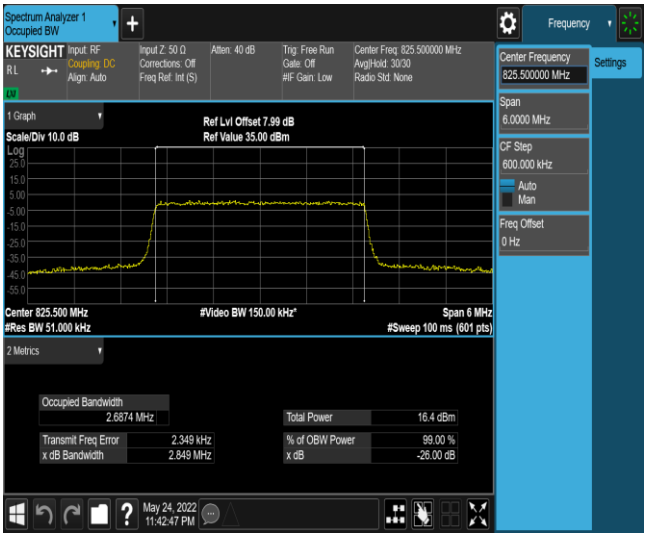

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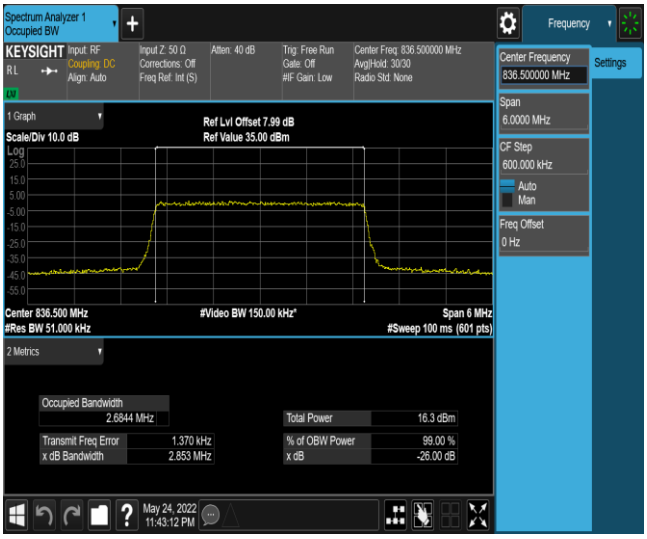

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