Appendix for Band 5

Product Name: Tablet
Model No: MDT865

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.35	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.53	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.36	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.47	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.49	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.58	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.47	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.53	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.36	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.49	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.48	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.57	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.41	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.32	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.53	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.46	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.54	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.52	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.53	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.46	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.34	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.32	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.42	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.31	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.25	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.31	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.54	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.56	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.75	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.32	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	22.24	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.56	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.31	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.25	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.61	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.54	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.69	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.59	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.36	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.54	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.68	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.61	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.65	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.61	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.56	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.41	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.52	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.56	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.48	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.49	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.37	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.46	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.53	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.55	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.56	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.43	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.41	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.42	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.53	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.66	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.67	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.68	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.59	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.56	PASS

Band5	3MHz	16QAM	20415	8RB#7	21.57	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.66	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.59	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.67	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.46	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.49	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.37	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.39	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.47	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.49	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.57	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.56	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.44	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.69	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.43	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.46	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.43	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.51	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.49	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.48	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.47	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.43	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.56	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.55	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.57	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.55	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.56	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.63	PASS

Band5	5MHz	16QAM	20425	1RB#0	22.46	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.64	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.56	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.44	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.46	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.44	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.56	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.62	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.73	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.65	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.44	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.49	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.47	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.49	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.55	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.66	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.61	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.55	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.61	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.34	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.64	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.54	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.25	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.36	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.21	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.25	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.65	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.32	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.75	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.42	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.43	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.44	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.46	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.54	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.65	PASS

Band5	10MHz	QPSK	20600	1RB#49	23.53	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.61	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.75	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.59	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.68	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.67	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.85	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.63	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.55	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.66	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.63	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.52	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.71	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.76	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.62	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.43	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.52	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.44	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.42	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.53	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.46	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.79	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.78	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.67	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.66	PASS

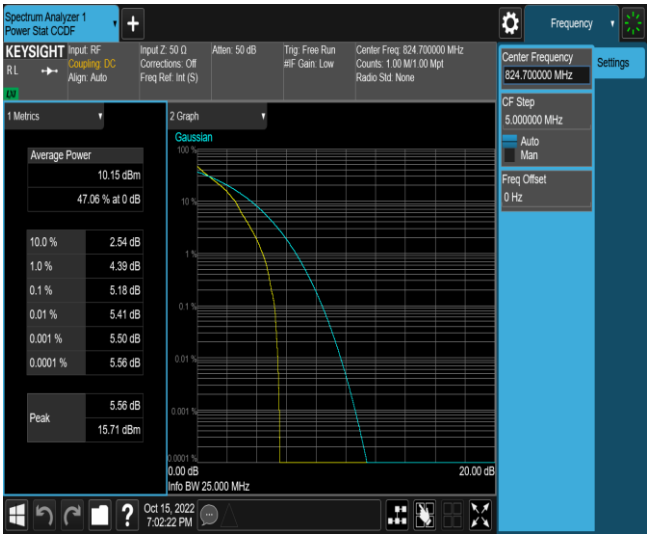
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.18	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.47	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.40	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.84	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	5.44	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.86	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.97	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.17	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.99	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.53	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	6.42	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.65	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.02	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.49	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.79	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.79	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	5.30	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.97	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.85	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.29	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	6.51	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.52	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.94	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.74	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.94	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.71	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	6.24	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.87	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.28	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.97	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.50	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.38	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	6.65	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.47	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.87	13	PASS

Band5	5MHz	16QAM	20625	25RB#0	6.70	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.99	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.96	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.90	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.75	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.78	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.79	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.91	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.68	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	6.99	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.44	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.46	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.52	13	PASS

Test Graphs

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

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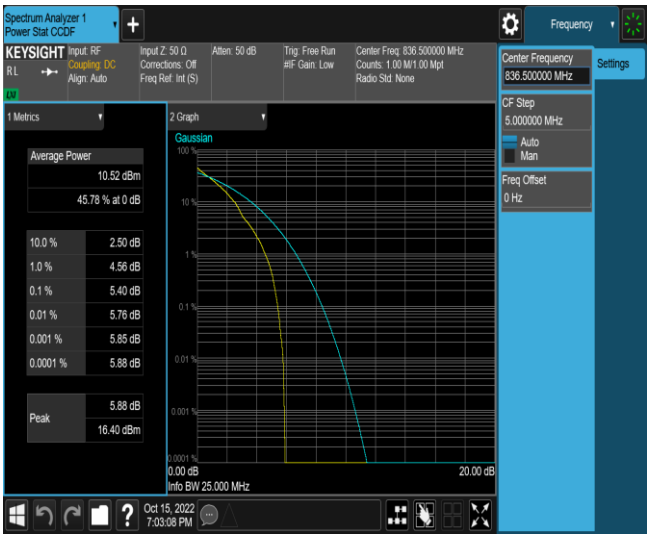
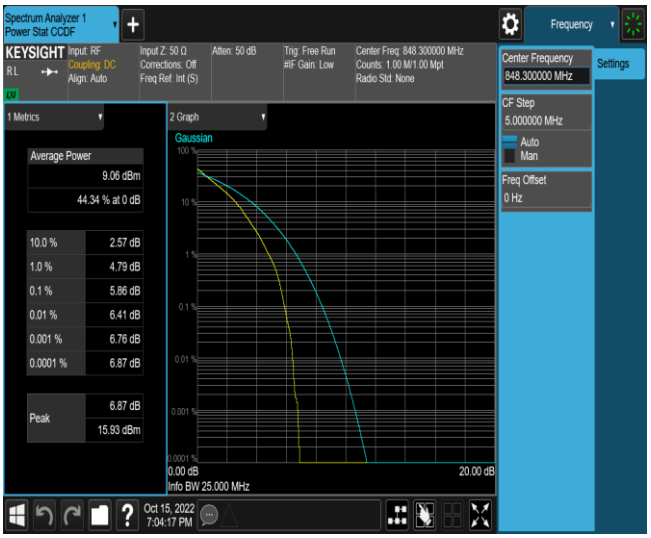
Band5-1.4MHz-QPSK-20525-1RB#0



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

Band5-1.4MHz-QPSK-20643-1RB#0

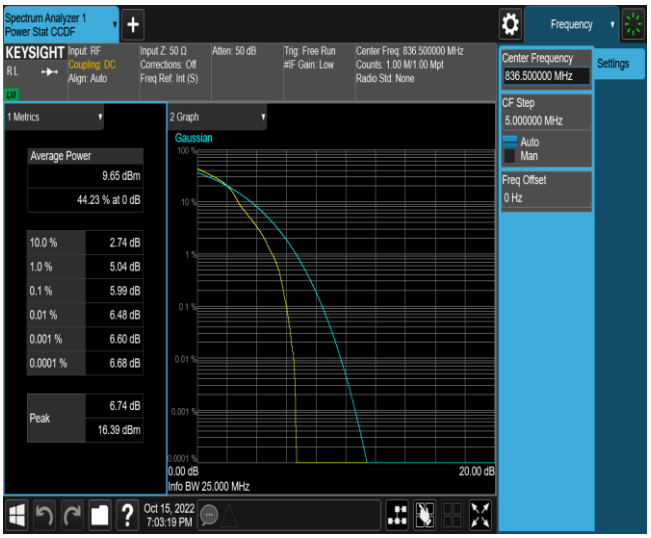
Band5-1.4MHz-QPSK-20643-6RB#0



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

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

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



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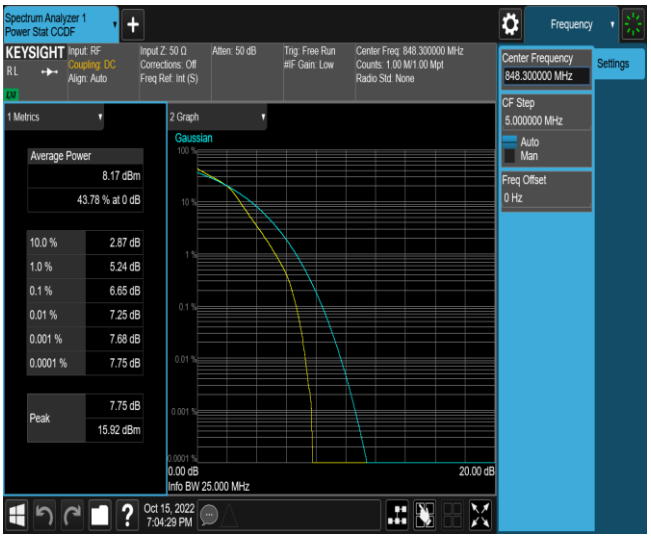
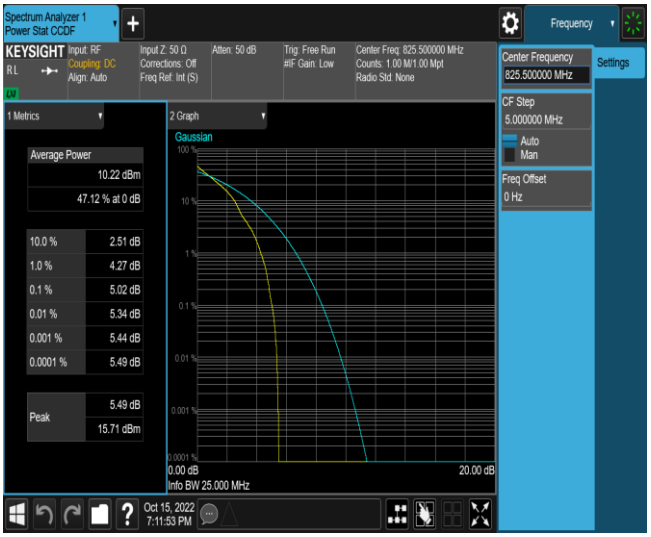
Band5-1.4MHz-16QAM-20643-1RB#0

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

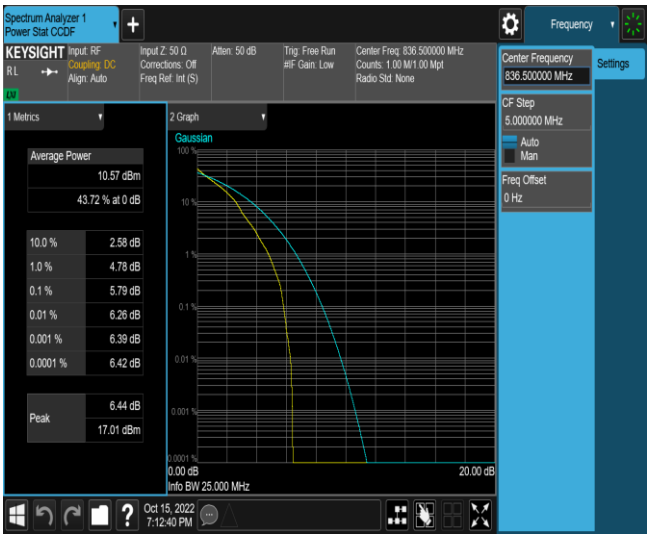


Band5-3MHz-QPSK-20415-1RB#0



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

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



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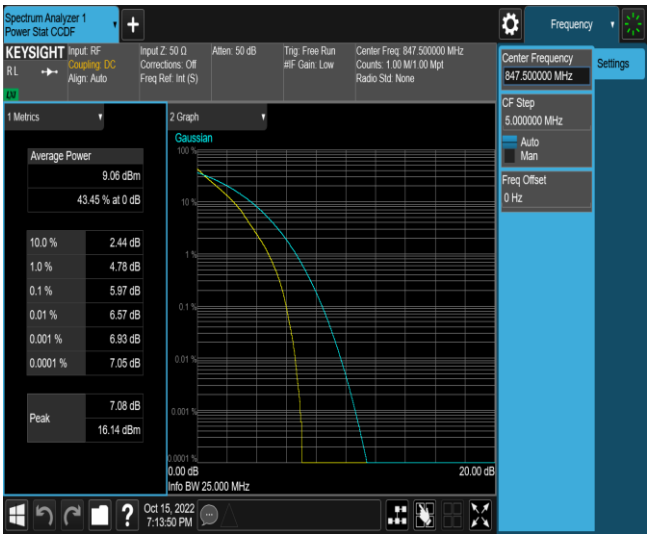
Band5-3MHz-QPSK-20635-1RB#0

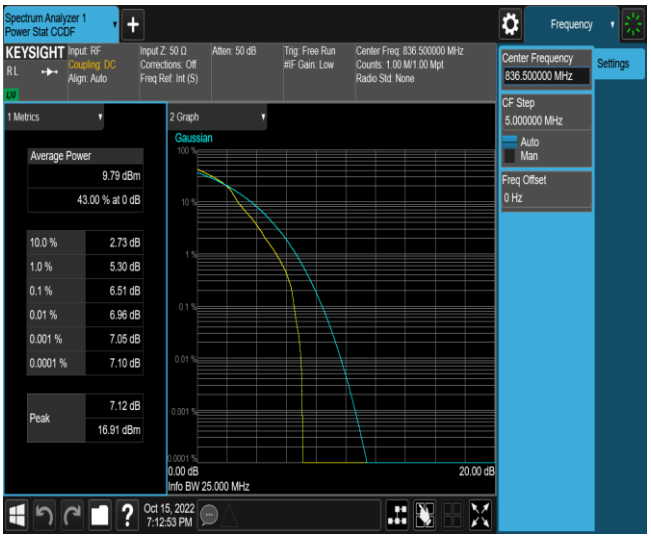
Band5-3MHz-QPSK-20635-15RB#0



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

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

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



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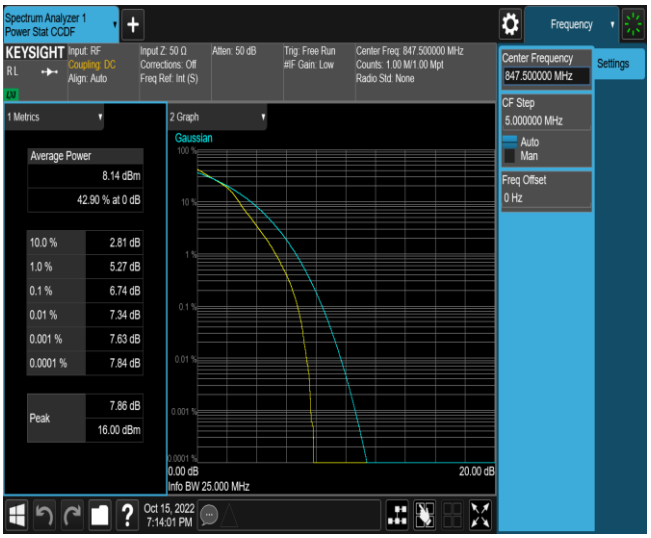
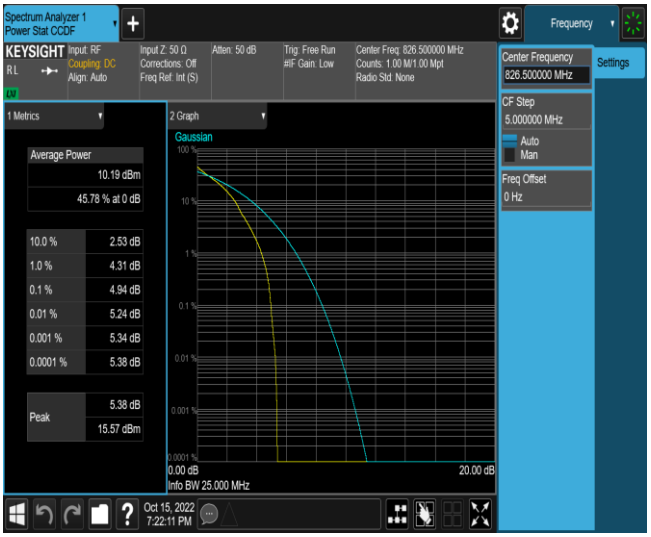
Band5-3MHz-16QAM-20635-1RB#0

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



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



Band5-5MHz-QPSK-20425-25RB#0

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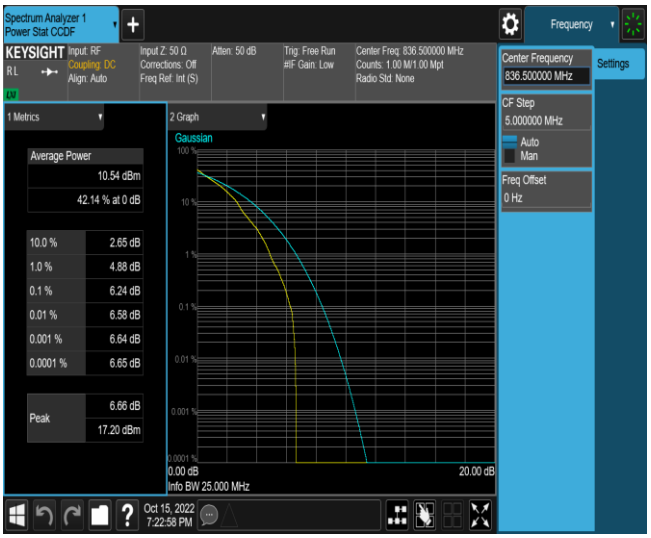


Band5-5MHz-QPSK-20525-25RB#0

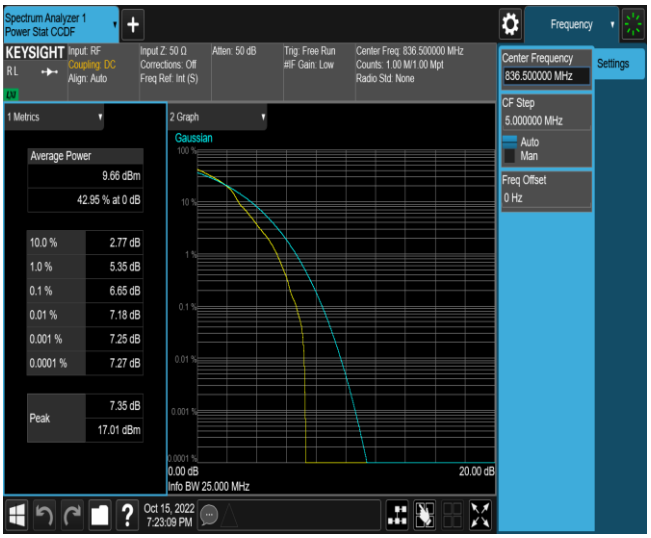
Band5-5MHz-QPSK-20625-1RB#0

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

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

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

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



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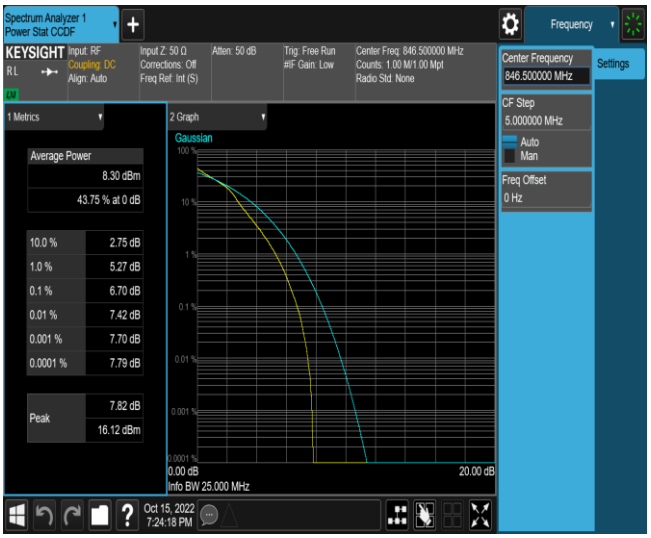

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Band5-10MHz-QPSK-20450-50RB#0

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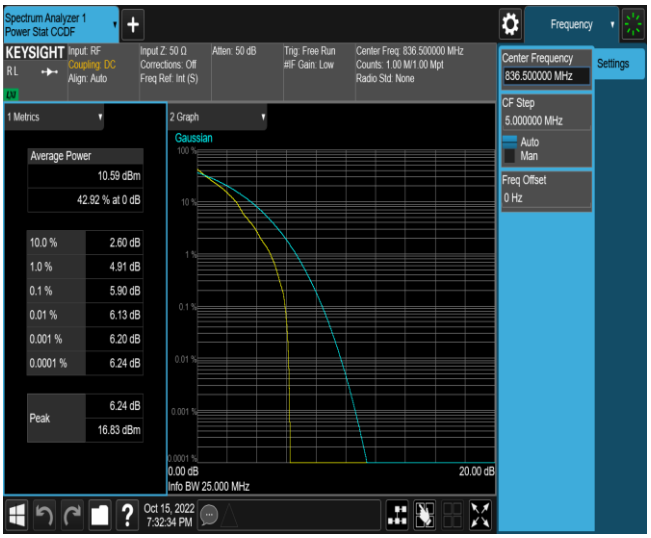

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Band5-10MHz-QPSK-20600-1RB#0

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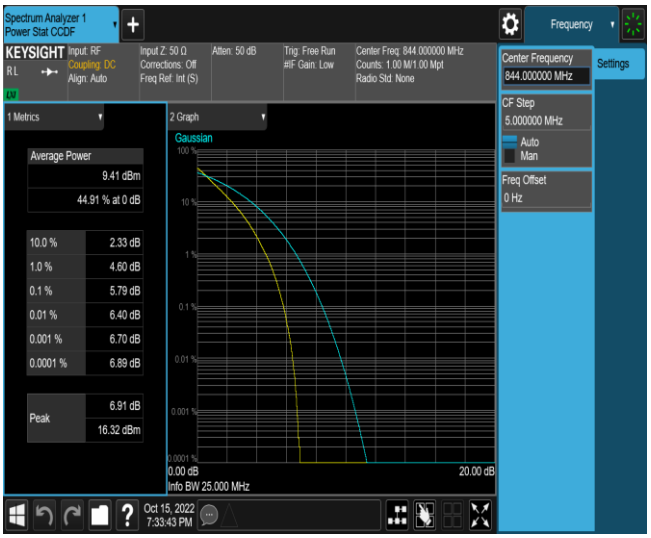

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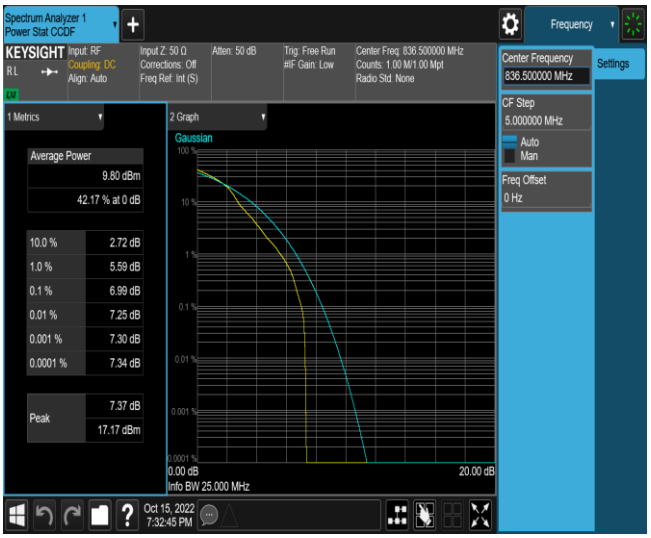

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Band5-10MHz-16QAM-20600-1RB#0

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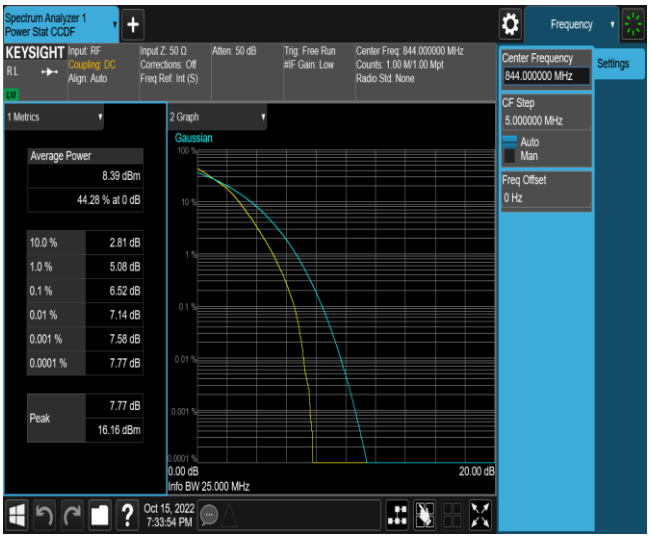
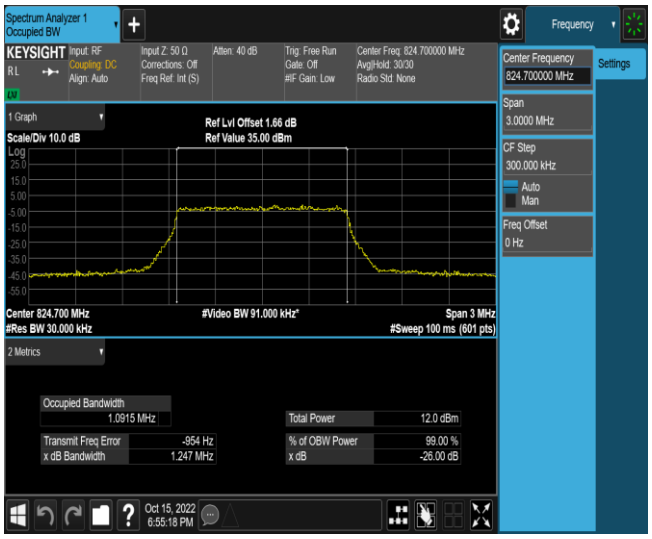
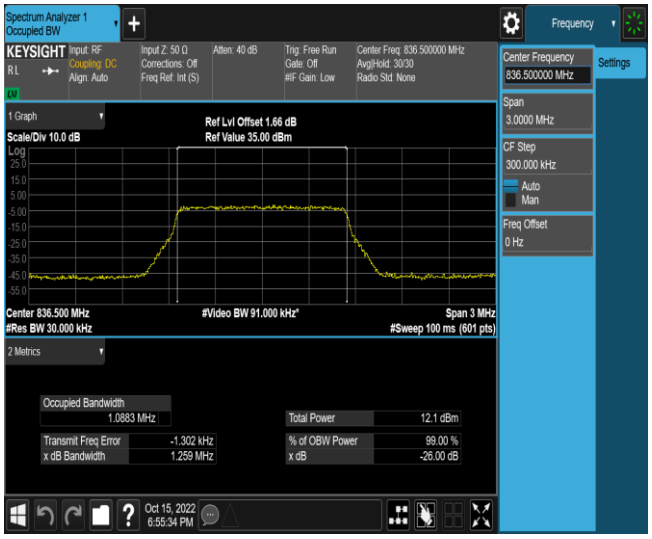

Spectrum Analyzer 1
Power Stat CCDF
Frequency
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
Atten: 50 dB
Trig: Free Run
#IF Gain: Low
Center Freq: 844.000000 MHz
Counts: 1.00 M/1.00 Mpt
Radio Std: None
Center Frequency
844.000000 MHz
Settings
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Metrics
Average Power
8.39 dBm
44.28 % at 0 dB
10.0 % 2.81 dB
1.0 % 5.08 dB
0.1 % 6.52 dB
0.01 % 7.14 dB
0.001 % 7.58 dB
0.0001 % 7.77 dB
Peak
7.77 dB
16.16 dBm
2 Graph
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
20.00 dB
Info BW 25.000 MHz
Oct 15, 2022
7:33:54 PM

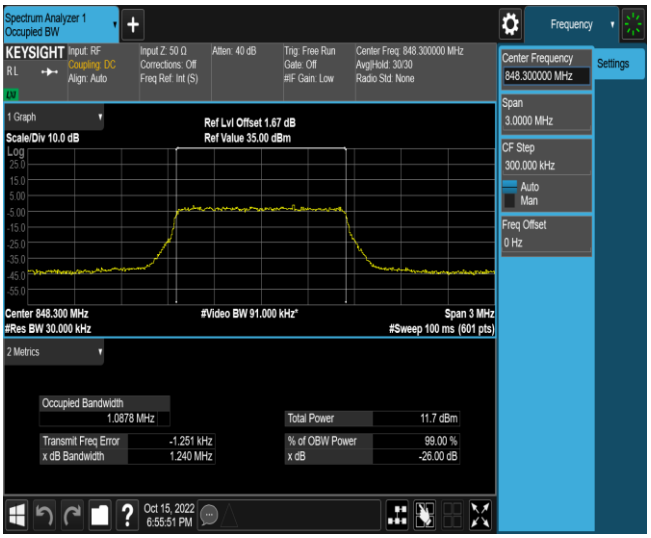
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0915	1.247	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0883	1.259	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0878	1.240	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0908	1.254	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0857	1.233	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0899	1.265	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6896	2.846	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6886	2.859	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6948	2.854	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6883	2.841	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6856	2.855	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6931	2.845	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4996	4.837	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4967	4.792	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5093	4.804	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5001	4.796	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4939	4.836	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5084	4.799	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9939	9.562	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9690	9.499	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9888	9.516	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9869	9.495	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9612	9.492	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9866	9.512	PASS

Test Graphs

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

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

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



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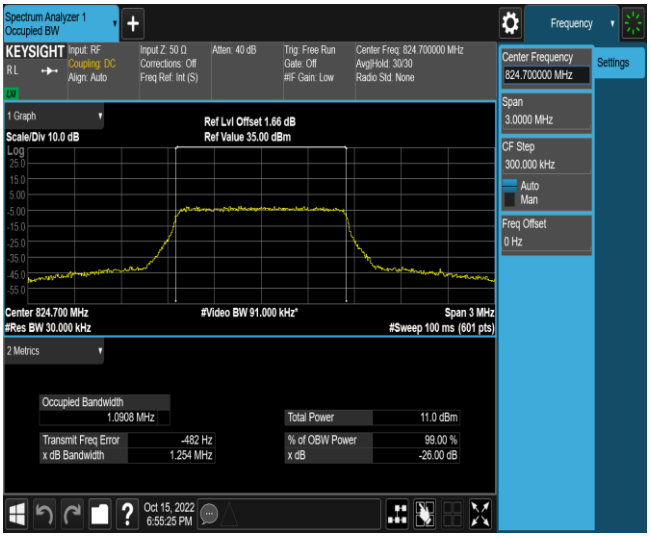

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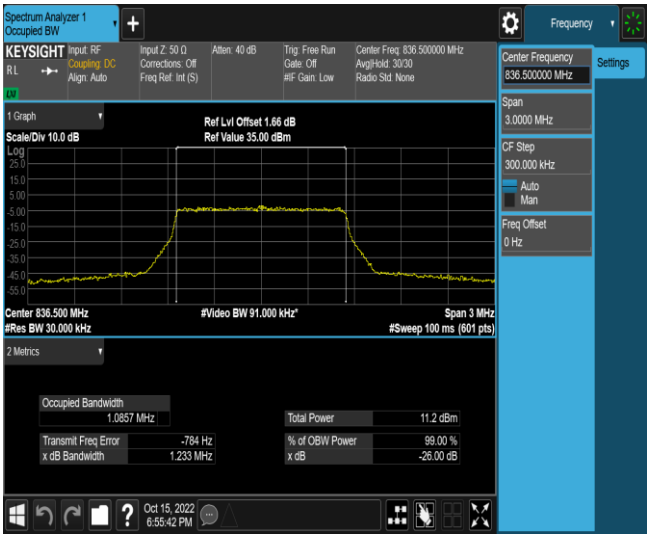
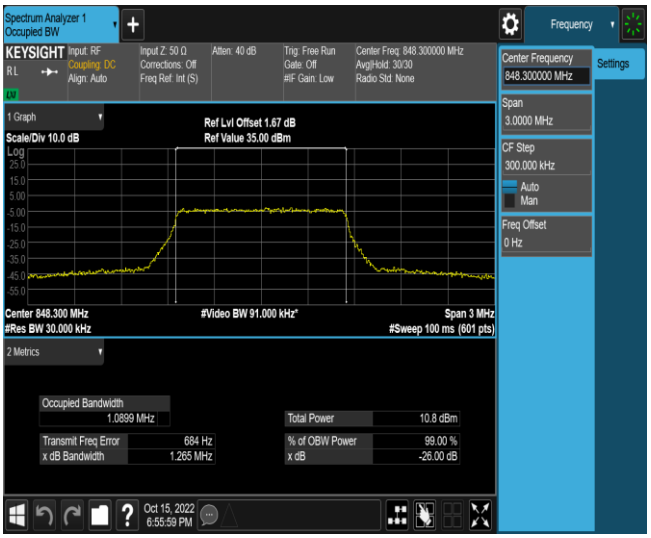
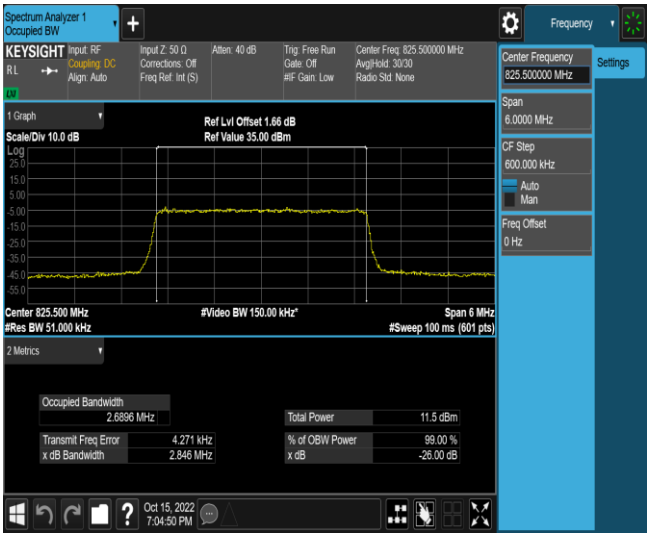


Band5-1.4MHz-16QAM-20643-6RB#0



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



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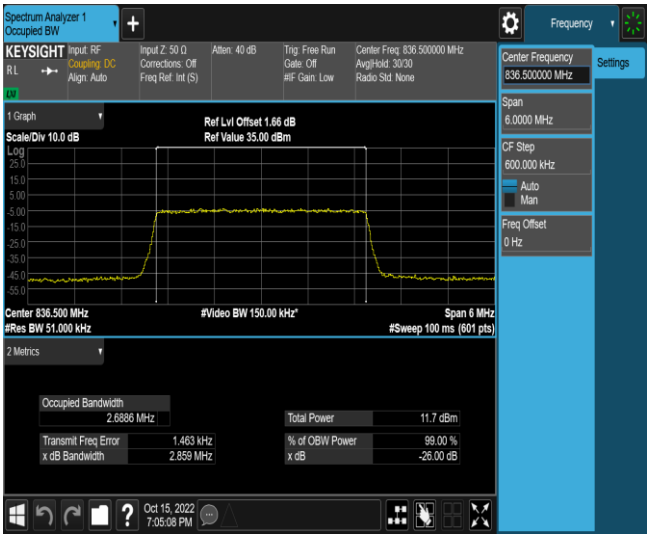

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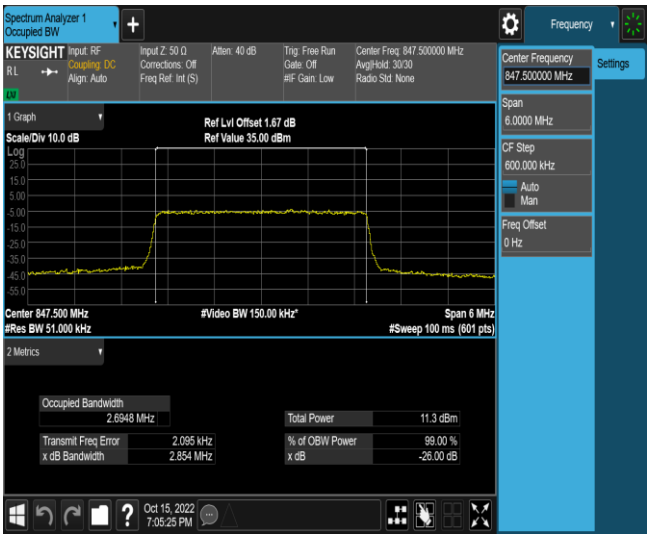

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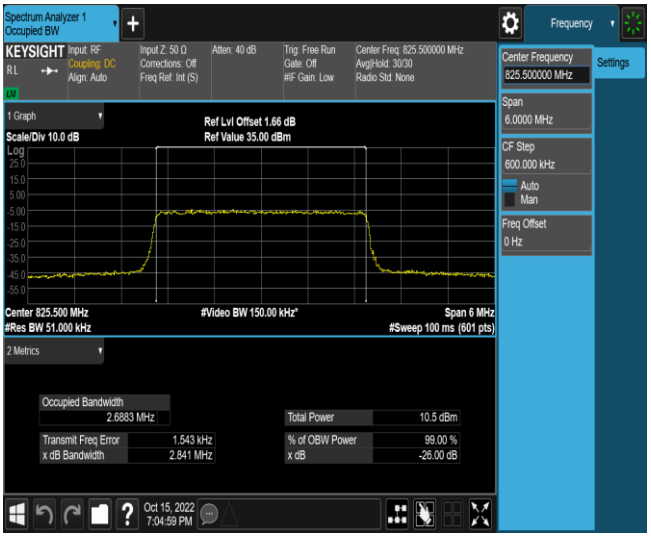

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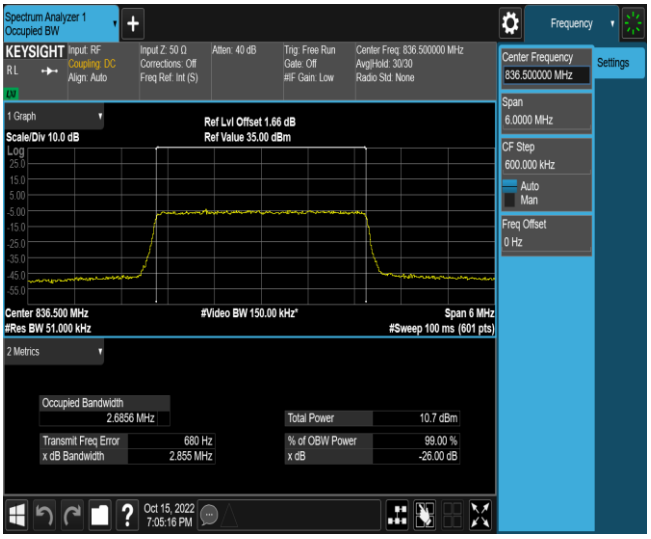

Band5-3MHz-16QAM-20635-15RB#0