Appendix for Band 17

Product Name: Tablet
Model No: MDT1065

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.48	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.59	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.46	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.66	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.63	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.68	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.64	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.46	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.63	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.43	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.53	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.56	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.61	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.60	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.50	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.59	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.42	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.56	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.55	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.45	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.54	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.58	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.66	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.57	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.62	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.62	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.59	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.65	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.80	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.85	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.70	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.57	PASS

Band17	5MHz	16QAM	23790	12RB#6	21.57	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.60	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.62	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.52	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.60	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.51	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.56	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.57	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.46	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.53	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.52	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.58	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.43	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.63	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.67	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.66	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.62	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.54	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.48	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.42	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.59	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.58	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.55	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.50	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.54	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.79	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.42	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.55	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.57	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.45	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.47	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.78	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.90	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.65	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.61	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.63	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.58	PASS

Band17	10MHz	16QAM	23780	50RB#0	21.59	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.74	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.76	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.65	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.58	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.57	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.52	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.60	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.53	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.53	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.42	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.59	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.57	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.46	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.50	PASS

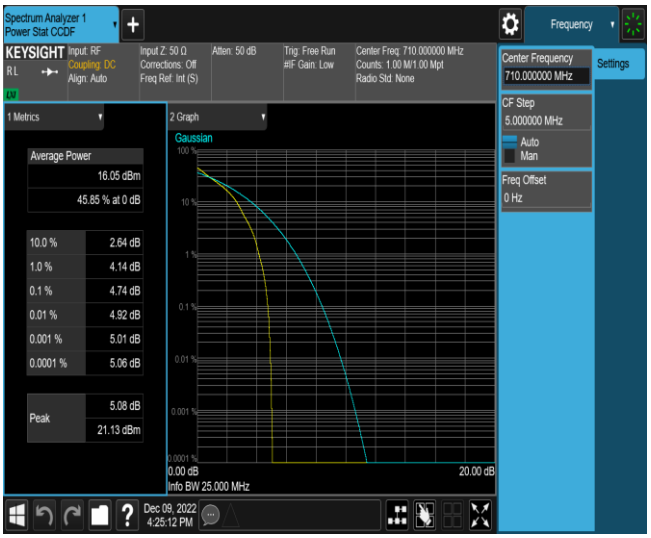
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	4.82	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.21	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	4.74	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.52	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	4.80	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.18	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.47	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	5.95	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.32	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	5.98	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.49	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.11	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	4.75	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.43	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	4.59	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.44	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.37	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.53	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.61	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.33	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.46	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.34	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.13	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.08	13	PASS

Test Graphs

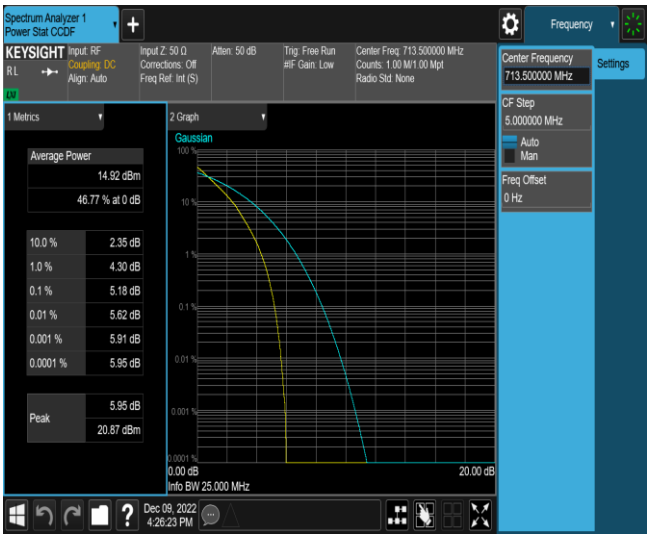
Band17-5MHz-QPSK-23755-1RB#0
Band17-5MHz-QPSK-23755-25RB#0
Band17-5MHz-QPSK-23790-1RB#0



Band17-5MHz-QPSK-23790-25RB#0

Band17-5MHz-QPSK-23825-1RB#0

Band17-5MHz-QPSK-23825-25RB#0



Band17-5MHz-16QAM-23755-1RB#0

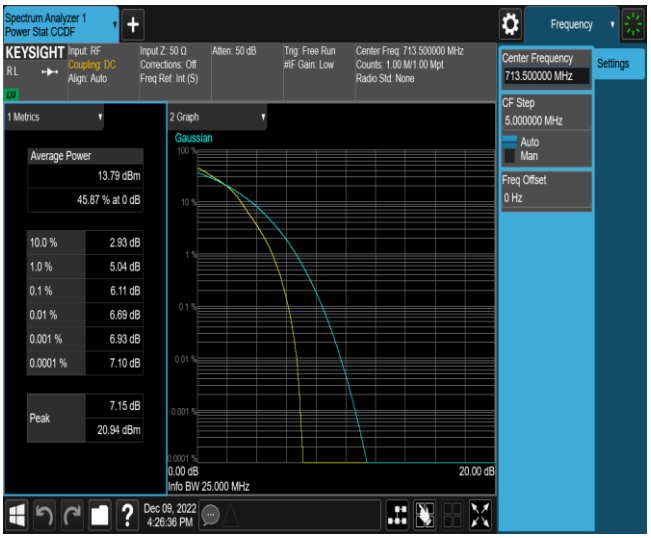
Band17-5MHz-16QAM-23755-25RB#0

Band17-5MHz-16QAM-23790-1RB#0

Band17-5MHz-16QAM-23790-25RB#0

Band17-5MHz-16QAM-23825-1RB#0

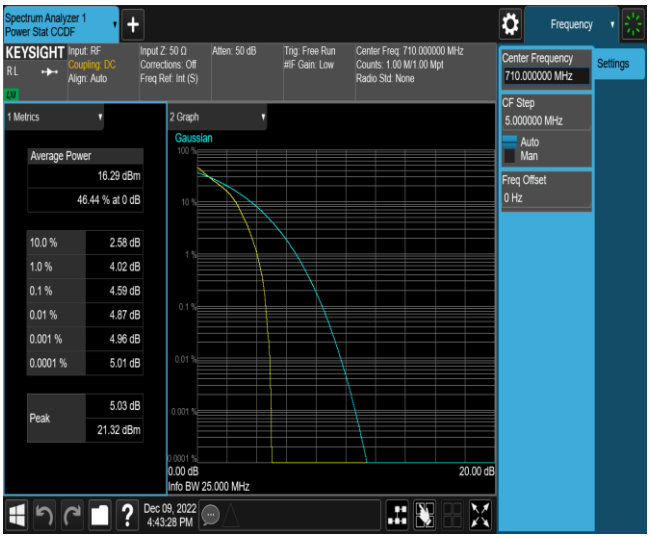
Band17-5MHz-16QAM-23825-25RB#0



Band17-10MHz-QPSK-23780-1RB#0

Band17-10MHz-QPSK-23780-50RB#0

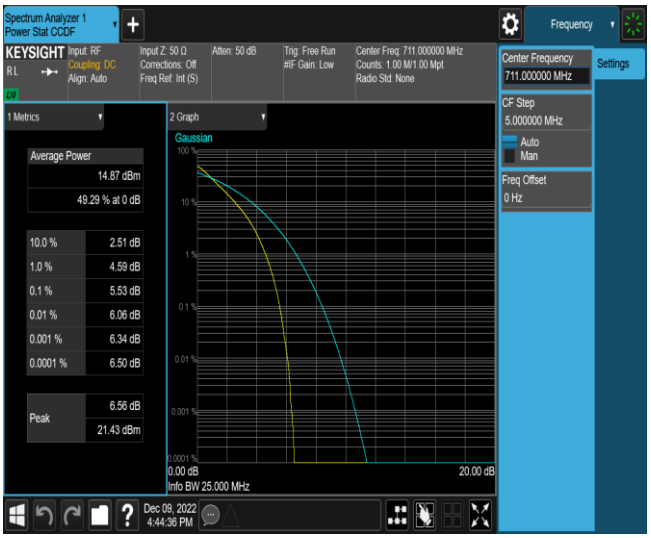
Band17-10MHz-QPSK-23790-1RB#0



Band17-10MHz-QPSK-23790-50RB#0

Band17-10MHz-QPSK-23800-1RB#0

Band17-10MHz-QPSK-23800-50RB#0



Band17-10MHz-16QAM-23780-1RB#0

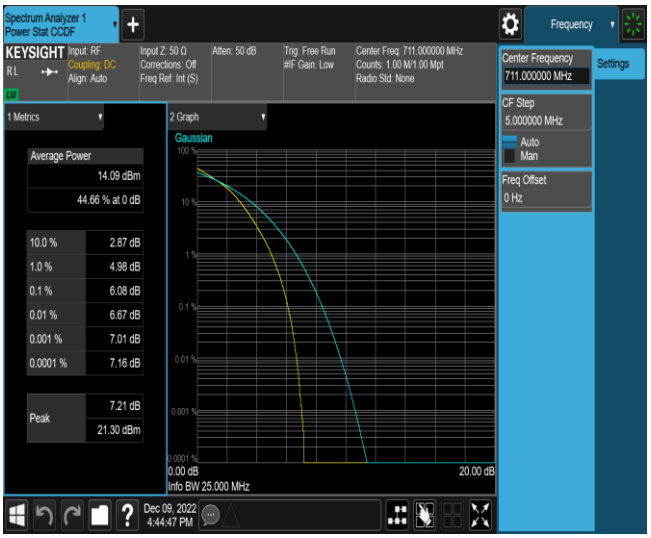
Band17-10MHz-16QAM-23780-50RB#0

Band17-10MHz-16QAM-23790-1RB#0

Band17-10MHz-16QAM-23790-50RB#0

Band17-10MHz-16QAM-23800-1RB#0

Band17-10MHz-16QAM-23800-50RB#0

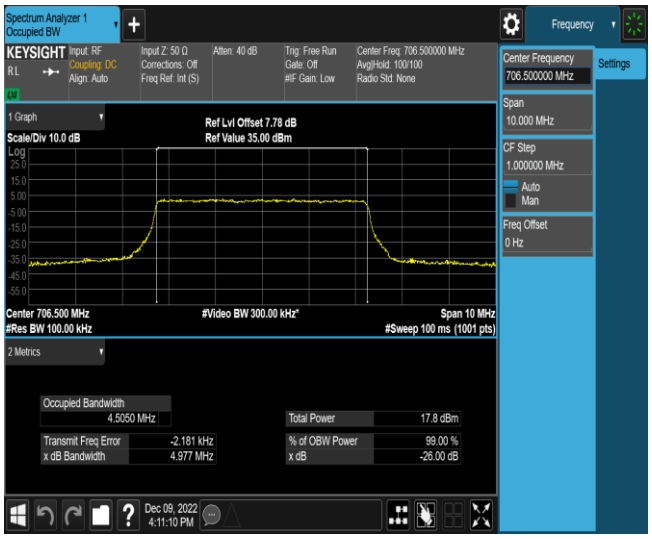
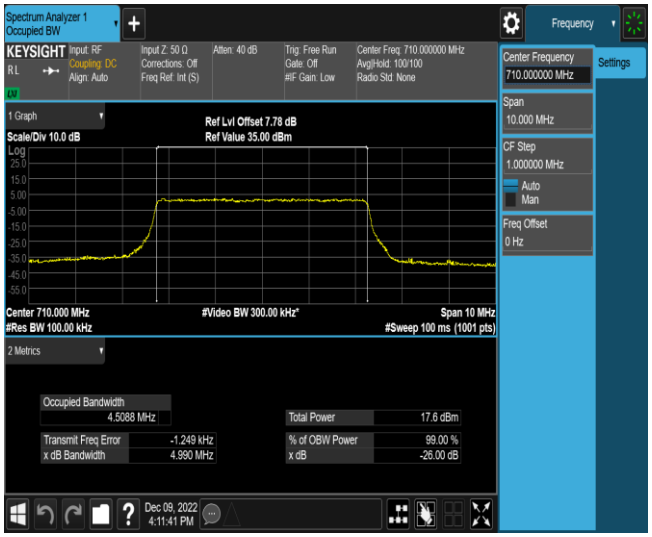

Spectrum Analyzer 1
Power Stat CCDF
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
Atten: 50 dB
Trig: Free Run
#IF Gain: Low
Center Freq: 711.000000 MHz
Counts: 1.00 M/1.00 Mpt
Radio Std: None
Frequency
Center Frequency
711.000000 MHz
Settings
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Metrics
Average Power
14.09 dBm
44.66 % at 0 dB
10.0 % 2.87 dB
1.0 % 4.98 dB
0.1 % 6.08 dB
0.01 % 6.67 dB
0.001 % 7.01 dB
0.0001 % 7.16 dB
Peak
7.21 dB
21.30 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
Dec 09, 2022
4:44:47 PM

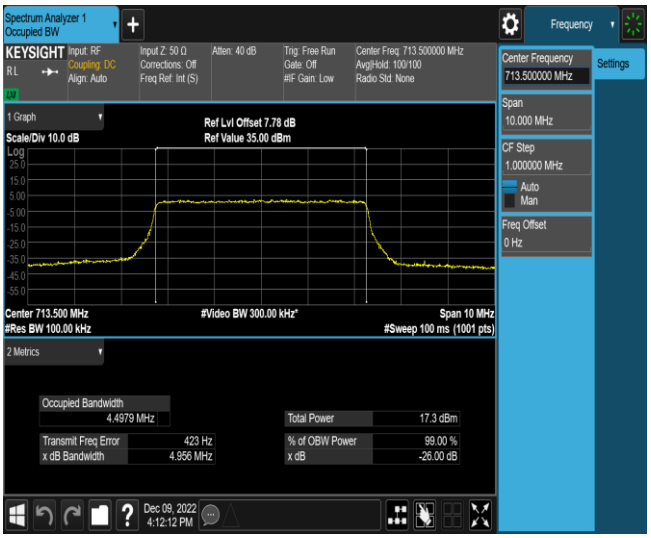
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

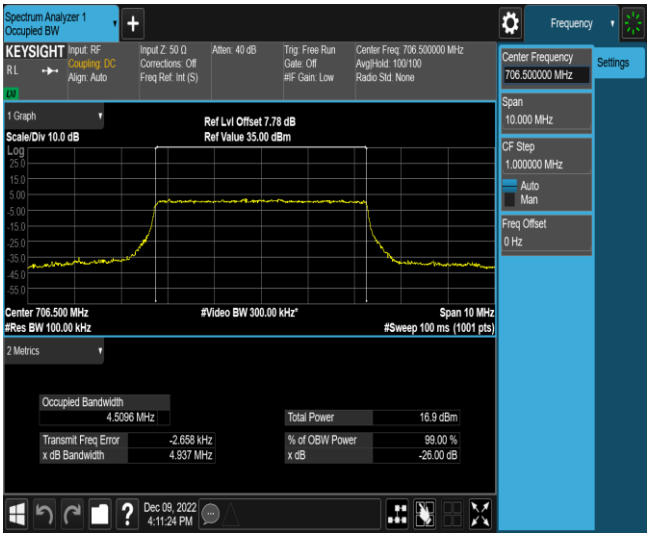
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5050	4.977	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5088	4.990	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.4979	4.956	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5096	4.937	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5067	4.972	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5028	4.998	PASS
Band17	10MHz	QPSK	23780	50RB#0	9.0022	9.628	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9970	9.594	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9898	9.606	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9787	9.577	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9786	9.594	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9883	9.612	PASS

Test Graphs

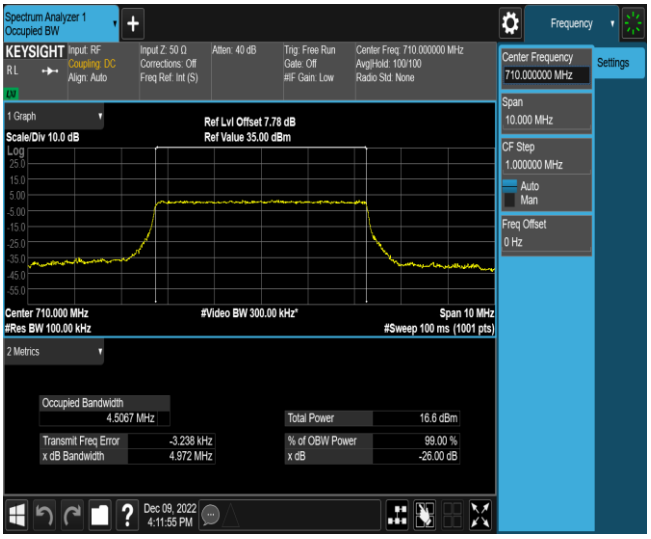
Band17-5MHz-QPSK-23755-25RB#0

Band17-5MHz-QPSK-23790-25RB#0

Band17-5MHz-QPSK-23825-25RB#0



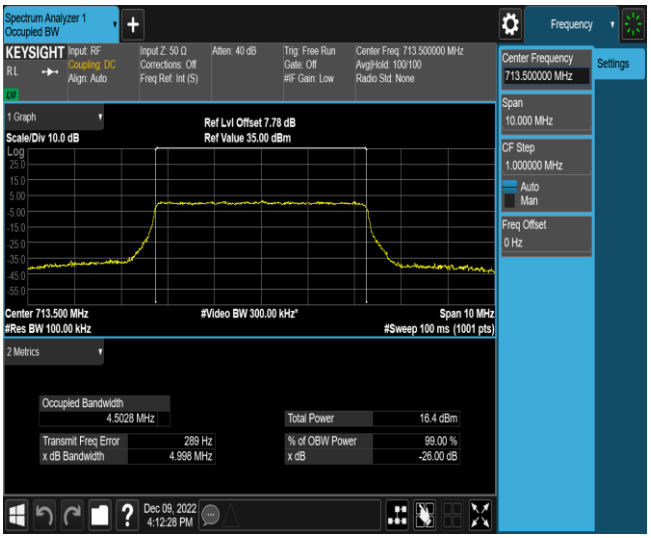
Band17-5MHz-16QAM-23755-25RB#0



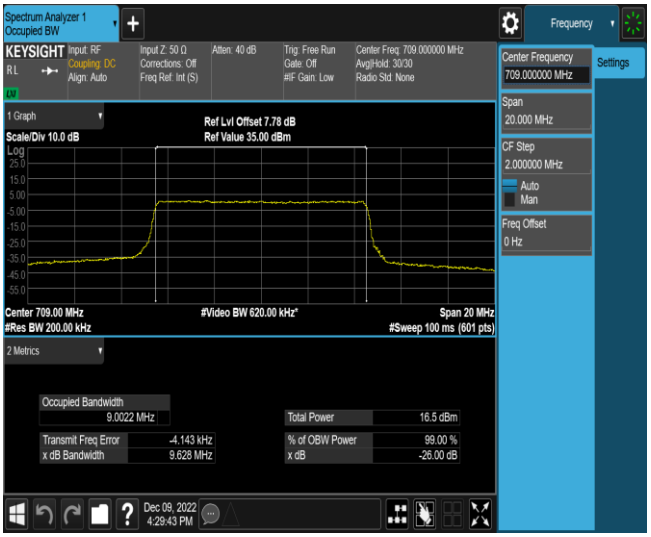
Band17-5MHz-16QAM-23790-25RB#0



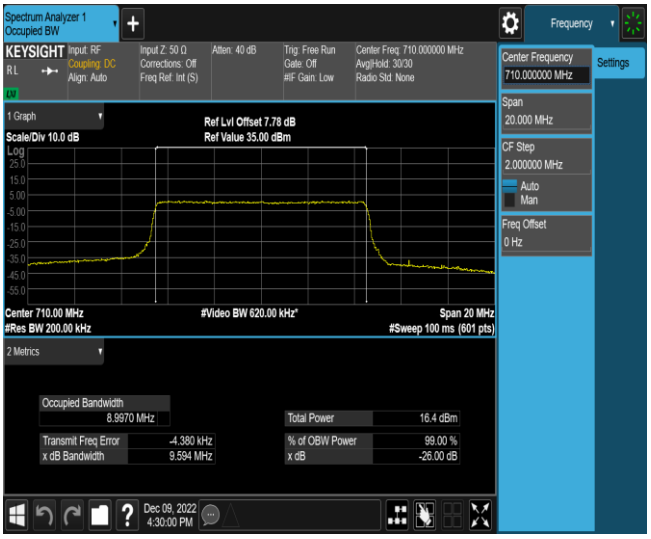
Band17-5MHz-16QAM-23825-25RB#0



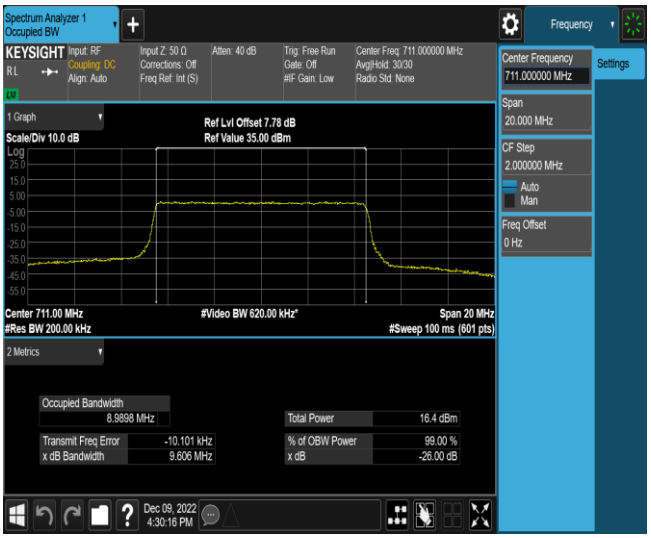
Band17-10MHz-QPSK-23780-50RB#0



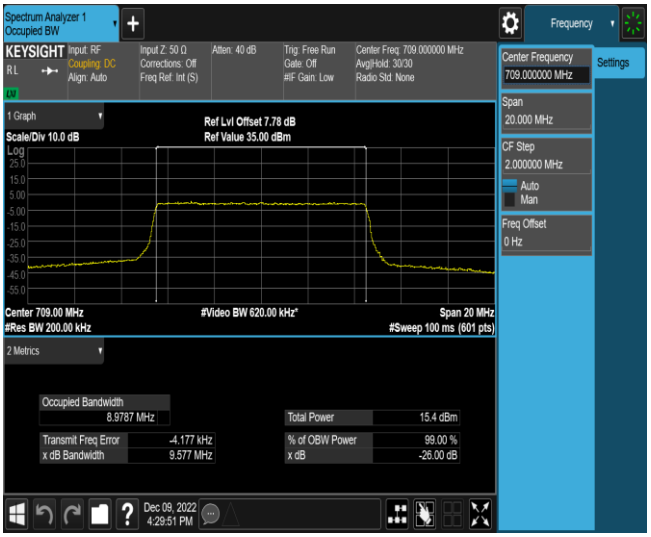
Band17-10MHz-QPSK-23790-50RB#0



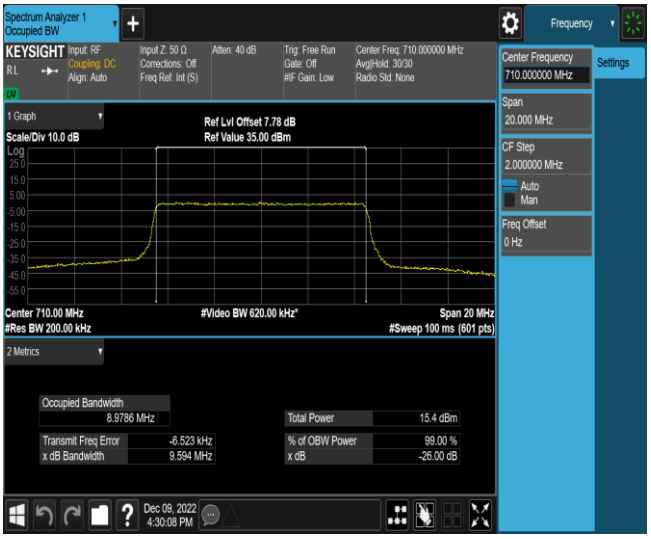
Band17-10MHz-QPSK-23800-50RB#0



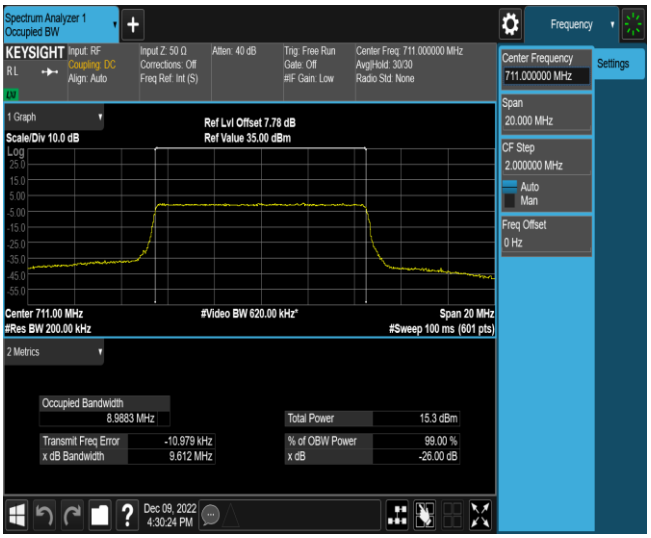
Band17-10MHz-16QAM-23780-50RB#0



Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-50RB#0

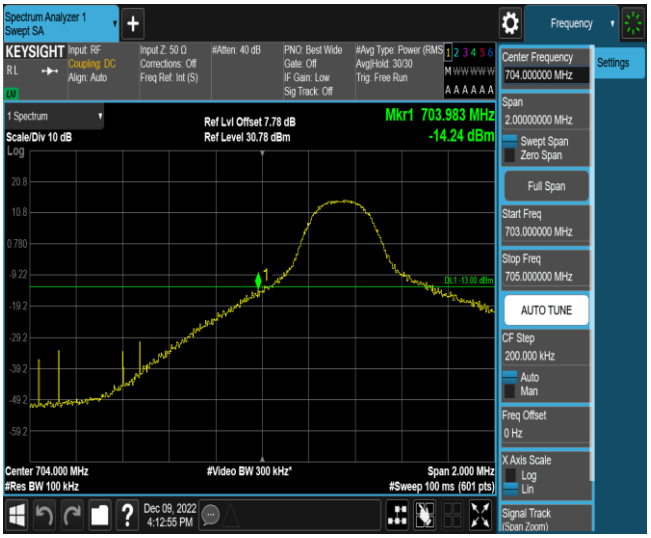
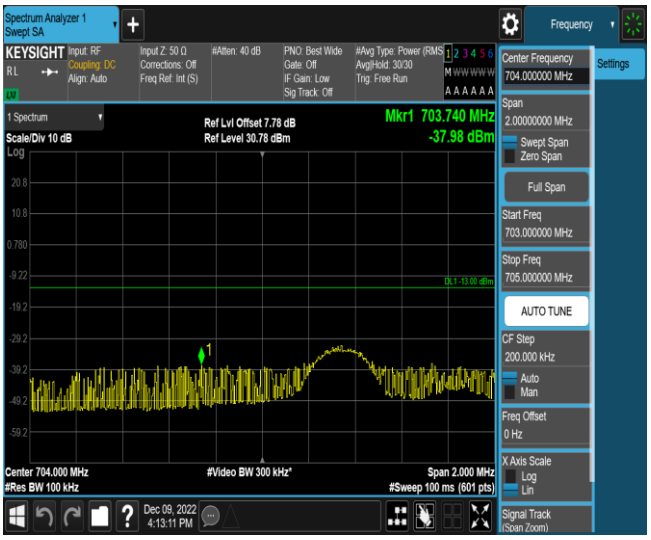

Spectrum Analyzer 1
Occupied BW
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
Atten: 40 dB
Trig: Free Run
Gate: Off
#IF Gain: Low
Center Freq: 711.000000 MHz
Avg|Hold: 30/30
Radio Std: None
Frequency
Settings
Center Frequency
711.000000 MHz
Span
20.000 MHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Graph
Ref Lvl Offset 7.78 dB
Ref Value 35.00 dBm
Scale/Div 10.0 dB
Log
Center 711.00 MHz
#Res BW 200.00 kHz
#Video BW 620.00 kHz*
Span 20 MHz
#Sweep 100 ms (601 pts)
2 Metrics
Occupied Bandwidth
8.9883 MHz
Total Power
15.3 dBm
Transmit Freq Error
-10.979 kHz
x dB Bandwidth
9.612 MHz
% of OBW Power
99.00 %
x dB
-26.00 dB
Dec 09, 2022
4:30:24 PM

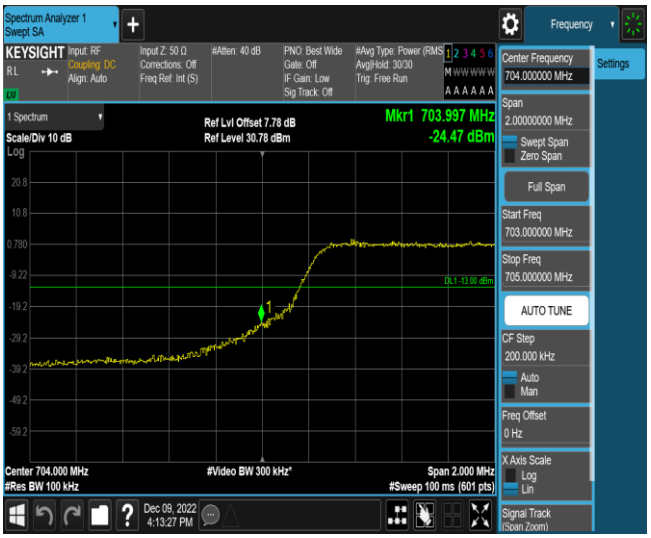
Appendix D: Band Edge

Test Result

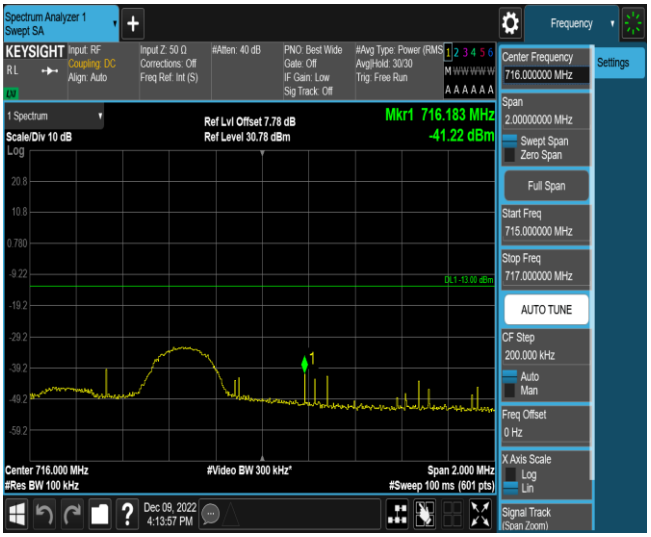
Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band17	5MHz	QPSK	23755	1RB#0	PASS
Band17	5MHz	QPSK	23755	1RB#24	PASS
Band17	5MHz	QPSK	23755	25RB#0	PASS
Band17	5MHz	QPSK	23825	1RB#0	PASS
Band17	5MHz	QPSK	23825	1RB#24	PASS
Band17	5MHz	QPSK	23825	25RB#0	PASS
Band17	5MHz	16QAM	23755	1RB#0	PASS
Band17	5MHz	16QAM	23755	1RB#24	PASS
Band17	5MHz	16QAM	23755	25RB#0	PASS
Band17	5MHz	16QAM	23825	1RB#0	PASS
Band17	5MHz	16QAM	23825	1RB#24	PASS
Band17	5MHz	16QAM	23825	25RB#0	PASS
Band17	10MHz	QPSK	23780	1RB#0	PASS
Band17	10MHz	QPSK	23780	1RB#49	PASS
Band17	10MHz	QPSK	23780	50RB#0	PASS
Band17	10MHz	QPSK	23800	1RB#0	PASS
Band17	10MHz	QPSK	23800	1RB#49	PASS
Band17	10MHz	QPSK	23800	50RB#0	PASS
Band17	10MHz	16QAM	23780	1RB#0	PASS
Band17	10MHz	16QAM	23780	1RB#49	PASS
Band17	10MHz	16QAM	23780	50RB#0	PASS
Band17	10MHz	16QAM	23800	1RB#0	PASS
Band17	10MHz	16QAM	23800	1RB#49	PASS
Band17	10MHz	16QAM	23800	50RB#0	PASS

Test Graphs

Band17-5MHz-QPSK-23755-1RB#0

Band17-5MHz-QPSK-23755-1RB#24

Band17-5MHz-QPSK-23755-25RB#0



Band17-5MHz-QPSK-23825-1RB#0



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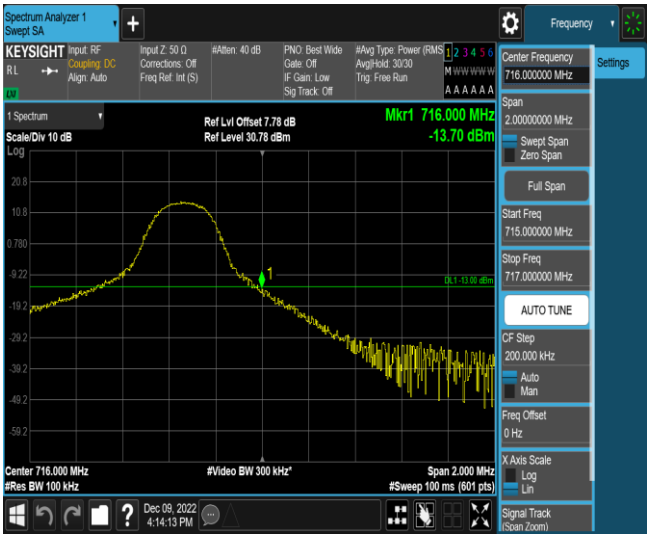

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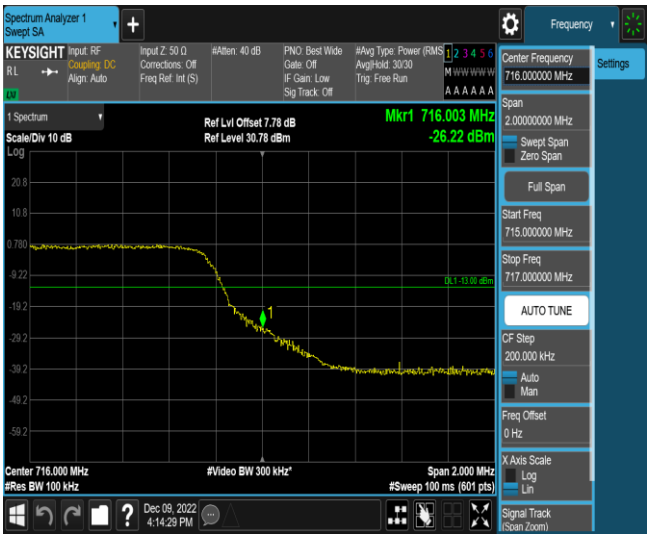

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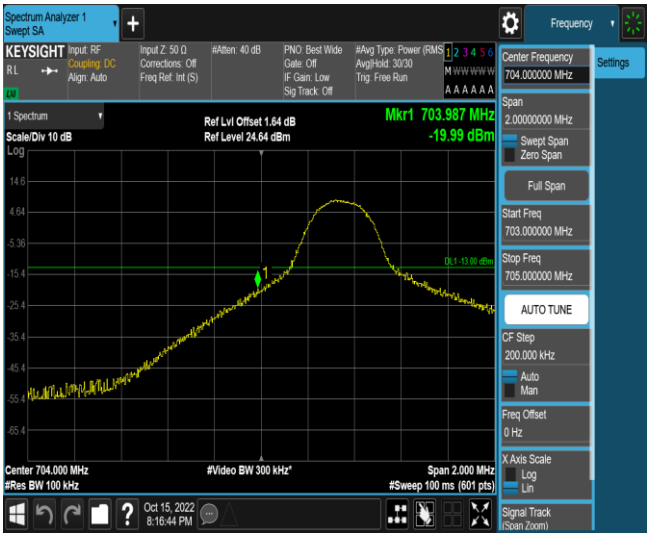

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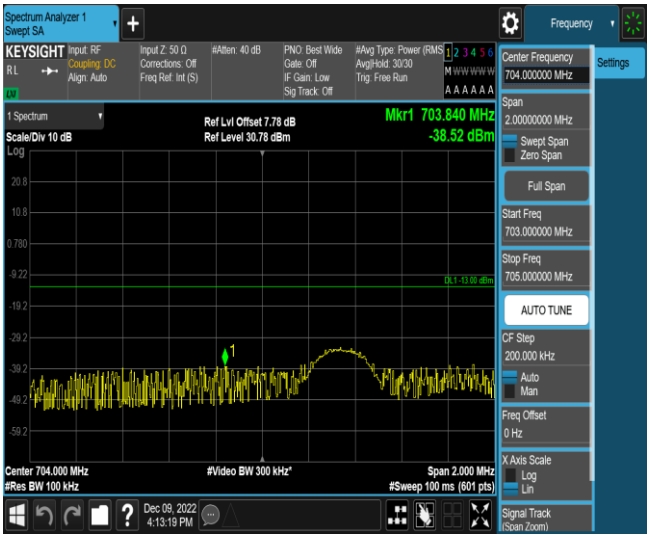

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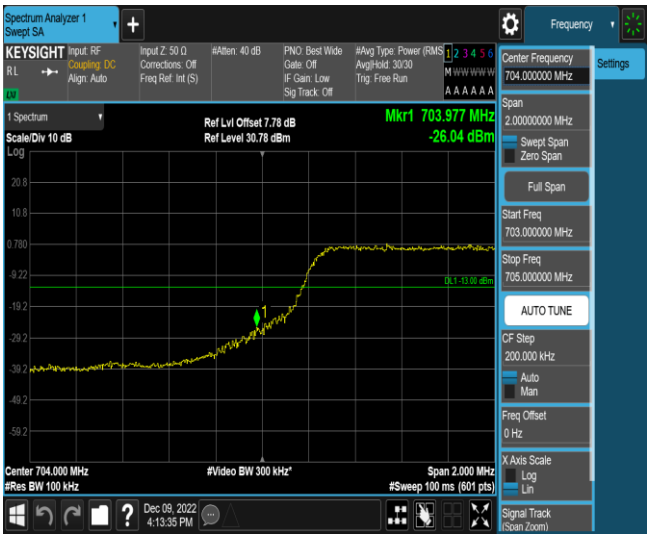

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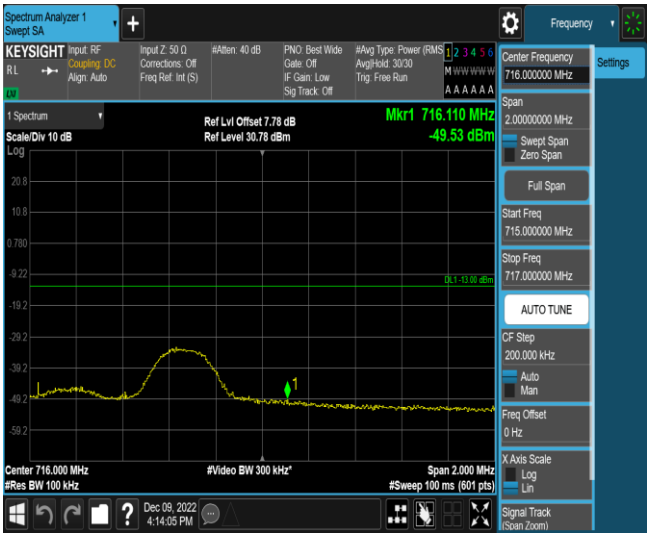
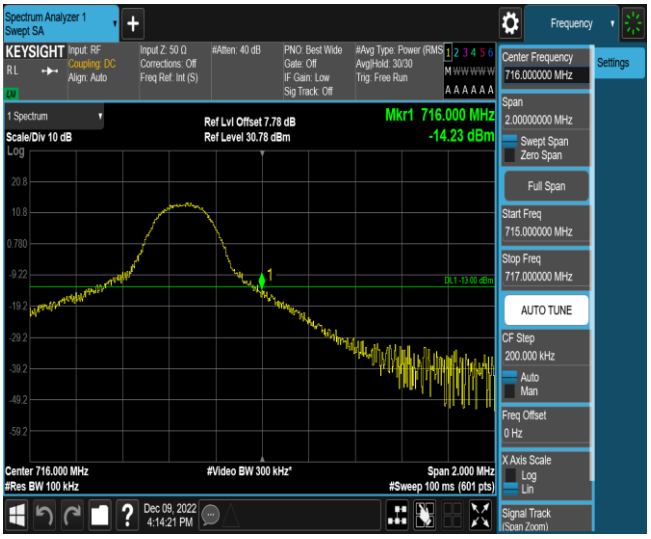


Band17-5MHz-16QAM-23825-1RB#24



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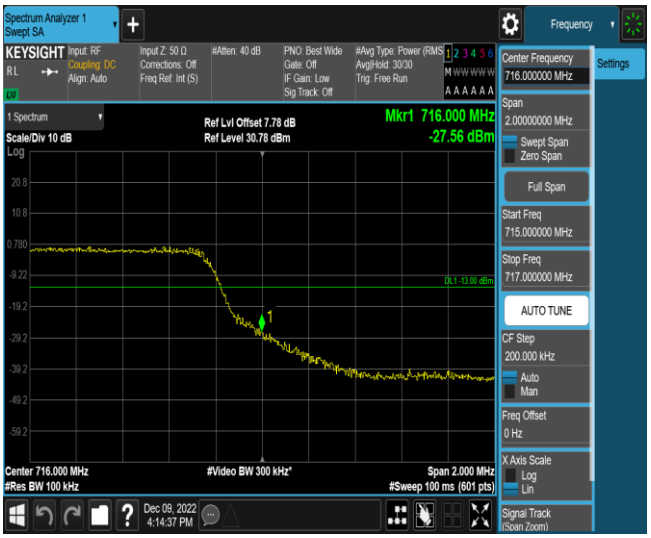
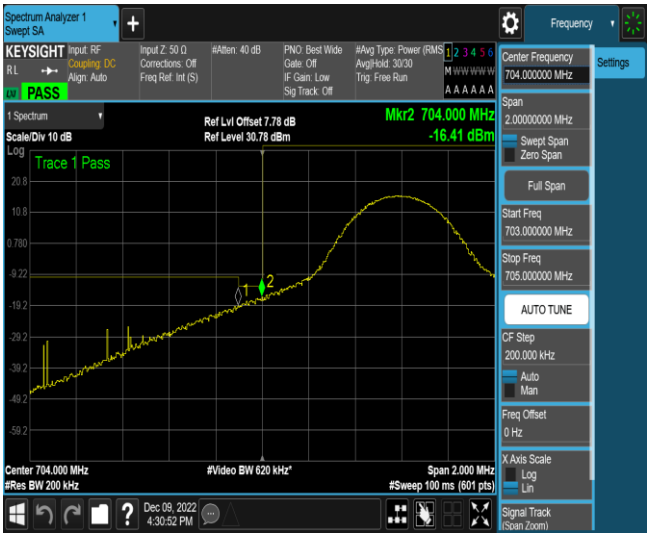
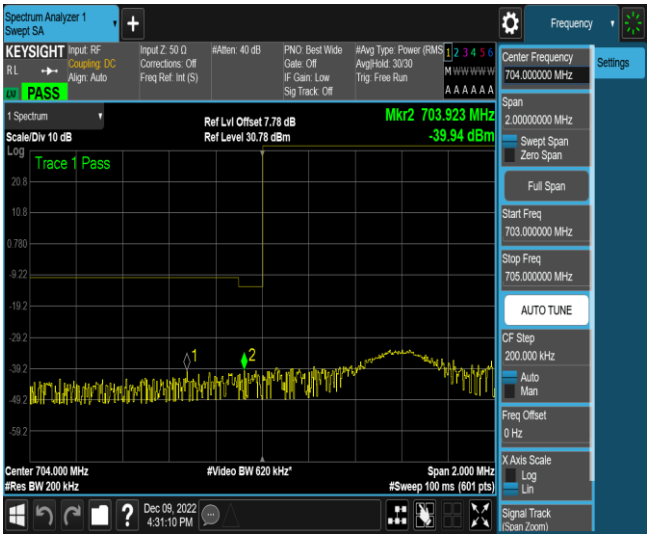


Band17-10MHz-QPSK-23780-1RB#0



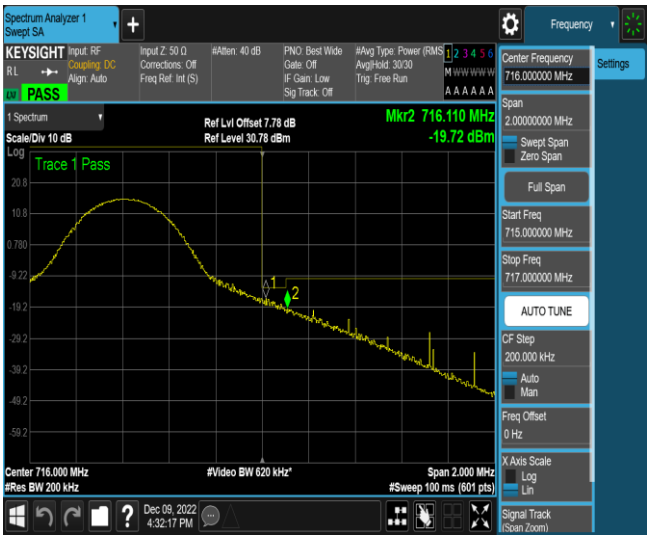
Band17-10MHz-QPSK-23780-1RB#49



Band17-10MHz-QPSK-23780-50RB#0

Band17-10MHz-QPSK-23800-1RB#0

Band17-10MHz-QPSK-23800-1RB#49



Band17-10MHz-QPSK-23800-50RB#0

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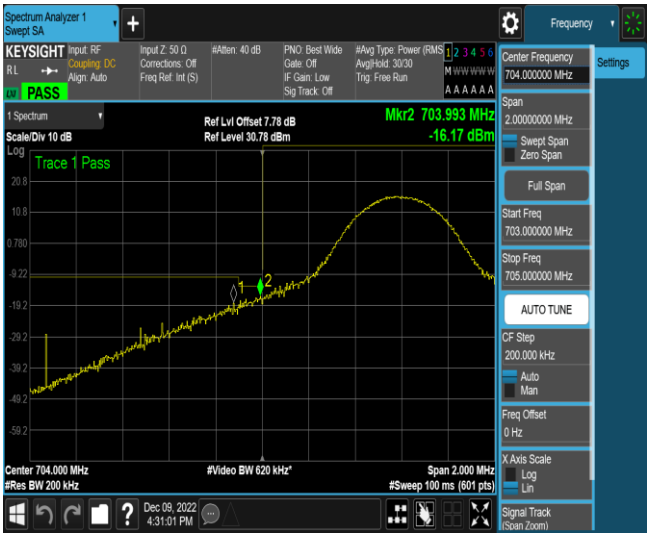

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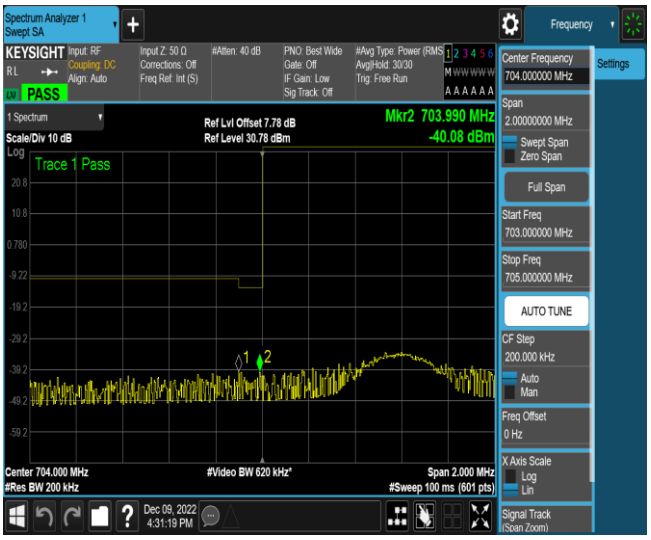

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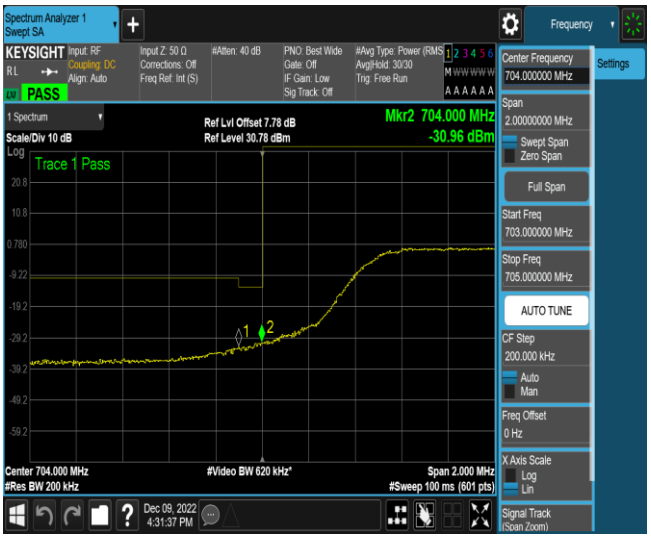

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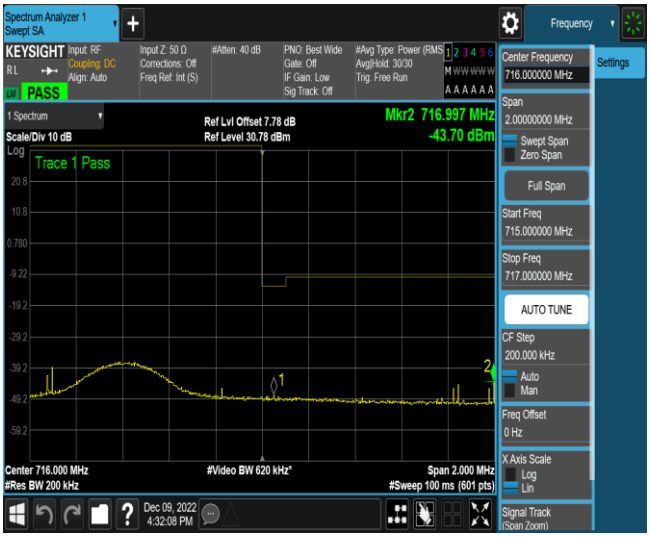

Band17-10MHz-16QAM-23800-1RB#49

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