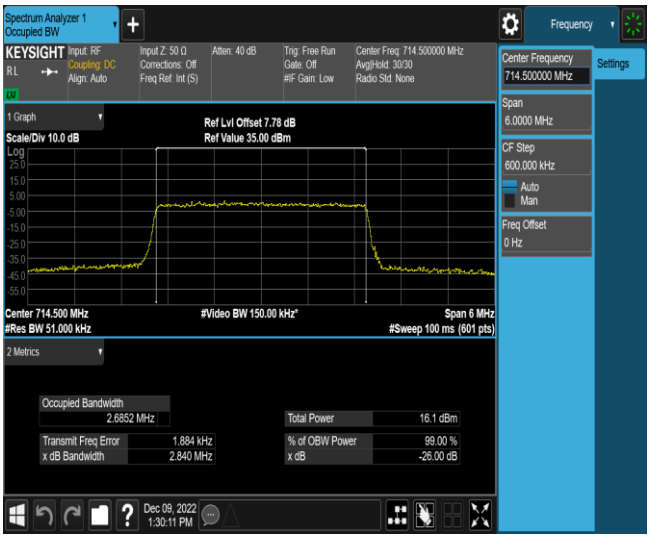
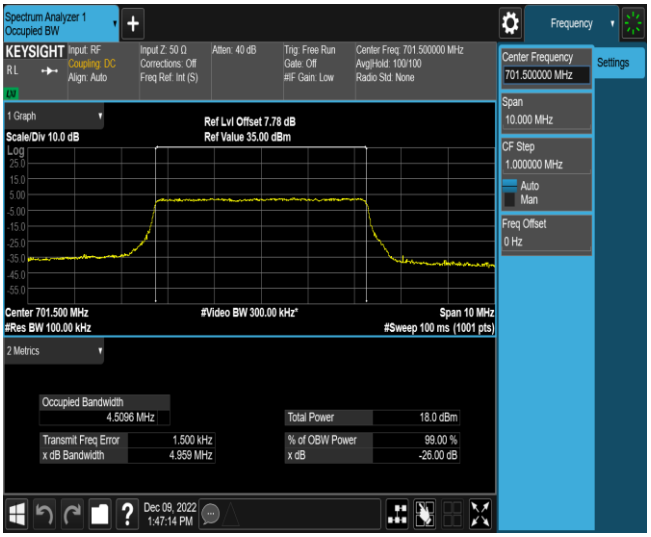


Band12-5MHz-QPSK-23035-25RB#0



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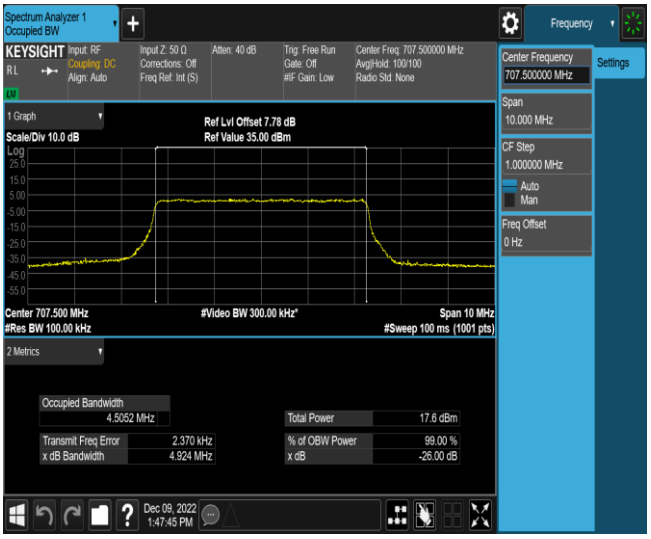
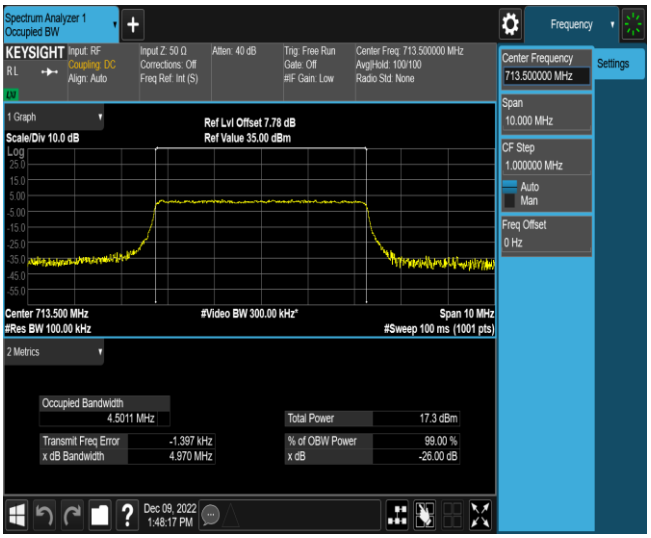
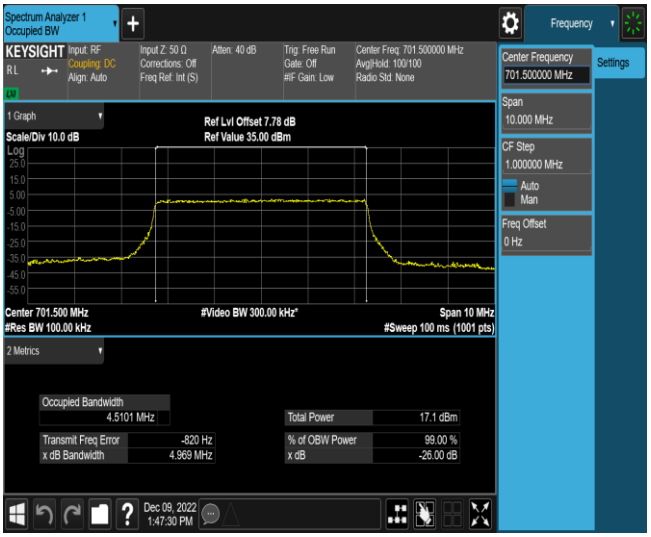


Band12-5MHz-QPSK-23155-25RB#0



Band12-5MHz-16QAM-23035-25RB#0



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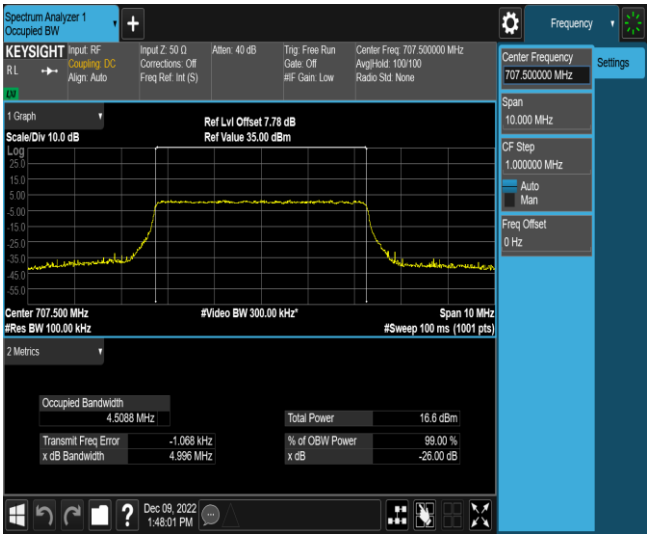

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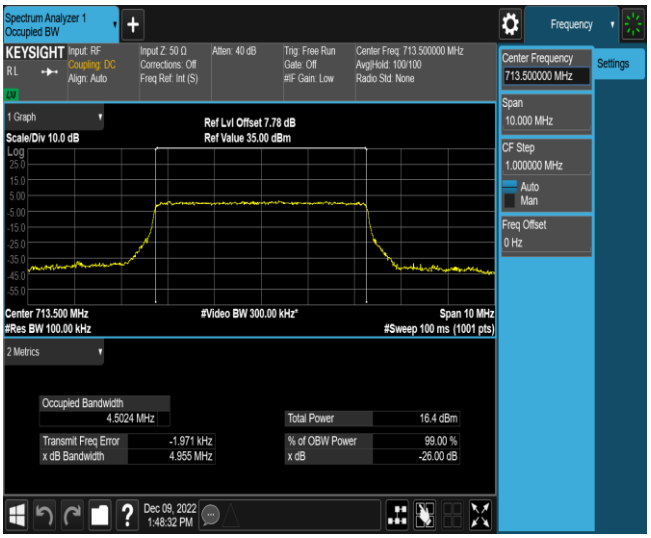

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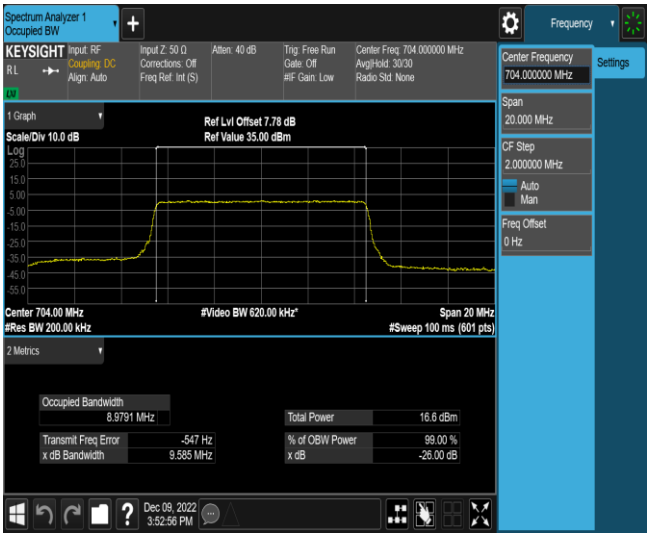

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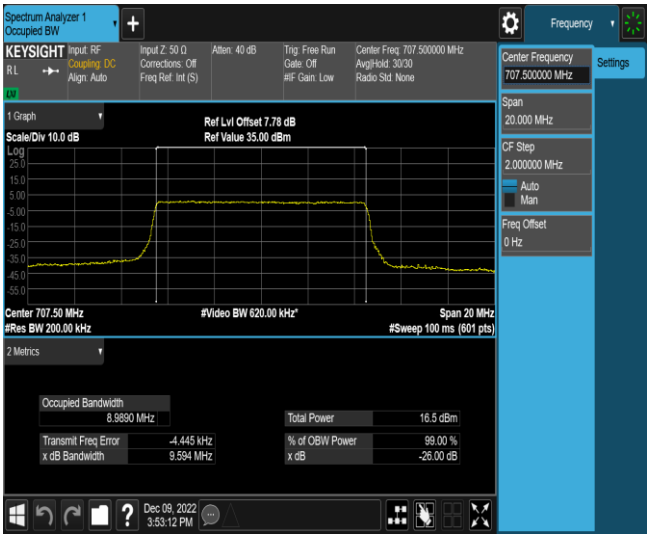

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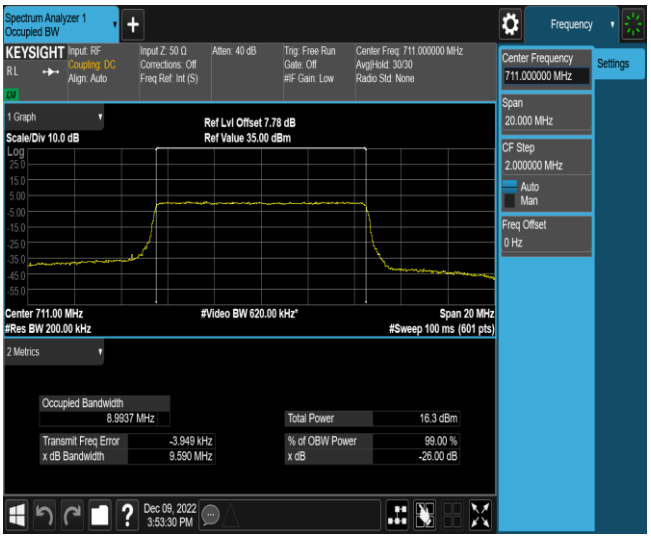

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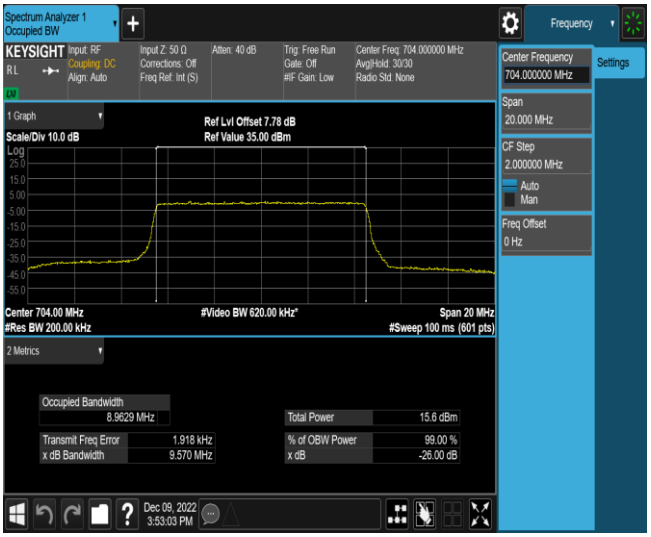

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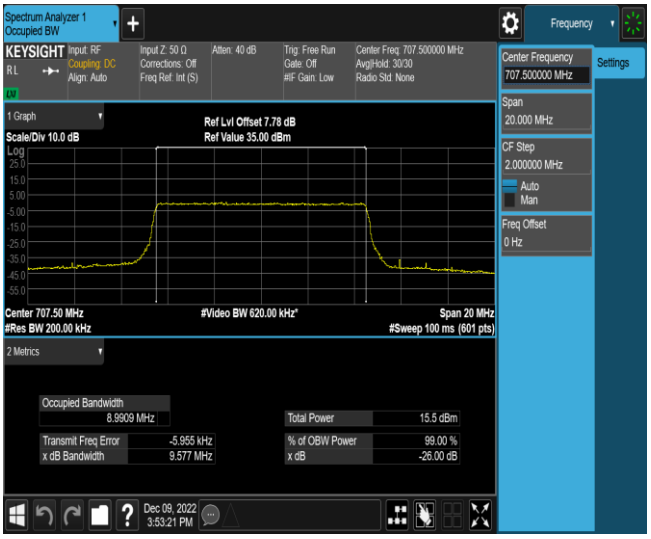

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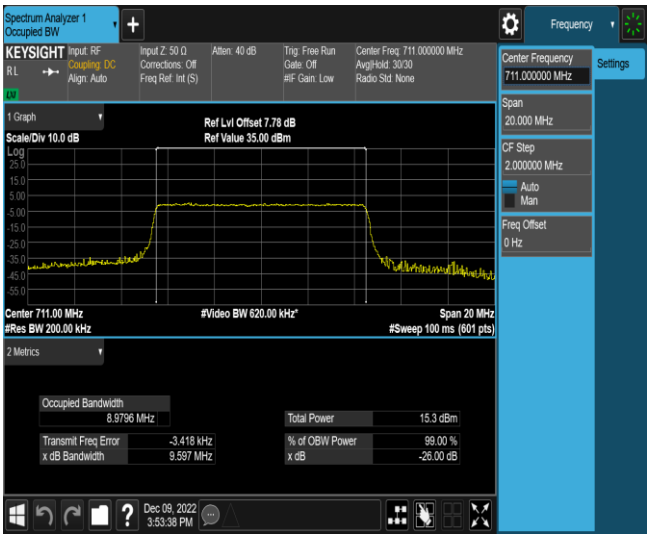

Spectrum Analyzer 1
Occupied BW
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
Atten: 40 dB
Trig: Free Run
Gate: Off
#IF Gain: Low
Center Freq: 711.000000 MHz
Avg|Hold: 30/30
Radio Std: None
Frequency
Settings
Center Frequency
711.000000 MHz
Span
20.000 MHz
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
8.9796 MHz
Total Power
15.3 dBm
Transmit Freq Error
-3.418 kHz
x dB Bandwidth
9.597 MHz
% of OBW Power
99.00 %
x dB
-26.00 dB
Dec 09, 2022
3:53:38 PM

Appendix D: Band Edge

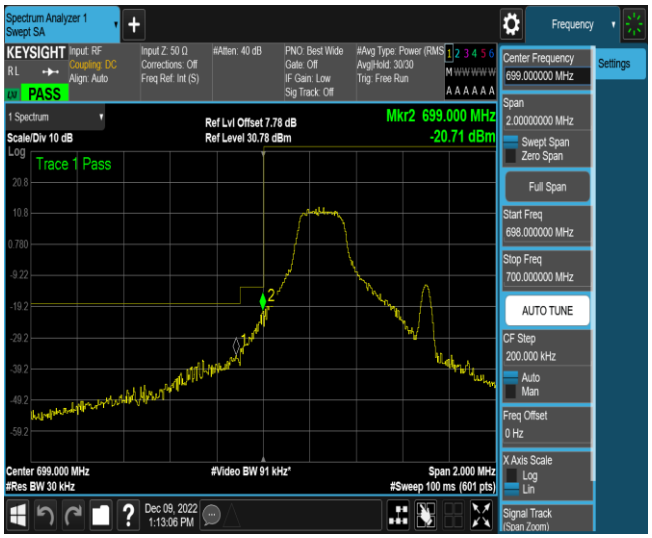
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	PASS
Band12	3MHz	QPSK	23025	1RB#0	PASS
Band12	3MHz	QPSK	23025	1RB#14	PASS
Band12	3MHz	QPSK	23025	15RB#0	PASS
Band12	3MHz	QPSK	23165	1RB#0	PASS
Band12	3MHz	QPSK	23165	1RB#14	PASS
Band12	3MHz	QPSK	23165	15RB#0	PASS
Band12	3MHz	16QAM	23025	1RB#0	PASS
Band12	3MHz	16QAM	23025	1RB#14	PASS
Band12	3MHz	16QAM	23025	15RB#0	PASS
Band12	3MHz	16QAM	23165	1RB#0	PASS
Band12	3MHz	16QAM	23165	1RB#14	PASS
Band12	3MHz	16QAM	23165	15RB#0	PASS
Band12	5MHz	QPSK	23035	1RB#0	PASS
Band12	5MHz	QPSK	23035	1RB#24	PASS
Band12	5MHz	QPSK	23035	25RB#0	PASS
Band12	5MHz	QPSK	23155	1RB#0	PASS
Band12	5MHz	QPSK	23155	1RB#24	PASS
Band12	5MHz	QPSK	23155	25RB#0	PASS
Band12	5MHz	16QAM	23035	1RB#0	PASS
Band12	5MHz	16QAM	23035	1RB#24	PASS
Band12	5MHz	16QAM	23035	25RB#0	PASS
Band12	5MHz	16QAM	23155	1RB#0	PASS
Band12	5MHz	16QAM	23155	1RB#24	PASS

Band12	5MHz	16QAM	23155	25RB#0	PASS
Band12	10MHz	QPSK	23060	1RB#0	PASS
Band12	10MHz	QPSK	23060	1RB#49	PASS
Band12	10MHz	QPSK	23060	50RB#0	PASS
Band12	10MHz	QPSK	23130	1RB#0	PASS
Band12	10MHz	QPSK	23130	1RB#49	PASS
Band12	10MHz	QPSK	23130	50RB#0	PASS
Band12	10MHz	16QAM	23060	1RB#0	PASS
Band12	10MHz	16QAM	23060	1RB#49	PASS
Band12	10MHz	16QAM	23060	50RB#0	PASS
Band12	10MHz	16QAM	23130	1RB#0	PASS
Band12	10MHz	16QAM	23130	1RB#49	PASS
Band12	10MHz	16QAM	23130	50RB#0	PASS

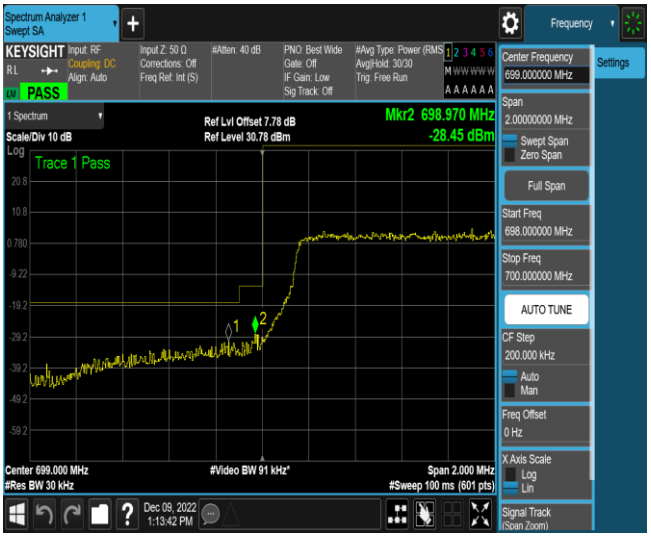
Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0



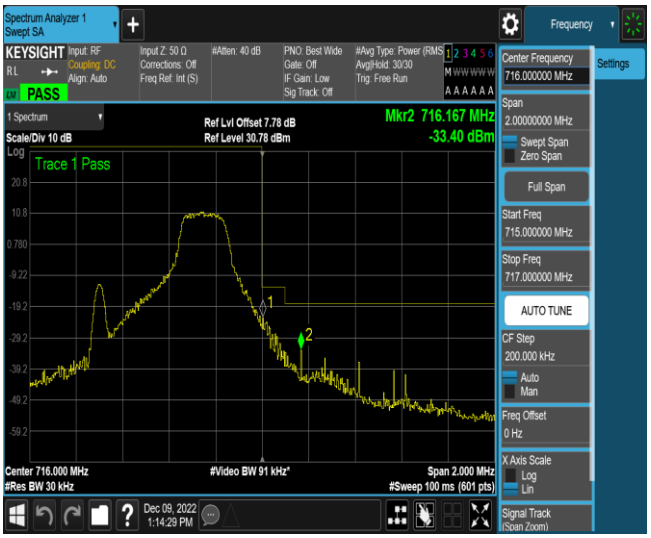
Band12-1.4MHz-QPSK-23017-1RB#5

Band12-1.4MHz-QPSK-23017-6RB#0

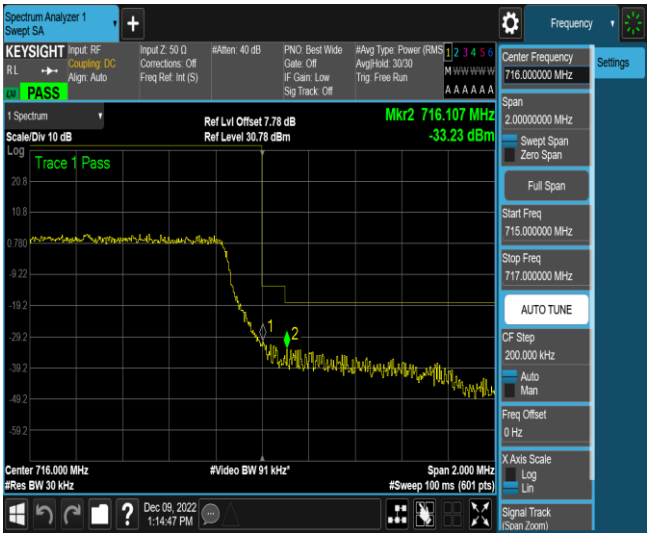


Band12-1.4MHz-QPSK-23173-1RB#0

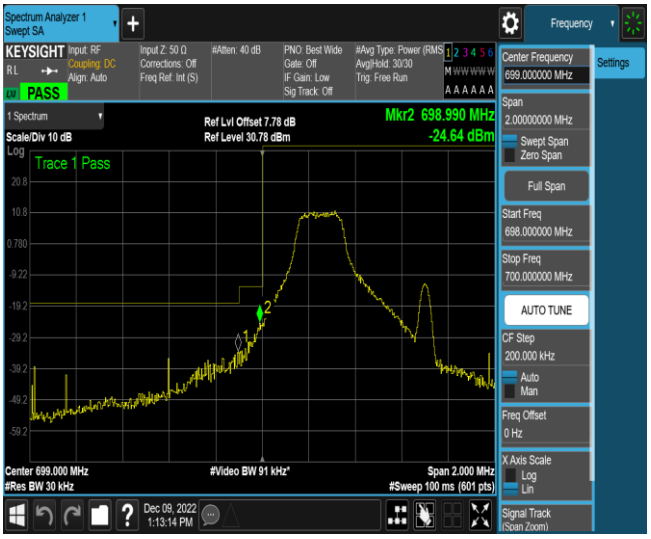
Band12-1.4MHz-QPSK-23173-1RB#5



Band12-1.4MHz-QPSK-23173-6RB#0



Band12-1.4MHz-16QAM-23017-1RB#0

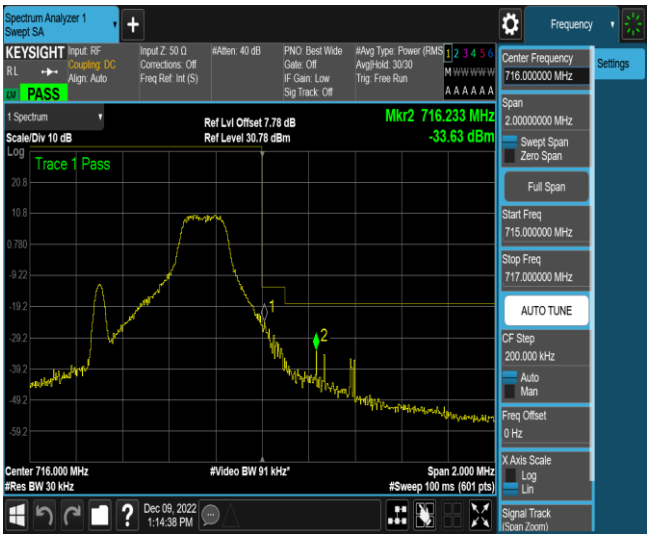


Band12-1.4MHz-16QAM-23017-1RB#5

Band12-1.4MHz-16QAM-23017-6RB#0

Band12-1.4MHz-16QAM-23173-1RB#0

Band12-1.4MHz-16QAM-23173-1RB#5



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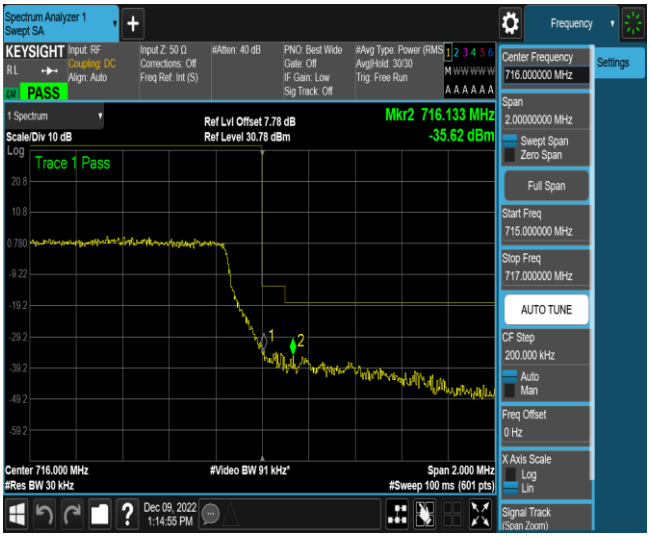

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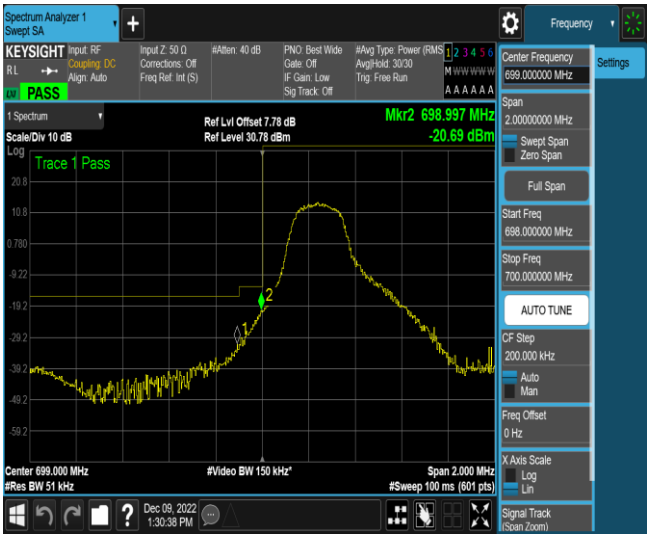
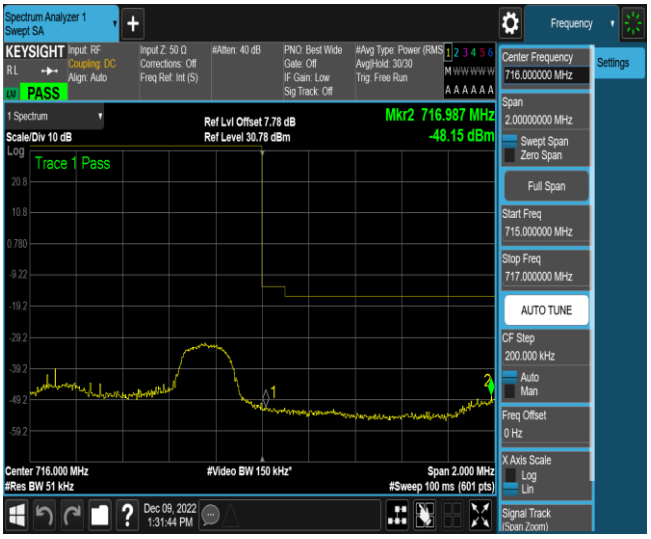


Band12-3MHz-QPSK-23025-1RB#14

Band12-3MHz-QPSK-23025-15RB#0

Band12-3MHz-QPSK-23165-1RB#0



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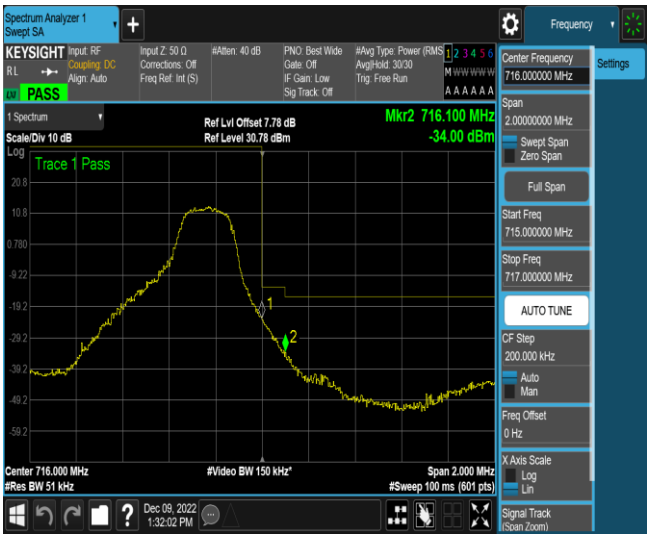

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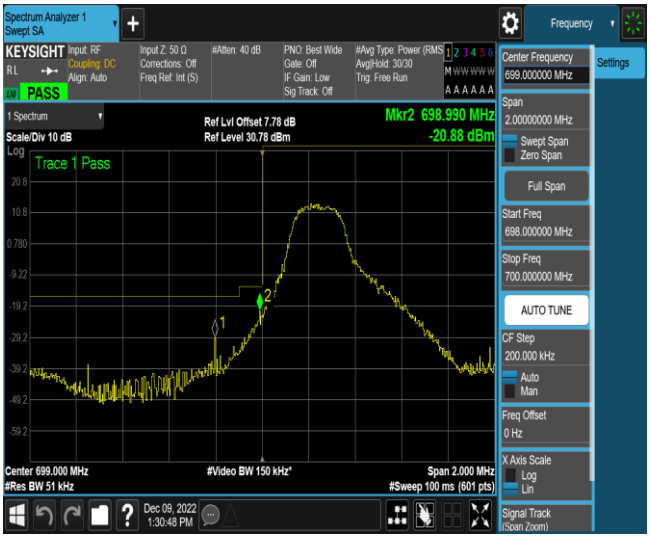
Band12-3MHz-16QAM-23025-1RB#0



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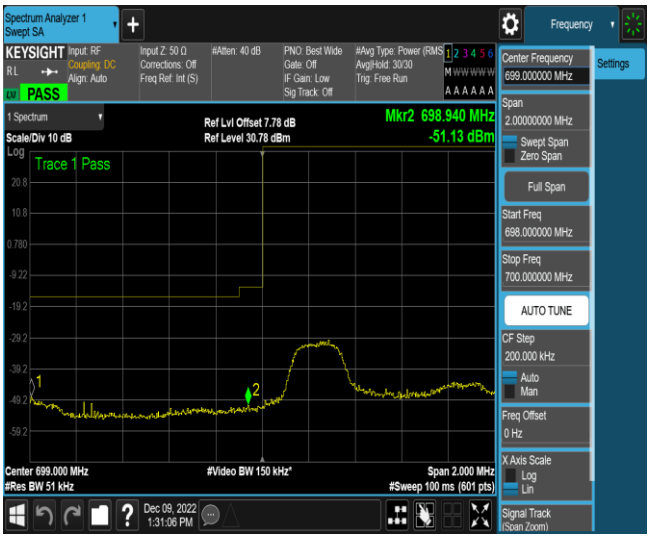

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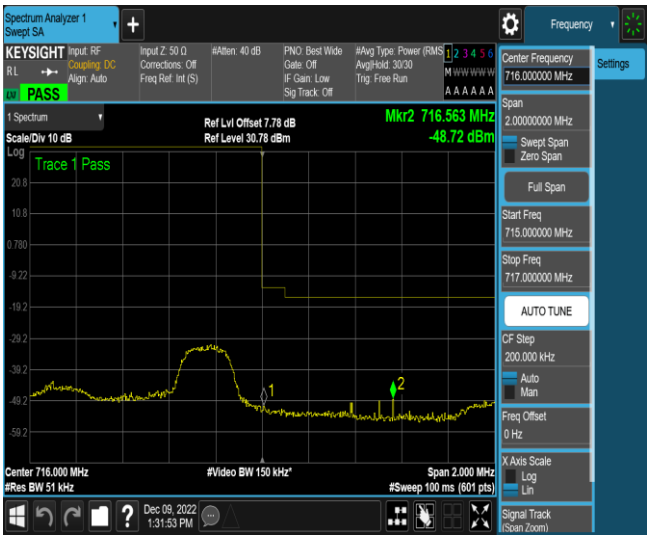

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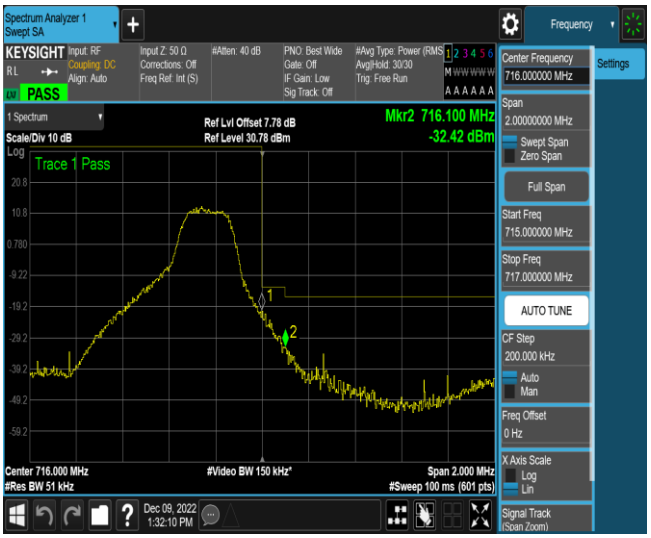

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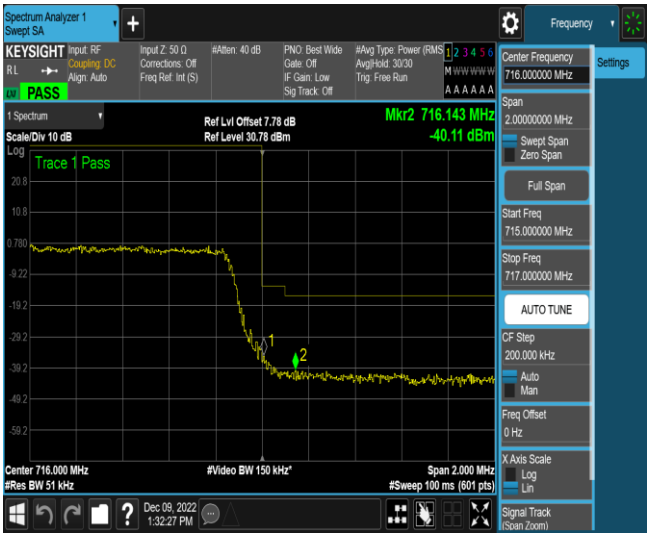
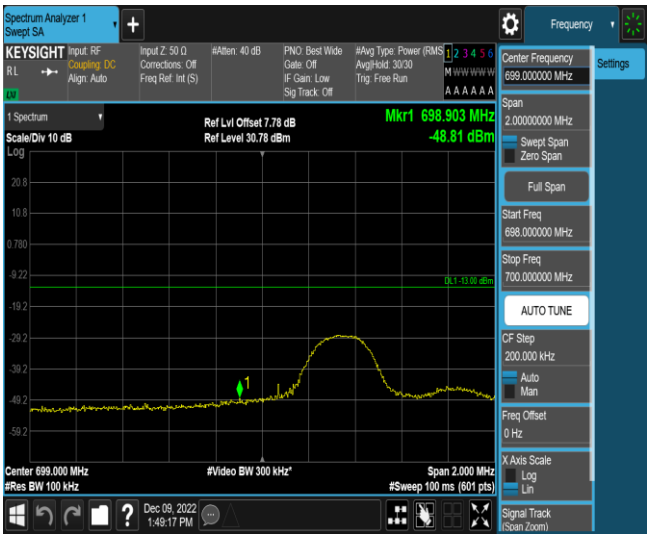
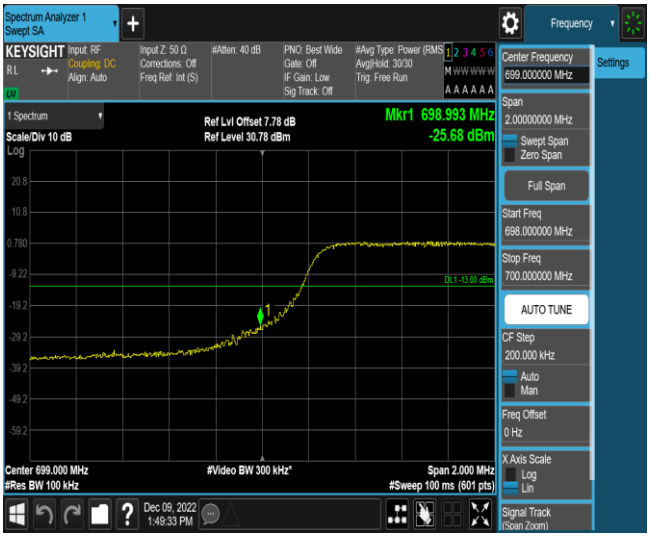


Band12-5MHz-QPSK-23035-1RB#0

Band12-5MHz-QPSK-23035-1RB#24



Band12-5MHz-QPSK-23035-25RB#0



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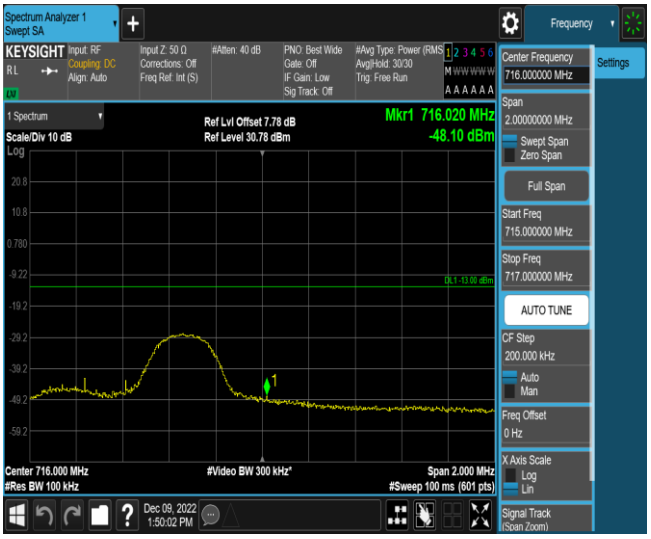

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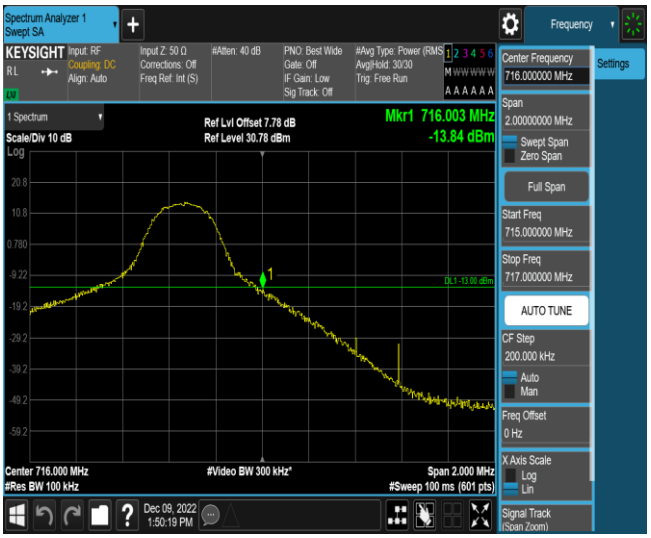

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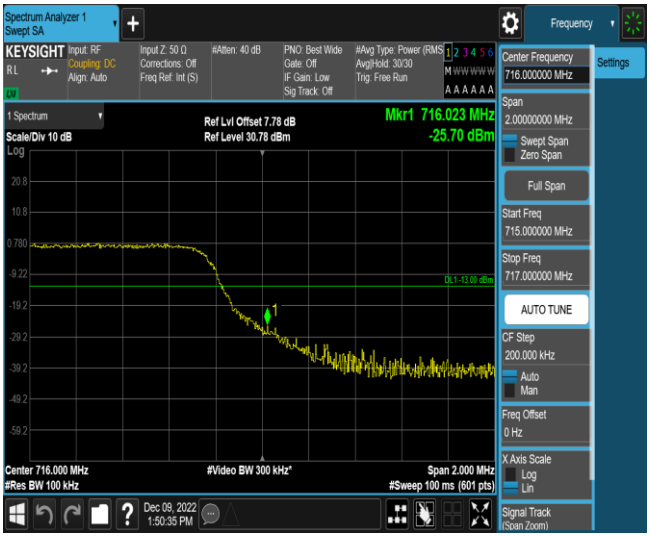

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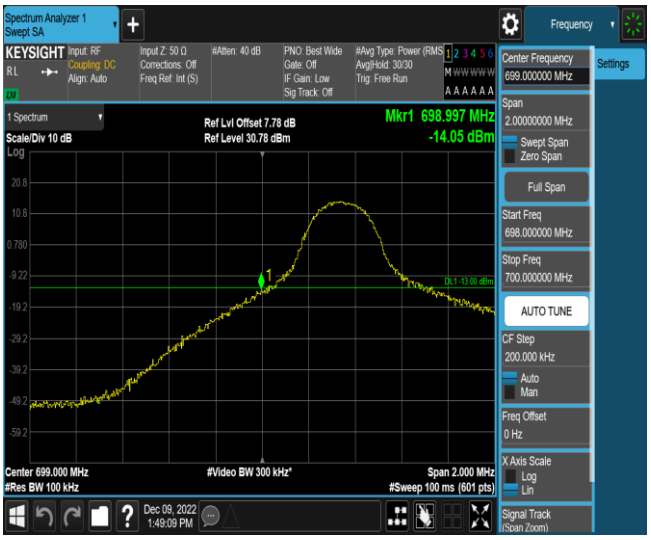

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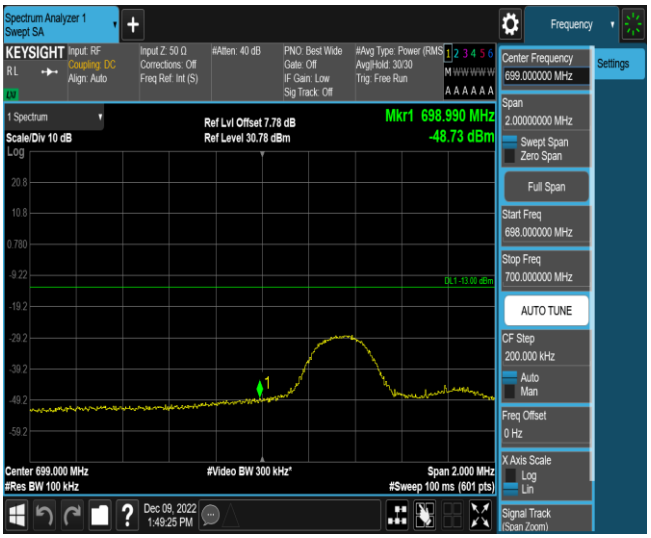

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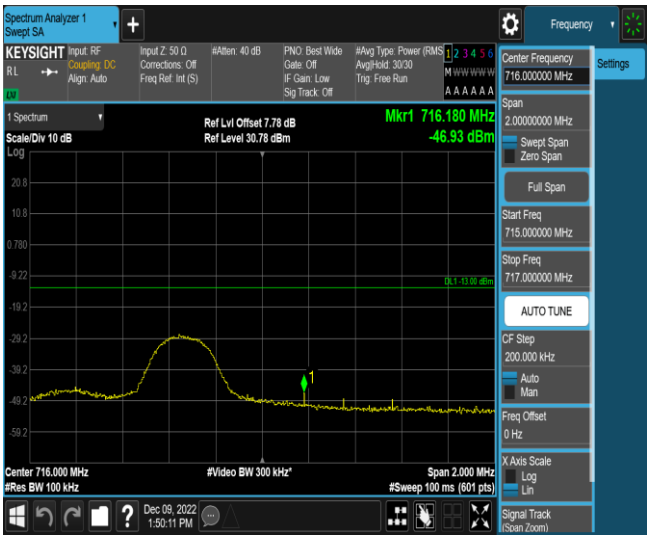

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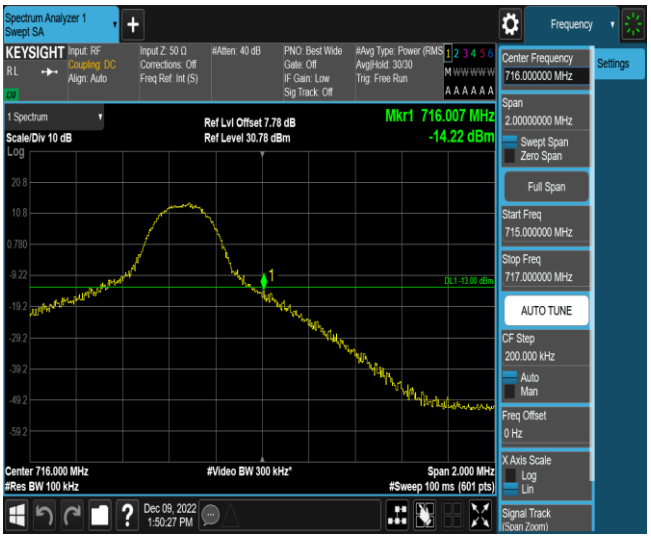

Band12-5MHz-16QAM-23155-25RB#0

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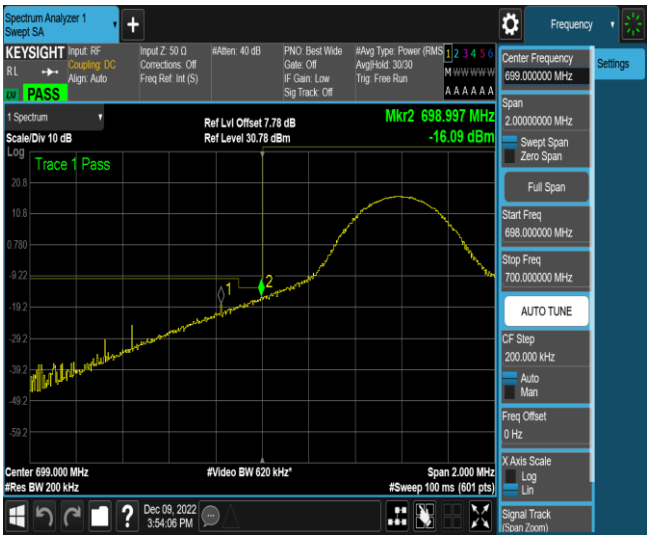
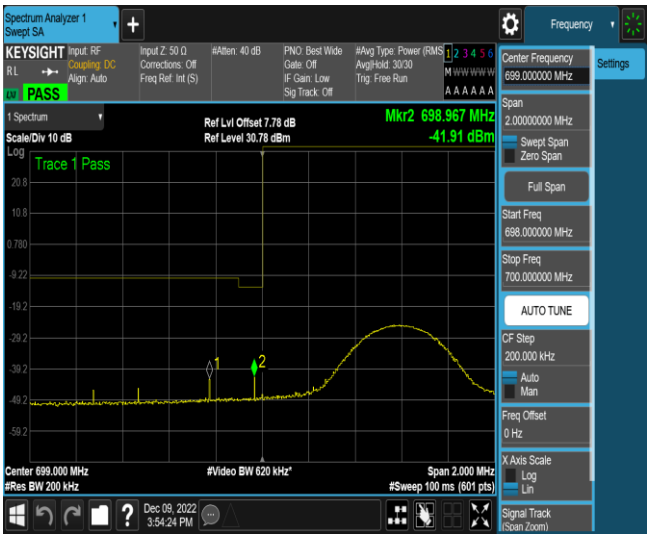
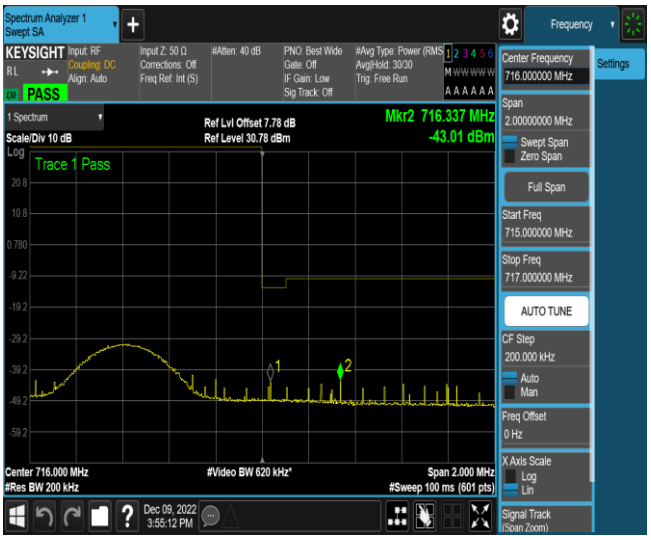


Band12-10MHz-QPSK-23060-1RB#49

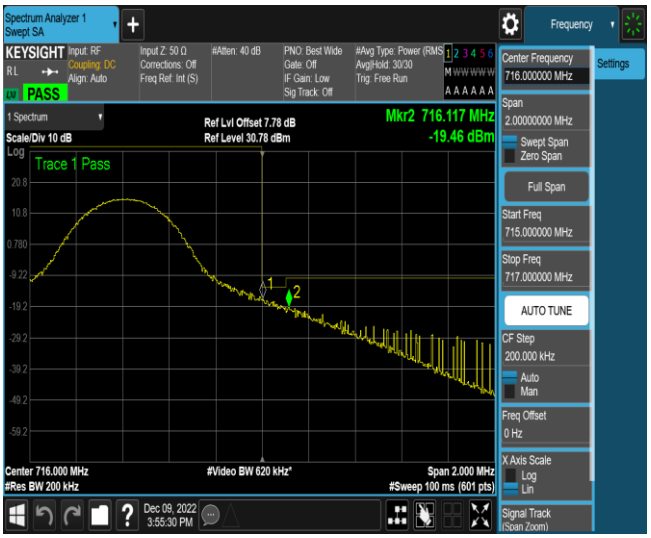


Band12-10MHz-QPSK-23060-50RB#0

Band12-10MHz-QPSK-23130-1RB#0



Band12-10MHz-QPSK-23130-1RB#49



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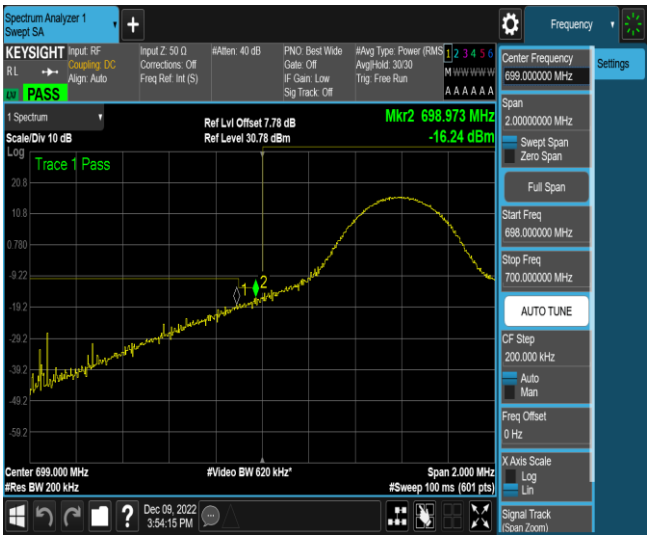

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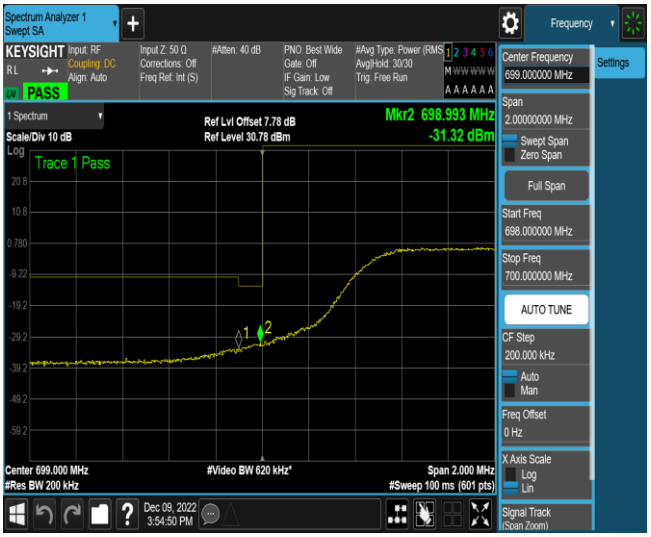

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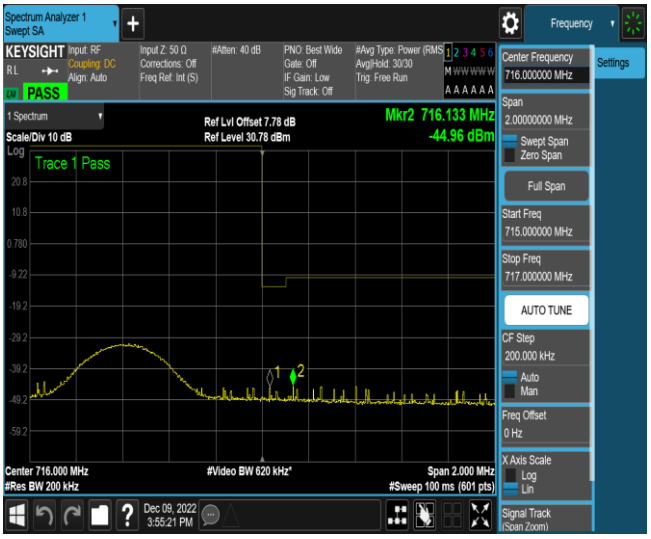

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