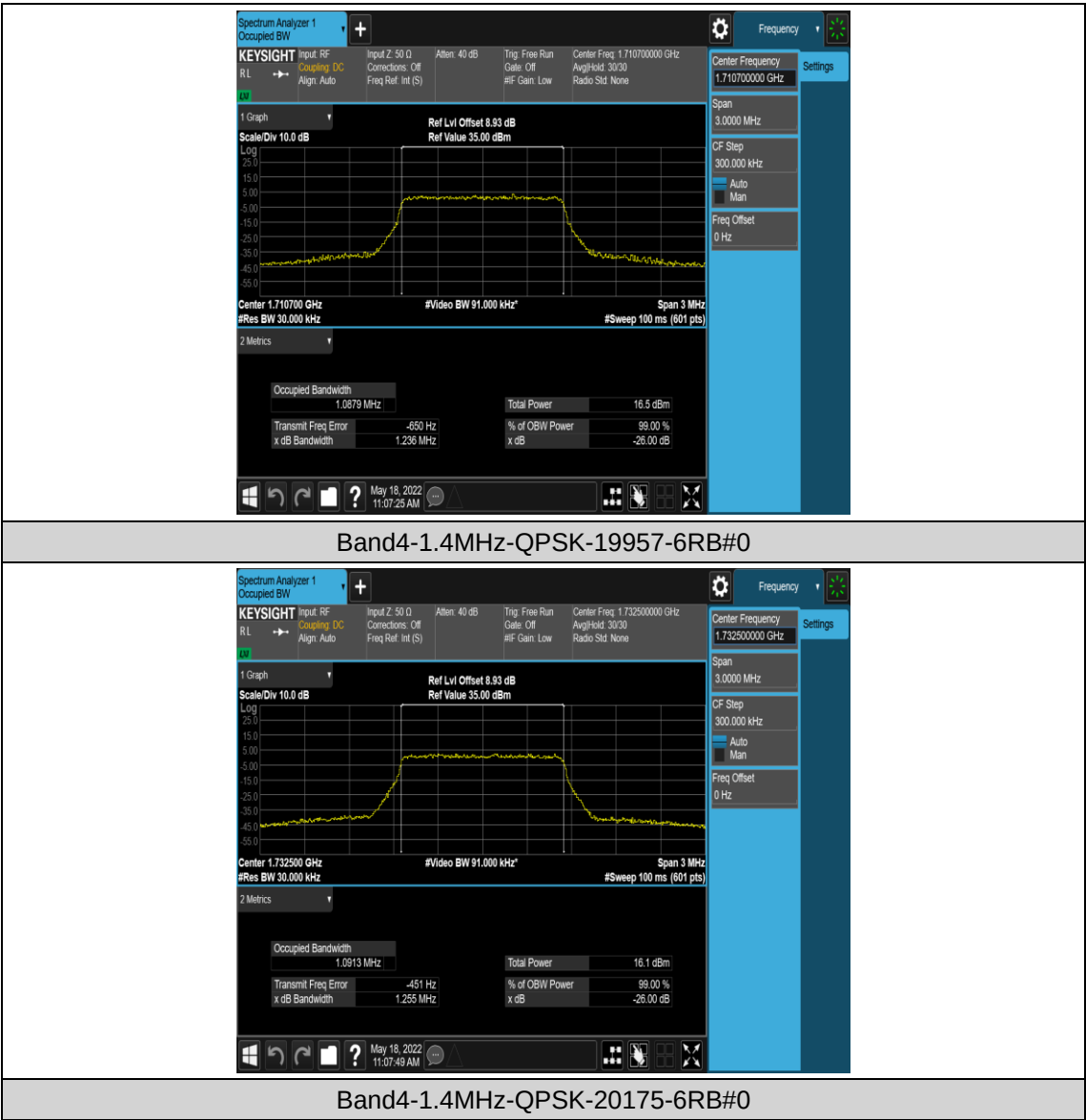
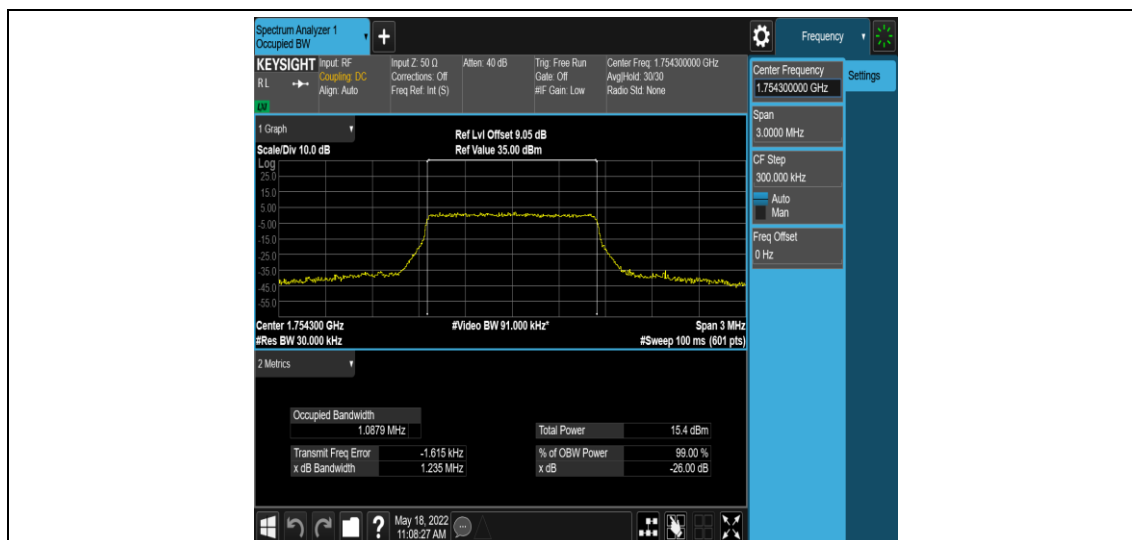


Band4	20MHz	16QAM	20300	100RB#0	17.985	18.97	PASS
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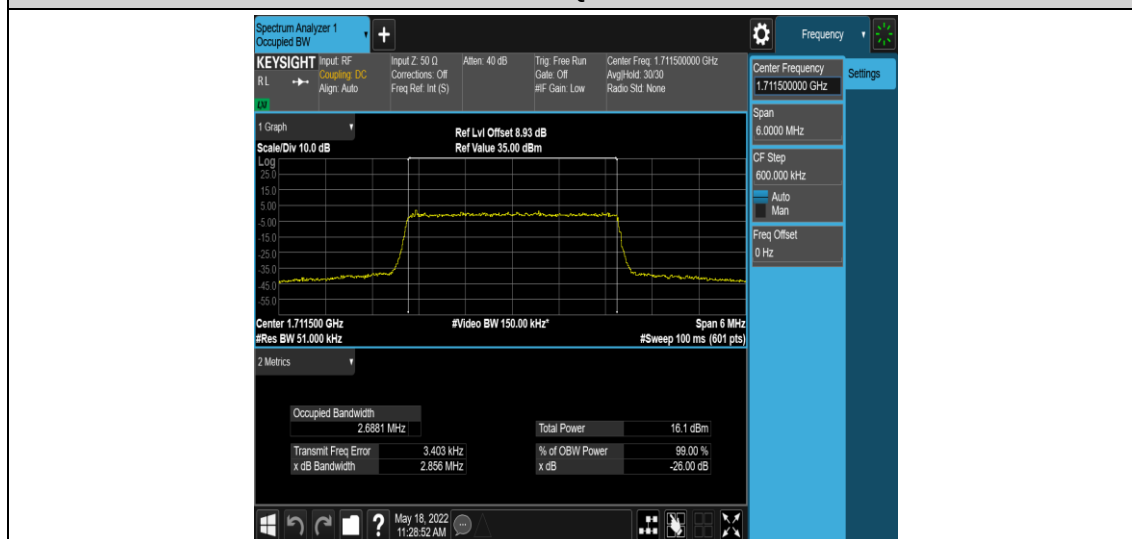
Test Graphs



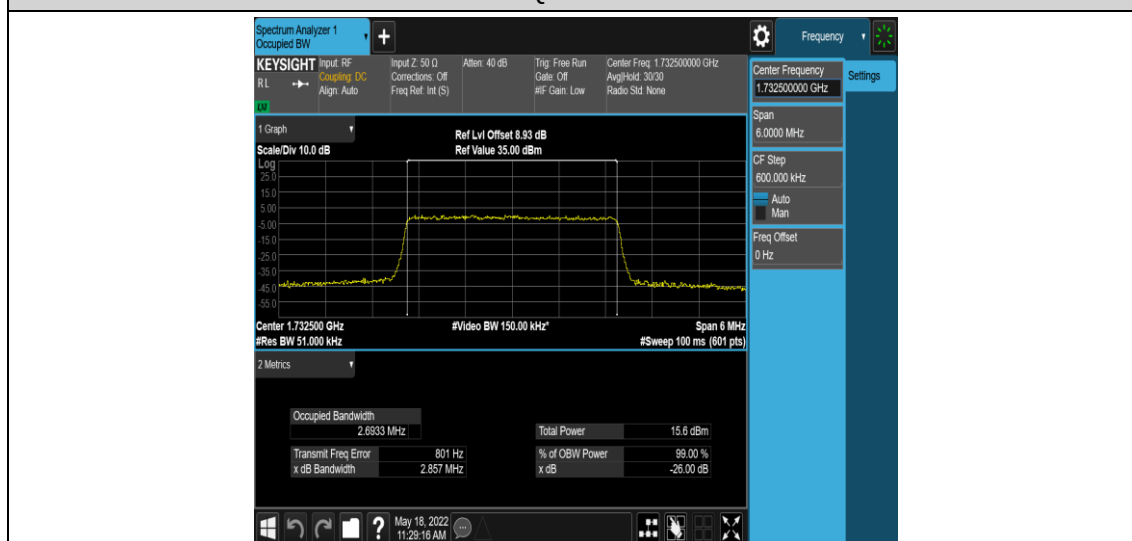




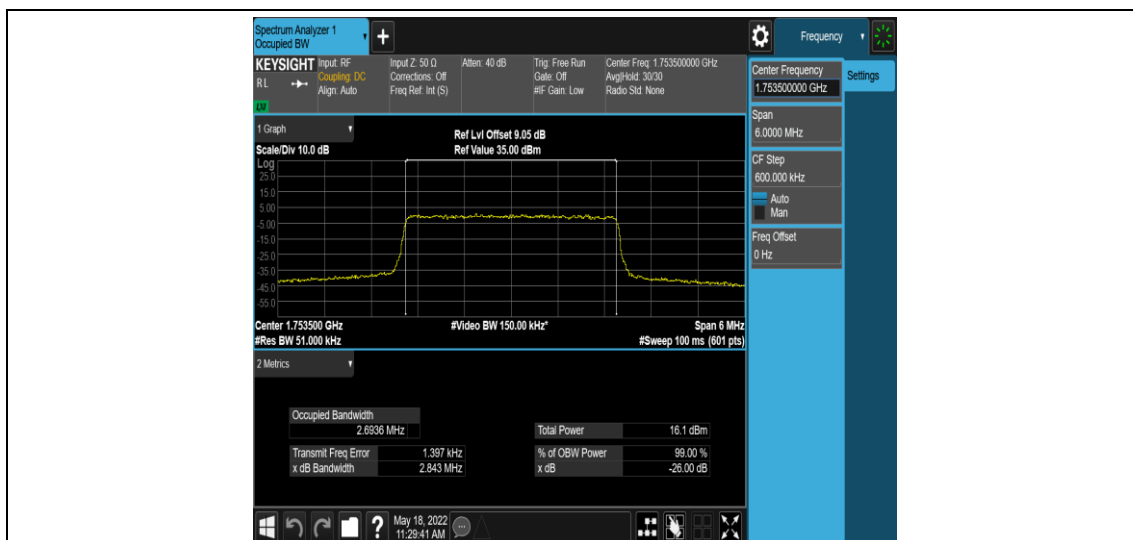
Band4-1.4MHz-16QAM-20393-6RB#0



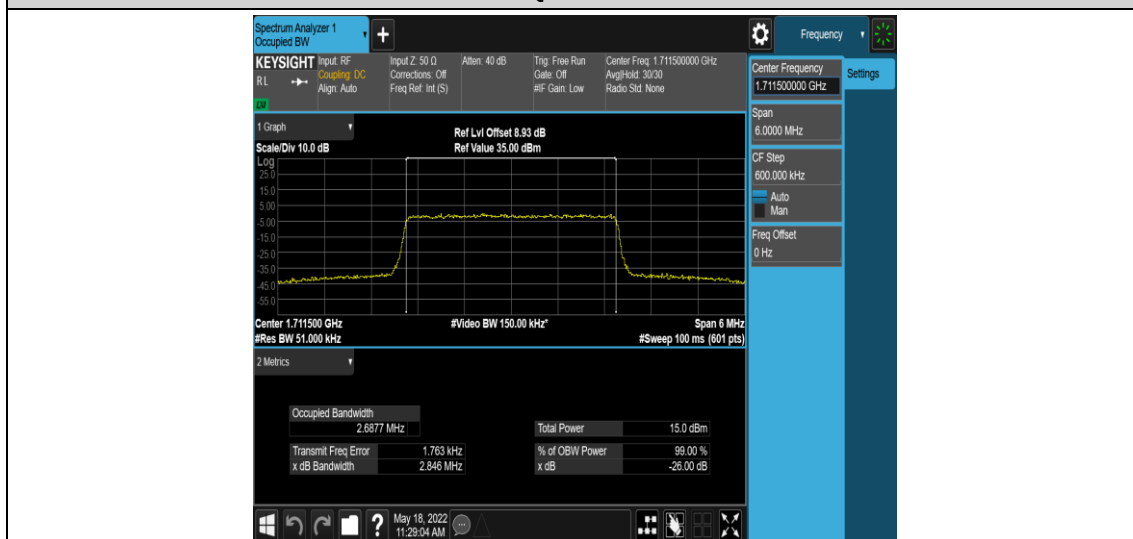
Band4-3MHz-QPSK-19965-15RB#0



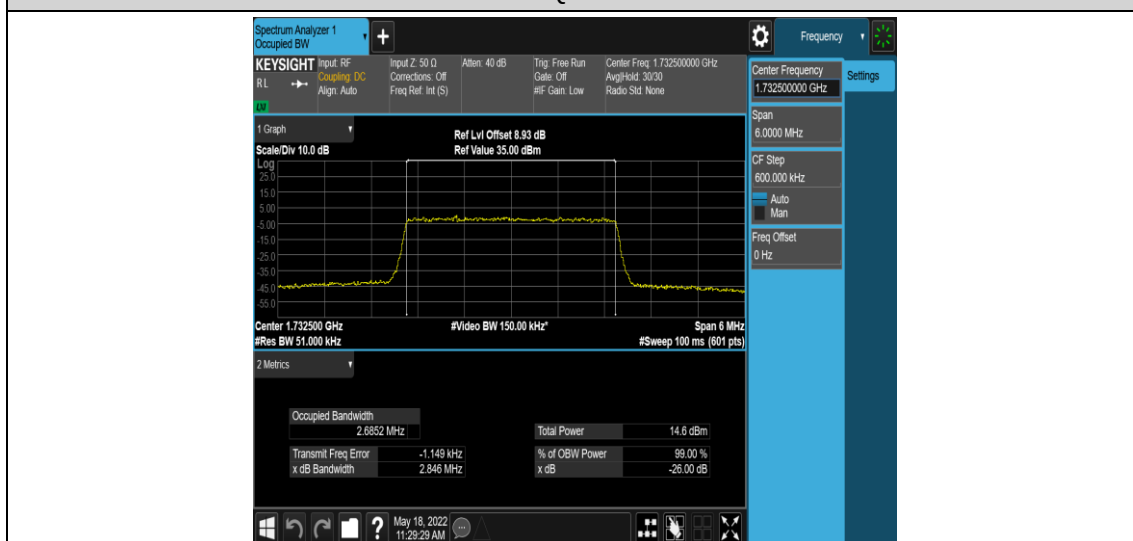
Band4-3MHz-QPSK-20175-15RB#0



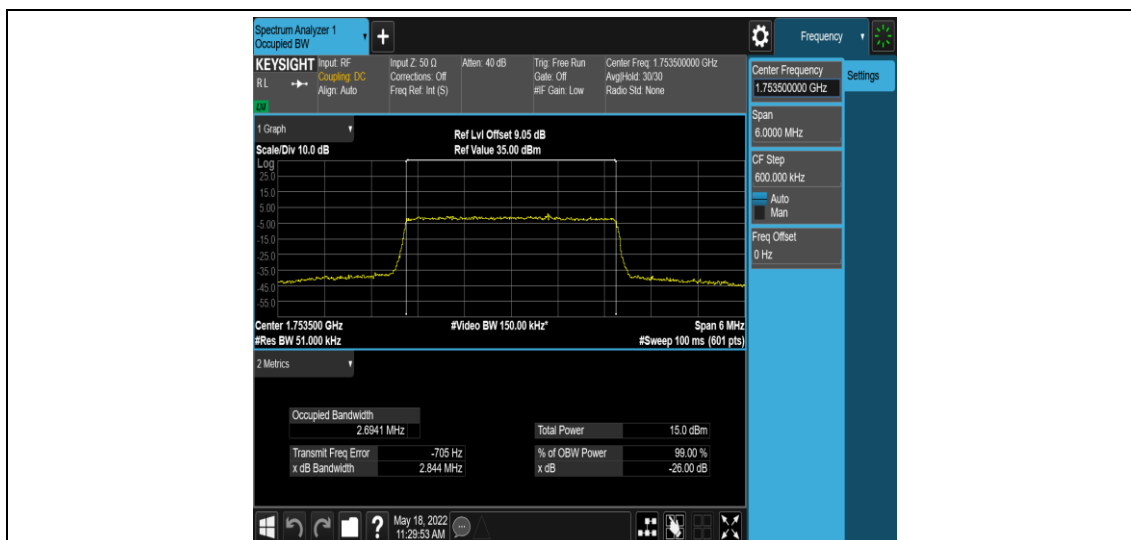
Band4-3MHz-QPSK-20385-15RB#0



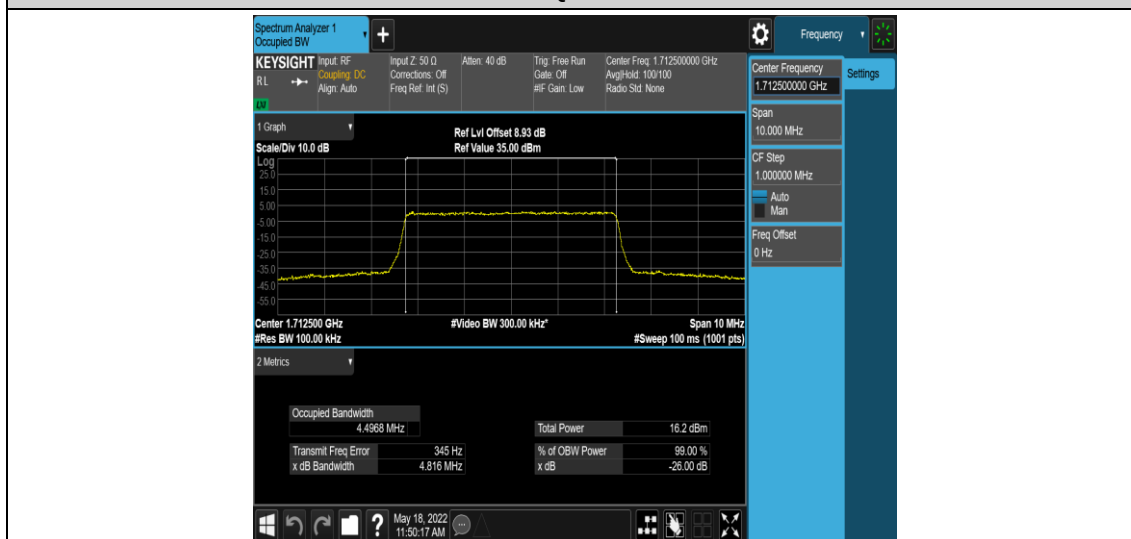
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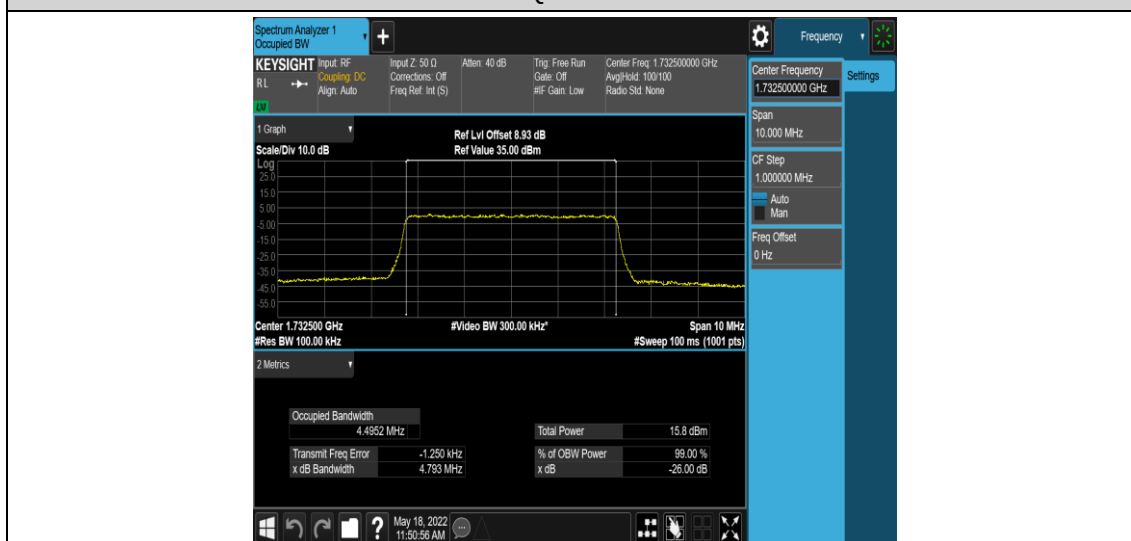
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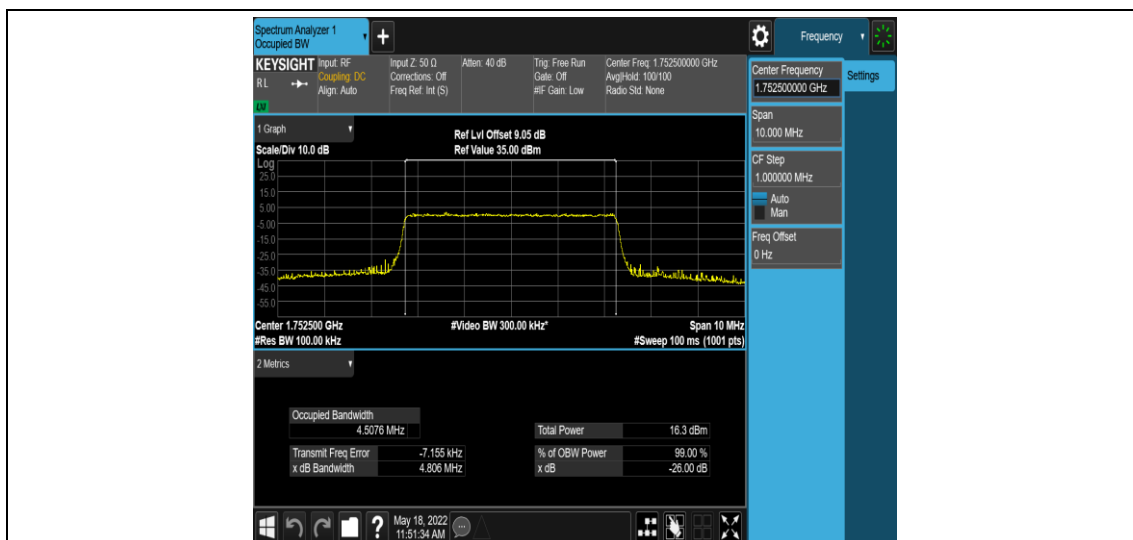
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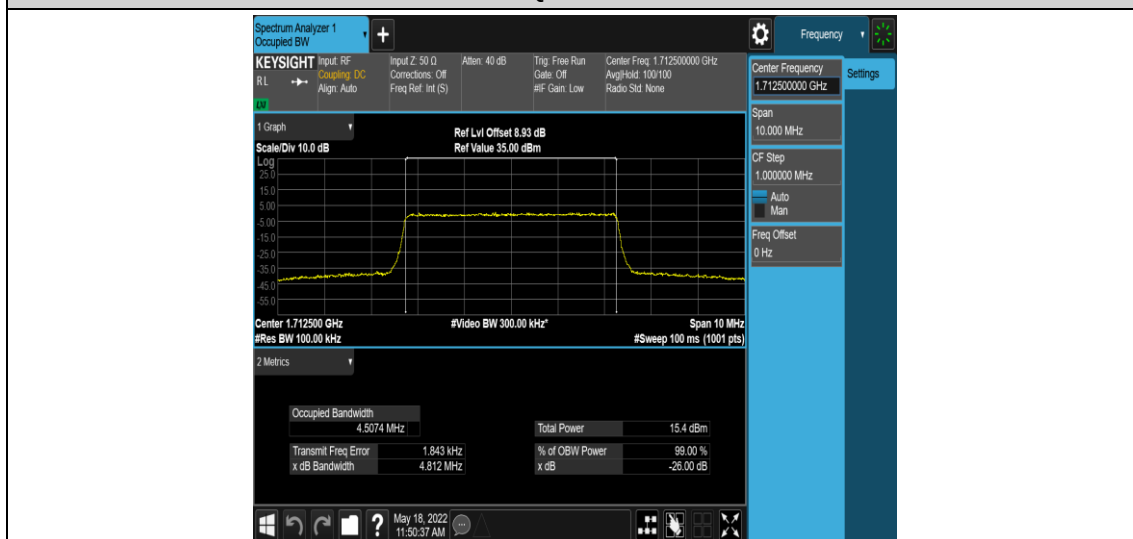
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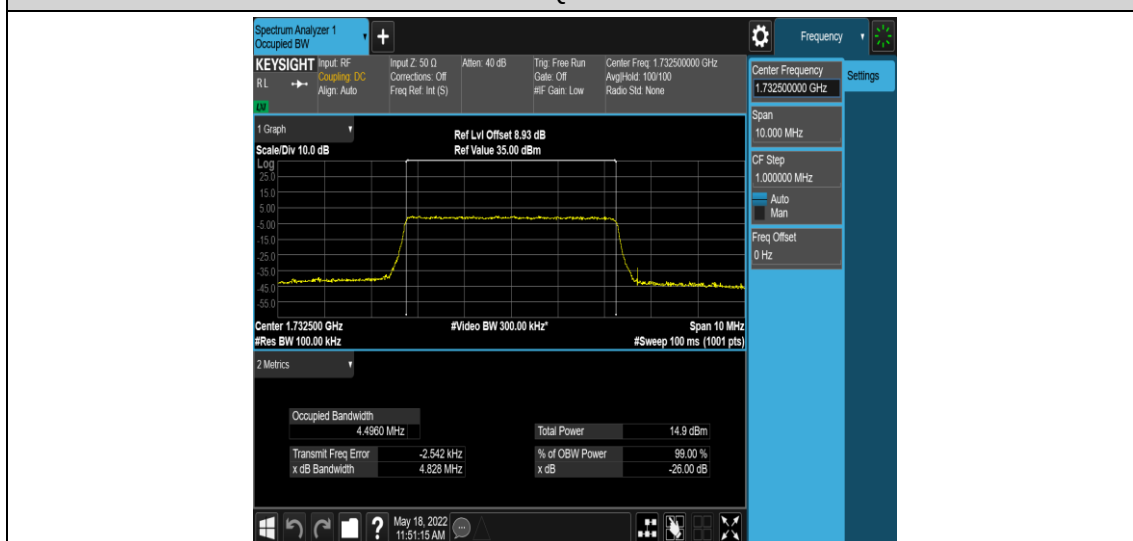
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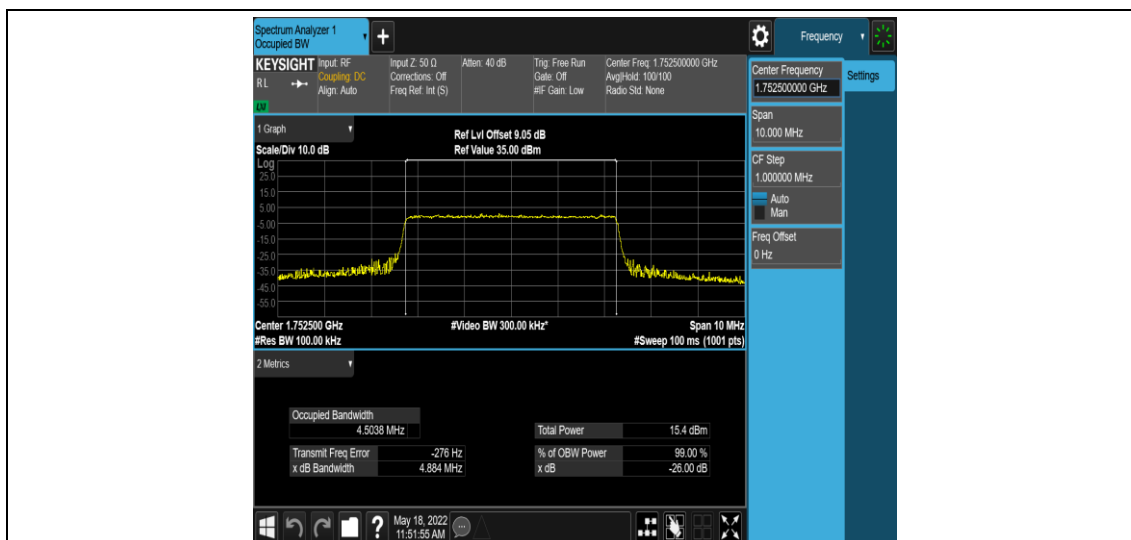
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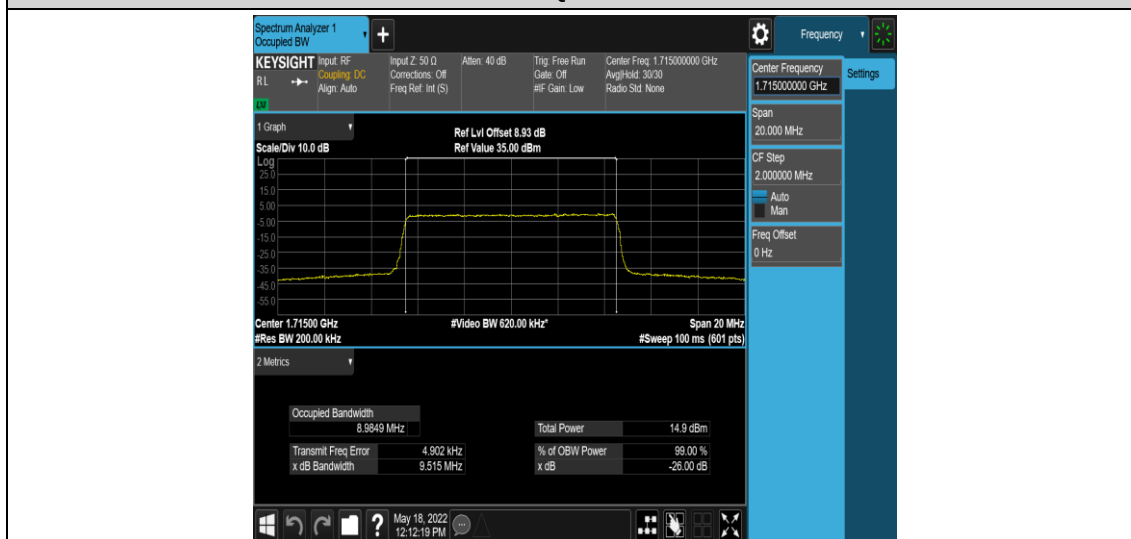
Band4-5MHz-16QAM-19975-25RB#0



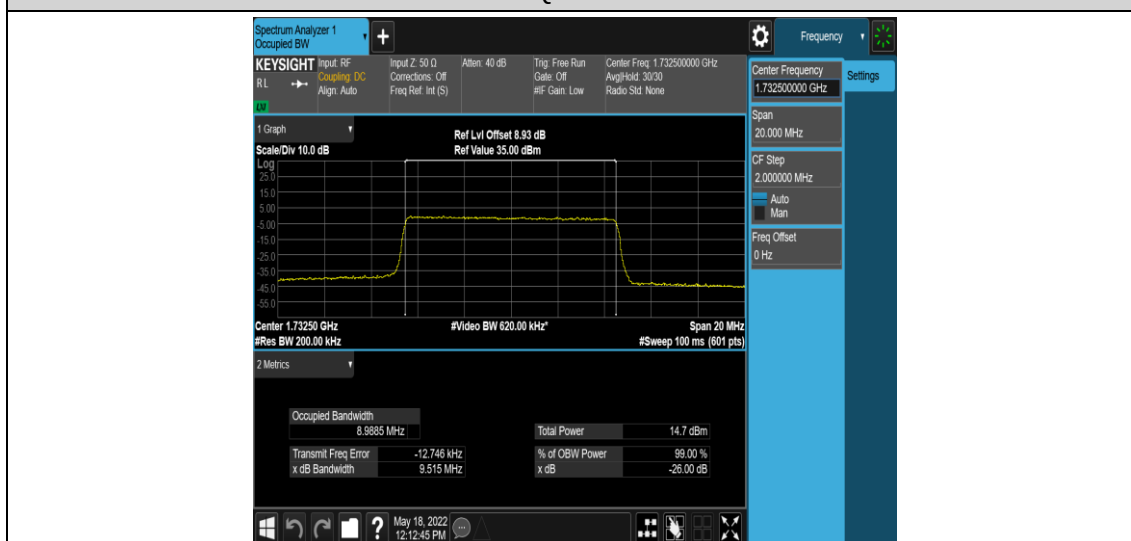
Band4-5MHz-16QAM-20175-25RB#0



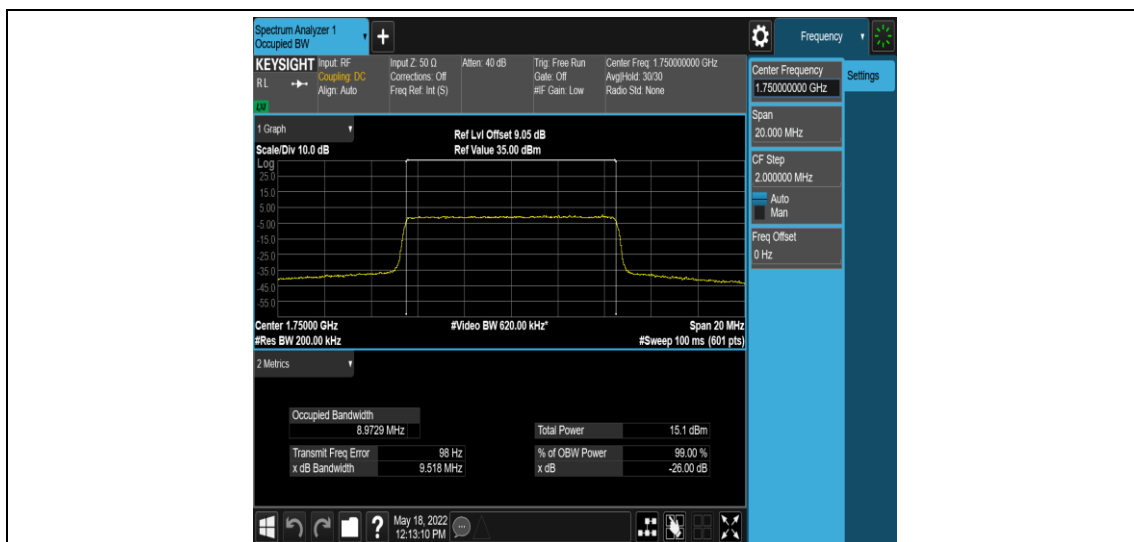
Band4-5MHz-16QAM-20375-25RB#0



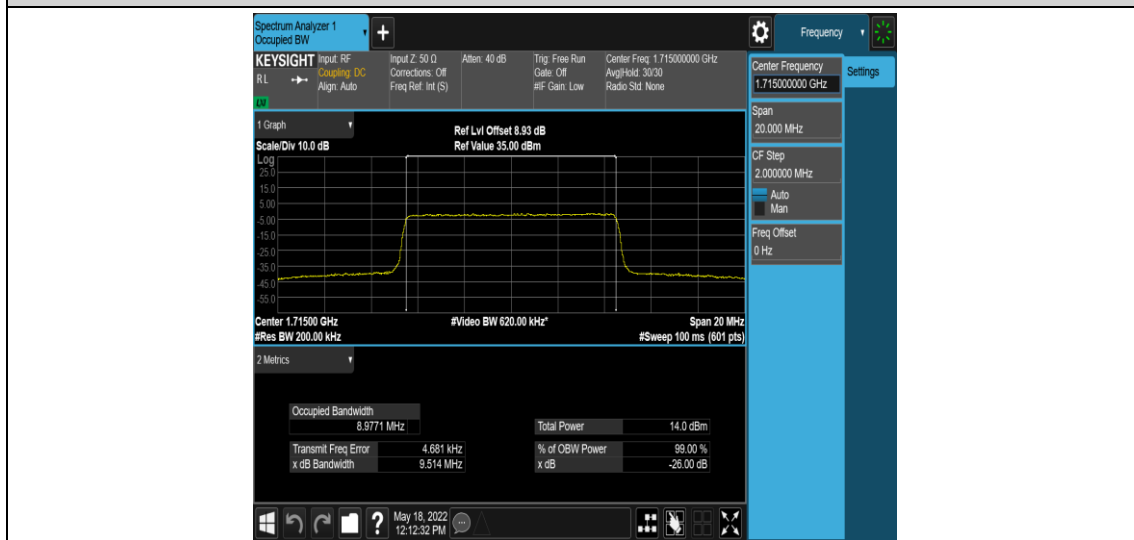
Band4-10MHz-QPSK-20000-50RB#0



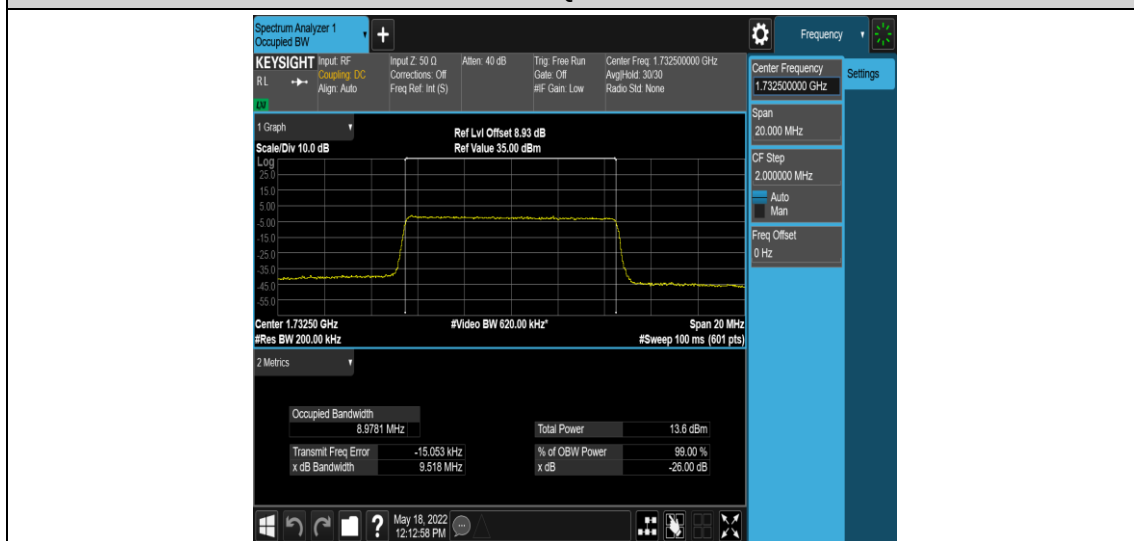
Band4-10MHz-QPSK-20175-50RB#0



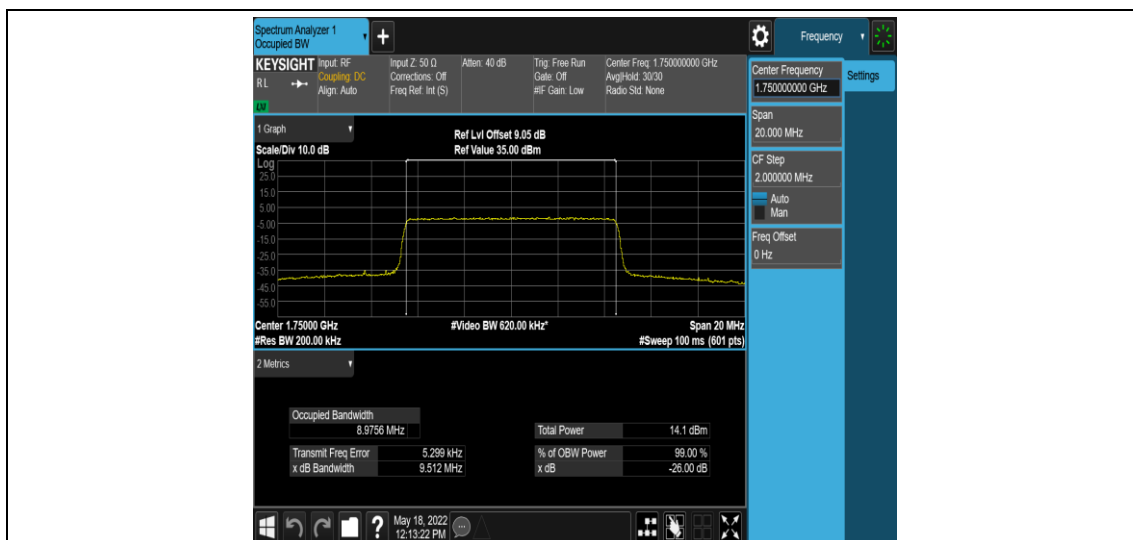
Band4-10MHz-QPSK-20350-50RB#0



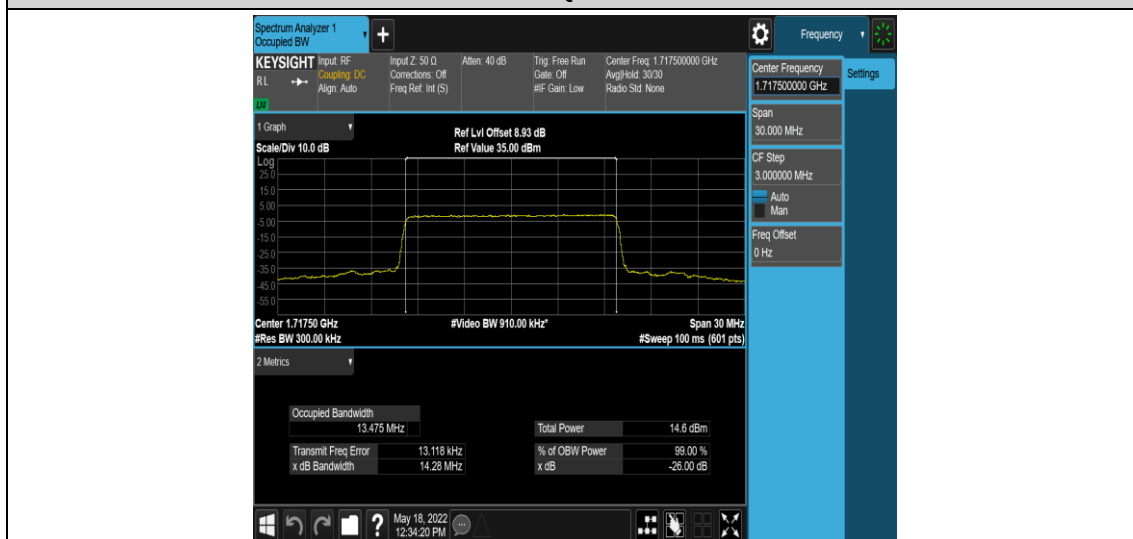
Band4-10MHz-16QAM-20000-50RB#0



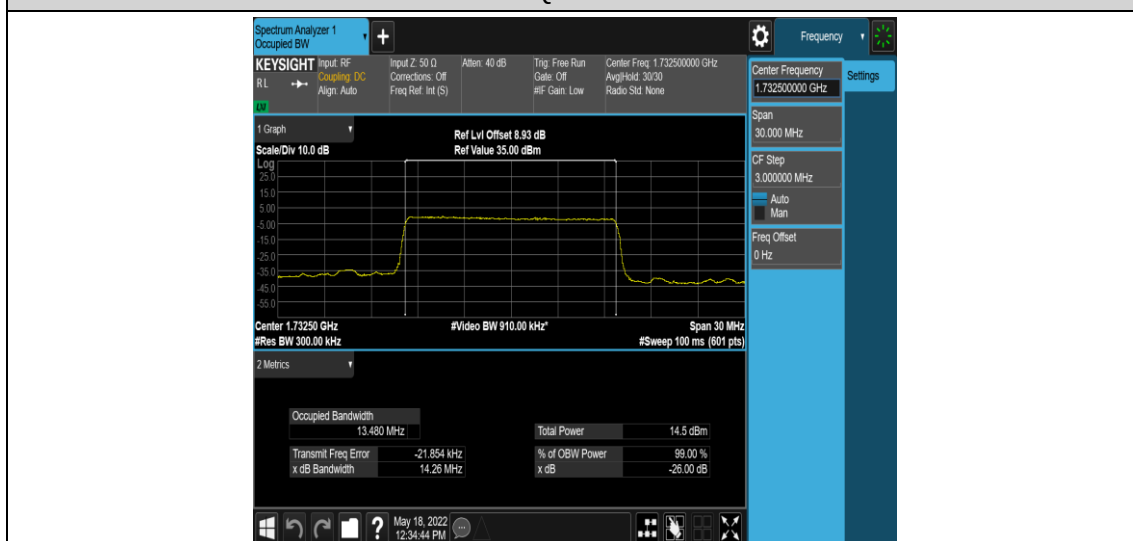
Band4-10MHz-16QAM-20175-50RB#0



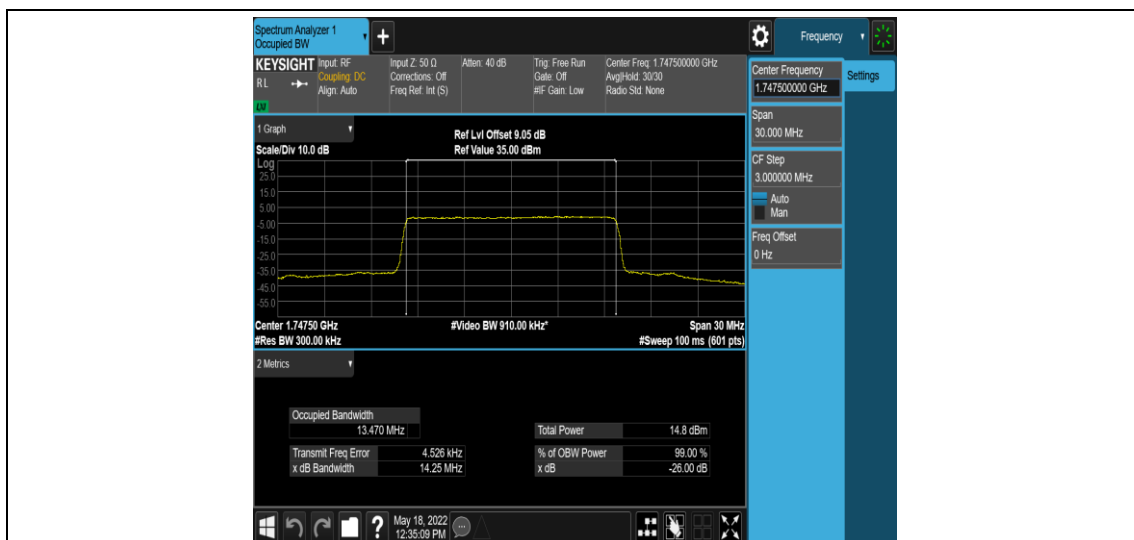
Band4-10MHz-16QAM-20350-50RB#0



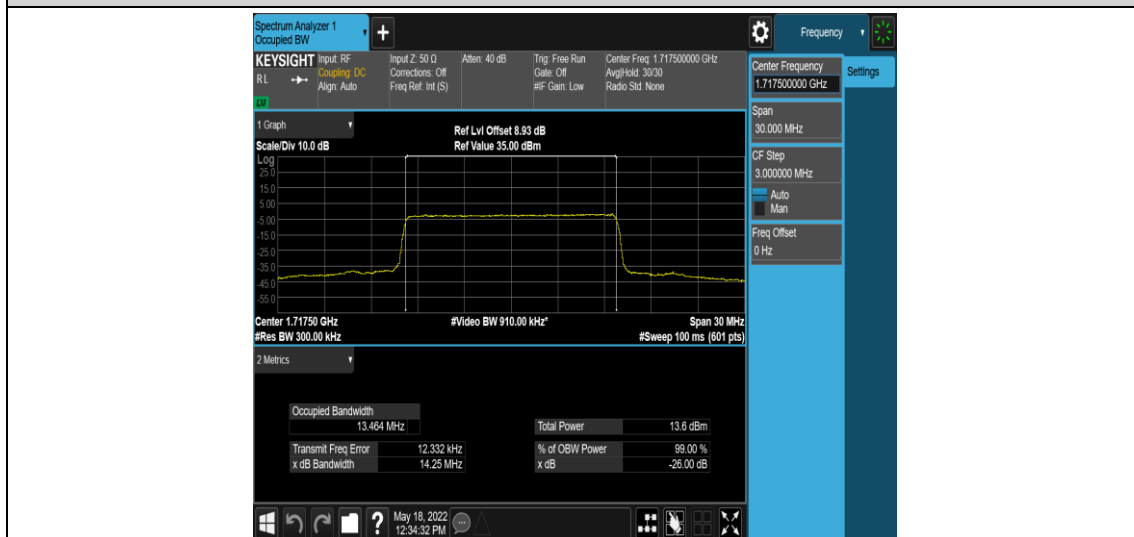
Band4-15MHz-QPSK-20025-75RB#0



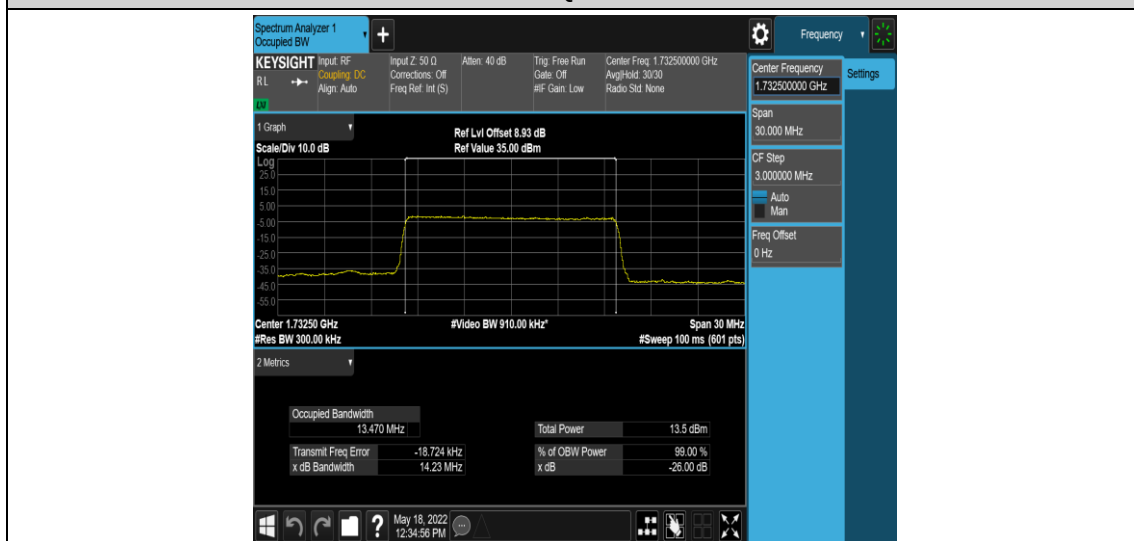
Band4-15MHz-QPSK-20175-75RB#0



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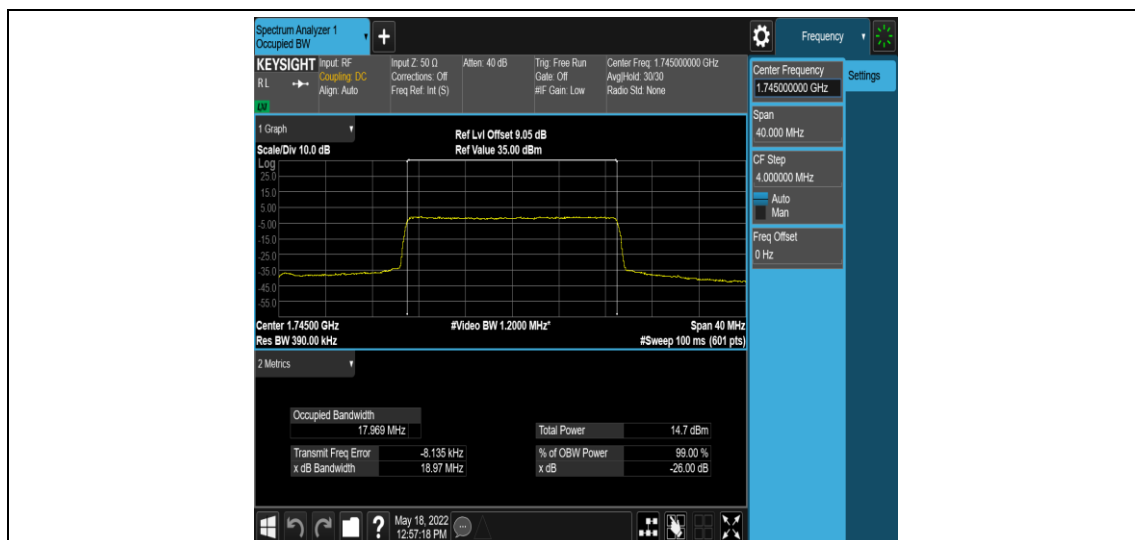


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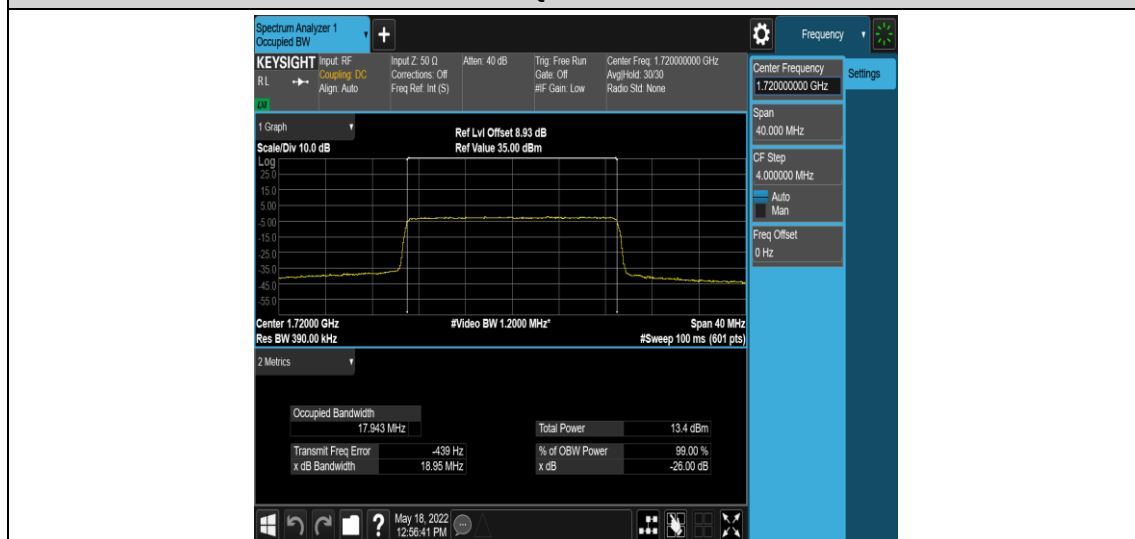


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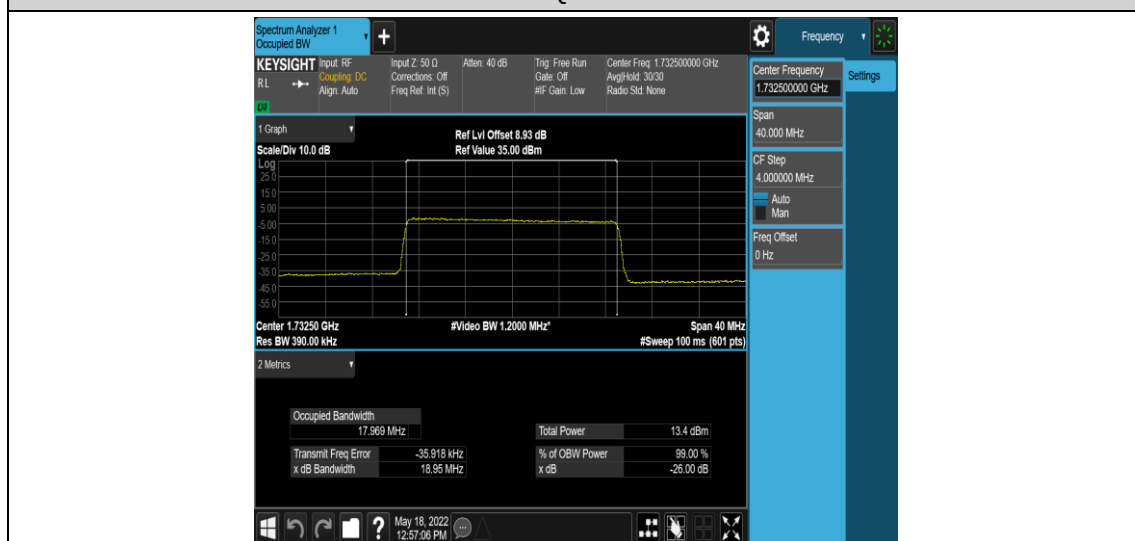




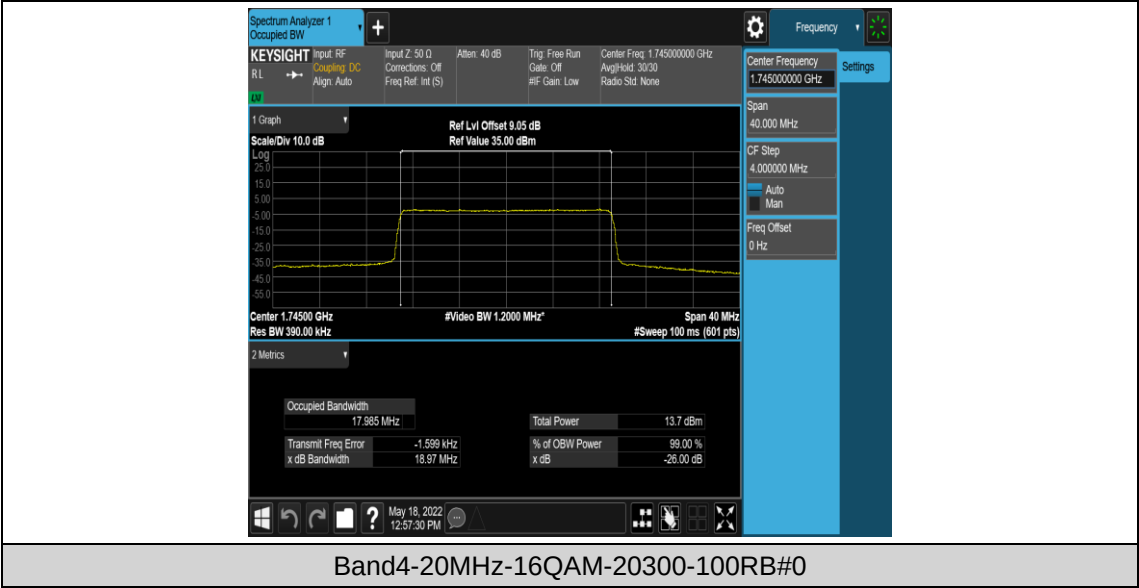
Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20175-100RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	PASS
Band4	3MHz	QPSK	19965	1RB#0	PASS
Band4	3MHz	QPSK	19965	1RB#14	PASS
Band4	3MHz	QPSK	19965	15RB#0	PASS
Band4	3MHz	QPSK	20385	1RB#0	PASS
Band4	3MHz	QPSK	20385	1RB#14	PASS
Band4	3MHz	QPSK	20385	15RB#0	PASS
Band4	3MHz	16QAM	19965	1RB#0	PASS
Band4	3MHz	16QAM	19965	1RB#14	PASS
Band4	3MHz	16QAM	19965	15RB#0	PASS
Band4	3MHz	16QAM	20385	1RB#0	PASS
Band4	3MHz	16QAM	20385	1RB#14	PASS
Band4	3MHz	16QAM	20385	15RB#0	PASS
Band4	5MHz	QPSK	19975	1RB#0	PASS
Band4	5MHz	QPSK	19975	1RB#24	PASS
Band4	5MHz	QPSK	19975	25RB#0	PASS
Band4	5MHz	QPSK	20375	1RB#0	PASS
Band4	5MHz	QPSK	20375	1RB#24	PASS
Band4	5MHz	QPSK	20375	25RB#0	PASS
Band4	5MHz	16QAM	19975	1RB#0	PASS
Band4	5MHz	16QAM	19975	1RB#24	PASS
Band4	5MHz	16QAM	19975	25RB#0	PASS
Band4	5MHz	16QAM	20375	1RB#0	PASS
Band4	5MHz	16QAM	20375	1RB#24	PASS

Band4	5MHz	16QAM	20375	25RB#0	PASS
Band4	10MHz	QPSK	20000	1RB#0	PASS
Band4	10MHz	QPSK	20000	1RB#49	PASS
Band4	10MHz	QPSK	20000	50RB#0	PASS
Band4	10MHz	QPSK	20350	1RB#0	PASS
Band4	10MHz	QPSK	20350	1RB#49	PASS
Band4	10MHz	QPSK	20350	50RB#0	PASS
Band4	10MHz	16QAM	20000	1RB#0	PASS
Band4	10MHz	16QAM	20000	1RB#49	PASS
Band4	10MHz	16QAM	20000	50RB#0	PASS
Band4	10MHz	16QAM	20350	1RB#0	PASS
Band4	10MHz	16QAM	20350	1RB#49	PASS
Band4	10MHz	16QAM	20350	50RB#0	PASS
Band4	15MHz	QPSK	20025	1RB#0	PASS
Band4	15MHz	QPSK	20025	1RB#74	PASS
Band4	15MHz	QPSK	20025	75RB#0	PASS
Band4	15MHz	QPSK	20325	1RB#0	PASS
Band4	15MHz	QPSK	20325	1RB#74	PASS
Band4	15MHz	QPSK	20325	75RB#0	PASS
Band4	15MHz	16QAM	20025	1RB#0	PASS
Band4	15MHz	16QAM	20025	1RB#74	PASS
Band4	15MHz	16QAM	20025	75RB#0	PASS
Band4	15MHz	16QAM	20325	1RB#0	PASS
Band4	15MHz	16QAM	20325	1RB#74	PASS
Band4	15MHz	16QAM	20325	75RB#0	PASS
Band4	20MHz	QPSK	20050	1RB#0	PASS
Band4	20MHz	QPSK	20050	1RB#99	PASS
Band4	20MHz	QPSK	20050	100RB#0	PASS
Band4	20MHz	QPSK	20300	1RB#0	PASS
Band4	20MHz	QPSK	20300	1RB#99	PASS
Band4	20MHz	QPSK	20300	100RB#0	PASS
Band4	20MHz	16QAM	20050	1RB#0	PASS
Band4	20MHz	16QAM	20050	1RB#99	PASS
Band4	20MHz	16QAM	20050	100RB#0	PASS
Band4	20MHz	16QAM	20300	1RB#0	PASS
Band4	20MHz	16QAM	20300	1RB#99	PASS
Band4	20MHz	16QAM	20300	100RB#0	PASS

Spectrum Analyzer 1
Sweep SA

KEYSIGHT Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)

#Attm: 40 dB
PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off

#Avg Type: Power (RMS)
Avg/Hold: 30/30
Trng: Free Run
M: M W W W W W
A: A A A A A A

1 Spectrum
Scale/Div 10 dB
Log

Ref Lvl Offset 8.93 dB
Ref Level 31.93 dBm

Mkr1 1.710 000 GHz
-25.04 dBm

21.0
19.0
17.0
15.0
13.0
11.0
9.0
7.0
5.0
3.0
1.0
-1.0
-3.0
-5.0

1.709 000 000 GHz
1.710 000 000 GHz
1.711 000 000 GHz

0.000 000 MHz
2.000 000 MHz

Start Freq
1.709 000 000 GHz

Stop Freq
1.711 000 000 GHz

AUTO TUNE

CF Step
200.000 kHz

Freq Offset
0 Hz

X Axis Scale
Log
Lin

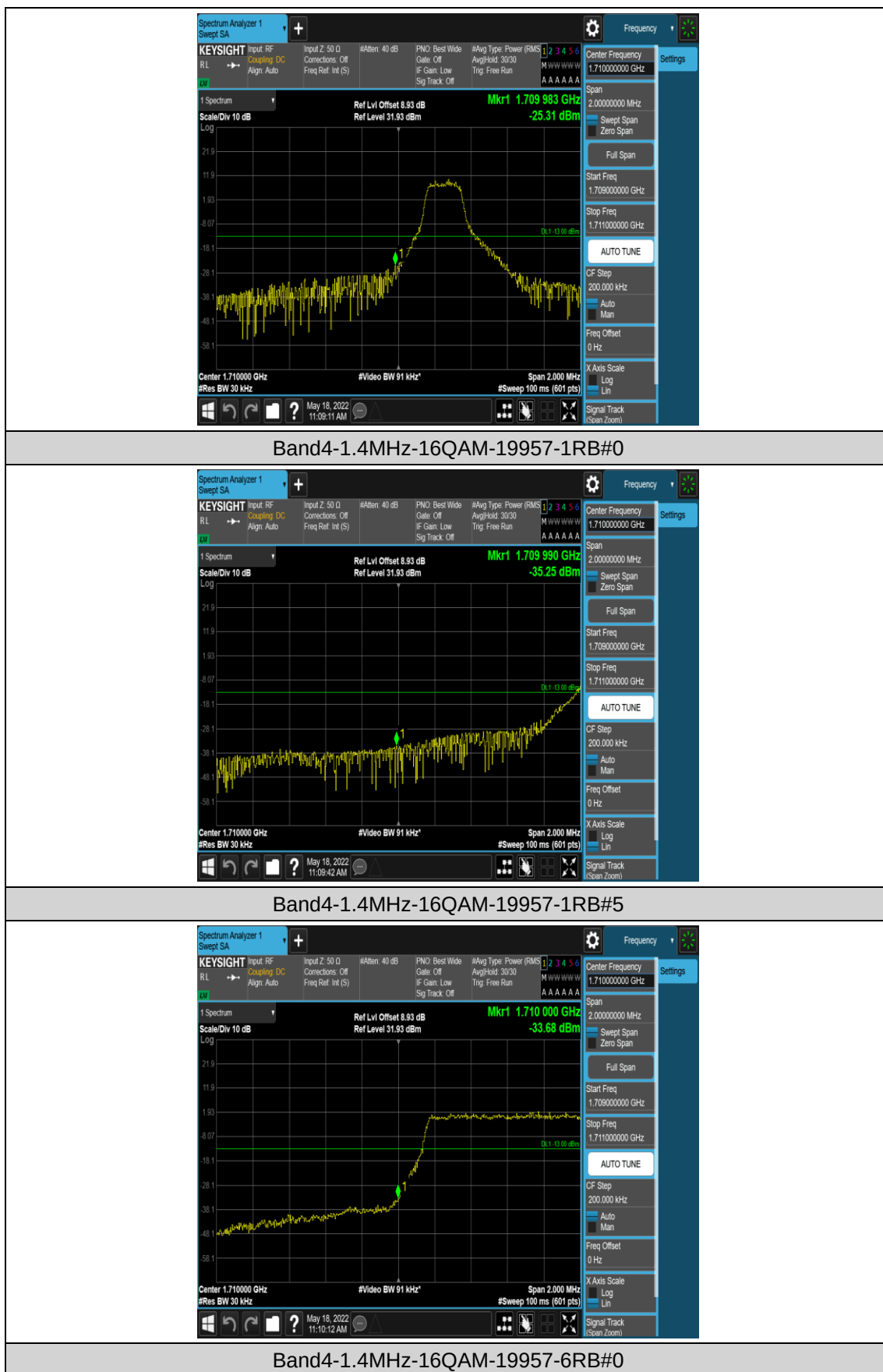
Center 1.710000 GHz
#Res BW 30 kHz

#Video BW 91 kHz

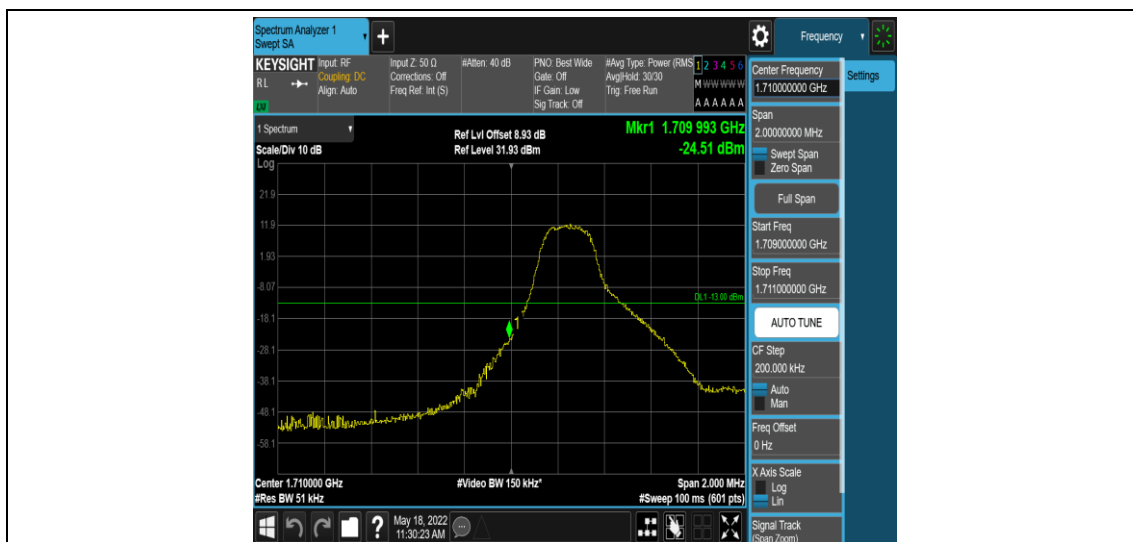
Span 2.000 MHz
#Sweep 100 ms (601 pts)

May 18, 2022
11:08:56 AM

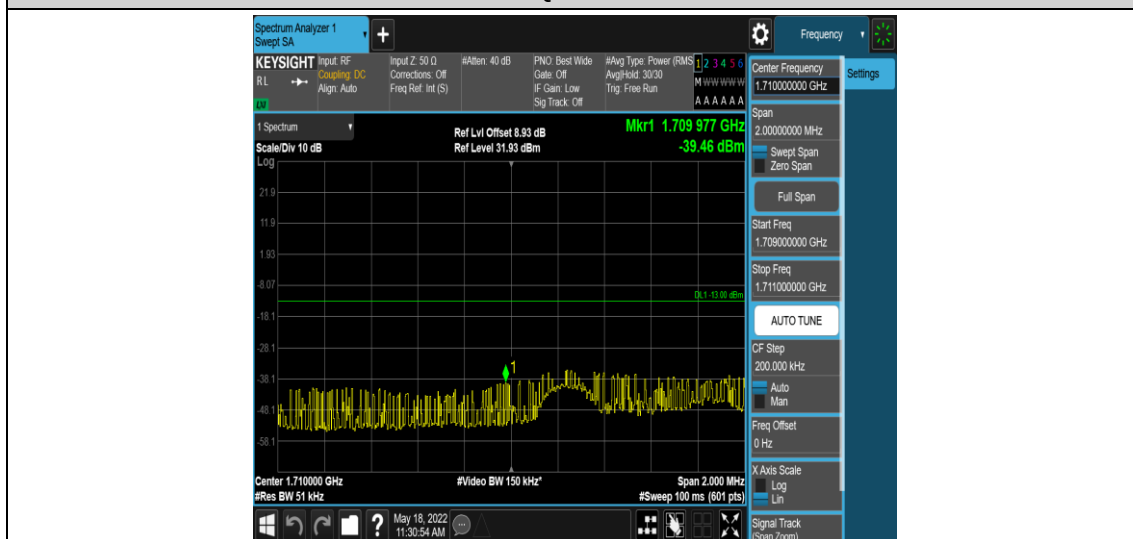








Band4-3MHz-QPSK-19965-1RB#0



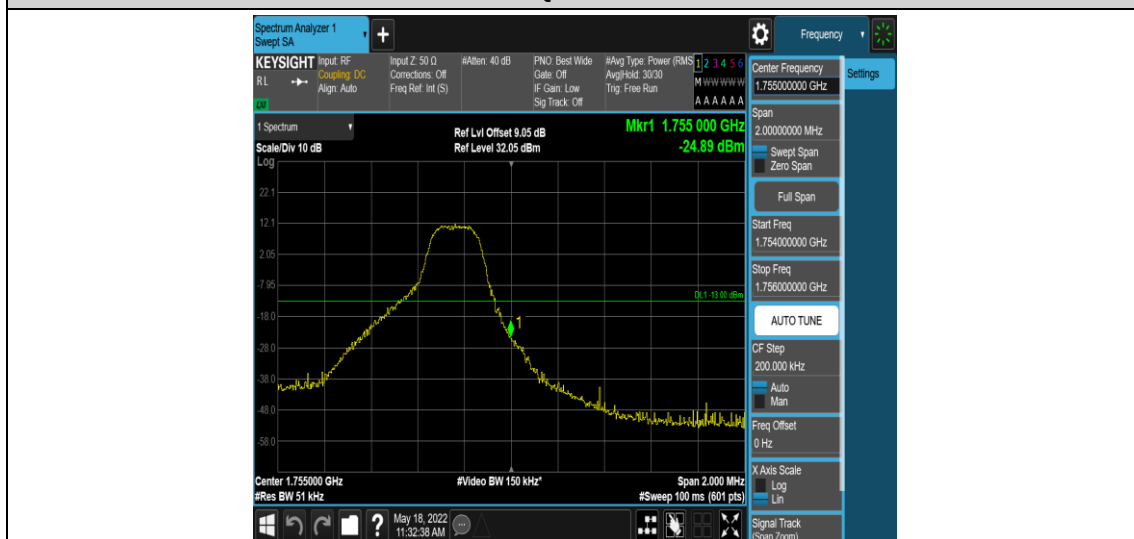
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Band4-3MHz-QPSK-19965-15RB#0



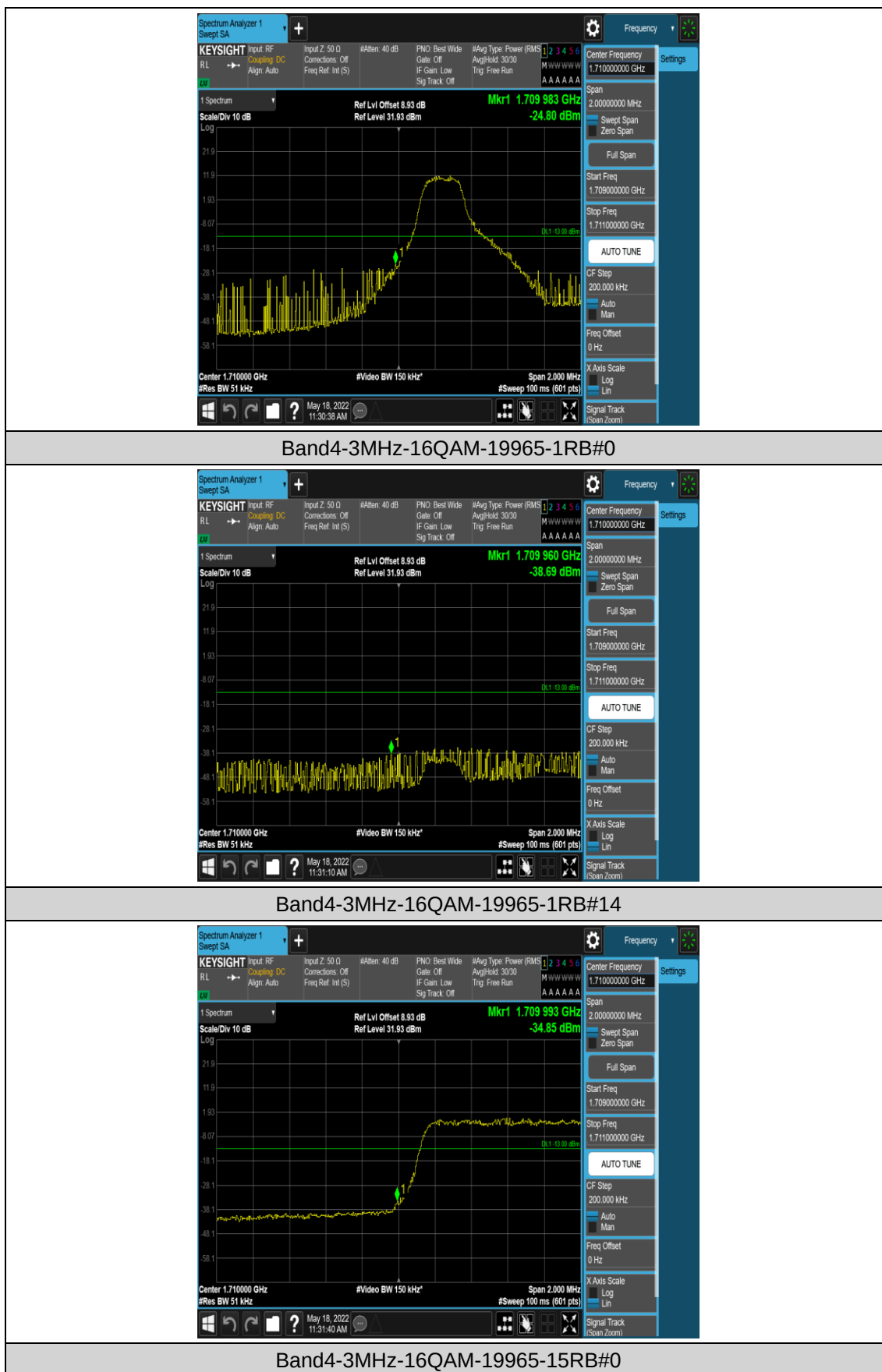
Band4-3MHz-QPSK-20385-1RB#0



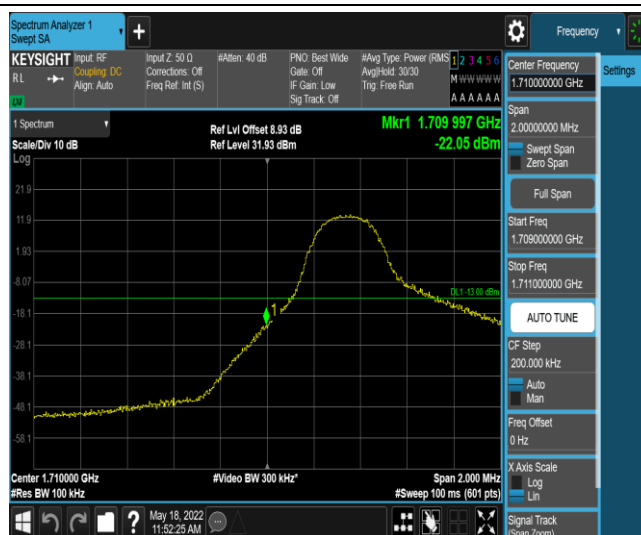
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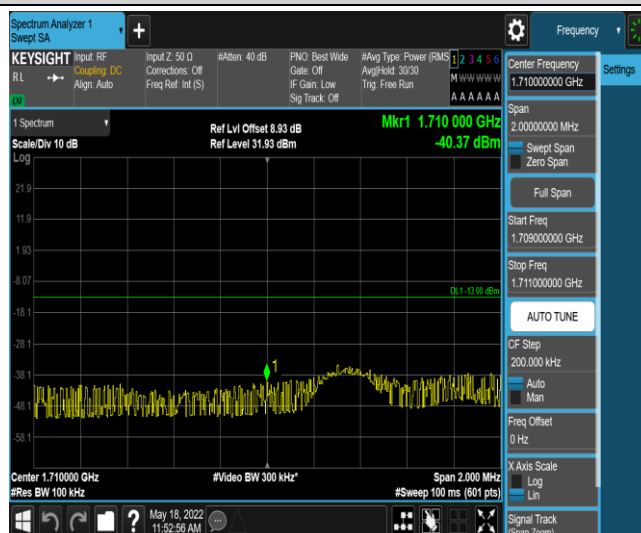
Band4-3MHz-QPSK-20385-15RB#0







Band4-5MHz-QPSK-19975-1RB#0



Band4-5MHz-QPSK-19975-1RB#24



Band4-5MHz-QPSK-19975-25RB#0