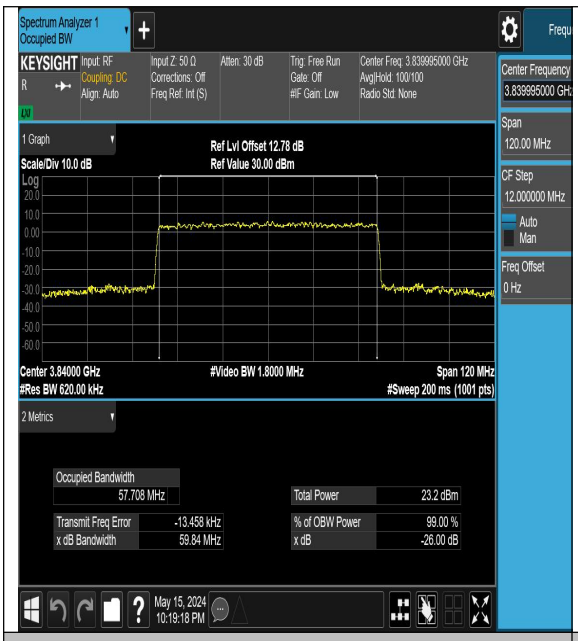

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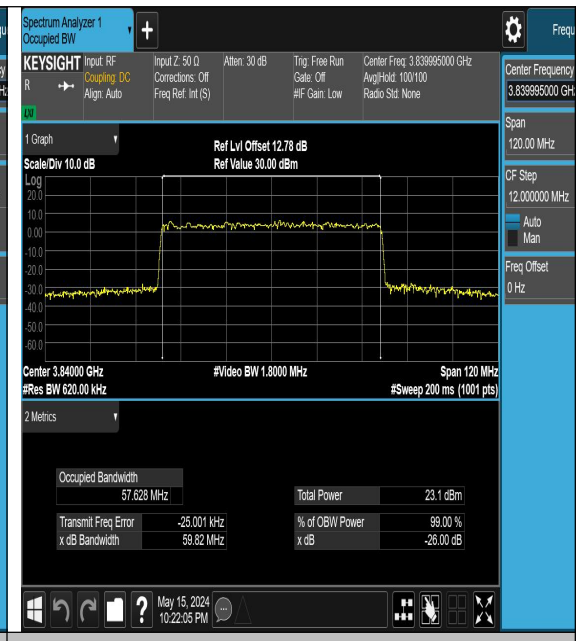

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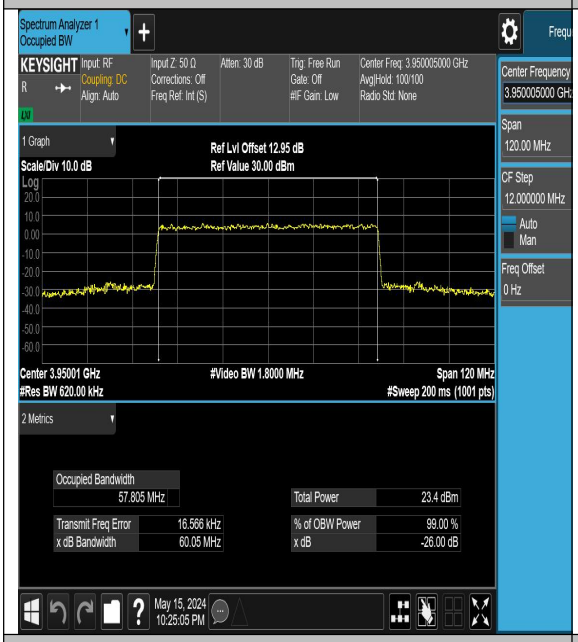

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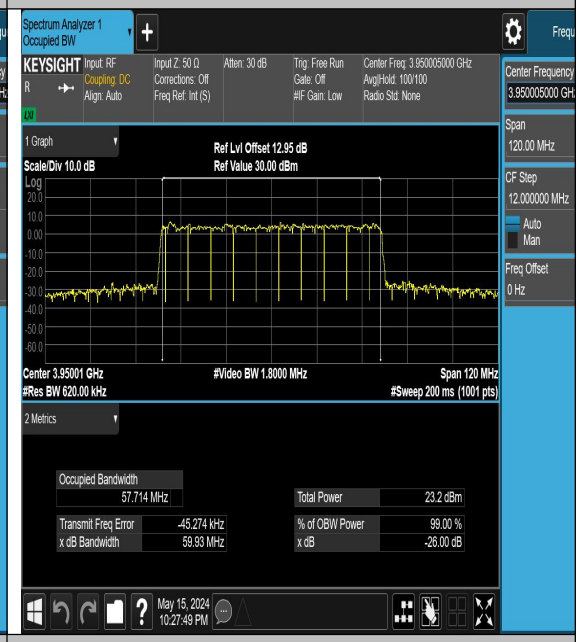

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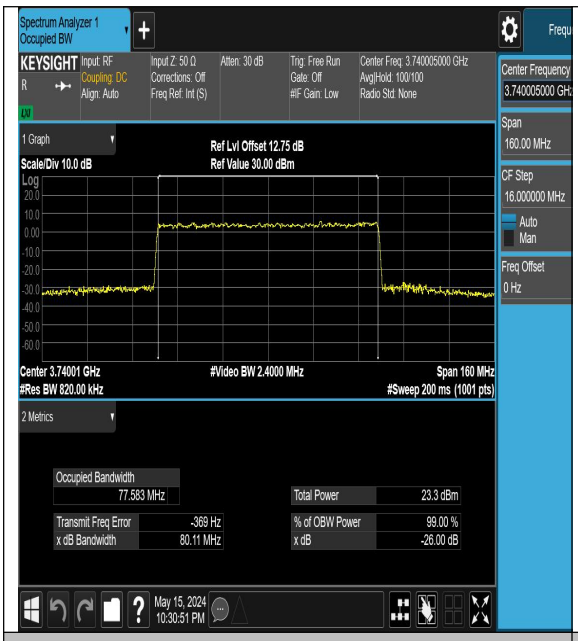

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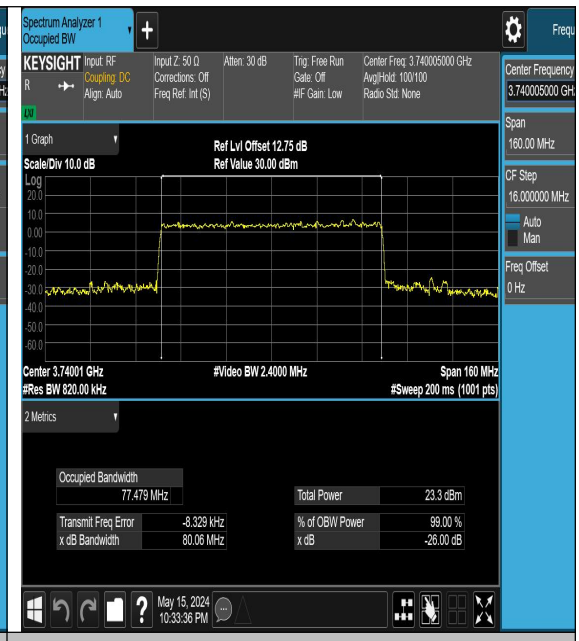

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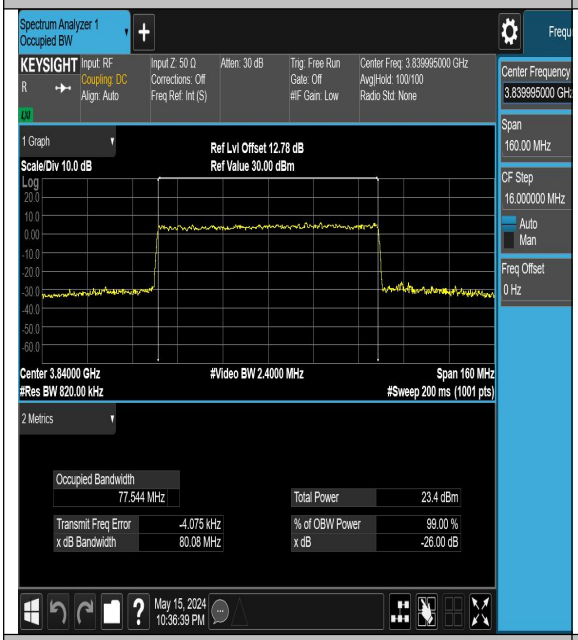

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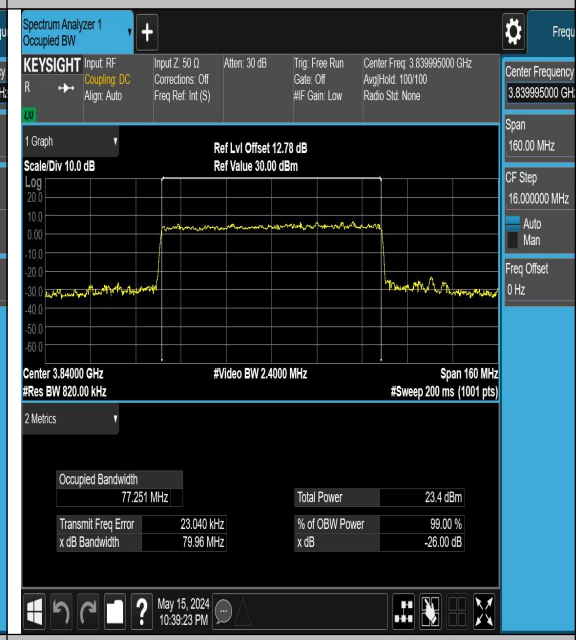

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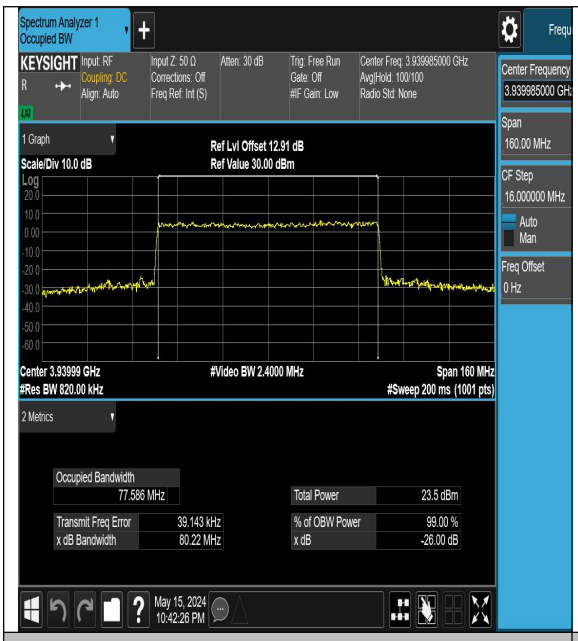

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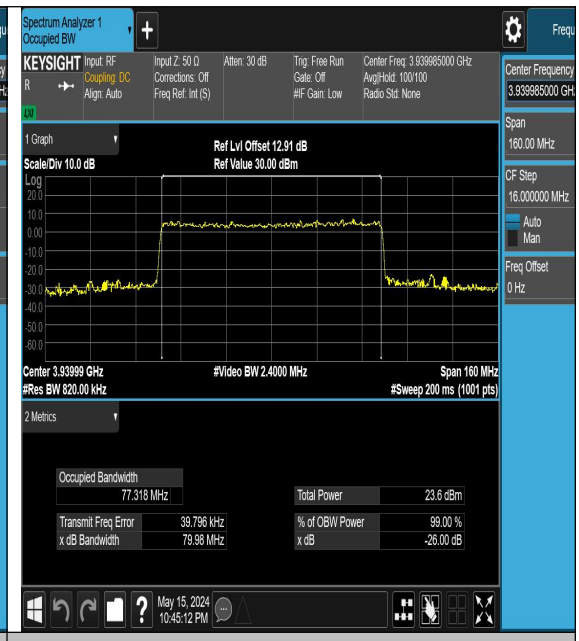

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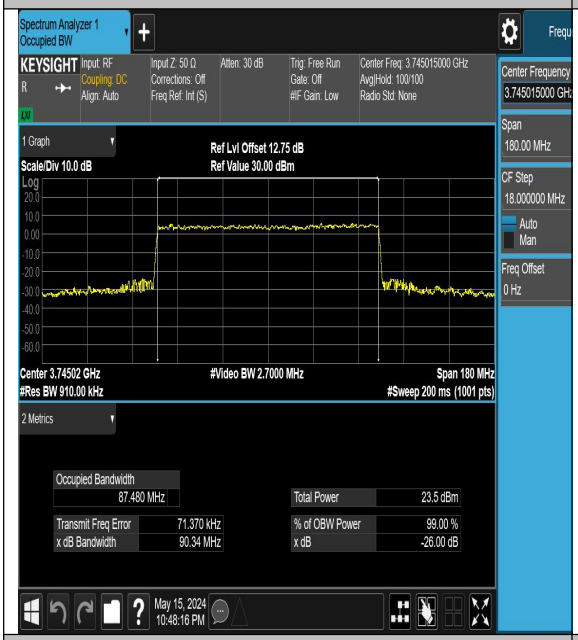

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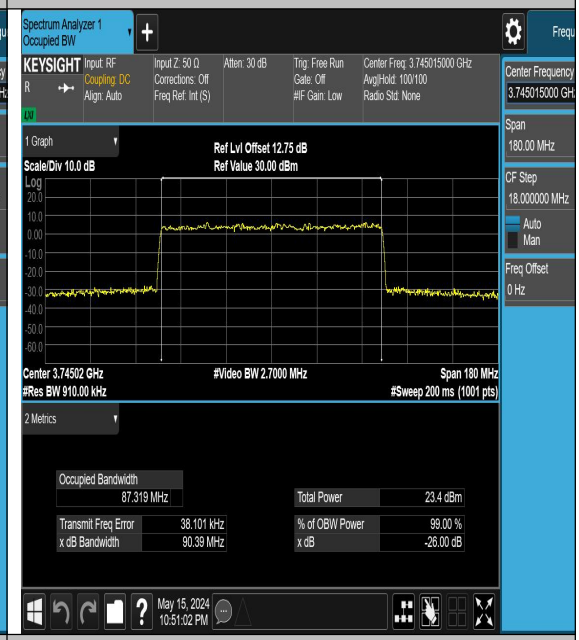

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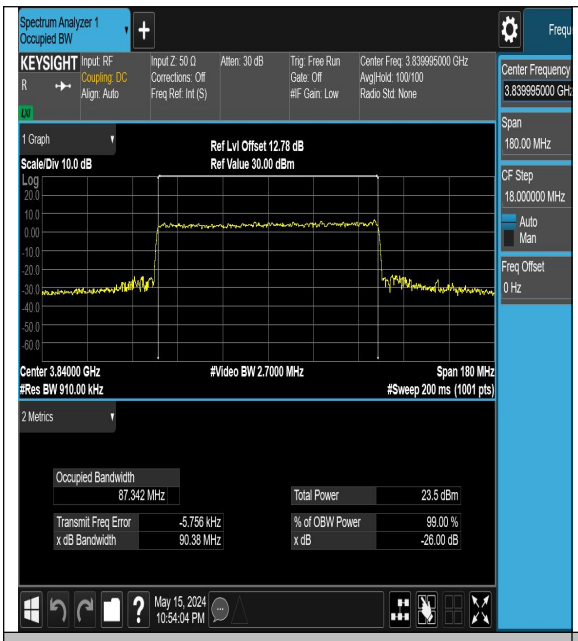

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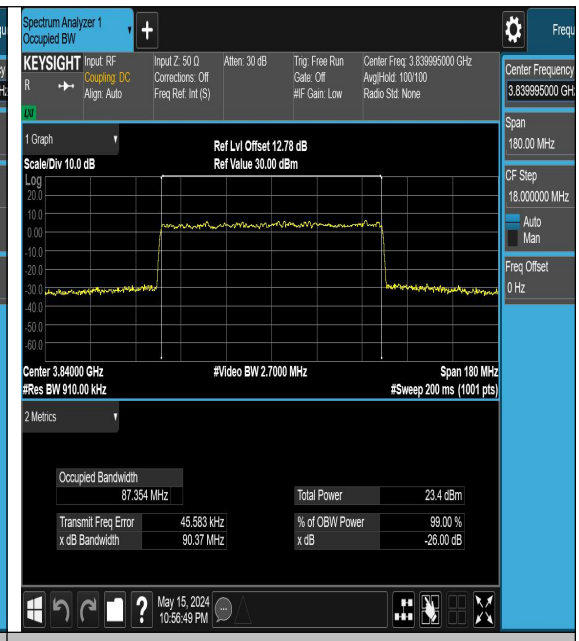

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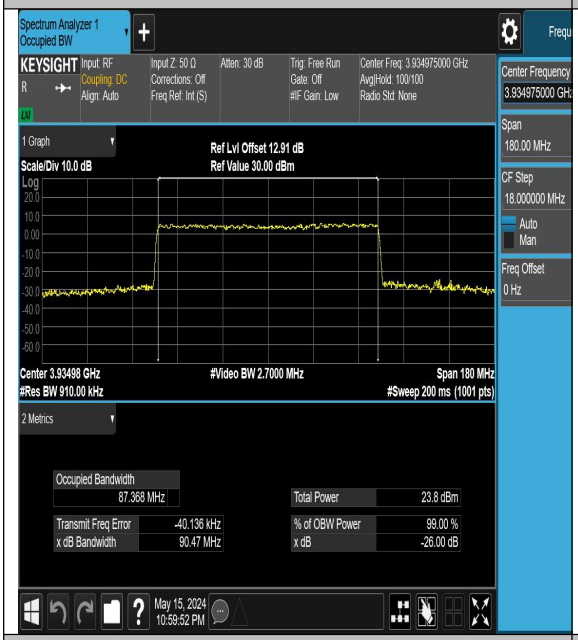

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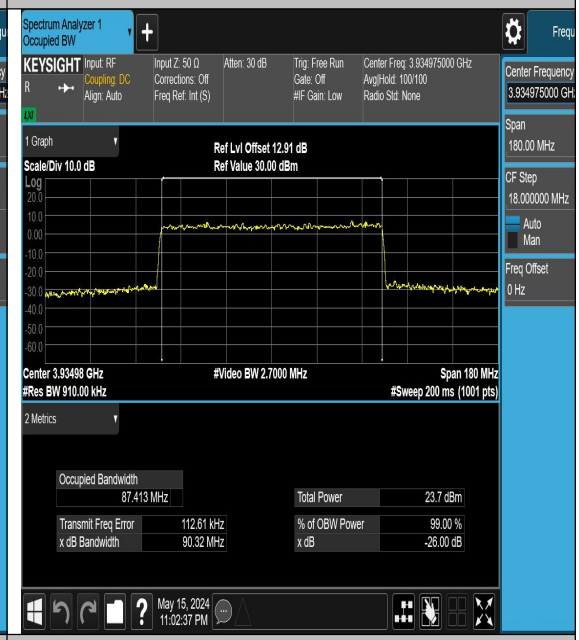

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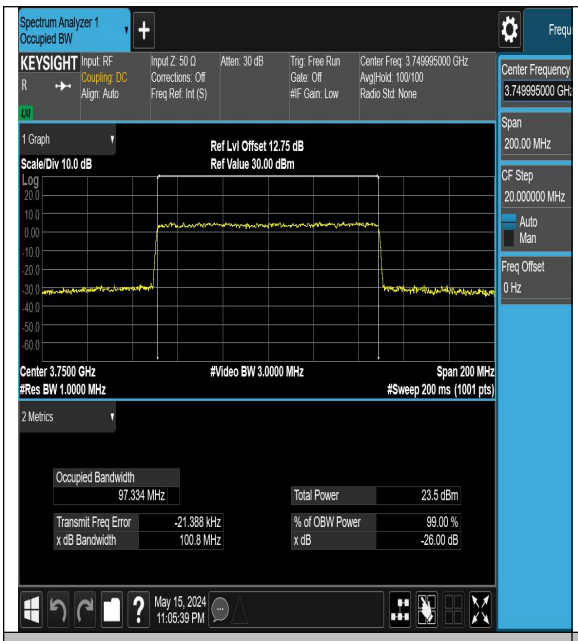

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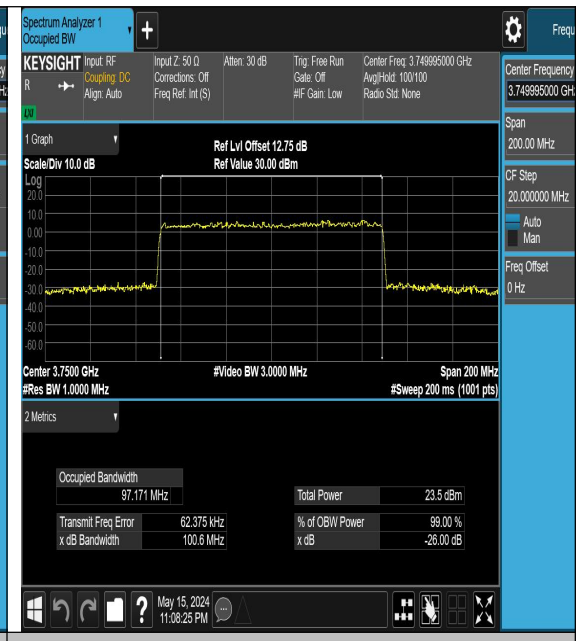

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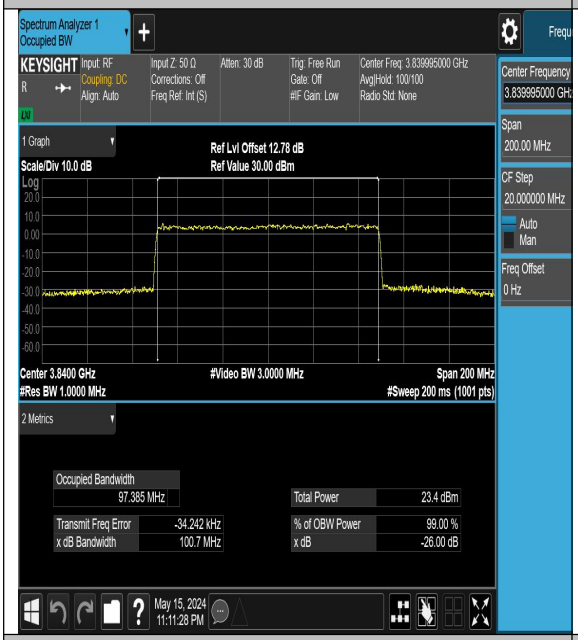

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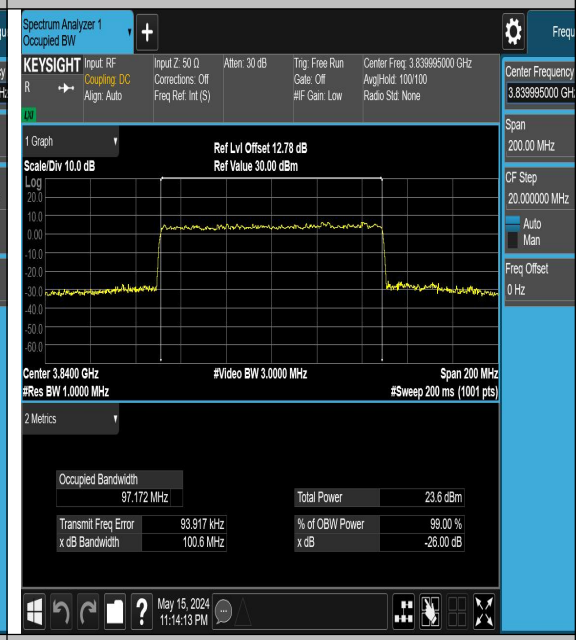

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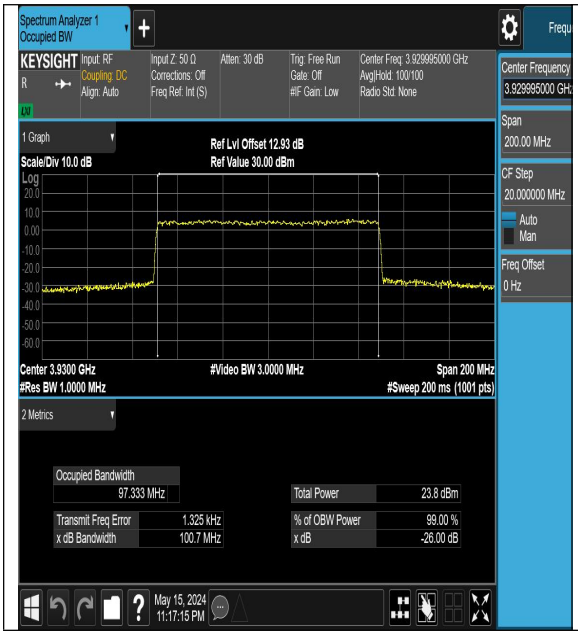
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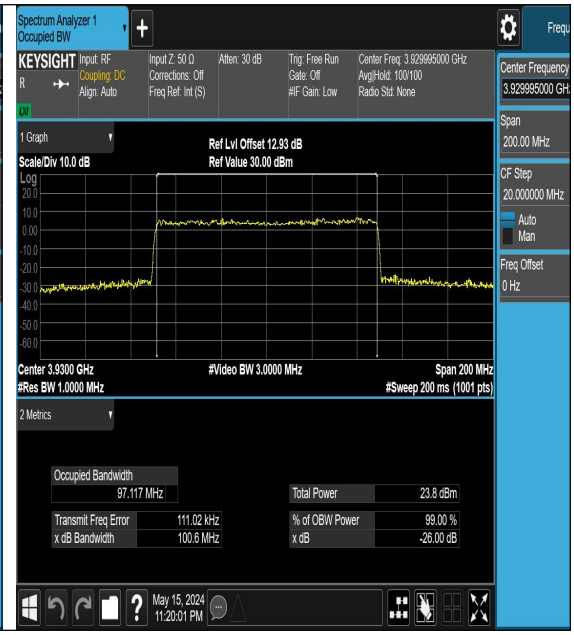
Occupied BW
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
Atten: 30 dB
Trig: Free Run
Gate: Off
#IF Gain: Low
Center Freq: 3.929995000 GHz
Avg|Hold: 100/100
Radio Std: None
Center Frequency
3.929995000 GHz
Span
200.00 MHz
CF Step
20.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Graph
Ref Lvl Offset 12.93 dB
Ref Value 30.00 dBm
Scale/Div 10.0 dB
Log
Center 3.9300 GHz
#Res BW 1.0000 MHz
#Video BW 3.0000 MHz
Span 200 MHz
#Sweep 200 ms (1001 pts)
2 Metrics
Occupied Bandwidth
97.333 MHz
Total Power
23.8 dBm
Transmit Freq Error
1.325 kHz
x dB Bandwidth
100.7 MHz
% of OBW Power
99.00 %
x dB
-26.00 dB
May 15, 2024
11:17:15 PM


Spectrum Analyzer 1
Occupied BW
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
Atten: 30 dB
Trig: Free Run
Gate: Off
#IF Gain: Low
Center Freq: 3.929995000 GHz
Avg|Hold: 100/100
Radio Std: None
Center Frequency
3.929995000 GHz
Span
200.00 MHz
CF Step
20.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Graph
Ref Lvl Offset 12.93 dB
Ref Value 30.00 dBm
Scale/Div 10.0 dB
Log
Center 3.9300 GHz
#Res BW 1.0000 MHz
#Video BW 3.0000 MHz
Span 200 MHz
#Sweep 200 ms (1001 pts)
2 Metrics
Occupied Bandwidth
97.117 MHz
Total Power
23.8 dBm
Transmit Freq Error
111.02 kHz
x dB Bandwidth
100.6 MHz
% of OBW Power
99.00 %
x dB
-26.00 dB
May 15, 2024
11:20:01 PM

Appendix D: Band Edge for SA

Test Result

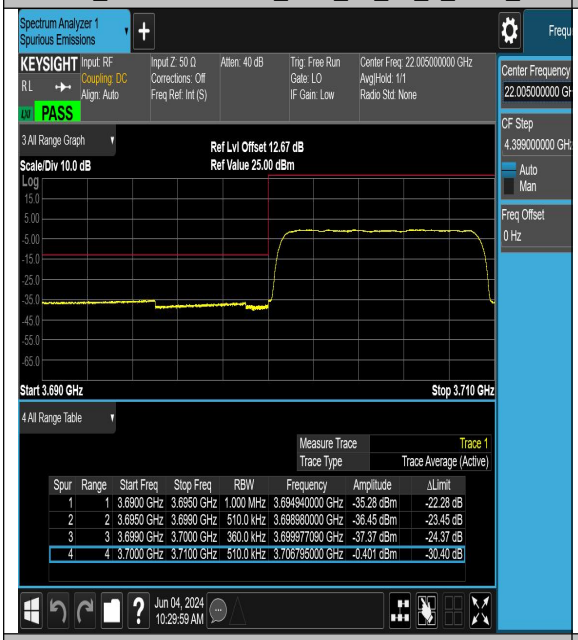
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Verdict
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Edge_1RB_Left	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Edge_1RB_Right	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Edge_1RB_Left	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Edge_1RB_Right	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Edge_1RB_Left	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Edge_1RB_Right	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Outer_Full	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Edge_1RB_Left	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Outer_Full	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Edge_1RB_Right	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Edge_1RB_Left	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	PASS

N77-3700-3980	30	40	DFT-QPSK	H	Edge_1RB_Right	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Edge_1RB_Left	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Edge_1RB_Right	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Edge_1RB_Left	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Edge_1RB_Right	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Edge_1RB_Left	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Edge_1RB_Right	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Edge_1RB_Left	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Edge_1RB_Right	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Edge_1RB_Left	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	PASS
N77-3700-	30	100	DFT-QPSK	H	Edge_1RB_Right	PASS

3980						

Test Graphs

NTNV_N77-3700-3980_PC2_30_10_L_TID9_#1



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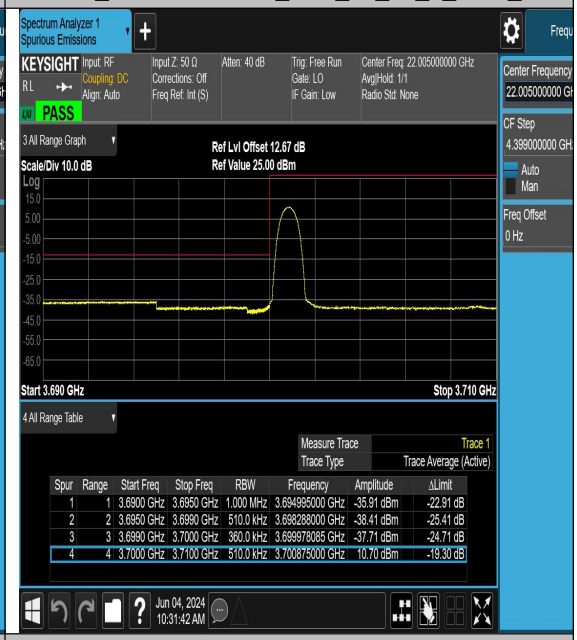

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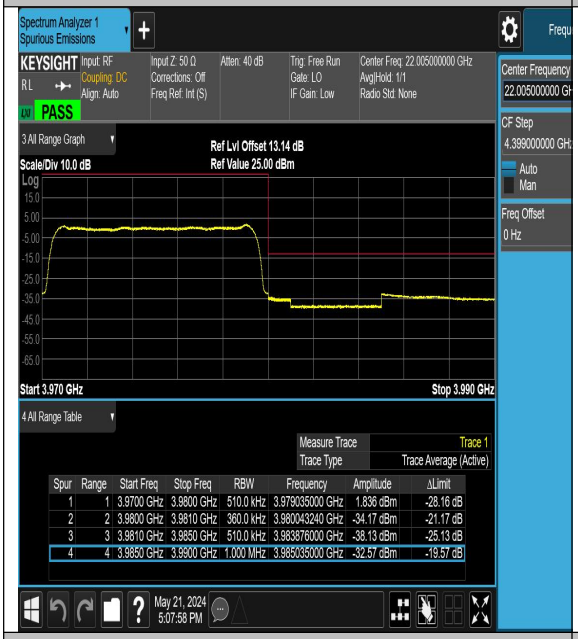

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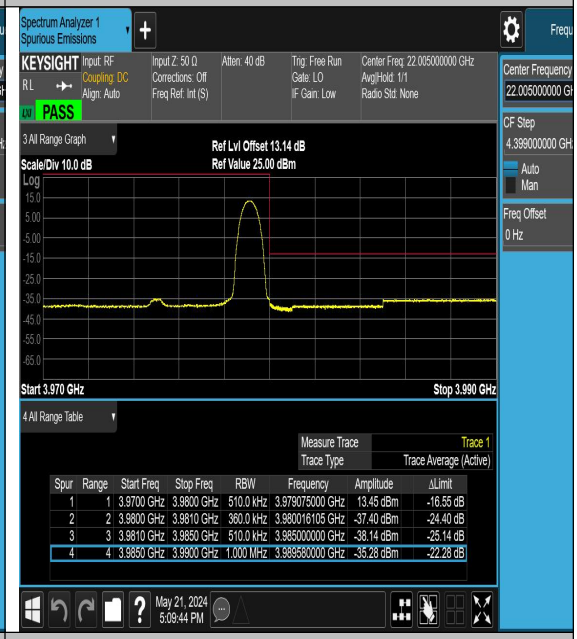

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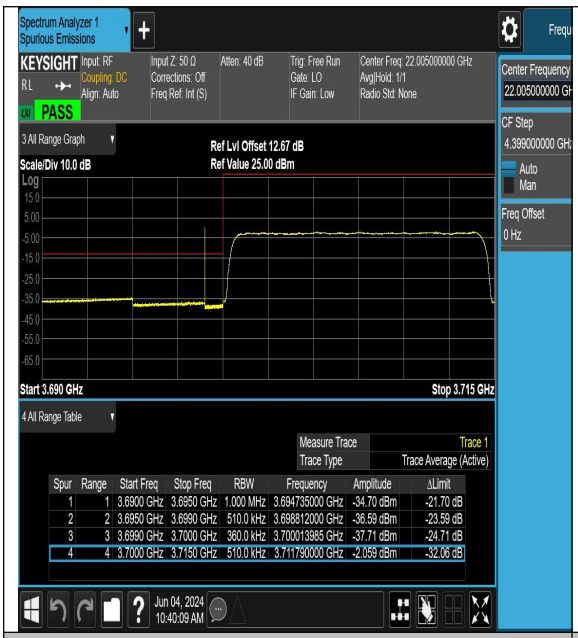

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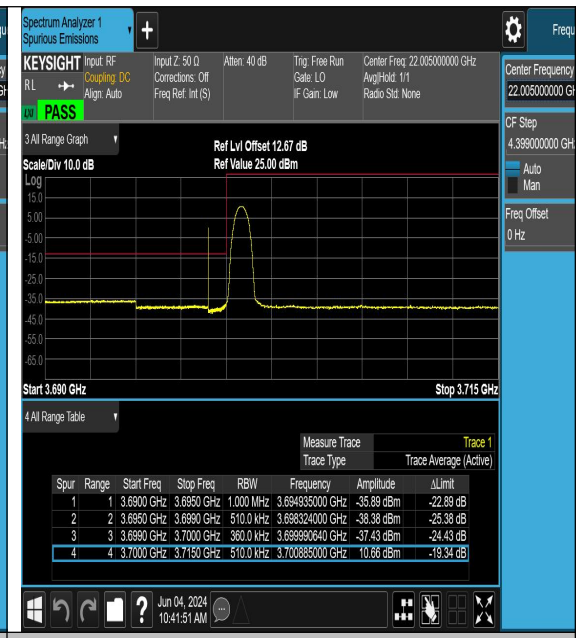

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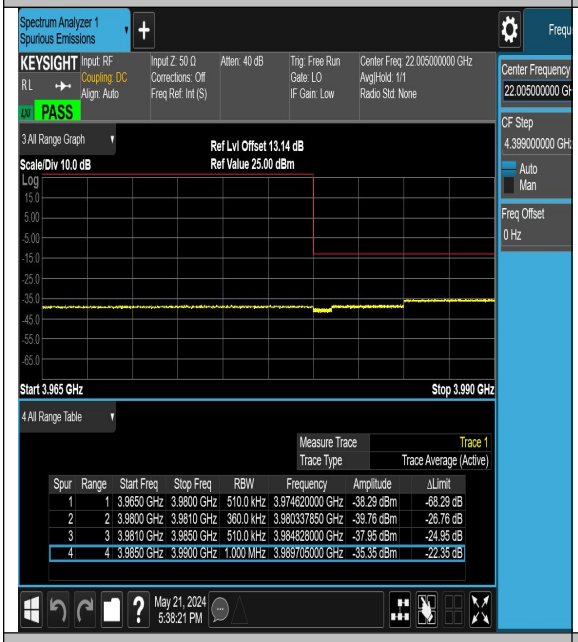

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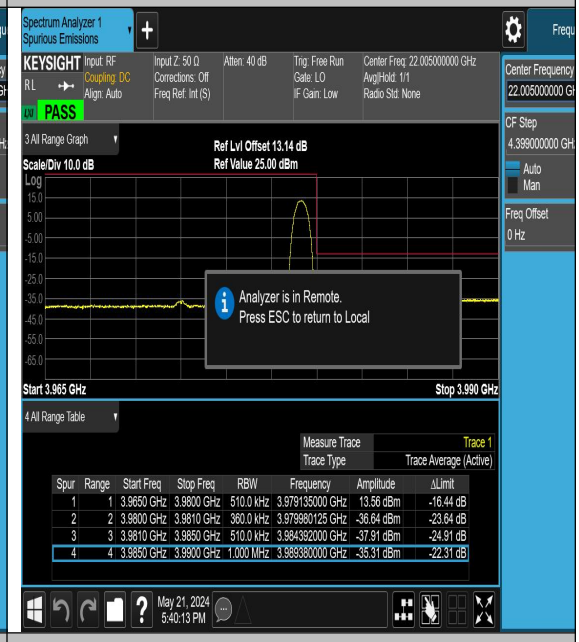

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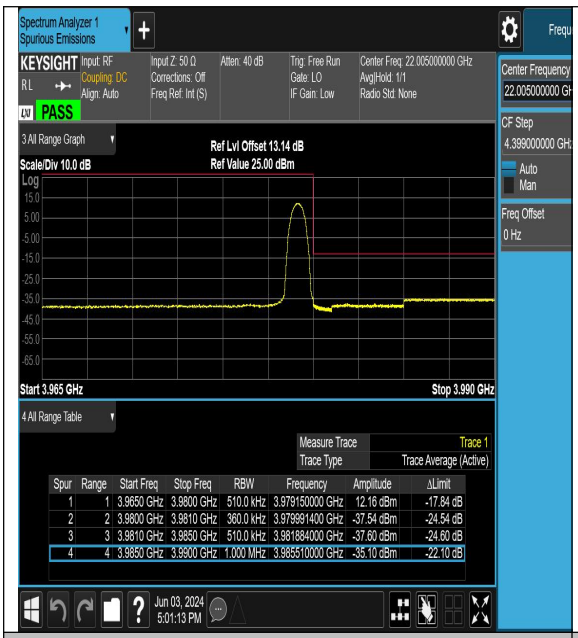

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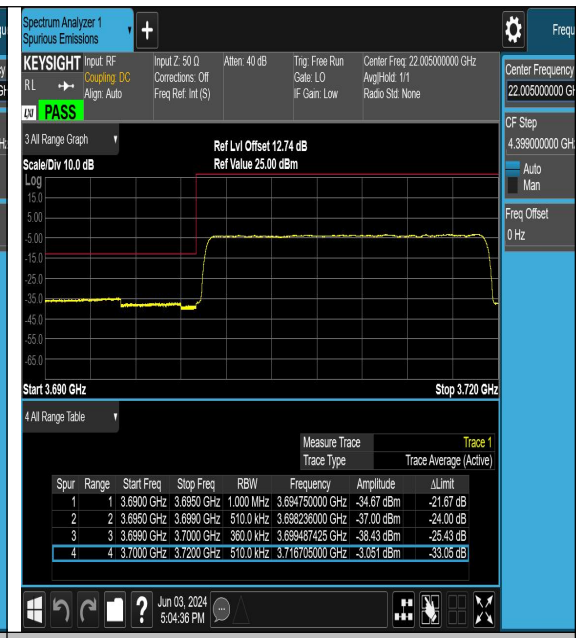

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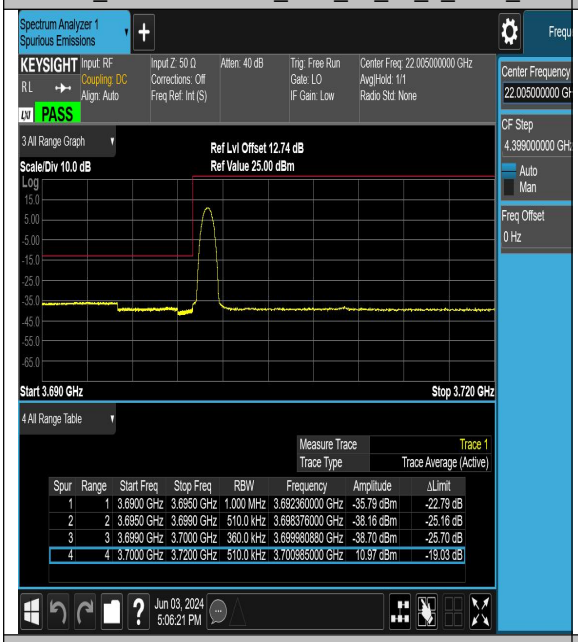

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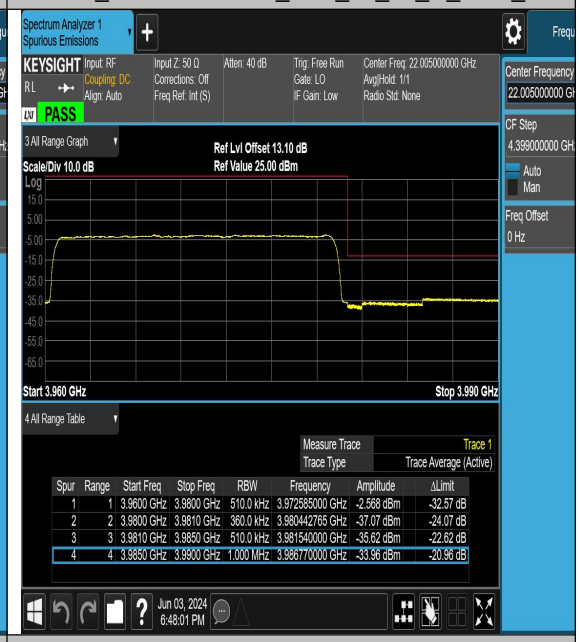

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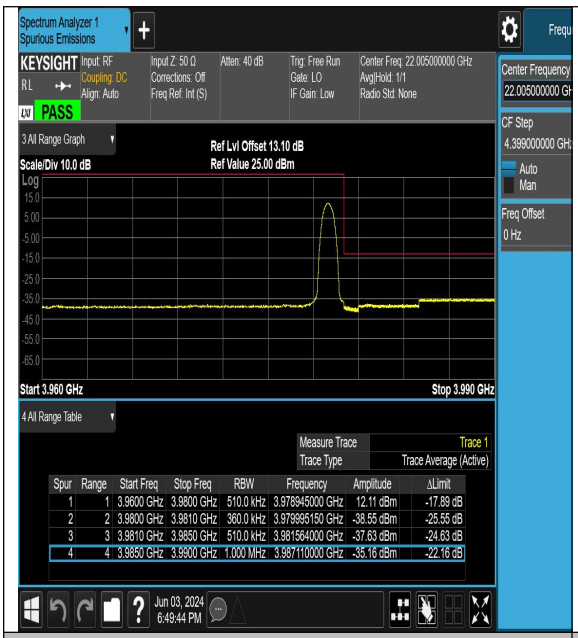

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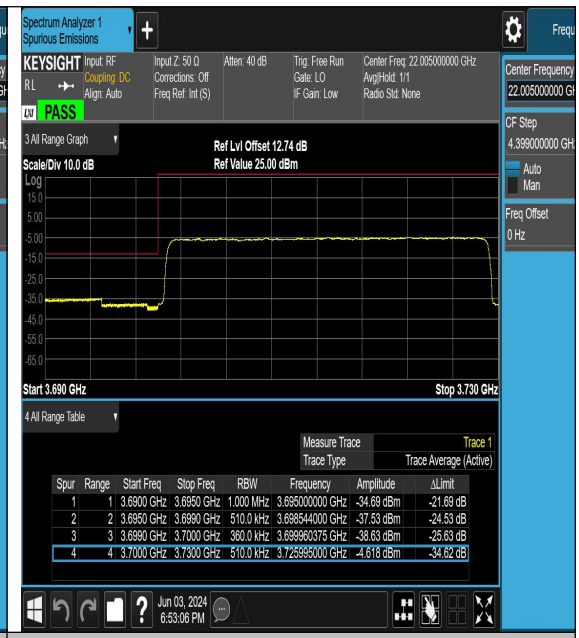

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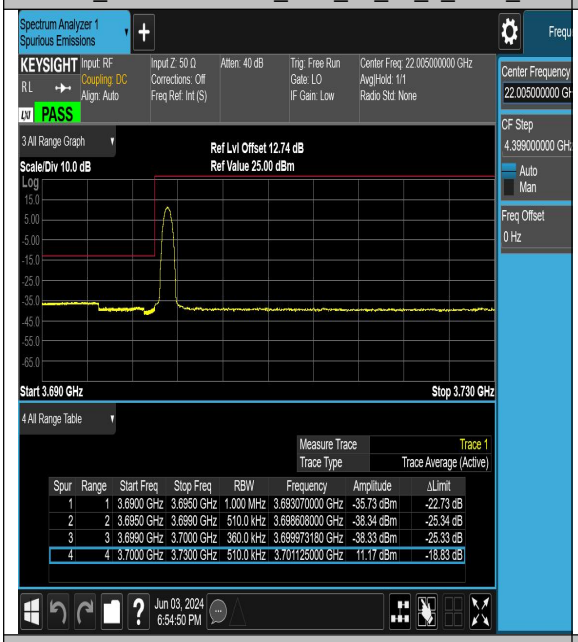

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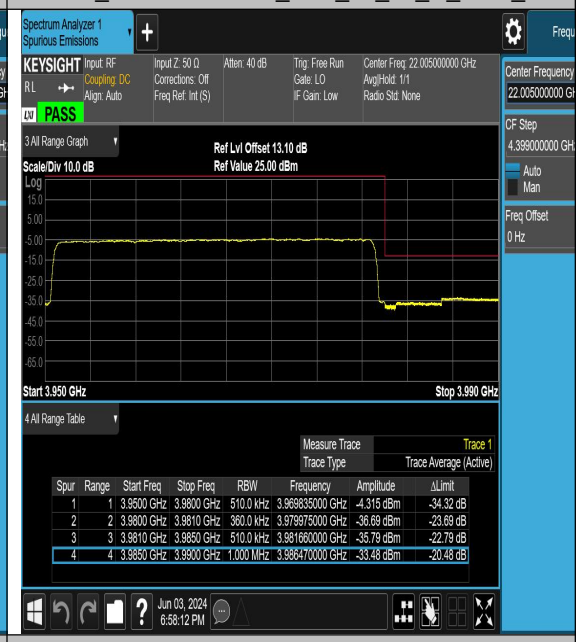

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