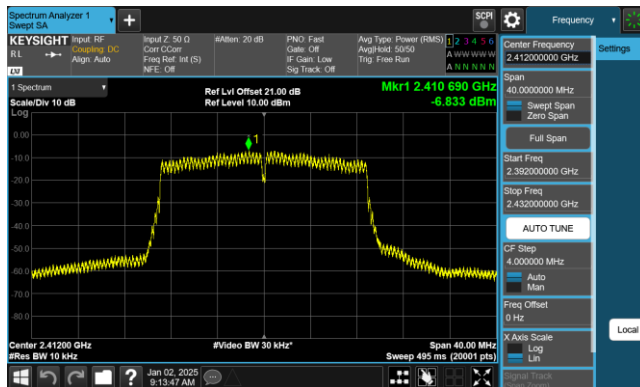
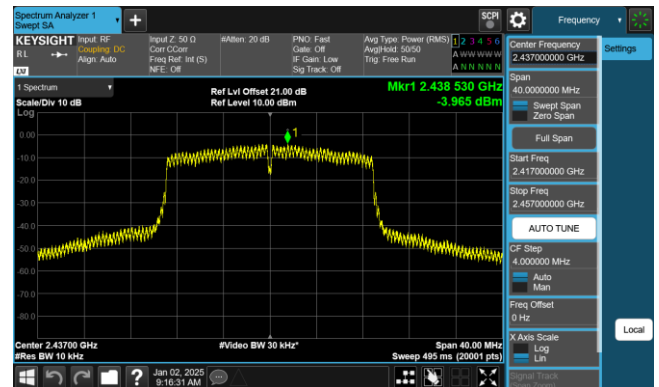


802.11n-HT20 AVGPSPD – Ant 1 – CDD Mode

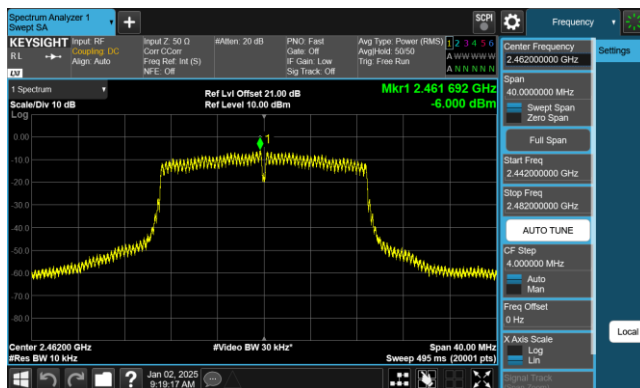
Channel 01 (2412MHz)



Channel 06 (2437MHz)

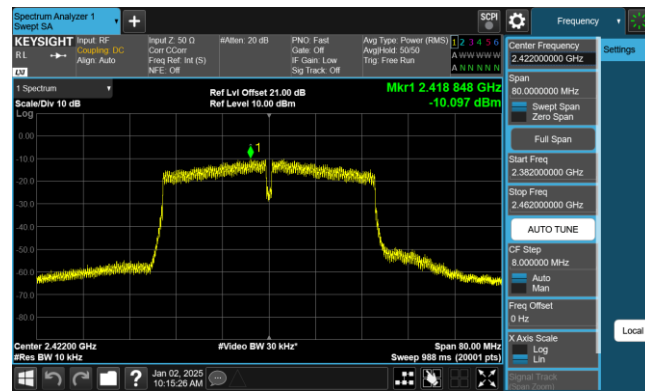


Channel 11 (2462MHz)

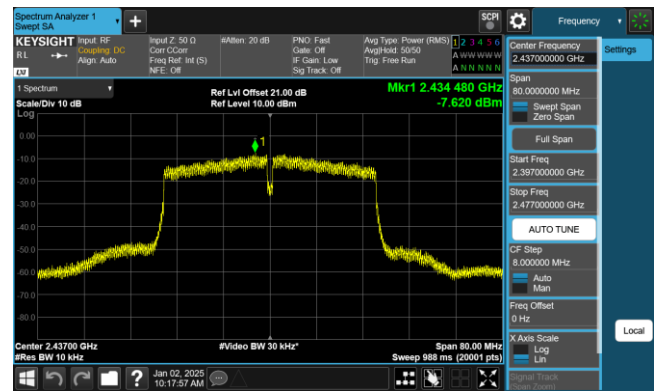


802.11n-HT40 AVGPSPD – Ant 1 – CDD Mode

Channel 03 (2422MHz)



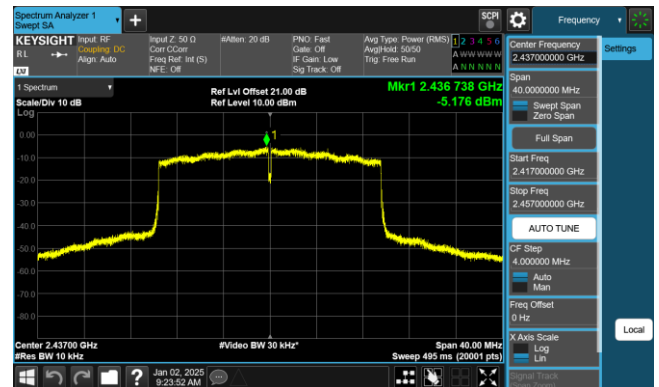
Channel 06 (2437MHz)



Channel 09 (2452MHz)



Channel 06 (2437MHz)



Spectrum Analyzer 1
Sweep SA

Input: RF
Coupling: DC
Amp: Auto

Input 2: 50 Ω
Cord Conn
Fwd Ref: Ref (S)
NFE: Off

#Att: 20 dB

PNO: Fast
Gate: Off
IF Span: Low
Sig Track: Off

Avg Type: Power (RMS)
Aver/Samp: 50/50
Tps: Free Run

1 2 3 4 5
A W W W W W
A H N N N N

Center Frequency
2.462000000 GHz

Span
40.000000 MHz

Sweep Span
Zero Span

Full Span

Start Freq
2.442000000 GHz

Stop Freq
2.482000000 GHz

AUTO TUNE

CF Step
4.000000 MHz

Auto
Man

Freq Offset
0.0 Hz

X Axis Scale
Log
Lin

Signal Track

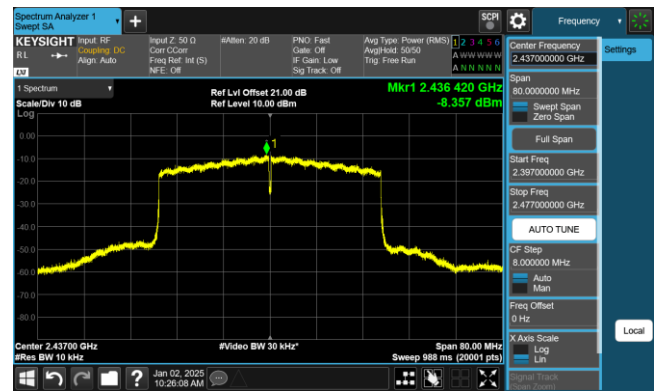
Center 2.46200 GHz
Res BW 10 kHz

#Video BW 30 kHz

Span 40.00 MHz
Sweep 495 ms (20001 pts)

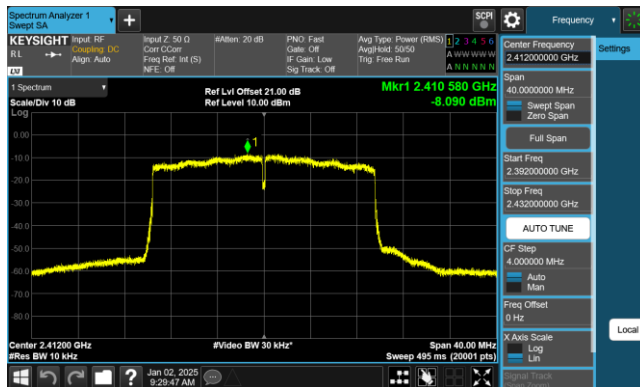
Jan 02, 2025
8:29:25 AM

Channel 06 (2437MHz)

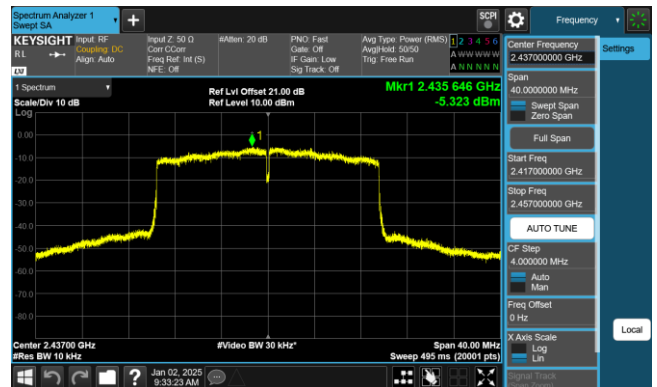
[illegible]

802.11be-EHT20 AVGPSPD – Ant 1 – CDD Mode

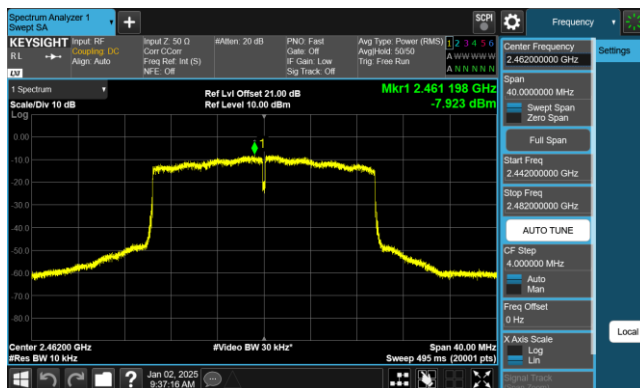
Channel 01 (2412MHz)



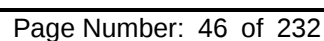
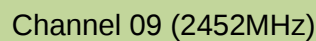
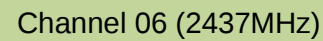
Channel 06 (2437MHz)



Channel 11 (2462MHz)



Channel 03 (2422MHz)



7.5. Conducted Band Edge and Out-of-Band Emissions

7.5.1. Test Limit

The limit for out-of-band spurious emissions at the band edge is 30dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100 kHz bandwidth per the PSD procedure.

7.5.2. Test Procedure Used

ANSI C63.10 - 2013 Section 11.11

7.5.3. Test Setting

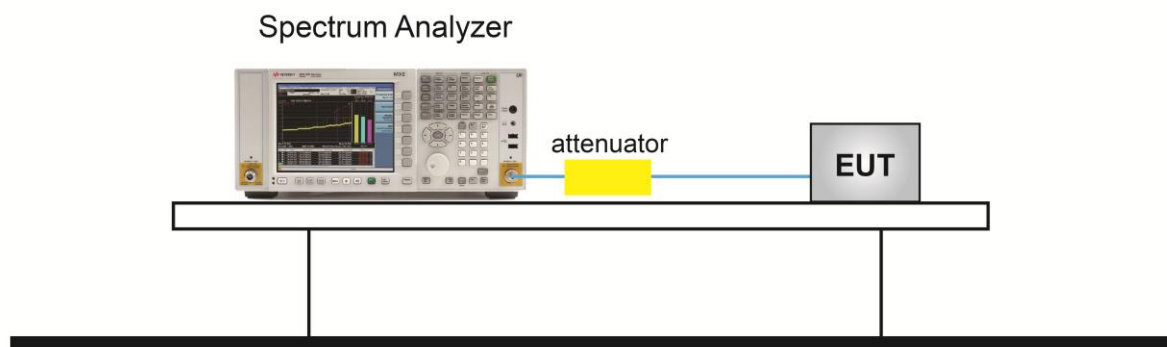
Reference level measurement

1. Set instrument center frequency to DTS channel center frequency
2. Set the span to ≥ 1.5 times the DTS bandwidth
3. Set the RBW = 100 kHz
4. Set the VBW $\geq 3 \times$ RBW
5. Detector = peak
6. Sweep time = auto couple
7. Trace mode = max hold
8. Allow trace to fully stabilize

Emission level measurement

1. Set the center frequency and span to encompass frequency range to be measured
2. RBW = 100kHz
3. VBW = 300kHz
4. Detector = Peak
5. Trace mode = max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize

7.5.4. Test Setup



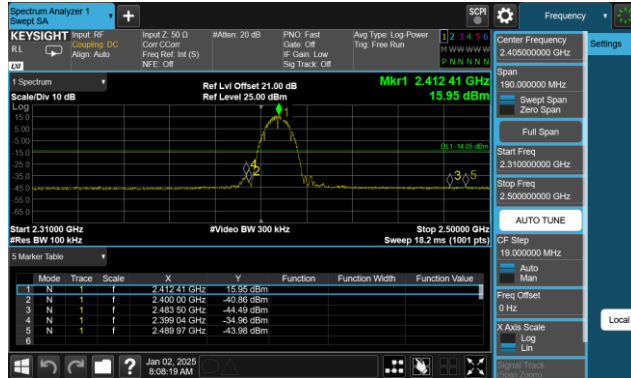
7.5.5. Test Result

Product	BE14000 Whole Home Mesh Wi-Fi 7 System	Temperature	25°C
Test Engineer	Marvin	Relative Humidity	54%
Test Site	SR6	Test Date	2025/1/2

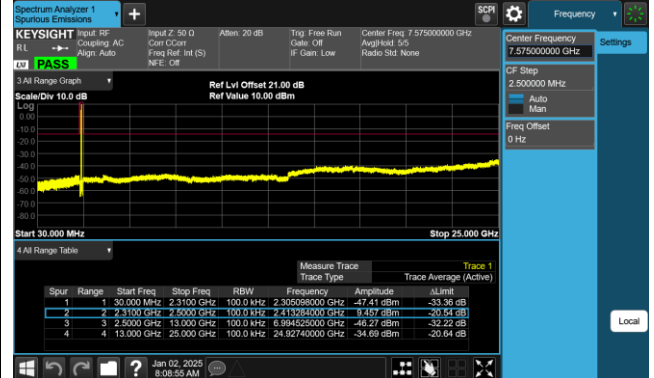
Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	Limit (dBc)	Result
802.11b	1Mbps	01	2412	30	Pass
802.11b	1Mbps	06	2437	30	Pass
802.11b	1Mbps	11	2462	30	Pass
802.11g	6Mbps	01	2412	30	Pass
802.11g	6Mbps	06	2437	30	Pass
802.11g	6Mbps	11	2462	30	Pass
802.11n-HT20	MCS0	01	2412	30	Pass
802.11n-HT20	MCS0	06	2437	30	Pass
802.11n-HT20	MCS0	11	2462	30	Pass
802.11n-HT40	MCS0	03	2422	30	Pass
802.11n-HT40	MCS0	06	2437	30	Pass
802.11n-HT40	MCS0	09	2452	30	Pass
802.11ax-HE20	MCS0	01	2412	30	Pass
802.11ax-HE20	MCS0	06	2437	30	Pass
802.11ax-HE20	MCS0	11	2462	30	Pass
802.11ax-HE40	MCS0	03	2422	30	Pass
802.11ax-HE40	MCS0	06	2437	30	Pass
802.11ax-HE40	MCS0	09	2452	30	Pass
802.11be-EHT20	MCS0	01	2412	30	Pass
802.11be-EHT20	MCS0	06	2437	30	Pass
802.11be-EHT20	MCS0	11	2462	30	Pass
802.11be-EHT40	MCS0	03	2422	30	Pass
802.11be-EHT40	MCS0	06	2437	30	Pass
802.11be-EHT40	MCS0	09	2452	30	Pass

Ant 0

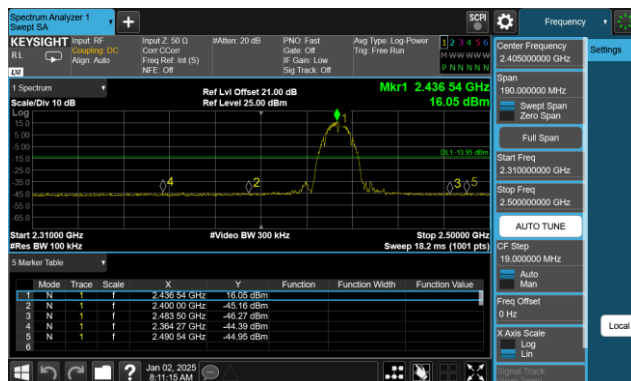
802.11 b CH01 (2412MHz)



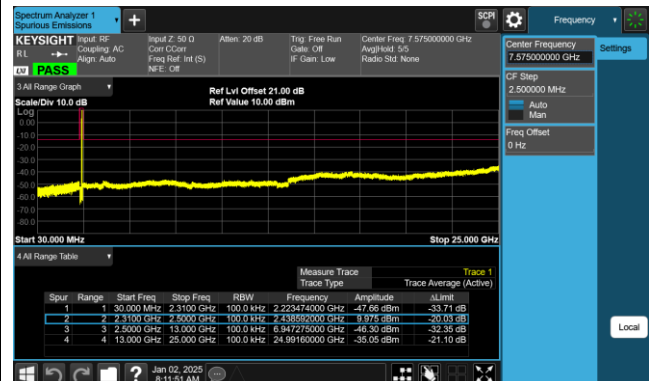
802.11 b CH01 (2412MHz)



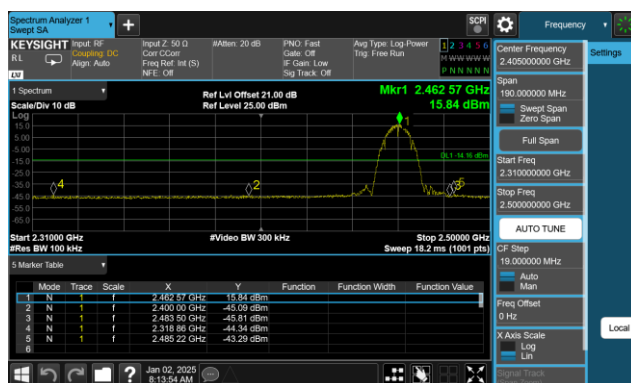
802.11 b CH06 (2437MHz)



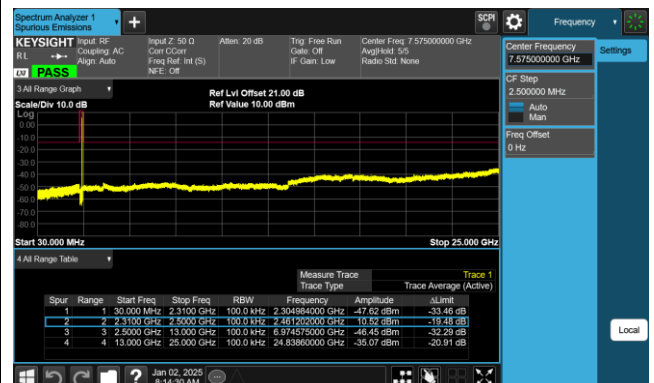
802.11 b CH06 (2437MHz)



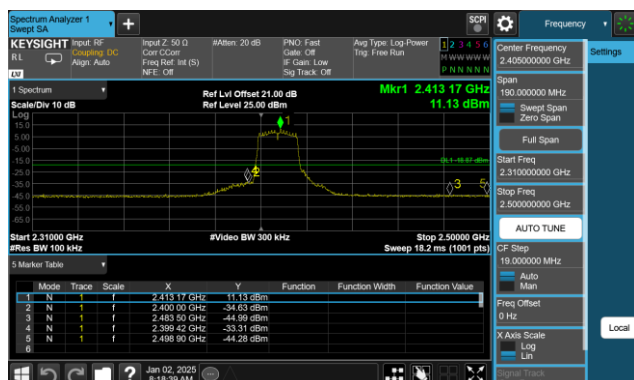
802.11 b CH11 (2462MHz)



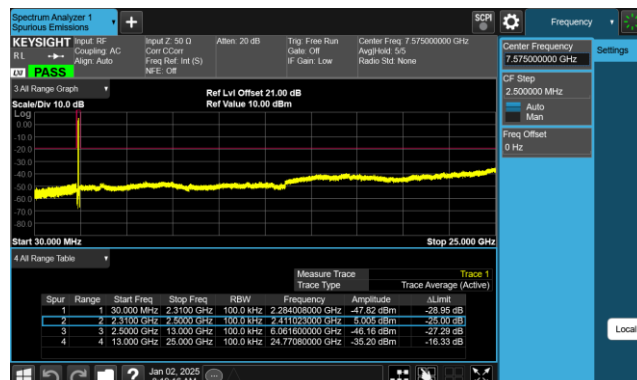
802.11 b CH11 (2462MHz)



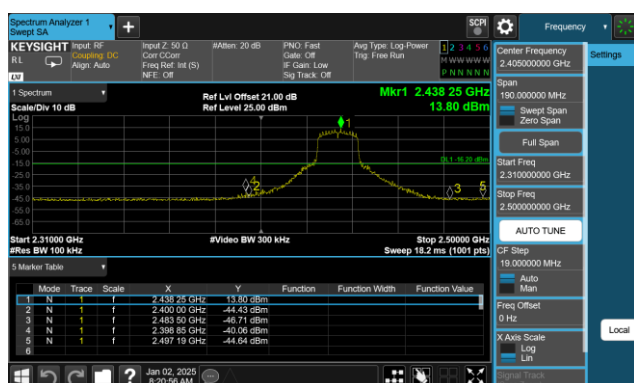
802.11 g CH01 (2412MHz)



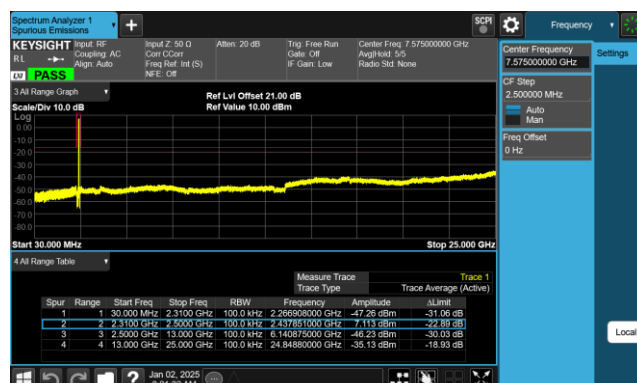
802.11 g CH01 (2412MHz)



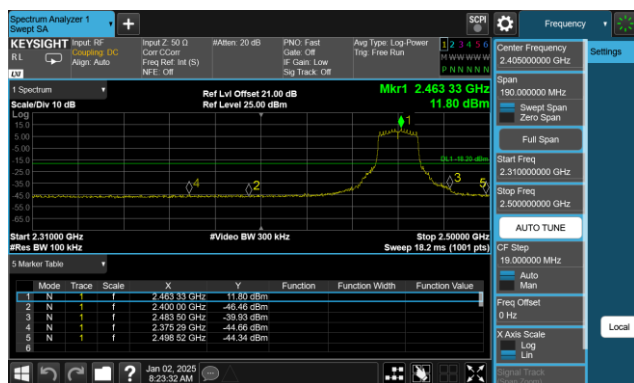
802.11 g CH06 (2437MHz)



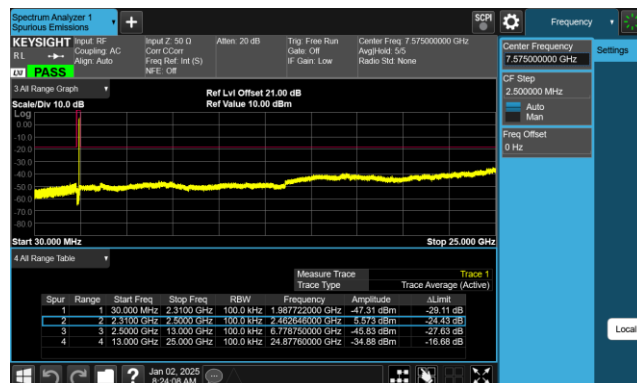
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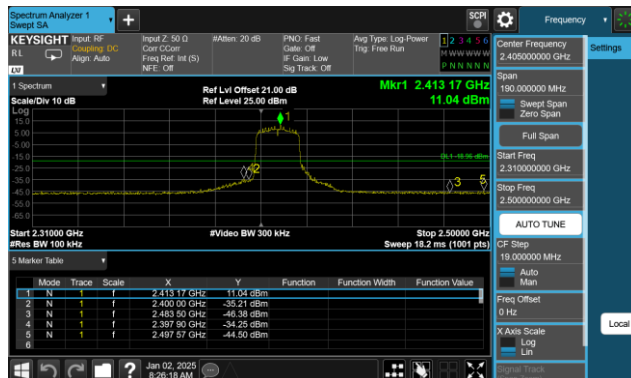
802.11 g CH11 (2462MHz)



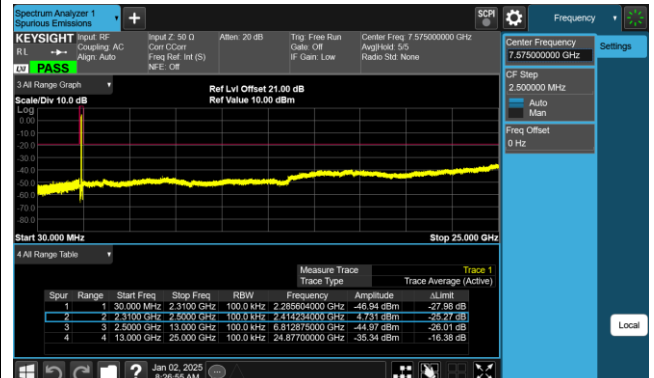
802.11 g CH11 (2462MHz)



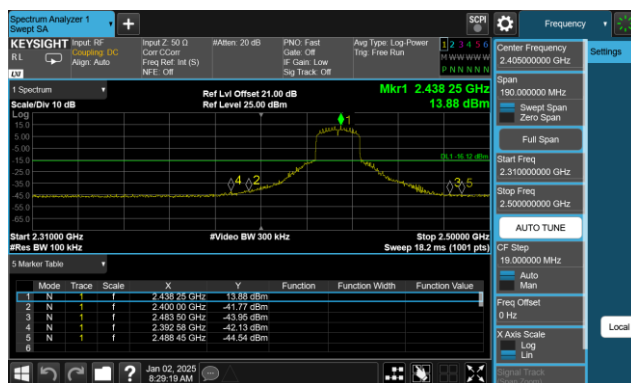
802.11 n20 CH01 (2412MHz)



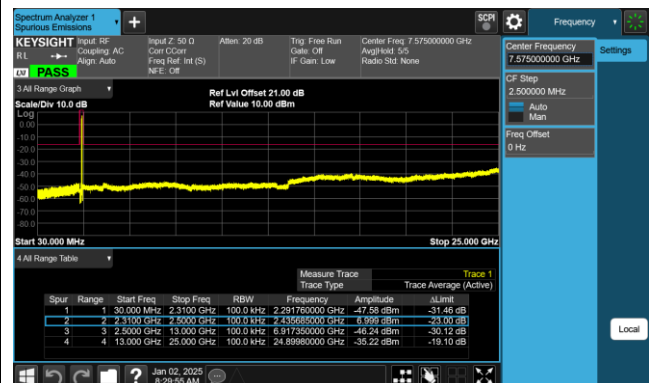
802.11 n20 CH01 (2412MHz)



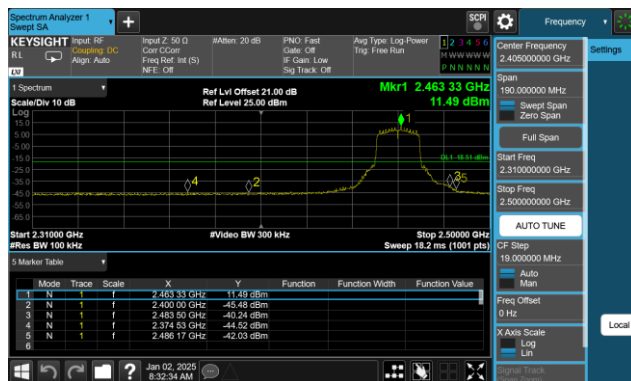
802.11 n20 CH06 (2437MHz)



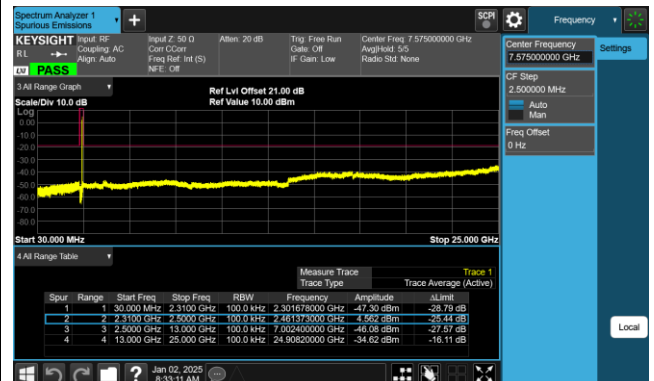
802.11 n20 CH06 (2437MHz)



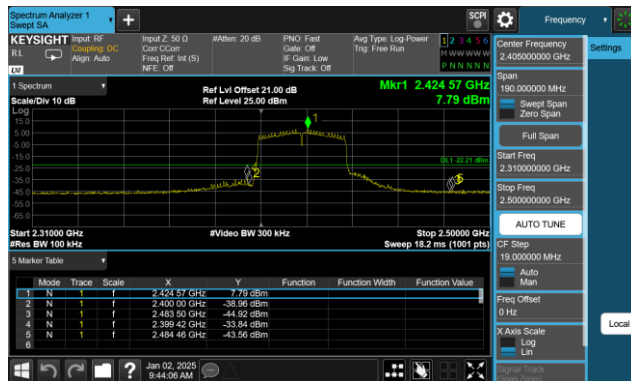
802.11 n20 CH11 (2462MHz)



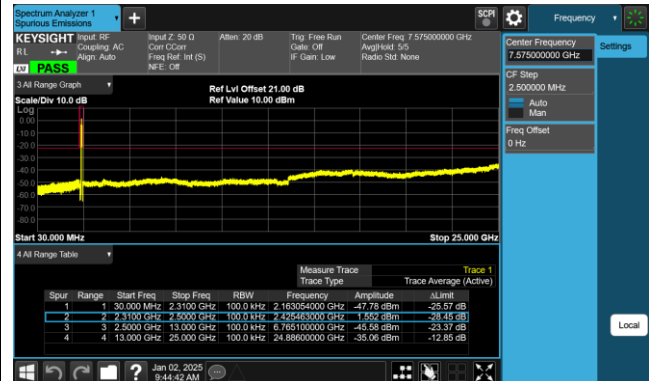
802.11 n20 CH11 (2462MHz)



802.11 n40 CH03 (2422MHz)



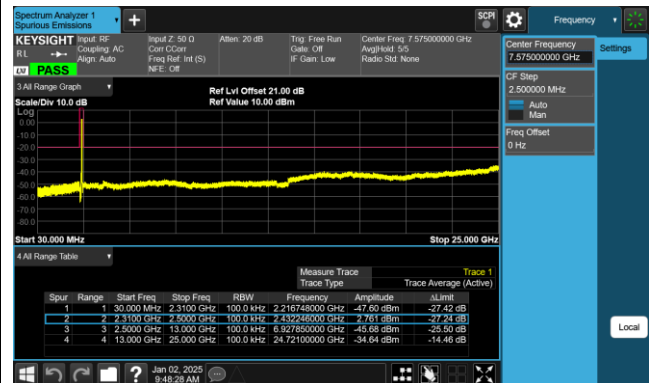
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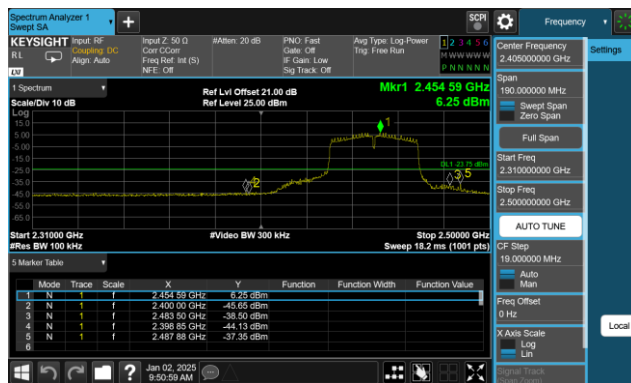
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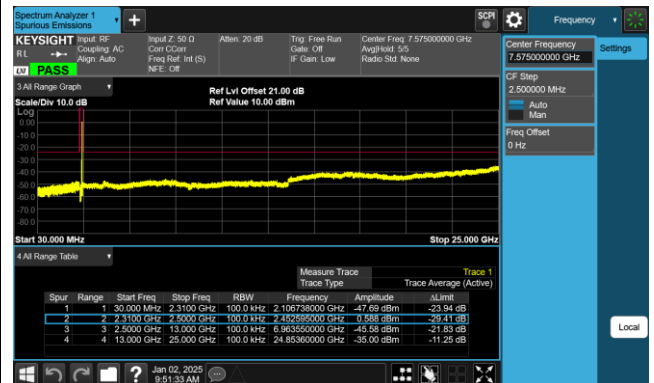
802.11 n40 CH06 (2437MHz)



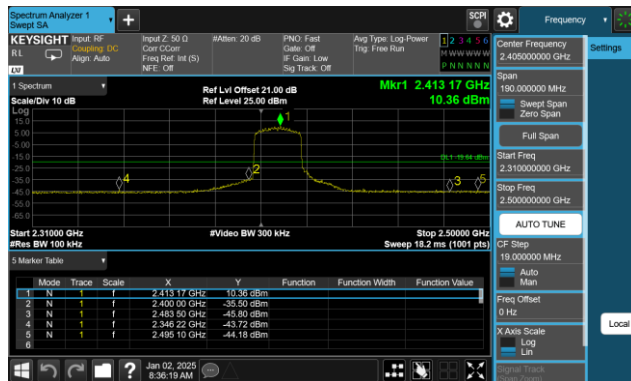
802.11 n40 CH09 (2452MHz)



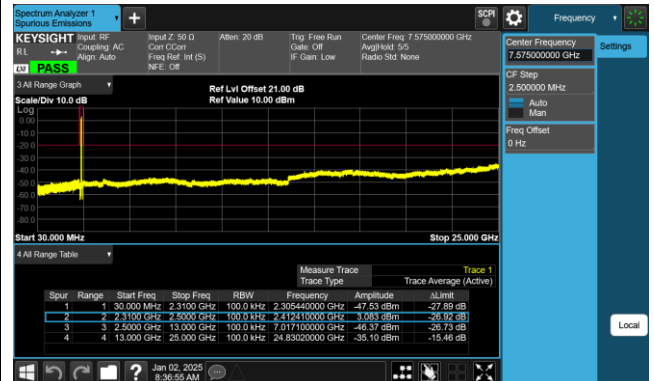
802.11 n40 CH09 (2452MHz)



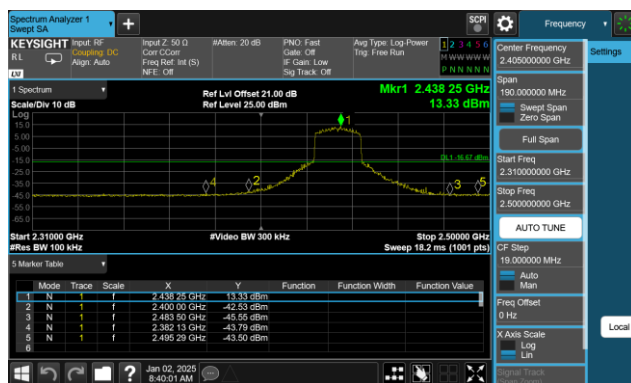
802.11 ax20 CH01 (2412MHz)



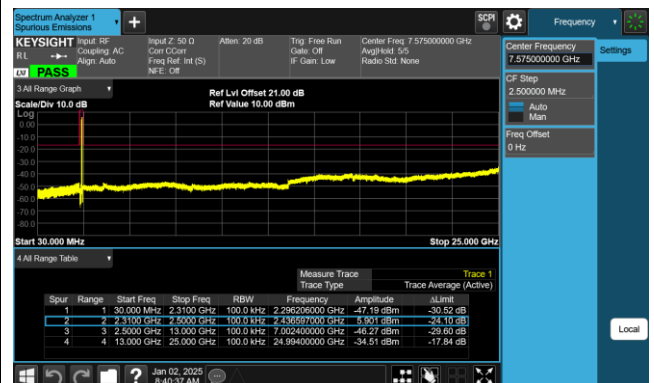
802.11 ax20 CH01 (2412MHz)



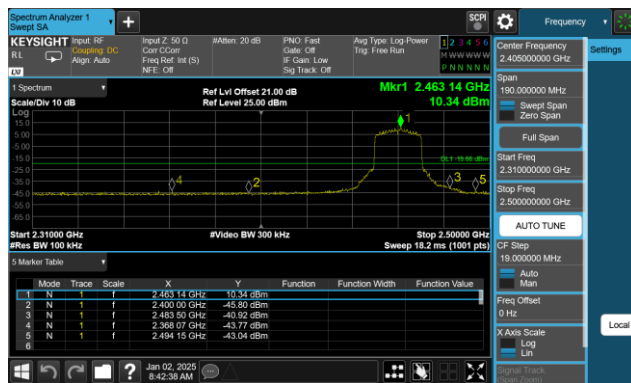
802.11 ax20 CH06 (2437MHz)



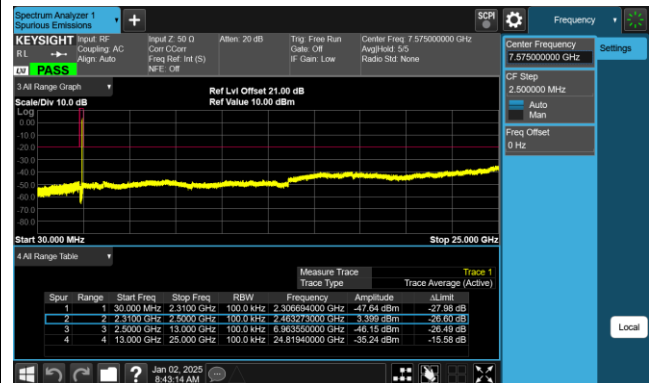
802.11 ax20 CH06 (2437MHz)



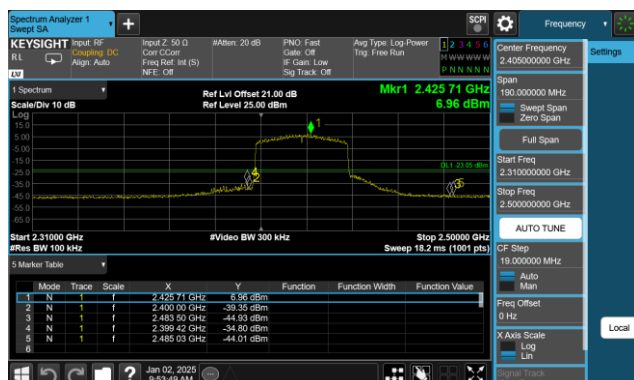
802.11 ax20 CH11 (2462MHz)



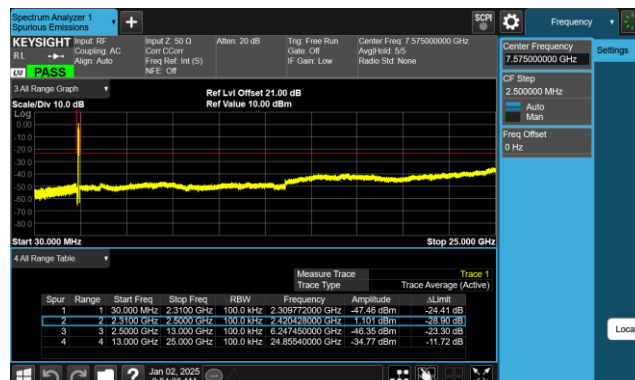
802.11 ax20 CH11 (2462MHz)



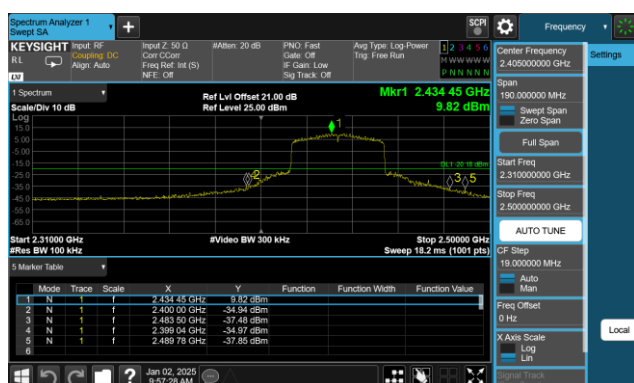
802.11 ax40 CH03 (2422MHz)



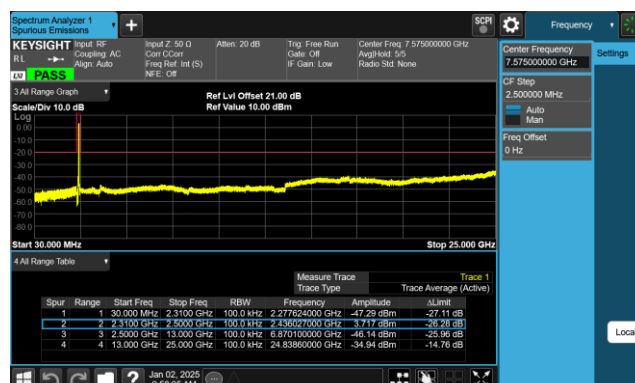
802.11 ax40 CH03 (2422MHz)



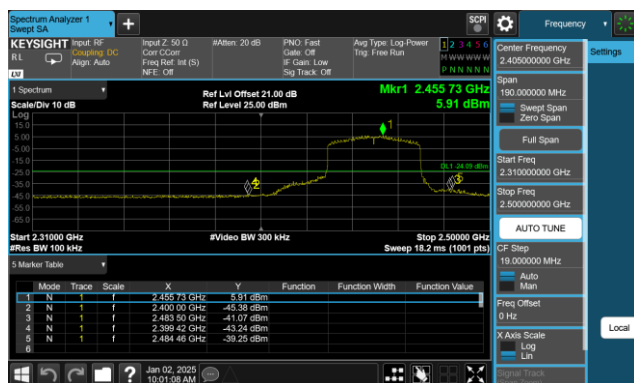
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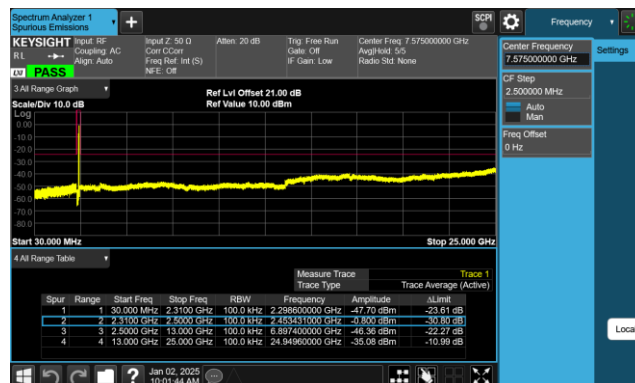
802.11 ax40 CH06 (2437MHz)

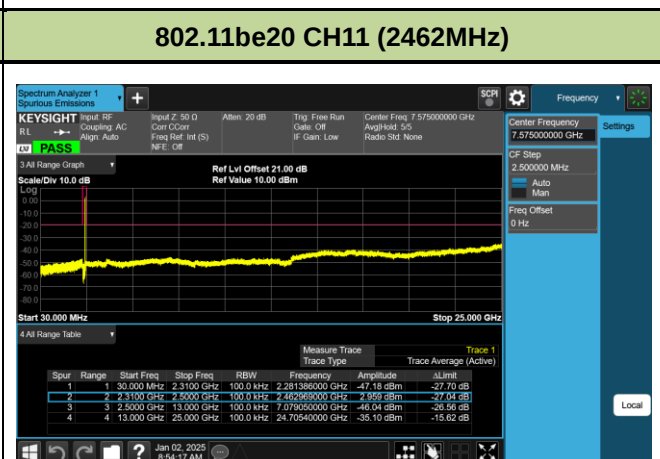
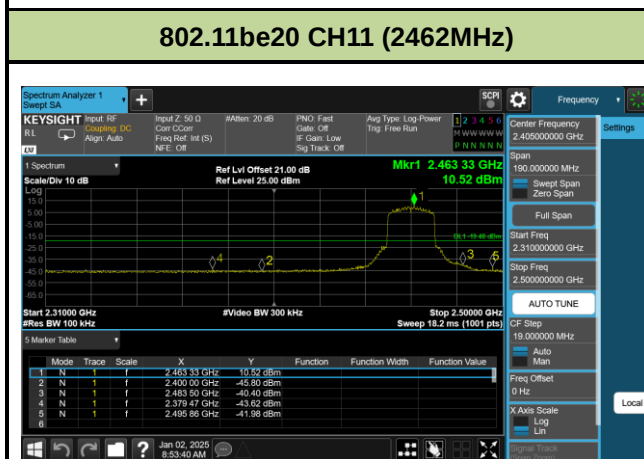
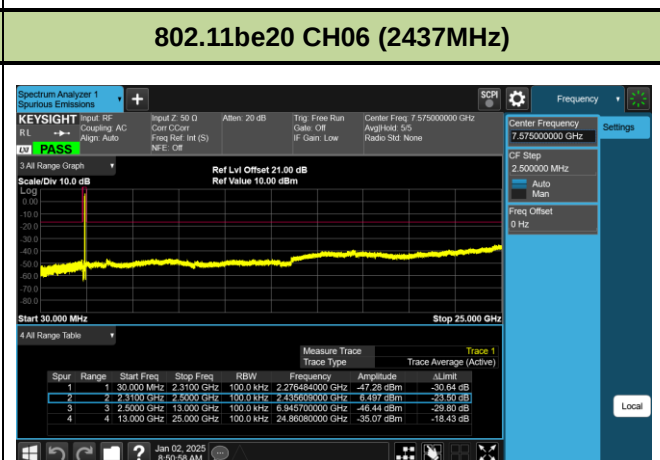
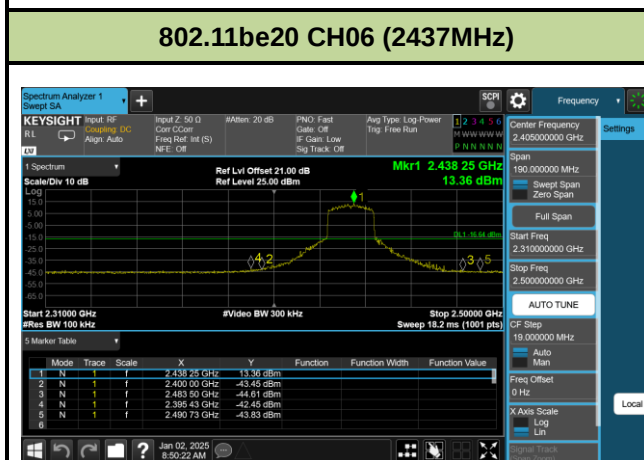
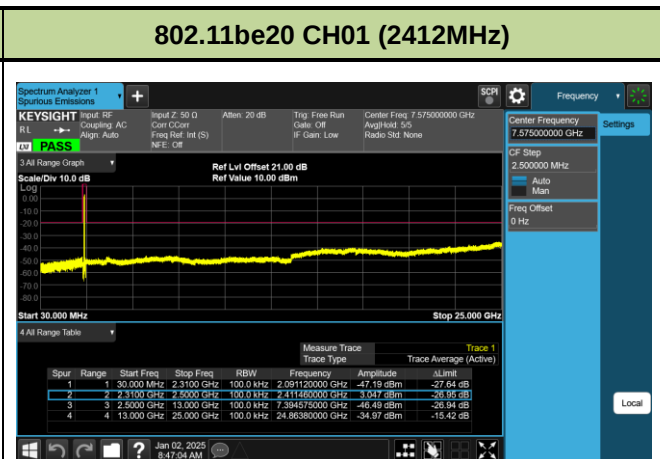
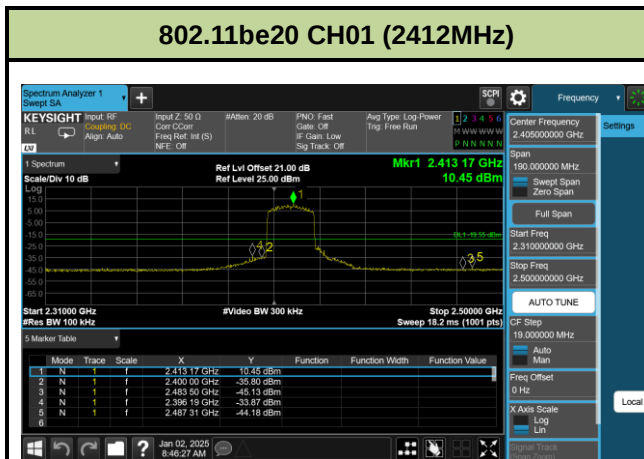


802.11 ax40 CH09 (2452MHz)

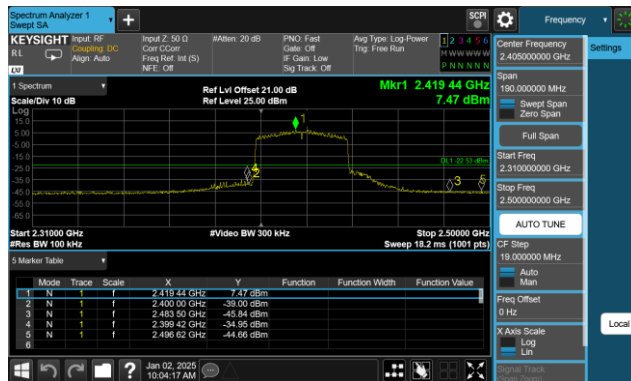


802.11 ax40 CH09 (2452MHz)

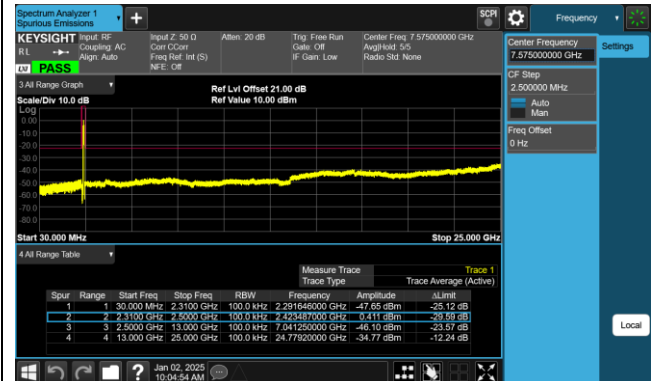




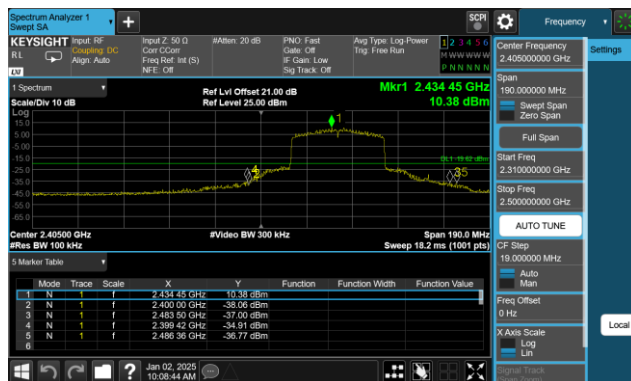
802.11be40 CH03 (2422MHz)



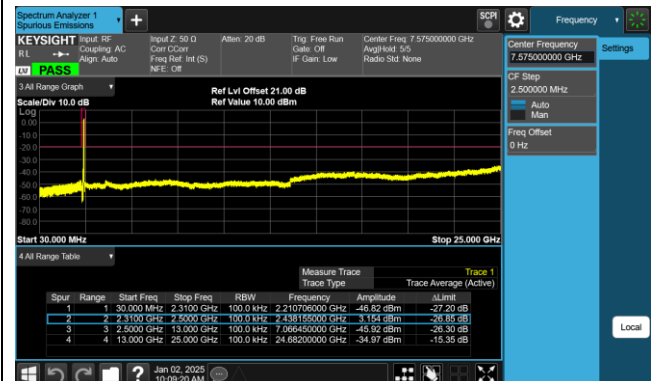
802.11be40 CH03 (2422MHz)



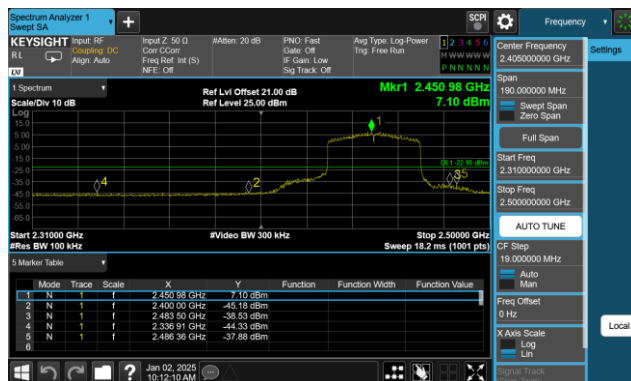
802.11be40 CH06 (2437MHz)



802.11be40 CH06 (2437MHz)



802.11be40 CH09 (2452MHz)



802.11be40 CH09 (2452MHz)

