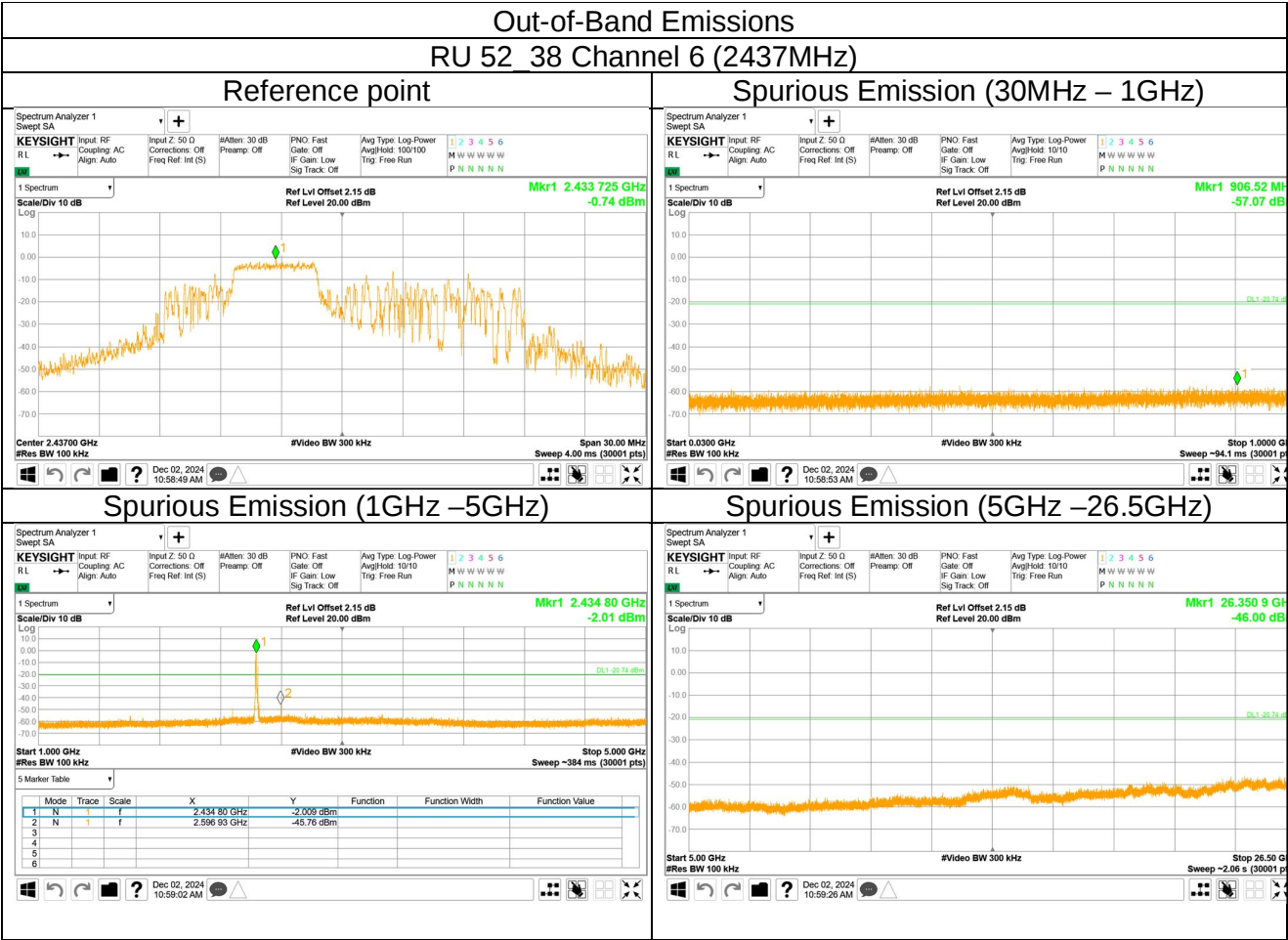
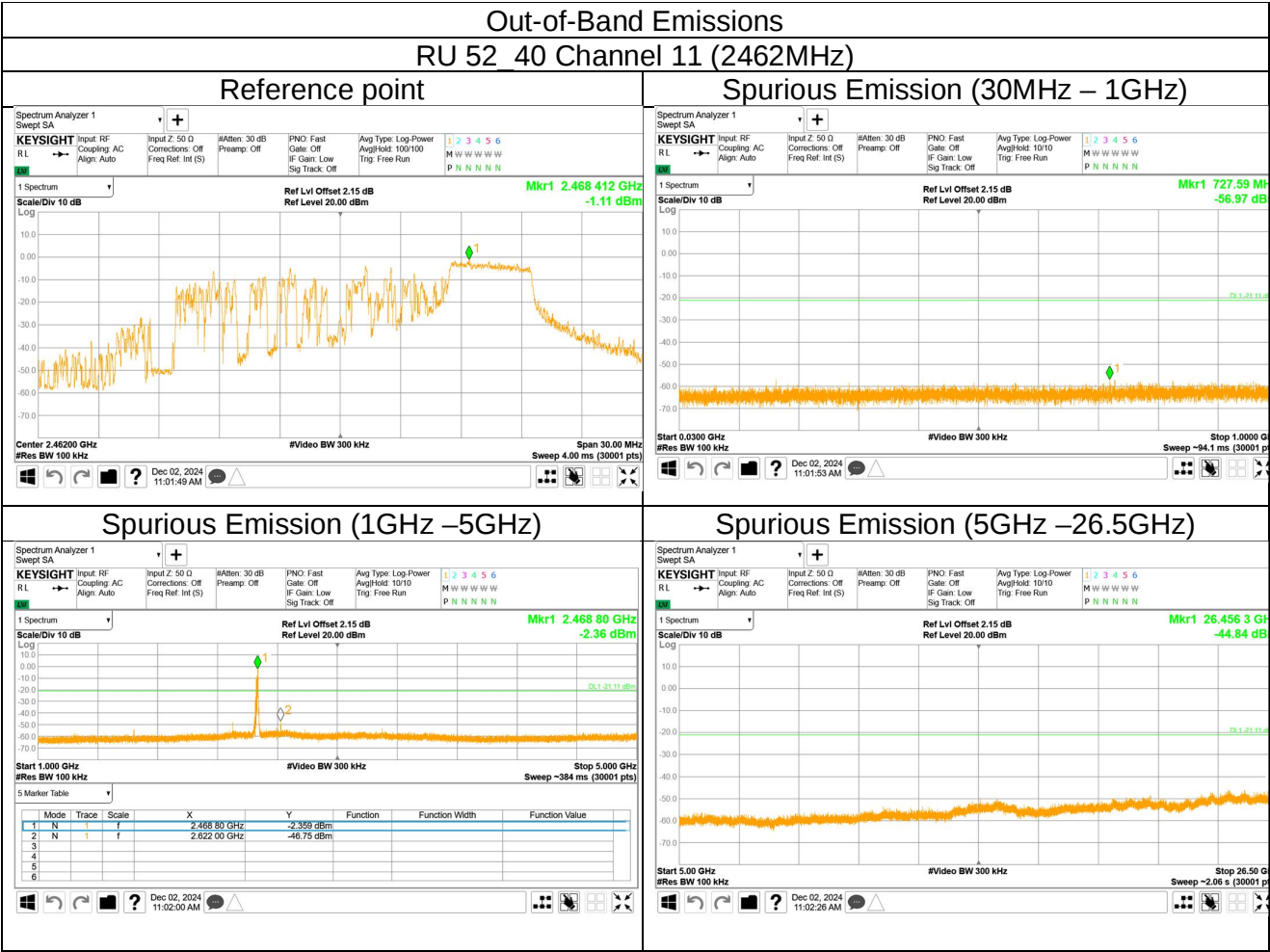








802.11 ax HE20

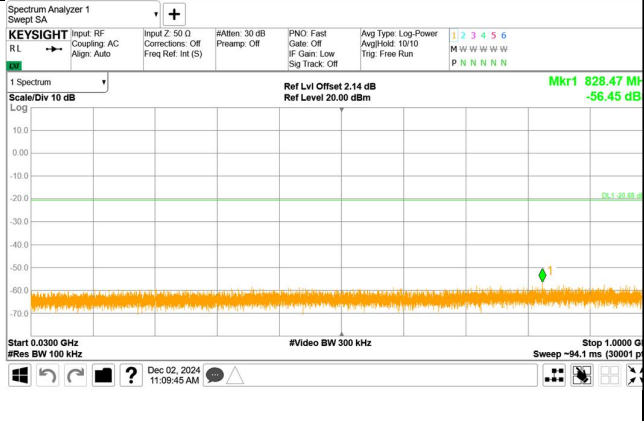
Out-of-Band Emissions

RU 106_53 Channel 1 (2412MHz)

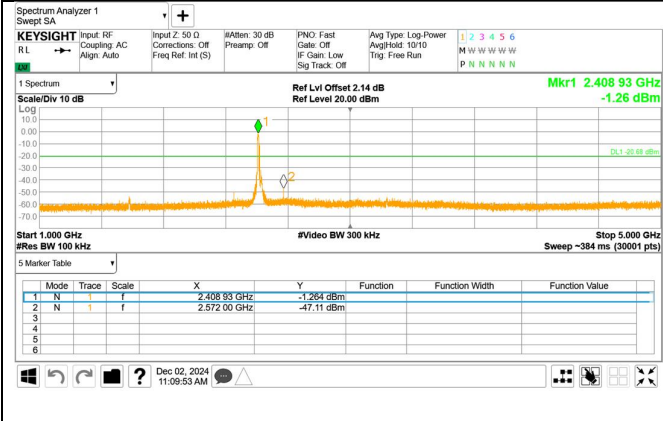
Reference point



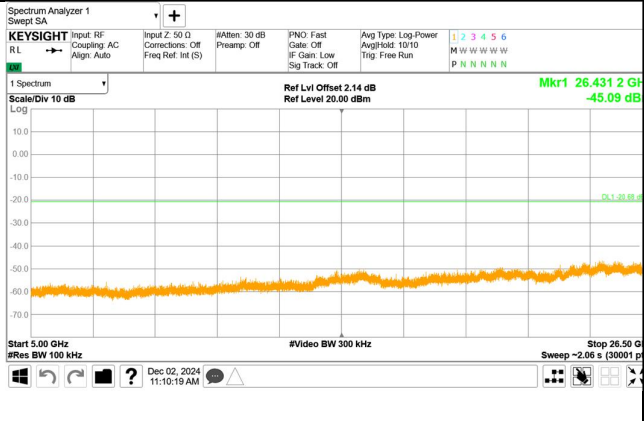
Spurious Emission (30MHz – 1GHz)

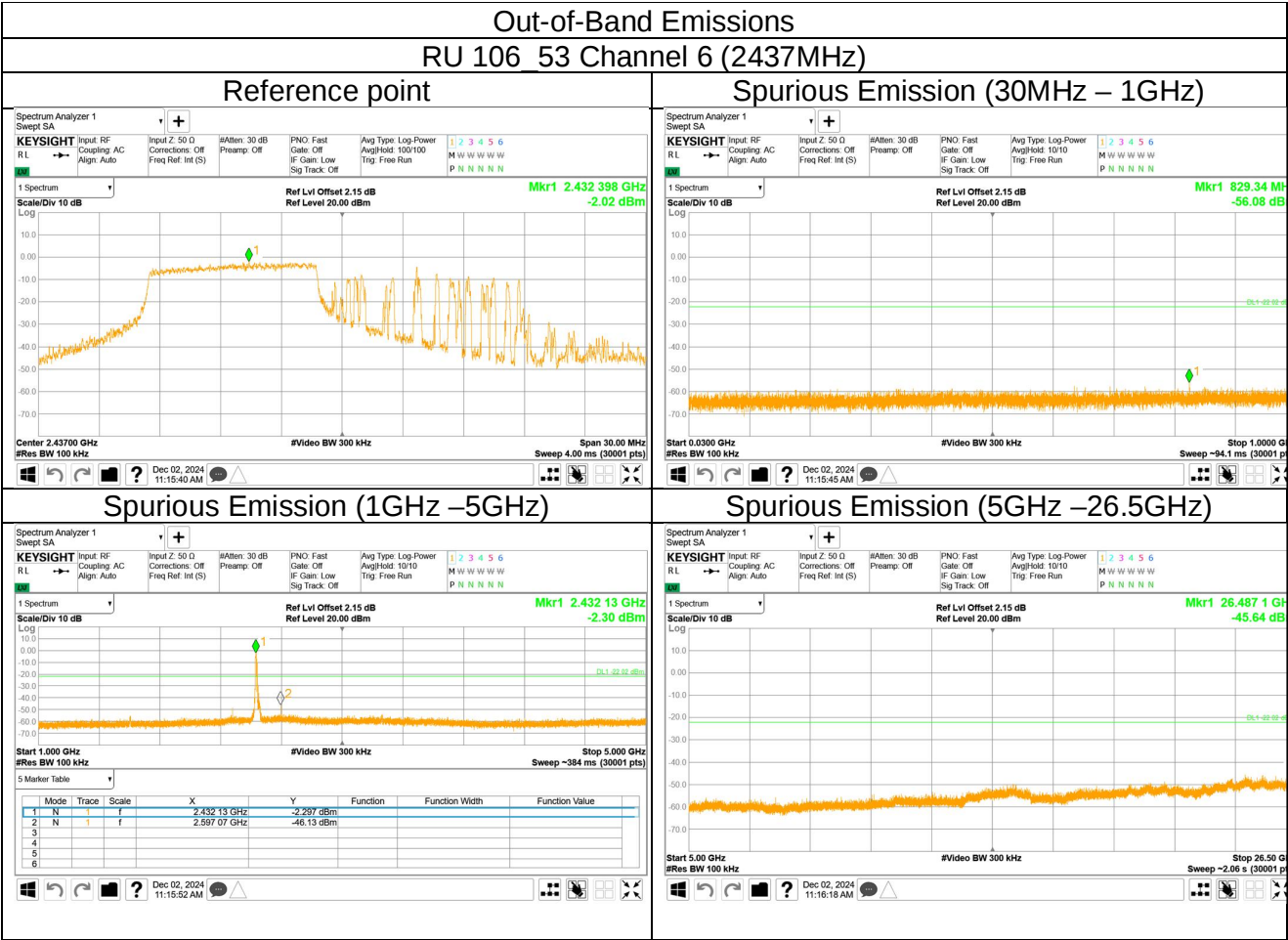


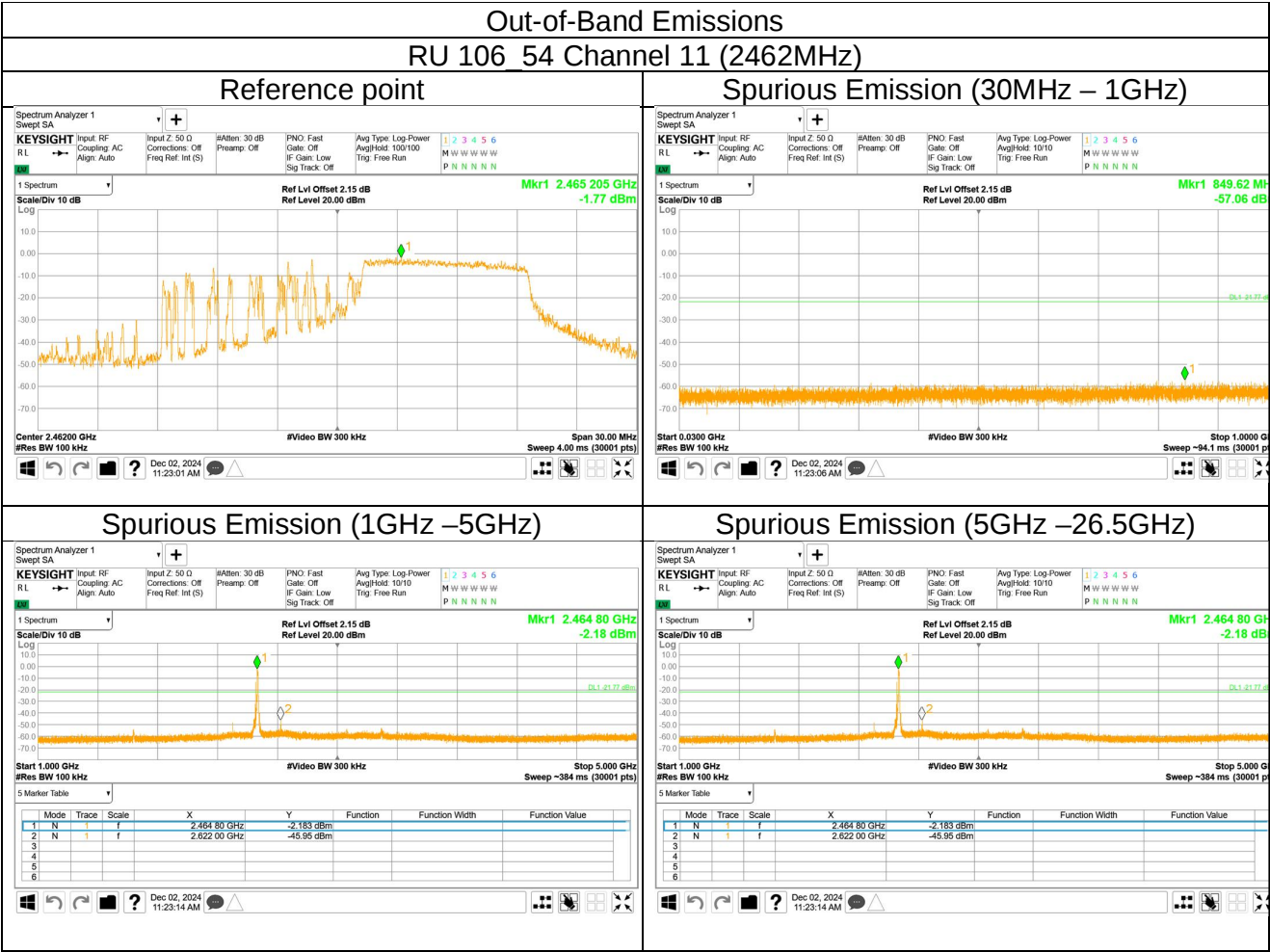
Spurious Emission (1GHz –5GHz)



Spurious Emission (5GHz –26.5GHz)









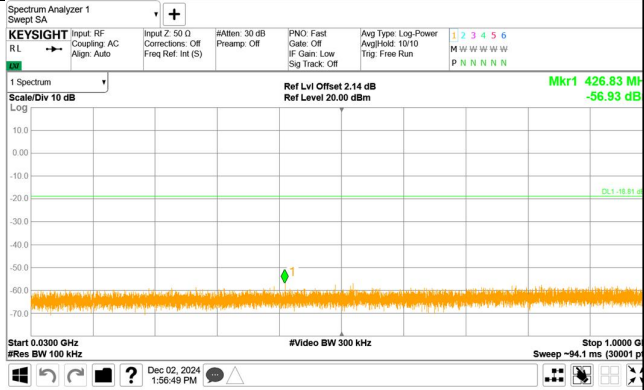
802.11 ax HE20

Out-of-Band Emissions
RU 242_61 Channel 1 (2412MHz)

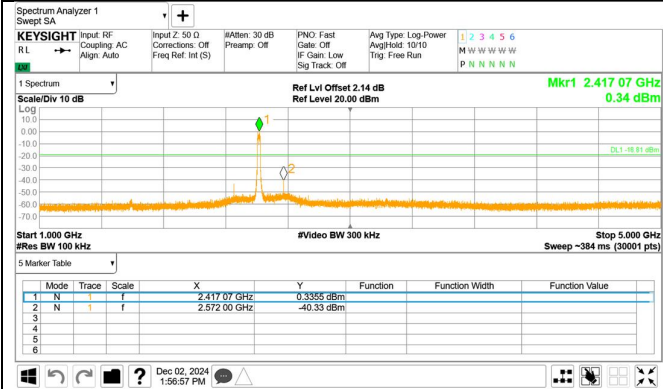
Reference point



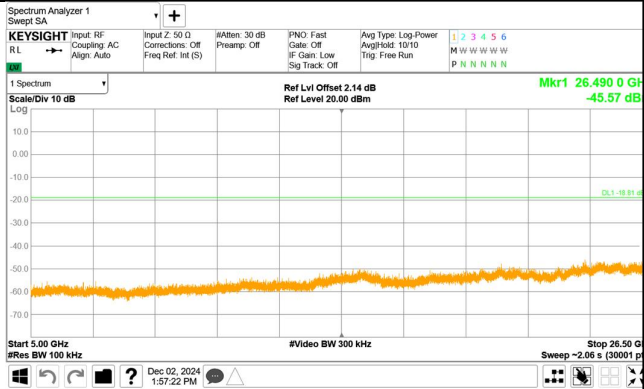
Spurious Emission (30MHz – 1GHz)

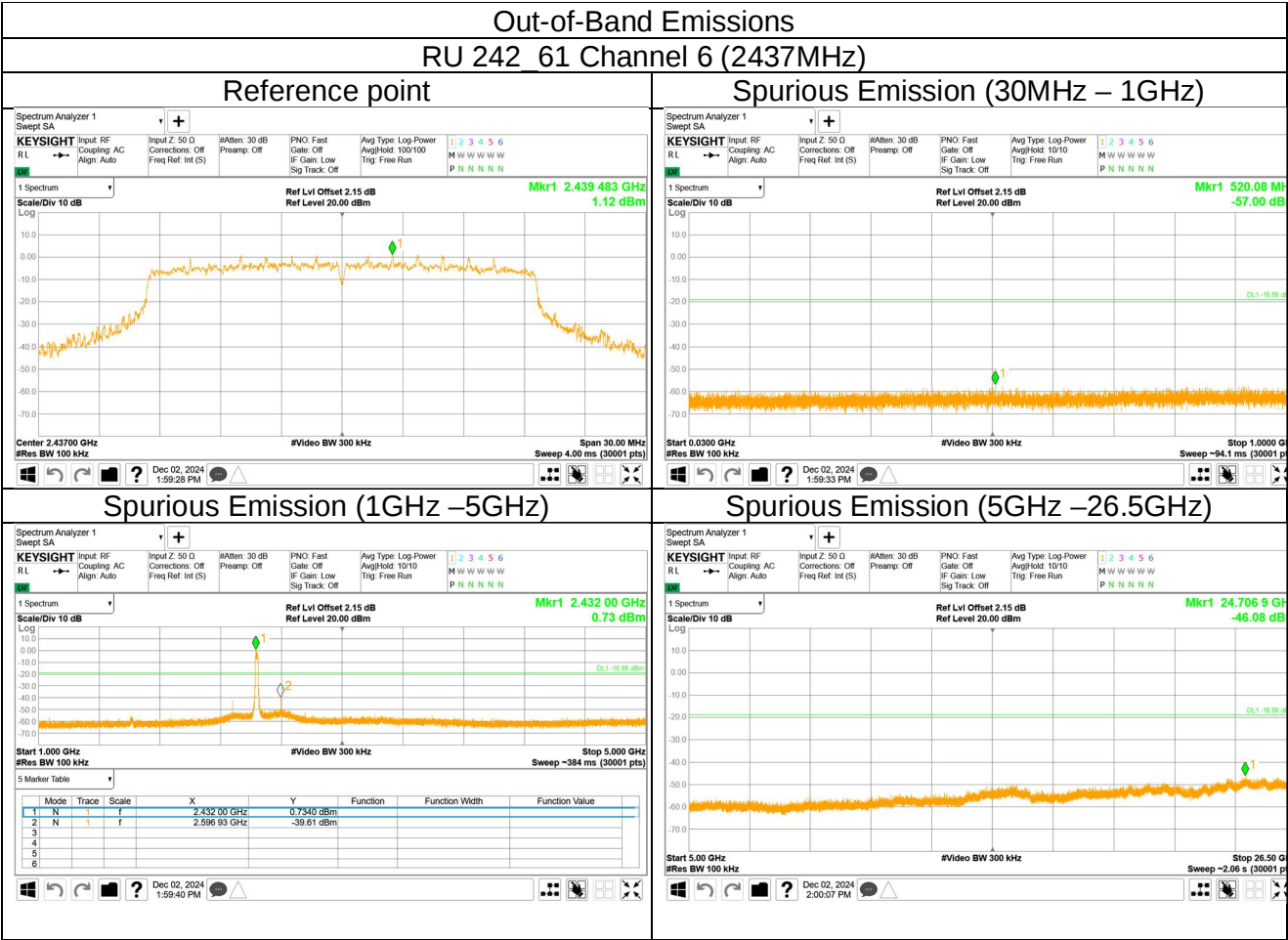


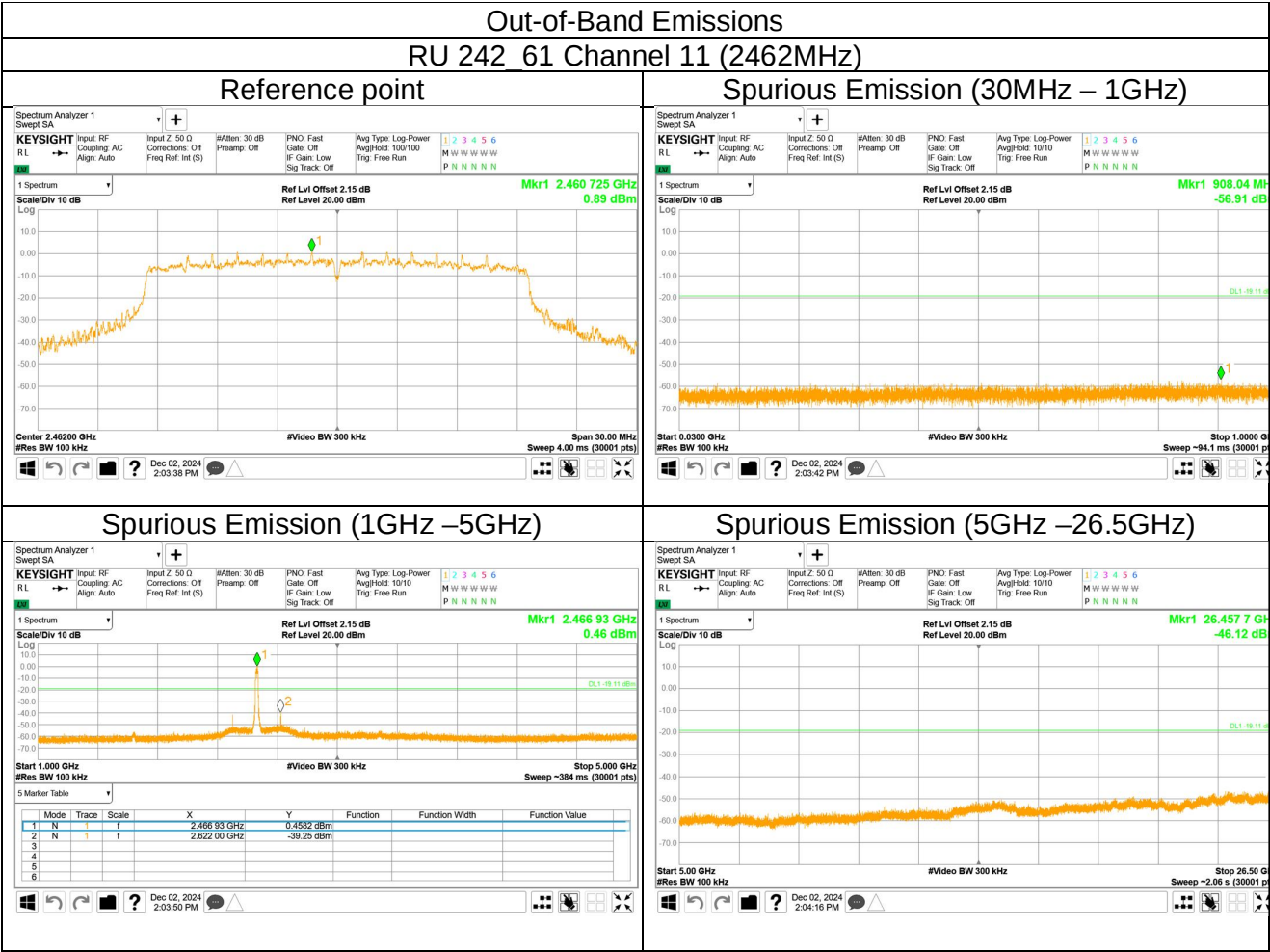
Spurious Emission (1GHz –5GHz)



Spurious Emission (5GHz –26.5GHz)







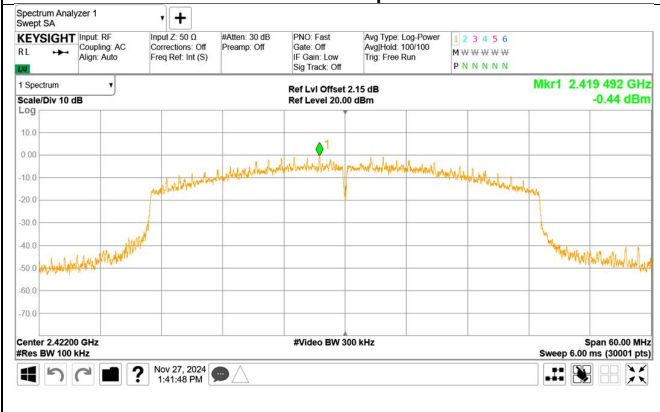


802.11 ax HE40

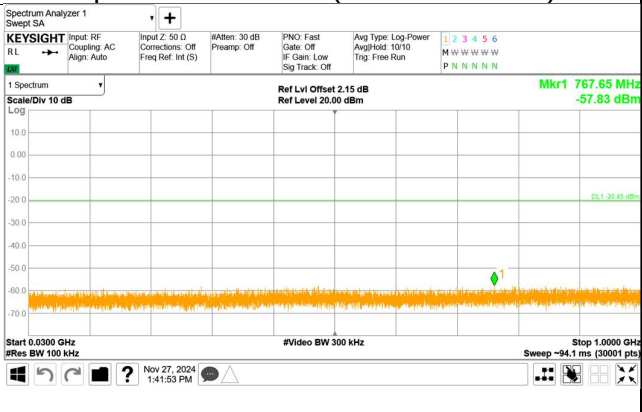
Out-of-Band Emissions

Channel 3 (2422MHz)

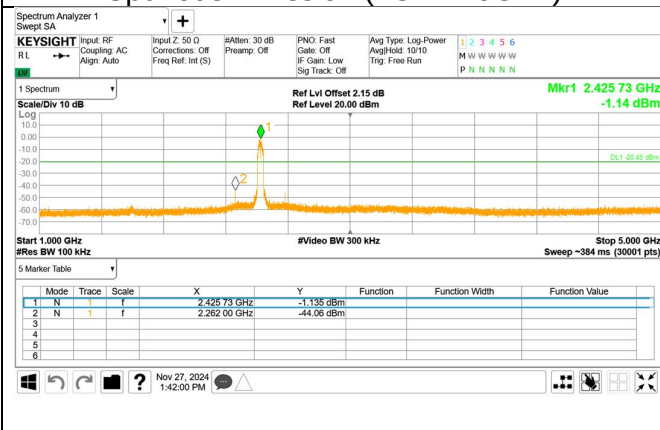
Reference point



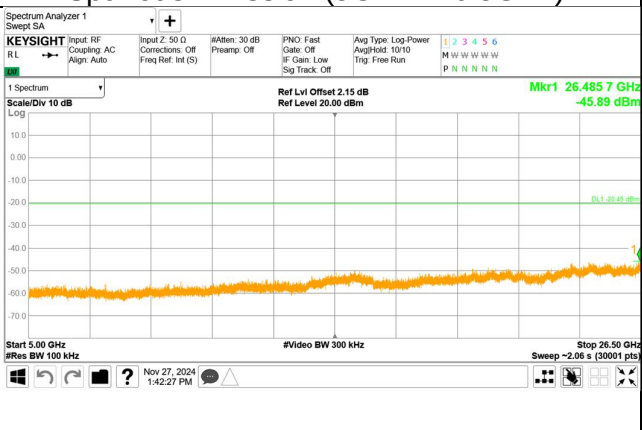
Spurious Emission (30MHz – 1GHz)

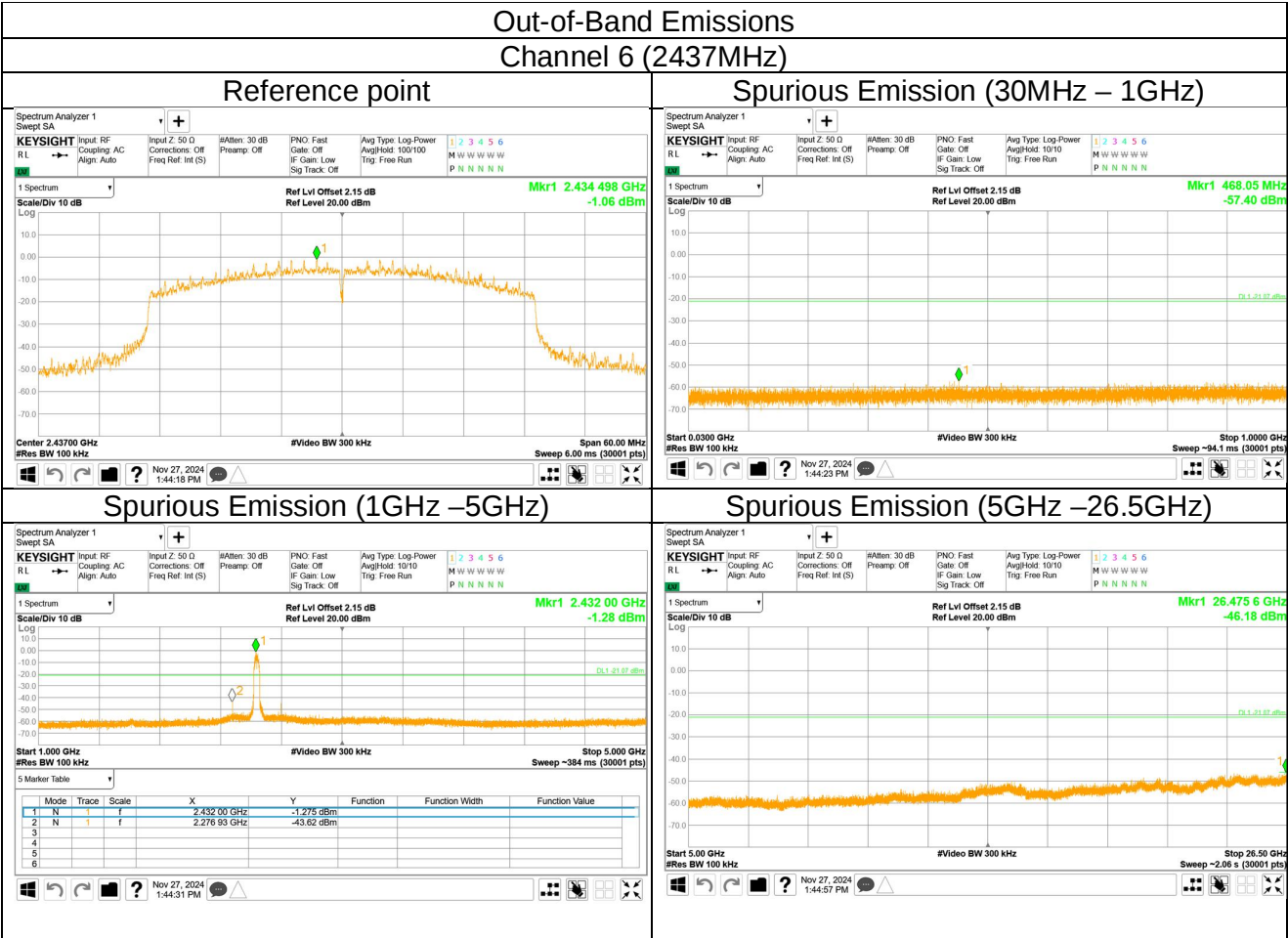


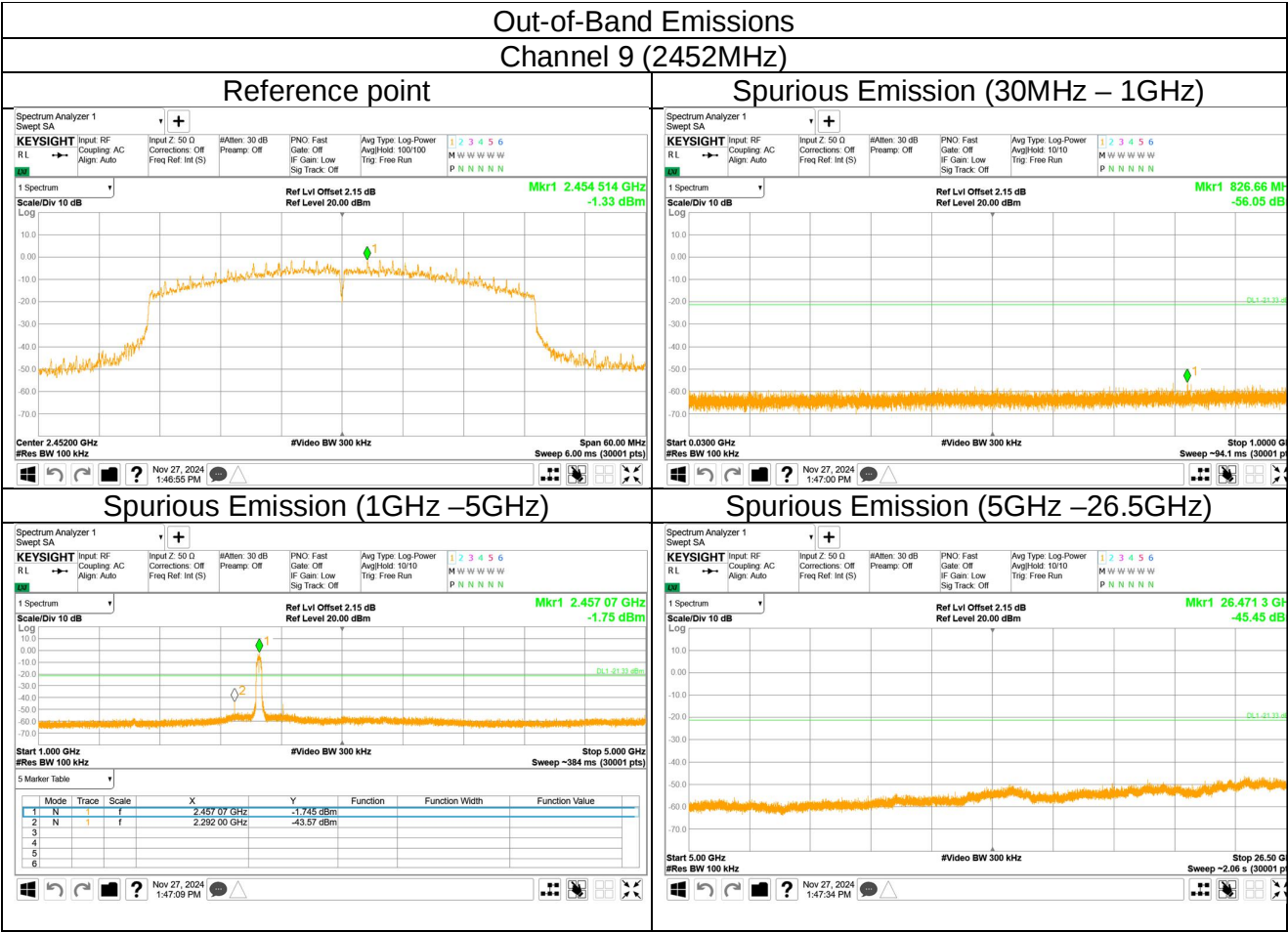
Spurious Emission (1GHz –5GHz)



Spurious Emission (5GHz –26.5GHz)





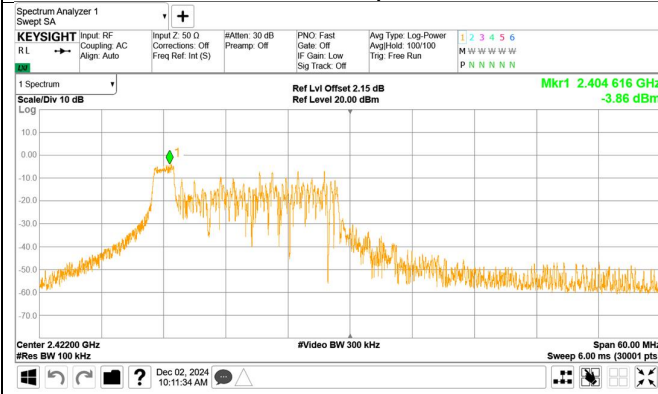




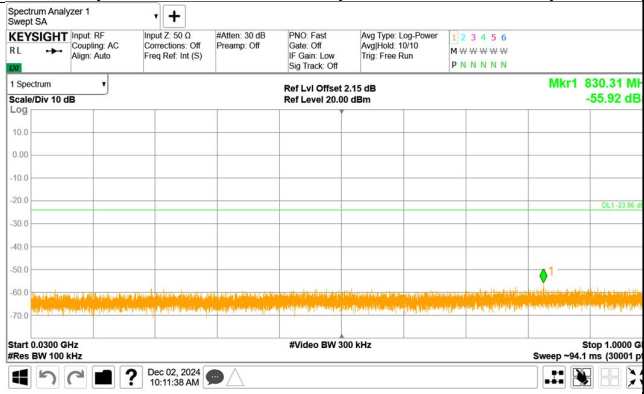
802.11 ax HE40

Out-of-Band Emissions
RU 26_0 Channel 3 (2422MHz)

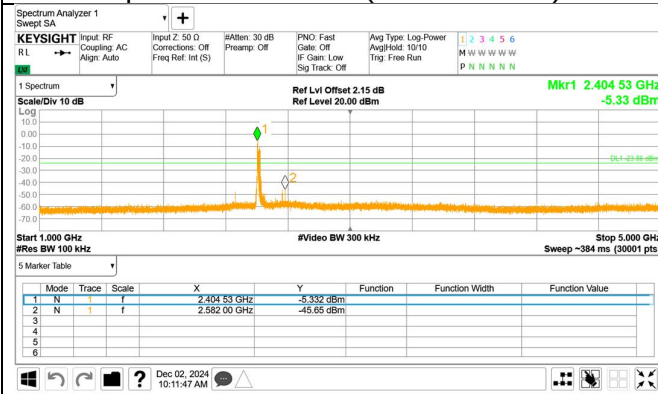
Reference point



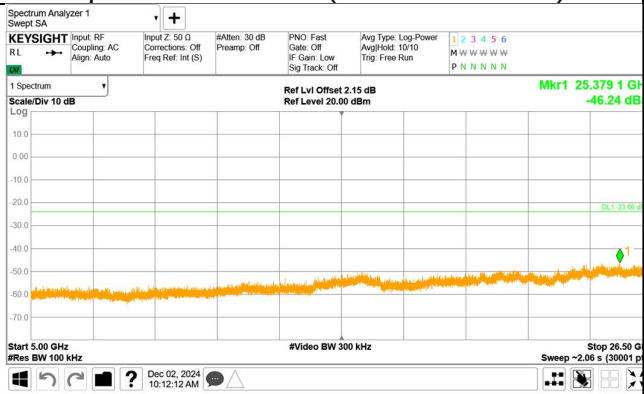
Spurious Emission (30MHz – 1GHz)



Spurious Emission (1GHz –5GHz)

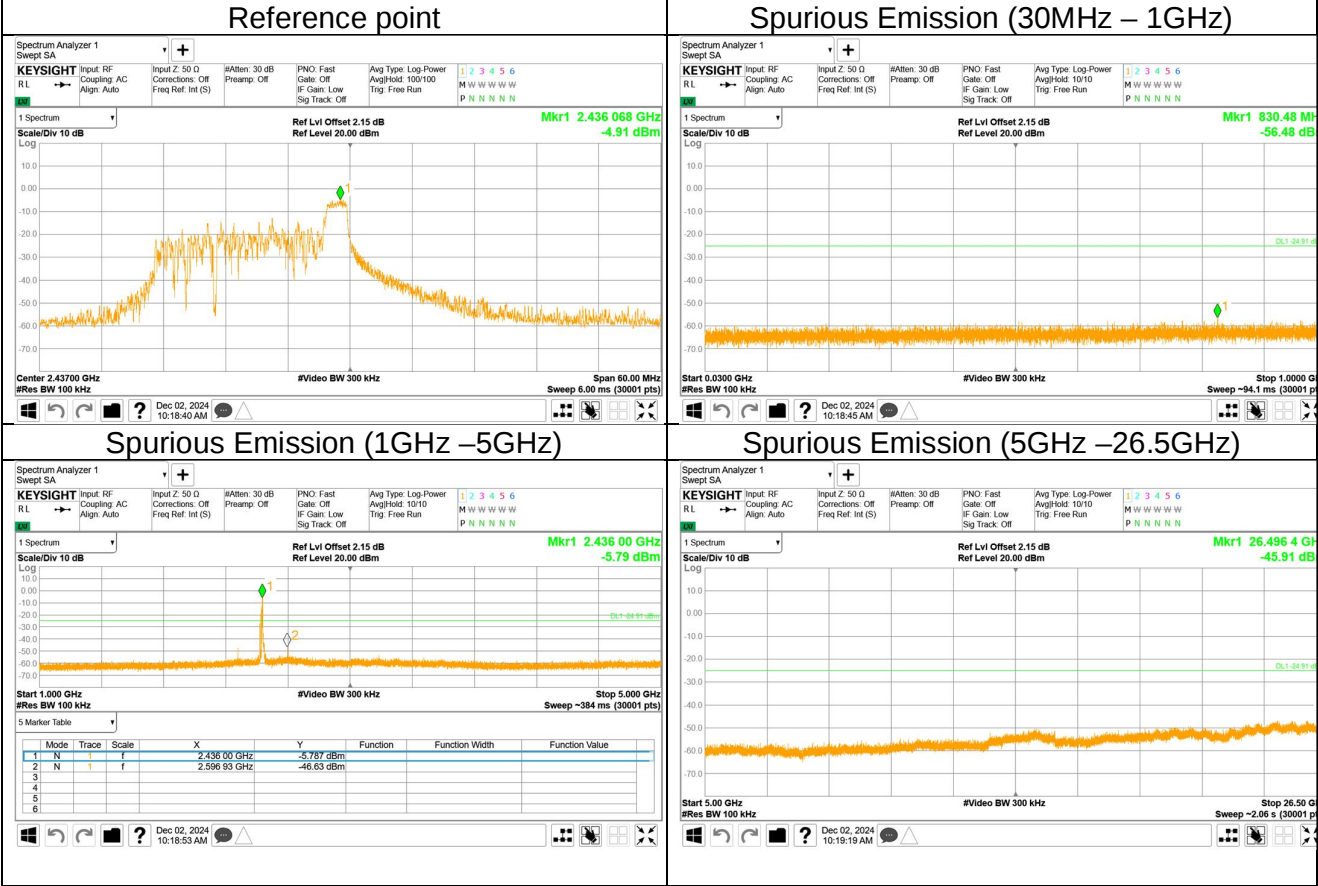


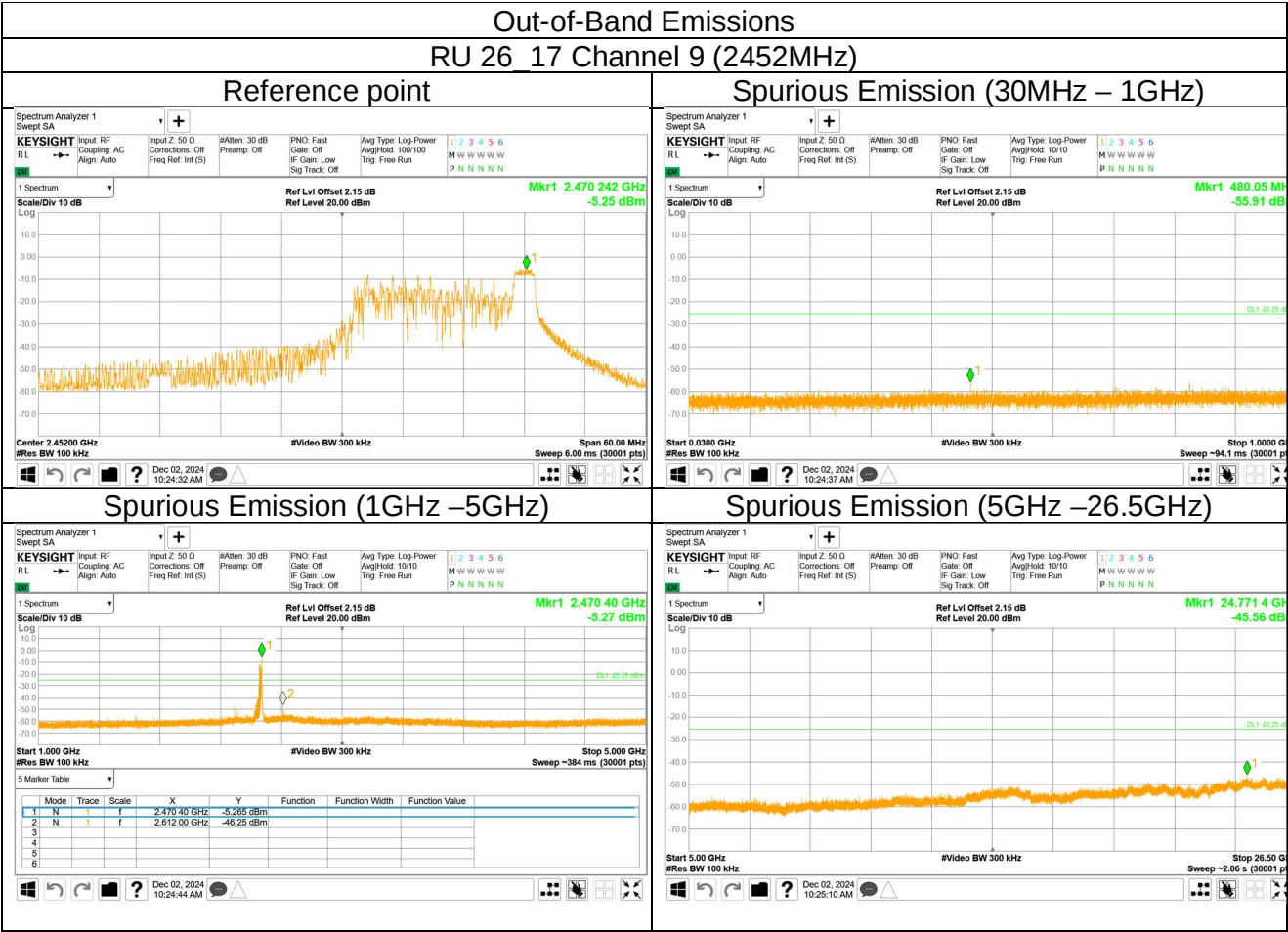
Spurious Emission (5GHz –26.5GHz)





Out-of-Band Emissions
RU 26_8 Channel 6 (2437MHz)





Spurious Emission (1GHz –5GHz)

Spurious Emission (5GHz –26.5GHz)

Spectrum Analyzer 1
Sweep SA

KEYSIGHT Input RF
Coupling AC
Align Auto

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

#Atten: 30 dB
Preamp Off

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

Avg Type: Log-Power
AveHold: 10/10
Trig: Free Run

1 2 3 4 5 6
M W W W W W
P N N N N N

1 Spectrum
Scale/Div 10 dB
Log

Ref Lvl Offset 2.15 dB
Ref Level 20.00 dBm

Mkr1 2.470 40 GHz
-5.27 dBm

Start 1.000 GHz
#Res BW 100 kHz

#Video BW 300 kHz

Stop 5.000 GHz
Sweep ~384 ms (30001 pts)

Dec 02, 2024 10:24:44 AM

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	f	2.470 40 GHz	-5.265 dBm			
2	N	f	2.612 00 GHz	-46.25 dBm			
3							
4							
5							
6							

Spectrum Analyzer 1
Sweep SA

KEYSIGHT Input RF
Coupling AC
Align Auto

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

#Atten: 30 dB
Preamp Off

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

Avg Type: Log-Power
AveHold: 10/10
Trig: Free Run

1 2 3 4 5 6
M W W W W W
P N N N N N

1 Spectrum
Scale/Div 10 dB
LogRef Lvl Offset 2.15 dB
Ref Level 20.00 dBmMkr1 24.771 4 GHz
-45.56 dBmStart 5.00 GHz
#Res BW 100 kHz

#Video BW 300 kHz

Stop 26.50 GHz
Sweep ~2.06 s (30001 pts)

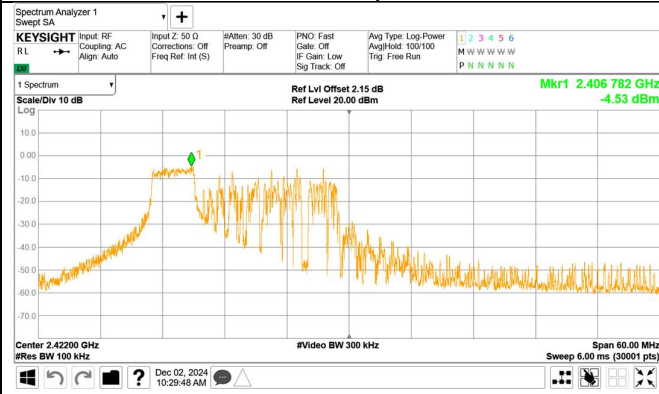
Dec 02, 2024 10:25:10 AM



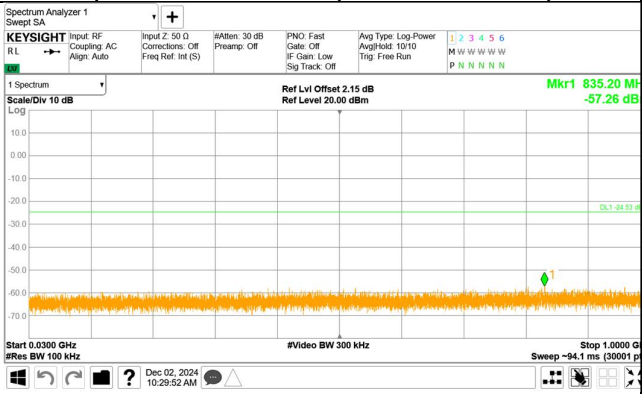
802.11 ax HE40

Out-of-Band Emissions
RU 52_37 Channel 3 (2422MHz)

Reference point



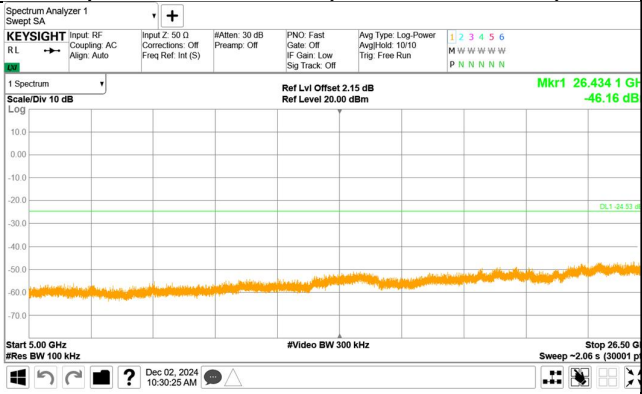
Spurious Emission (30MHz – 1GHz)

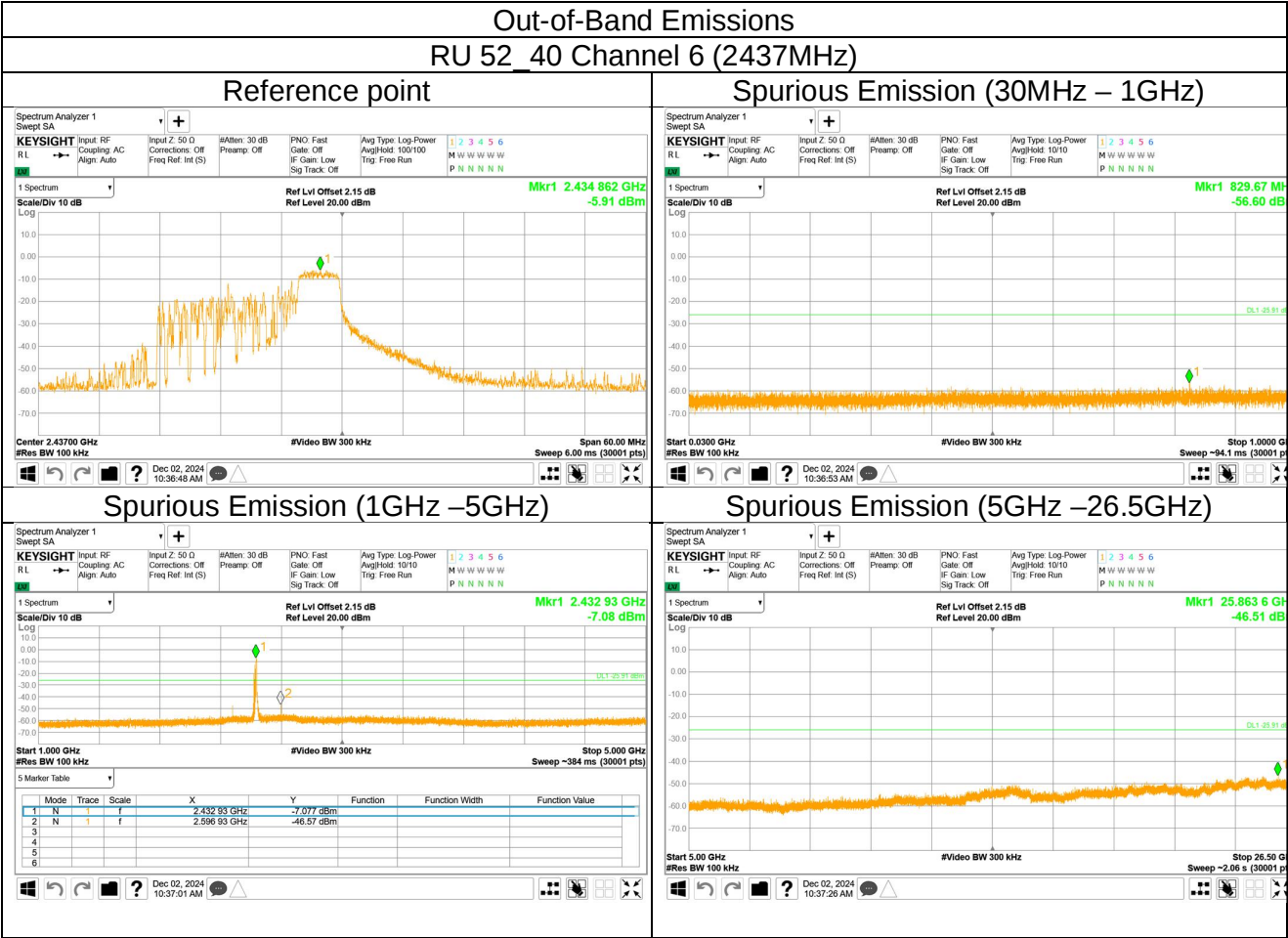


Spurious Emission (1GHz –5GHz)



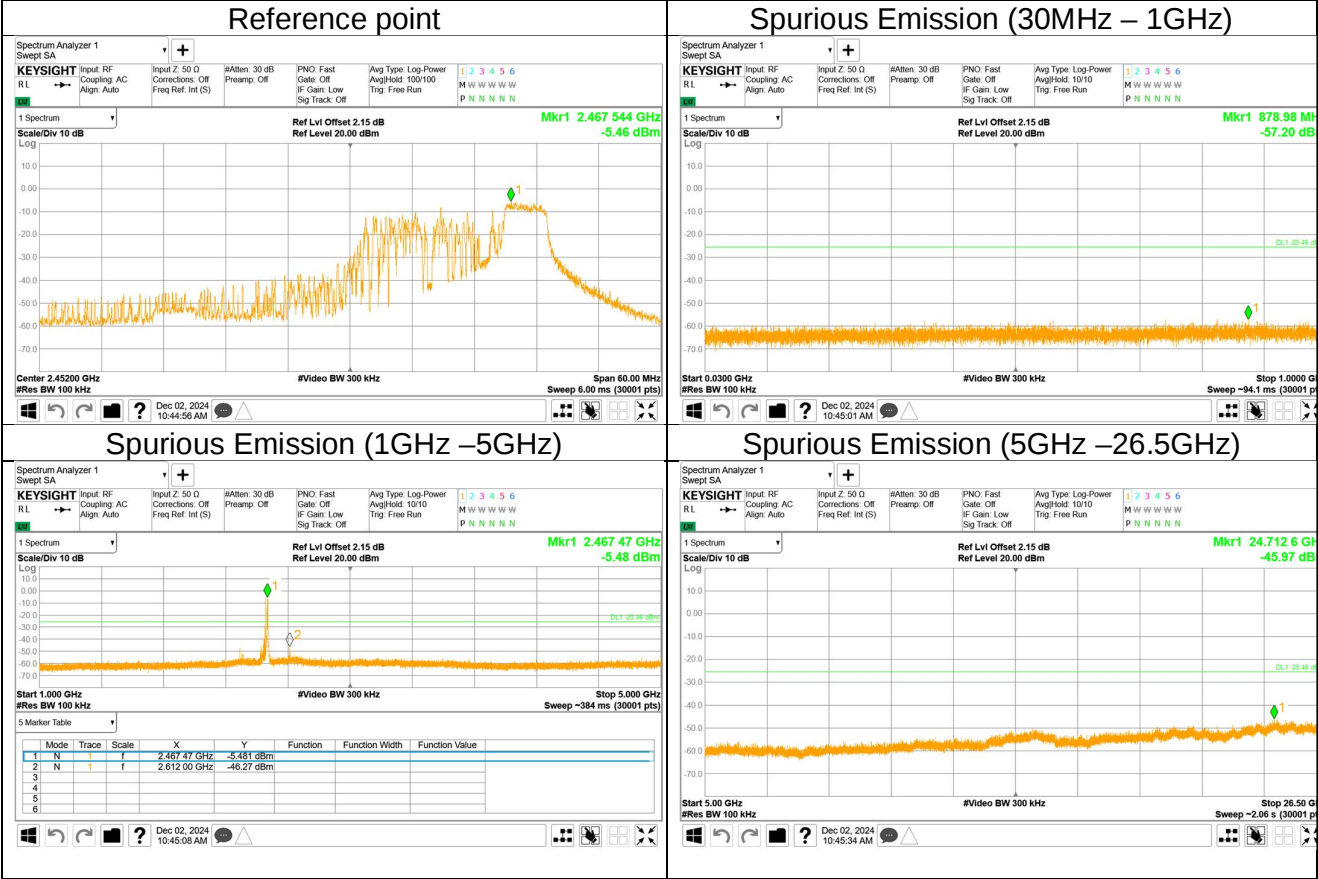
Spurious Emission (5GHz –26.5GHz)







Out-of-Band Emissions
RU 52_44 Channel 9 (2452MHz)

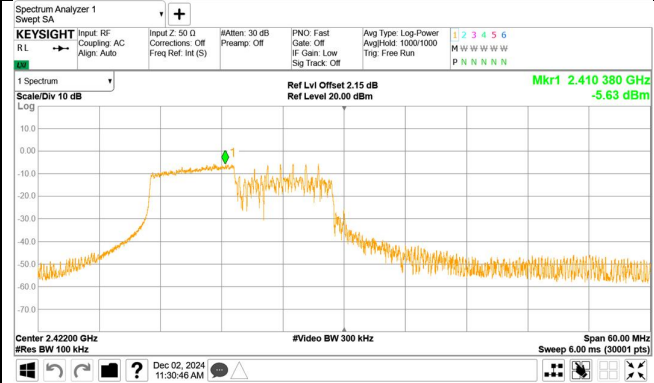




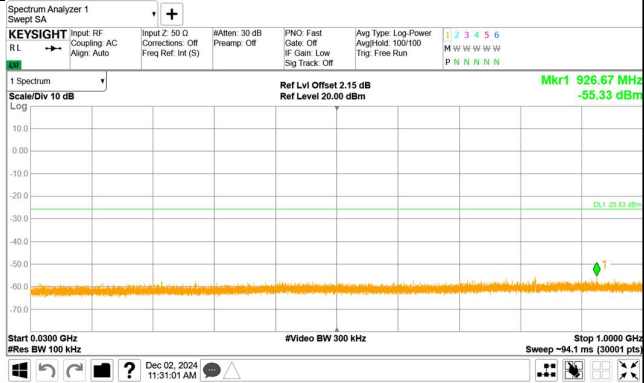
802.11 ax HE40

Out-of-Band Emissions
RU 106_53 Channel 3 (2422MHz)

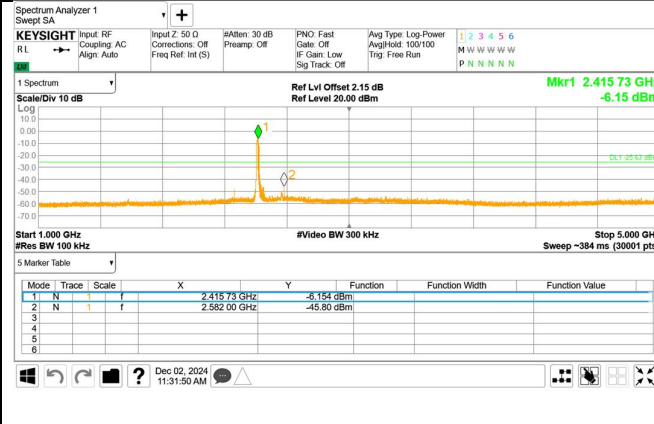
Reference point



Spurious Emission (30MHz – 1GHz)



Spurious Emission (1GHz –5GHz)



Spurious Emission (5GHz –26.5GHz)

