

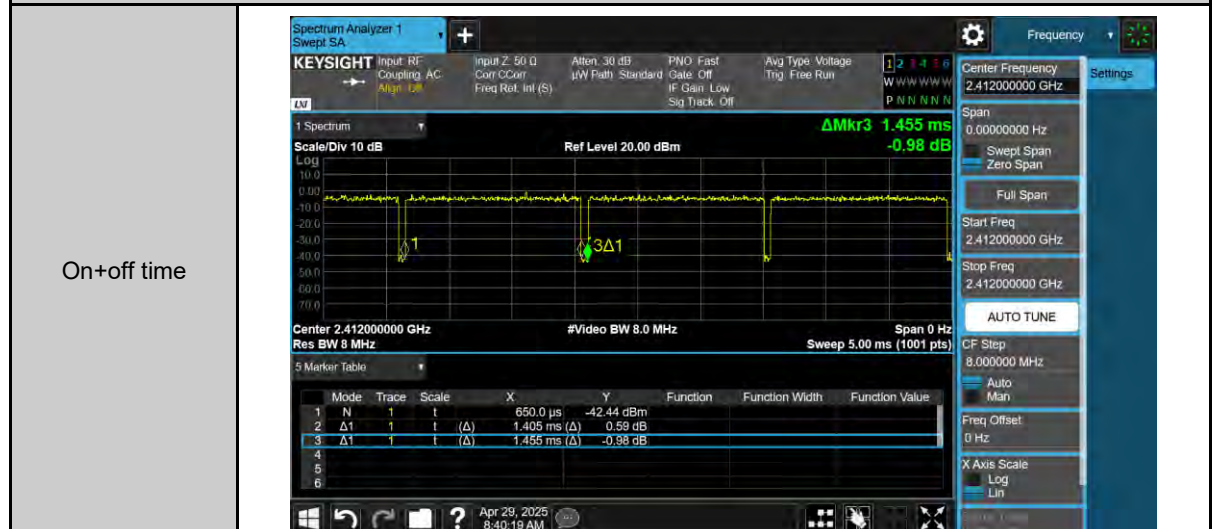
## Appendix B. Test Plots

### Duty cycle

802.11b

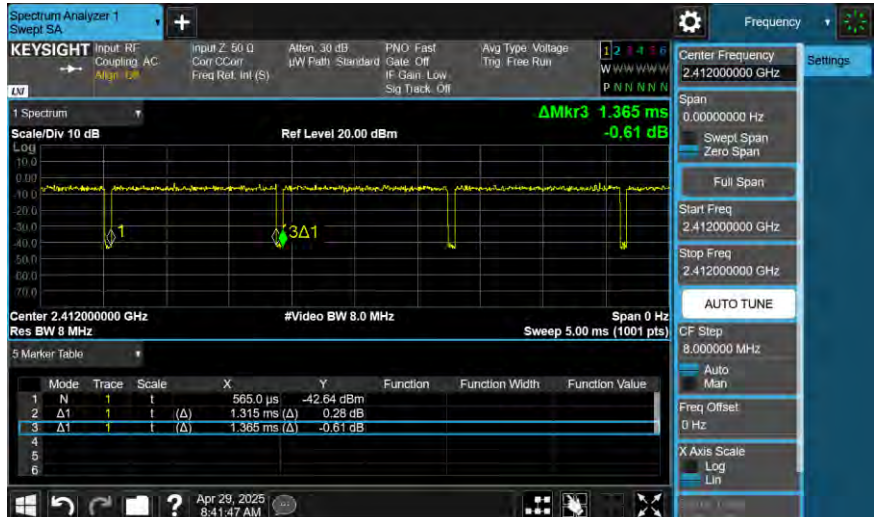


802.11g



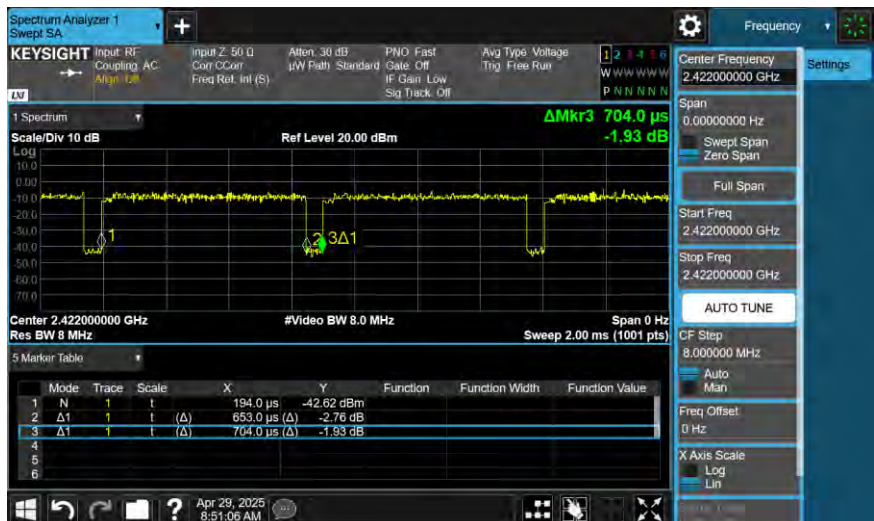
802.11n HT20

On+off time

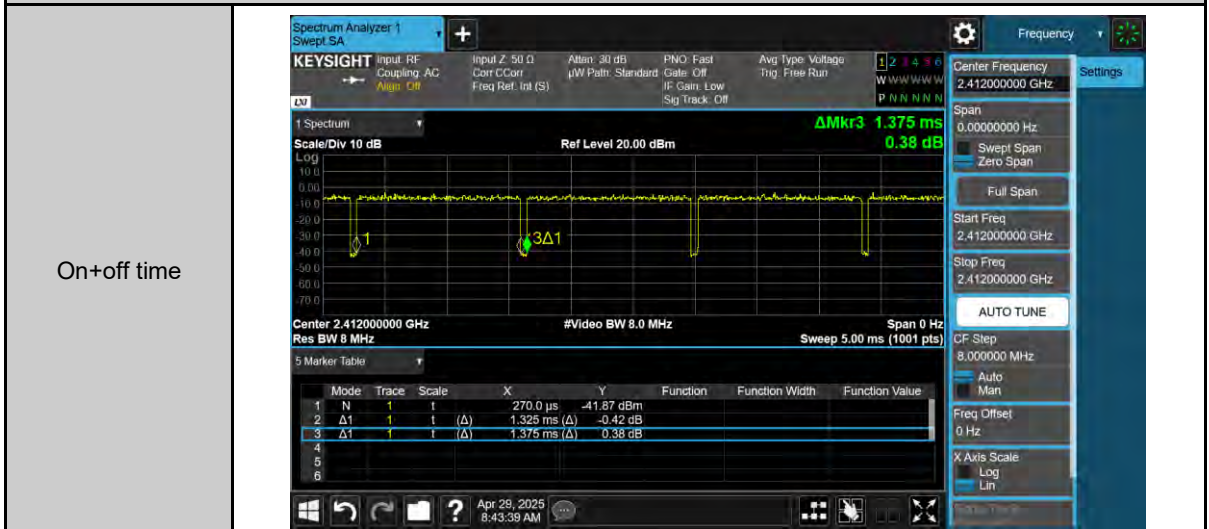


802.11n HT40

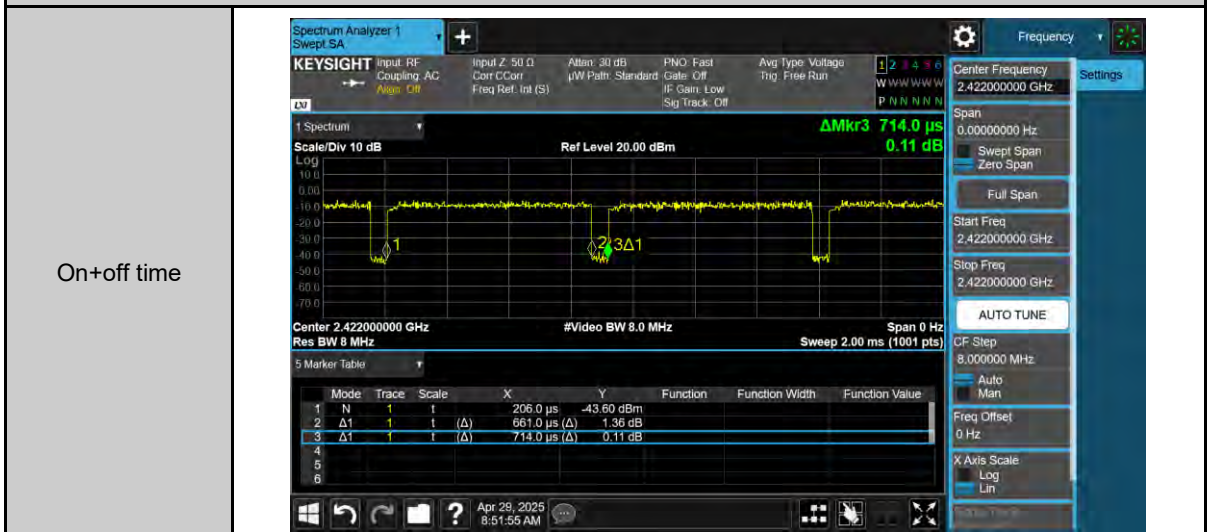
On+off time



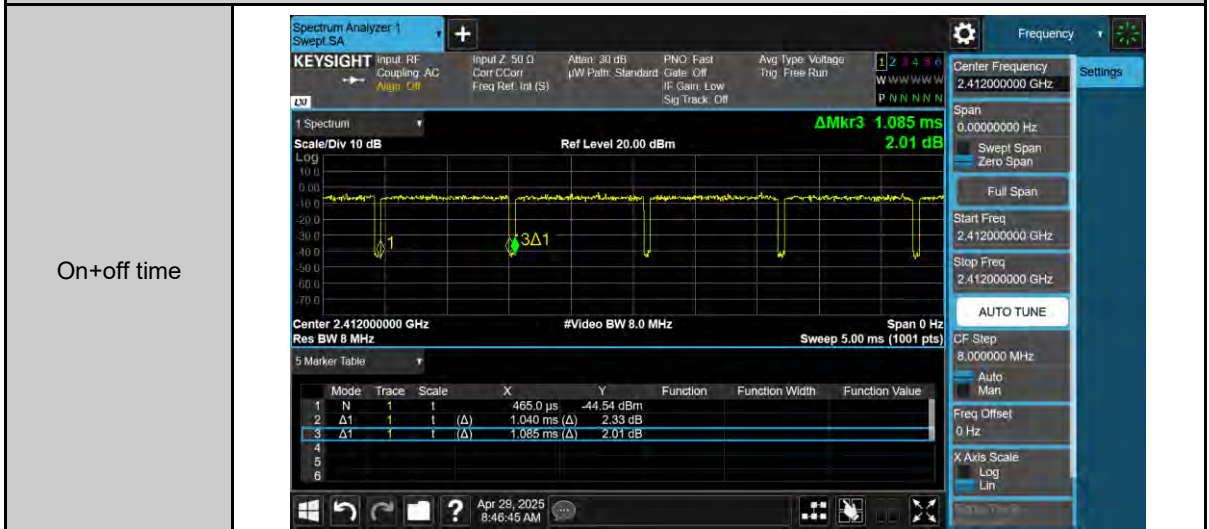
802.11n VHT20



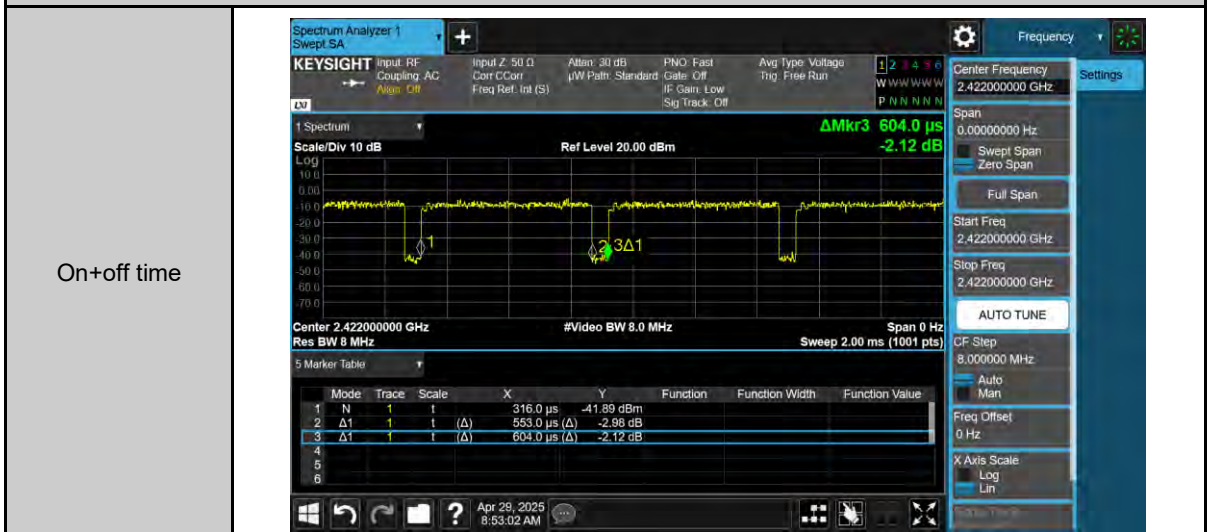
802.11n VHT40



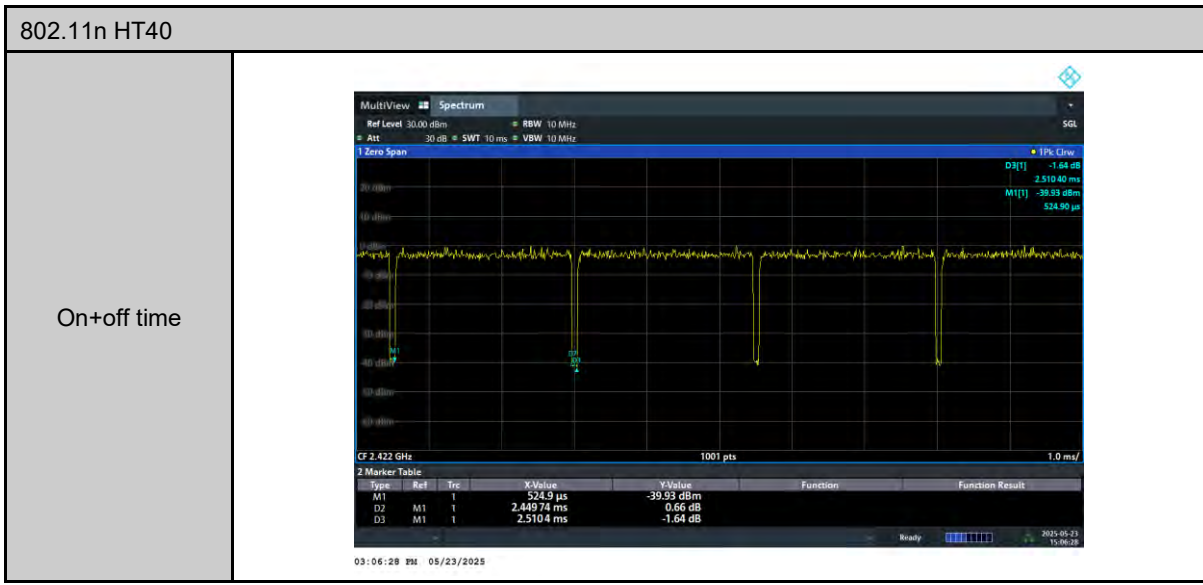
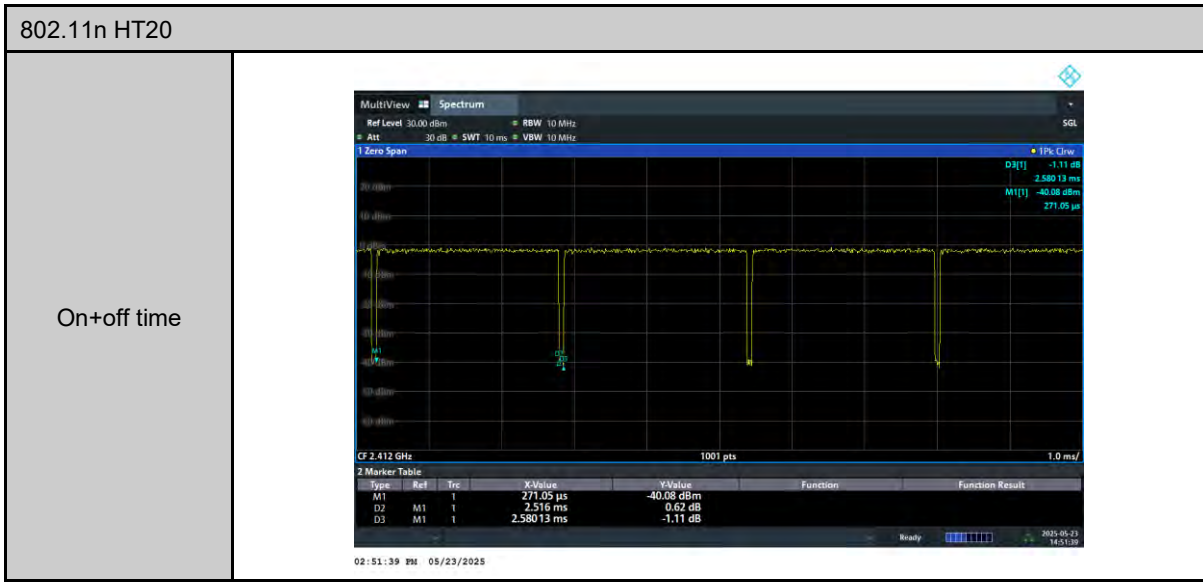
802.11ax HE20



802.11ax HE40

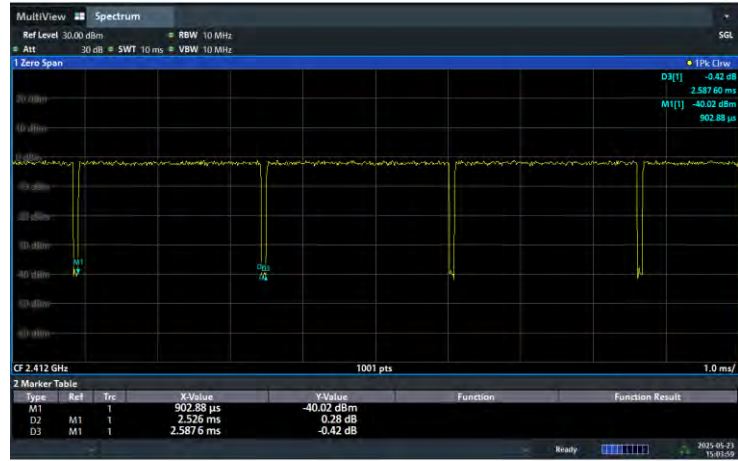


Beamforming on



802.11n VHT20

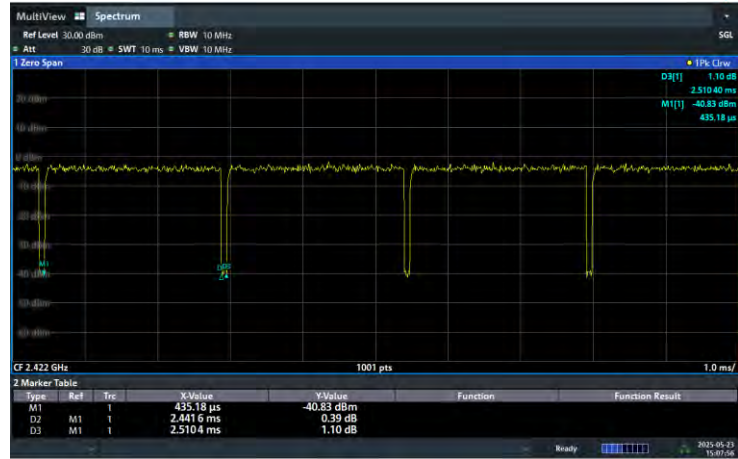
On+off time



03:04:00 PM 05/23/2025

802.11n VHT40

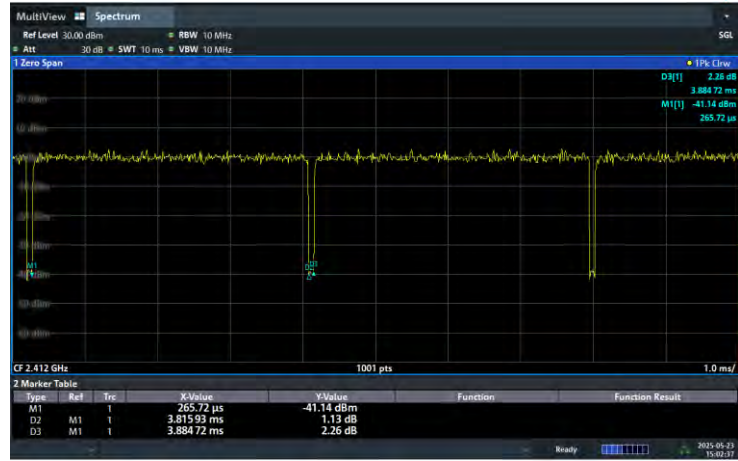
On+off time



03:07:57 PM 05/23/2025

802.11ax HE20

On+off time



03:02:37 PM 05/23/2025

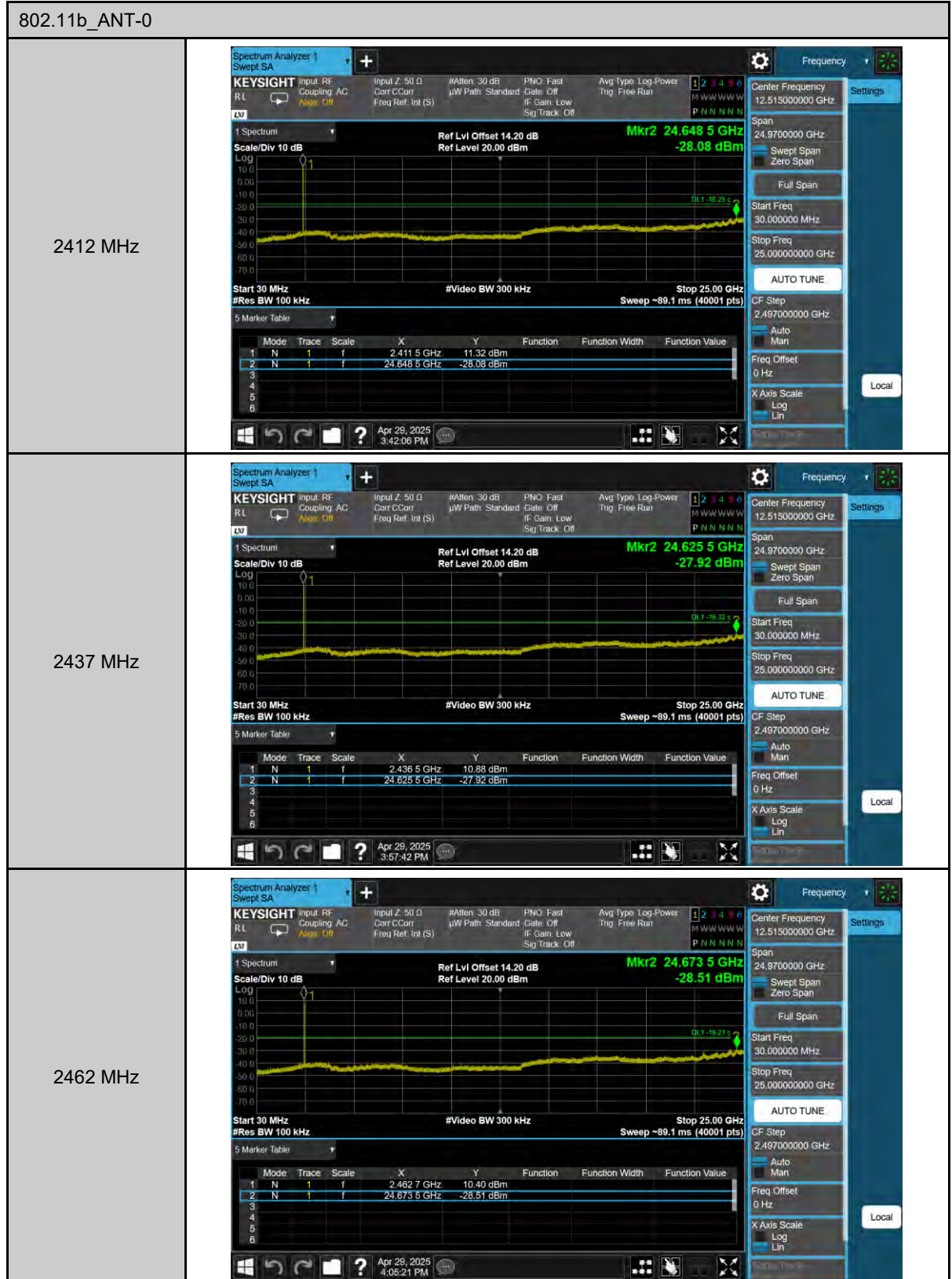
802.11ax HE40

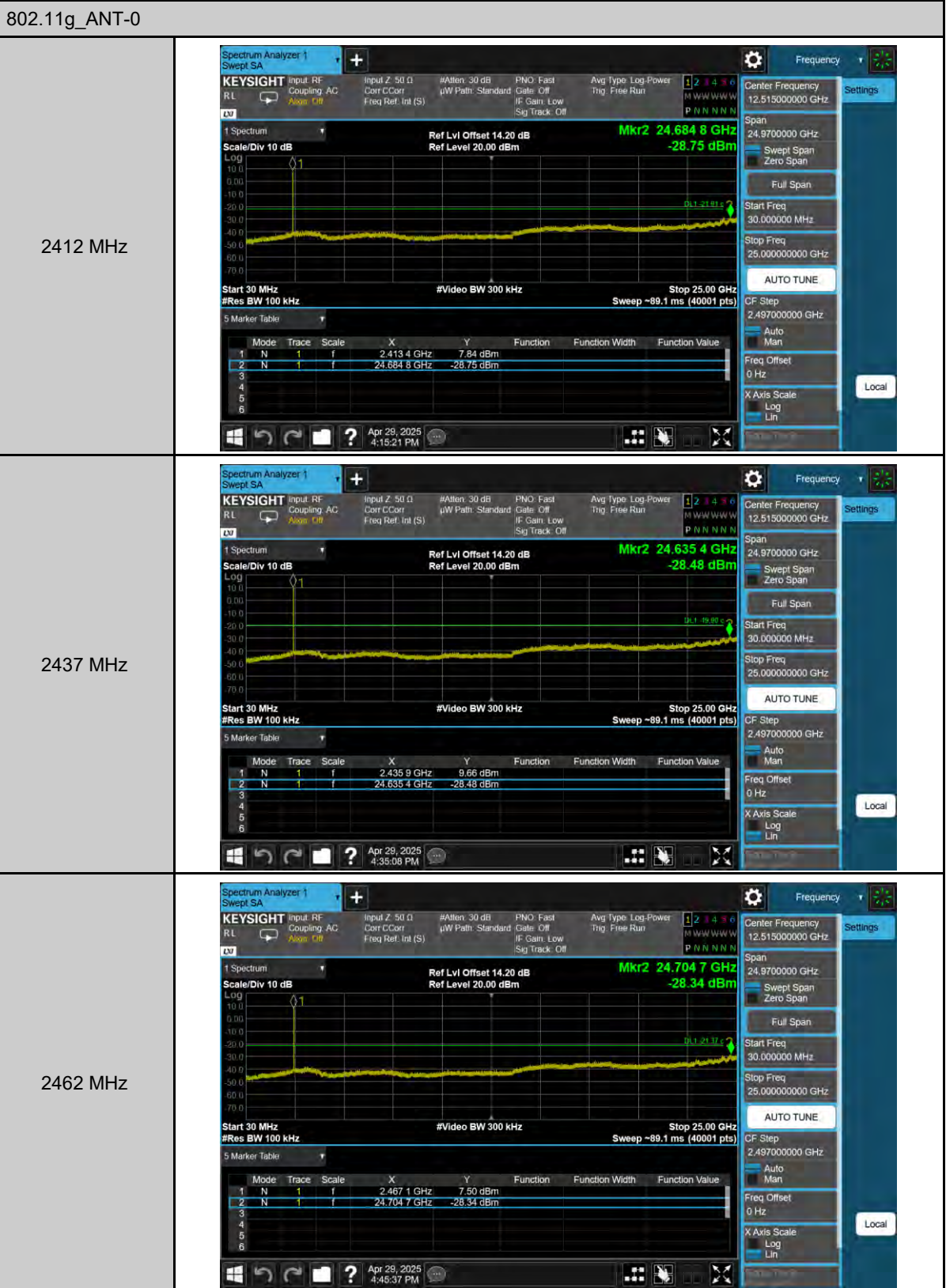
On+off time



03:09:19 PM 05/23/2025

Out of Band Conducted Spurious Emission





802.11n VHT20\_ANT-0

2412 MHz



2437 MHz

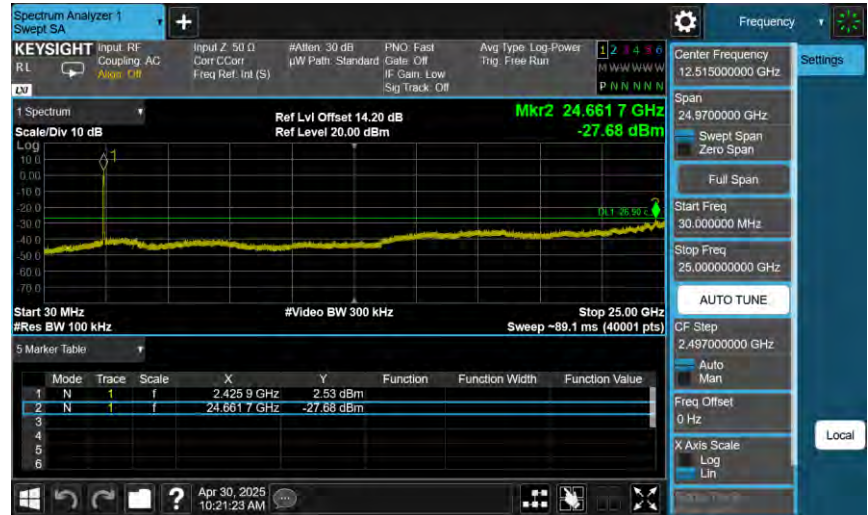


2462 MHz



802.11n VHT40\_ANT-0

2422 MHz



2437 MHz



2452 MHz



802.11ax HE20\_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11ax HE40\_ANT-0

2422 MHz

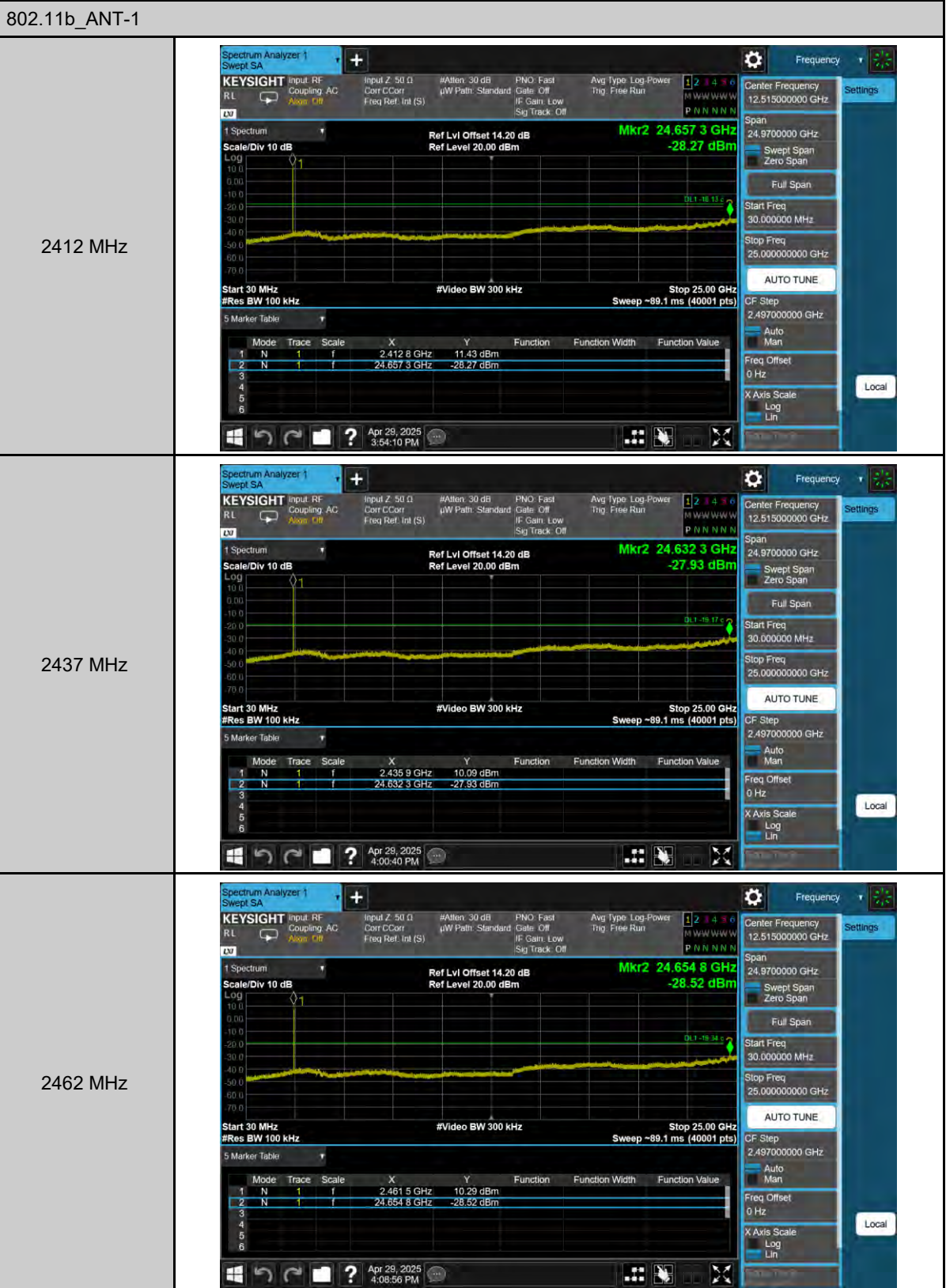


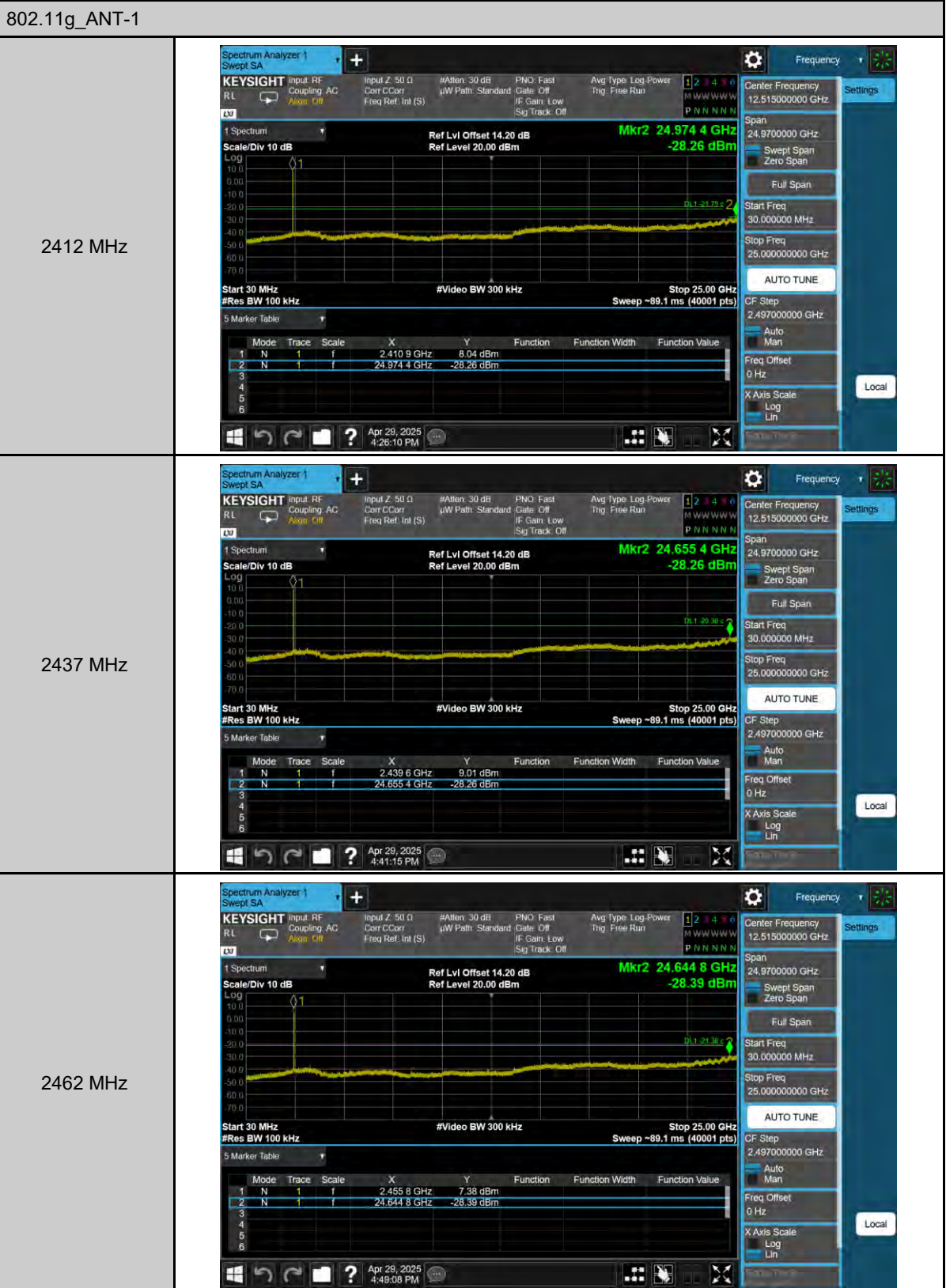
2437 MHz



2452 MHz







802.11n VHT20\_ANT-1

2412 MHz



2437 MHz



2462 MHz



802.11n VHT40\_ANT-1

2422 MHz



2437 MHz

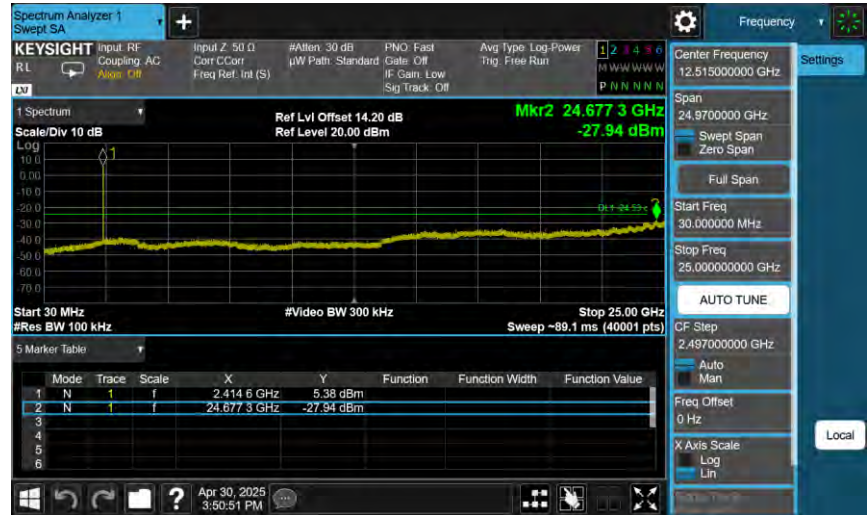


2452 MHz



802.11ax HE20\_ANT-1

2412 MHz



2437 MHz



2462 MHz

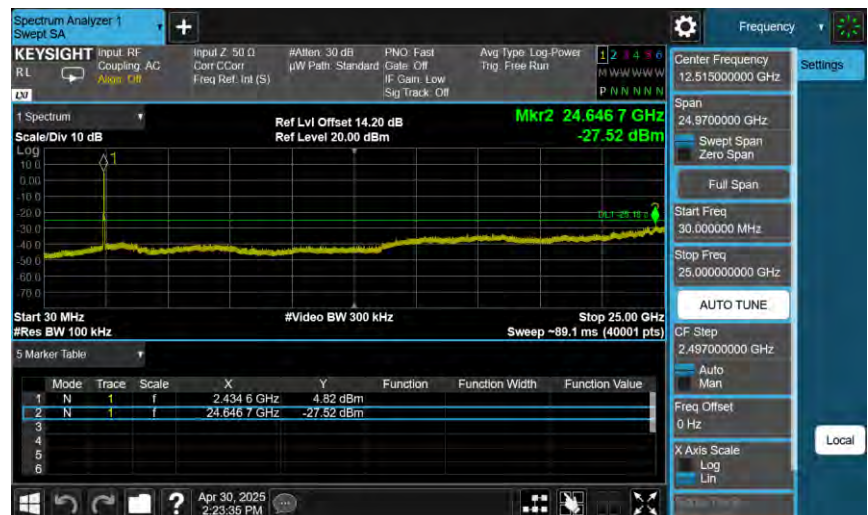


802.11ax HE40\_ANT-1

2422 MHz



2437 MHz



2452 MHz



Reference level

802.11b_ANT-0	
2412 MHz	<p>Center Frequency: 2.41200000 GHz Span: 12.1401380 MHz Start Freq: 2.405929932 GHz Stop Freq: 2.418070068 GHz Mkr1 2.412 534 GHz 11.75 dBm Ref Lvl Offset 14.20 dB Ref Level 20.00 dBm Center 2.412000 GHz #Res BW 100 kHz #Video BW 300 kHz Span 12.14 MHz Sweep 1.00 ms (1001 pts)</p>
2437 MHz	<p>Center Frequency: 2.43700000 GHz Span: 12.1220280 MHz Start Freq: 2.430938986 GHz Stop Freq: 2.443061014 GHz Mkr1 2.437 521 GHz 10.68 dBm Ref Lvl Offset 14.20 dB Ref Level 20.00 dBm Center 2.437000 GHz #Res BW 100 kHz #Video BW 300 kHz Span 12.12 MHz Sweep 1.00 ms (1001 pts)</p>
2462 MHz	<p>Center Frequency: 2.46200000 GHz Span: 12.1356420 MHz Start Freq: 2.455932178 GHz Stop Freq: 2.468067821 GHz Mkr1 2.462 522 GHz 10.79 dBm Ref Lvl Offset 14.20 dB Ref Level 20.00 dBm Center 2.462000 GHz #Res BW 100 kHz #Video BW 300 kHz Span 12.14 MHz Sweep 1.00 ms (1001 pts)</p>



802.11n VHT20\_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11n VHT40\_ANT-0

2422 MHz



2437 MHz

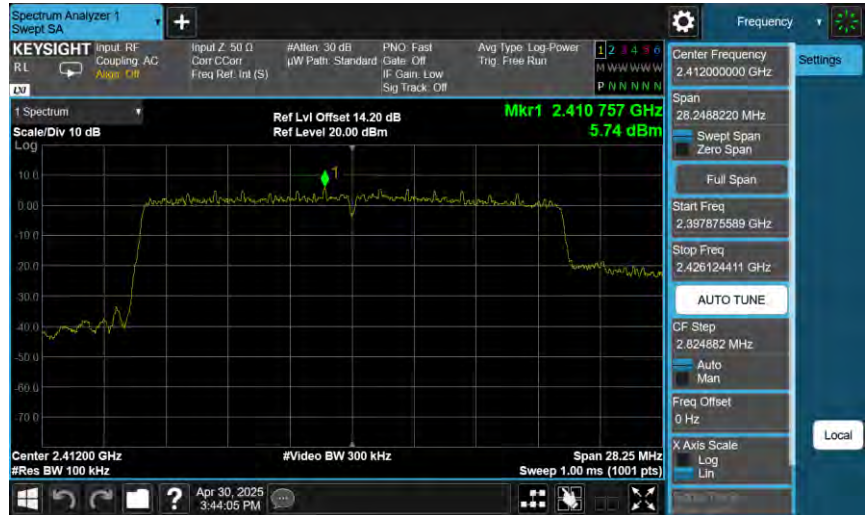


2452 MHz



802.11ax HE20\_ANT-0

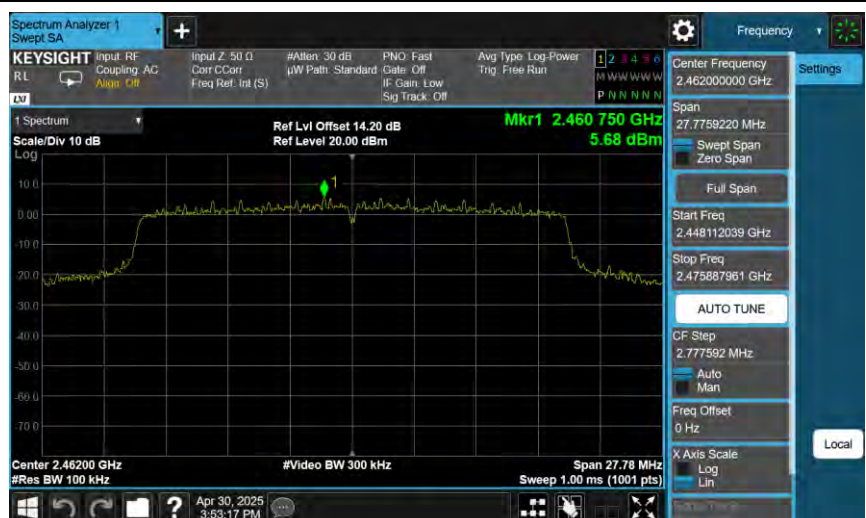
2412 MHz



2437 MHz



2462 MHz



802.11ax HE40\_ANT-0

2422 MHz



2437 MHz

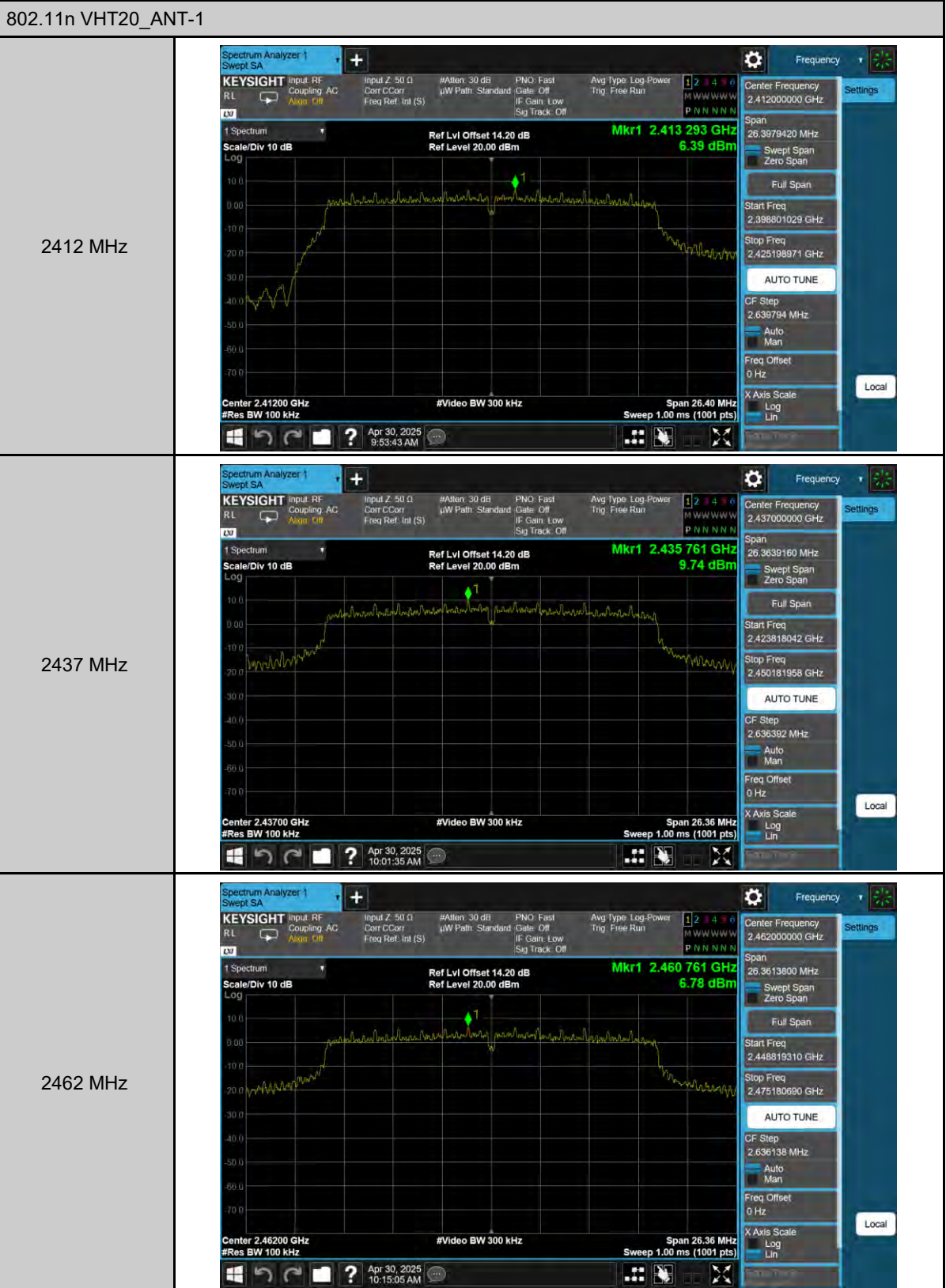


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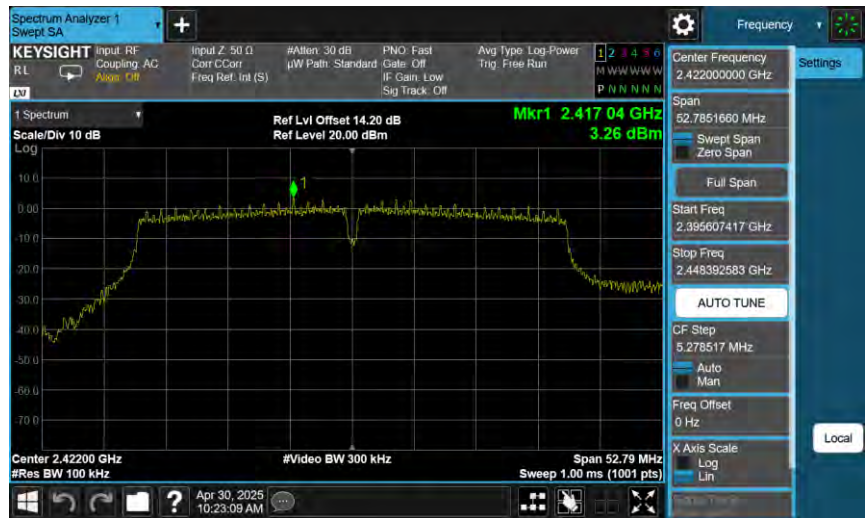






802.11n VHT40\_ANT-1

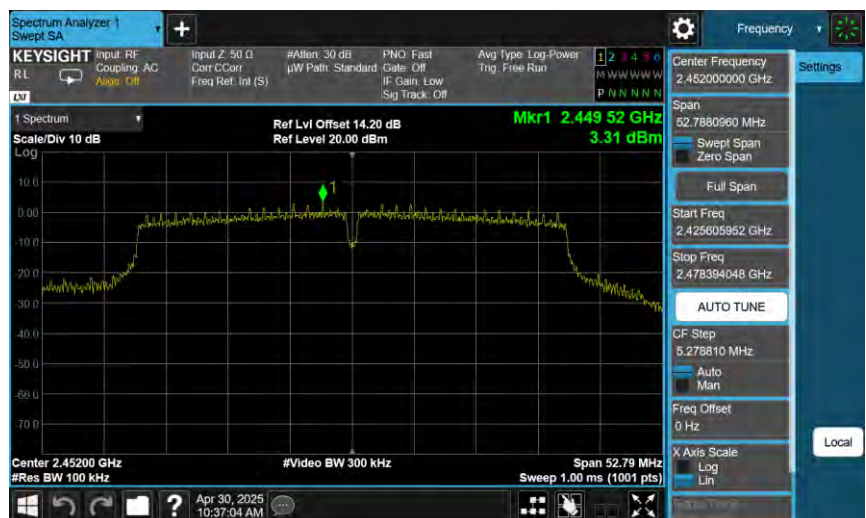
2422 MHz



2437 MHz



2452 MHz



802.11ax HE20\_ANT-1



802.11ax HE40\_ANT-1

2422 MHz



2437 MHz



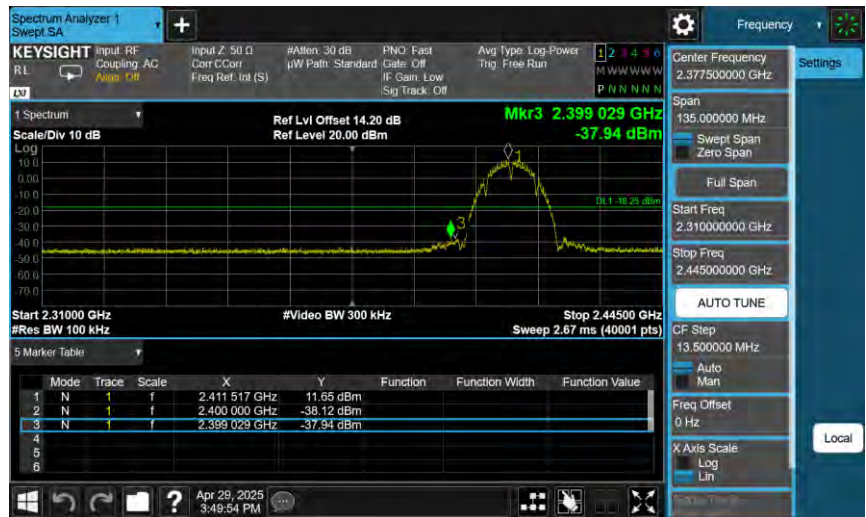
2452 MHz



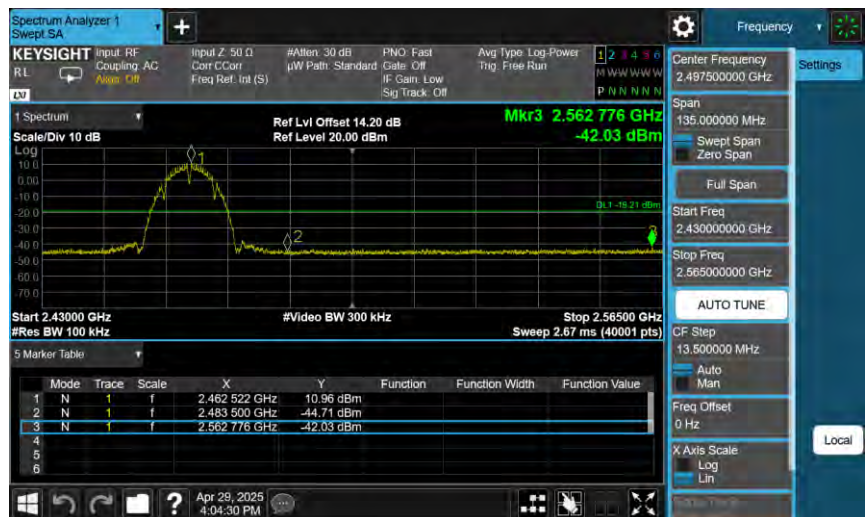
Conducted Band Edge

802.11b\_ANT-0

2412 MHz



2462 MHz



802.11g\_ANT-0

2412 MHz



2462 MHz



802.11n VHT20\_ANT-0

2412 MHz



2462 MHz

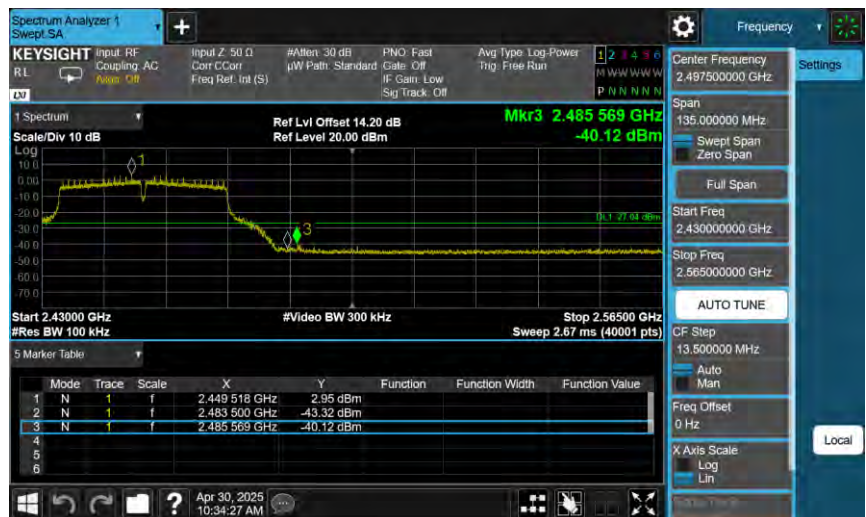


802.11n VHT40\_ANT-0

2422 MHz



2452 MHz



802.11ax HE20\_ANT-0

2412 MHz



2462 MHz



802.11ax HE40\_ANT-0

2422 MHz

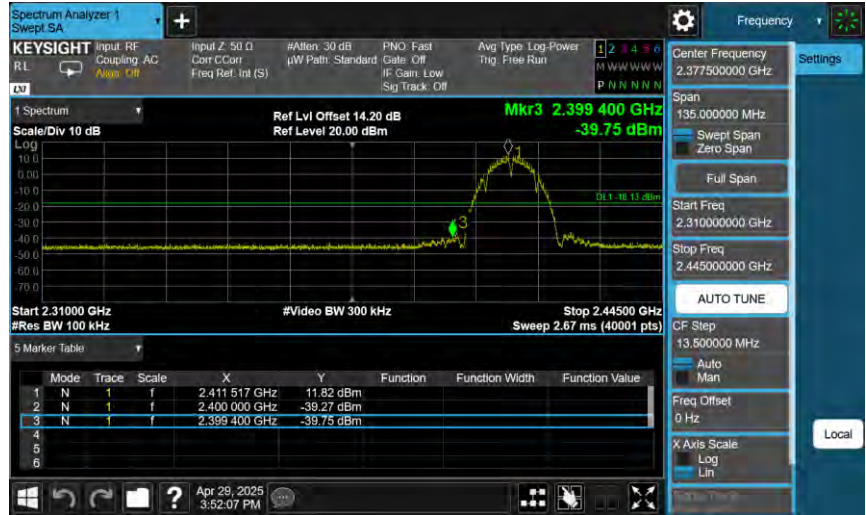


2452 MHz



802.11b\_ANT-1

2412 MHz



2462 MHz



802.11g\_ANT-1

2412 MHz



2462 MHz



802.11n VHT20\_ANT-1

2412 MHz



2462 MHz

