

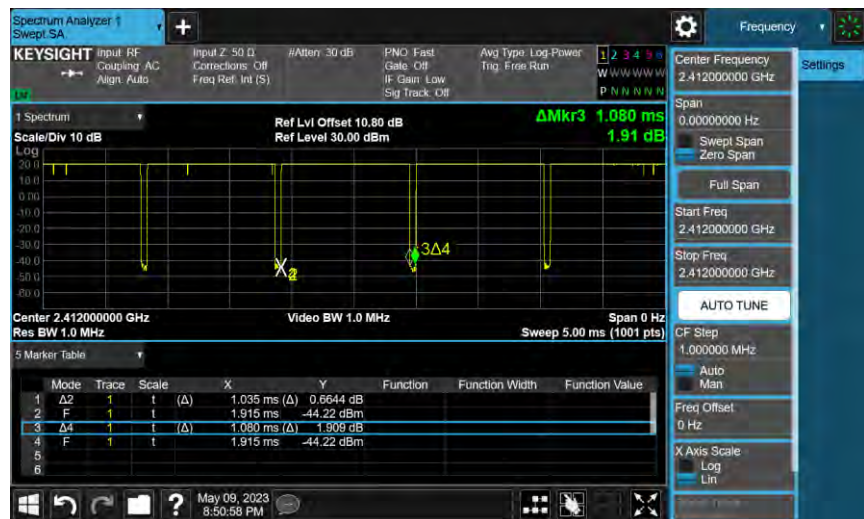
Appendix B Test Plots

1X1

Duty cycle

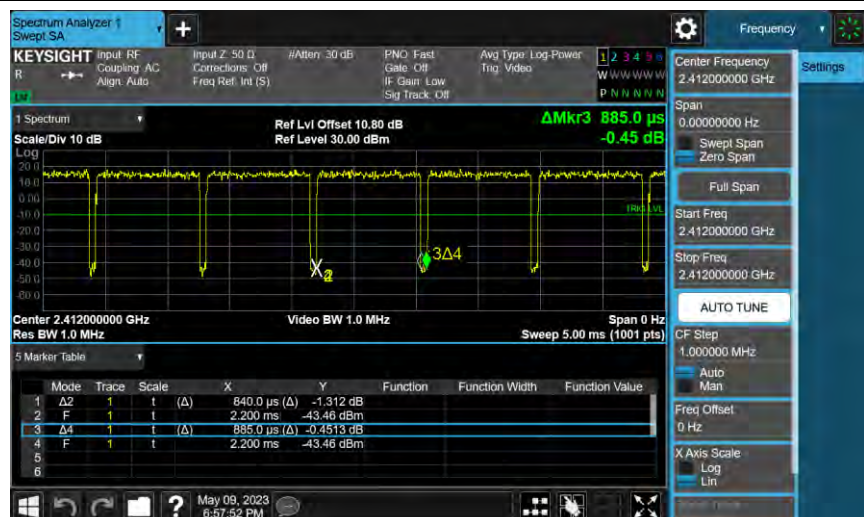
802.11b

On+off time



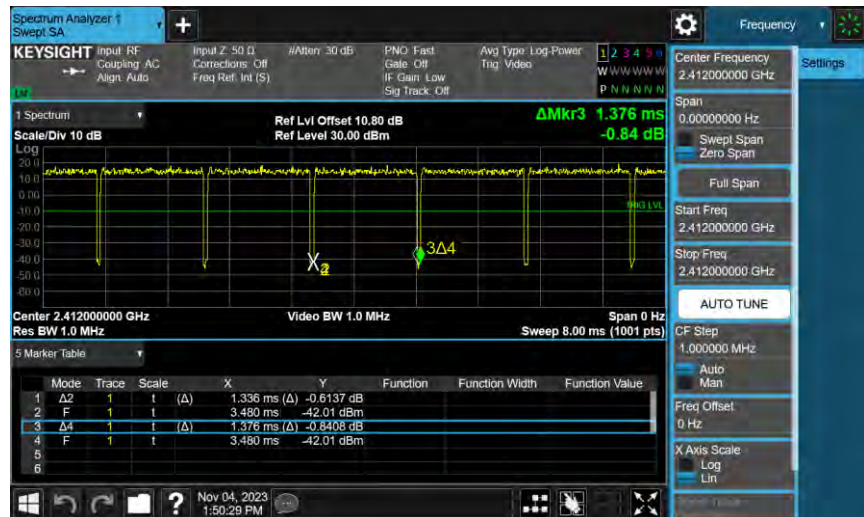
802.11g

On+off time



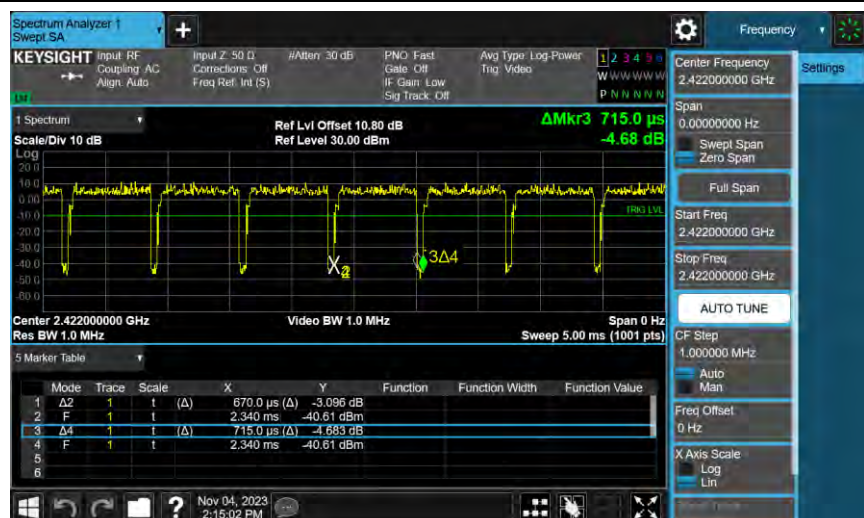
802.11n VHT20

On+off time



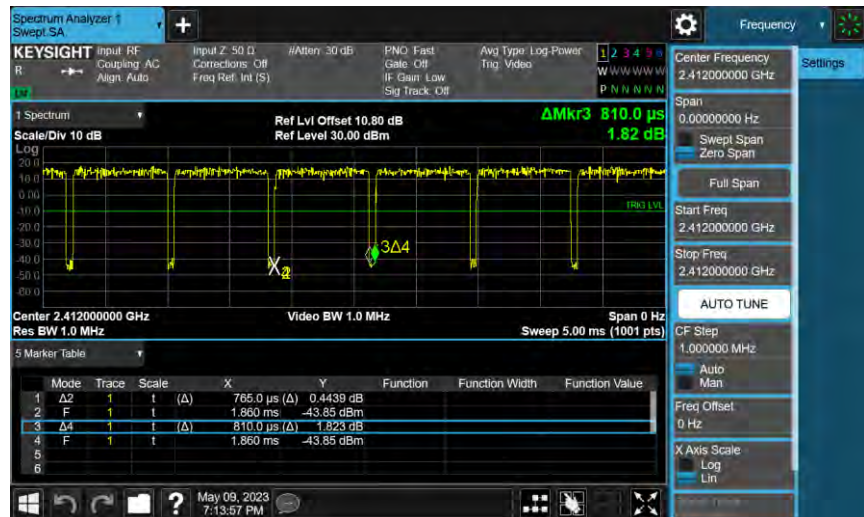
802.11n VHT40

On+off time



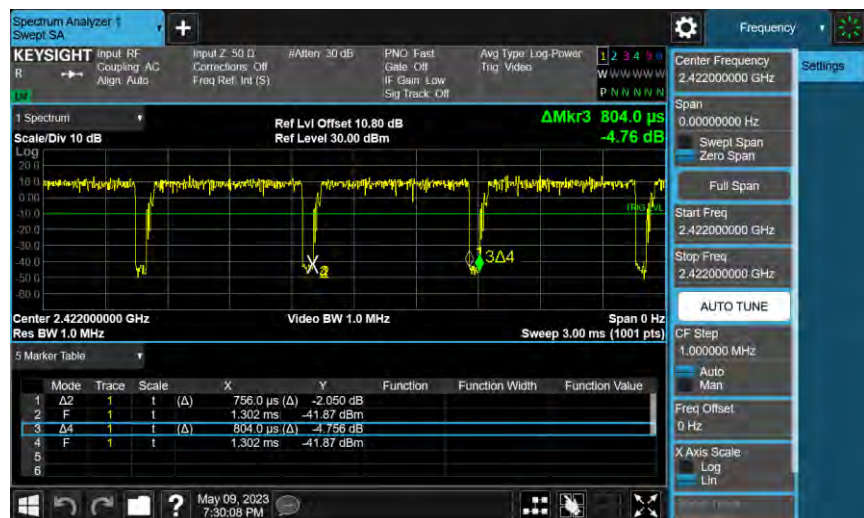
802.11ax HE20

On+off time

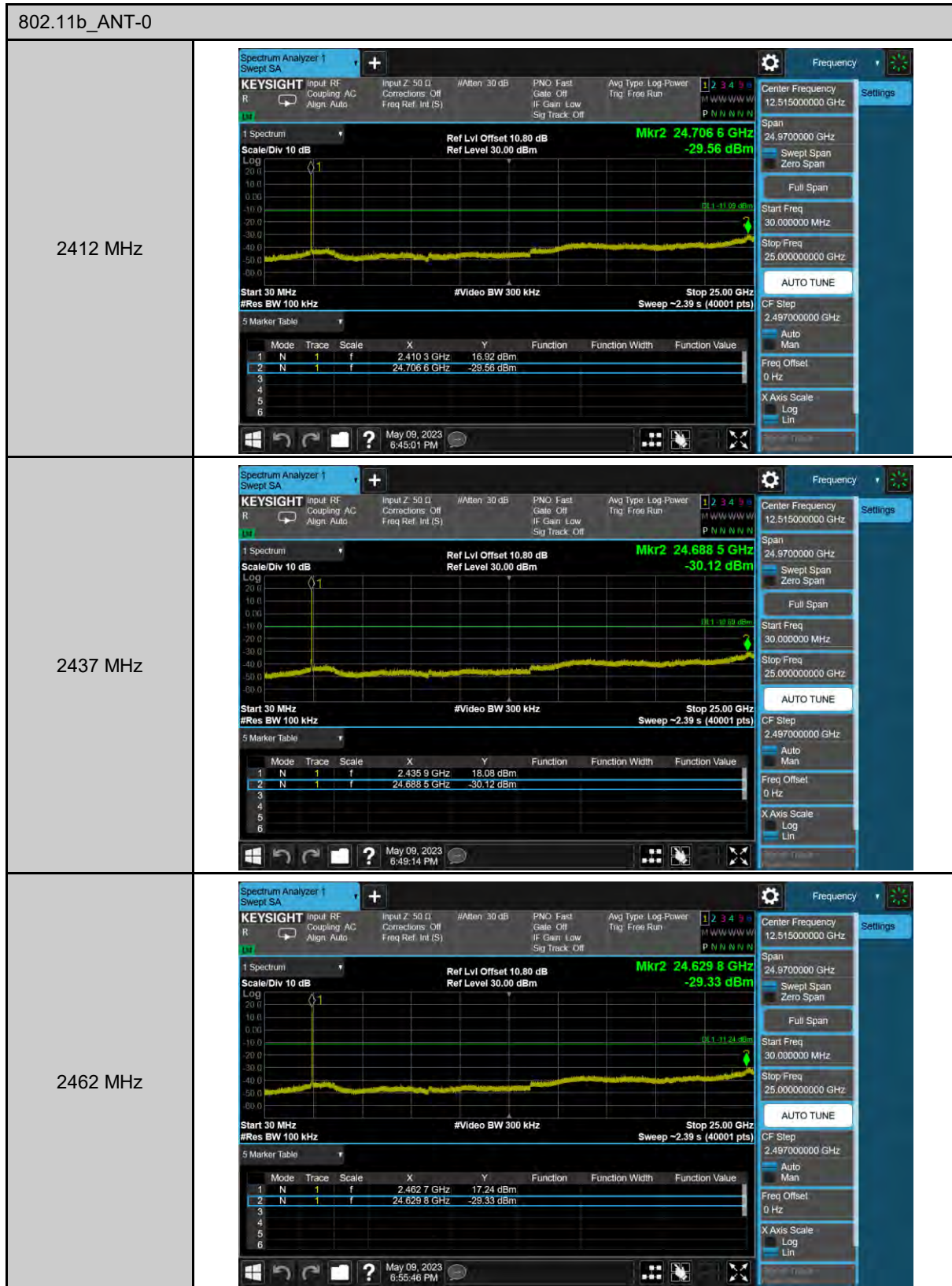


802.11ax HE40

On+off time



Out of Band Conducted Spurious Emission



802.11g_ANT-0

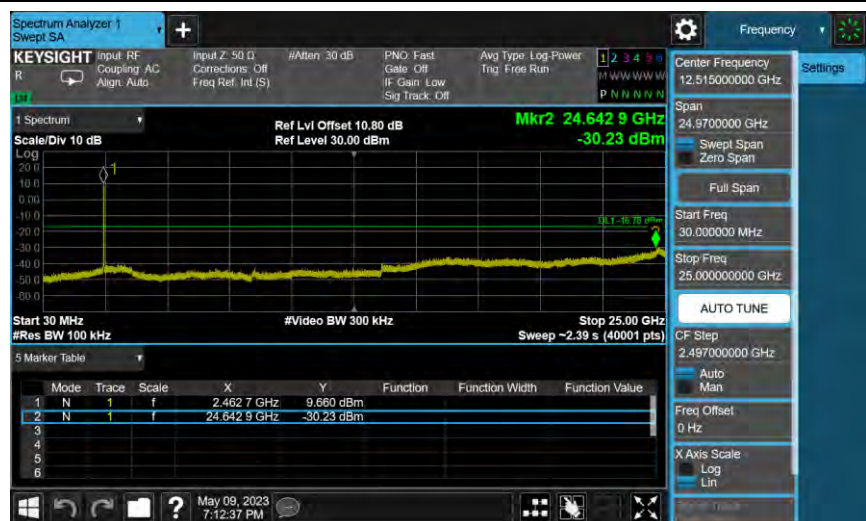
2412 MHz



2437 MHz



2462 MHz



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

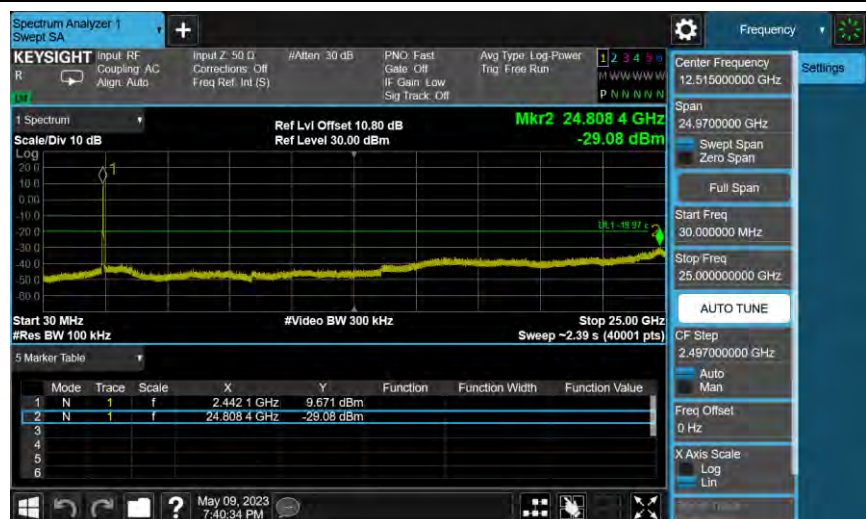


802.11ax HE40_ANT-0

2422 MHz



2437 MHz



2452 MHz



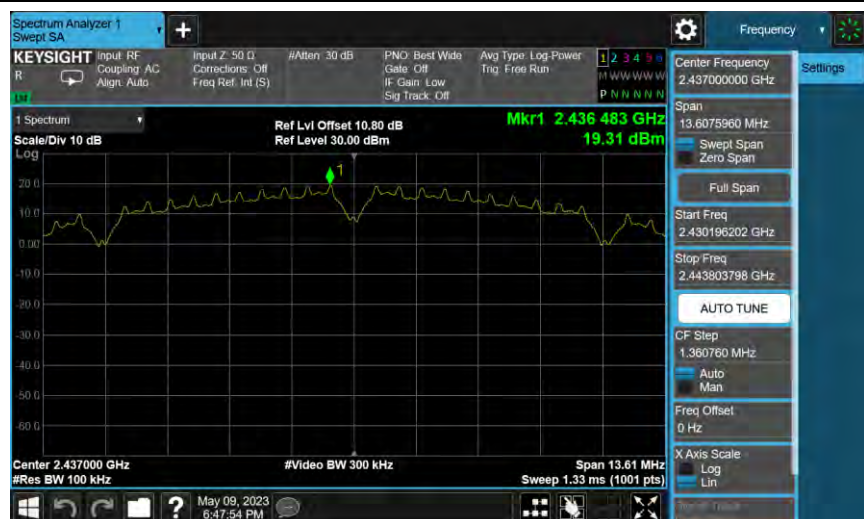
Reference level

802.11b_ANT-0

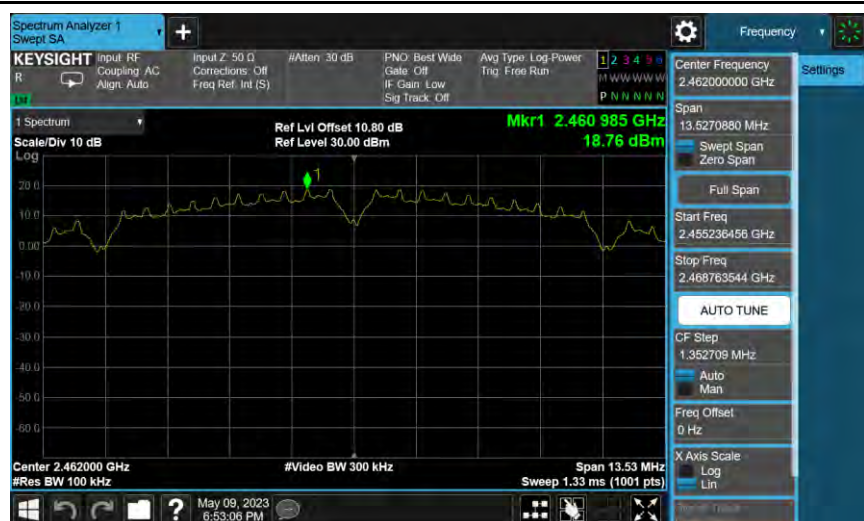
2412 MHz



2437 MHz



2462 MHz



802.11g_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11n VHT20_ANT-0

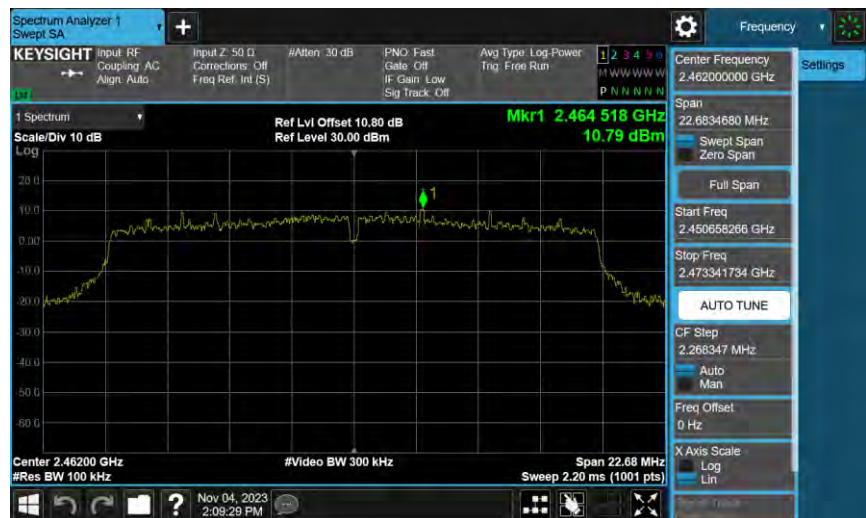
2412 MHz



2437 MHz



2462 MHz

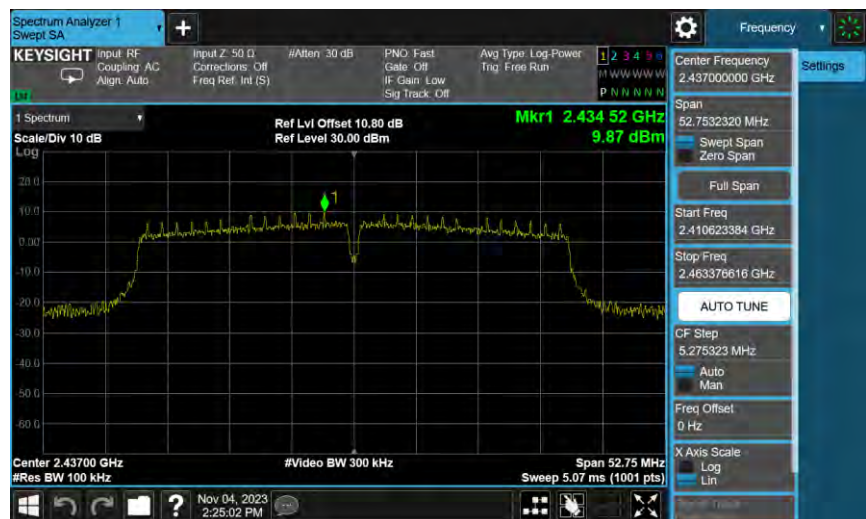


802.11n VHT40_ANT-0

2422 MHz



2437 MHz

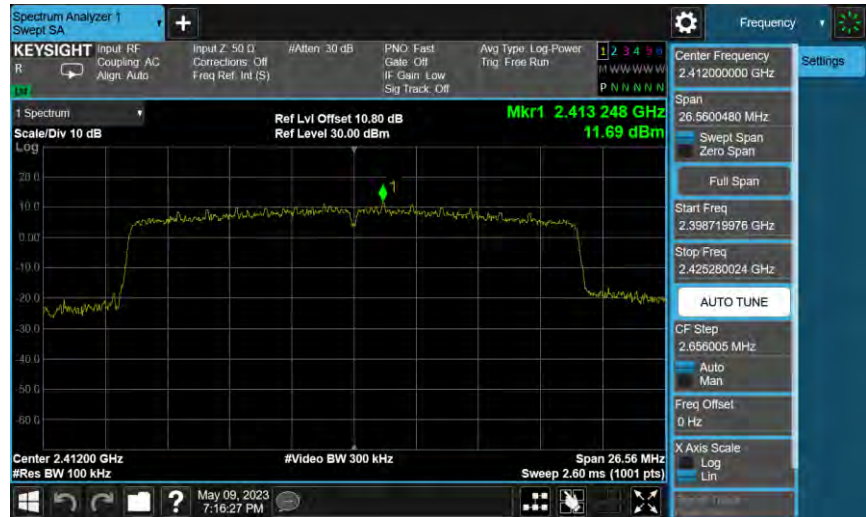


2452 MHz



802.11ax HE20_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11ax HE40_ANT-0

2422 MHz



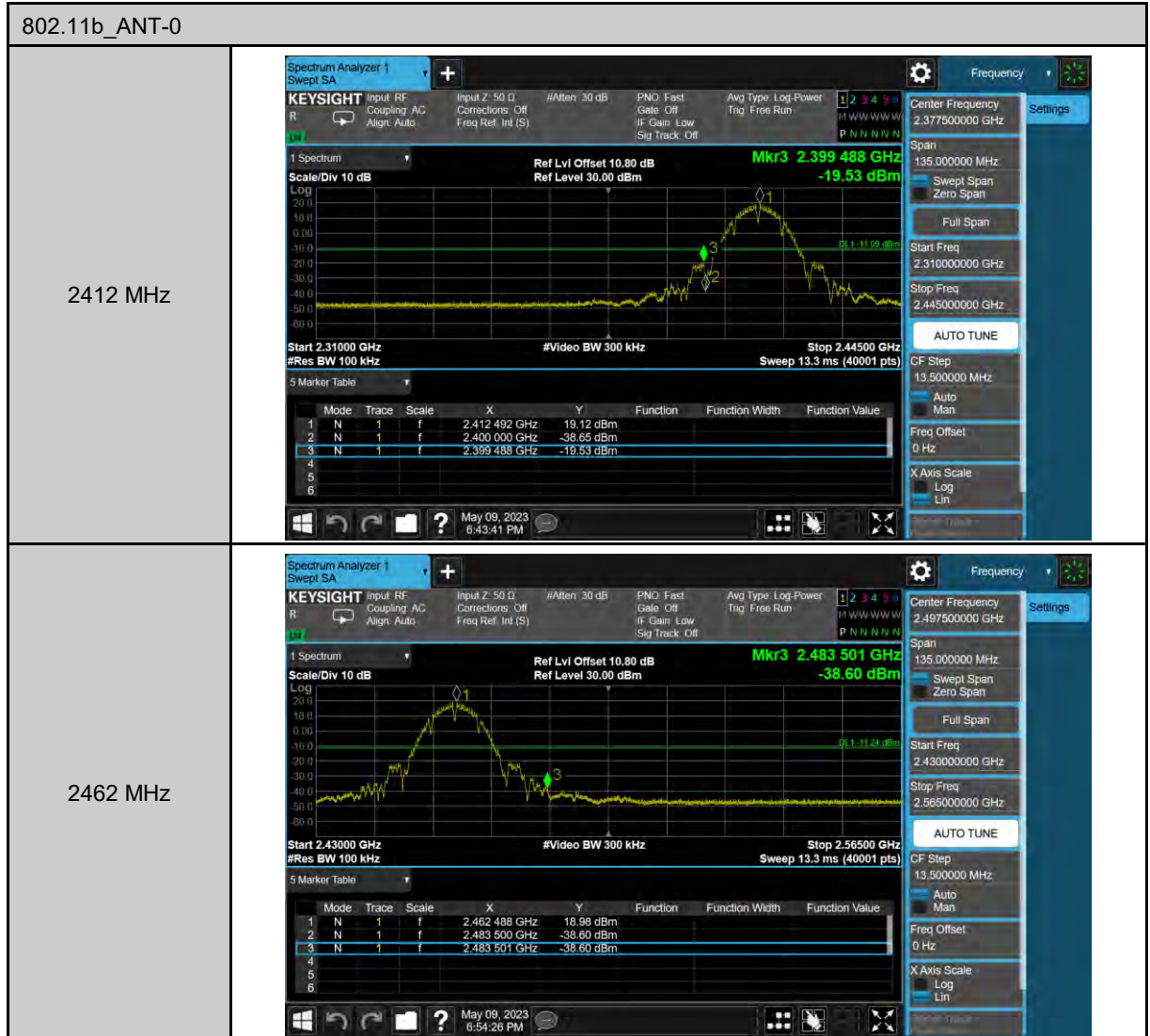
2437 MHz



2452 MHz

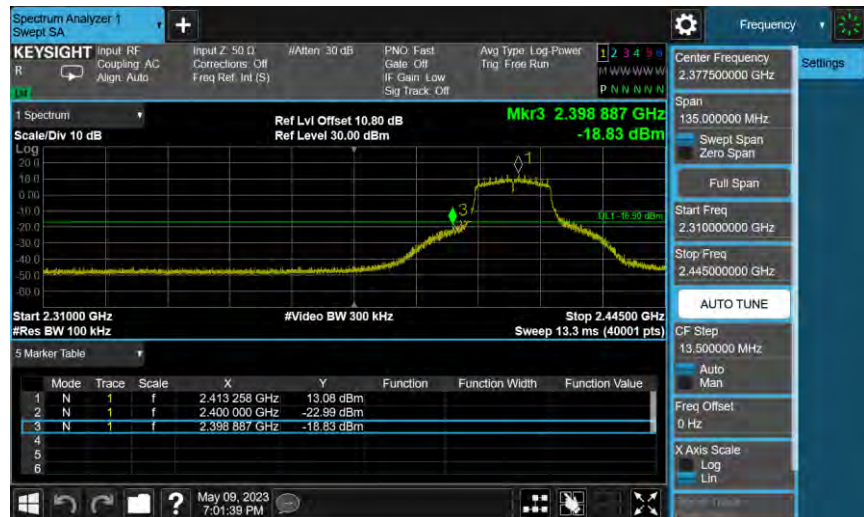


Conducted Band Edge



802.11g_ANT-0

2412 MHz

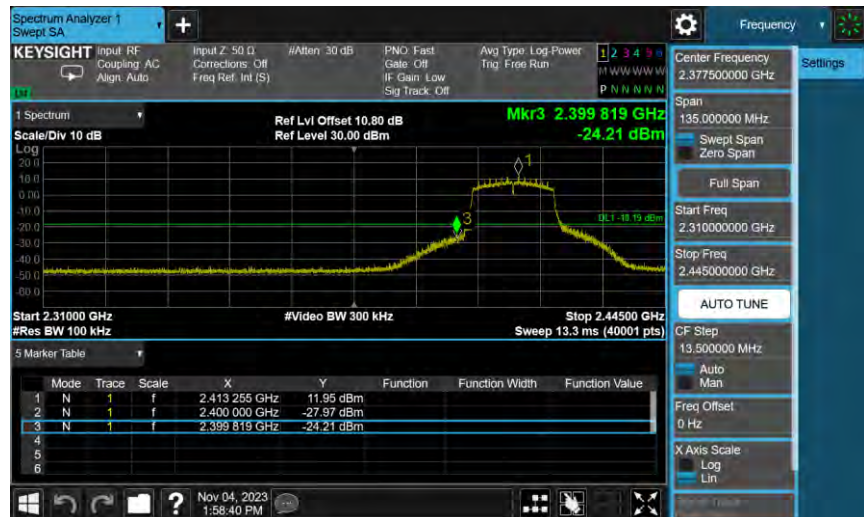


2462 MHz



802.11n VHT20_ANT-0

2412 MHz

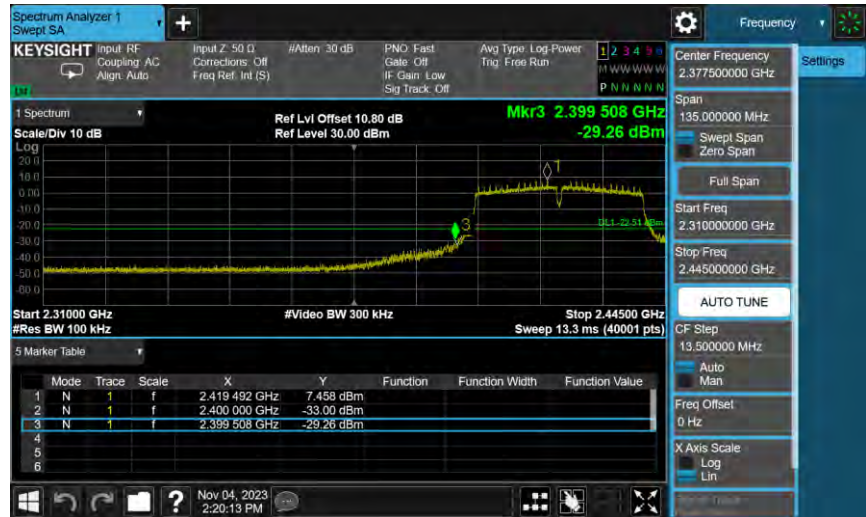


2462 MHz

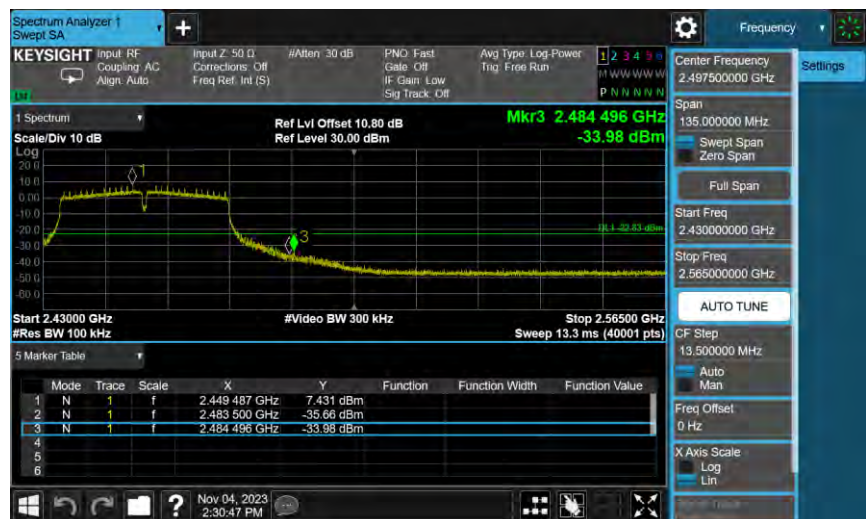


802.11n VHT40_ANT-0

2422 MHz

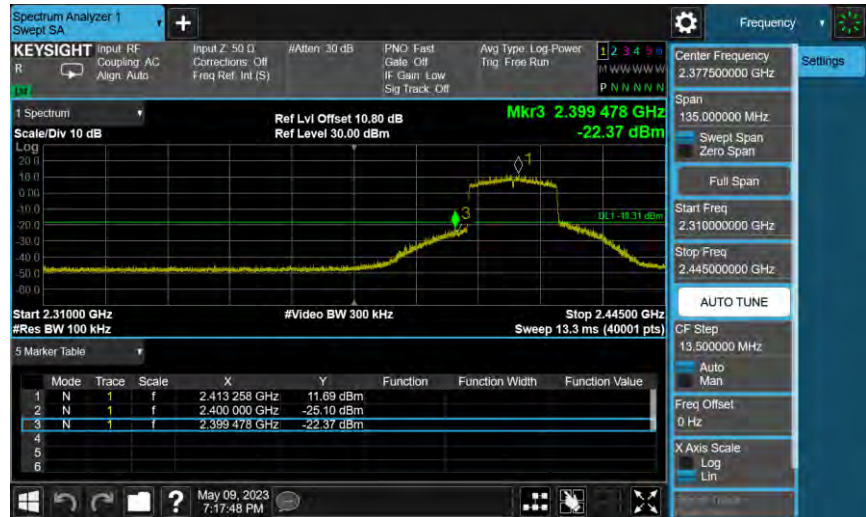


2452 MHz



802.11ax HE20_ANT-0

2412 MHz



2462 MHz

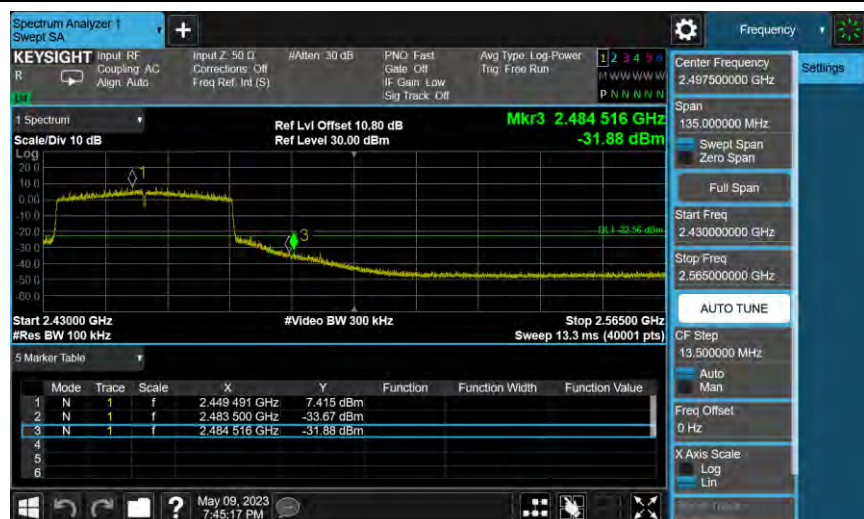


802.11ax HE40_ANT-0

2422 MHz



2452 MHz



6 dB Bandwidth

802.11b_ANT-0	
2437 MHz	
2462 MHz	

802.11g_ANT-0

2412 MHz



2437 MHz



2462 MHz



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

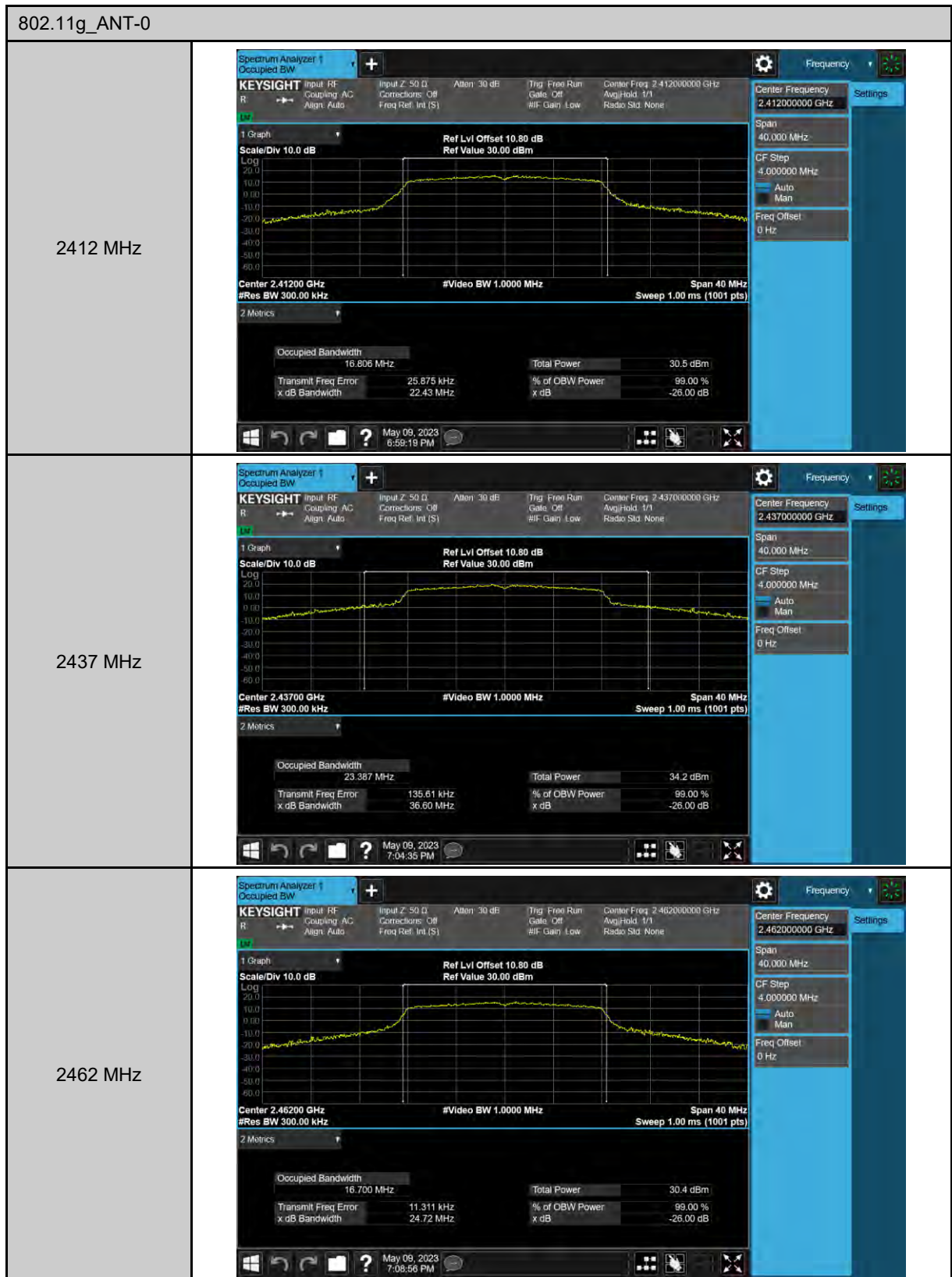


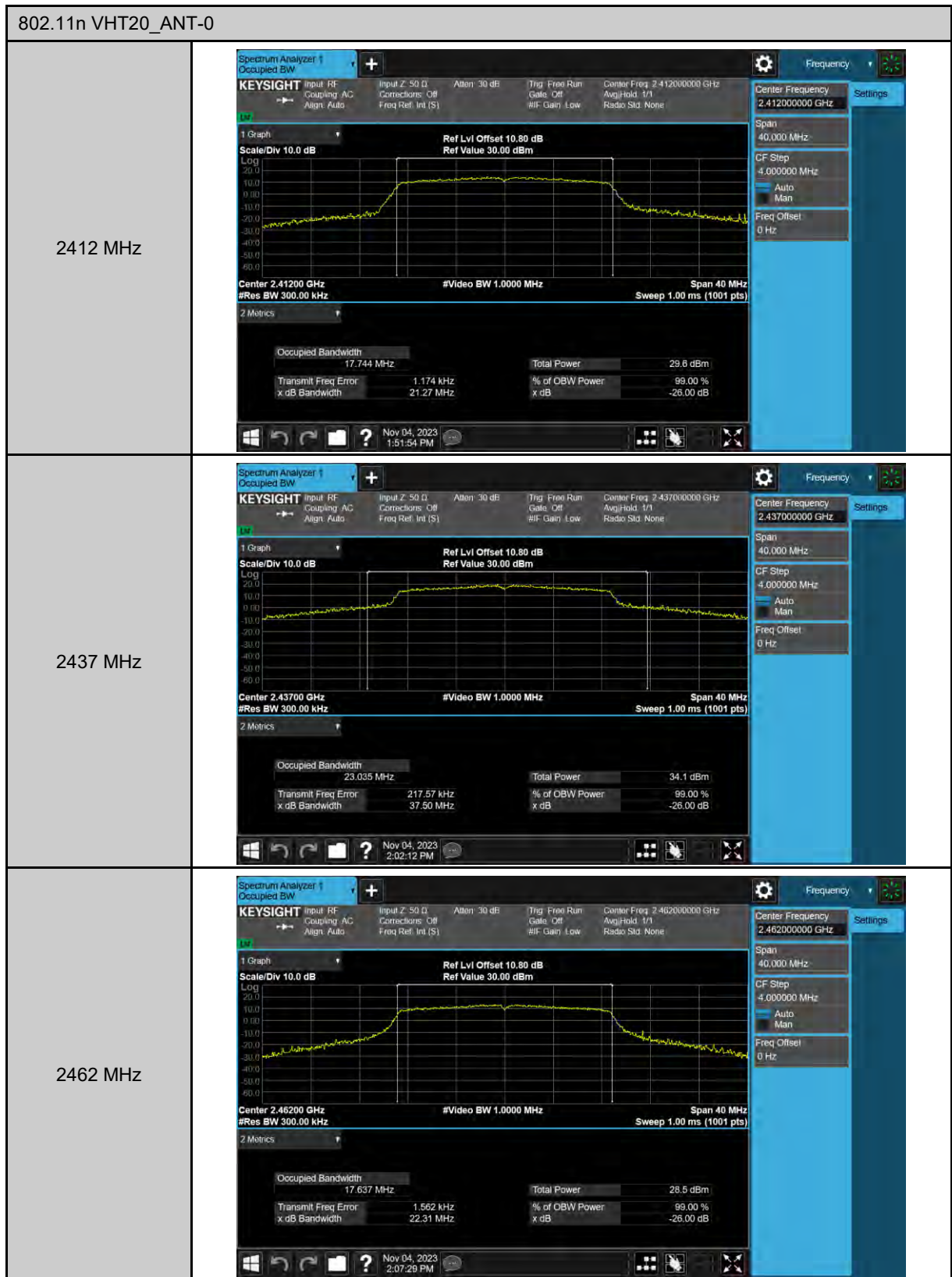
2452 MHz



99% Occupied Bandwidth

802.11b_ANT-0	
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



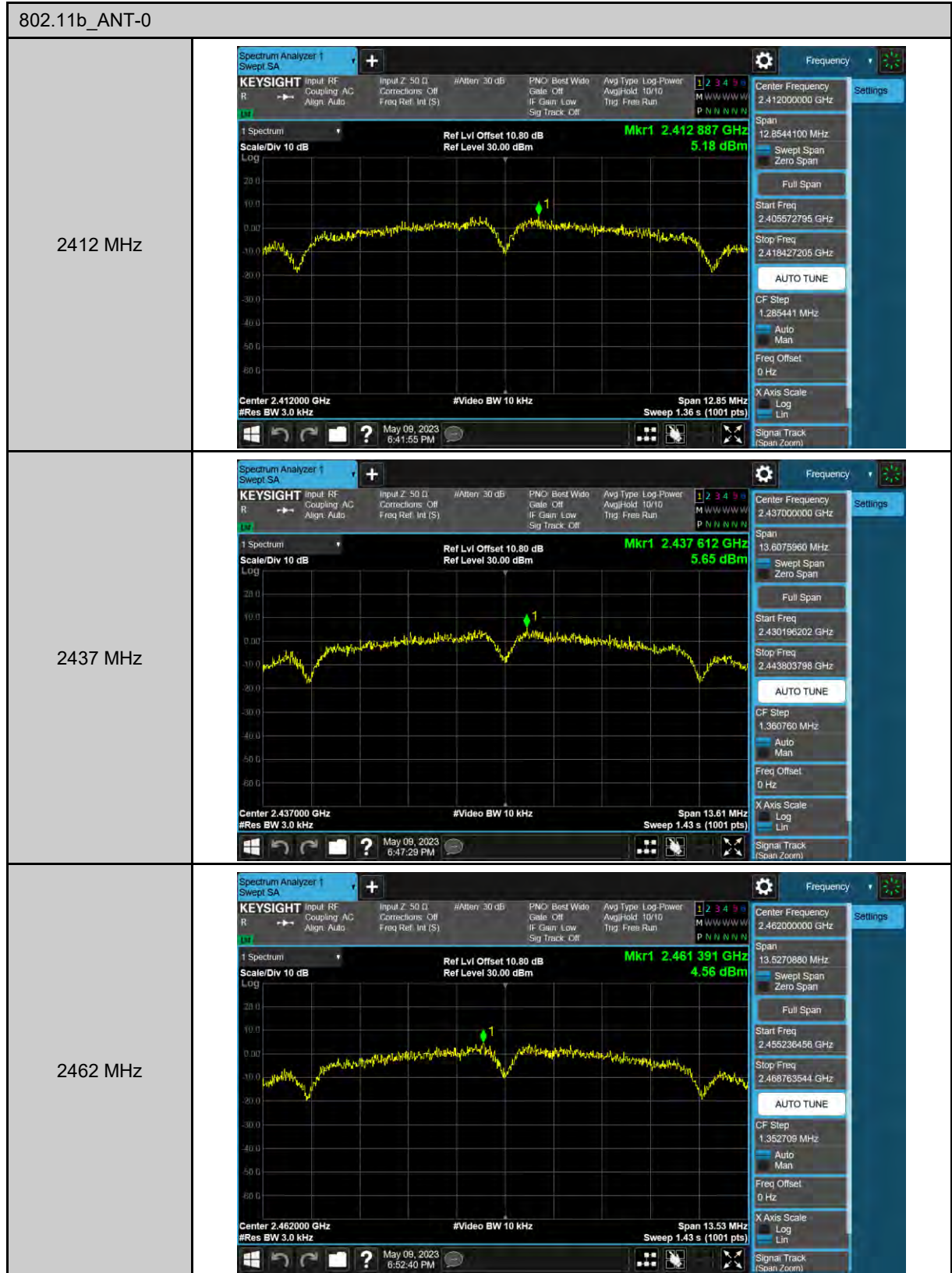
2437 MHz



2452 MHz

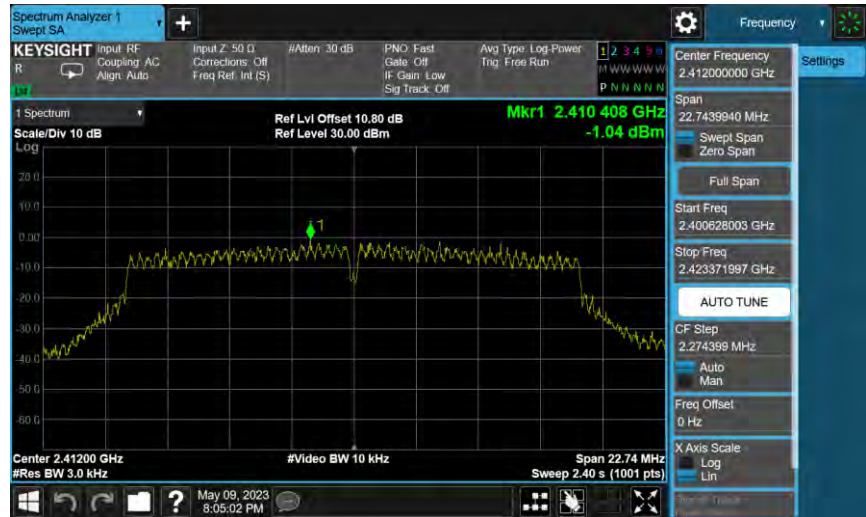


Maximum Power Spectral Density

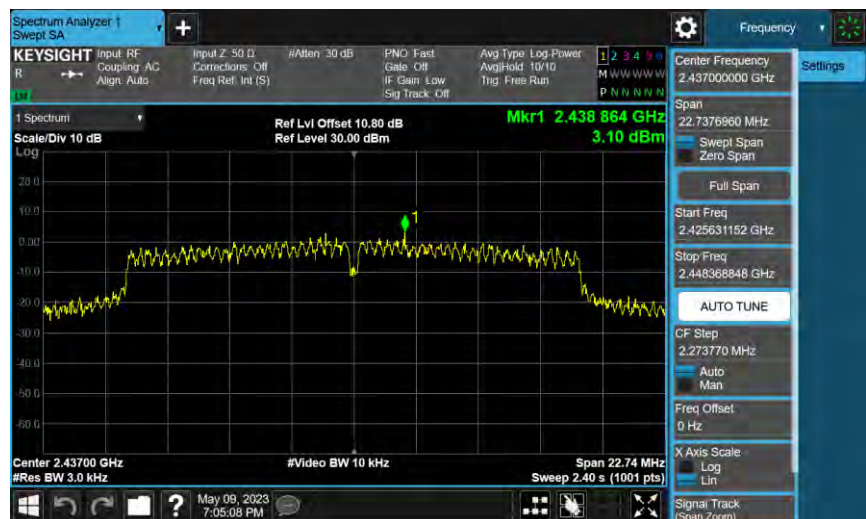


802.11g_ANT-0

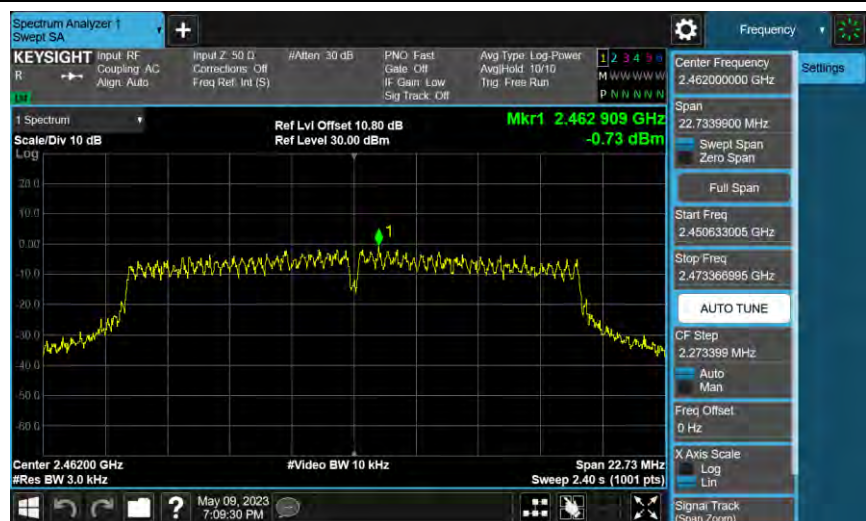
2412 MHz

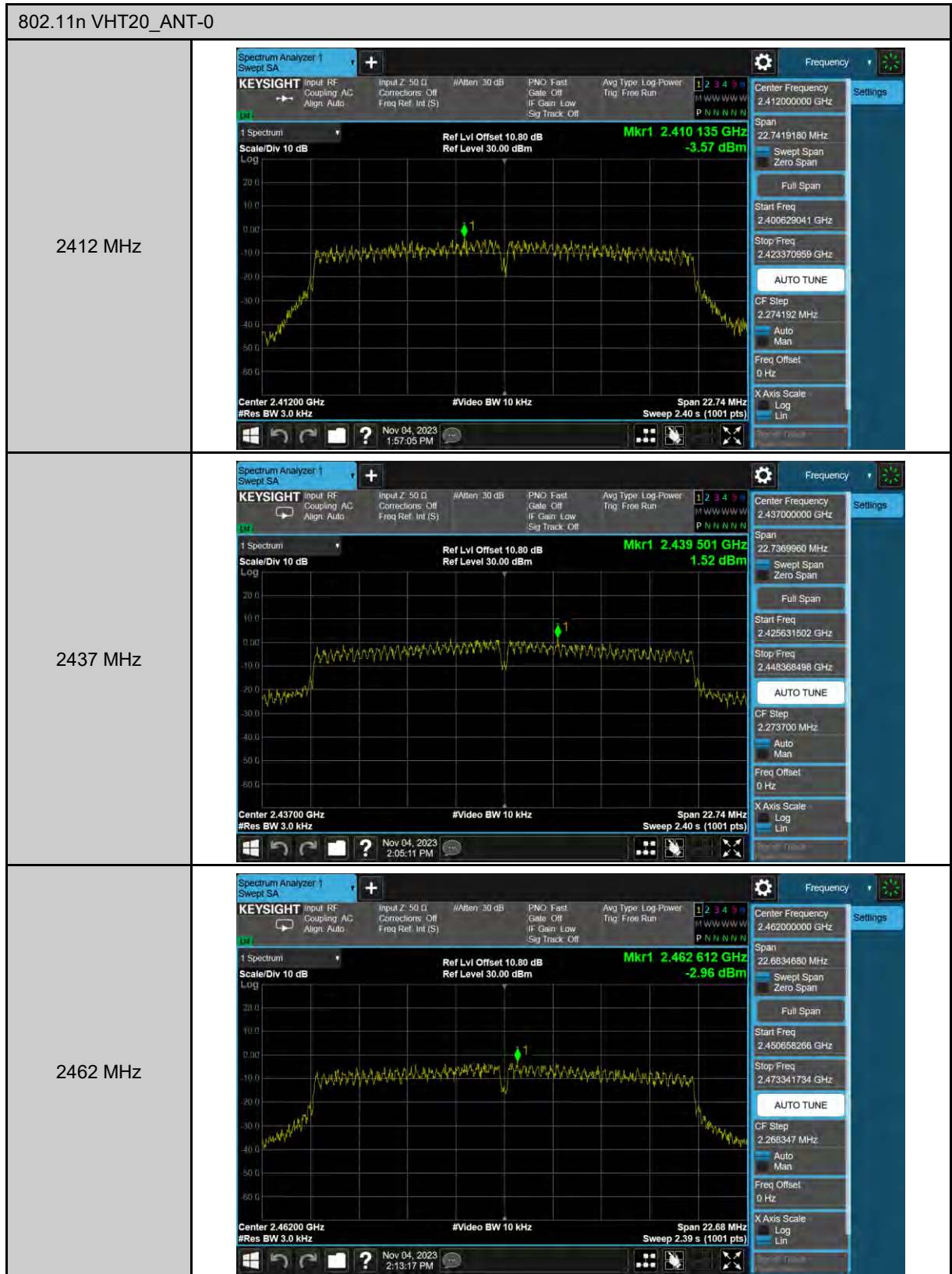


2437 MHz



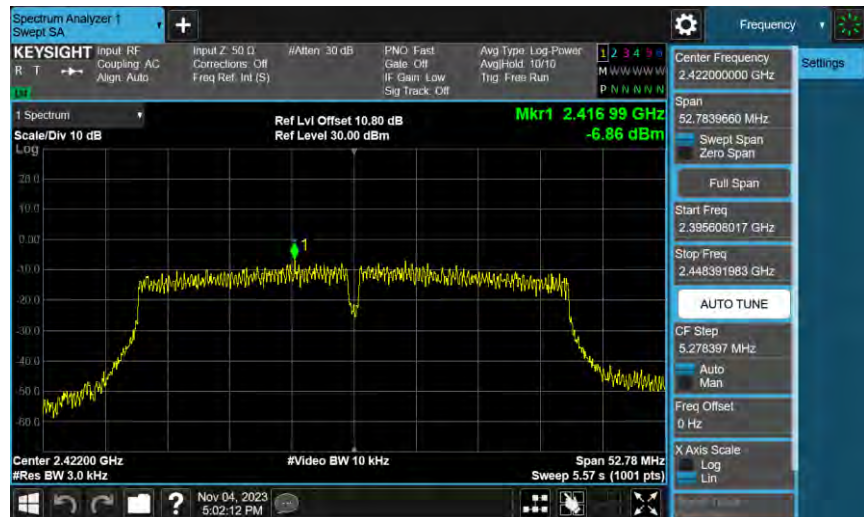
2462 MHz



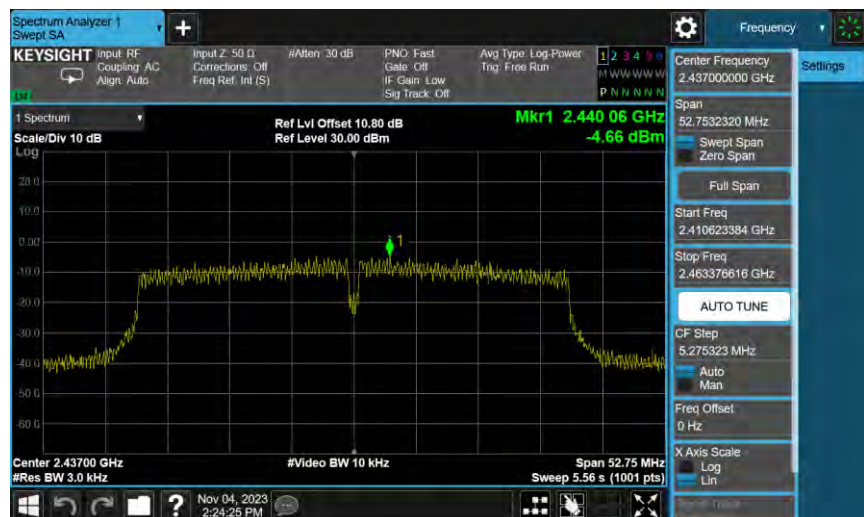


802.11n VHT40_ANT-0

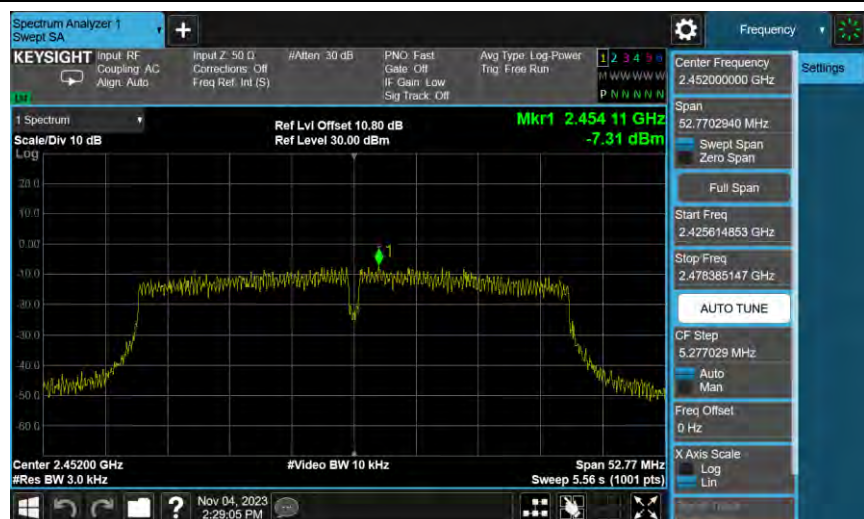
2422 MHz



2437 MHz



2452 MHz

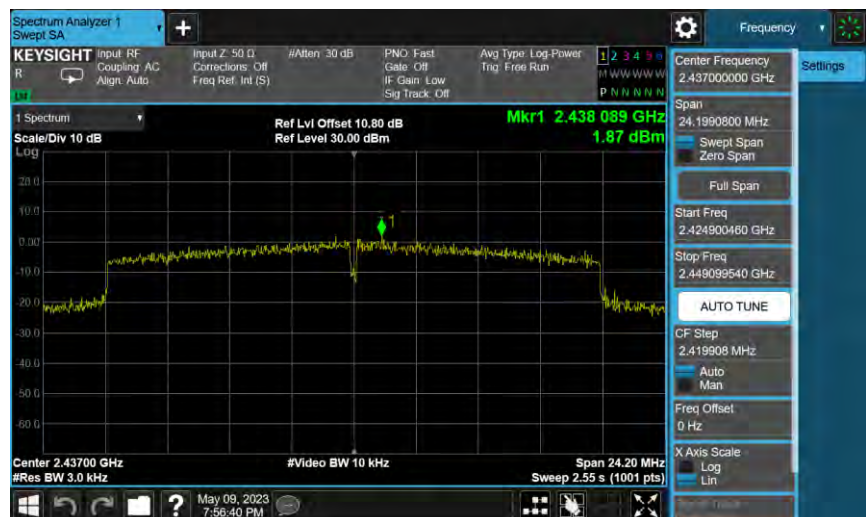


802.11ax HE20_ANT-0

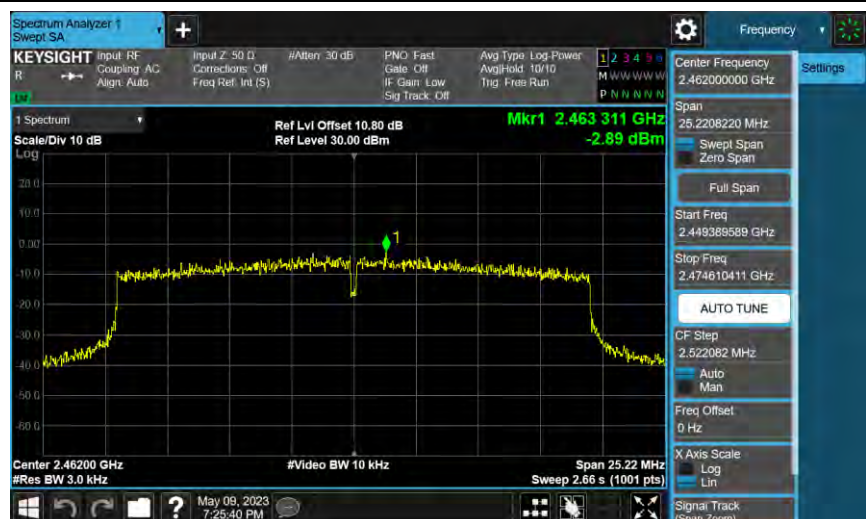
2412 MHz



2437 MHz



2462 MHz



802.11ax HE40_ANT-0

2422 MHz



2437 MHz



2452 MHz

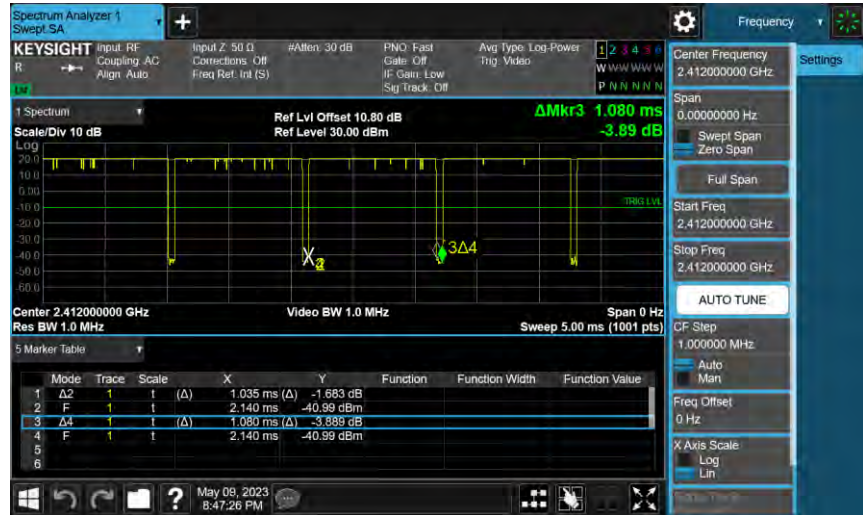


2X2

Duty cycle

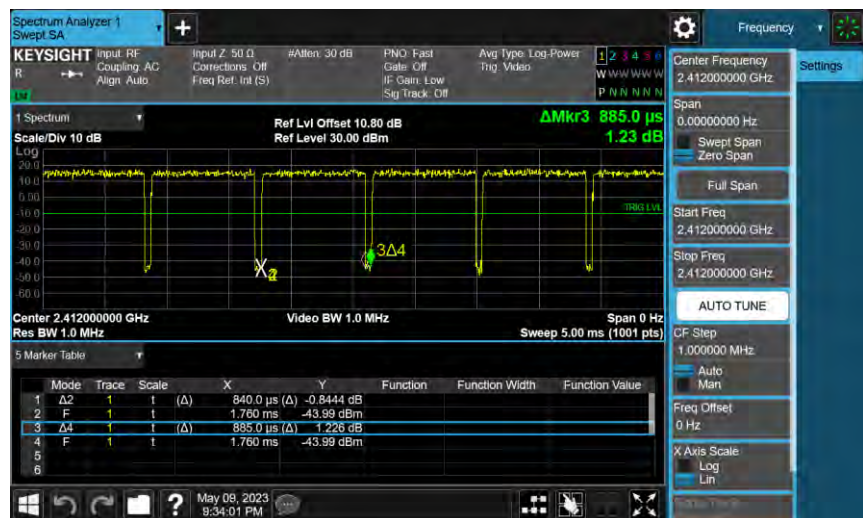
802.11b

On+off time



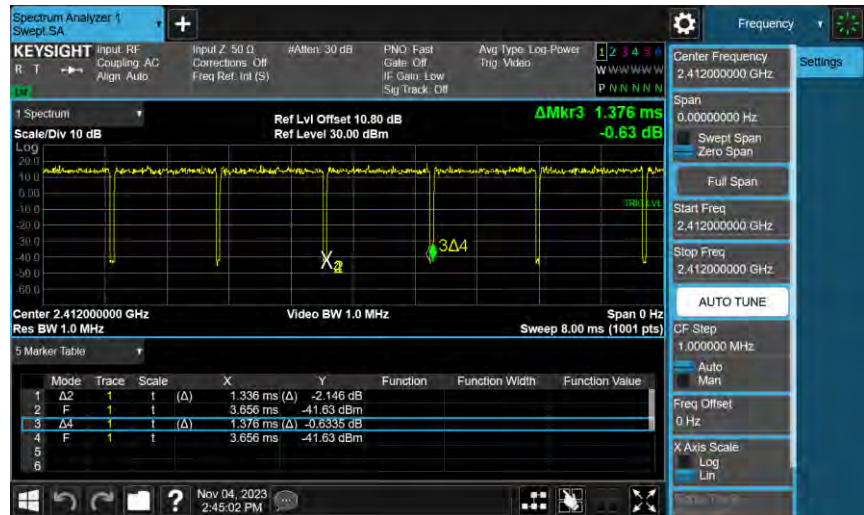
802.11g

On+off time



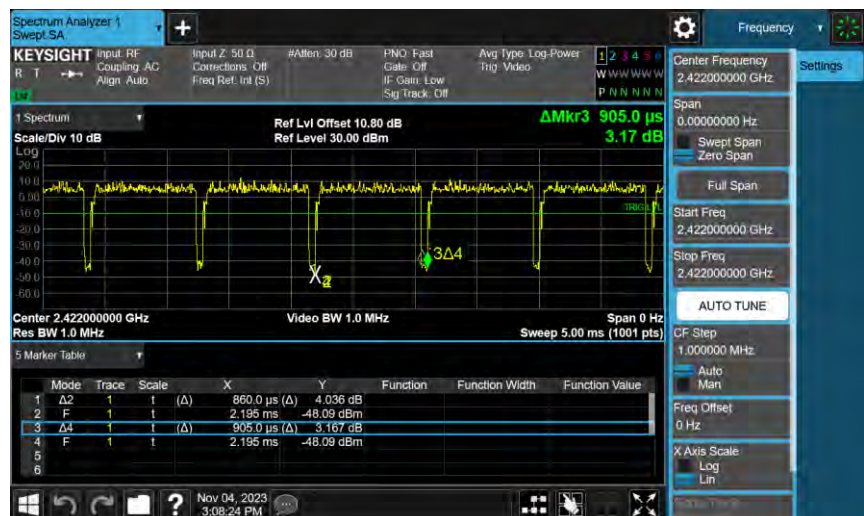
802.11n VHT20

On+off time



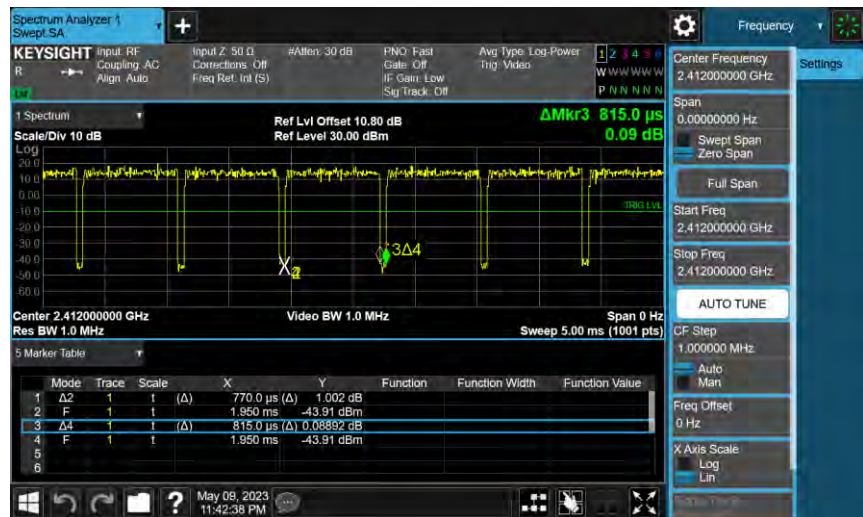
802.11n VHT40

On+off time



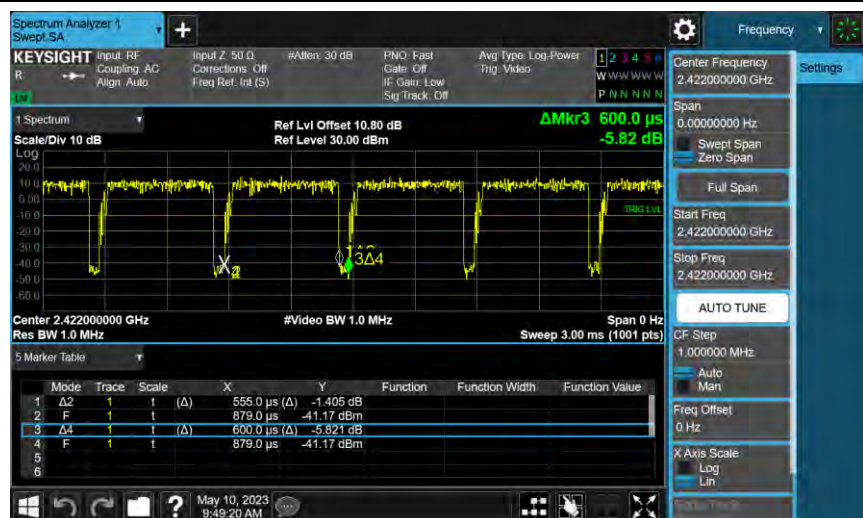
802.11ax HE20

On+off time

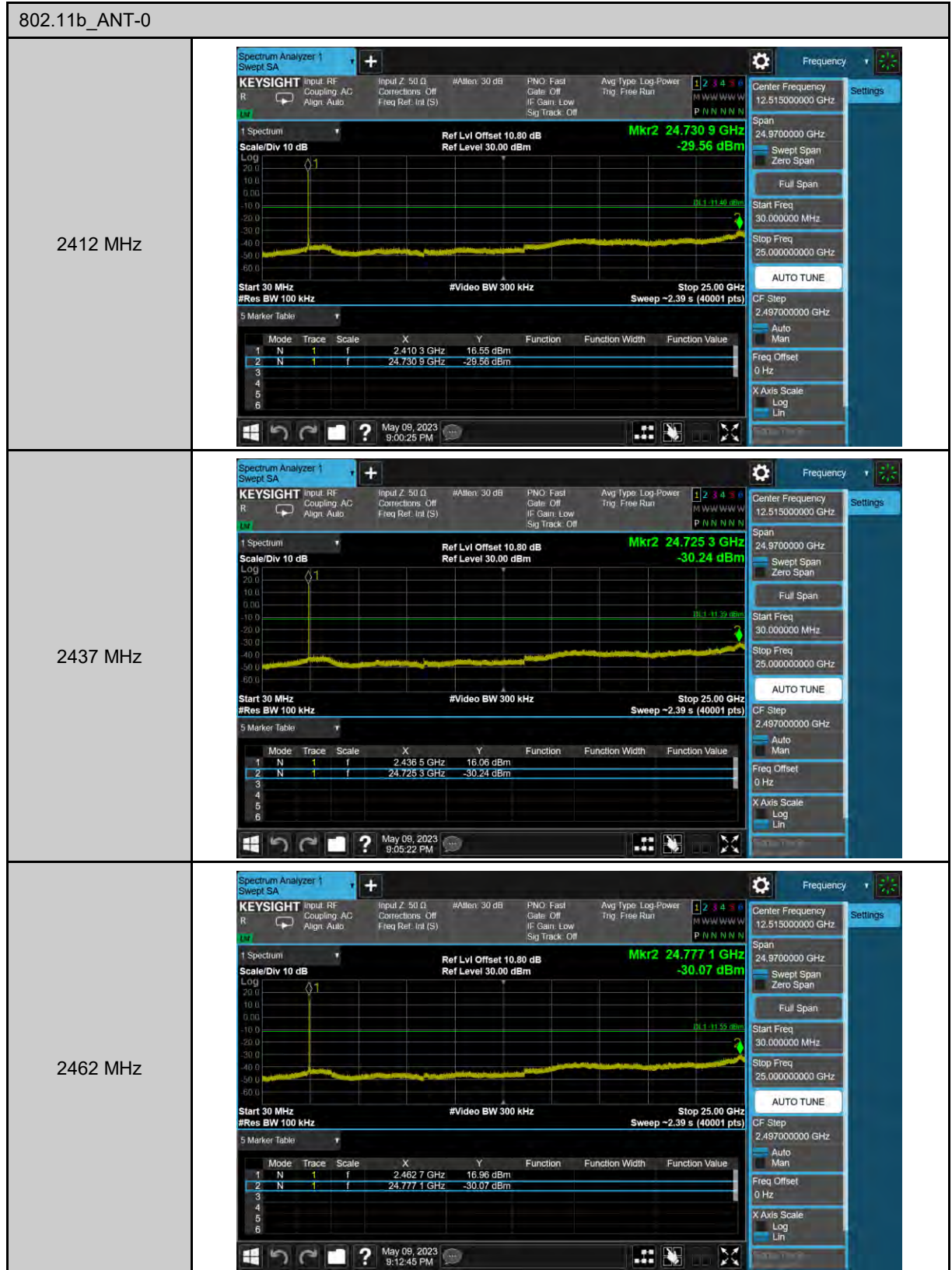


802.11ax HE40

On+off time



Out of Band Conducted Spurious Emission



802.11g_ANT-0

2412 MHz



2437 MHz



2462 MHz



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



802.11b_ANT-1

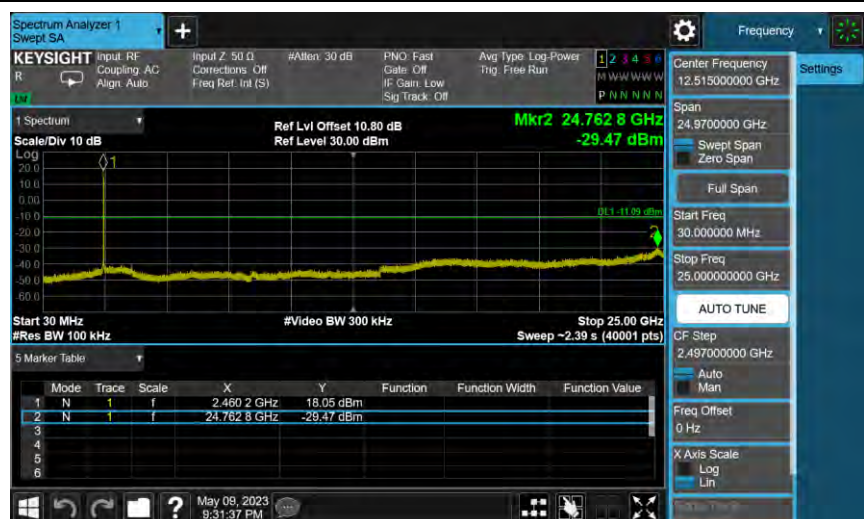
2412 MHz



2437 MHz



2462 MHz



802.11g_ANT-1

2412 MHz



2437 MHz



2462 MHz

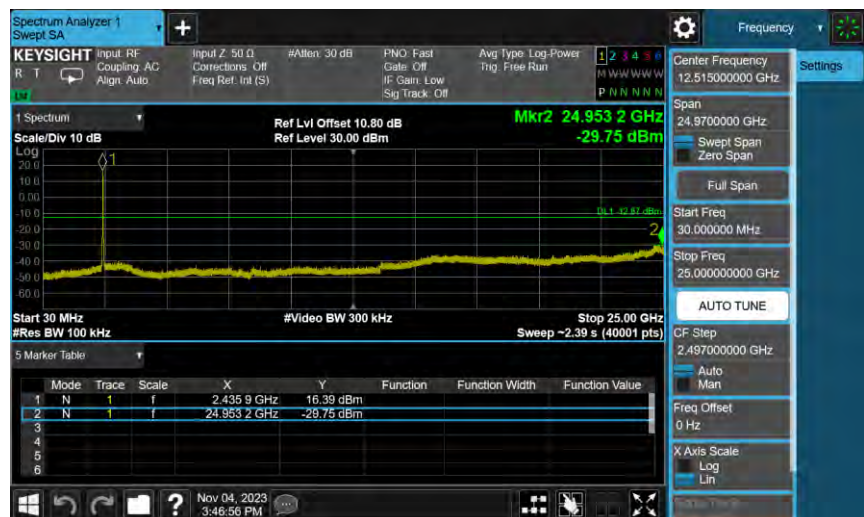


802.11n VHT20_ANT-1

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

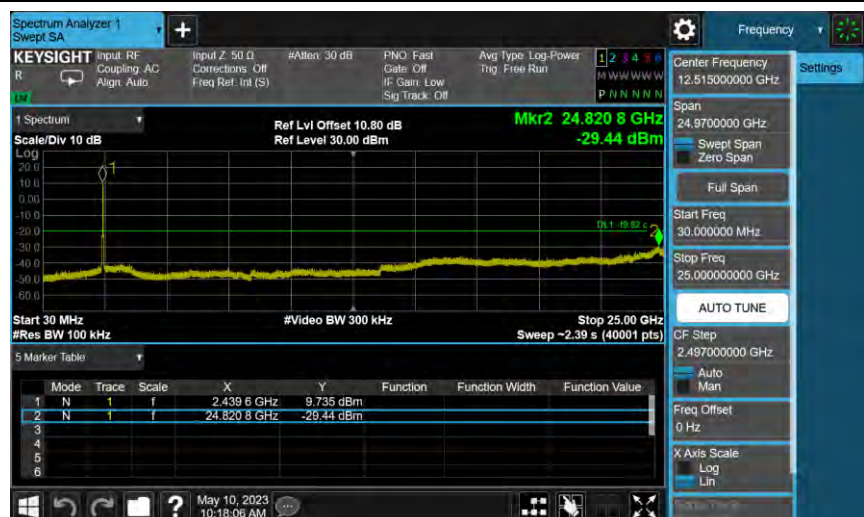


802.11ax HE40_ANT-1

2422 MHz



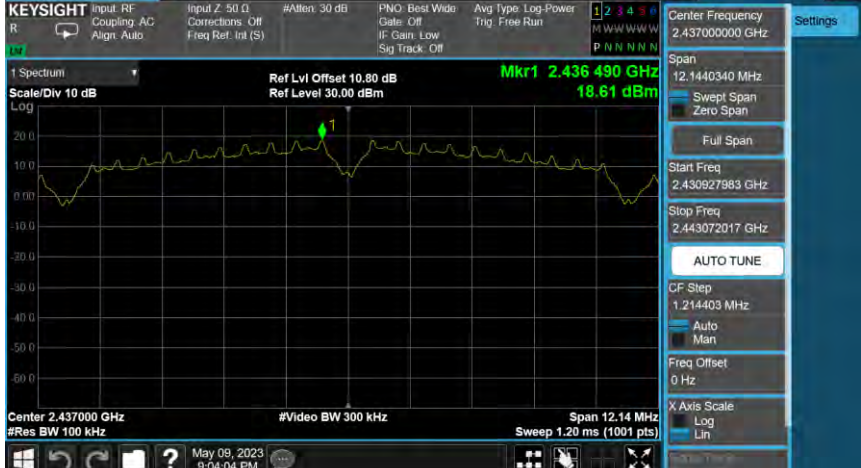
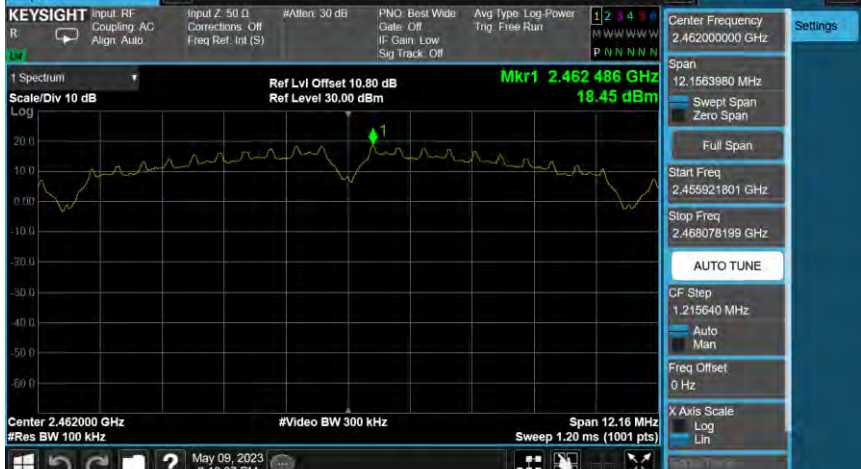
2437 MHz



2452 MHz



Reference level

802.11b_ANT-0	
2437 MHz	
2462 MHz	

802.11g_ANT-0

2412 MHz



2437 MHz



2462 MHz



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

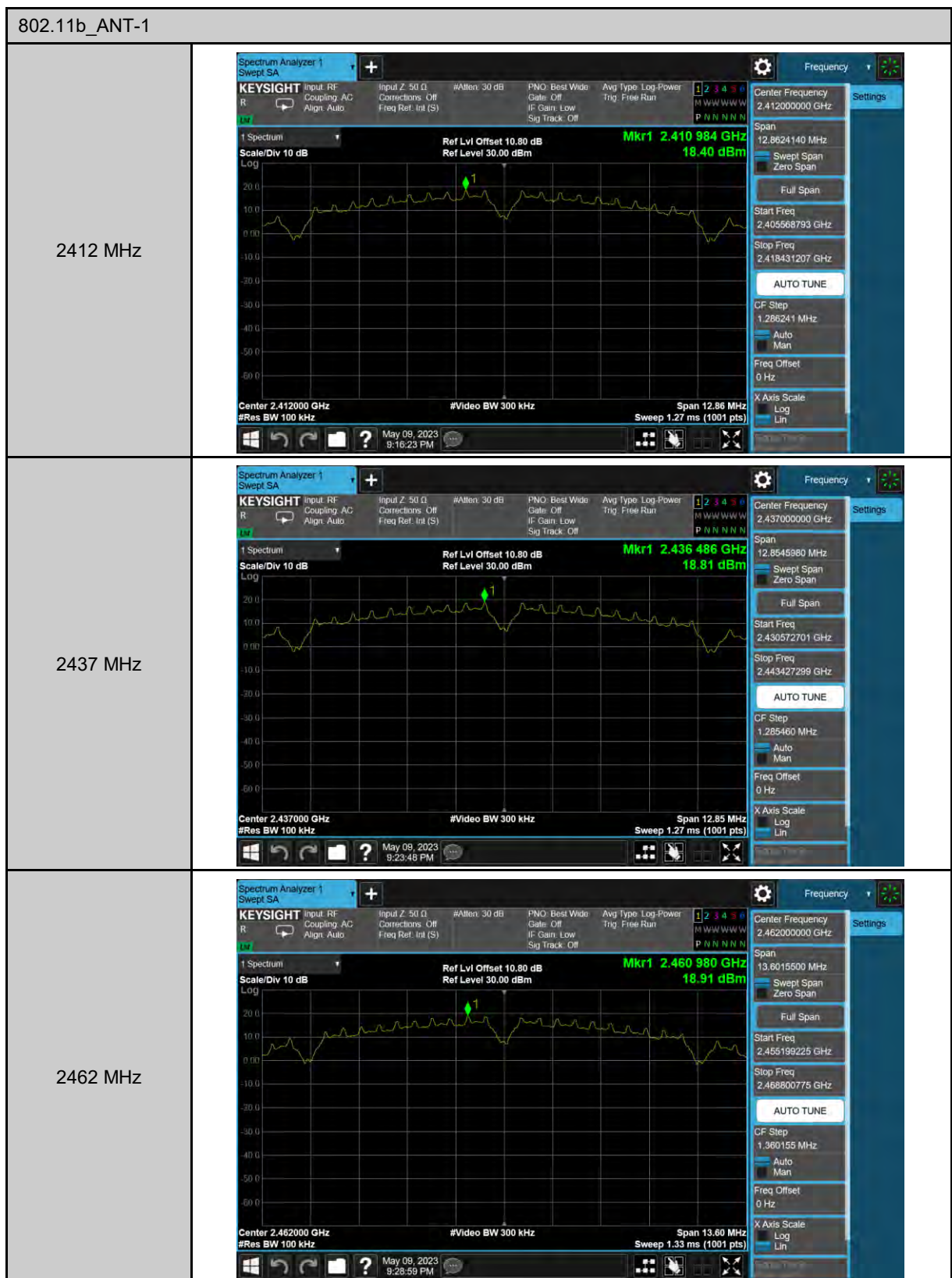


2437 MHz



2452 MHz





802.11g_ANT-1

2412 MHz



2437 MHz



2462 MHz



802.11n VHT20_ANT-1

2412 MHz



2437 MHz



2462 MHz



802.11n VHT40_ANT-1

2422 MHz



2437 MHz



2452 MHz

