

Appendix B. Test Plots

Duty cycle

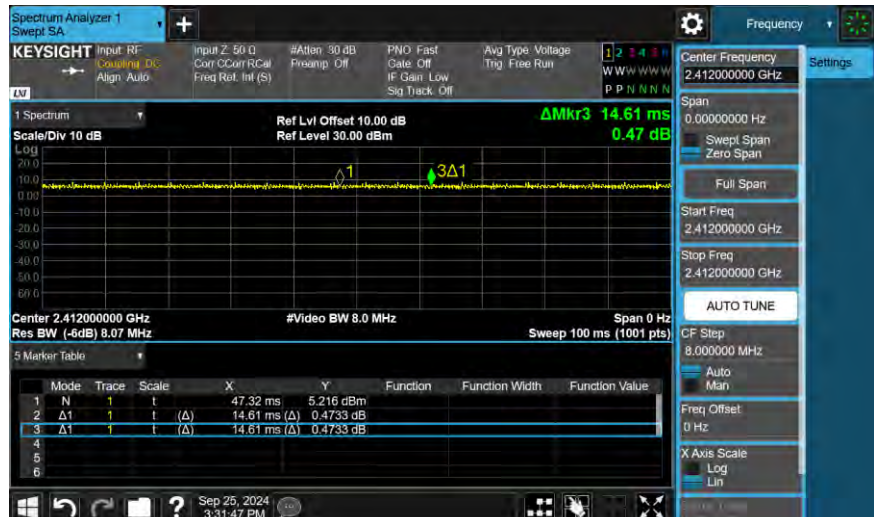
802.11b

On+off time



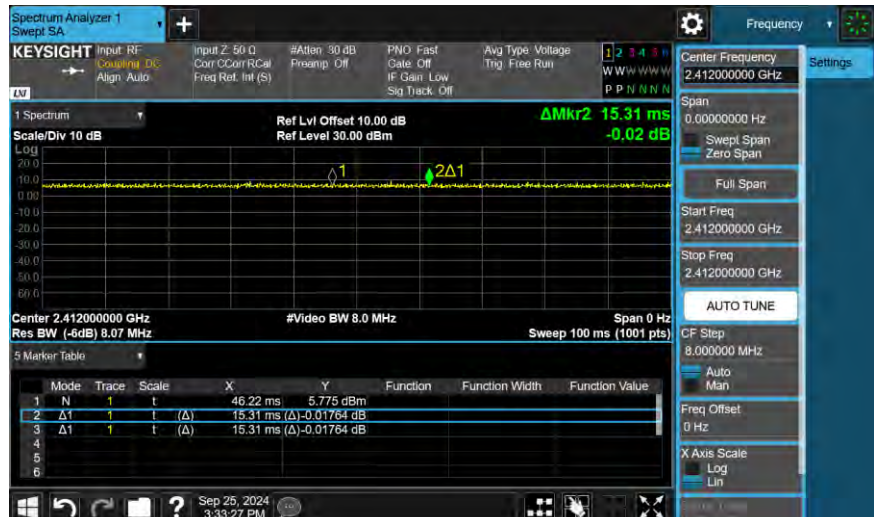
802.11g

On+off time



802.11n HT20

On+off time



802.11n HT40

On+off time



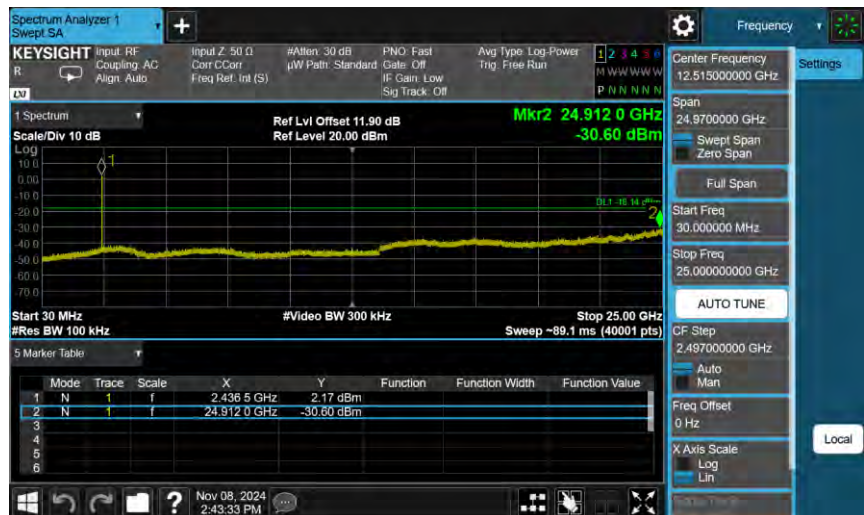
Out of Band Conducted Spurious Emission

802.11b_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11g_ANT-0

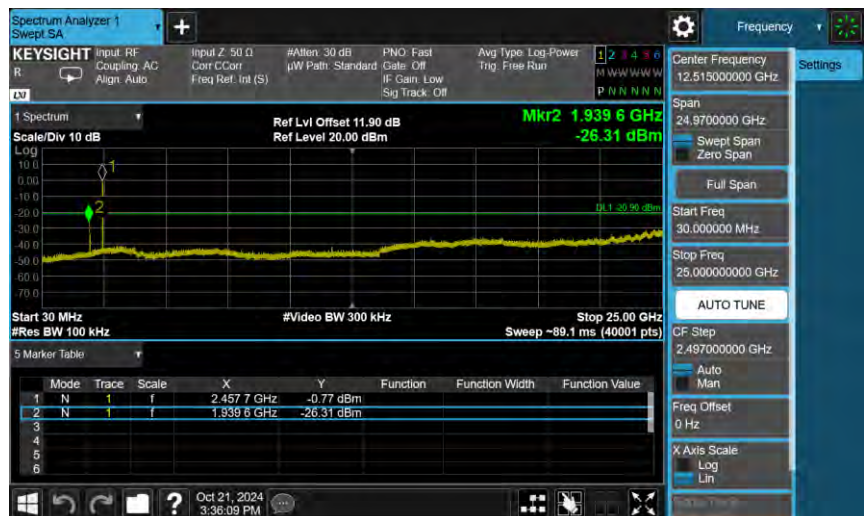
2412 MHz



2437 MHz



2462 MHz



802.11n HT20_ANT-0

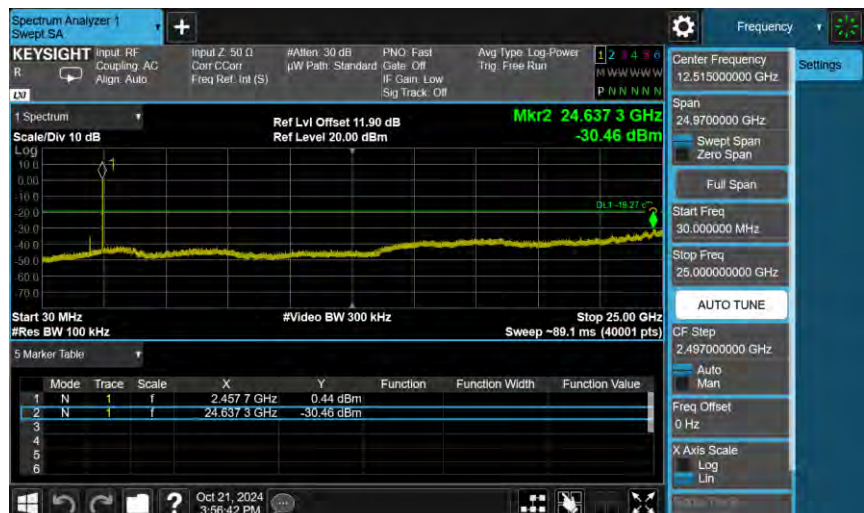
2412 MHz



2437 MHz



2462 MHz



802.11n HT40_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 HT20_ANT-1

2412 MHz



2437 MHz



2462 MHz



802.11n HT40_ANT-1

2422 MHz



2437 MHz



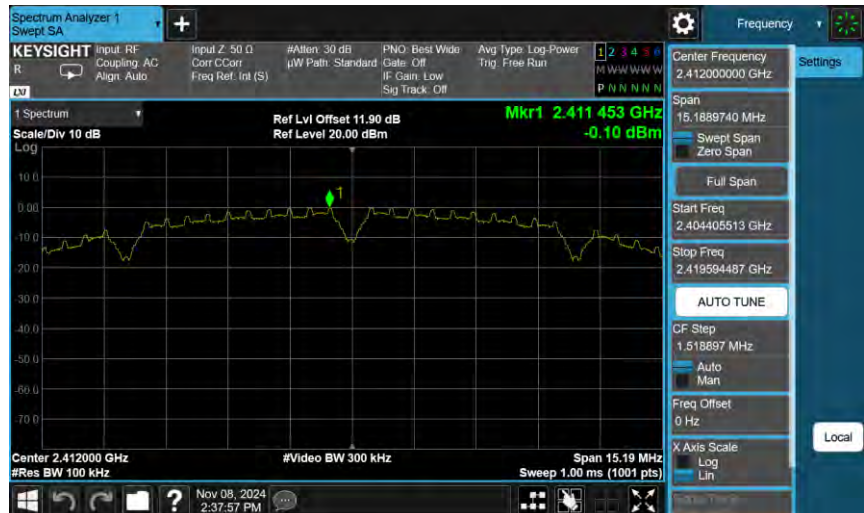
2452 MHz



Reference level

802.11b_ANT-0

2412 MHz



2437 MHz



2462 MHz

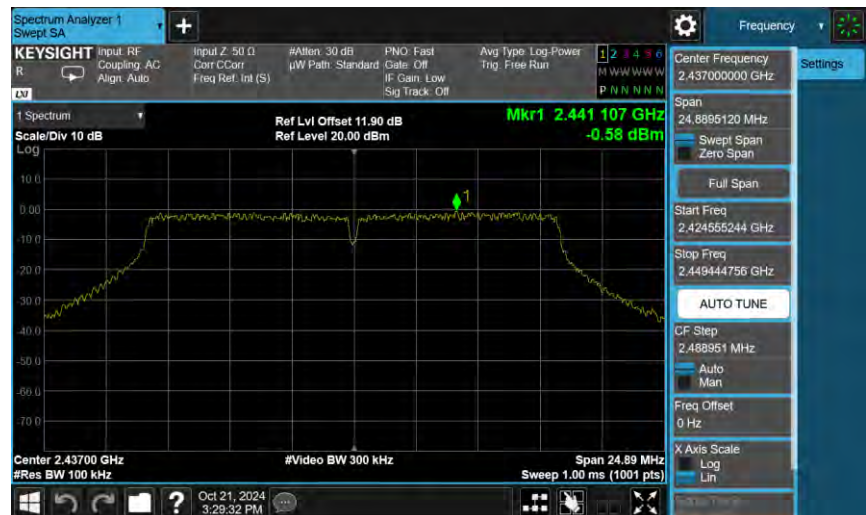


802.11g_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11n HT20_ANT-0

2412 MHz



2437 MHz



2462 MHz

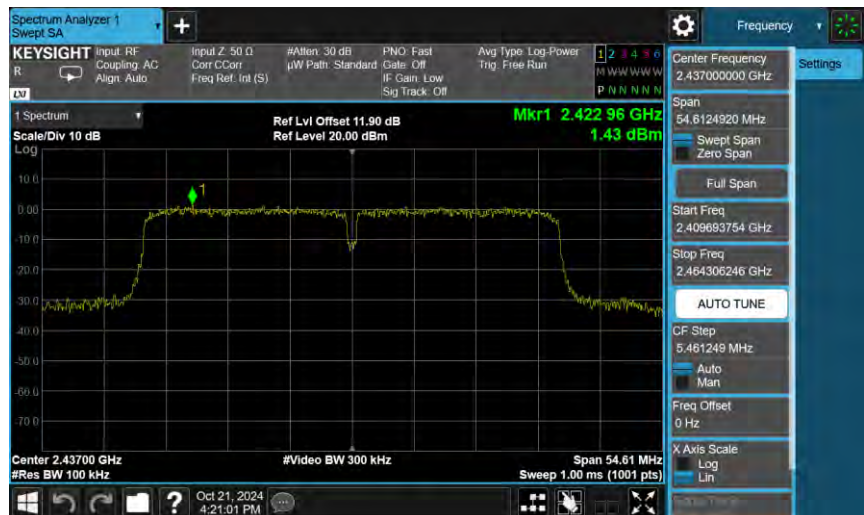


802.11n HT40_ANT-0

2422 MHz



2437 MHz

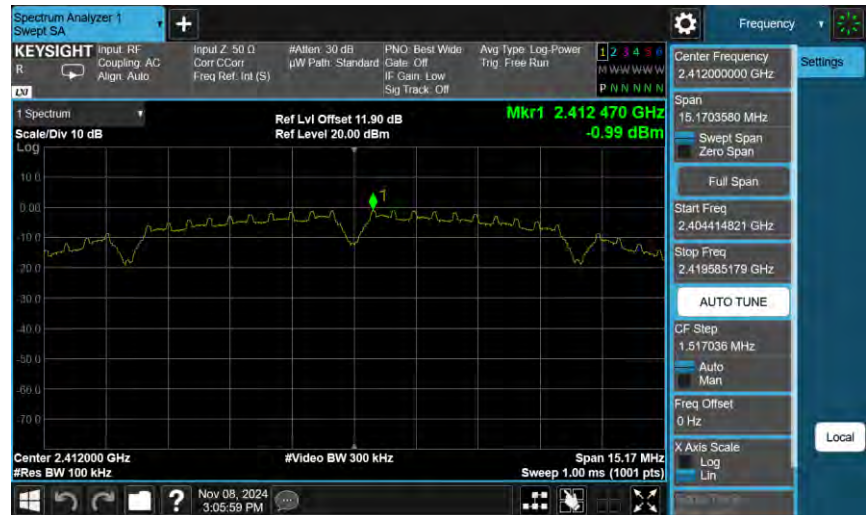


2452 MHz

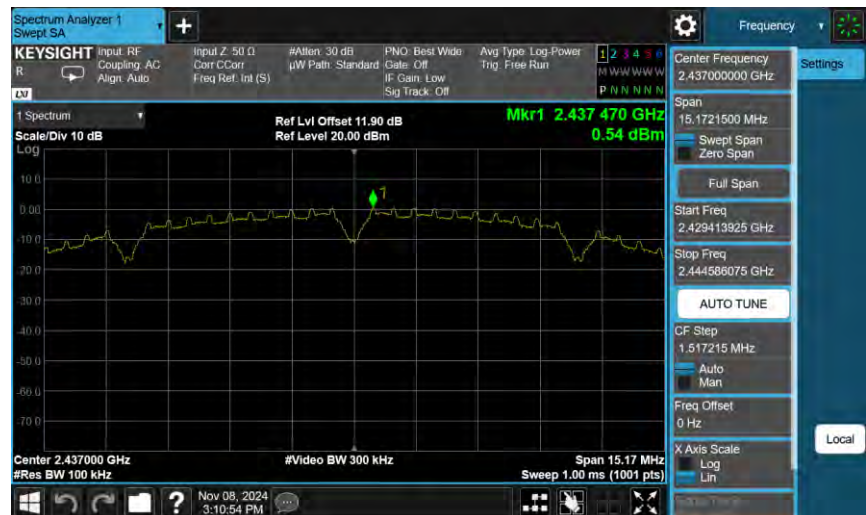


802.11b_ANT-1

2412 MHz



2437 MHz



2462 MHz



802.11g_ANT-1

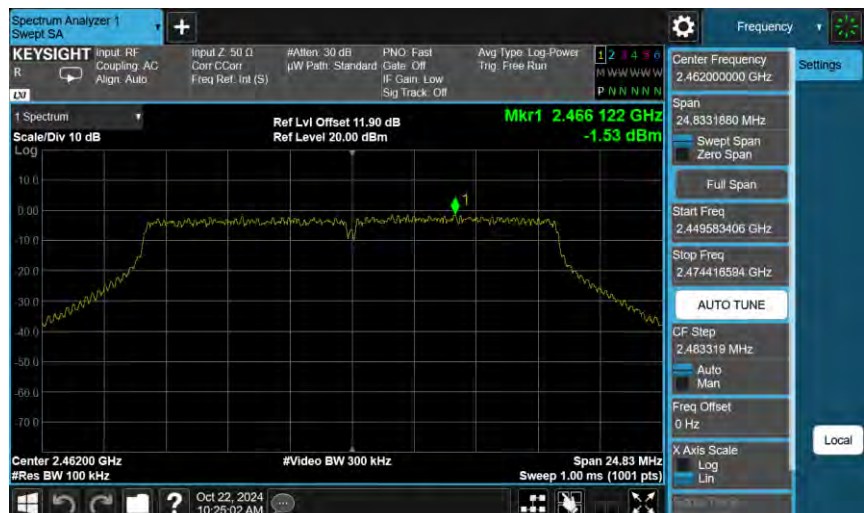
2412 MHz



2437 MHz

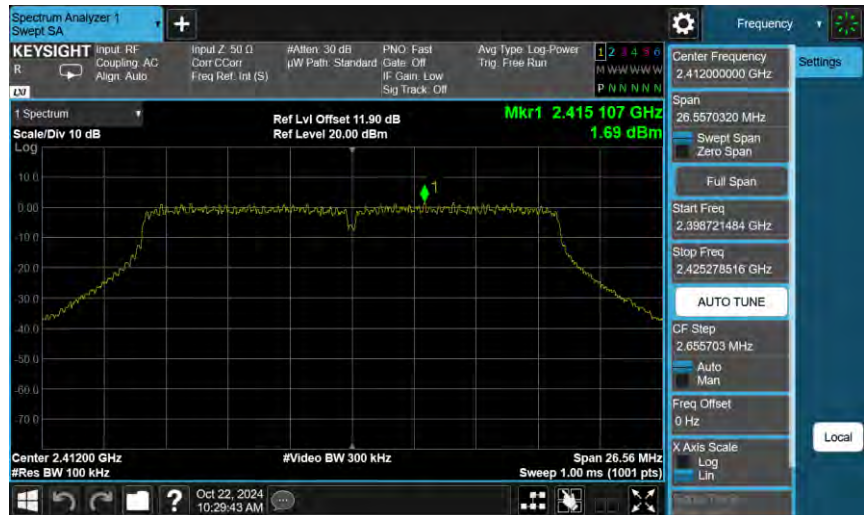


2462 MHz

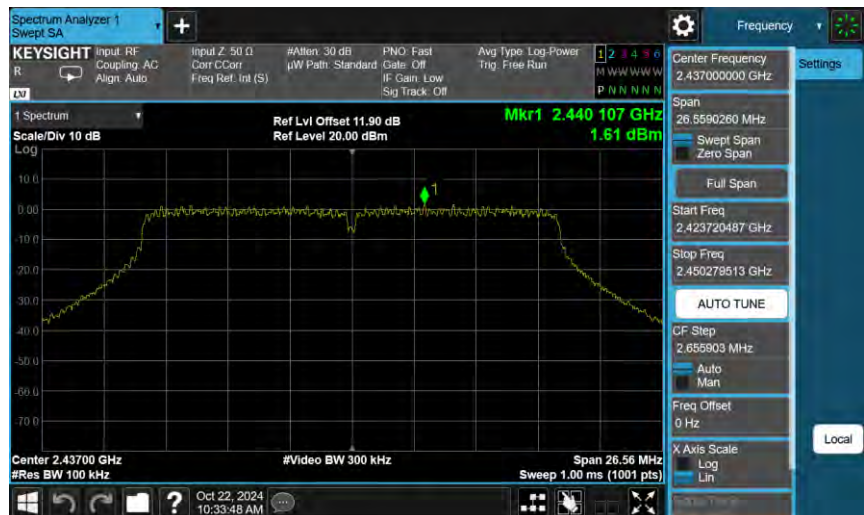


802.11n HT20_ANT-1

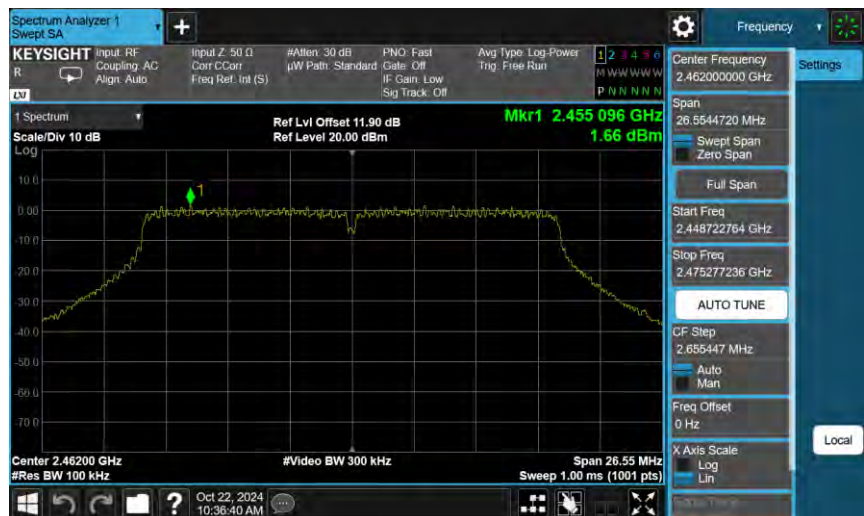
2412 MHz



2437 MHz



2462 MHz



802.11n HT40_ANT-1

2422 MHz



2437 MHz



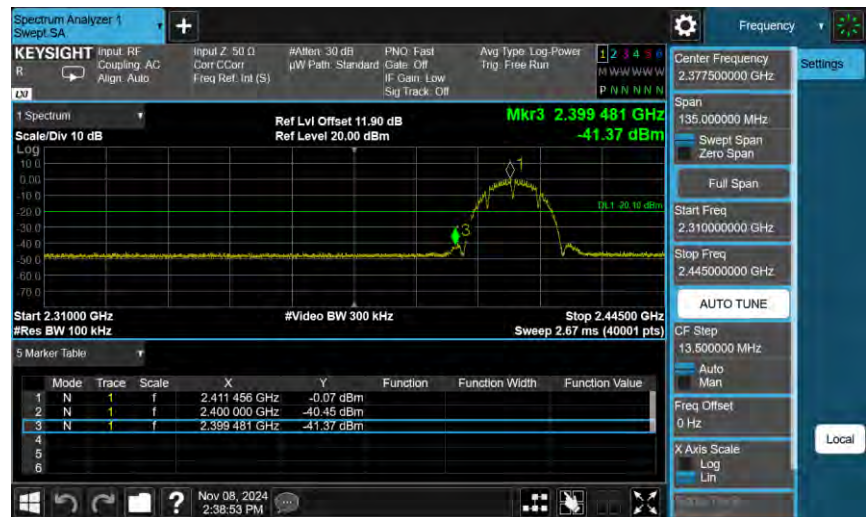
2452 MHz



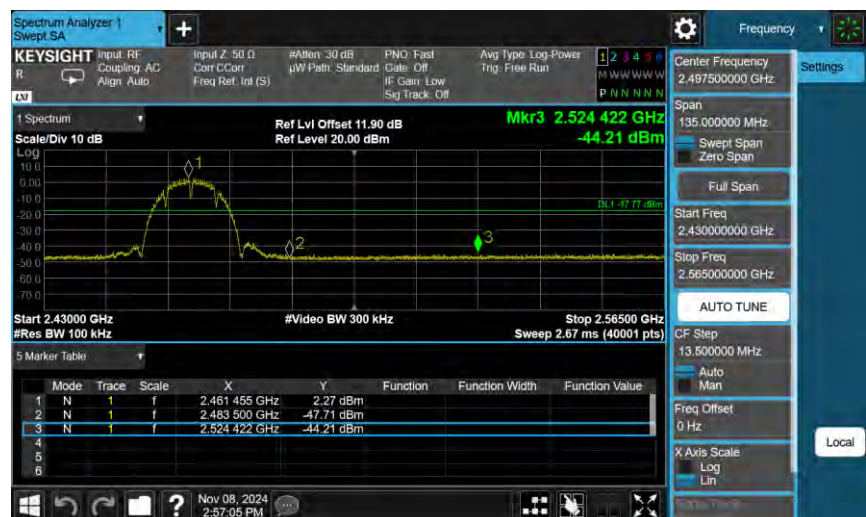
Conducted Band Edge

802.11b_ANT-0

2412 MHz



2462 MHz



802.11g_ANT-0

2412 MHz

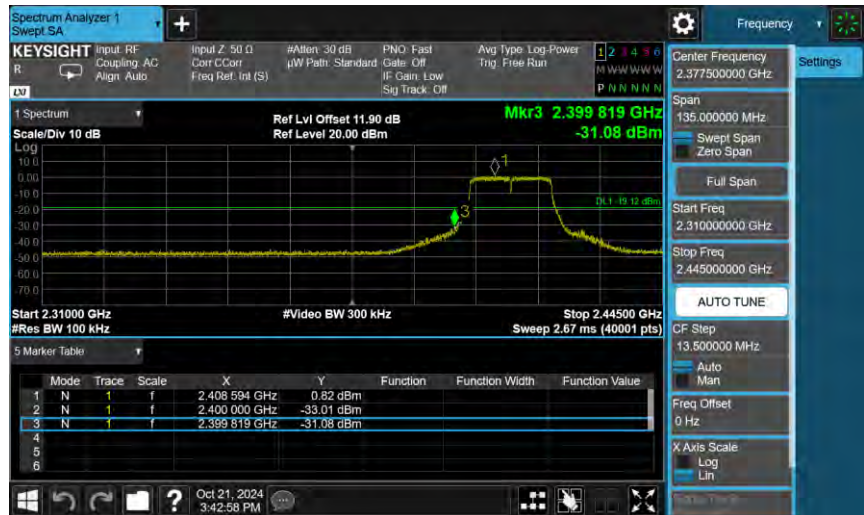


2462 MHz

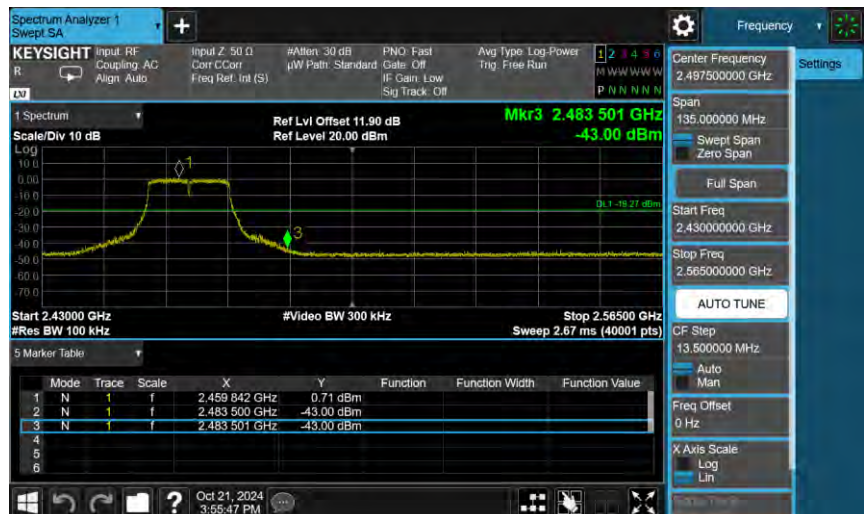


802.11n HT20_ANT-0

2412 MHz

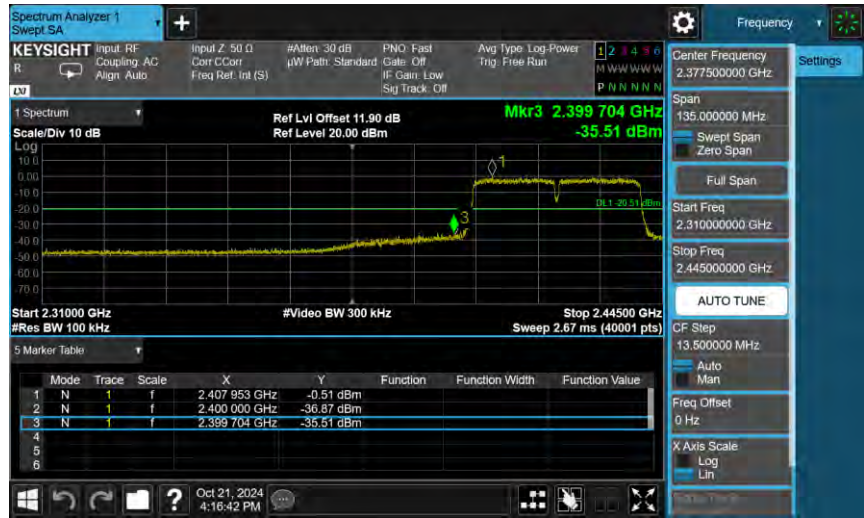


2462 MHz



802.11n HT40_ANT-0

2422 MHz

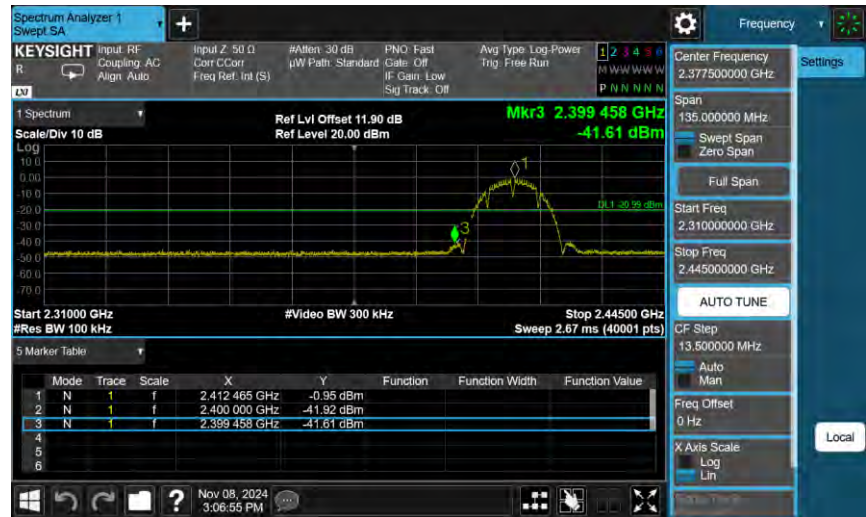


2452 MHz

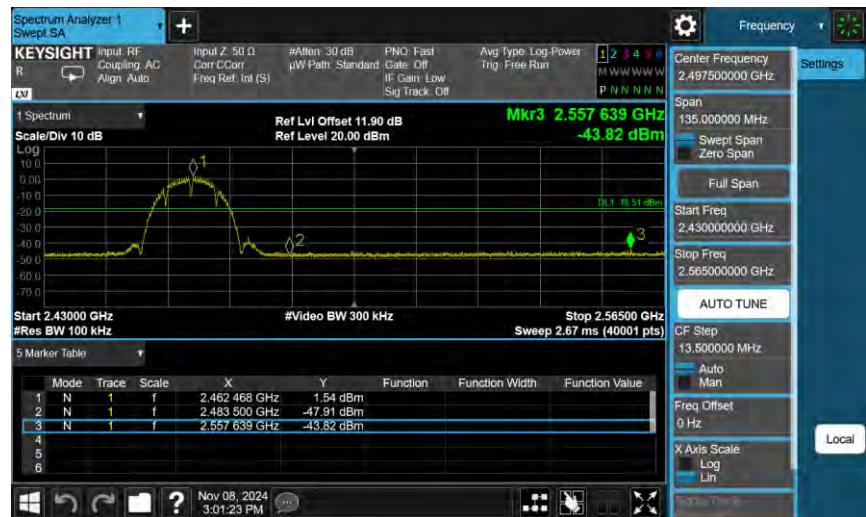


802.11b_ANT-1

2412 MHz

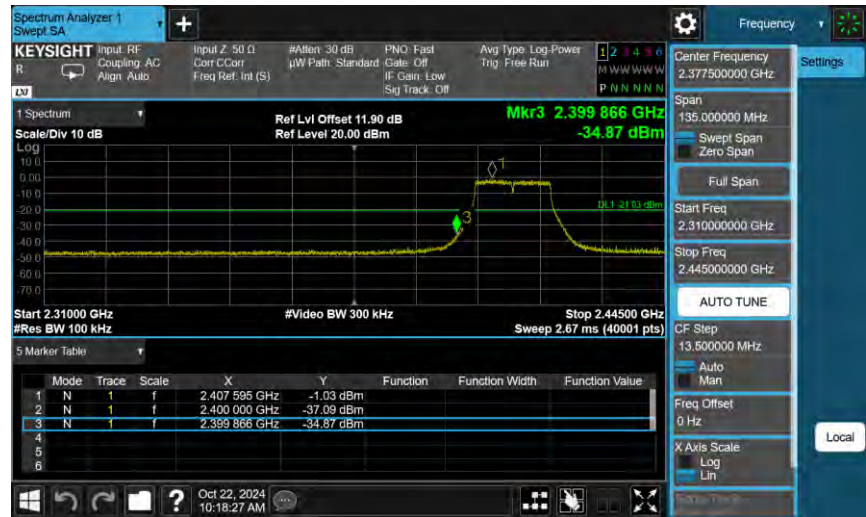


2462 MHz



802.11g_ANT-1

2412 MHz

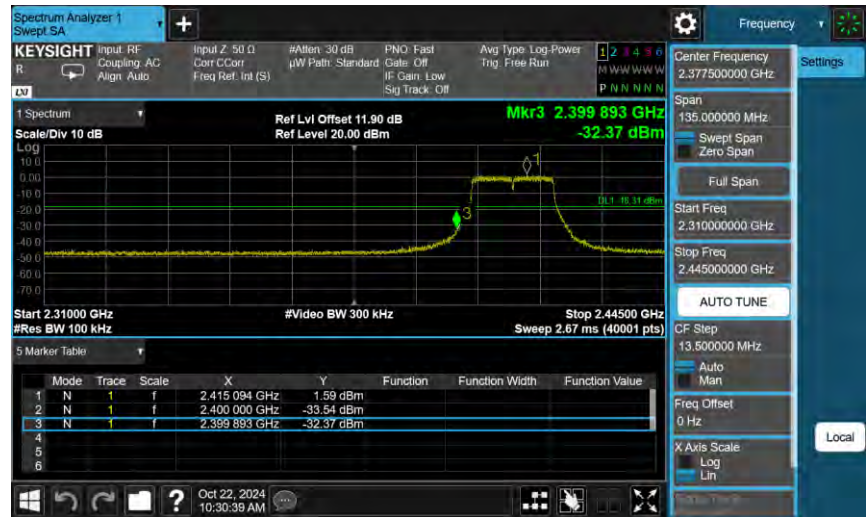


2462 MHz

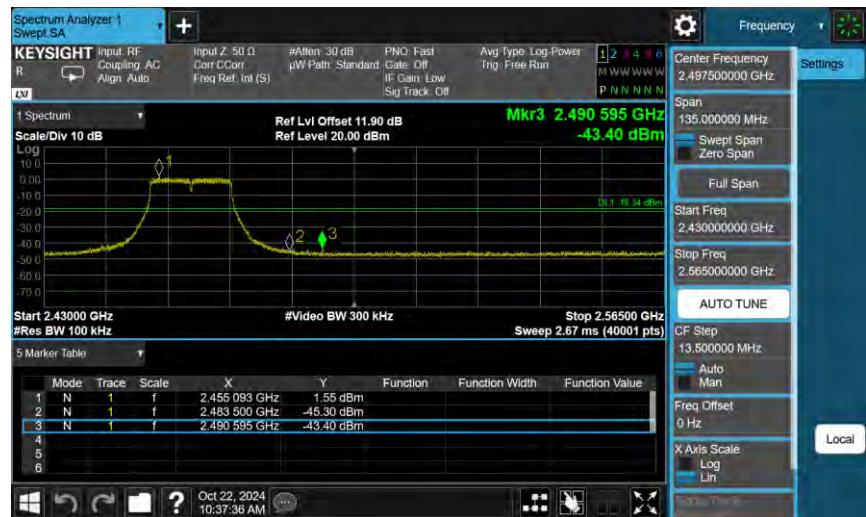


802.11n HT20_ANT-1

2412 MHz



2462 MHz



802.11n HT40_ANT-1

2422 MHz



2452 MHz



6 dB Bandwidth

802.11b_ANT-0

2412 MHz



2437 MHz



2462 MHz

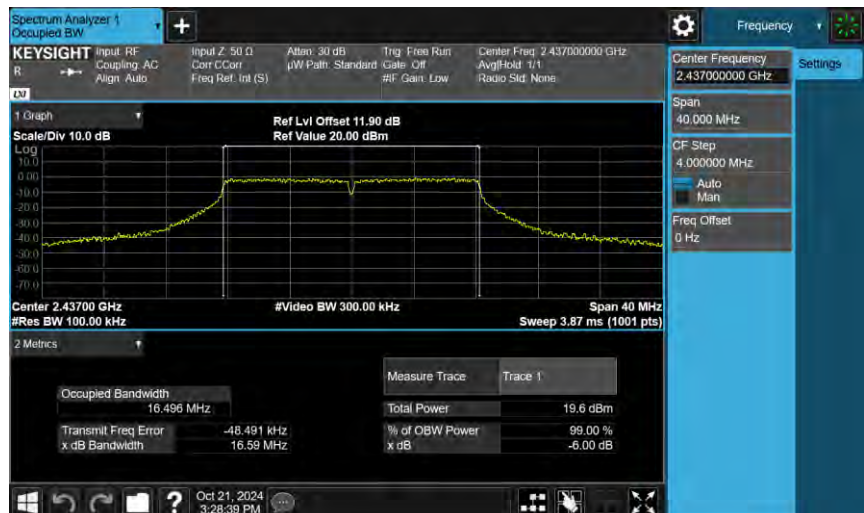


802.11g_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11n HT20_ANT-0

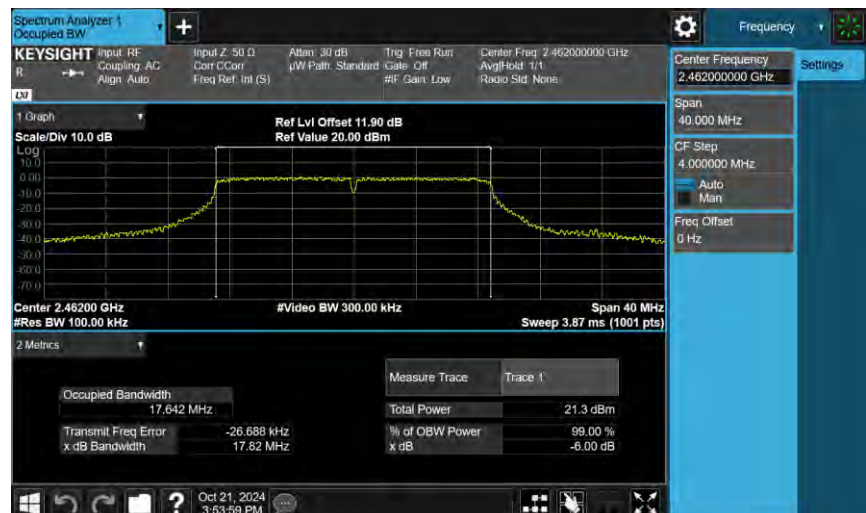
2412 MHz



2437 MHz



2462 MHz



802.11n HT40_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

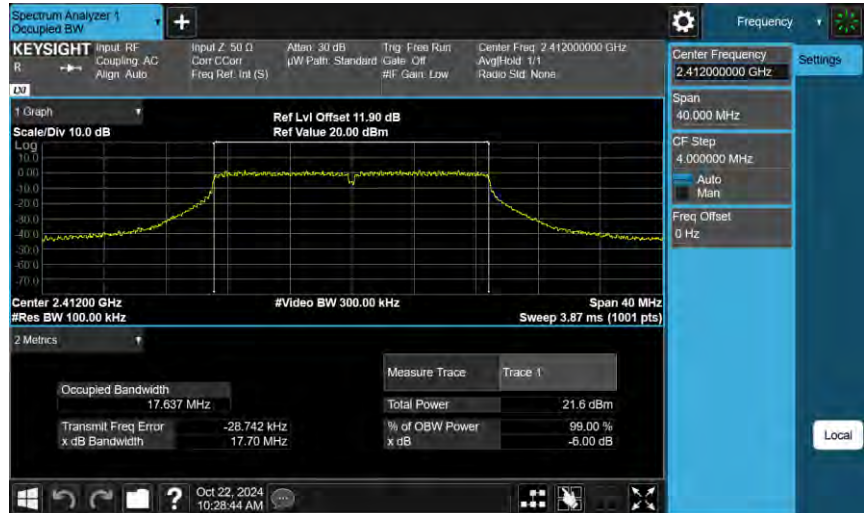


2462 MHz

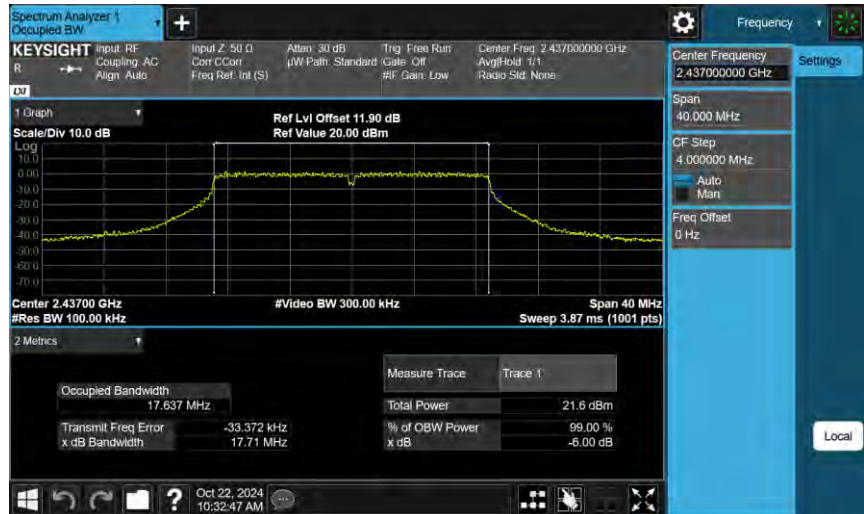


802.11n HT20_ANT-1

2412 MHz



2437 MHz

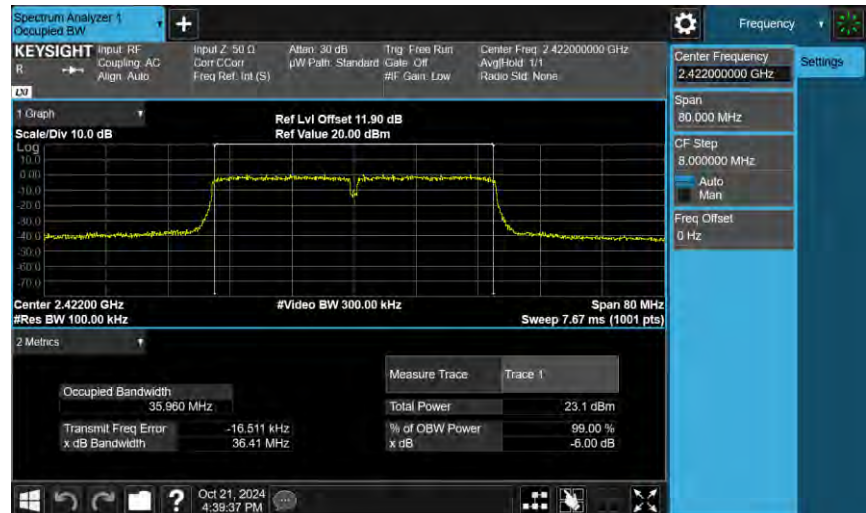


2462 MHz



802.11n HT40_ANT-1

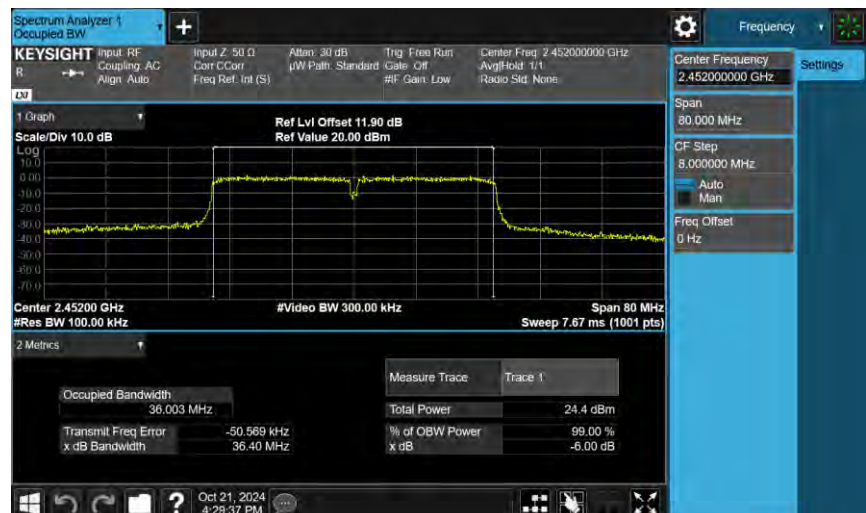
2422 MHz



2437 MHz



2452 MHz



99% Occupied Bandwidth

802.11b_ANT-0

2412 MHz



2437 MHz



2462 MHz

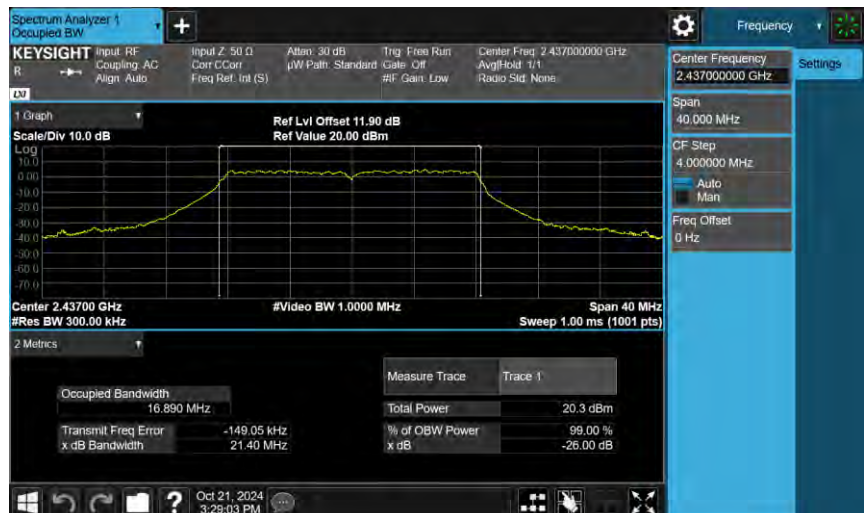


802.11g_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11n HT20_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11n HT40_ANT-0

2422 MHz



2437 MHz



2452 MHz



802.11b_ANT-1

2412 MHz



2437 MHz

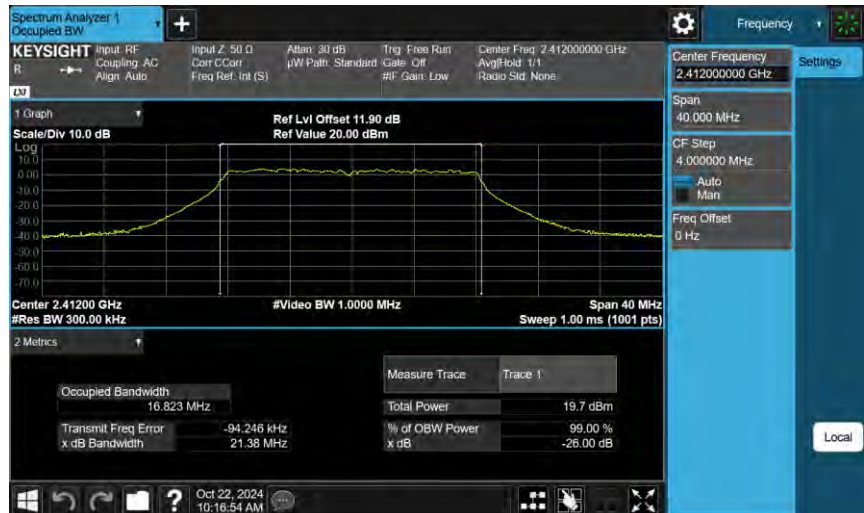


2462 MHz

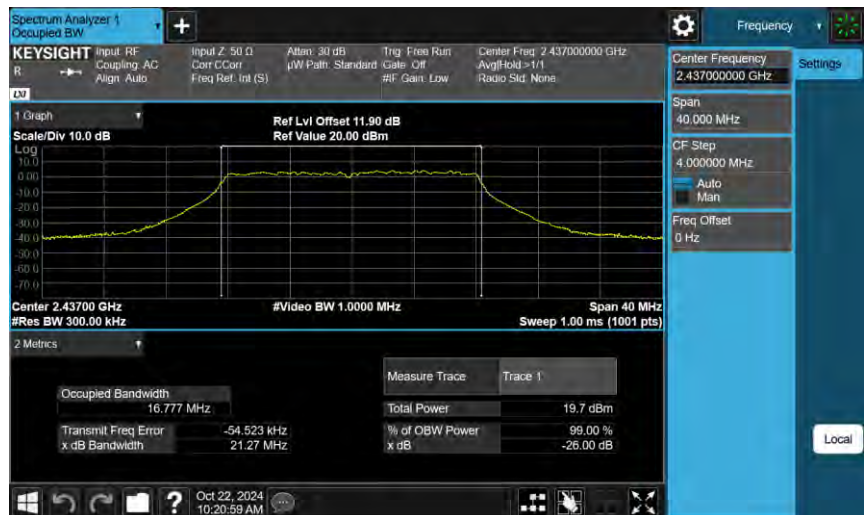


802.11g_ANT-1

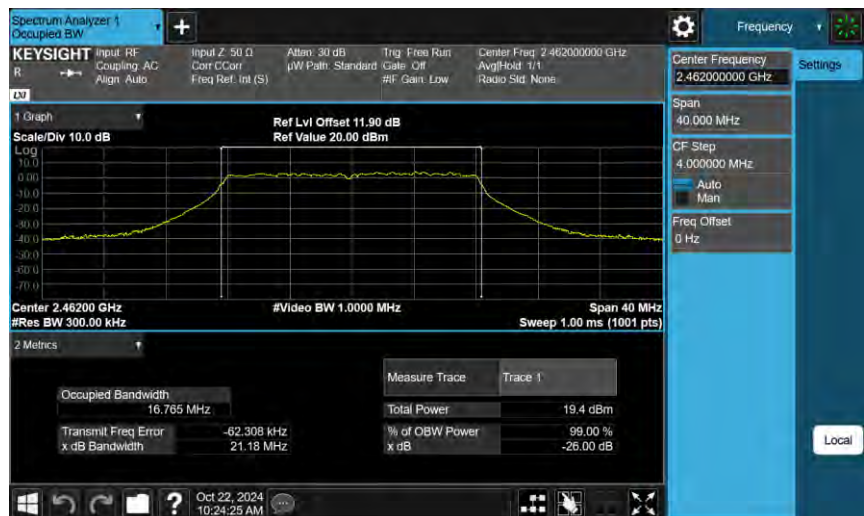
2412 MHz



2437 MHz



2462 MHz

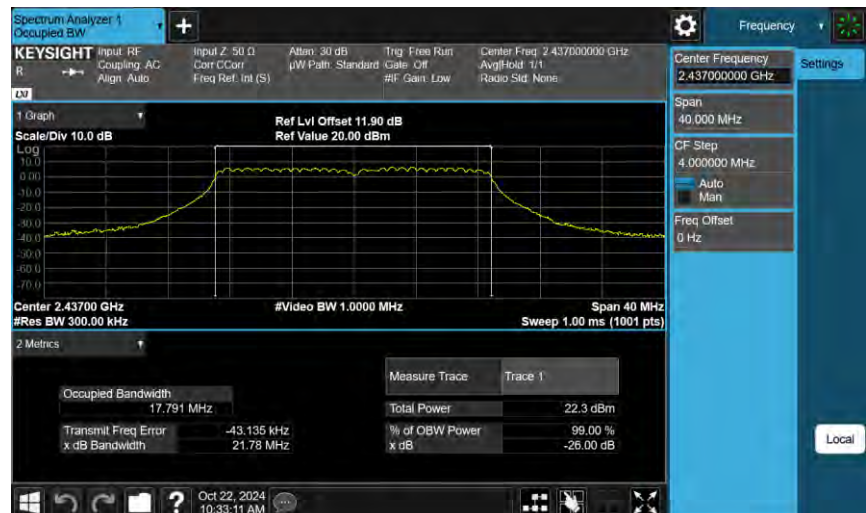


802.11n HT20_ANT-1

2412 MHz



2437 MHz



2462 MHz



802.11n HT40_ANT-1

2422 MHz



2437 MHz



2452 MHz



Maximum Power Spectral Density

802.11b_ANT-0

2412 MHz



2437 MHz

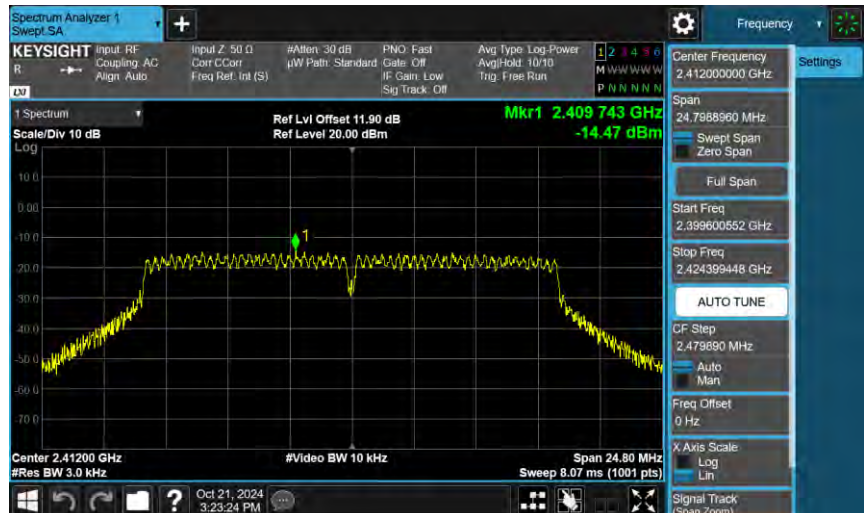


2462 MHz

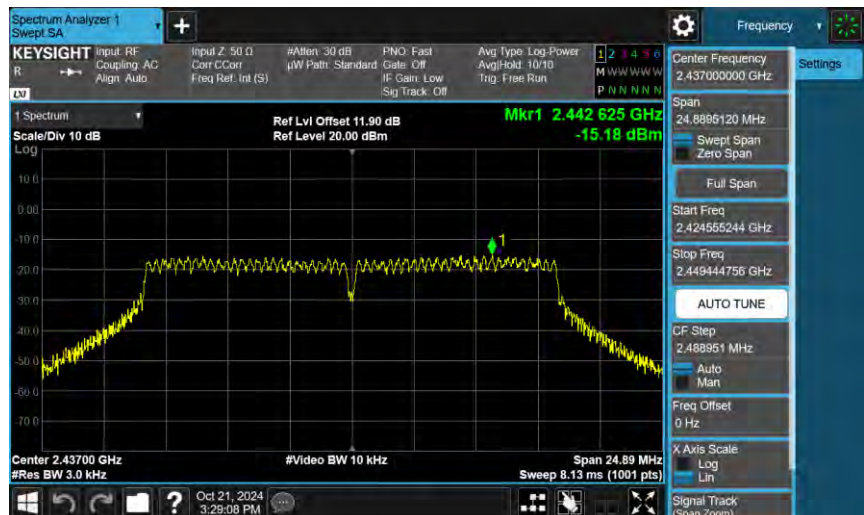


802.11g_ANT-0

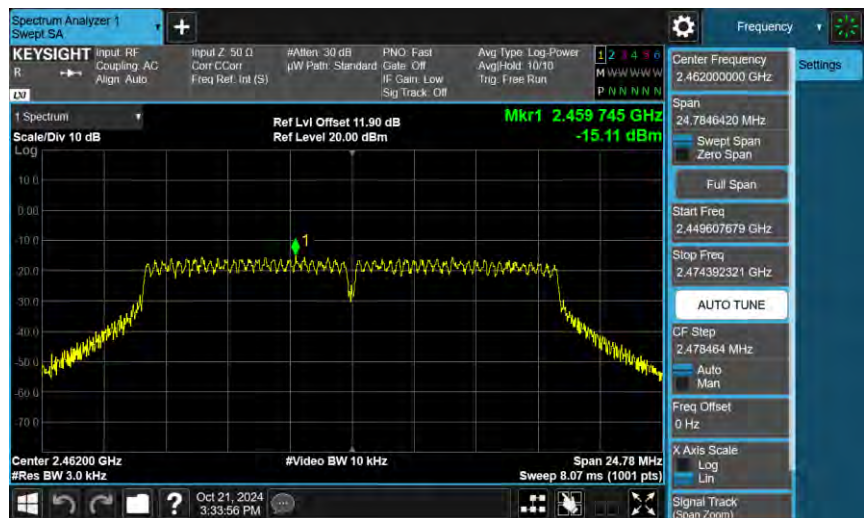
2412 MHz



2437 MHz

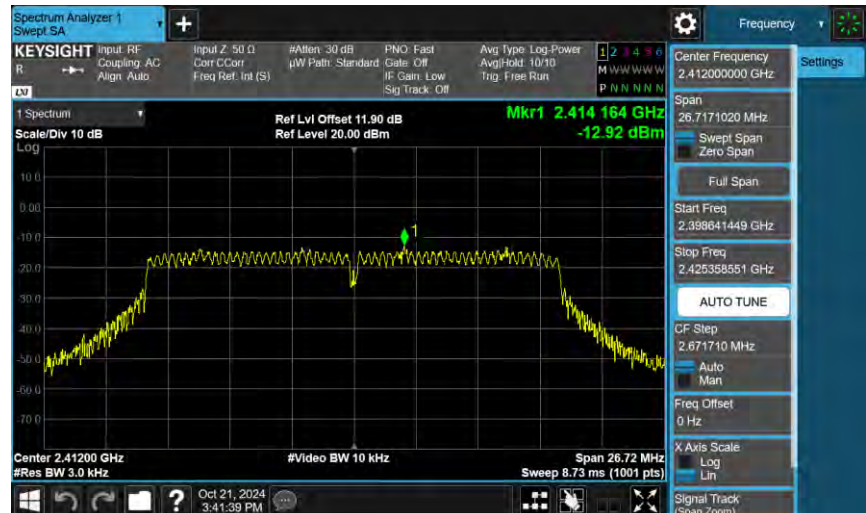


2462 MHz

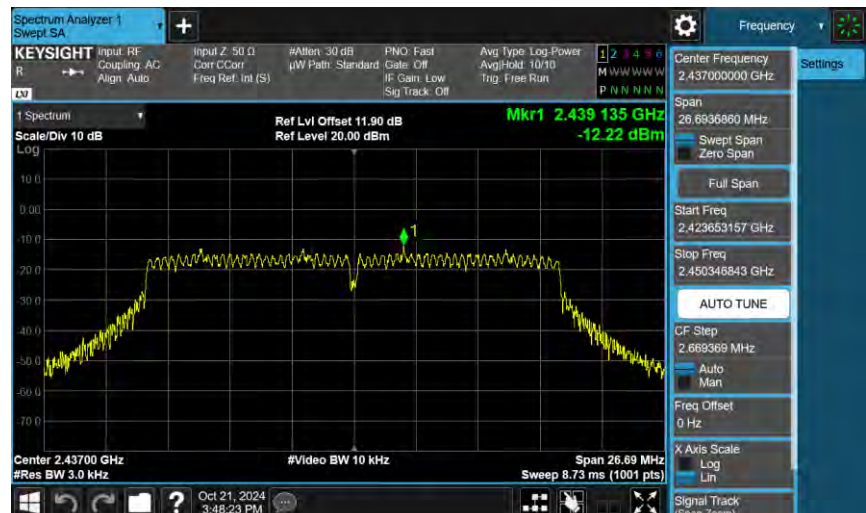


802.11n HT20_ANT-0

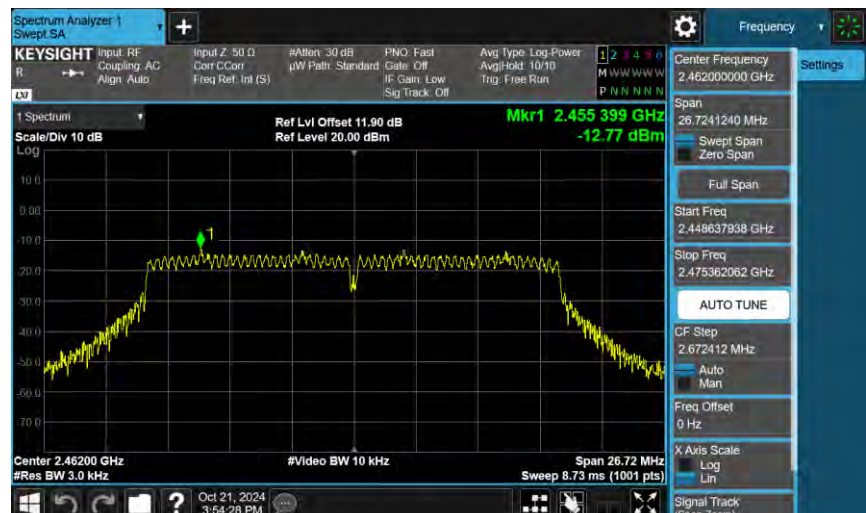
2412 MHz



2437 MHz



2462 MHz

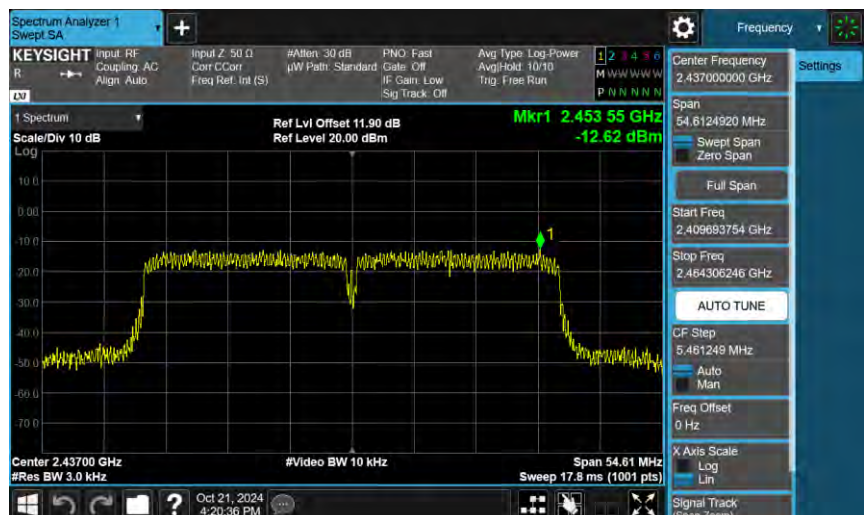


802.11n HT40_ANT-0

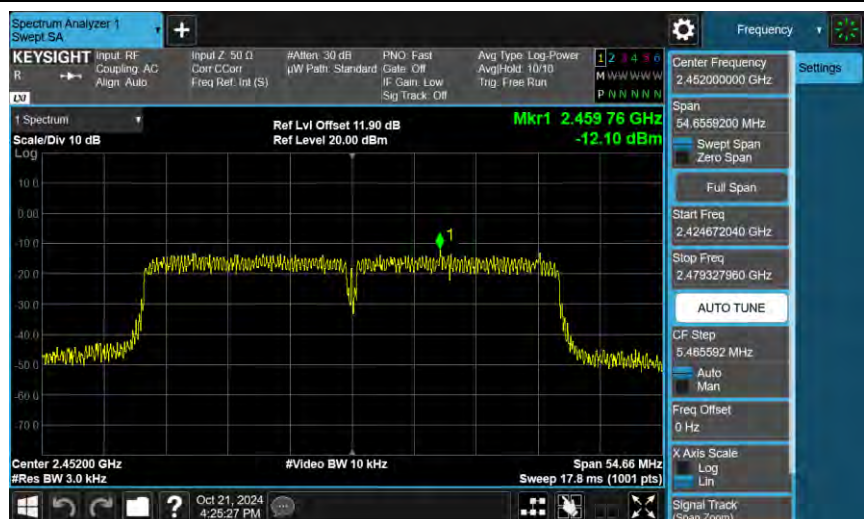
2422 MHz



2437 MHz



2452 MHz



802.11b_ANT-1

2412 MHz



2437 MHz

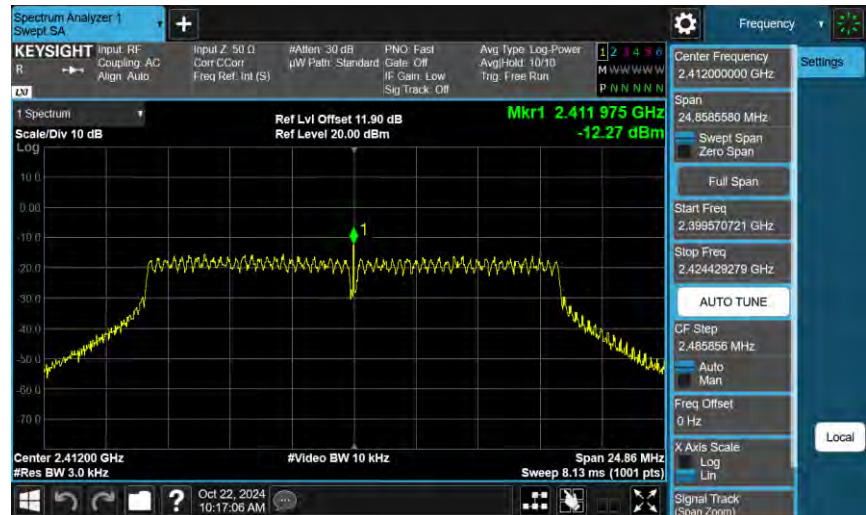


2462 MHz

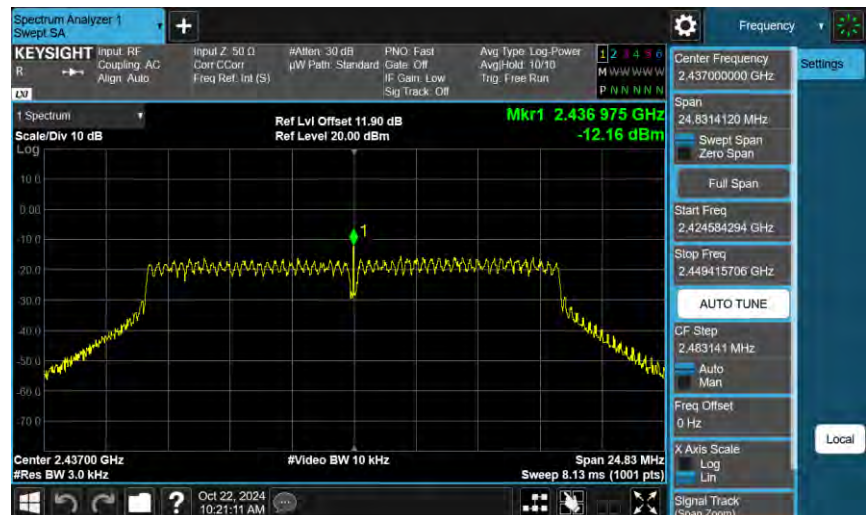


802.11g_ANT-1

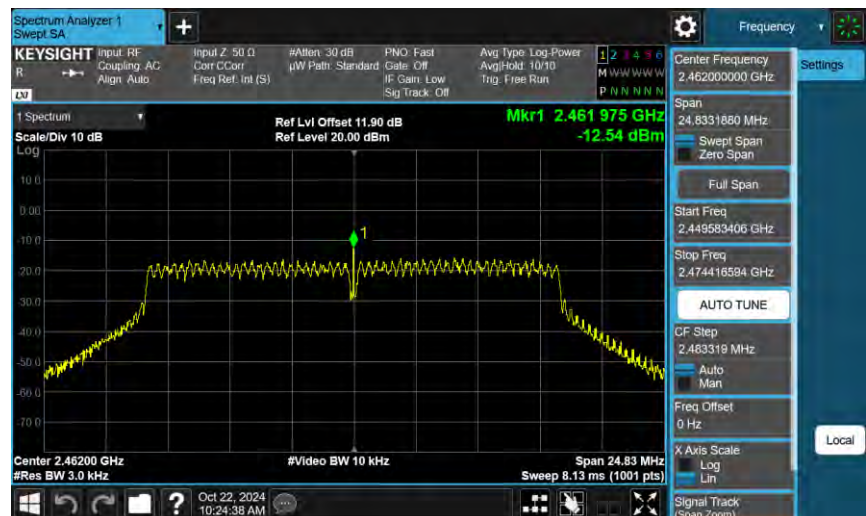
2412 MHz



2437 MHz

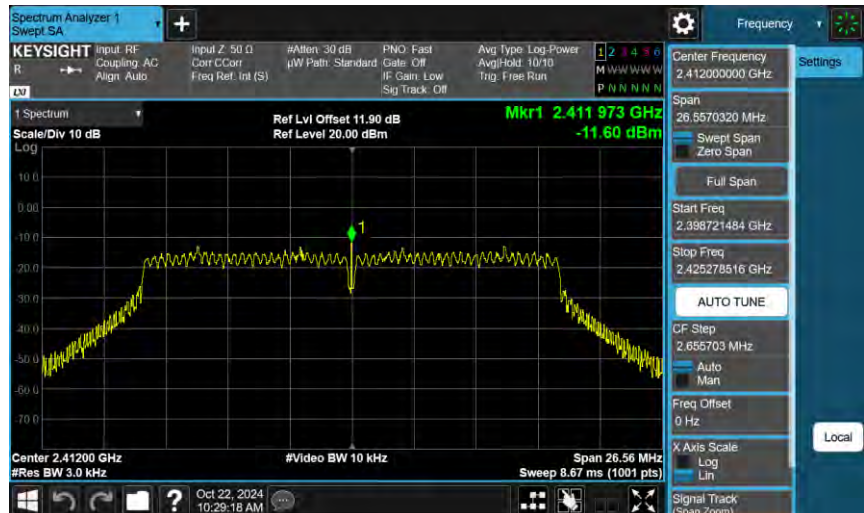


2462 MHz

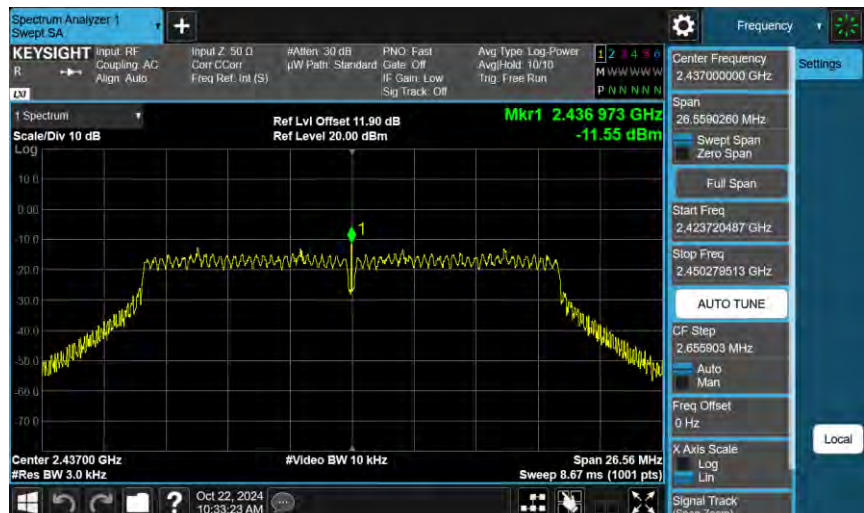


802.11n HT20_ANT-1

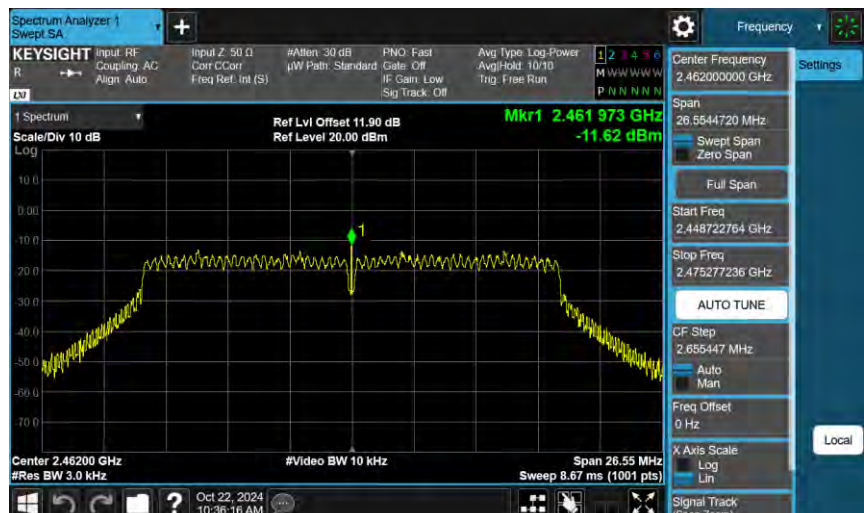
2412 MHz



2437 MHz

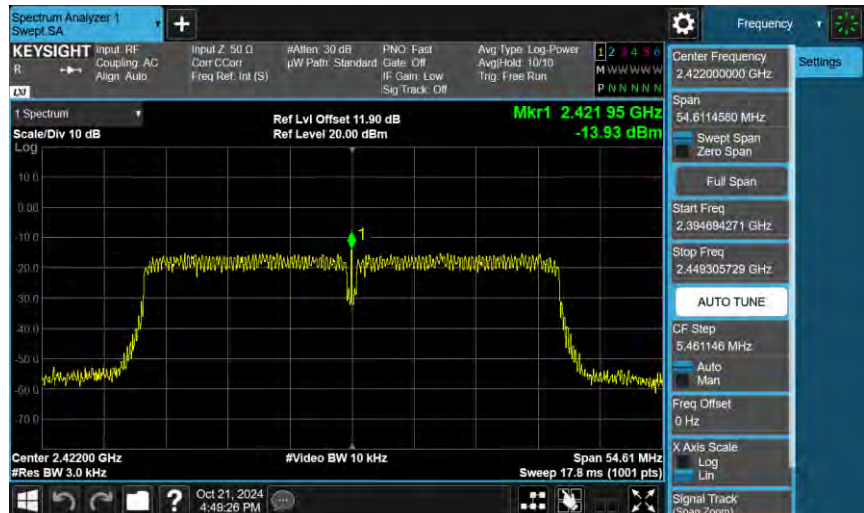


2462 MHz



802.11n HT40_ANT-1

2422 MHz



2437 MHz



2452 MHz

