

Appendix B. Test Plots

SISO

Duty cycle

802.11b

On+off time



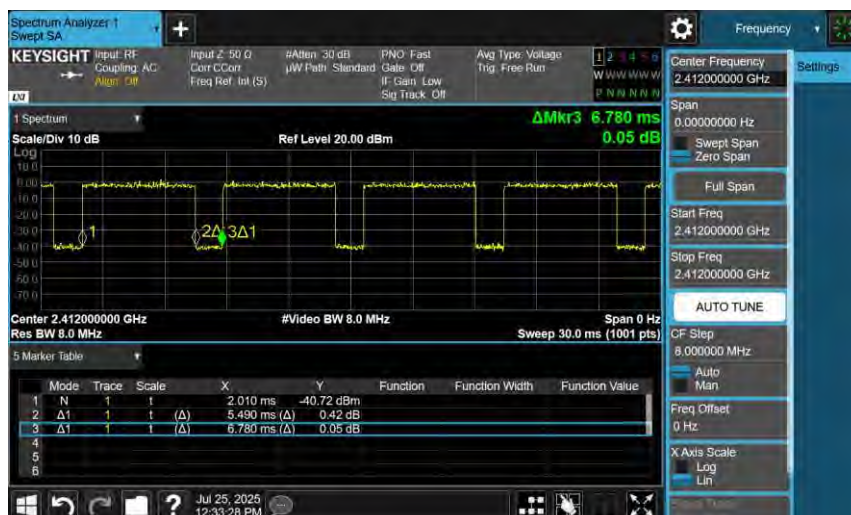
802.11g

On+off time



802.11n HT20

On+off time



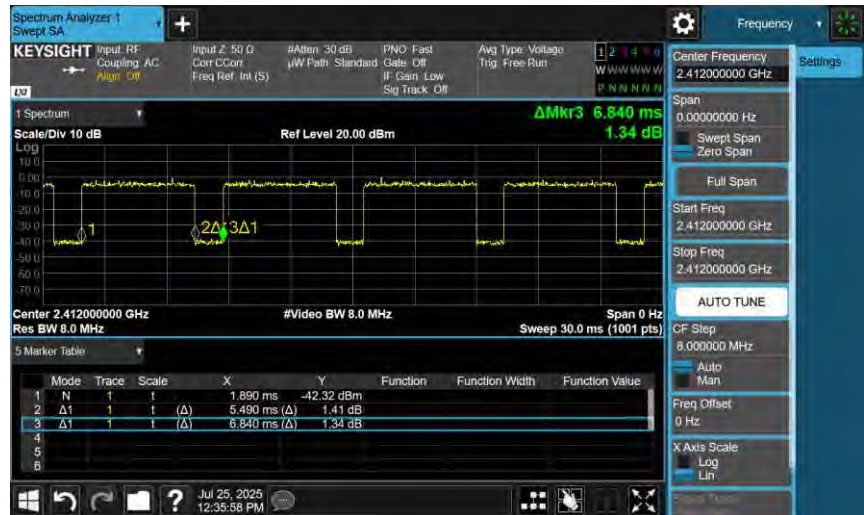
802.11n HT40

On+off time



802.11n VHT20

On+off time



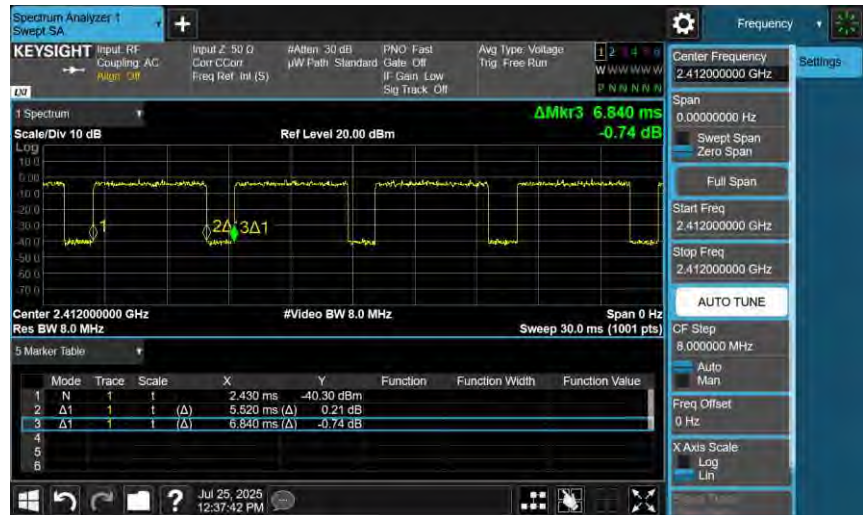
802.11n VHT40

On+off time



802.11ax HE20

On+off time



802.11ax HE40

On+off time



Out of Band Conducted Spurious Emission

802.11b_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11b_ANT-0

2467 MHz



2472 MHz



802.11g_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11g_ANT-0

2467 MHz



2472 MHz



802.11n HT20_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11n HT20_ANT-0

2467 MHz



2472 MHz



802.11n HT40_ANT-0

2422 MHz



2437 MHz



2452 MHz



802.11n HT40_ANT-0

2457 MHz



2462 MHz



802.11ax HE20_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11ax HE20_ANT-0

2467 MHz



2472 MHz



802.11ax HE40_ANT-0

2422 MHz



2437 MHz



2452 MHz



802.11ax HE40_ANT-0

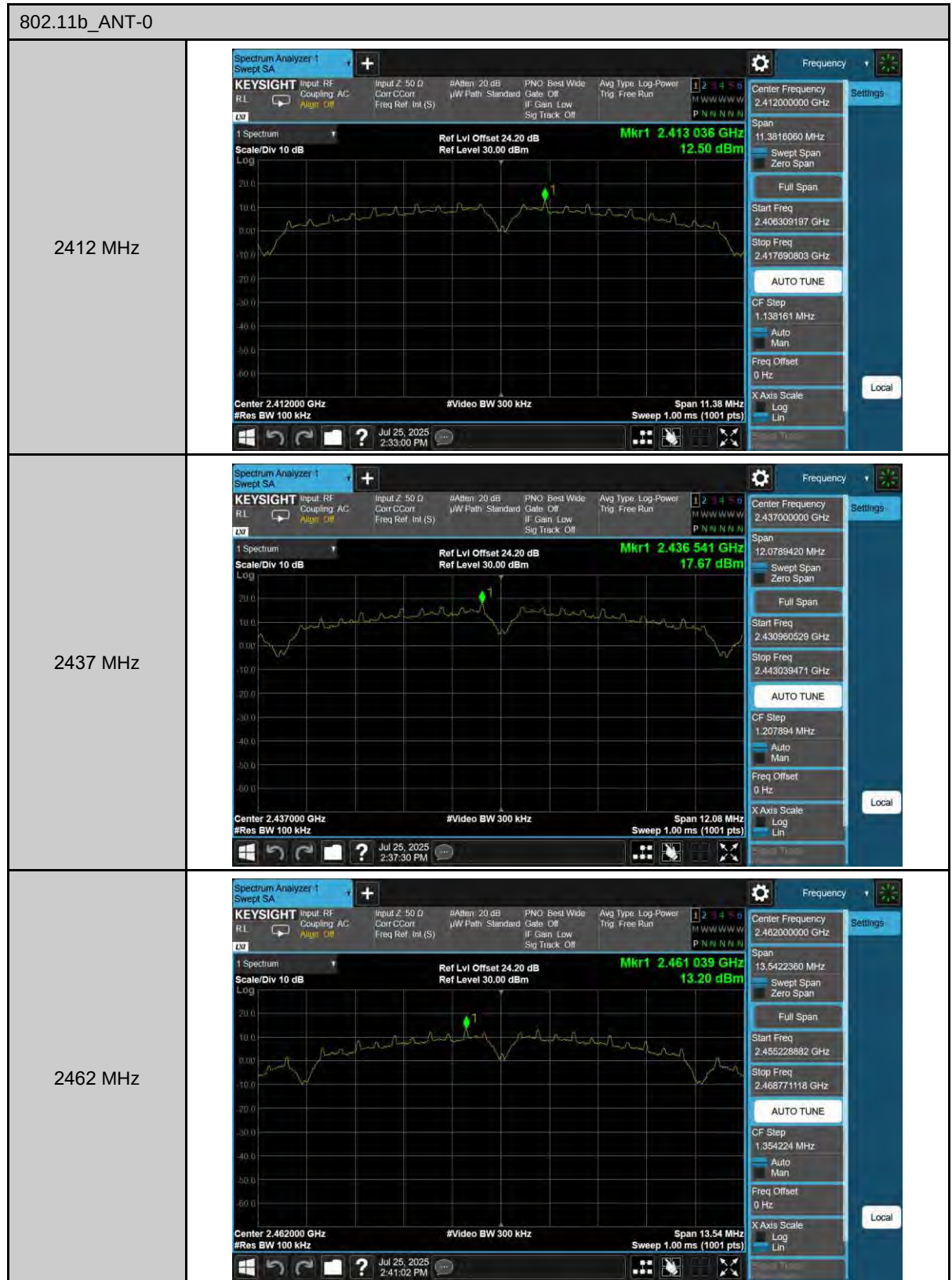
2457 MHz



2462 MHz



Reference level





802.11g_ANT-0

2412 MHz



2437 MHz

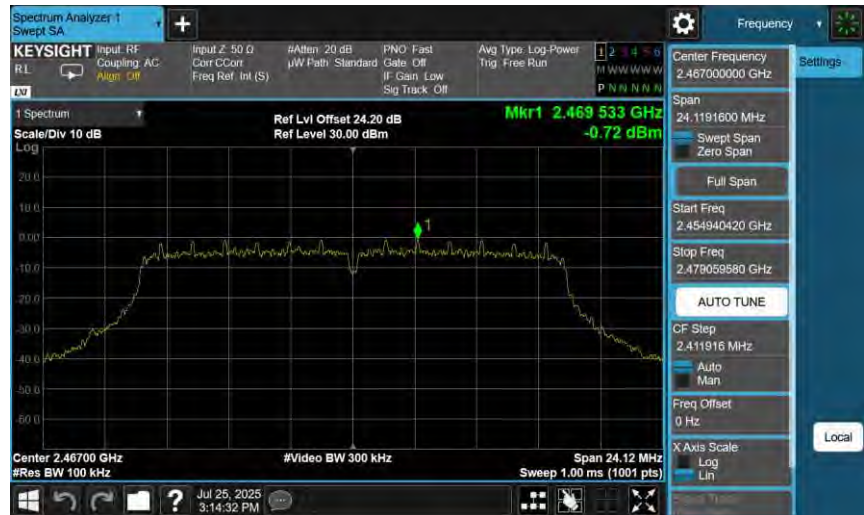


2462 MHz



802.11g_ANT-0

2467 MHz



2472 MHz



802.11n HT20_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11n HT20_ANT-0

2467 MHz



2472 MHz

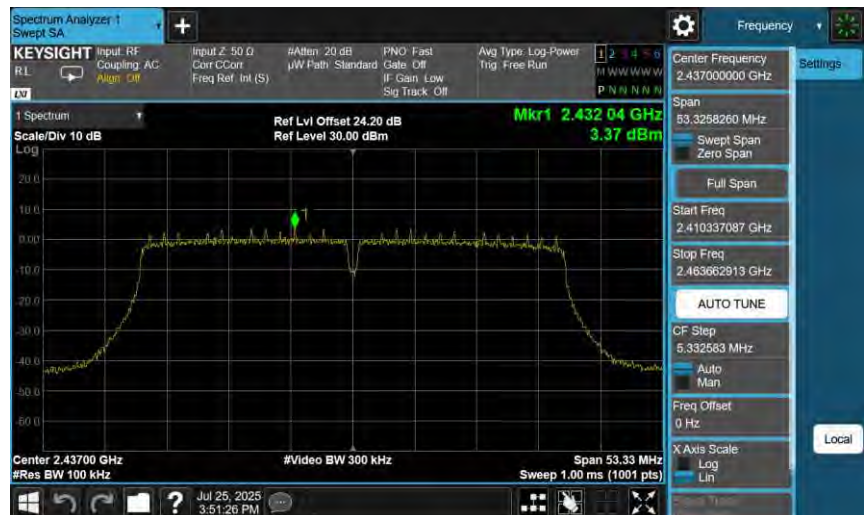


802.11n HT40_ANT-0

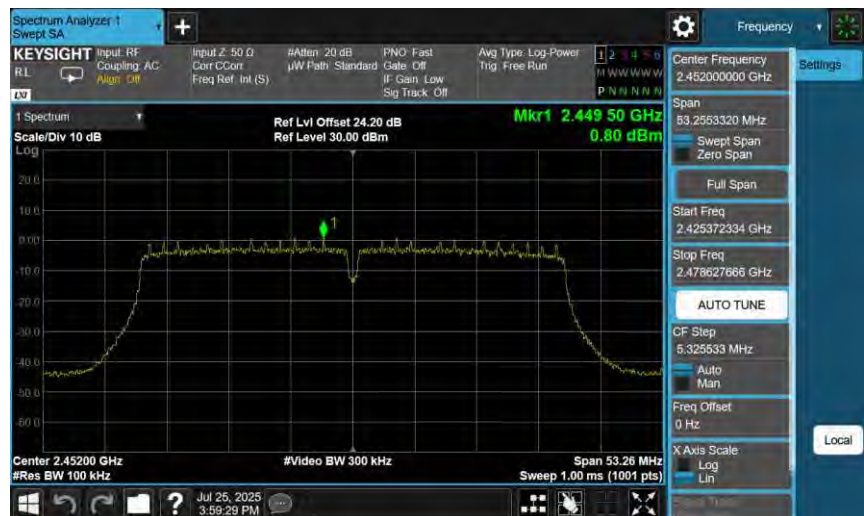
2422 MHz



2437 MHz



2452 MHz



802.11n HT40_ANT-0

2457 MHz



2462 MHz



802.11ax HE20_ANT-0

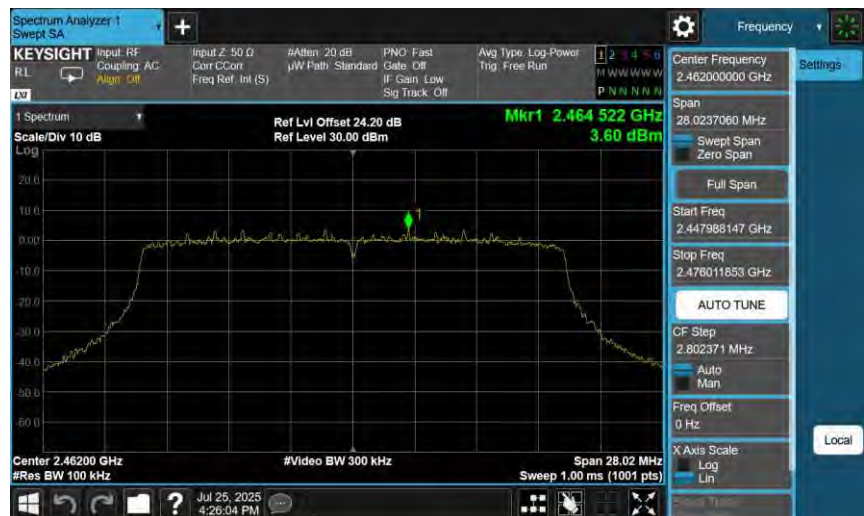
2412 MHz



2437 MHz

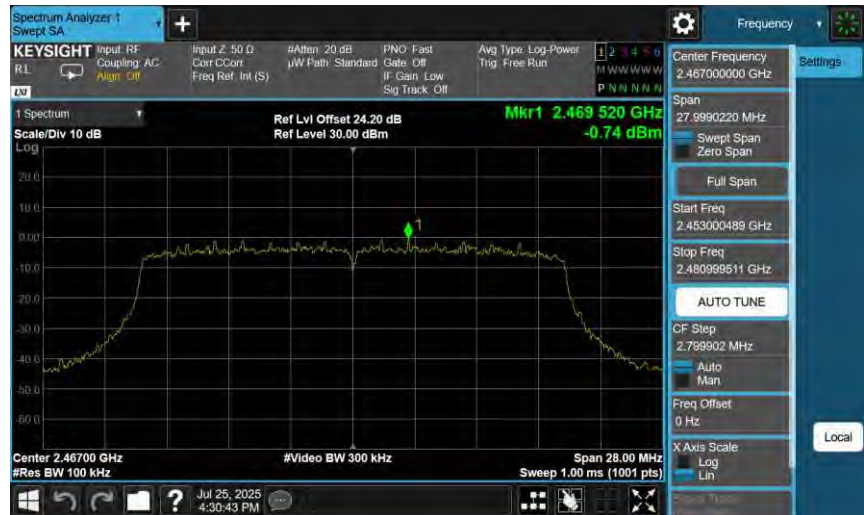


2462 MHz

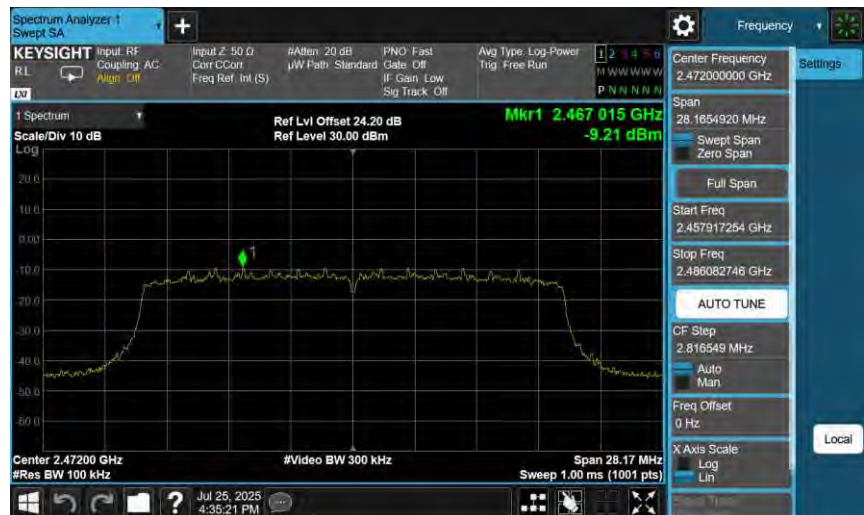


802.11ax HE20_ANT-0

2467 MHz



2472 MHz



802.11ax HE40_ANT-0

2422 MHz



2437 MHz



2452 MHz

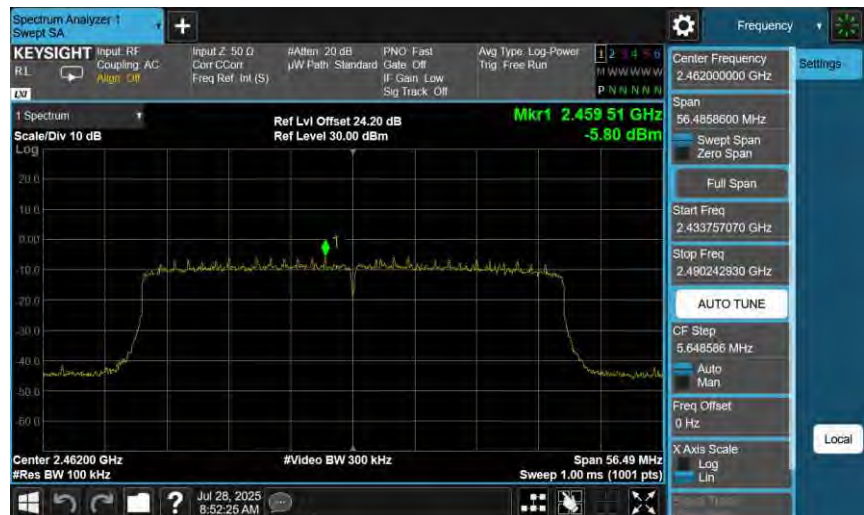


802.11ax HE40_ANT-0

2457 MHz



2462 MHz



Conducted Band Edge

802.11b_ANT-0

2412 MHz



2462 MHz



802.11b_ANT-0

2467 MHz

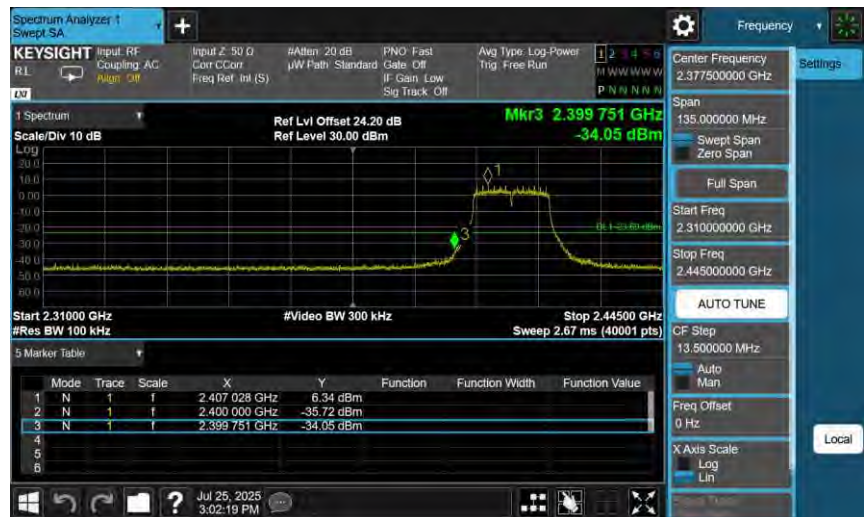


2472 MHz



802.11g_ANT-0

2412 MHz



2462 MHz



802.11g_ANT-0

2467 MHz



2472 MHz



802.11n HT20_ANT-0

2412 MHz



2462 MHz



802.11n HT20_ANT-0

2467 MHz



2472 MHz



802.11n HT40_ANT-0

2422 MHz



2452 MHz



802.11n HT40_ANT-0

2457 MHz

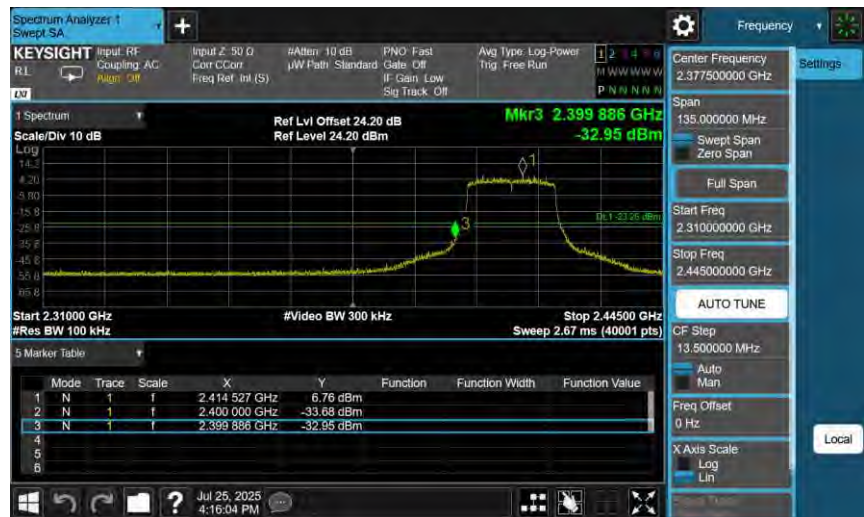


2462 MHz



802.11ax HE20_ANT-0

2412 MHz



2462 MHz



802.11ax HE20_ANT-0

2467 MHz



2472 MHz



802.11ax HE40_ANT-0

2422 MHz



2452 MHz



802.11ax HE40_ANT-0

2457 MHz



2462 MHz



6 dB Bandwidth

802.11b_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11b_ANT-0

2467 MHz

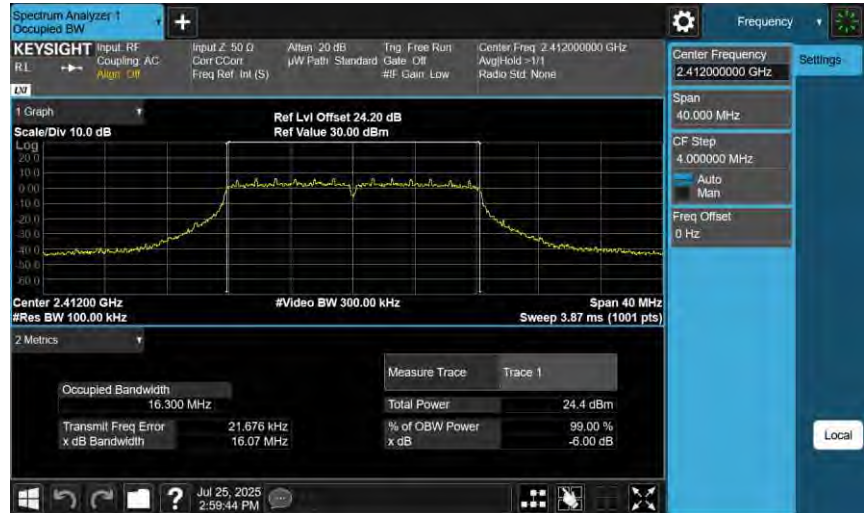


2472 MHz



802.11g_ANT-0

2412 MHz



2437 MHz

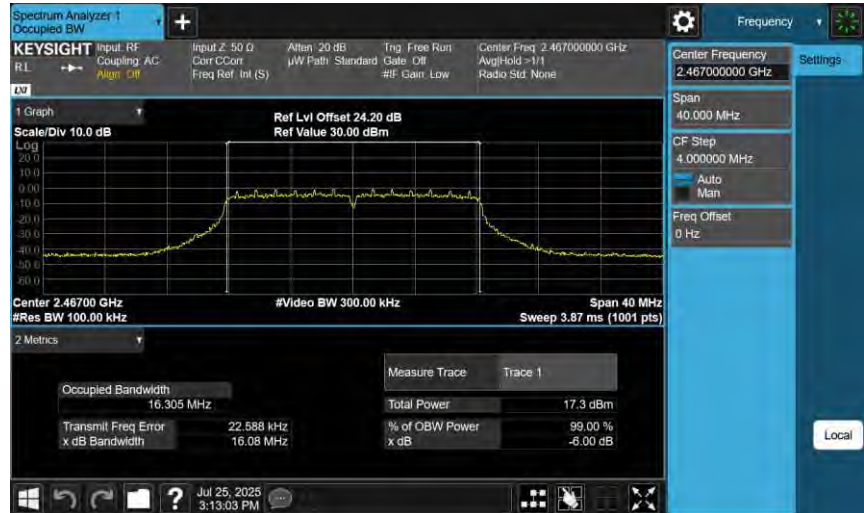


2462 MHz

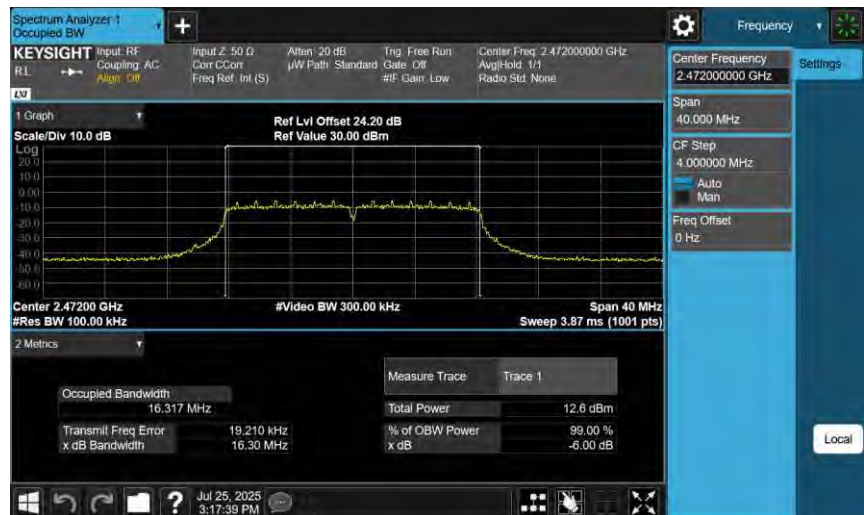


802.11g_ANT-0

2467 MHz



2472 MHz



802.11n HT20_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11n HT20_ANT-0

2467 MHz



2472 MHz



802.11n HT40_ANT-0

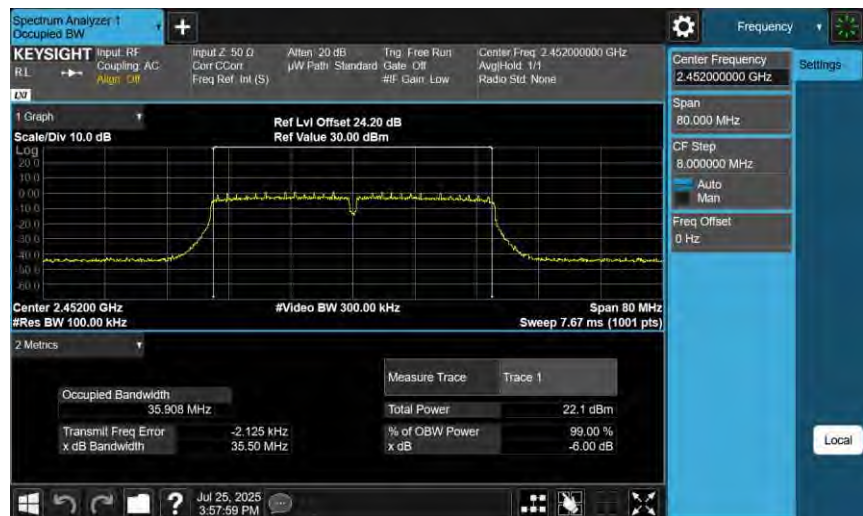
2422 MHz



2437 MHz



2452 MHz

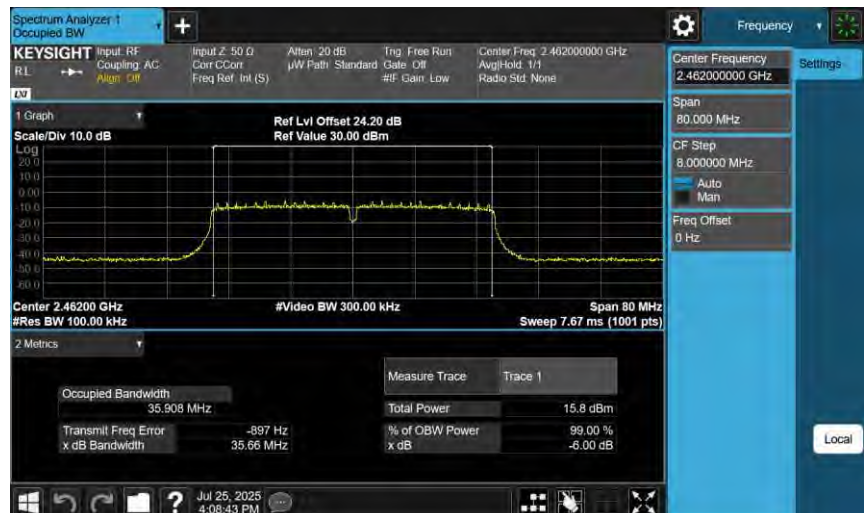


802.11n HT40_ANT-0

2457 MHz



2462 MHz



802.11ax HE20_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11ax HE20_ANT-0

2467 MHz



2472 MHz



802.11ax HE40_ANT-0

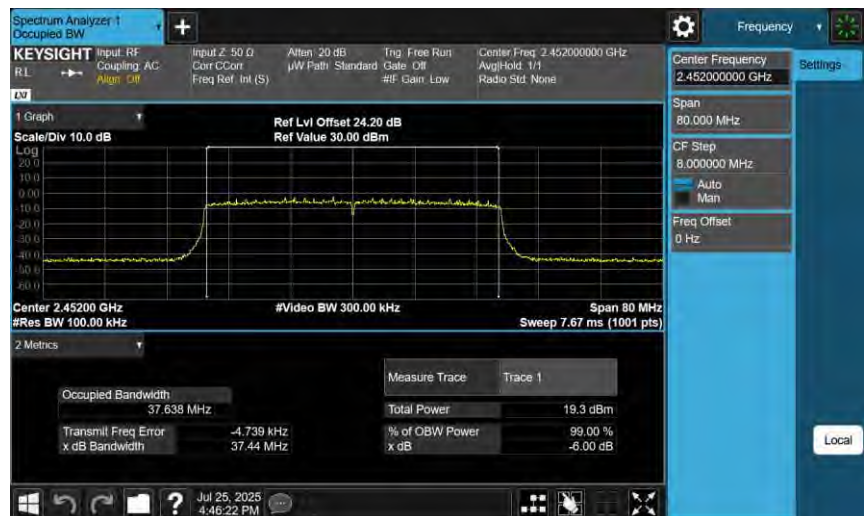
2422 MHz



2437 MHz



2452 MHz



802.11ax HE40_ANT-0

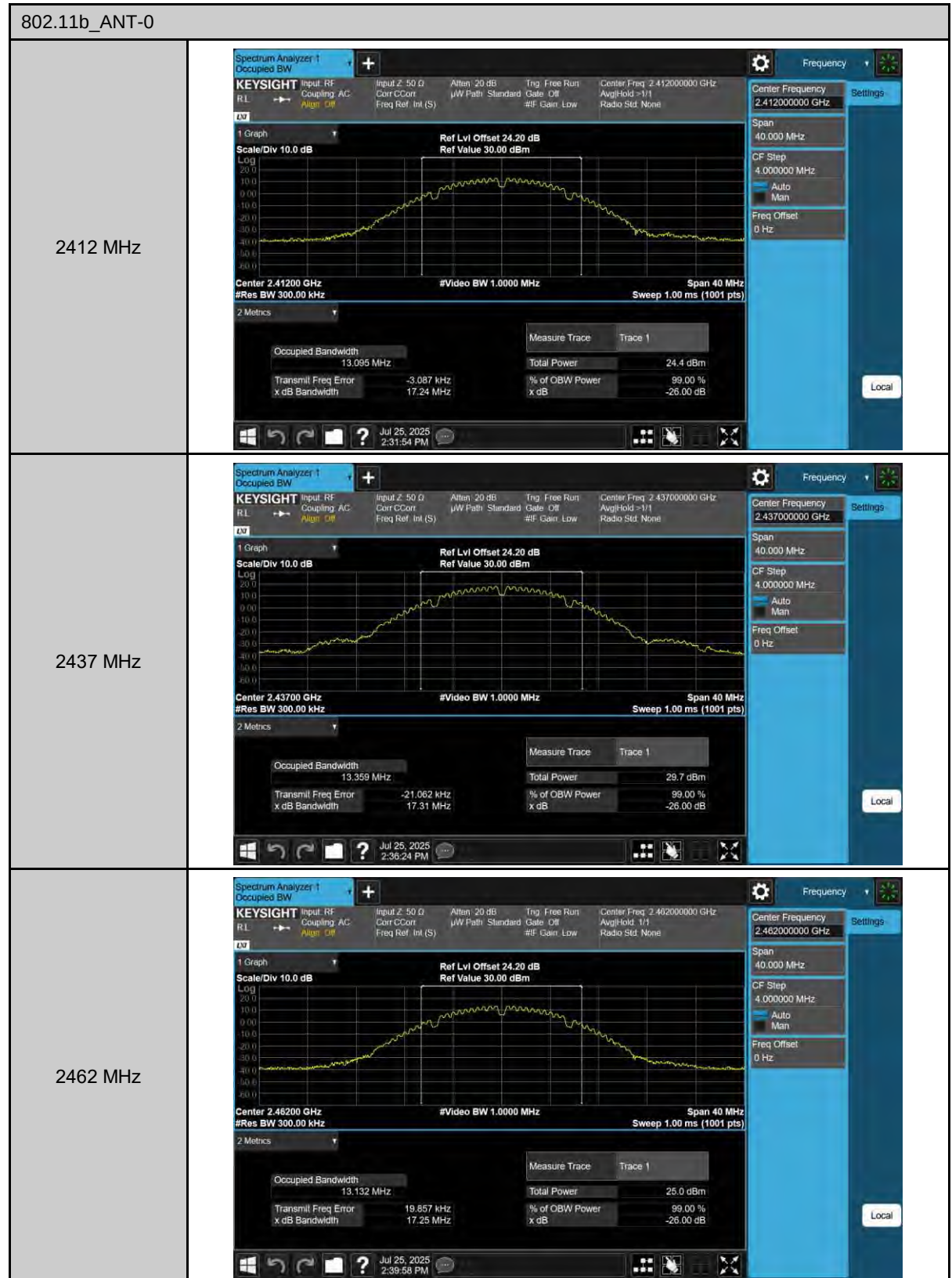
2457 MHz



2462 MHz



99% Occupied Bandwidth



802.11b_ANT-0

2467 MHz



2472 MHz



802.11g_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11g_ANT-0

2467 MHz



2472 MHz



802.11n HT20_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11n HT20_ANT-0

2467 MHz



2472 MHz



802.11n HT40_ANT-0

2422 MHz



2437 MHz

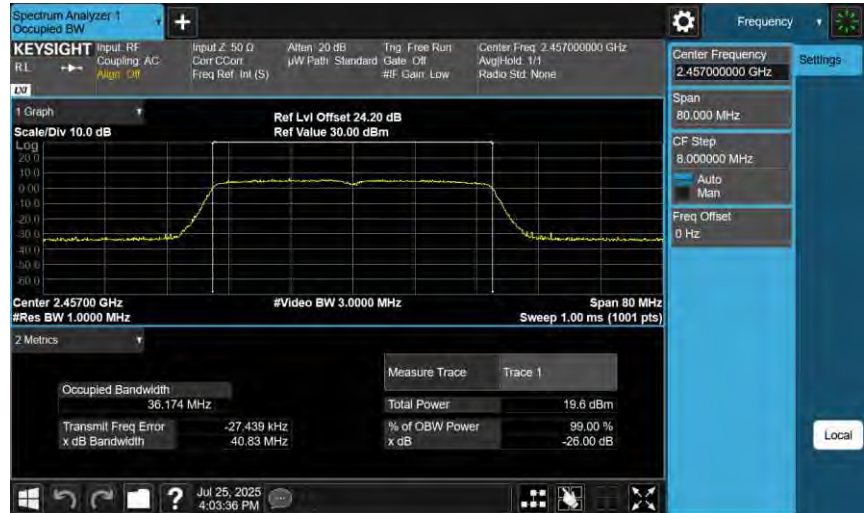


2452 MHz



802.11n HT40_ANT-0

2457 MHz



2462 MHz



802.11ax HE20_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11ax HE20_ANT-0

2467 MHz



2472 MHz



802.11ax HE40_ANT-0

2422 MHz



2437 MHz



2452 MHz



802.11ax HE40_ANT-0

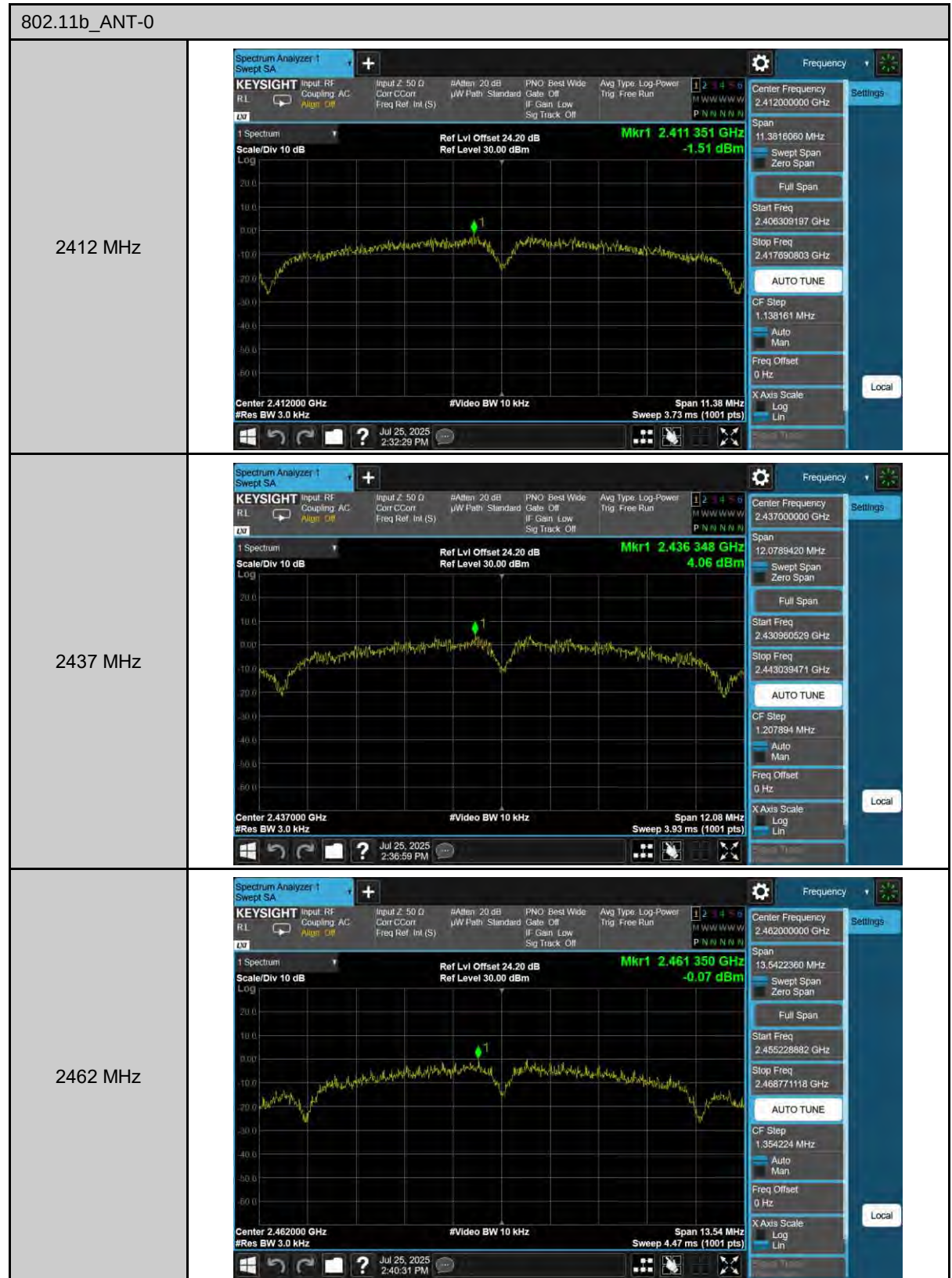
2457 MHz



2462 MHz



Maximum Power Spectral Density



802.11b_ANT-0

2467 MHz

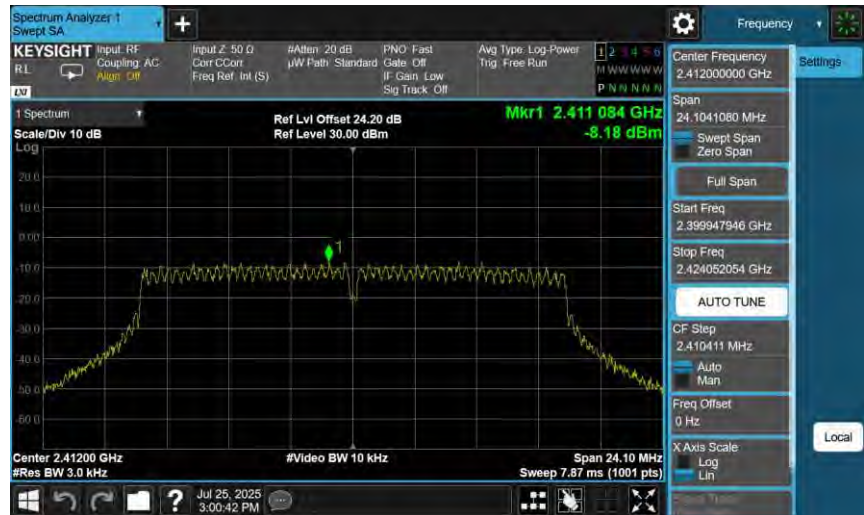


2472 MHz

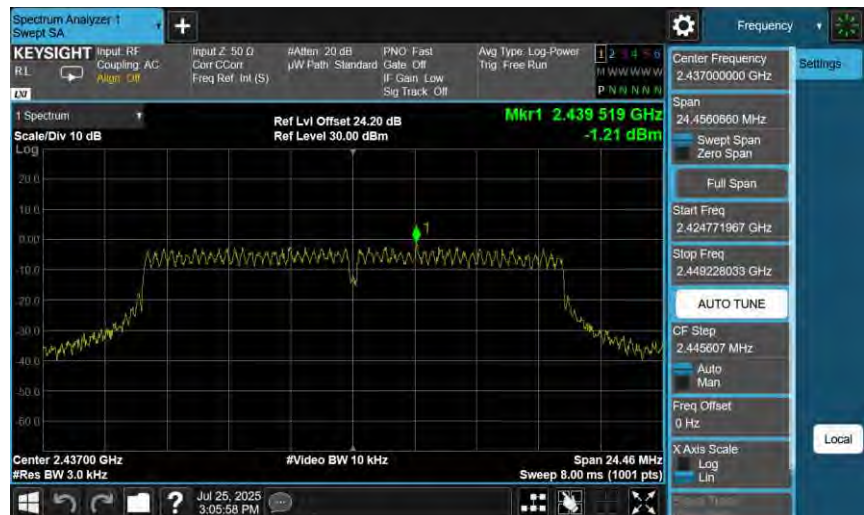


802.11g_ANT-0

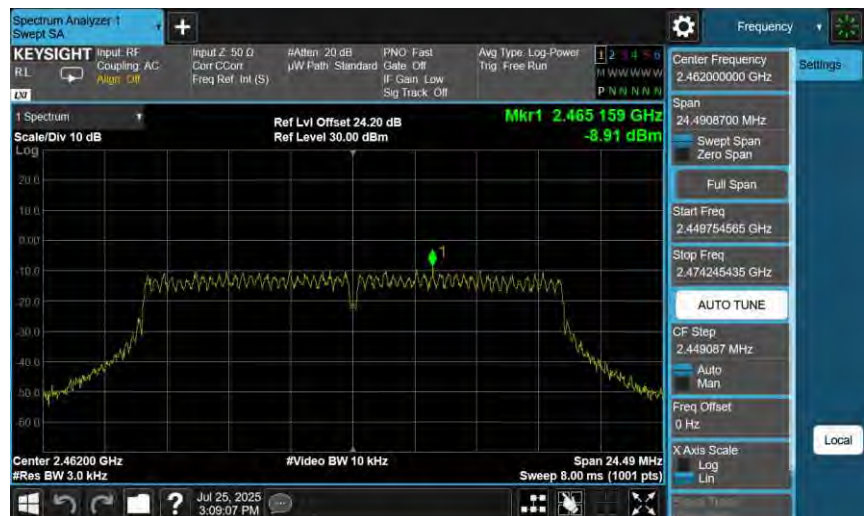
2412 MHz



2437 MHz



2462 MHz

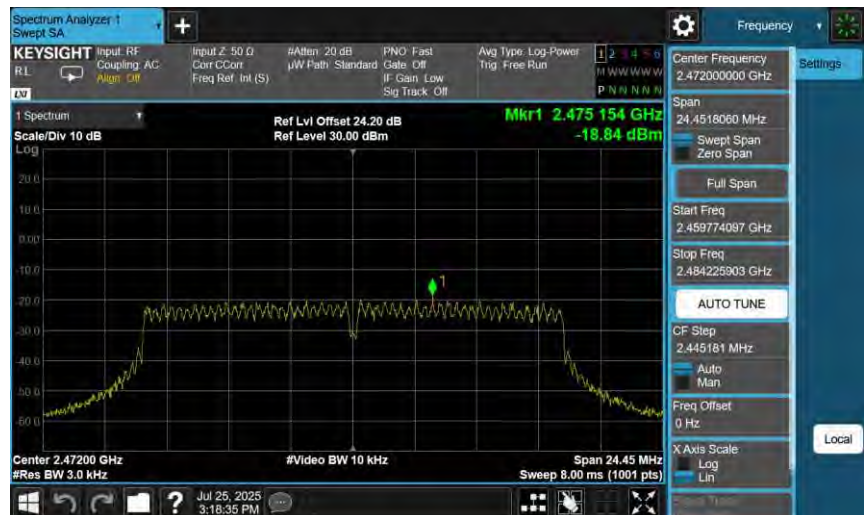


802.11g_ANT-0

2467 MHz



2472 MHz

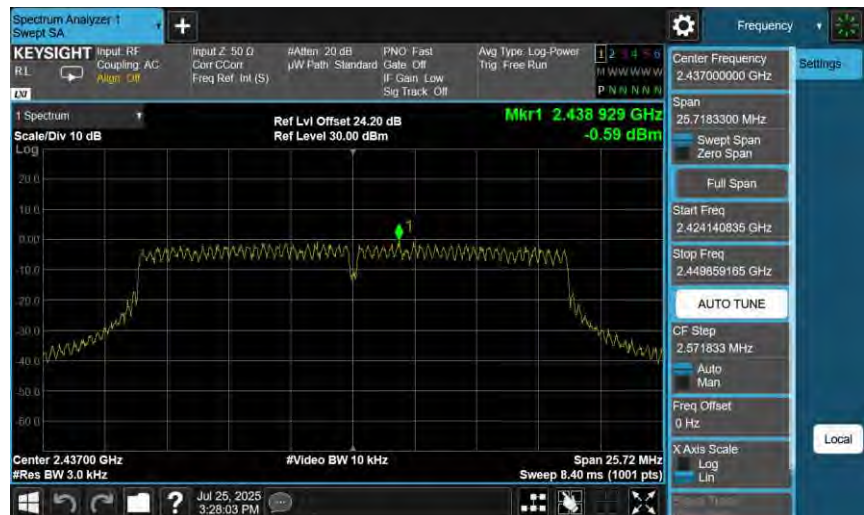


802.11n HT20_ANT-0

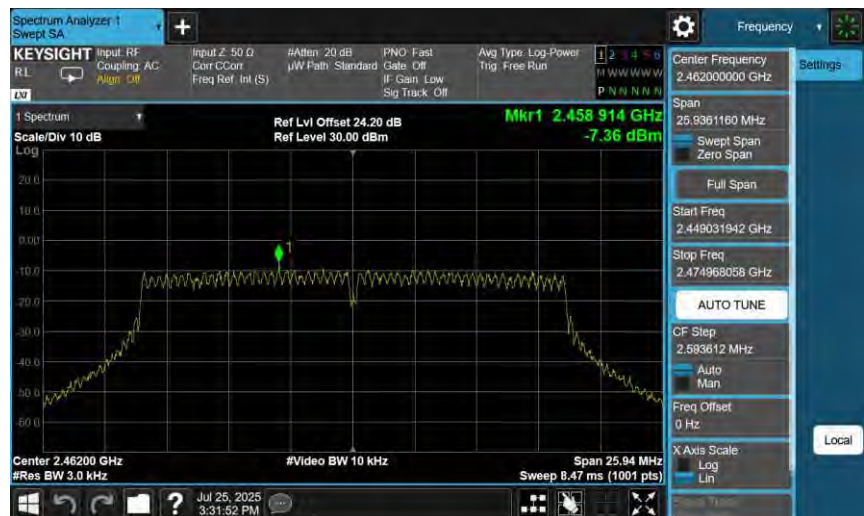
2412 MHz



2437 MHz



2462 MHz

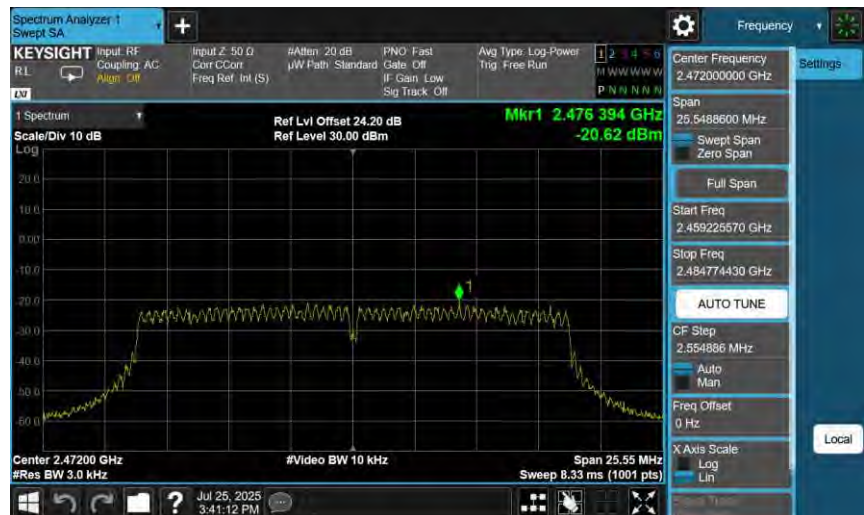


802.11n HT20_ANT-0

2467 MHz



2472 MHz

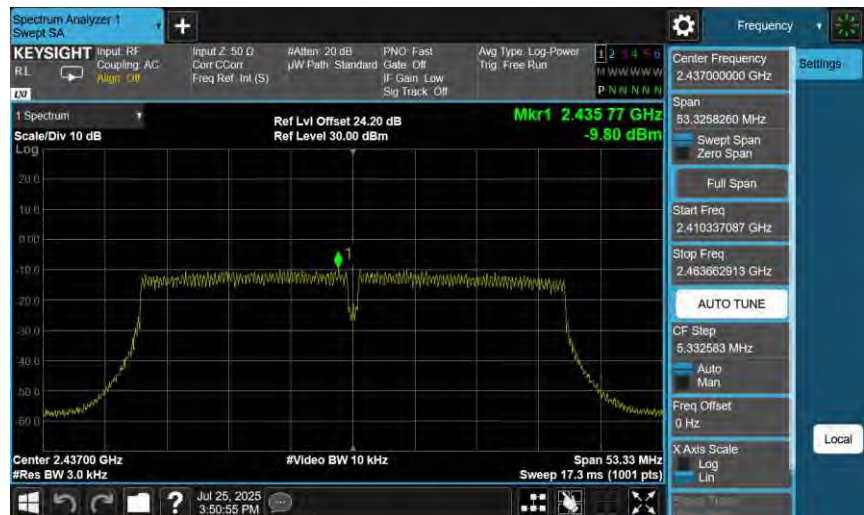


802.11n HT40_ANT-0

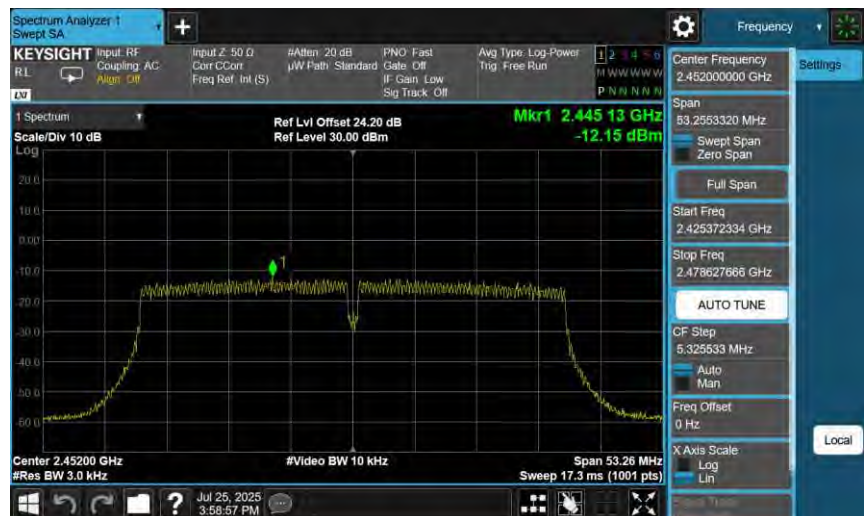
2422 MHz

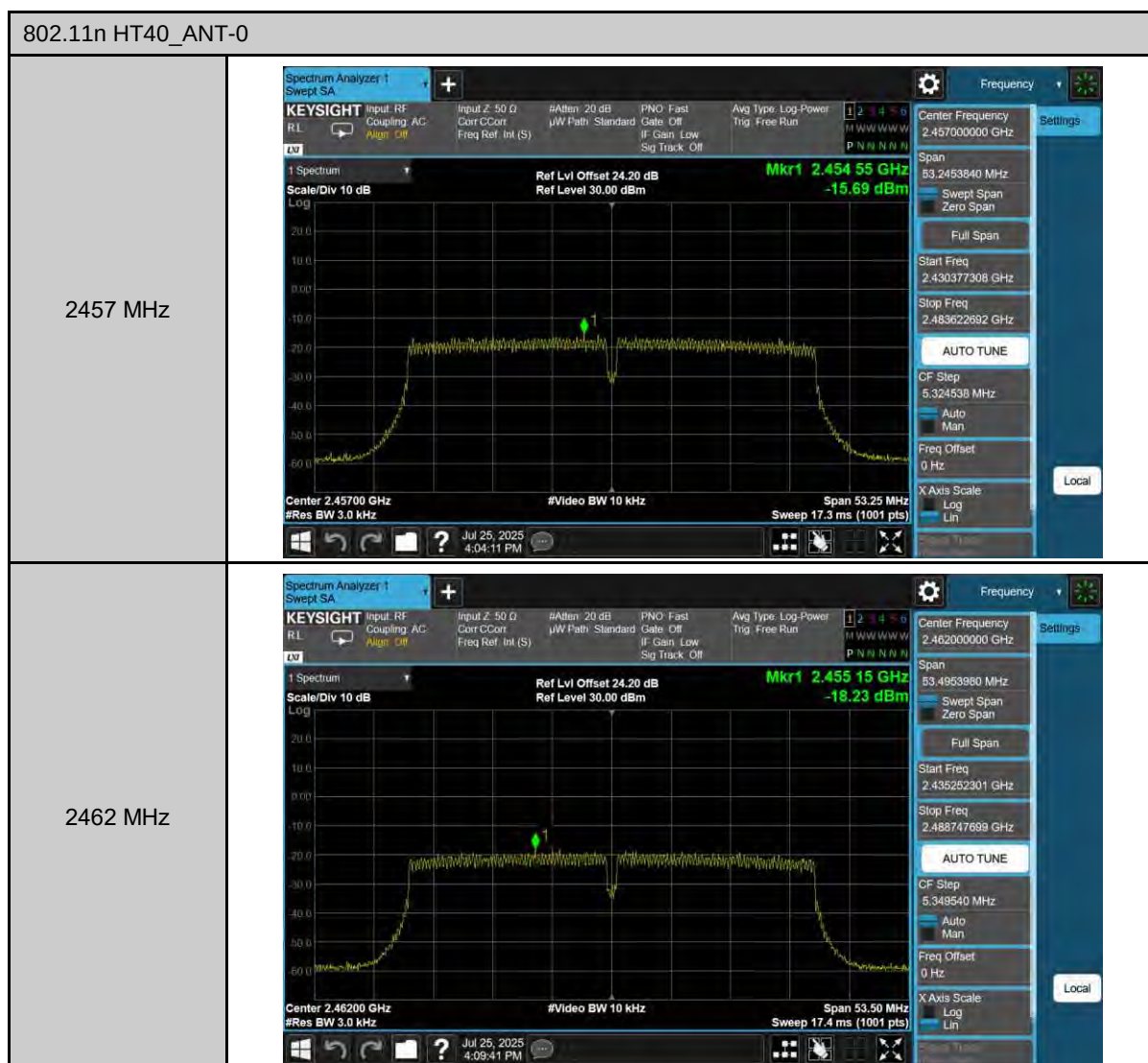


2437 MHz



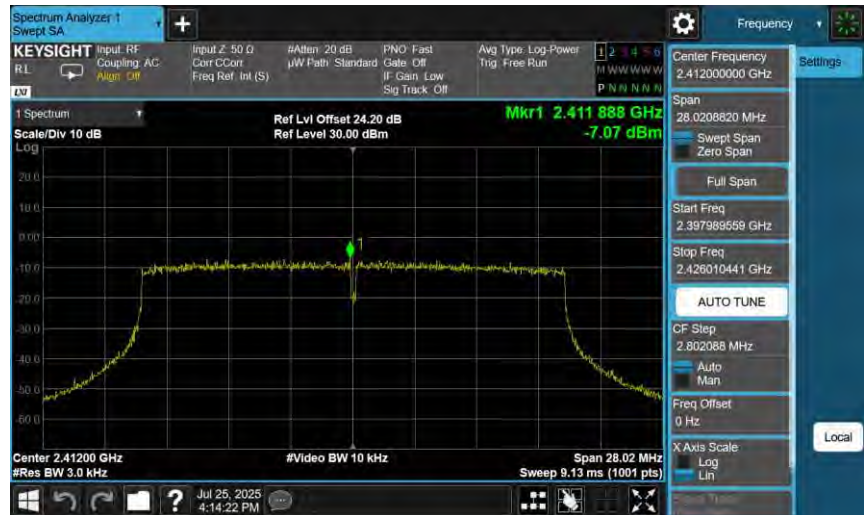
2452 MHz



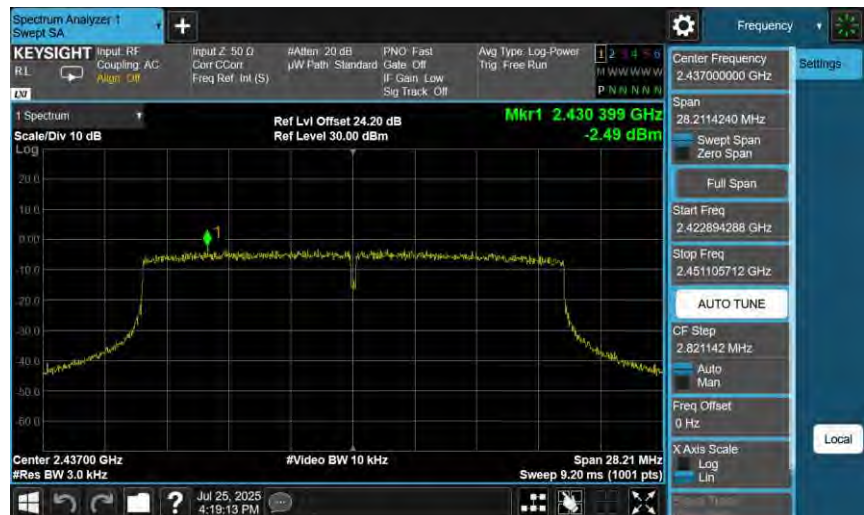


802.11ax HE20_ANT-0

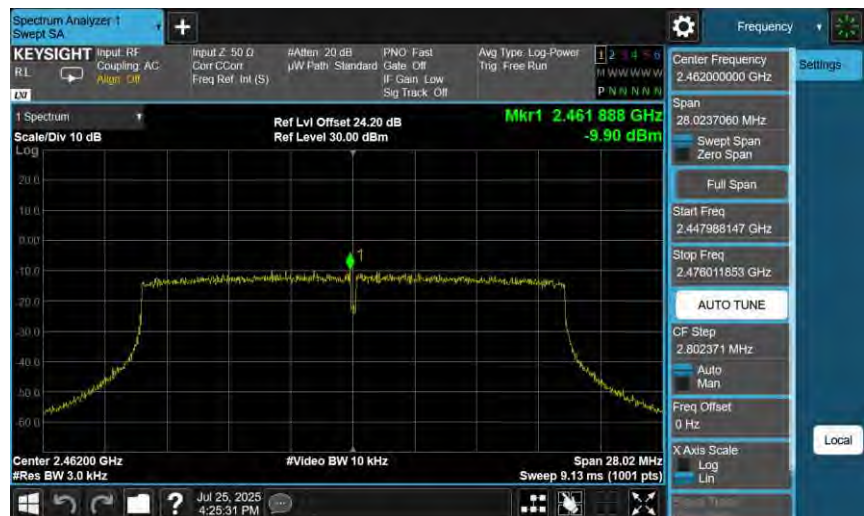
2412 MHz



2437 MHz



2462 MHz

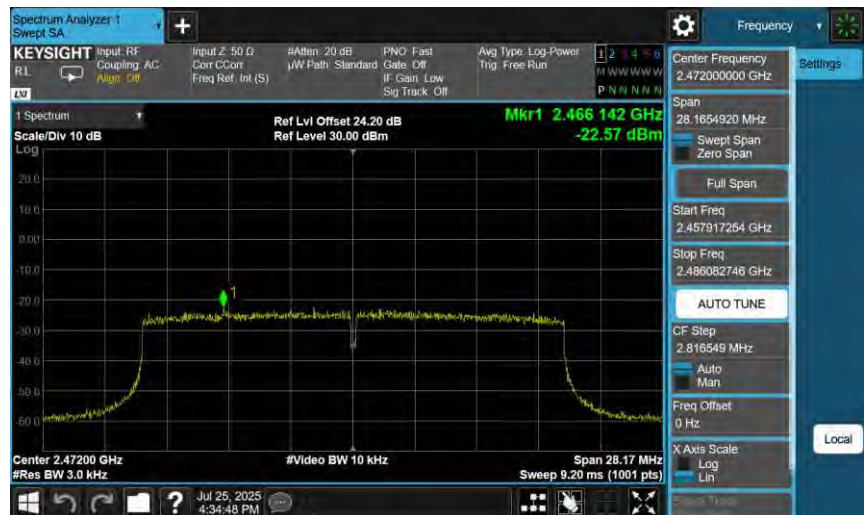


802.11ax HE20_ANT-0

2467 MHz



2472 MHz

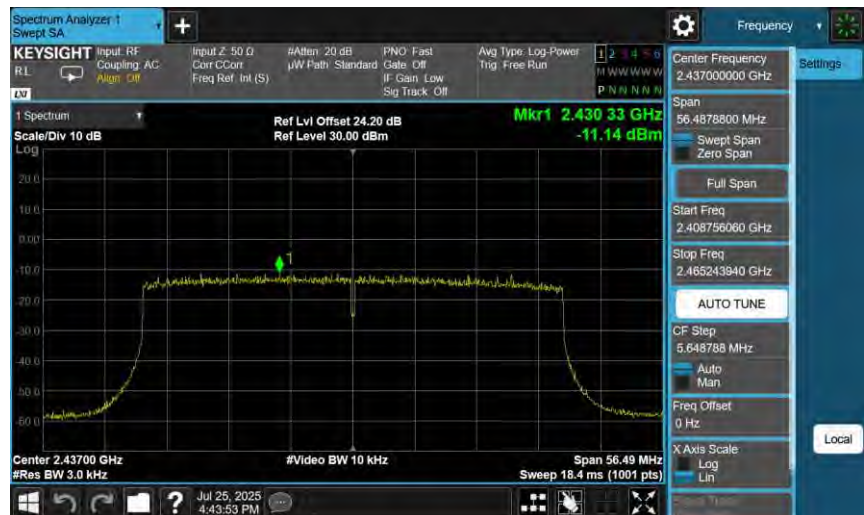


802.11ax HE40_ANT-0

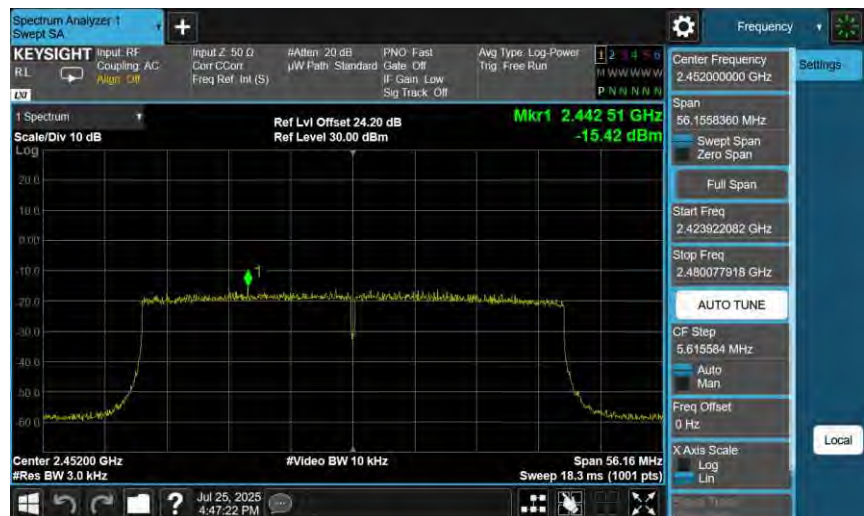
2422 MHz



2437 MHz

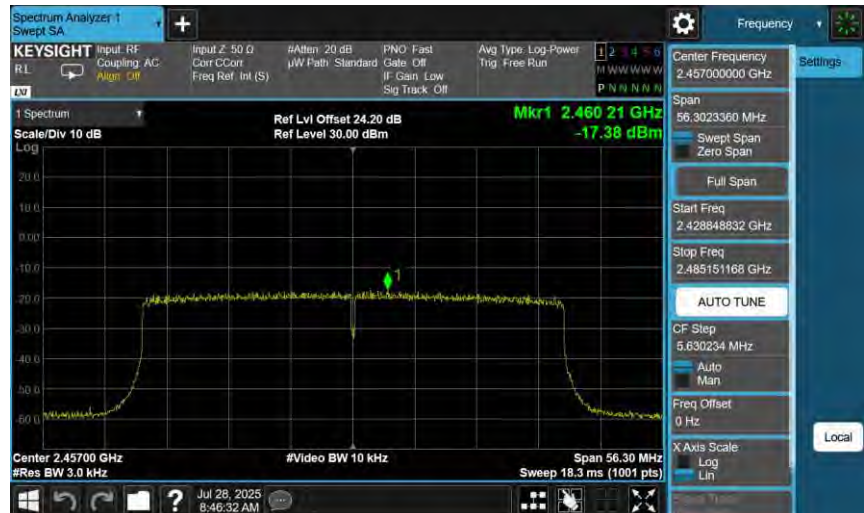


2452 MHz

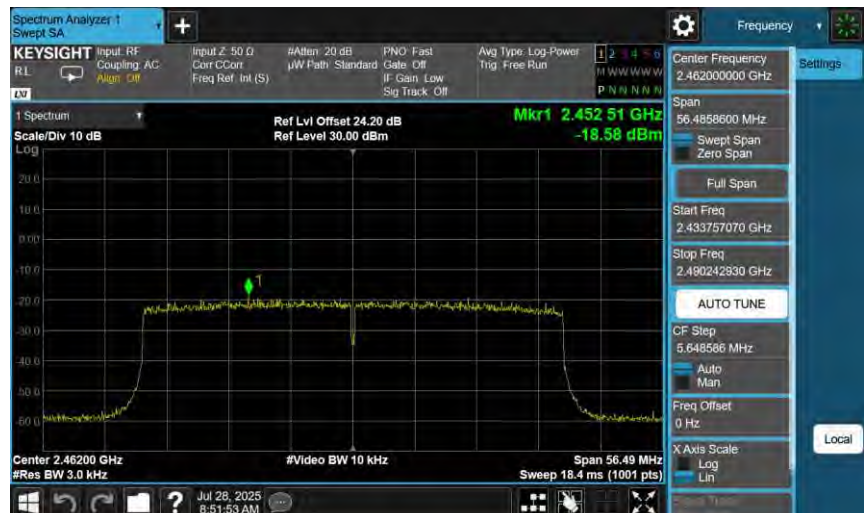


802.11ax HE40_ANT-0

2457 MHz



2462 MHz

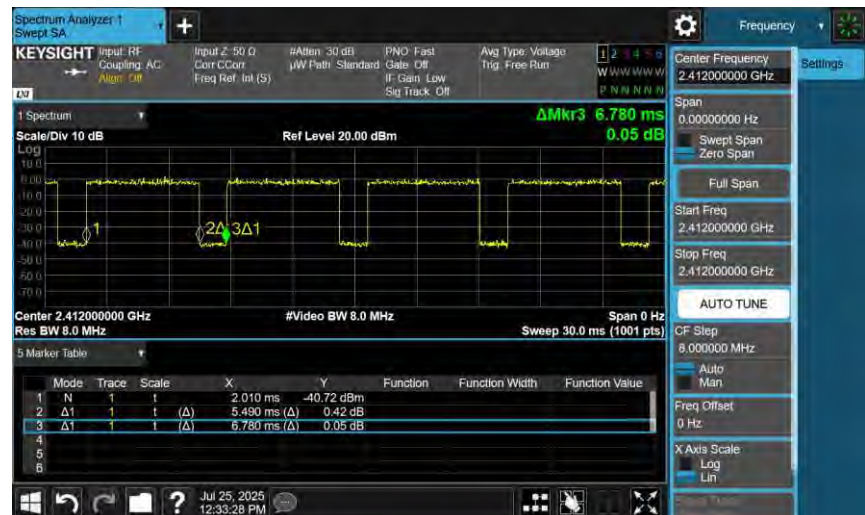


MIMO

Duty cycle

802.11n HT20

On+off time



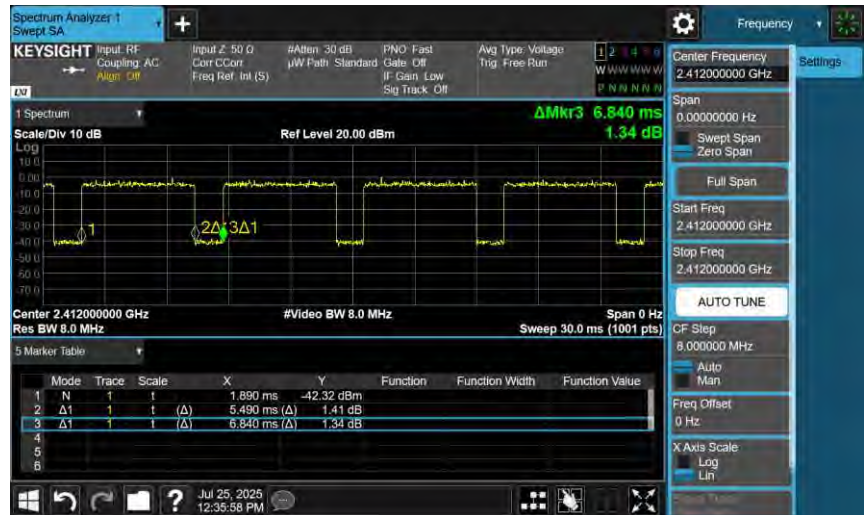
802.11n HT40

On+off time



802.11n VHT20

On+off time



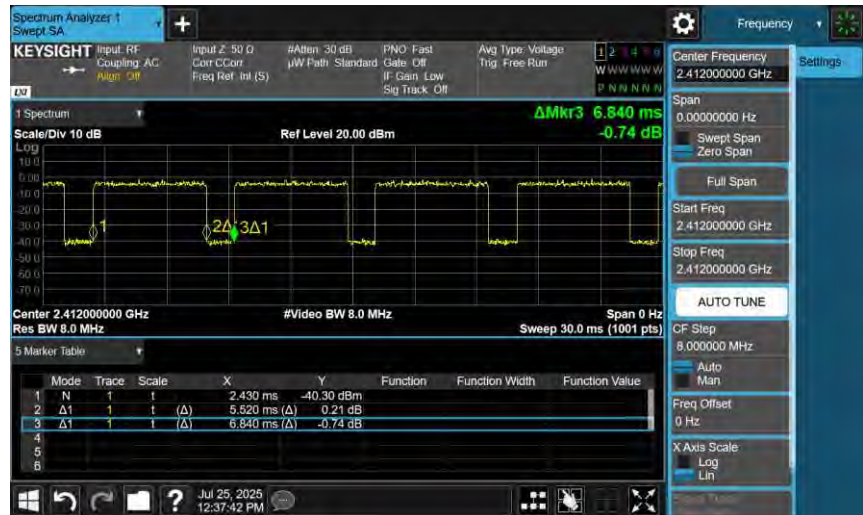
802.11n VHT40

On+off time



802.11ax HE20

On+off time



802.11ax HE40

On+off time



Out of Band Conducted Spurious Emission

802.11n HT20_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11n HT20_ANT-0

2467 MHz



2472 MHz



802.11n HT40_ANT-0

2422 MHz



2437 MHz



2452 MHz



802.11n HT40_ANT-0

2457 MHz



2462 MHz



802.11ax HE20_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11ax HE20_ANT-0

2467 MHz



2472 MHz



802.11ax HE40_ANT-0

2422 MHz



2437 MHz



2452 MHz



802.11ax HE40_ANT-0

2457 MHz



2462 MHz



802.11n HT20_ANT-1

2412 MHz



2437 MHz



2462 MHz



802.11n HT20_ANT-1

2467 MHz



2472 MHz



802.11n HT40_ANT-1

2422 MHz



2437 MHz



2452 MHz



802.11n HT40_ANT-1

2457 MHz



2462 MHz

