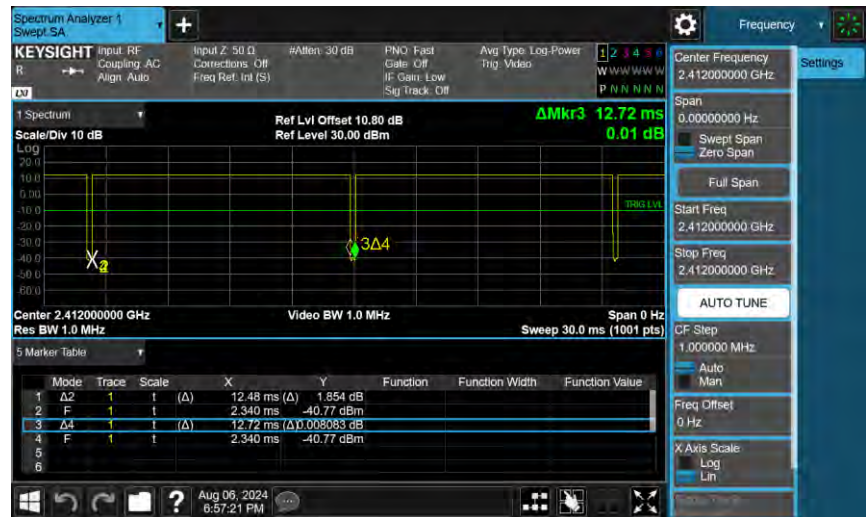


## Appendix B. Test Plots

### Duty cycle

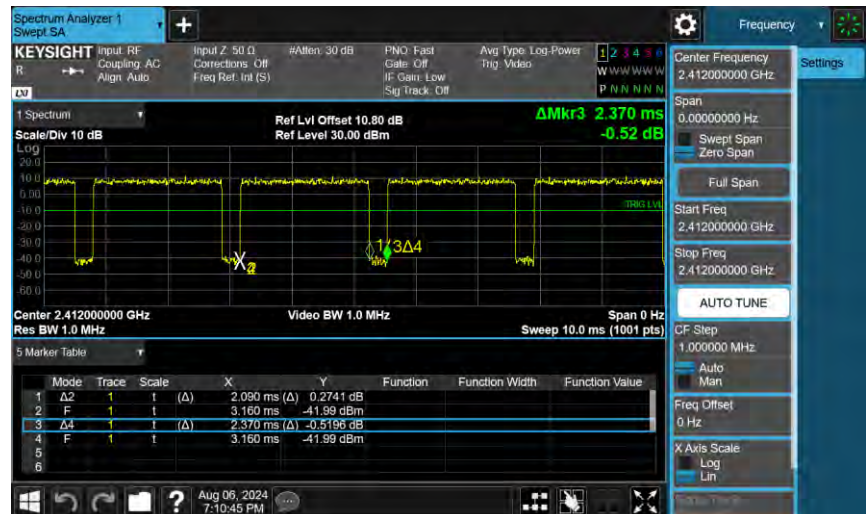
802.11b

On+off time



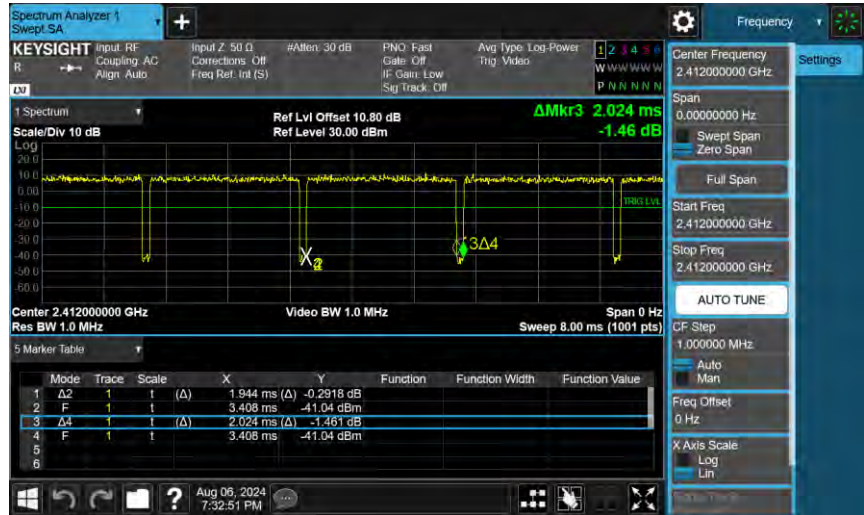
802.11g

On+off time



802.11n HT20

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



2417 MHz



2422 MHz



802.11g\_ANT-0

2427 MHz



2432 MHz



2437 MHz





802.11g\_ANT-0

2447 MHz



2452 MHz



2457 MHz



802.11g\_ANT-0

2462 MHz

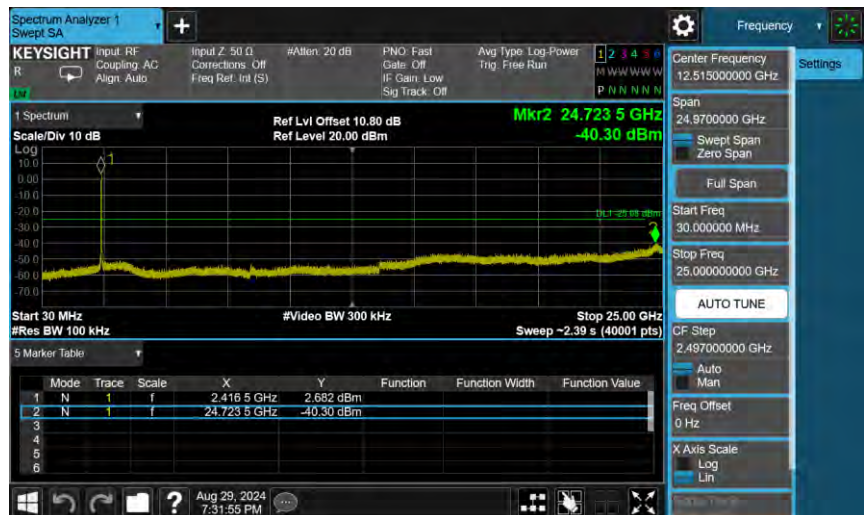


802.11n HT20\_ANT-0

2412 MHz



2417 MHz



2422 MHz





802.11n HT20\_ANT-0

2427 MHz



2437 MHz



2452 MHz



802.11n HT20\_ANT-0

2457 MHz



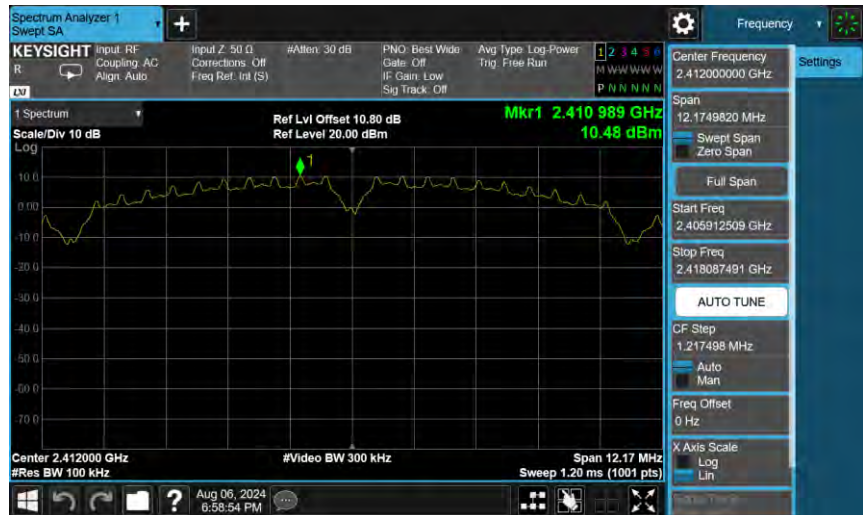
2462 MHz



Reference level

802.11b\_ANT-0

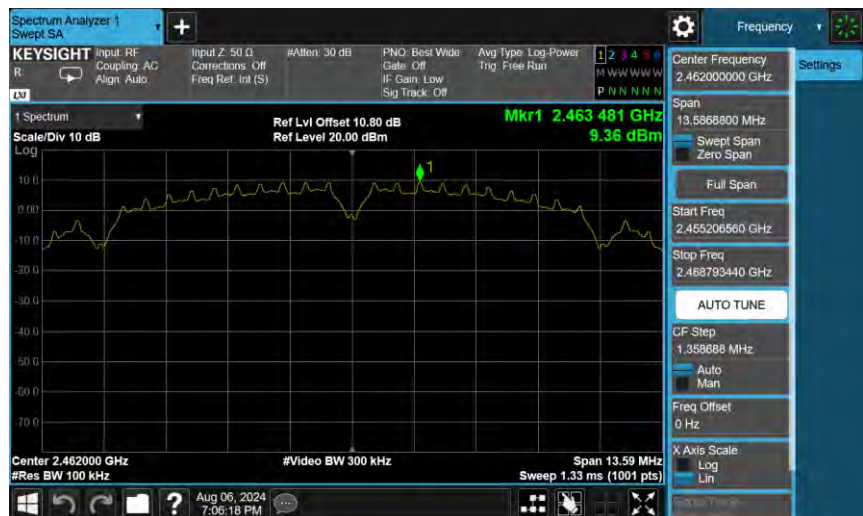
2412 MHz



2437 MHz



2462 MHz



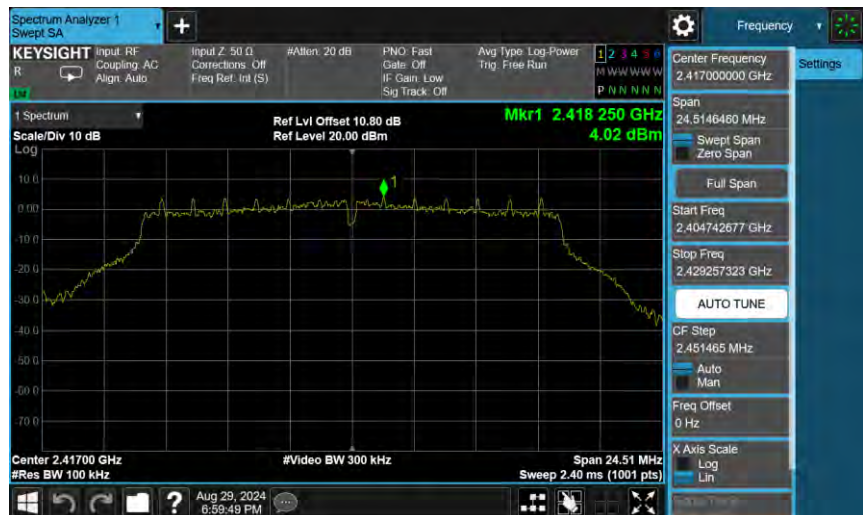


802.11g\_ANT-0

2412 MHz



2417 MHz



2422 MHz



802.11g\_ANT-0

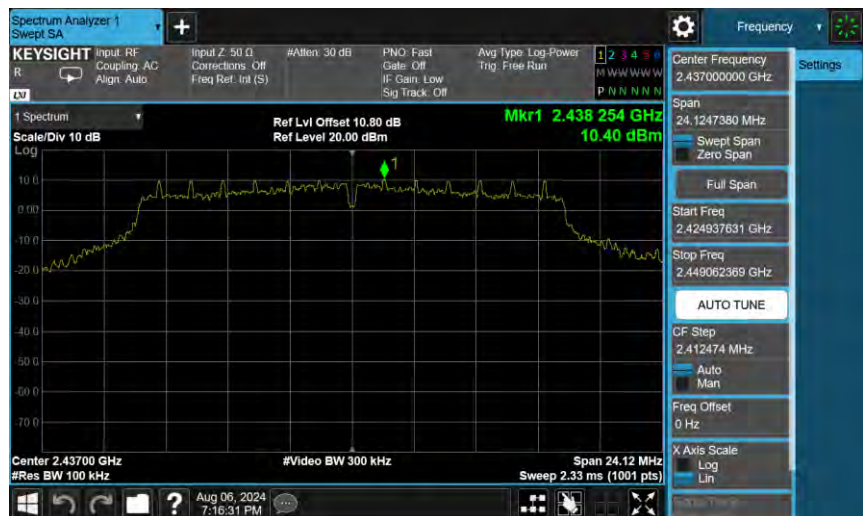
2427 MHz



2432 MHz



2437 MHz



802.11g\_ANT-0

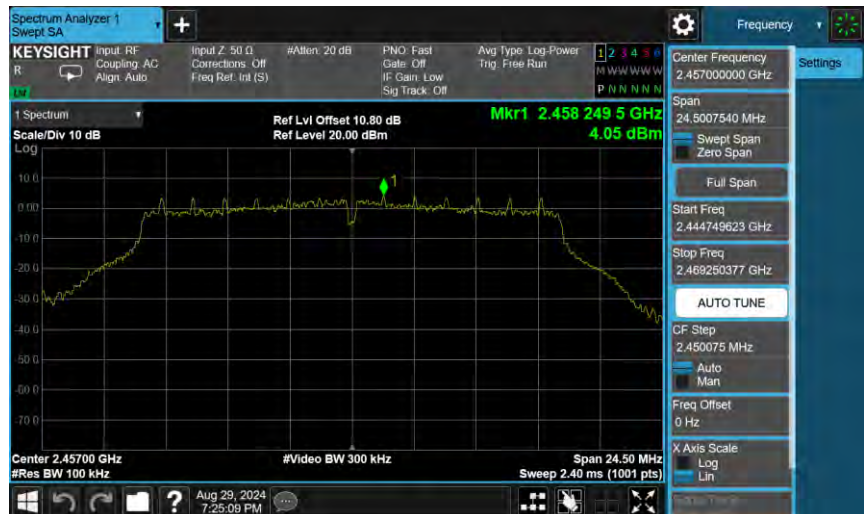
2447 MHz



2452 MHz



2457 MHz





802.11g\_ANT-0

2462 MHz



802.11n HT20\_ANT-0

2412 MHz



2417 MHz



2422 MHz

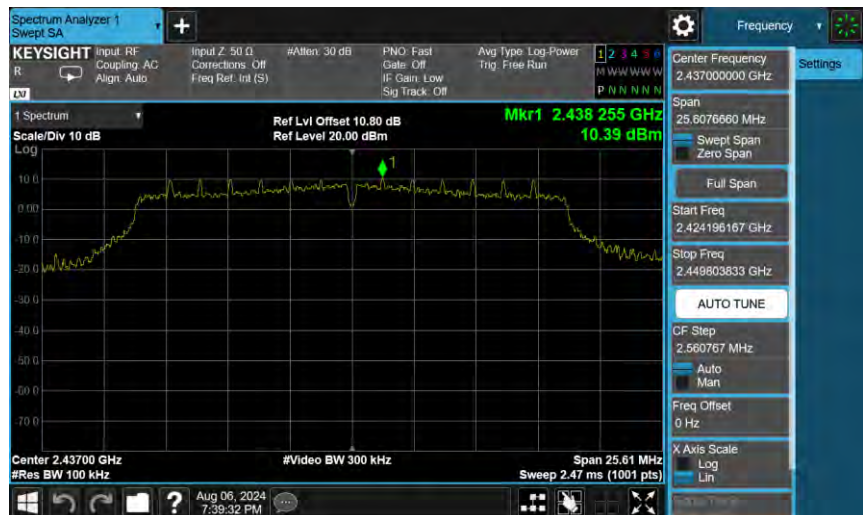


## 802.11n HT20\_ANT-0

2427 MHz



2437 MHz



2452 MHz





802.11n HT20\_ANT-0

2457 MHz



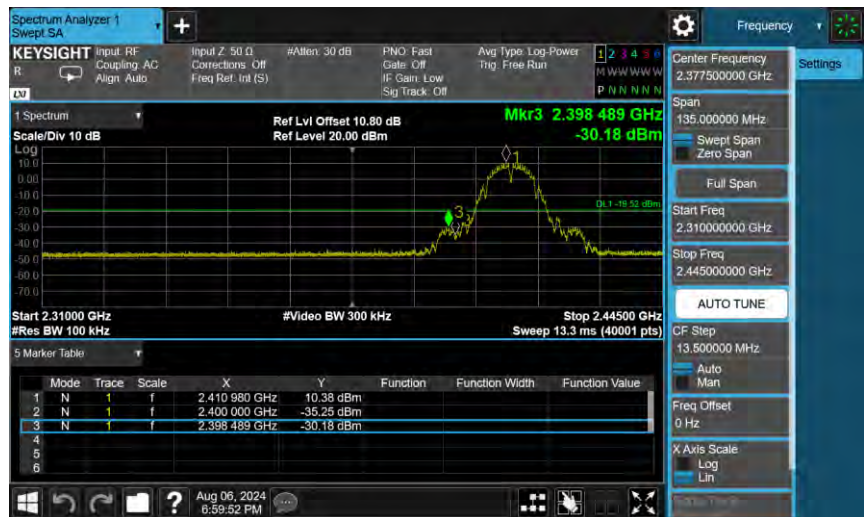
2462 MHz



# Conducted Band Edge

802.11b\_ANT-0

2412 MHz

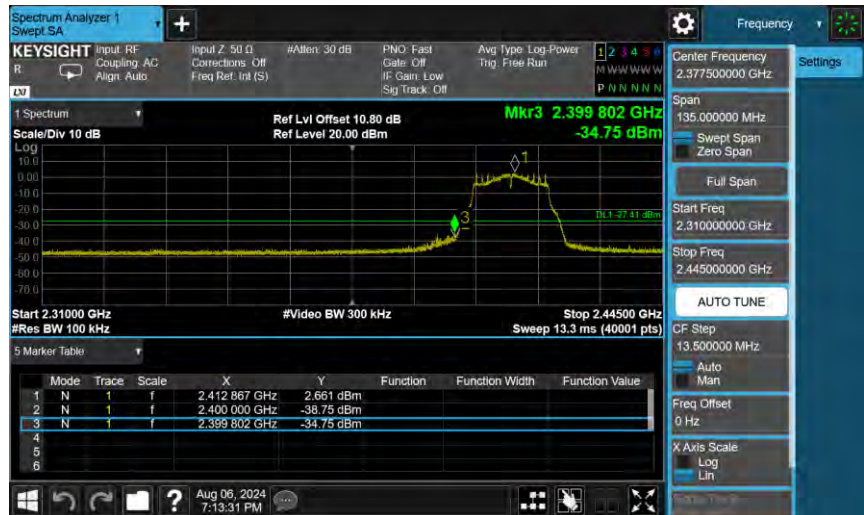


2462 MHz

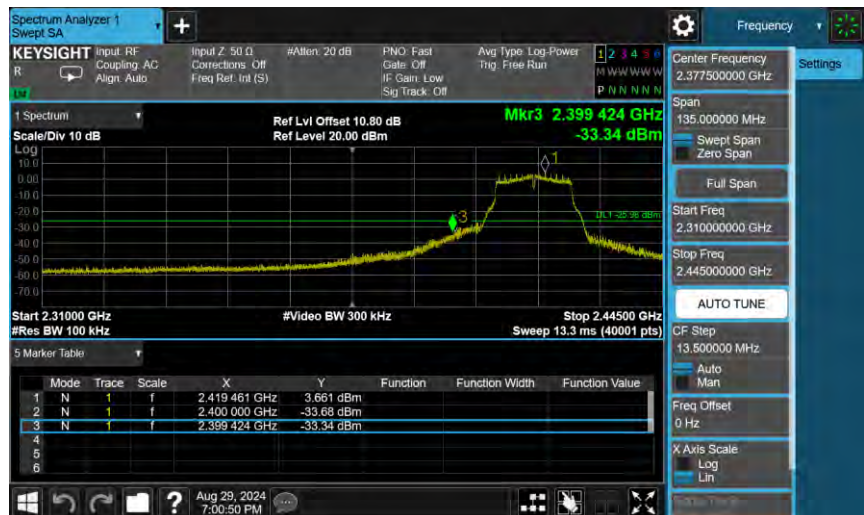


802.11g\_ANT-0

2412 MHz



2417 MHz



2422 MHz





802.11g\_ANT-0

2427 MHz



2432 MHz



2447 MHz



802.11g\_ANT-0

2452 MHz



2457 MHz



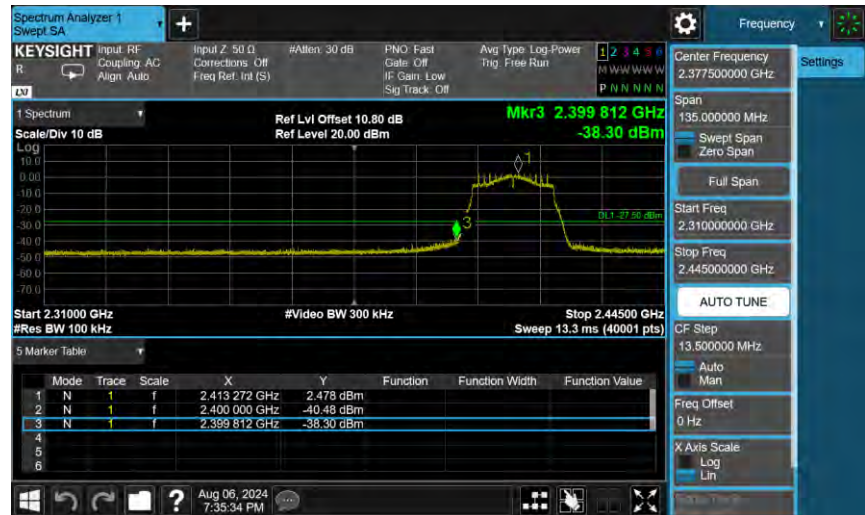
2462 MHz



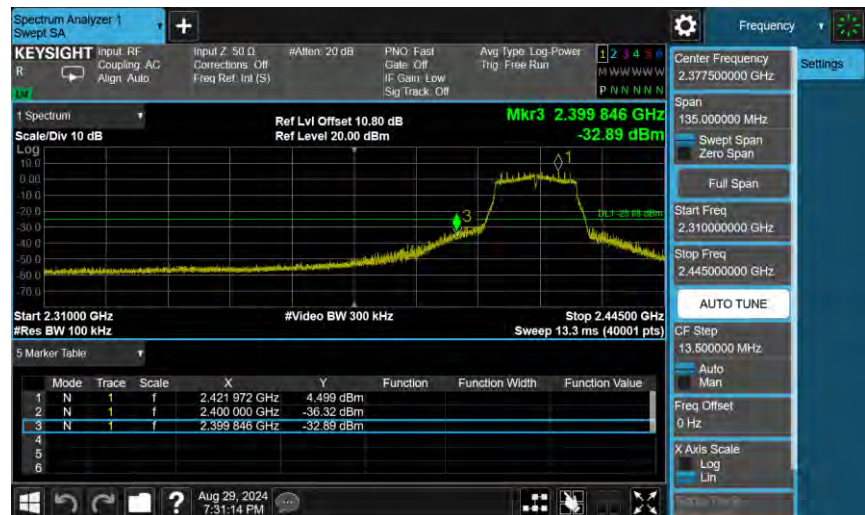


802.11n HT20\_ANT-0

2412 MHz



2417 MHz



2422 MHz





802.11n HT20\_ANT-0

2427 MHz



2452 MHz



2457 MHz



802.11n HT20\_ANT-0

2462 MHz



6 dB Bandwidth

802.11b\_ANT-0

2412 MHz



2437 MHz



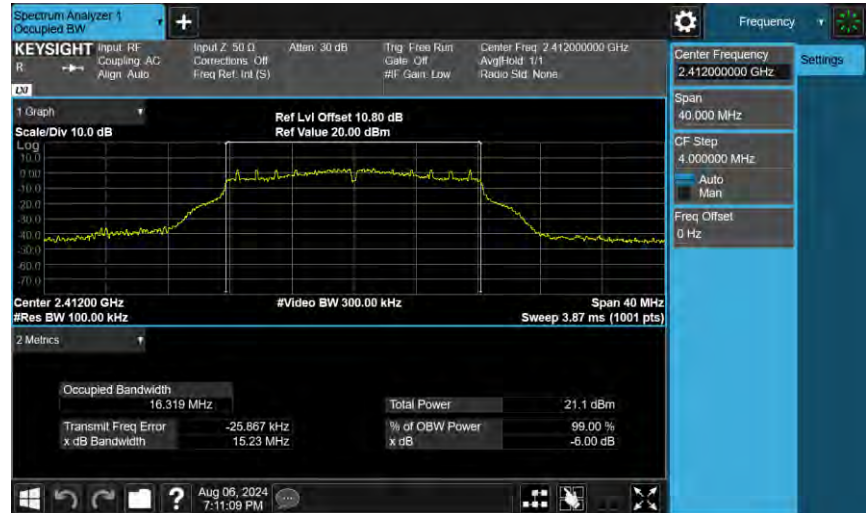
2462 MHz





802.11g\_ANT-0

2412 MHz



2417 MHz



2422 MHz



802.11g\_ANT-0

2427 MHz



2432 MHz



2437 MHz



802.11g\_ANT-0

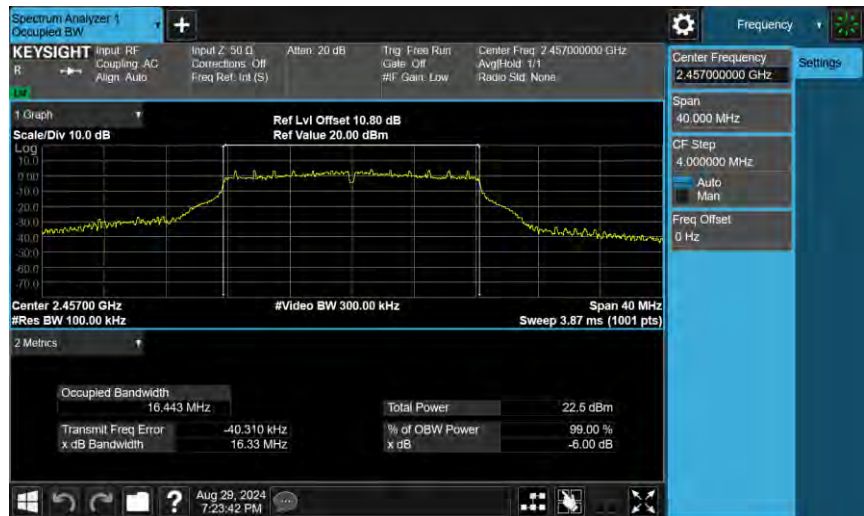
2447 MHz



2452 MHz



2457 MHz





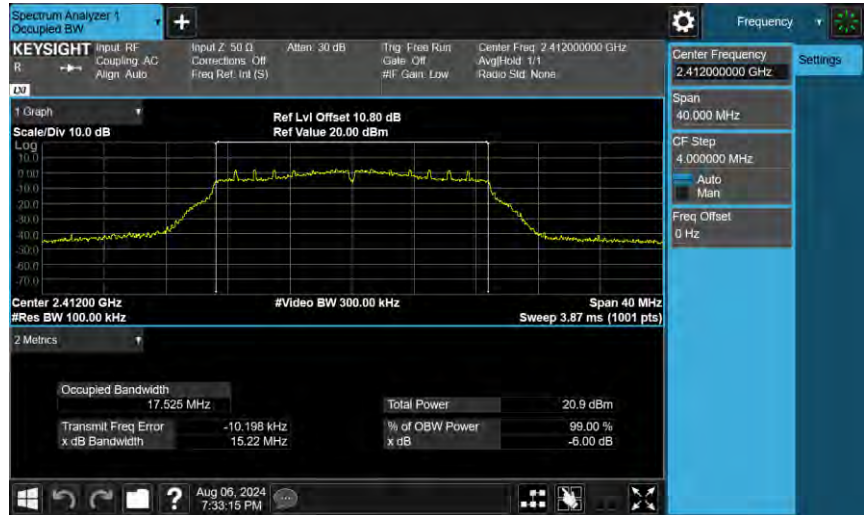
802.11g\_ANT-0

2462 MHz



802.11n HT20\_ANT-0

2412 MHz



2417 MHz



2422 MHz



802.11n HT20\_ANT-0

2427 MHz



2437 MHz



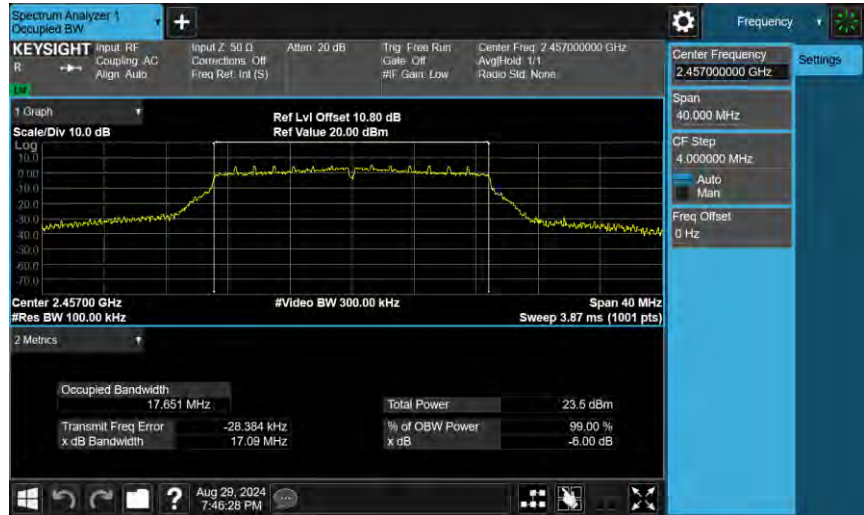
2452 MHz



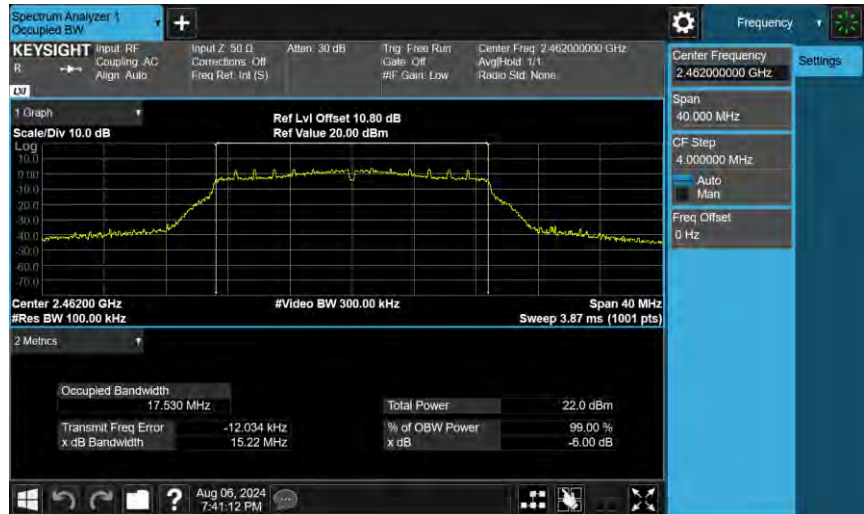


802.11n HT20\_ANT-0

2457 MHz



2462 MHz



99% Occupied Bandwidth

802.11b\_ANT-0

2412 MHz



2437 MHz



2462 MHz



802.11g\_ANT-0

2412 MHz



2417 MHz



2422 MHz





802.11g\_ANT-0

2427 MHz



2432 MHz



2437 MHz



802.11g\_ANT-0

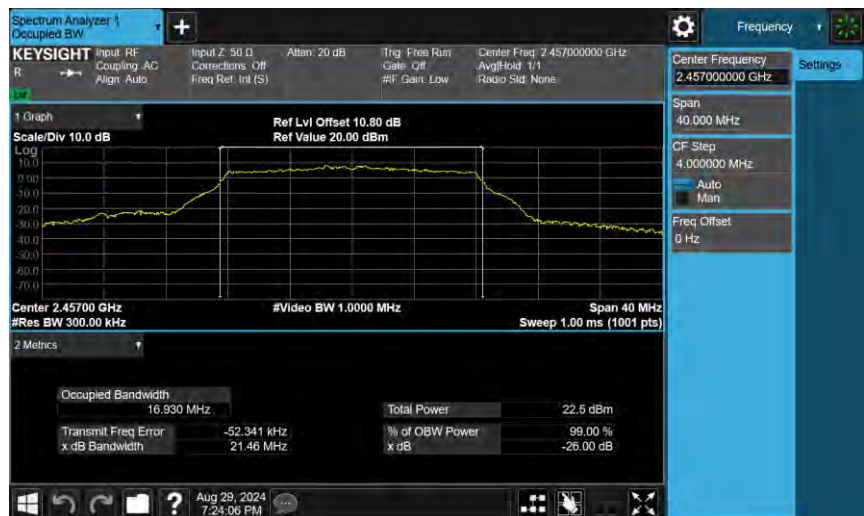
2447 MHz



2452 MHz



2457 MHz



802.11g\_ANT-0

2462 MHz





802.11n HT20\_ANT-0

2412 MHz



2417 MHz



2422 MHz



802.11n HT20\_ANT-0

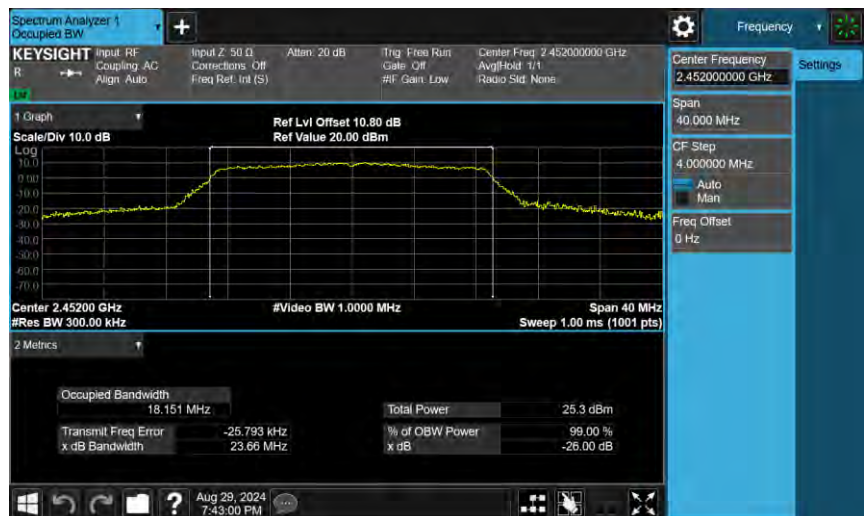
2427 MHz



2437 MHz



2452 MHz



802.11n HT20\_ANT-0

2457 MHz



2462 MHz





# Maximum Power Spectral Density

802.11b\_ANT-0

2412 MHz



2437 MHz

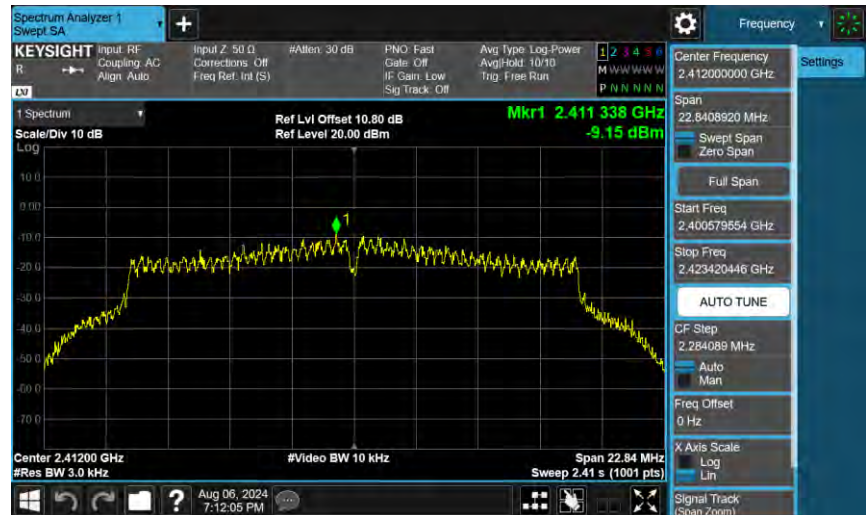


2462 MHz



802.11g\_ANT-0

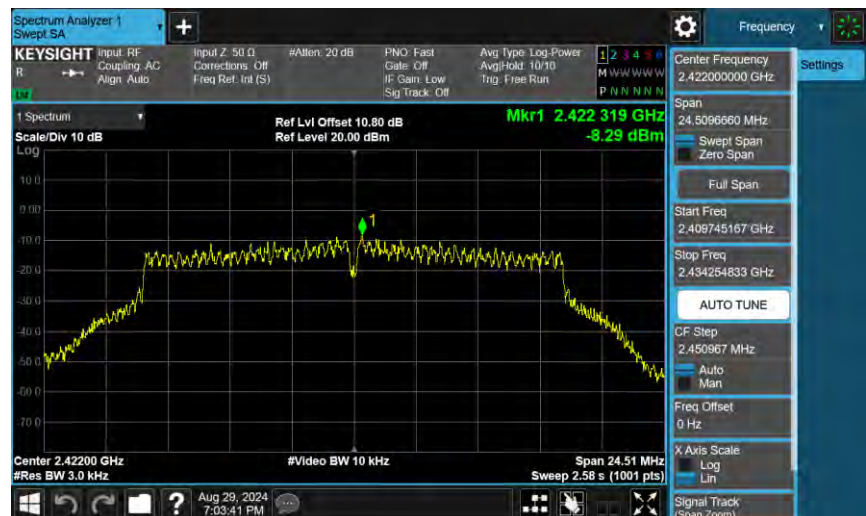
2412 MHz



2417 MHz



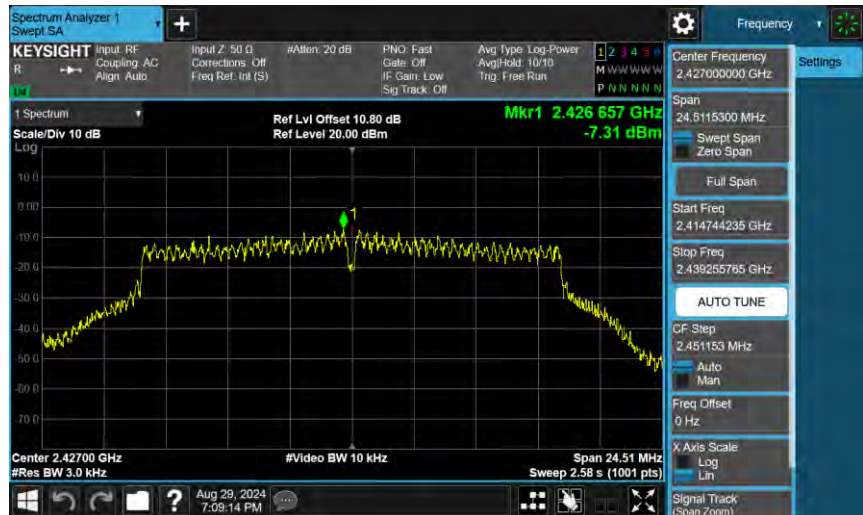
2422 MHz



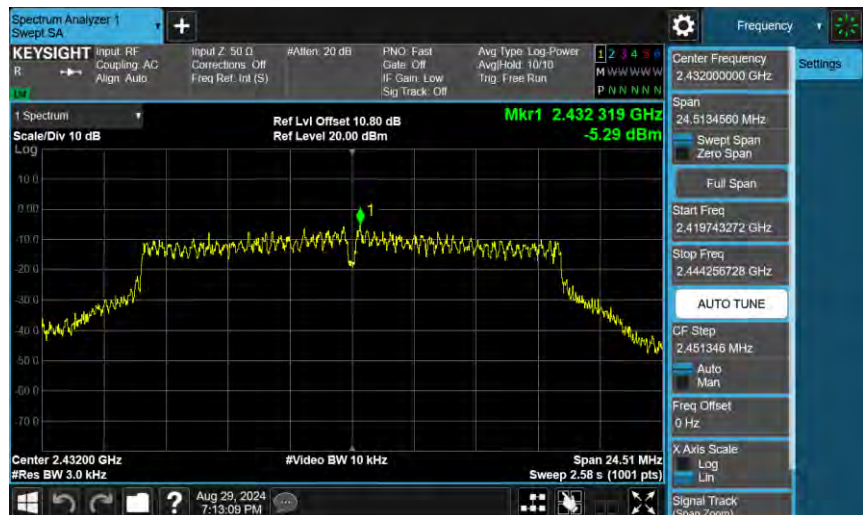


802.11g\_ANT-0

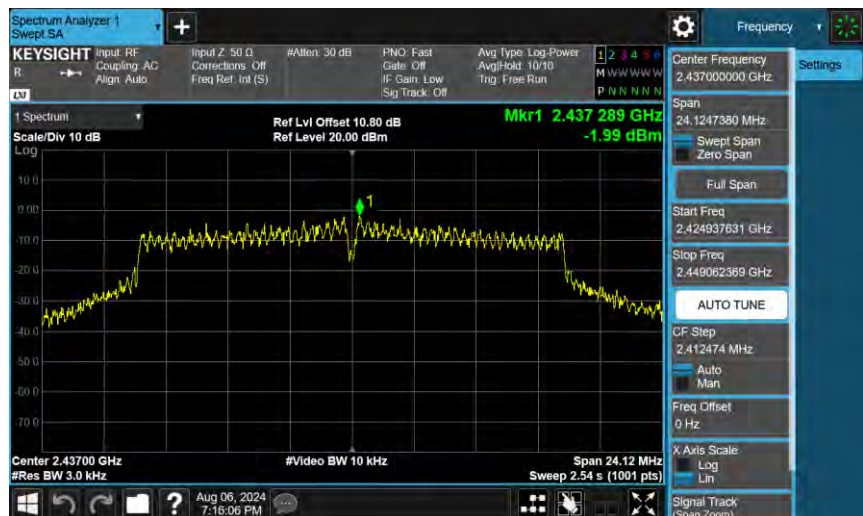
2427 MHz



2432 MHz



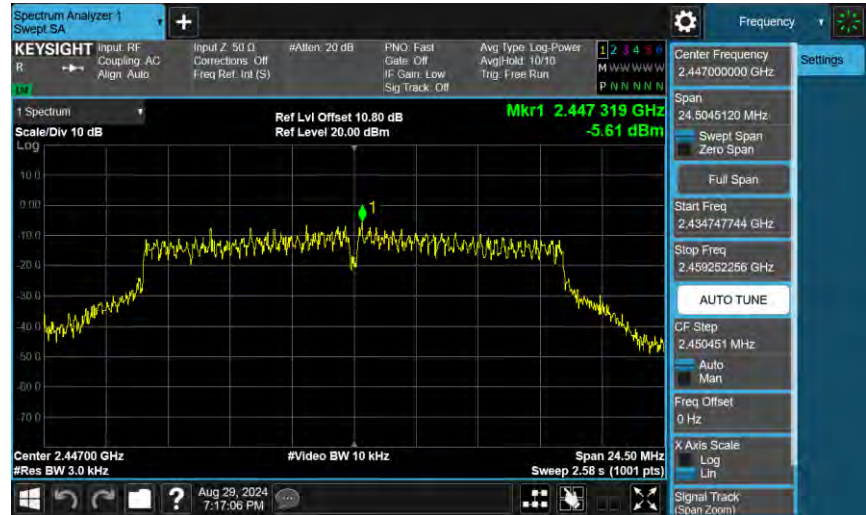
2437 MHz





802.11g\_ANT-0

2447 MHz



2452 MHz



2457 MHz



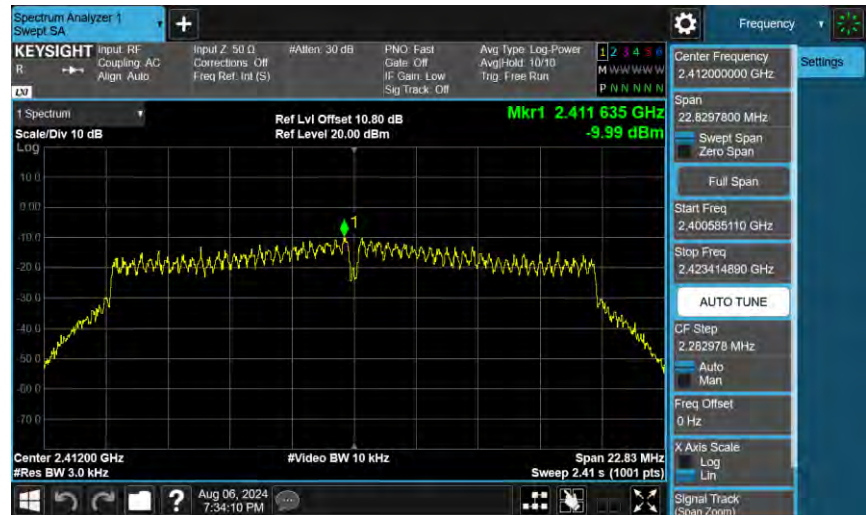
802.11g\_ANT-0

2462 MHz

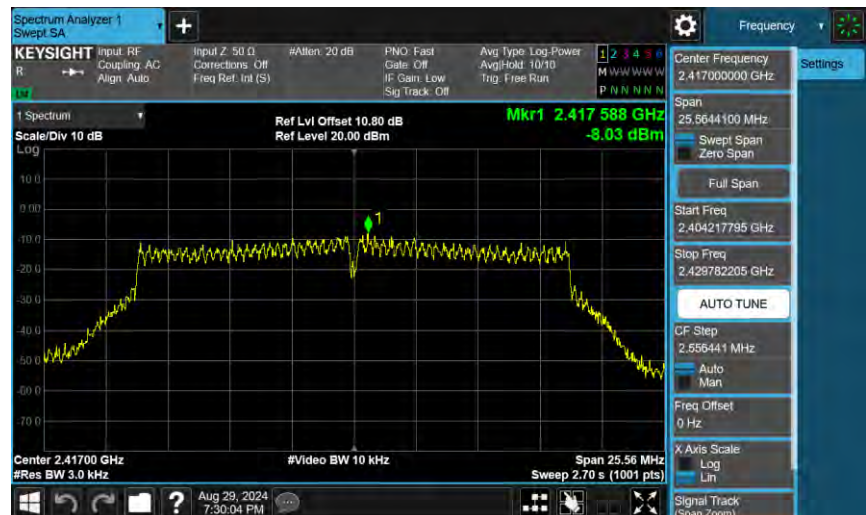


802.11n HT20\_ANT-0

2412 MHz



2417 MHz



2422 MHz





802.11n HT20\_ANT-0

2427 MHz



2437 MHz



2452 MHz



802.11n HT20\_ANT-0

2457 MHz



2462 MHz

