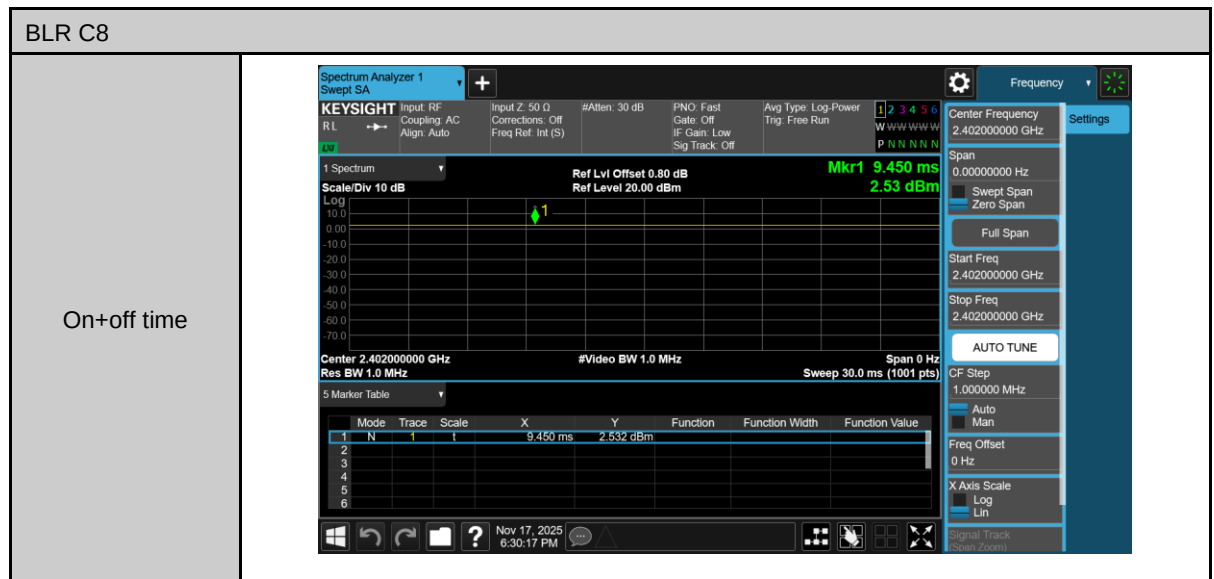
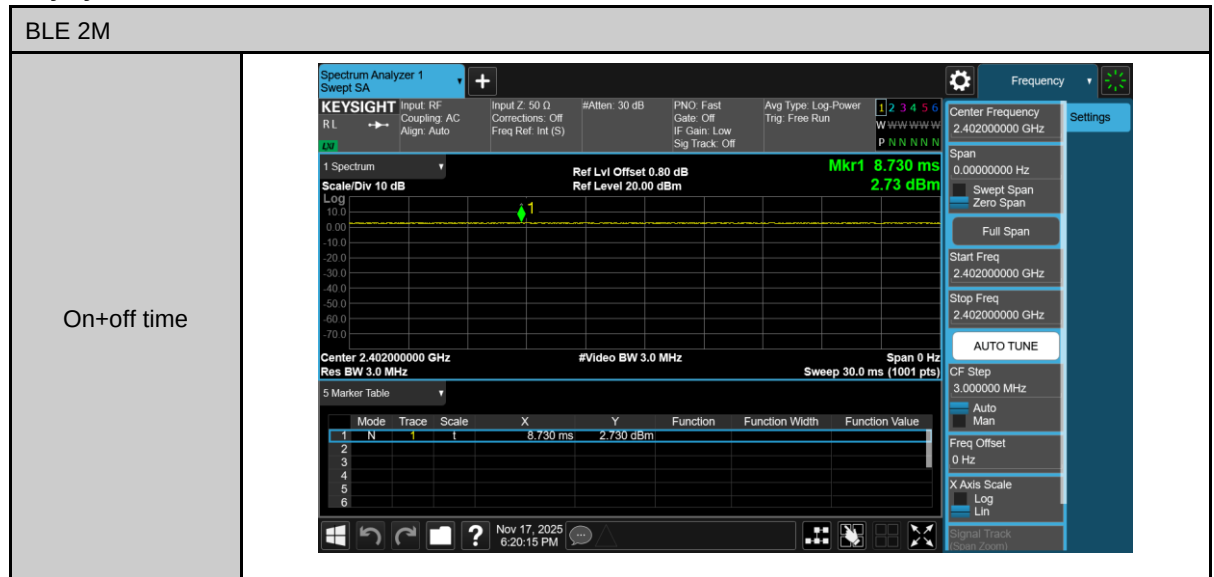


## Appendix B. Test Plots

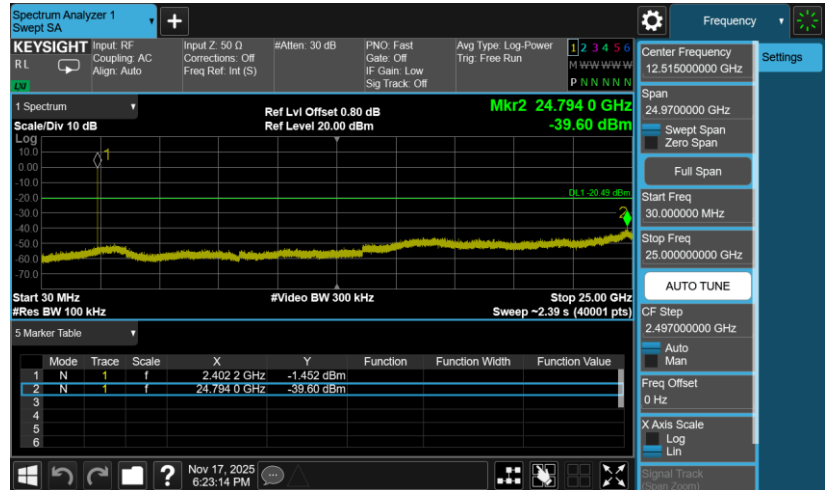
### Duty cycle



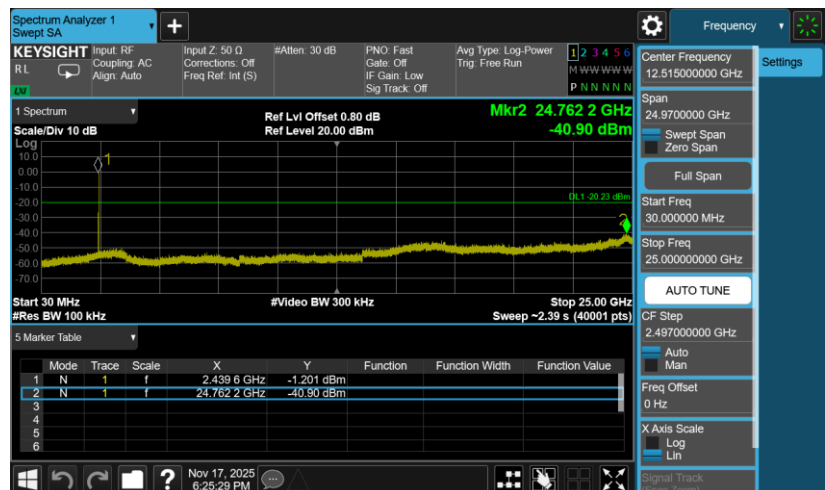
## Out of Band Conducted Spurious Emission

BLE 2M

Low ch



Mid ch

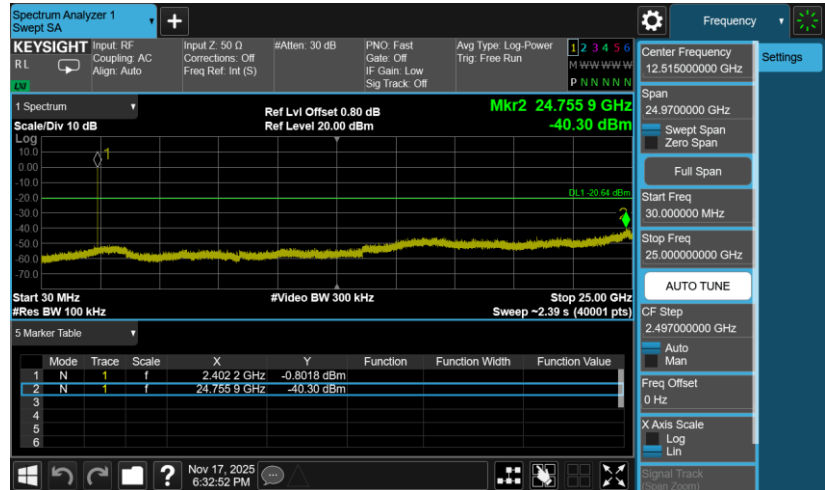


High ch

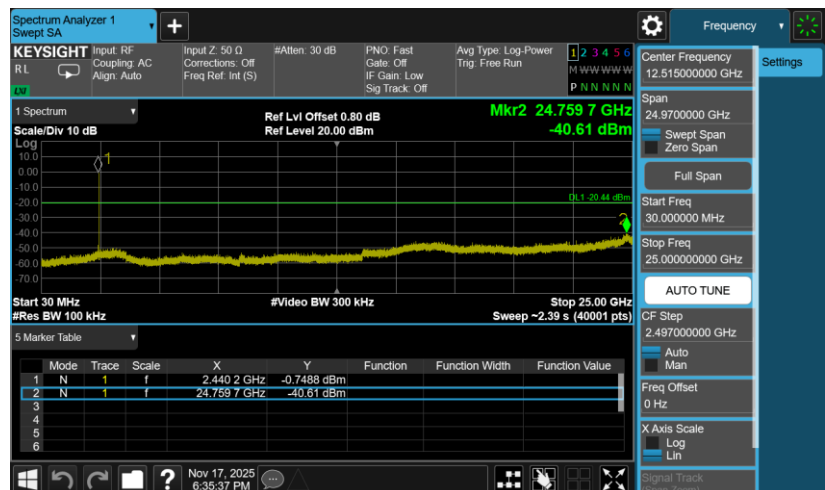


BLR C8

Low ch



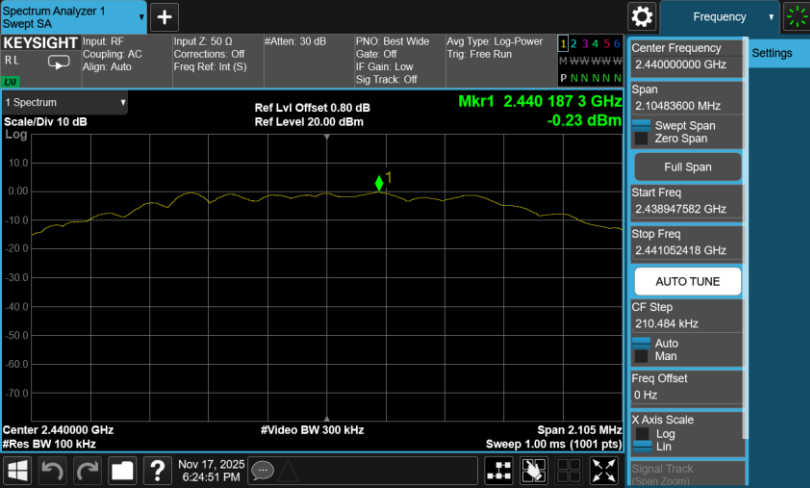
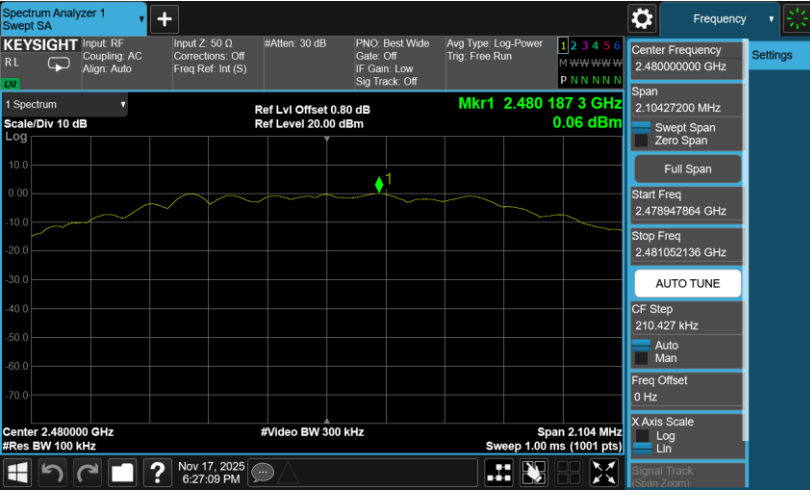
Mid ch

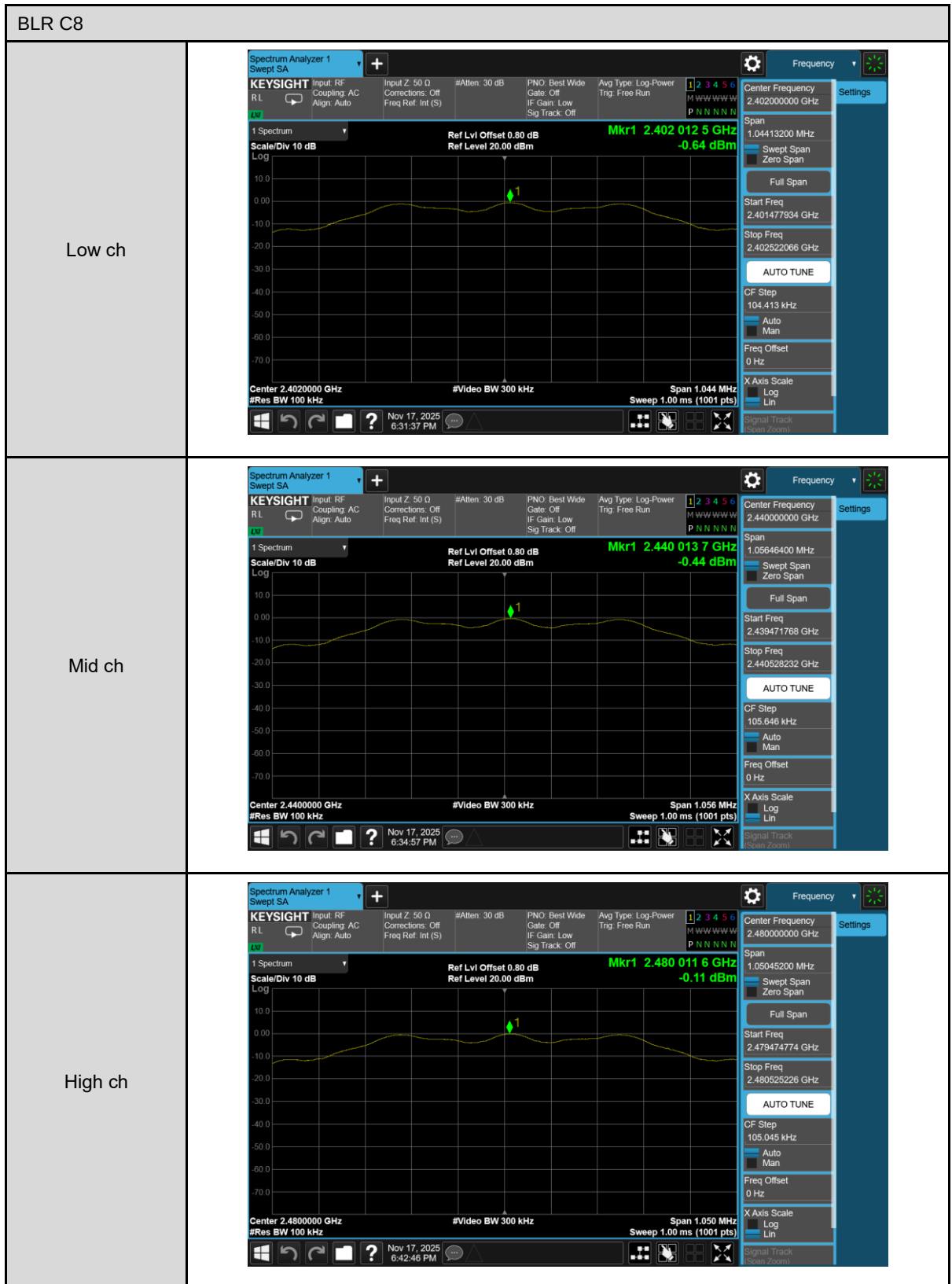


High ch



Reference level

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>BLE 2M</p> <p>Low ch</p> |  <p>Keysight Spectrum Analyzer 1 Swept SA. Input: RF, Coupling: AC, Align: Auto. Input Z: 50 Ω, Corrections: Off, Freq Ref: Int (S). #Atten: 30 dB, IPNO: Best Wide, Gate: Off, IF Gain: Low, Sig Track: Off. Avg Type: Log-Power, Trg: Free Run. Center Frequency: 2.40200000 GHz, Span: 2.09073400 MHz, Sweep Span: Zero Span, Full Span. Start Freq: 2.400954633 GHz, Stop Freq: 2.403045367 GHz, AUTO TUNE. CF Step: 209.073 kHz, Auto, Man. Freq Offset: 0 Hz, X Axis Scale: Log, Lin. Signal Track: Span Zoom.</p>   |
| <p>Mid ch</p>               |  <p>Keysight Spectrum Analyzer 1 Swept SA. Input: RF, Coupling: AC, Align: Auto. Input Z: 50 Ω, Corrections: Off, Freq Ref: Int (S). #Atten: 30 dB, IPNO: Best Wide, Gate: Off, IF Gain: Low, Sig Track: Off. Avg Type: Log-Power, Trg: Free Run. Center Frequency: 2.44000000 GHz, Span: 2.10483600 MHz, Sweep Span: Zero Span, Full Span. Start Freq: 2.438947582 GHz, Stop Freq: 2.441052418 GHz, AUTO TUNE. CF Step: 210.484 kHz, Auto, Man. Freq Offset: 0 Hz, X Axis Scale: Log, Lin. Signal Track: Span Zoom.</p>  |
| <p>High ch</p>              |  <p>Keysight Spectrum Analyzer 1 Swept SA. Input: RF, Coupling: AC, Align: Auto. Input Z: 50 Ω, Corrections: Off, Freq Ref: Int (S). #Atten: 30 dB, IPNO: Best Wide, Gate: Off, IF Gain: Low, Sig Track: Off. Avg Type: Log-Power, Trg: Free Run. Center Frequency: 2.48000000 GHz, Span: 2.10427200 MHz, Sweep Span: Zero Span, Full Span. Start Freq: 2.478947864 GHz, Stop Freq: 2.481052136 GHz, AUTO TUNE. CF Step: 210.427 kHz, Auto, Man. Freq Offset: 0 Hz, X Axis Scale: Log, Lin. Signal Track: Span Zoom.</p> |

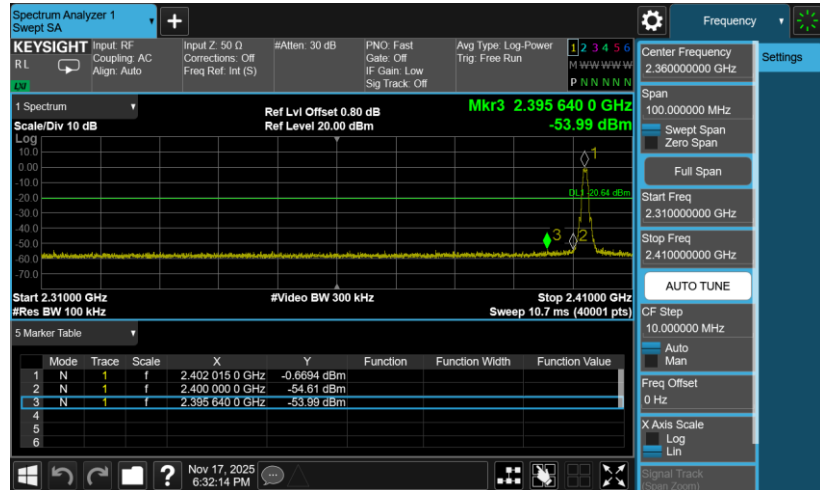


## Conducted Band Edge

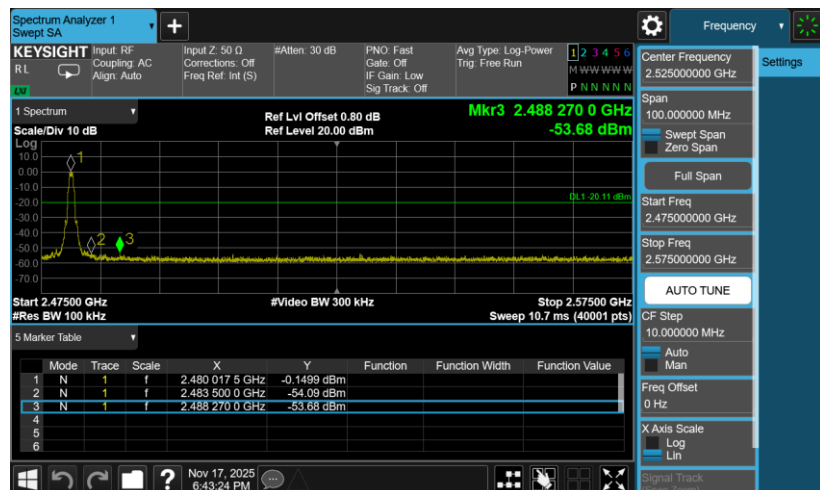


BLR C8

Low ch



High ch



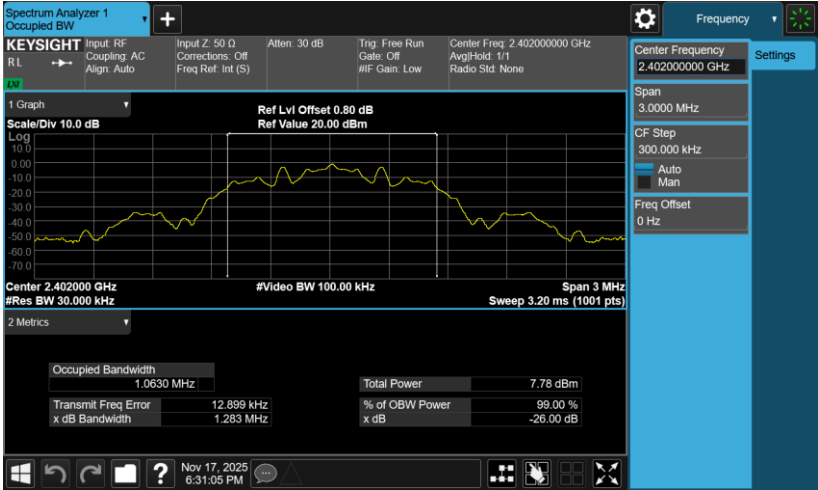
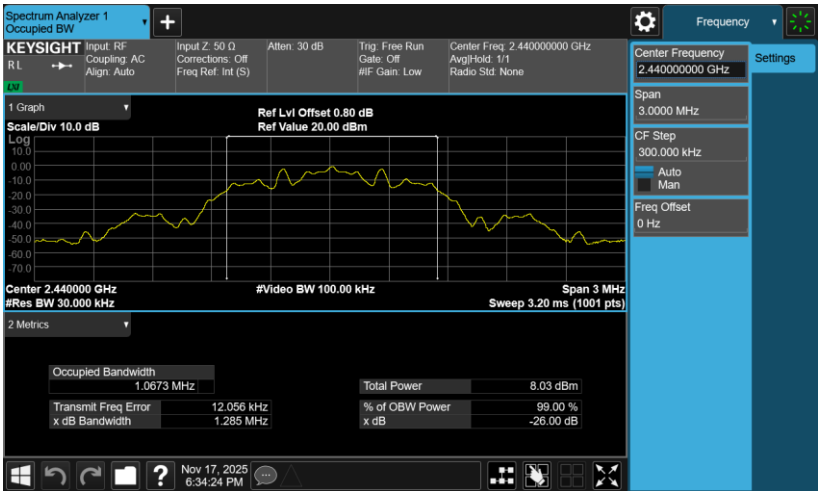
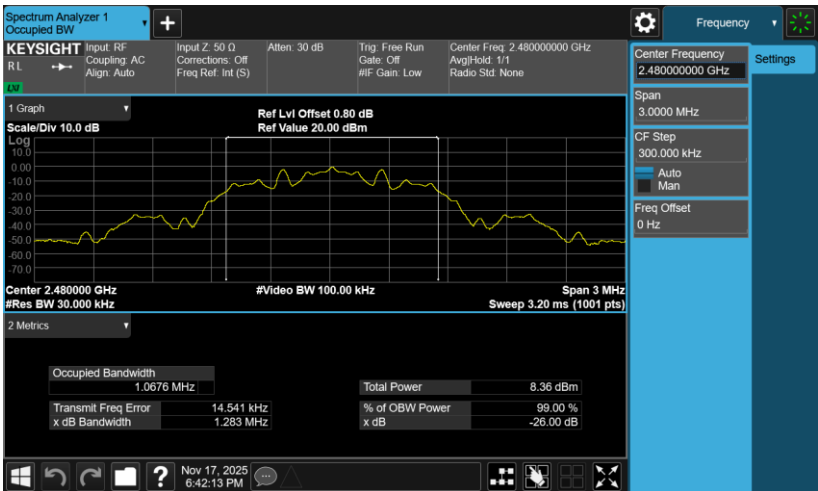
## 6 dB Bandwidth

|                             |                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------|
| <p>BLE 2M</p> <p>Low ch</p> |    |
| <p>Mid ch</p>               |   |
| <p>High ch</p>              |  |

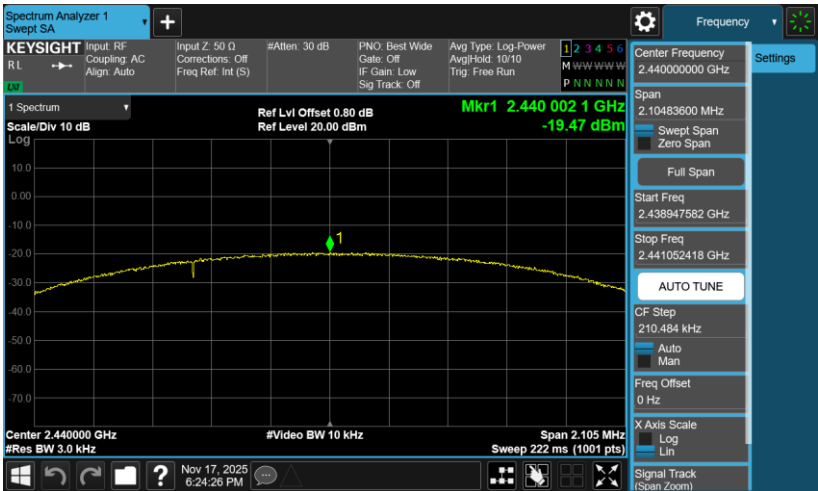
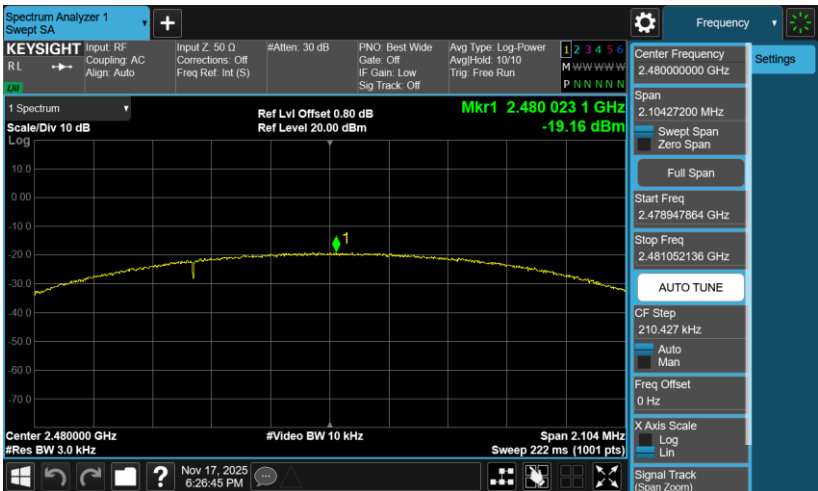
|                             |                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------|
| <p>BLR C8</p> <p>Low ch</p> |    |
| <p>Mid ch</p>               |   |
| <p>High ch</p>              |  |

## 99 % Occupied Bandwidth

|                             |                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------|
| <p>BLE 2M</p> <p>Low ch</p> |    |
| <p>Mid ch</p>               |   |
| <p>High ch</p>              |  |

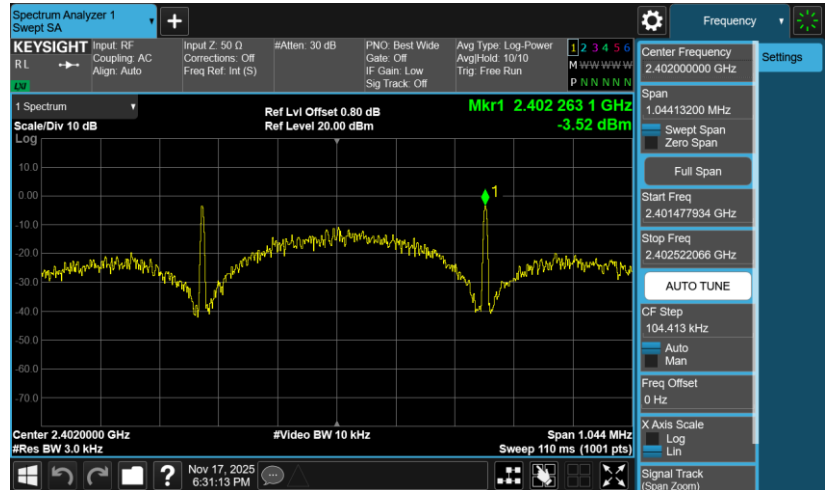
|         |                                                                                                     |
|---------|-----------------------------------------------------------------------------------------------------|
| BLR C8  |  <p>Low ch</p>    |
| Mid ch  |  <p>Mid ch</p>   |
| High ch |  <p>High ch</p> |

## Power Density

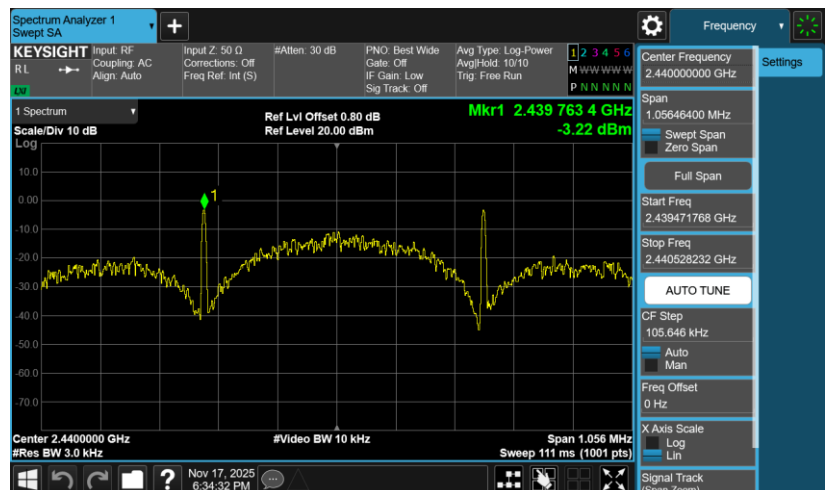
| BLE 2M  |                                                                                      |
|---------|--------------------------------------------------------------------------------------|
| Low ch  |    |
| Mid ch  |   |
| High ch |  |

BLR C8

Low ch



Mid ch



High ch

