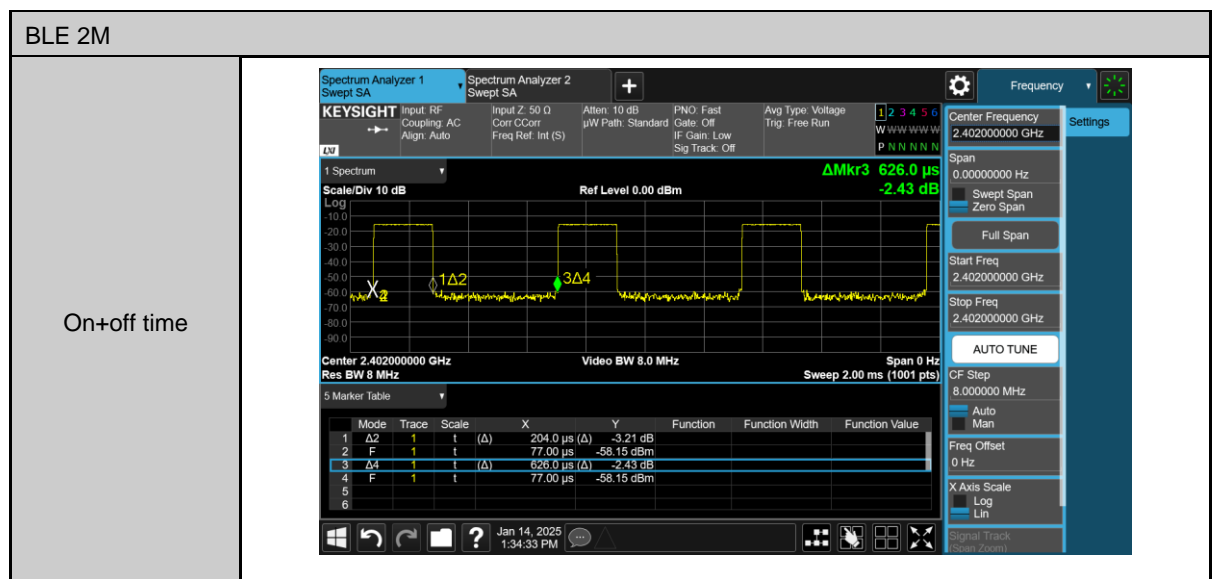
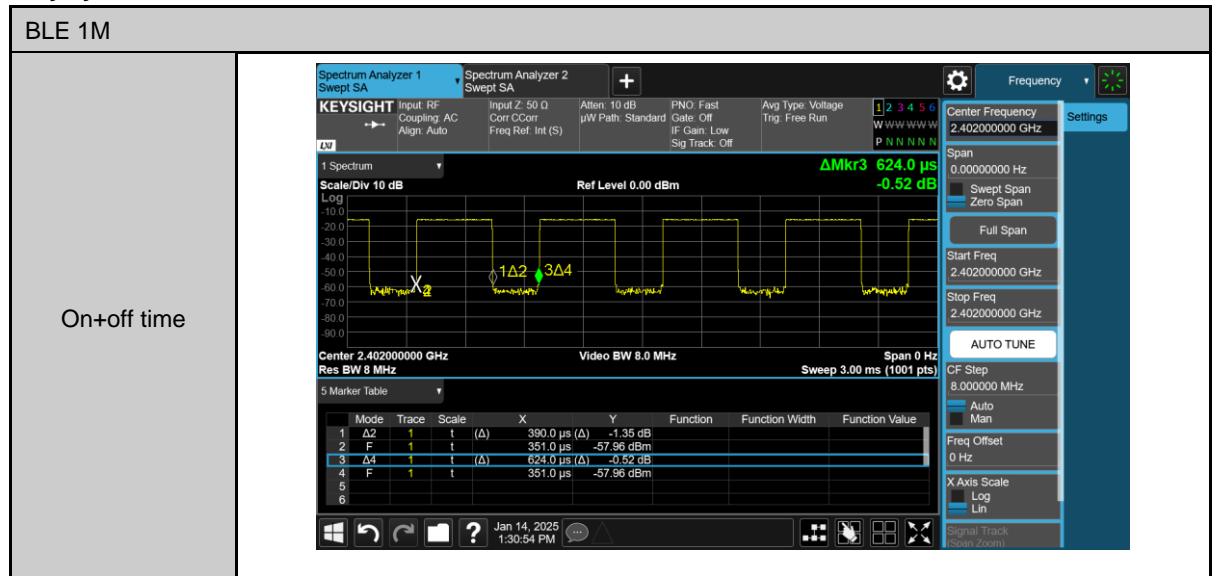


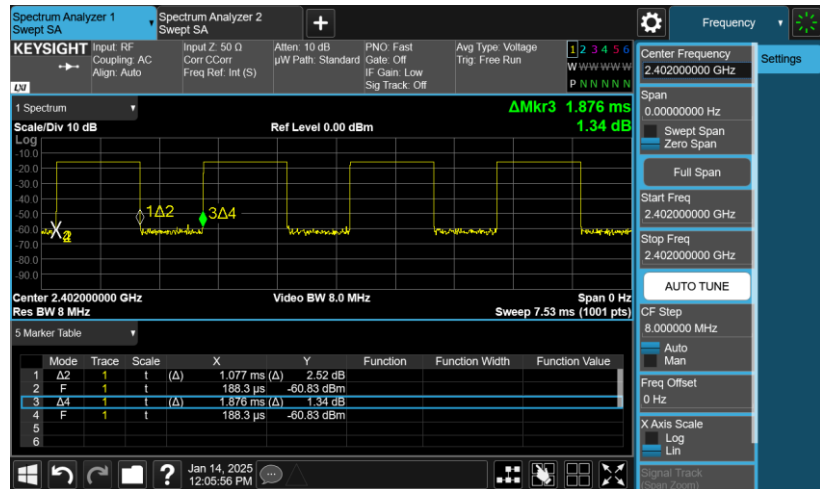
## Appendix B. Test Plots

### Duty cycle



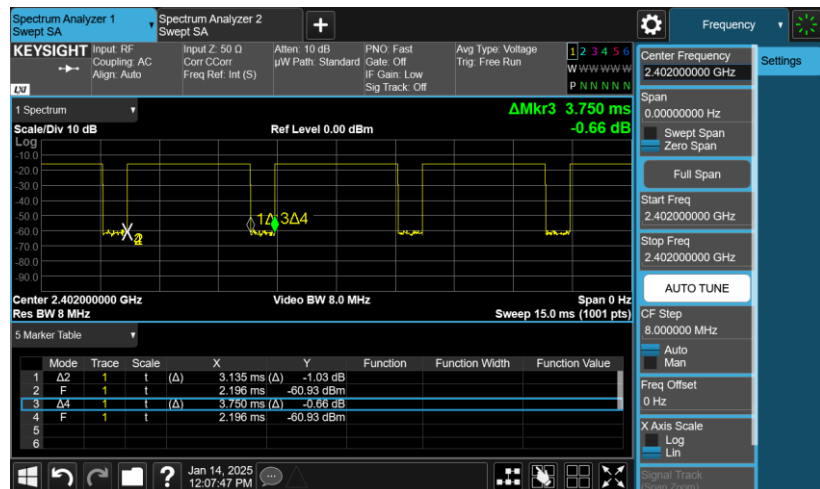
BLR C2

On+off time



BLR C8

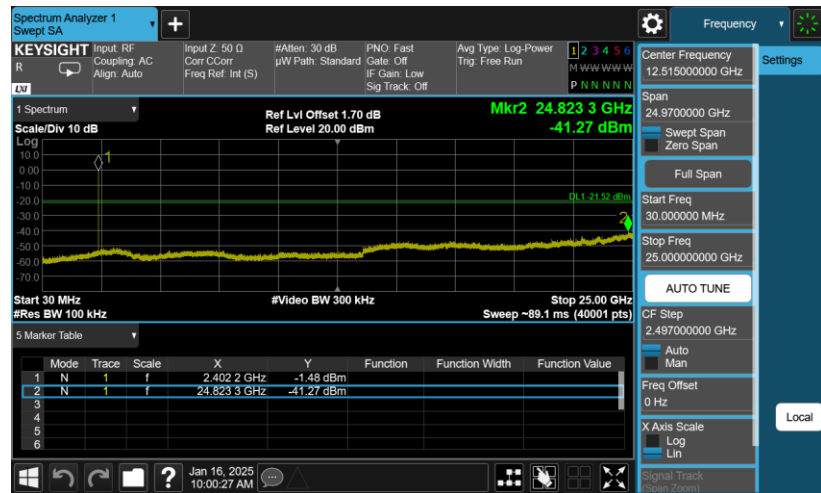
On+off time



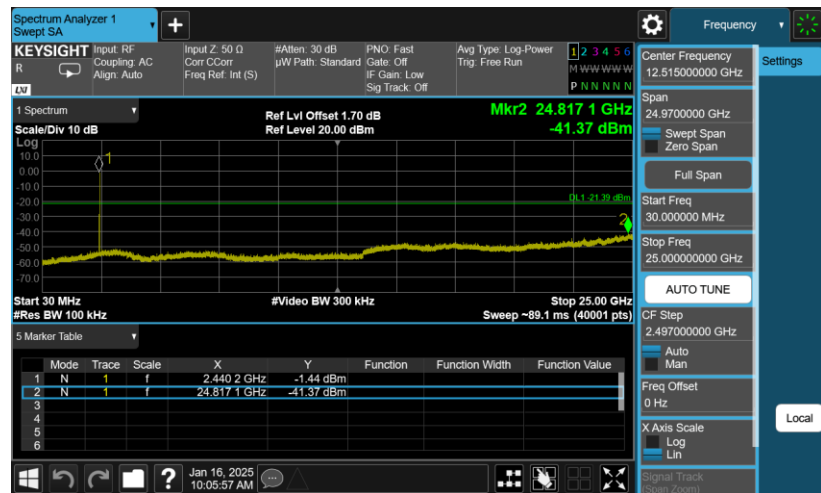
## Out of Band Conducted Spurious Emission

BLE 2M

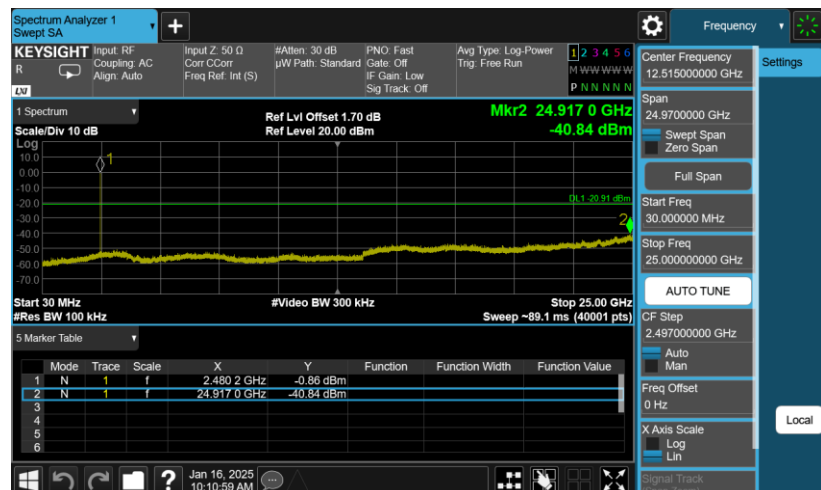
Low ch



Mid ch



High ch

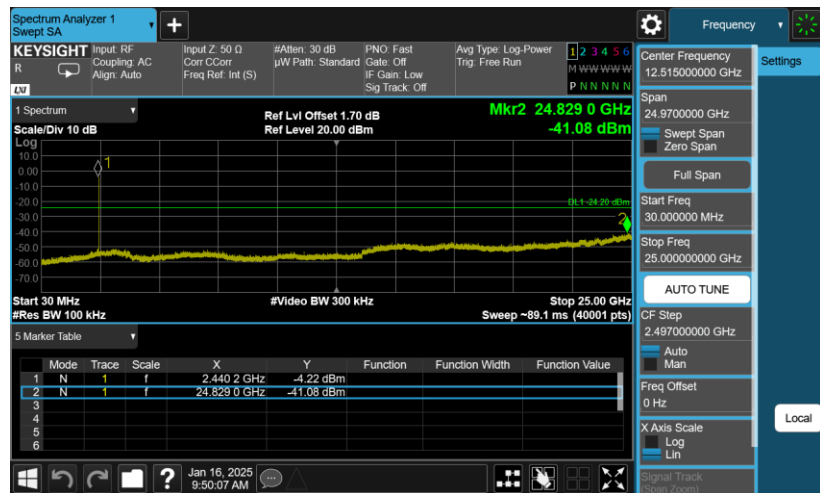


BLR C8

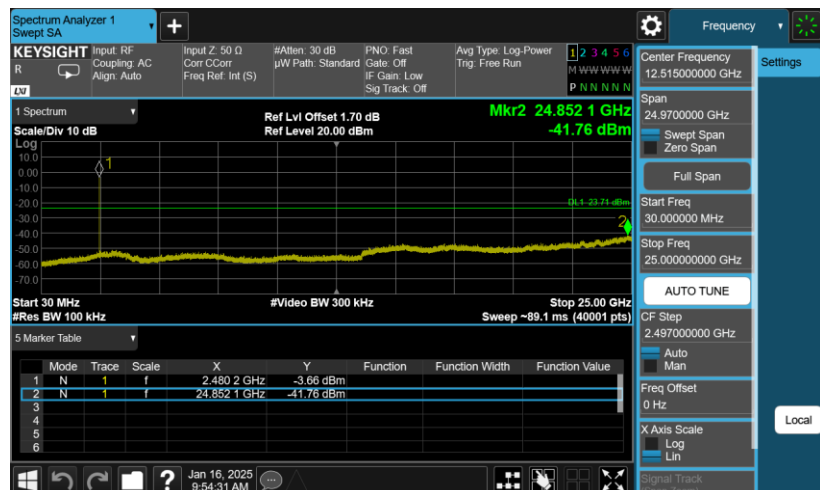
Low ch



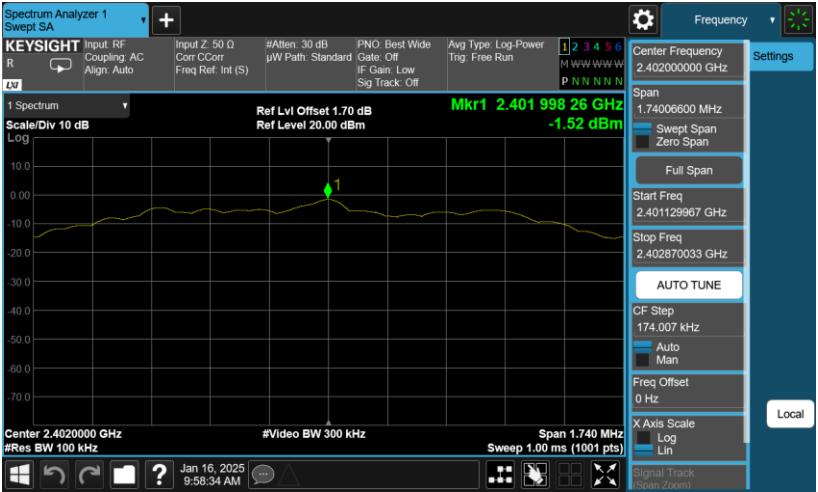
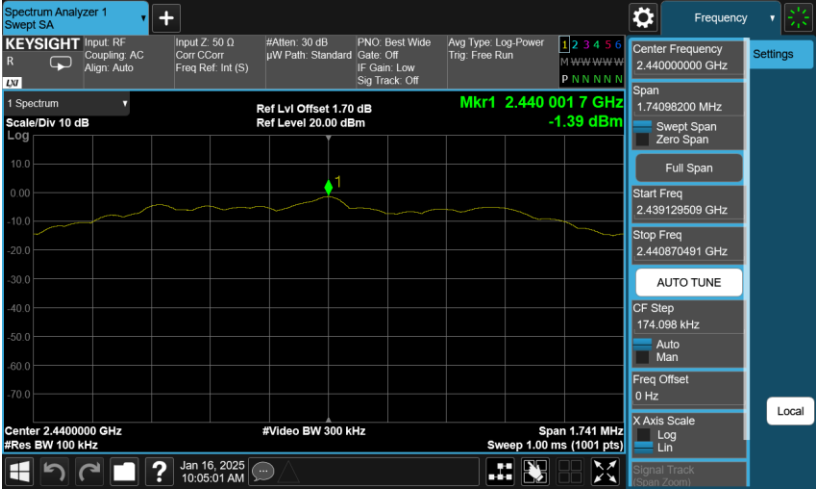

Mid ch



High ch

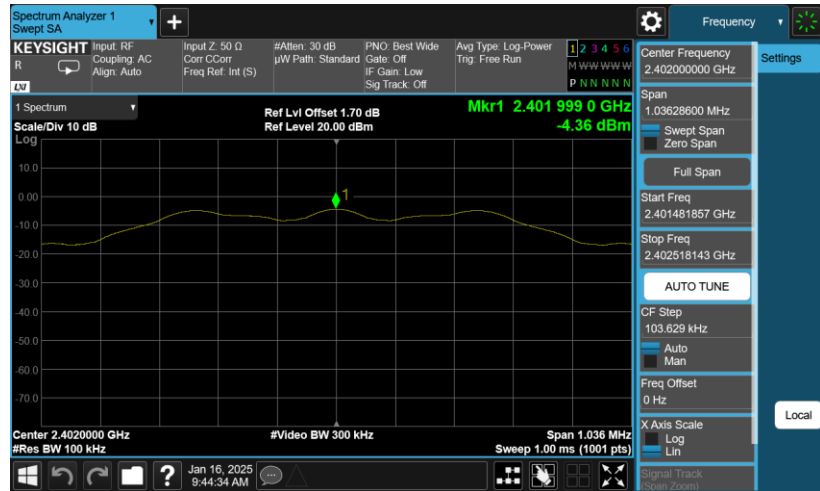


## Reference level

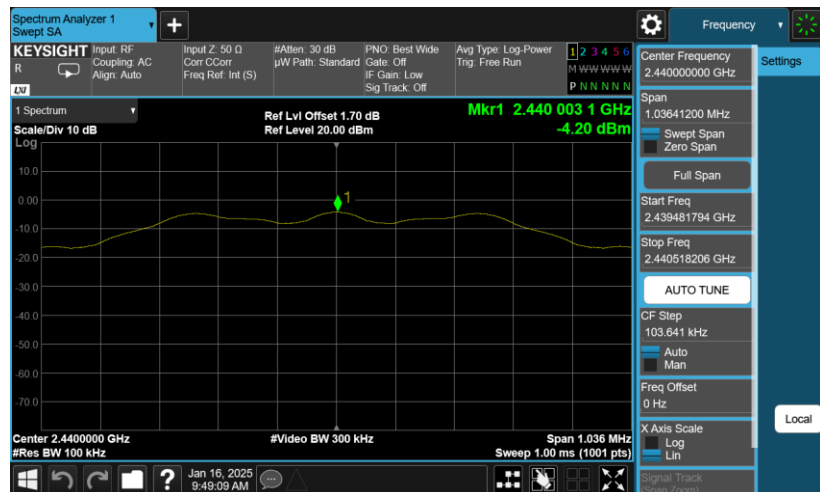
BLE 2M	 <p>Low ch</p>
Mid ch	 <p>Mid ch</p>
High ch	 <p>High ch</p>

BLR C8

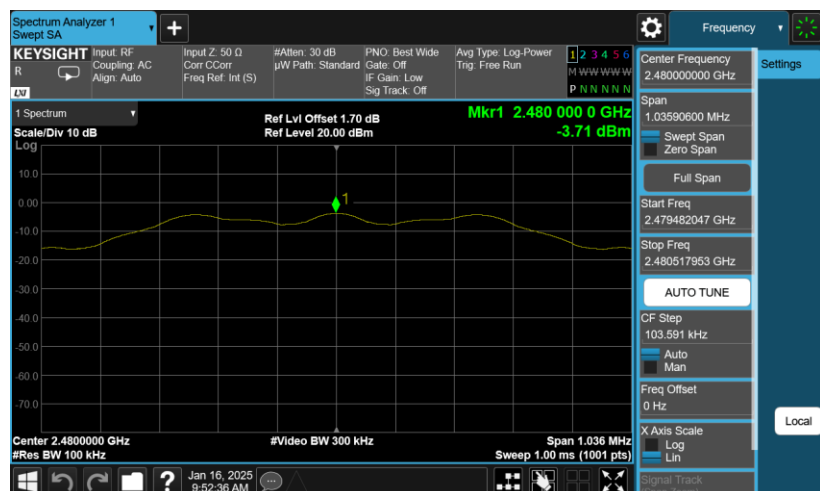
Low ch



Mid ch



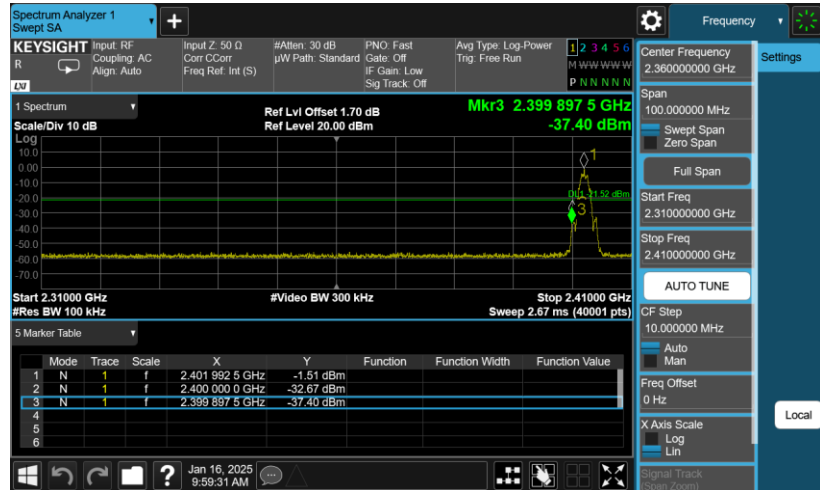
High ch



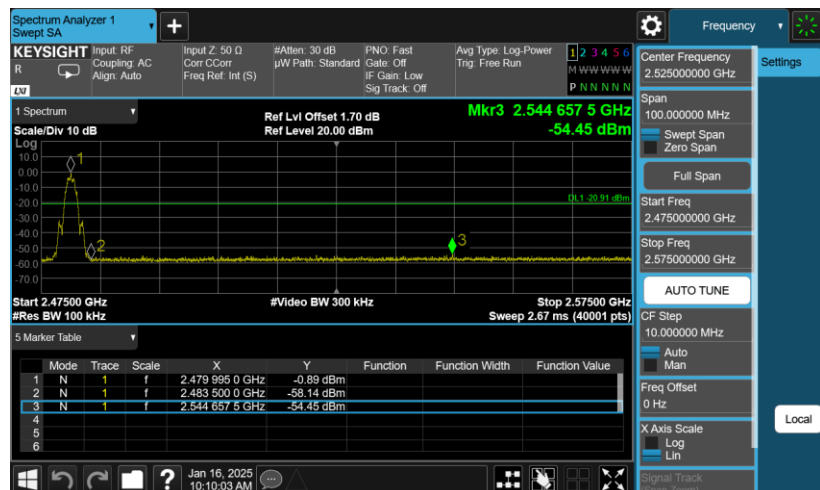
## Conducted Band Edge

BLE 2M

Low ch

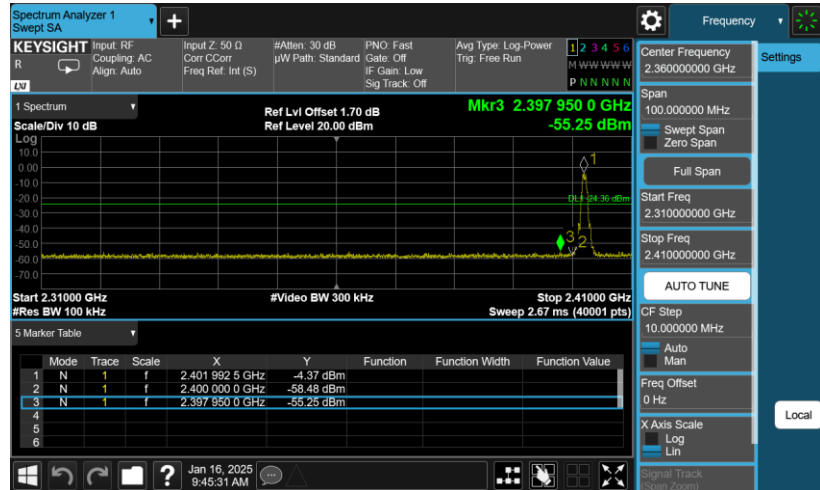


High ch

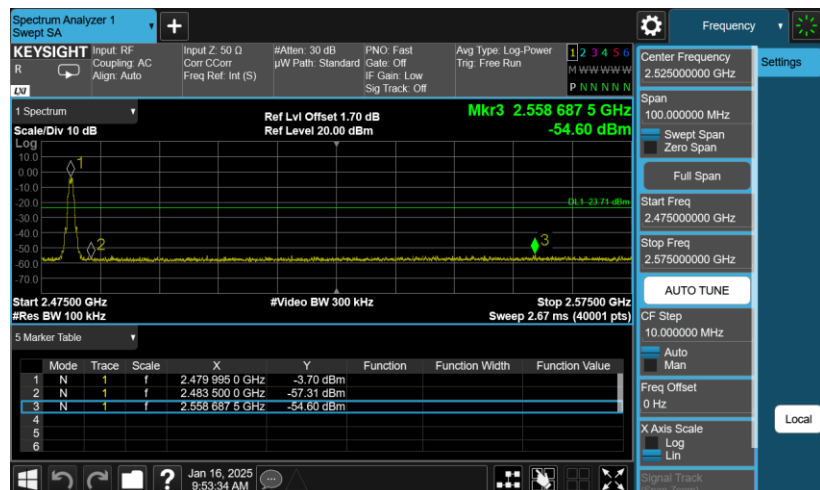


BLR C8

Low ch






High ch



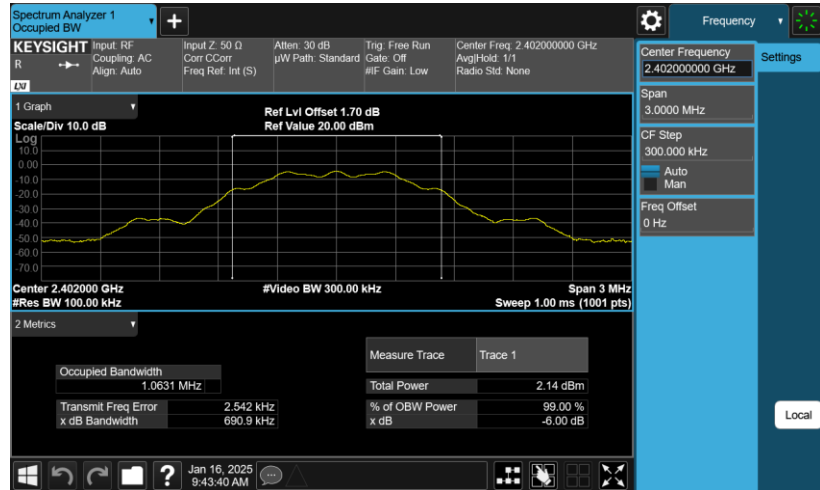


## 6 dB Bandwidth

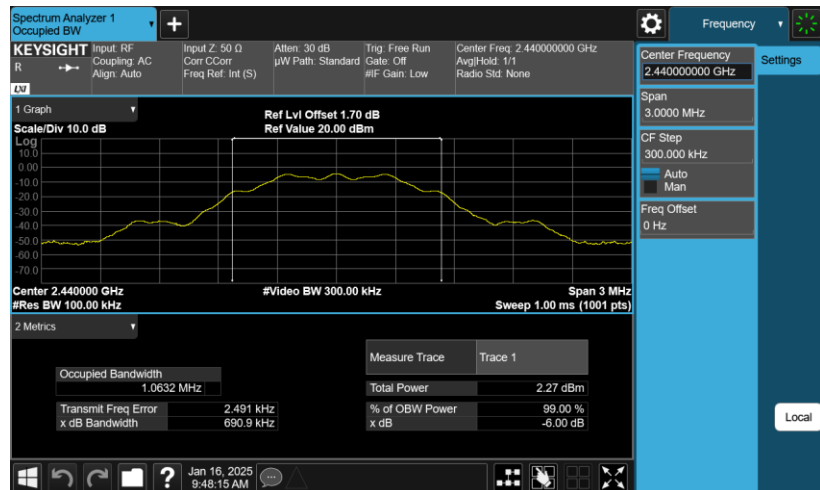
<p>BLE 2M</p> <p>Low ch</p>	 <p>Keysight Spectrum Analyzer 1 Occupied BW</p> <p>Center Frequency: 2.402000000 GHz</p> <p>Span: 6.0000 MHz</p> <p>CF Step: 600.000 kHz</p> <p>Occupied Bandwidth: 2.0849 MHz</p> <p>Total Power: 5.97 dBm</p> <p>% of OBW Power: 99.00%</p>
<p>Mid ch</p>	 <p>Keysight Spectrum Analyzer 1 Occupied BW</p> <p>Center Frequency: 2.440000000 GHz</p> <p>Span: 6.0000 MHz</p> <p>CF Step: 600.000 kHz</p> <p>Occupied Bandwidth: 2.0850 MHz</p> <p>Total Power: 6.12 dBm</p> <p>% of OBW Power: 99.00%</p>
<p>High ch</p>	 <p>Keysight Spectrum Analyzer 1 Occupied BW</p> <p>Center Frequency: 2.480000000 GHz</p> <p>Span: 6.0000 MHz</p> <p>CF Step: 600.000 kHz</p> <p>Occupied Bandwidth: 2.0849 MHz</p> <p>Total Power: 6.58 dBm</p> <p>% of OBW Power: 99.00%</p>

BLR C8

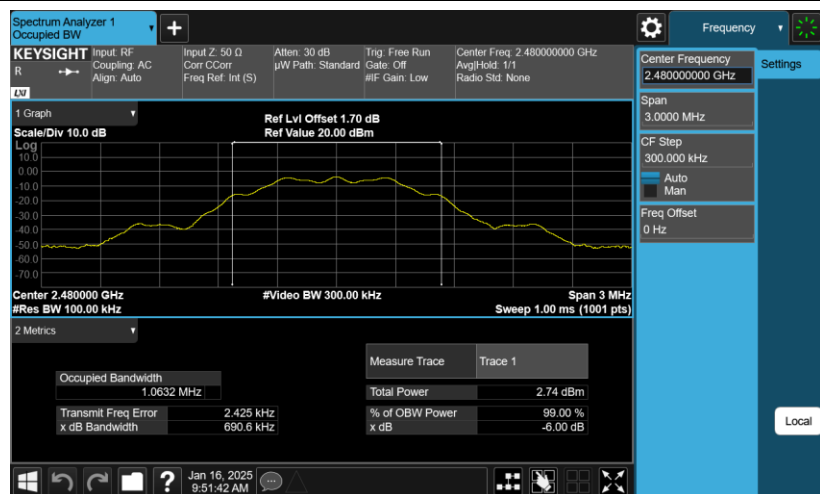
Low ch






Mid ch



High ch

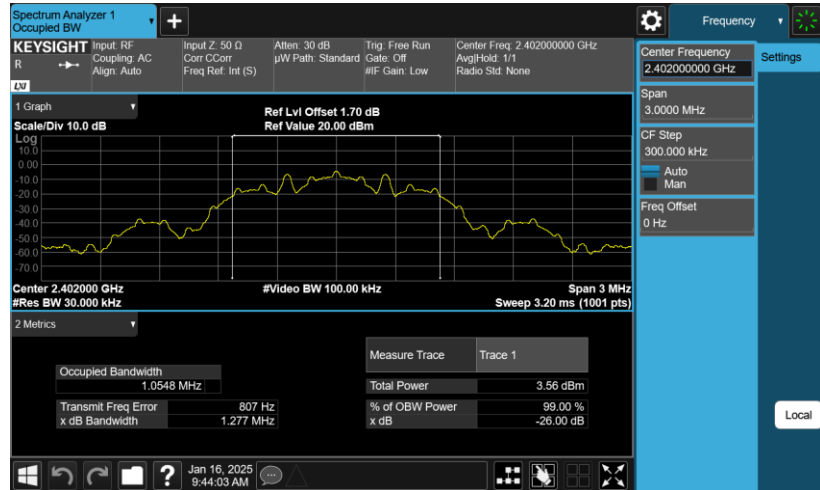


99 % Occupied Bandwidth

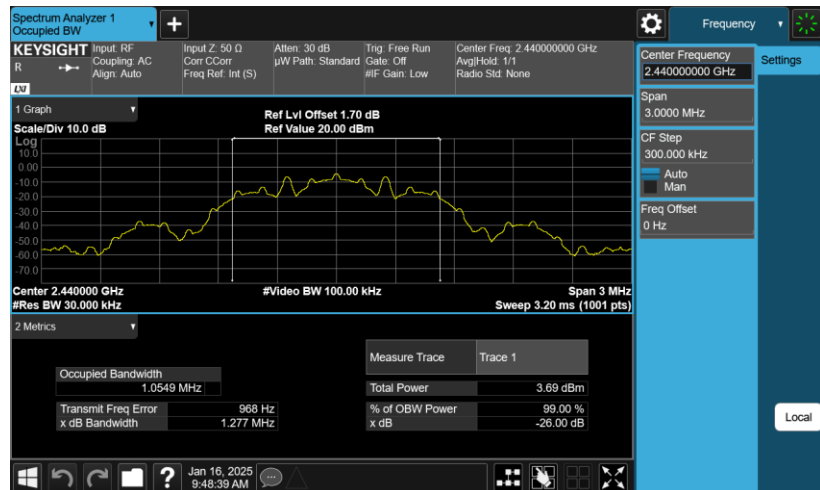
<p>BLE 2M</p> <p>Low ch</p>	 <p>Keysight Spectrum Analyzer 1 Occupied BW</p> <p>Center Frequency: 2.402000000 GHz</p> <p>Span: 6.0000 MHz</p> <p>CF Step: 600.000 kHz</p> <p>Freq Offset: 0 Hz</p> <p>Scale/Div: 10.0 dB</p> <p>Ref Lvl Offset: 1.70 dB</p> <p>Ref Value: 20.00 dBm</p> <p>Center: 2.402000 GHz</p> <p>#Res BW: 30.000 kHz</p> <p>#Video BW: 100.00 kHz</p> <p>Sweep: 6.33 ms (1001 pts)</p> <p>Occupied Bandwidth: 2.0684 MHz</p> <p>Transmit Freq Error: 17.035 kHz</p> <p>x dB Bandwidth: 2.483 MHz</p> <p>Total Power: 4.80 dBm</p> <p>% of OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>
<p>Mid ch</p>	 <p>Keysight Spectrum Analyzer 1 Occupied BW</p> <p>Center Frequency: 2.440000000 GHz</p> <p>Span: 6.0000 MHz</p> <p>CF Step: 600.000 kHz</p> <p>Freq Offset: 0 Hz</p> <p>Scale/Div: 10.0 dB</p> <p>Ref Lvl Offset: 1.70 dB</p> <p>Ref Value: 20.00 dBm</p> <p>Center: 2.440000 GHz</p> <p>#Res BW: 30.000 kHz</p> <p>#Video BW: 100.00 kHz</p> <p>Sweep: 6.33 ms (1001 pts)</p> <p>Occupied Bandwidth: 2.0683 MHz</p> <p>Transmit Freq Error: 17.414 kHz</p> <p>x dB Bandwidth: 2.482 MHz</p> <p>Total Power: 4.94 dBm</p> <p>% of OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>
<p>High ch</p>	 <p>Keysight Spectrum Analyzer 1 Occupied BW</p> <p>Center Frequency: 2.480000000 GHz</p> <p>Span: 6.0000 MHz</p> <p>CF Step: 600.000 kHz</p> <p>Freq Offset: 0 Hz</p> <p>Scale/Div: 10.0 dB</p> <p>Ref Lvl Offset: 1.70 dB</p> <p>Ref Value: 20.00 dBm</p> <p>Center: 2.480000 GHz</p> <p>#Res BW: 30.000 kHz</p> <p>#Video BW: 100.00 kHz</p> <p>Sweep: 6.33 ms (1001 pts)</p> <p>Occupied Bandwidth: 2.0686 MHz</p> <p>Transmit Freq Error: 16.985 kHz</p> <p>x dB Bandwidth: 2.483 MHz</p> <p>Total Power: 5.41 dBm</p> <p>% of OBW Power: 99.00 %</p> <p>x dB: -26.00 dB</p>

BLR C8

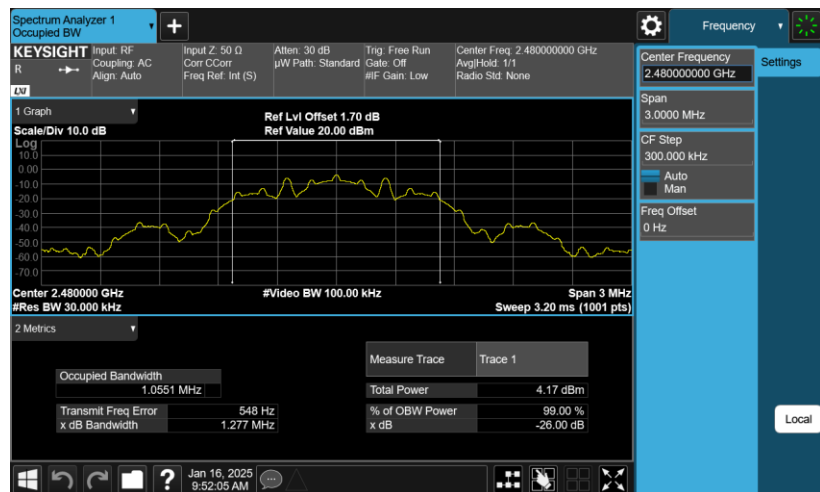
Low ch



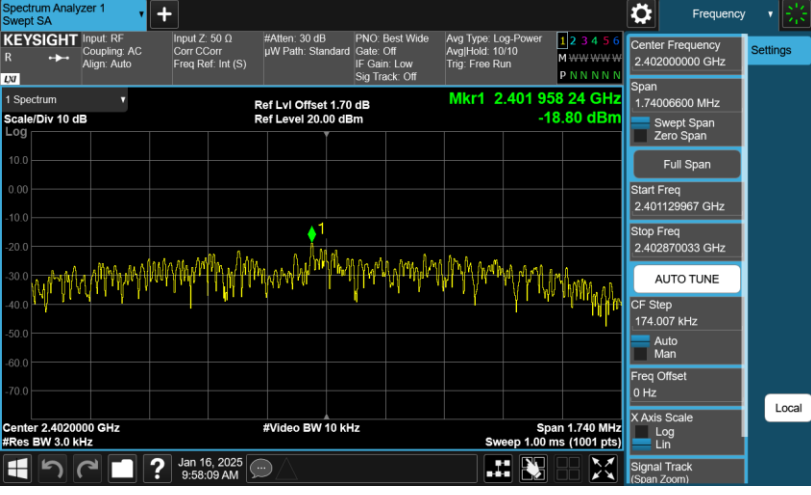
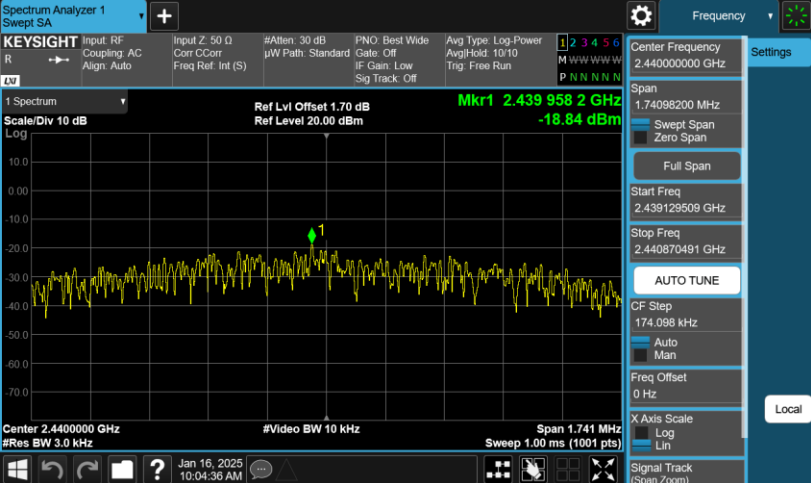
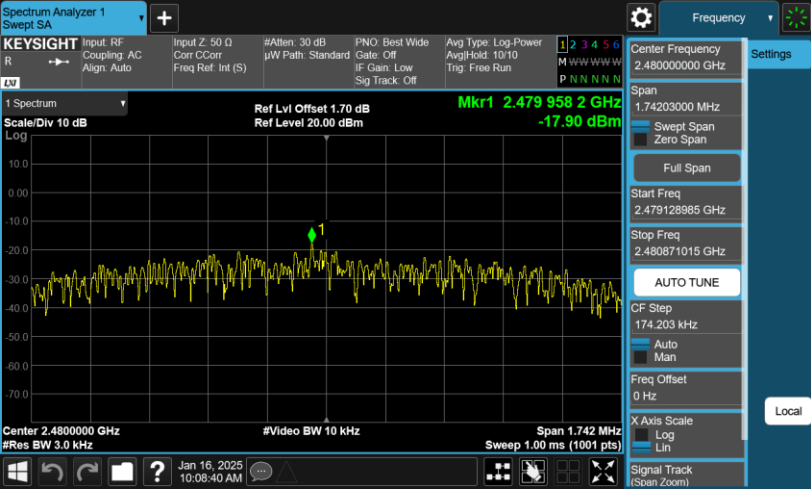
Mid ch



High ch

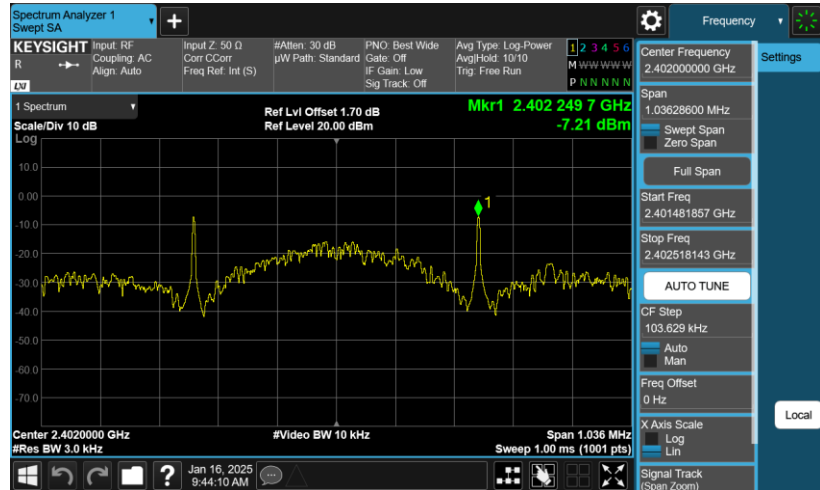


## Power Density

BLE 2M	
Low ch	
Mid ch	
High ch	

BLR C8

Low ch



Mid ch



High ch

