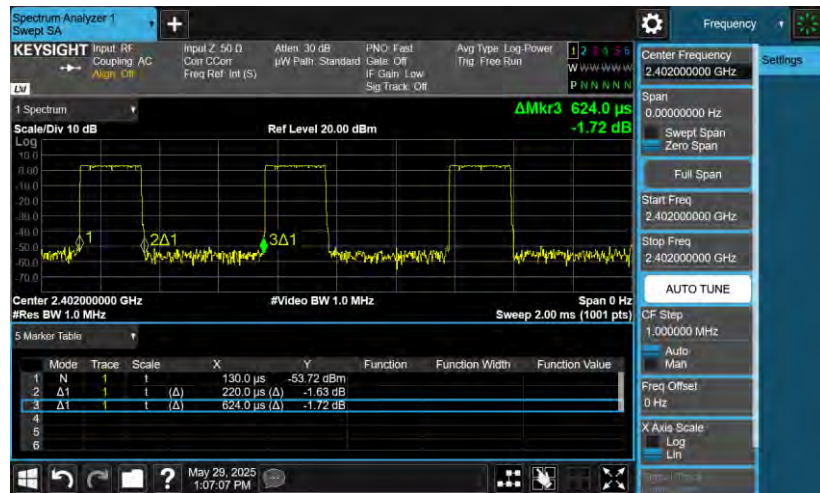


Appendix B. Test Plots

Duty cycle

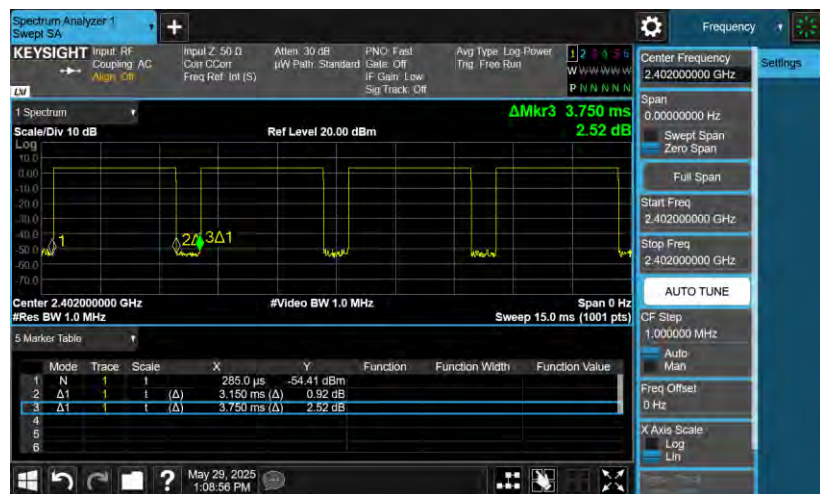
BLE 2M

On+off time






BLR C8

On+off time



Out of Band Conducted Spurious Emission

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

BLR C8

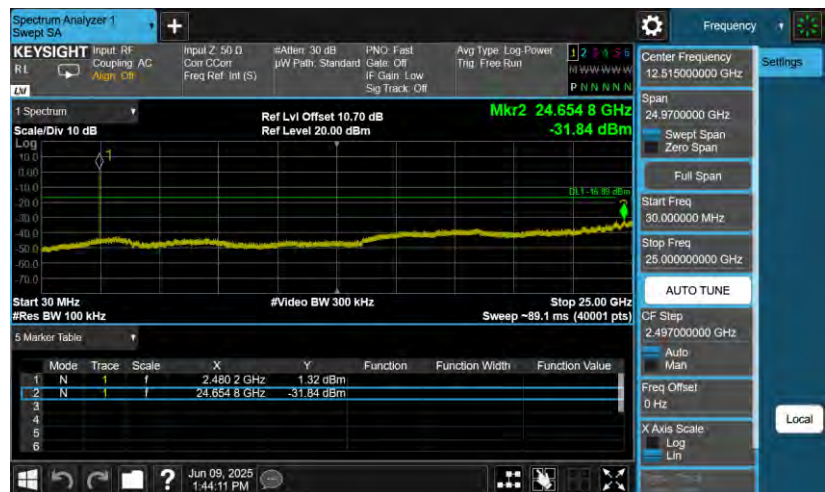
Low ch






Mid ch



High ch



Reference level

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

BLR C8

Low ch



Mid ch



High ch



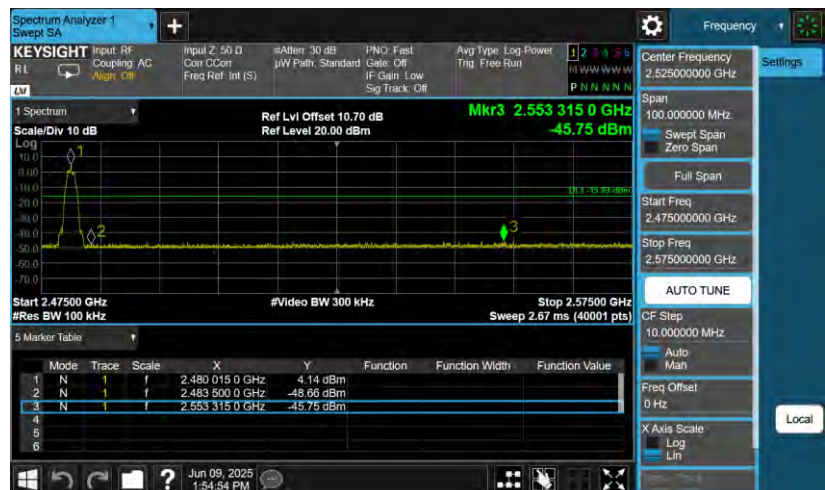
Conducted Band Edge

BLE 2M

Low ch

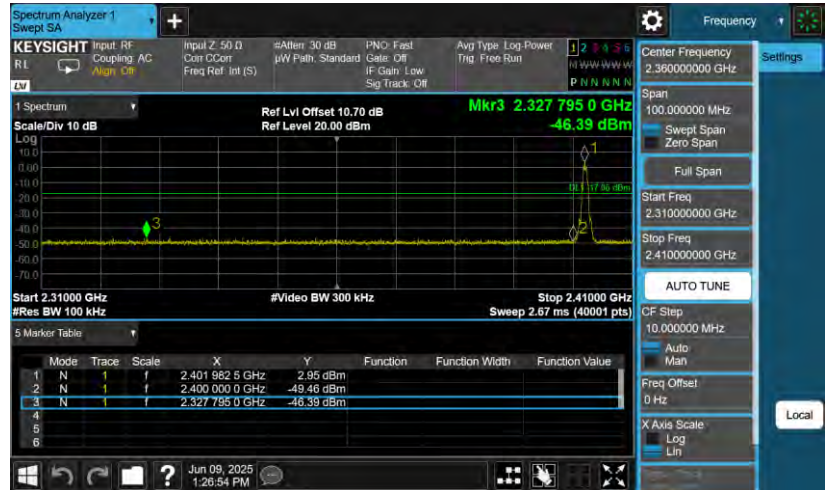


High ch

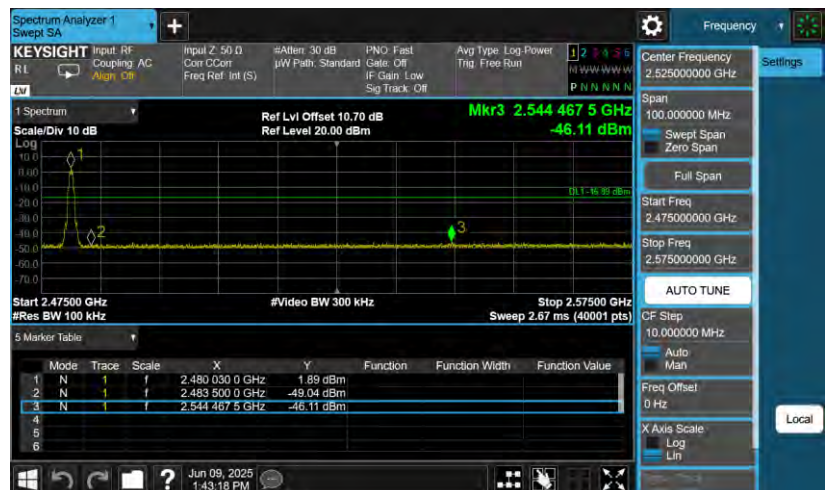


BLR C8




Low ch



High ch

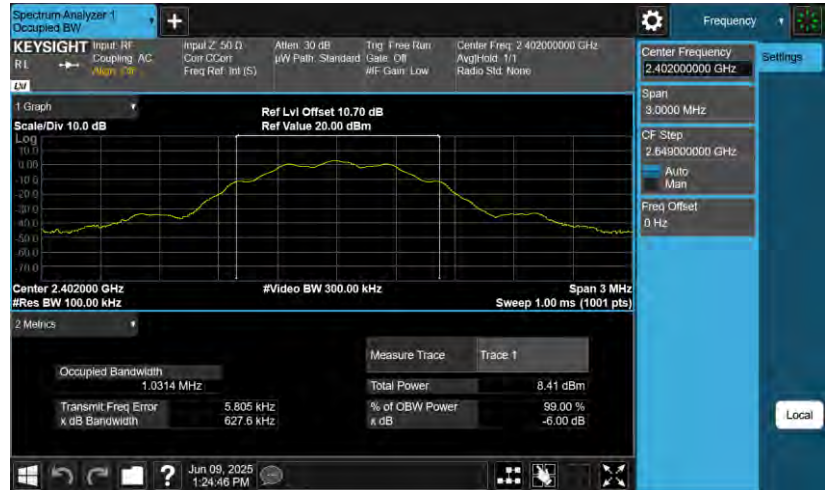


6 dB Bandwidth

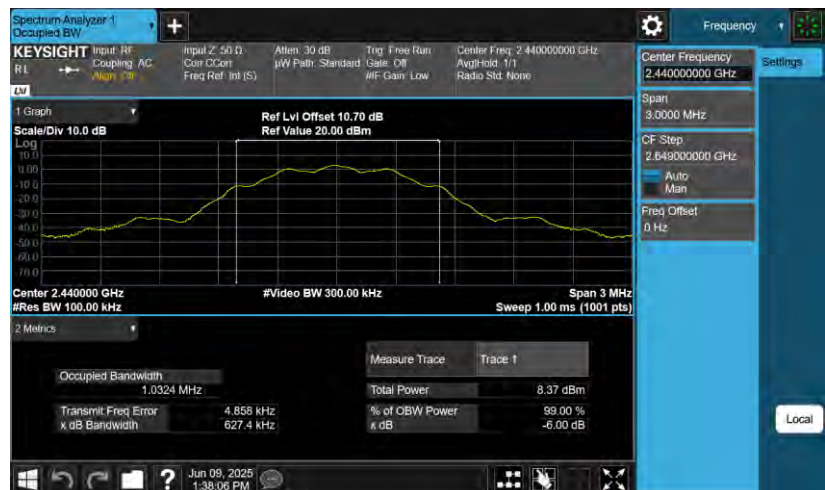
BLE 2M	
Low ch	 <p>Keysight Spectrum Analyzer screenshot for Low channel. The display shows a spectrum plot with a peak at approximately 2.402 GHz. The settings are: Center Frequency 2.40200000 GHz, Span 6.0000 MHz, Res BW 100.00 kHz, Video BW 300.00 kHz, Sweep 1.00 ms (1001 pts). The measurement results show an Occupied Bandwidth of 2.0281 MHz, Total Power of 11.2 dBm, and a % of OBW Power of 99.00%.</p>
Mid ch	 <p>Keysight Spectrum Analyzer screenshot for Mid channel. The display shows a spectrum plot with a peak at approximately 2.440 GHz. The settings are: Center Frequency 2.44000000 GHz, Span 6.0000 MHz, Res BW 100.00 kHz, Video BW 300.00 kHz, Sweep 1.00 ms (1001 pts). The measurement results show an Occupied Bandwidth of 2.0308 MHz, Total Power of 11.3 dBm, and a % of OBW Power of 99.00%.</p>
High ch	 <p>Keysight Spectrum Analyzer screenshot for High channel. The display shows a spectrum plot with a peak at approximately 2.480 GHz. The settings are: Center Frequency 2.48000000 GHz, Span 6.0000 MHz, Res BW 100.00 kHz, Video BW 300.00 kHz, Sweep 1.00 ms (1001 pts). The measurement results show an Occupied Bandwidth of 2.0294 MHz, Total Power of 11.4 dBm, and a % of OBW Power of 99.00%.</p>

BLR C8

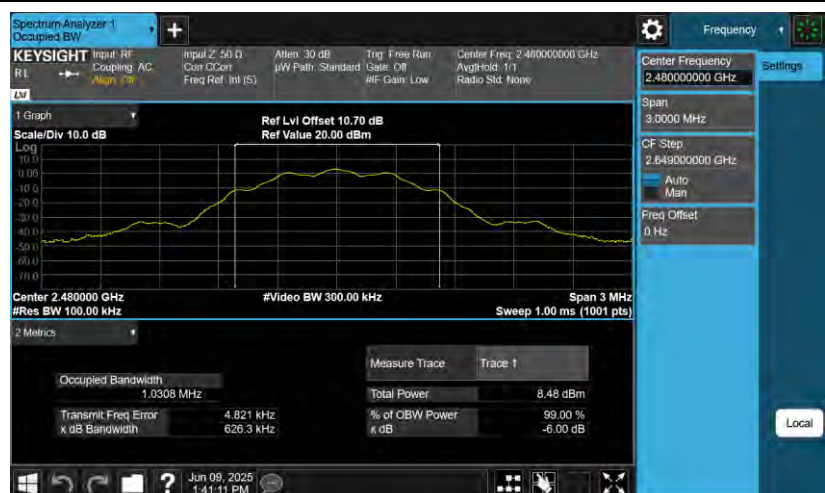
Low ch






Mid ch



High ch

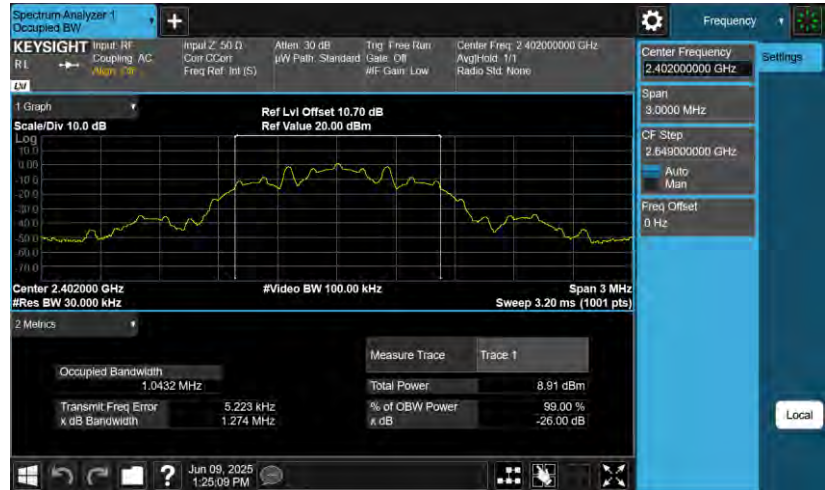


99 % Occupied Bandwidth

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

BLR C8

Low ch



Mid ch



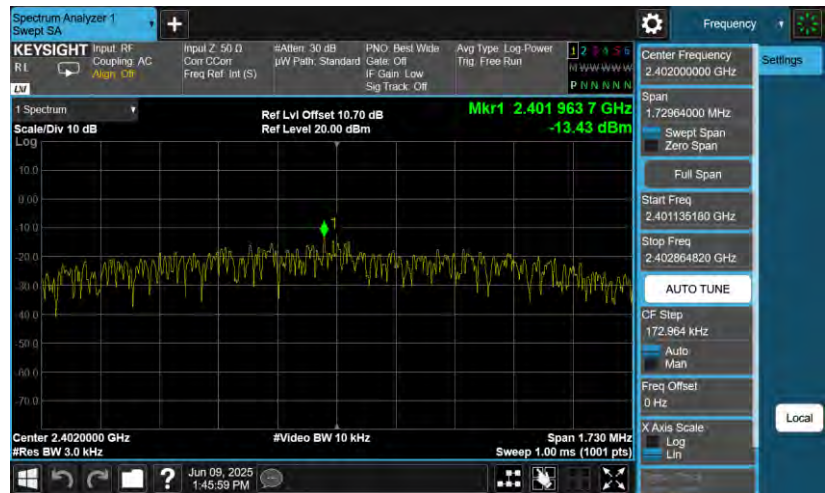
High ch



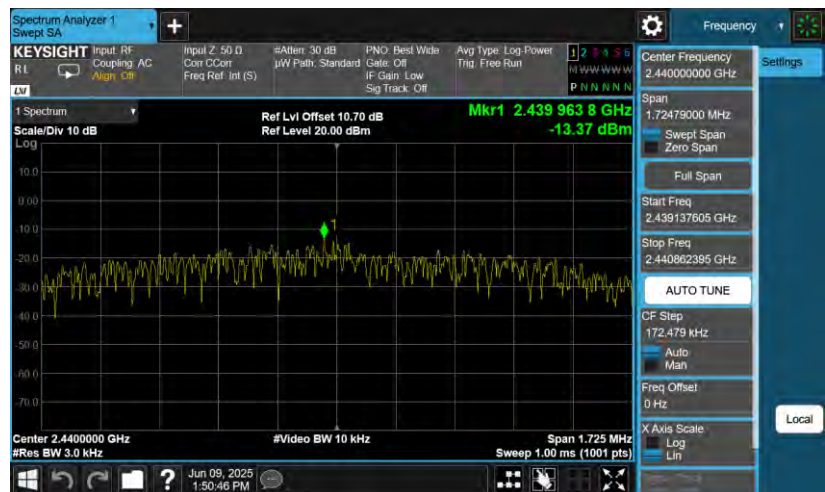
Power Density

BLE 2M

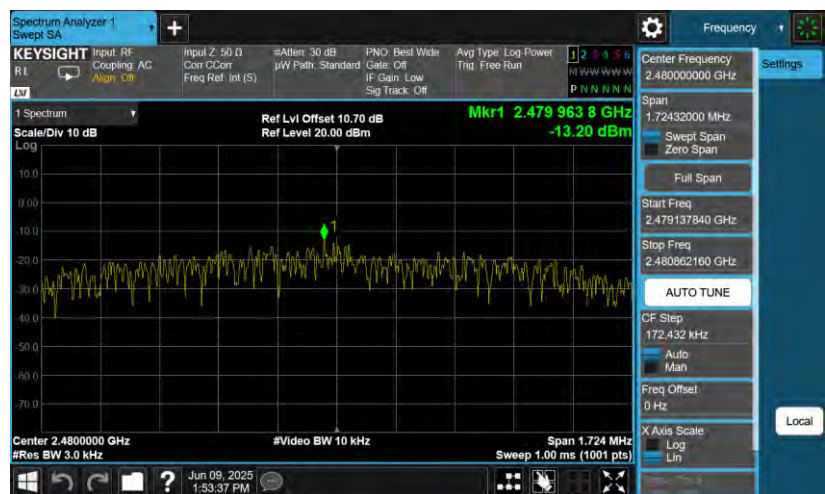
Low ch



Mid ch



High ch



BLR C8

Low ch



Mid ch



High ch

