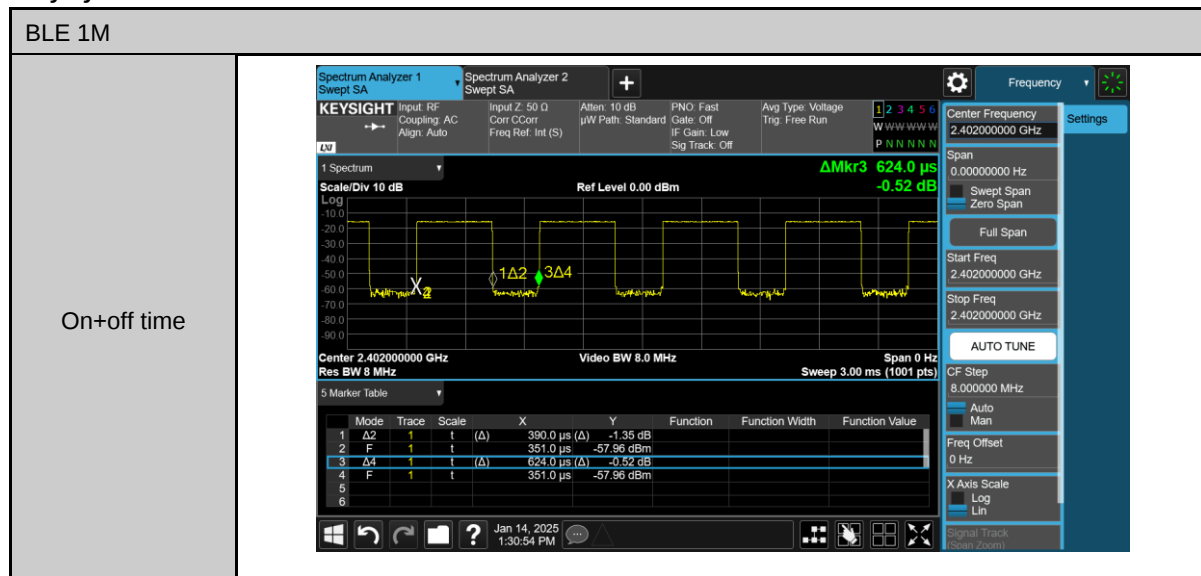
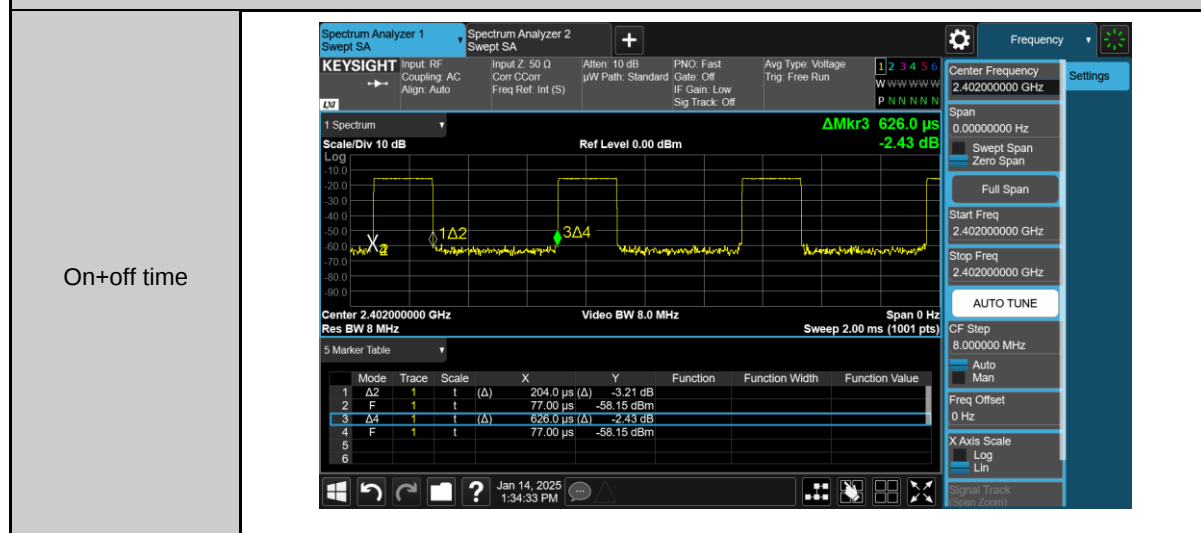


Appendix B. Test Plots

Duty cycle

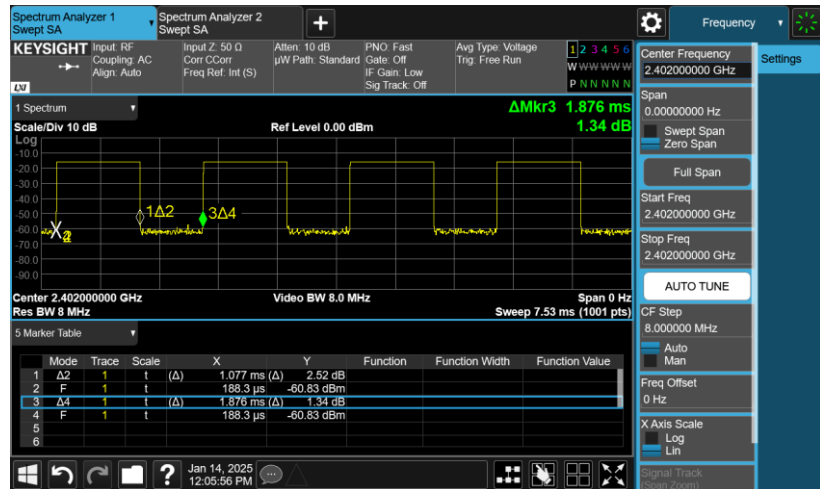


BLE 2M



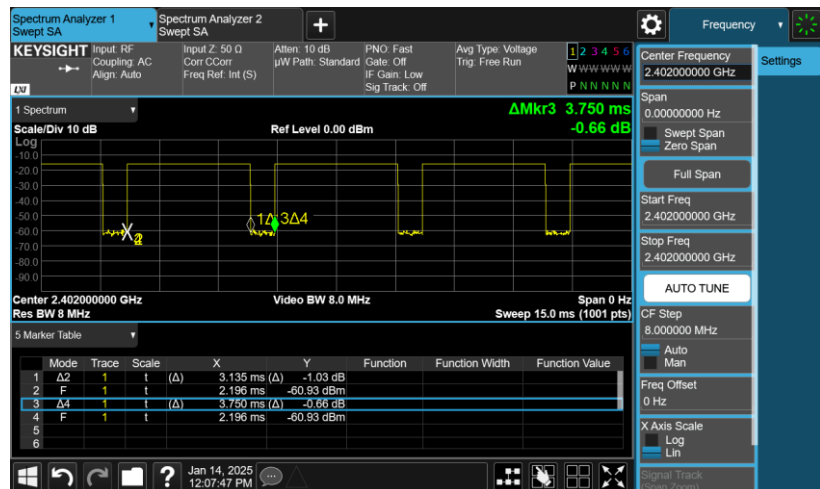
BLR C2

On+off time



BLR C8

On+off time



Out of Band Conducted Spurious Emission

BLE 2M

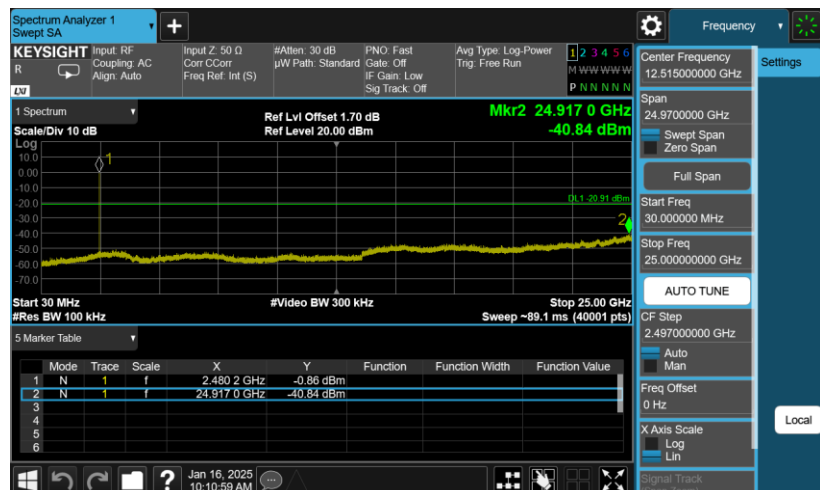
Low ch



Mid ch

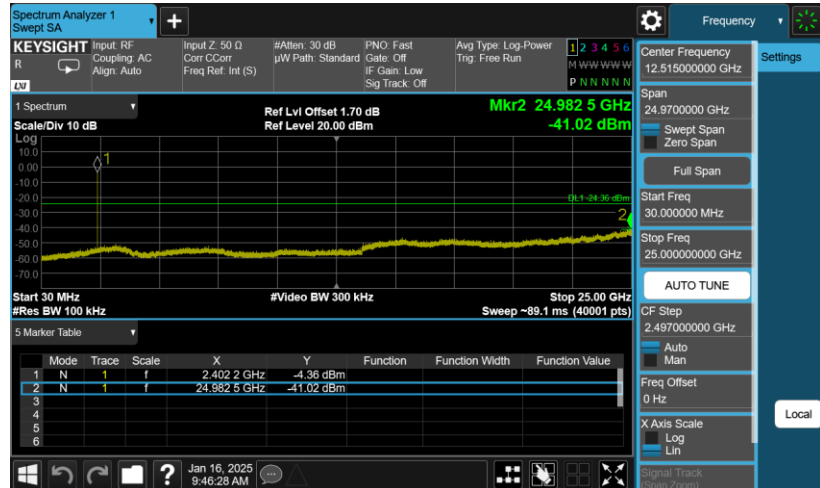


High ch

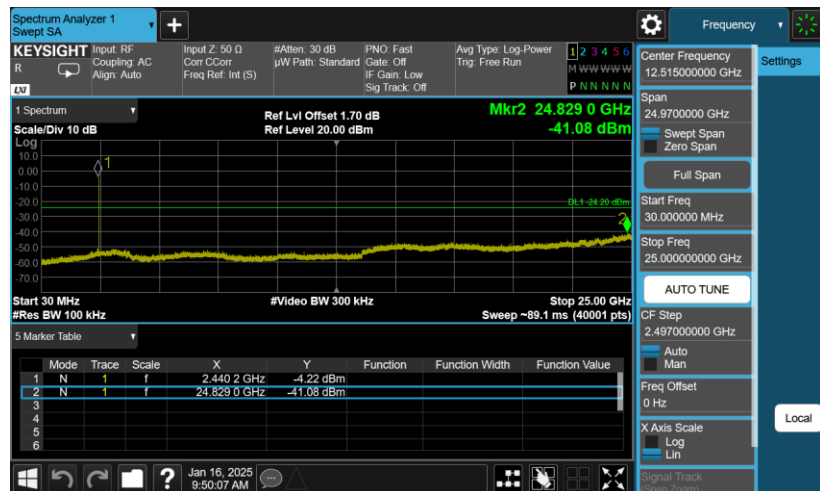


BLR C8

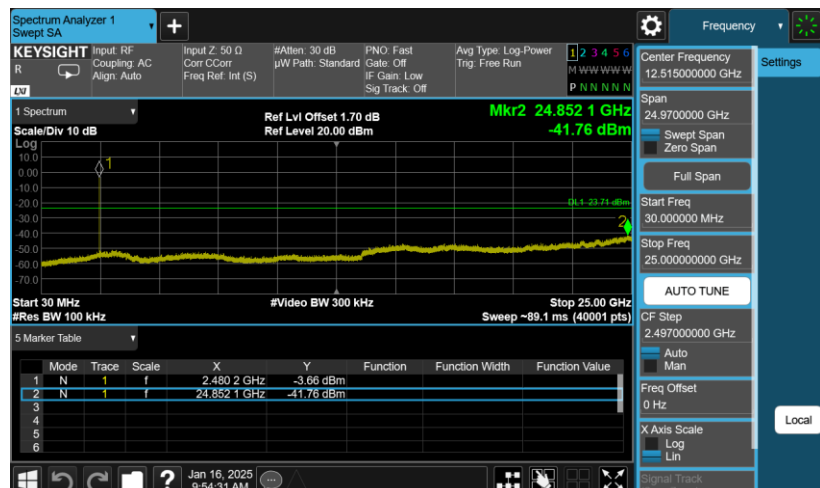
Low ch



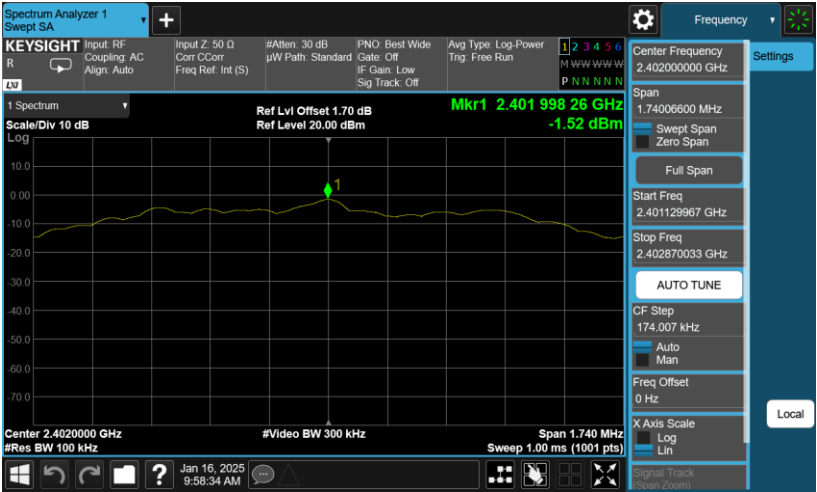
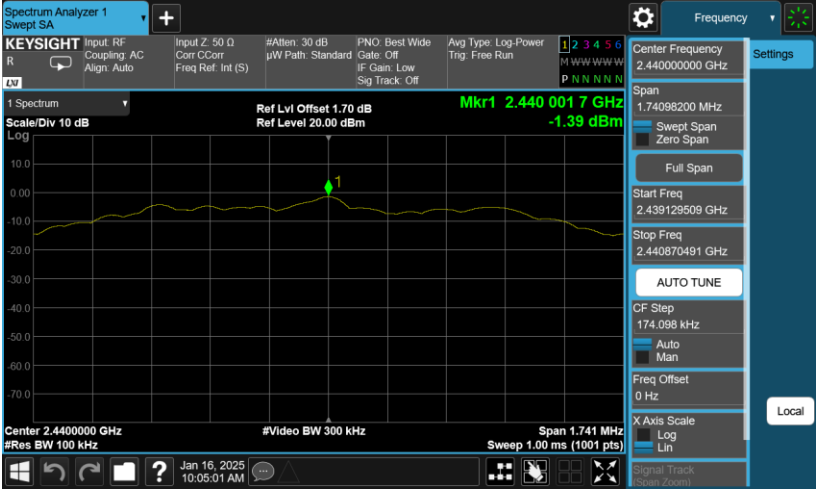
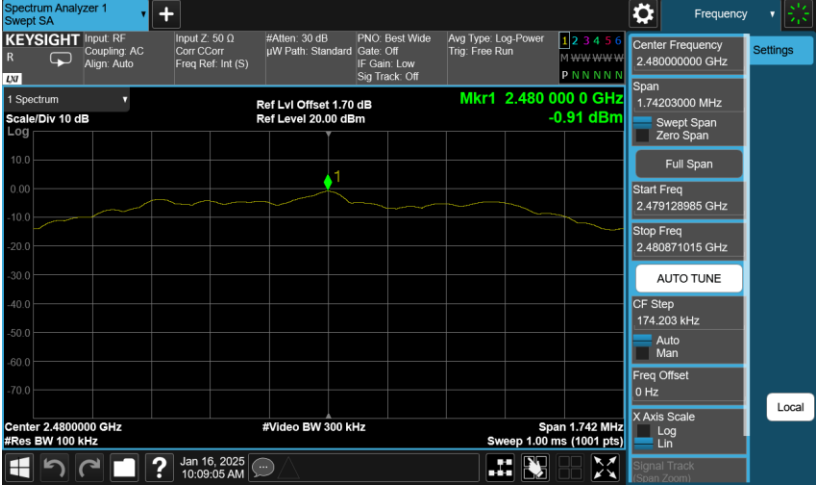
Mid ch



High ch

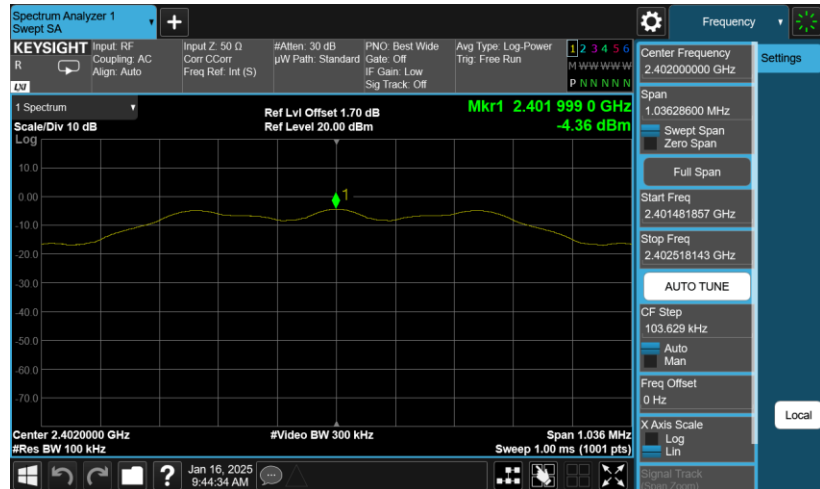


Reference level

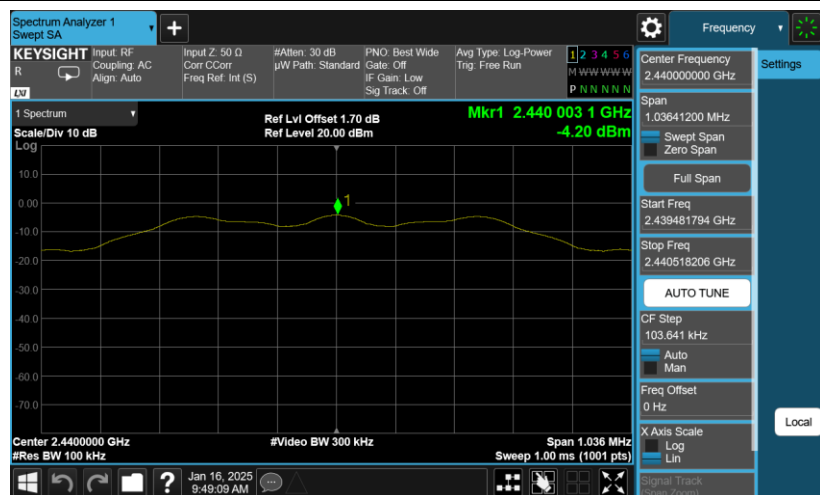
BLE 2M	 Low ch
Mid ch	 Mid ch
High ch	 High ch

BLR C8

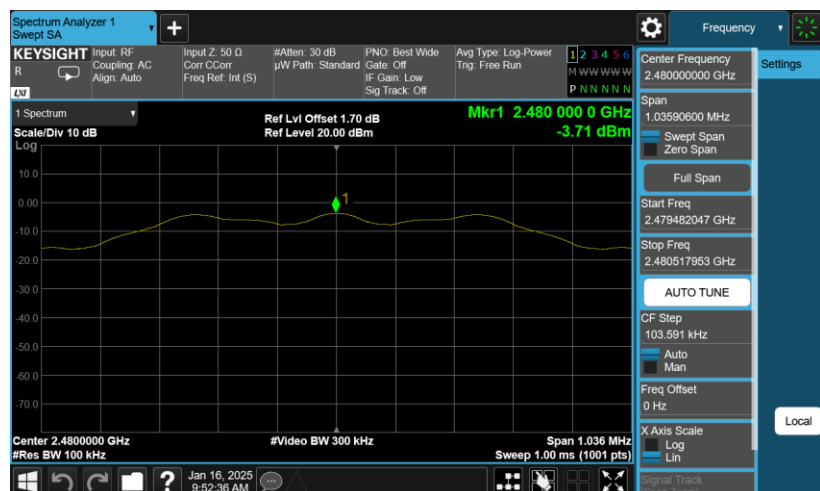
Low ch



Mid ch



High ch



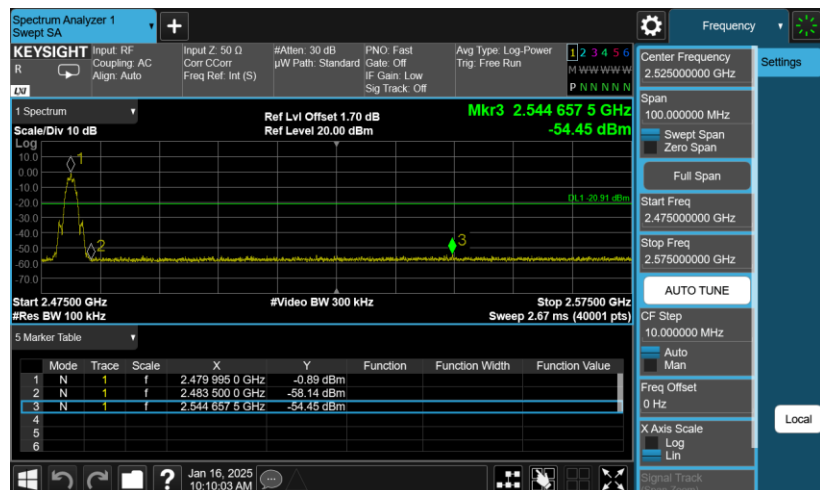
Conducted Band Edge

BLE 2M

Low ch

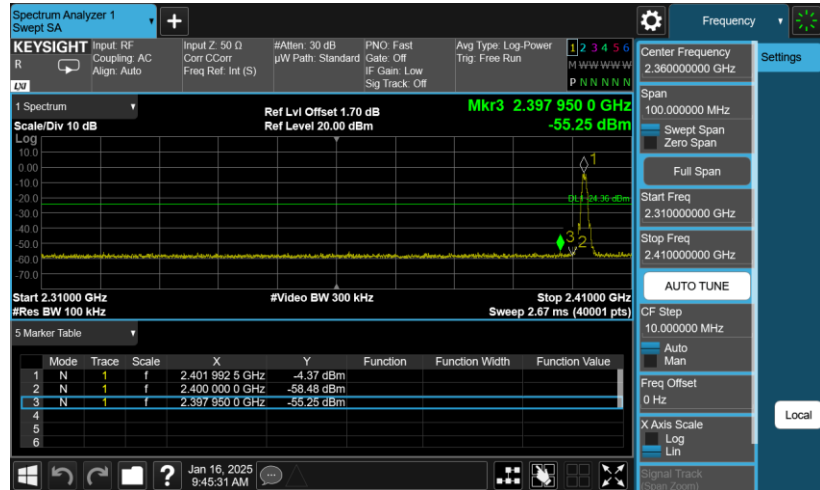


High ch

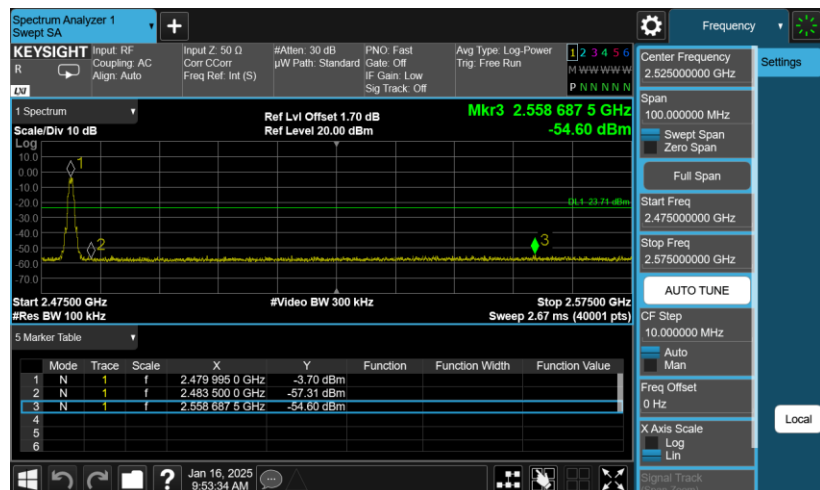


BLR C8

Low ch

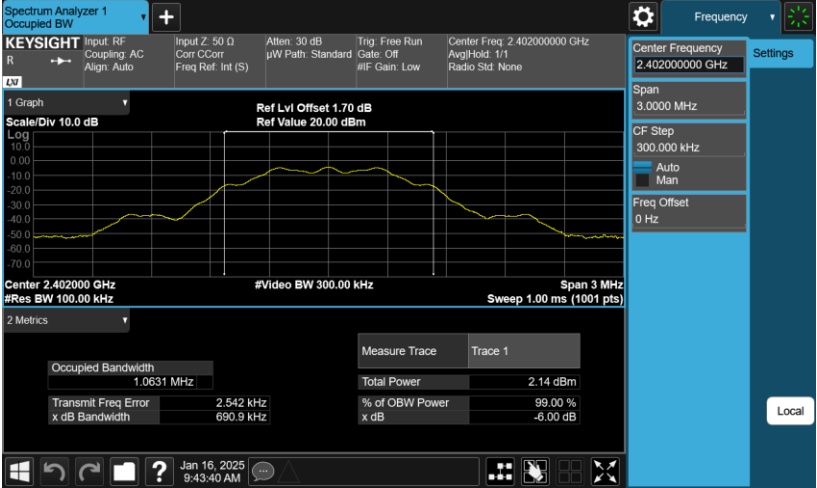


High ch



6 dB Bandwidth

BLE 2M	
Low ch	Keysight Spectrum Analyzer 1 screenshot for Low channel. The display shows a spectrum plot with a yellow trace. The center frequency is 2.402000000 GHz, and the span is 6.0000 MHz. The CF step is 600.000 kHz. The metrics table shows an occupied bandwidth of 2.0849 MHz, a total power of 5.97 dBm, and 99.00% of the OBW power.
Mid ch	Keysight Spectrum Analyzer 1 screenshot for Mid channel. The display shows a spectrum plot with a yellow trace. The center frequency is 2.440000000 GHz, and the span is 6.0000 MHz. The CF step is 600.000 kHz. The metrics table shows an occupied bandwidth of 2.0850 MHz, a total power of 6.12 dBm, and 99.00% of the OBW power.
High ch	Keysight Spectrum Analyzer 1 screenshot for High channel. The display shows a spectrum plot with a yellow trace. The center frequency is 2.480000000 GHz, and the span is 6.0000 MHz. The CF step is 600.000 kHz. The metrics table shows an occupied bandwidth of 2.0849 MHz, a total power of 6.58 dBm, and 99.00% of the OBW power.

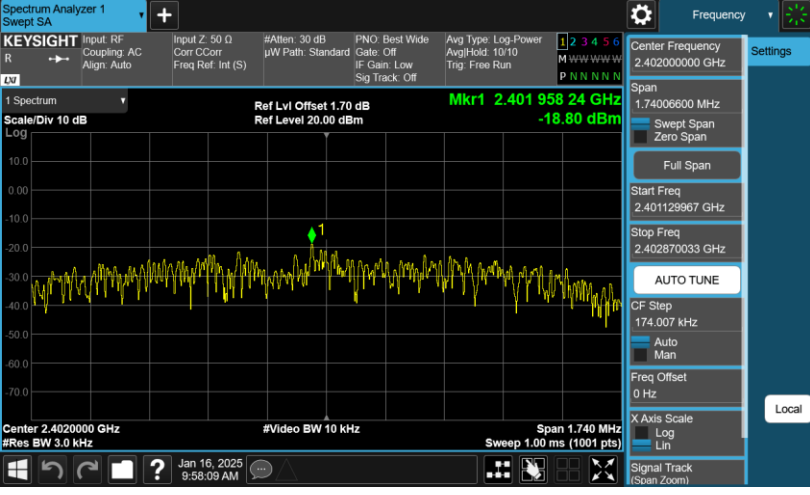
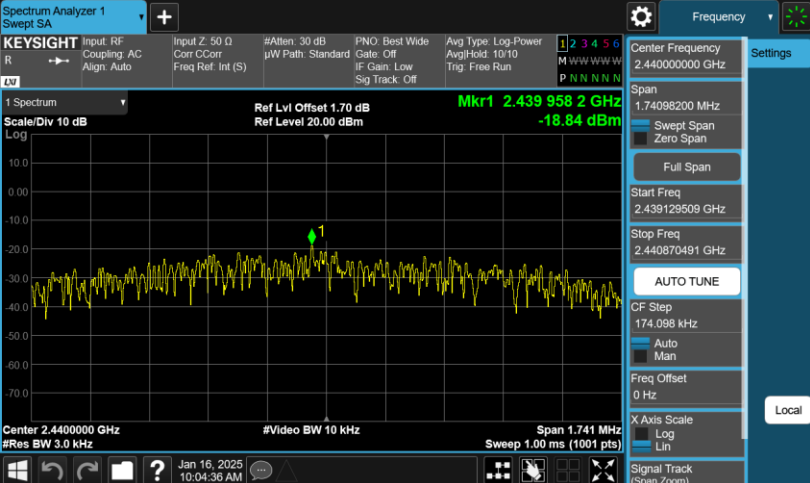
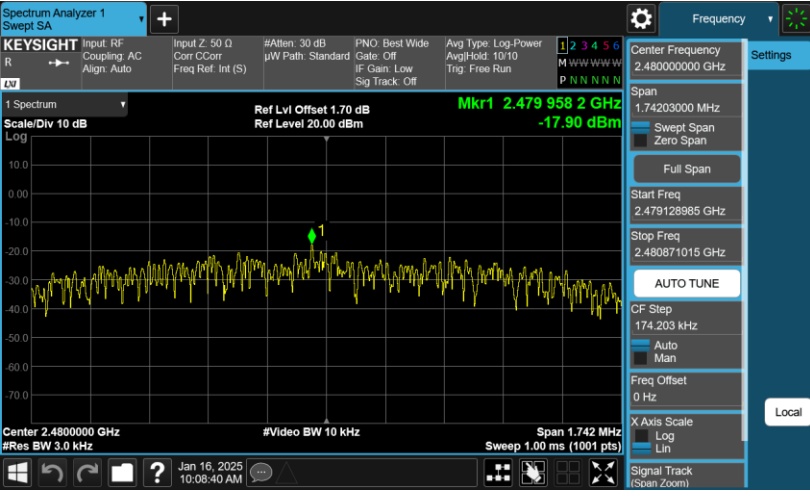
BLR C8 Low ch	
Mid ch	
High ch	

99 % Occupied Bandwidth

BLE 2M Low ch	 Center Frequency: 2.402000000 GHz Span: 6.0000 MHz CF Step: 600.000 kHz Freq Offset: 0 Hz Occupied Bandwidth: 2.0684 MHz Transmit Freq Error: 17.035 kHz x dB Bandwidth: 2.483 MHz Total Power: 4.80 dBm % of OBW Power: 99.00% x dB: -26.00 dB
Mid ch	 Center Frequency: 2.440000000 GHz Span: 6.0000 MHz CF Step: 600.000 kHz Freq Offset: 0 Hz Occupied Bandwidth: 2.0683 MHz Transmit Freq Error: 17.414 kHz x dB Bandwidth: 2.482 MHz Total Power: 4.94 dBm % of OBW Power: 99.00% x dB: -26.00 dB
High ch	 Center Frequency: 2.480000000 GHz Span: 6.0000 MHz CF Step: 600.000 kHz Freq Offset: 0 Hz Occupied Bandwidth: 2.0686 MHz Transmit Freq Error: 16.985 kHz x dB Bandwidth: 2.483 MHz Total Power: 5.41 dBm % of OBW Power: 99.00% x dB: -26.00 dB

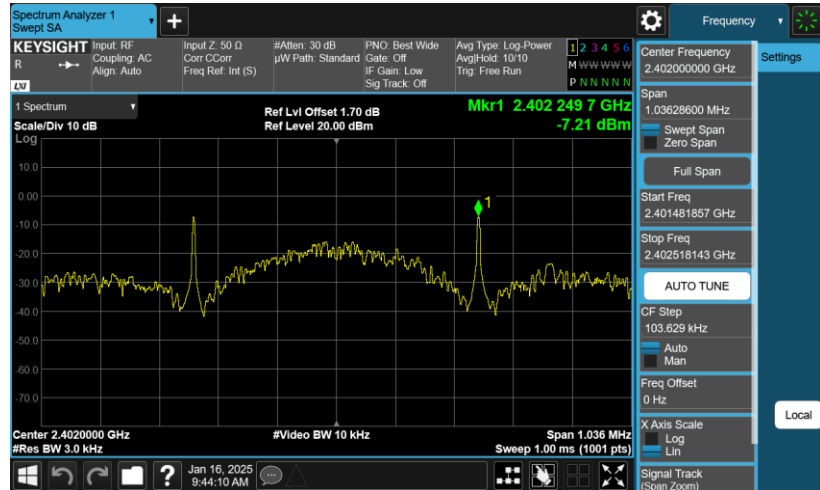
BLR C8 Low ch	
Mid ch	
High ch	

Power Density

BLE 2M	
Low ch	
Mid ch	
High ch	

BLR C8

Low ch



Mid ch



High ch

