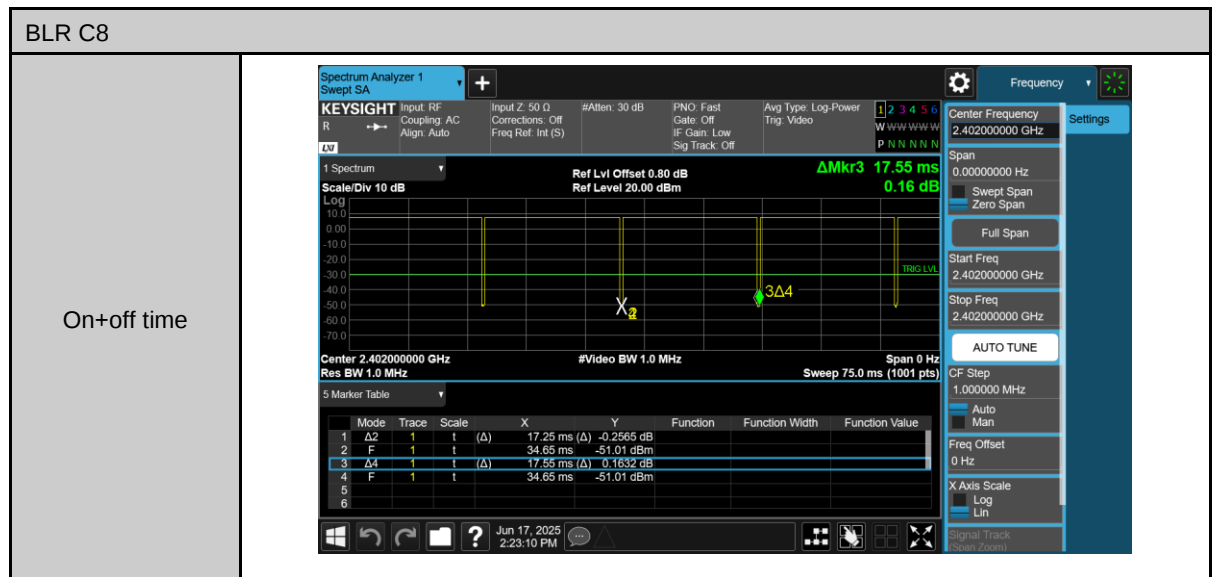
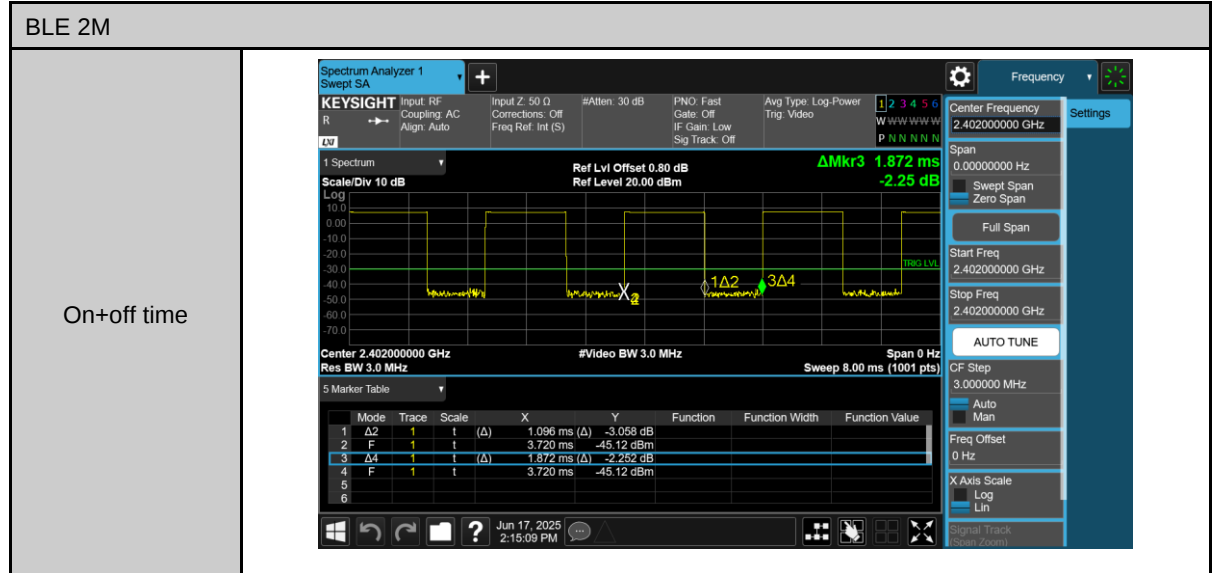


Appendix B. Test Plots

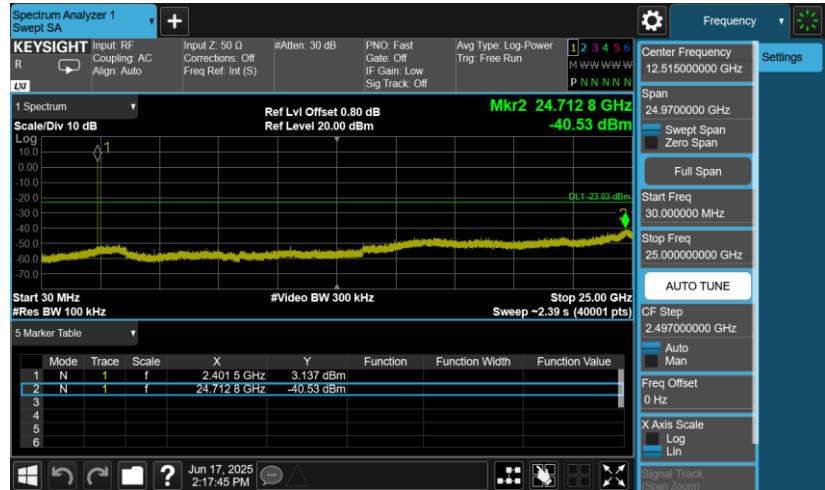
Duty cycle



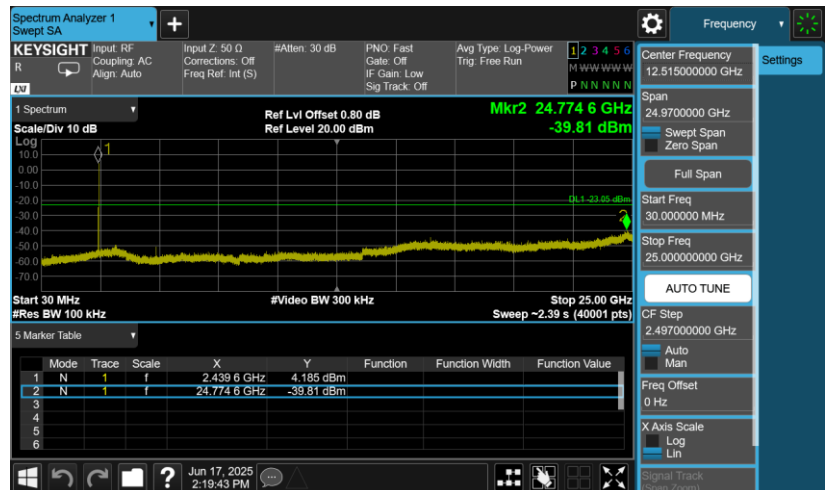
Out of Band Conducted Spurious Emission

BLE 2M

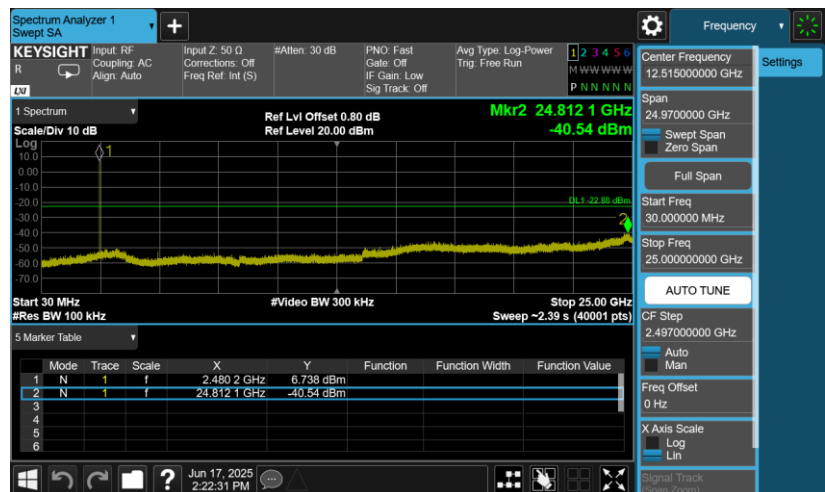
Low ch



Mid ch

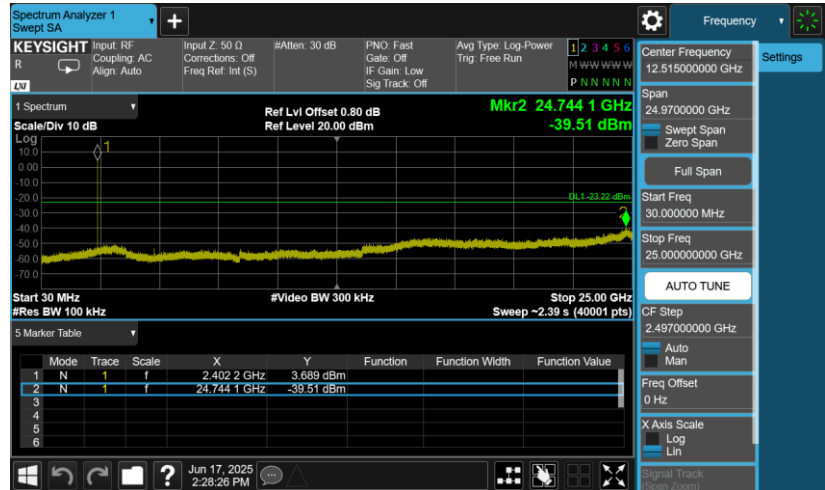


High ch

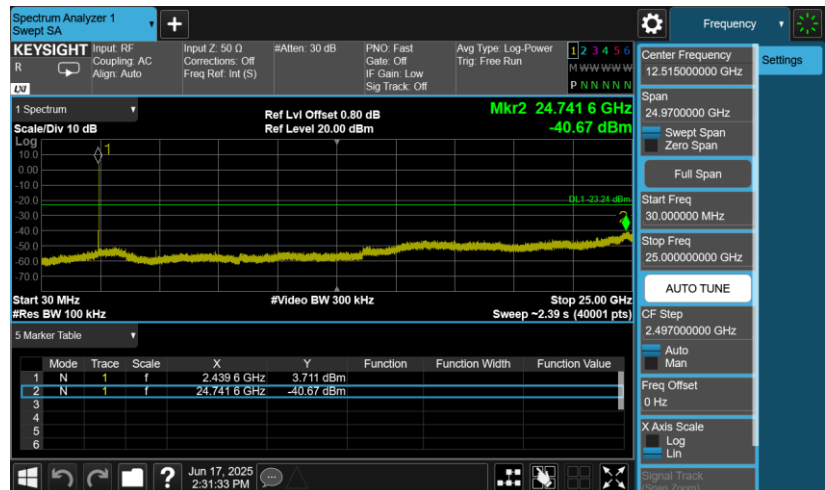


BLR C8

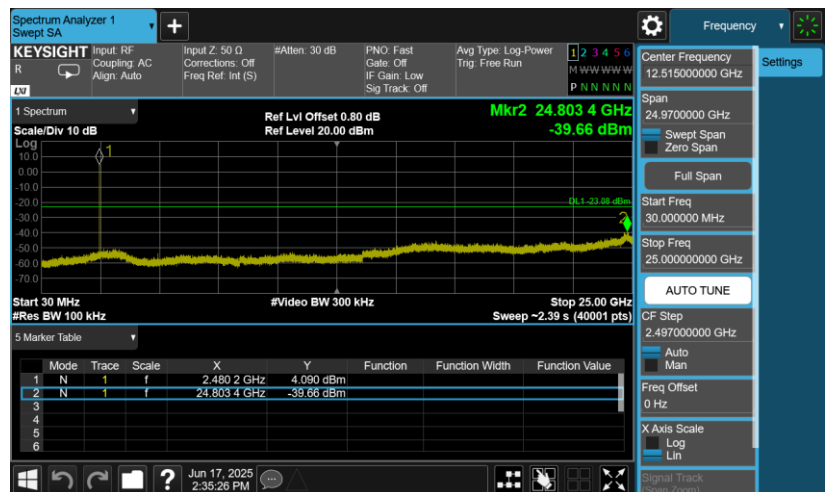
Low ch



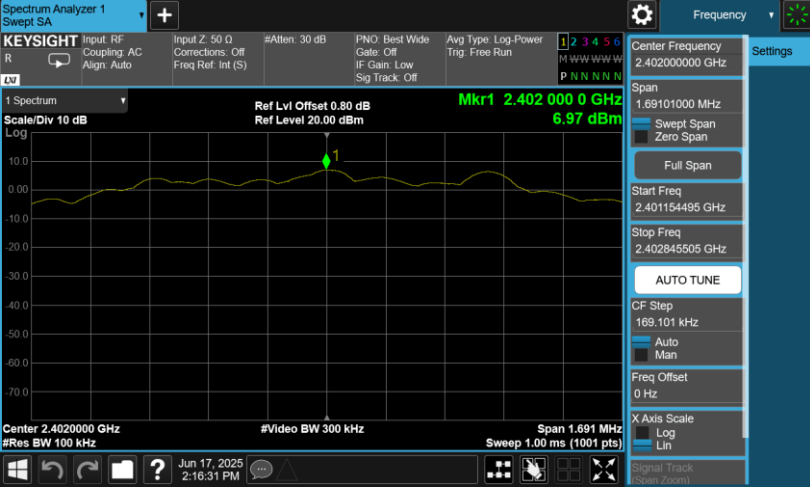
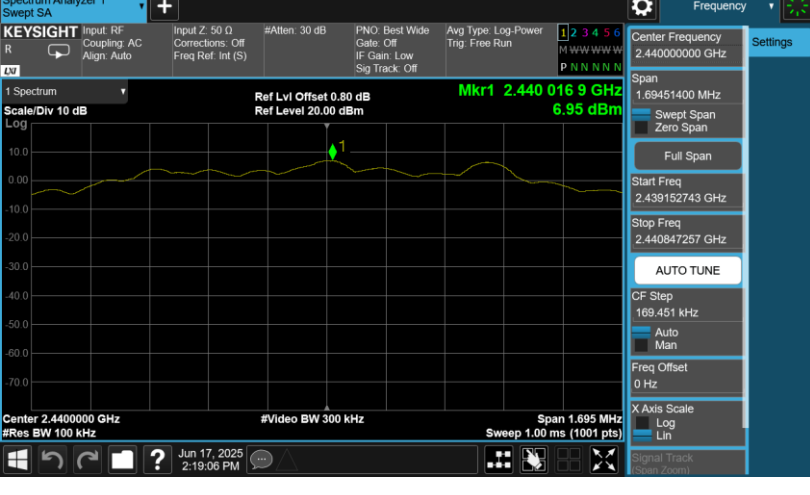
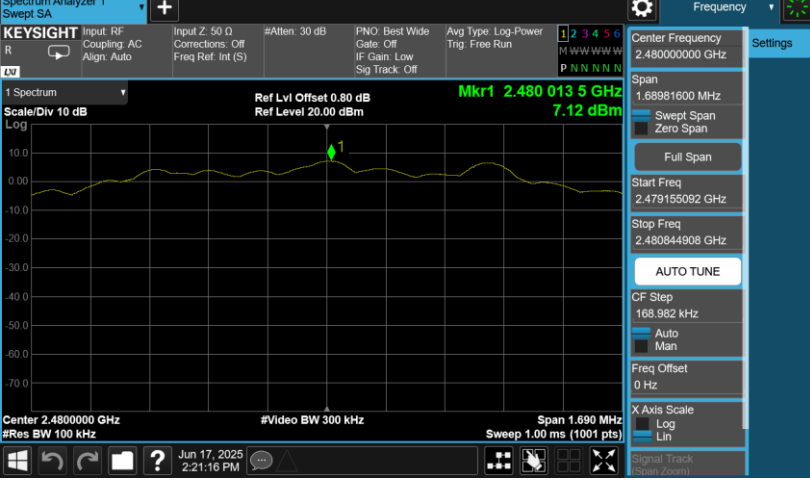
Mid ch



High ch

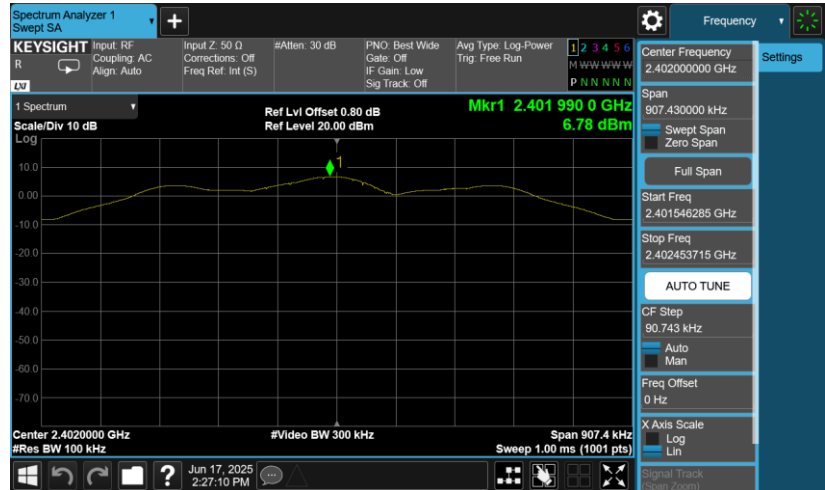


Reference level

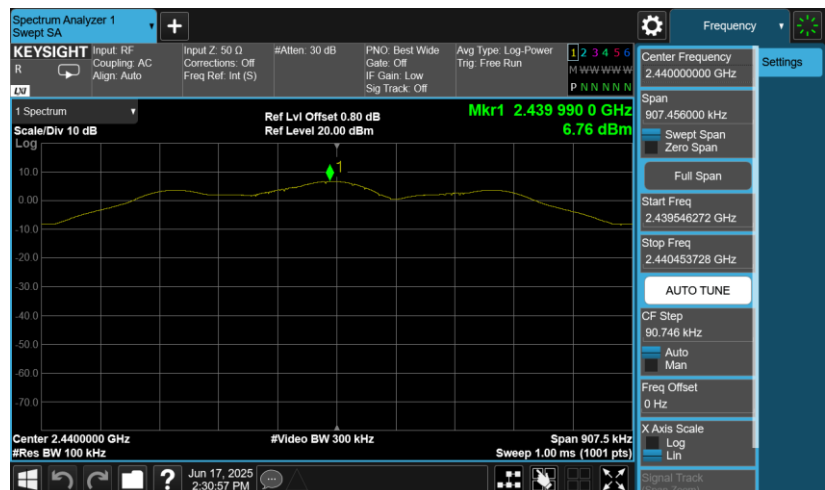
BLE 2M Low ch	
Mid ch	
High ch	

BLR C8

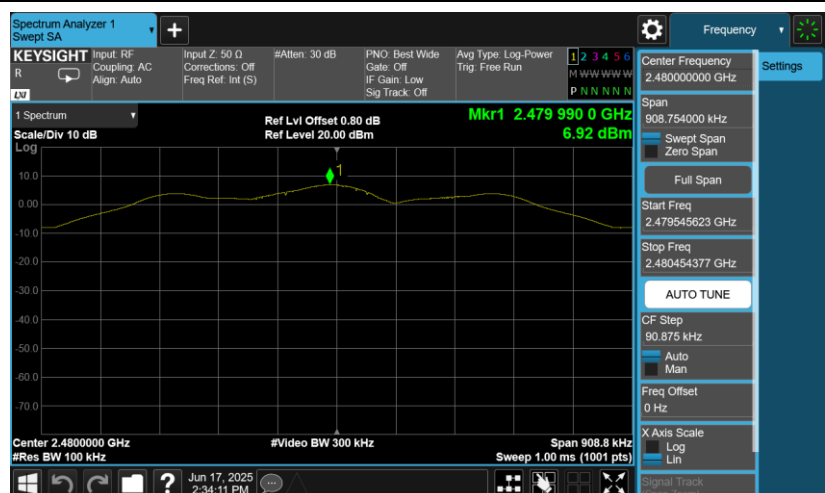
Low ch



Mid ch



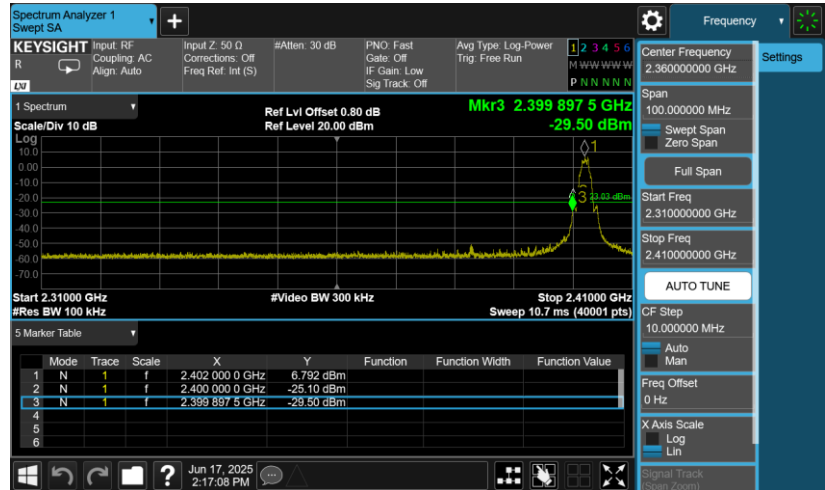
High ch



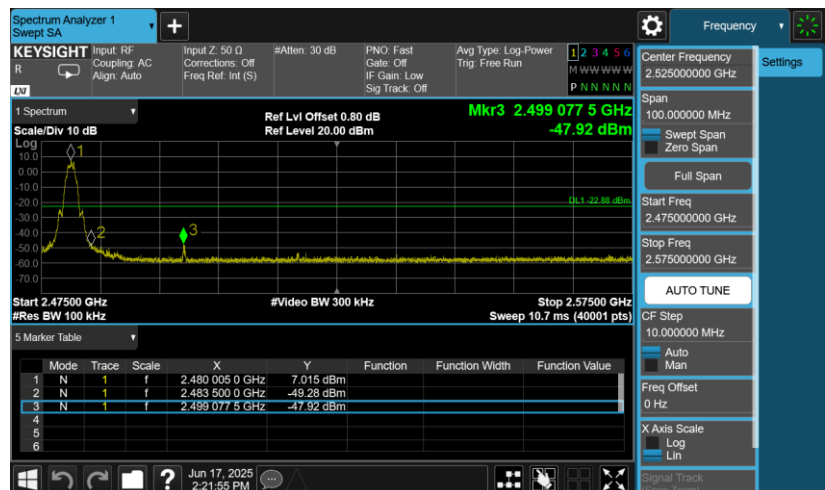
Conducted Band Edge

BLE 2M

Low ch

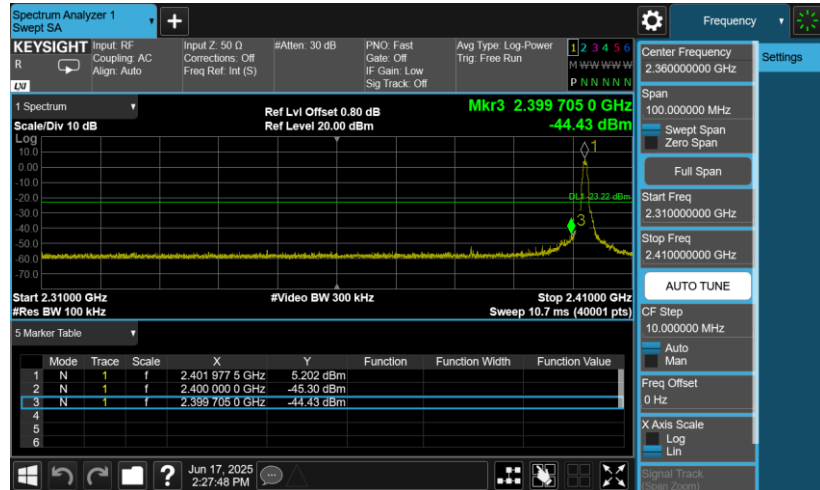


High ch

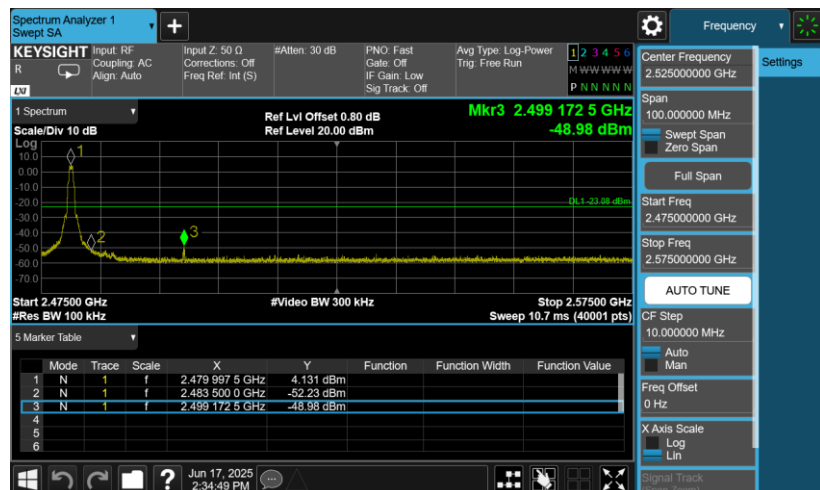


BLR C8

Low ch

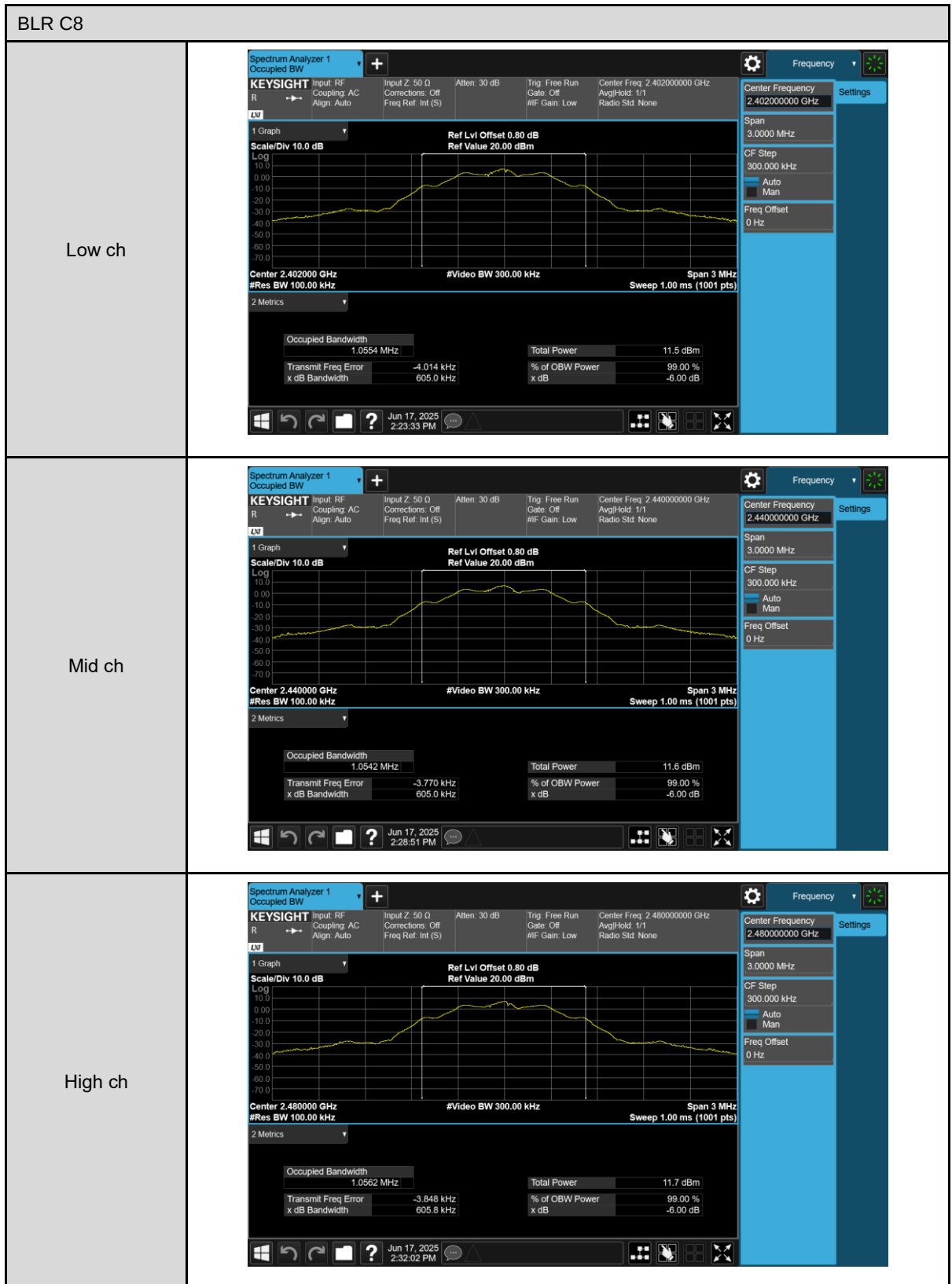


High ch

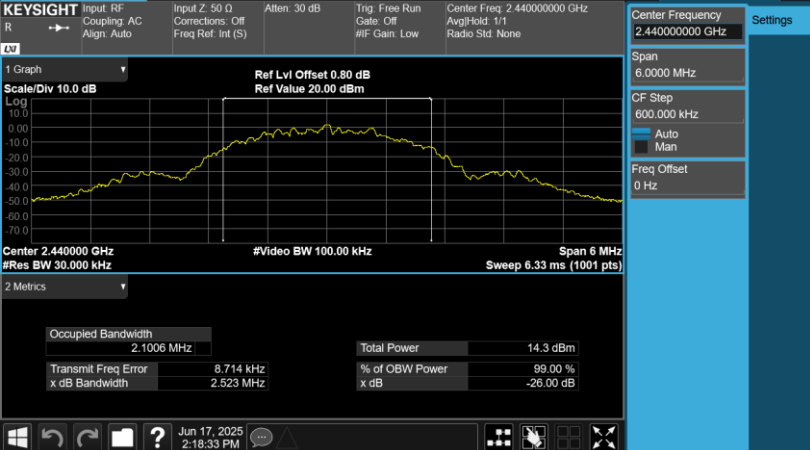
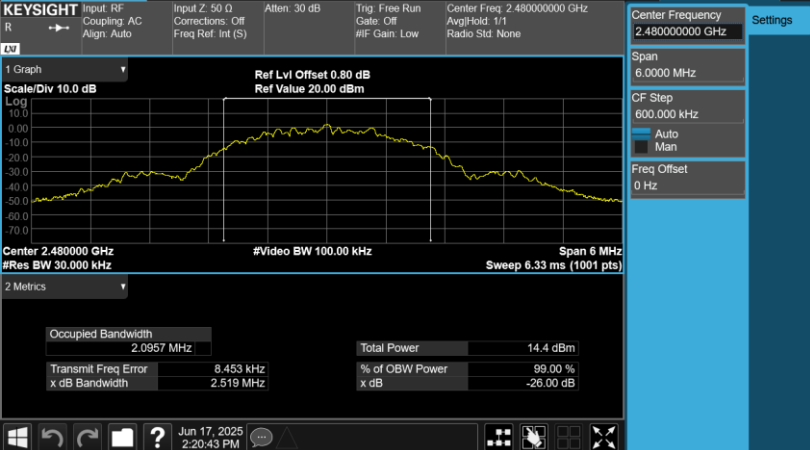


6 dB Bandwidth

BLE 2M Low ch	
Mid ch	
High ch	

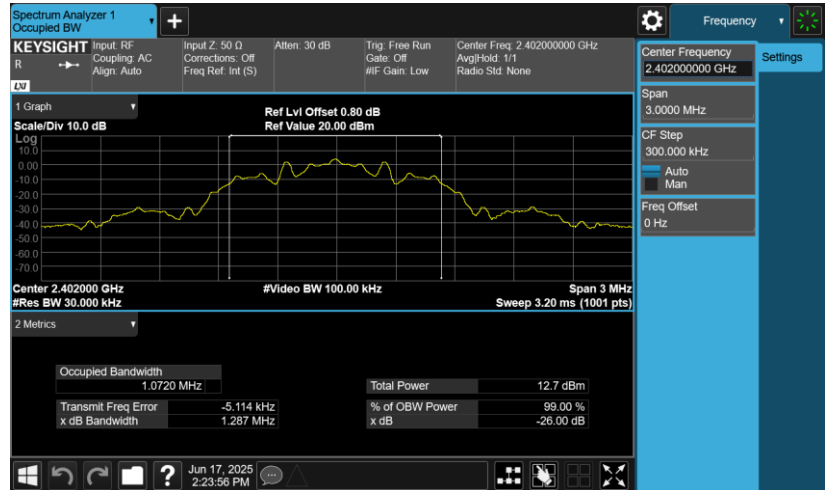


99 % Occupied Bandwidth

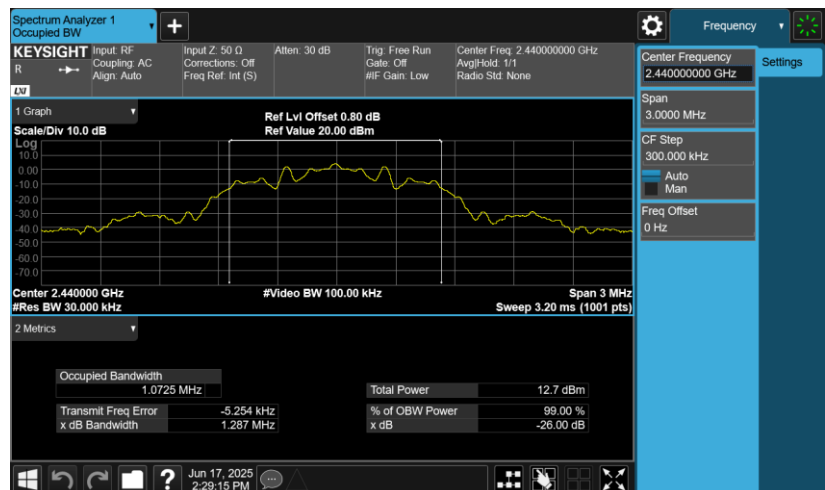
BLE 2M Low ch	 Center Frequency: 2.40200000 GHz Span: 6.0000 MHz CF Step: 600.000 kHz Freq Offset: 0 Hz Center Freq: 2.40200000 GHz Ref Lvl Offset: 0.80 dB Ref Value: 20.00 dBm Scale/Div: 10.0 dB Log Center: 2.402000 GHz #Res BW: 30.000 kHz #Video BW: 100.00 kHz Span: 6 MHz Sweep: 6.33 ms (1001 pts) 2 Metrics Occupied Bandwidth: 2.1015 MHz Total Power: 14.3 dBm Transmit Freq Error: 7.833 kHz % of OBW Power: 99.00 % x dB Bandwidth: 2.522 MHz x dB Jun 17, 2025 2:15:56 PM
Mid ch	 Center Frequency: 2.44000000 GHz Span: 6.0000 MHz CF Step: 600.000 kHz Freq Offset: 0 Hz Center Freq: 2.44000000 GHz Ref Lvl Offset: 0.80 dB Ref Value: 20.00 dBm Scale/Div: 10.0 dB Log Center: 2.440000 GHz #Res BW: 30.000 kHz #Video BW: 100.00 kHz Span: 6 MHz Sweep: 6.33 ms (1001 pts) 2 Metrics Occupied Bandwidth: 2.1006 MHz Total Power: 14.3 dBm Transmit Freq Error: 8.714 kHz % of OBW Power: 99.00 % x dB Bandwidth: 2.523 MHz x dB Jun 17, 2025 2:18:33 PM
High ch	 Center Frequency: 2.48000000 GHz Span: 6.0000 MHz CF Step: 600.000 kHz Freq Offset: 0 Hz Center Freq: 2.48000000 GHz Ref Lvl Offset: 0.80 dB Ref Value: 20.00 dBm Scale/Div: 10.0 dB Log Center: 2.480000 GHz #Res BW: 30.000 kHz #Video BW: 100.00 kHz Span: 6 MHz Sweep: 6.33 ms (1001 pts) 2 Metrics Occupied Bandwidth: 2.0957 MHz Total Power: 14.4 dBm Transmit Freq Error: 8.453 kHz % of OBW Power: 99.00 % x dB Bandwidth: 2.519 MHz x dB Jun 17, 2025 2:20:43 PM

BLR C8

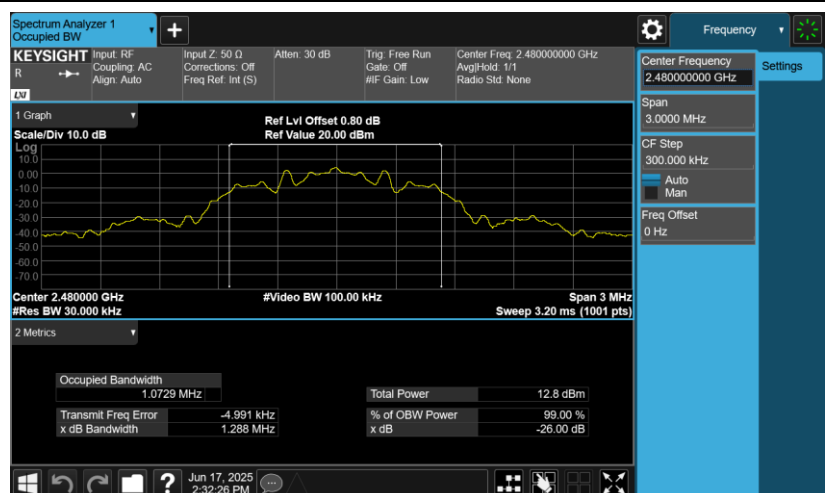
Low ch



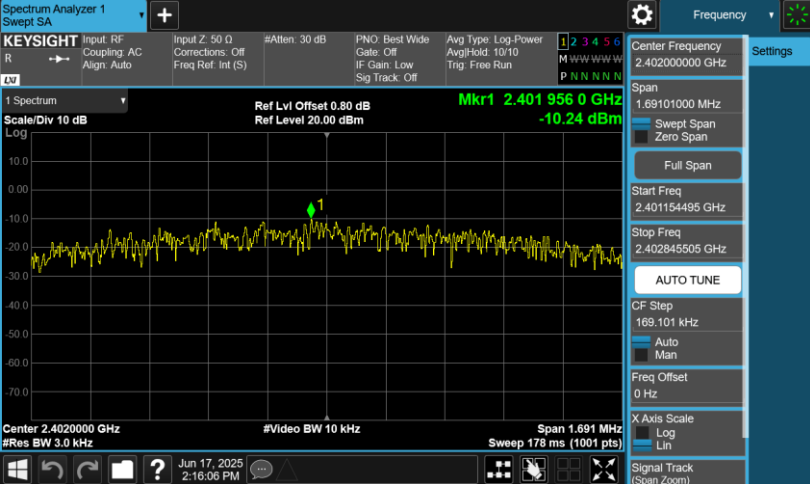
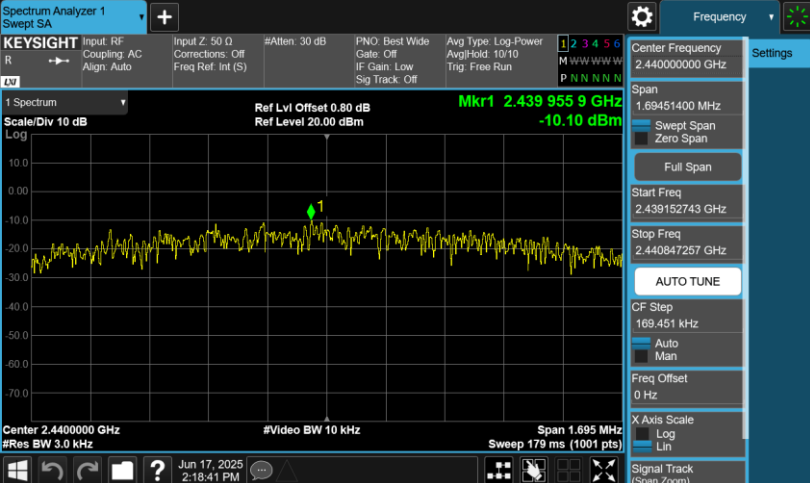
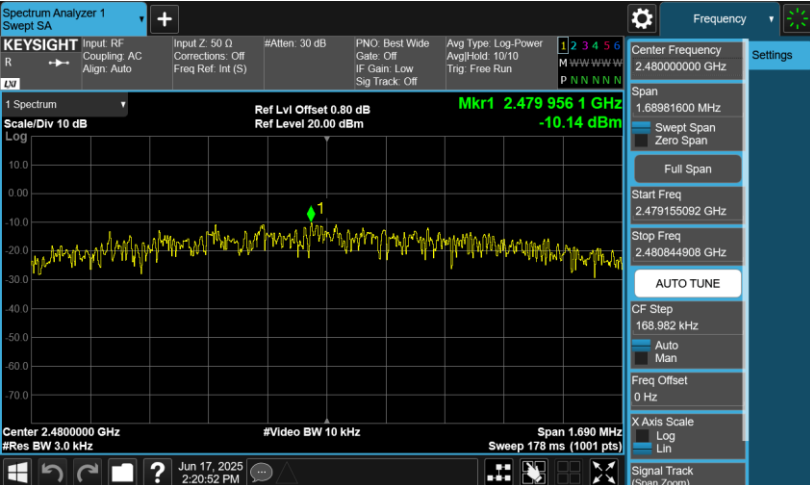
Mid ch



High ch

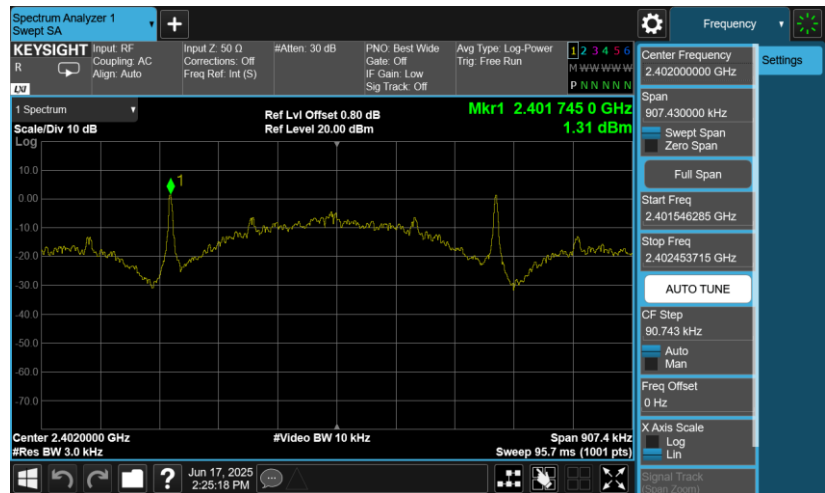


Power Density

BLE 2M	
Low ch	
Mid ch	
High ch	

BLR C8

Low ch



Mid ch



High ch

