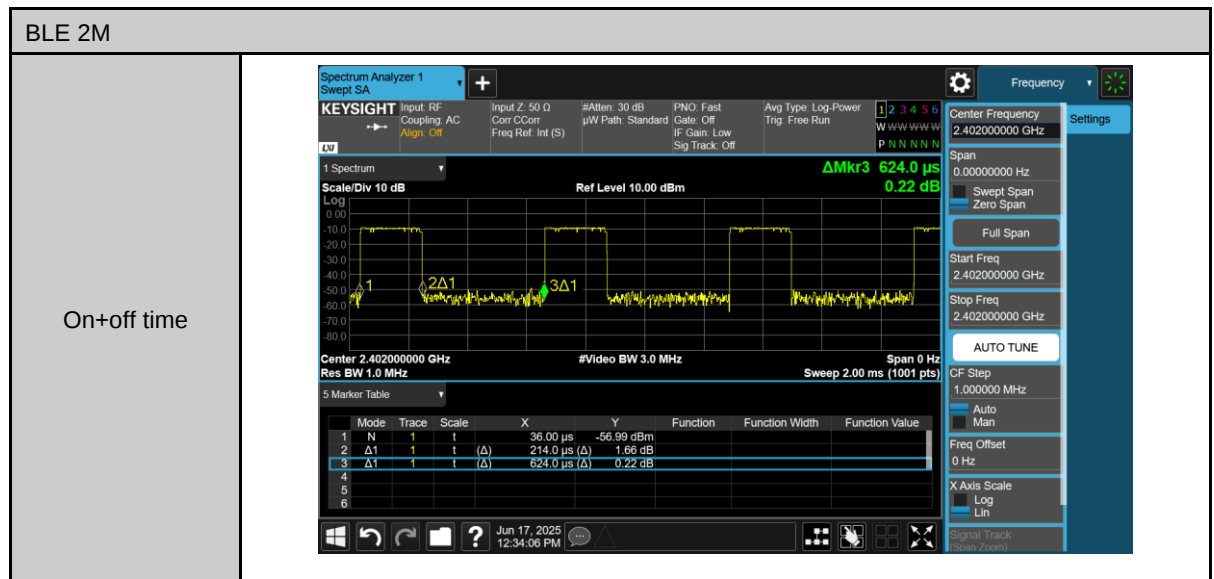
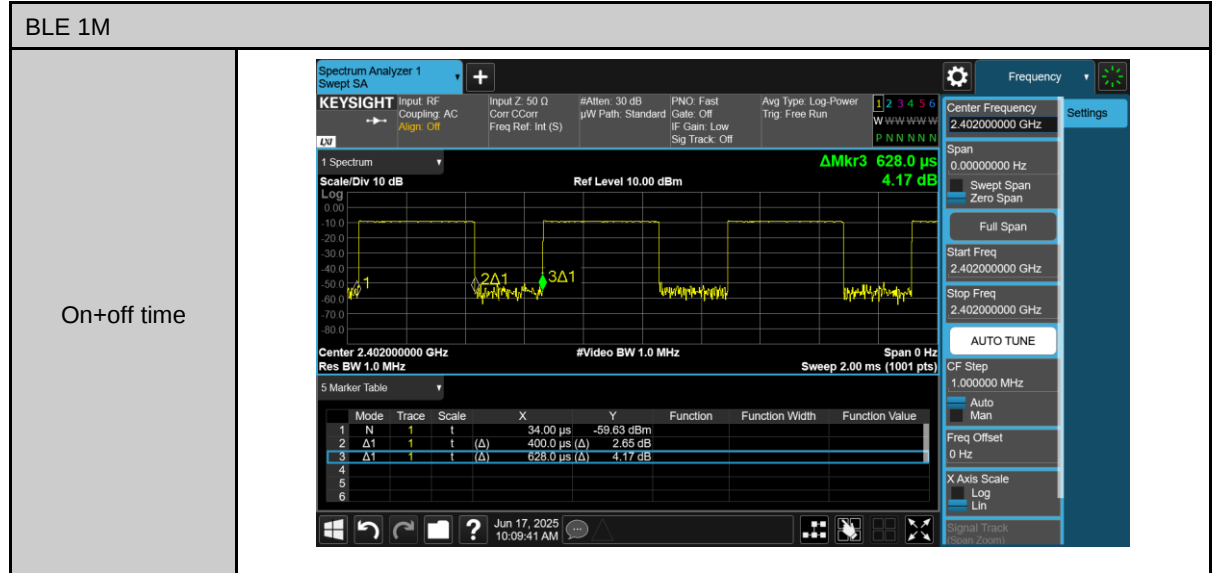
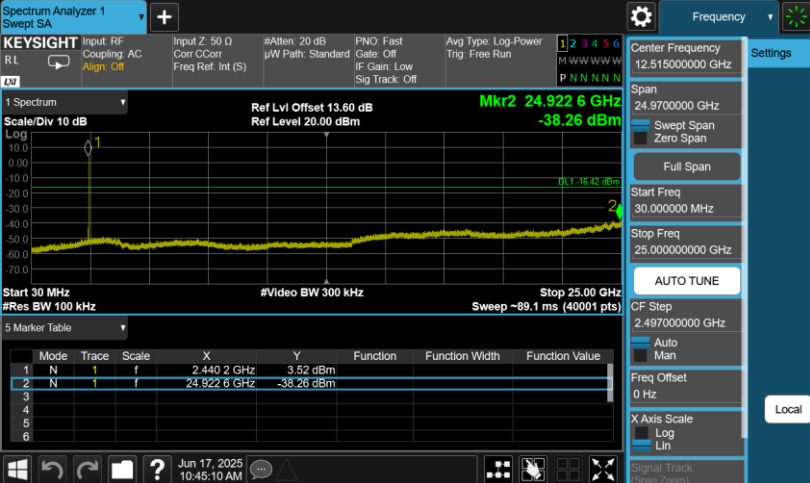
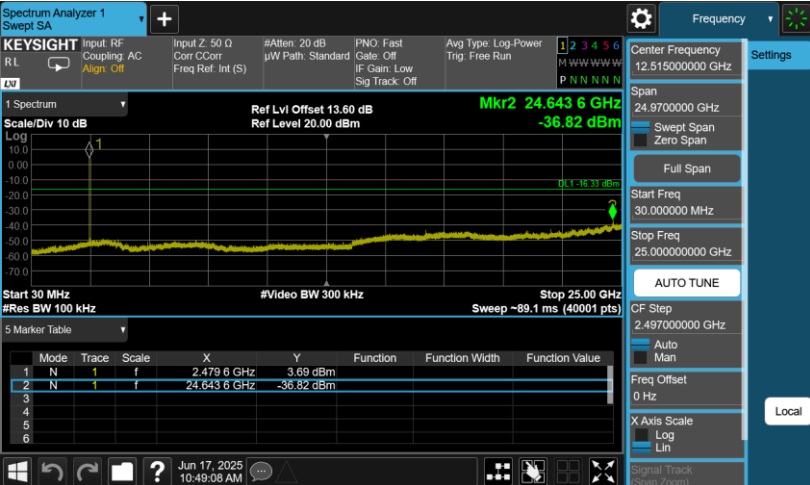


Appendix B. Test Plots

Duty cycle



Out of Band Conducted Spurious Emission

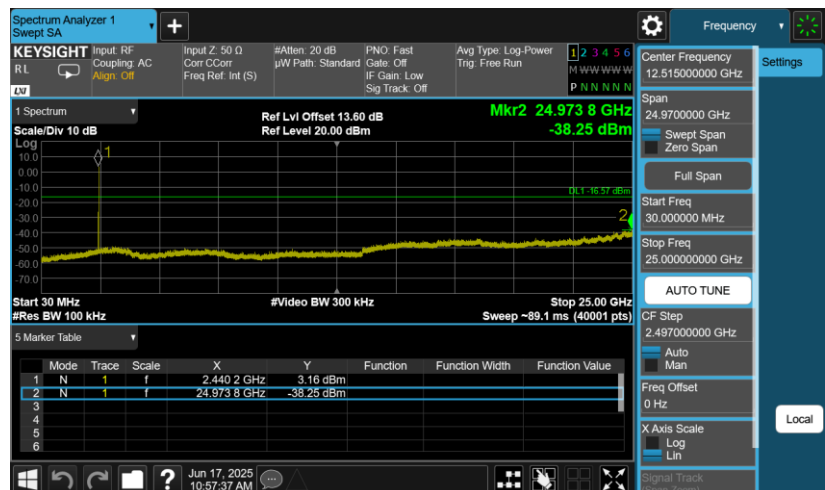
BLE 1M	 Low ch
Mid ch	 Mid ch
High ch	 High ch

BLE 2M

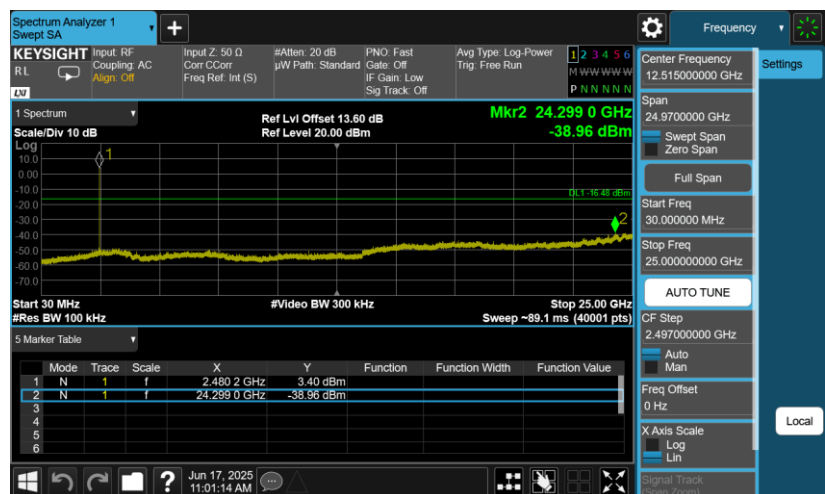
Low ch



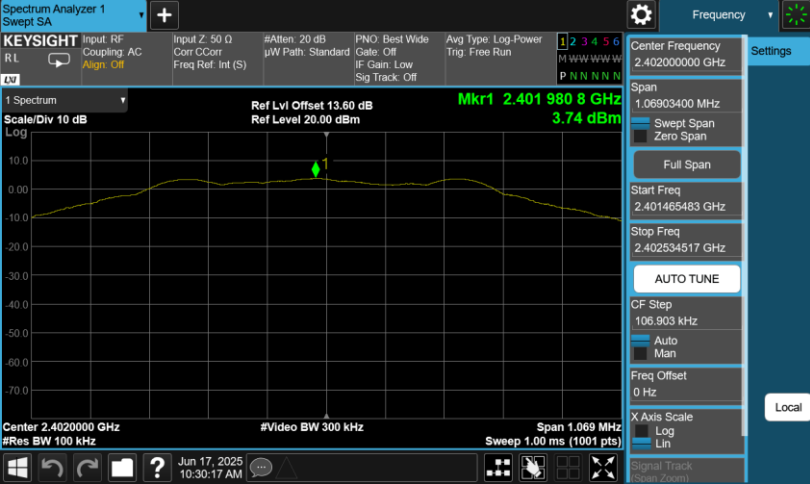
Mid ch

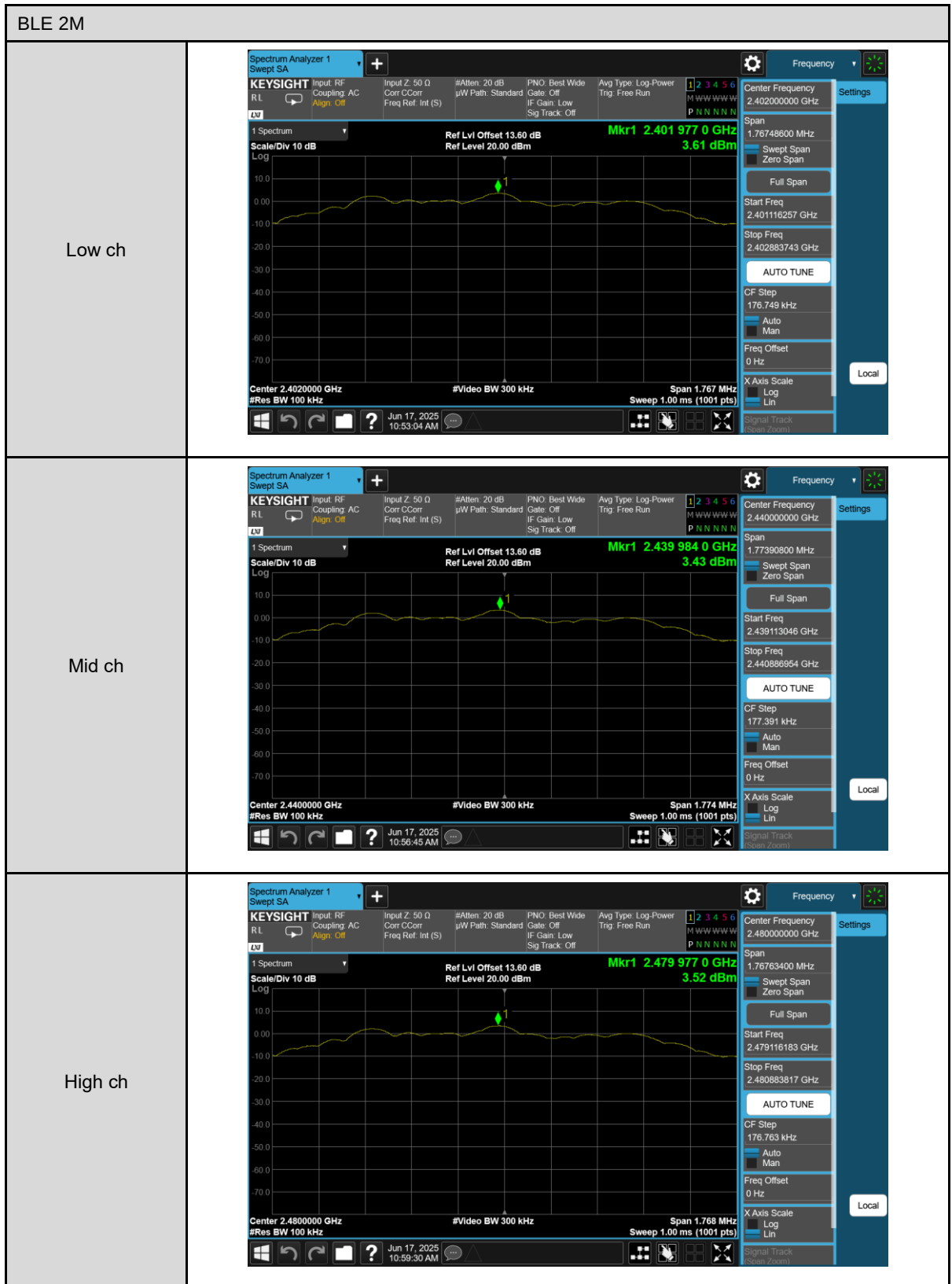


High ch



Reference level

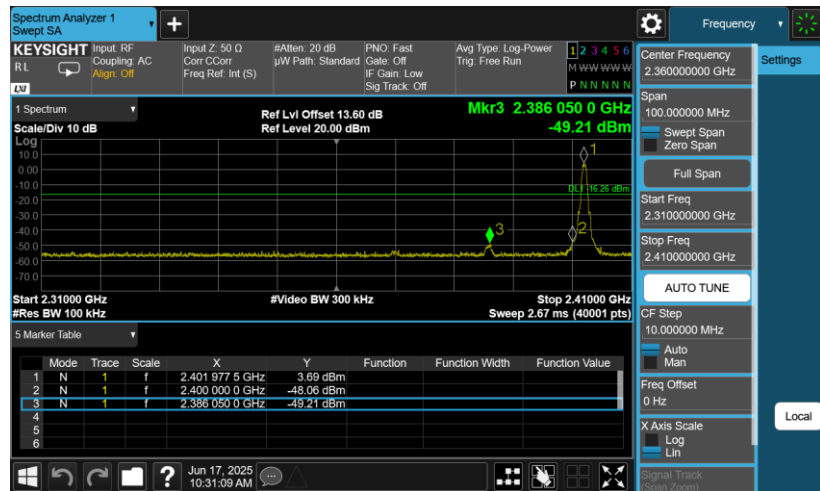
BLE 1M Low ch	 Center Frequency 2.40200000 GHz Span 1.06903400 MHz Start Freq 2.401465483 GHz Stop Freq 2.402534517 GHz AUTO TUNE CF Step 106.903 kHz Freq Offset 0 Hz X Axis Scale Log Signal Track
Mid ch	 Center Frequency 2.44000000 GHz Span 1.06677800 MHz Start Freq 2.439467111 GHz Stop Freq 2.440532889 GHz AUTO TUNE CF Step 106.576 kHz Freq Offset 0 Hz X Axis Scale Log Signal Track
High ch	 Center Frequency 2.48000000 GHz Span 1.06357800 MHz Start Freq 2.479468211 GHz Stop Freq 2.480531789 GHz AUTO TUNE CF Step 106.358 kHz Freq Offset 0 Hz X Axis Scale Log Signal Track



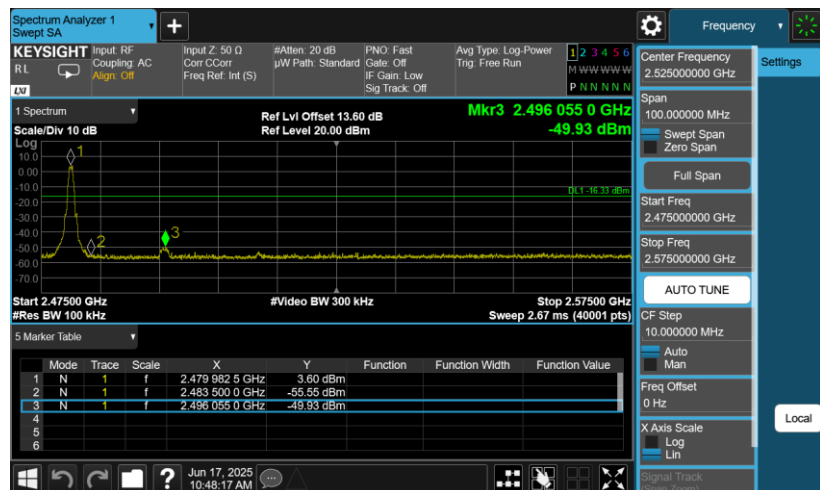
Conducted Band Edge

BLE 1M

Low ch

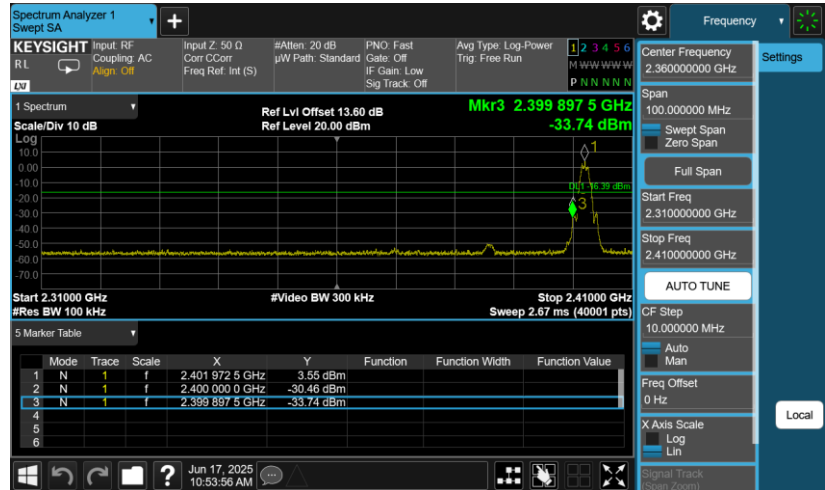


High ch

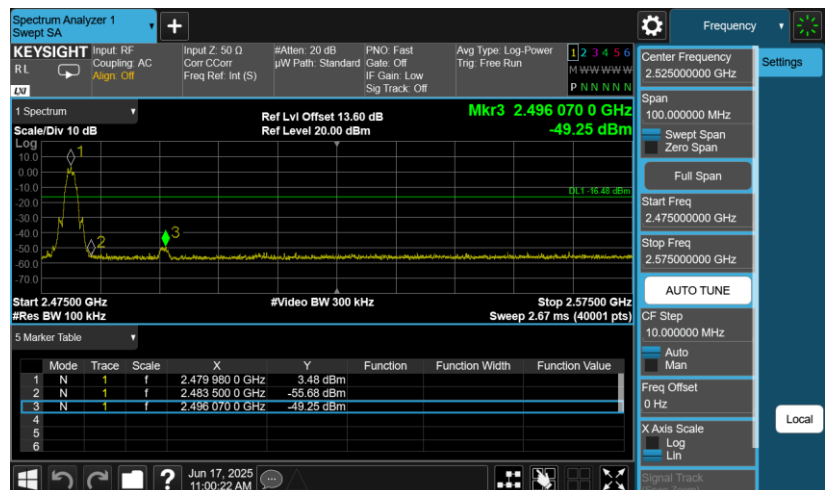


BLE 2M

Low ch

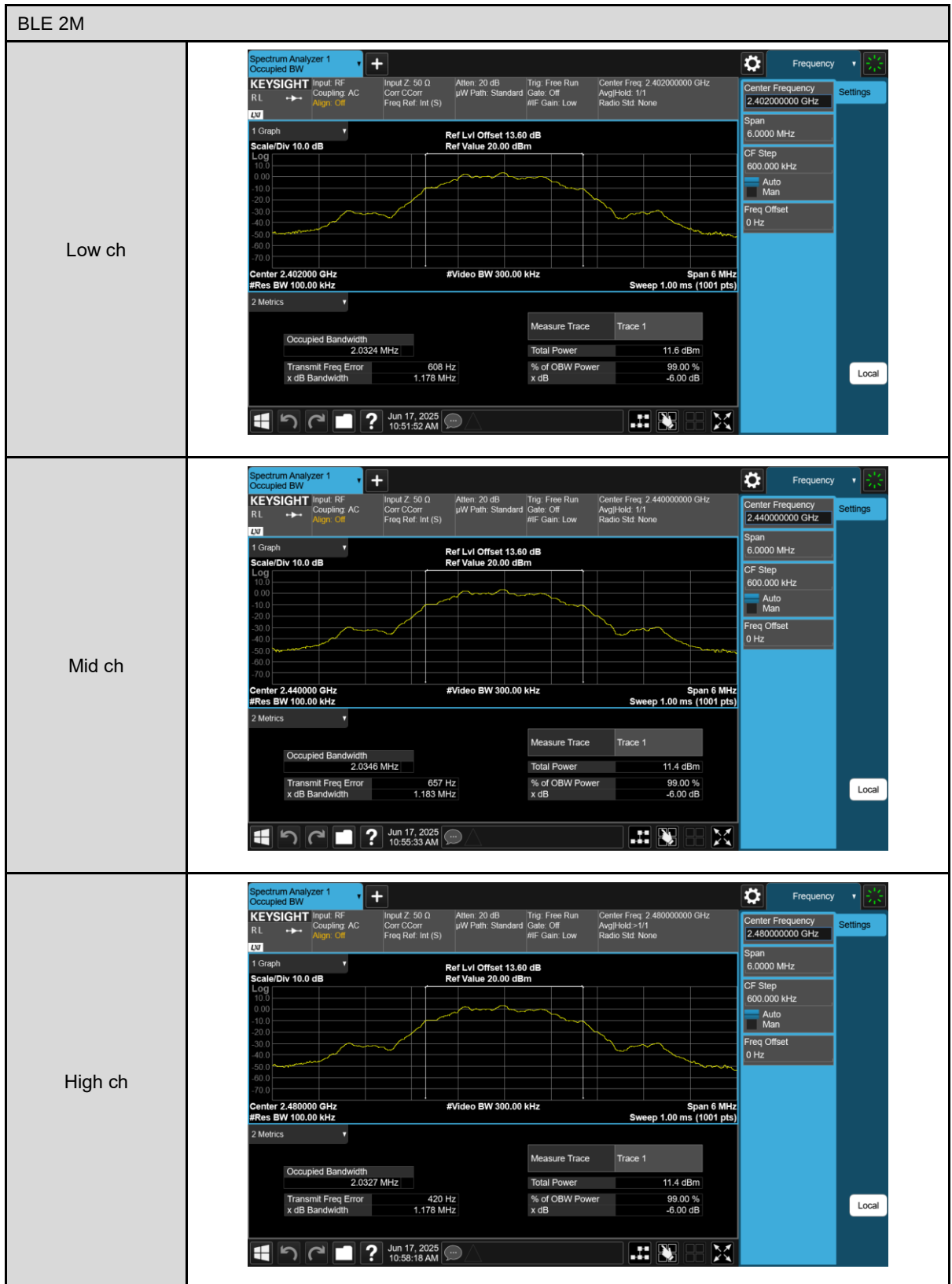


High ch

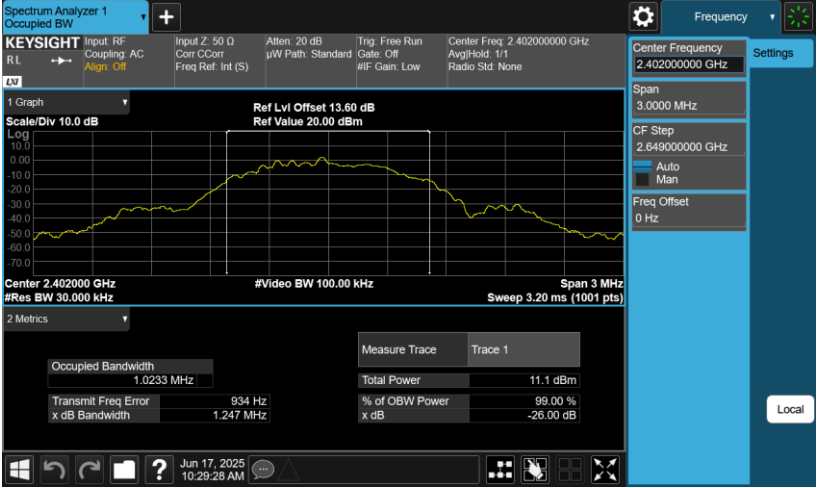
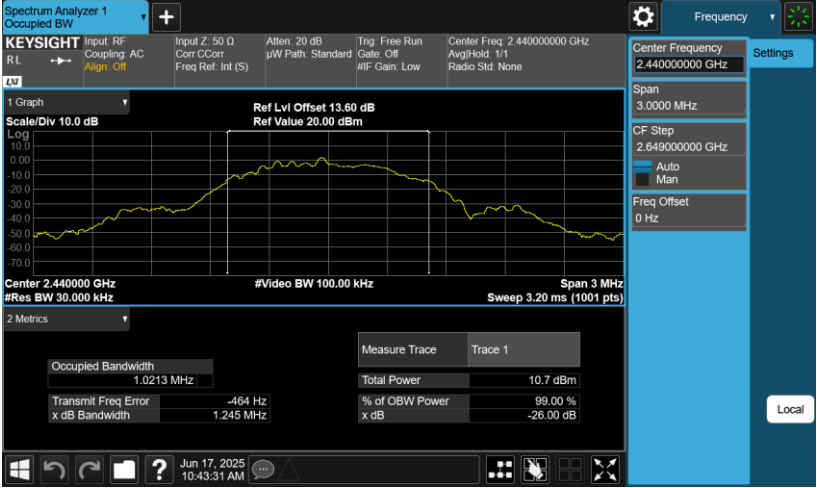


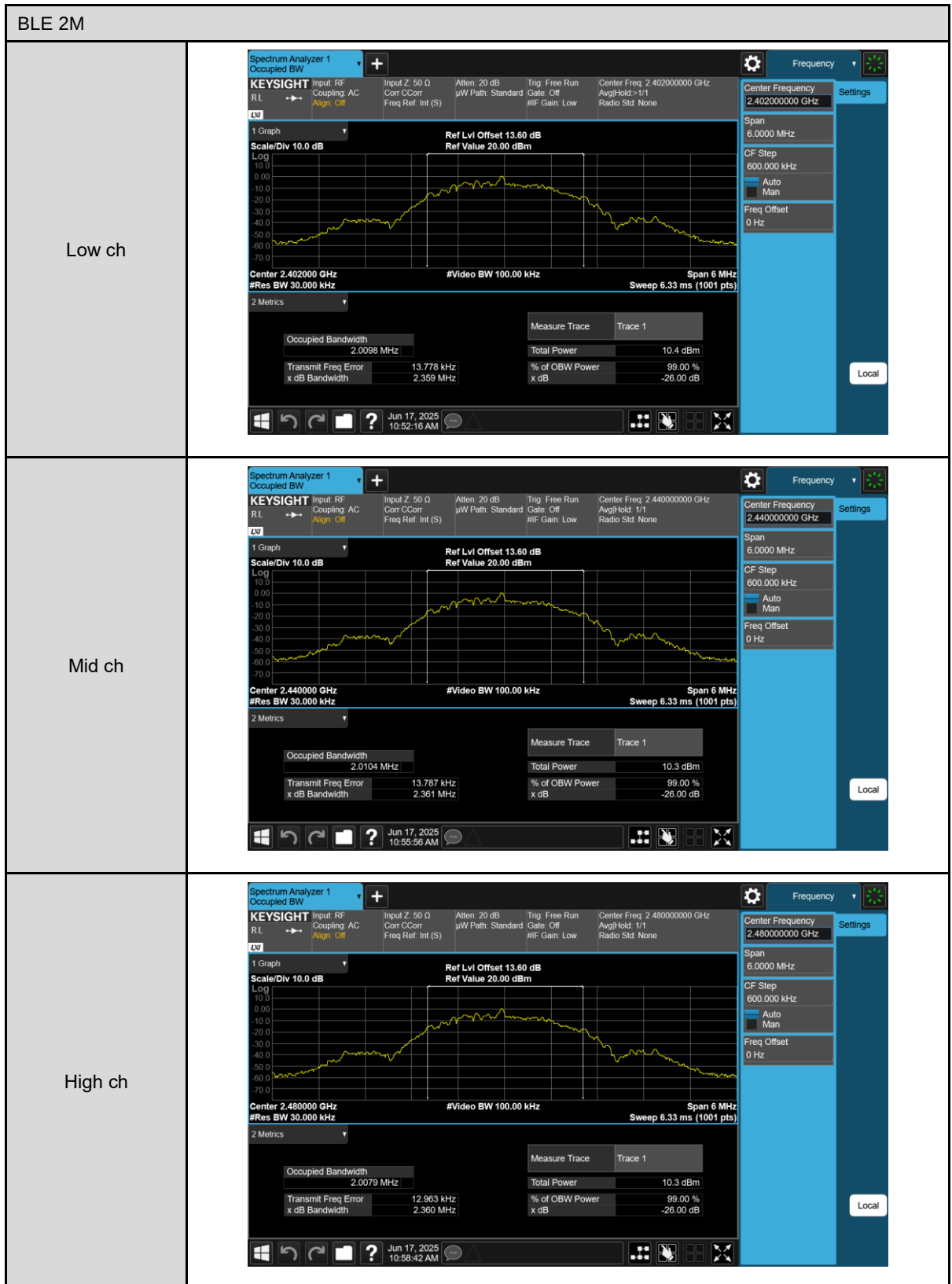
6 dB Bandwidth

BLE 1M	
Low ch	 Center Frequency: 2.402000000 GHz Span: 3.0000 MHz CF Step: 2.649000000 GHz Freq Offset: 0 Hz Occupied Bandwidth: 1.0457 MHz Transmit Freq Error: -5.842 kHz x dB Bandwidth: 712.7 kHz Total Power: 11.1 dBm % of OBW Power: 99.00 % x dB: -6.00 dB
Mid ch	 Center Frequency: 2.440000000 GHz Span: 3.0000 MHz CF Step: 2.649000000 GHz Freq Offset: 0 Hz Occupied Bandwidth: 1.0440 MHz Transmit Freq Error: -6.990 kHz x dB Bandwidth: 710.5 kHz Total Power: 10.8 dBm % of OBW Power: 99.00 % x dB: -6.00 dB
High ch	 Center Frequency: 2.480000000 GHz Span: 3.0000 MHz CF Step: 2.649000000 GHz Freq Offset: 0 Hz Occupied Bandwidth: 1.0454 MHz Transmit Freq Error: -6.091 kHz x dB Bandwidth: 709.1 kHz Total Power: 10.9 dBm % of OBW Power: 99.00 % x dB: -6.00 dB



99 % Occupied Bandwidth

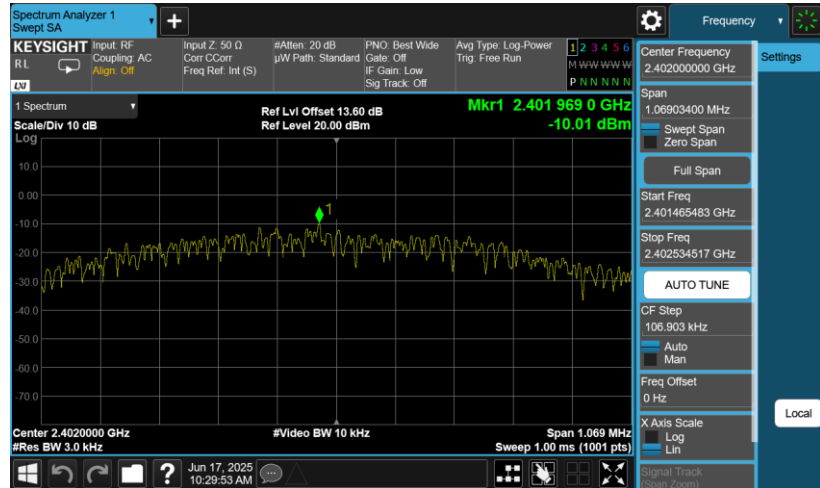
BLE 1M Low ch	 Center Frequency: 2.402000000 GHz Span: 3.0000 MHz CF Step: 2.649000000 GHz Freq Offset: 0 Hz Occupied Bandwidth: 1.0233 MHz Total Power: 11.1 dBm % of OBW Power: 99.00 %
Mid ch	 Center Frequency: 2.440000000 GHz Span: 3.0000 MHz CF Step: 2.649000000 GHz Freq Offset: 0 Hz Occupied Bandwidth: 1.0213 MHz Total Power: 10.7 dBm % of OBW Power: 99.00 %
High ch	 Center Frequency: 2.480000000 GHz Span: 3.0000 MHz CF Step: 2.649000000 GHz Freq Offset: 0 Hz Occupied Bandwidth: 1.0223 MHz Total Power: 10.8 dBm % of OBW Power: 99.00 %



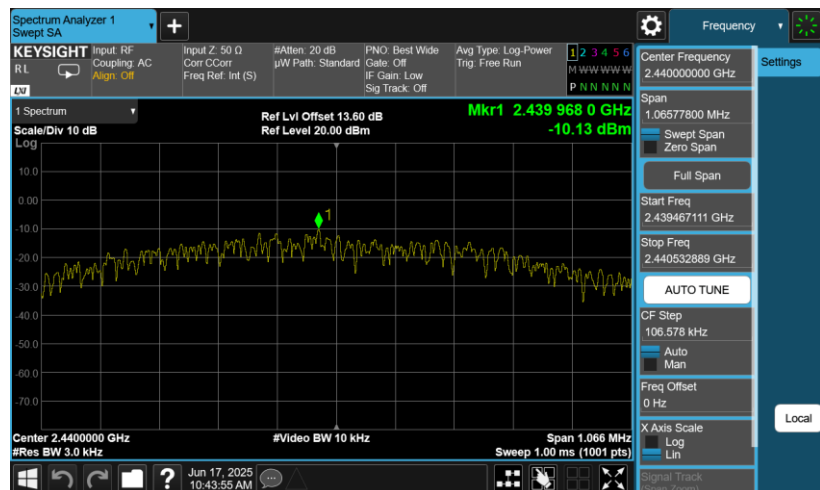
Power Density

BLE 1M

Low ch



Mid ch



High ch

