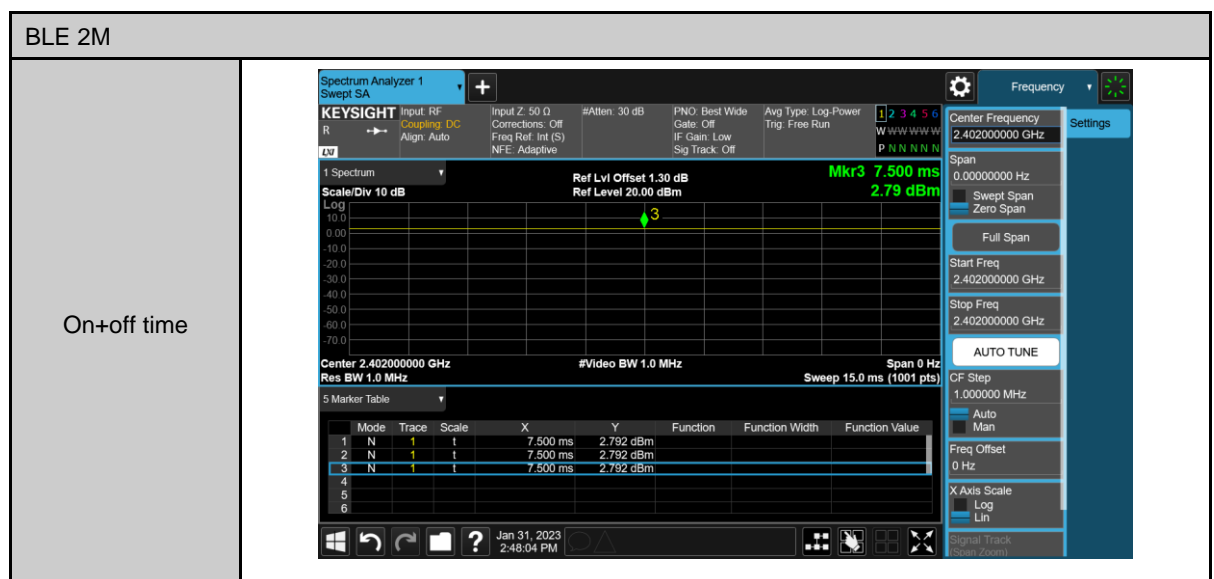
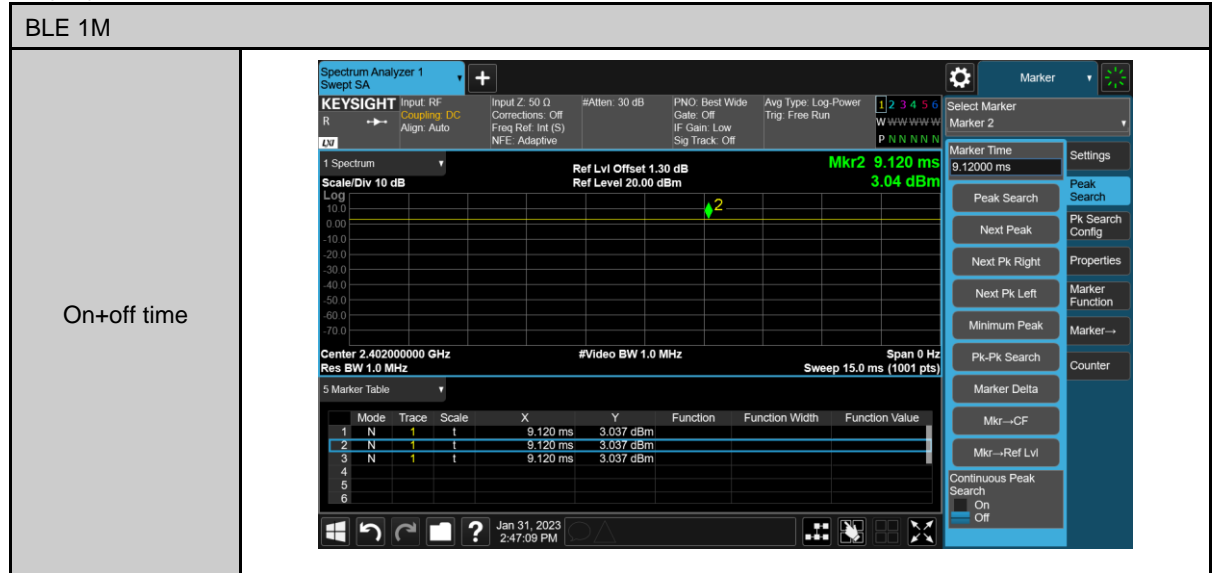


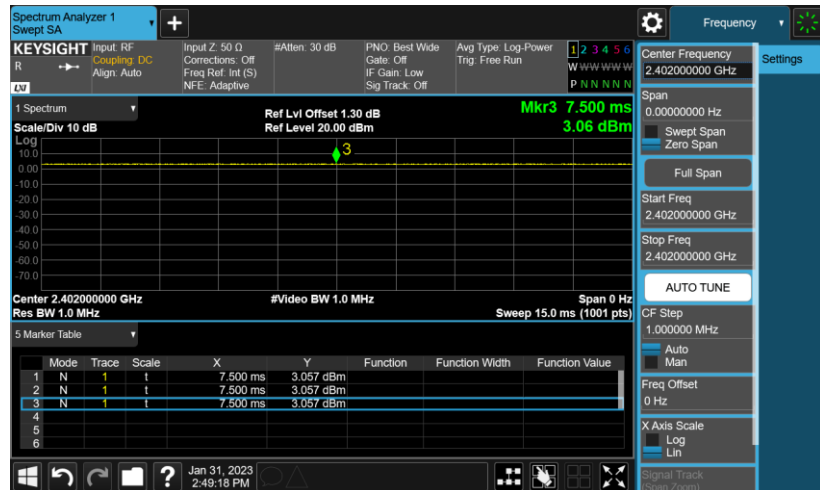
## Appendix B. Test Plots

### Duty Cycle



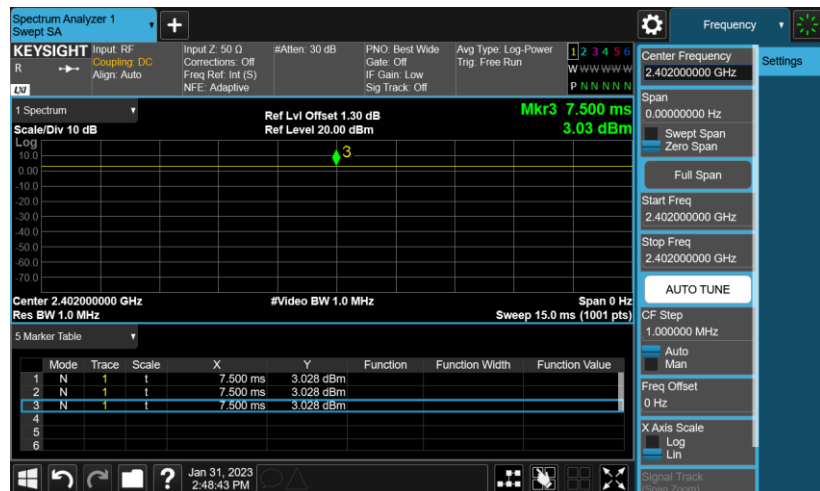
BLR C2

On+off time



BLR C8

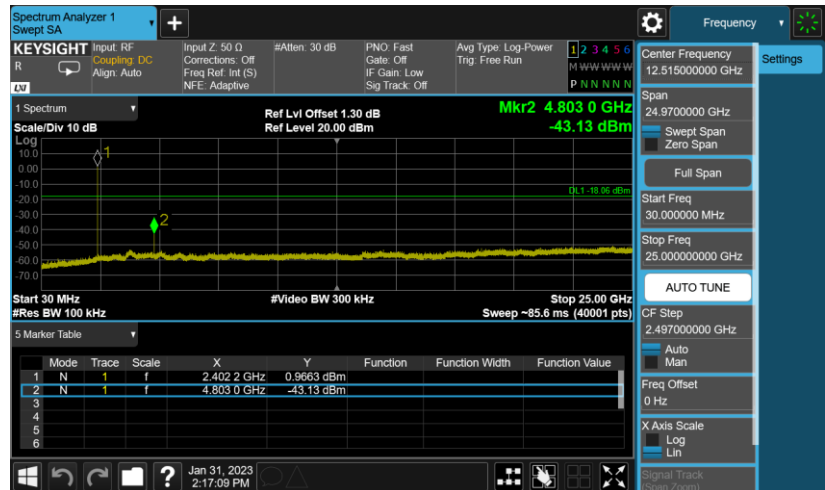
On+off time



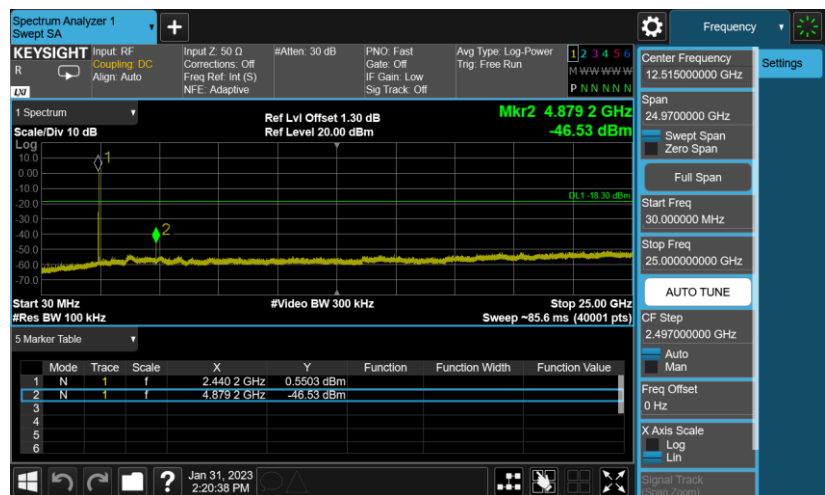
## Out of Band Conducted Spurious Emission

BLE 2M

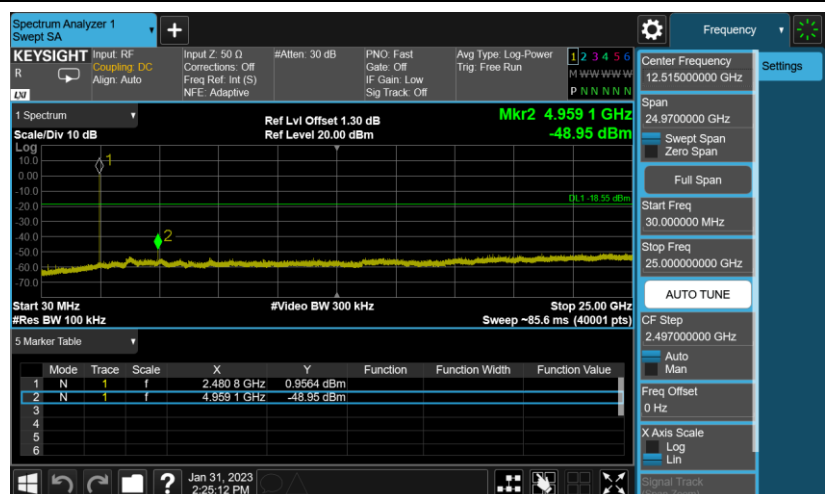
Low ch


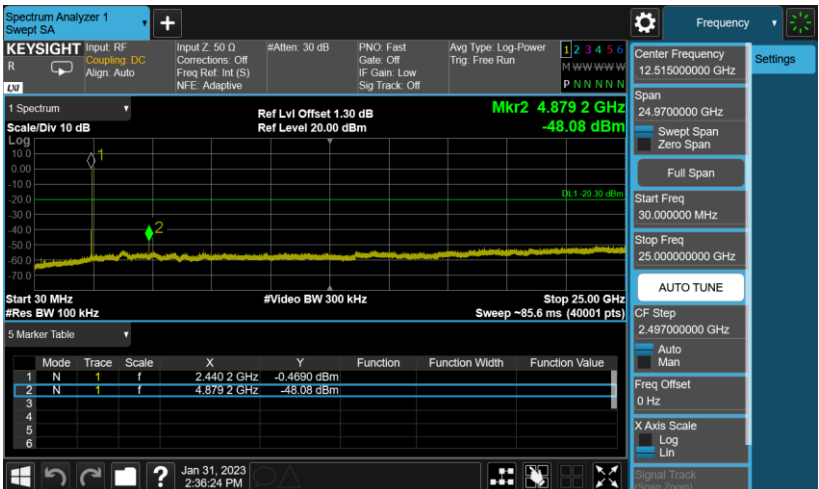
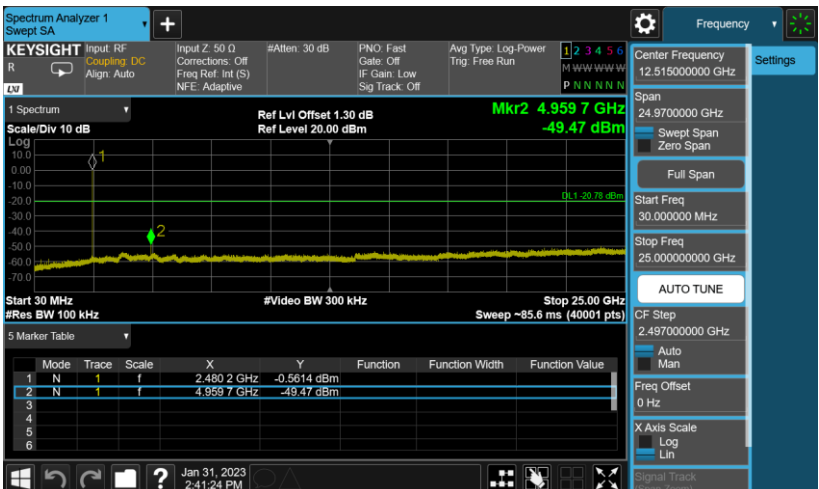


Mid ch






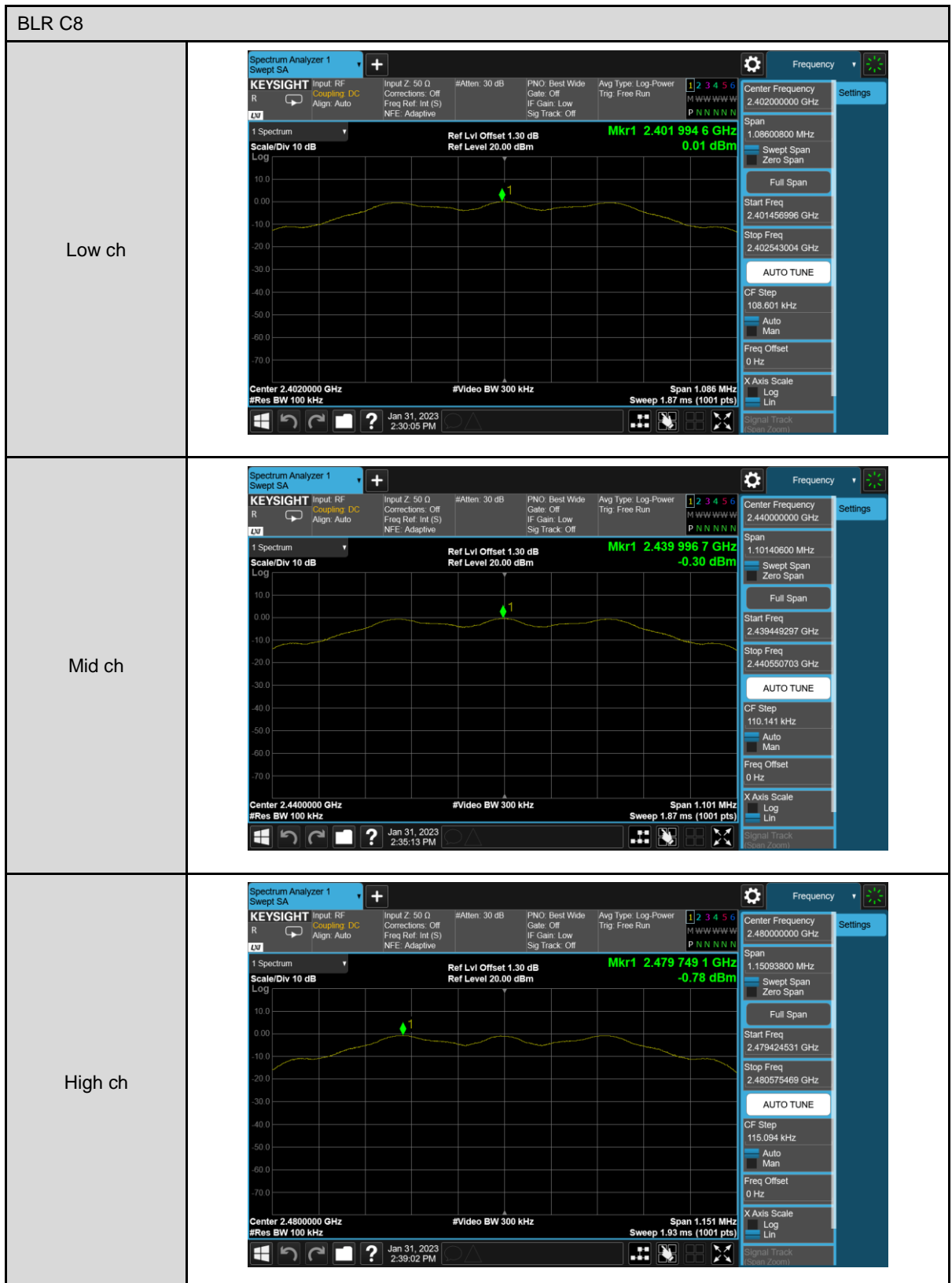
High ch



BLR C8	 <p><b>Low ch</b></p>
Mid ch	 <p><b>Mid ch</b></p>
High ch	 <p><b>High ch</b></p>

## Reference level

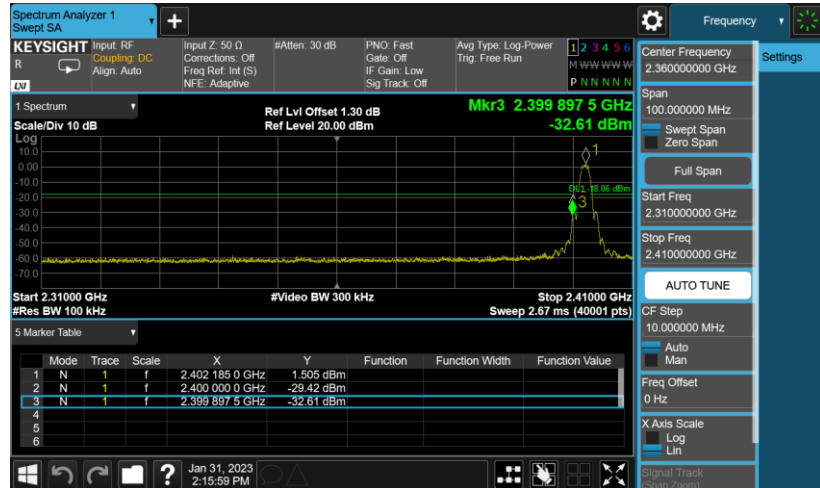
BLE 2M	 <p>             Spectrum Analyzer 1              Swept SA           </p> <p> <b>KEYSIGHT</b> Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) NFE: Adaptive #Atten: 30 dB IPNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off Avg Type: Log-Power Trg: Free Run           </p> <p>             1 Spectrum Scale/Div 10 dB Log Ref Lvl Offset 1.30 dB Mkr1 2.401 977 0 GHz 1.94 dBm Ref Level 20.00 dBm           </p> <p>             Center 2.402000 GHz #Res BW 100 kHz #Video BW 300 kHz Span 2.095 MHz Sweep 3.53 ms (1001 pts)           </p> <p>             Jan 31, 2023 2:14:47 PM           </p>
Mid ch	 <p>             Spectrum Analyzer 1              Swept SA           </p> <p> <b>KEYSIGHT</b> Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) NFE: Adaptive #Atten: 30 dB IPNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off Avg Type: Log-Power Trg: Free Run           </p> <p>             1 Spectrum Scale/Div 10 dB Log Ref Lvl Offset 1.30 dB Mkr1 2.439 982 9 GHz 1.70 dBm Ref Level 20.00 dBm           </p> <p>             Center 2.440000 GHz #Res BW 100 kHz #Video BW 300 kHz Span 2.133 MHz Sweep 3.60 ms (1001 pts)           </p> <p>             Jan 31, 2023 2:19:31 PM           </p>
High ch	 <p>             Spectrum Analyzer 1              Swept SA           </p> <p> <b>KEYSIGHT</b> Input: RF Coupling: DC Align: Auto Input Z: 50 Ω Corrections: Off Freq Ref: Int (S) NFE: Adaptive #Atten: 30 dB IPNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off Avg Type: Log-Power Trg: Free Run           </p> <p>             1 Spectrum Scale/Div 10 dB Log Ref Lvl Offset 1.30 dB Mkr1 2.479 487 1 GHz 1.45 dBm Ref Level 20.00 dBm           </p> <p>             Center 2.480000 GHz #Res BW 100 kHz #Video BW 300 kHz Span 2.164 MHz Sweep 3.67 ms (1001 pts)           </p> <p>             Jan 31, 2023 2:22:52 PM           </p>



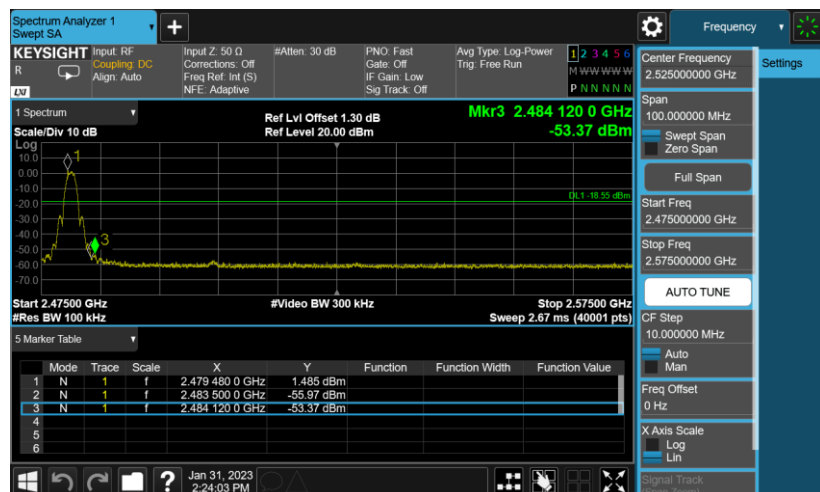
## Conducted Band Edge

BLE 2M

Low ch

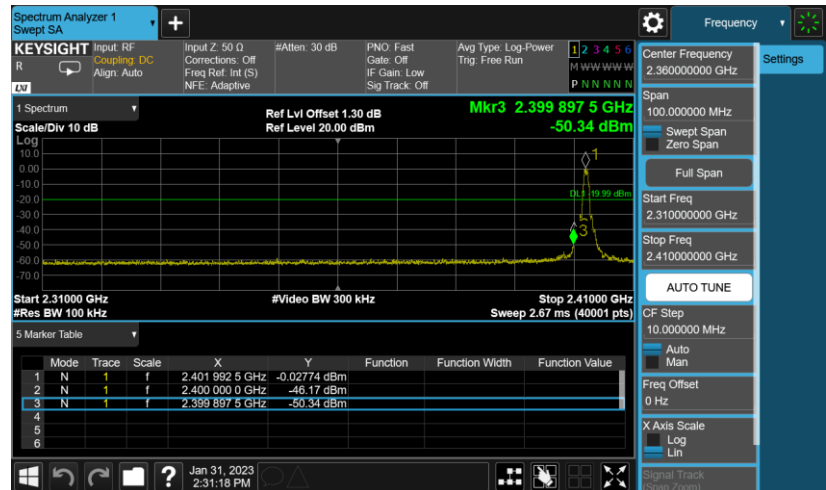


High ch

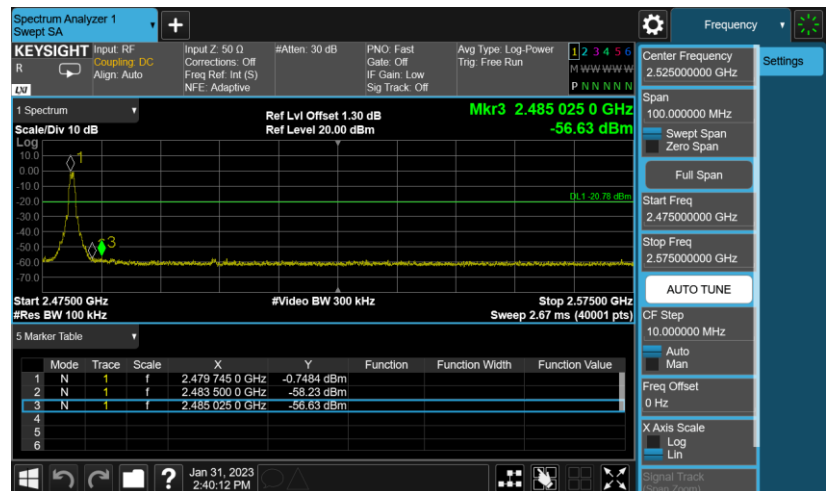


BLR C8

Low ch






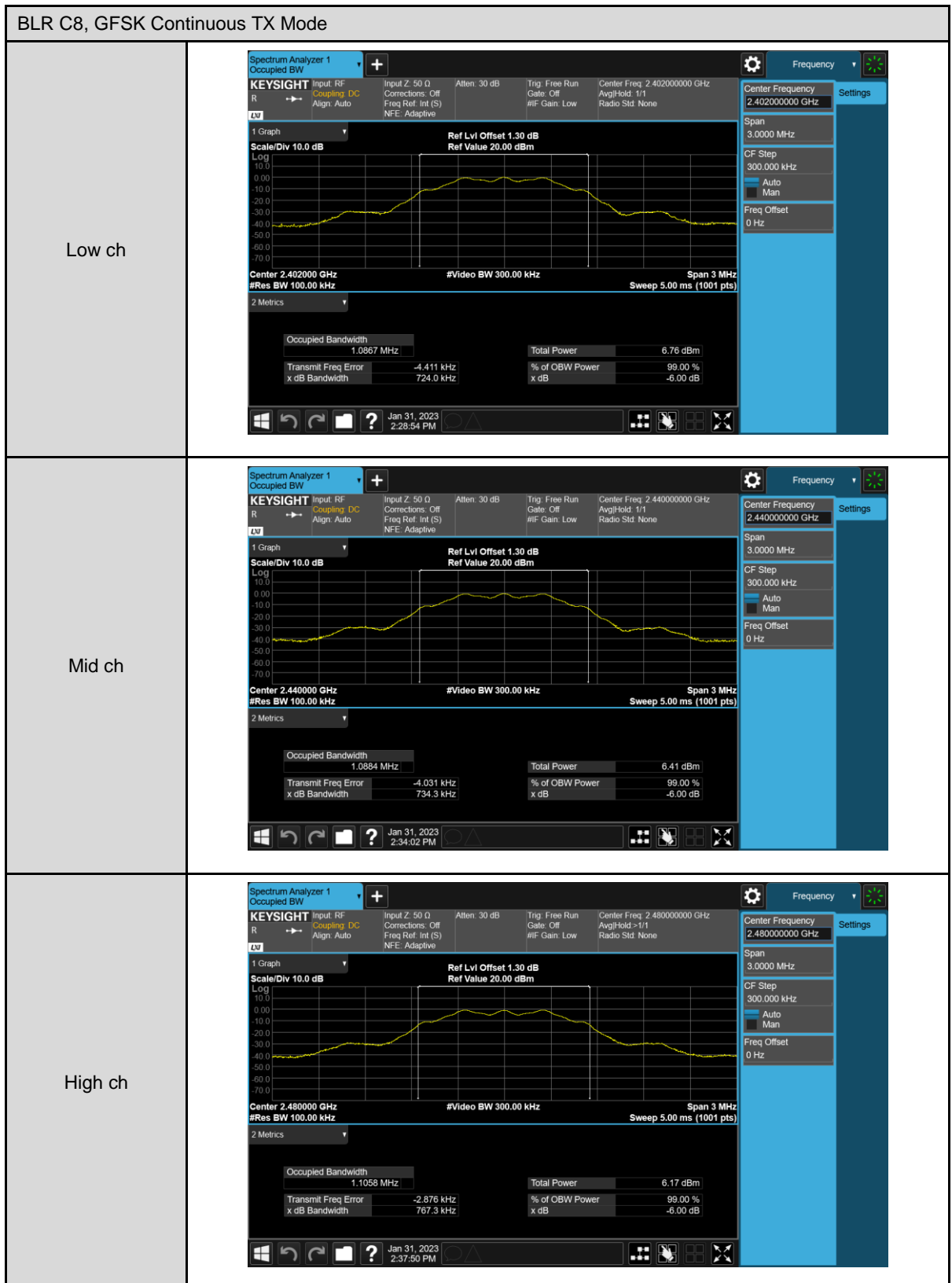
High ch



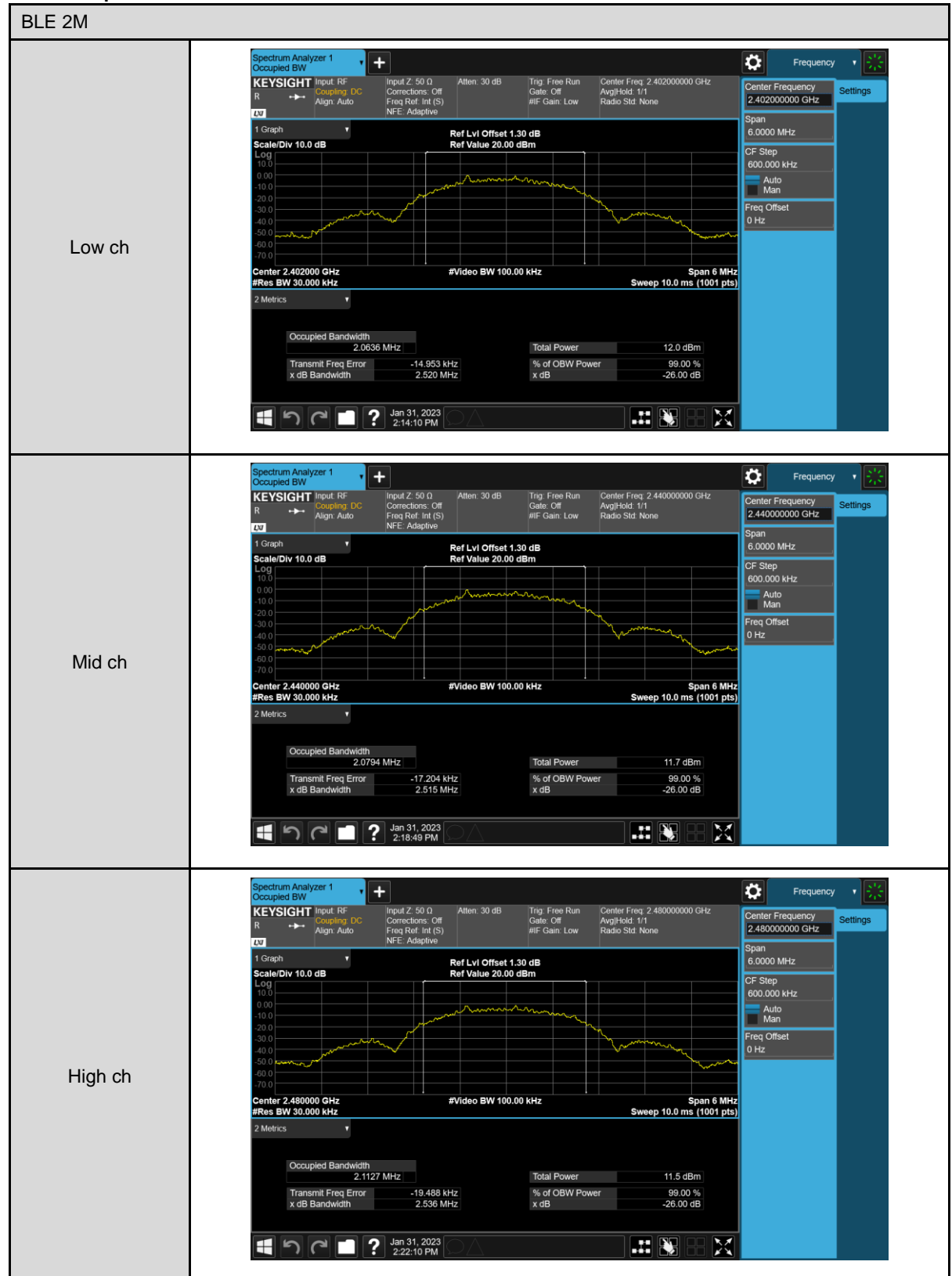


## 6 dB Bandwidth

BLE 2M	
Low ch	
Mid ch	
High ch	

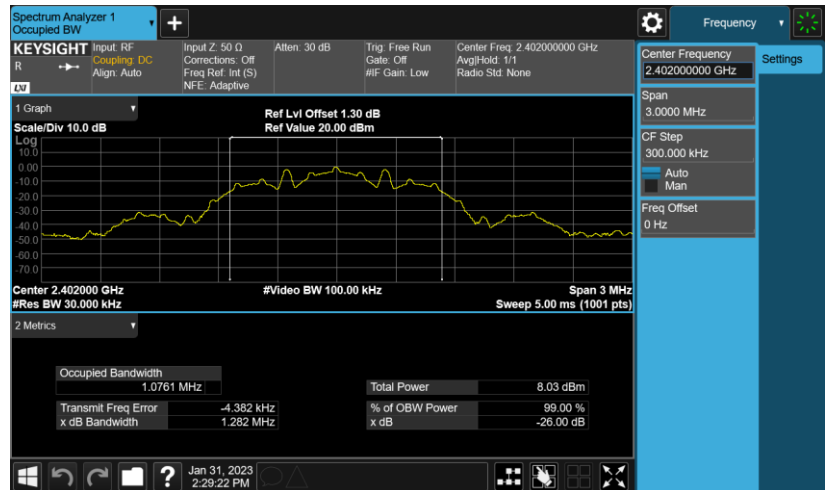


## 99 % Occupied Bandwidth

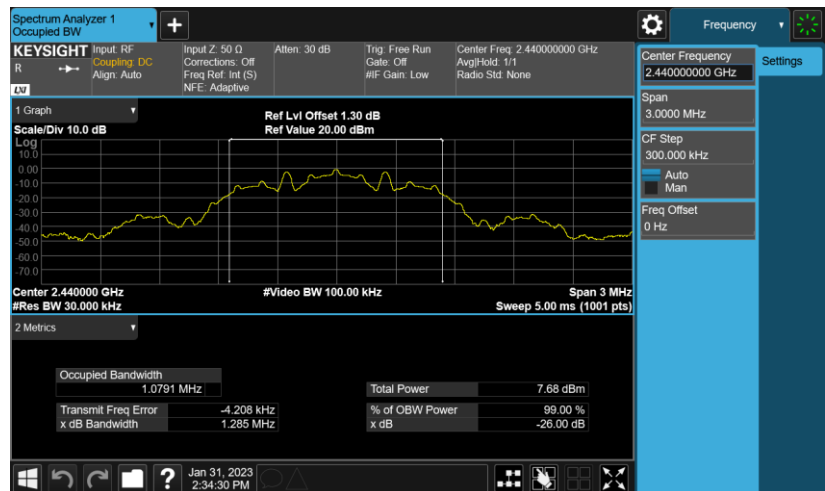


BLR C8, GFSK Continuous TX Mode

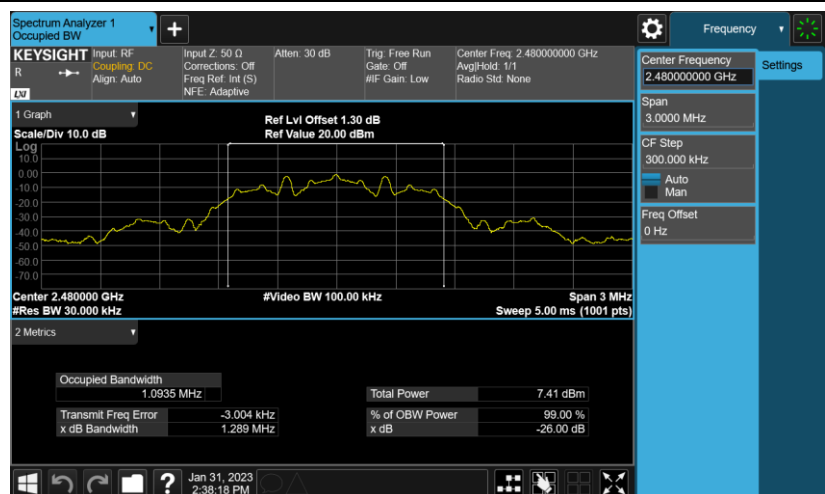
Low ch



Mid ch



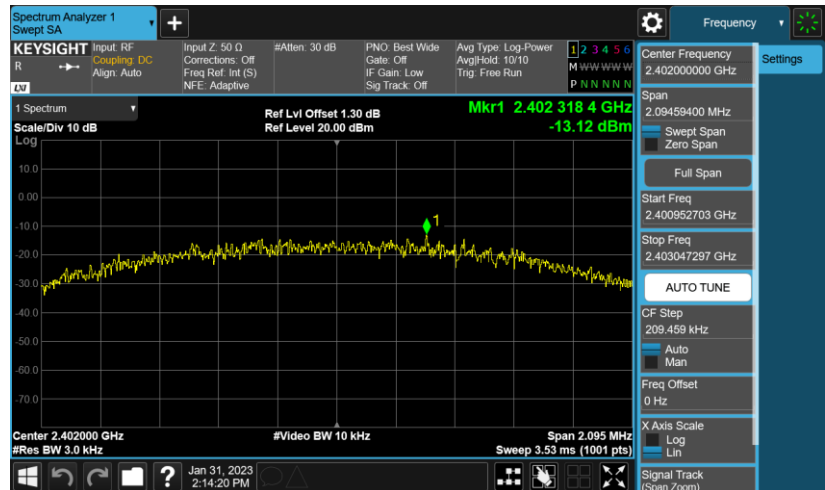
High ch



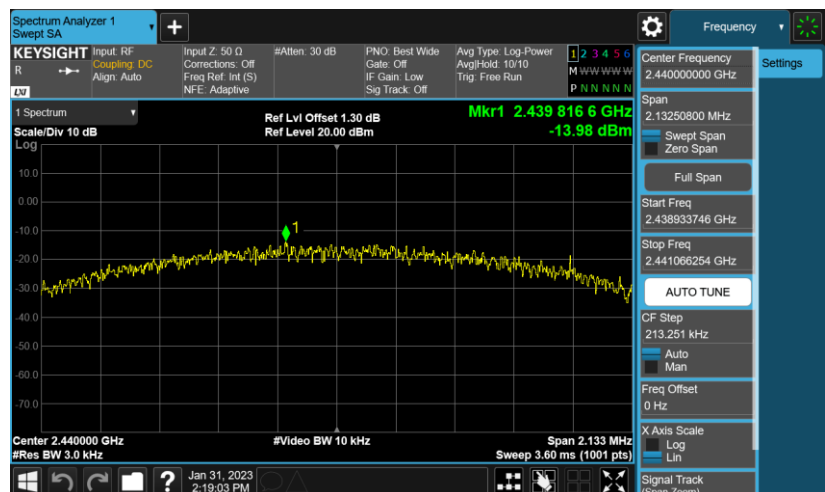
## Power Density

BLE 2M

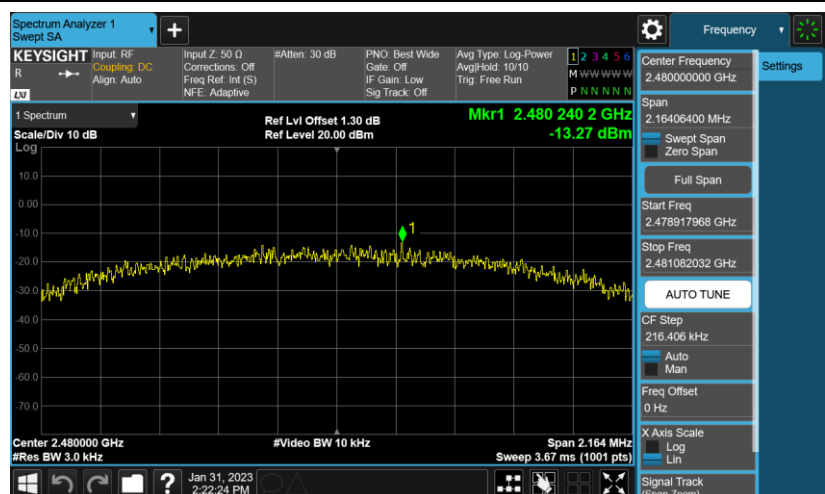
Low ch

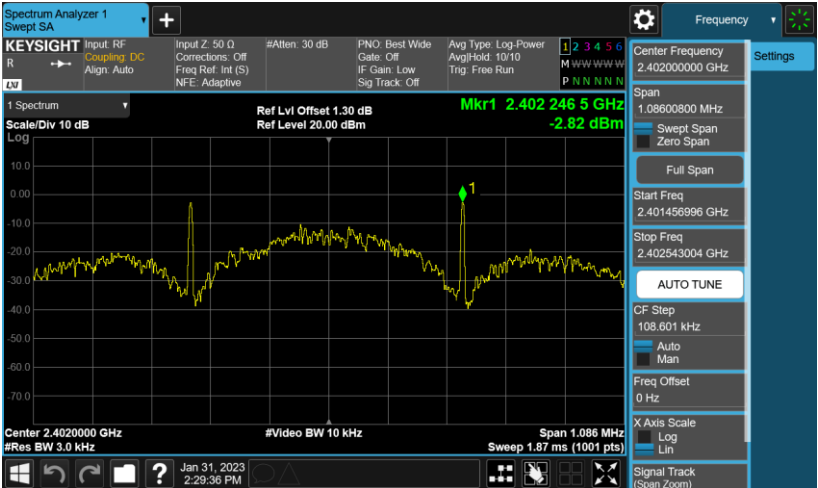
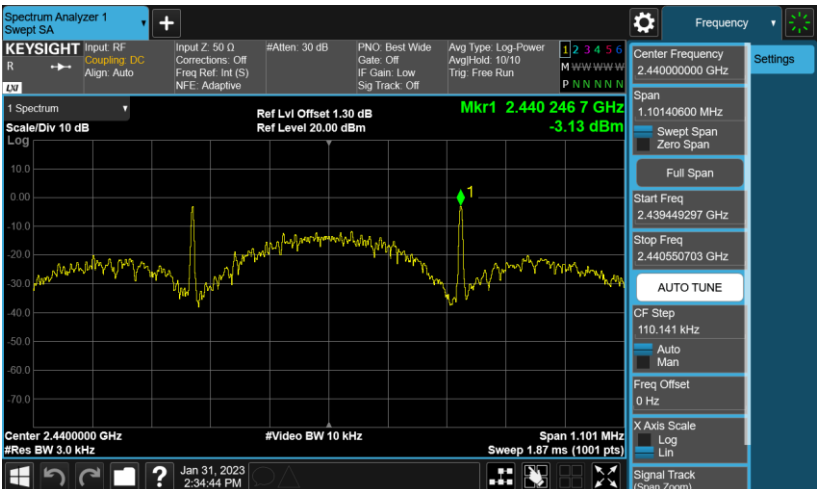


Mid ch



High ch



BLR C8	
Mid ch	
High ch	