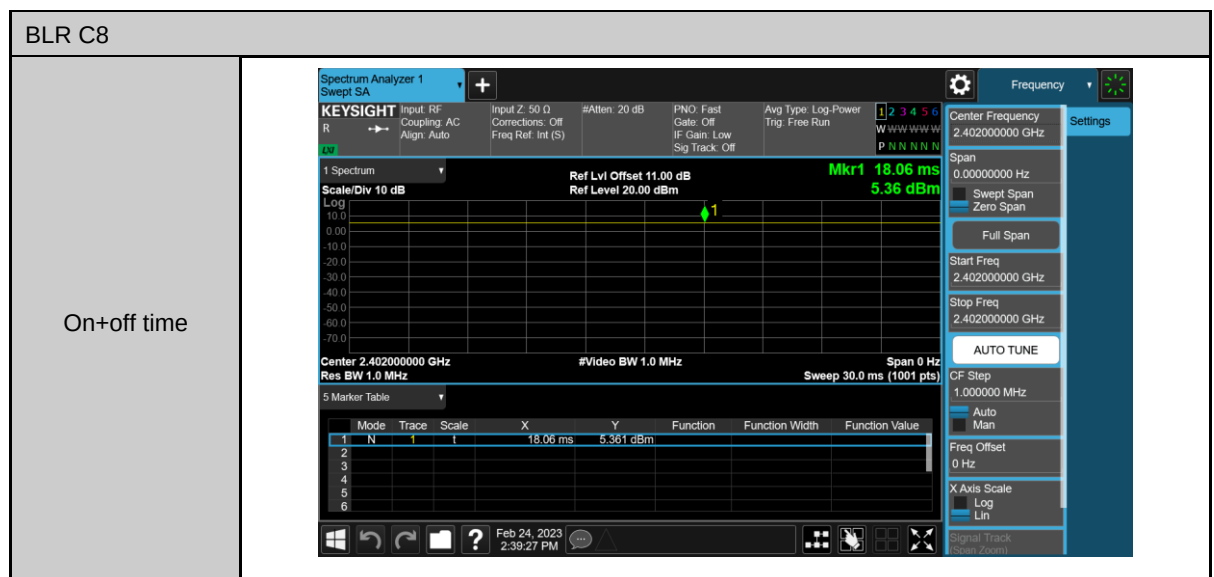
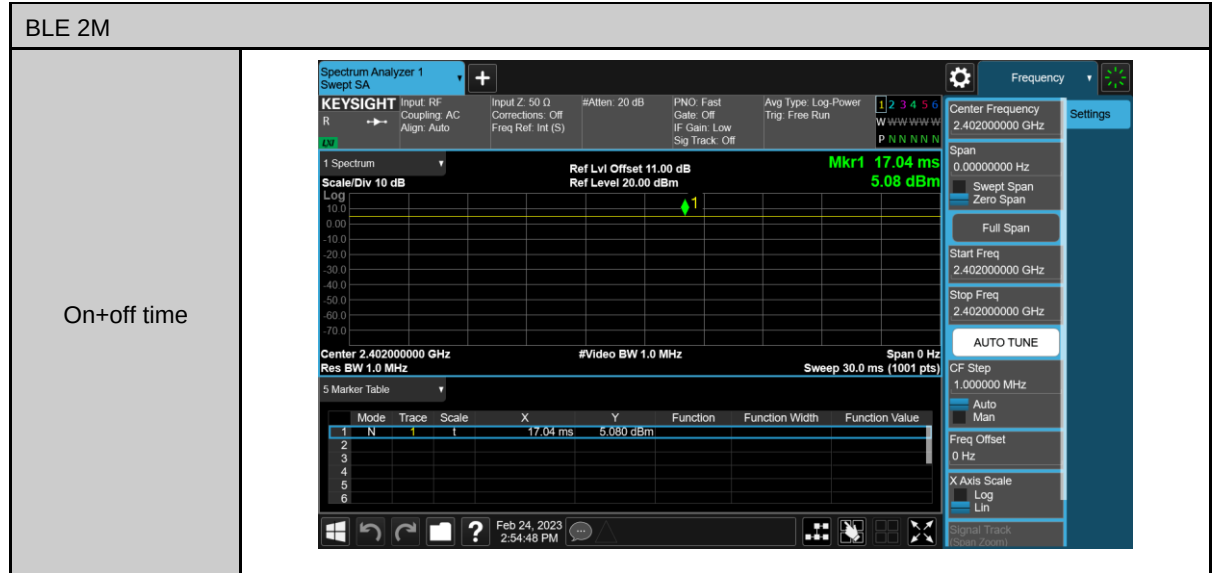


## Appendix B. Test Plots

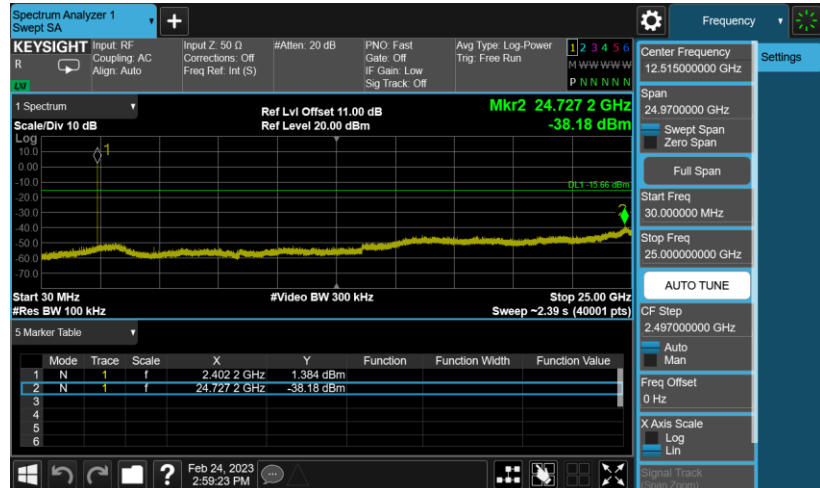
### Duty cycle



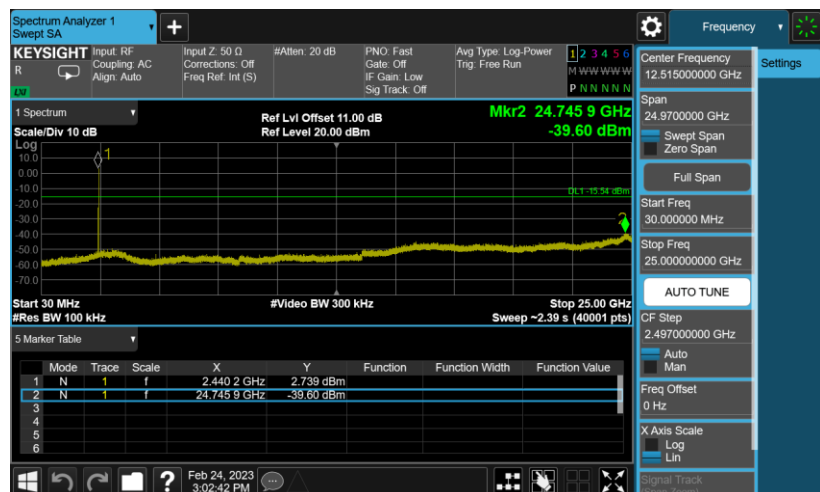
## Out of Band Conducted Spurious Emission

BLE 2M

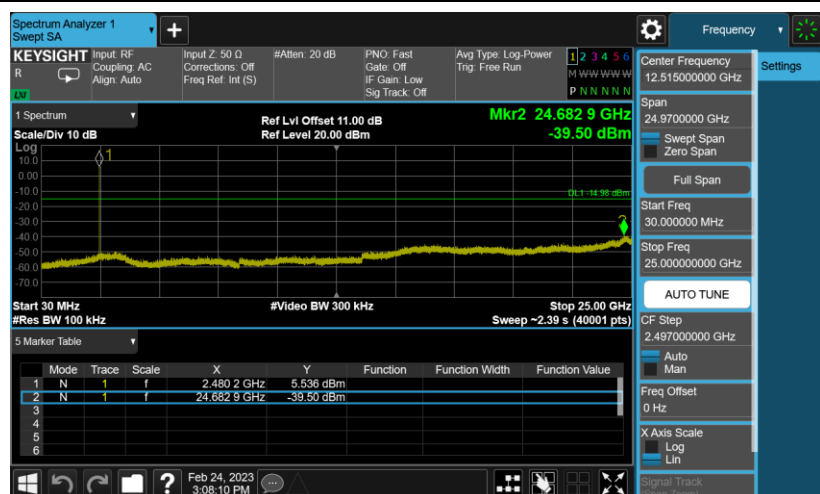
Low ch



Mid ch



High ch

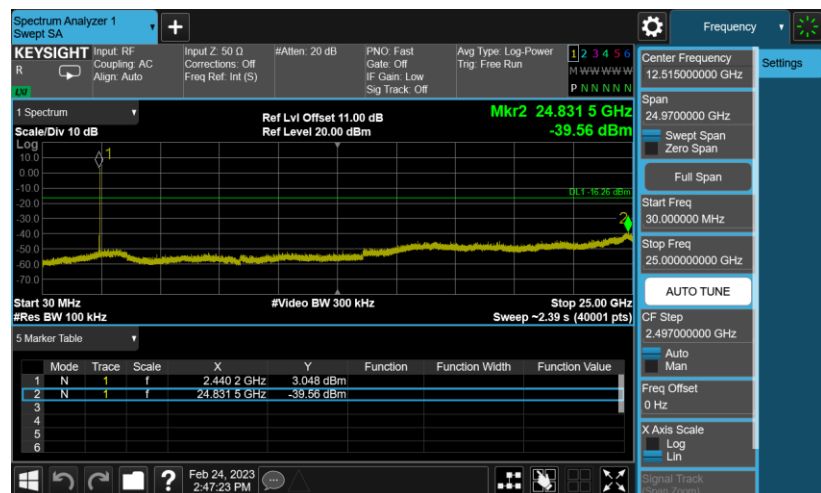


## BLR C8

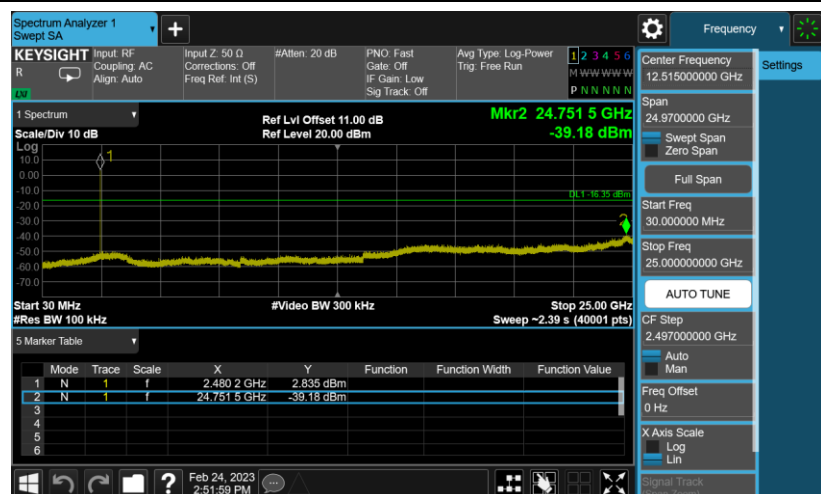
Low ch



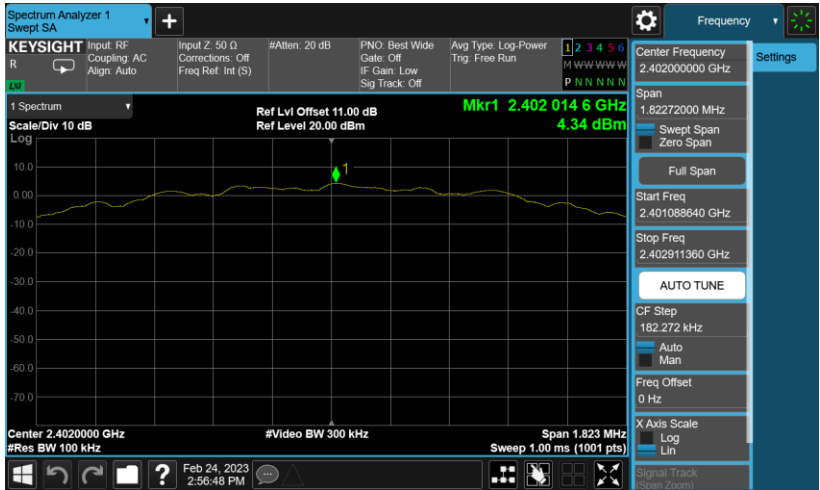
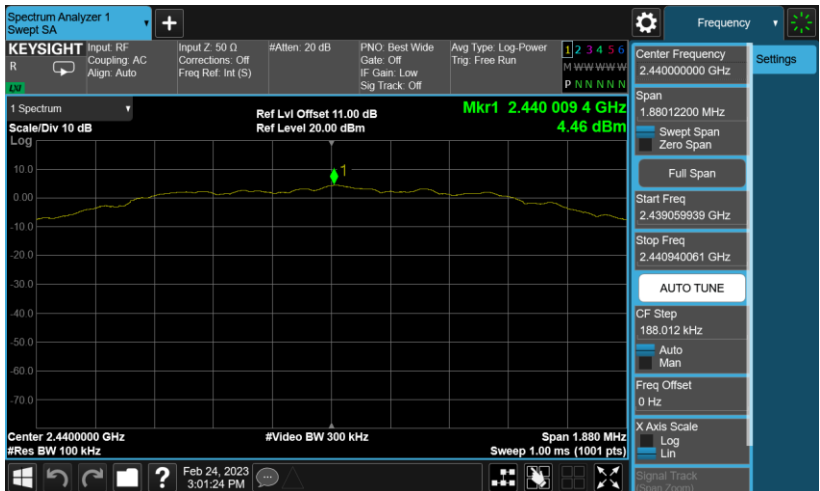
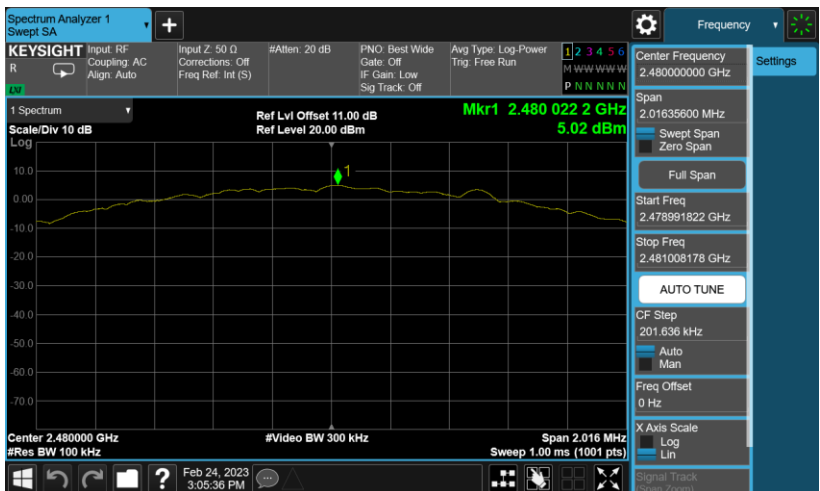
Mid ch

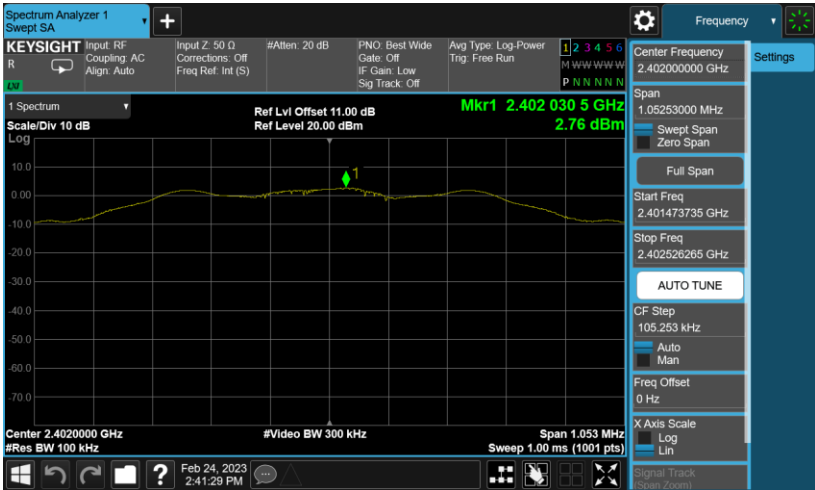
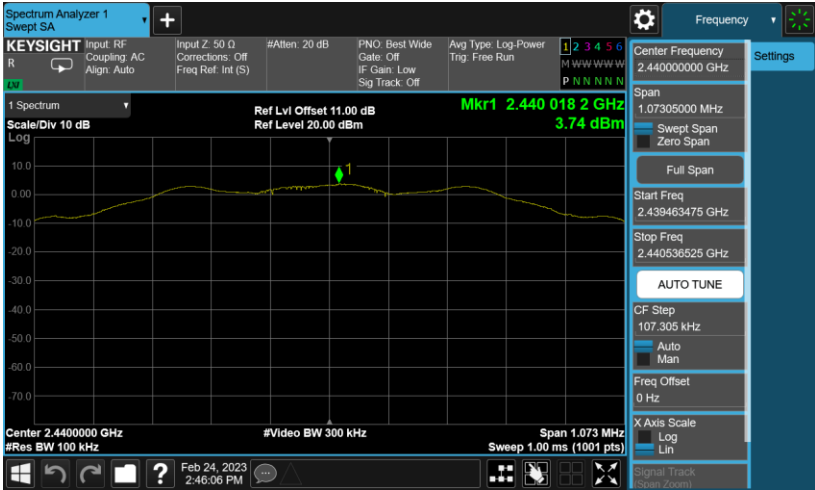
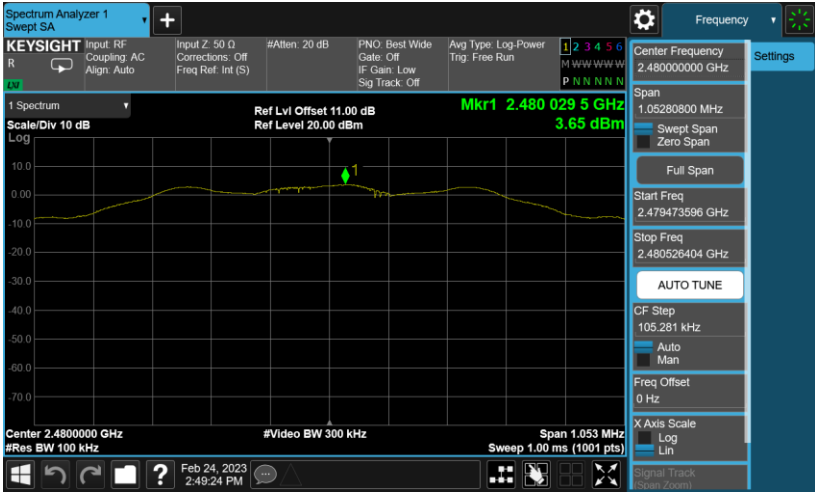


High ch



## Reference level

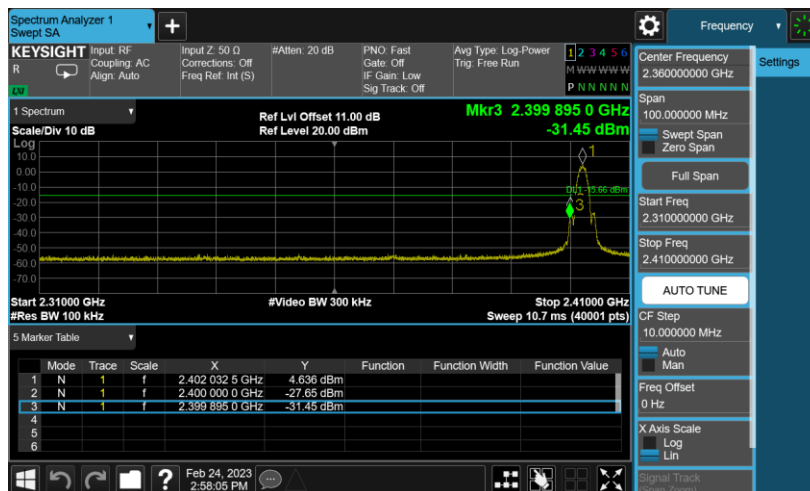
| BLE 2M  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Low ch  |  <p>Keysight Spectrum Analyzer 1 (Swept SA) showing a spectrum plot for the Low channel. The center frequency is 2.4020000 GHz, and the span is 1.823 MHz. A marker (Mkr1) is placed at 2.402 014 6 GHz, showing a power level of 4.34 dBm. The reference level is 20.00 dBm, and the offset is 11.00 dB. The plot shows a relatively flat spectrum with a slight peak at the marker frequency.</p>    |
| Mid ch  |  <p>Keysight Spectrum Analyzer 1 (Swept SA) showing a spectrum plot for the Mid channel. The center frequency is 2.4400000 GHz, and the span is 1.880 MHz. A marker (Mkr1) is placed at 2.440 009 4 GHz, showing a power level of 4.46 dBm. The reference level is 20.00 dBm, and the offset is 11.00 dB. The plot shows a relatively flat spectrum with a slight peak at the marker frequency.</p>   |
| High ch |  <p>Keysight Spectrum Analyzer 1 (Swept SA) showing a spectrum plot for the High channel. The center frequency is 2.4800000 GHz, and the span is 2.016 MHz. A marker (Mkr1) is placed at 2.480 022 2 GHz, showing a power level of 5.02 dBm. The reference level is 20.00 dBm, and the offset is 11.00 dB. The plot shows a relatively flat spectrum with a slight peak at the marker frequency.</p> |

|         |                                                                                      |
|---------|--------------------------------------------------------------------------------------|
| BLR C8  |    |
| Mid ch  |   |
| High ch |  |

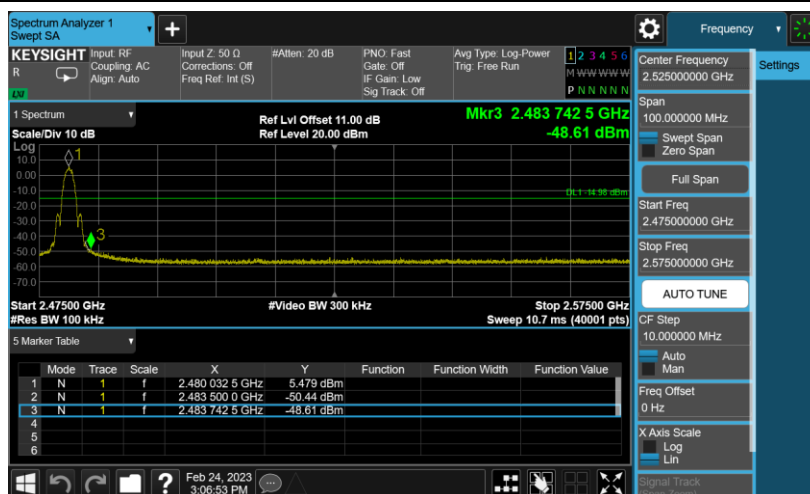
## Conducted Band Edge

BLE 2M

Low ch

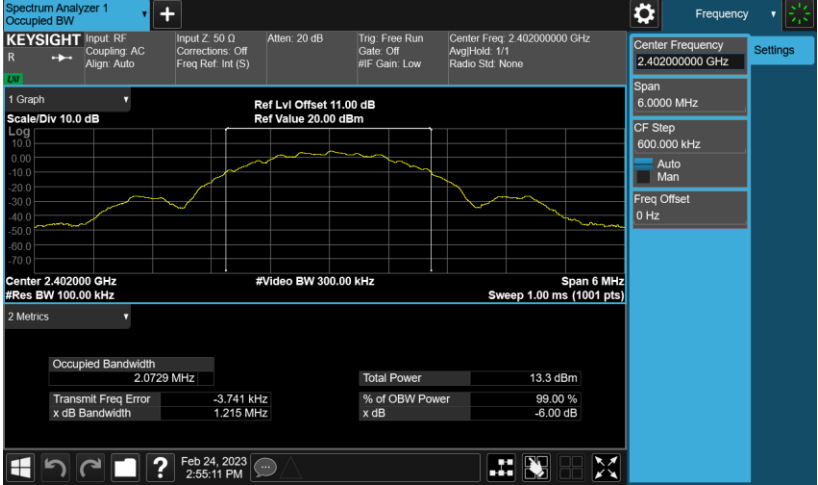


High ch

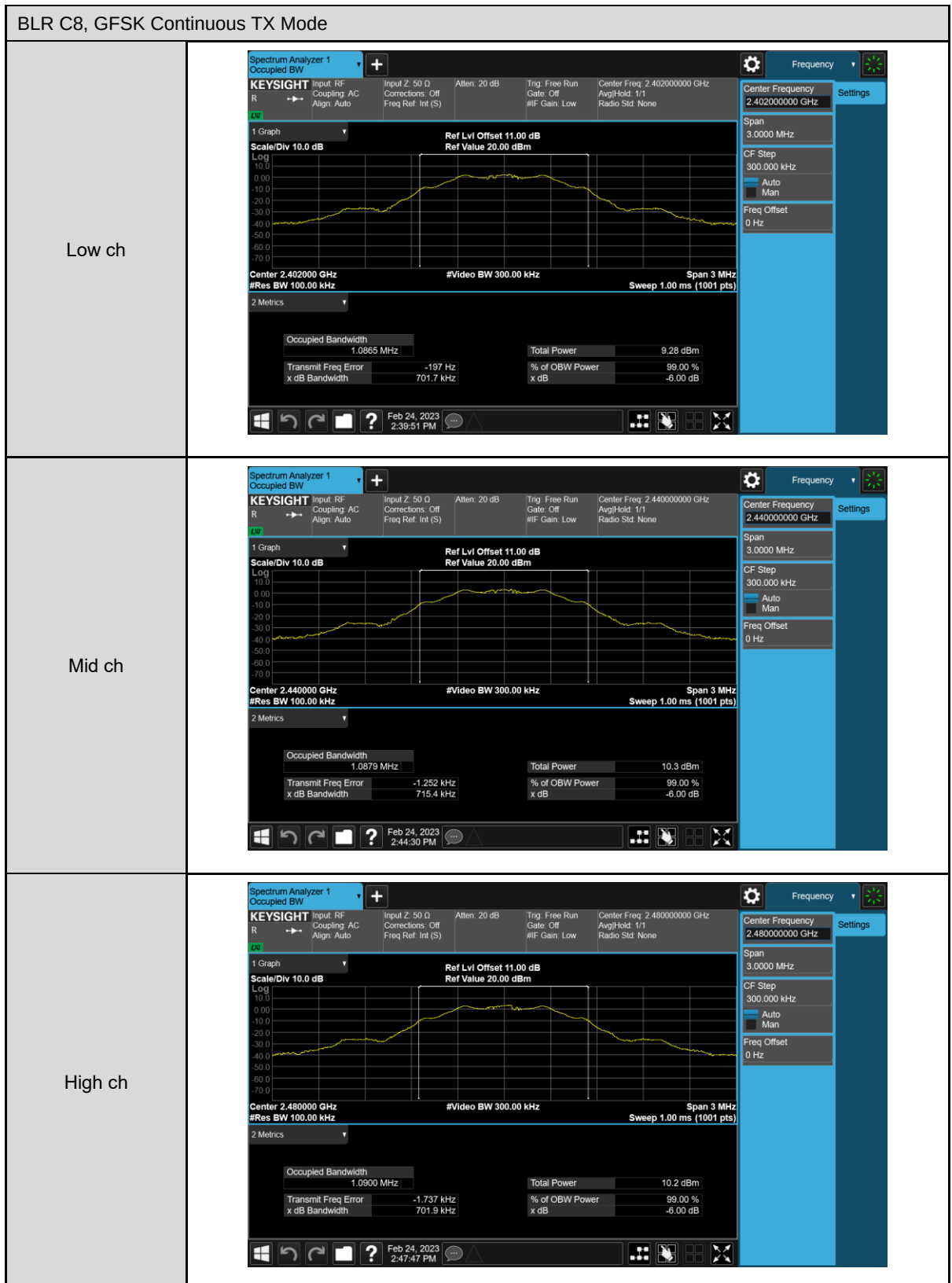




## 6 dB Bandwidth

| BLE 2M  |                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Low ch  |  <p> <b>Center Frequency:</b> 2.402000000 GHz<br/> <b>Span:</b> 6.0000 MHz<br/> <b>CF Step:</b> 600.000 kHz<br/> <b>Freq Offset:</b> 0 Hz<br/> <b>Occupied Bandwidth:</b> 2.0729 MHz<br/> <b>Total Power:</b> 13.3 dBm<br/> <b>Transmit Freq Error:</b> -3.741 kHz<br/> <b>% of OBW Power:</b> 99.0%             </p>  |
| Mid ch  |  <p> <b>Center Frequency:</b> 2.440000000 GHz<br/> <b>Span:</b> 6.0000 MHz<br/> <b>CF Step:</b> 600.000 kHz<br/> <b>Freq Offset:</b> 0 Hz<br/> <b>Occupied Bandwidth:</b> 2.0703 MHz<br/> <b>Total Power:</b> 13.7 dBm<br/> <b>Transmit Freq Error:</b> -5.170 kHz<br/> <b>% of OBW Power:</b> 99.0%             </p> |
| High ch |  <p> <b>Center Frequency:</b> 2.480000000 GHz<br/> <b>Span:</b> 6.0000 MHz<br/> <b>CF Step:</b> 600.000 kHz<br/> <b>Freq Offset:</b> 0 Hz<br/> <b>Occupied Bandwidth:</b> 2.0815 MHz<br/> <b>Total Power:</b> 14.4 dBm<br/> <b>Transmit Freq Error:</b> -563 Hz<br/> <b>% of OBW Power:</b> 99.0%             </p>   |

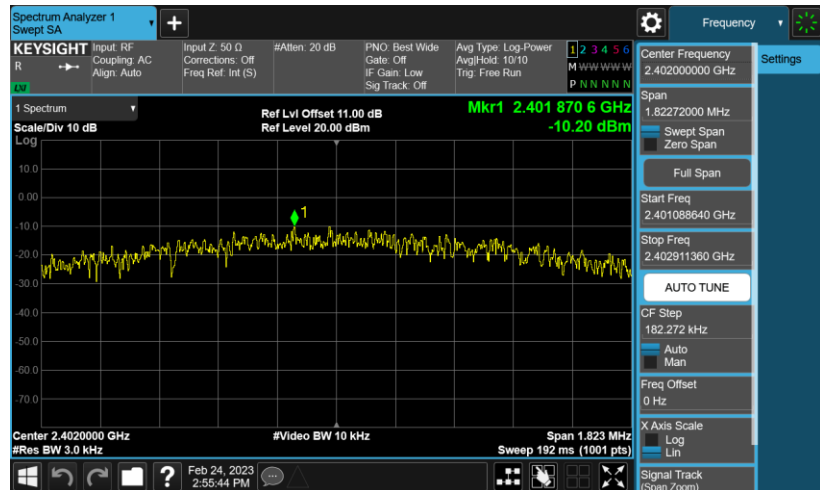




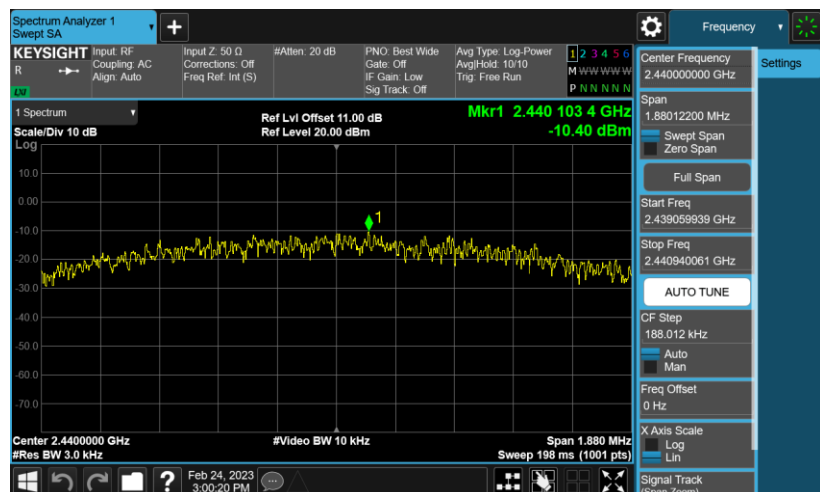
## Power Density

BLE 2M

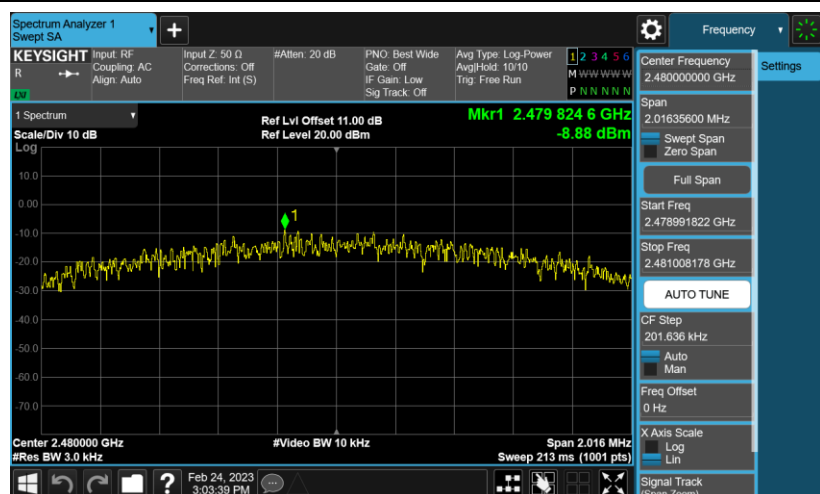
Low ch



Mid ch

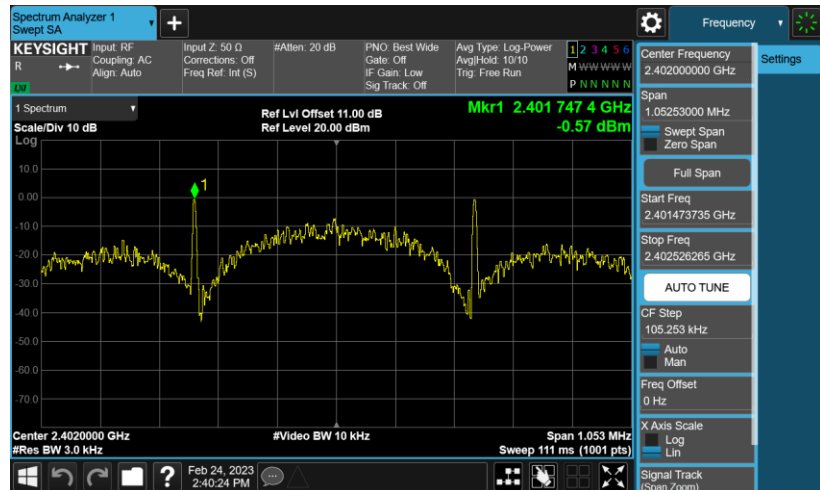


High ch

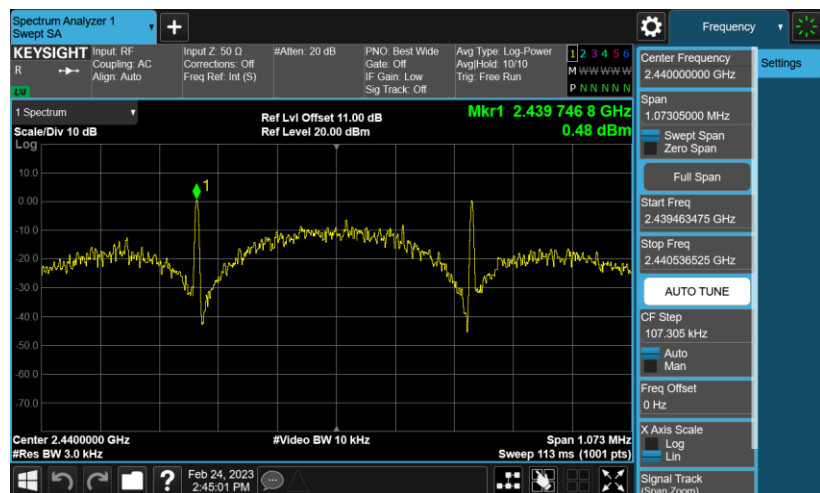


## BLR C8

Low ch



Mid ch



High ch

