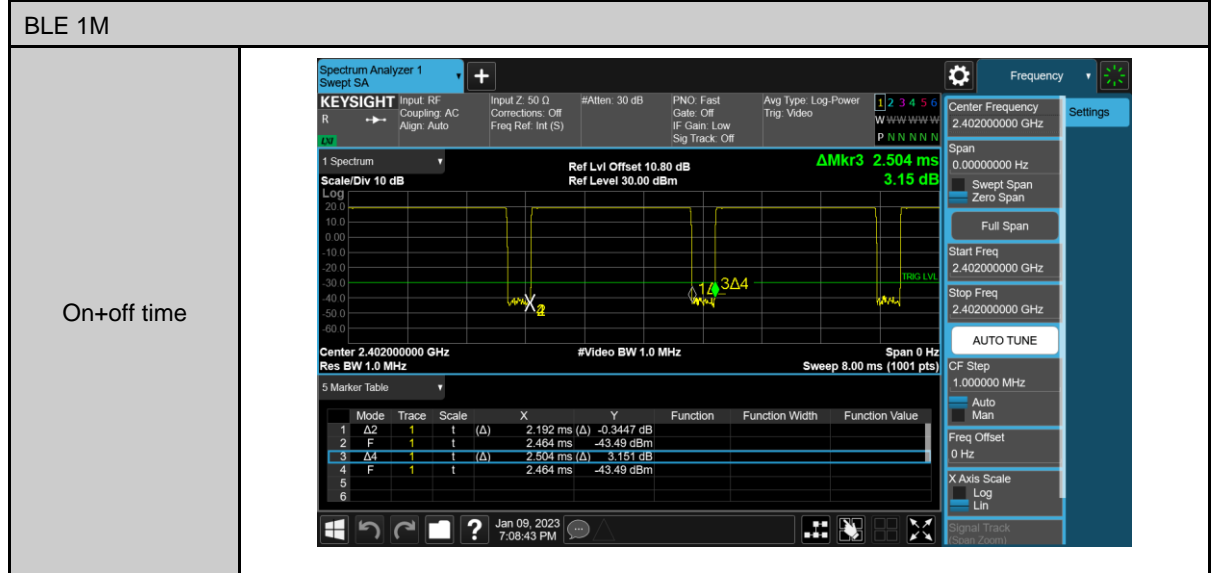
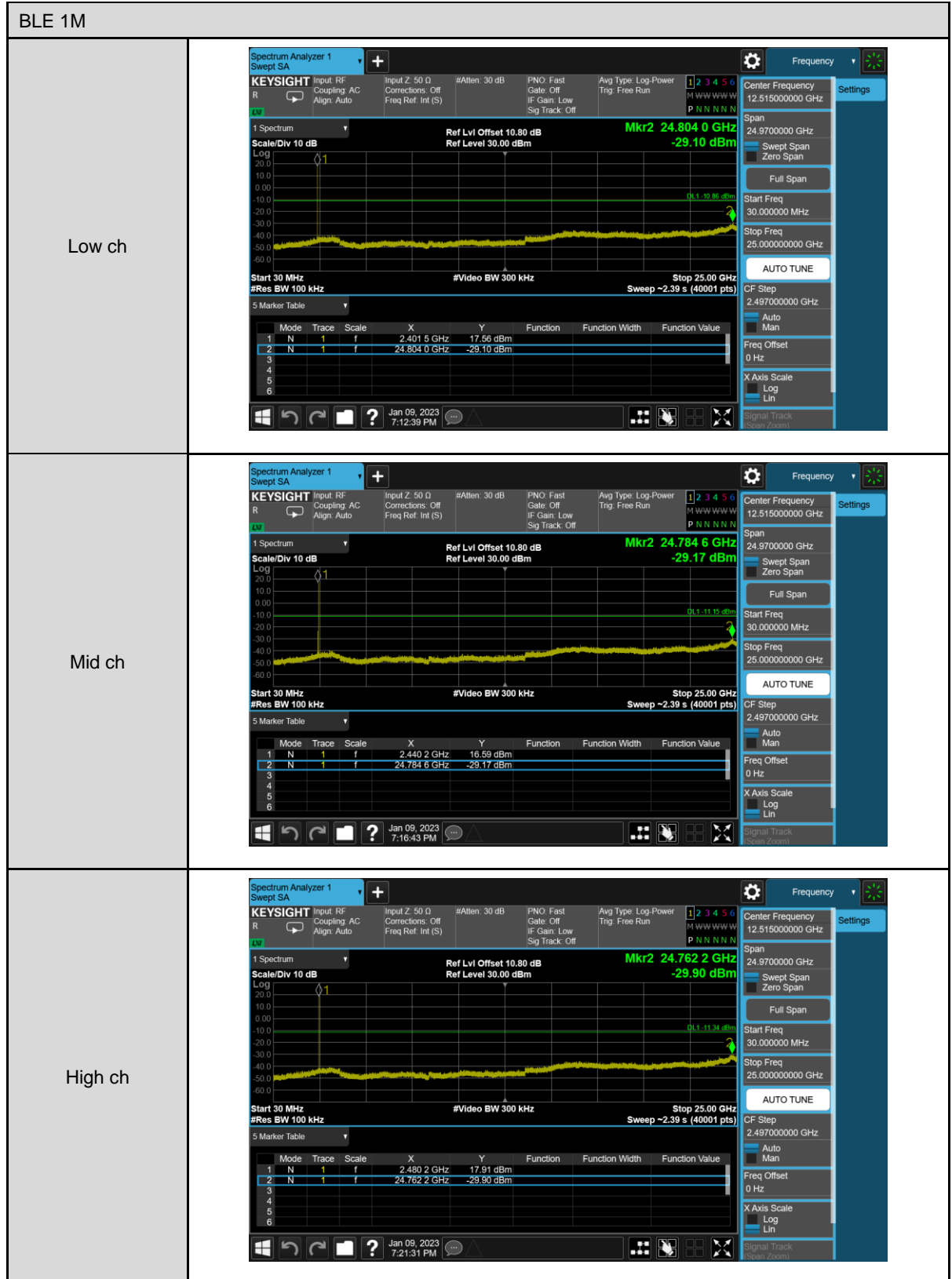


## Appendix B. Test Plots

### Duty cycle



Out of Band Conducted Spurious Emission



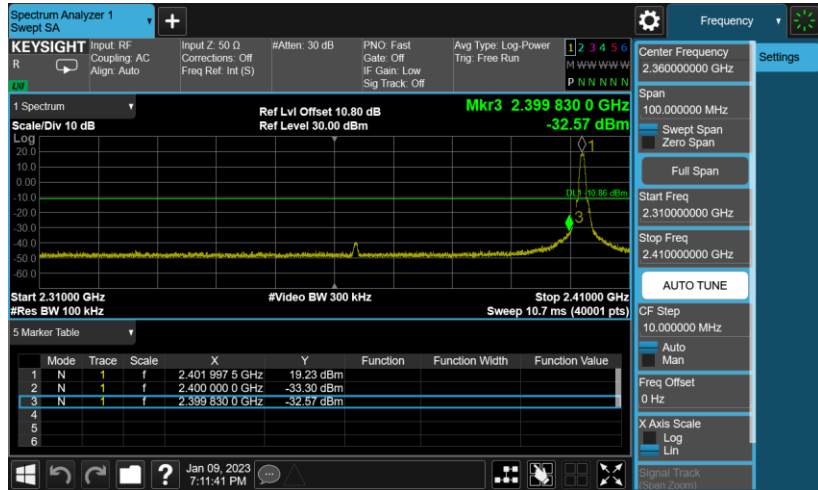
Reference level

BLE 1M	
<p>Low ch</p>	<p>Center Frequency: 2.40200000 GHz Span: 968.712000 kHz Mkr1 2.401 988 4 GHz 19.14 dBm Ref Lvl Offset 10.80 dB Ref Level 30.00 dBm Center 2.4020000 GHz #Video BW 300 kHz Span 968.7 kHz #Res BW 100 kHz Sweep 1.00 ms (1001 pts)</p>
<p>Mid ch</p>	<p>Center Frequency: 2.44000000 GHz Span: 967.164000 kHz Mkr1 2.439 992 3 GHz 18.85 dBm Ref Lvl Offset 10.80 dB Ref Level 30.00 dBm Center 2.4400000 GHz #Video BW 300 kHz Span 967.2 kHz #Res BW 100 kHz Sweep 1.00 ms (1001 pts)</p>
<p>High ch</p>	<p>Center Frequency: 2.48000000 GHz Span: 966.486000 kHz Mkr1 2.479 988 4 GHz 18.66 dBm Ref Lvl Offset 10.80 dB Ref Level 30.00 dBm Center 2.4800000 GHz #Video BW 300 kHz Span 966.5 kHz #Res BW 100 kHz Sweep 1.00 ms (1001 pts)</p>

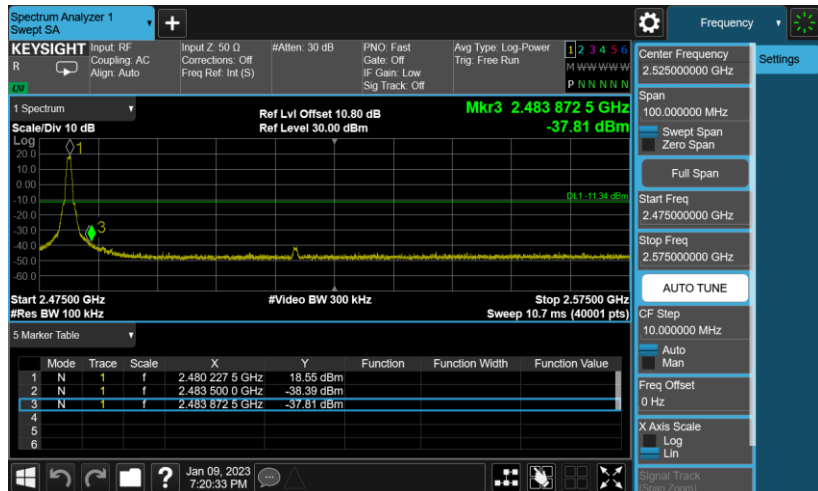
Conducted Band Edge

BLE 1M

Low ch



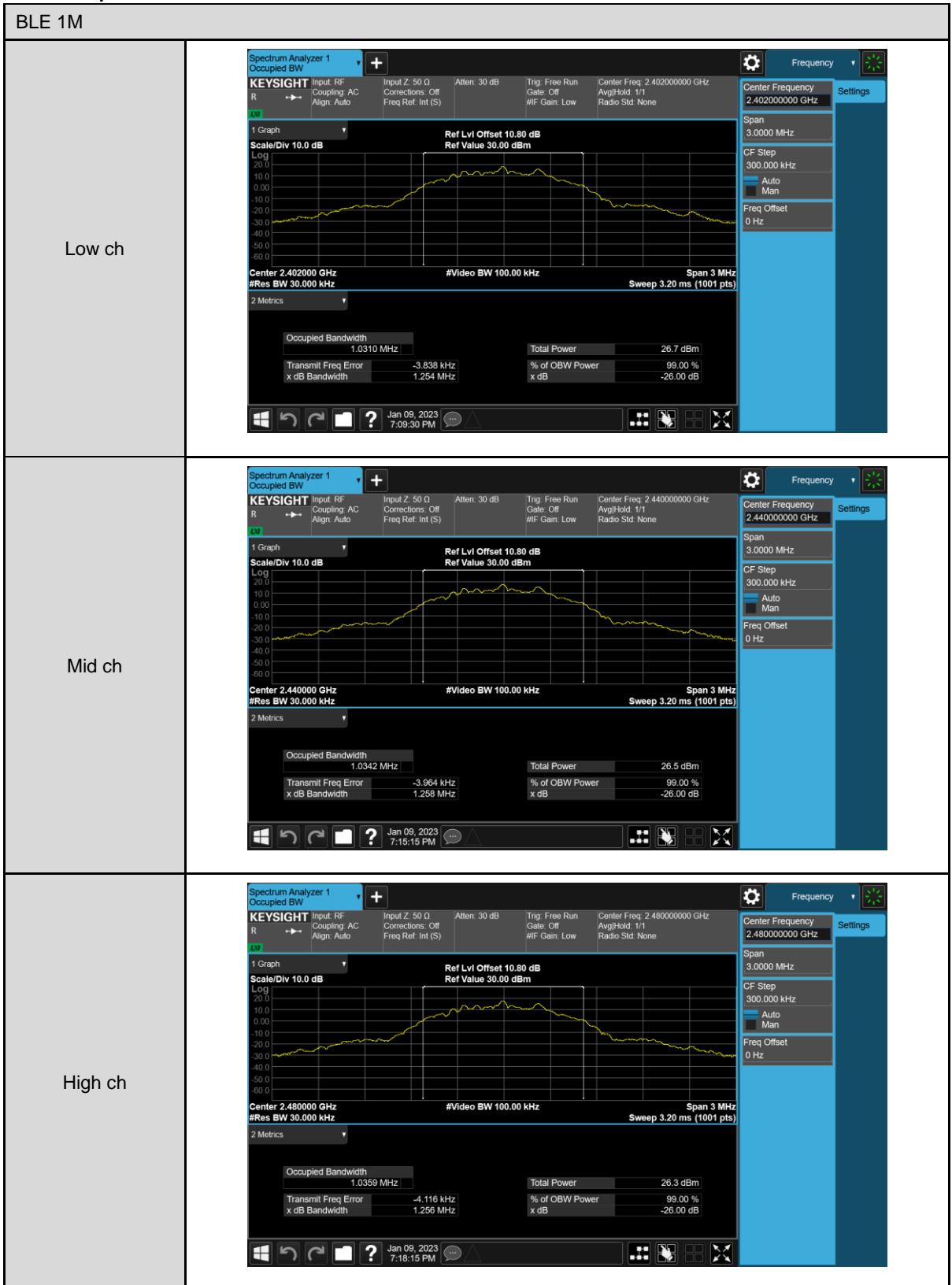
High ch



6 dB Bandwidth

BLE 1M													
Low ch	<p>Center 2.402000 GHz #Res BW 100.00 kHz #Video BW 300.00 kHz Span 3 MHz Sweep 1.00 ms (1001 pts)</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>1.0509 MHz</td> <td>Total Power</td> <td>25.9 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>-7.558 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>645.8 kHz</td> <td>x dB</td> <td>-6.00 dB</td> </tr> </table>	Occupied Bandwidth	1.0509 MHz	Total Power	25.9 dBm	Transmit Freq Error	-7.558 kHz	% of OBW Power	99.00 %	x dB Bandwidth	645.8 kHz	x dB	-6.00 dB
Occupied Bandwidth	1.0509 MHz	Total Power	25.9 dBm										
Transmit Freq Error	-7.558 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	645.8 kHz	x dB	-6.00 dB										
Mid ch	<p>Center 2.440000 GHz #Res BW 100.00 kHz #Video BW 300.00 kHz Span 3 MHz Sweep 1.00 ms (1001 pts)</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>1.0540 MHz</td> <td>Total Power</td> <td>25.6 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>-7.994 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>644.8 kHz</td> <td>x dB</td> <td>-6.00 dB</td> </tr> </table>	Occupied Bandwidth	1.0540 MHz	Total Power	25.6 dBm	Transmit Freq Error	-7.994 kHz	% of OBW Power	99.00 %	x dB Bandwidth	644.8 kHz	x dB	-6.00 dB
Occupied Bandwidth	1.0540 MHz	Total Power	25.6 dBm										
Transmit Freq Error	-7.994 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	644.8 kHz	x dB	-6.00 dB										
High ch	<p>Center 2.480000 GHz #Res BW 100.00 kHz #Video BW 300.00 kHz Span 3 MHz Sweep 1.00 ms (1001 pts)</p> <table border="1"> <tr> <td>Occupied Bandwidth</td> <td>1.0561 MHz</td> <td>Total Power</td> <td>25.4 dBm</td> </tr> <tr> <td>Transmit Freq Error</td> <td>-8.427 kHz</td> <td>% of OBW Power</td> <td>99.00 %</td> </tr> <tr> <td>x dB Bandwidth</td> <td>644.3 kHz</td> <td>x dB</td> <td>-6.00 dB</td> </tr> </table>	Occupied Bandwidth	1.0561 MHz	Total Power	25.4 dBm	Transmit Freq Error	-8.427 kHz	% of OBW Power	99.00 %	x dB Bandwidth	644.3 kHz	x dB	-6.00 dB
Occupied Bandwidth	1.0561 MHz	Total Power	25.4 dBm										
Transmit Freq Error	-8.427 kHz	% of OBW Power	99.00 %										
x dB Bandwidth	644.3 kHz	x dB	-6.00 dB										

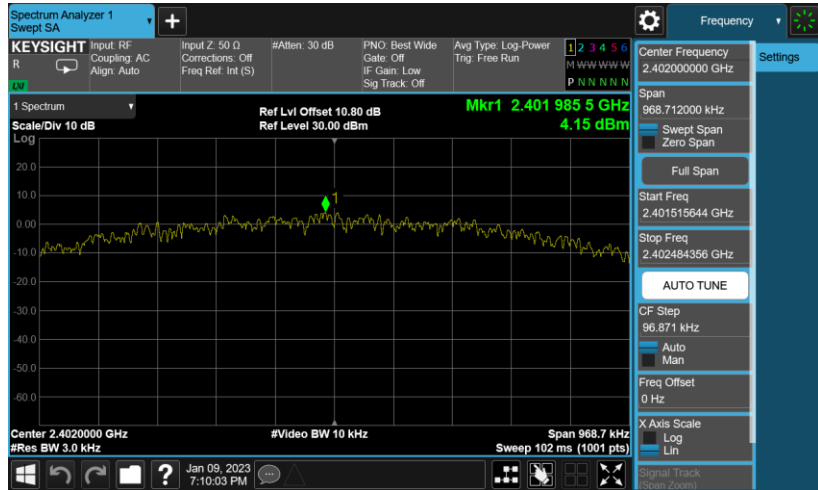
99 % Occupied Bandwidth



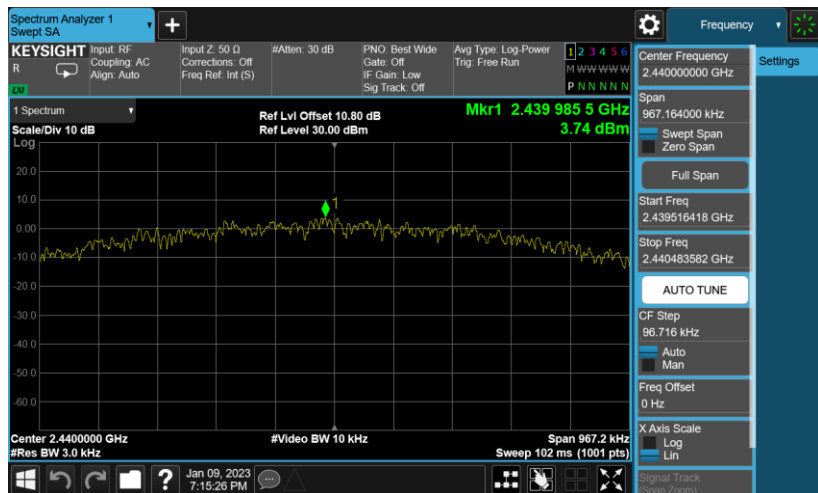
Power Density

BLE 1M

Low ch



Mid ch



High ch

