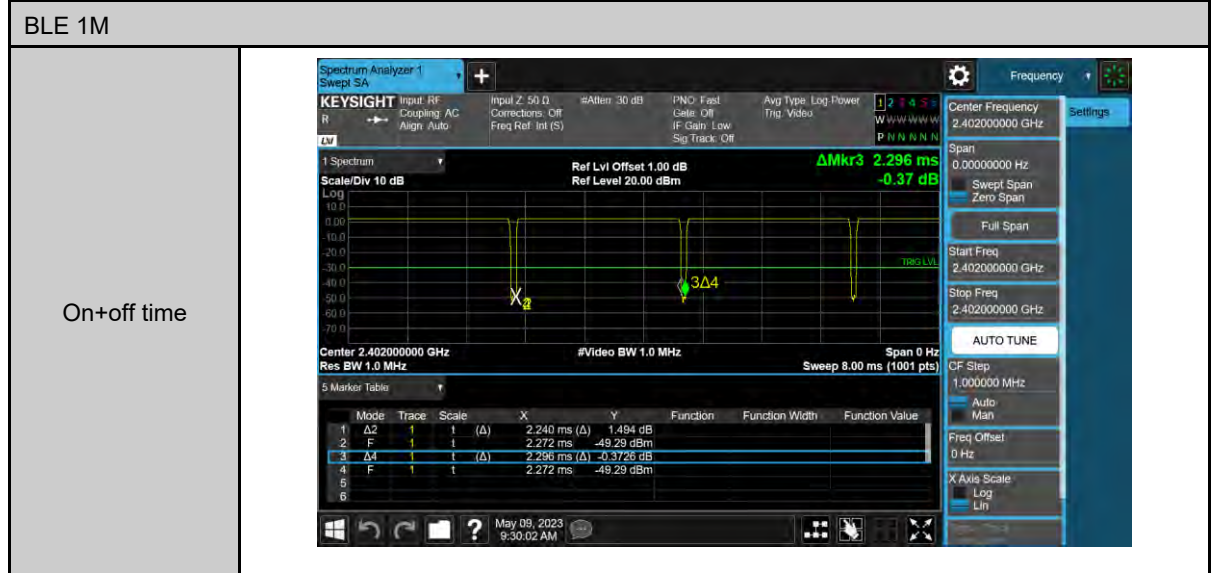
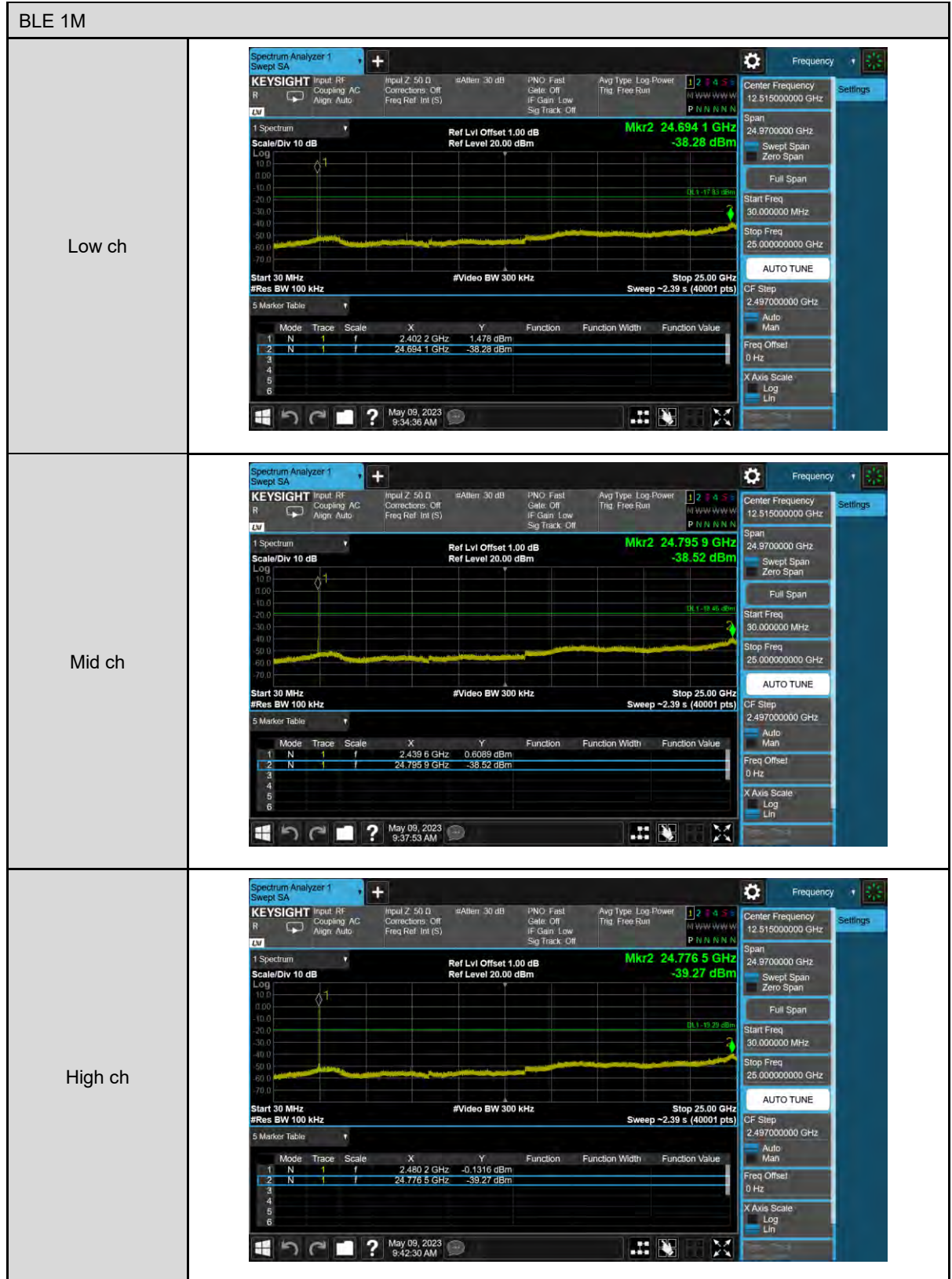


Appendix B. Test Plots

Duty cycle



Out of Band Conducted Spurious Emission



Reference level

BLE 1M	
Low ch	<p>Center Frequency: 2.40200000 GHz Span: 1.01036000 MHz Start Freq: 2.401494820 GHz Stop Freq: 2.402505180 GHz Mkr1: 2.401 981 8 GHz 2.17 dBm Ref Lvl Offset 1.00 dB Ref Level 20.00 dBm Center 2.4020000 GHz #Res BW 100 kHz #Video BW 300 kHz Span 1.010 MHz Sweep 1.00 ms (1001 pts)</p>
Mid ch	<p>Center Frequency: 2.44000000 GHz Span: 1.05915600 MHz Start Freq: 2.439470422 GHz Stop Freq: 2.440529578 GHz Mkr1: 2.439 980 9 GHz 1.54 dBm Ref Lvl Offset 1.00 dB Ref Level 20.00 dBm Center 2.4400000 GHz #Res BW 100 kHz #Video BW 300 kHz Span 1.059 MHz Sweep 1.00 ms (1001 pts)</p>
High ch	<p>Center Frequency: 2.48000000 GHz Span: 1.06237200 MHz Start Freq: 2.479468814 GHz Stop Freq: 2.480531186 GHz Mkr1: 2.479 980 9 GHz 0.71 dBm Ref Lvl Offset 1.00 dB Ref Level 20.00 dBm Center 2.4800000 GHz #Res BW 100 kHz #Video BW 300 kHz Span 1.062 MHz Sweep 1.00 ms (1001 pts)</p>

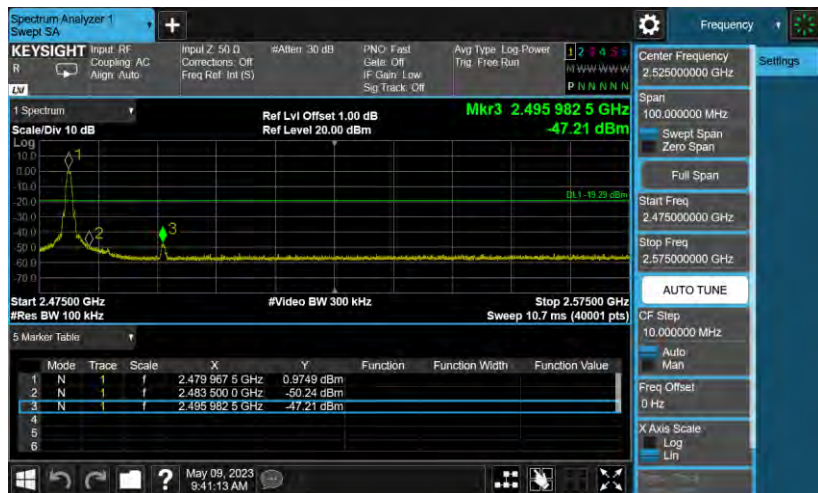
Conducted Band Edge

BLE 1M

Low ch



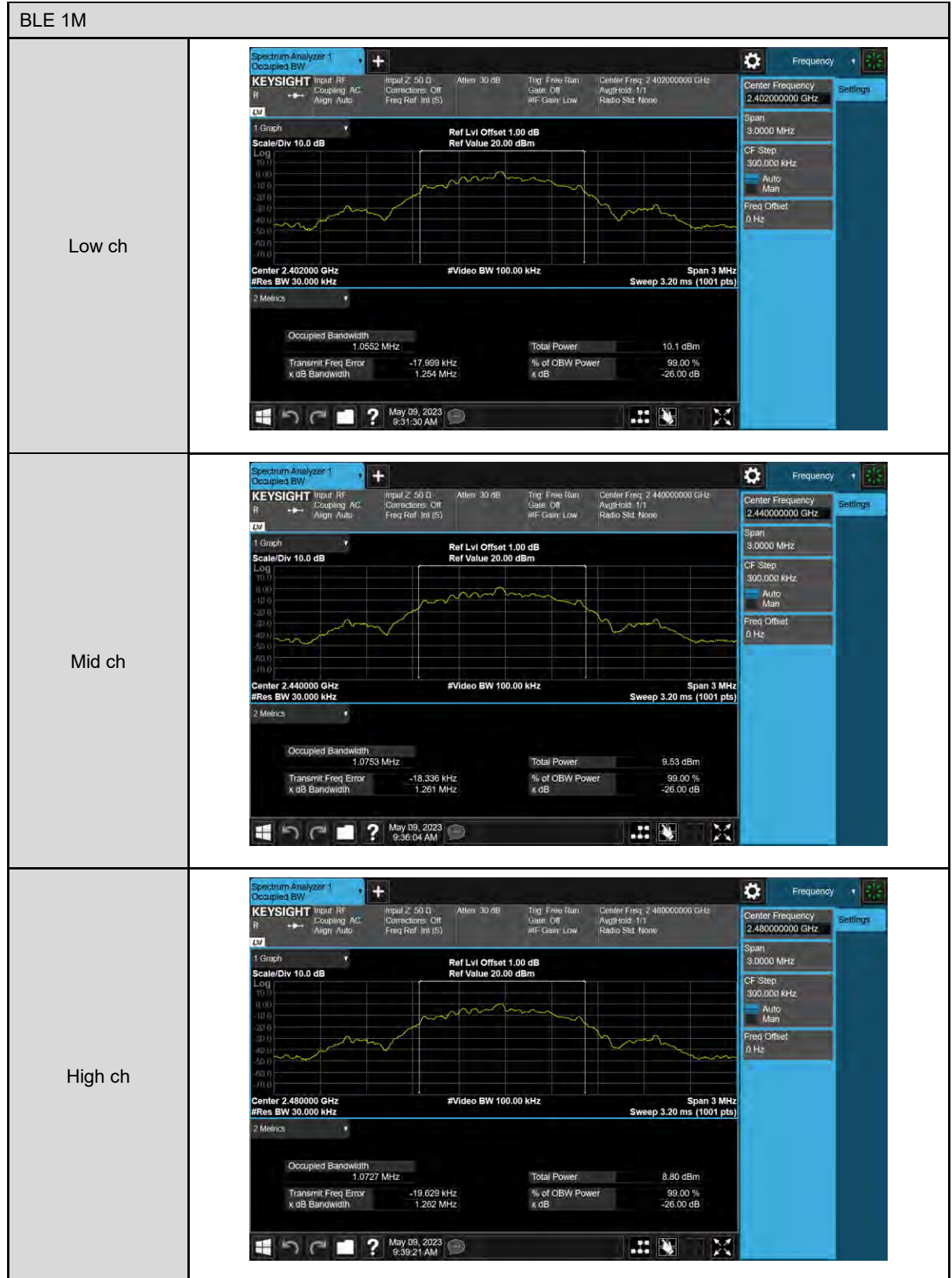
High ch



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>1.0781 MHz</td> <td>Total Power</td> <td>9.17 dBm</td> </tr> <tr> <td>Transmit Freq Error x dB Bandwidth</td> <td>-19.571 kHz 673.6 kHz</td> <td>% of OBW Power x dB</td> <td>99.00 % -6.00 dB</td> </tr> </table>	Occupied Bandwidth	1.0781 MHz	Total Power	9.17 dBm	Transmit Freq Error x dB Bandwidth	-19.571 kHz 673.6 kHz	% of OBW Power x dB	99.00 % -6.00 dB
Occupied Bandwidth	1.0781 MHz	Total Power	9.17 dBm						
Transmit Freq Error x dB Bandwidth	-19.571 kHz 673.6 kHz	% of OBW Power x dB	99.00 % -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>1.1072 MHz</td> <td>Total Power</td> <td>8.51 dBm</td> </tr> <tr> <td>Transmit Freq Error x dB Bandwidth</td> <td>-21.107 kHz 706.1 kHz</td> <td>% of OBW Power x dB</td> <td>99.00 % -6.00 dB</td> </tr> </table>	Occupied Bandwidth	1.1072 MHz	Total Power	8.51 dBm	Transmit Freq Error x dB Bandwidth	-21.107 kHz 706.1 kHz	% of OBW Power x dB	99.00 % -6.00 dB
Occupied Bandwidth	1.1072 MHz	Total Power	8.51 dBm						
Transmit Freq Error x dB Bandwidth	-21.107 kHz 706.1 kHz	% of OBW Power x dB	99.00 % -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>1.1055 MHz</td> <td>Total Power</td> <td>7.77 dBm</td> </tr> <tr> <td>Transmit Freq Error x dB Bandwidth</td> <td>-20.557 kHz 708.2 kHz</td> <td>% of OBW Power x dB</td> <td>99.00 % -6.00 dB</td> </tr> </table>	Occupied Bandwidth	1.1055 MHz	Total Power	7.77 dBm	Transmit Freq Error x dB Bandwidth	-20.557 kHz 708.2 kHz	% of OBW Power x dB	99.00 % -6.00 dB
Occupied Bandwidth	1.1055 MHz	Total Power	7.77 dBm						
Transmit Freq Error x dB Bandwidth	-20.557 kHz 708.2 kHz	% of OBW Power x dB	99.00 % -6.00 dB						

99 % Occupied Bandwidth



Power Density

BLE 1M

Low ch



Mid ch



High ch

