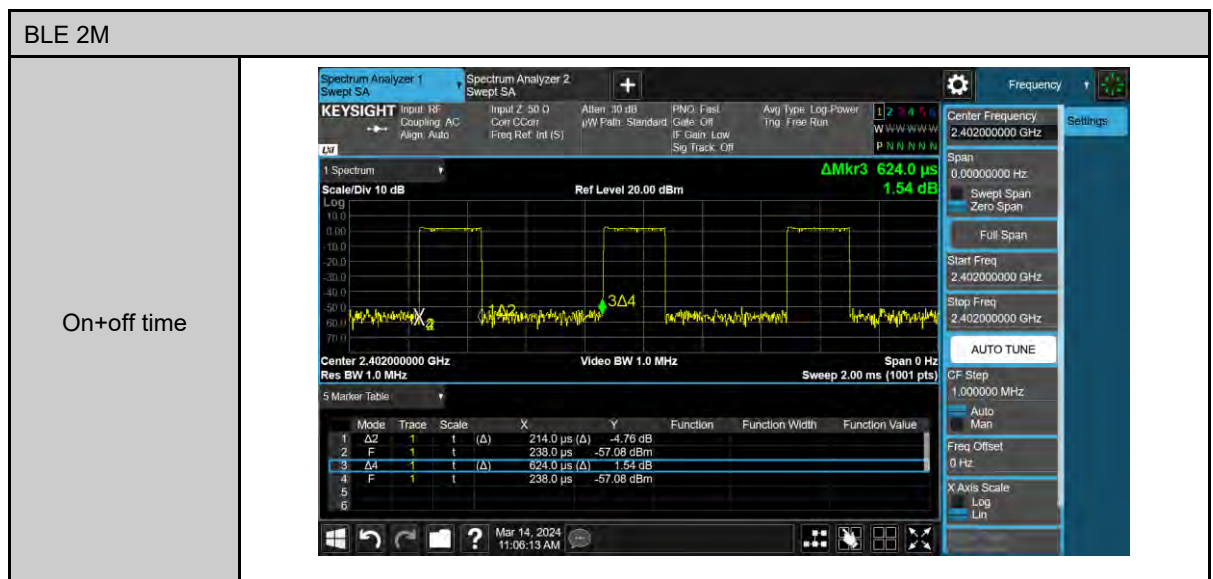
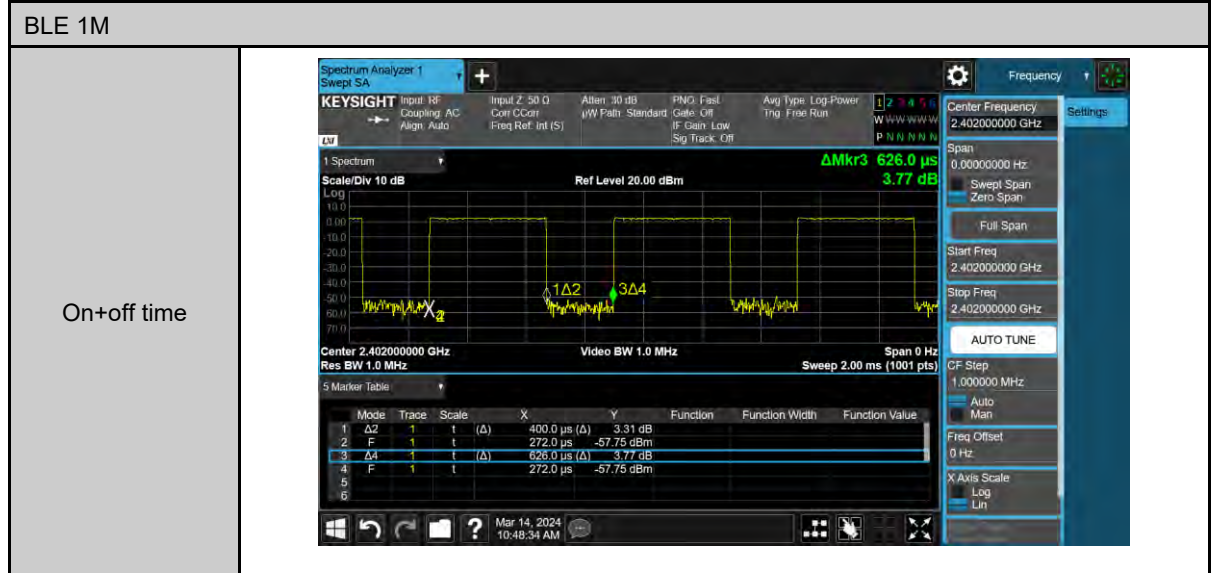


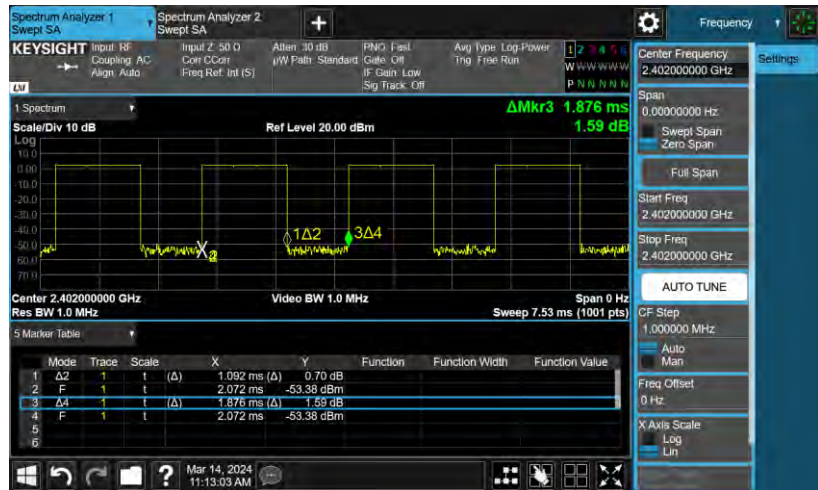
## Appendix B. Test Plots

### Duty cycle



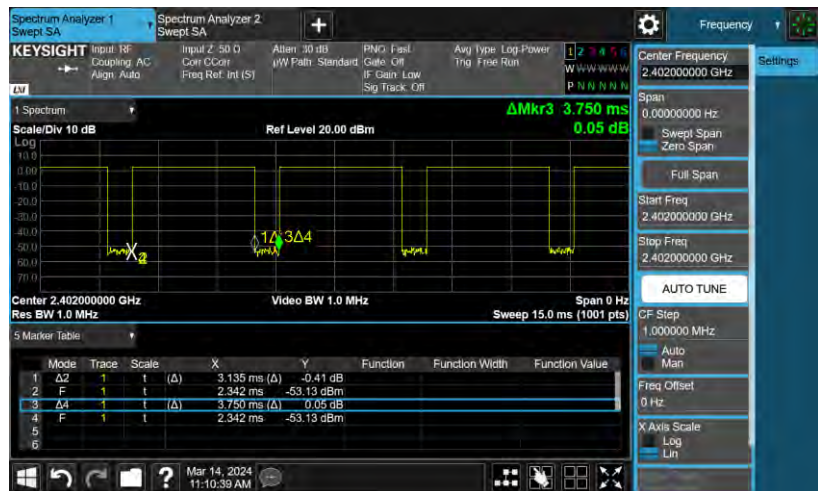
BLR C2

On+off time

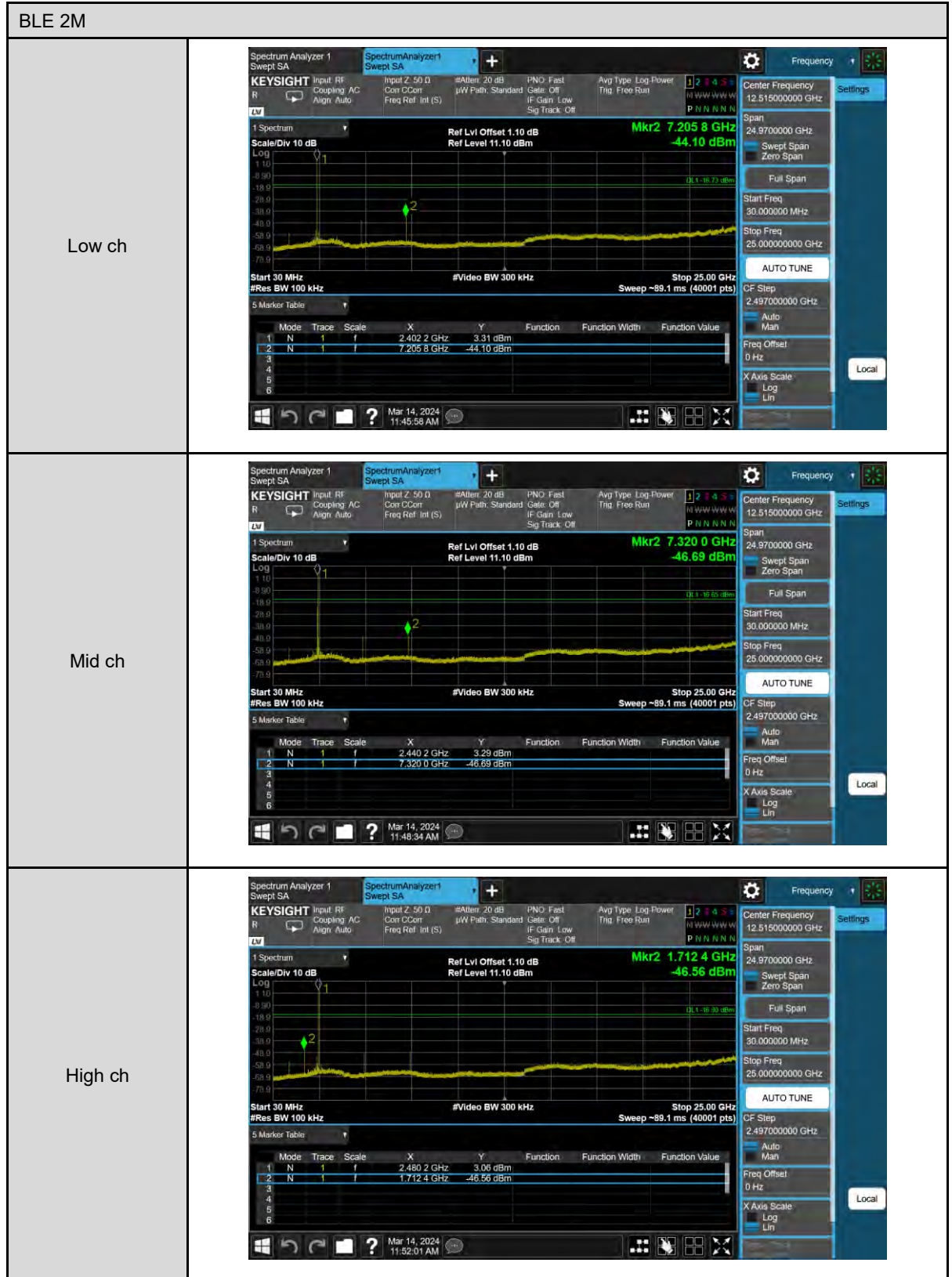


BLR C8

On+off time



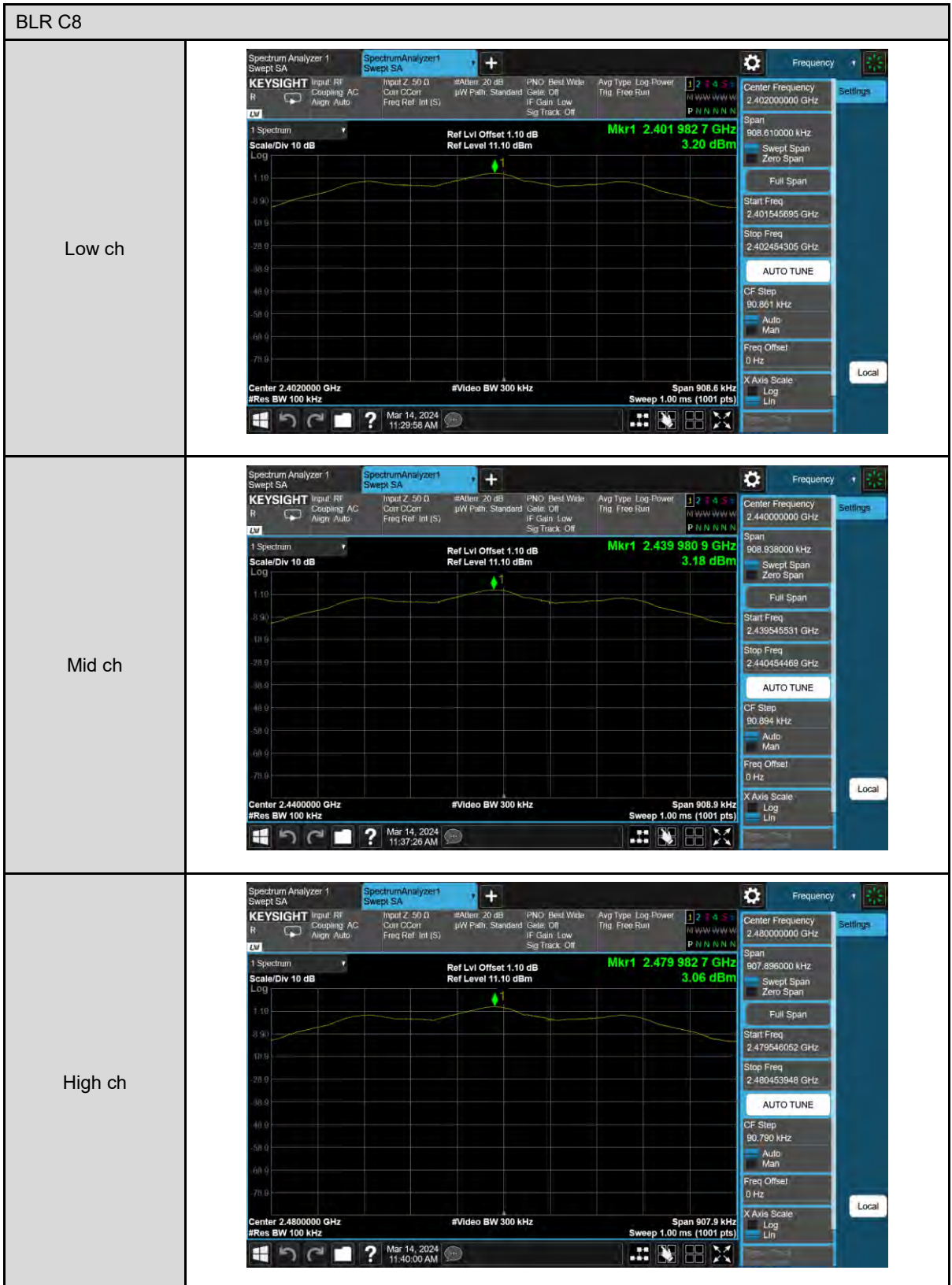
Out of Band Conducted Spurious Emission





Reference level

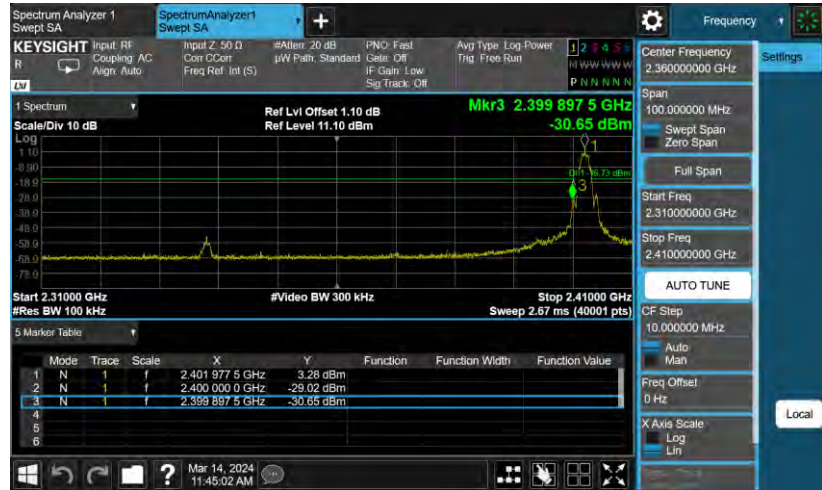
BLE 2M	
Low ch	<p>Center Frequency: 2.4020000 GHz Mkr1 2.401 983 3 GHz 3.27 dBm Ref Lvl Offset 1.10 dB Ref Level 11.10 dBm</p>
Mid ch	<p>Center Frequency: 2.4400000 GHz Mkr1 2.439 983 2 GHz 3.35 dBm Ref Lvl Offset 1.10 dB Ref Level 11.10 dBm</p>
High ch	<p>Center Frequency: 2.4800000 GHz Mkr1 2.479 984 9 GHz 3.10 dBm Ref Lvl Offset 1.10 dB Ref Level 11.10 dBm</p>



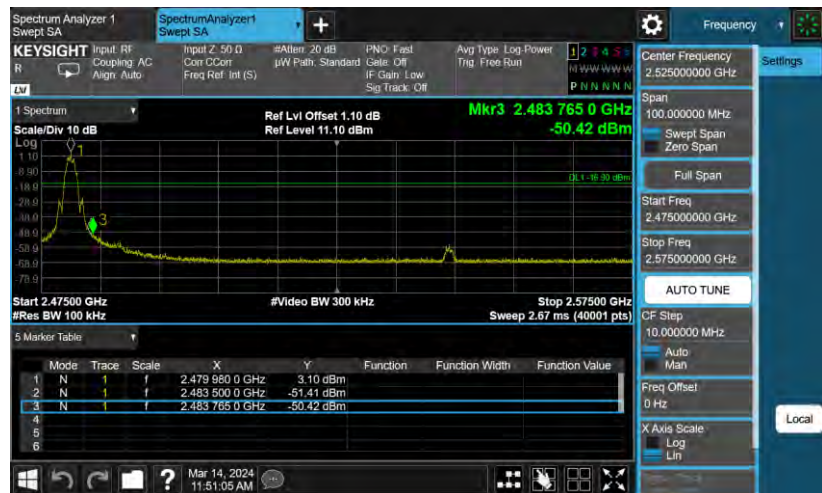
Conducted Band Edge

BLE 2M

Low ch



High ch







6 dB Bandwidth

BLE 2M	
Low ch	<p>Center Frequency: 2.40200000 GHz Span: 6.0000 MHz CF Step: 600.000 kHz Freq Offset: 0 Hz</p> <p>Occupied Bandwidth: 2.1021 MHz Total Power: 10.4 dBm Transmit Freq Error: -6.841 kHz % of OBW Power: 99.00 %</p>
Mid ch	<p>Center Frequency: 2.44000000 GHz Span: 6.0000 MHz CF Step: 600.000 kHz Freq Offset: 0 Hz</p> <p>Occupied Bandwidth: 2.1123 MHz Total Power: 10.6 dBm Transmit Freq Error: -6.405 kHz % of OBW Power: 99.00 %</p>
High ch	<p>Center Frequency: 2.48000000 GHz Span: 6.0000 MHz CF Step: 600.000 kHz Freq Offset: 0 Hz</p> <p>Occupied Bandwidth: 2.1131 MHz Total Power: 10.4 dBm Transmit Freq Error: -5.754 kHz % of OBW Power: 99.00 %</p>

BLR C8	
Low ch	<p>Center Frequency: 2.40200000 GHz Span: 3.0000 MHz CF Step: 300.000 kHz Freq Offset: 0 Hz</p> <p>Occupied Bandwidth: 1.0522 MHz Transmit Freq Error: -14.612 kHz x OB Bandwidth: 605.7 kHz</p> <p>Total Power: 7.75 dBm % of OBW Power: 99.00 % x dB: -6.00 dB</p>
Mid ch	<p>Center Frequency: 2.44000000 GHz Span: 3.0000 MHz CF Step: 300.000 kHz Freq Offset: 0 Hz</p> <p>Occupied Bandwidth: 1.0585 MHz Transmit Freq Error: -15.694 kHz x OB Bandwidth: 606.0 kHz</p> <p>Total Power: 7.74 dBm % of OBW Power: 99.00 % x dB: -6.00 dB</p>
High ch	<p>Center Frequency: 2.48000000 GHz Span: 3.0000 MHz CF Step: 300.000 kHz Freq Offset: 0 Hz</p> <p>Occupied Bandwidth: 1.0568 MHz Transmit Freq Error: -15.989 kHz x OB Bandwidth: 605.3 kHz</p> <p>Total Power: 7.56 dBm % of OBW Power: 99.00 % x dB: -6.00 dB</p>

99 % Occupied Bandwidth

BLE 2M	
Low ch	<p>Center 2.402000 GHz #Res BW 30.000 kHz #Video BW 100.00 kHz Span 6 MHz Sweep 6.33 ms (1001 pts)</p> <p>Occupied Bandwidth: 2.0711 MHz Total Power: 9.52 dBm % of OBW Power: 99.00% Transmit Freq Error: -4.627 kHz x dB Bandwidth: 2.402 MHz</p>
Mid ch	<p>Center 2.440000 GHz #Res BW 30.000 kHz #Video BW 100.00 kHz Span 6 MHz Sweep 6.33 ms (1001 pts)</p> <p>Occupied Bandwidth: 2.0859 MHz Total Power: 9.69 dBm % of OBW Power: 99.00% Transmit Freq Error: -1.062 kHz x dB Bandwidth: 2.418 MHz</p>
High ch	<p>Center 2.480000 GHz #Res BW 30.000 kHz #Video BW 100.00 kHz Span 6 MHz Sweep 6.33 ms (1001 pts)</p> <p>Occupied Bandwidth: 2.0768 MHz Total Power: 9.52 dBm % of OBW Power: 99.00% Transmit Freq Error: -1.232 kHz x dB Bandwidth: 2.427 MHz</p>

BLR C8	
Low ch	<p>Center Frequency: 2.402000000 GHz</p> <p>Span: 3.0000 MHz</p> <p>CF Step: 300.000 kHz</p> <p>Occupied Bandwidth: 1.0665 MHz</p> <p>Total Power: 8.08 dBm</p>
Mid ch	<p>Center Frequency: 2.440000000 GHz</p> <p>Span: 3.0000 MHz</p> <p>CF Step: 300.000 kHz</p> <p>Occupied Bandwidth: 1.0762 MHz</p> <p>Total Power: 8.05 dBm</p>
High ch	<p>Center Frequency: 2.480000000 GHz</p> <p>Span: 3.0000 MHz</p> <p>CF Step: 300.000 kHz</p> <p>Occupied Bandwidth: 1.0730 MHz</p> <p>Total Power: 7.90 dBm</p>

Power Density

BLE 2M	
<p>Low ch</p>	
<p>Mid ch</p>	
<p>High ch</p>	

