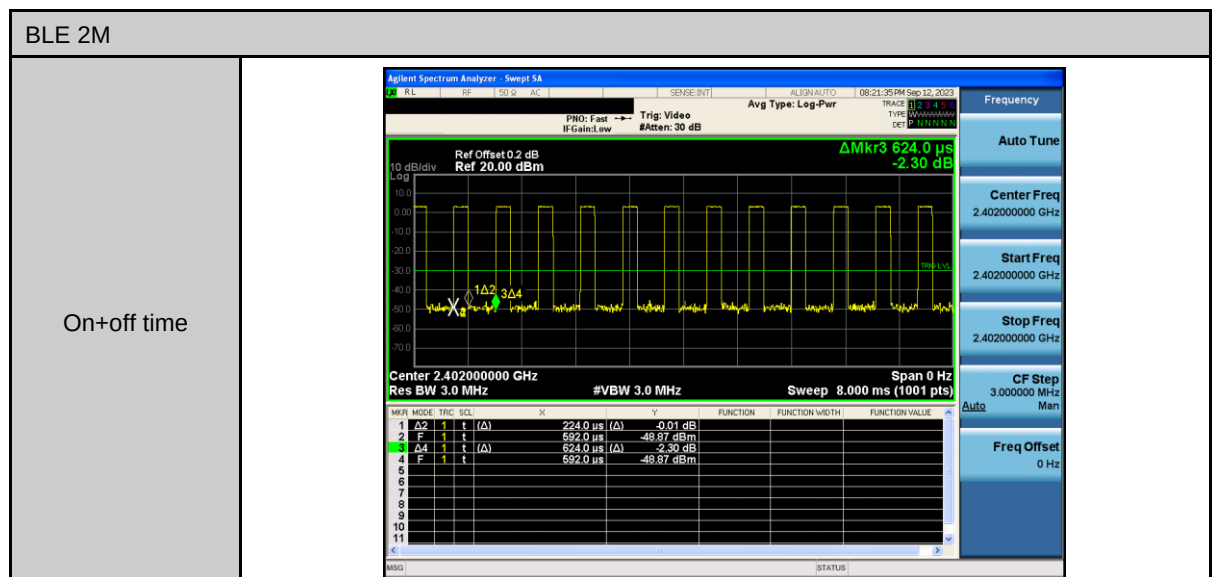
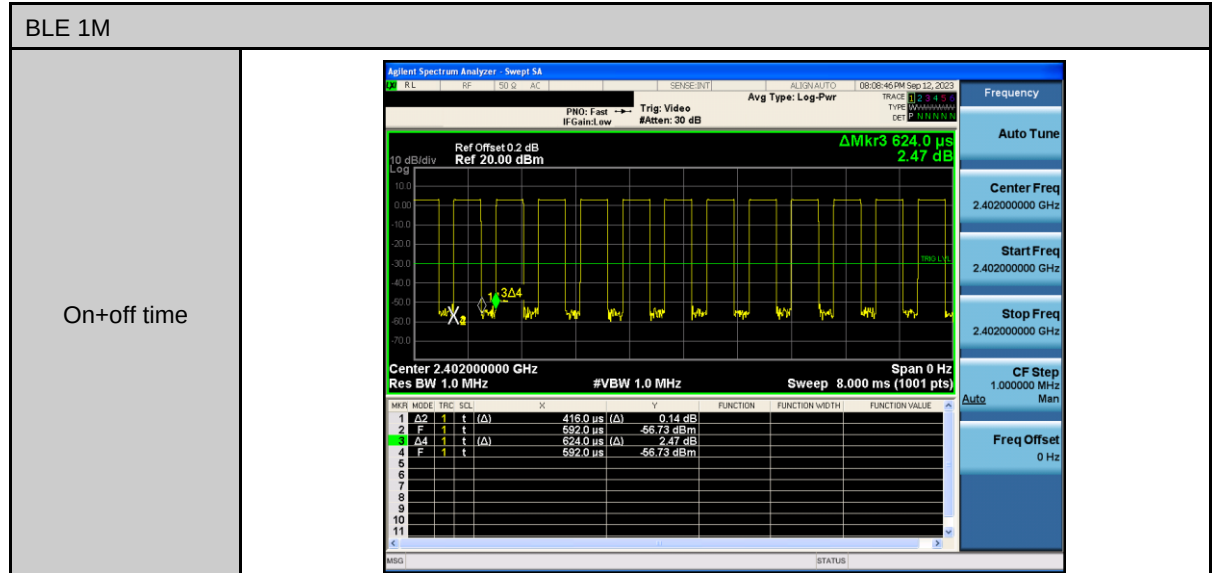
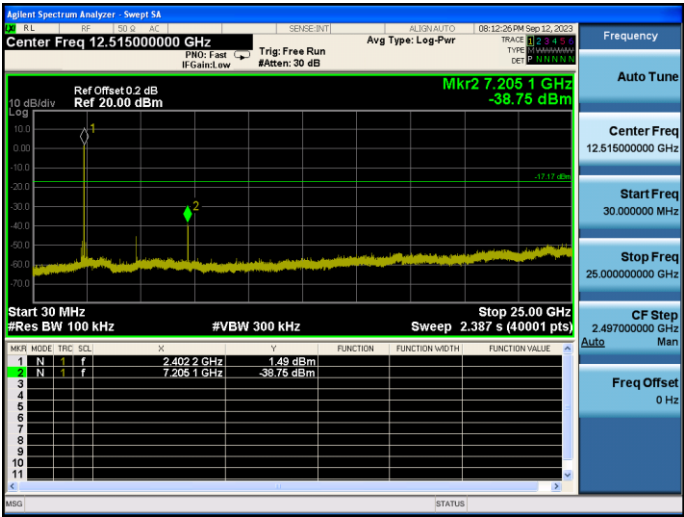
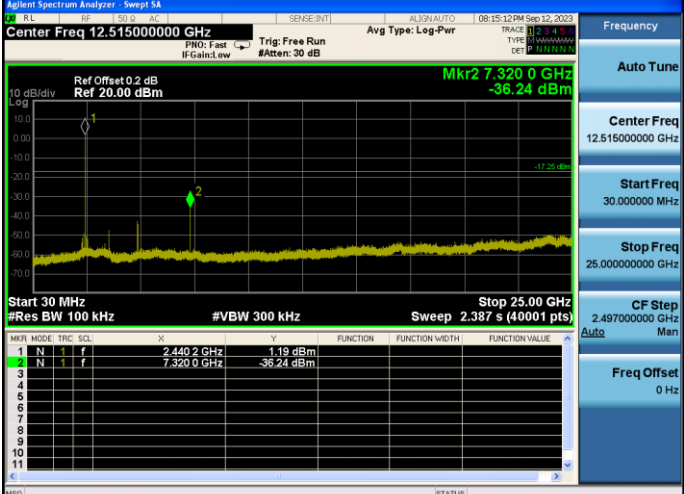
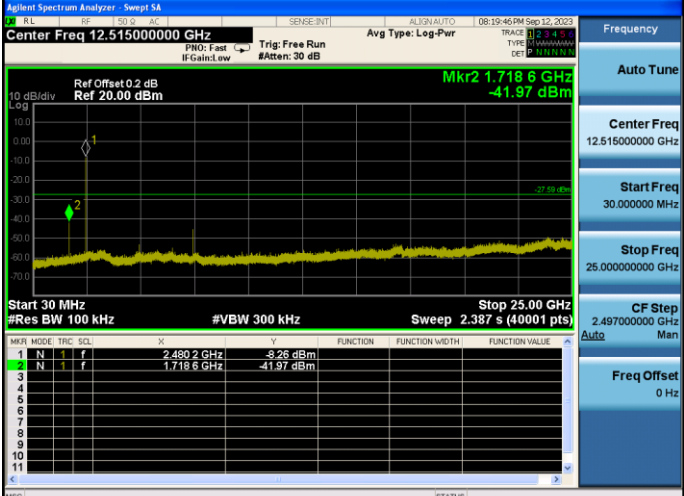


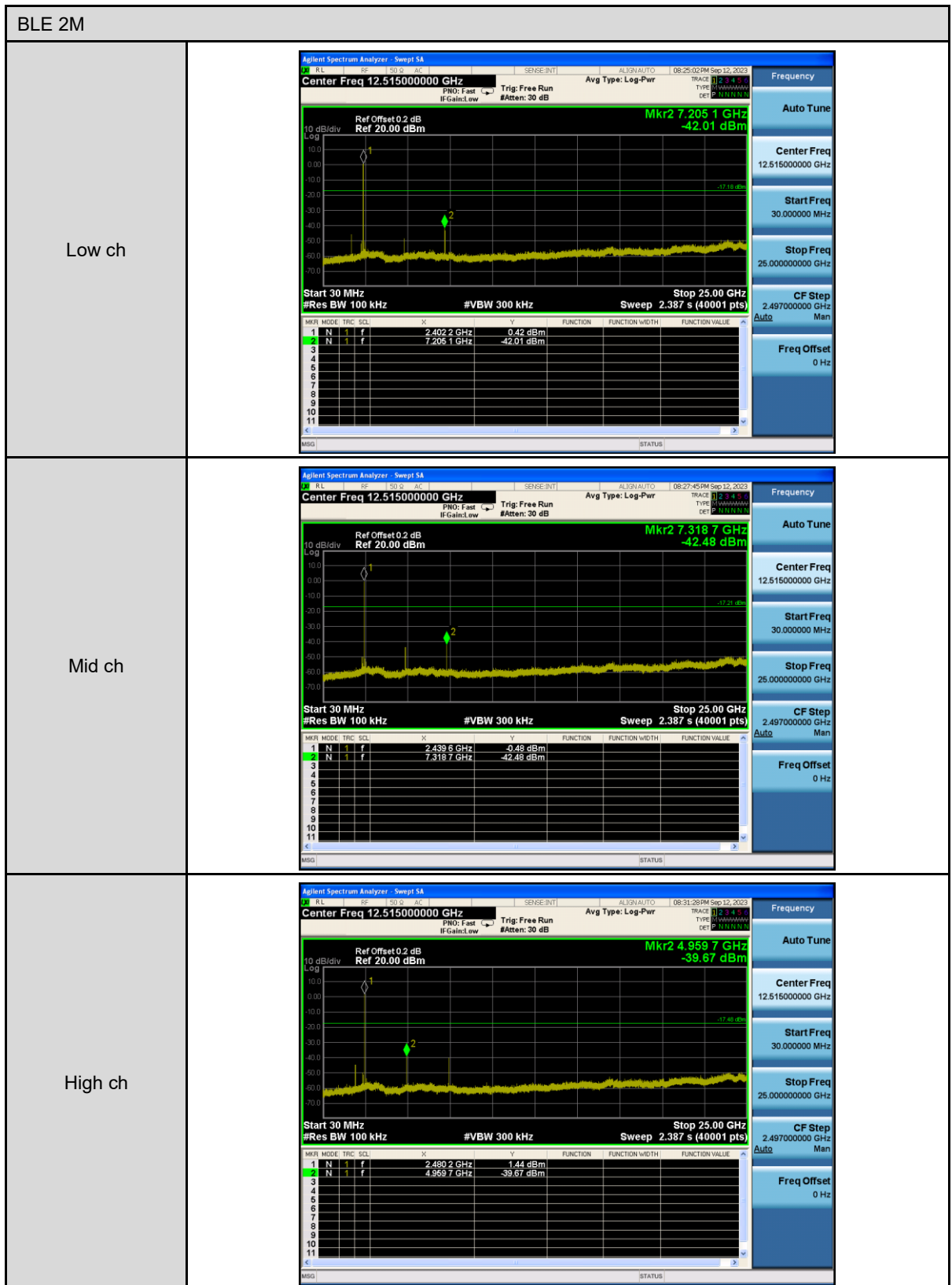
## Appendix B. Test Plots

### Duty cycle

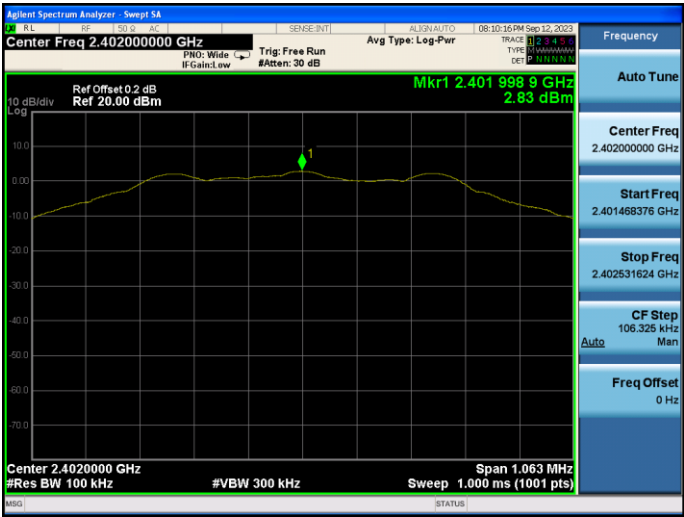


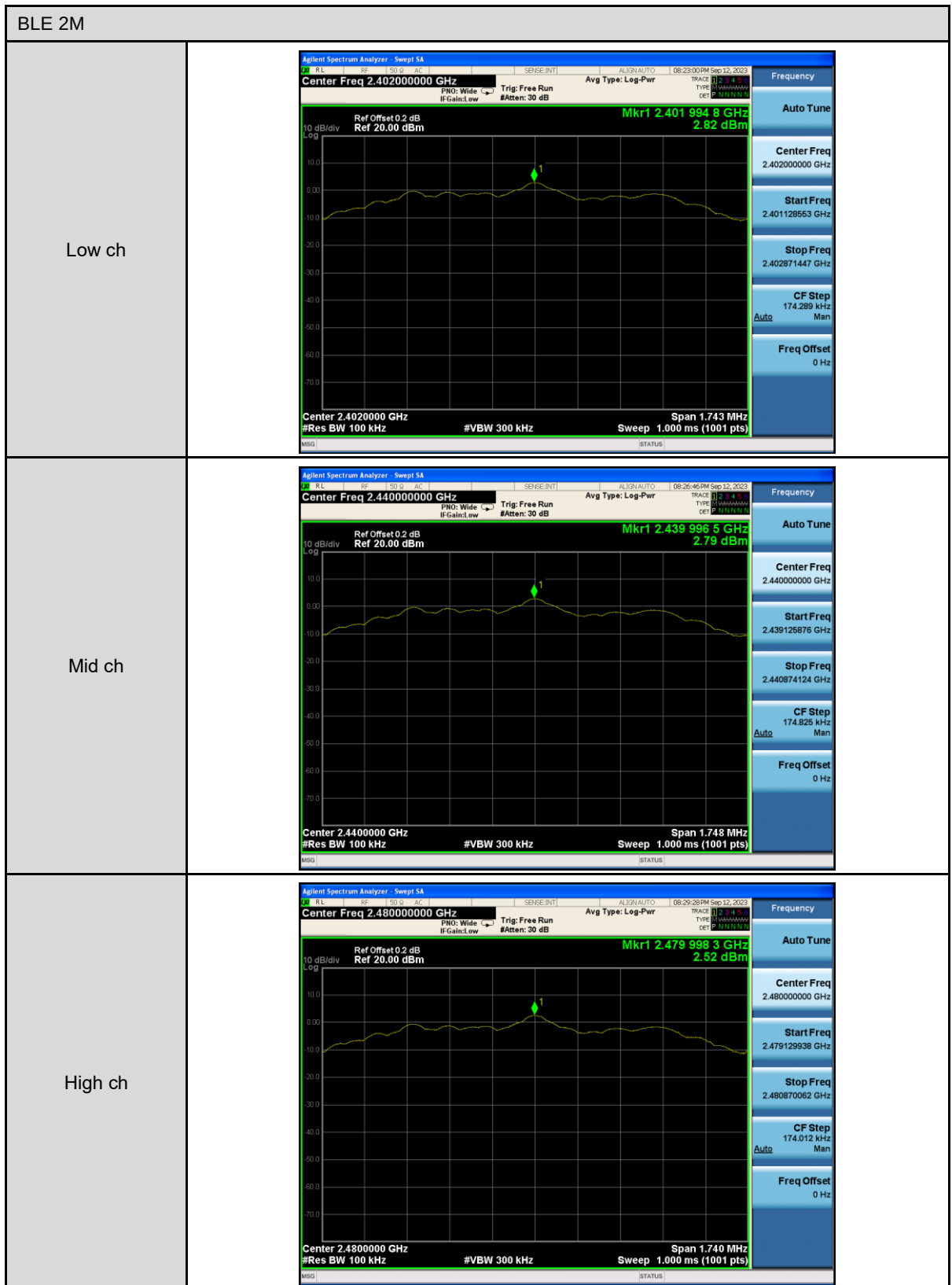
## Out of Band Conducted Spurious Emission

|         |                                                                                      |
|---------|--------------------------------------------------------------------------------------|
| BLE 1M  |    |
| Mid ch  |   |
| High ch |  |



## Reference level

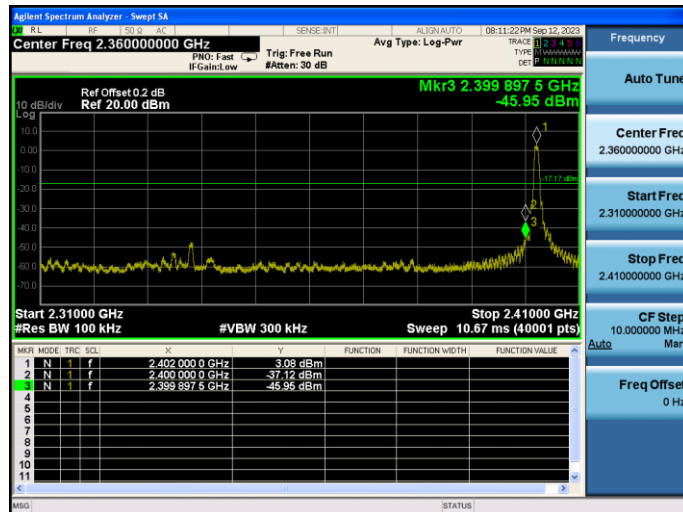
|         |                                                                                      |
|---------|--------------------------------------------------------------------------------------|
| BLE 1M  |    |
| Low ch  |   |
| Mid ch  |  |
| High ch |                                                                                      |



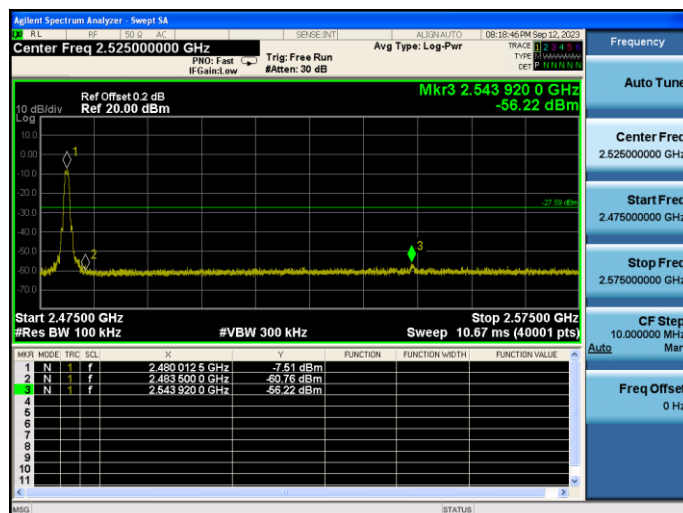
# Conducted Band Edge

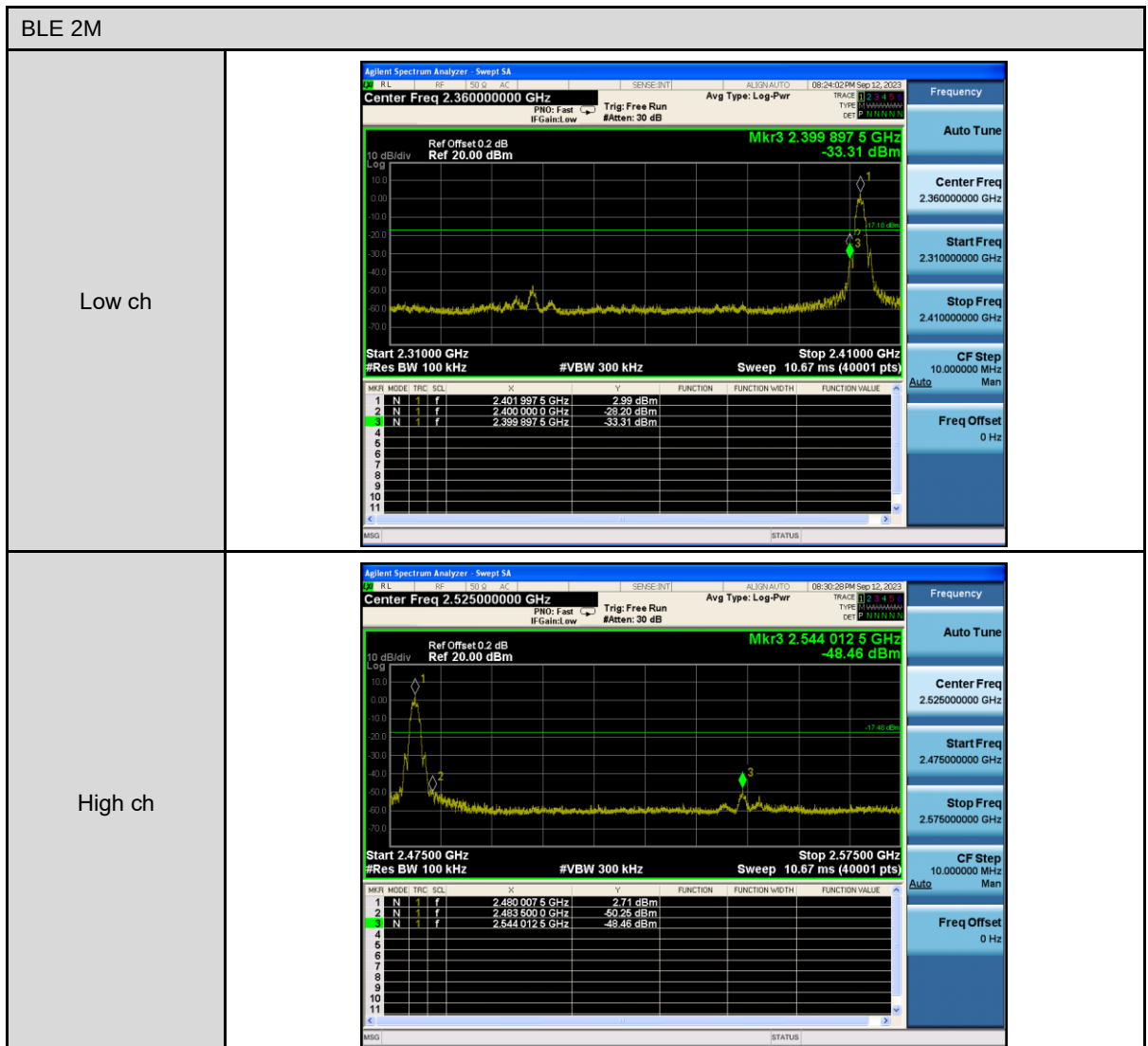
BLE 1M

Low ch



High ch

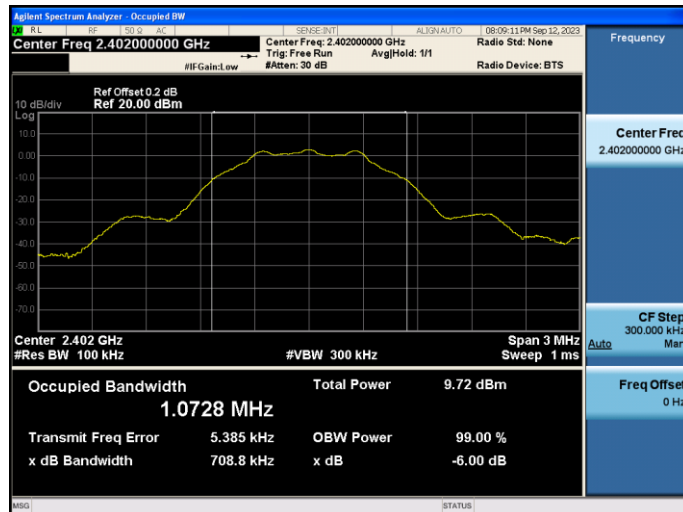




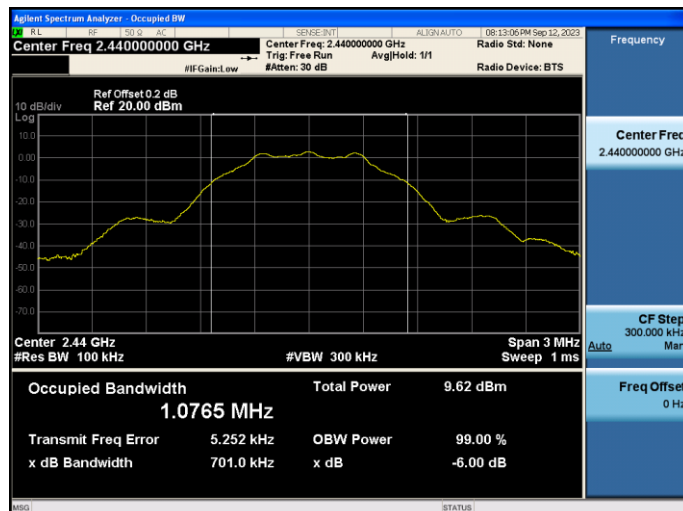
# 6 dB Bandwidth

BLE 1M

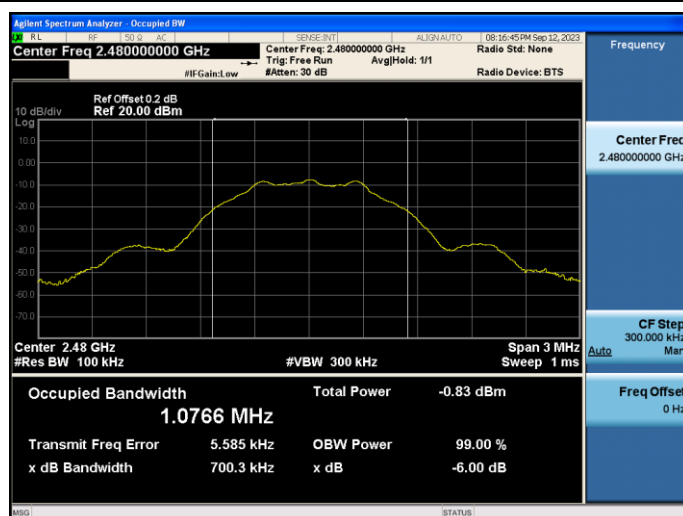
Low ch

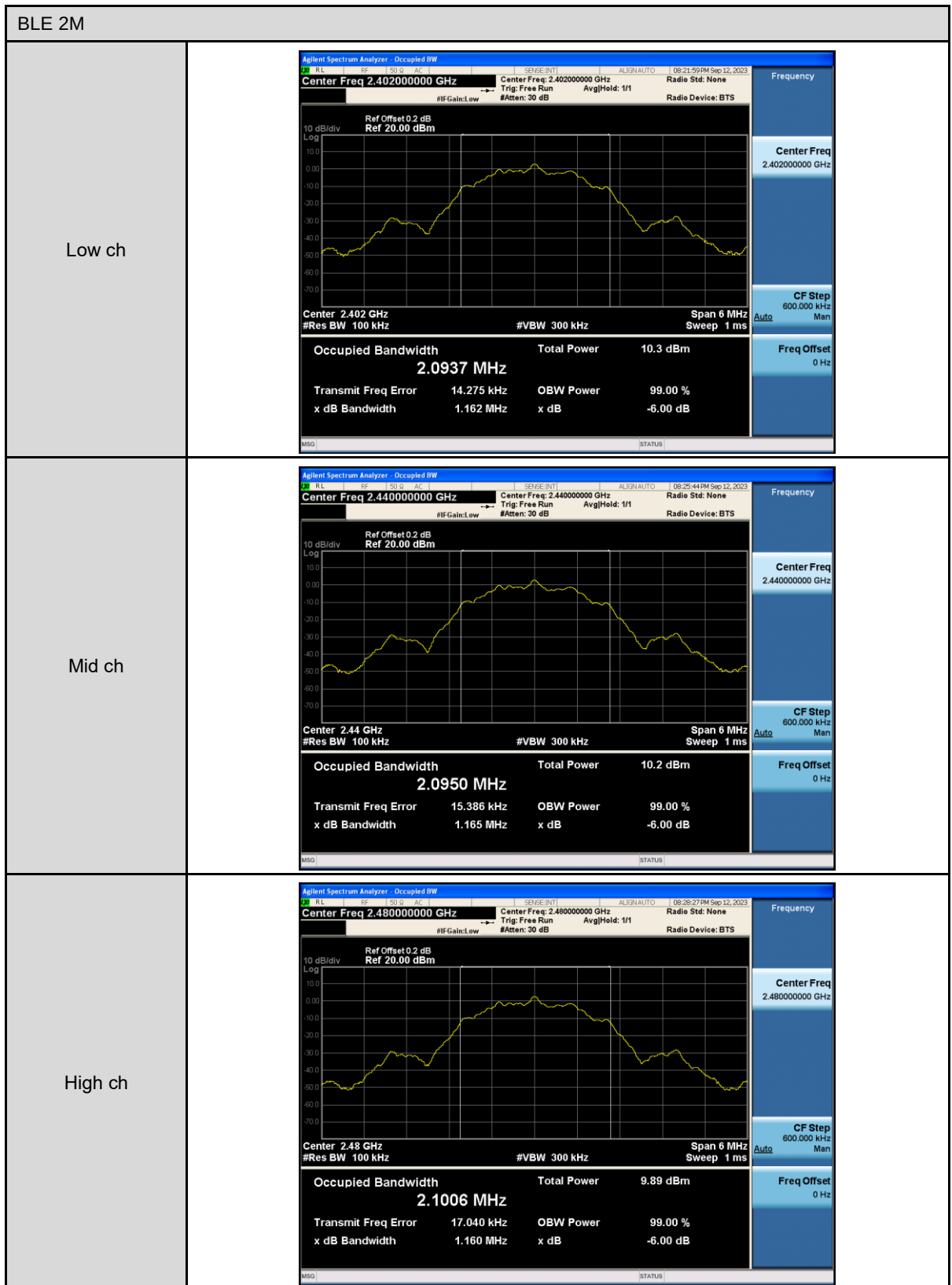


Mid ch

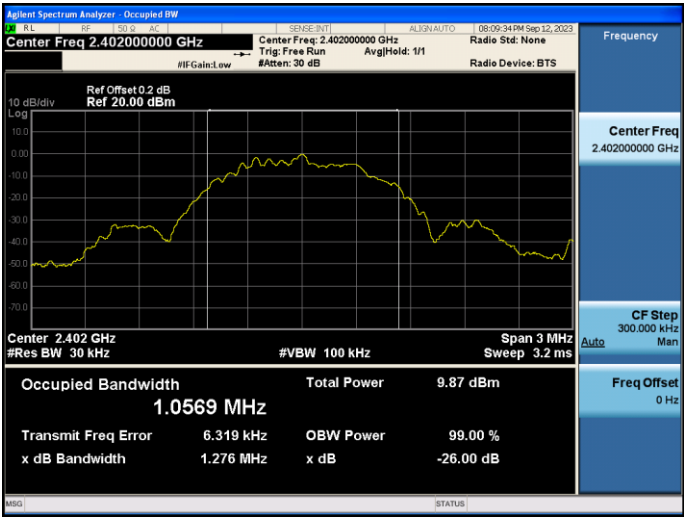
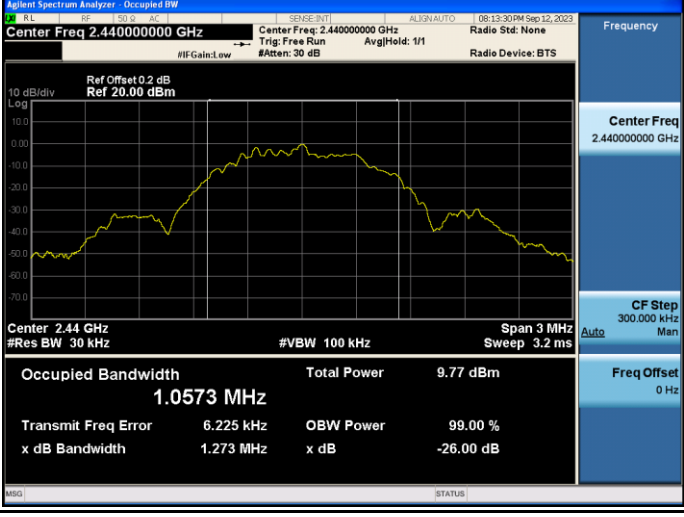
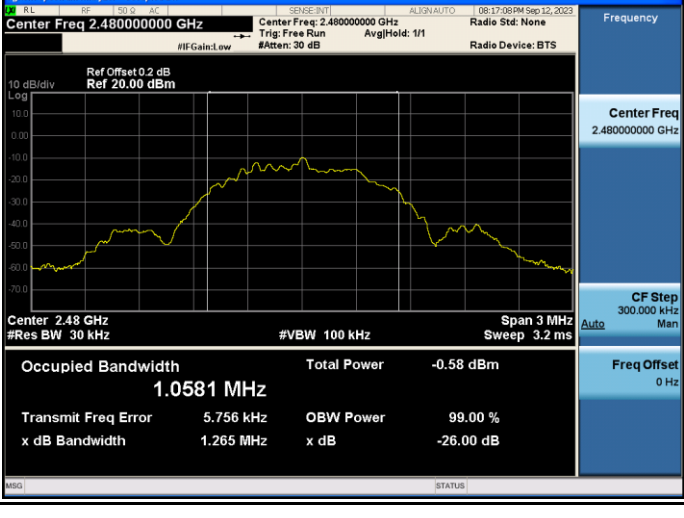


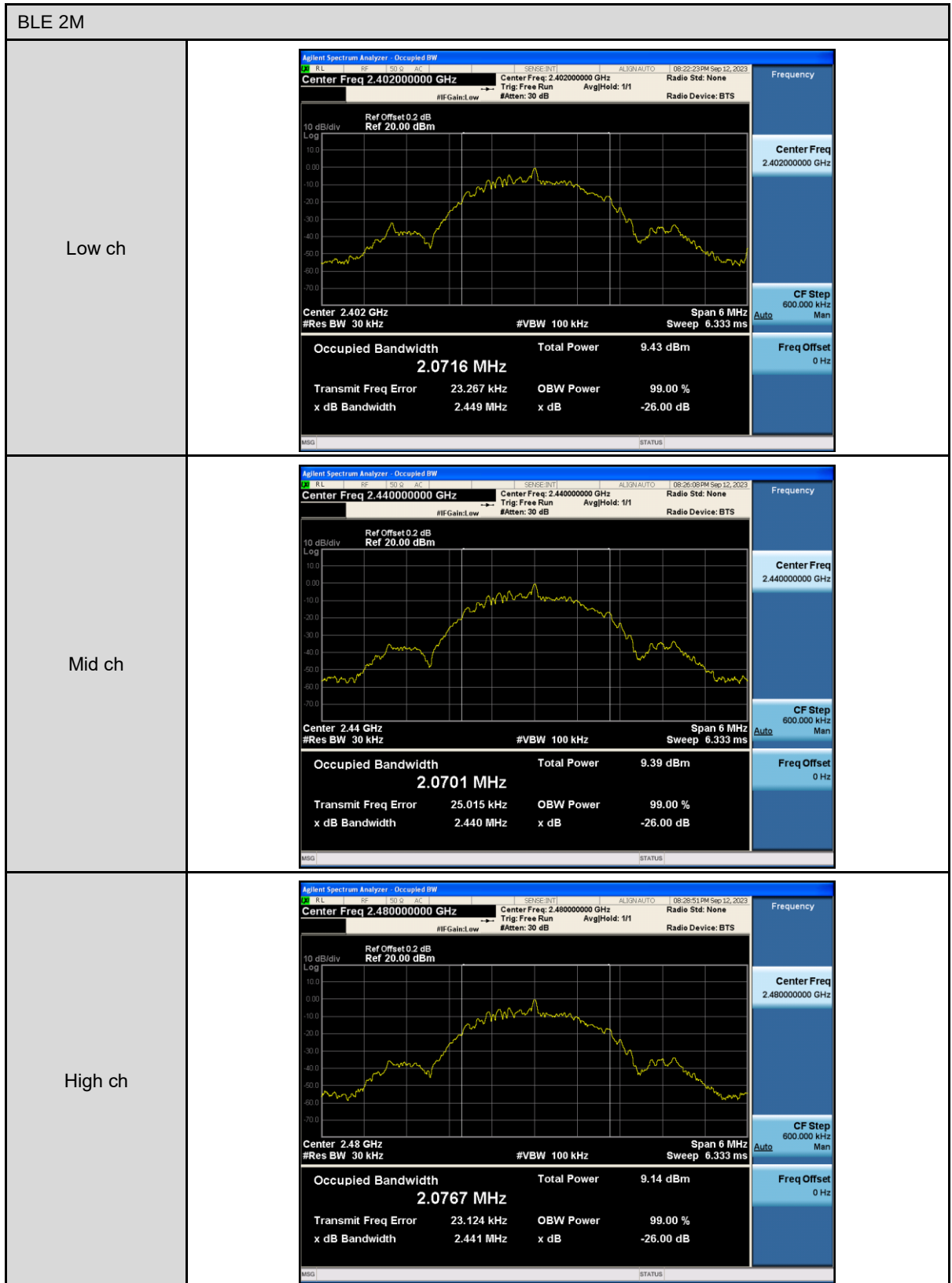
High ch





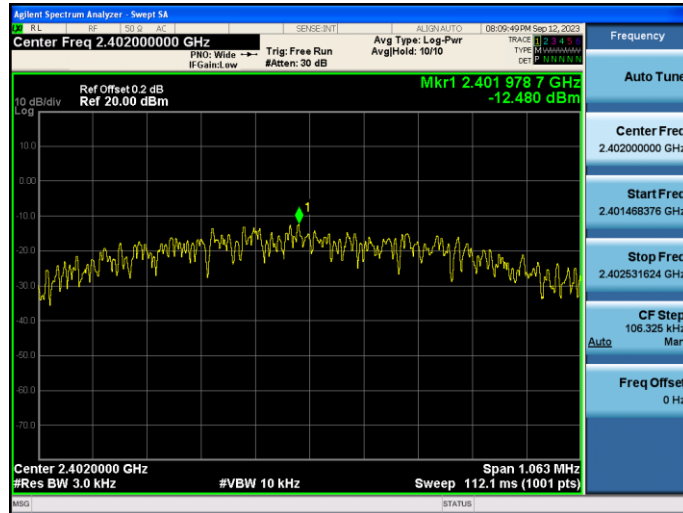
**99 % Occupied Bandwidth**

| BLE 1M  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Low ch  |  <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.402000000 GHz</p> <p>Center Freq: 2.402000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 0.2 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.402 GHz</p> <p>#Res BW: 30 kHz</p> <p>#VBW: 100 kHz</p> <p>Span 3 MHz</p> <p>Sweep 3.2 ms</p> <p>Occupied Bandwidth: 1.0569 MHz</p> <p>Total Power: 9.87 dBm</p> <p>Transmit Freq Error: 6.319 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 1.276 MHz</p> <p>x dB: -26.00 dB</p> <p>Frequency: Center Freq 2.402000000 GHz</p> <p>CF Step: 300.000 kHz</p> <p>Freq Offset: 0 Hz</p>   |
| Mid ch  |  <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.440000000 GHz</p> <p>Center Freq: 2.440000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 0.2 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.44 GHz</p> <p>#Res BW: 30 kHz</p> <p>#VBW: 100 kHz</p> <p>Span 3 MHz</p> <p>Sweep 3.2 ms</p> <p>Occupied Bandwidth: 1.0573 MHz</p> <p>Total Power: 9.77 dBm</p> <p>Transmit Freq Error: 6.225 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 1.273 MHz</p> <p>x dB: -26.00 dB</p> <p>Frequency: Center Freq 2.440000000 GHz</p> <p>CF Step: 300.000 kHz</p> <p>Freq Offset: 0 Hz</p>   |
| High ch |  <p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 2.480000000 GHz</p> <p>Center Freq: 2.480000000 GHz</p> <p>Trig: Free Run</p> <p>Avg/Hold: 1/1</p> <p>Radio Device: BTS</p> <p>Ref Offset: 0.2 dB</p> <p>Ref: 20.00 dBm</p> <p>Center 2.48 GHz</p> <p>#Res BW: 30 kHz</p> <p>#VBW: 100 kHz</p> <p>Span 3 MHz</p> <p>Sweep 3.2 ms</p> <p>Occupied Bandwidth: 1.0581 MHz</p> <p>Total Power: -0.58 dBm</p> <p>Transmit Freq Error: 5.756 kHz</p> <p>OBW Power: 99.00 %</p> <p>x dB Bandwidth: 1.265 MHz</p> <p>x dB: -26.00 dB</p> <p>Frequency: Center Freq 2.480000000 GHz</p> <p>CF Step: 300.000 kHz</p> <p>Freq Offset: 0 Hz</p> |

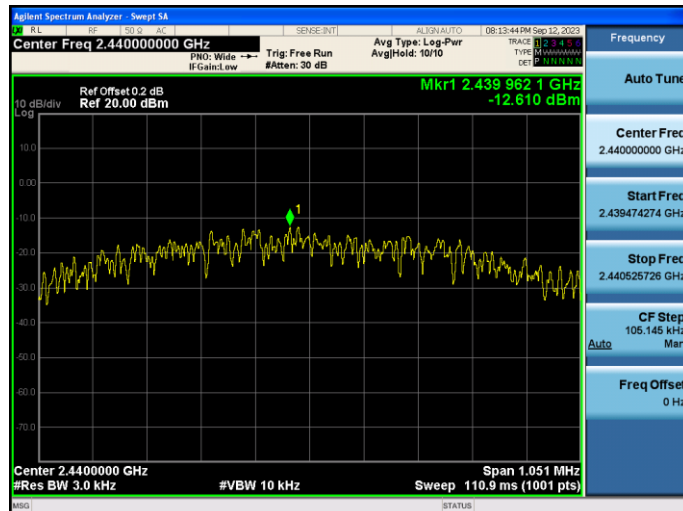


**Power Density**
**BLE 1M**

Low ch



Mid ch



High ch

