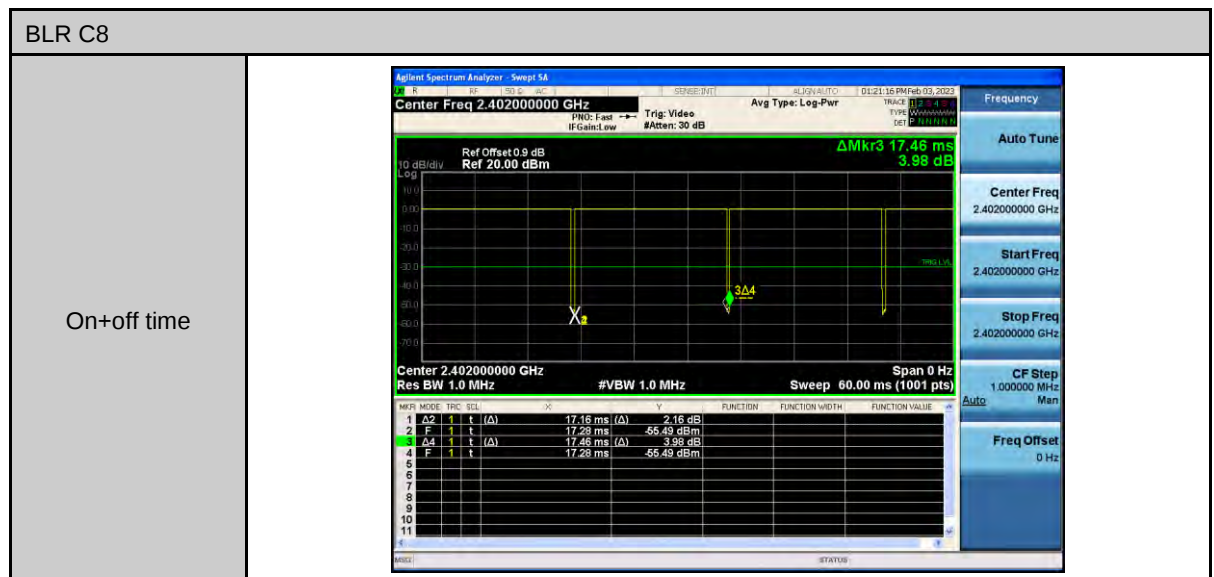
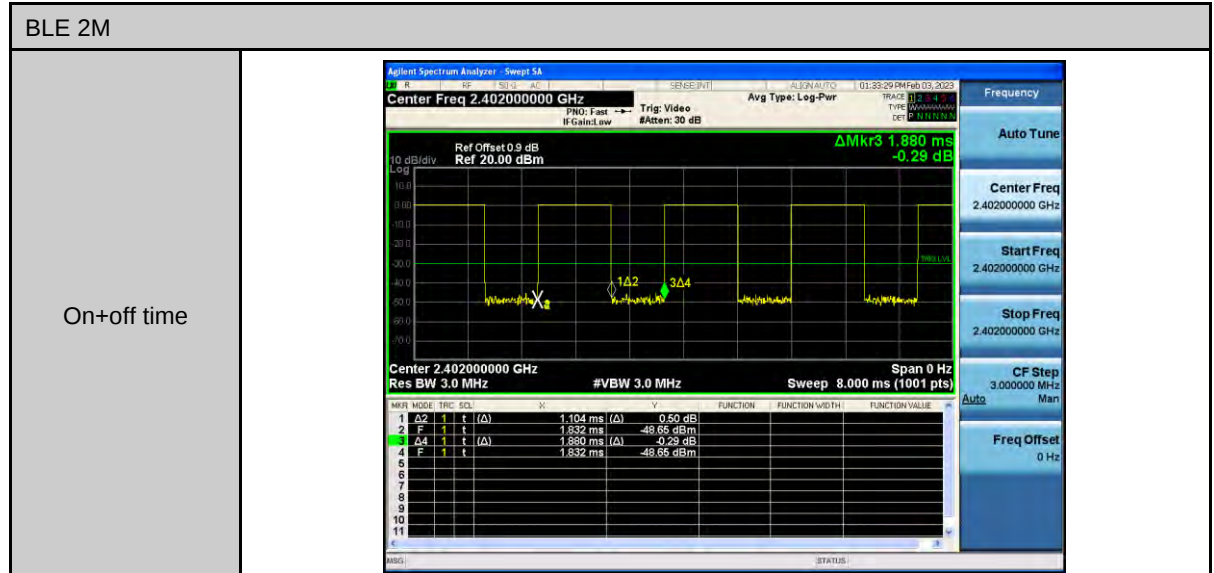
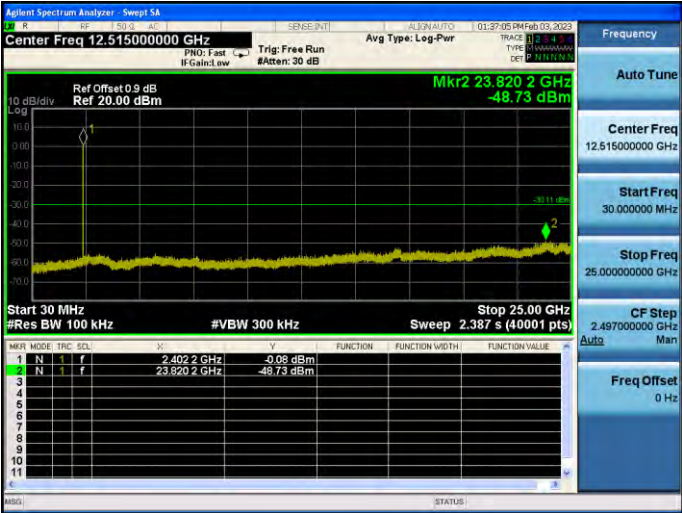
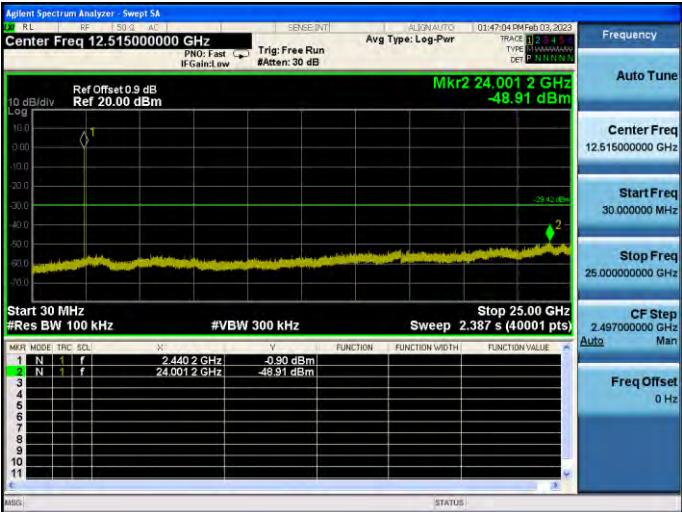
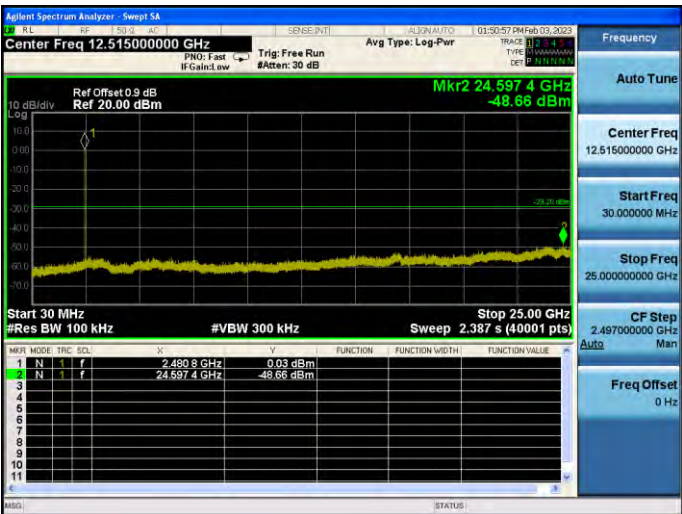


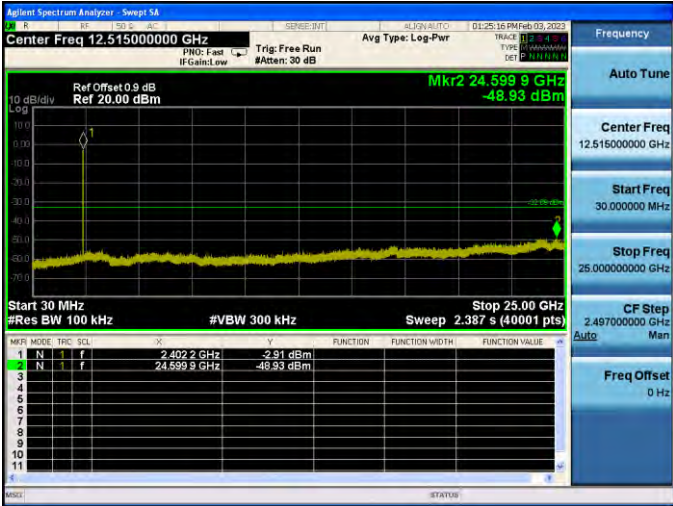
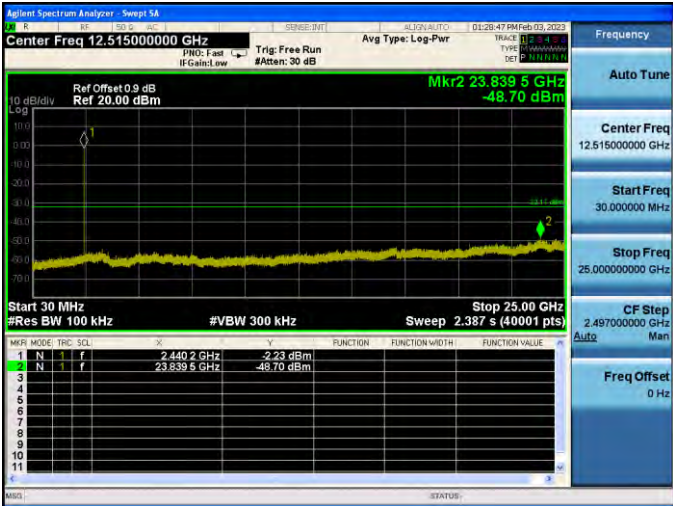
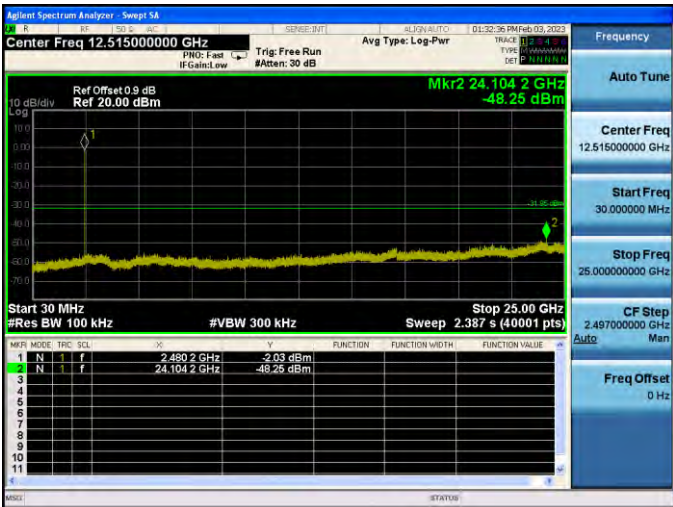
Appendix B. Test Plots

Duty cycle



Out of Band Conducted Spurious Emission

BLE 2M Low ch	
Mid ch	
High ch	

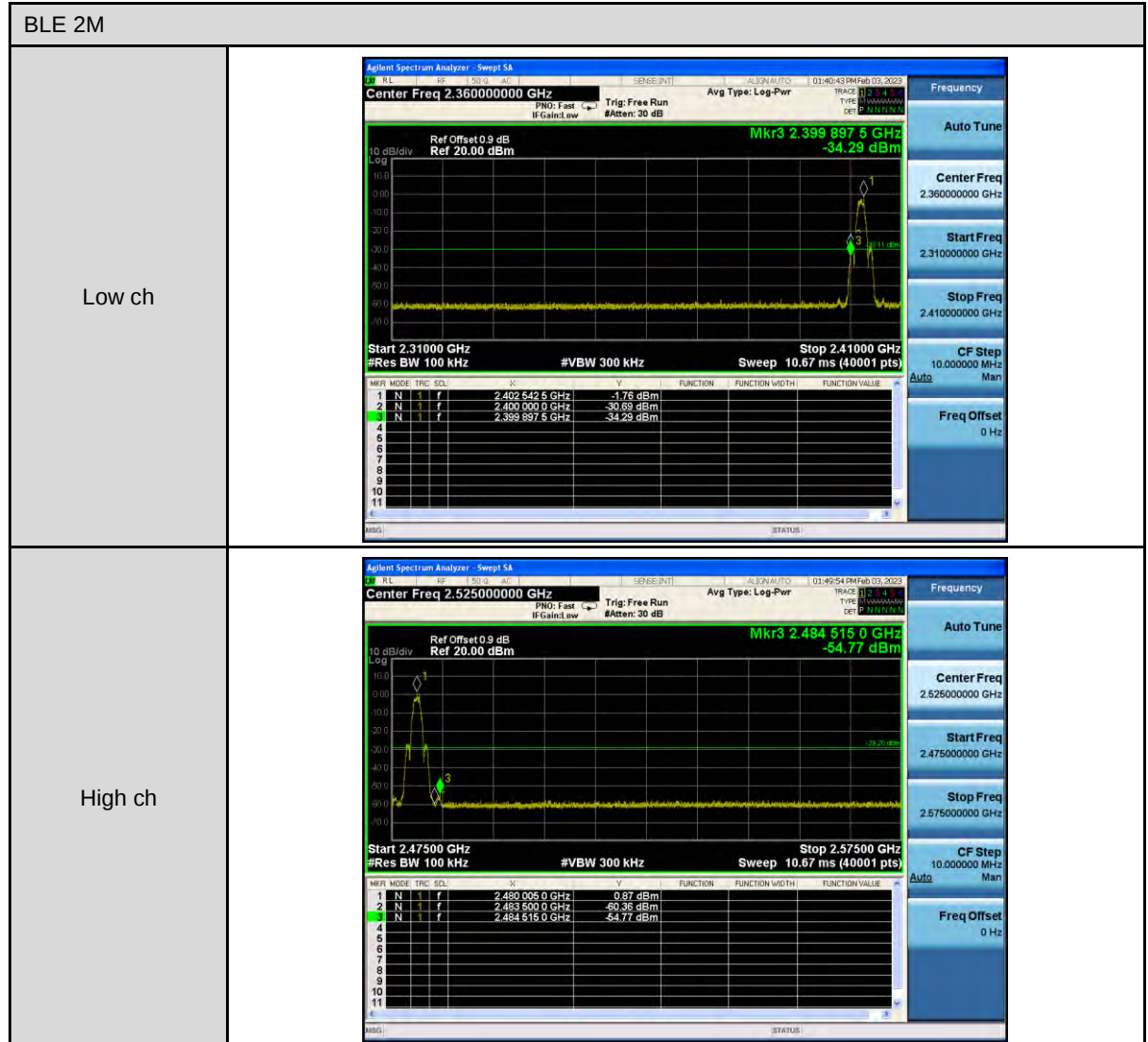
BLR C8	
Low ch	
Mid ch	
High ch	

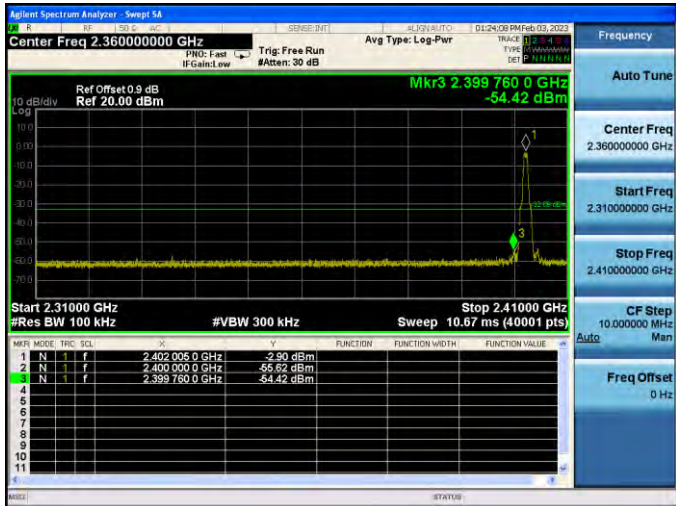
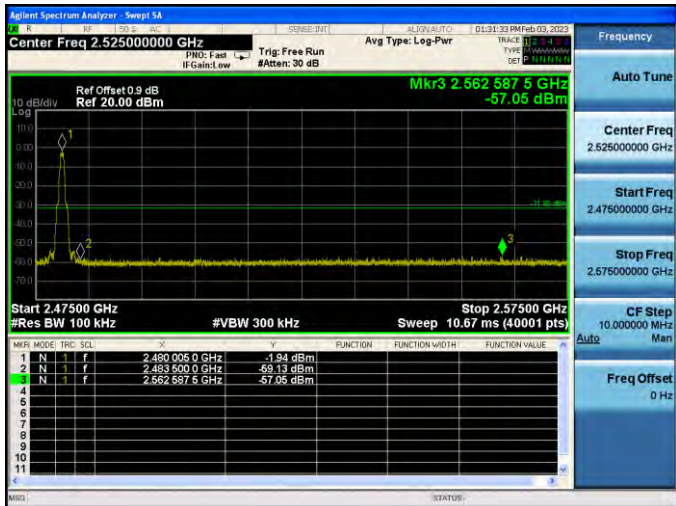
Reference level

BLE 2M Low ch	
Mid ch	
High ch	

BLR C8	
Low ch	
Mid ch	
High ch	

Conducted Band Edge



BLR C8	
Low ch	
High ch	

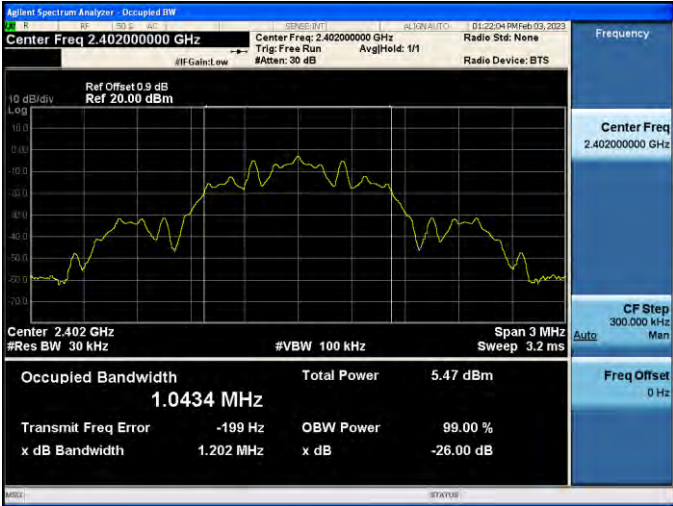
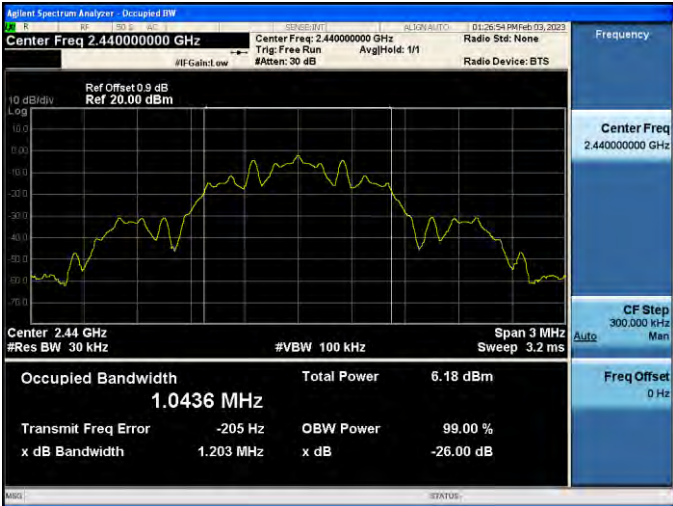
6 dB Bandwidth

BLE 2M	
Low ch	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.402000000 GHz Ref Offset: 0.9 dB, Ref: 20.00 dBm Occupied Bandwidth: 2.0625 MHz Total Power: 7.94 dBm Transmit Freq Error: 8.879 kHz OBW Power: 99.00 % x dB Bandwidth: 1.183 MHz x dB: -6.00 dB
Mid ch	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.440000000 GHz Ref Offset: 0.9 dB, Ref: 20.00 dBm Occupied Bandwidth: 2.0614 MHz Total Power: 8.65 dBm Transmit Freq Error: 8.526 kHz OBW Power: 99.00 % x dB Bandwidth: 1.182 MHz x dB: -6.00 dB
High ch	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 2.480000000 GHz Ref Offset: 0.9 dB, Ref: 20.00 dBm Occupied Bandwidth: 2.0625 MHz Total Power: 8.88 dBm Transmit Freq Error: 8.683 kHz OBW Power: 99.00 % x dB Bandwidth: 1.184 MHz x dB: -6.00 dB

BLR C8	
Low ch	
Mid ch	
High ch	

99 % Occupied Bandwidth

BLE 2M	
Low ch	 Center Freq 2.40200000 GHz Center Freq: 2.402000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Device: BTS Ref Offset 0.9 dB Ref 20.00 dBm Center 2.402 GHz #Res BW 30 kHz #VBW 100 kHz Span 6 MHz Sweep 6.333 ms Occupied Bandwidth 2.0550 MHz Total Power 7.25 dBm Transmit Freq Error 15.324 kHz OBW Power 99.00 % x dB Bandwidth 2.446 MHz x dB -26.00 dB
Mid ch	 Center Freq 2.44000000 GHz Center Freq: 2.440000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Device: BTS Ref Offset 0.9 dB Ref 20.00 dBm Center 2.44 GHz #Res BW 30 kHz #VBW 100 kHz Span 6 MHz Sweep 6.333 ms Occupied Bandwidth 2.0551 MHz Total Power 7.95 dBm Transmit Freq Error 15.191 kHz OBW Power 99.00 % x dB Bandwidth 2.446 MHz x dB -26.00 dB
High ch	 Center Freq 2.48000000 GHz Center Freq: 2.480000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Device: BTS Ref Offset 0.9 dB Ref 20.00 dBm Center 2.48 GHz #Res BW 30 kHz #VBW 100 kHz Span 6 MHz Sweep 6.333 ms Occupied Bandwidth 2.0549 MHz Total Power 8.17 dBm Transmit Freq Error 14.654 kHz OBW Power 99.00 % x dB Bandwidth 2.447 MHz x dB -26.00 dB

BLR C8	
Low ch	
Mid ch	
High ch	

Power Density

BLE 2M	
Low ch	
Mid ch	
High ch	

BLR C8	
Low ch	
Mid ch	
High ch	