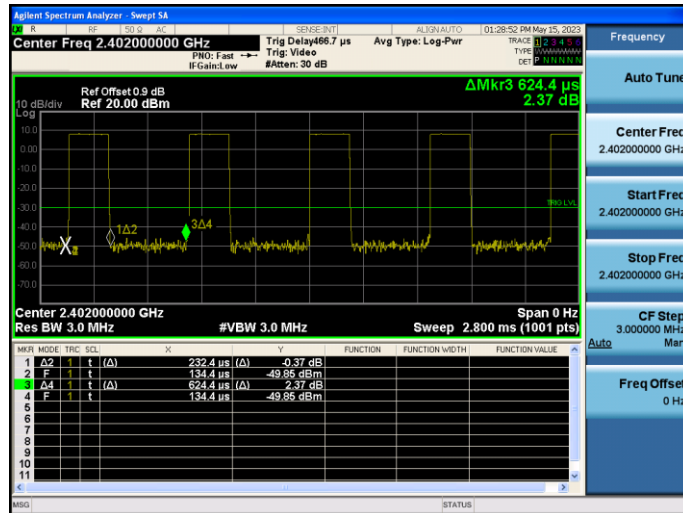


Appendix B. Test Plots

Duty cycle

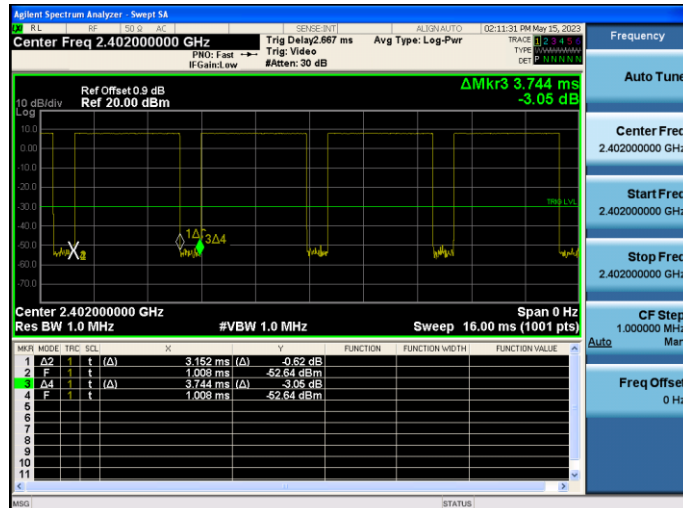
BLE 2M

On+off time



BLR C8

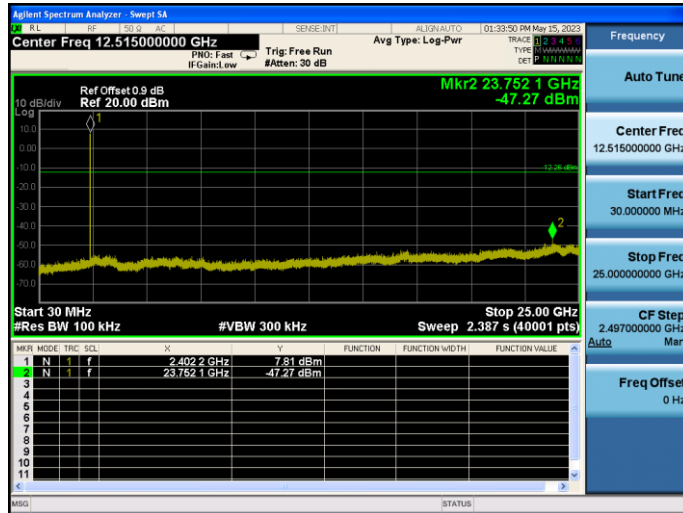
On+off time



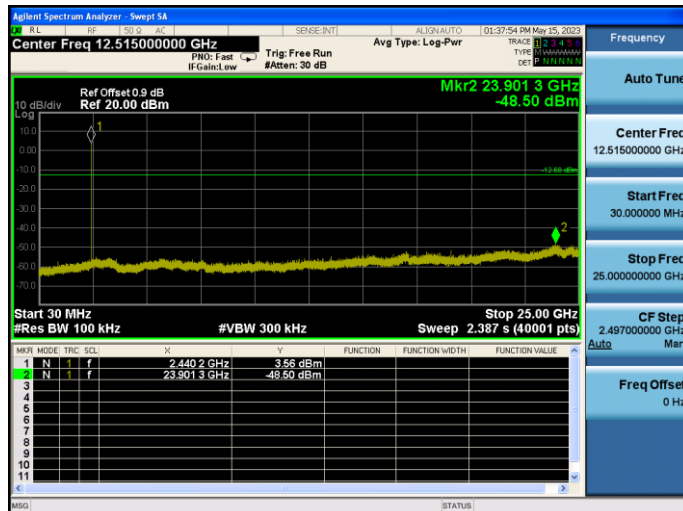
Out of Band Conducted Spurious Emission

BLE 2M

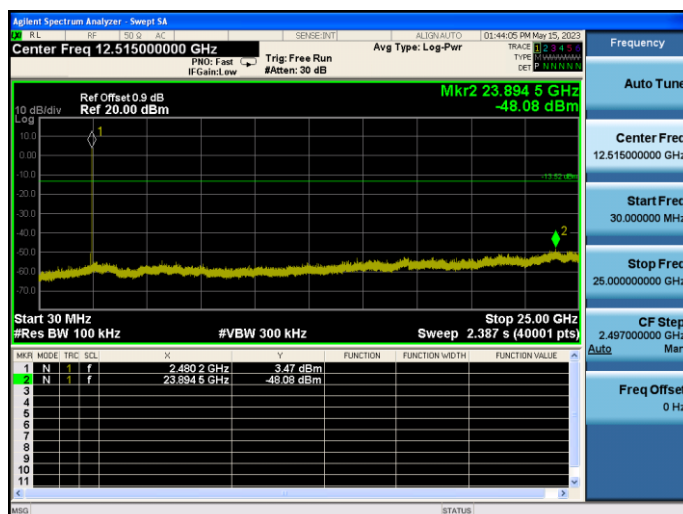
Low ch



Mid ch

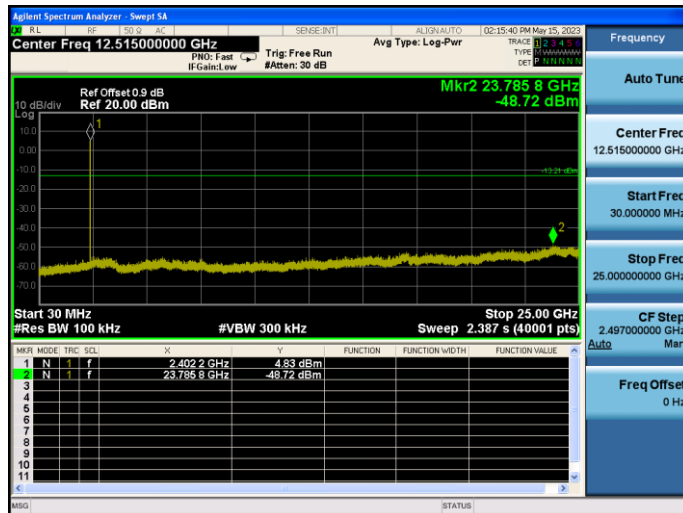


High ch

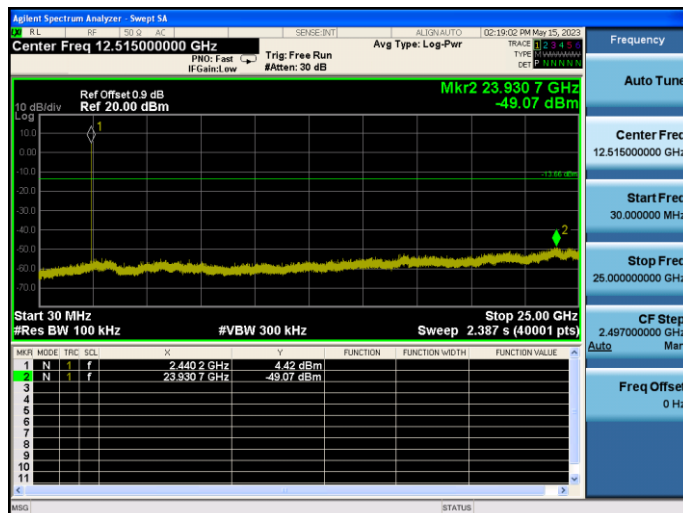


BLR C8

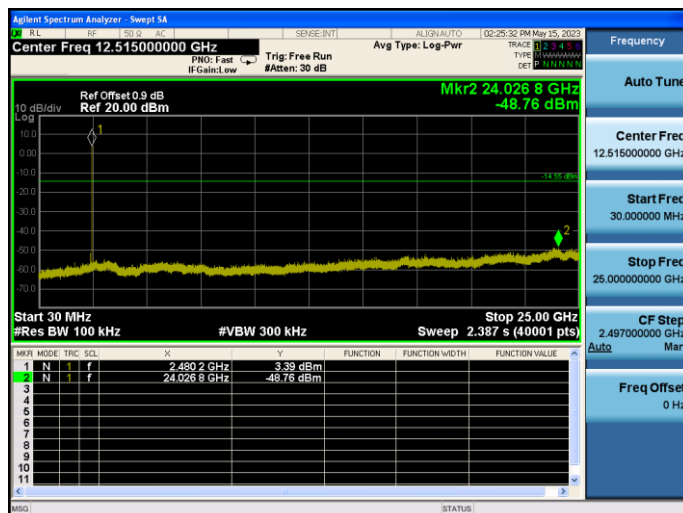
Low ch



Mid ch



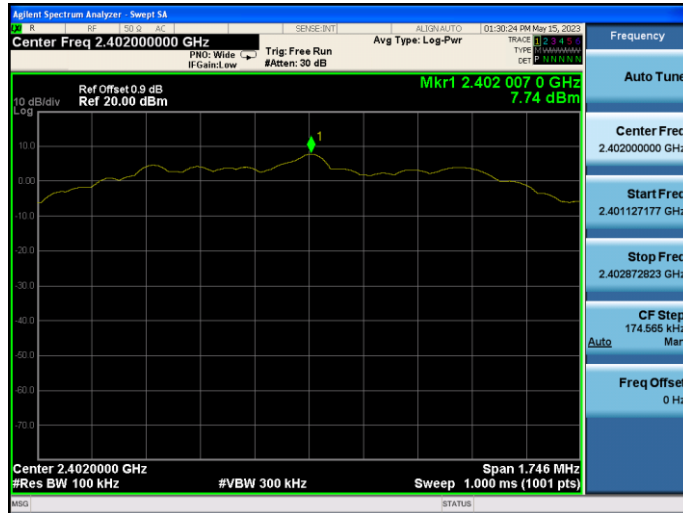
High ch



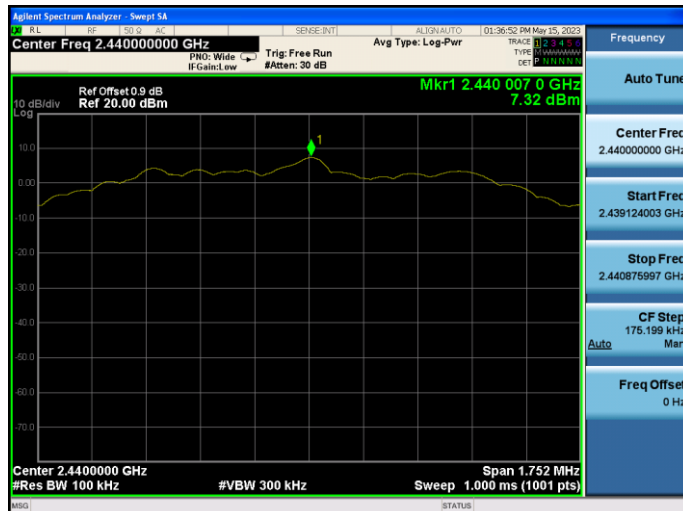
Reference level

BLE 2M

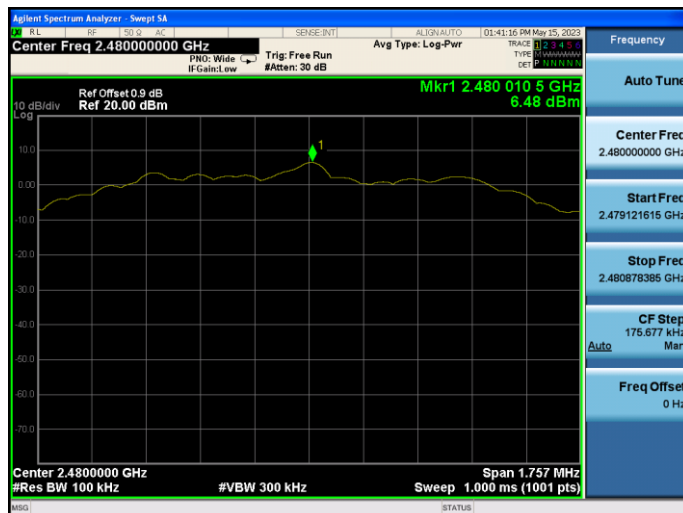
Low ch



Mid ch



High ch



BLR C8

Low ch



Mid ch



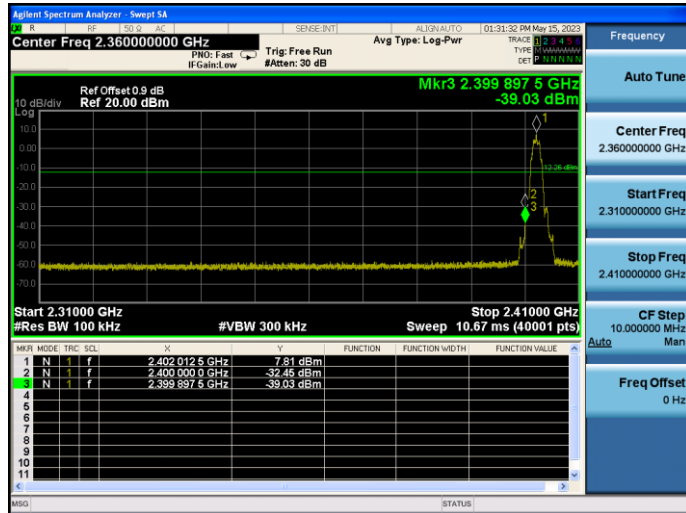
High ch



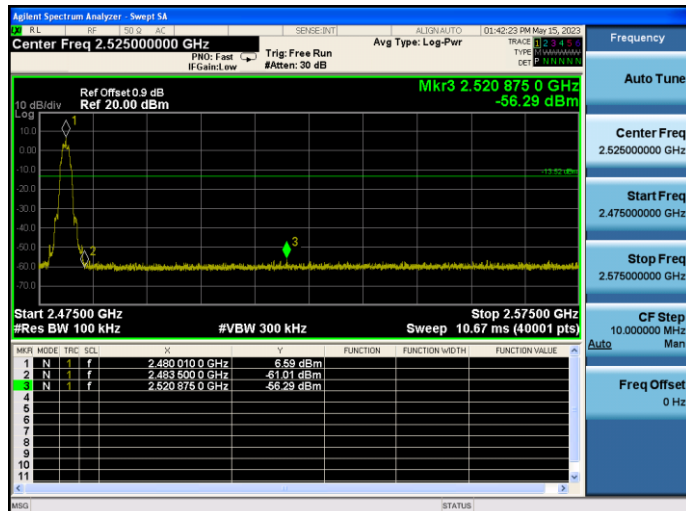
Conducted Band Edge

BLE 2M

Low ch

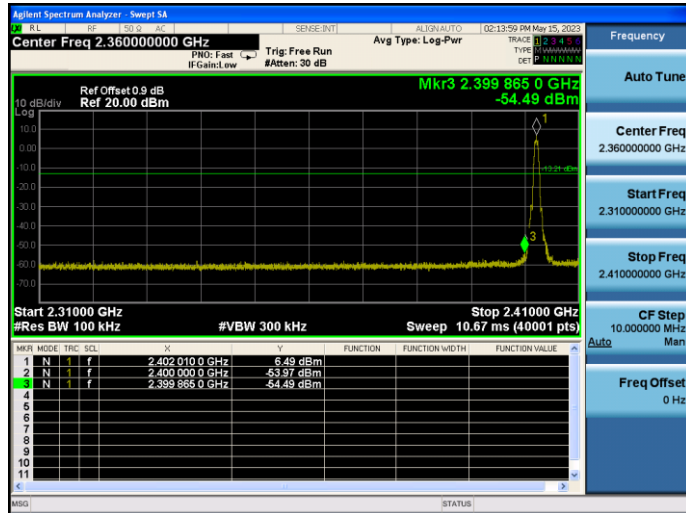


High ch

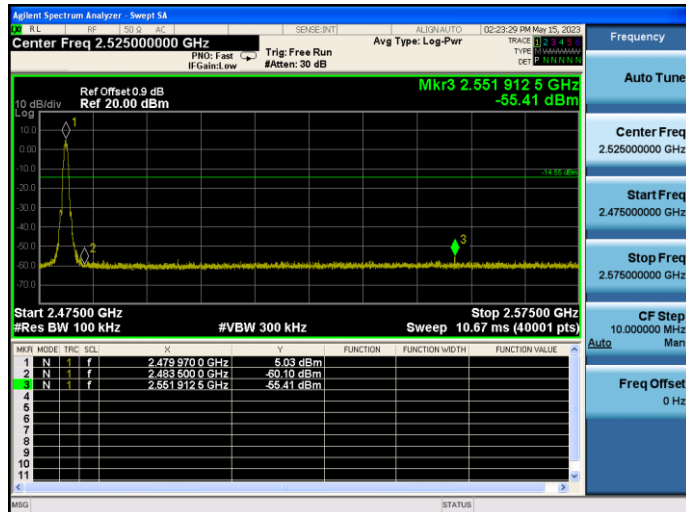


BLR C8

Low ch



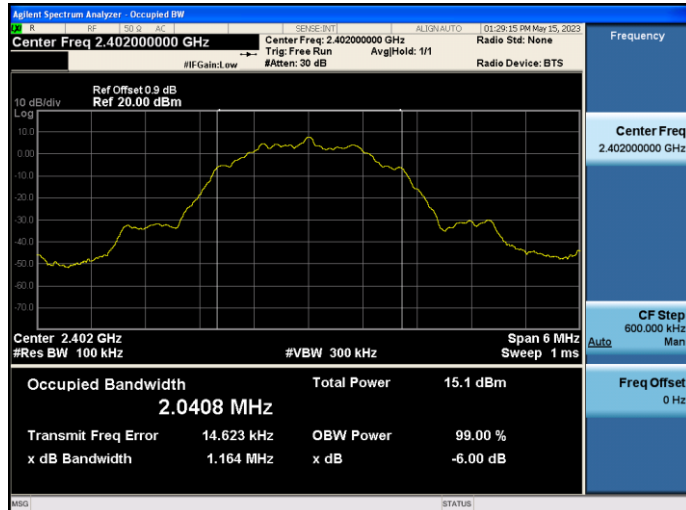
High ch



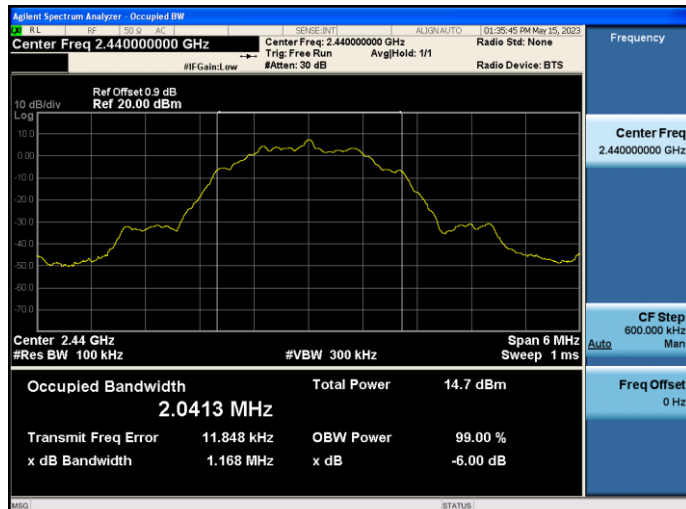
6 dB Bandwidth

BLE 2M

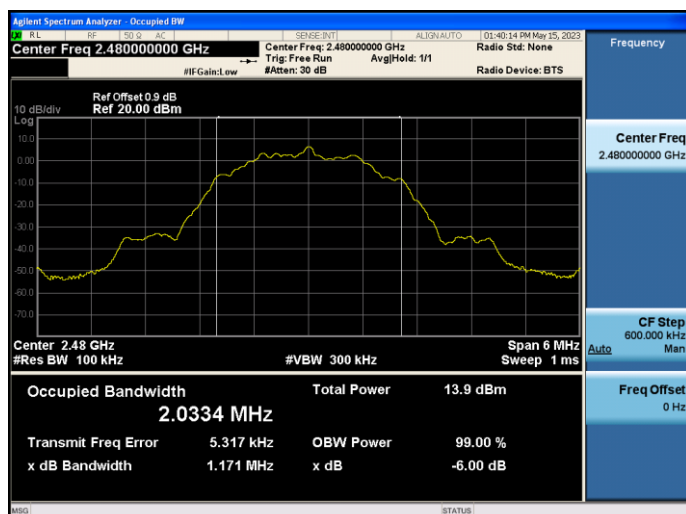
Low ch



Mid ch

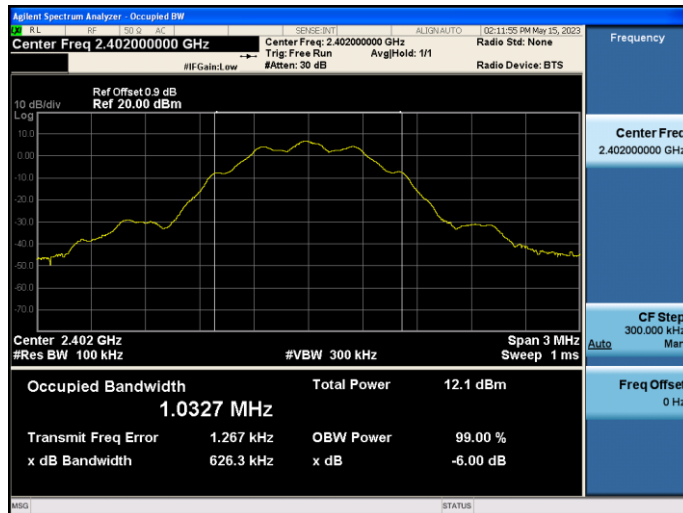


High ch

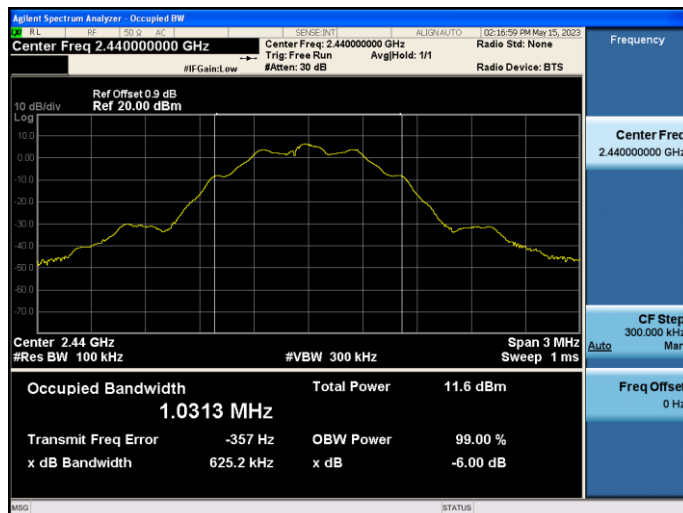


BLR C8

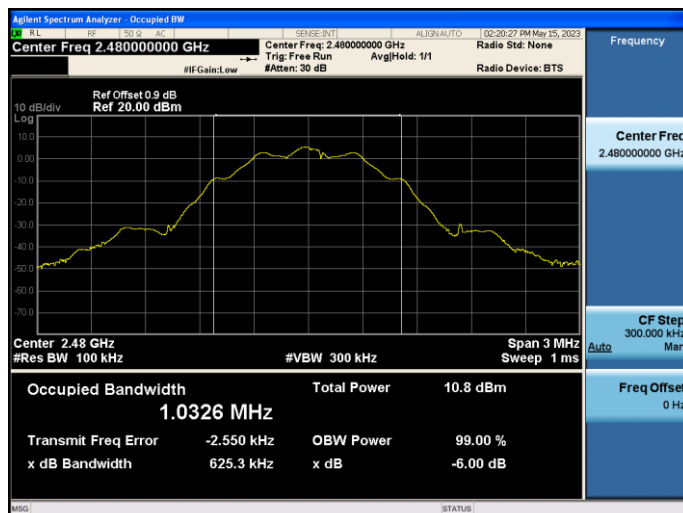
Low ch



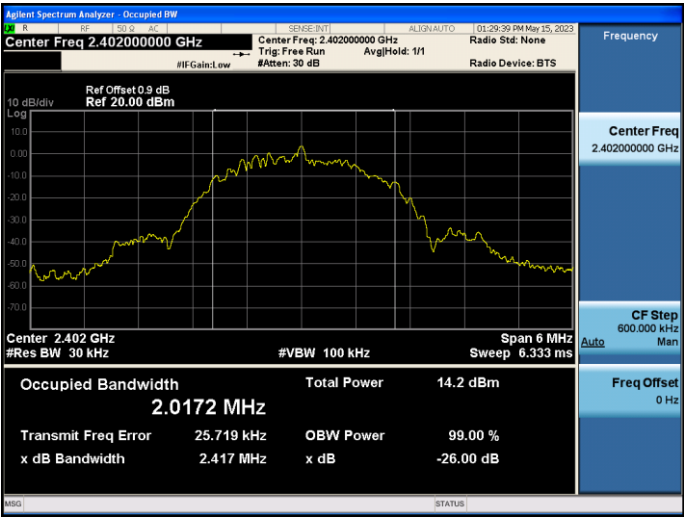
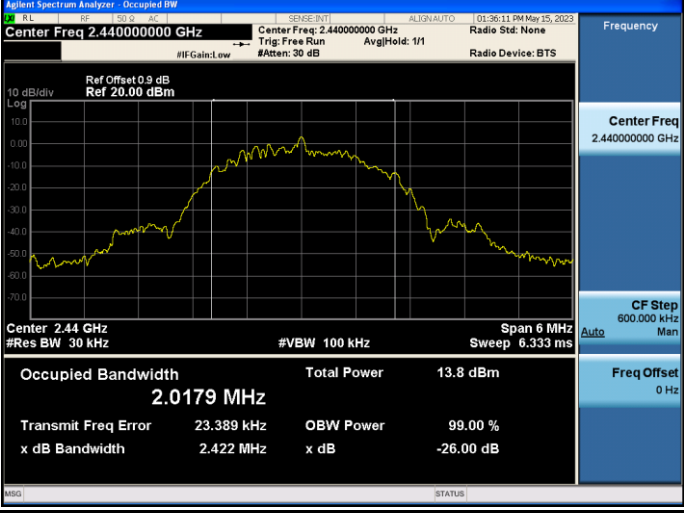
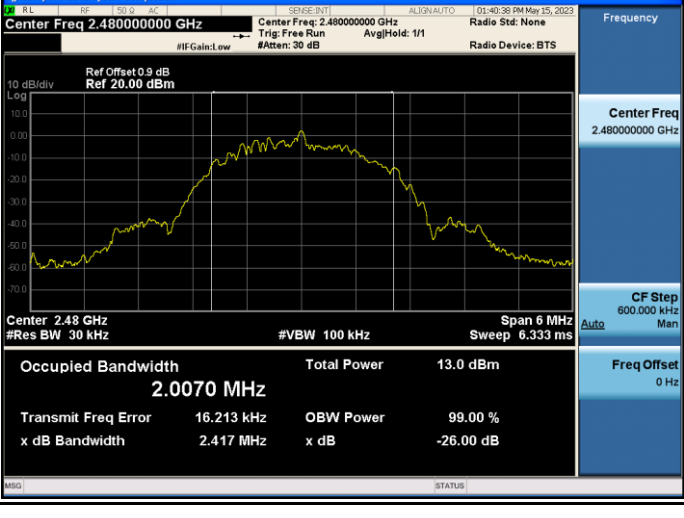
Mid ch

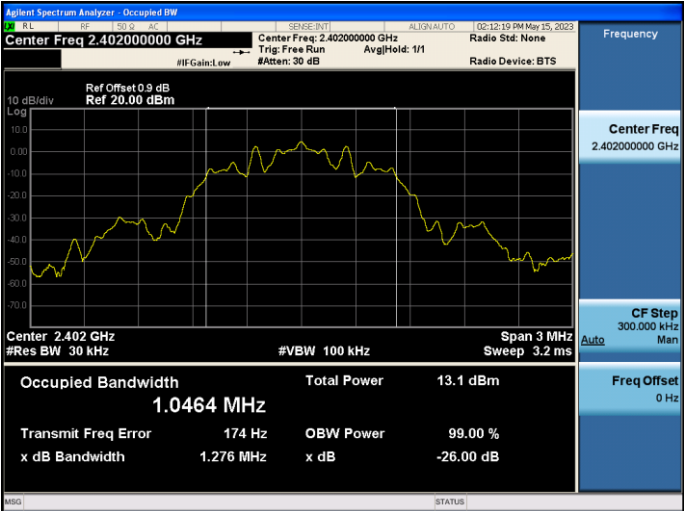
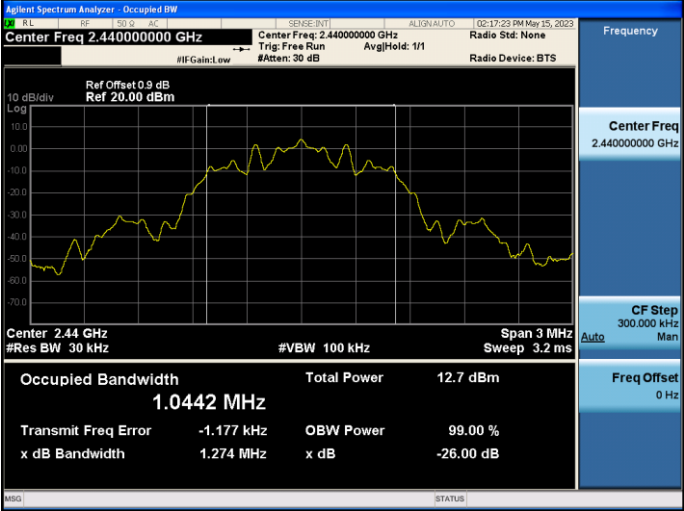
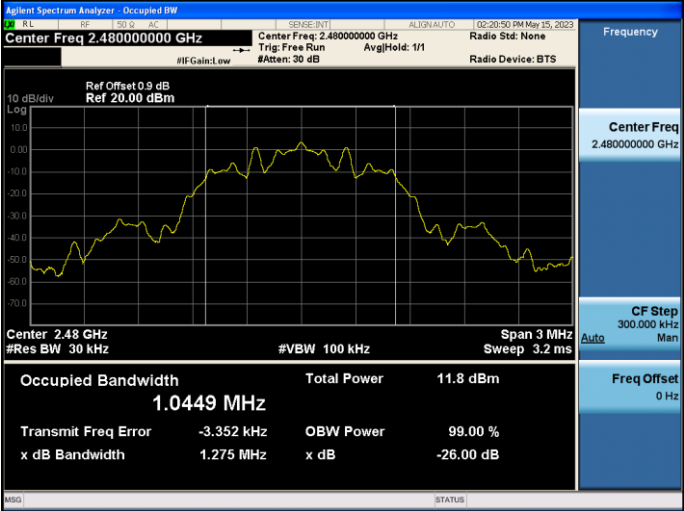


High ch



99 % Occupied Bandwidth

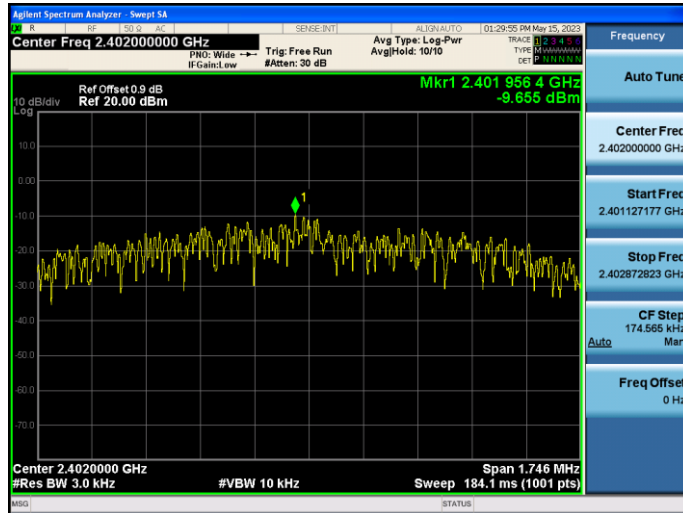
BLE 2M	
Low ch	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.402000000 GHz Ref Offset 0.9 dB Ref 20.00 dBm Center 2.402 GHz #Res BW 30 kHz #VBW 100 kHz Span 6 MHz Sweep 6.333 ms Occupied Bandwidth 2.0172 MHz Total Power 14.2 dBm Transmit Freq Error 25.719 kHz OBW Power 99.00 % x dB Bandwidth 2.417 MHz x dB -26.00 dB Frequency Center Freq 2.402000000 GHz CF Step 600.000 kHz Freq Offset 0 Hz
Mid ch	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.440000000 GHz 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 2.0179 MHz Total Power 13.8 dBm Transmit Freq Error 23.389 kHz OBW Power 99.00 % x dB Bandwidth 2.422 MHz x dB -26.00 dB Frequency Center Freq 2.440000000 GHz CF Step 600.000 kHz Freq Offset 0 Hz
High ch	 Agilent Spectrum Analyzer - Occupied BW Center Freq 2.480000000 GHz 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 2.0070 MHz Total Power 13.0 dBm Transmit Freq Error 16.213 kHz OBW Power 99.00 % x dB Bandwidth 2.417 MHz x dB -26.00 dB Frequency Center Freq 2.480000000 GHz CF Step 600.000 kHz Freq Offset 0 Hz

BLR C8 Low ch	
Mid ch	
High ch	

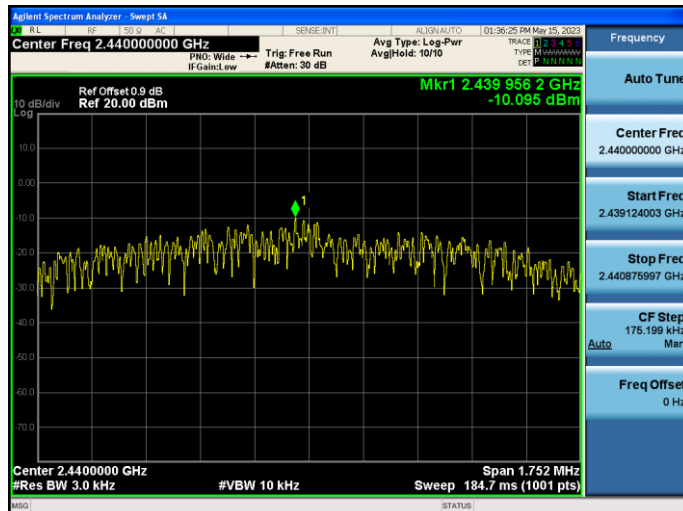
Power Density

BLE 2M

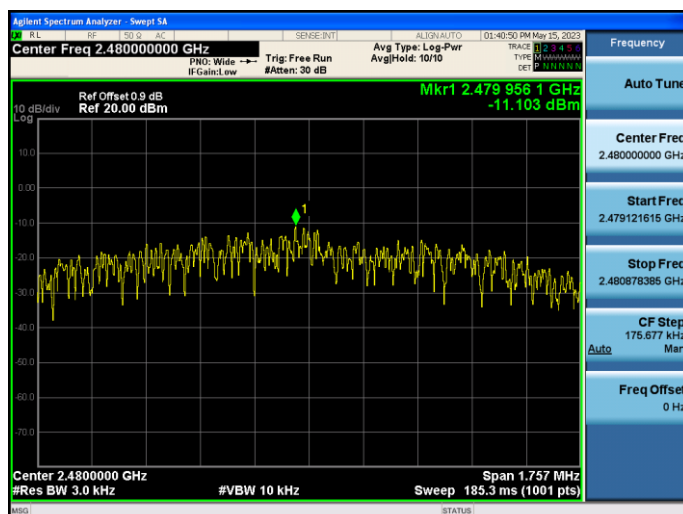
Low ch



Mid ch

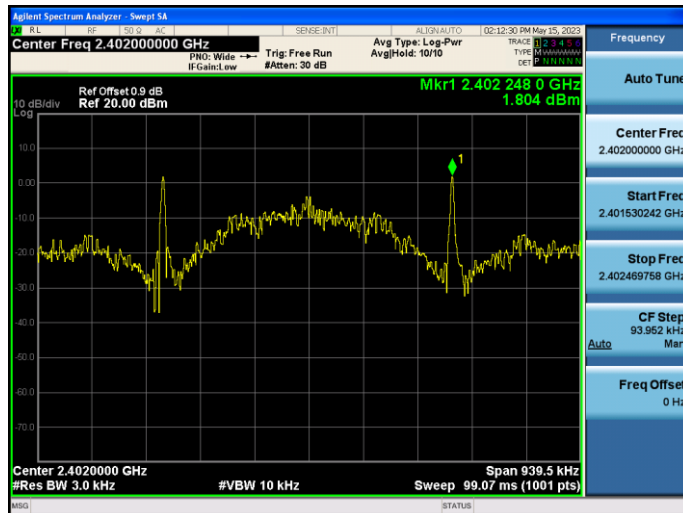


High ch

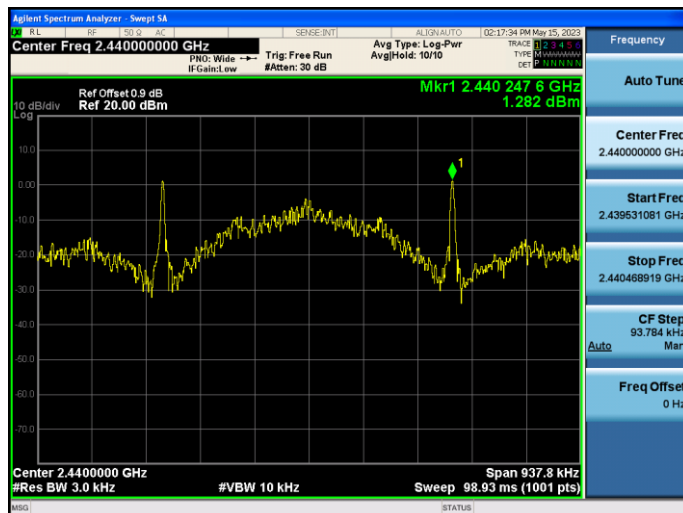


BLR C8

Low ch



Mid ch



High ch

