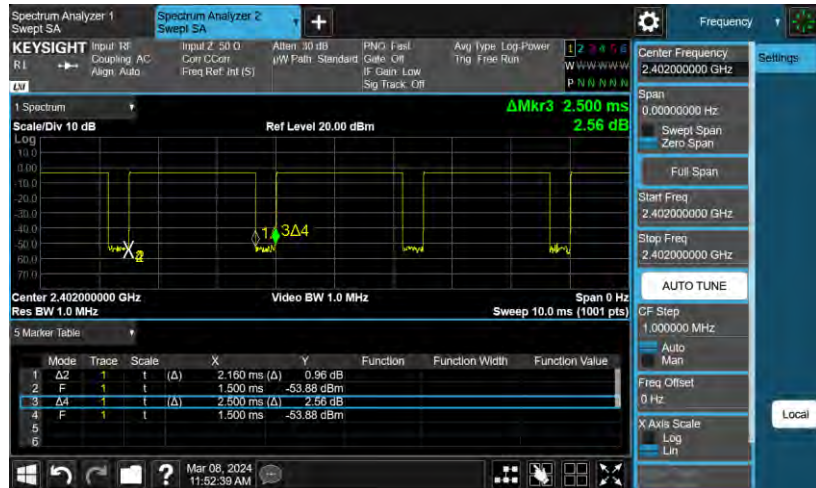


Appendix B. Test Plots

Duty cycle

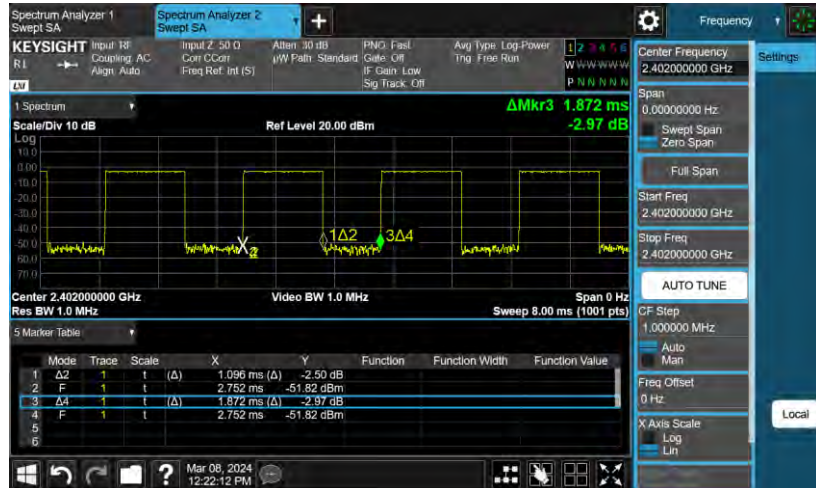
BLE 1M

On+off time



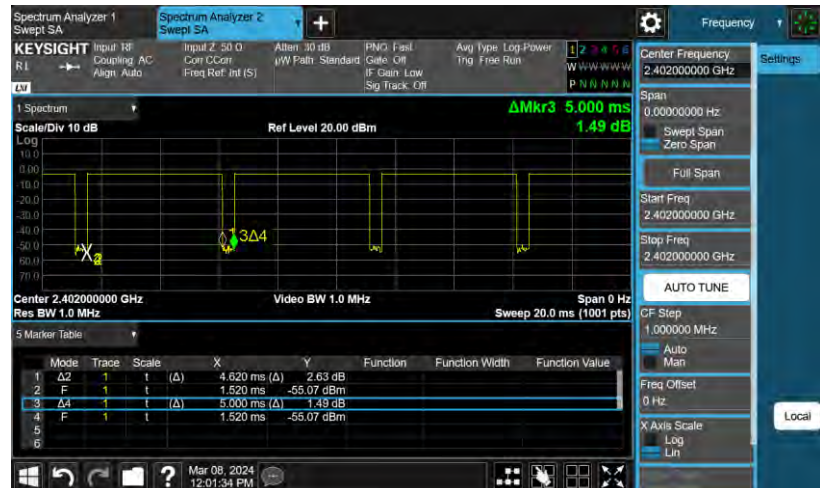
BLE 2M

On+off time



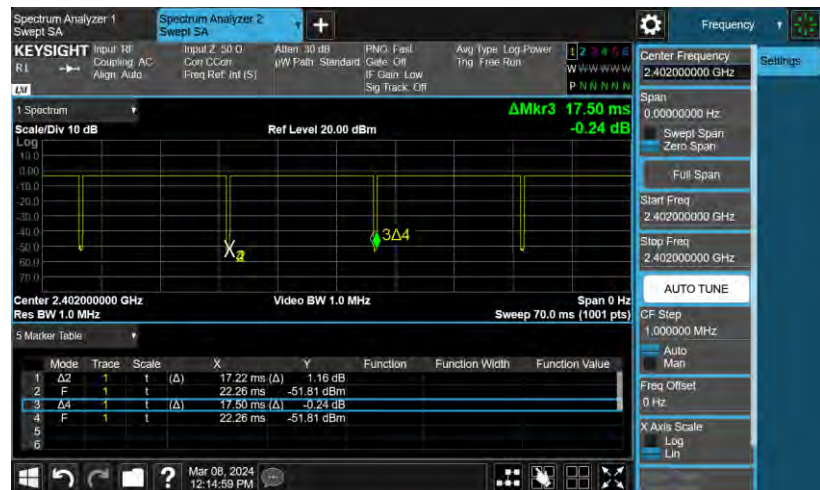
BLR C2

On+off time



BLR C8

On+off time



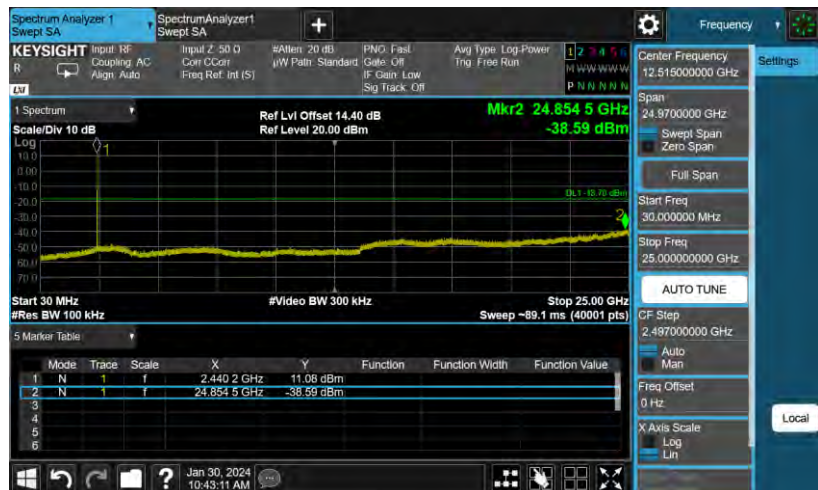
Out of Band Conducted Spurious Emission

BLE 2M

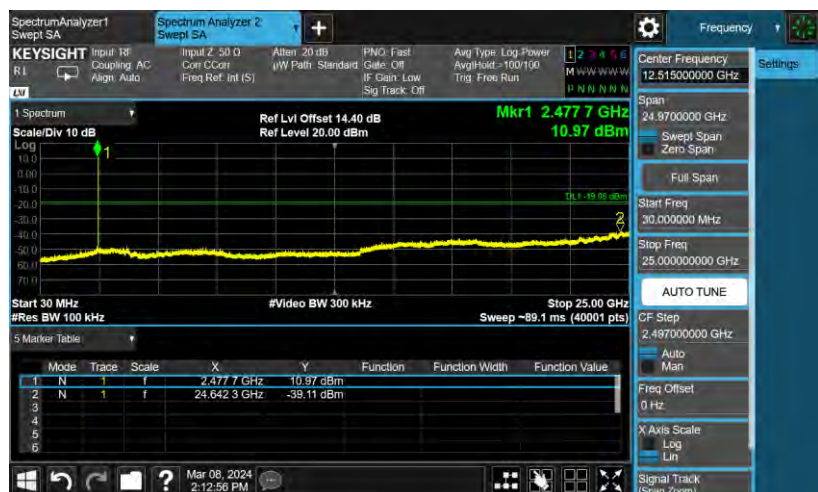
2402 MHz



2440 MHz



2478 MHz



BLE 2M

2480 MHz



BLR C8

2402 MHz



2440 MHz



2478 MHz



BLR C8

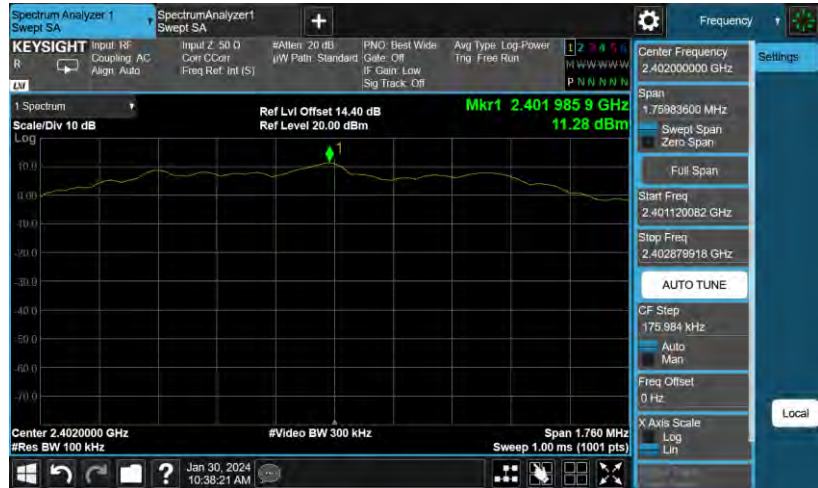
2480 MHz



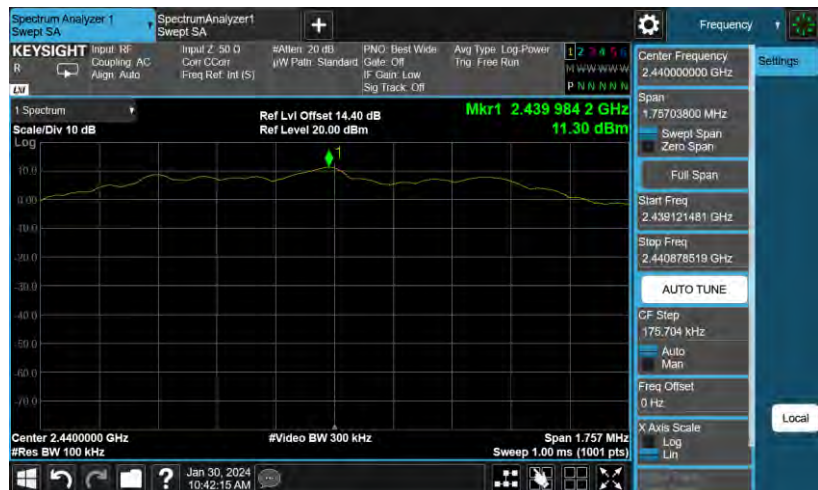
Reference level

BLE 2M

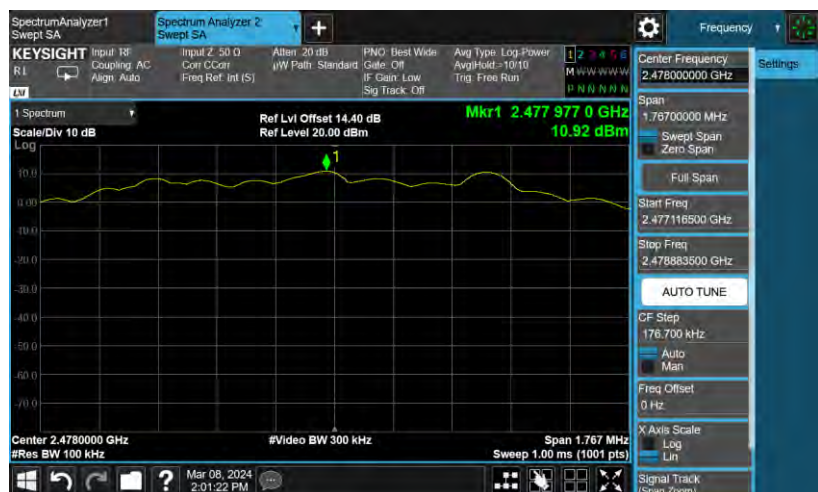
2402 MHz



2440 MHz

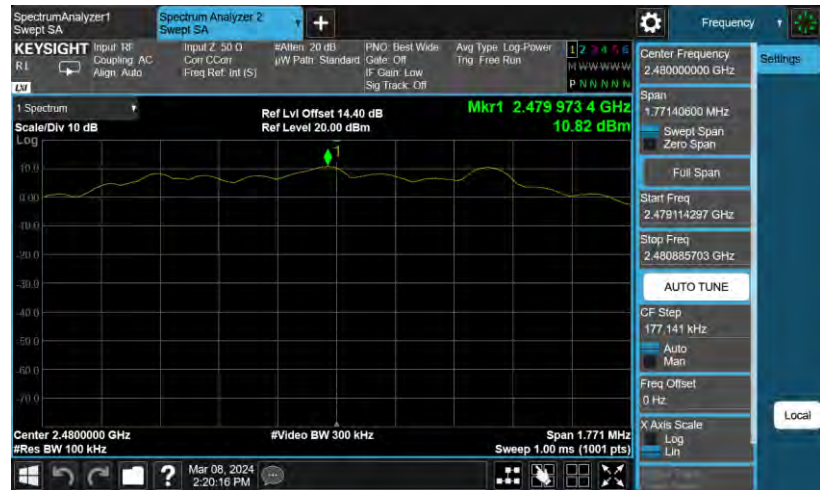


2478 MHz



BLE 2M

2480 MHz



BLR C8

2402 MHz



2440 MHz



2478 MHz



BLR C8

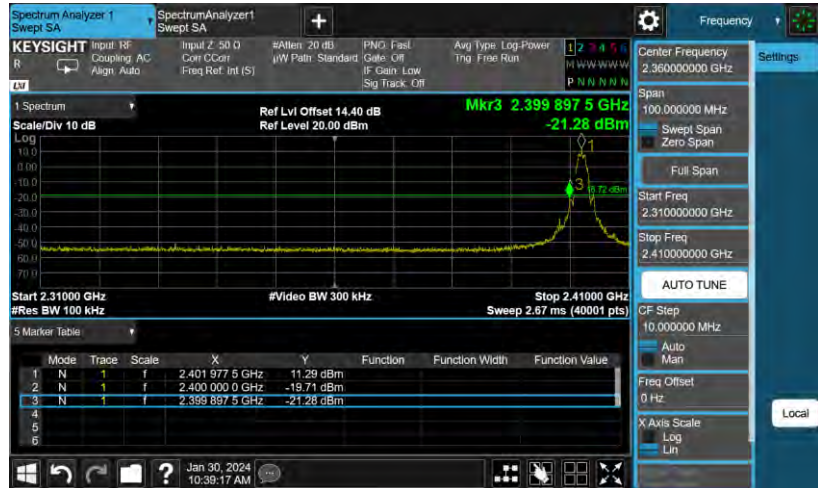
2480 MHz



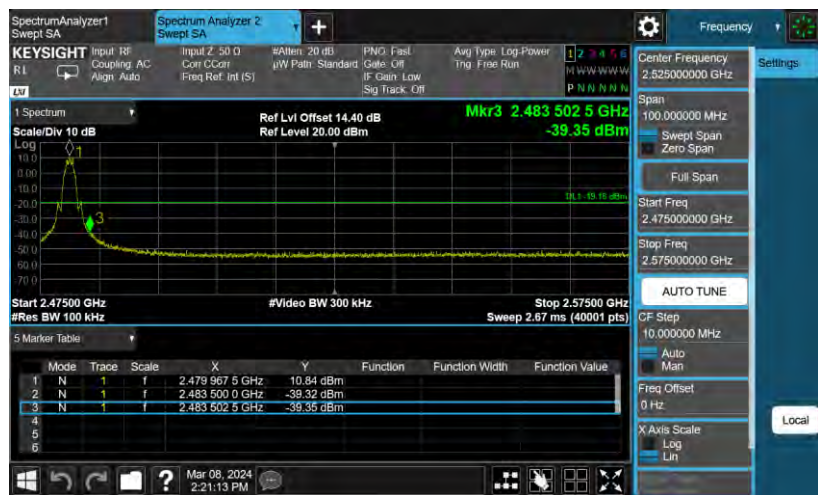
Conducted Band Edge

BLE 2M

2402 MHz

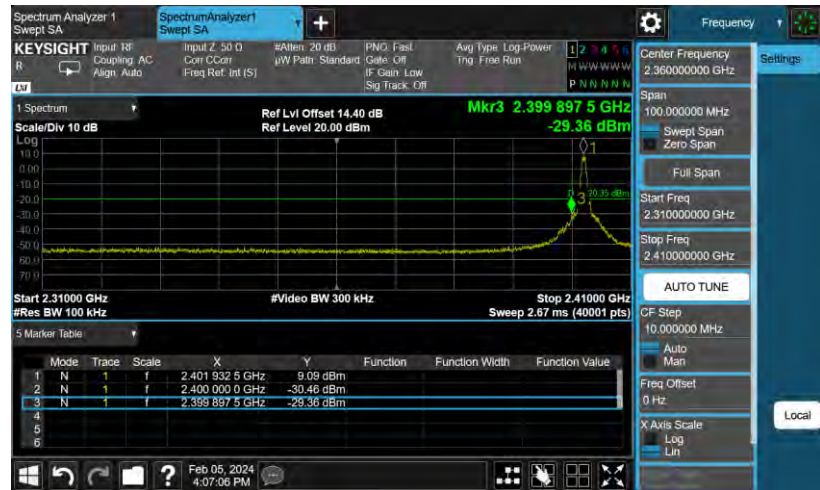


2480 MHz

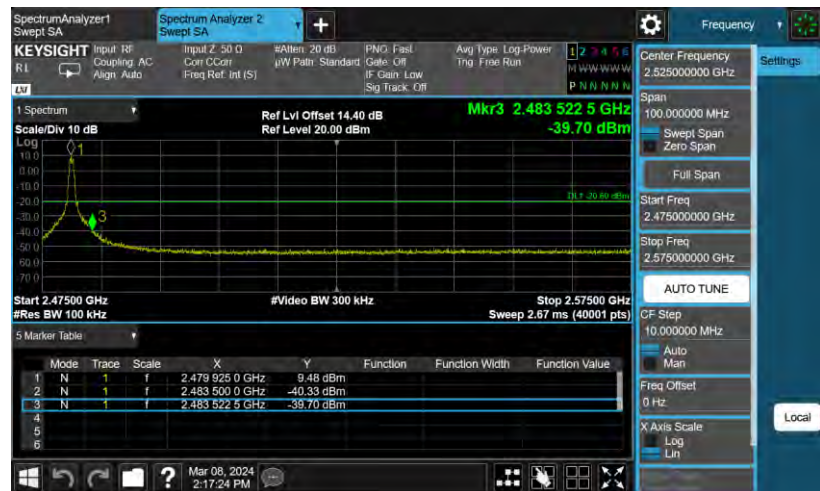


BLR C8

2402 MHz



2480 MHz



6 dB Bandwidth

BLE 2M

2402 MHz



2440 MHz



2478 MHz



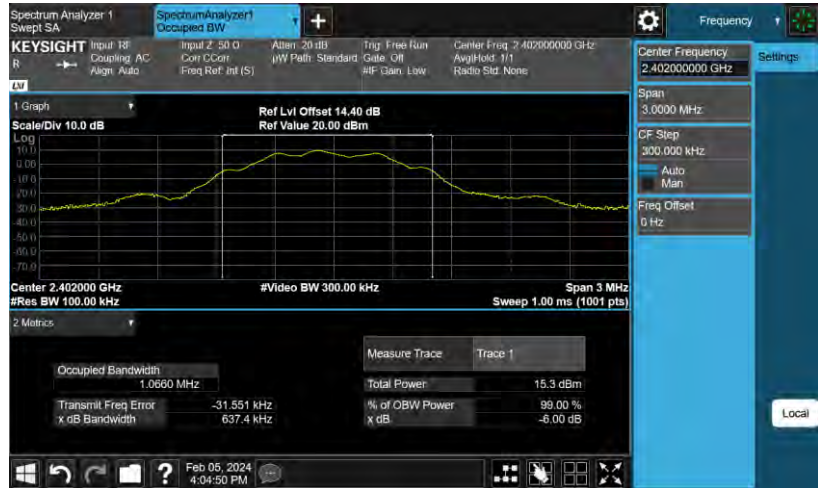
BLE 2M

2480 MHz

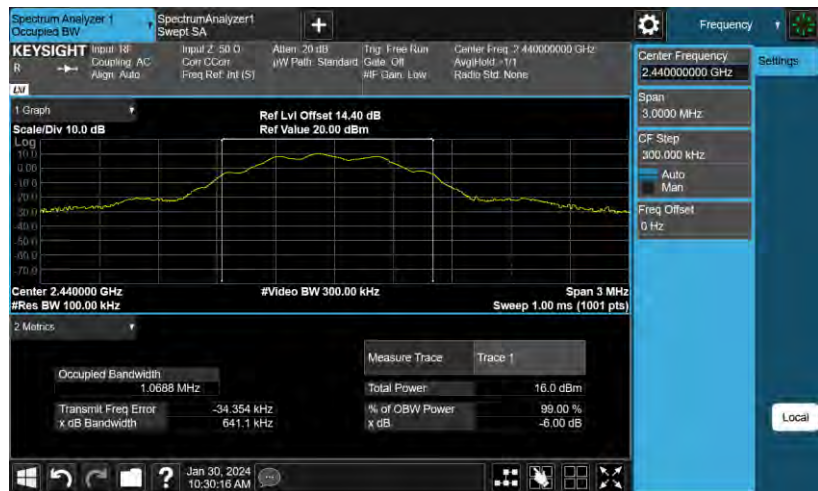


BLR C8

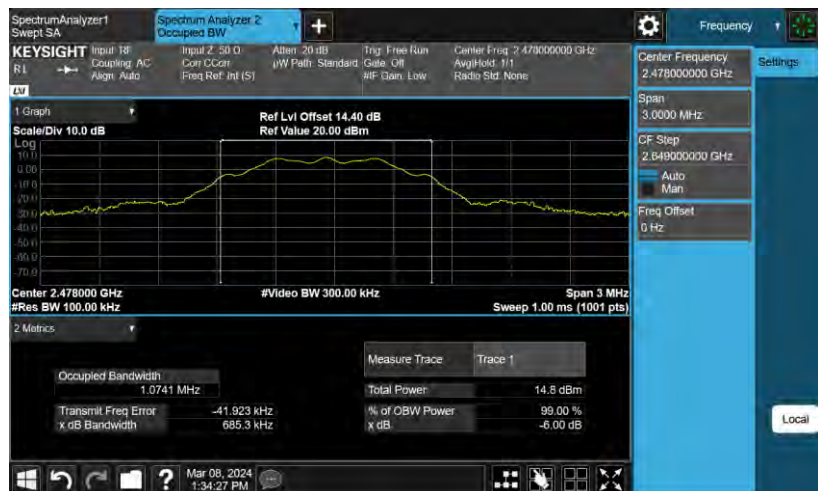
2402 MHz



2440 MHz

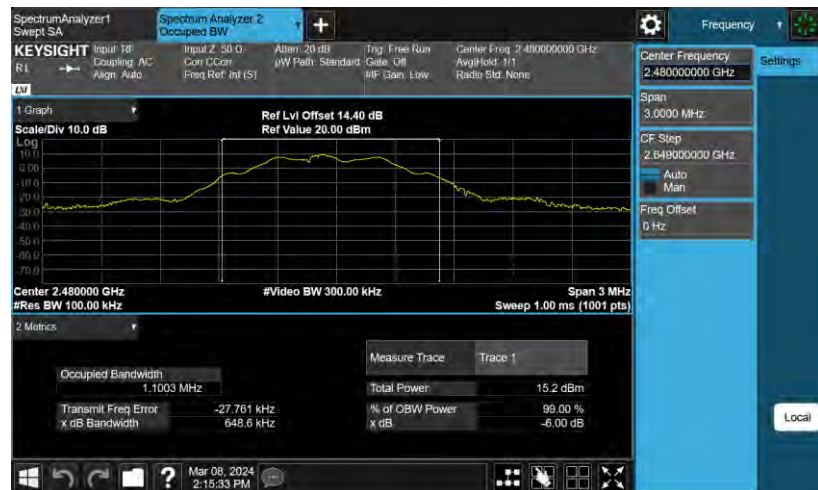


2478 MHz



BLR C8

2480 MHz



99 % Occupied Bandwidth

BLE 2M 2402 MHz	 Center Frequency: 2.40200000 GHz Span: 6.0000 MHz CF Step: 800.000 kHz Freq Offset: 0 Hz Center Frequency: 2.40200000 GHz Span: 6.0000 MHz CF Step: 800.000 kHz Freq Offset: 0 Hz Occupied Bandwidth: 2.0729 MHz Total Power: 17.8 dBm % of OBW Power: 99.00 % Transmit Freq Error: -7.482 kHz x dB Bandwidth: 2.463 MHz x dB: -26.00 dB
2440 MHz	 Center Frequency: 2.44000000 GHz Span: 6.0000 MHz CF Step: 800.000 kHz Freq Offset: 0 Hz Center Frequency: 2.44000000 GHz Span: 6.0000 MHz CF Step: 800.000 kHz Freq Offset: 0 Hz Occupied Bandwidth: 2.0968 MHz Total Power: 17.8 dBm % of OBW Power: 99.00 % Transmit Freq Error: -12.660 kHz x dB Bandwidth: 2.500 MHz x dB: -26.00 dB
2478 MHz	 Center Frequency: 2.47800000 GHz Span: 6.0000 MHz CF Step: 800.000 kHz Freq Offset: 0 Hz Center Frequency: 2.47800000 GHz Span: 6.0000 MHz CF Step: 800.000 kHz Freq Offset: 0 Hz Occupied Bandwidth: 2.1014 MHz Total Power: 18.3 dBm % of OBW Power: 99.00 % Transmit Freq Error: -32.035 kHz x dB Bandwidth: 2.521 MHz x dB: -26.00 dB

BLE 2M

2480 MHz



BLR C8

2402 MHz



2440 MHz



2478 MHz



BLR C8

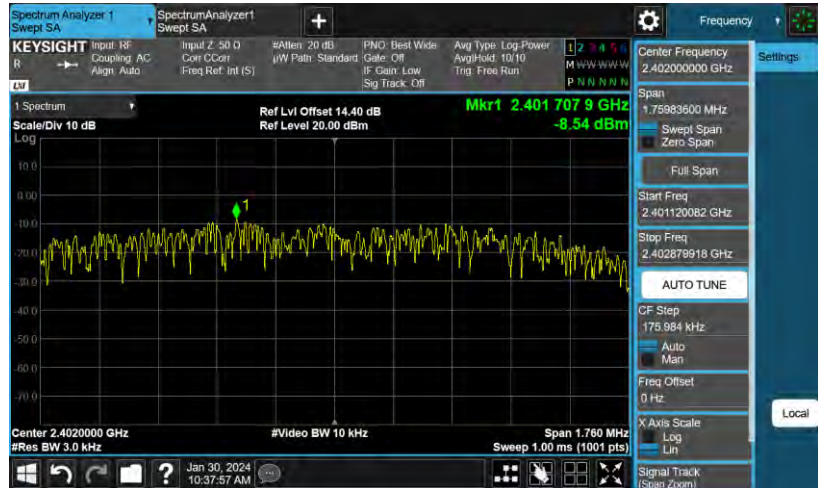
2480 MHz



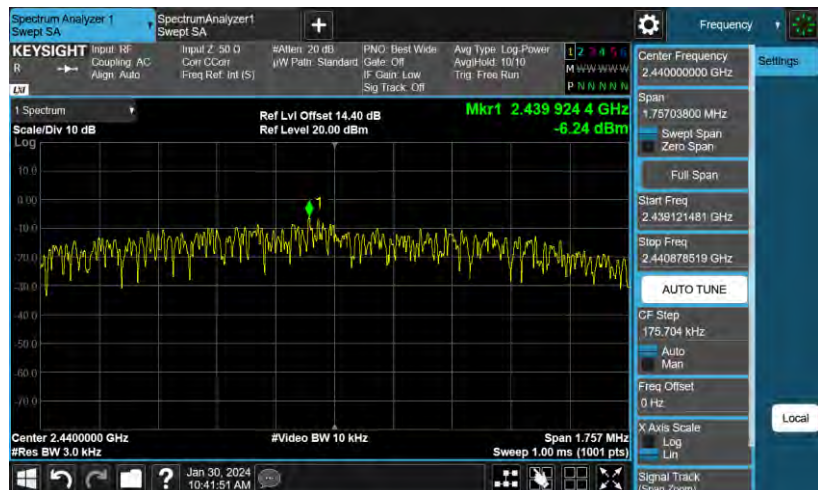
Power Density

BLE 2M

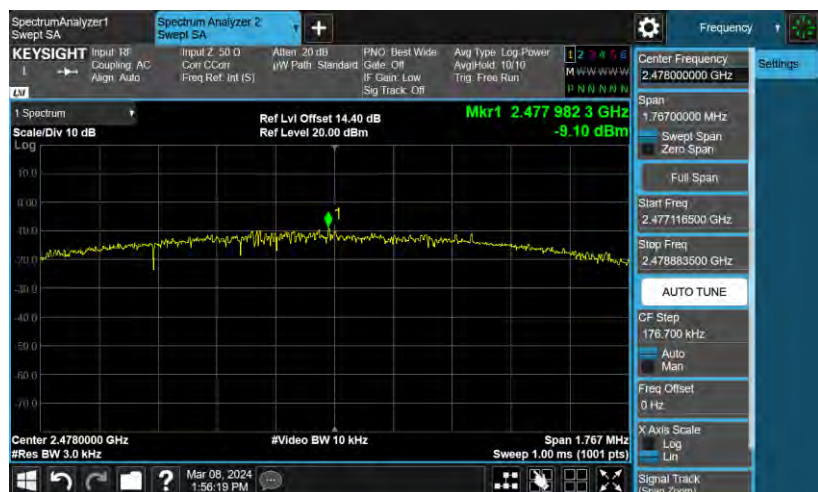
2402 MHz



2440 MHz



2478 MHz



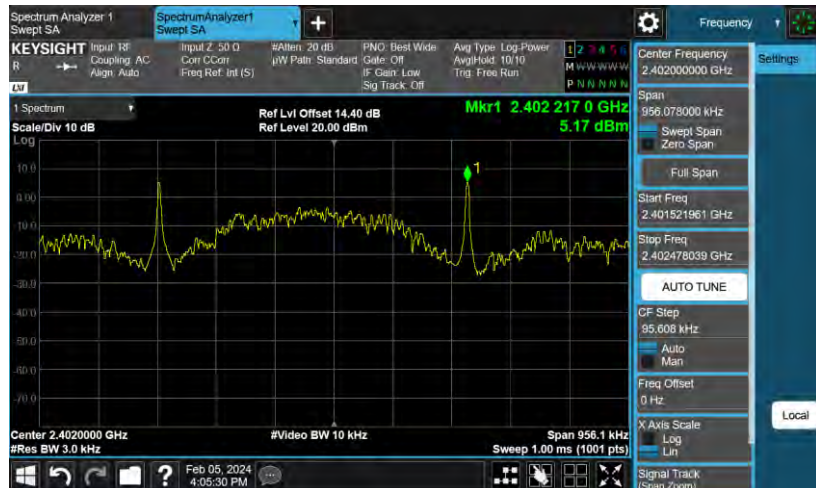
BLE 2M

2480 MHz



BLR C8

2402 MHz



2440 MHz



2478 MHz



BLR C8

2480 MHz

