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Figure 39: Power Spectral Density, 2480MHz, BLE-1Mbps

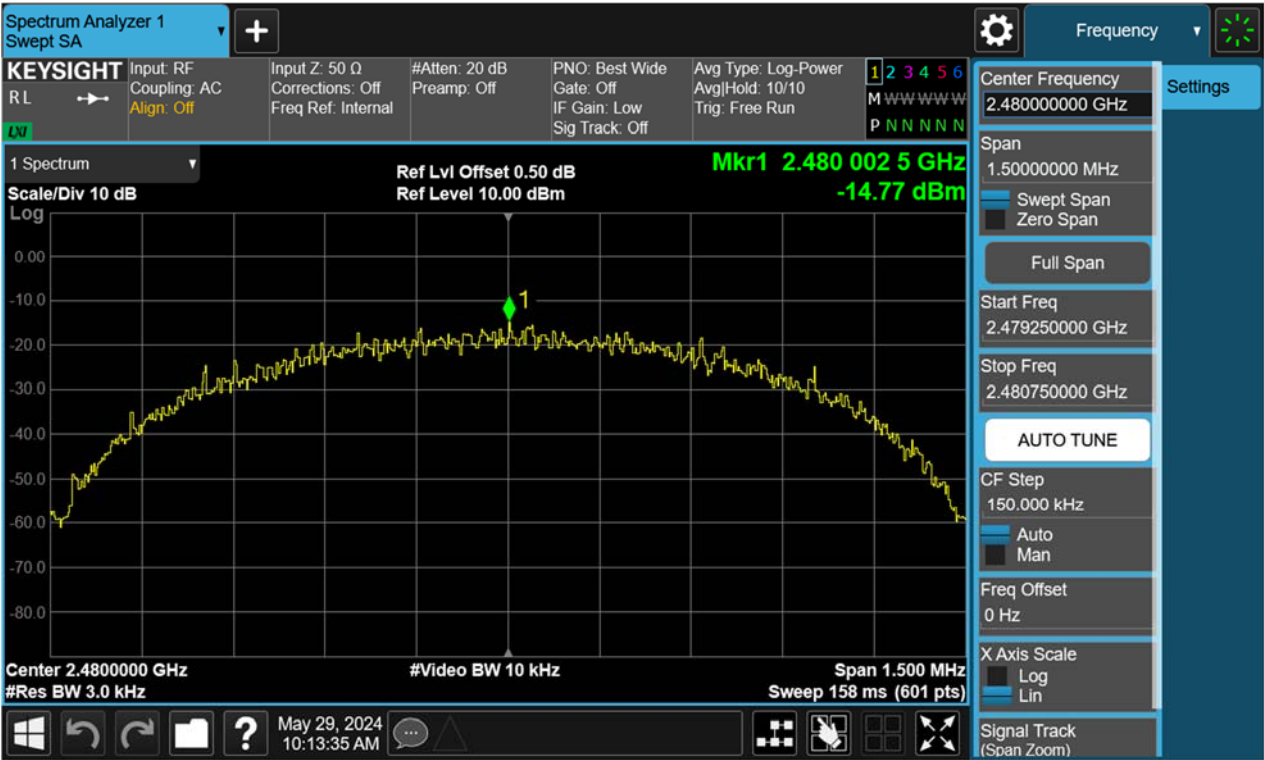
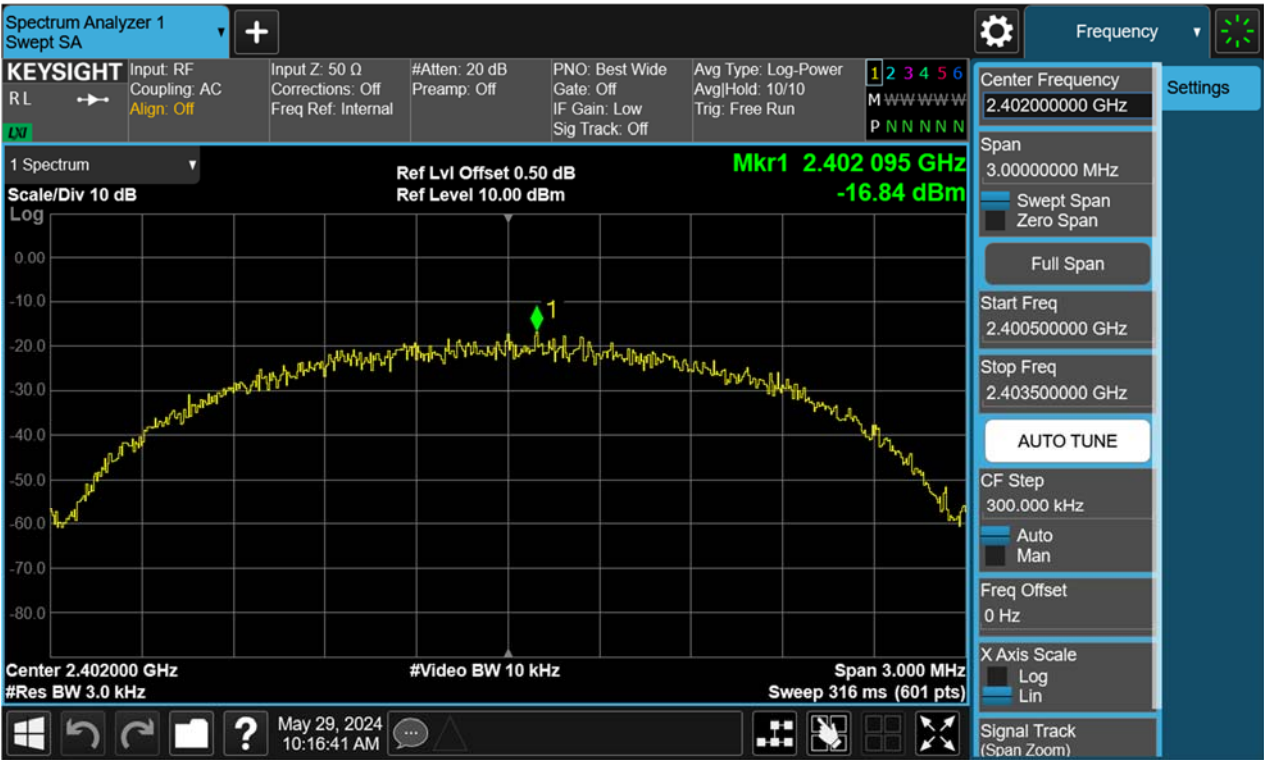


Figure 40: Power Spectral Density, 2402MHz, BLE-2Mbps



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Figure 41: Power Spectral Density, 2440MHz, BLE-2Mbps

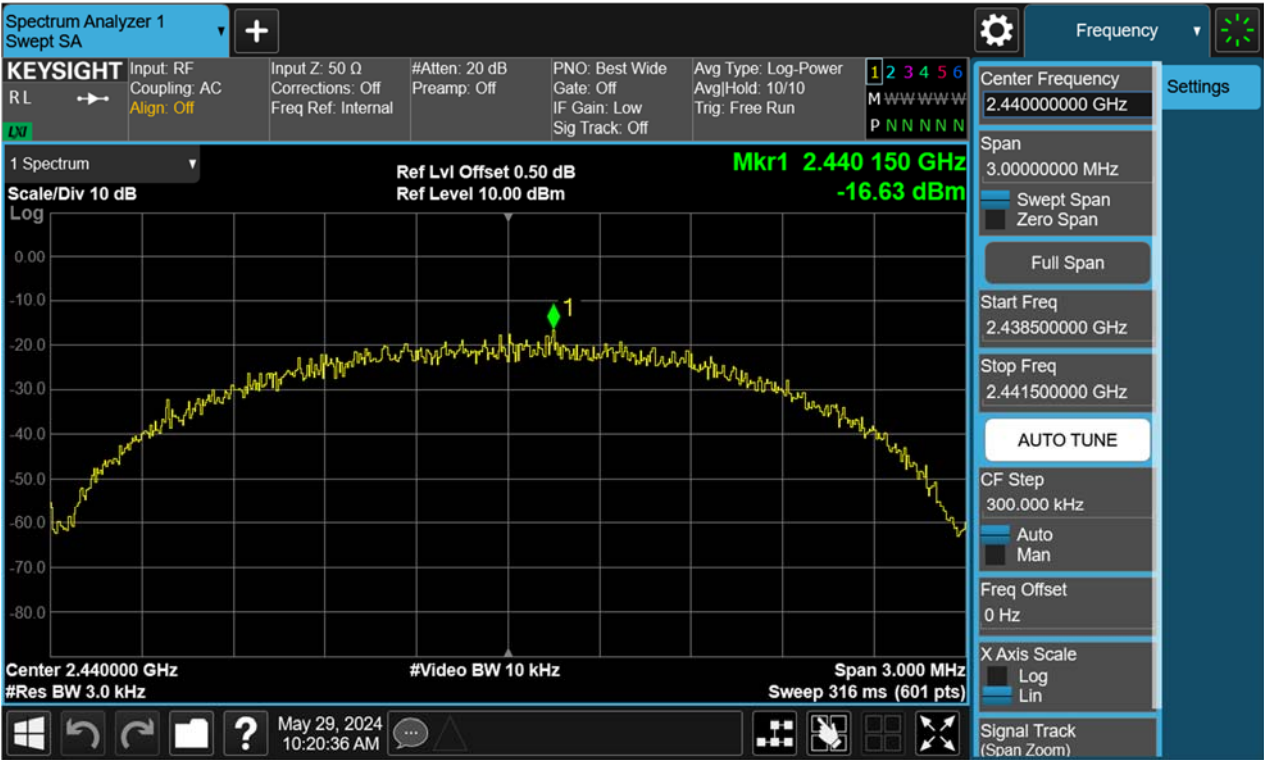


Figure 42: Power Spectral Density, 2480MHz, BLE-2Mbps



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(CC2642R1F) BLE2 Data plots

Figure 43: Power Spectral Density, 2402MHz, BLE-1Mbps

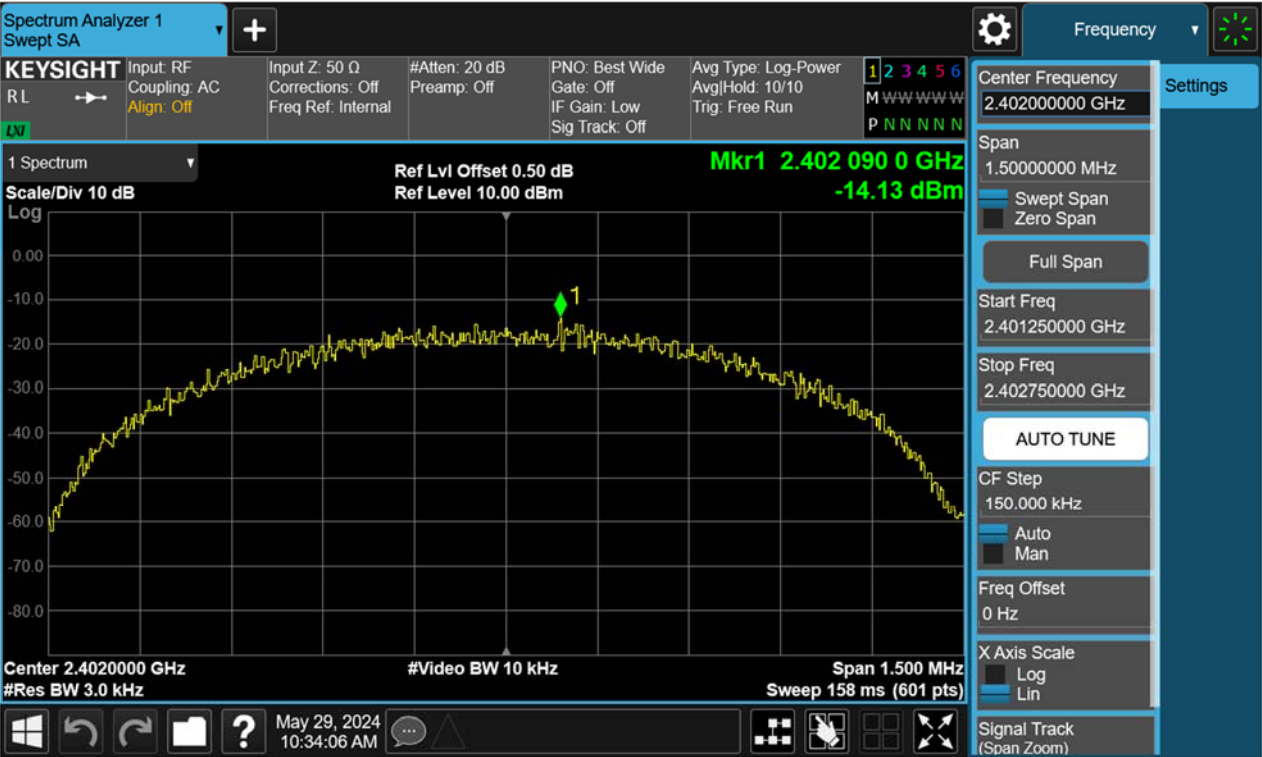
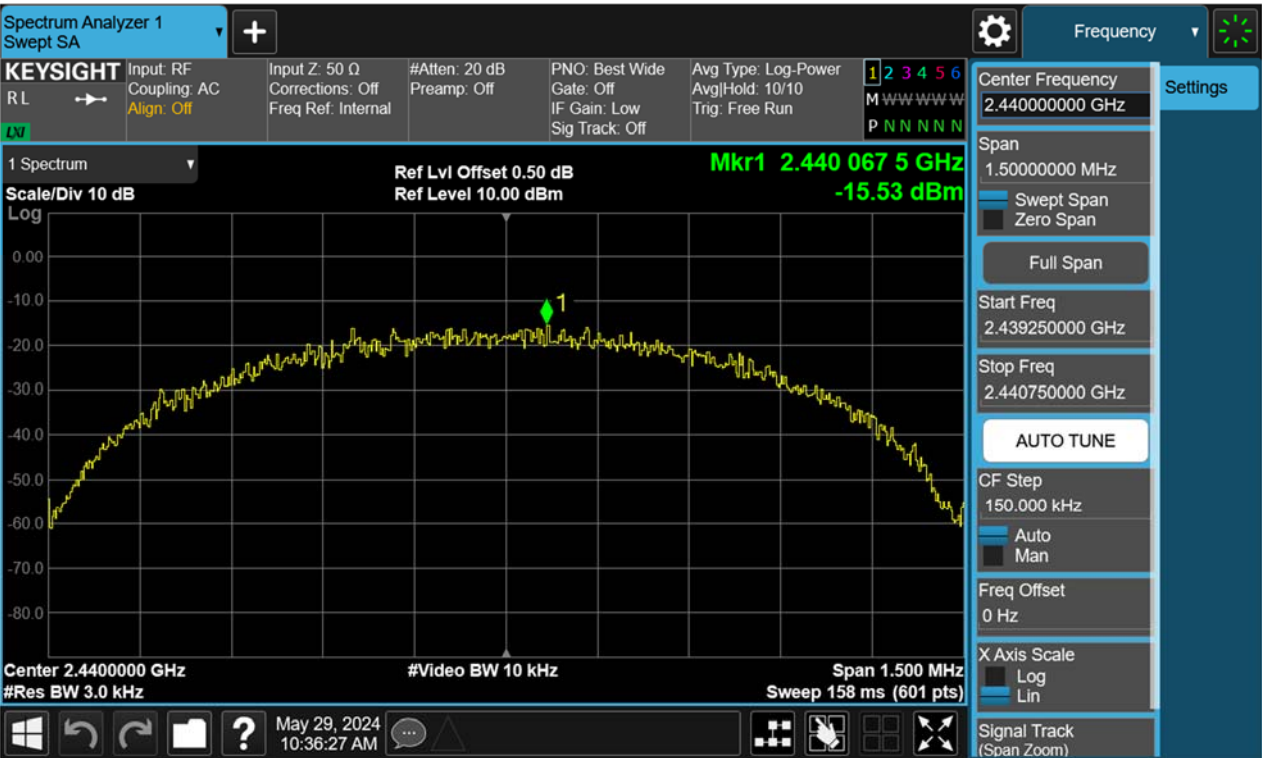


Figure 44: Power Spectral Density, 2440MHz, BLE-1Mbps



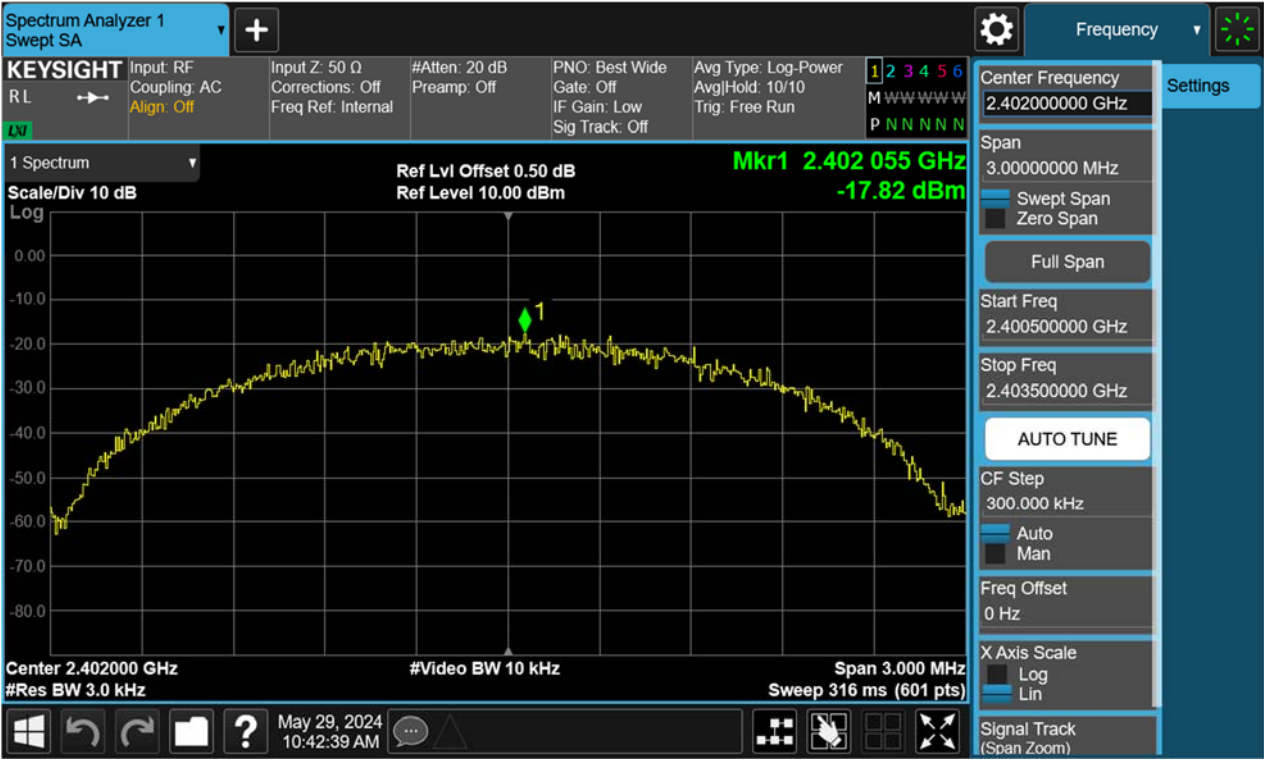
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Figure 45: Power Spectral Density, 2480MHz, BLE-1Mbps



Figure 46: Power Spectral Density, 2402MHz, BLE-2Mbps



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Figure 47: Power Spectral Density, 2440MHz, BLE-2Mbps

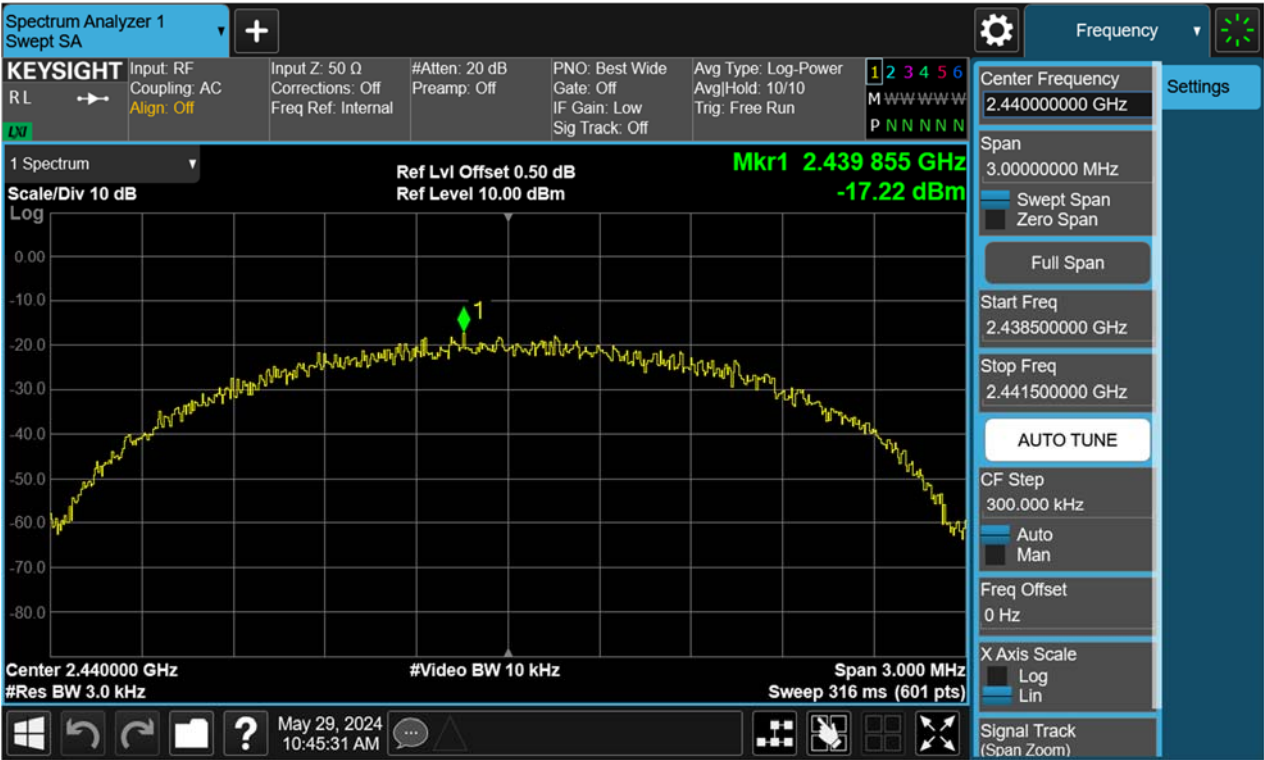
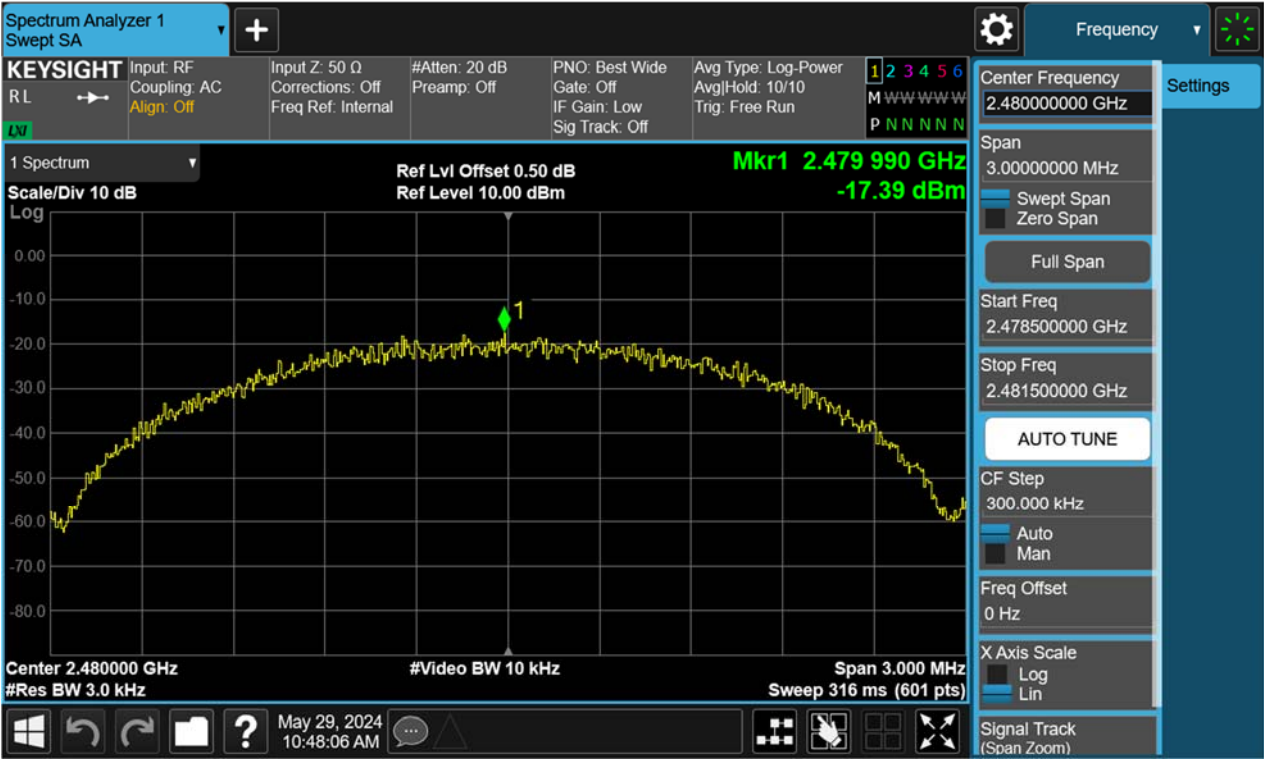


Figure 48: Power Spectral Density, 2480MHz, BLE-2Mbps



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(RTL8720DN) BLE Data plots

Figure 49: Power Spectral Density, 2402MHz, BLE-1Mbps



Figure 50: Power Spectral Density, 2440MHz, BLE-1Mbps



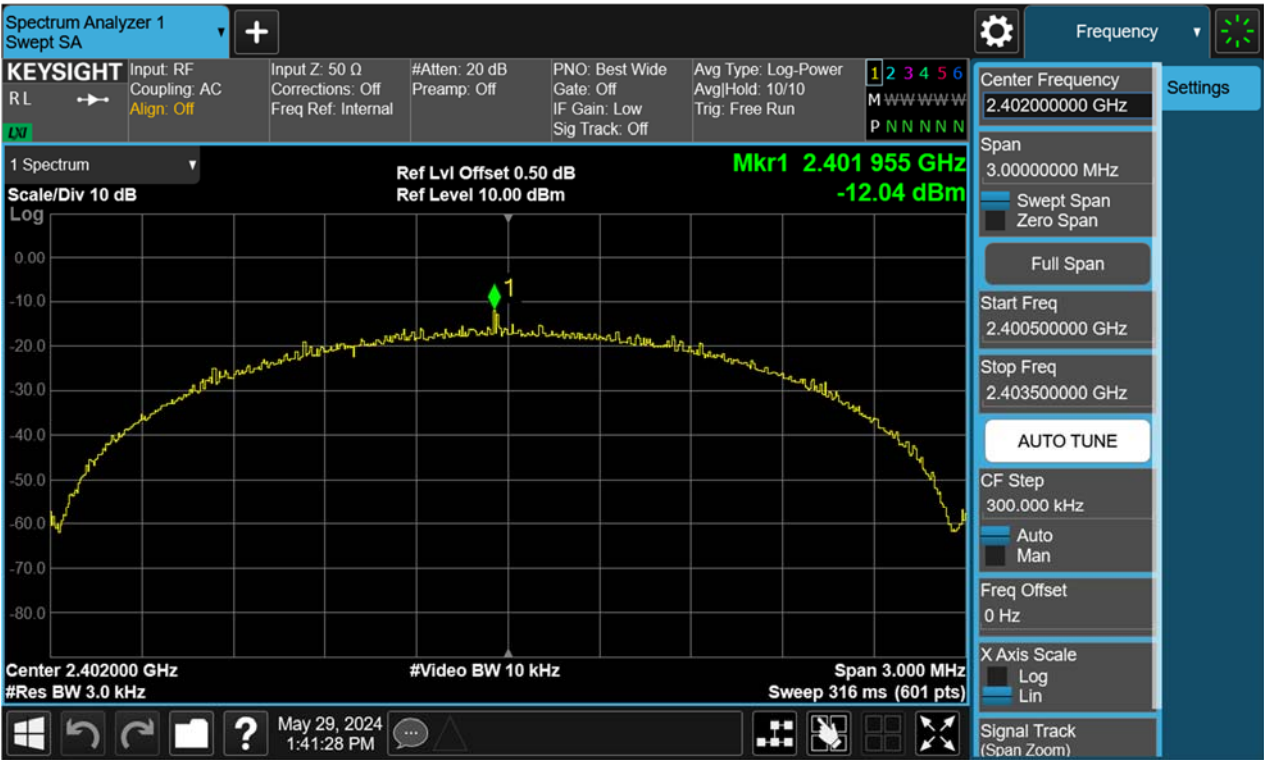
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Figure 51: Power Spectral Density, 2480MHz, BLE-1Mbps



Figure 52: Power Spectral Density, 2402MHz, BLE-2Mbps



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Figure 53: Power Spectral Density, 2440MHz, BLE-2Mbps



Figure 54: Power Spectral Density, 2480MHz, BLE-2Mbps



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4.1.5 Conducted Spurious Emission & Authorized-band band-edge

RESULT: PASS

Test standard : FCC Part 15.247(d)
Requirement : ANSI C63.10-2013, Clause 11.11.1(a)
KDB 558074 D01 v05r02, Clause 8.5
Kind of test site : Shielded room

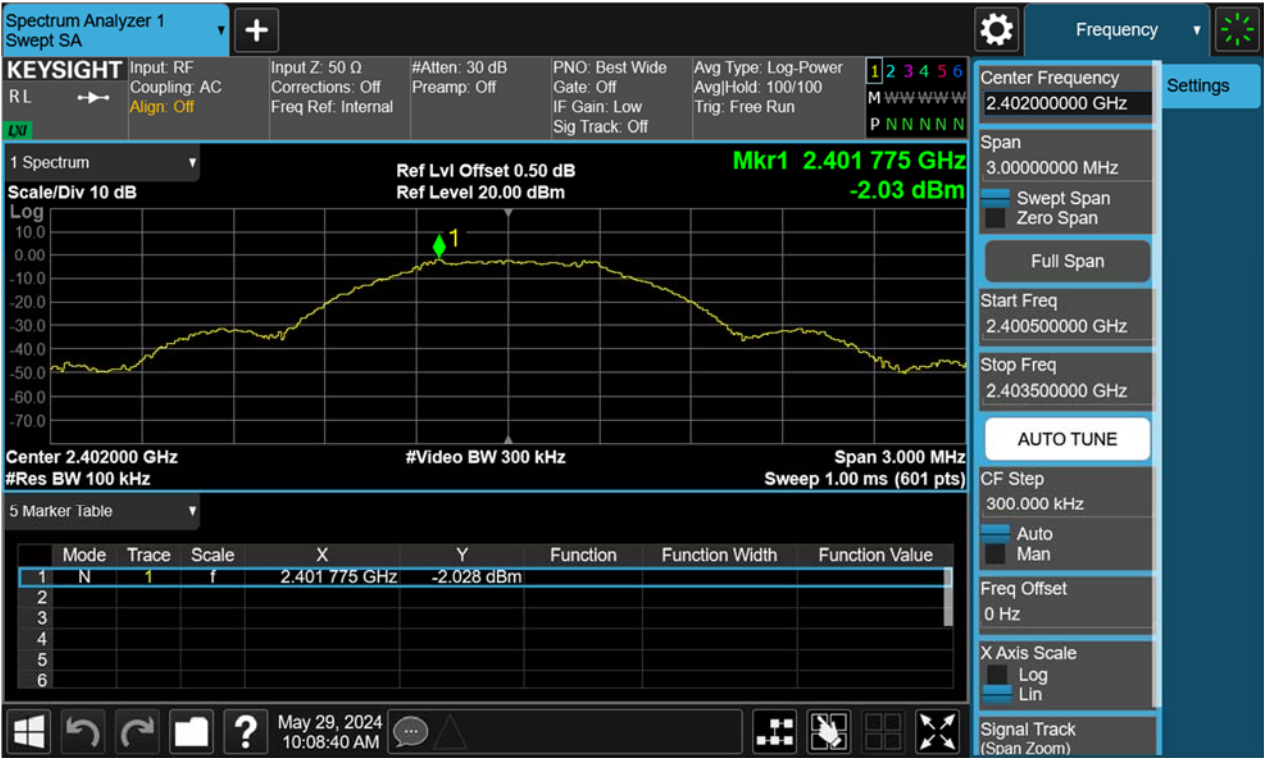
Test setup

Test Channel : Low/Middle/High for spurious, Low/High for Band Edge
Operation Mode : A.1.a
Ambient temperature : 23.1°C
Relative humidity : 52%

For details refer to following test plot.

(CC2642R1F) BLE1 Data plots

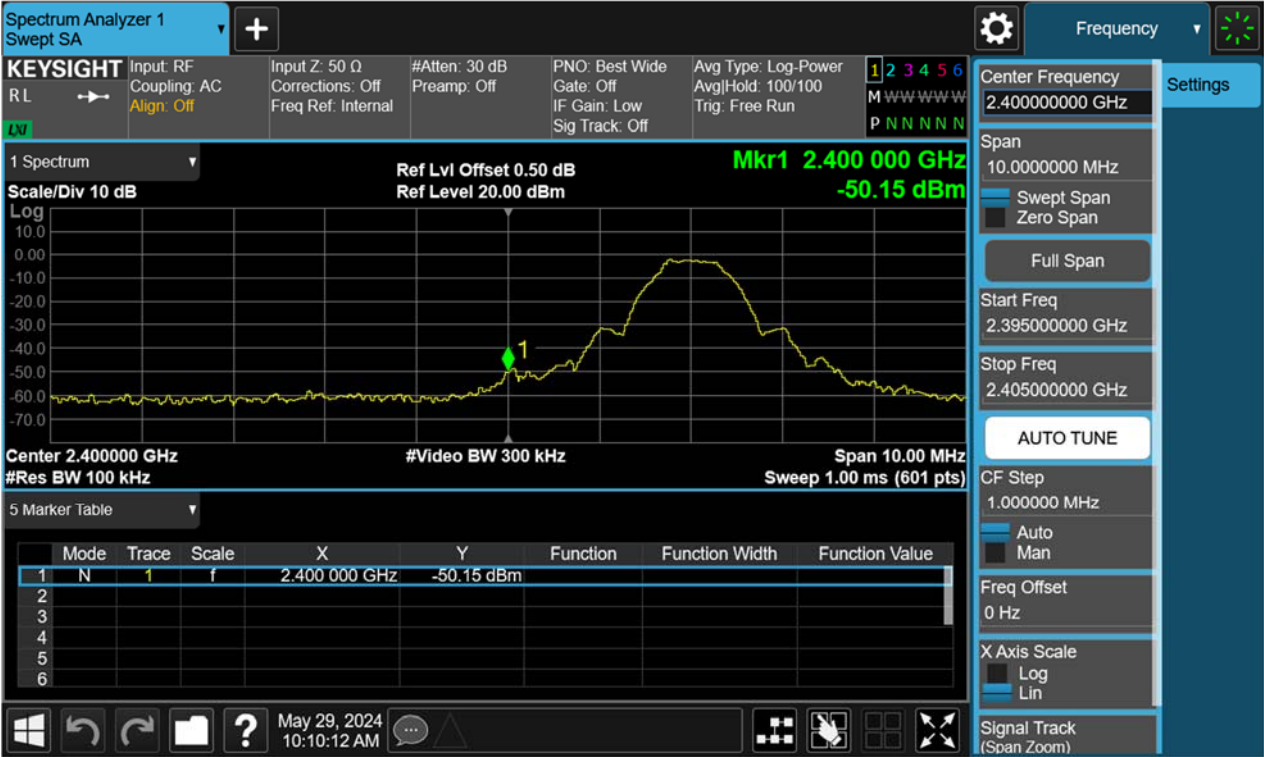
Figure 55: Conducted Spurious Emission & Authorized-band band-edge, 2402MHz, BLE-1Mbps Carrier Level



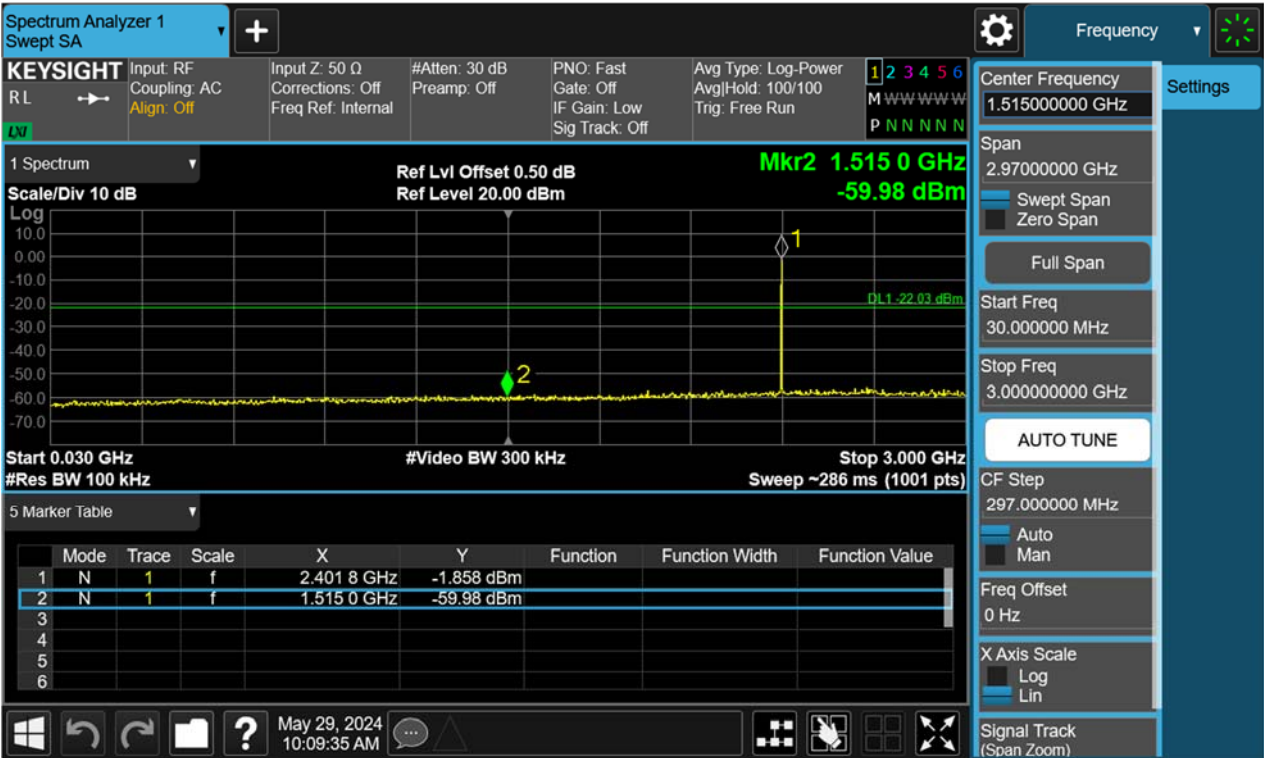
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Band Edge



Conducted spurious emissions 30MHz-25GHz



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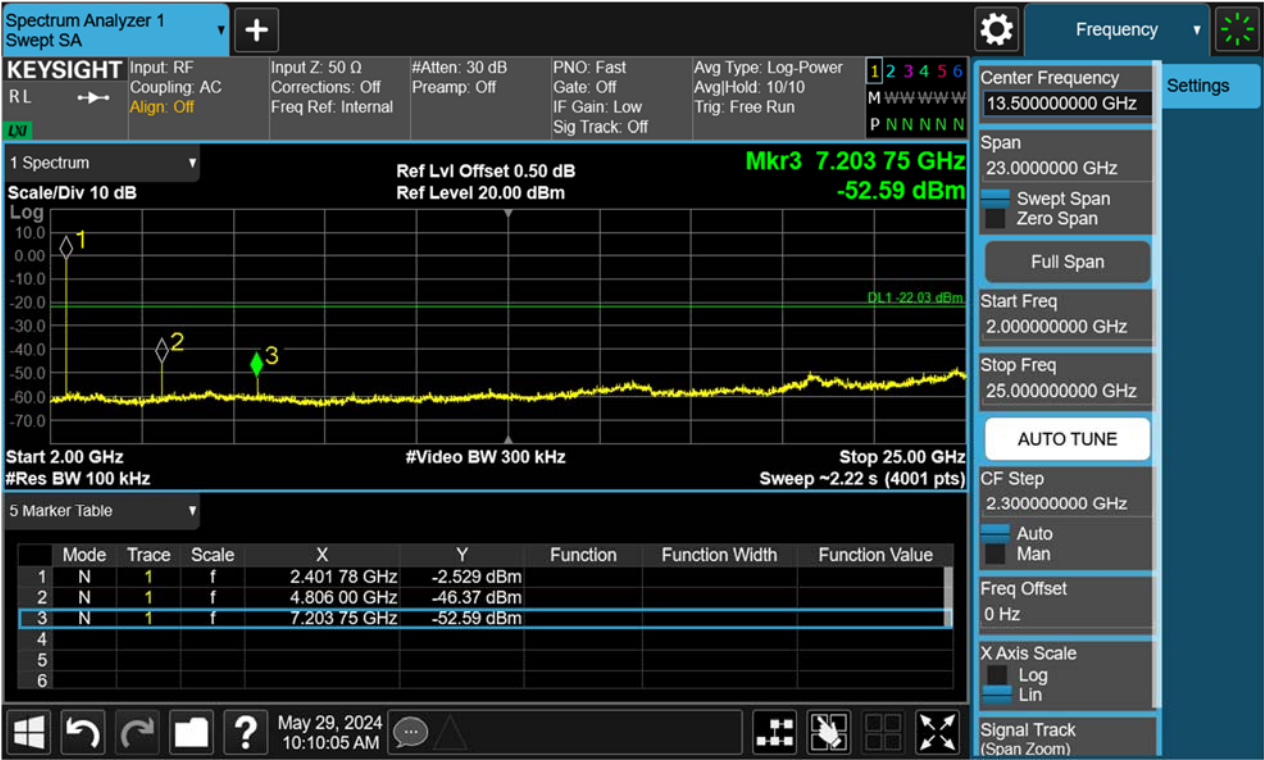
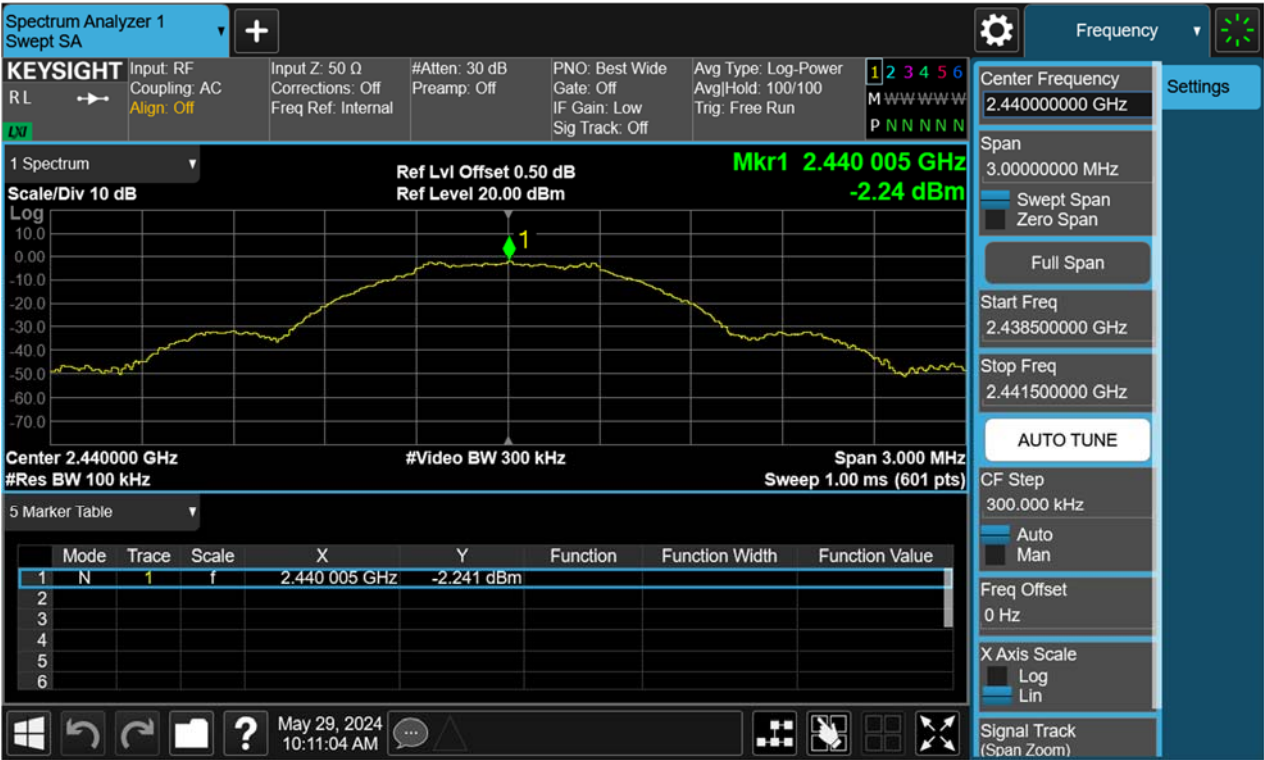


Figure 56: Conducted Spurious Emission & Authorized-band band-edge, 2440MHz, BLE-1Mbps Carrier Level



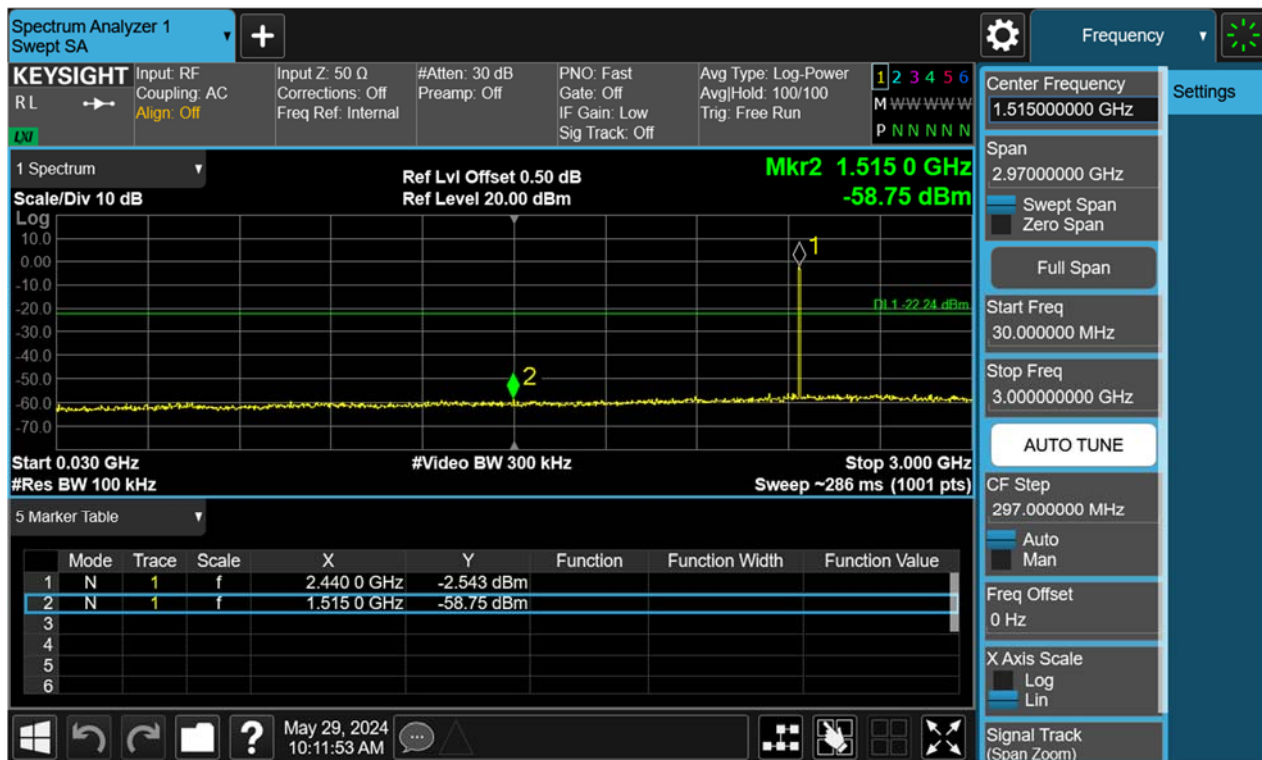
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Conducted spurious emissions 30MHz-25GHz



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Figure 57: Conducted Spurious Emission & Authorized-band band-edge, 2480MHz, BLE-1Mbps Carrier Level



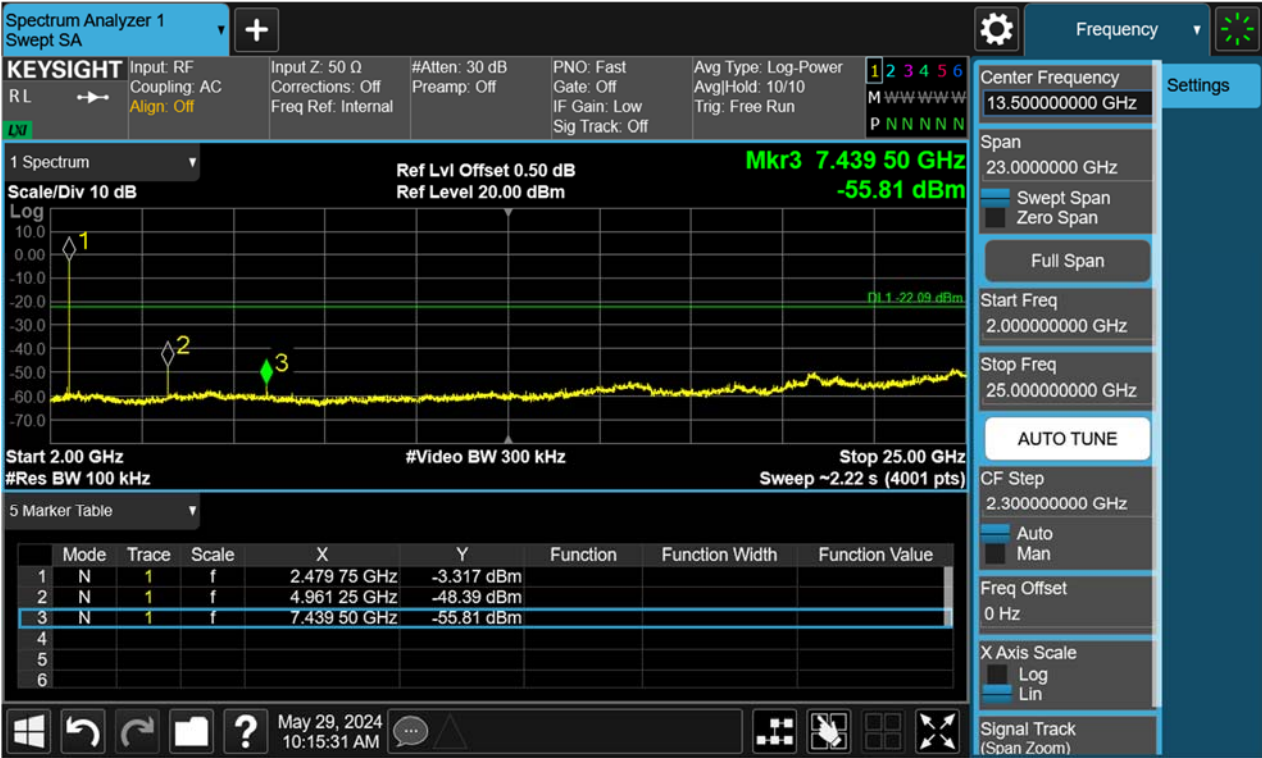
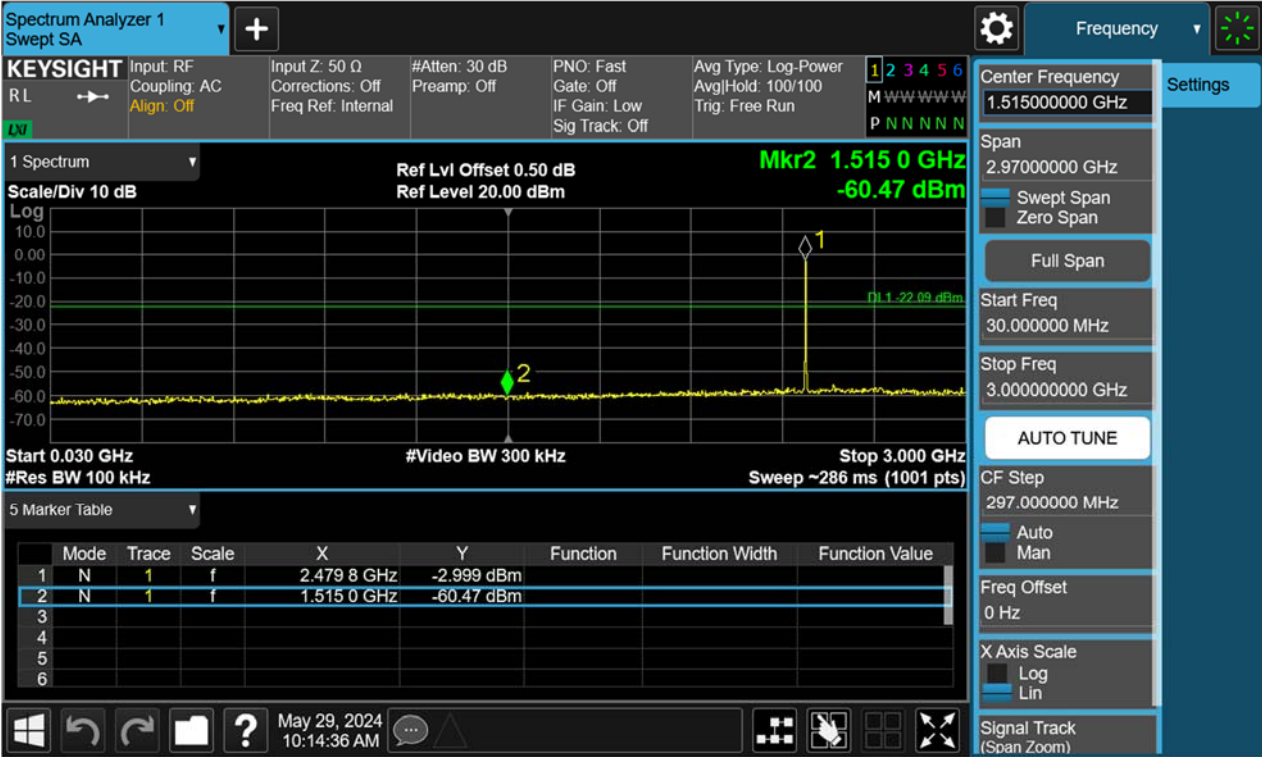
Band Edge



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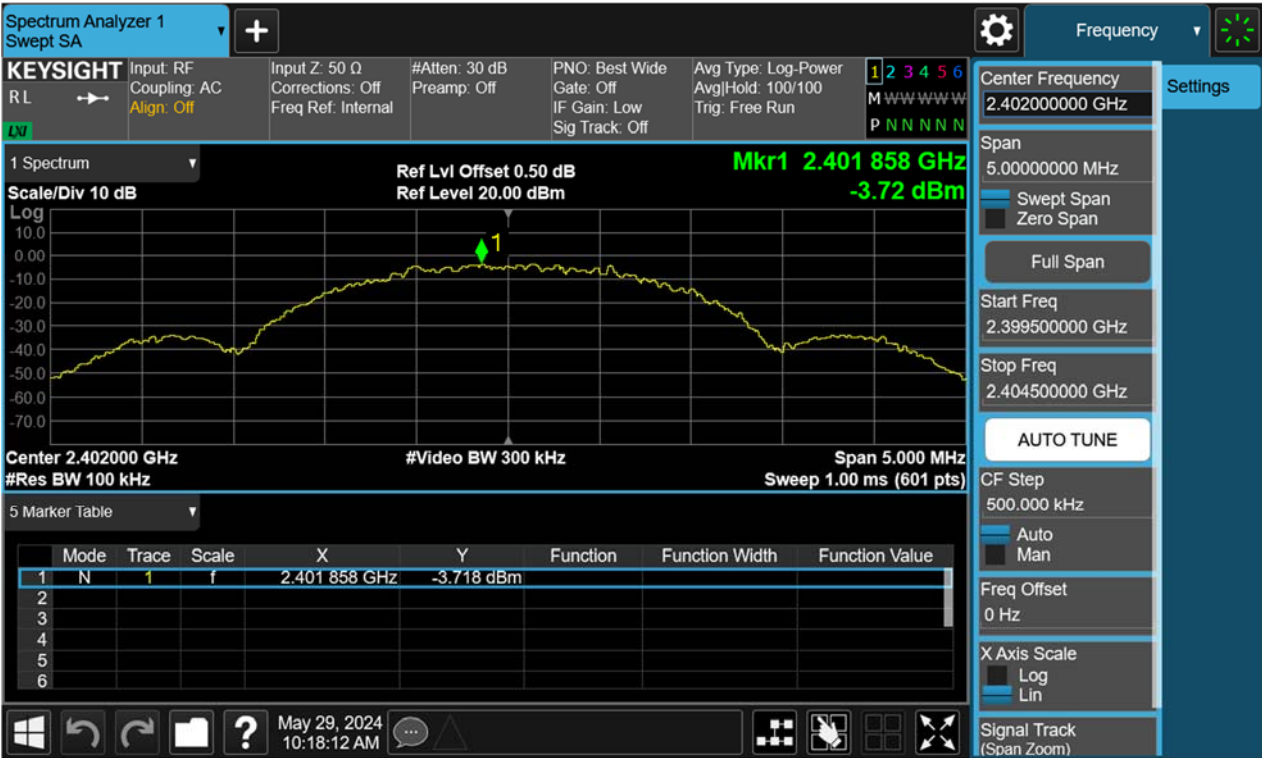
Conducted spurious emissions 30MHz-25GHz



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Figure 58: Conducted Spurious Emission & Authorized-band band-edge, 2402MHz, BLE-2Mbps Carrier Level



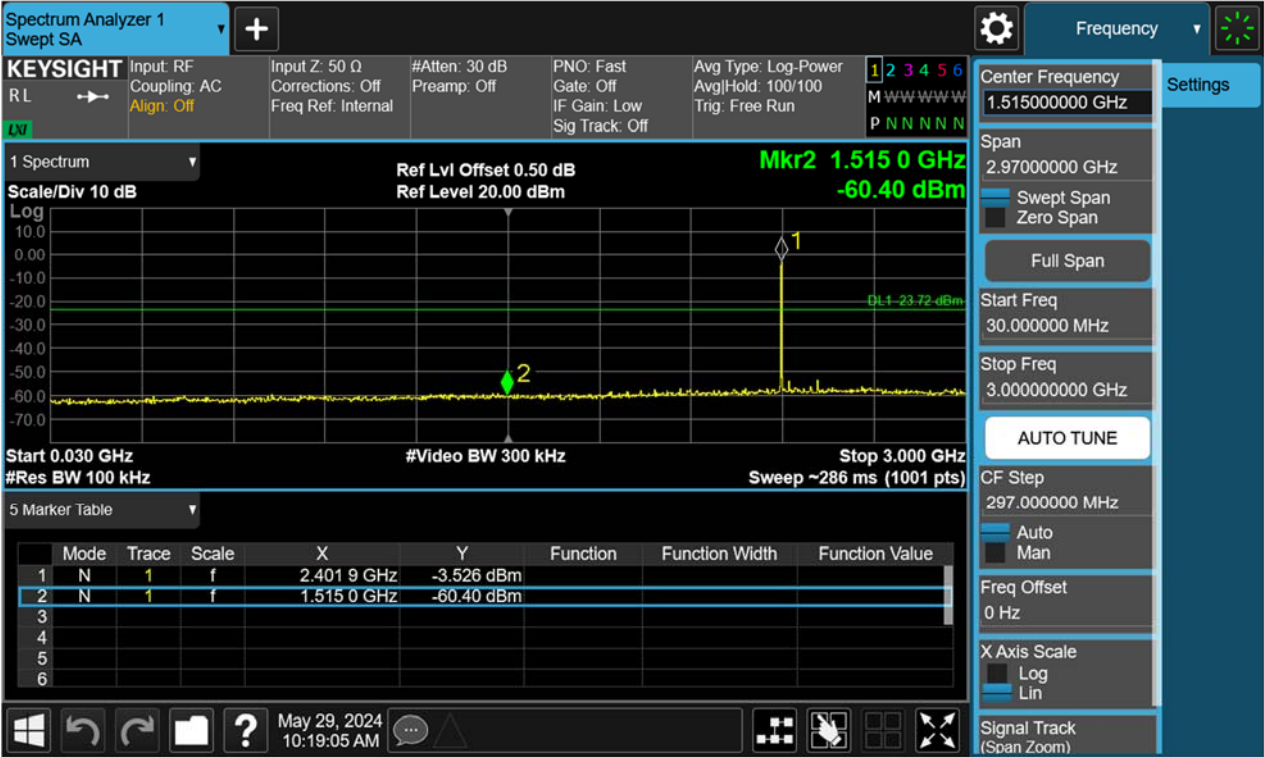
Band Edge



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Conducted spurious emissions 30MHz-25GHz



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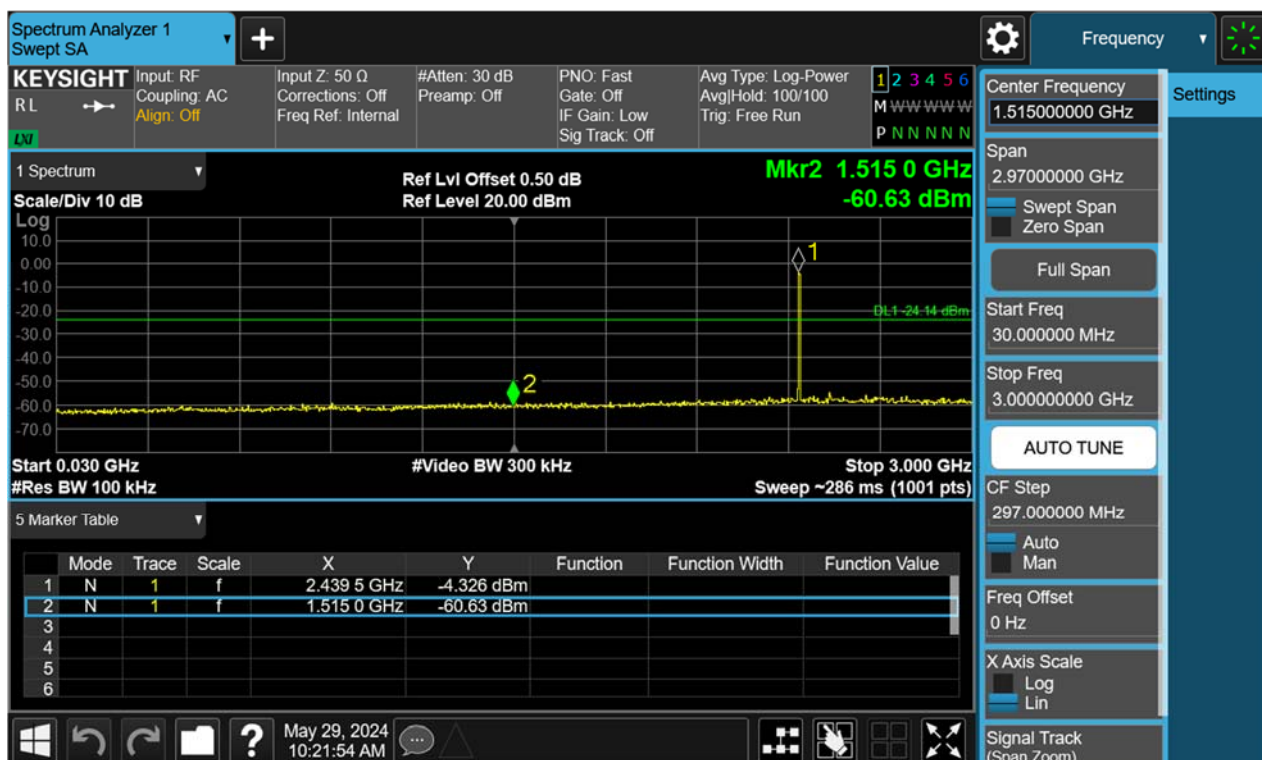
Date: 2024-06-07

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Figure 59: Conducted Spurious Emission & Authorized-band band-edge, 2440MHz, BLE-2Mbps Carrier Level



Conducted spurious emissions 30MHz-25GHz



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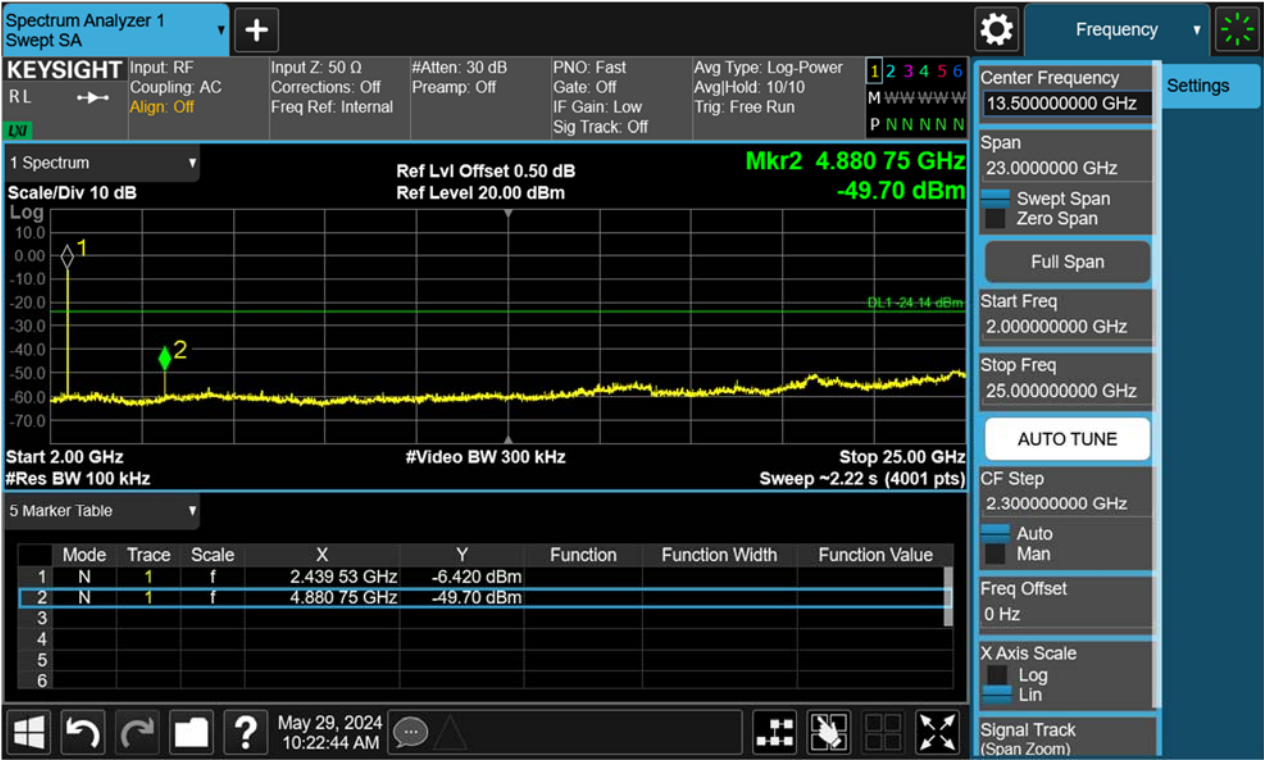
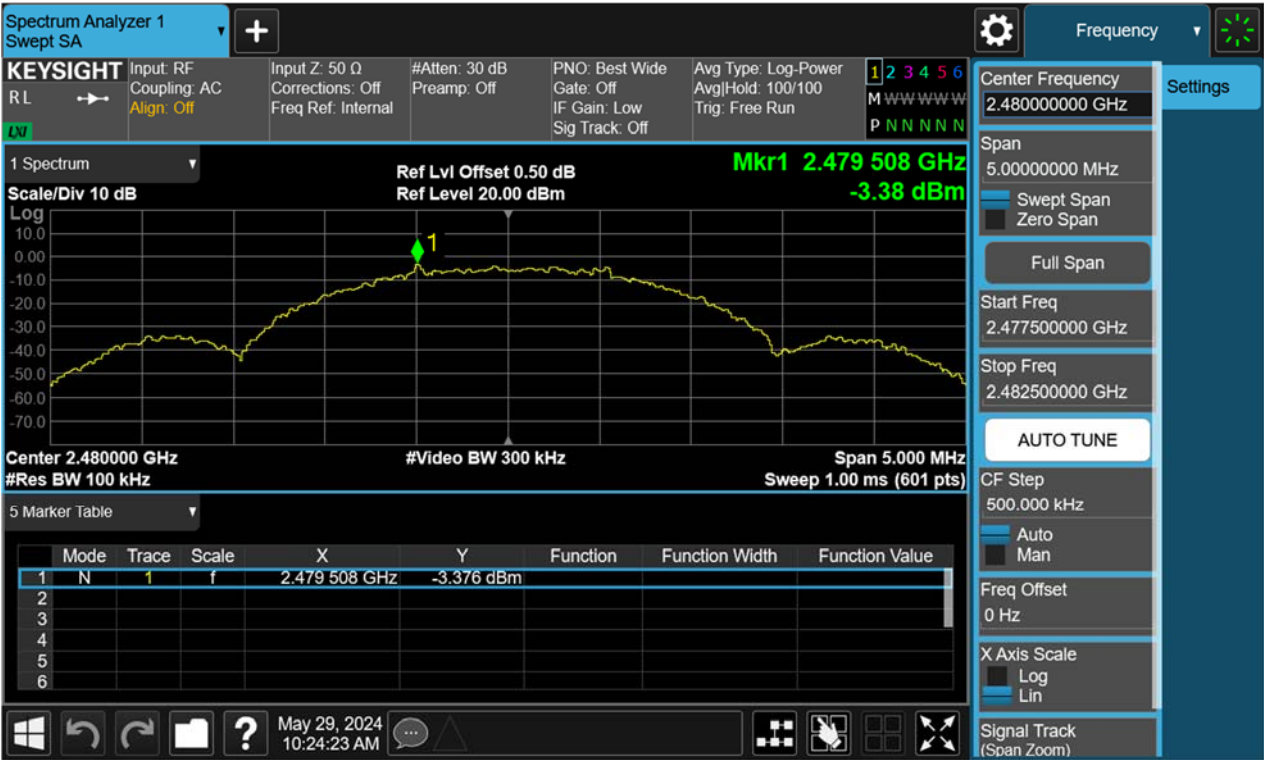


Figure 60: Conducted Spurious Emission & Authorized-band band-edge, 2480MHz, BLE-2Mbps Carrier Level



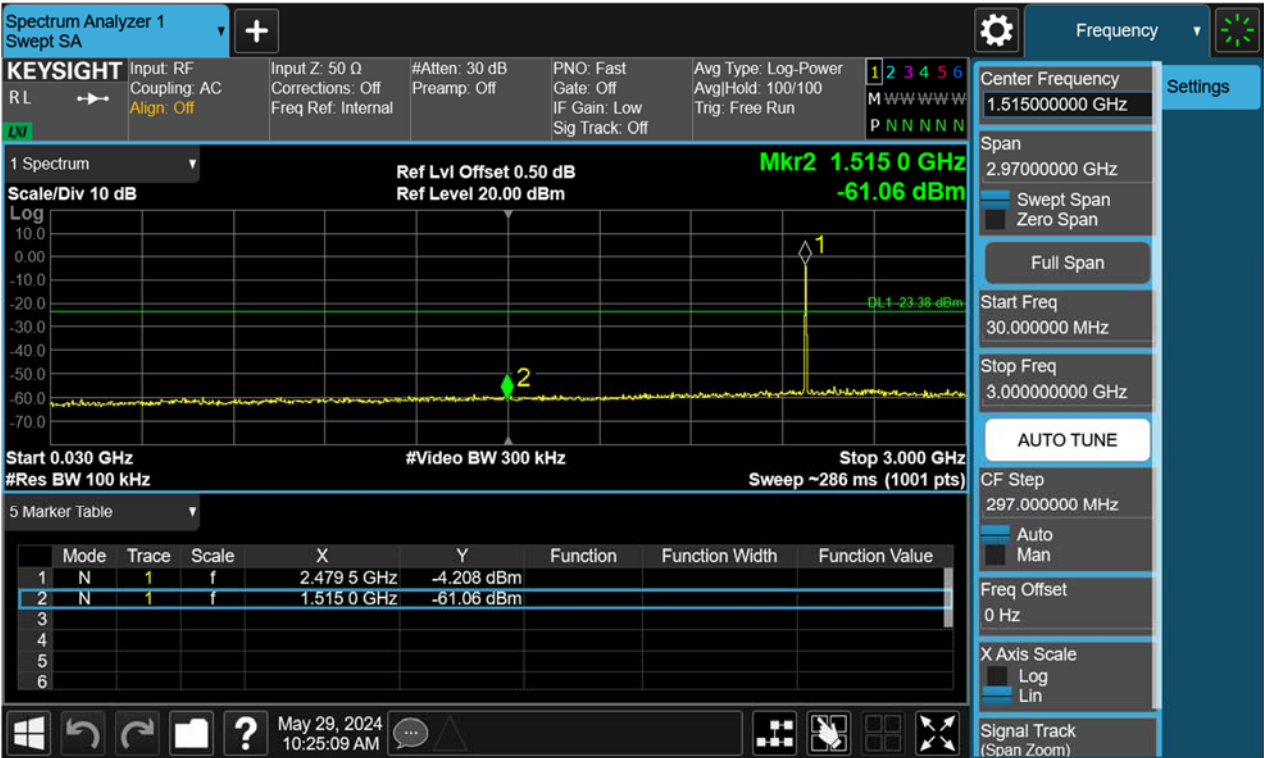
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Band Edge



Conducted spurious emissions 30MHz-25GHz



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(CC2642R1F) BLE2 Data plots

Figure 61: Conducted Spurious Emission & Authorized-band band-edge, 2402MHz, BLE-1Mbps Carrier Level

