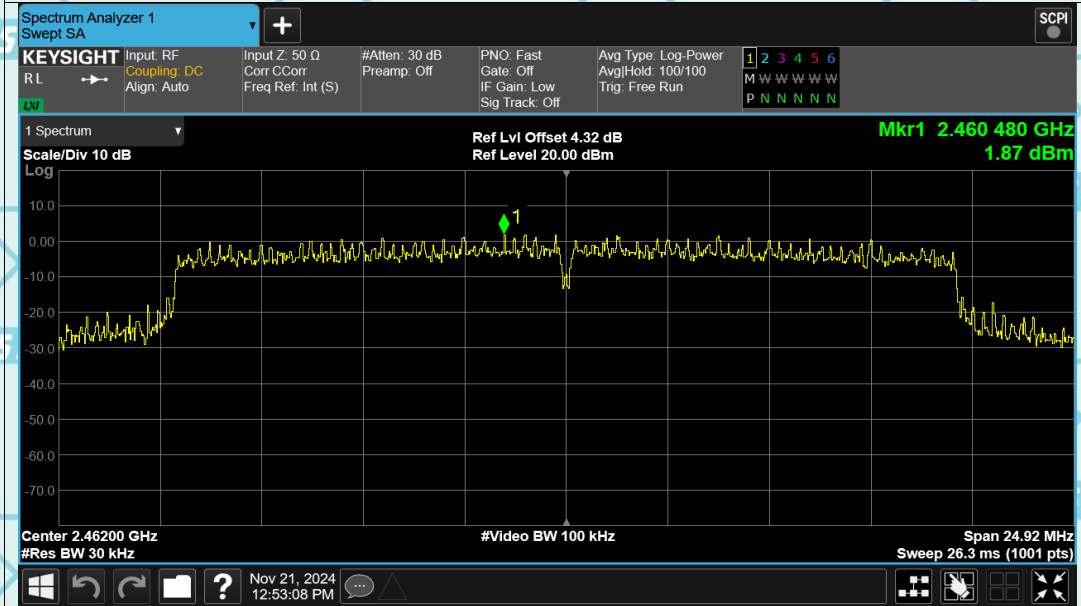
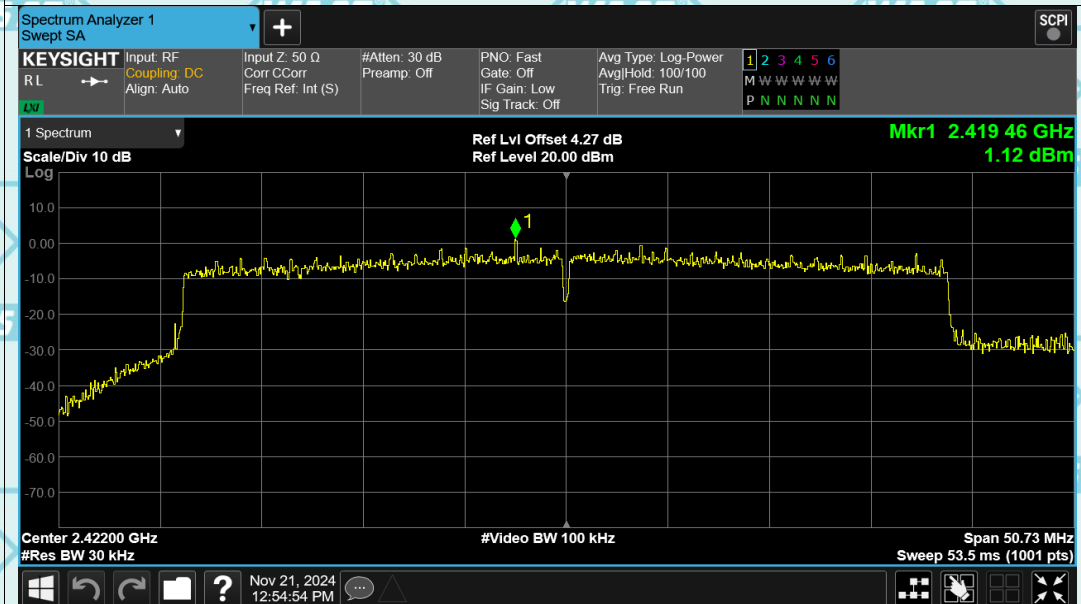


Report No.: WSCT-ANAB-R&E241100065A-Wi-Fi1

PSD NVNT ax20 2462MHz Ant1

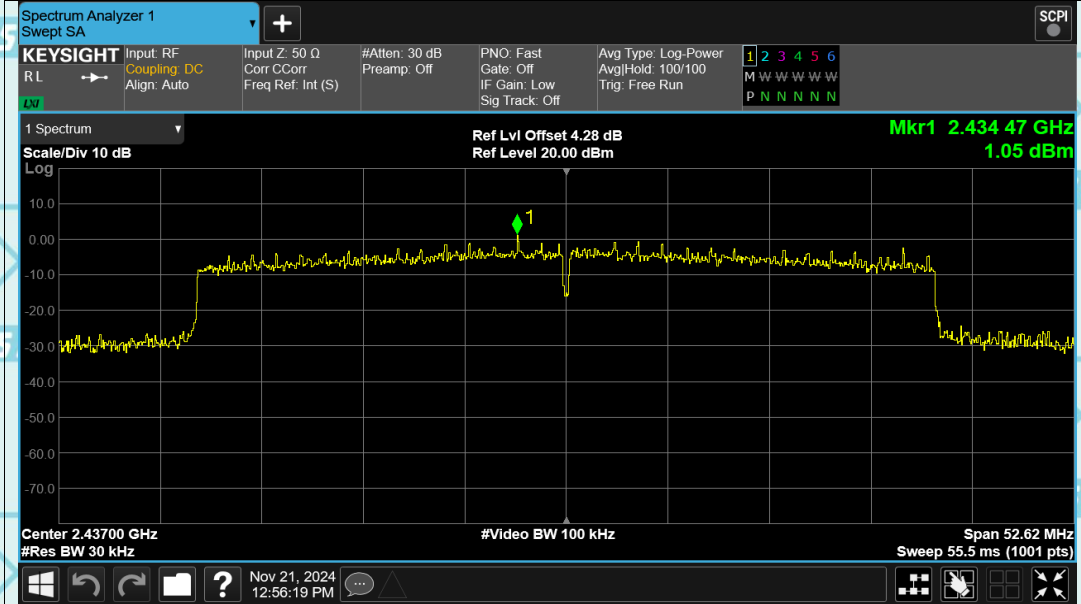


PSD NVNT ax40 2422MHz Ant1

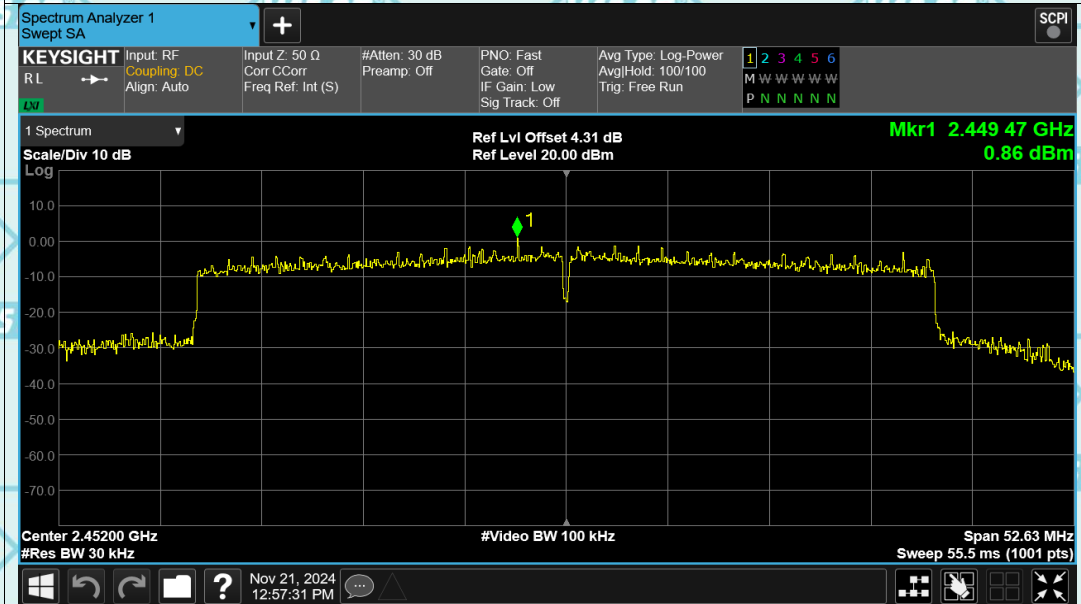


Report No.: WSCT-ANAB-R&E241100065A-Wi-Fi1

PSD NVNT ax40 2437MHz Ant1



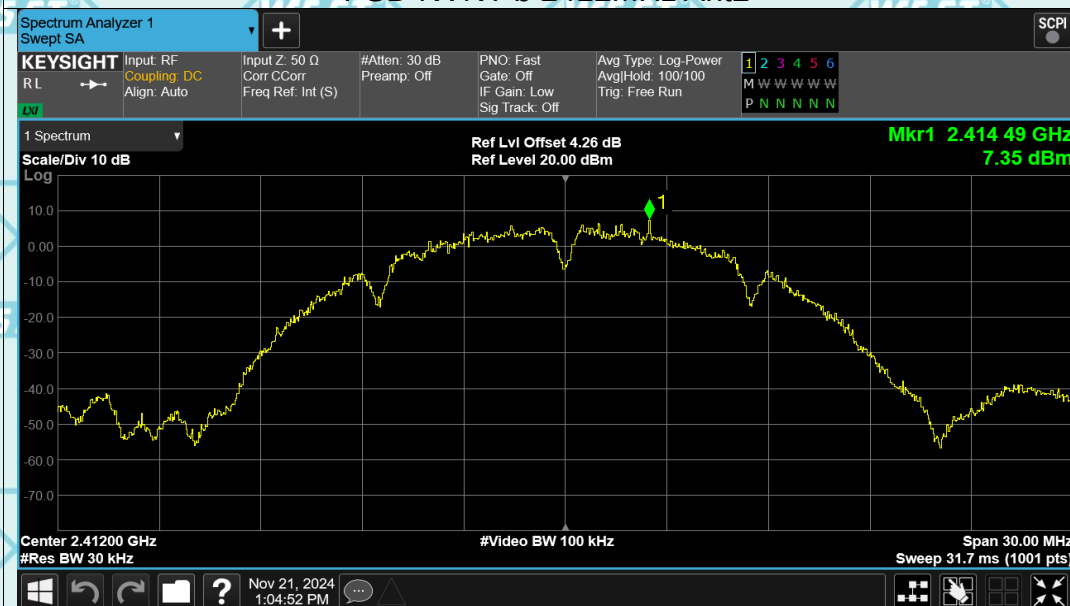
PSD NVNT ax40 2452MHz Ant1



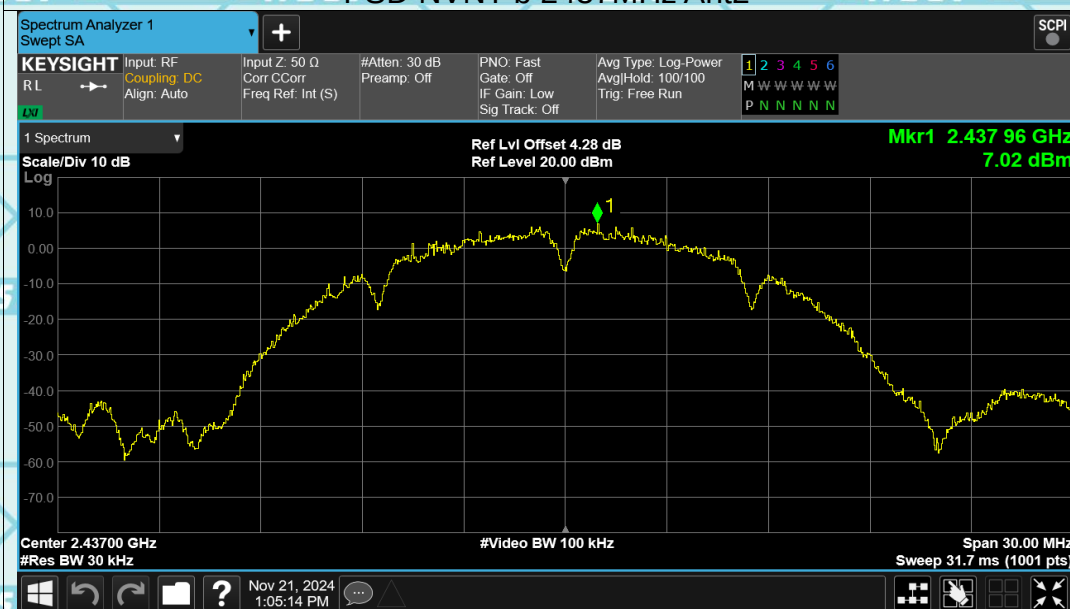
Report No.: WSCT-ANAB-R&E241100065A-Wi-Fi1

Test Graphs

PSD NVNT b 2412MHz Ant2

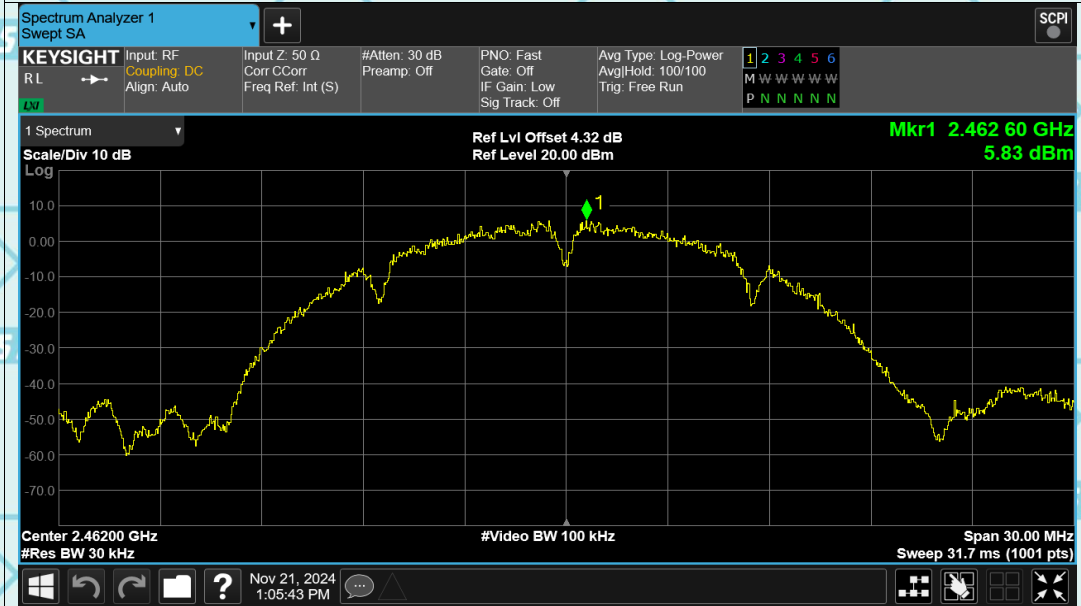


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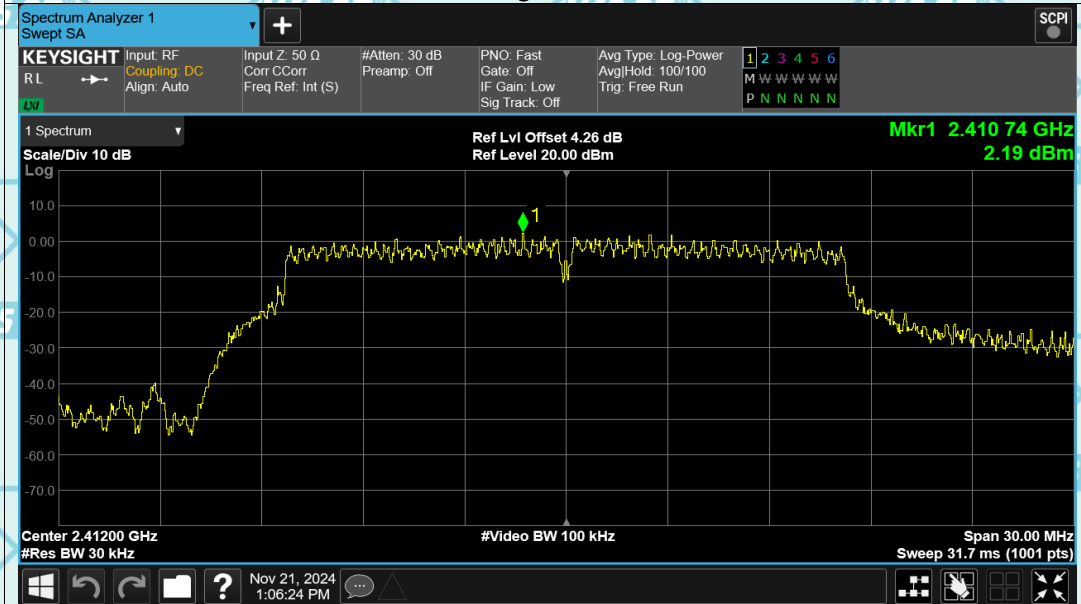


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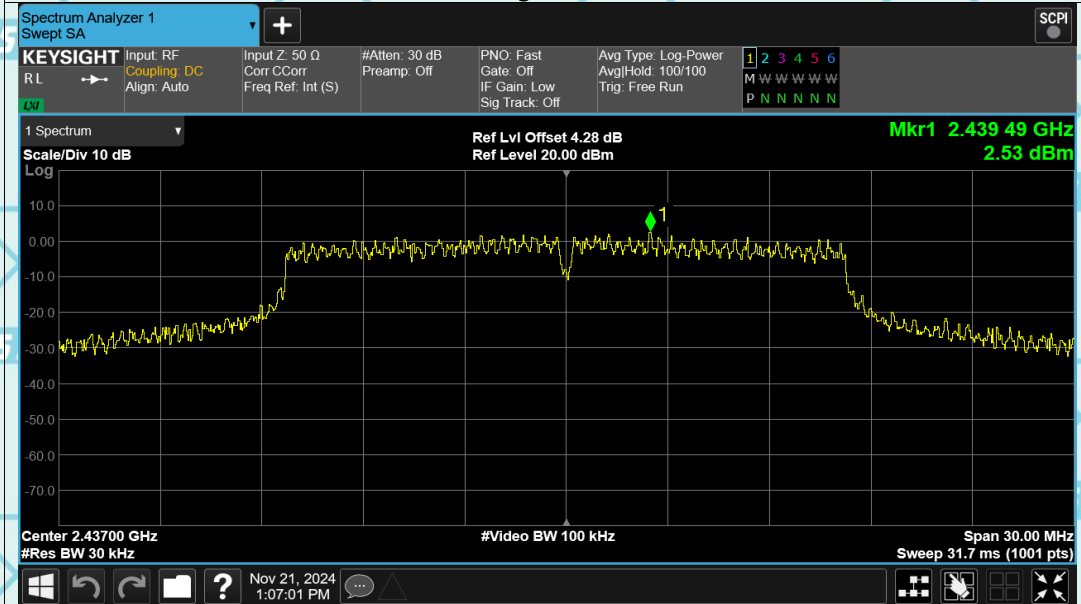


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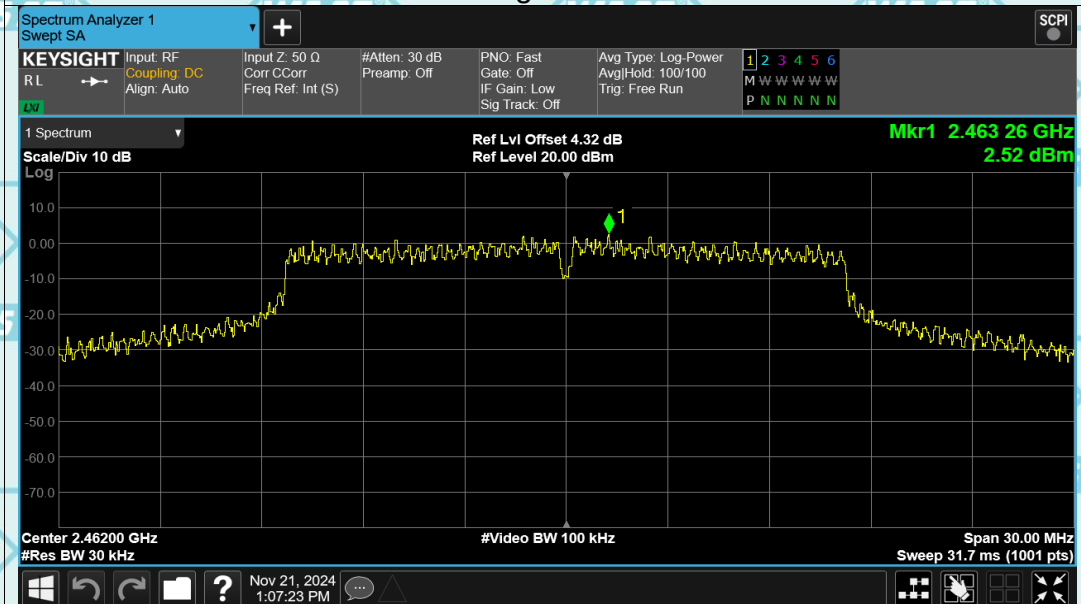


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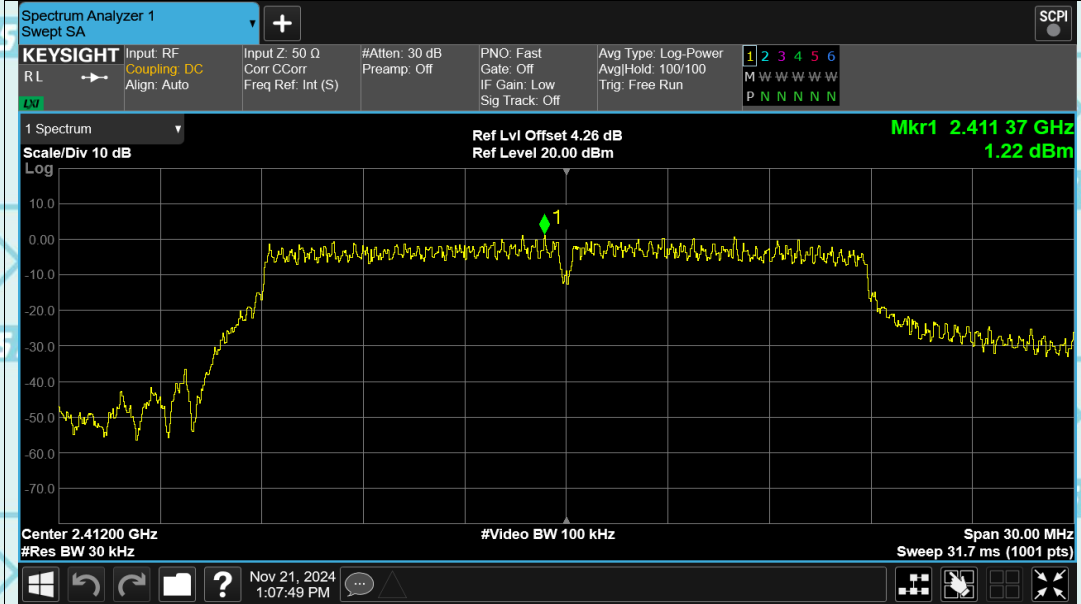


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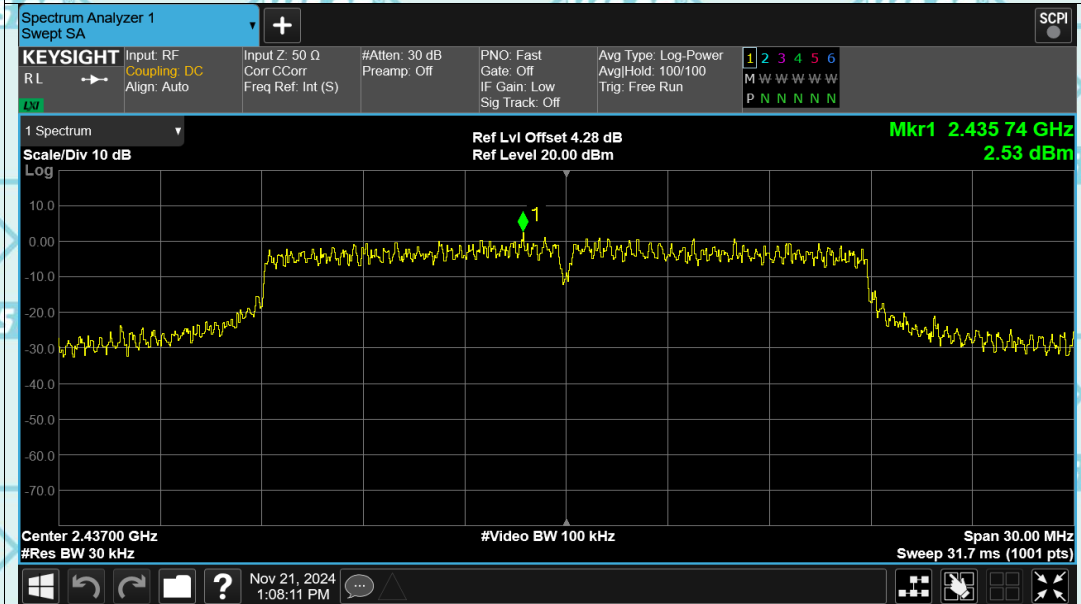


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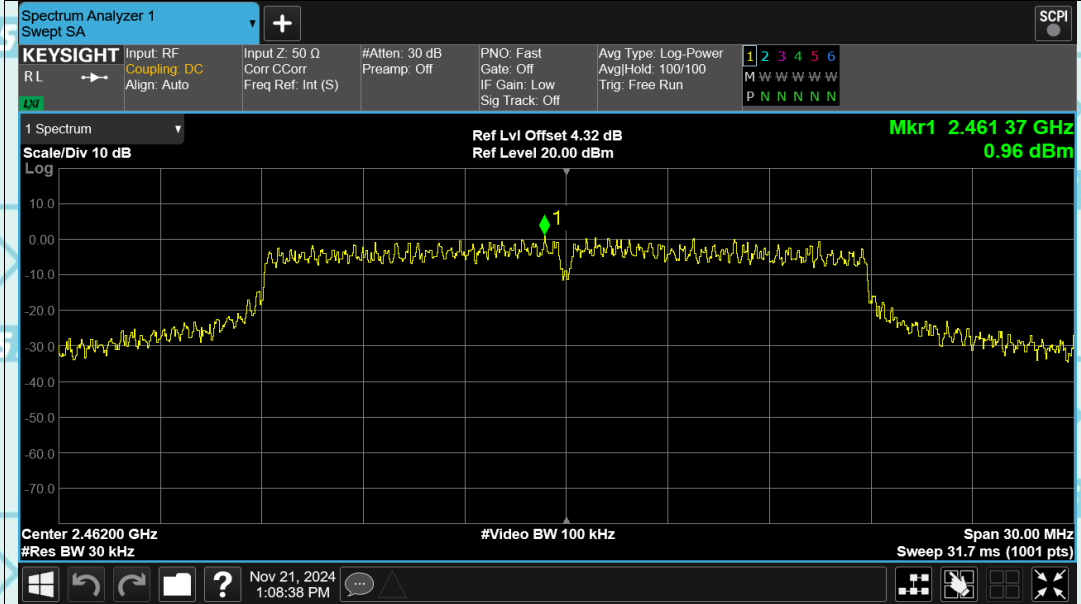


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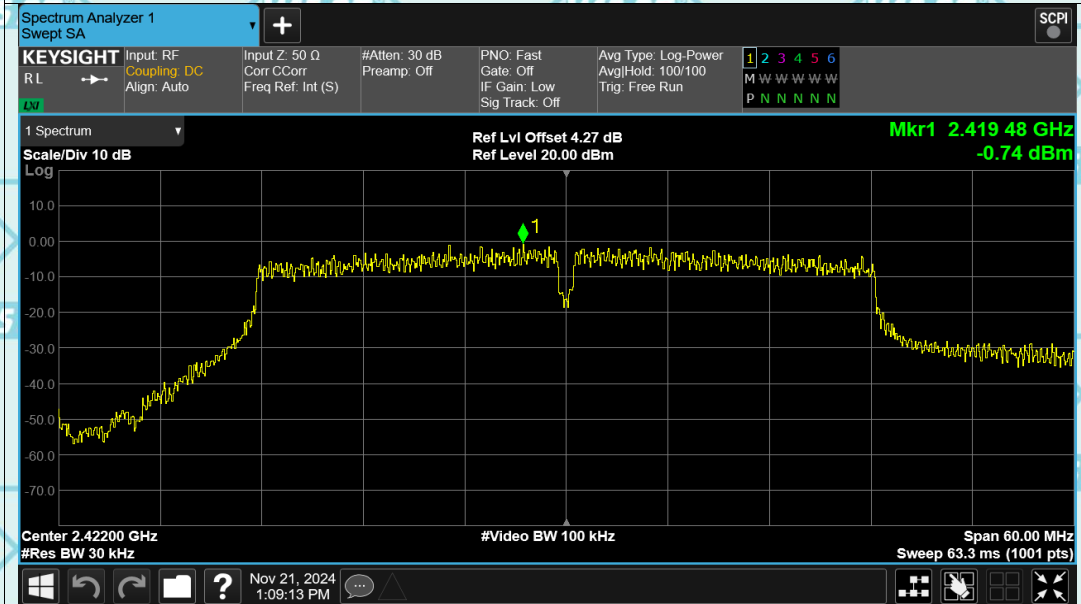


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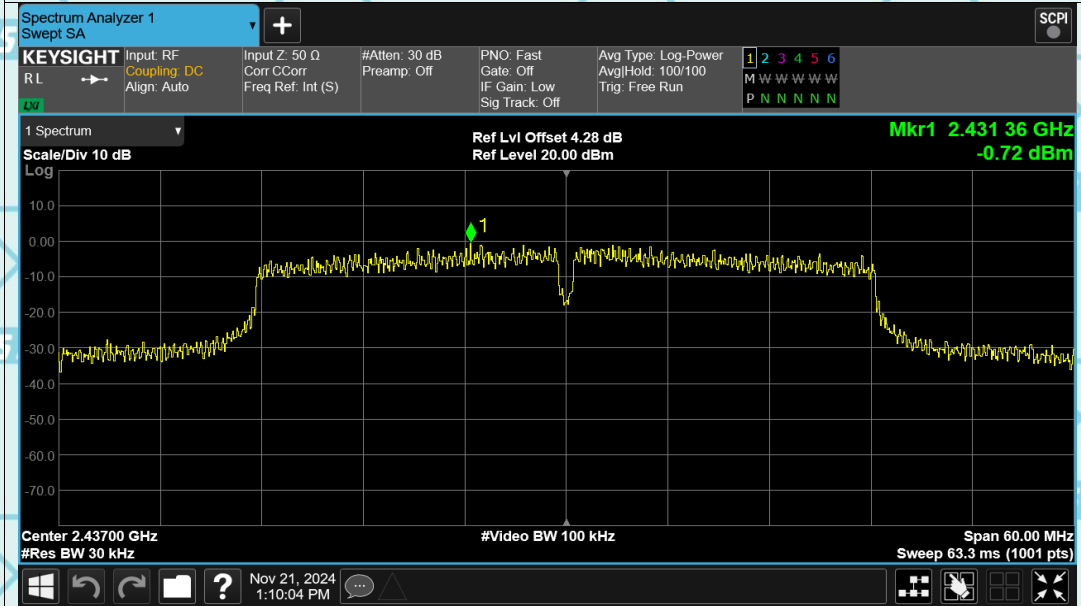


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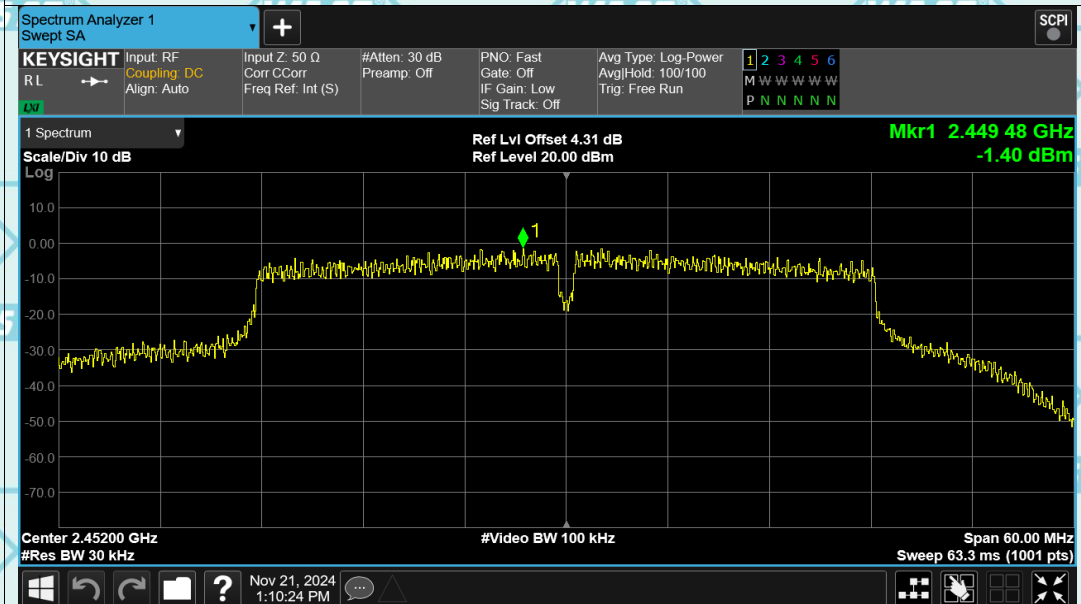


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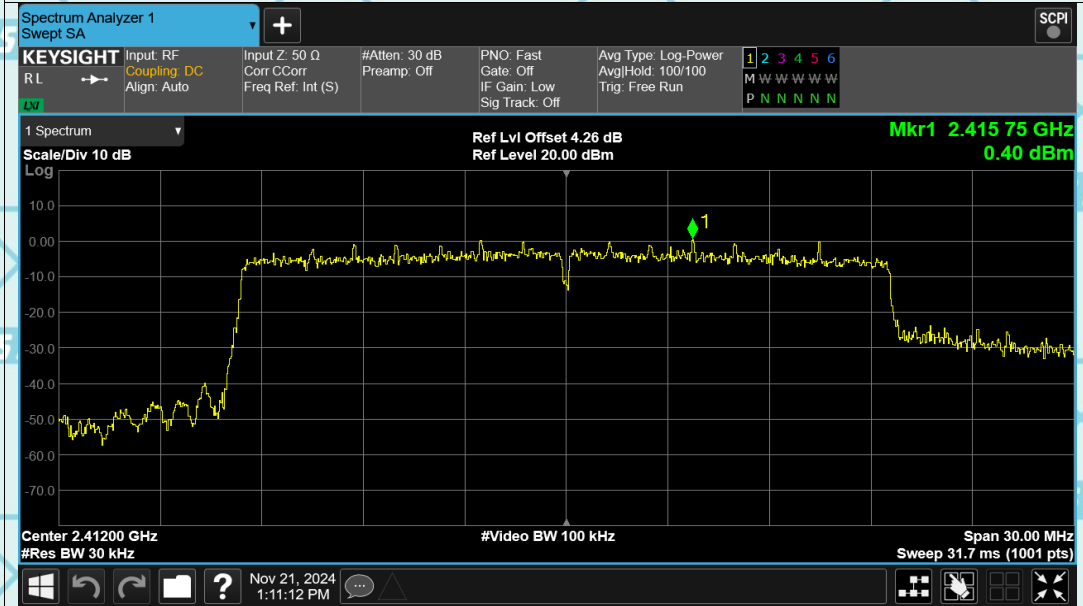


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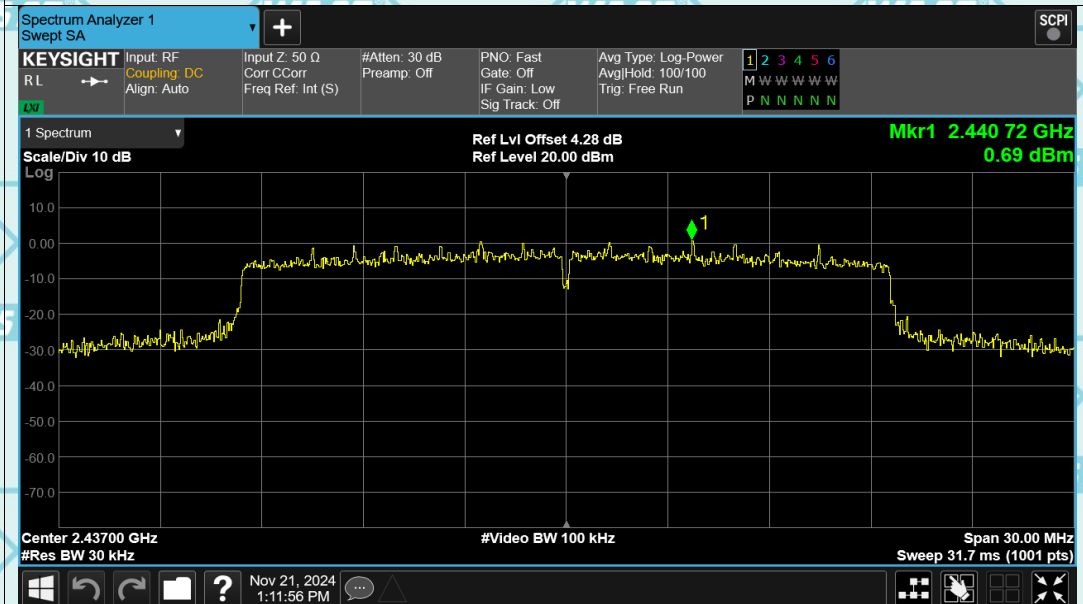


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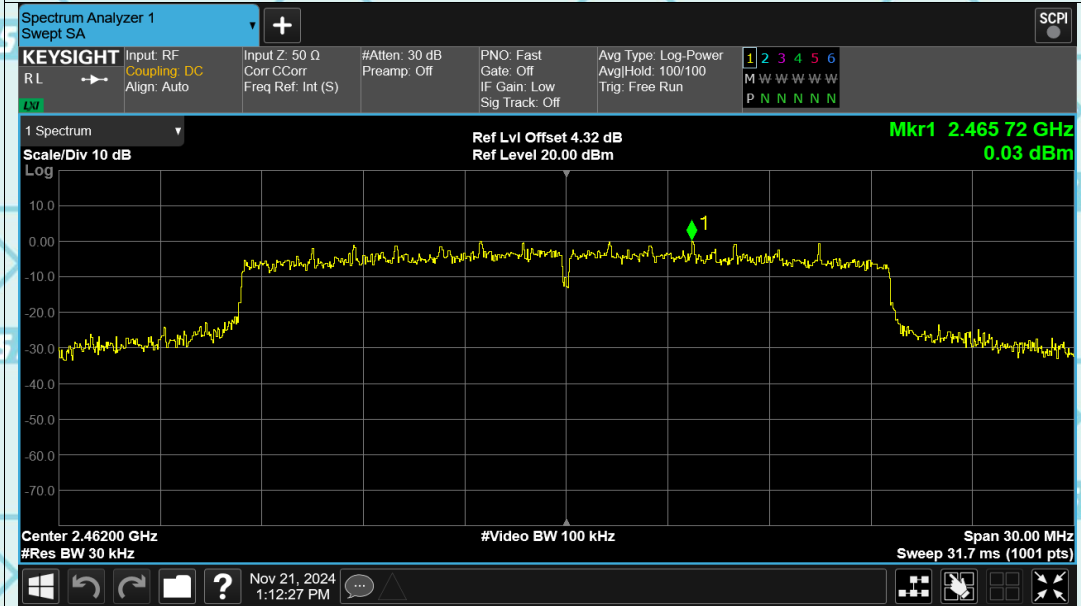


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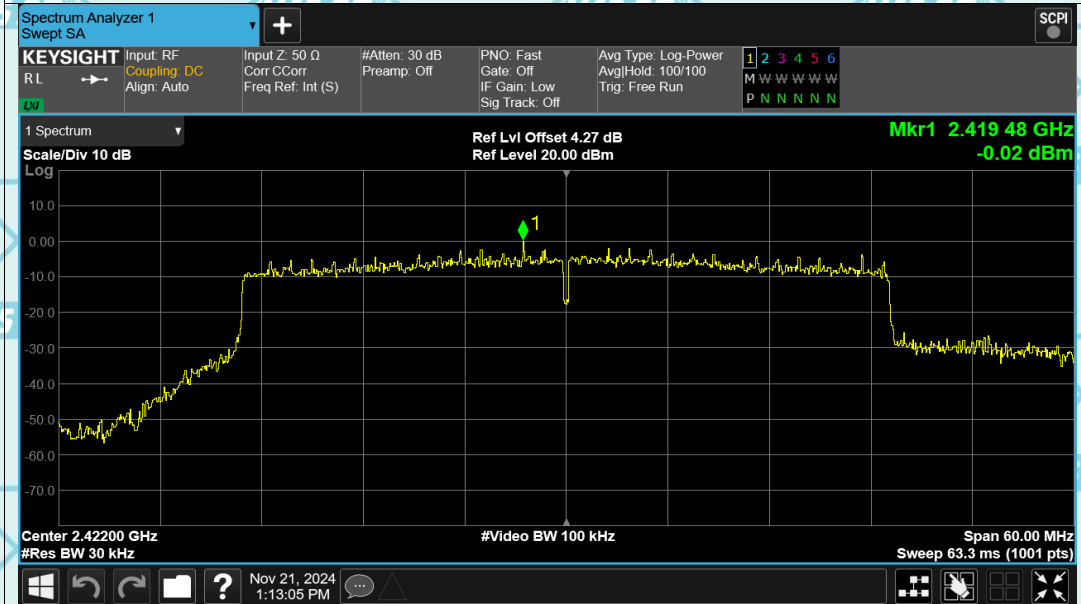


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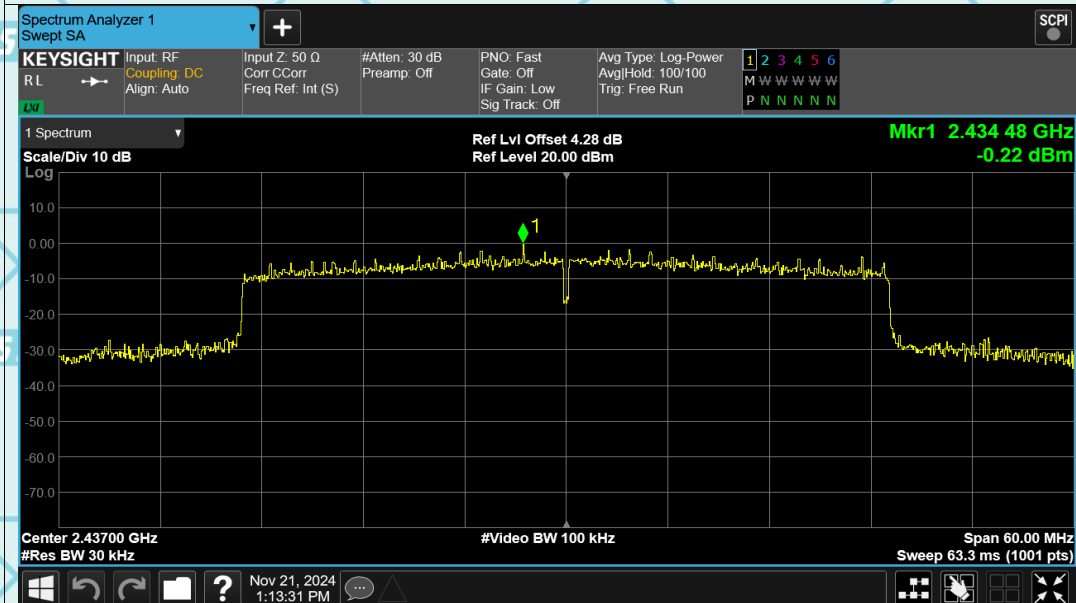


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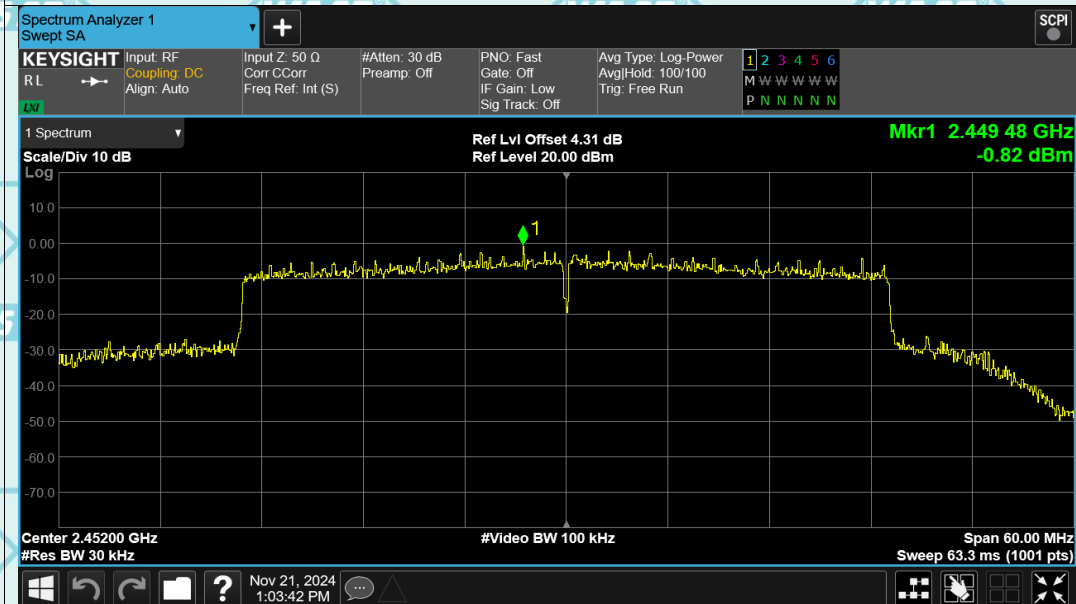


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PSD NVNT ax40 2437MHz Ant2

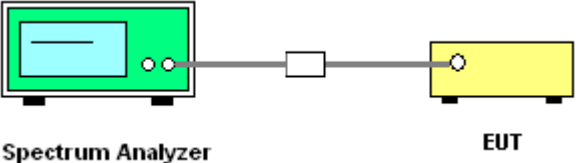


PSD NVNT ax40 2452MHz Ant2



6.6. Conducted Band Edge and Spurious Emission Measurement

6.6.1 Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	KDB558074
Limit:	In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement and radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).
Test Setup:	 The diagram illustrates the test setup. On the left is a green box representing the Spectrum Analyzer. A cable connects it to a small white box representing an attenuator. Another cable connects the attenuator to a yellow box representing the EUT (Equipment Under Test).
Test Mode:	Transmitting mode with modulation
Test Procedure:	1. The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v04. 2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. 3. Set to the maximum power setting and enable the EUT transmit continuously. 4. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d). 5. Measure and record the results in the test report. 6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
Test Result:	PASS

Report No.: WSCT-ANAB-R&E241100065A-Wi-Fi1

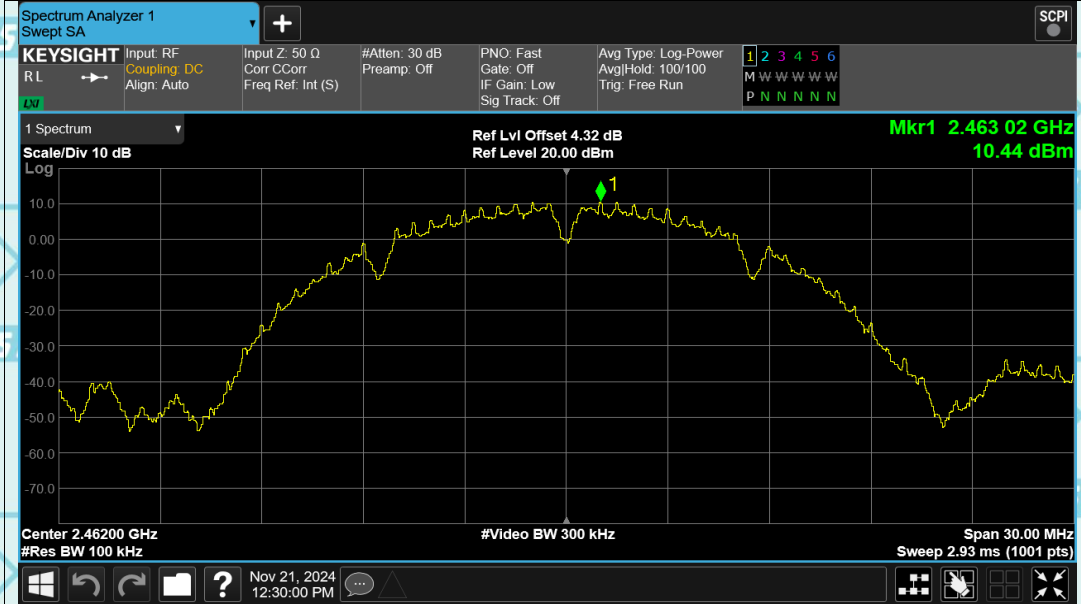
6.6.2. Test Data(worst)

Band Edge

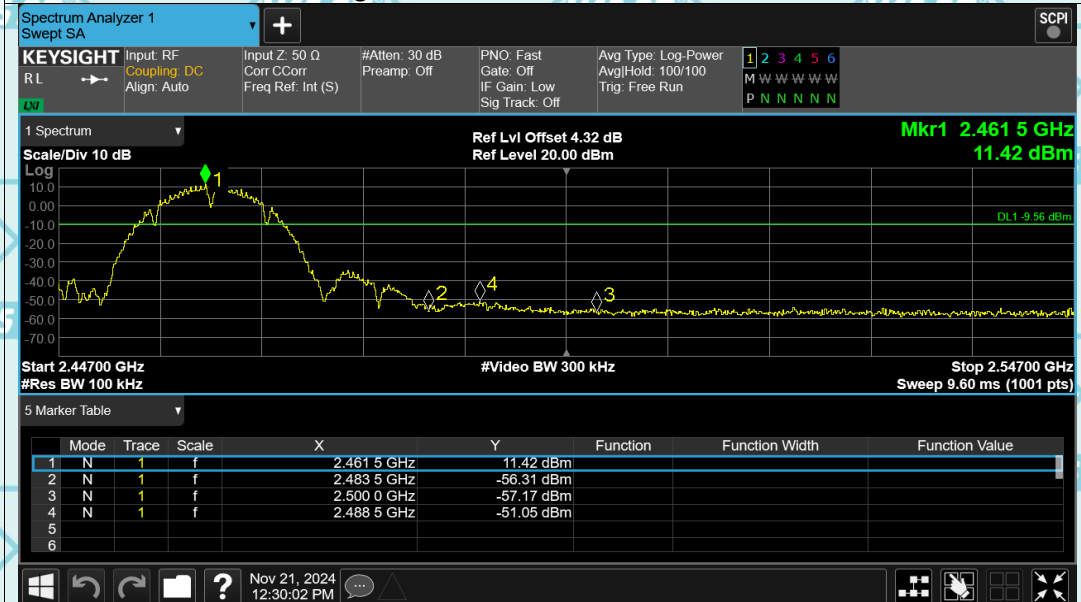


Report No.: WSCT-ANAB-R&E241100065A-Wi-Fi1

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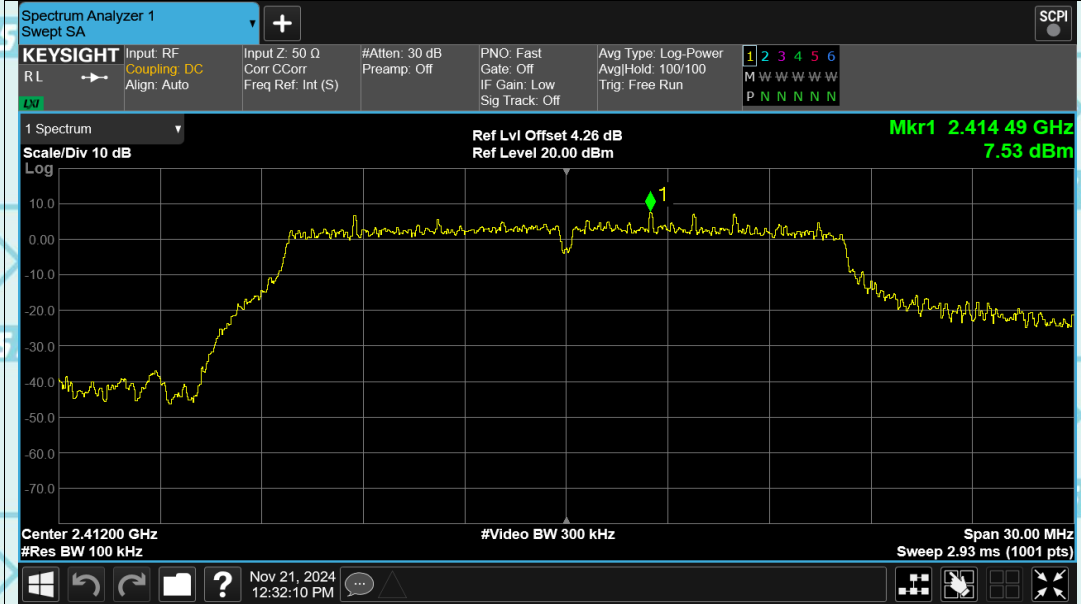


Band Edge NVNT b 2462MHz Ant1 Emission

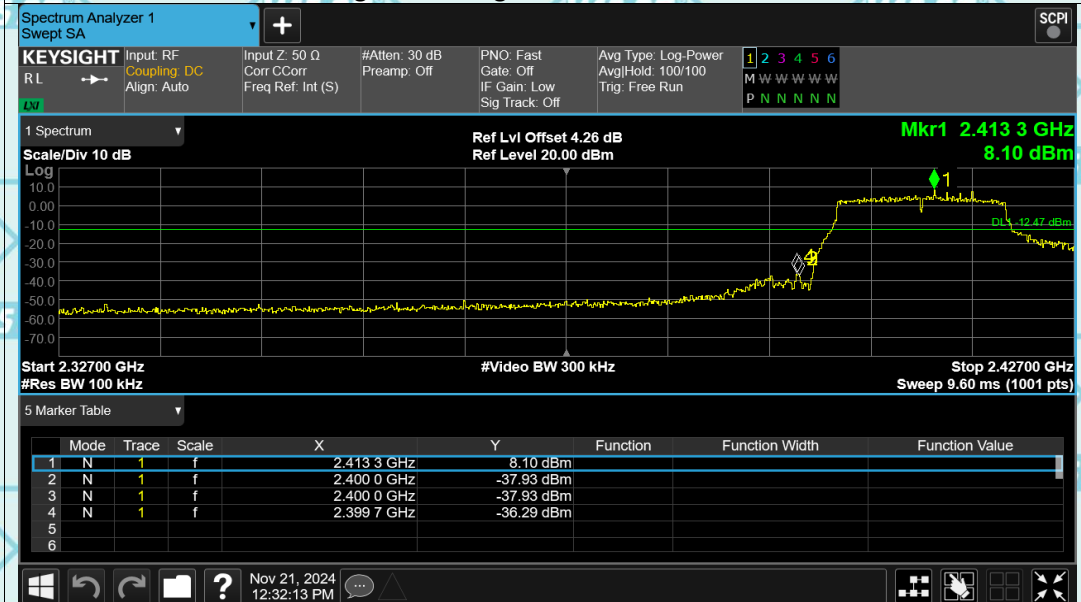


Report No.: WSCT-ANAB-R&E241100065A-Wi-Fi1

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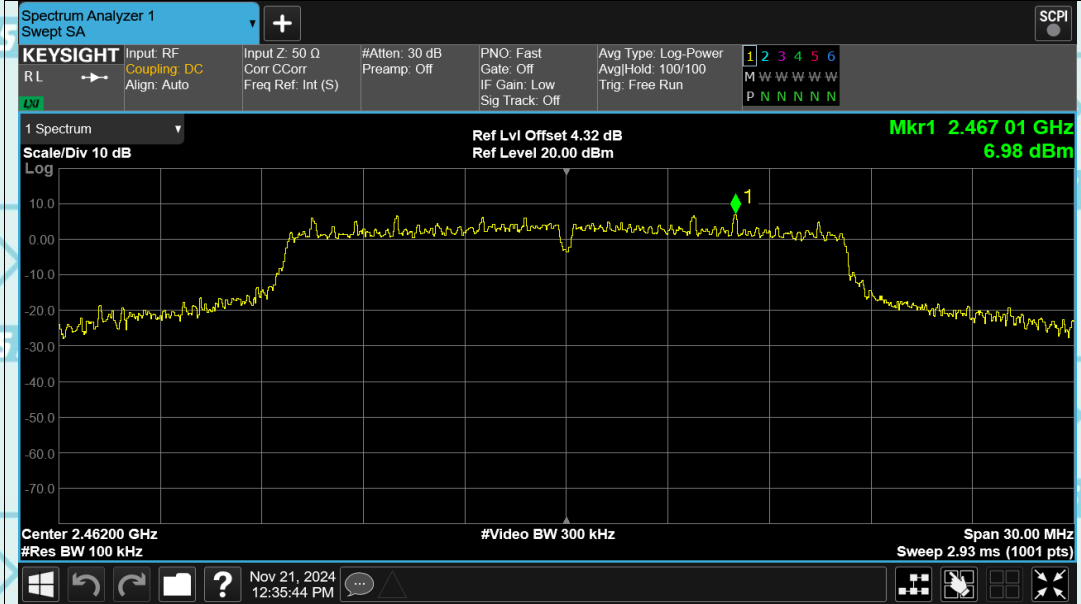


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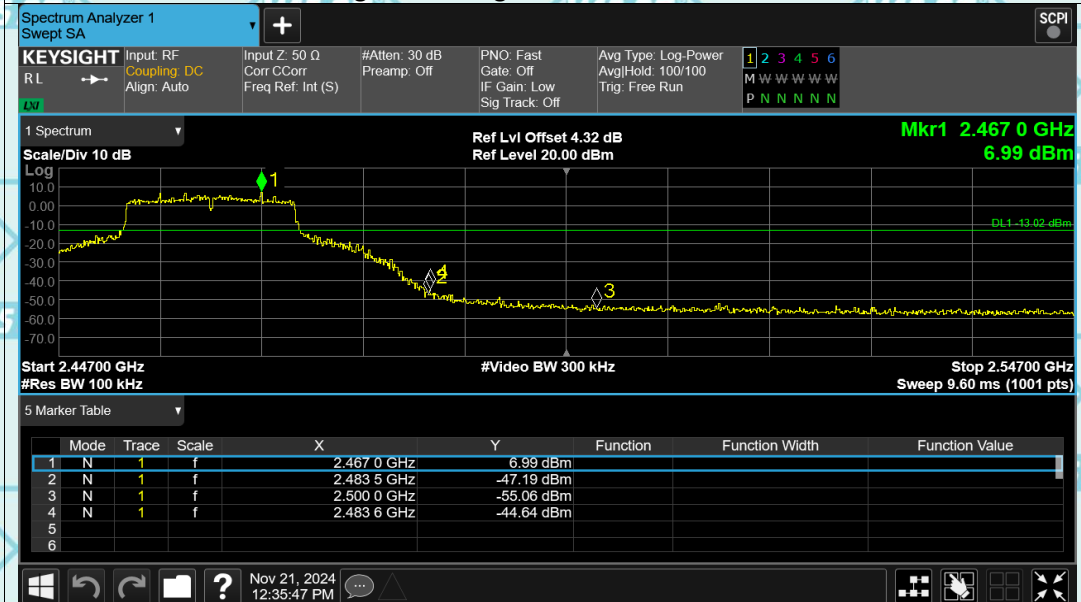


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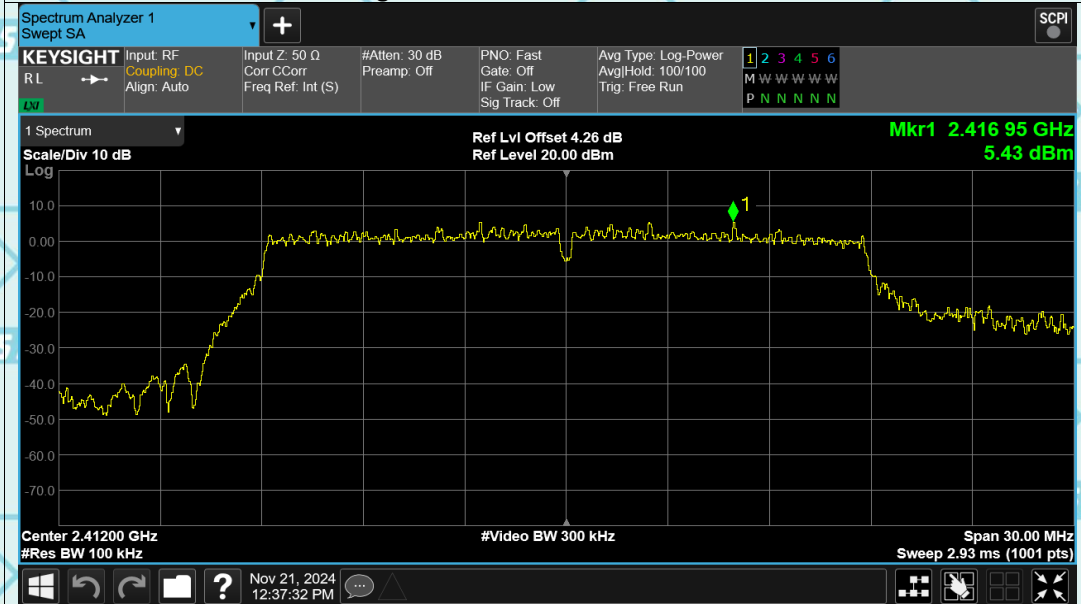


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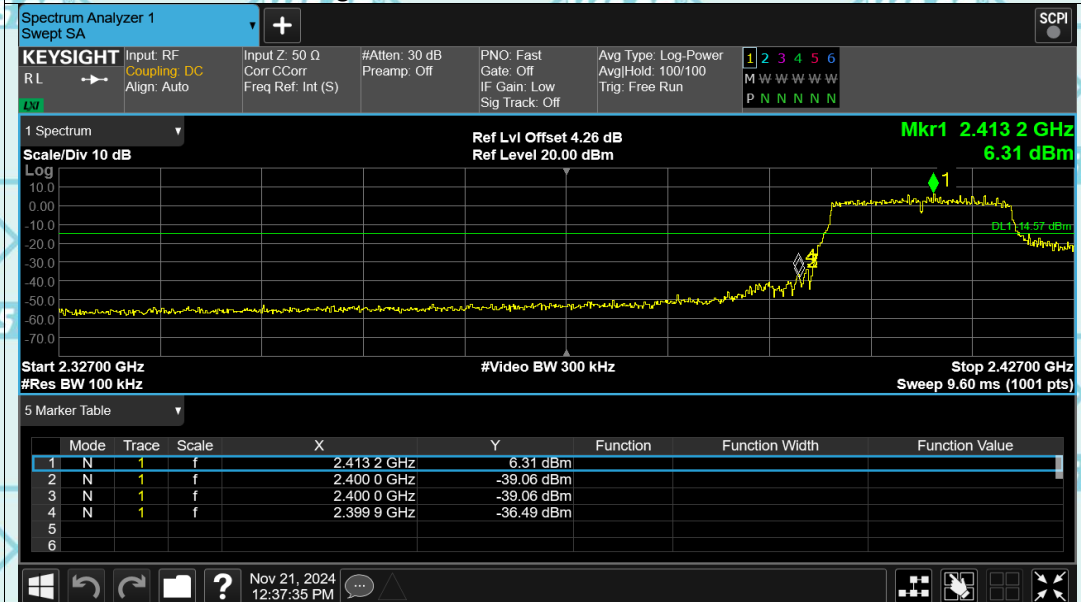


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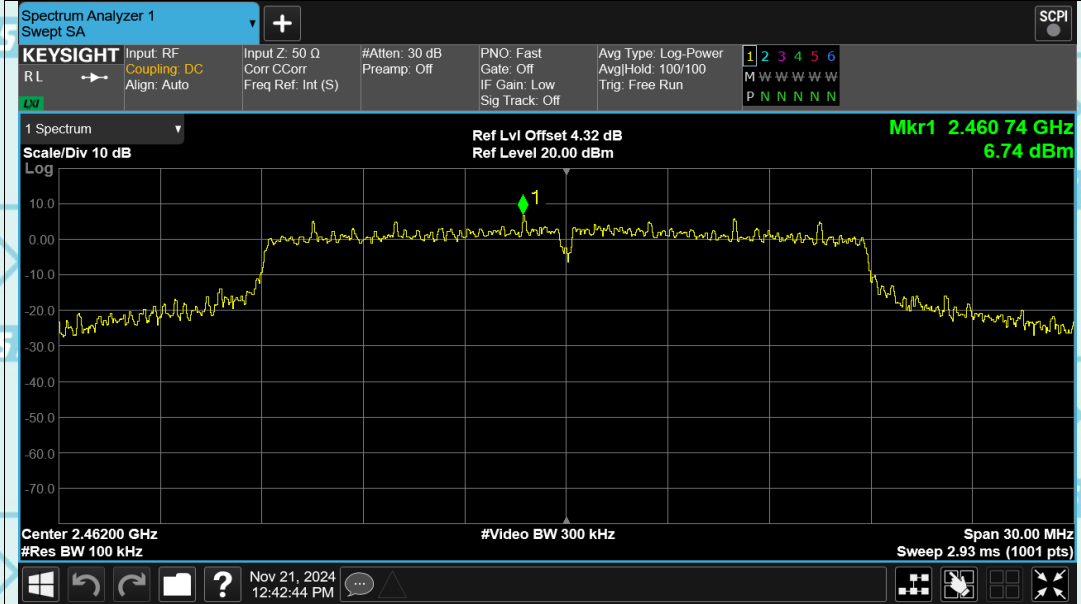


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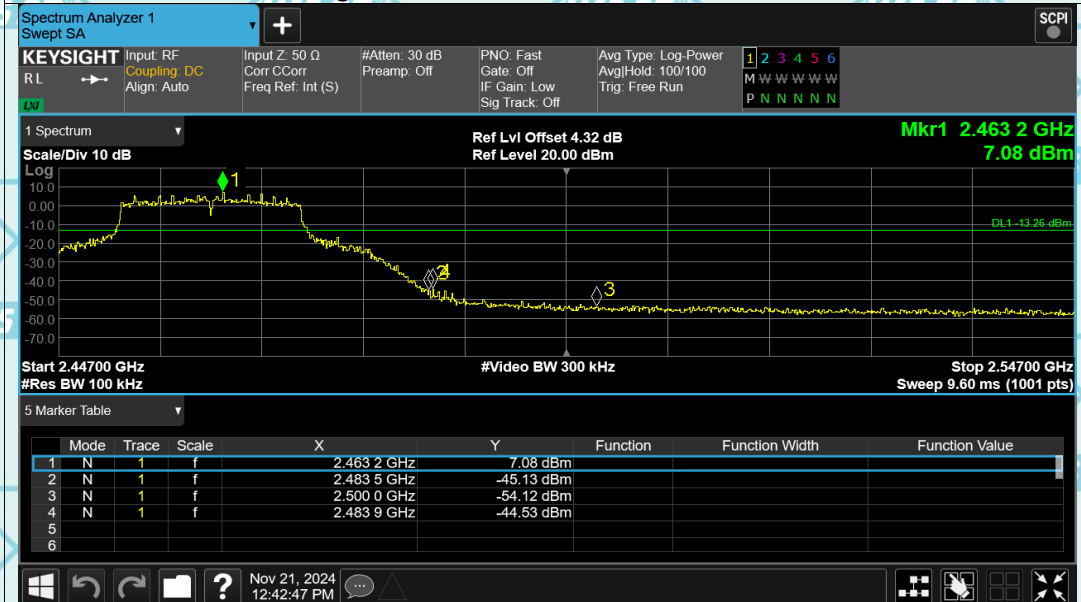


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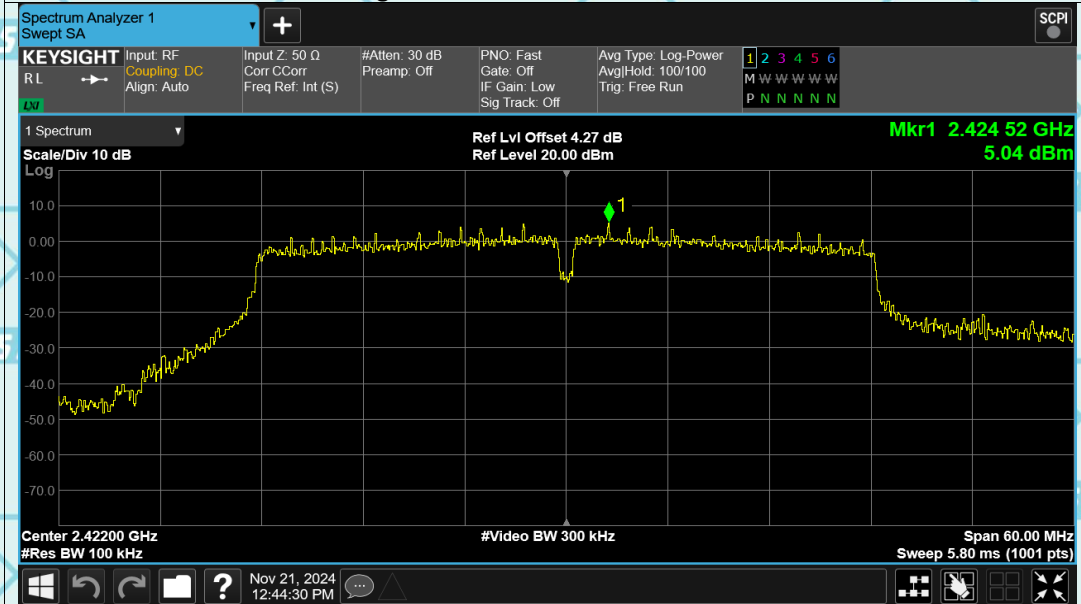


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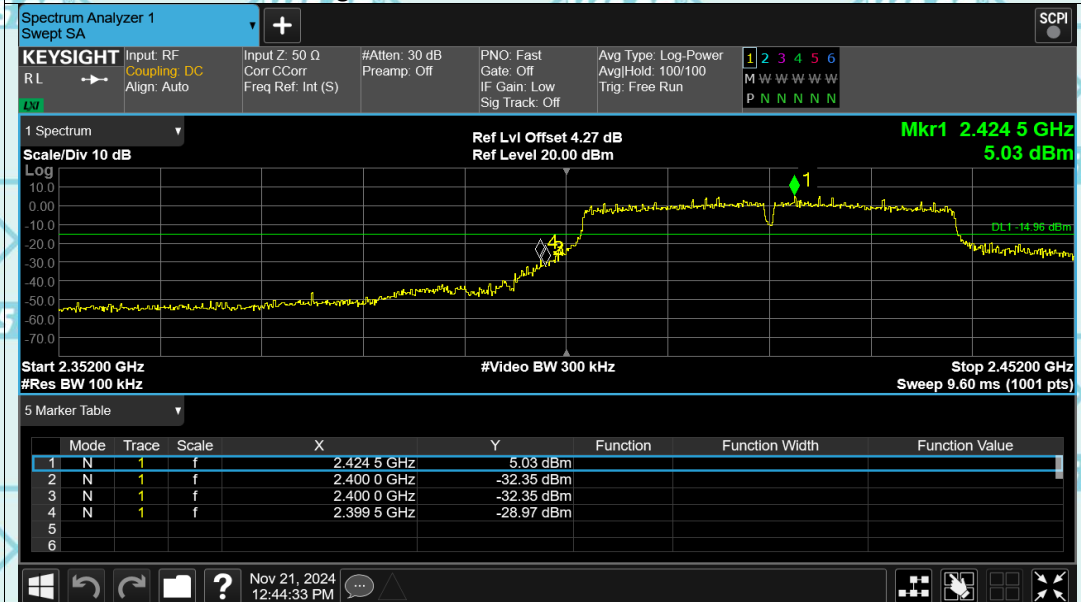


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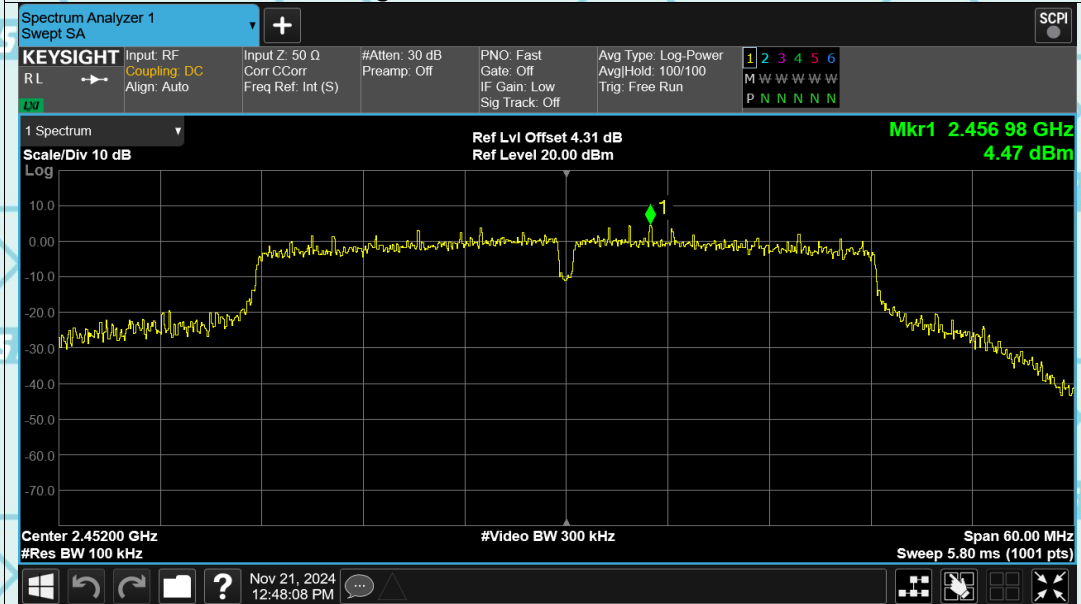


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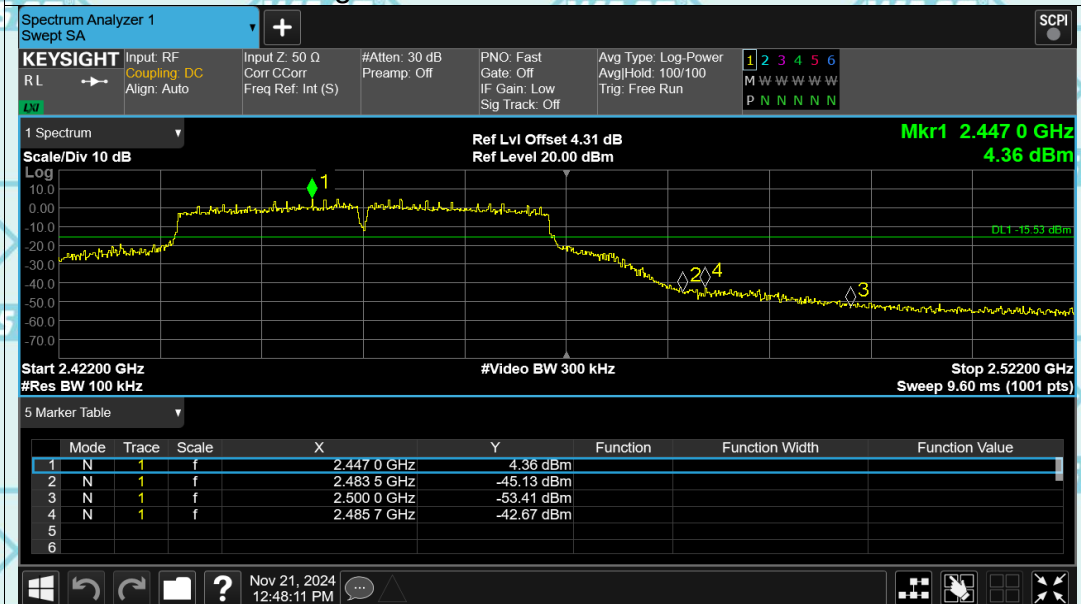


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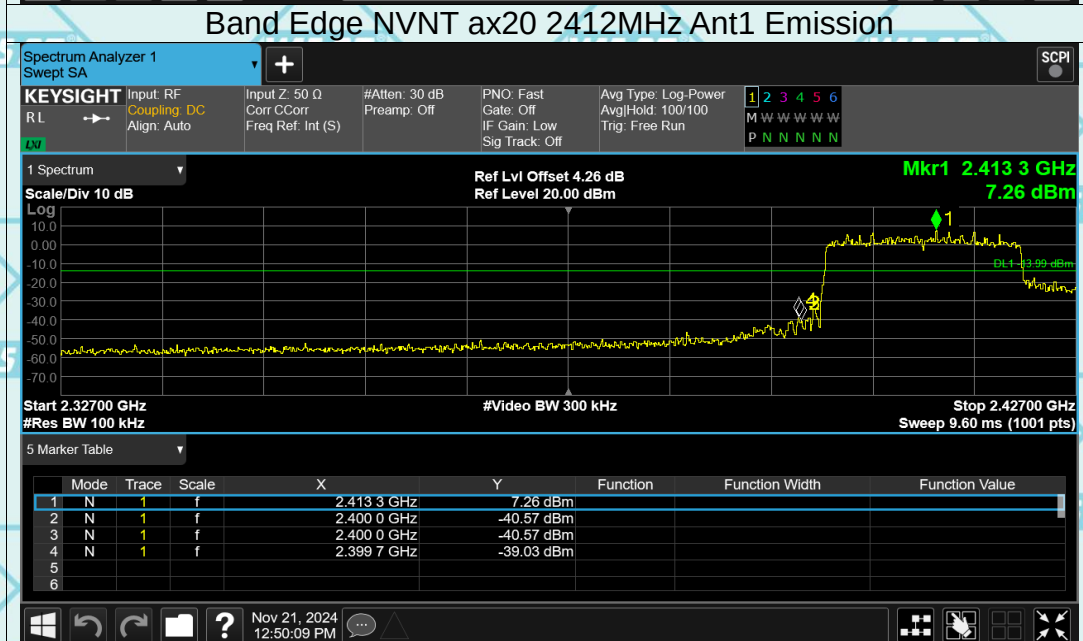
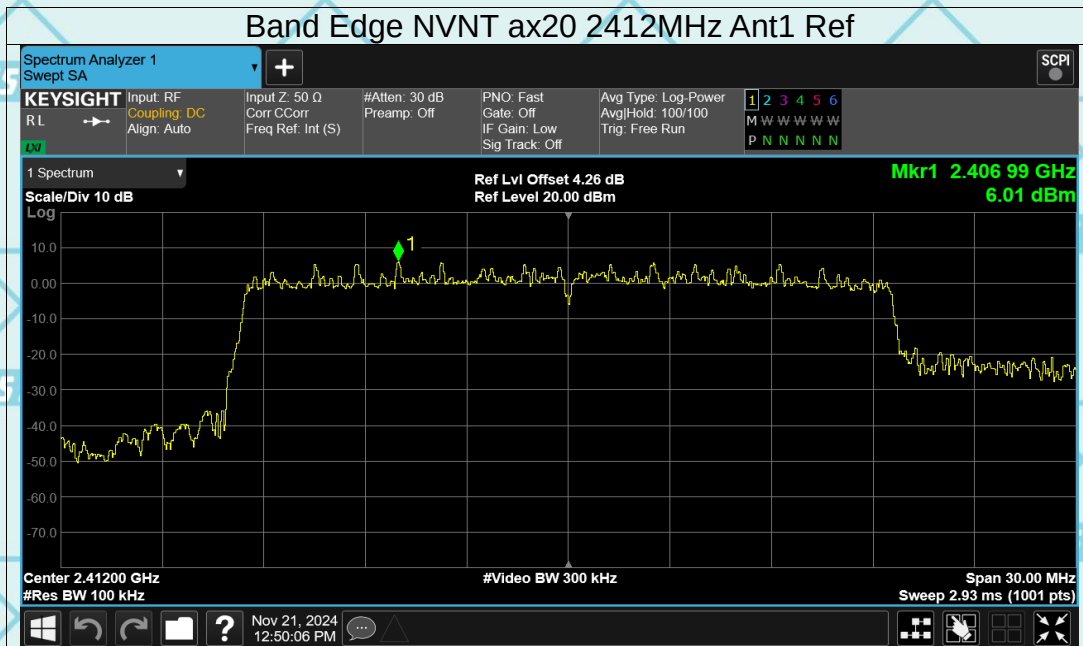
Band Edge NVNT n40 2452MHz Ant1 Ref



Band Edge NVNT n40 2452MHz Ant1 Emission

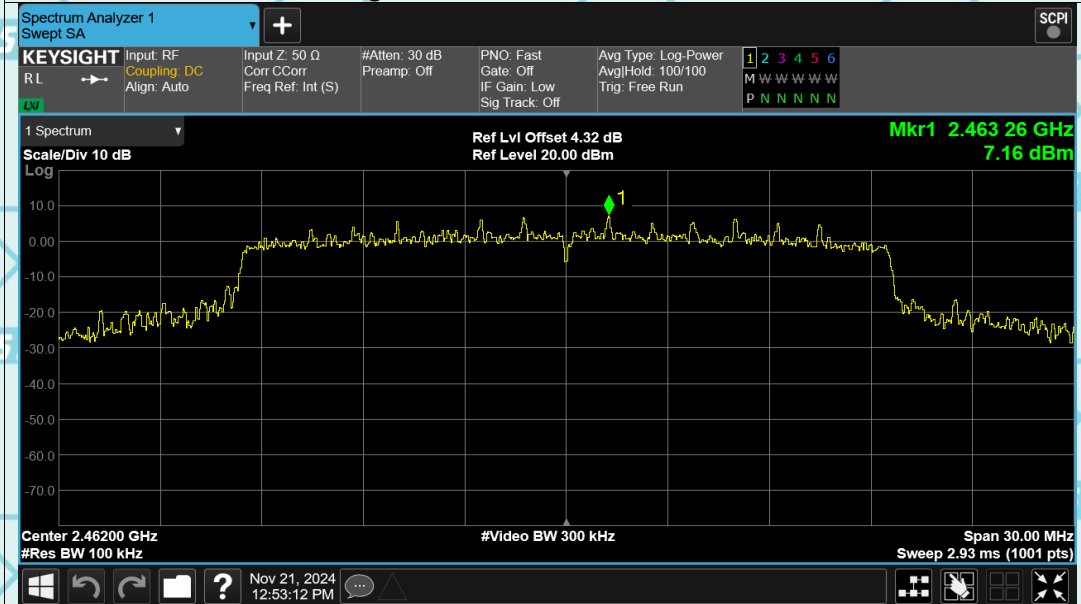


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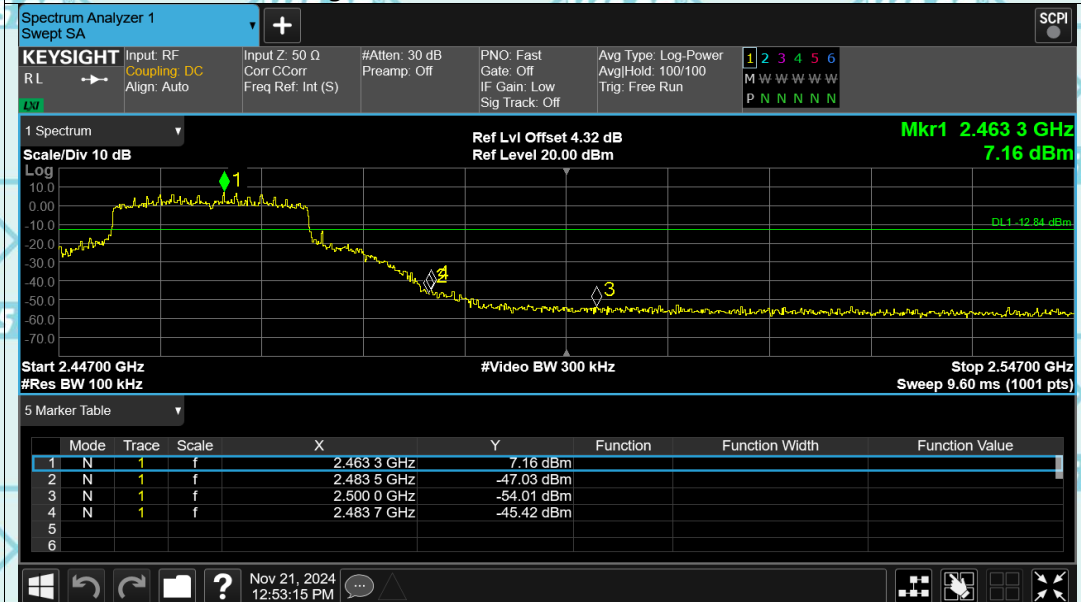


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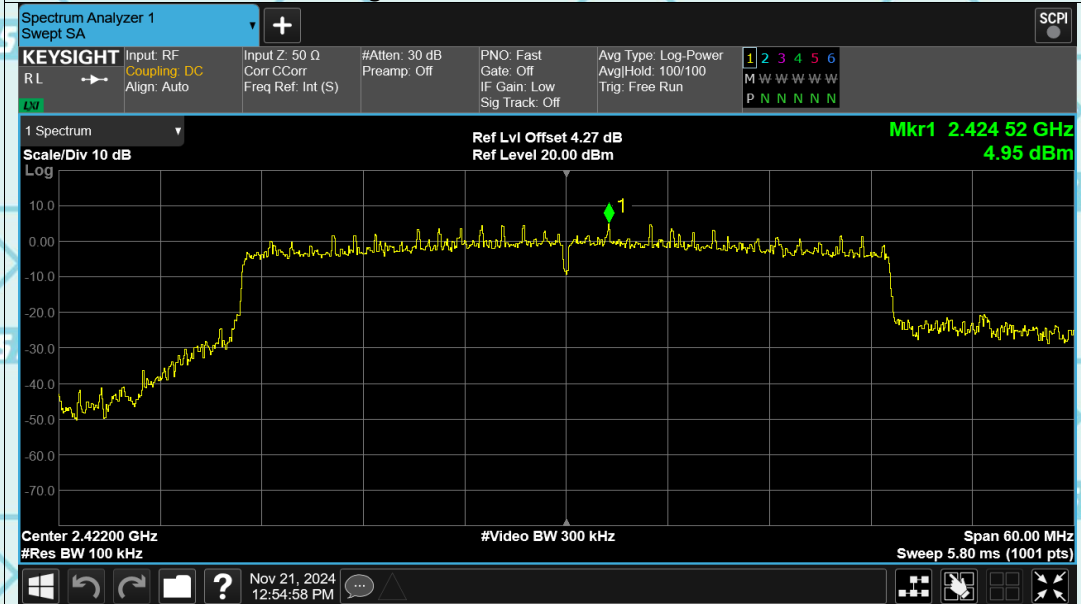


Band Edge NVNT ax20 2462MHz Ant1 Emission

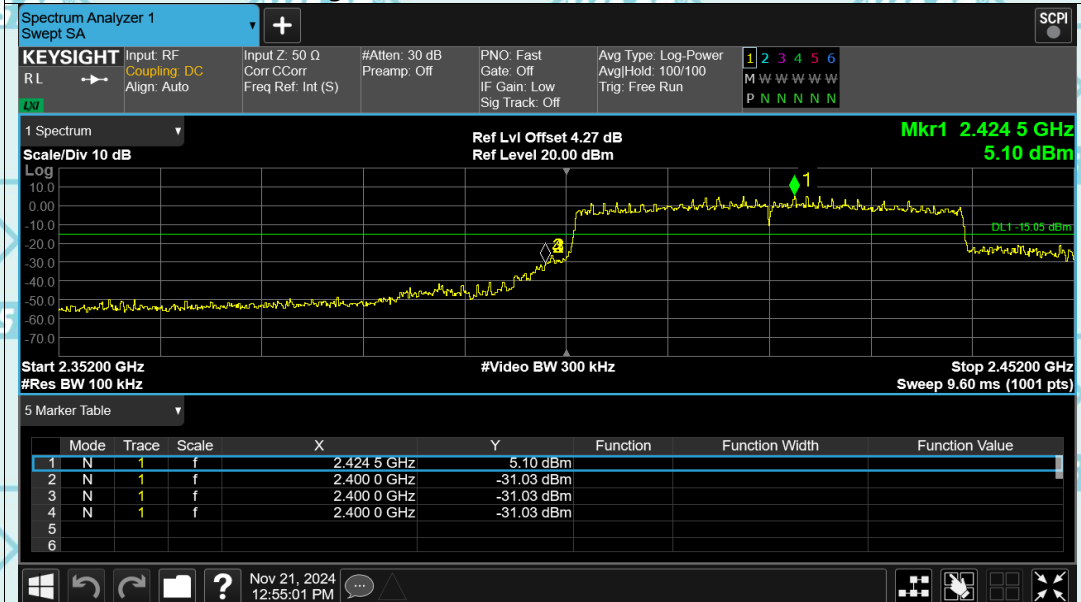


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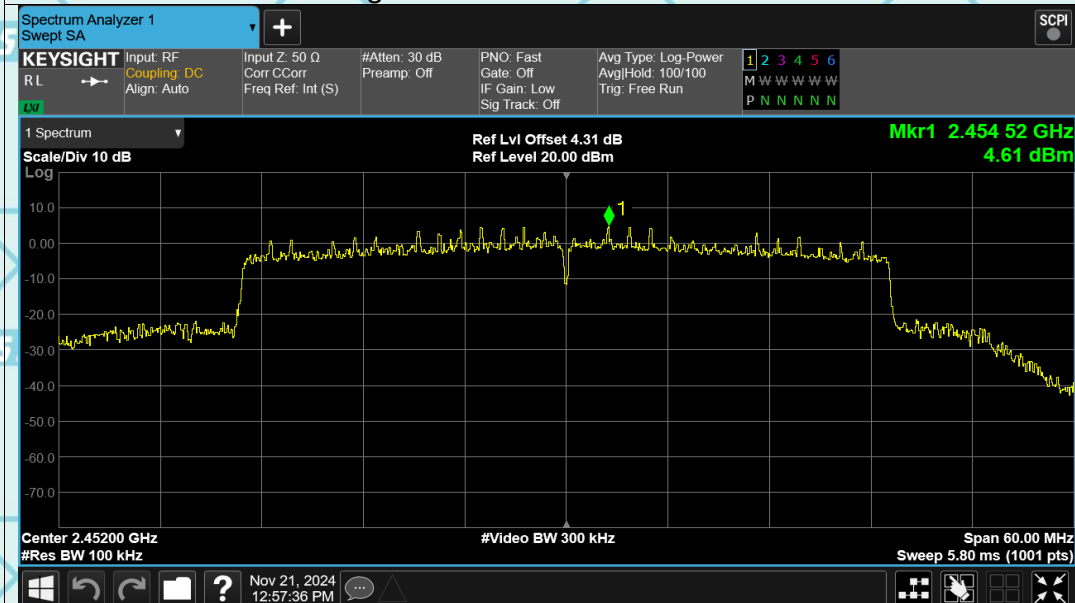


Band Edge NVNT ax40 2422MHz Ant1 Emission

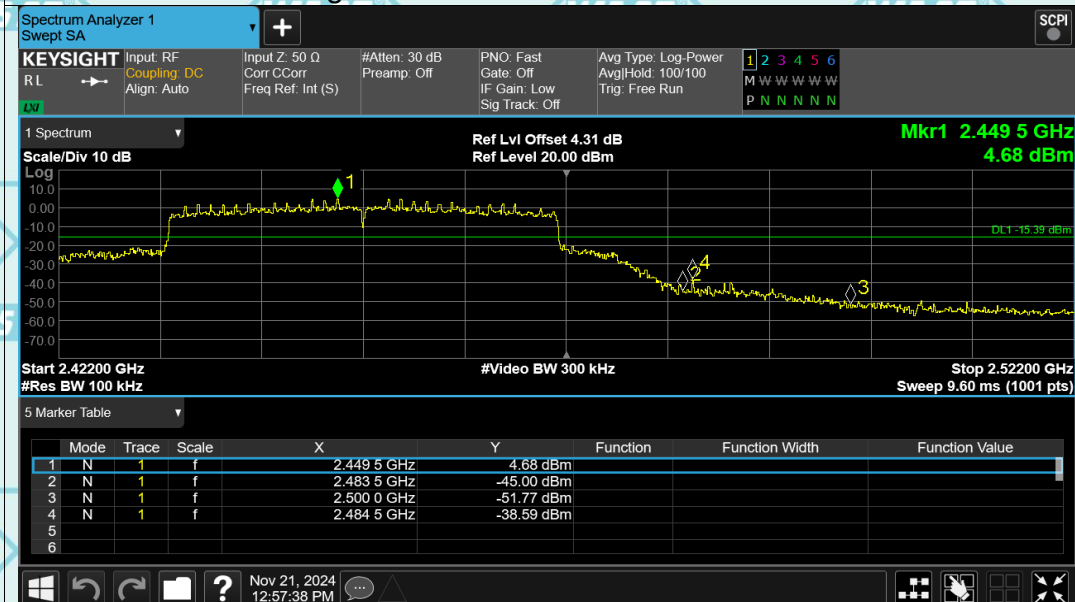


Report No.: WSCT-ANAB-R&E241100065A-Wi-Fi1

Band Edge NVNT ax40 2452MHz Ant1 Ref



Band Edge NVNT ax40 2452MHz Ant1 Emission

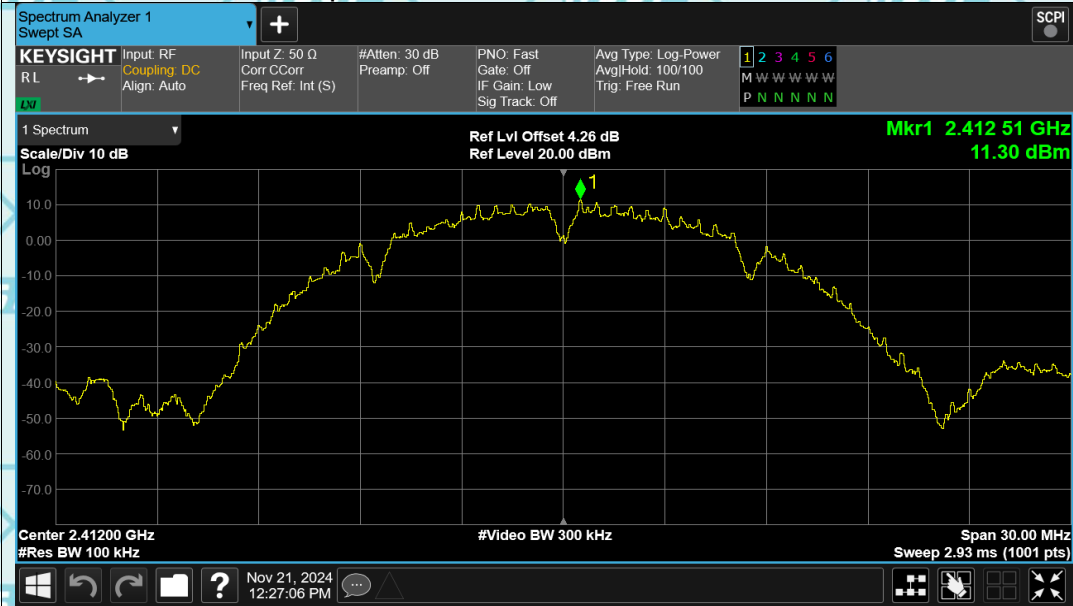


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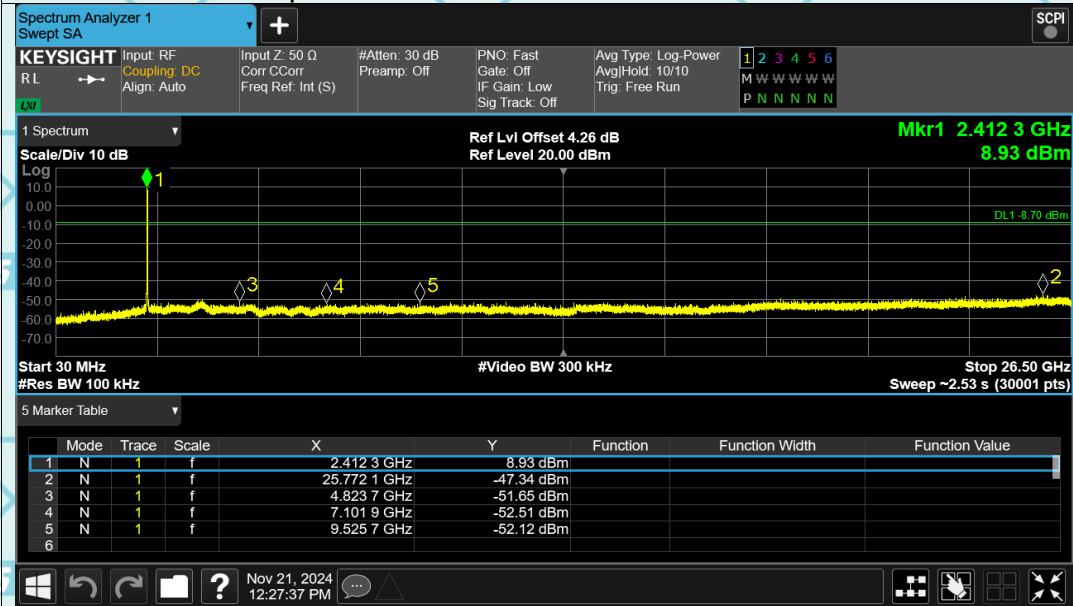
Conducted RF Spurious Emission

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref

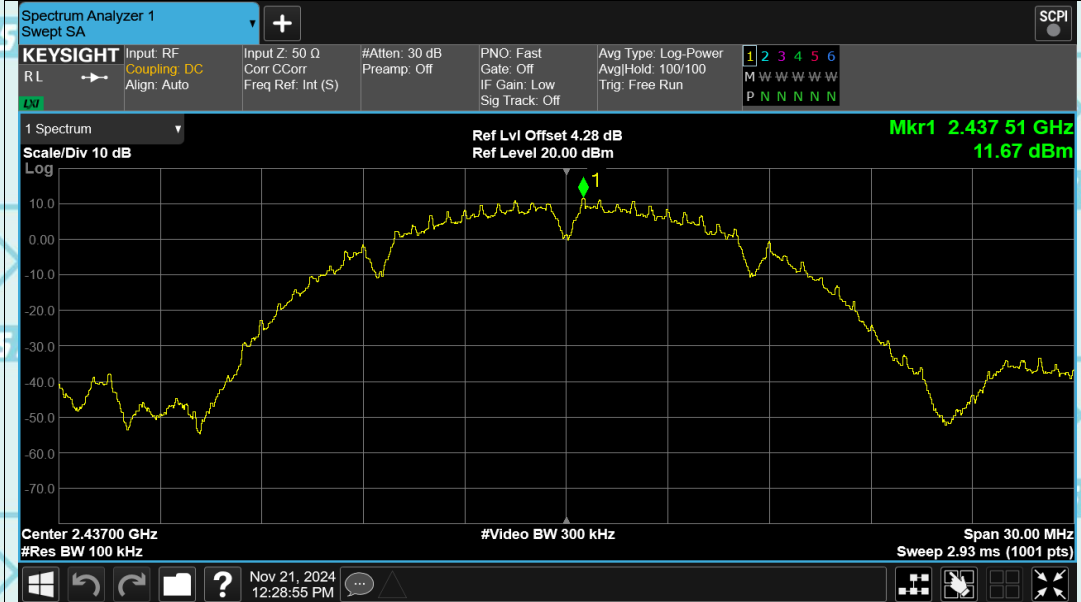


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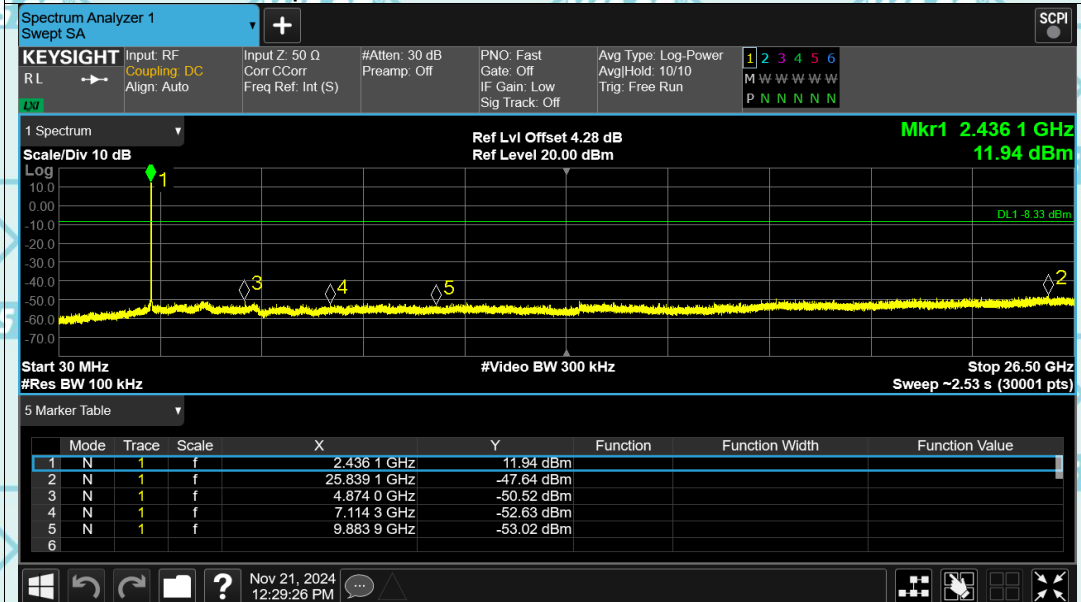


Report No.: WSCT-ANAB-R&E241100065A-Wi-Fi1

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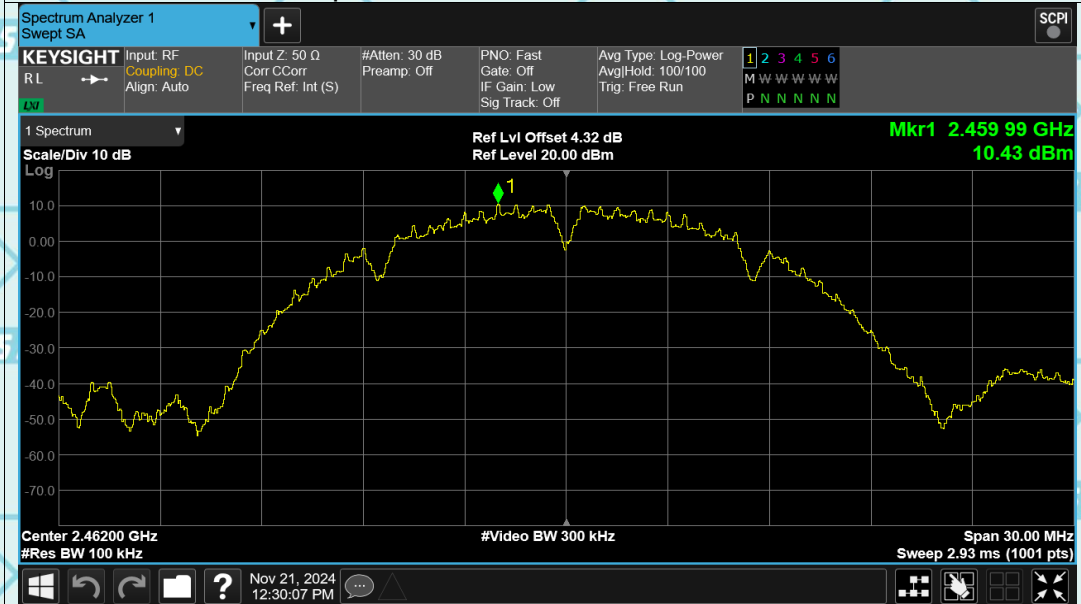


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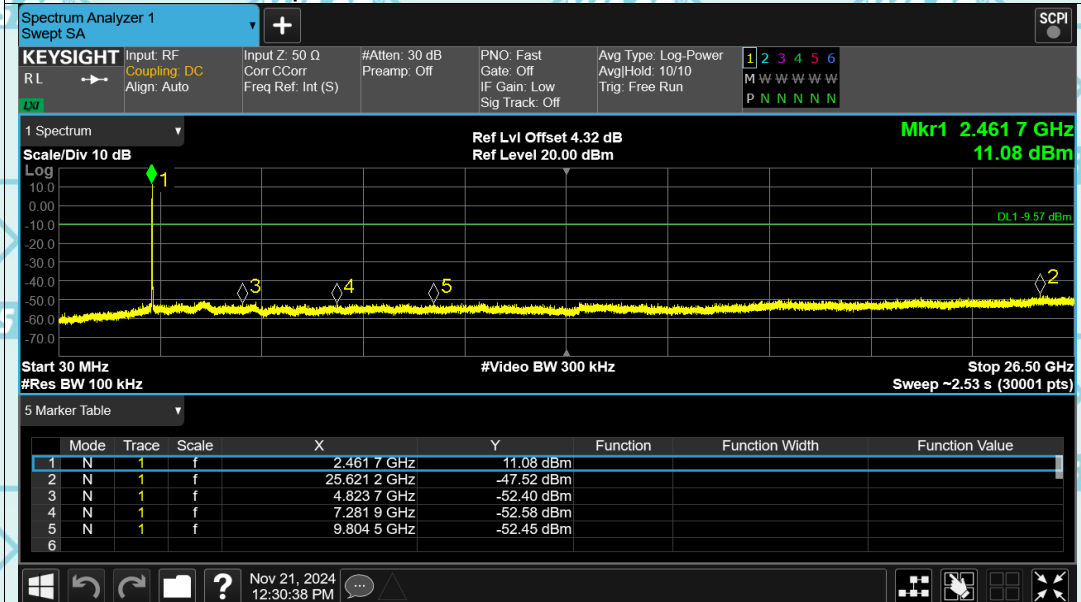


Report No.: WSCT-ANAB-R&E241100065A-Wi-Fi1

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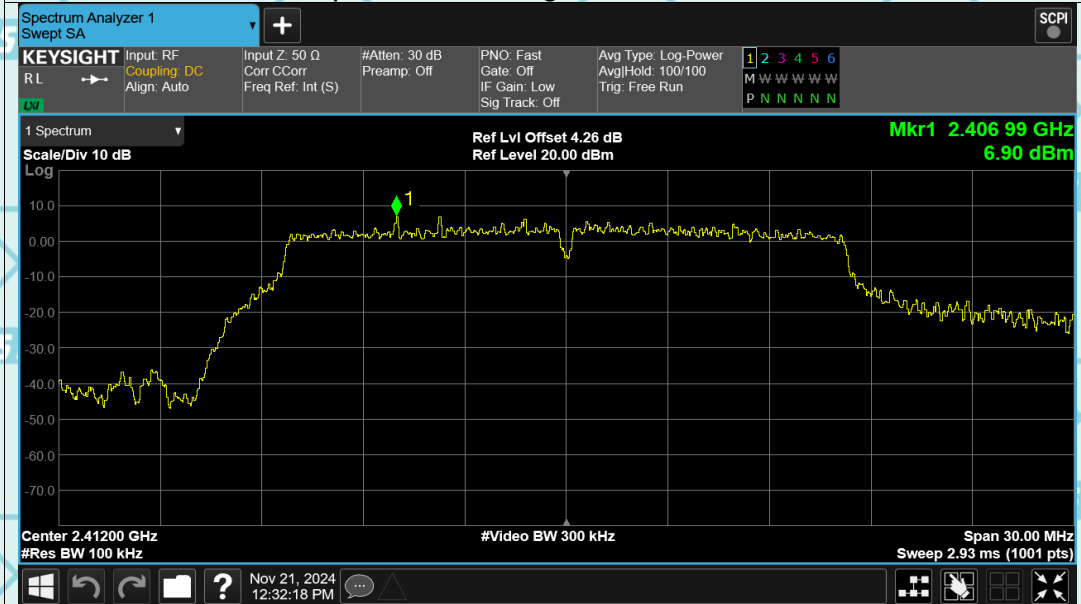


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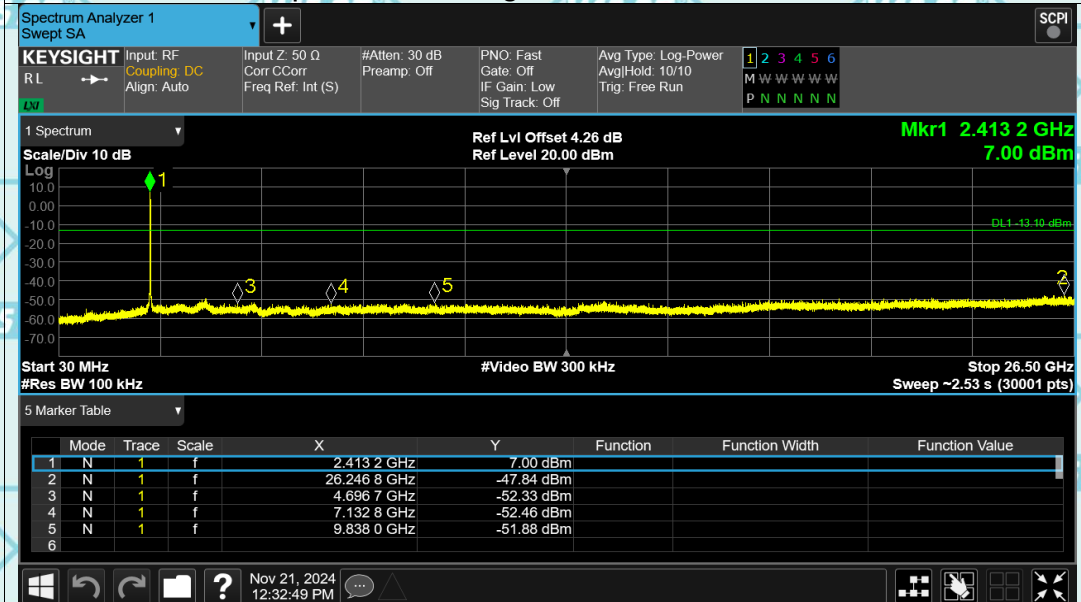


Report No.: WSCT-ANAB-R&E241100065A-Wi-Fi1

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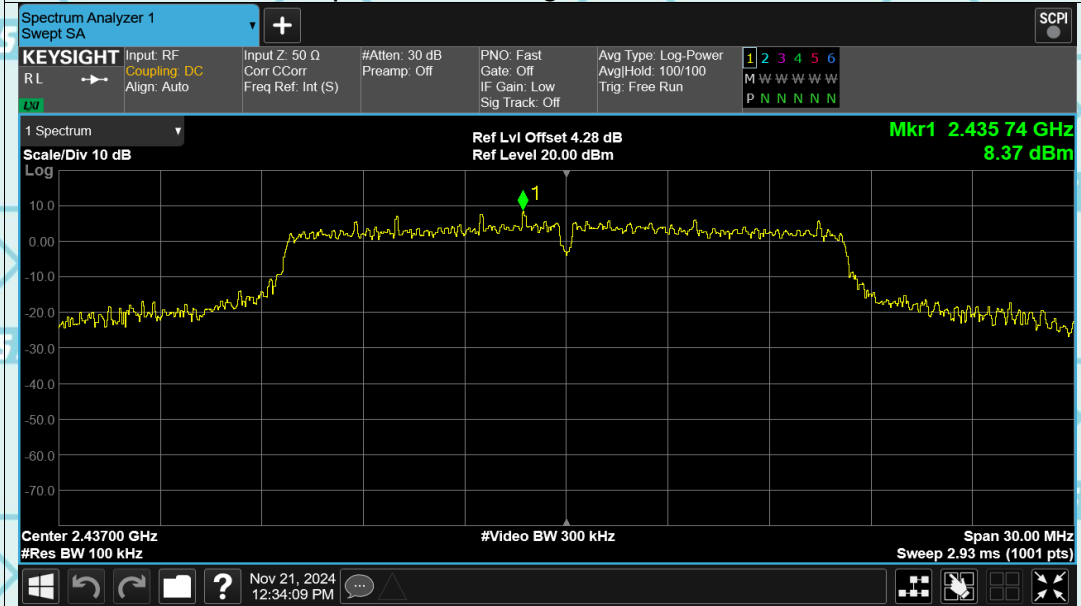


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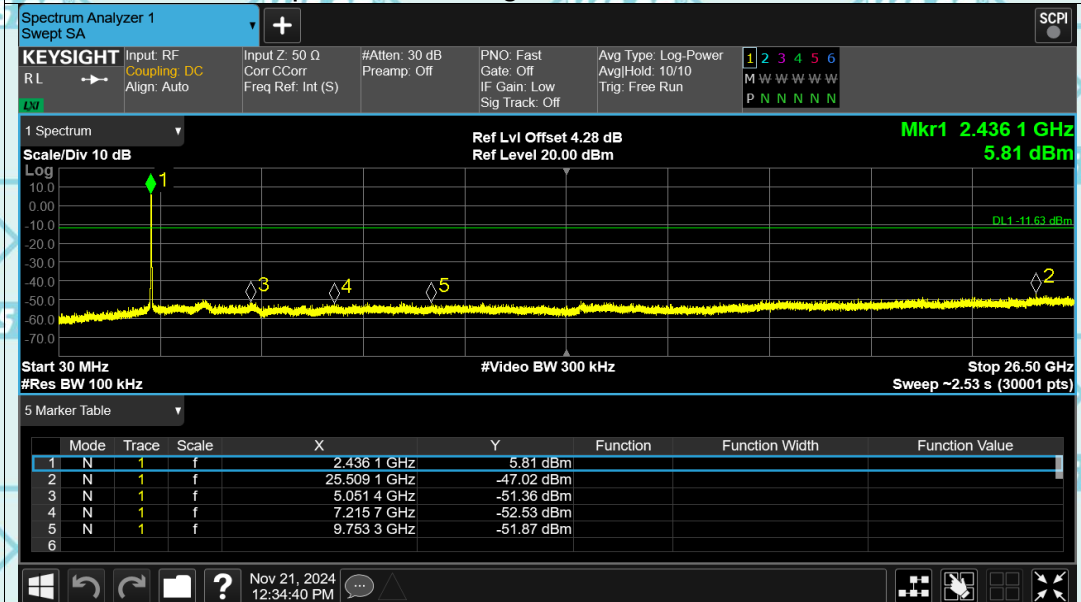


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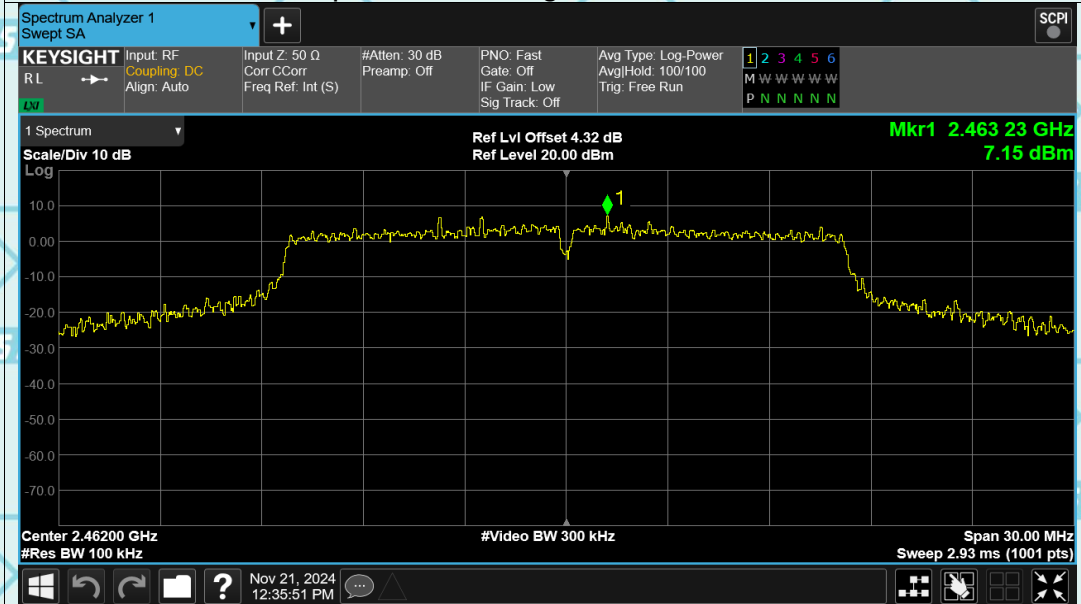


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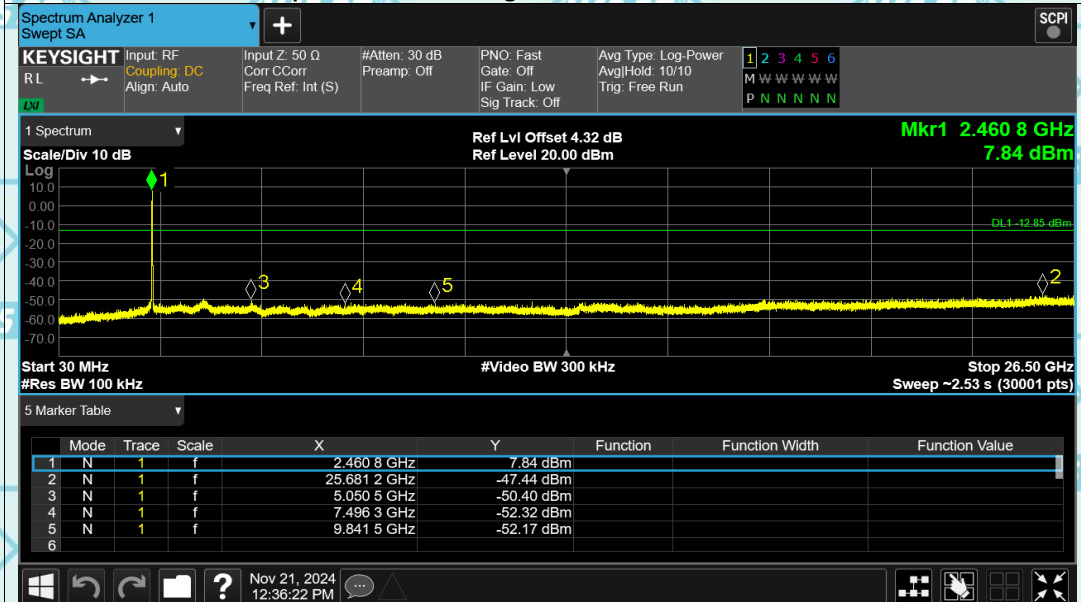


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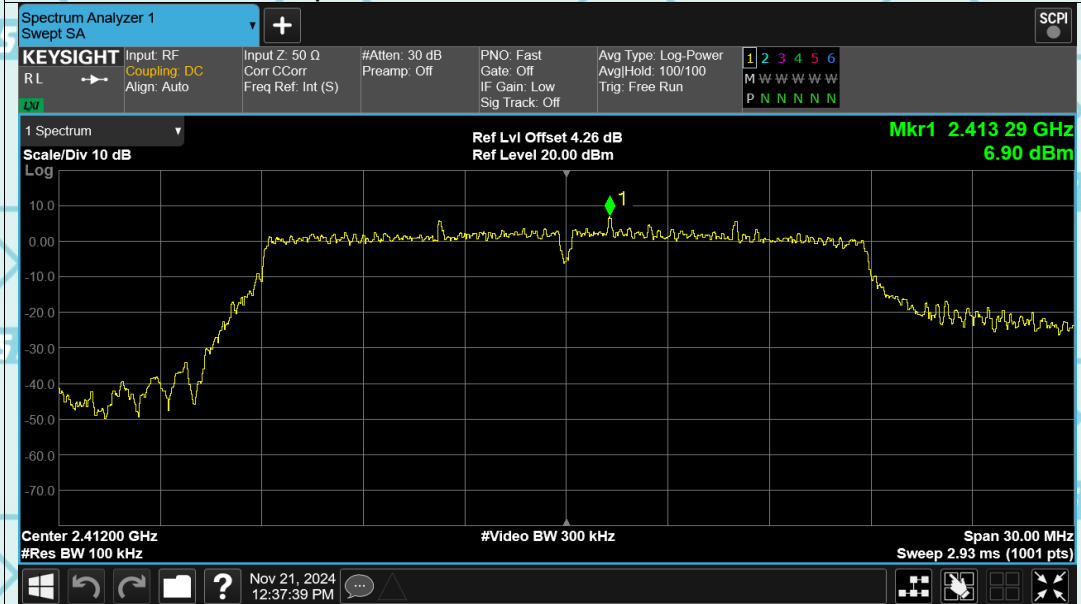


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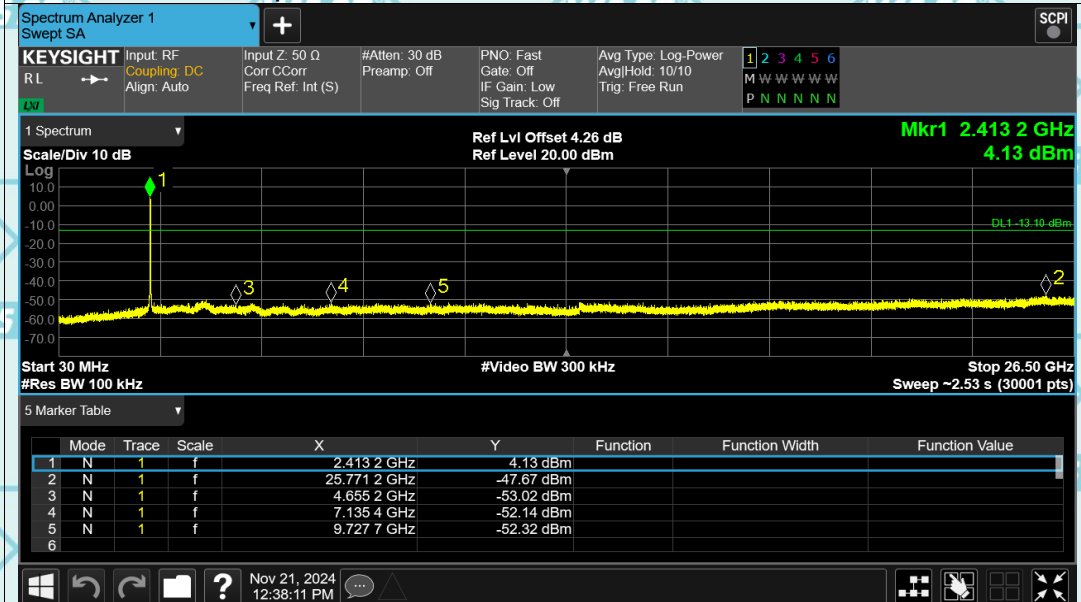


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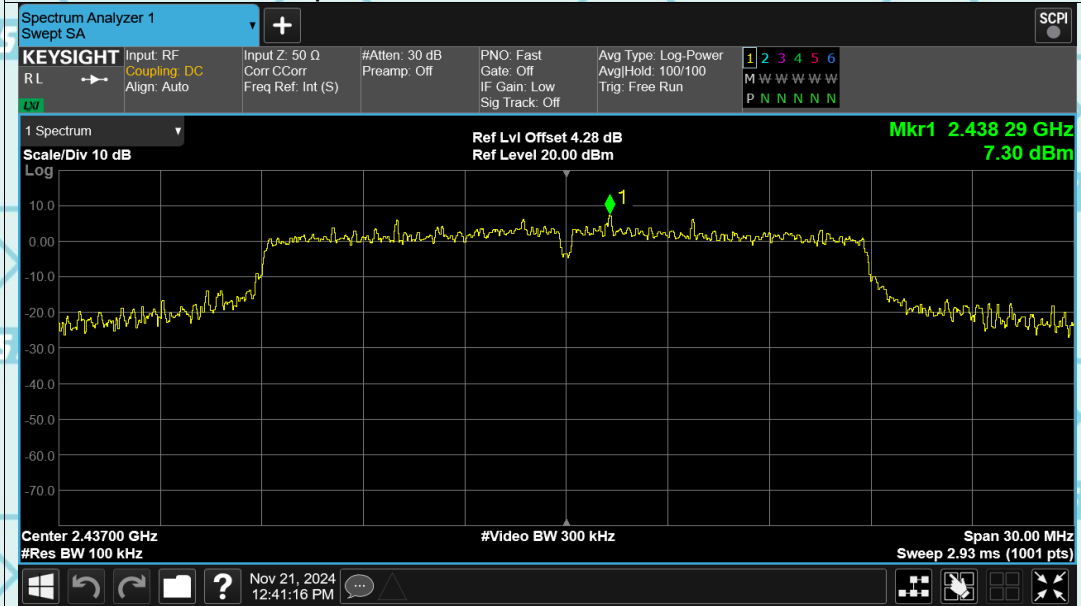


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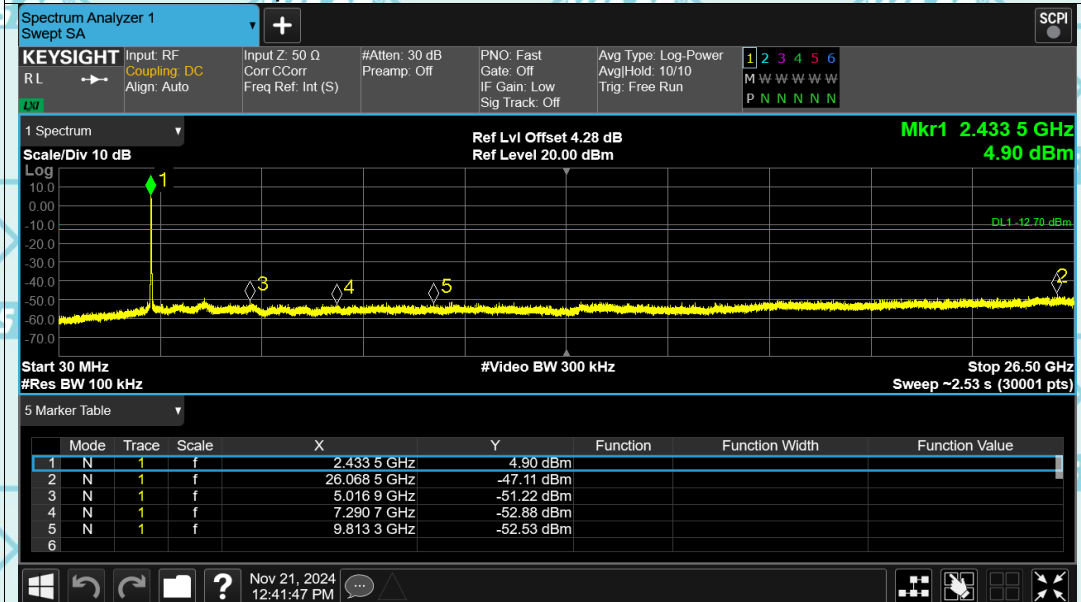


Report No.: WSCT-ANAB-R&E241100065A-Wi-Fi1

Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Tx. Spurious NVNT n20 2437MHz Ant1 Emission

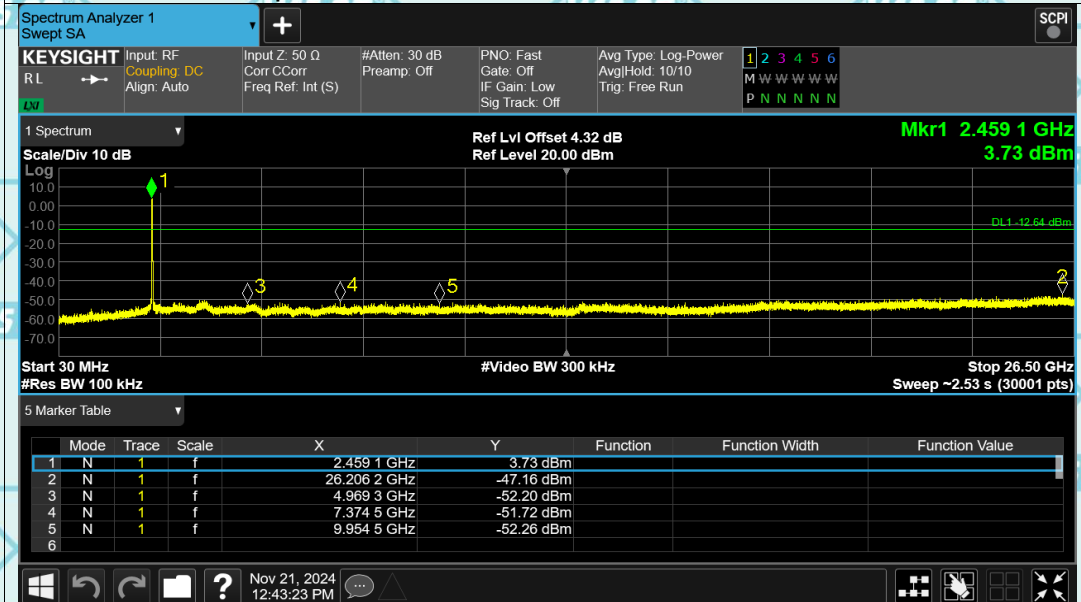


Report No.: WSCT-ANAB-R&E241100065A-Wi-Fi1

Tx. Spurious NVNT n20 2462MHz Ant1 Ref

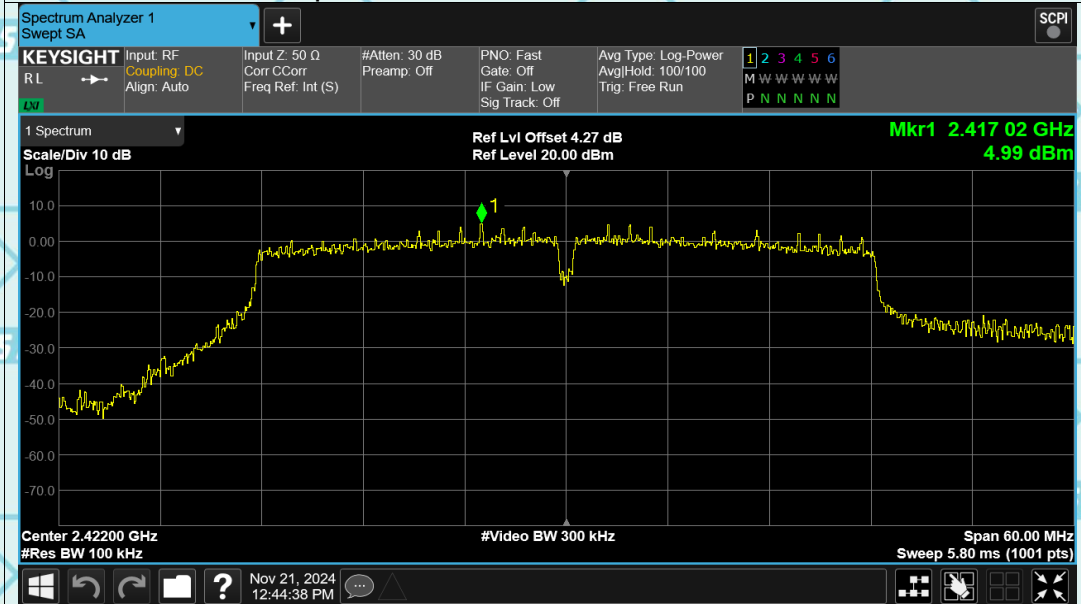


Tx. Spurious NVNT n20 2462MHz Ant1 Emission

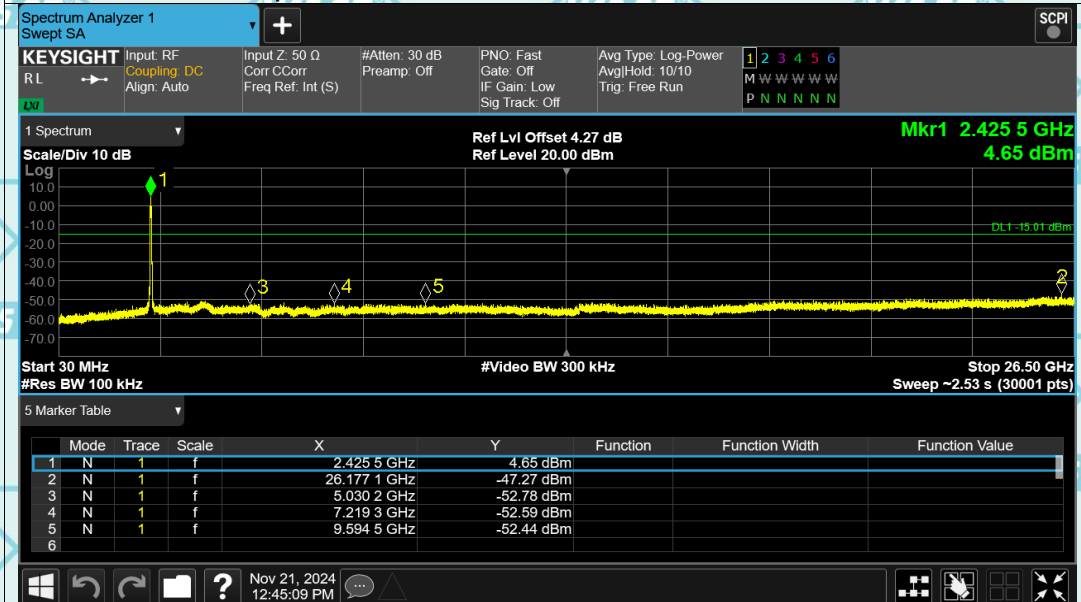


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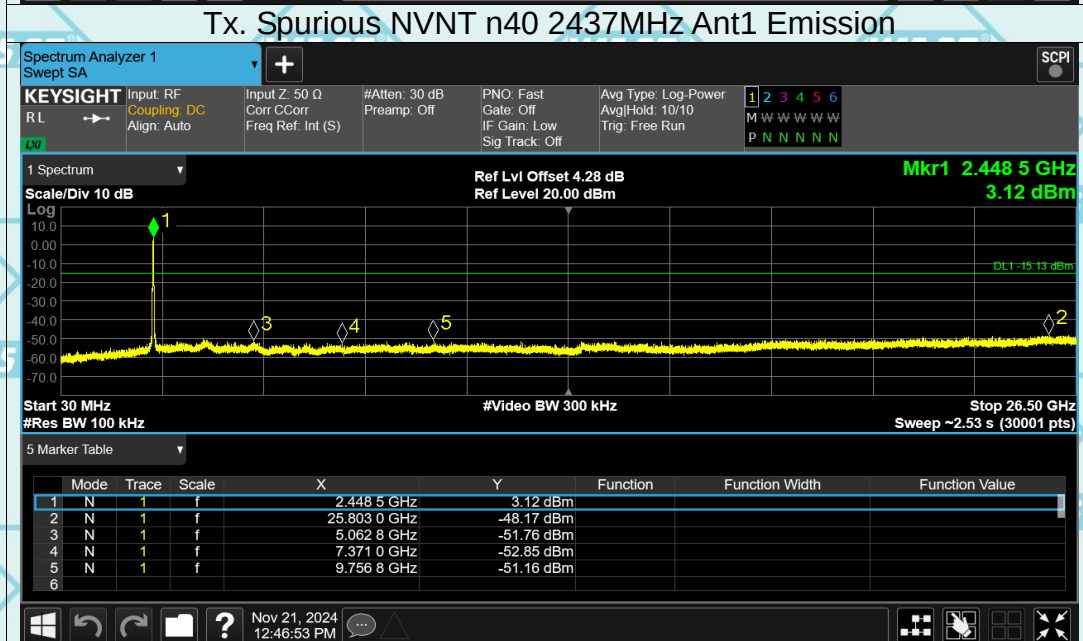
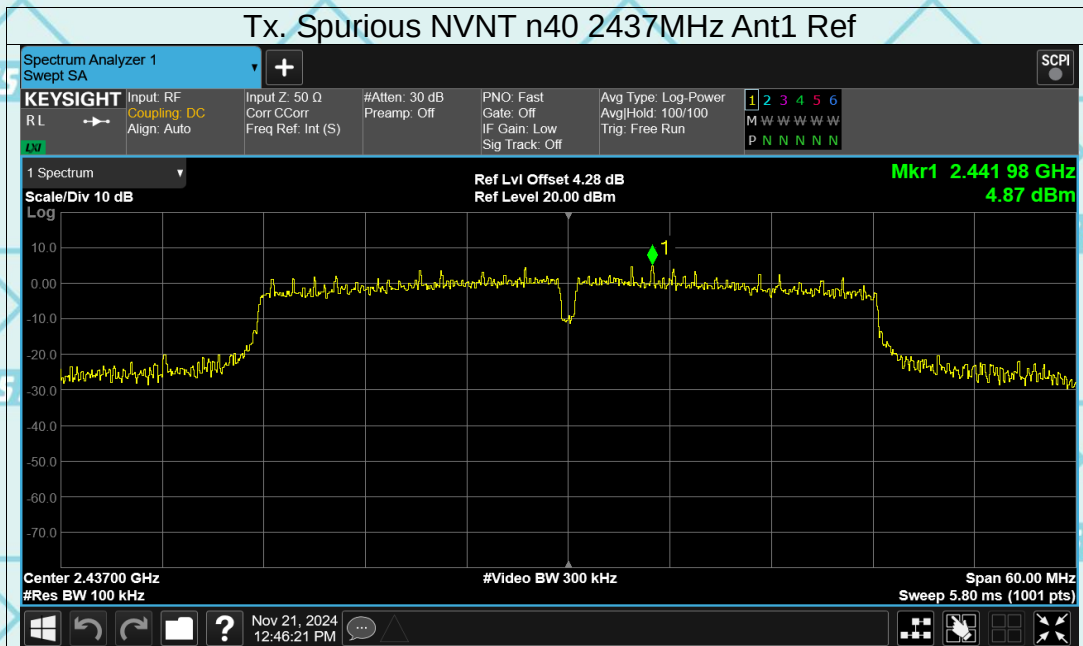
Tx. Spurious NVNT n40 2422MHz Ant1 Ref



Tx. Spurious NVNT n40 2422MHz Ant1 Emission

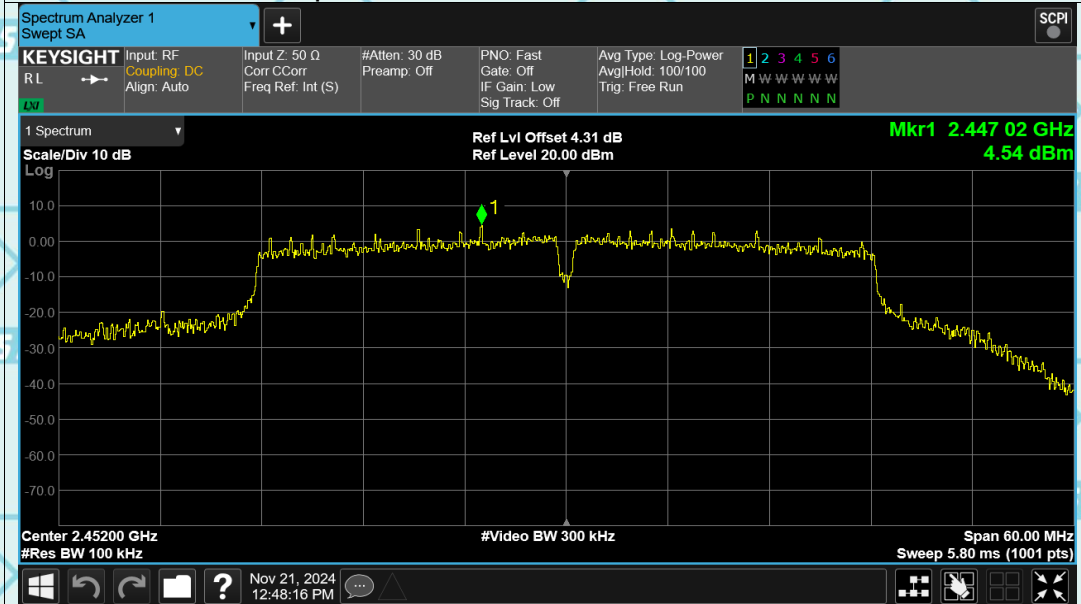


Report No.: WSCT-ANAB-R&E241100065A-Wi-Fi1



Report No.: WSCT-ANAB-R&E241100065A-Wi-Fi1

Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission

