

ANNEX 1 TEST DATA

FCC ID: 2BR3I-FS210PA

Applicant: Hunan Chuangke Photoelectric Co. LTD

Address: No.9 Factory Building, Electronic Information Manufacturing Base, No.199, Aviation Road, Wangcheng District, Changsha city, Hunan Province

Manufacturer: Hunan Chuangke Photoelectric Co. LTD

Address: No.9 Factory Building, Electronic Information Manufacturing Base, No.199, Aviation Road, Wangcheng District, Changsha city, Hunan Province

Product Name: Projector

Trade Mark: N/A

Model Number: FS210P-A
O1-A, O1Pro-A, O1Max-A

Date of Receipt: Aug. 13, 2025

Test Date: Aug. 13, 2025 - Sep. 01, 2025

Date of Report: Sep. 01, 2025

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

Address: 101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China

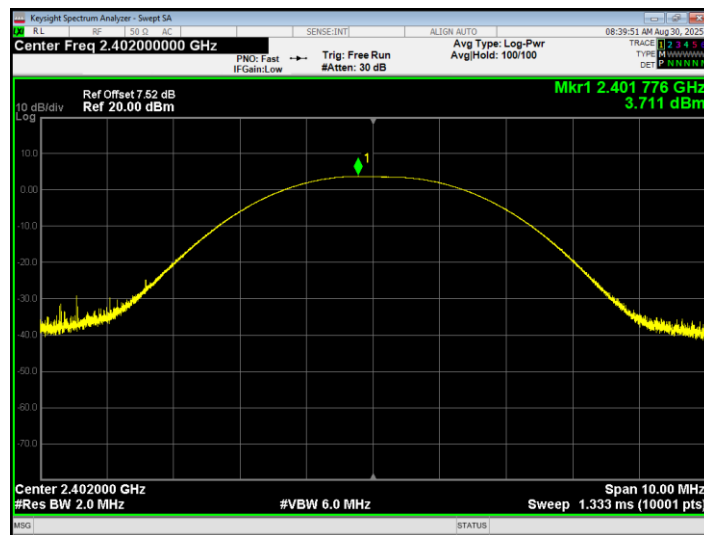
Applicable Standards: FCC PART 15 C 15.247
ANSI C63.10-2020

Test Result: Pass

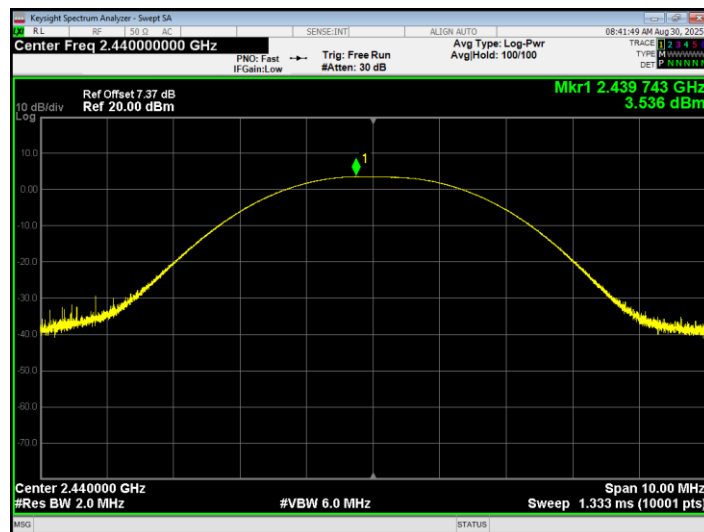
1. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	3.711	30	Pass
NVNT	BLE 1M	2440	Ant1	3.536	30	Pass
NVNT	BLE 1M	2480	Ant1	1.654	30	Pass
NVNT	BLE 2M	2402	Ant1	3.873	30	Pass
NVNT	BLE 2M	2440	Ant1	3.751	30	Pass
NVNT	BLE 2M	2480	Ant1	1.834	30	Pass

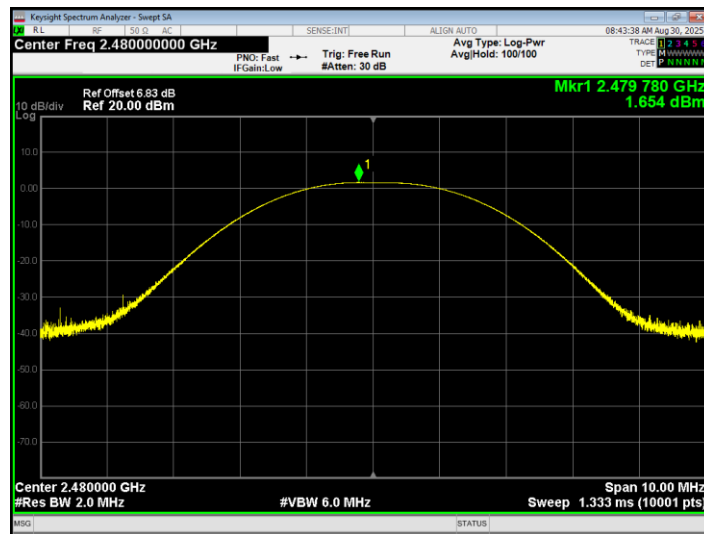
Power NVNT BLE 1M 2402MHz Ant1



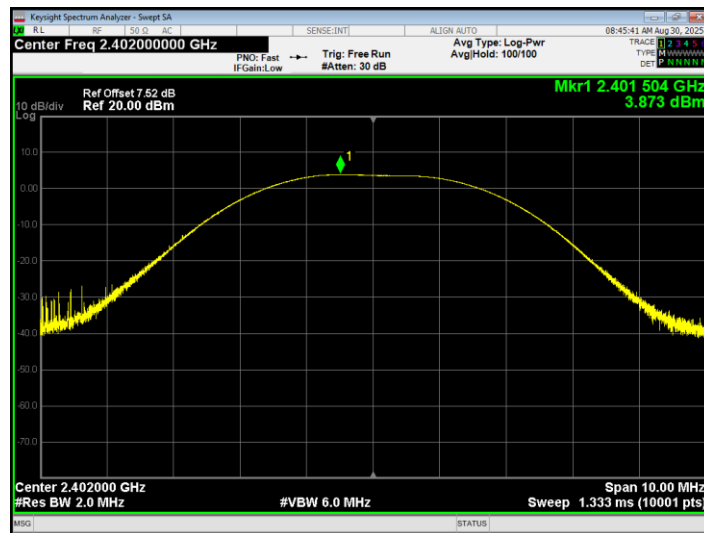
Power NVNT BLE 1M 2440MHz Ant1



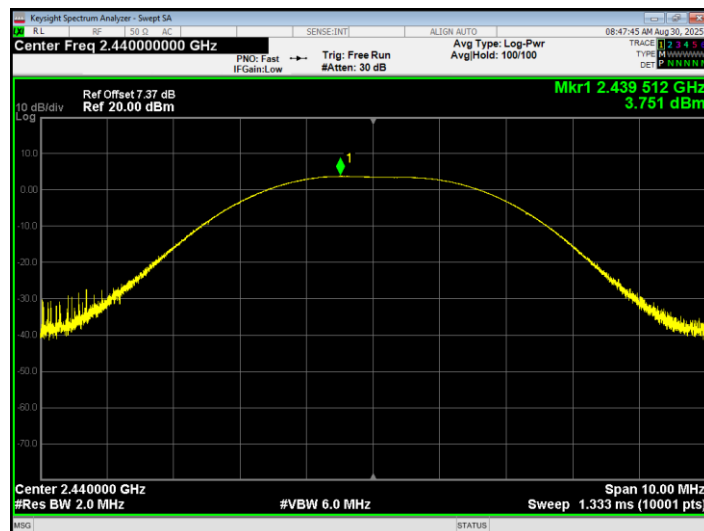
Power NVNT BLE 1M 2480MHz Ant1



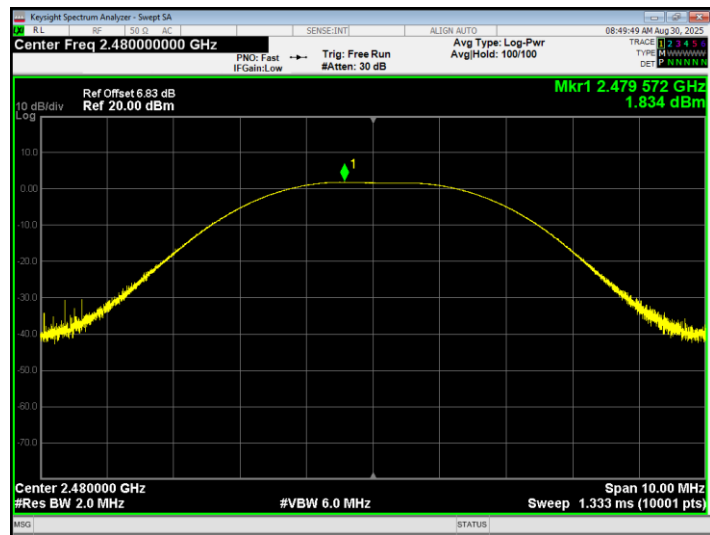
Power NVNT BLE 2M 2402MHz Ant1



Power NVNT BLE 2M 2440MHz Ant1



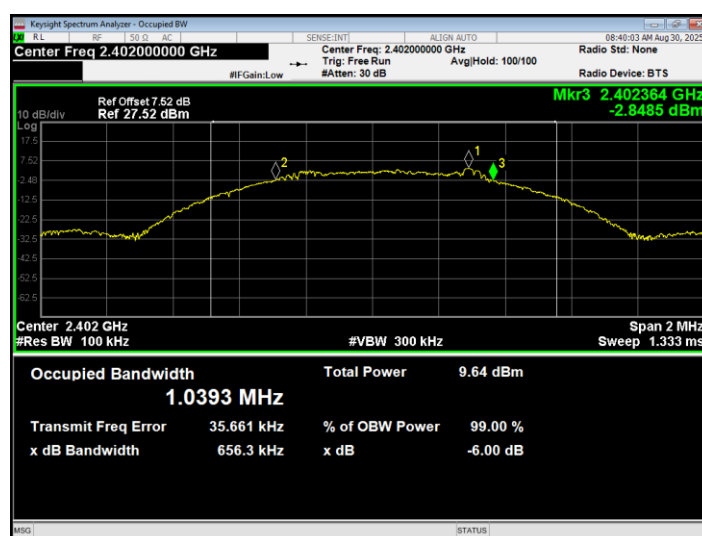
Power NVNT BLE 2M 2480MHz Ant1



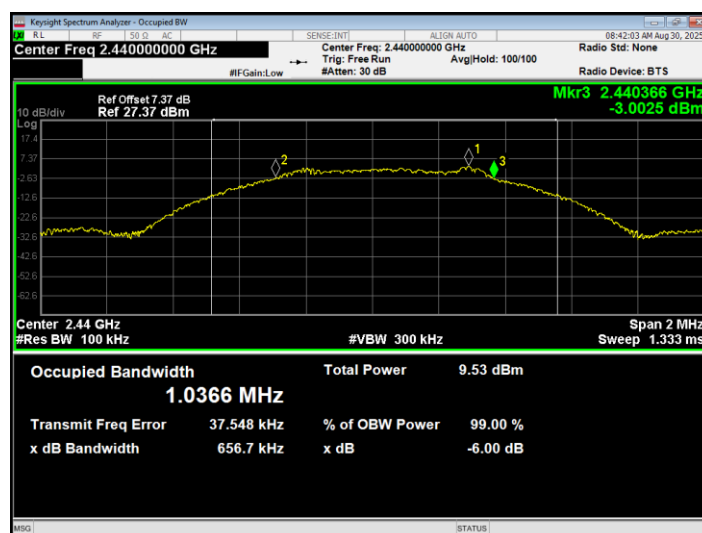
2. -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.656	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.657	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.657	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.119	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.208	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.117	0.5	Pass

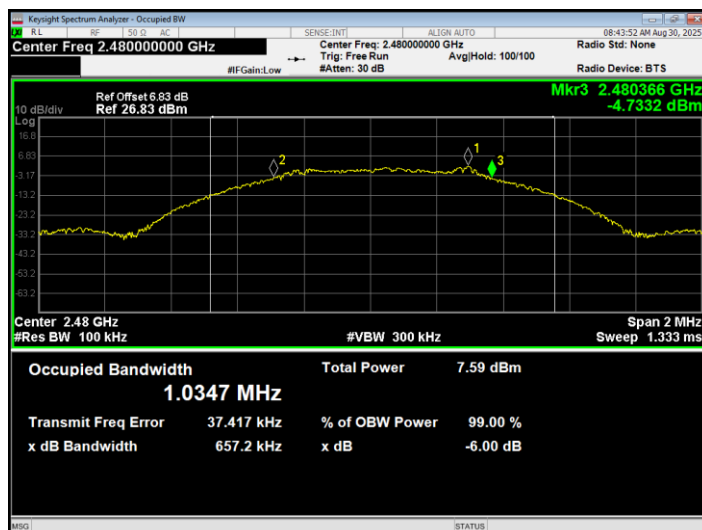
-6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



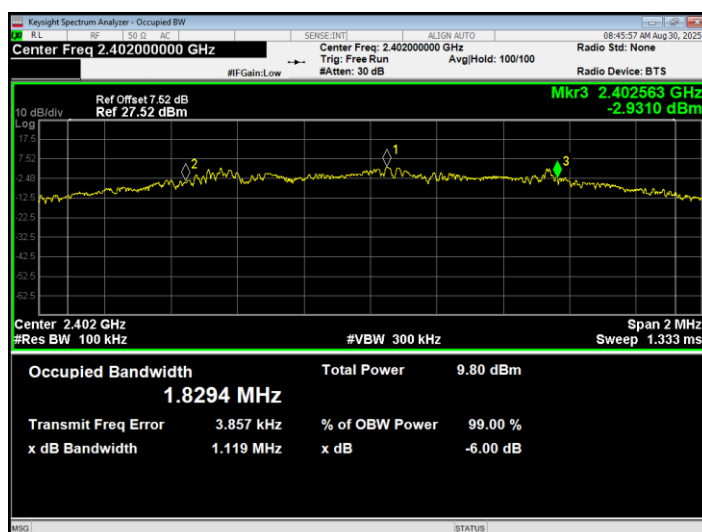
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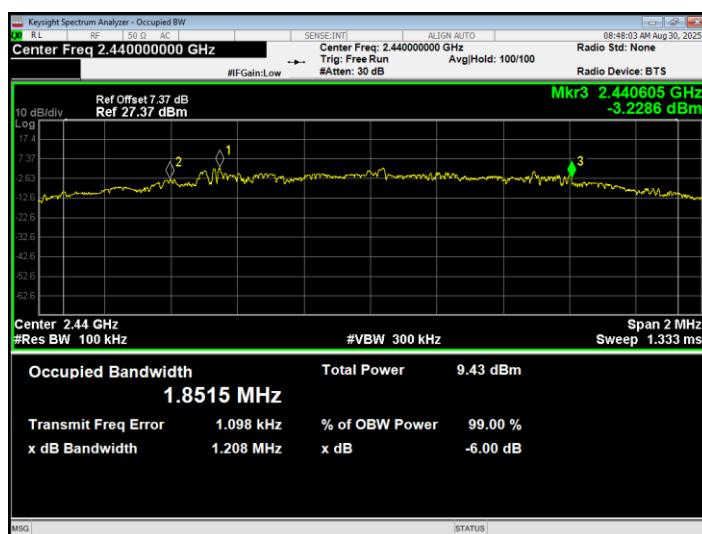
-6dB Bandwidth NVNT BLE 1M 2480MHz Ant1



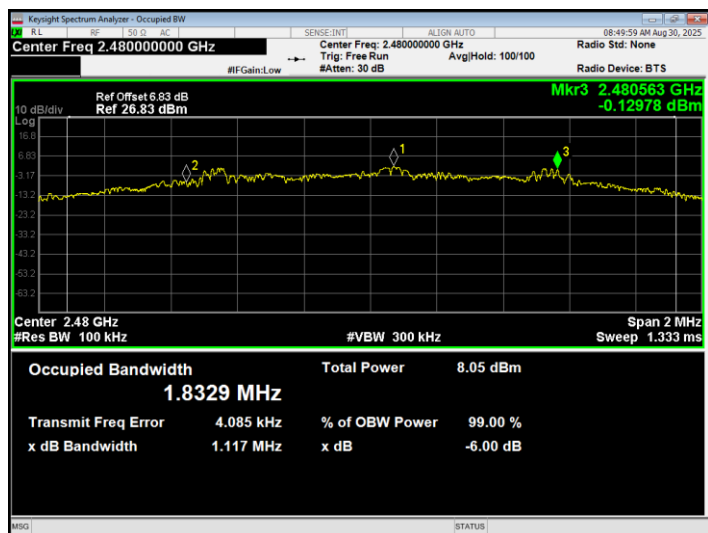
-6dB Bandwidth NVNT BLE 2M 2402MHz Ant1



-6dB Bandwidth NVNT BLE 2M 2440MHz Ant1



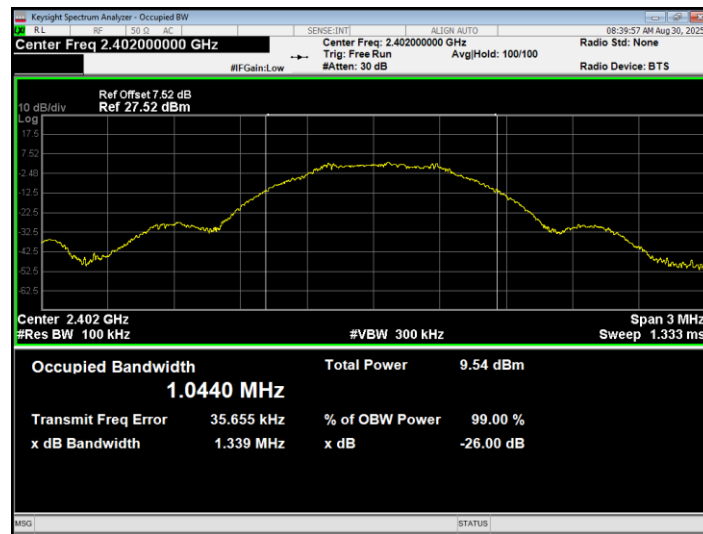
-6dB Bandwidth NVNT BLE 2M 2480MHz Ant1



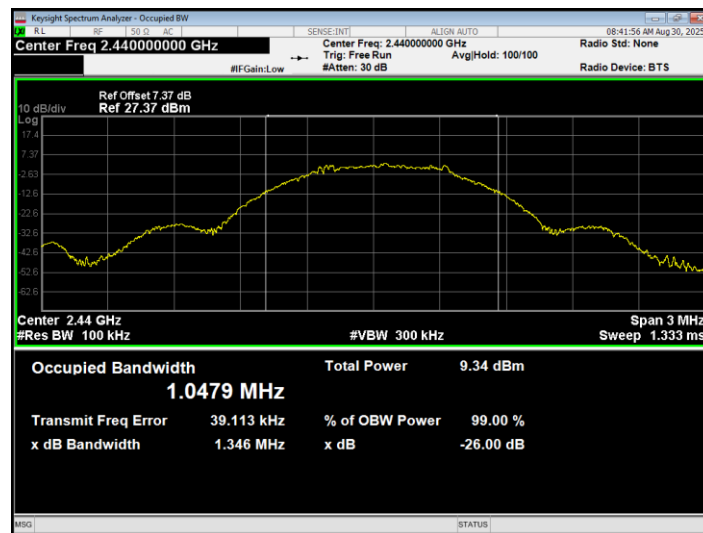
3. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.043968875
NVNT	BLE 1M	2440	Ant1	1.047886675
NVNT	BLE 1M	2480	Ant1	1.041900417
NVNT	BLE 2M	2402	Ant1	2.041707714
NVNT	BLE 2M	2440	Ant1	2.050036059
NVNT	BLE 2M	2480	Ant1	2.0415915

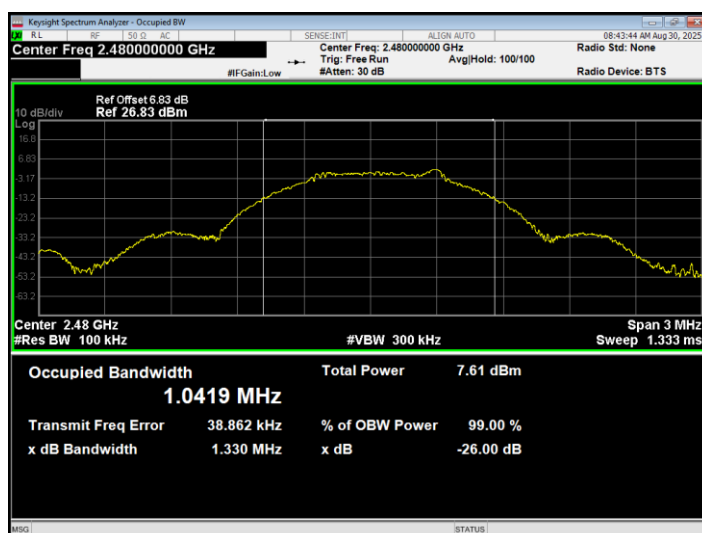
OBW NVNT BLE 1M 2402MHz Ant1



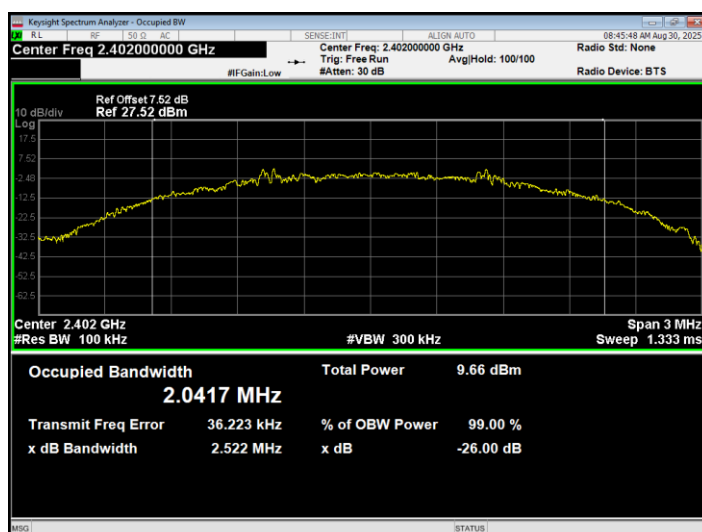
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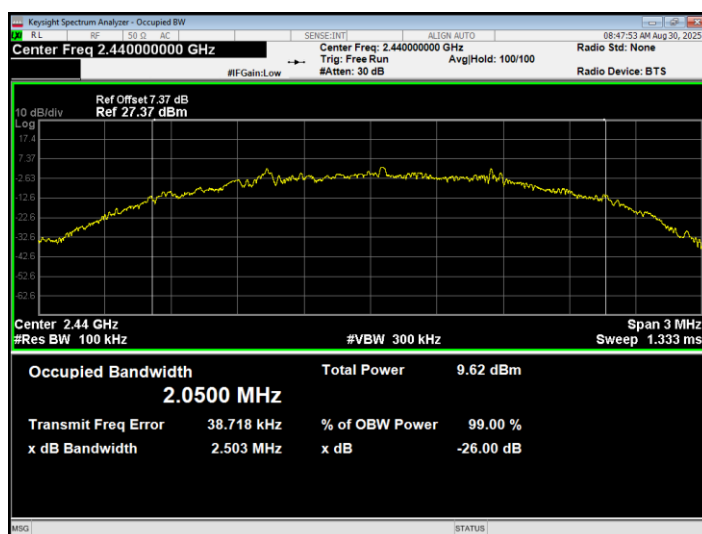
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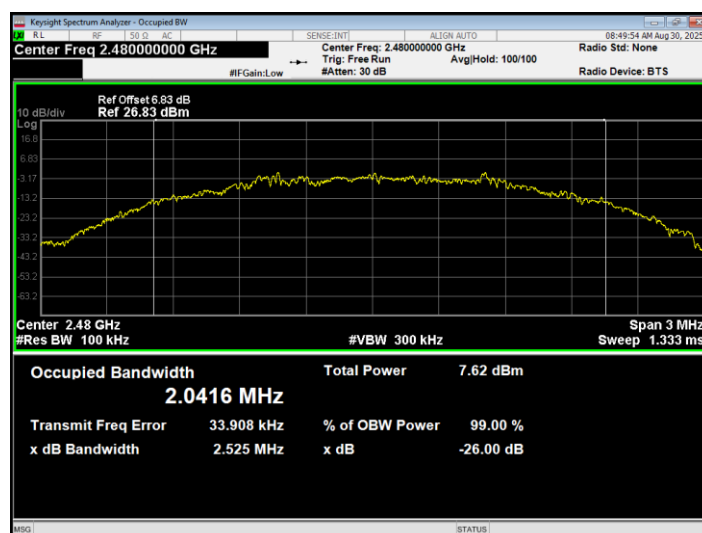
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OBW NVNT BLE 2M 2440MHz Ant1



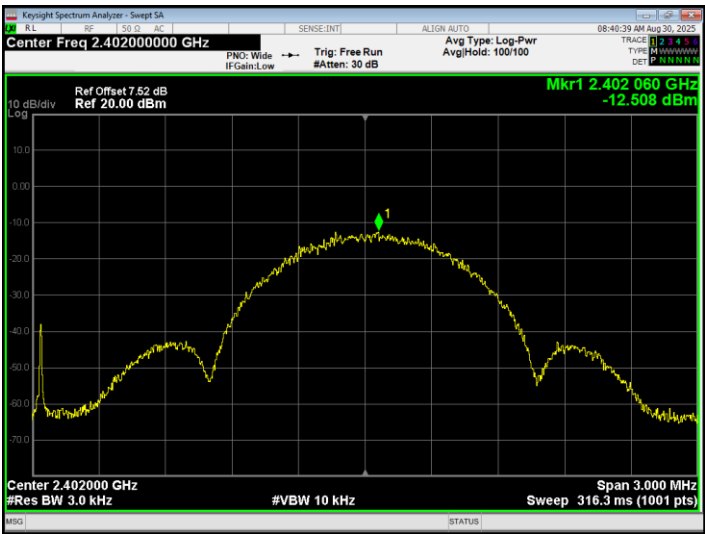
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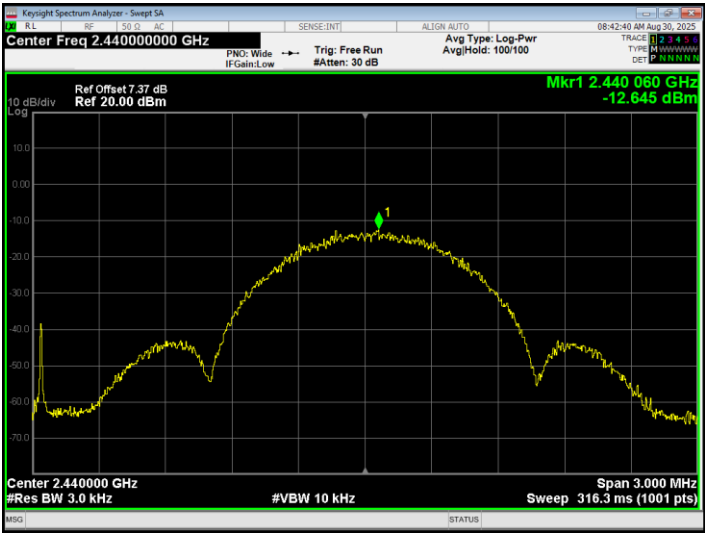
4. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-12.508	8	Pass
NVNT	BLE 1M	2440	Ant1	-12.645	8	Pass
NVNT	BLE 1M	2480	Ant1	-14.607	8	Pass
NVNT	BLE 2M	2402	Ant1	-14.553	8	Pass
NVNT	BLE 2M	2440	Ant1	-14.747	8	Pass
NVNT	BLE 2M	2480	Ant1	-16.462	8	Pass

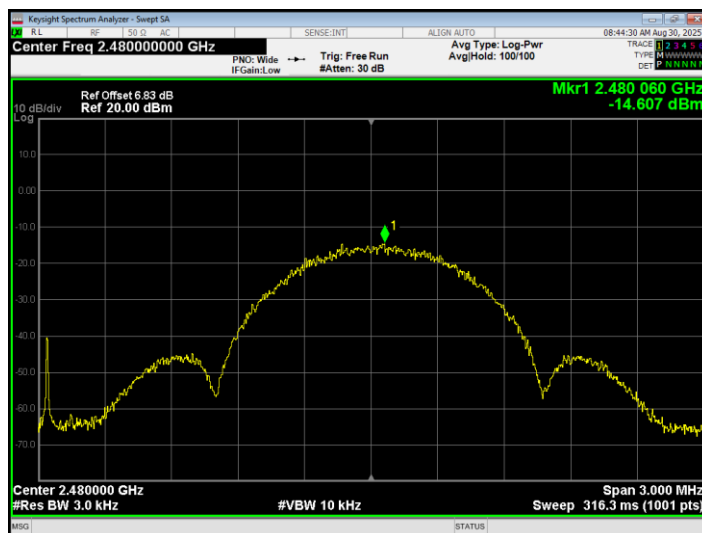
PSD NVNT BLE 1M 2402MHz Ant1



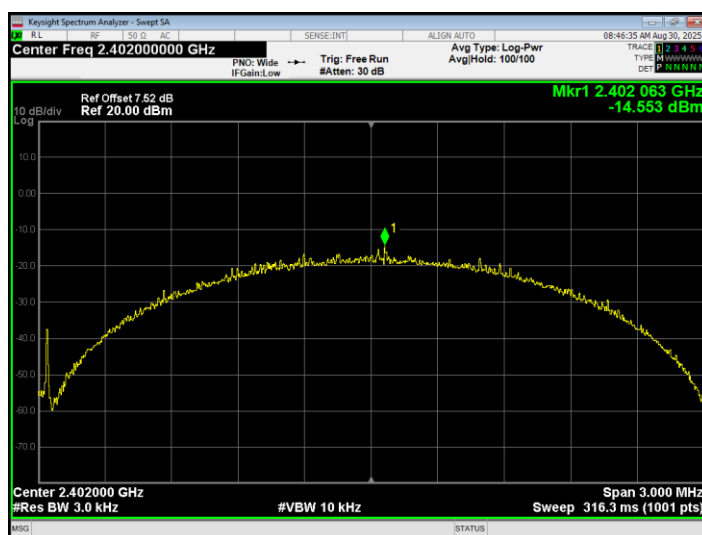
PSD NVNT BLE 1M 2440MHz Ant1



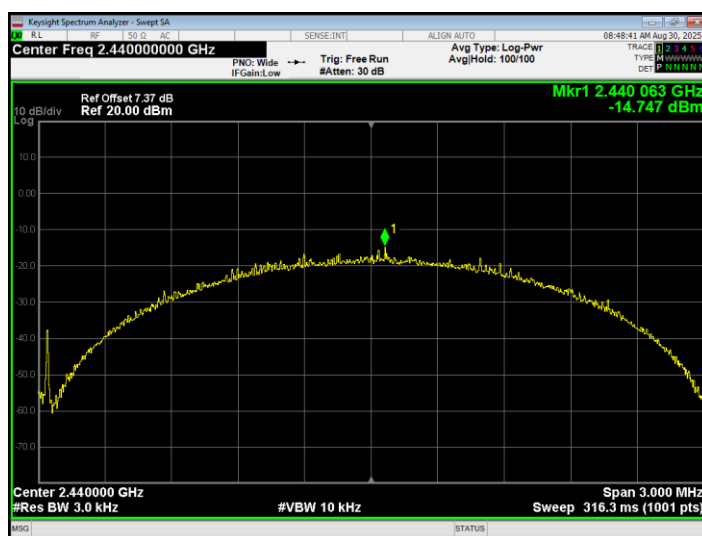
PSD NVNT BLE 1M 2480MHz Ant1



PSD NVNT BLE 2M 2402MHz Ant1



PSD NVNT BLE 2M 2440MHz Ant1



PSD NVNT BLE 2M 2480MHz Ant1



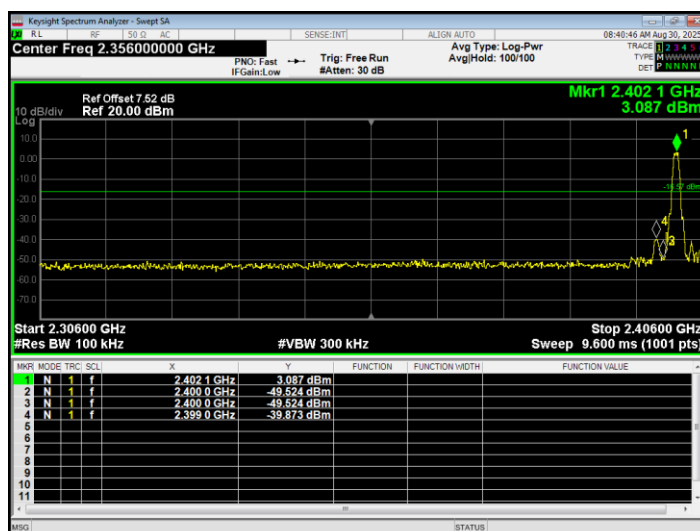
5. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-43.3	-20	Pass
NVNT	BLE 1M	2480	Ant1	-45.95	-20	Pass
NVNT	BLE 2M	2402	Ant1	-31.65	-20	Pass
NVNT	BLE 2M	2480	Ant1	-48.11	-20	Pass

Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



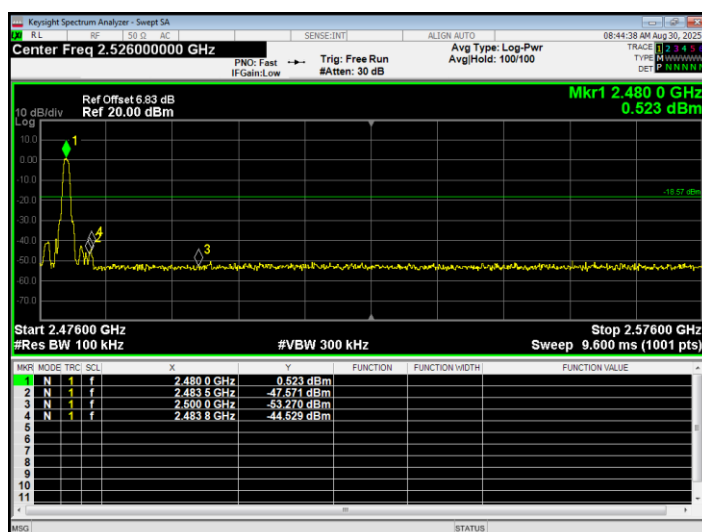
Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



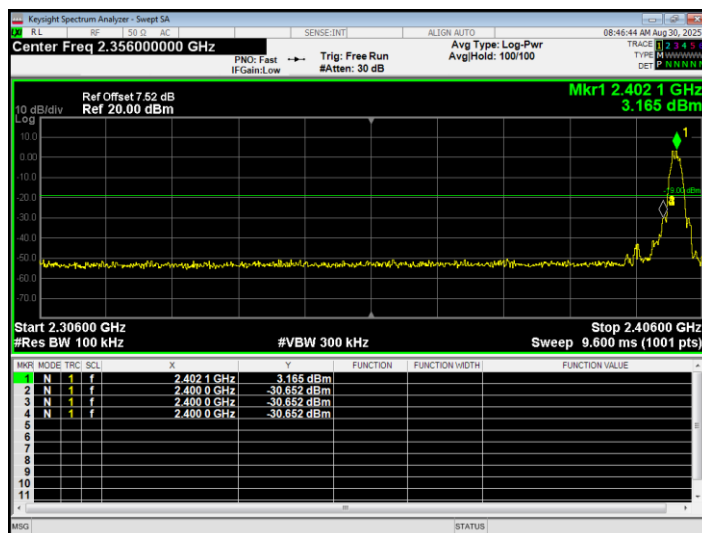
Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



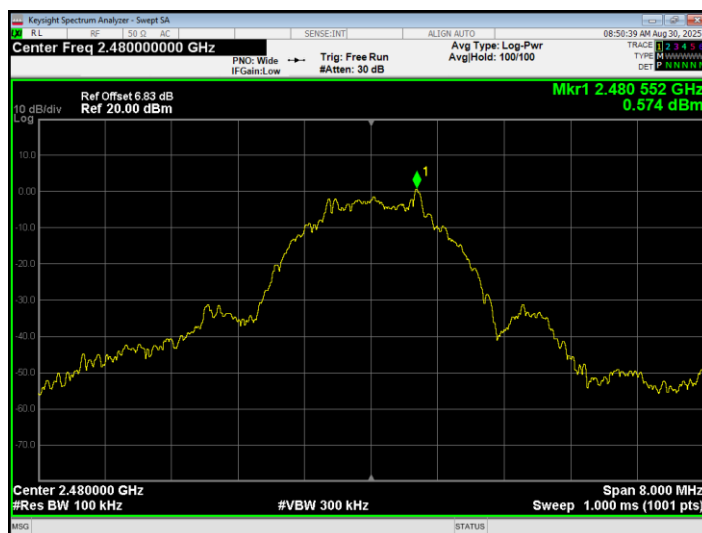
Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



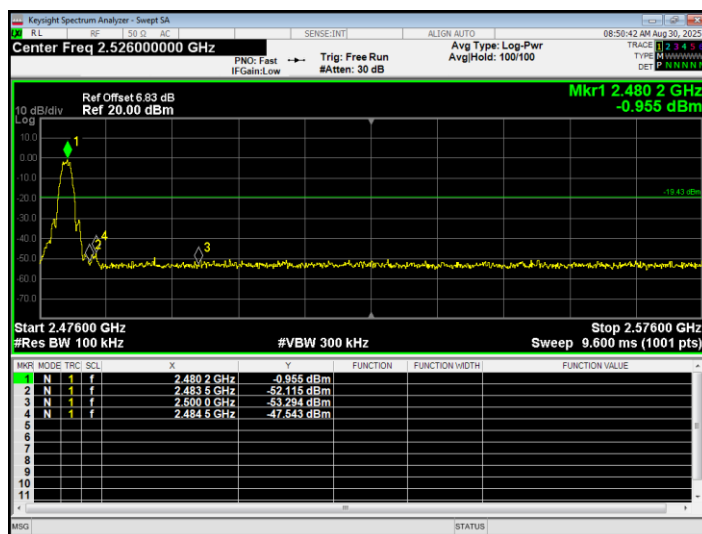
Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



Band Edge NVNT BLE 2M 2480MHz Ant1 Ref



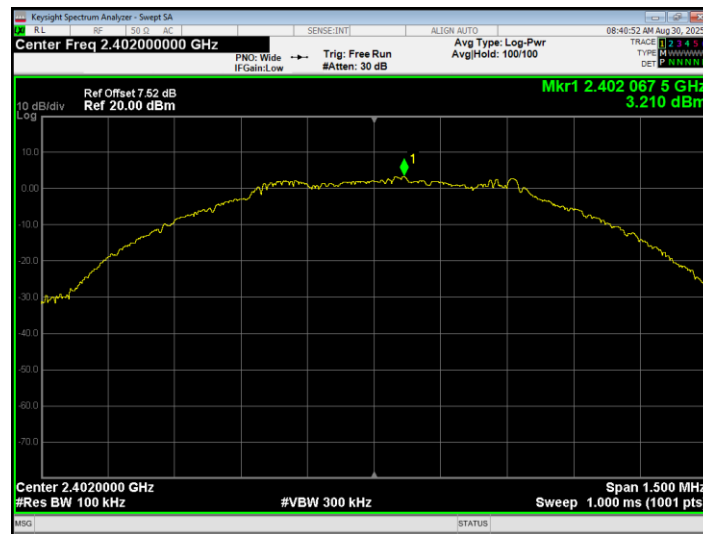
Band Edge NVNT BLE 2M 2480MHz Ant1 Emission



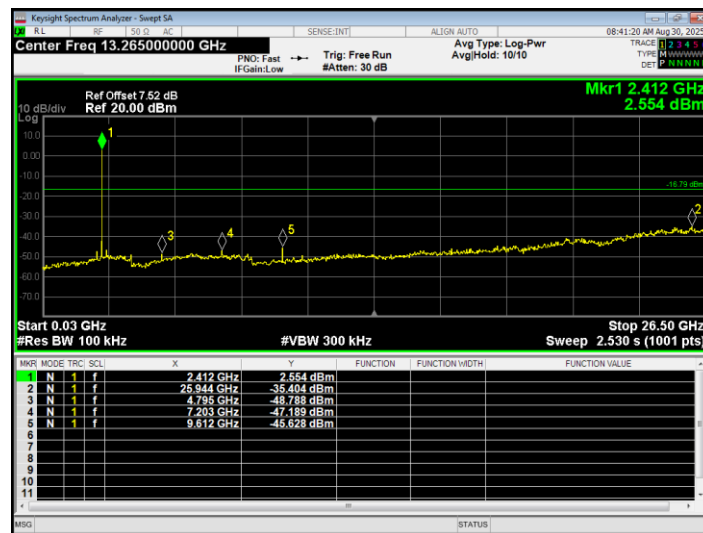
6. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-38.61	-20	Pass
NVNT	BLE 1M	2440	Ant1	-39.45	-20	Pass
NVNT	BLE 1M	2480	Ant1	-37.28	-20	Pass
NVNT	BLE 2M	2402	Ant1	-38.02	-20	Pass
NVNT	BLE 2M	2440	Ant1	-37.54	-20	Pass
NVNT	BLE 2M	2480	Ant1	-36.76	-20	Pass

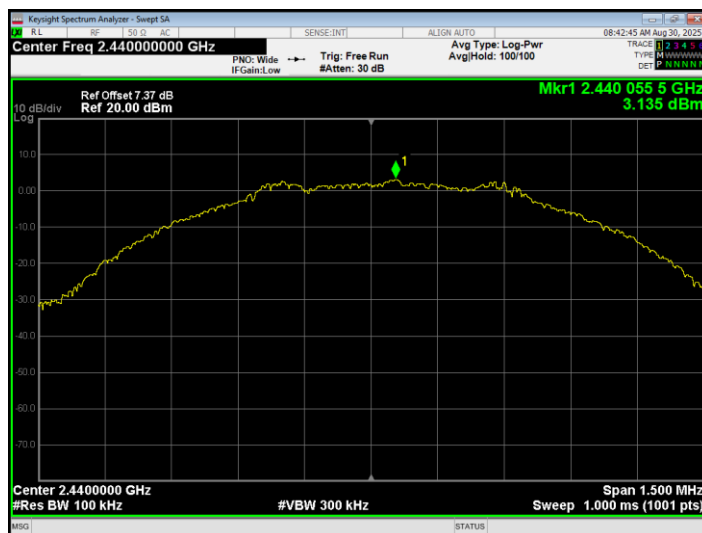
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



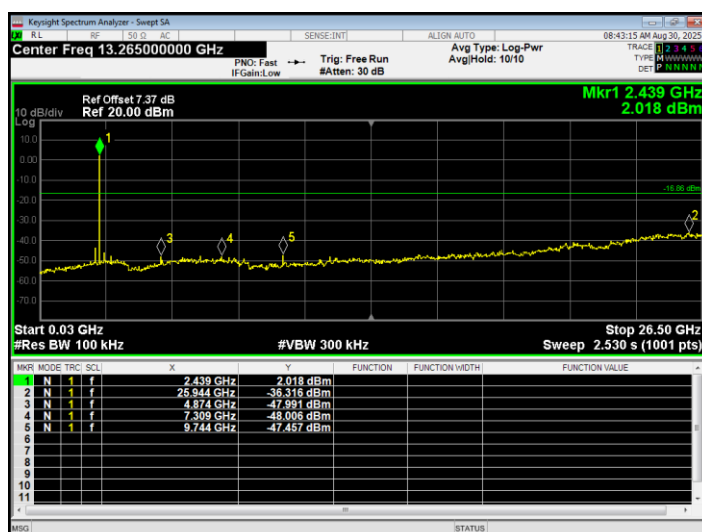
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



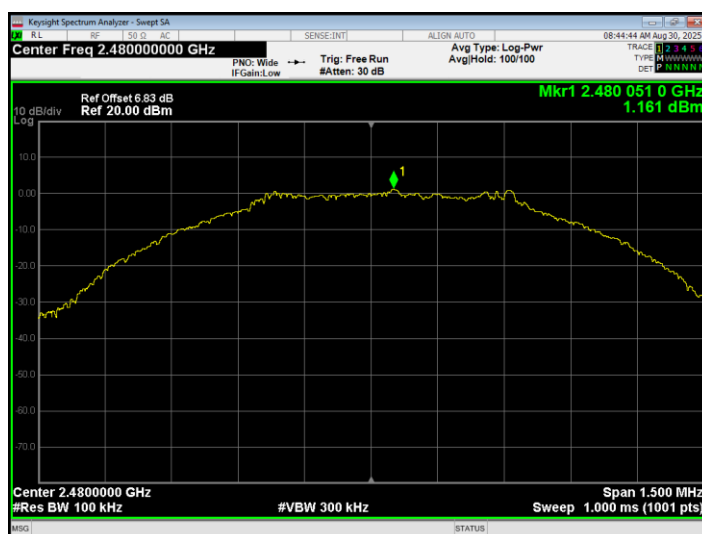
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Ref



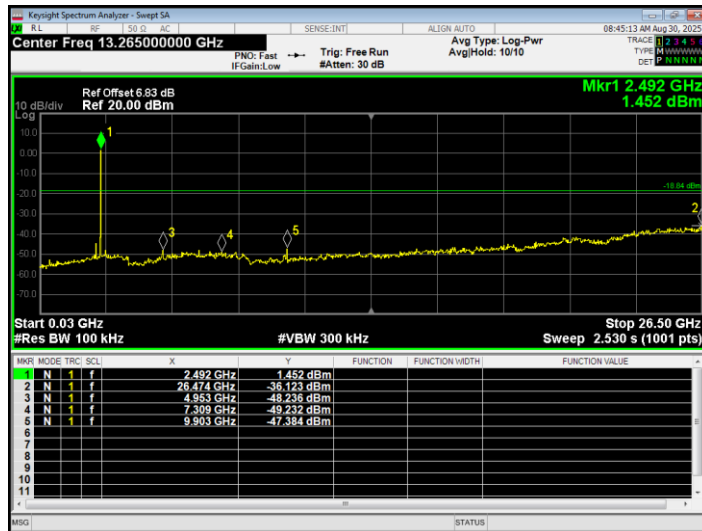
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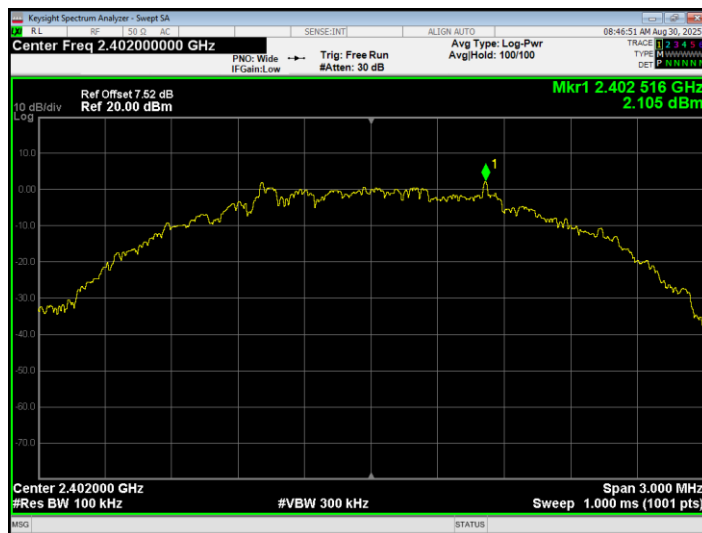
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



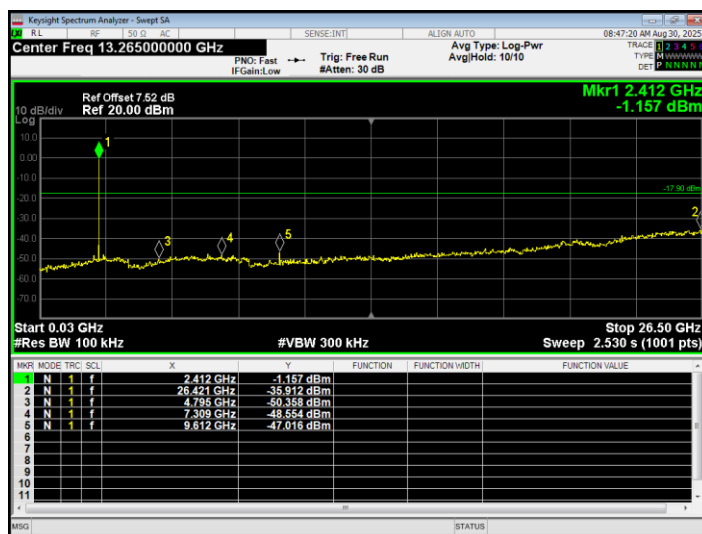
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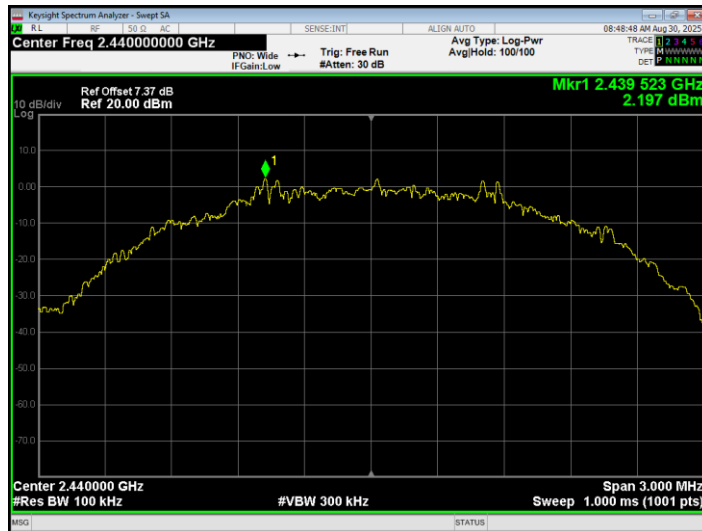
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



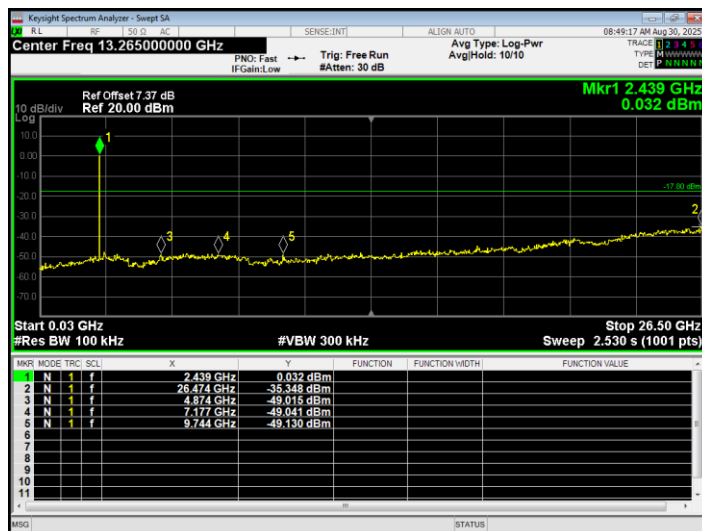
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission



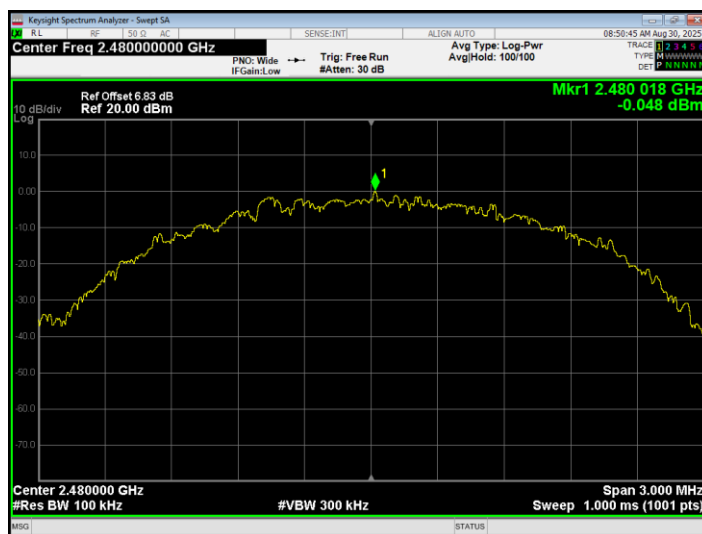
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Emission



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Emission

