

ANNEX 1 TEST DATA

FCC ID: 2BR3I-U1PRO

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: U1 PRO, U1, U1-GTV, U1 MAX, U1 U1tra, U1S, U1S-GTV, U1S PRO, U1S MAX

Date of Receipt: Mar. 04, 2026

Test Date: Mar. 04, 2026 - Mar. 16, 2026

Date of Report: Mar. 16, 2026

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

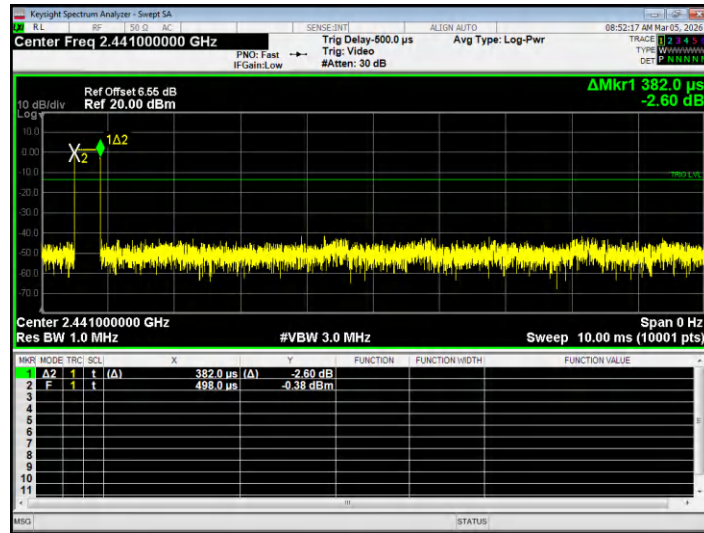
Applicable Standards: FCC PART 15 C 15.247
ANSI C63.10-2020+Cor 1-2023

Test Result: Pass

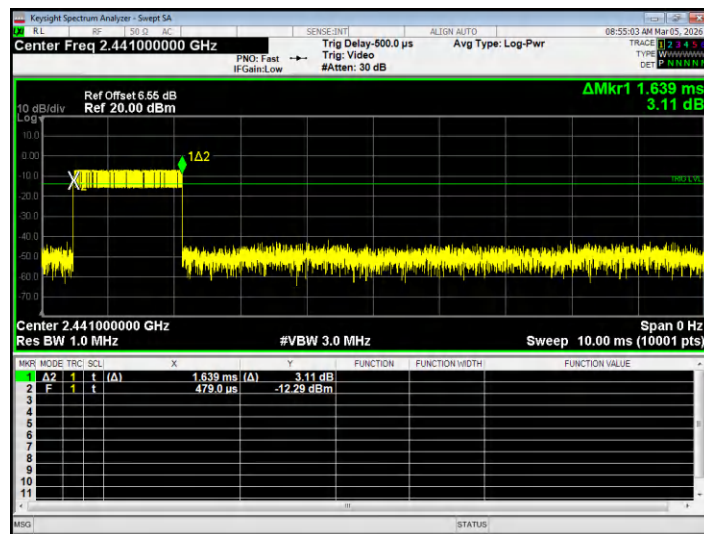
1. Dwell Time

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.382	120.712	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.639	290.103	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.887	332.005	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.391	124.729	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.644	263.04	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.892	306.552	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.392	124.264	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.644	269.616	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.892	309.444	31600	400	Pass

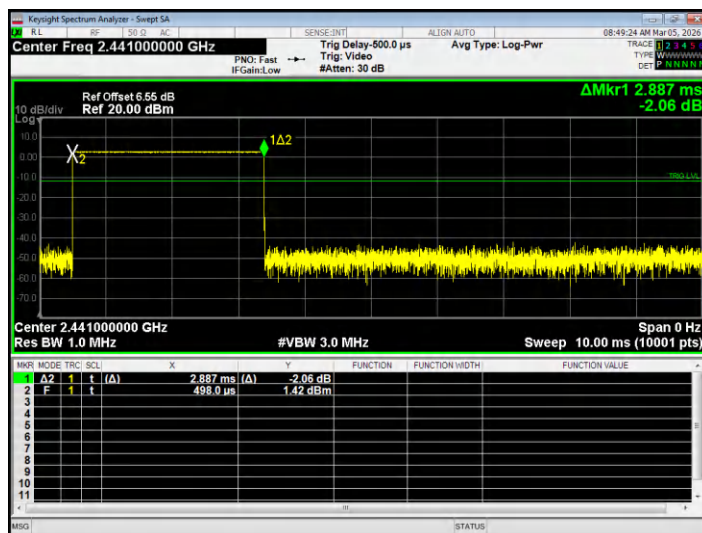
Dwell NVNT 1-DH1 2441MHz Ant1



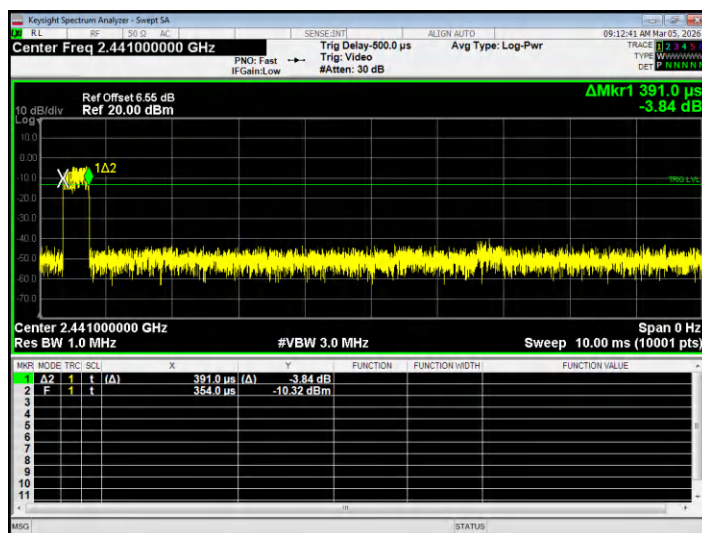
Dwell NVNT 1-DH3 2441MHz Ant1



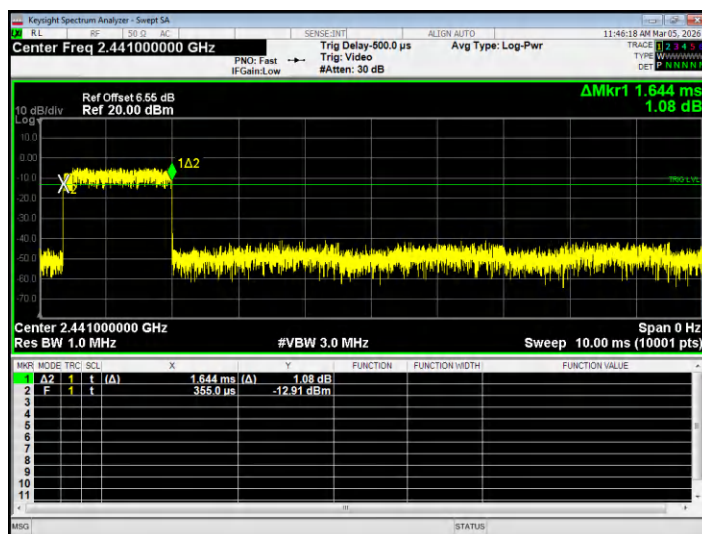
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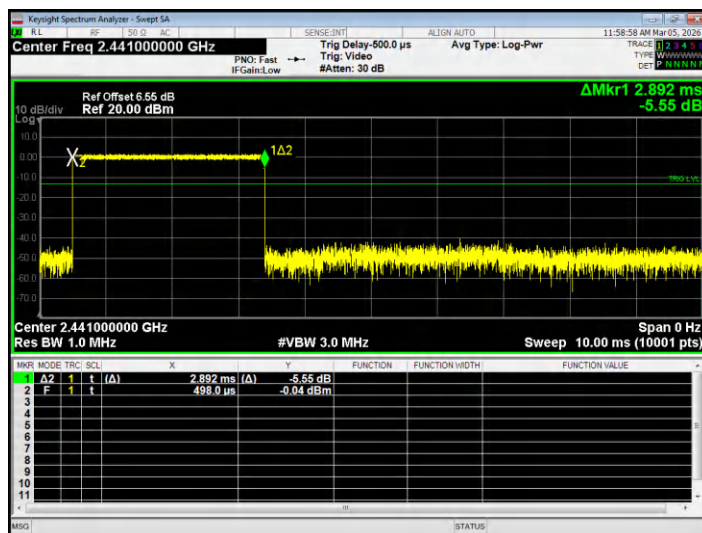
Dwell NVNT 2-DH1 2441MHz Ant1



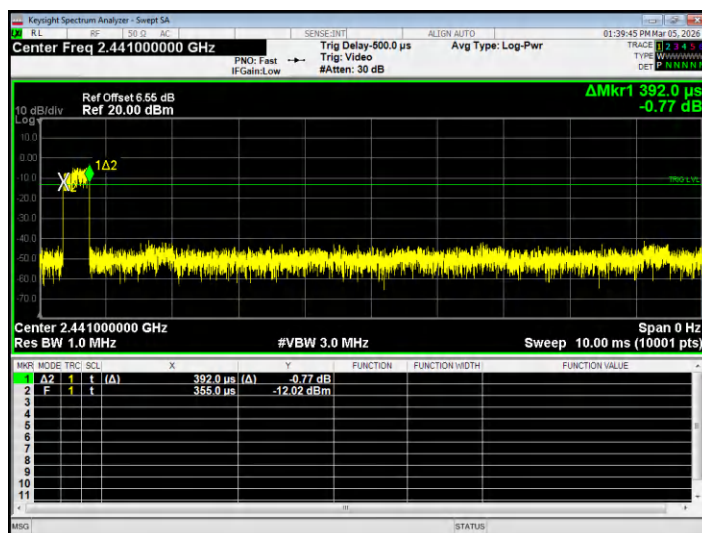
Dwell NVNT 2-DH3 2441MHz Ant1



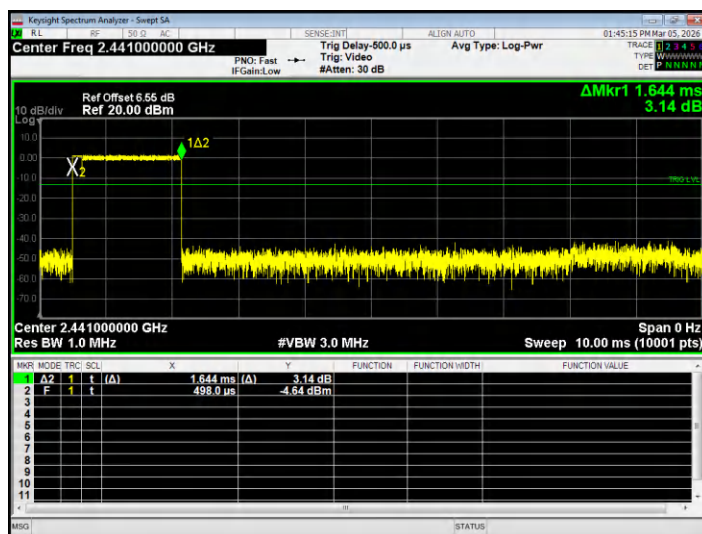
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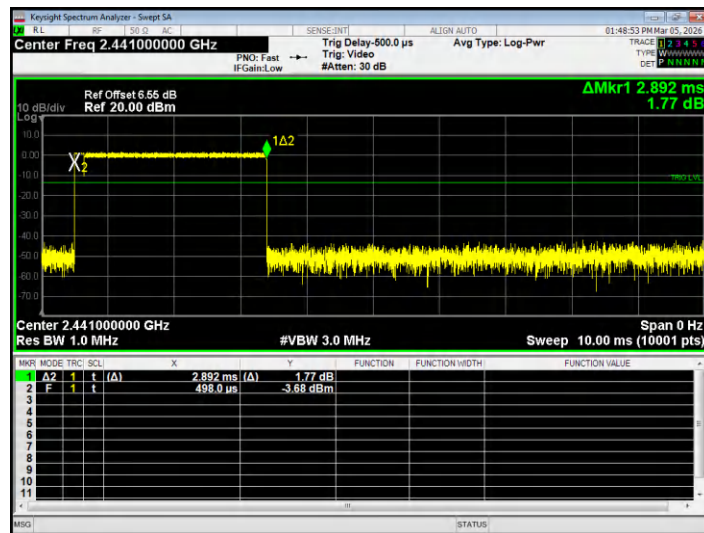
Dwell NVNT 3-DH1 2441MHz Ant1



Dwell NVNT 3-DH3 2441MHz Ant1



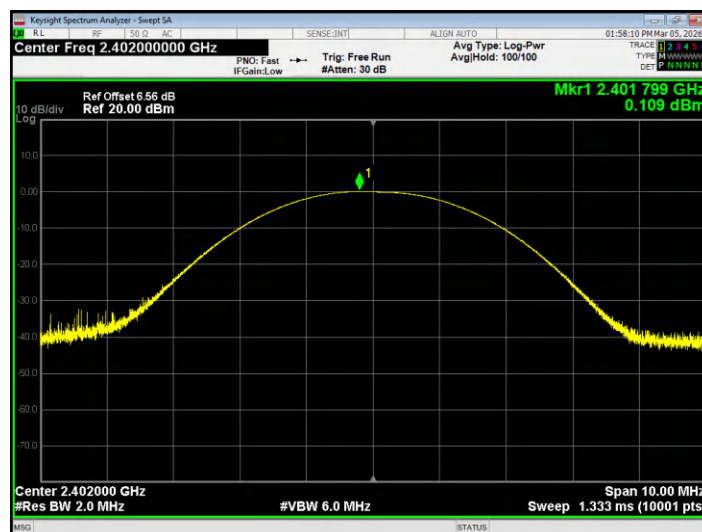
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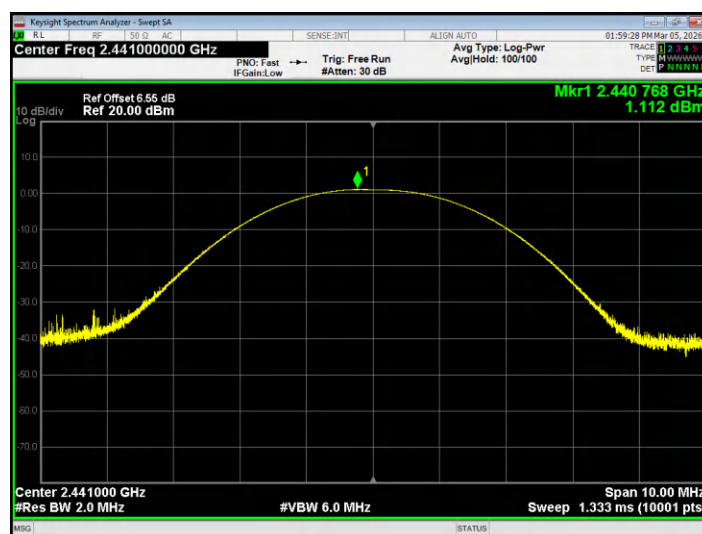
2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	0.109	21	Pass
NVNT	1-DH5	2441	Ant1	1.112	21	Pass
NVNT	1-DH5	2480	Ant1	0.932	21	Pass
NVNT	2-DH5	2402	Ant1	1.002	21	Pass
NVNT	2-DH5	2441	Ant1	1.972	21	Pass
NVNT	2-DH5	2480	Ant1	1.818	21	Pass
NVNT	3-DH5	2402	Ant1	1.093	21	Pass
NVNT	3-DH5	2441	Ant1	1.907	21	Pass
NVNT	3-DH5	2480	Ant1	1.784	21	Pass

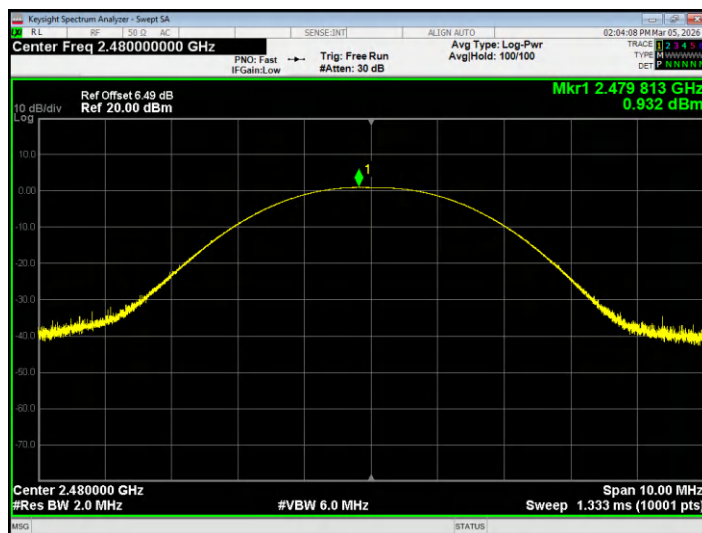
Power NVNT 1-DH5 2402MHz Ant1



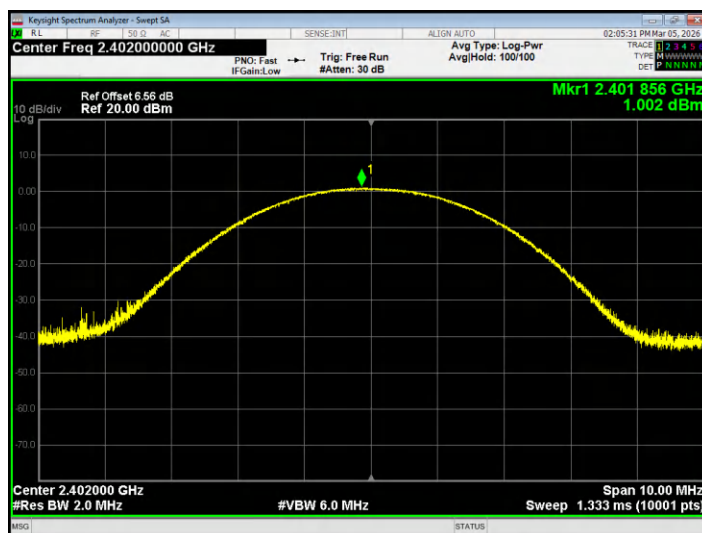
Power NVNT 1-DH5 2441MHz Ant1



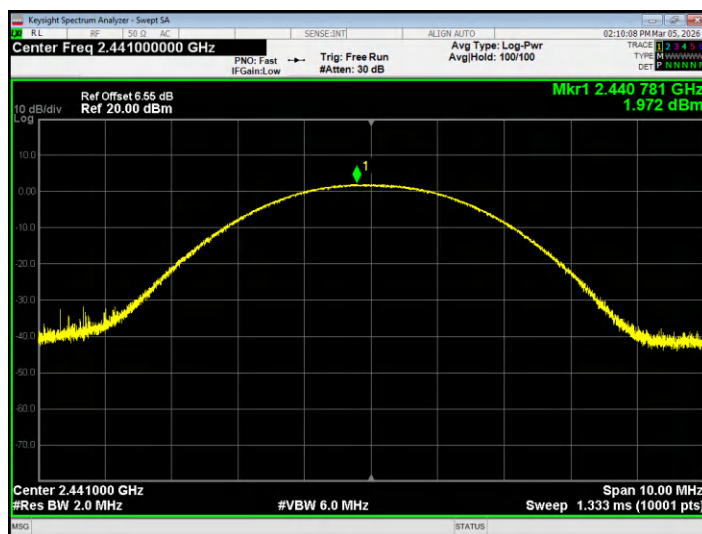
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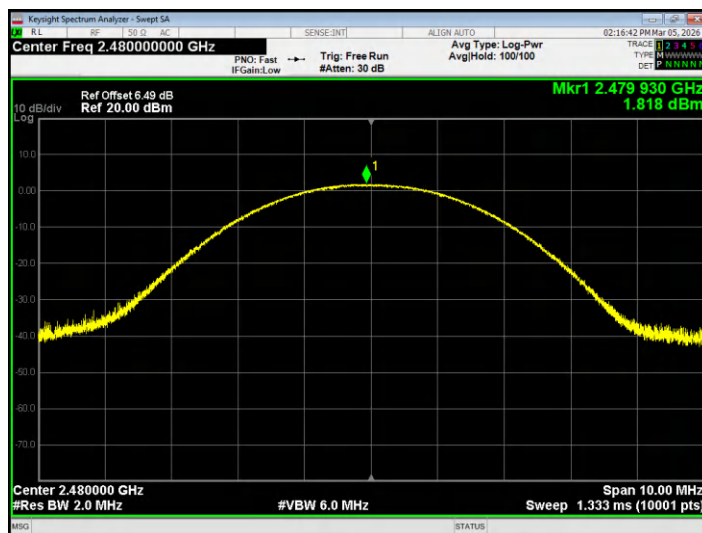
Power NVNT 2-DH5 2402MHz Ant1



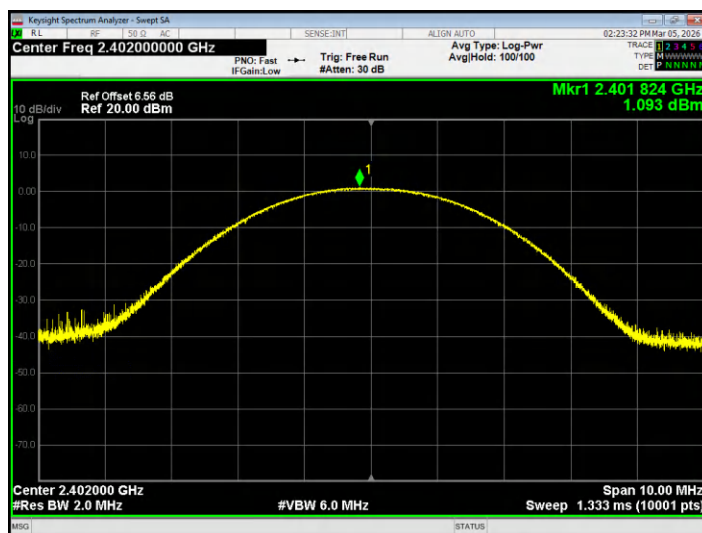
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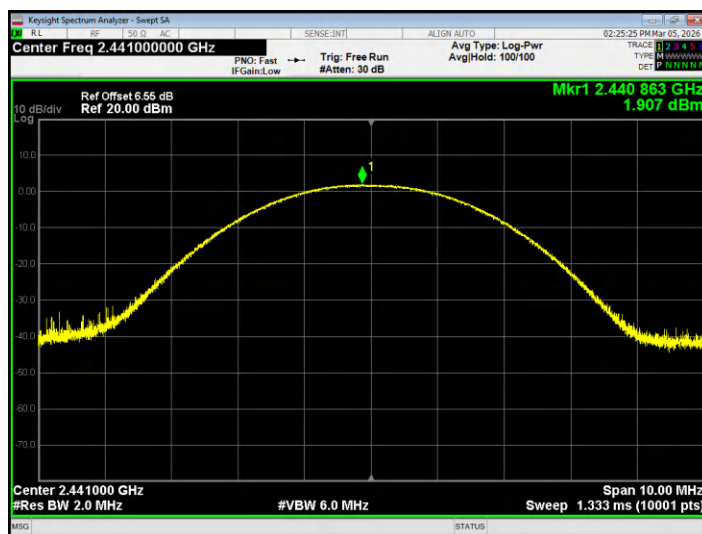
Power NVNT 2-DH5 2480MHz Ant1



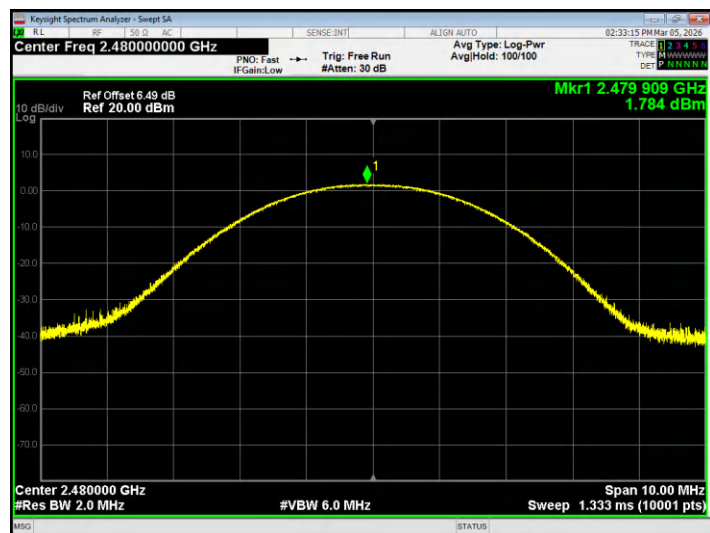
Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1



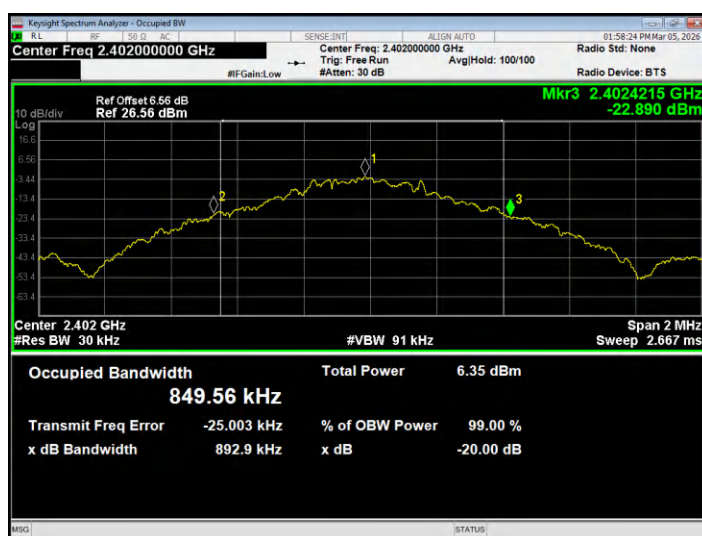
Power NVNT 3-DH5 2480MHz Ant1



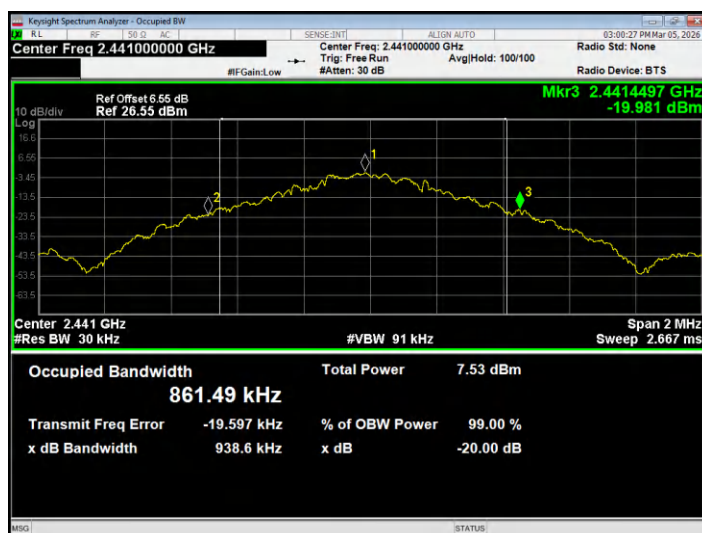
3. -20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.8929	Pass
NVNT	1-DH5	2441	Ant1	0.9386	Pass
NVNT	1-DH5	2480	Ant1	0.9473	Pass
NVNT	2-DH5	2402	Ant1	1.297	Pass
NVNT	2-DH5	2441	Ant1	1.301	Pass
NVNT	2-DH5	2480	Ant1	1.274	Pass
NVNT	3-DH5	2402	Ant1	1.274	Pass
NVNT	3-DH5	2441	Ant1	1.273	Pass
NVNT	3-DH5	2480	Ant1	1.274	Pass

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



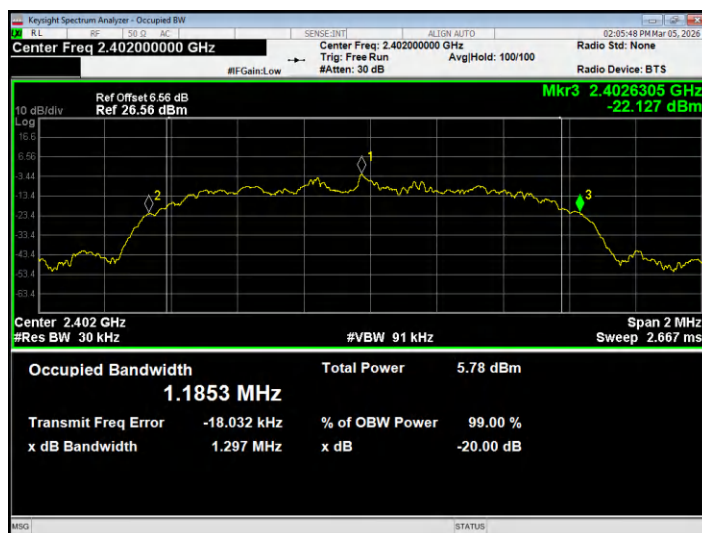
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



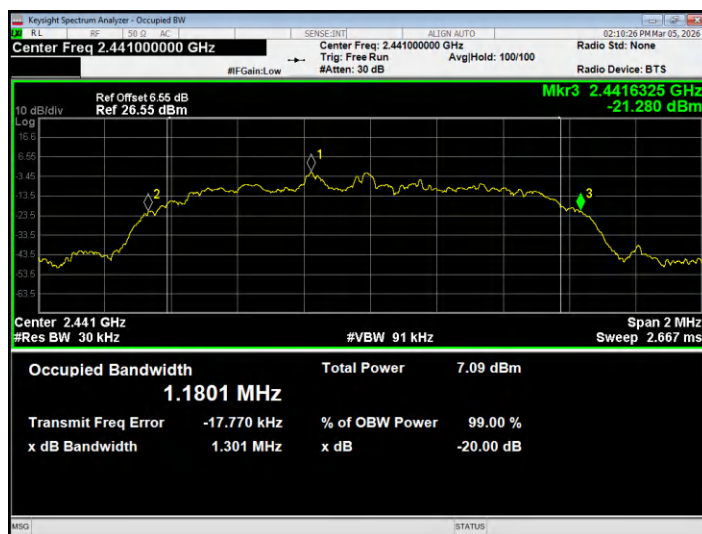
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



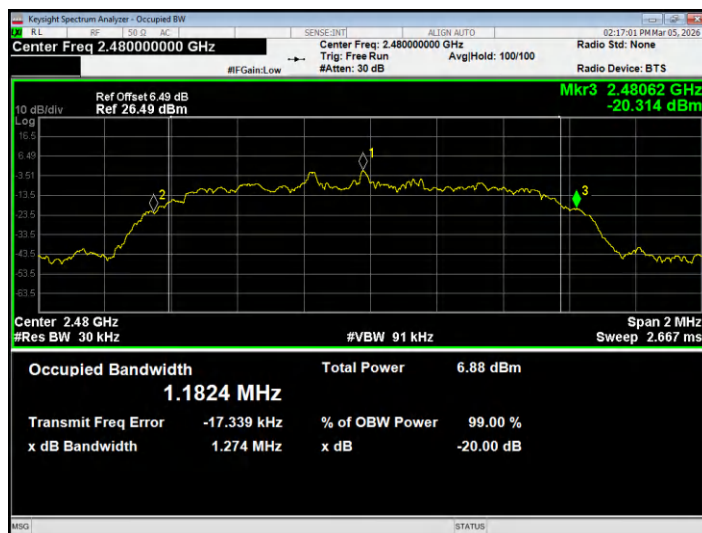
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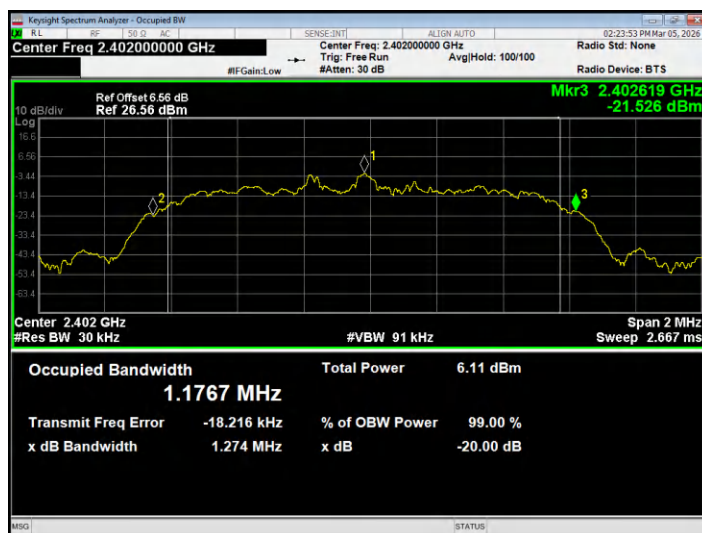
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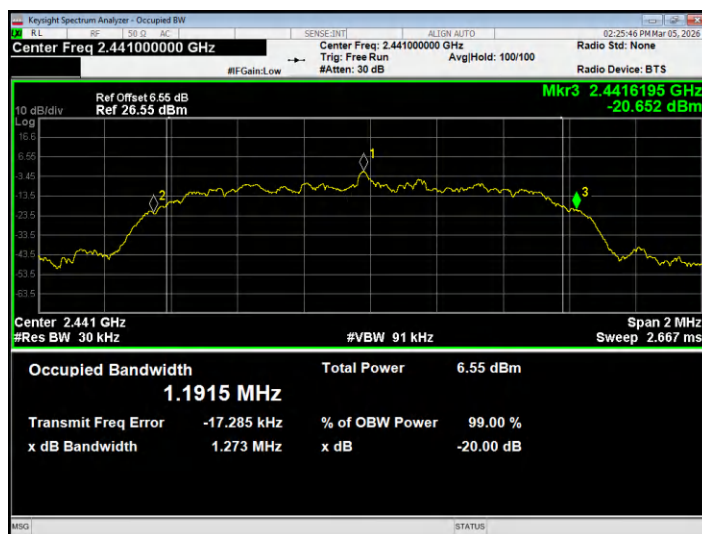
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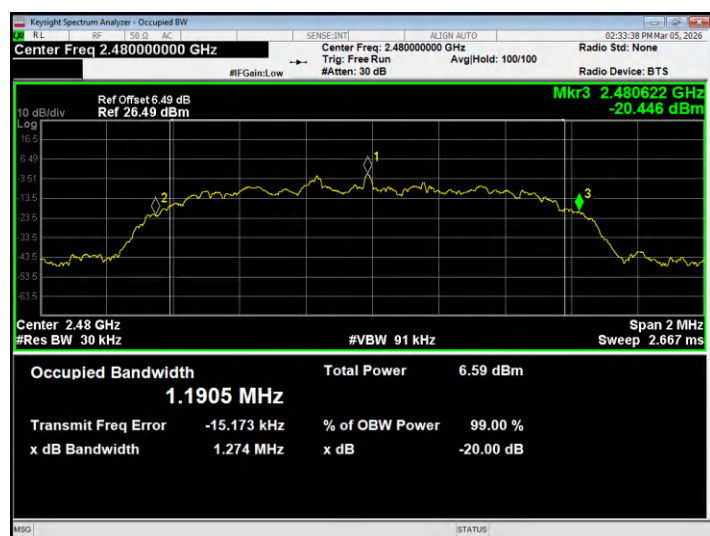
-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



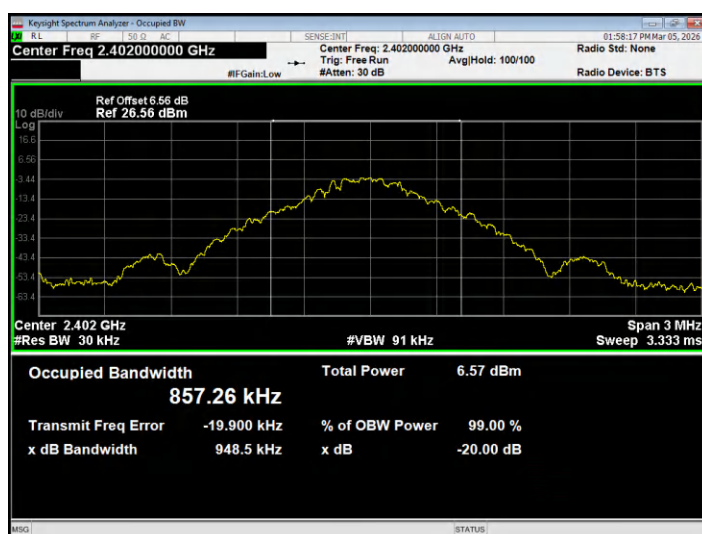
-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1



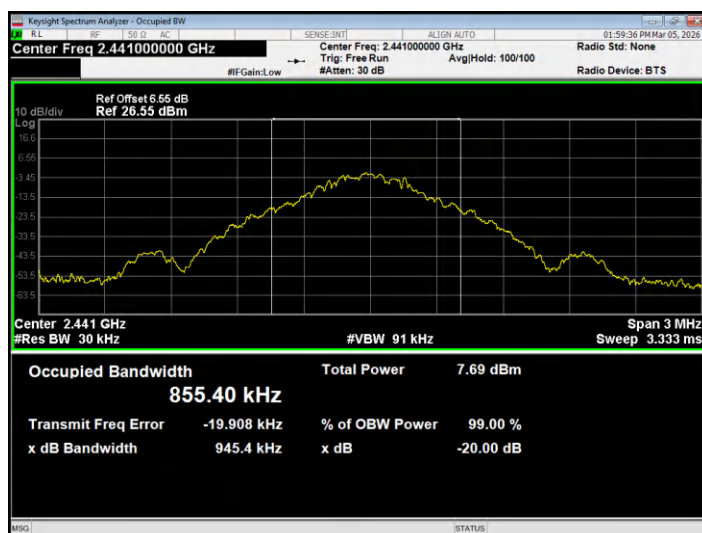
4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.85726
NVNT	1-DH5	2441	Ant1	0.8554
NVNT	1-DH5	2480	Ant1	0.85406
NVNT	2-DH5	2402	Ant1	1.1861
NVNT	2-DH5	2441	Ant1	1.1983
NVNT	2-DH5	2480	Ant1	1.1831
NVNT	3-DH5	2402	Ant1	1.1808
NVNT	3-DH5	2441	Ant1	1.1817
NVNT	3-DH5	2480	Ant1	1.1827

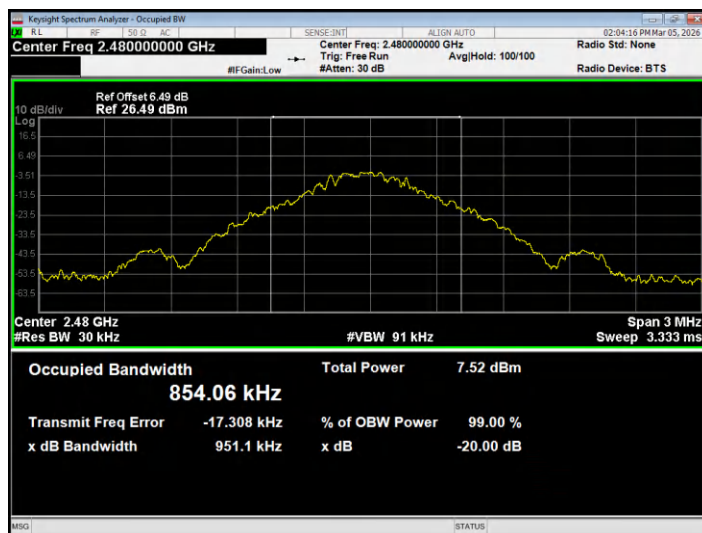
OBW NVNT 1-DH5 2402MHz Ant1



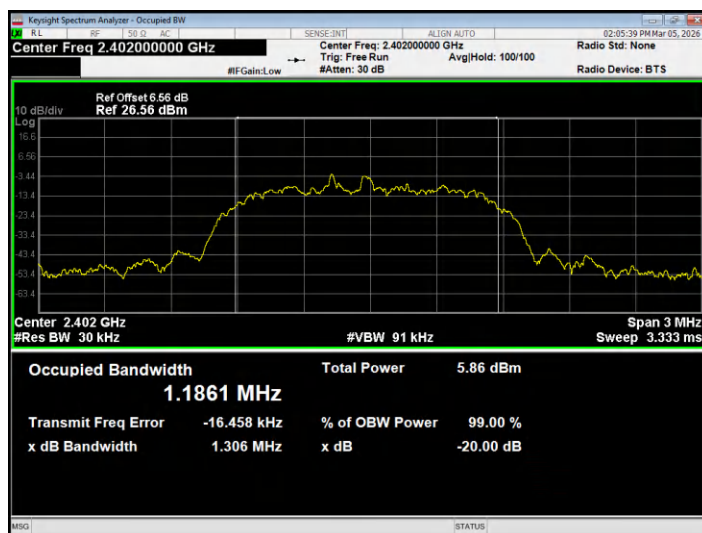
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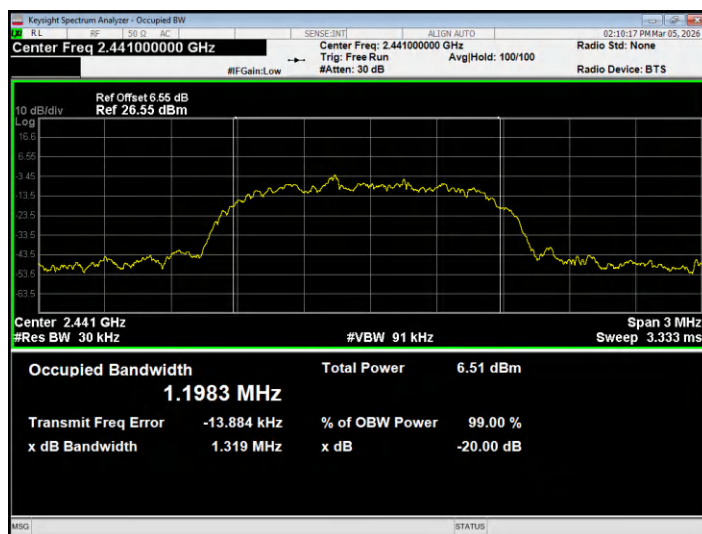
OBW NVNT 1-DH5 2480MHz Ant1



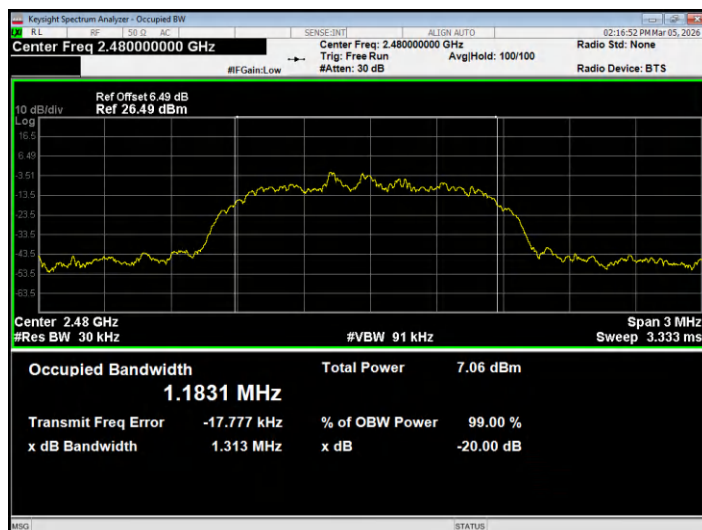
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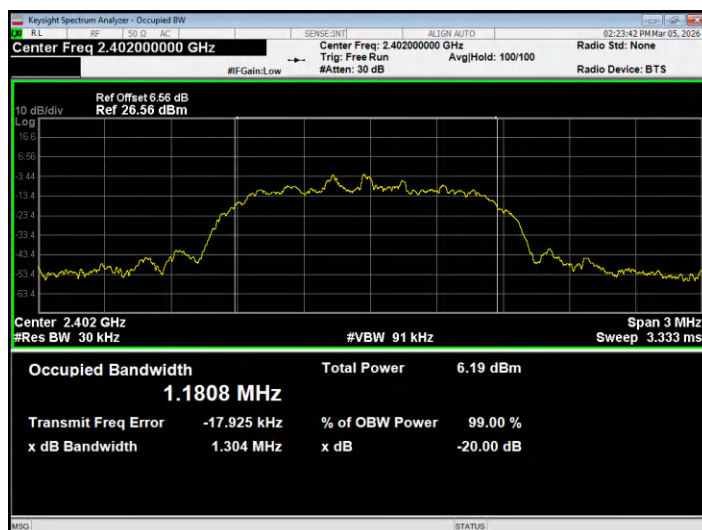
OBW NVNT 2-DH5 2441MHz Ant1



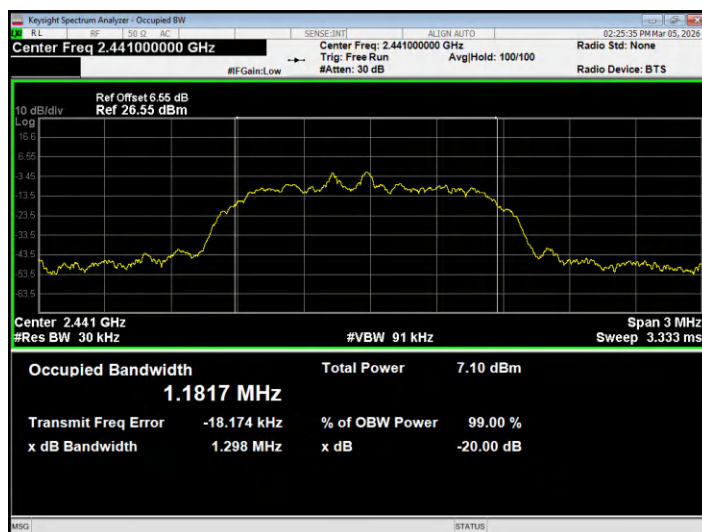
OBW NVNT 2-DH5 2480MHz Ant1



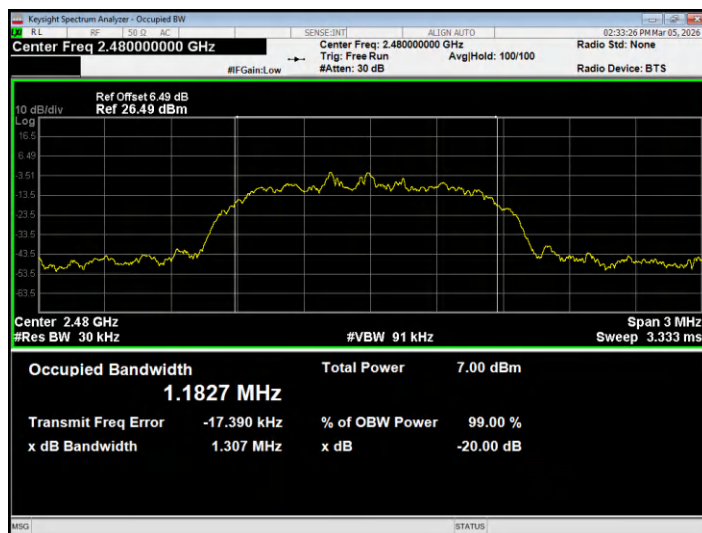
OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2441MHz Ant1



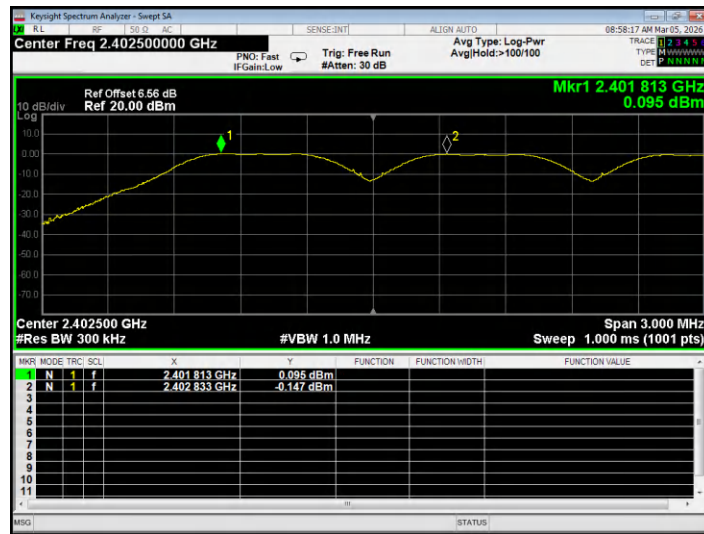
OBW NVNT 3-DH5 2480MHz Ant1



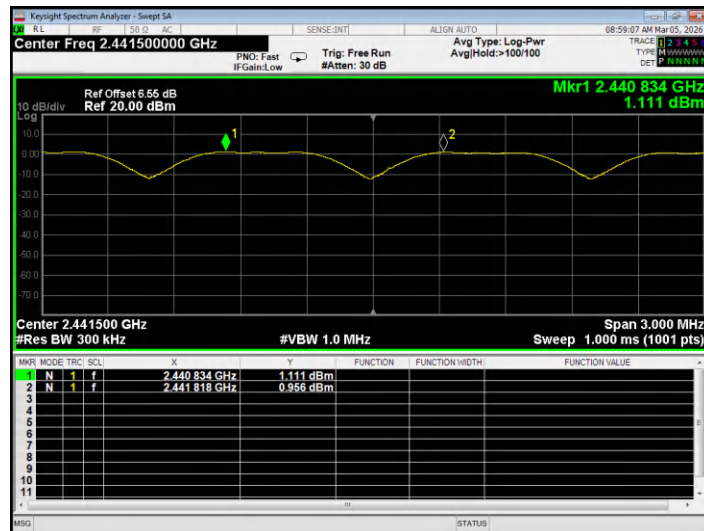
5. Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.813	2402.833	1.02	0.595	Pass
NVNT	1-DH5	Ant1	2440.834	2441.818	0.984	0.626	Pass
NVNT	1-DH5	Ant1	2478.819	2479.824	1.005	0.631	Pass
NVNT	2-DH5	Ant1	2401.822	2402.824	1.002	0.865	Pass
NVNT	2-DH5	Ant1	2440.819	2441.821	1.002	0.867	Pass
NVNT	2-DH5	Ant1	2478.831	2479.815	0.984	0.849	Pass
NVNT	3-DH5	Ant1	2401.816	2402.827	1.011	0.849	Pass
NVNT	3-DH5	Ant1	2440.837	2441.977	1.14	0.849	Pass
NVNT	3-DH5	Ant1	2478.816	2479.815	0.999	0.849	Pass

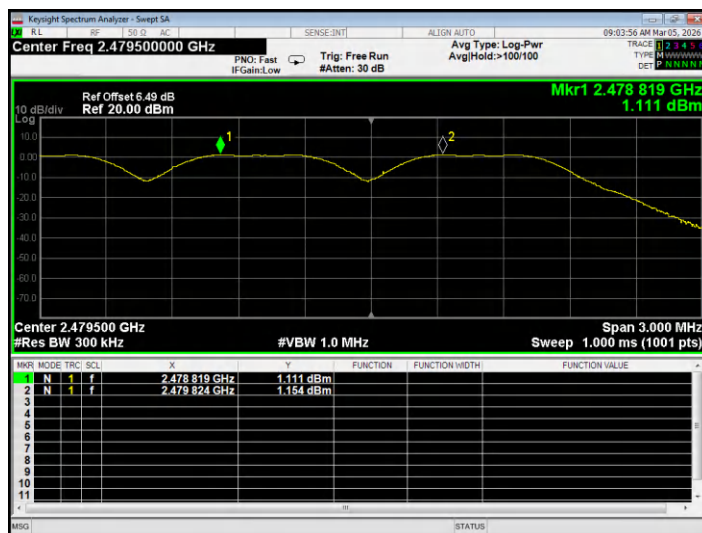
CFS NVNT 1-DH5 2402MHz Ant1



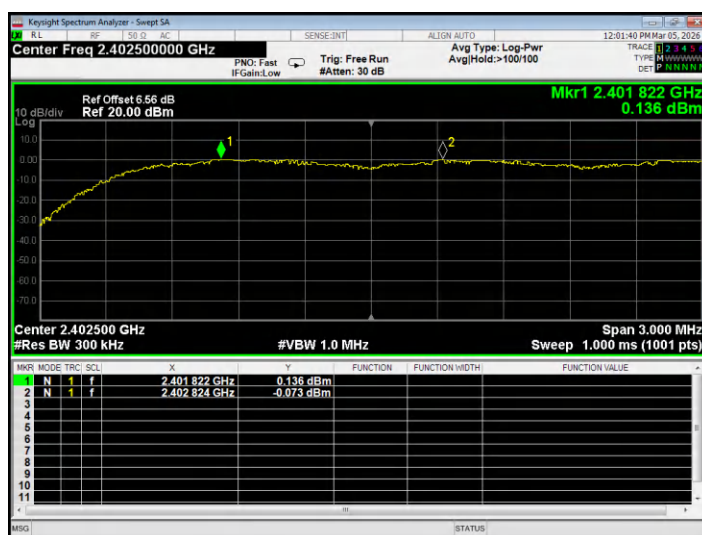
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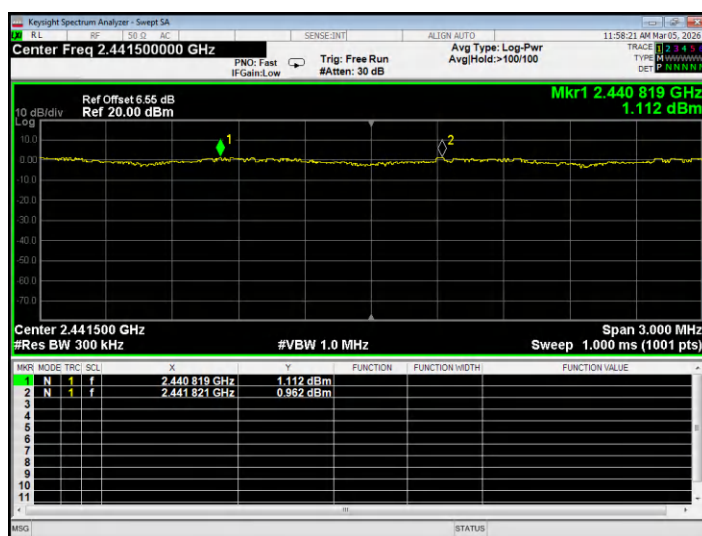
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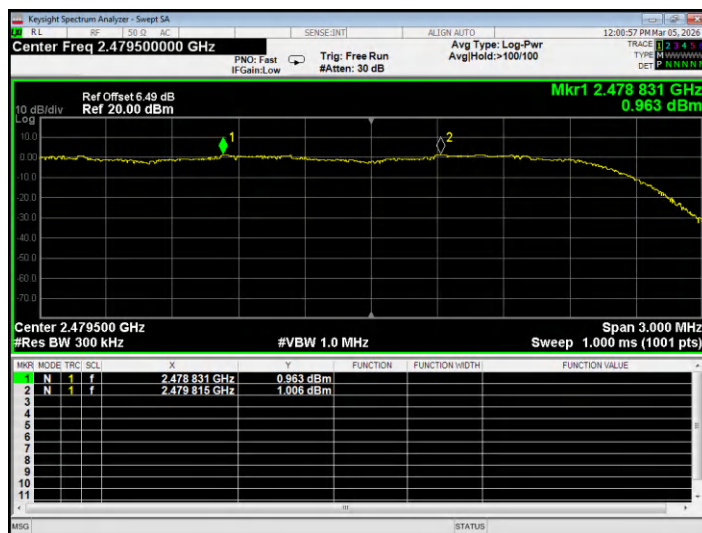
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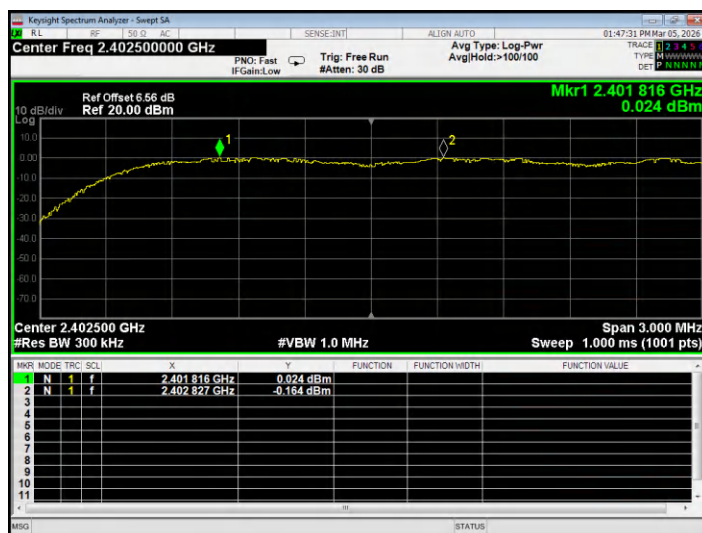
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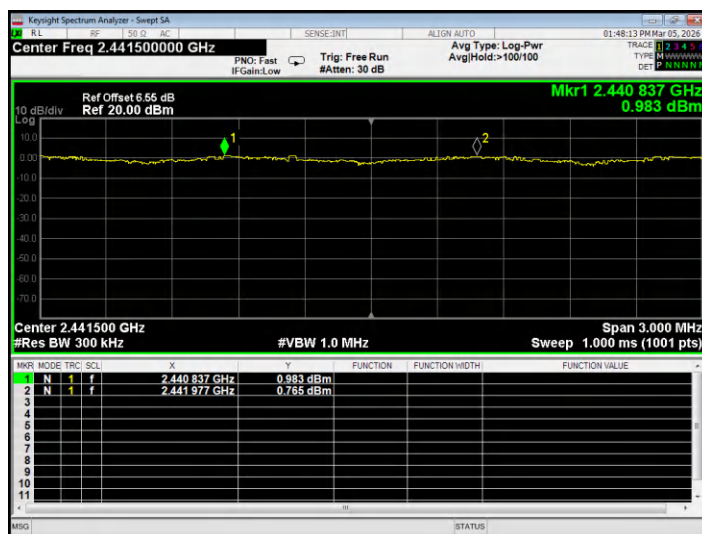
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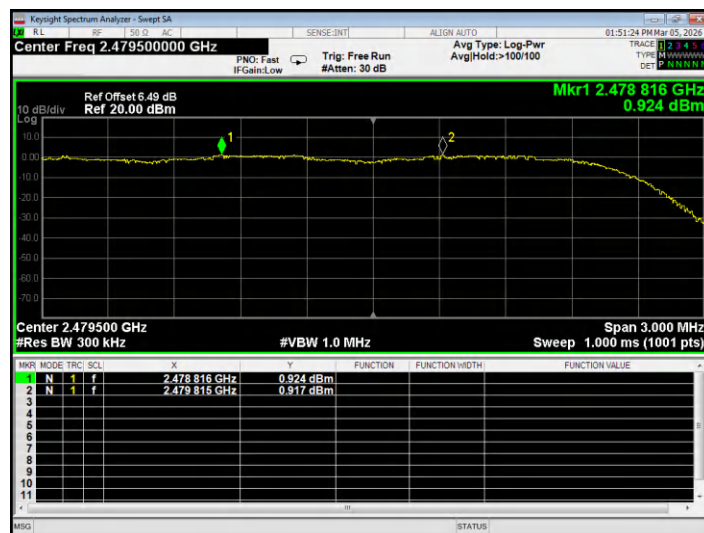
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CFS NVNT 3-DH5 2441MHz Ant1



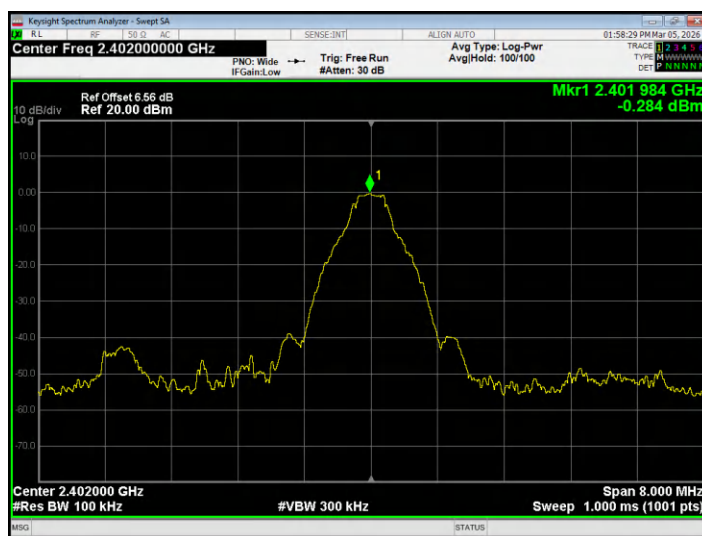
CFS NVNT 3-DH5 2480MHz Ant1



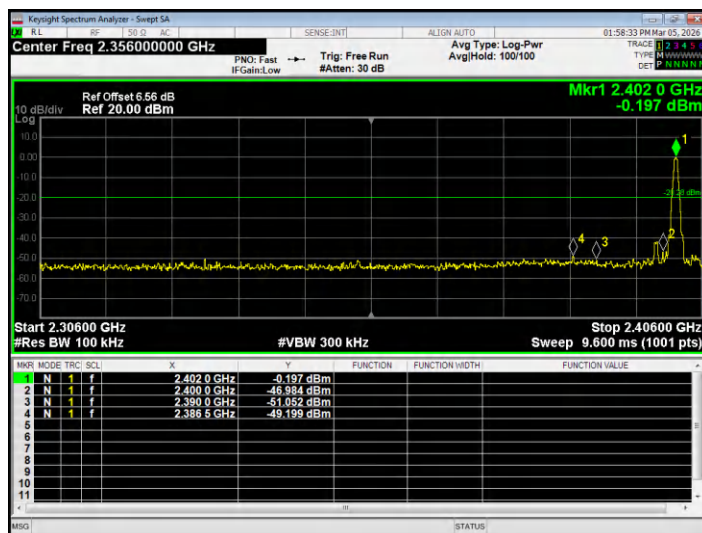
6. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-48.91	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-46.76	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-48.88	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-47.66	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-48.39	-20	Pass
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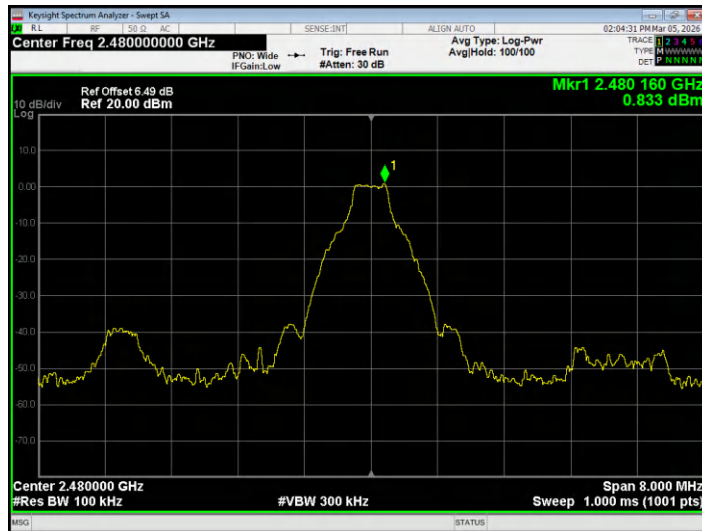
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



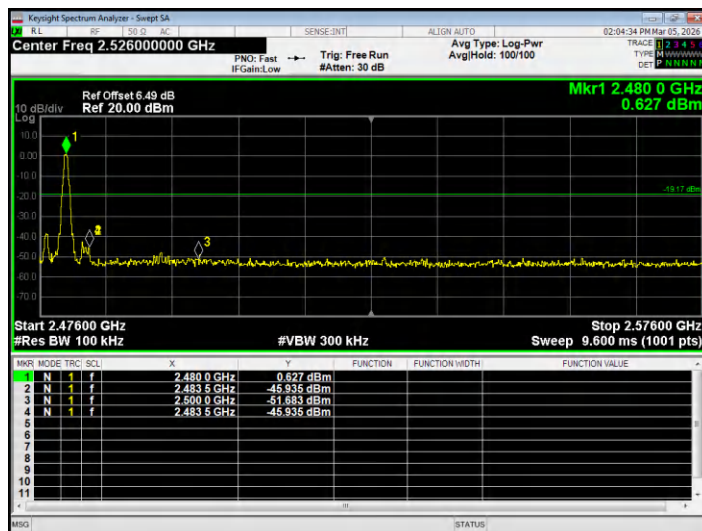
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



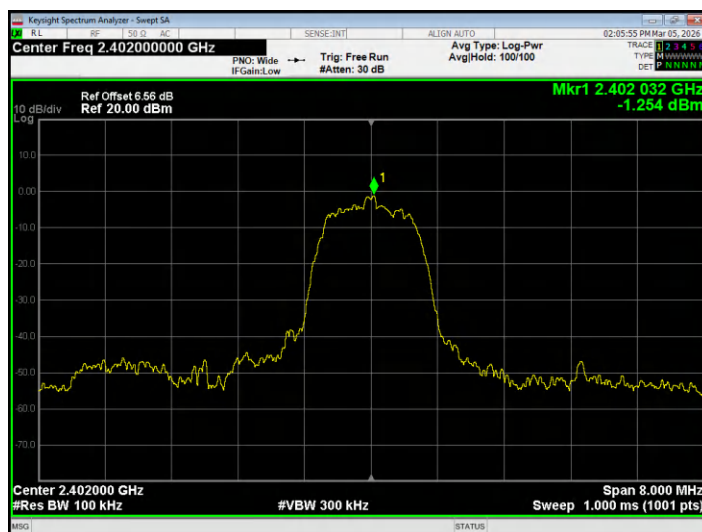
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



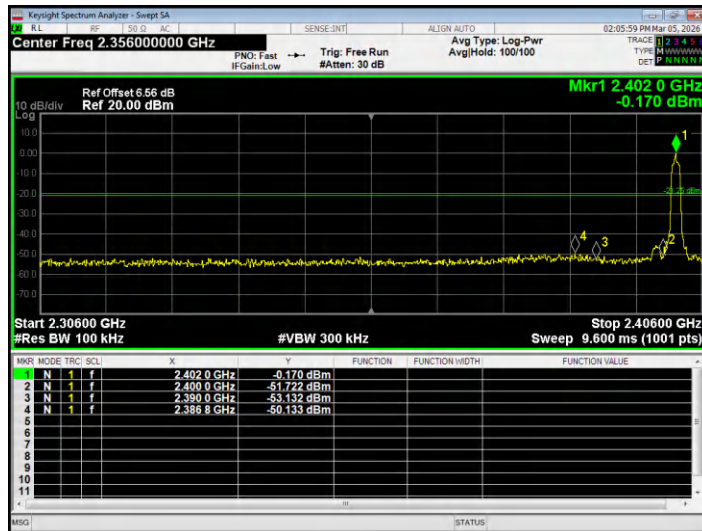
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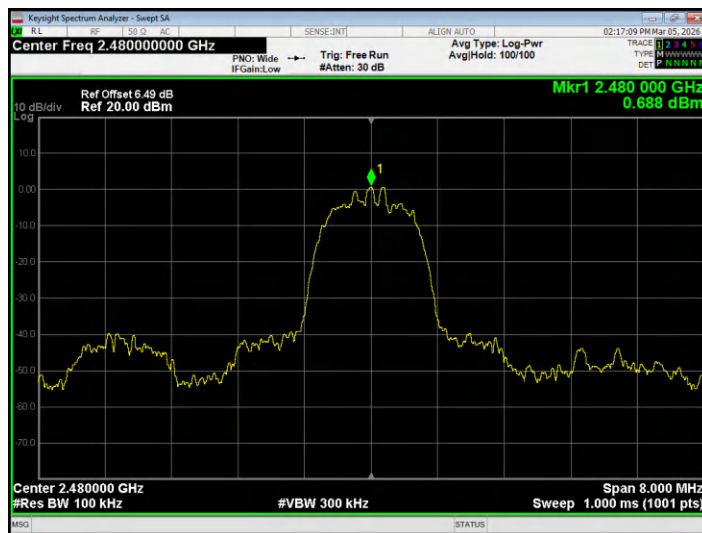
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



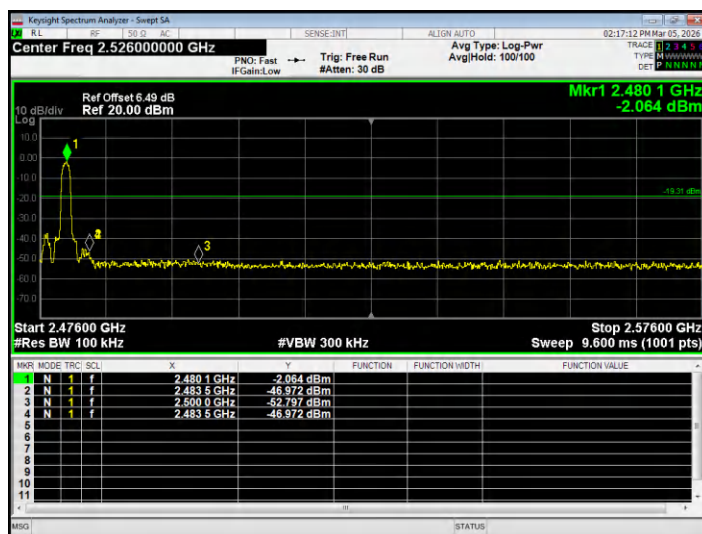
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



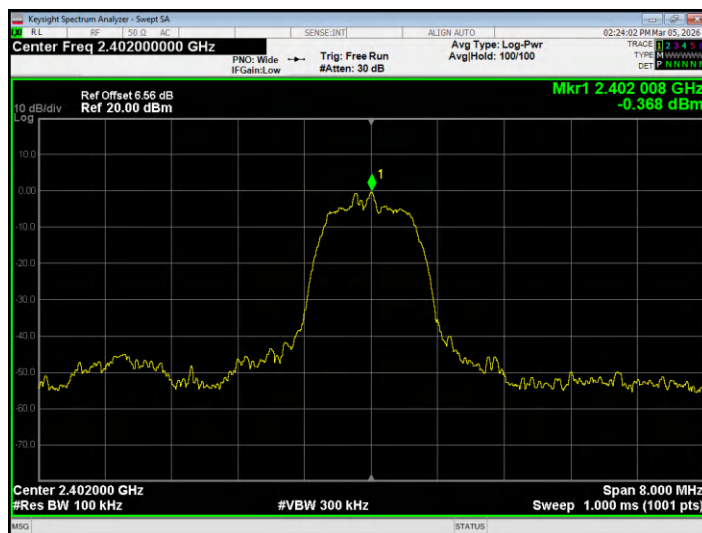
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



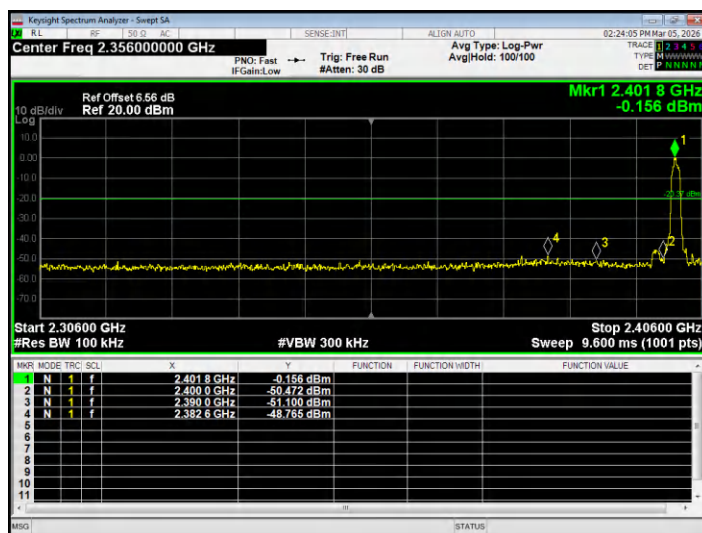
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



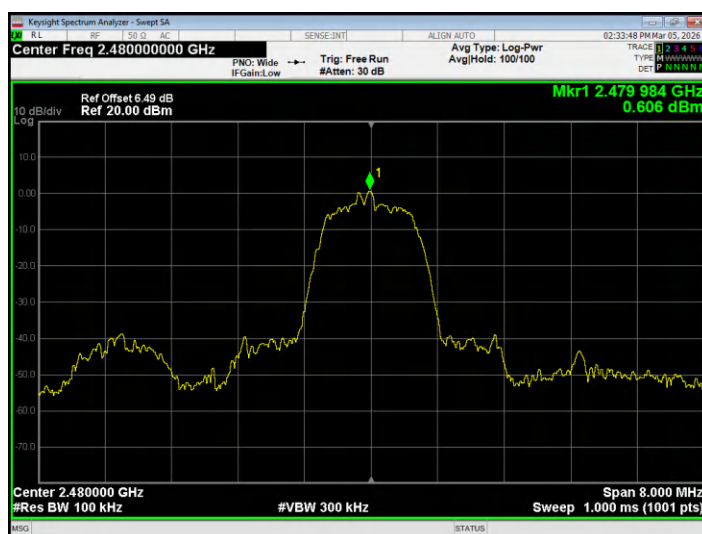
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



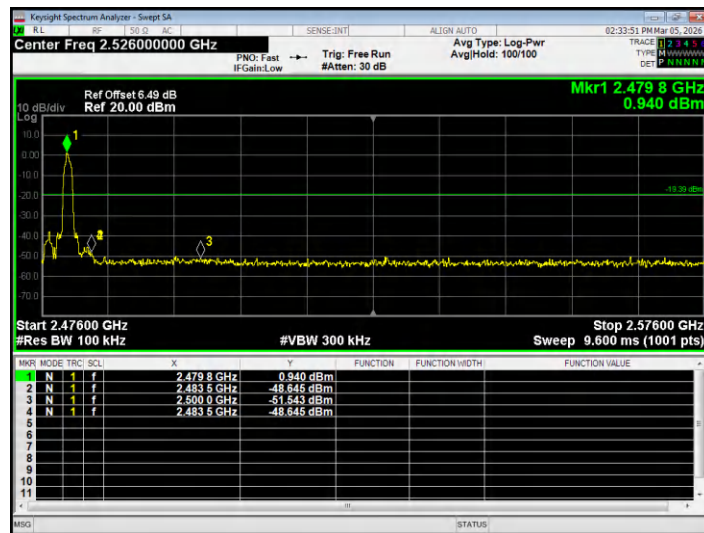
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



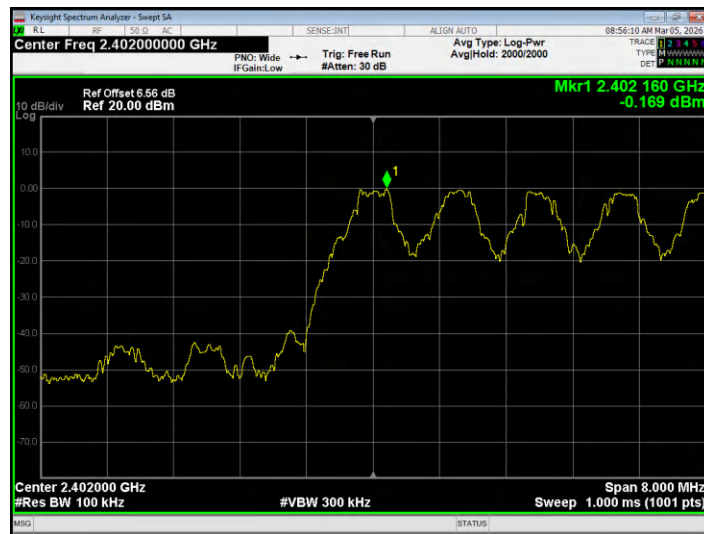
Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission



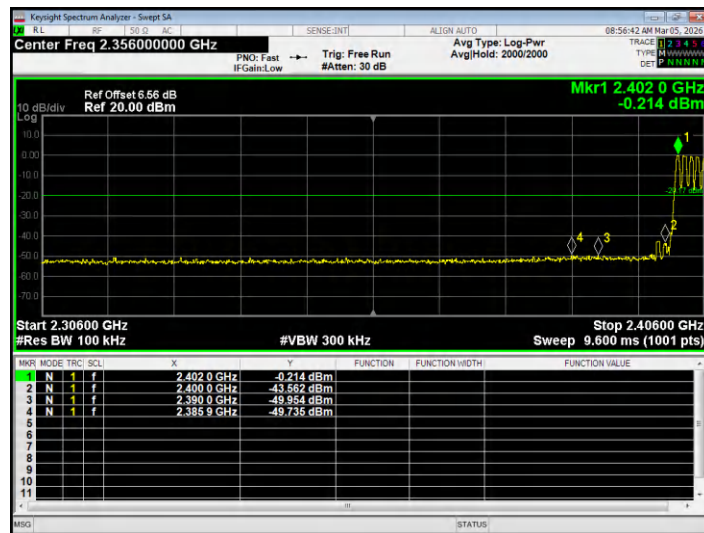
7. Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-49.56	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-46.48	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-49.01	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-49.9	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-47.63	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-49.99	-20	Pass

Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



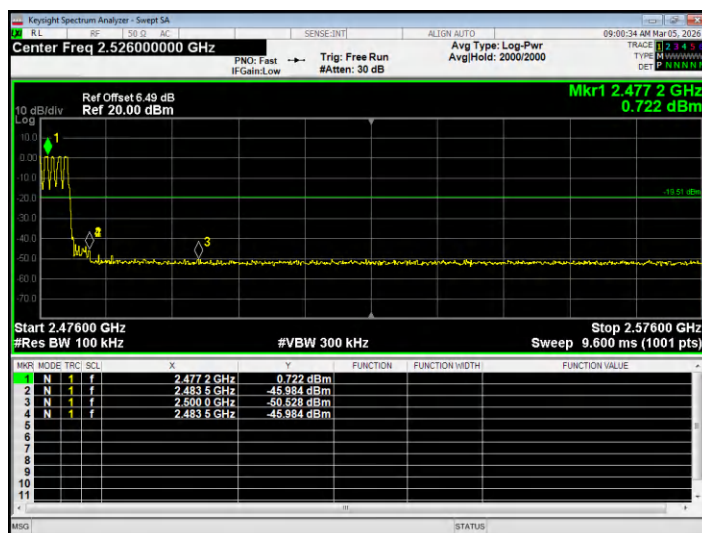
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



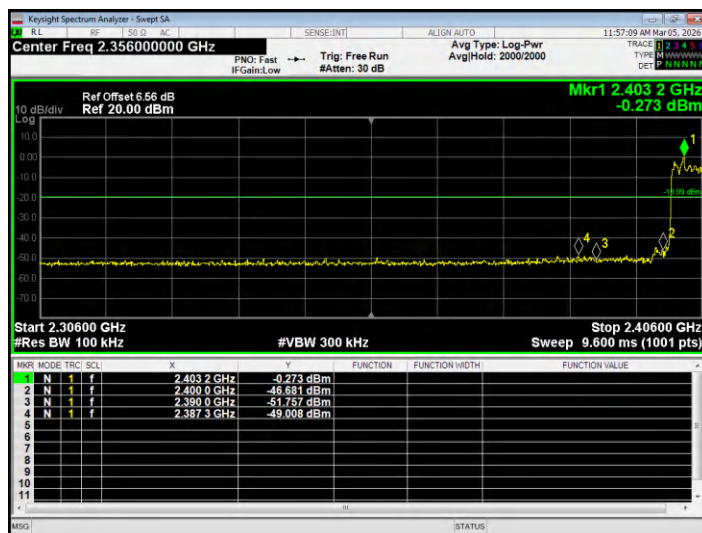
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



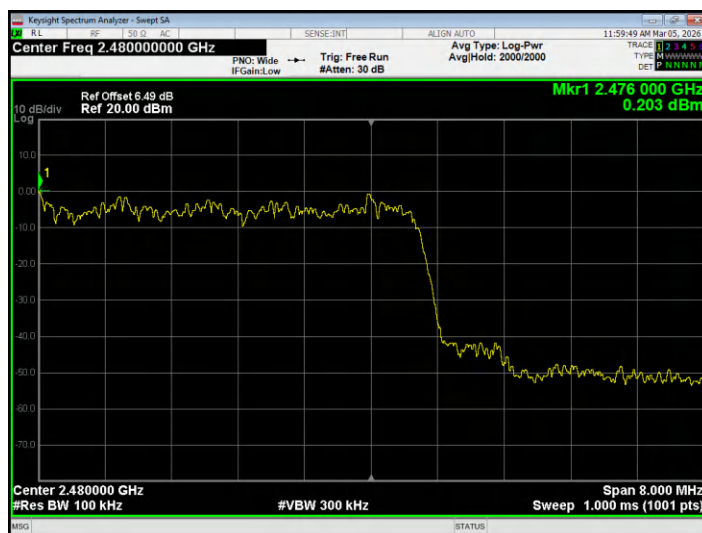
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



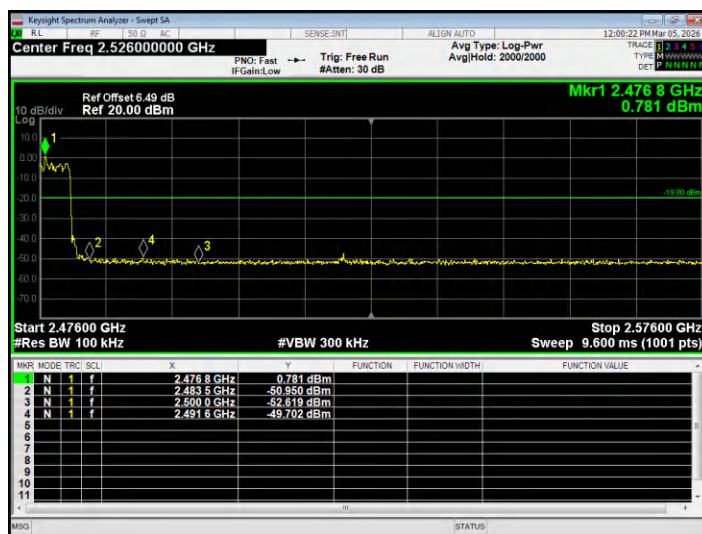
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



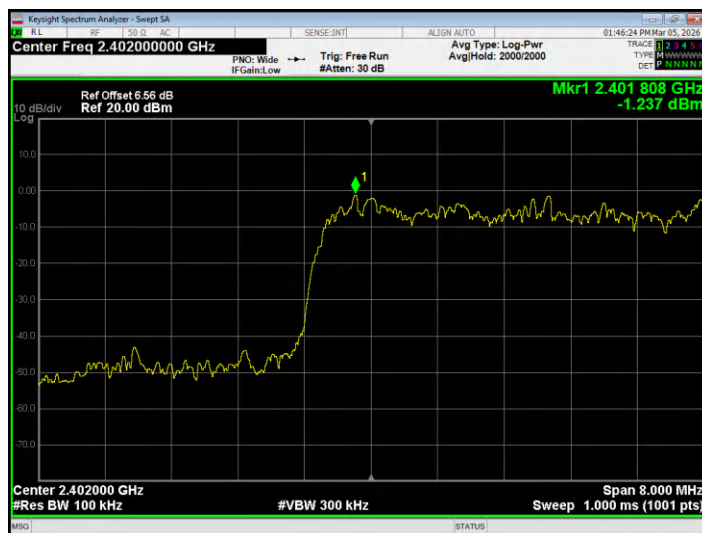
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



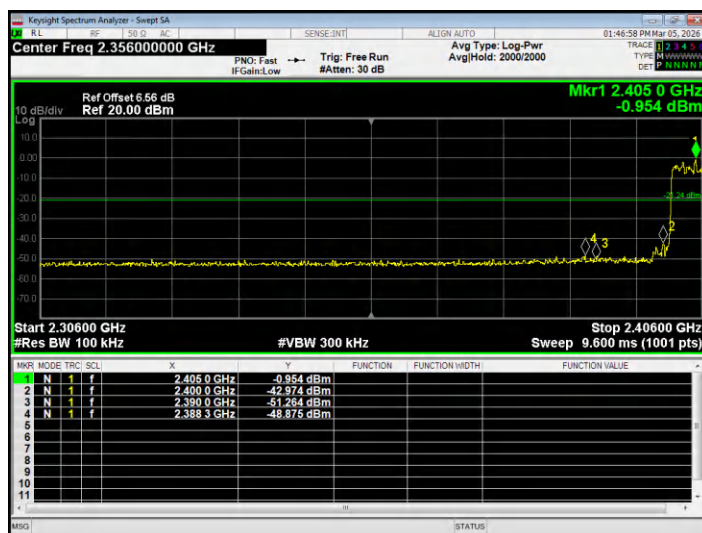
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



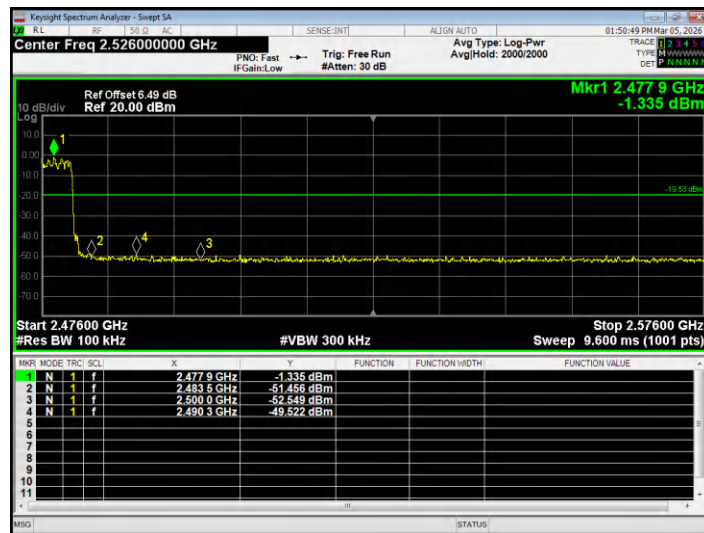
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



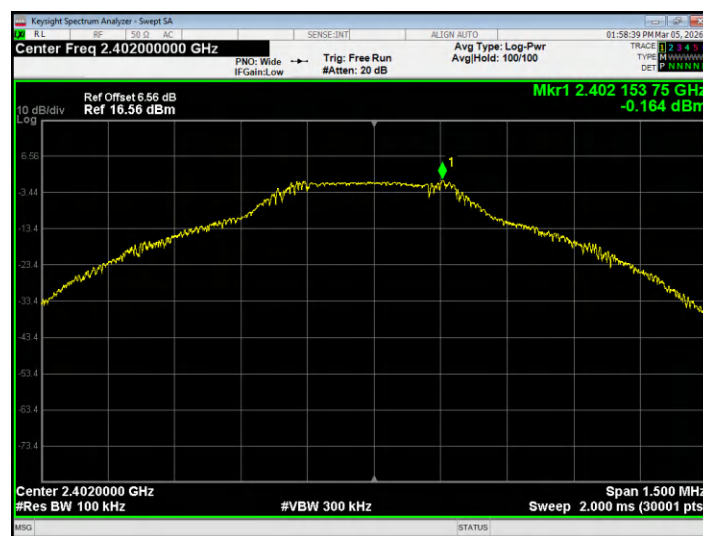
Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission



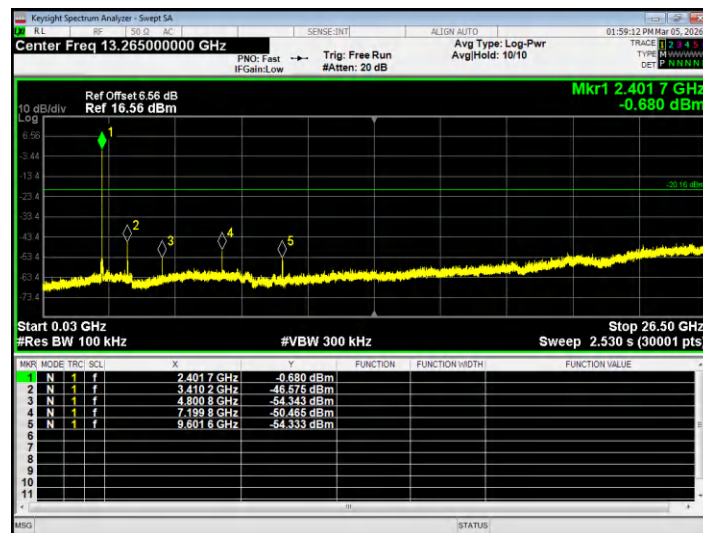
8. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-46.41	-20	Pass
NVNT	1-DH5	2441	Ant1	-47.35	-20	Pass
NVNT	1-DH5	2480	Ant1	-47.06	-20	Pass
NVNT	2-DH5	2402	Ant1	-46.83	-20	Pass
NVNT	2-DH5	2441	Ant1	-46.62	-20	Pass
NVNT	2-DH5	2480	Ant1	-45.62	-20	Pass
NVNT	3-DH5	2402	Ant1	-46.38	-20	Pass
NVNT	3-DH5	2441	Ant1	-48.22	-20	Pass
NVNT	3-DH5	2480	Ant1	-47.19	-20	Pass

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



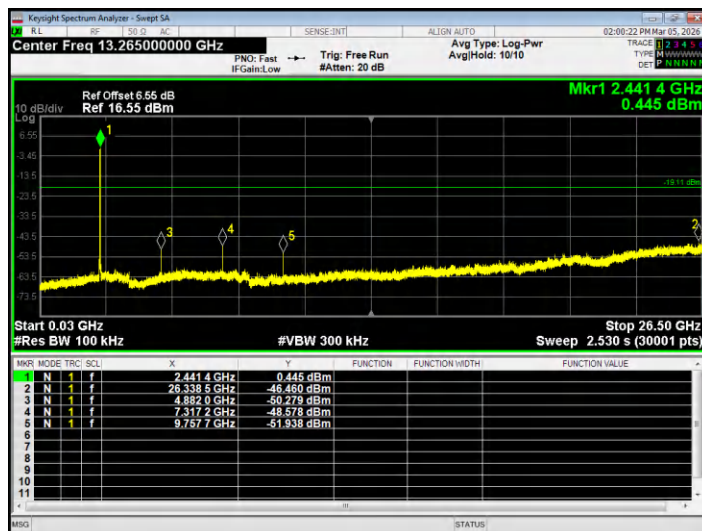
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



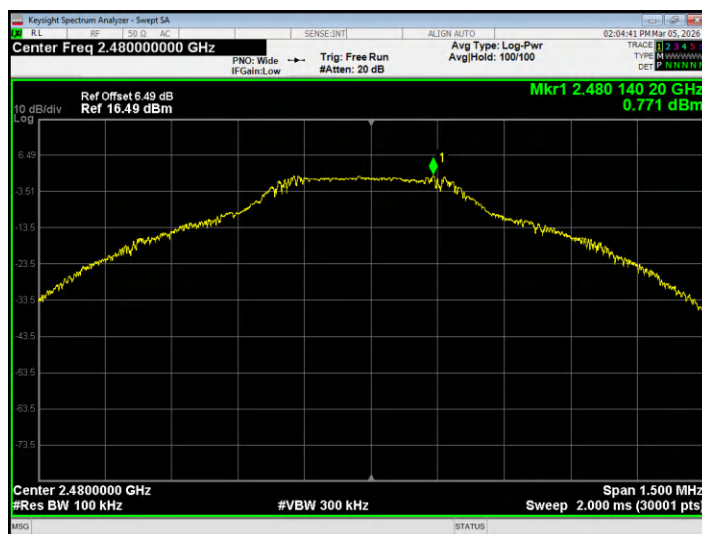
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



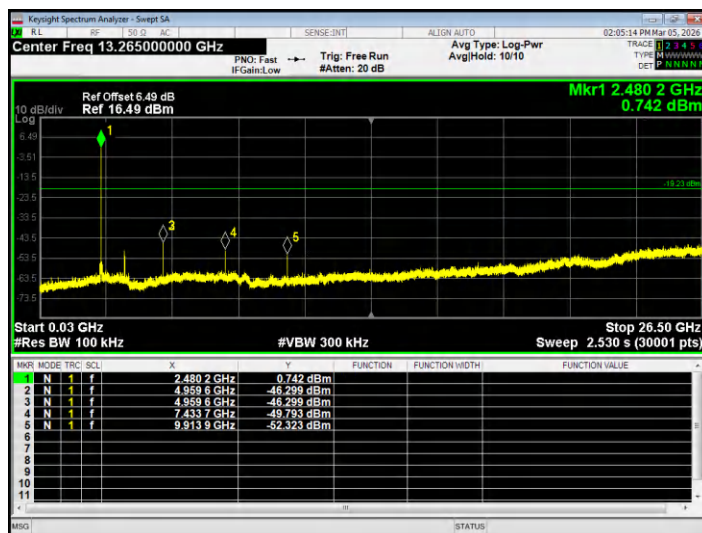
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



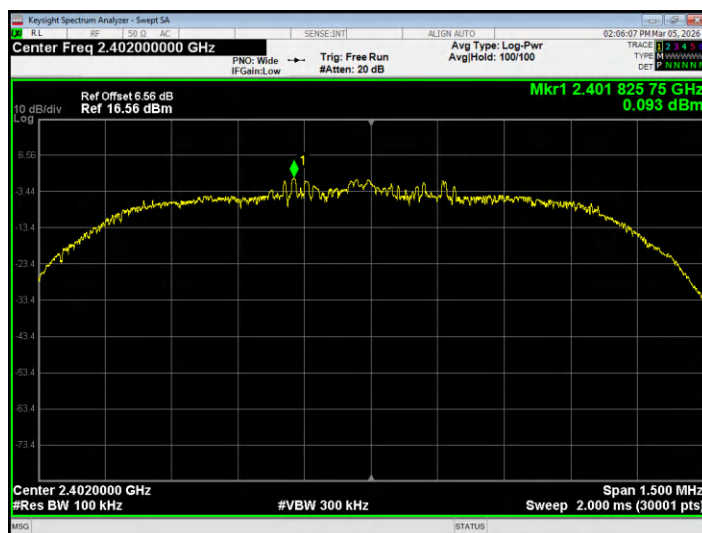
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



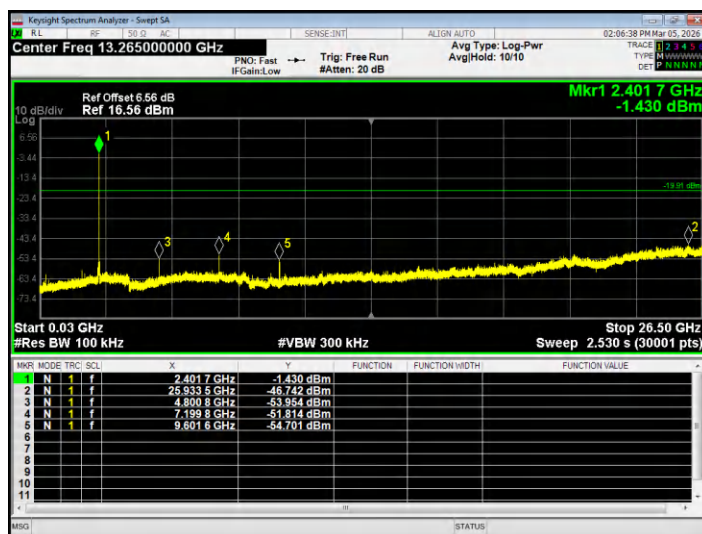
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



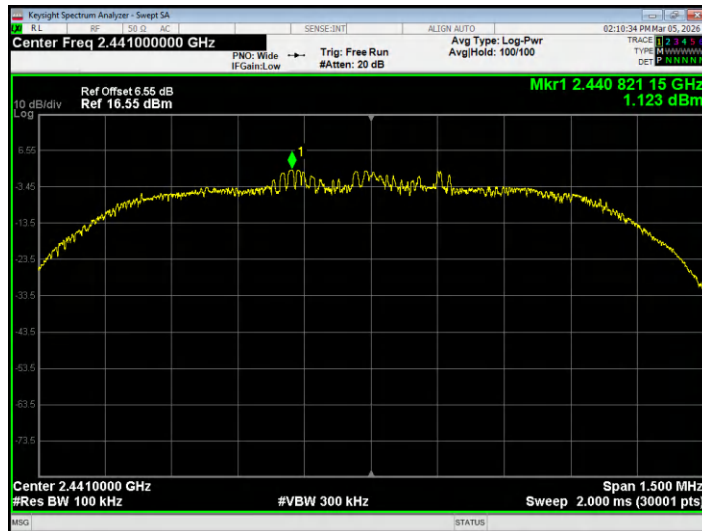
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



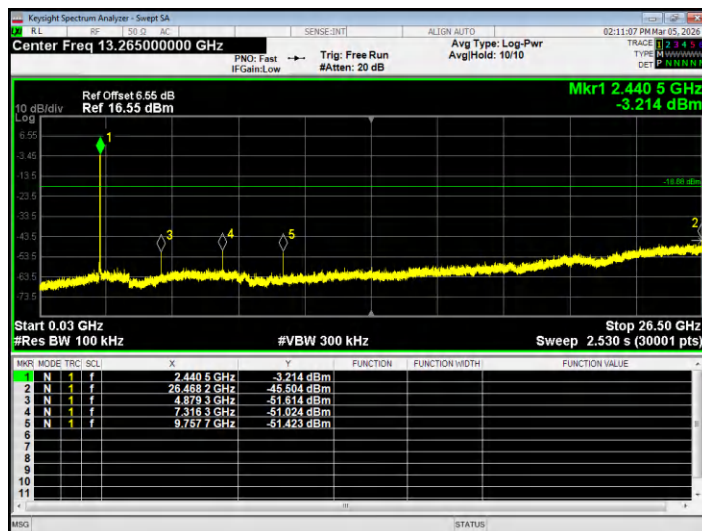
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



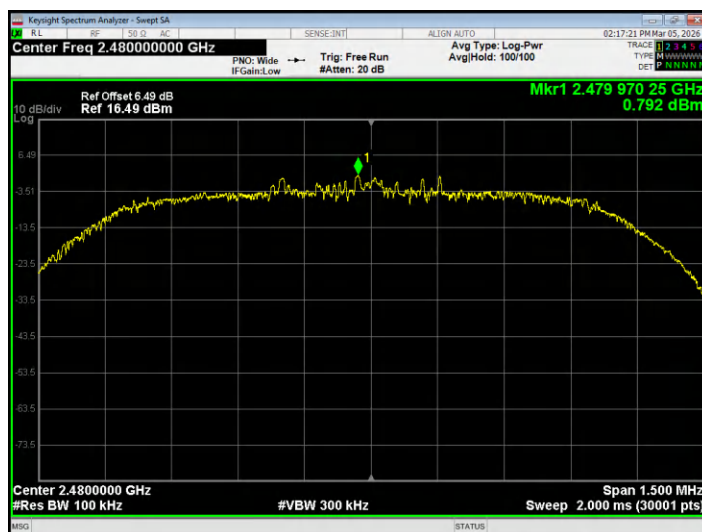
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



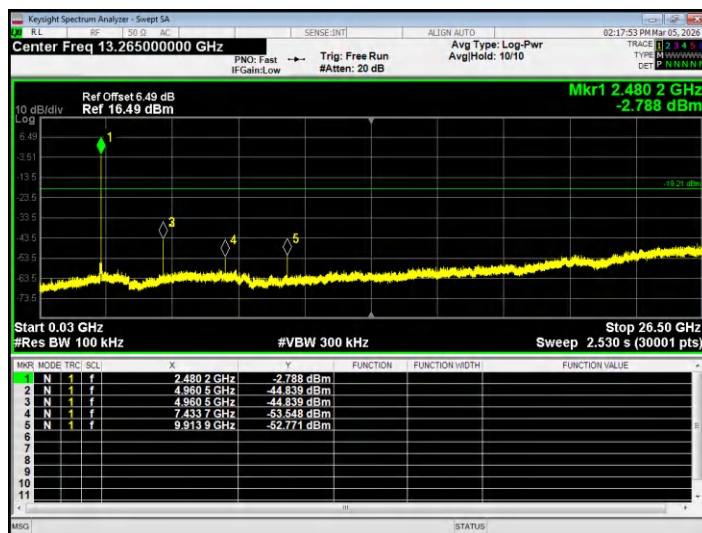
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



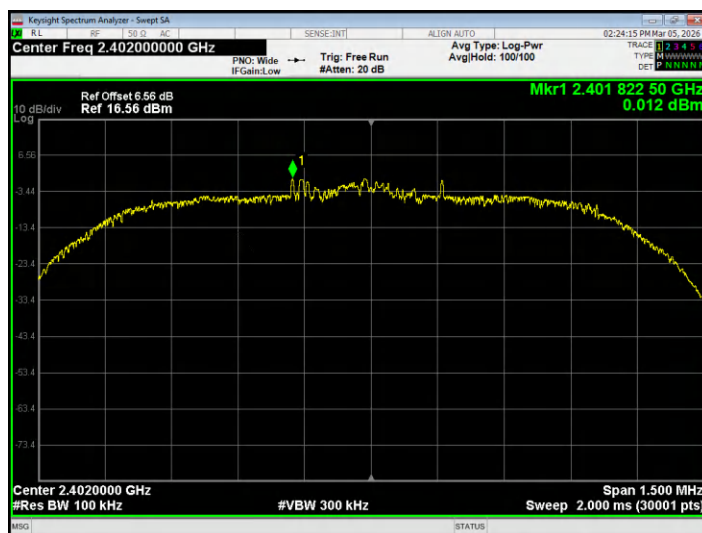
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



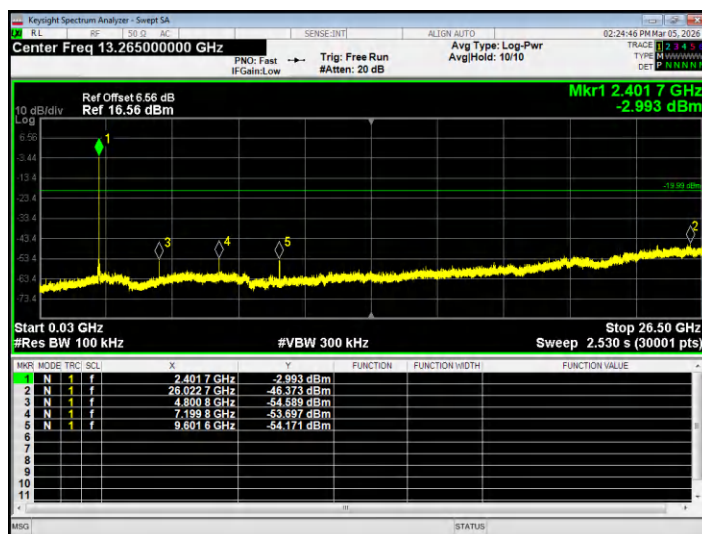
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



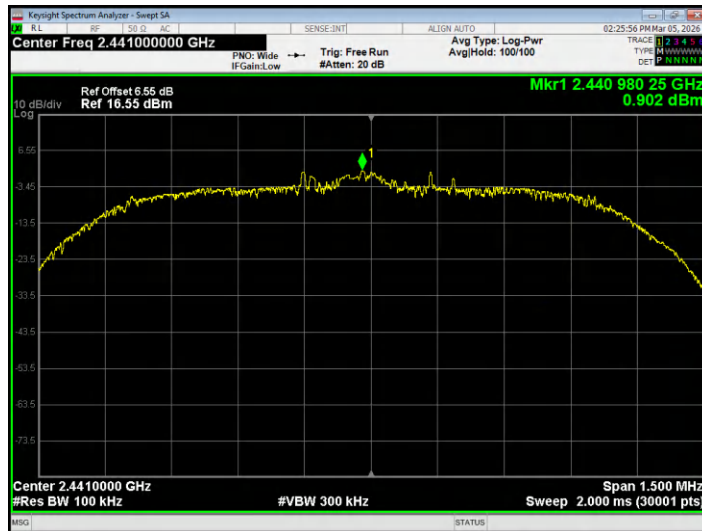
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



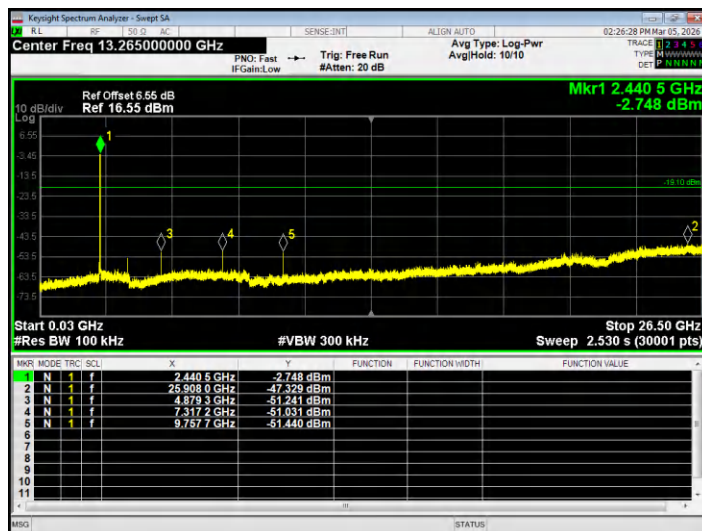
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



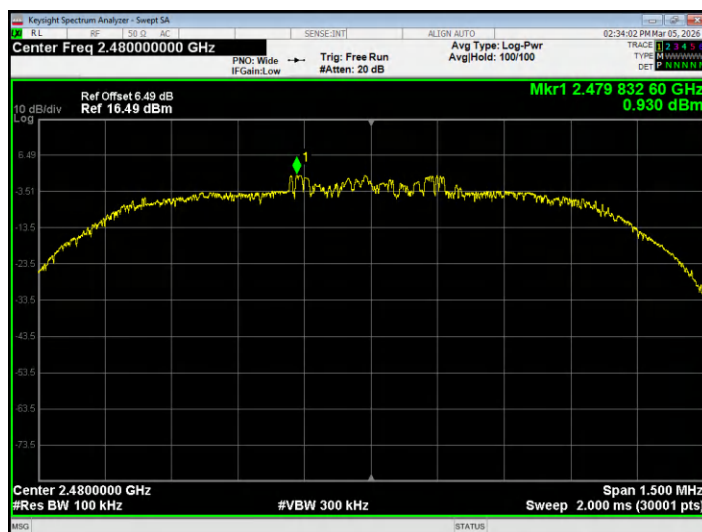
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



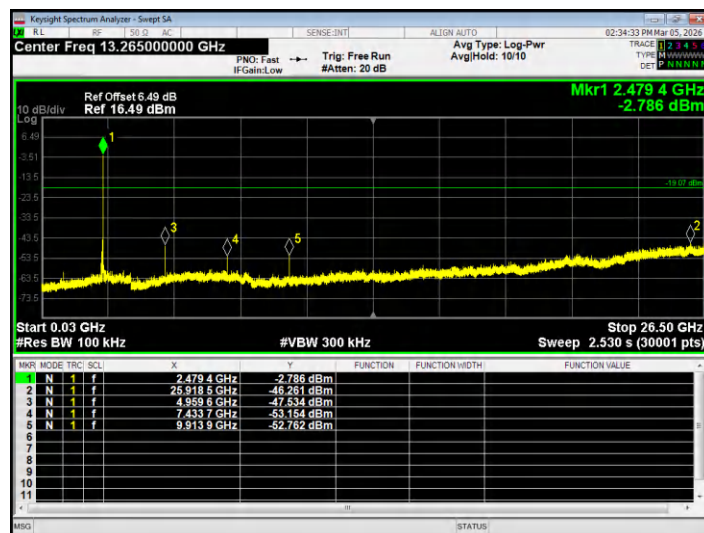
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



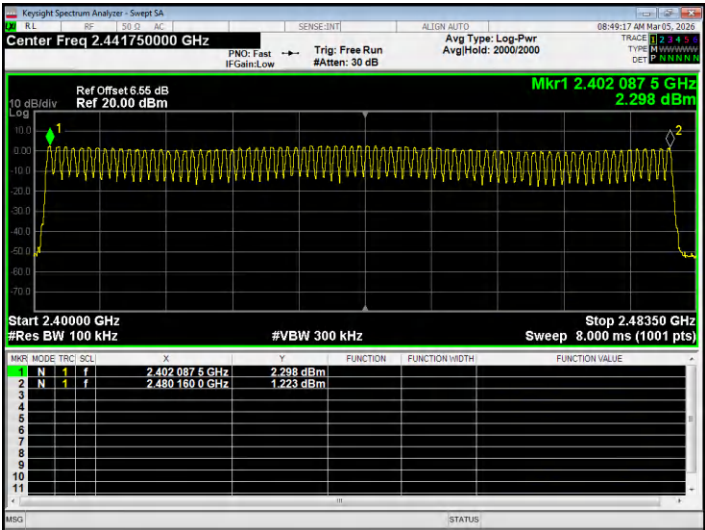
Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



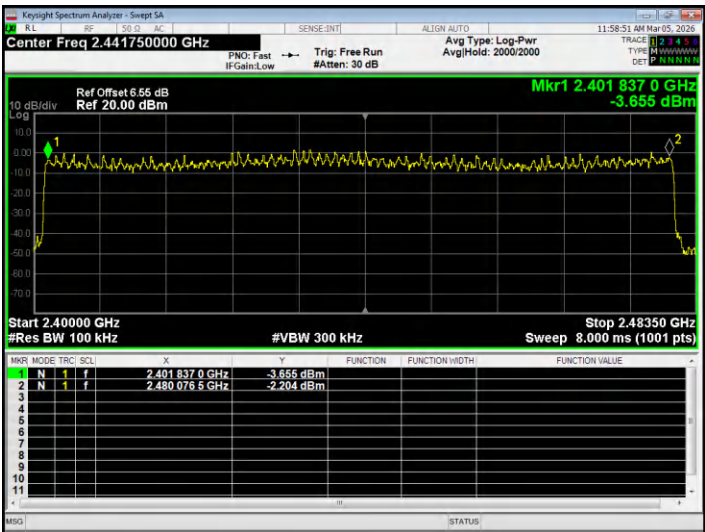
9. Number of Hopping Channel

Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

Hopping No. NVNT 1-DH5 2441MHz Ant1



Hopping No. NVNT 2-DH5 2441MHz Ant1



Hopping No. NVNT 3-DH5 2441MHz Ant1

