

FCC ID: 2BS5G-LYCANSCOUT

Applicant: Dongguan League Electronic Technology Co., Ltd

Address: Building 5, No. 30 Daguang Road, Huangjiang Town Dongguan City, Guangdong Province, China

Manufacturer: Dongguan League Electronic Technology Co., Ltd

Address: Building 5, No. 30 Daguang Road, Huangjiang Town Dongguan City, Guangdong Province, China

Product Name: Outdoor speaker

Trade Mark: N/A

Model Number: LYCANSCOUT

Date of Receipt: Aug. 28, 2026

Test Date: Aug. 28, 2026 - Sep. 10, 2026

Date of Report: Sep. 10, 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

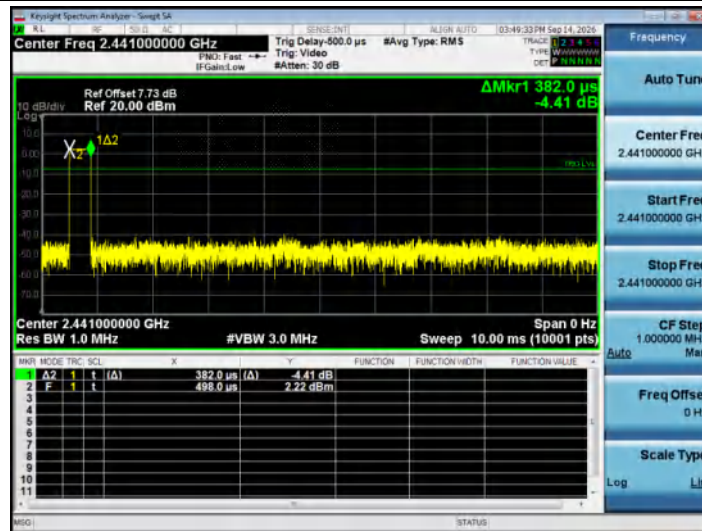
Applicable Standards: FCC PART 15 C 15.247
ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024

Test Result: Pass

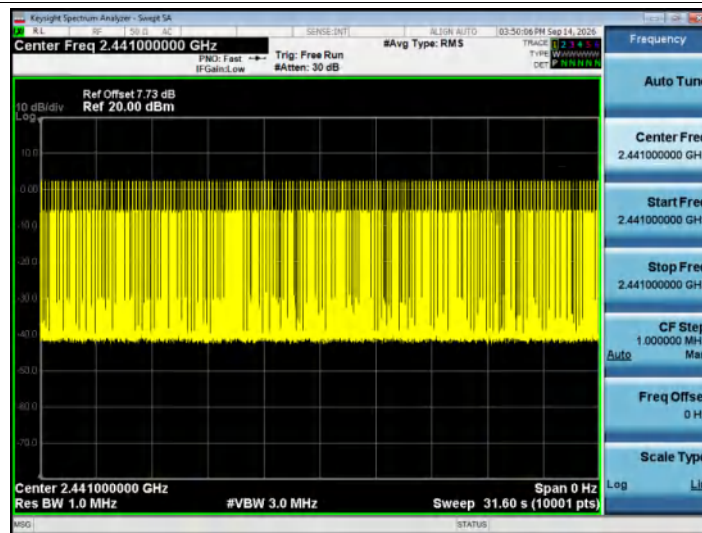
Report Number: DLE-260828020R

Dwell Time

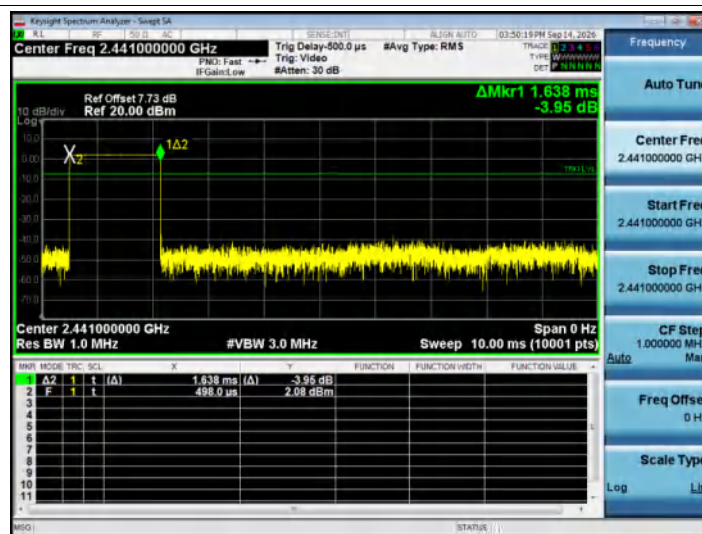
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.382	121.476	318	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.638	265.356	162	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.886	317.46	110	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.39	123.63	317	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.643	271.095	165	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.891	283.318	98	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.391	124.729	319	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.643	267.809	163	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.891	268.863	93	31600	400	Pass



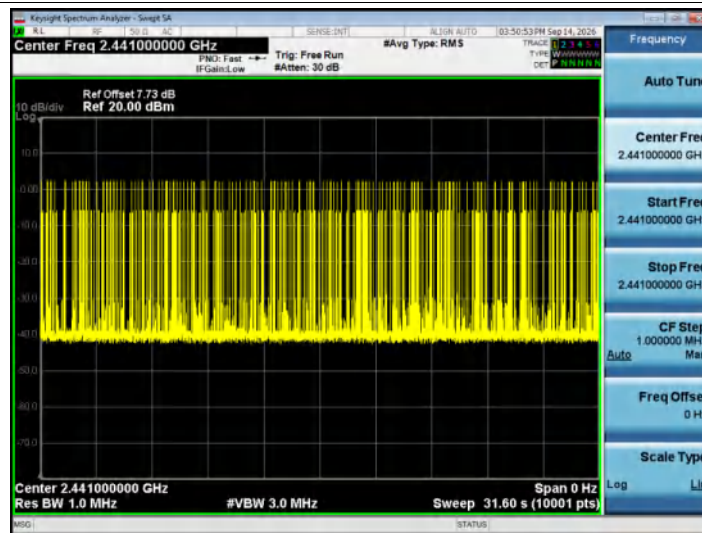
Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



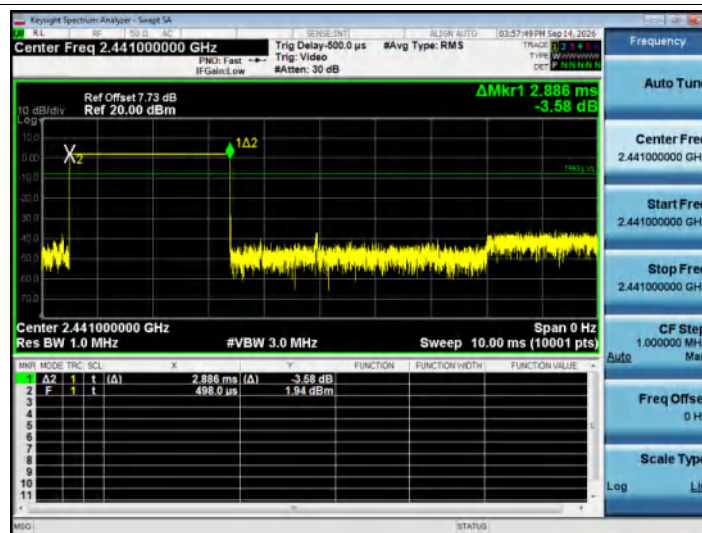
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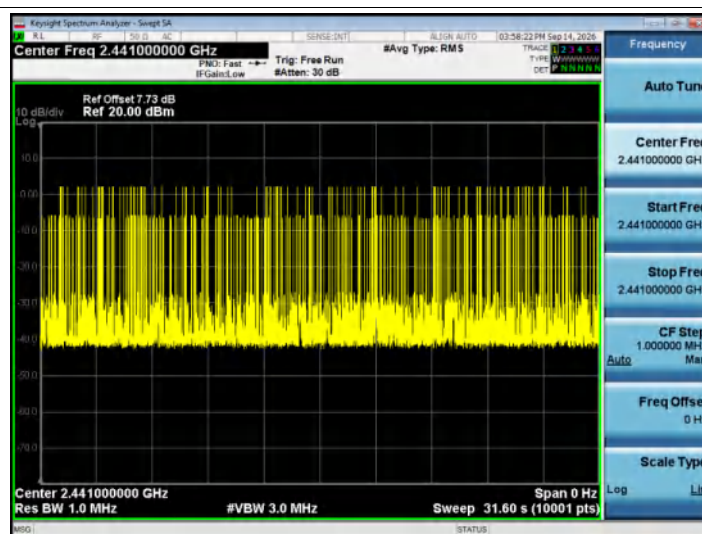
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



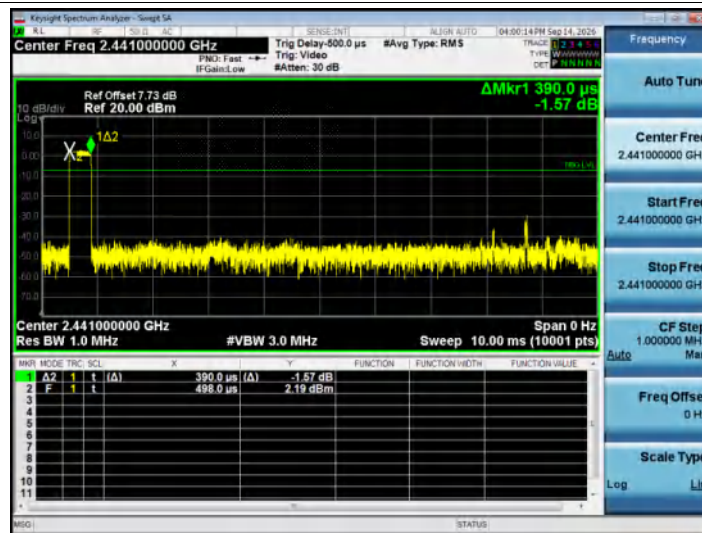
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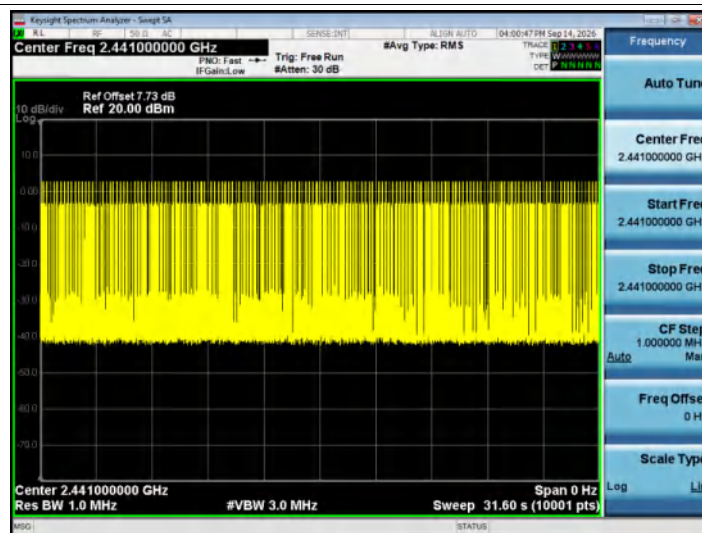
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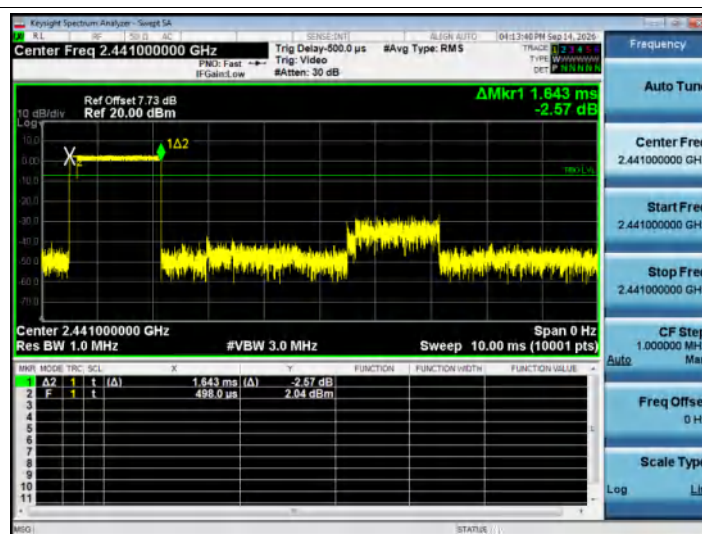
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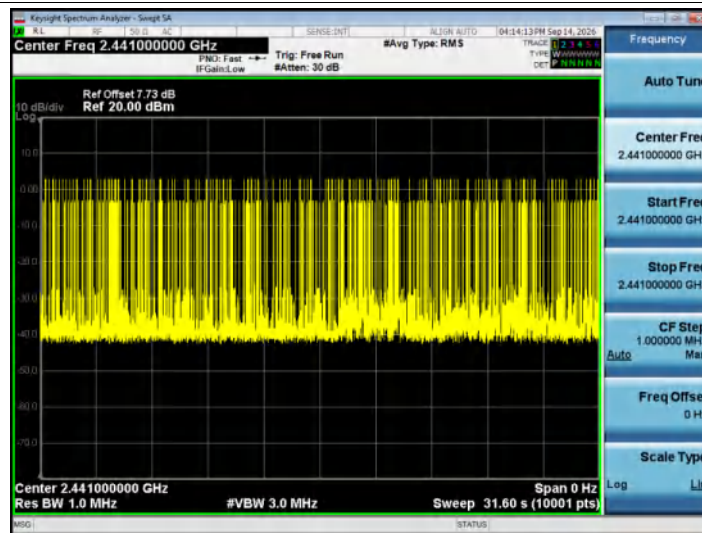
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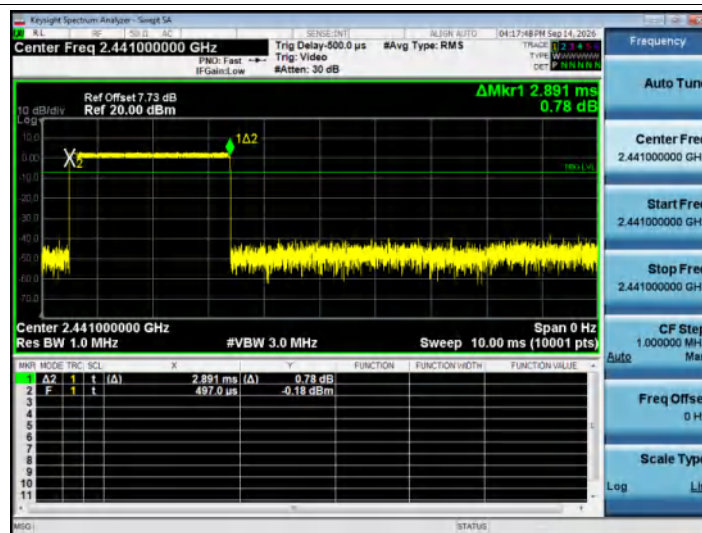
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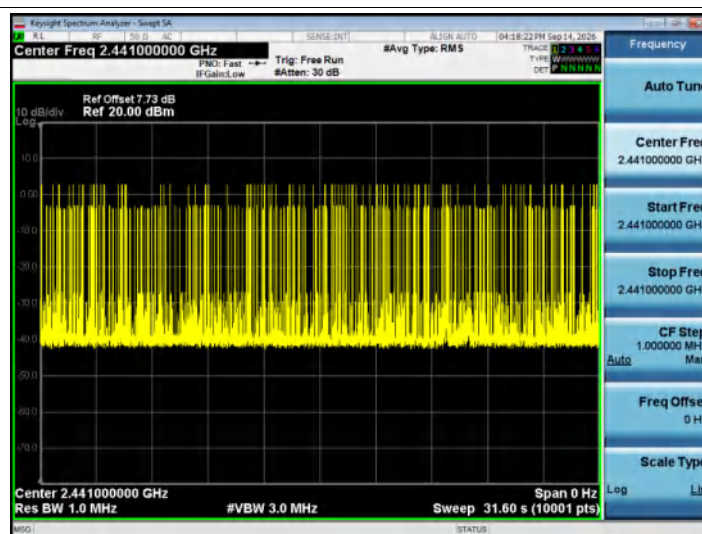
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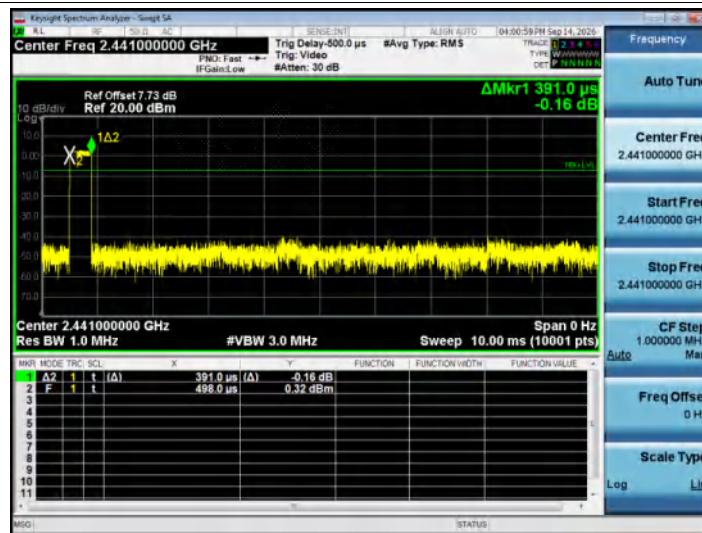
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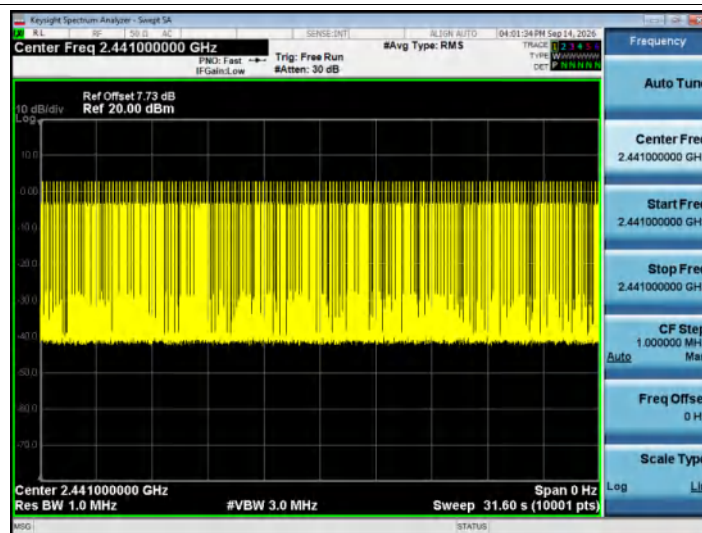
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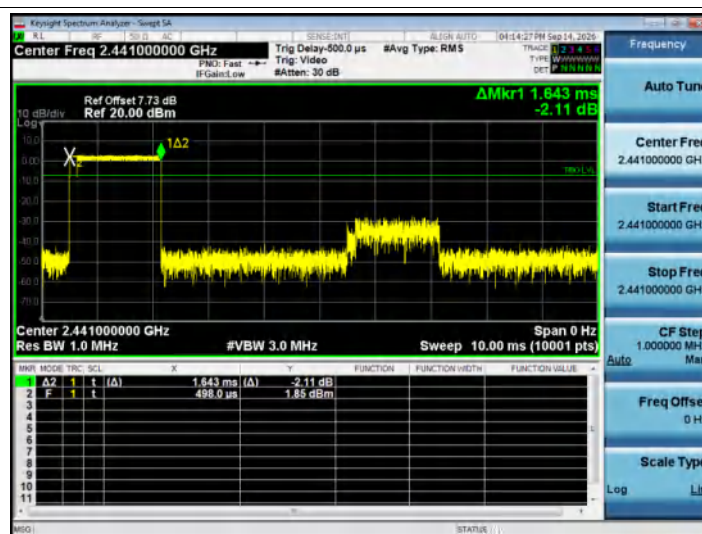
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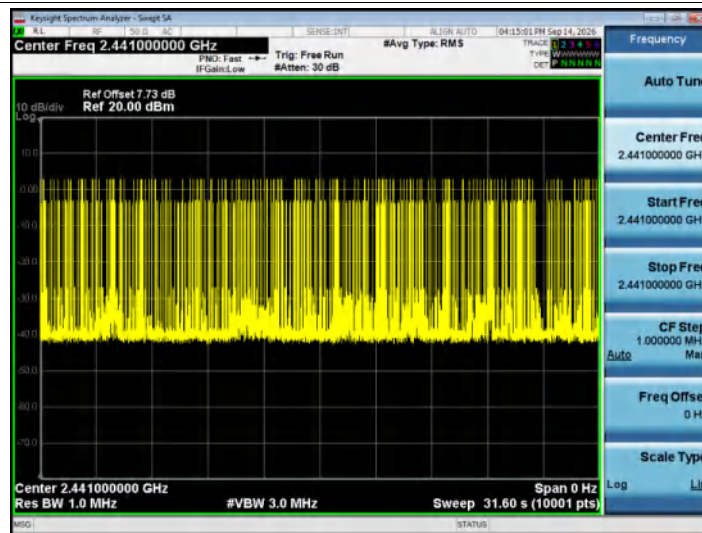
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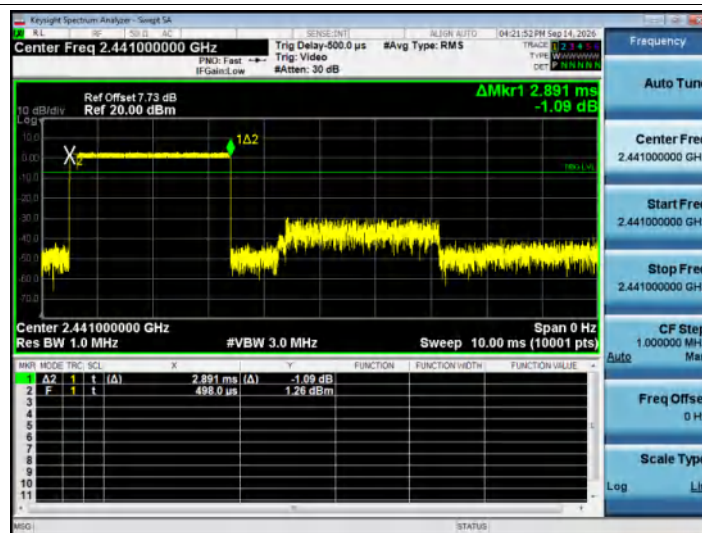
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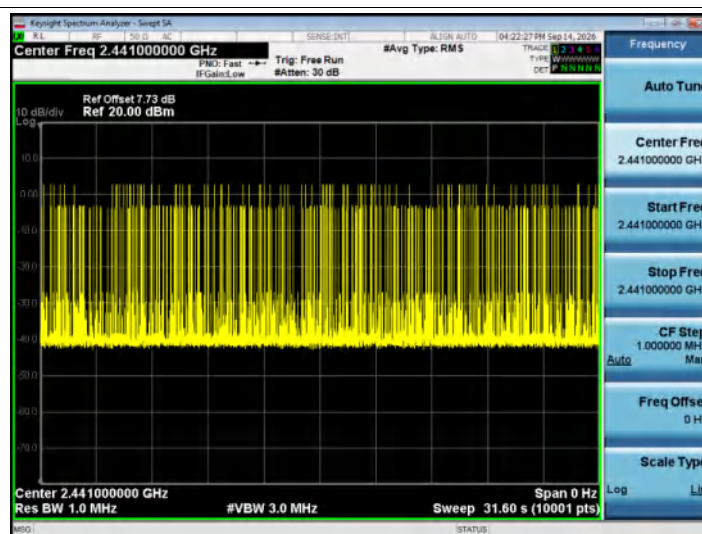
Dwell NVNT 3-DH3 2441MHz Ant1 One Burst



Dwell NVNT 3-DH3 2441MHz Ant1 Accumulated



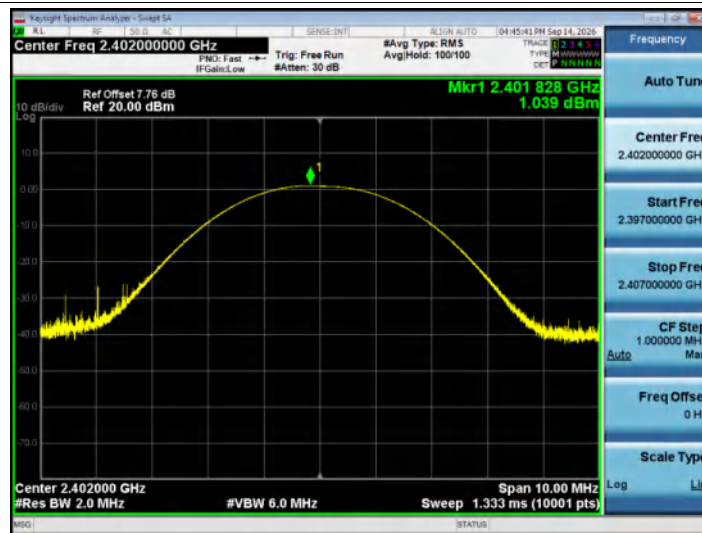
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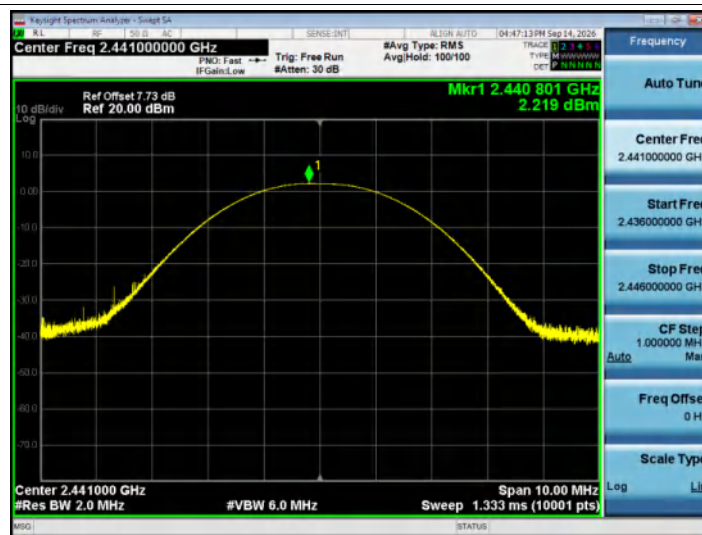
Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated

Maximum Peak Conducted Output Power

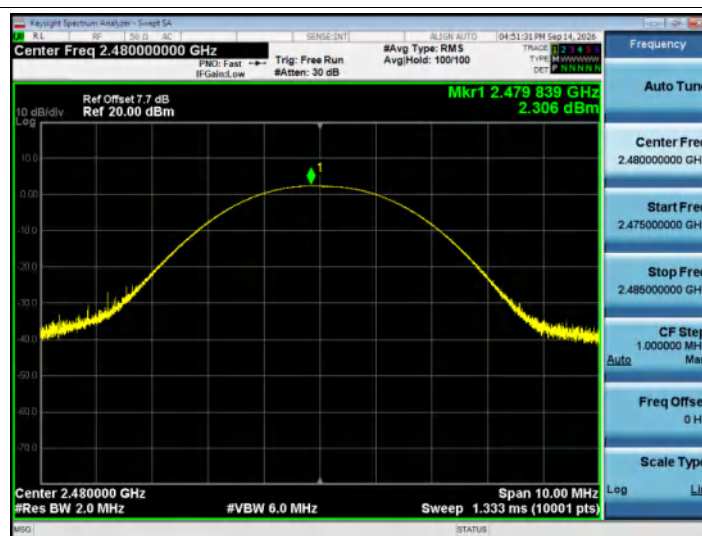
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	1-DH5	2402	Ant1	1.04	21	Pass
NVNT	1-DH5	2441	Ant1	2.22	21	Pass
NVNT	1-DH5	2480	Ant1	2.31	21	Pass
NVNT	2-DH5	2402	Ant1	1.68	21	Pass
NVNT	2-DH5	2441	Ant1	2.91	21	Pass
NVNT	2-DH5	2480	Ant1	3.05	21	Pass
NVNT	3-DH5	2402	Ant1	1.75	21	Pass
NVNT	3-DH5	2441	Ant1	2.92	21	Pass
NVNT	3-DH5	2480	Ant1	3.08	21	Pass



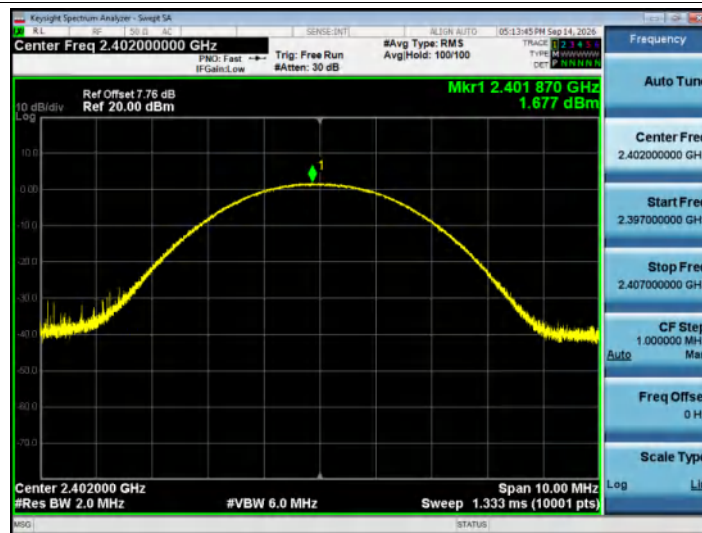
Peak Power NVNT 1-DH5 2402MHz Ant1



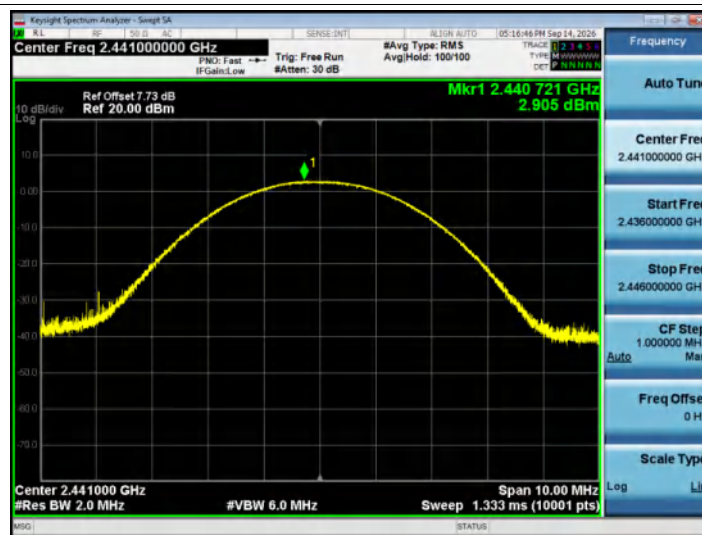
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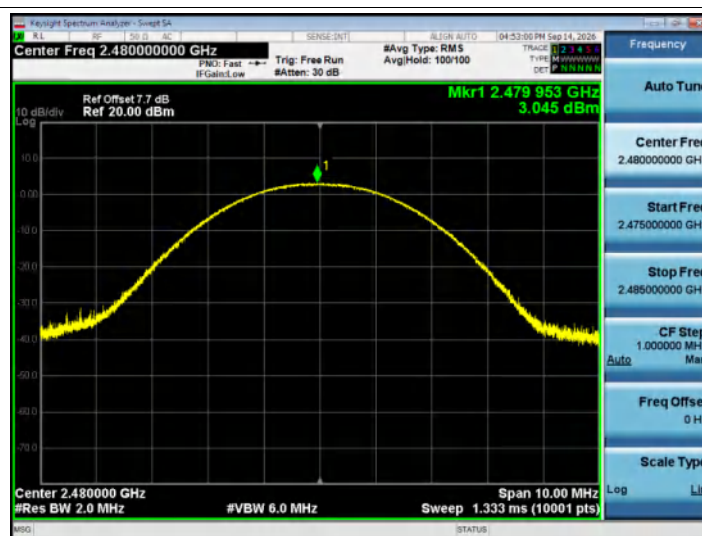
Peak Power NVNT 1-DH5 2480MHz Ant1



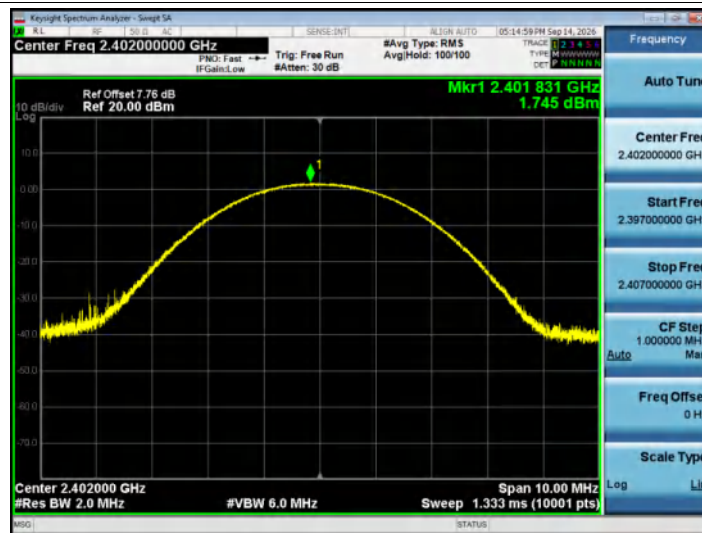
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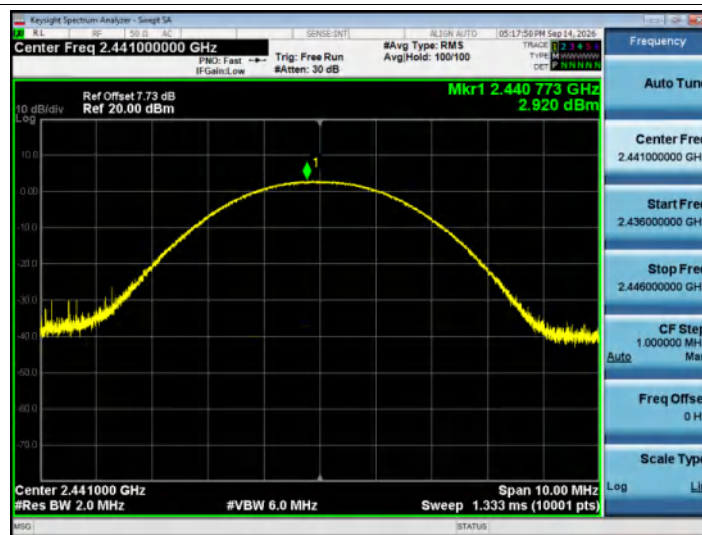
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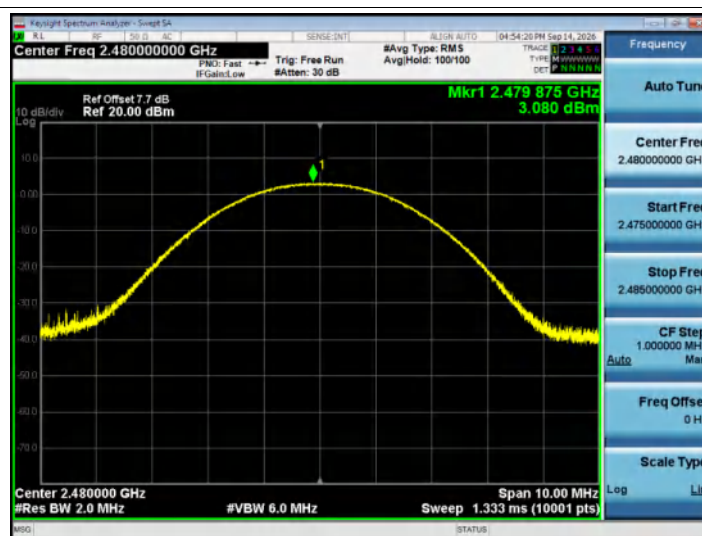
Peak Power NVNT 2-DH5 2480MHz Ant1



Peak Power NVNT 3-DH5 2402MHz Ant1



Peak Power NVNT 3-DH5 2441MHz Ant1



Peak Power NVNT 3-DH5 2480MHz Ant1

-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.9508	Pass
NVNT	1-DH5	2441	Ant1	0.9495	Pass
NVNT	1-DH5	2480	Ant1	0.9489	Pass
NVNT	2-DH5	2402	Ant1	1.324	Pass
NVNT	2-DH5	2441	Ant1	1.31	Pass
NVNT	2-DH5	2480	Ant1	1.273	Pass
NVNT	3-DH5	2402	Ant1	1.303	Pass
NVNT	3-DH5	2441	Ant1	1.275	Pass
NVNT	3-DH5	2480	Ant1	1.297	Pass



-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.84478
NVNT	1-DH5	2441	Ant1	0.8582
NVNT	1-DH5	2480	Ant1	0.86988
NVNT	2-DH5	2402	Ant1	1.1761
NVNT	2-DH5	2441	Ant1	1.1809
NVNT	2-DH5	2480	Ant1	1.1802
NVNT	3-DH5	2402	Ant1	1.1787
NVNT	3-DH5	2441	Ant1	1.181
NVNT	3-DH5	2480	Ant1	1.2073



OBW NVNT 1-DH5 2402MHz Ant1



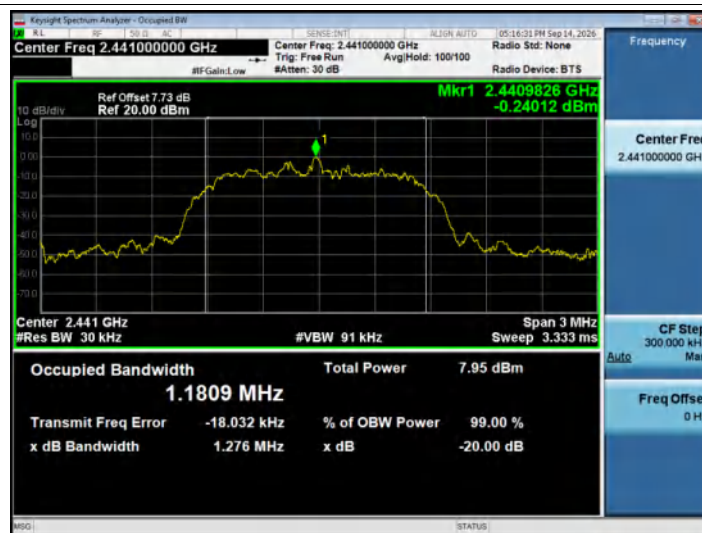
OBW NVNT 1-DH5 2441MHz Ant1



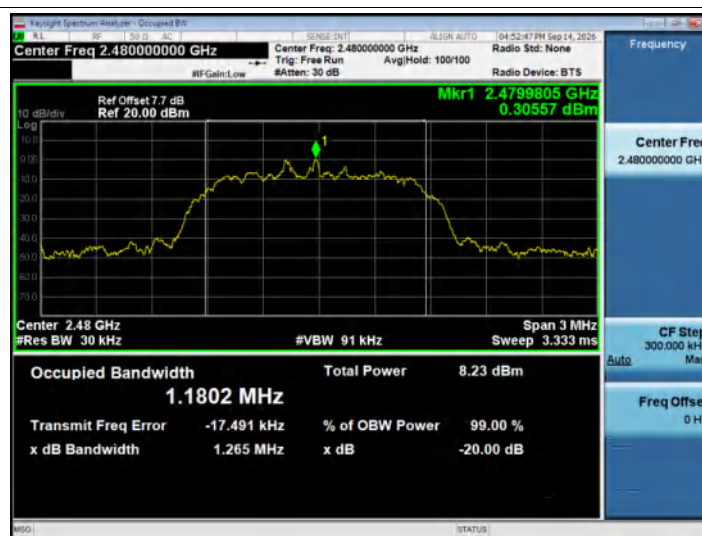
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OBW NVNT 2-DH5 2402MHz Ant1



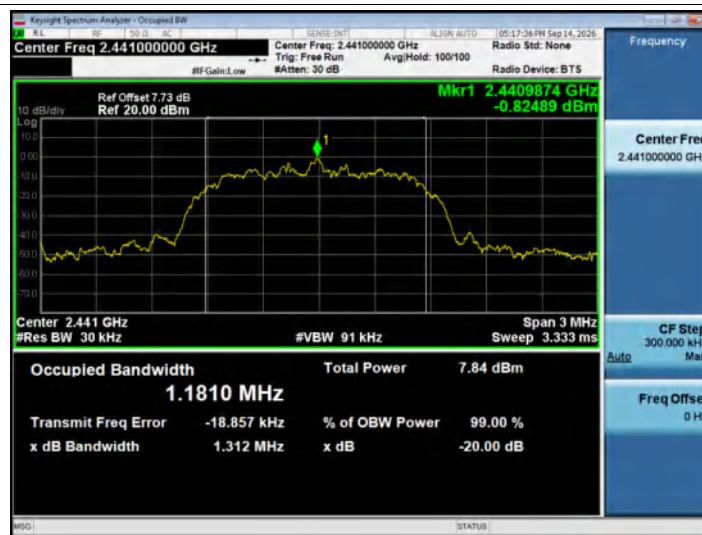
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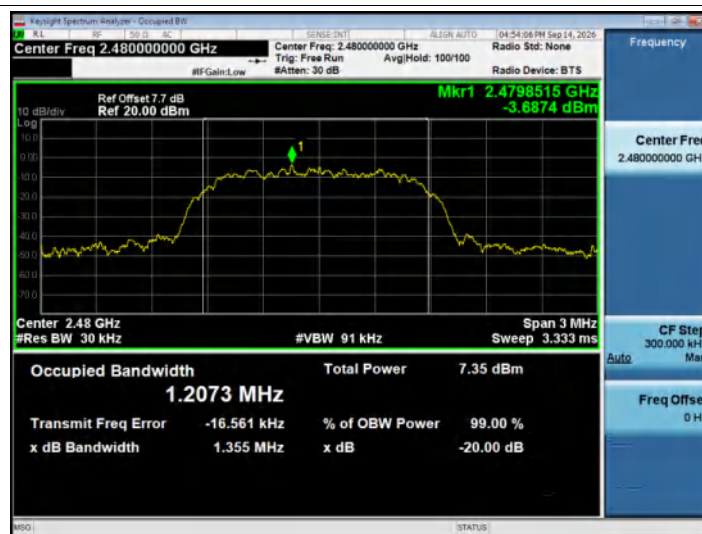
OBW NVNT 2-DH5 2480MHz Ant1



OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2441MHz Ant1

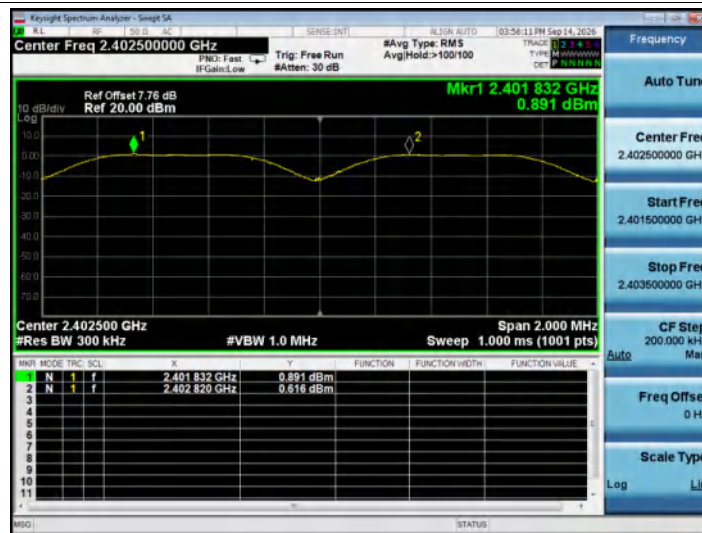


OBW NVNT 3-DH5 2480MHz Ant1

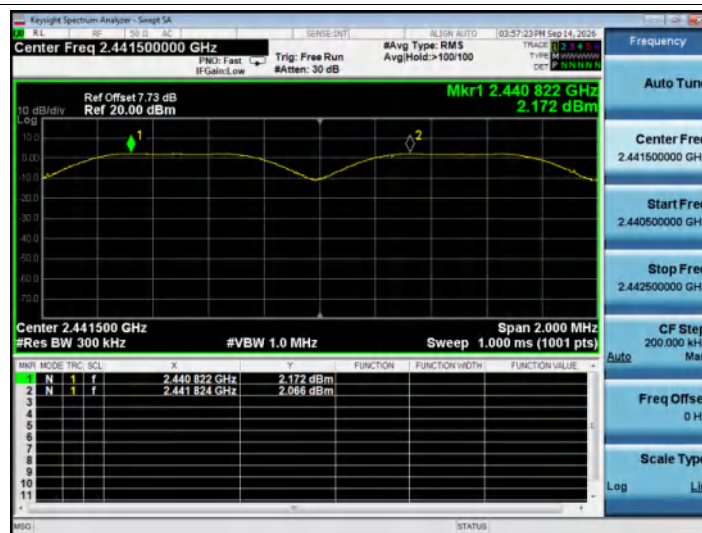
Carrier Frequencies Separation

Condition	Mode	Antenna	Frequency (MHz)	HFS (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	Hopping	0.988	0.9508	0.634	Pass
NVNT	1-DH5	Ant1	Hopping	1.002	0.9495	0.633	Pass
NVNT	1-DH5	Ant1	Hopping	0.986	0.9489	0.633	Pass
NVNT	2-DH5	Ant1	Hopping	0.99	1.324	0.883	Pass
NVNT	2-DH5	Ant1	Hopping	0.962	1.31	0.873	Pass
NVNT	2-DH5	Ant1	Hopping	1.142	1.273	0.849	Pass
NVNT	3-DH5	Ant1	Hopping	1.018	1.303	0.869	Pass
NVNT	3-DH5	Ant1	Hopping	0.986	1.275	0.850	Pass
NVNT	3-DH5	Ant1	Hopping	1.002	1.297	0.865	Pass

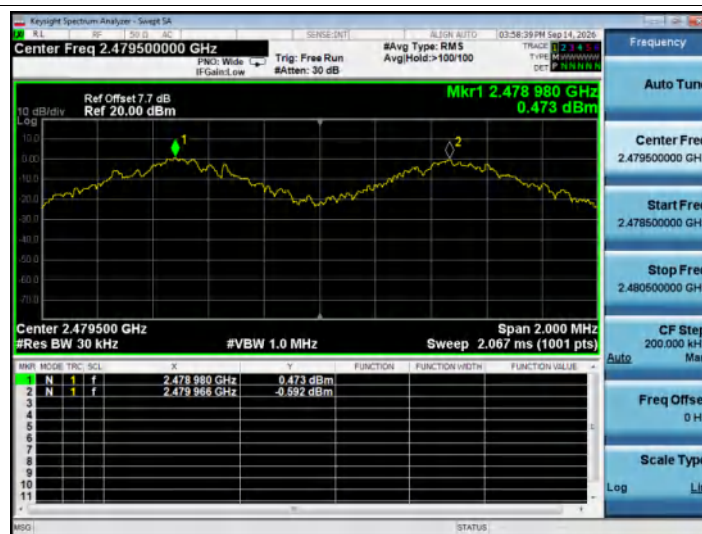
Report



CFS NVNT 1-DH5 2402MHz Ant1

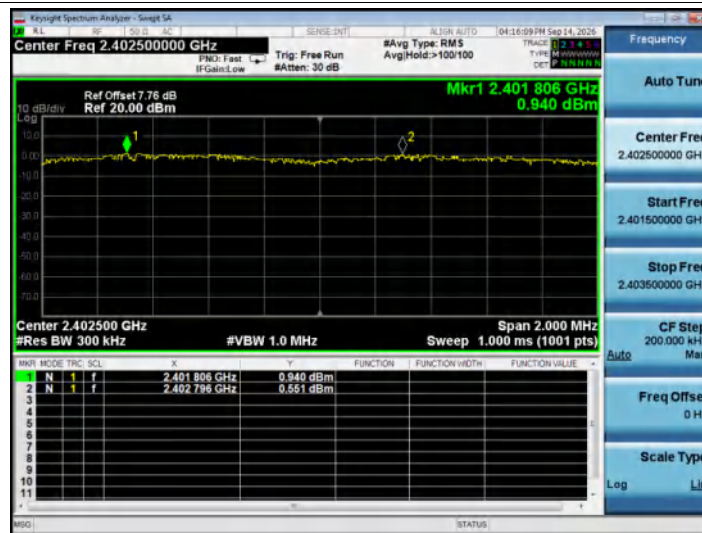


CFS NVNT 1-DH5 2441MHz Ant1

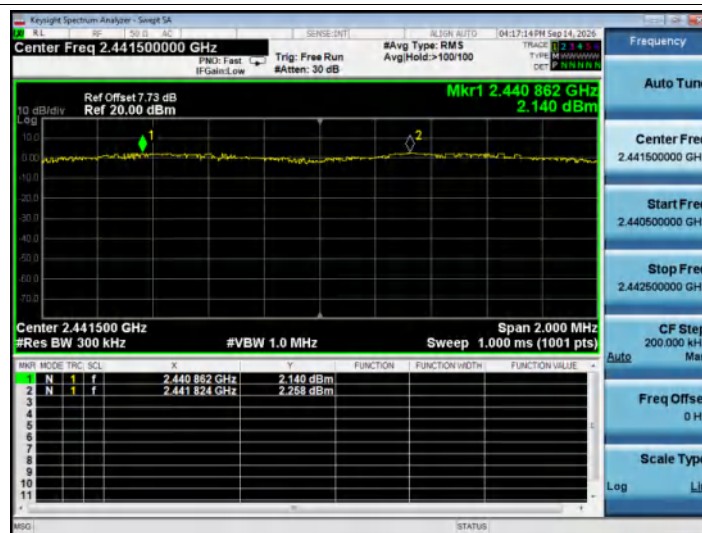


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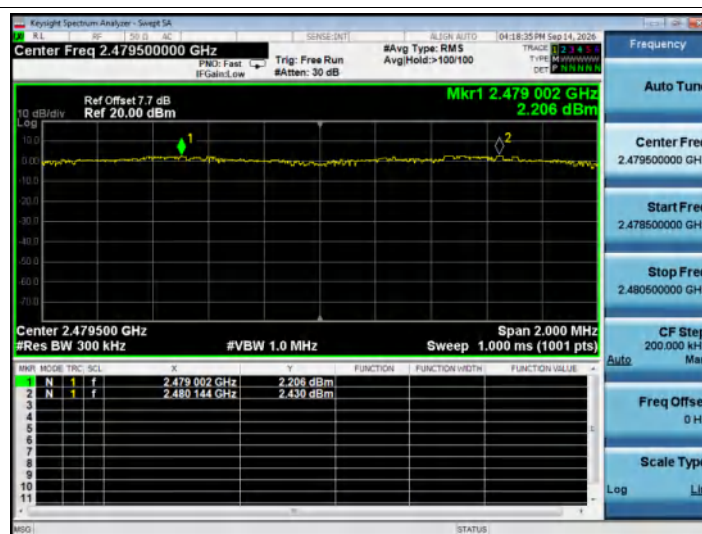
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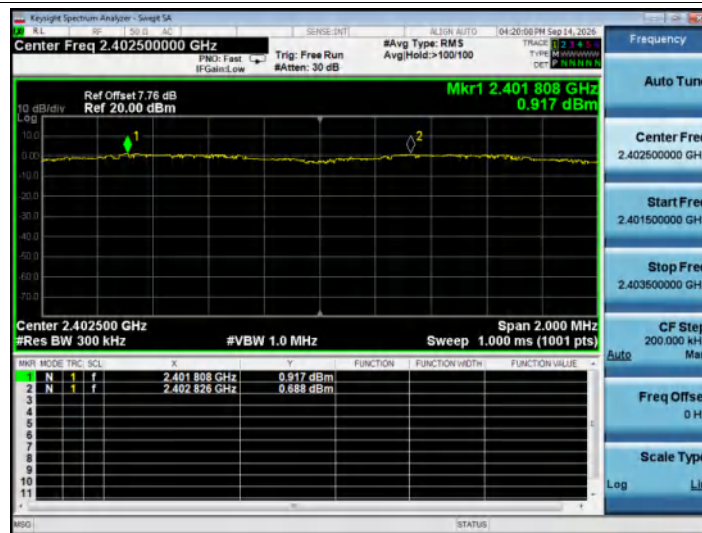
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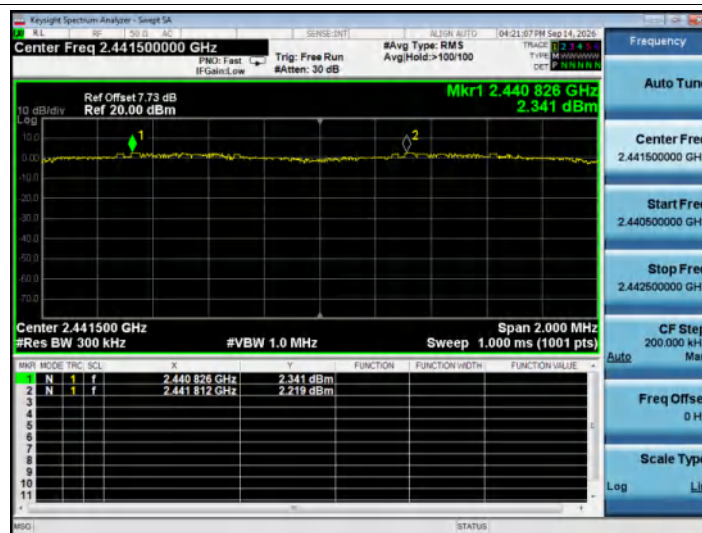
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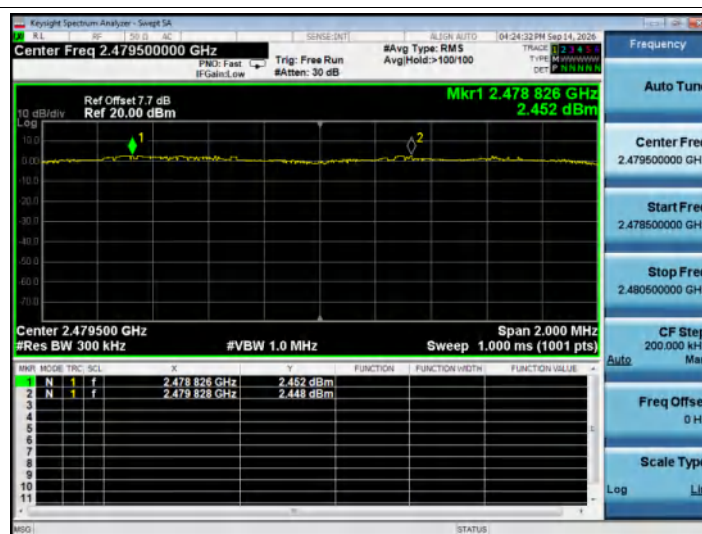
CFS NVNT 2-DH5 2480MHz Ant1



CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1

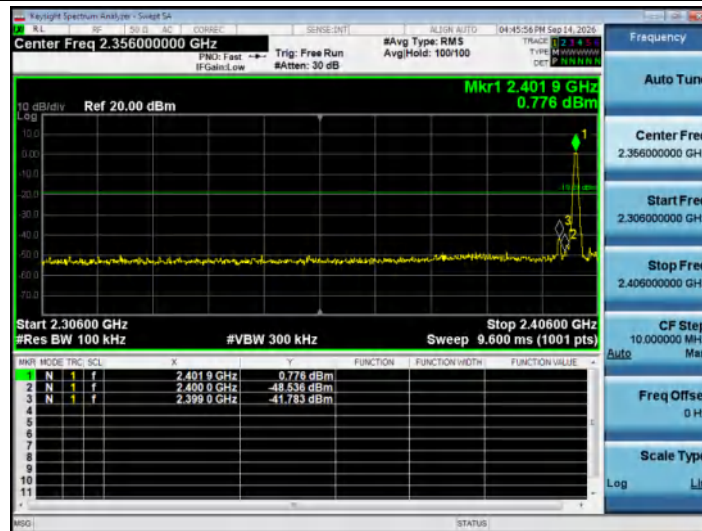


CFS NVNT 3-DH5 2480MHz Ant1

Band Edge



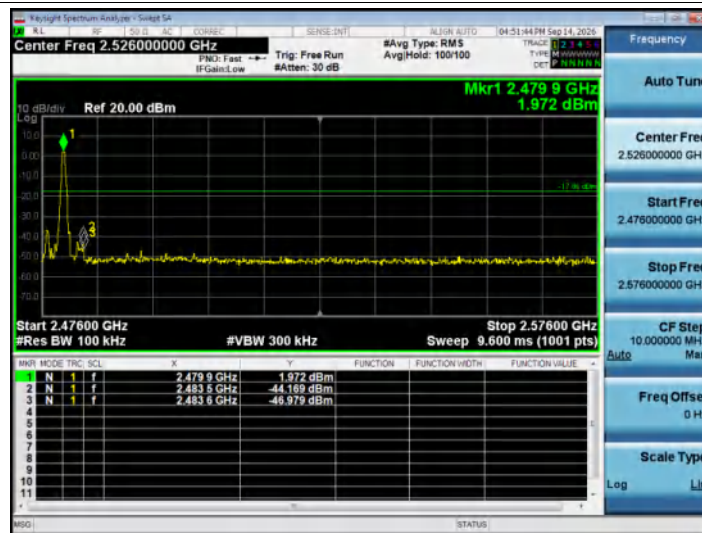
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



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



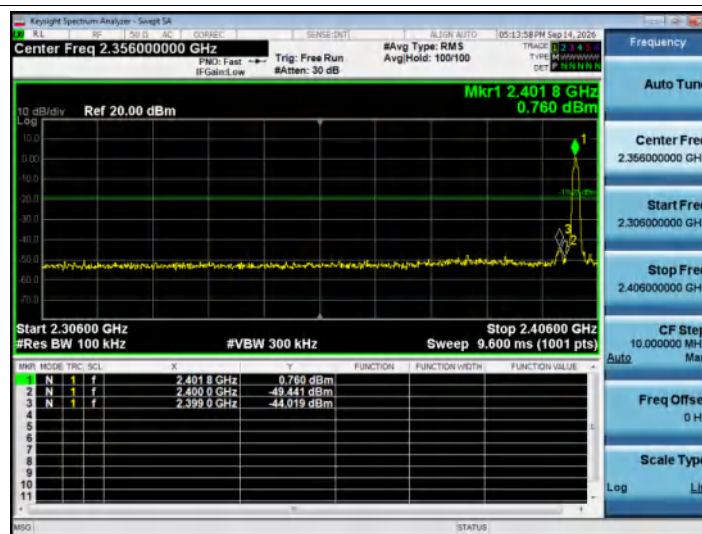
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



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



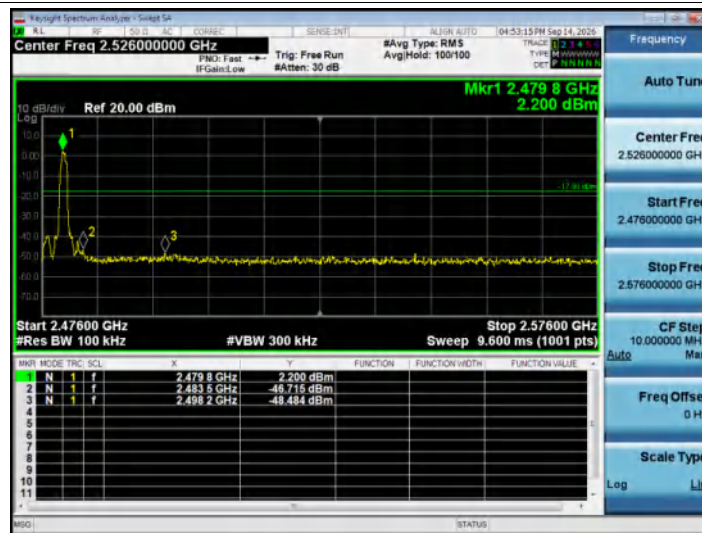
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



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



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

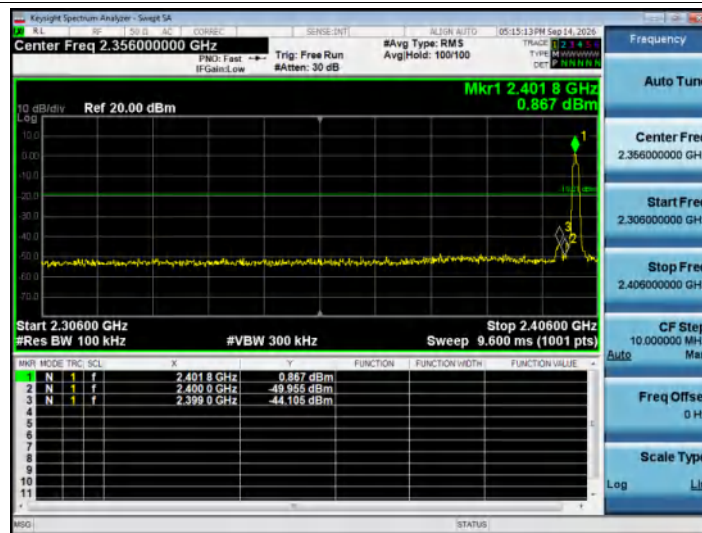


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



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

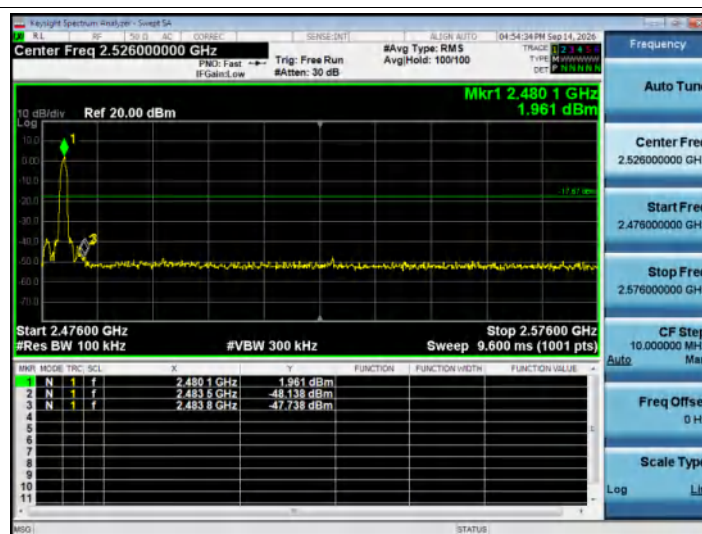
Report



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



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

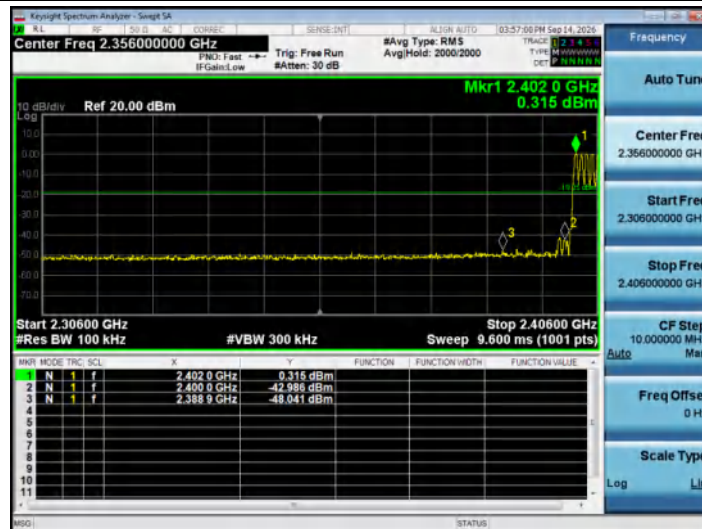


Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

Band Edge(Hopping)



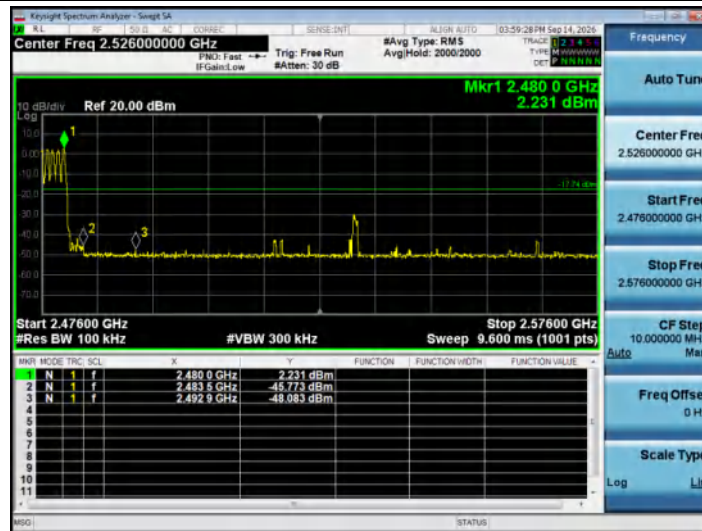
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



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



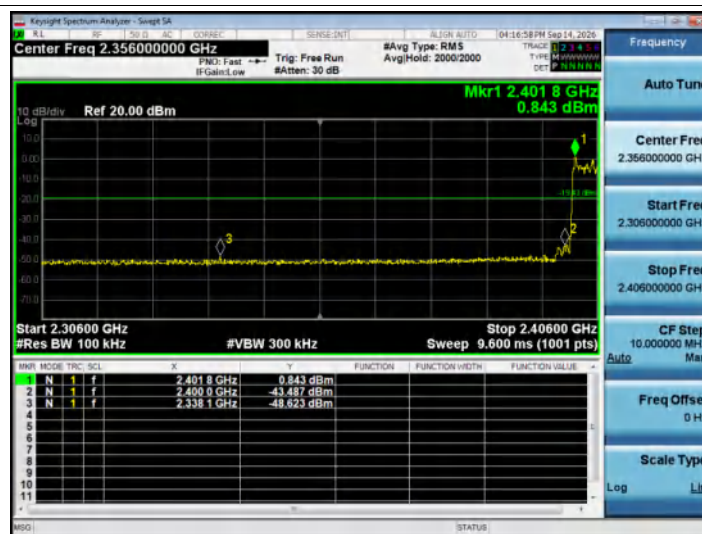
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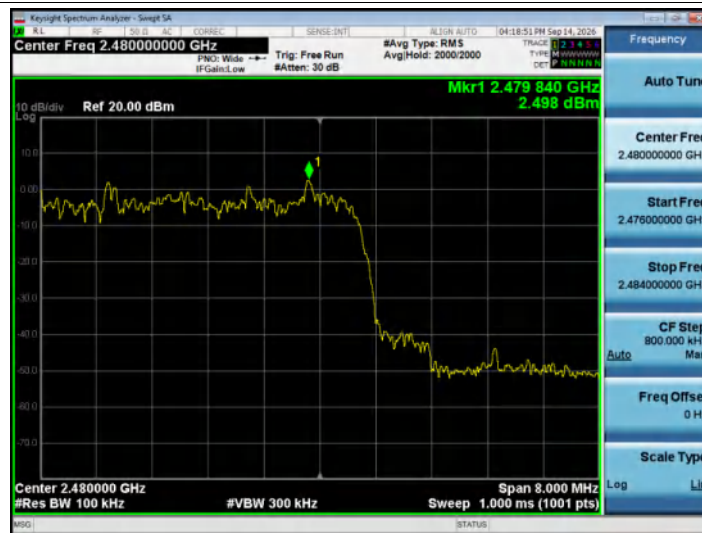
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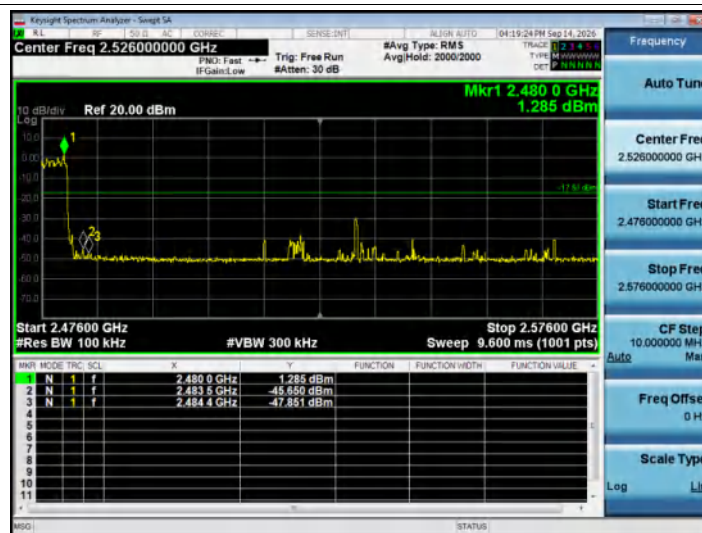
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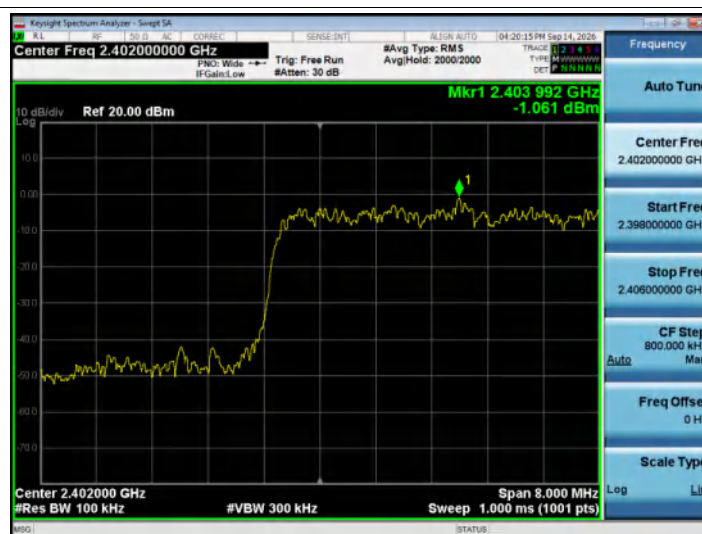
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



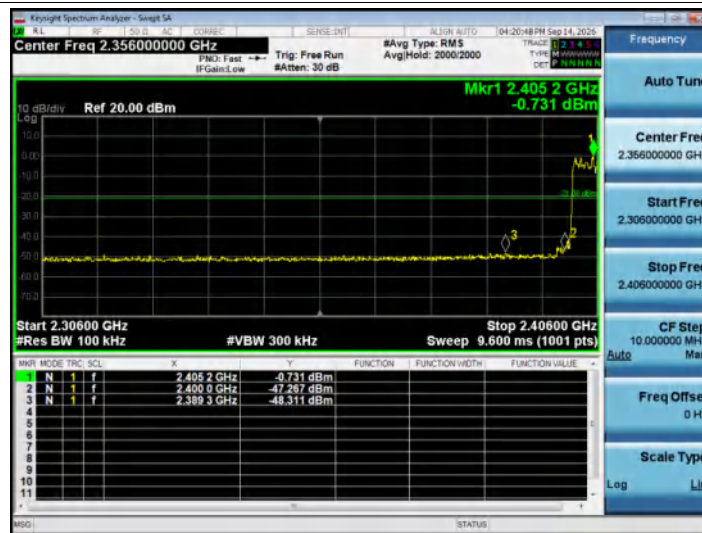
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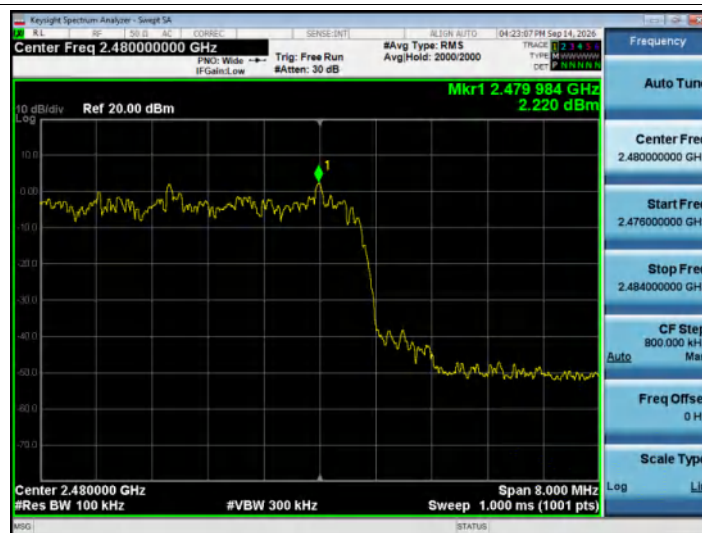
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



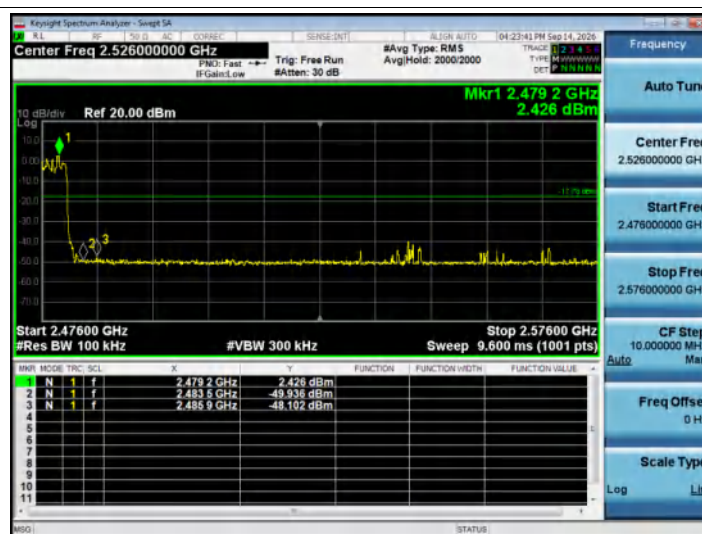
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



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



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

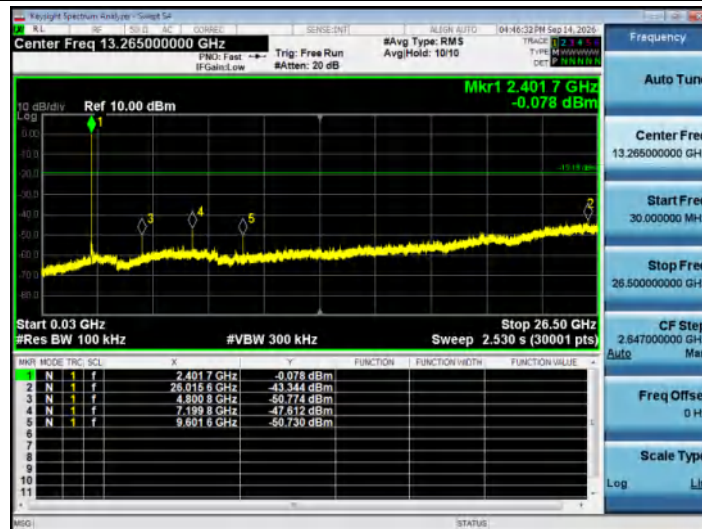


Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

Conducted RF Spurious Emission



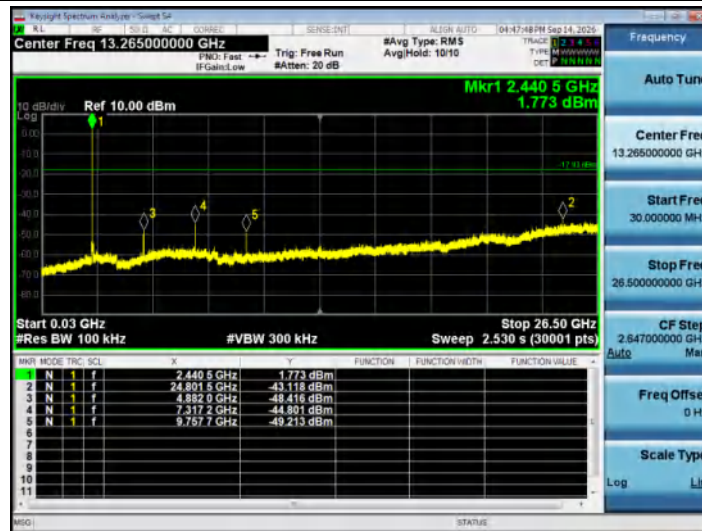
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



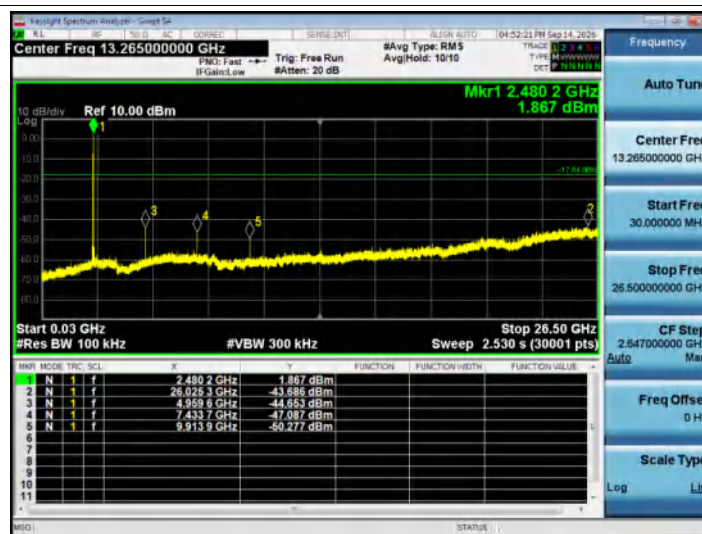
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



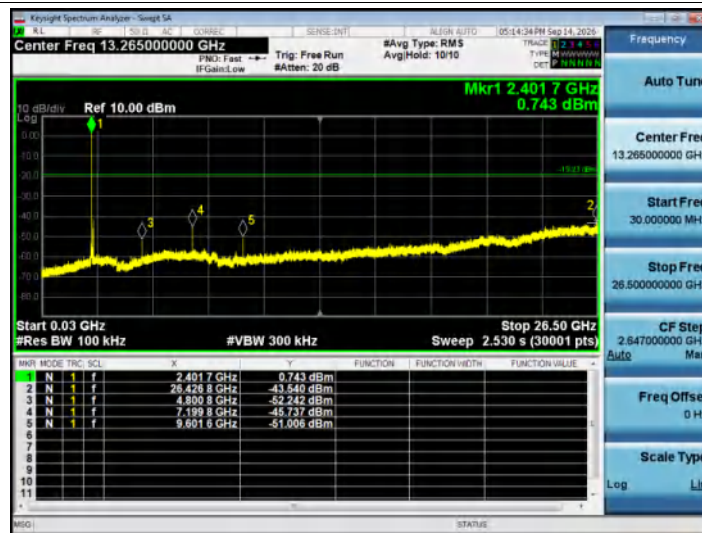
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



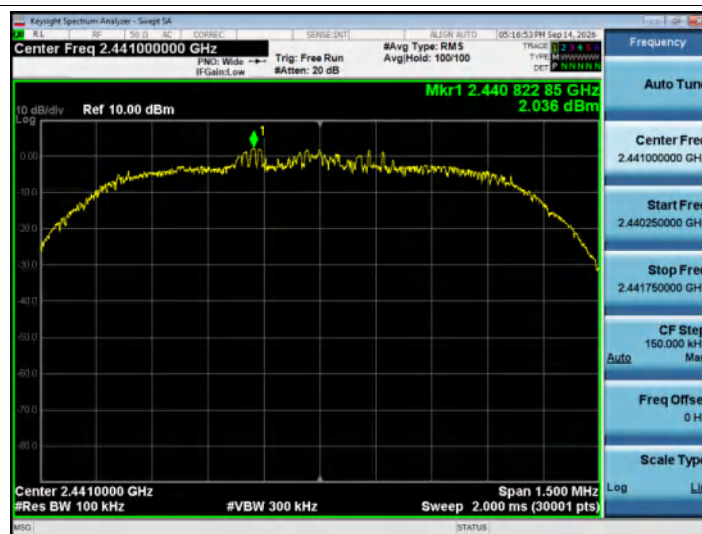
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



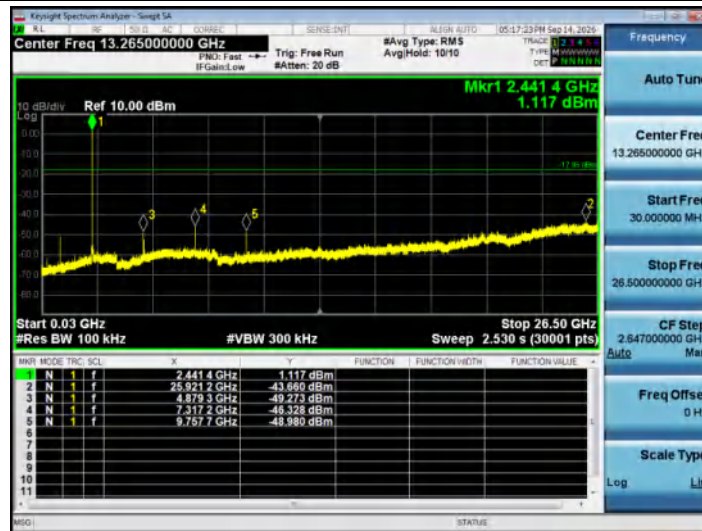
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



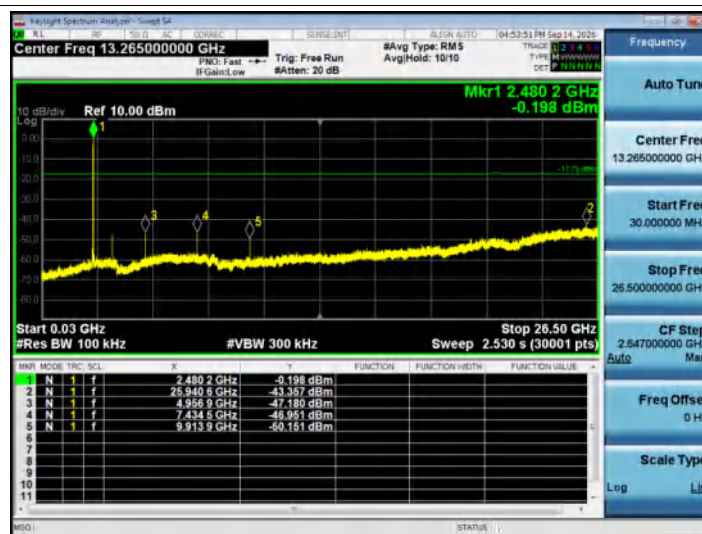
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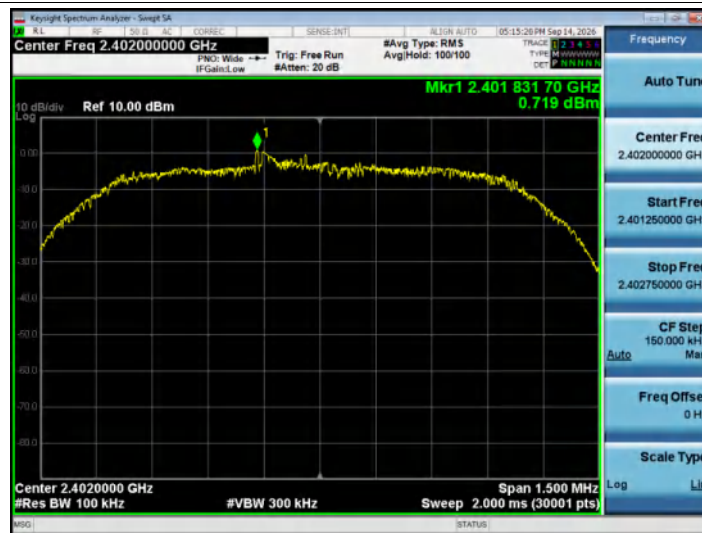
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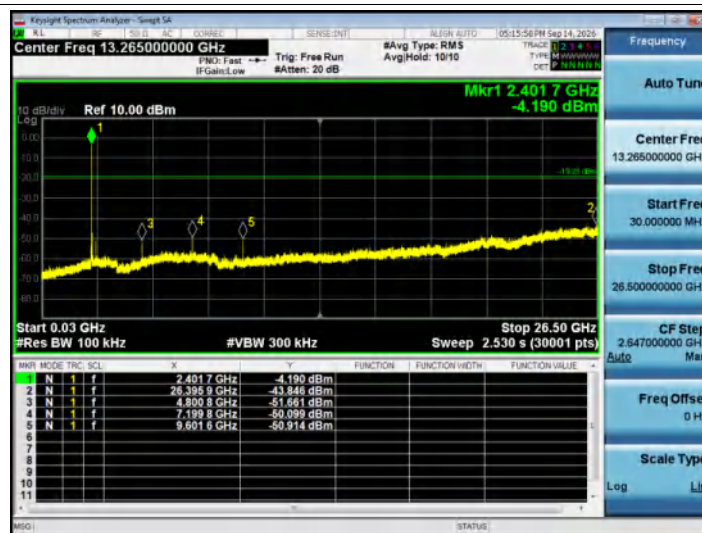
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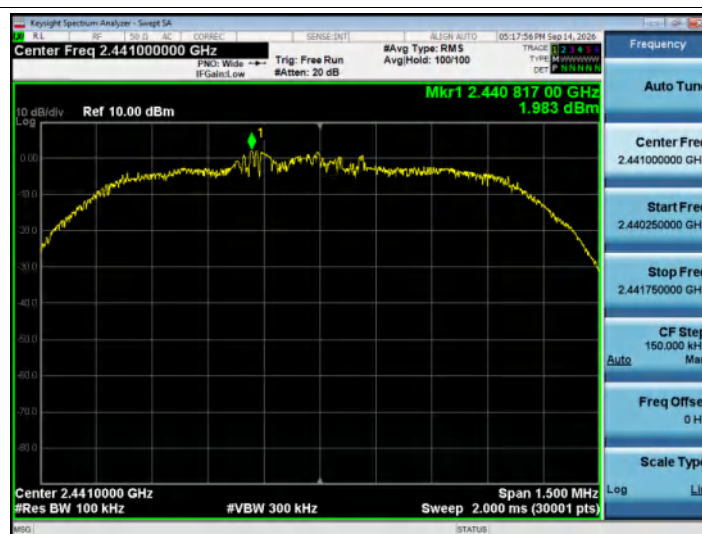
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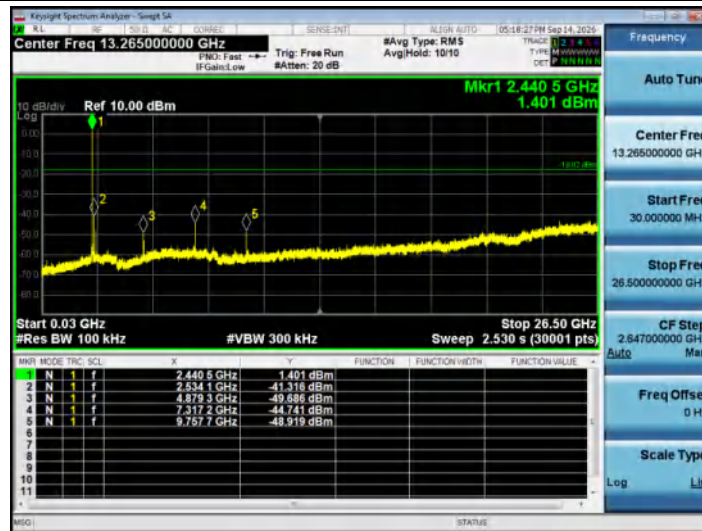
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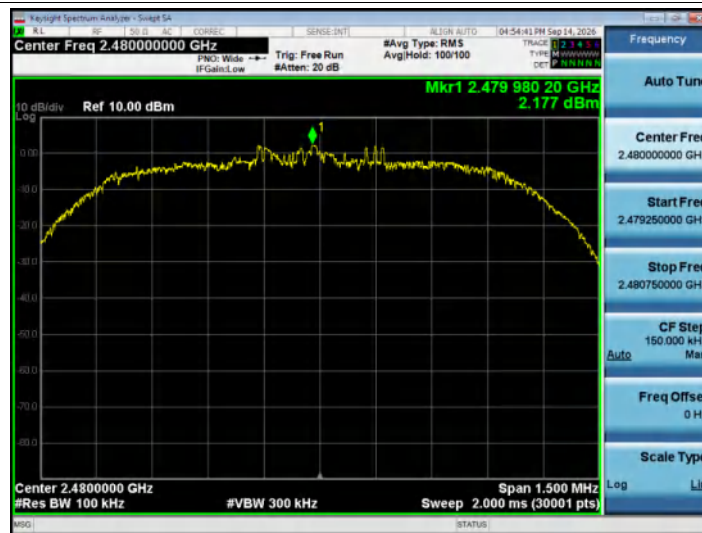
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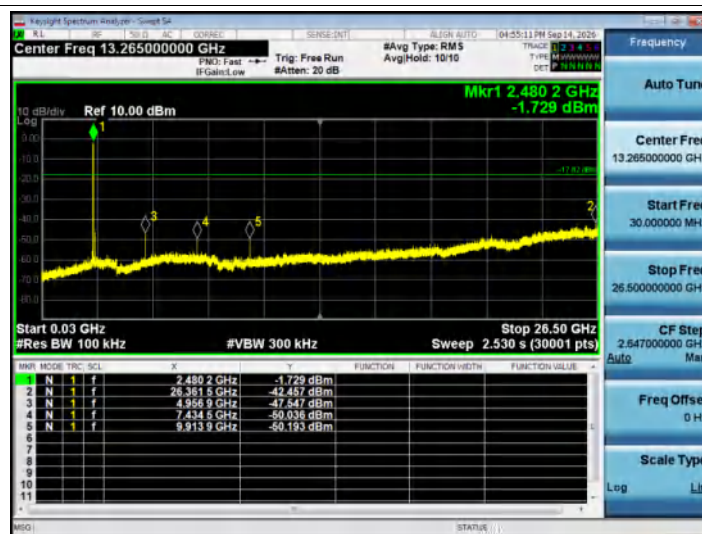
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



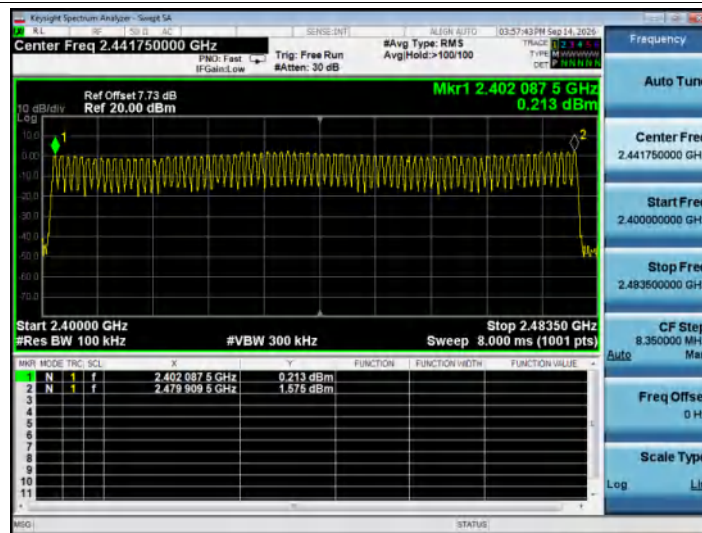
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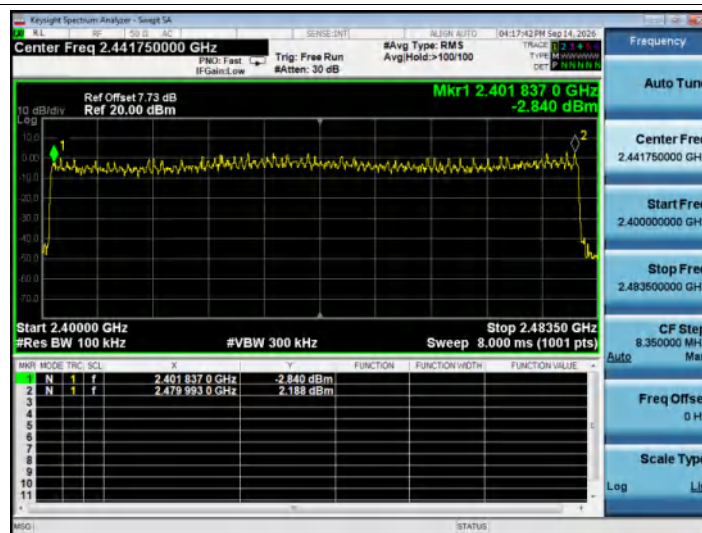
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Number of Hopping Channel

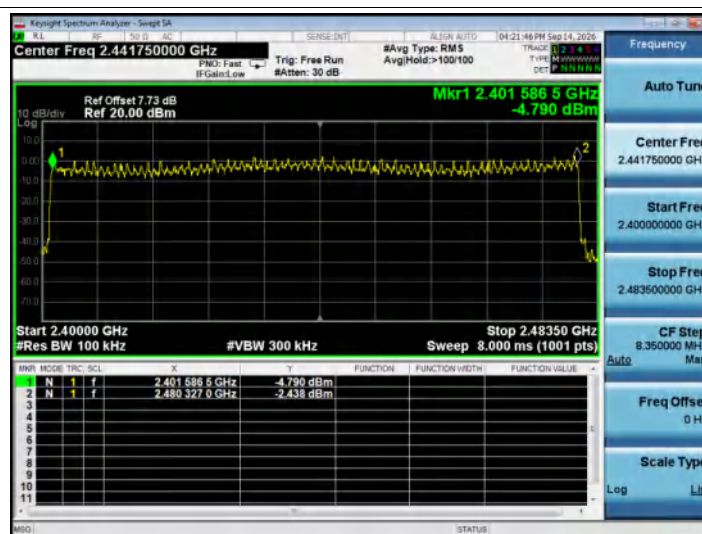
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



Hopping No. NVNT 1-DH5 2441MHz Ant1



Hopping No. NVNT 2-DH5 2441MHz Ant1



Hopping No. NVNT 3-DH5 2441MHz Ant1