

FCC ID: 2BWA0-X1

Applicant: SHENZHEN CITY YATE COMMUNICATION EQUIPMENT CO.,LTD

Address: 1705-1, Unit 1, Hailuanfang, Fenghuanggang Community, Xixiang Subdistrict, Bao'an District, Shenzhen, Guangdong, China

Manufacturer: SHENZHEN CITY YATE COMMUNICATION EQUIPMENT CO.,LTD

Address: 1705-1, Unit 1, Hailuanfang, Fenghuanggang Community, Xixiang Subdistrict, Bao'an District, Shenzhen, Guangdong, China

Product Name: Motorcycle Bluetooth Headset

Trade Mark: N/A

Model Number: X1

Date of Receipt: May. 22, 2026

Test Date: May. 22, 2026 - Jun. 22, 2026

Date of Report: Jun. 22, 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

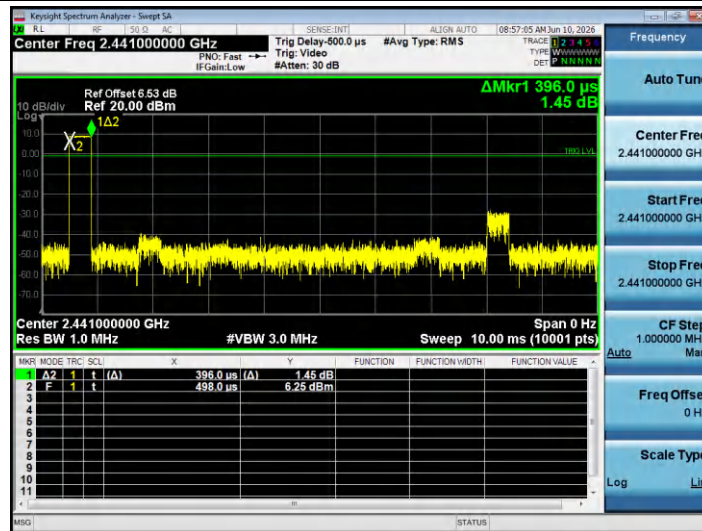
Test Result: Pass

Report Number: DLE-260522037R

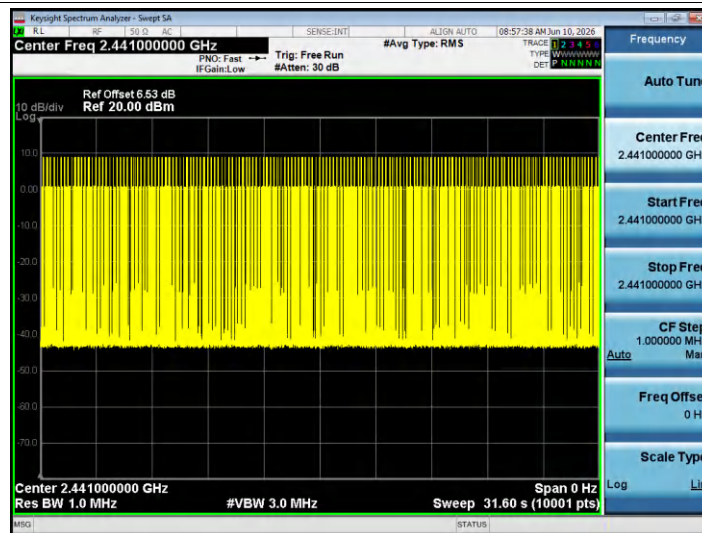
Dwell Time

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	0.396	124.74	315	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.652	246.148	149	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.9	321.9	111	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.407	129.019	317	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.658	278.544	168	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.906	325.472	112	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.406	128.702	317	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.658	258.648	156	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.906	308.036	106	31600	400	Pass

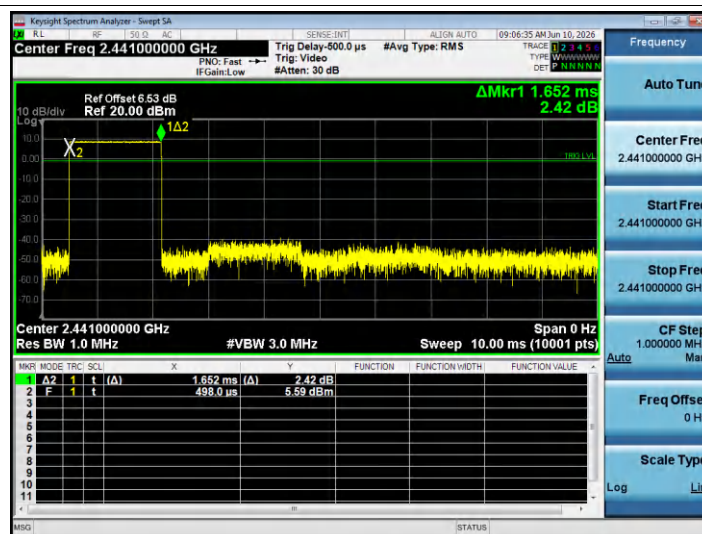
Report



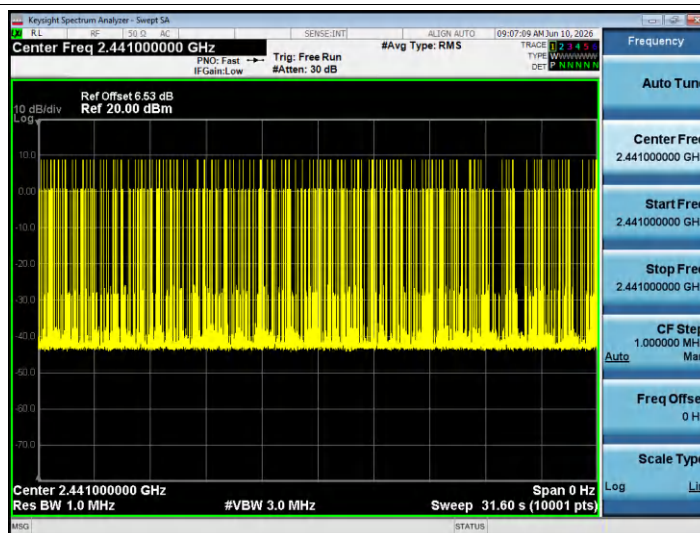
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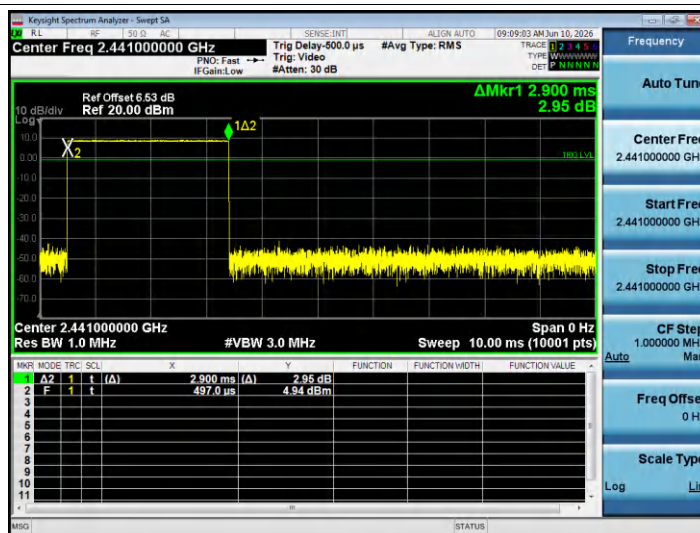
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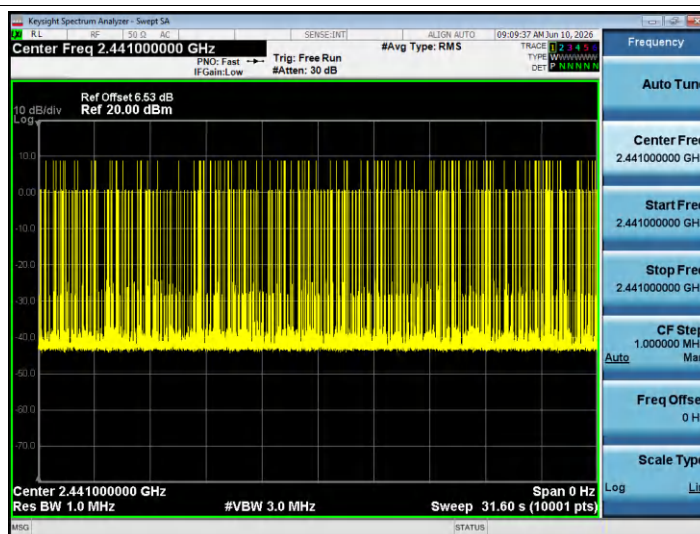
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



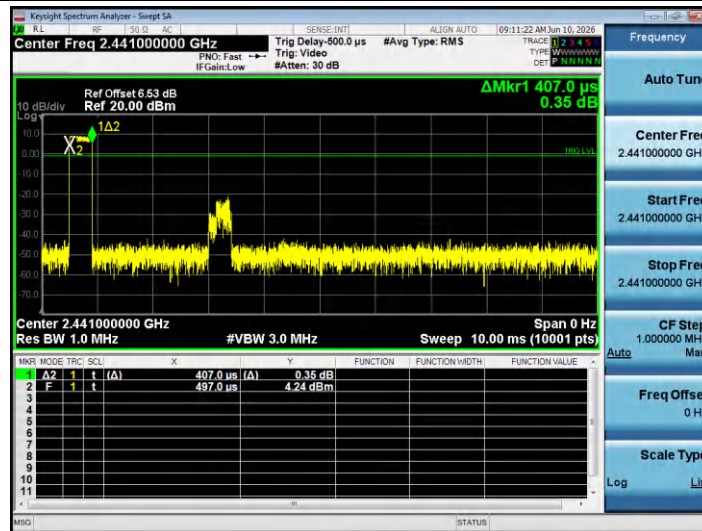
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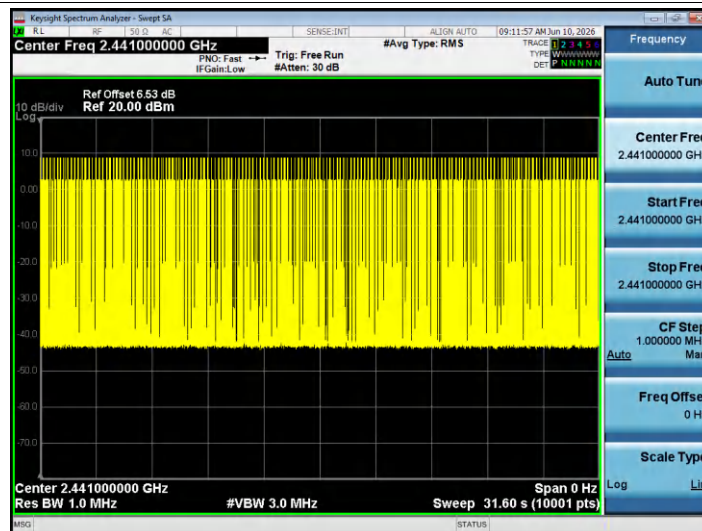
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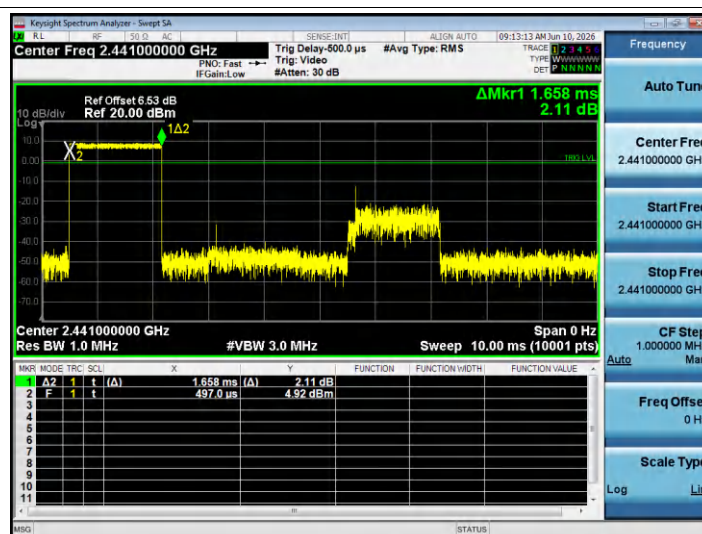
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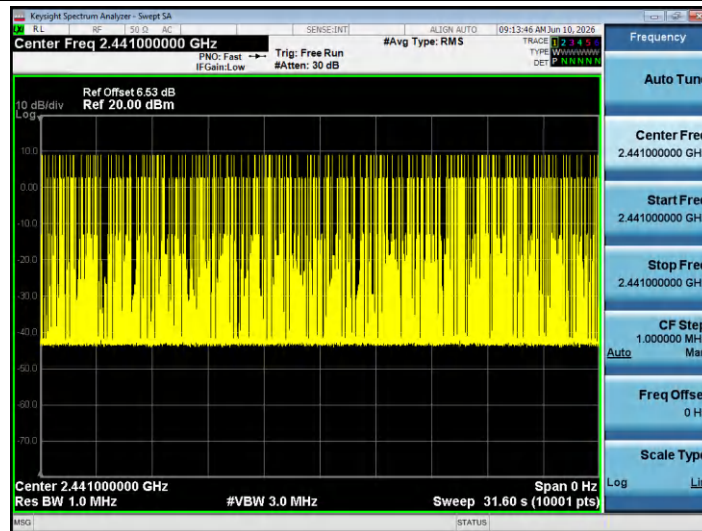
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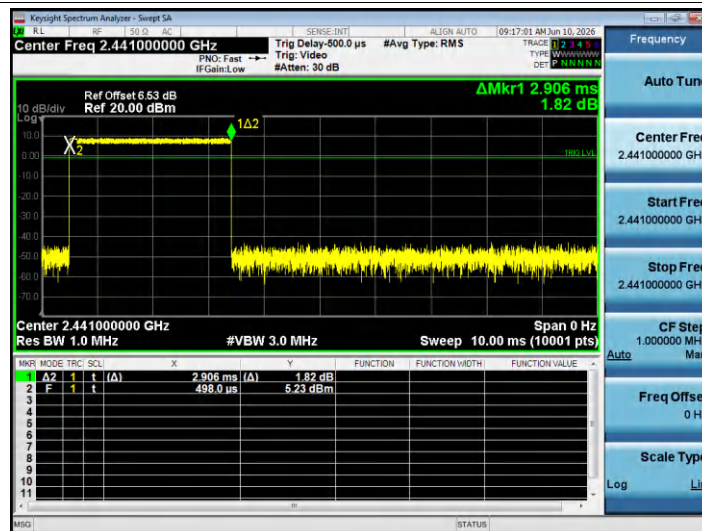
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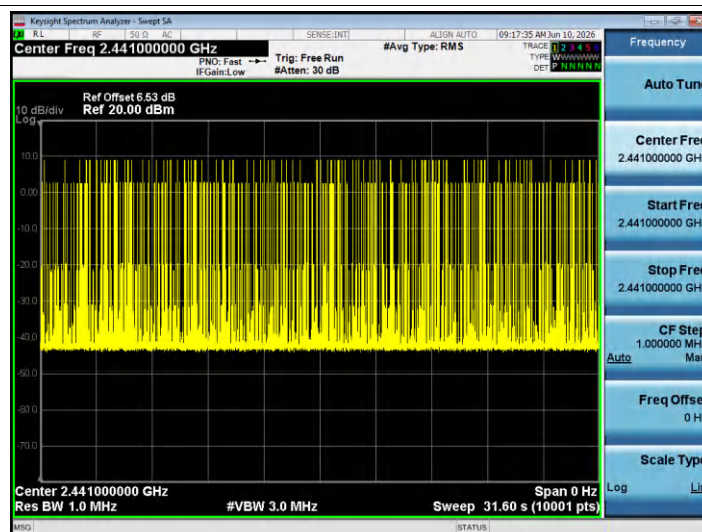
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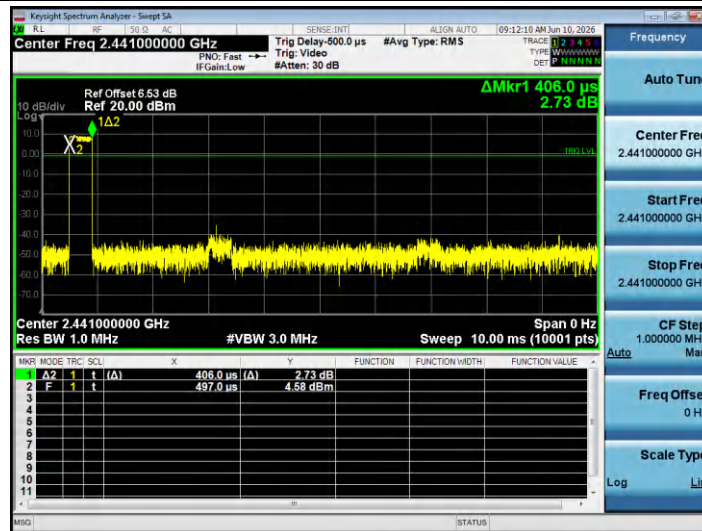


Dwell NVNT 2-DH5 2441MHz Ant1 One Burst

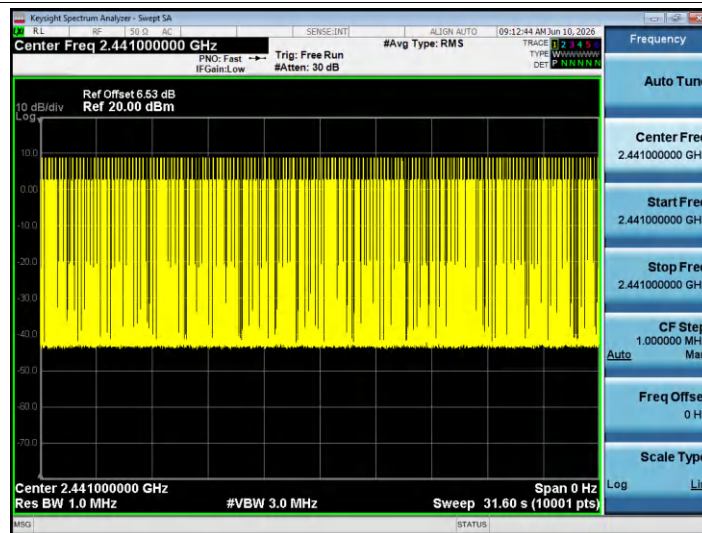


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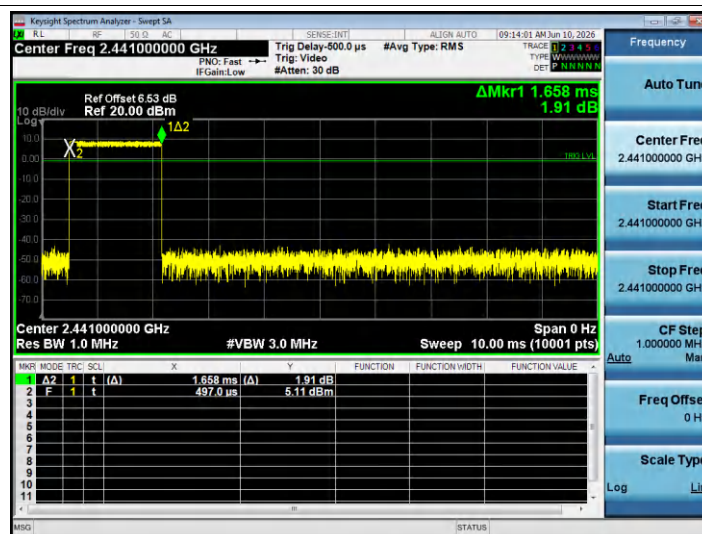
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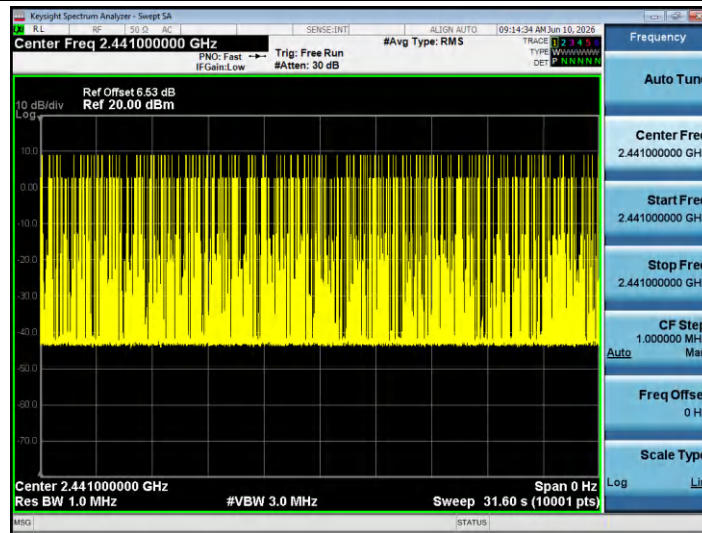
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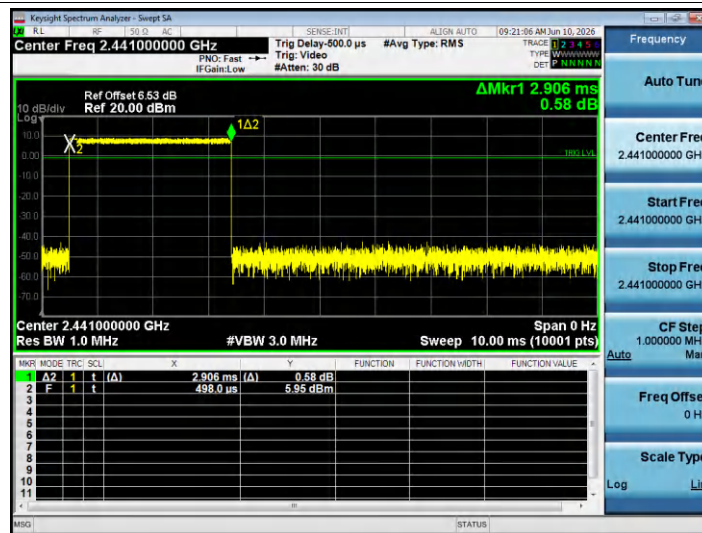
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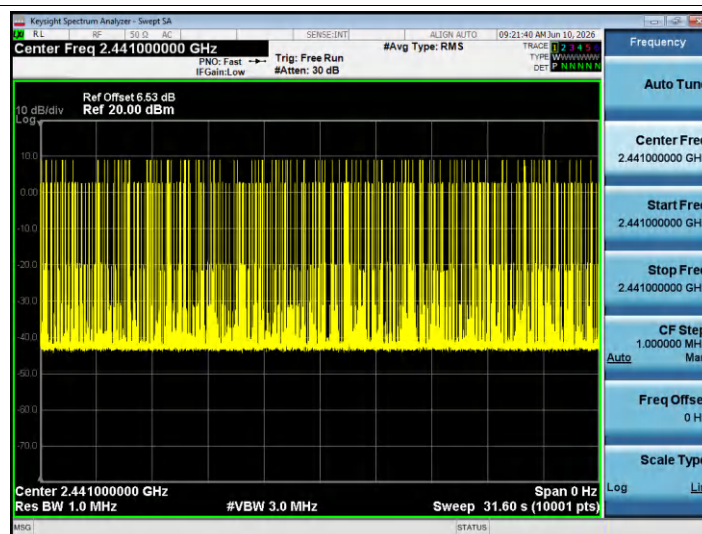
Dwell NVNT 3-DH3 2441MHz Ant1 One Burst



Dwell NVNT 3-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated

Maximum Peak Conducted Output Power

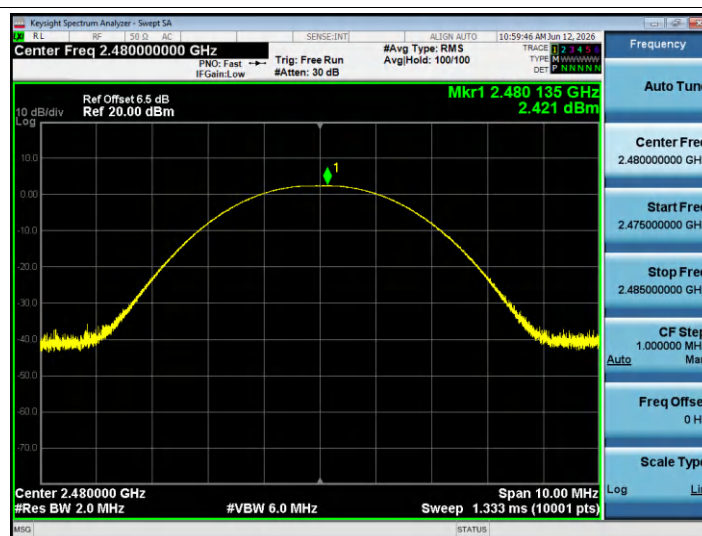
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	1-DH5	2402	Ant1	2.77	21	Pass
NVNT	1-DH5	2441	Ant1	2.96	21	Pass
NVNT	1-DH5	2480	Ant1	2.42	21	Pass
NVNT	2-DH5	2402	Ant1	3.57	21	Pass
NVNT	2-DH5	2441	Ant1	3.66	21	Pass
NVNT	2-DH5	2480	Ant1	3.22	21	Pass
NVNT	3-DH5	2402	Ant1	3.56	21	Pass
NVNT	3-DH5	2441	Ant1	3.72	21	Pass
NVNT	3-DH5	2480	Ant1	3.25	21	Pass



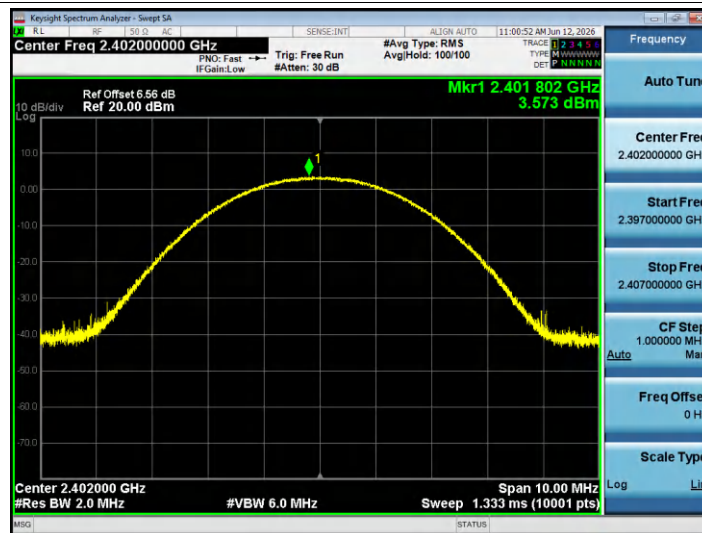
Peak Power NVNT 1-DH5 2402MHz Ant1



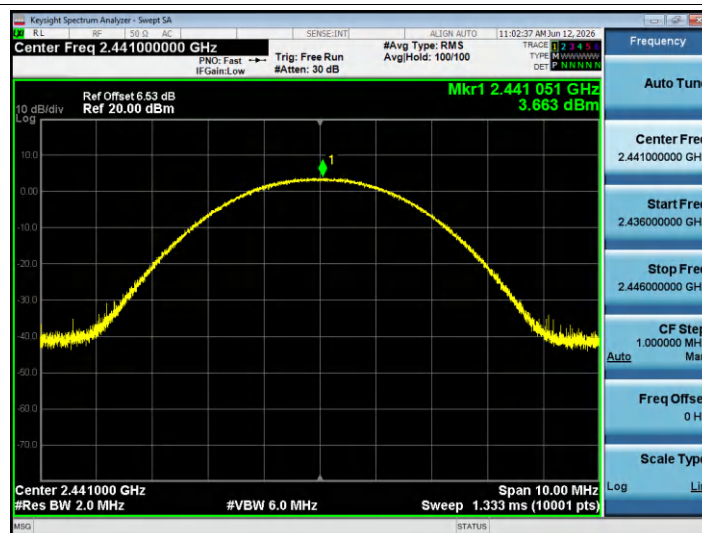
Peak Power NVNT 1-DH5 2441MHz Ant1



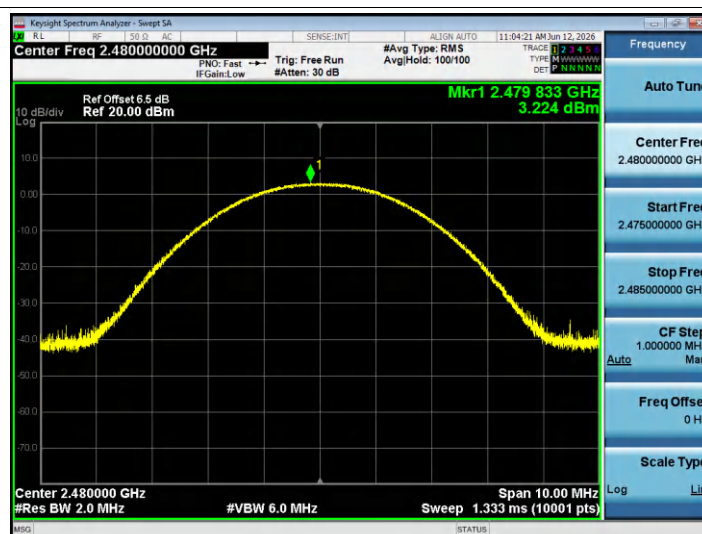
Peak Power NVNT 1-DH5 2480MHz Ant1



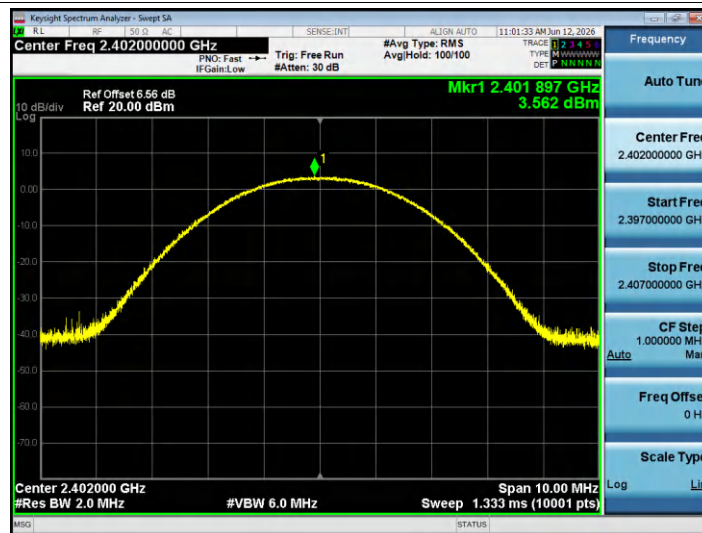
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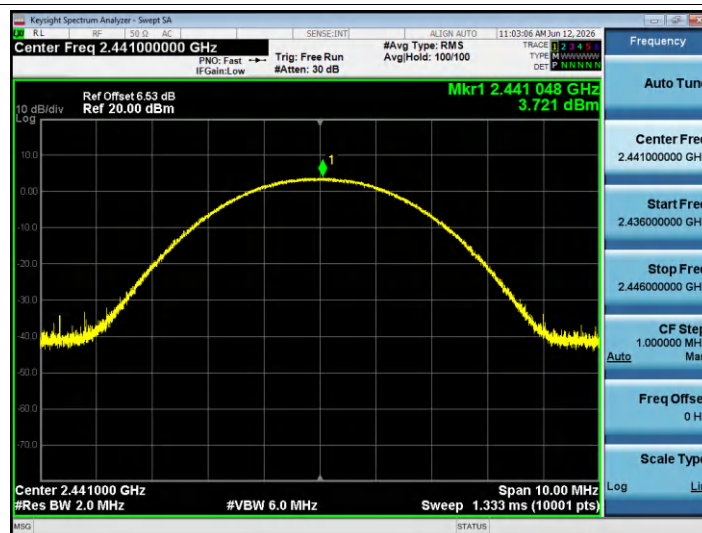
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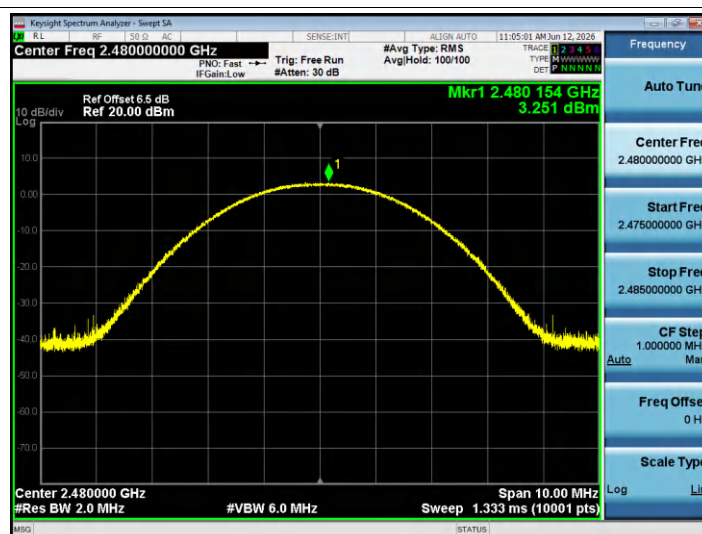
Peak Power NVNT 2-DH5 2480MHz Ant1



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	0.9584	Pass
NVNT	1-DH5	2441	Ant1	0.9997	Pass
NVNT	1-DH5	2480	Ant1	0.9541	Pass
NVNT	2-DH5	2402	Ant1	1.307	Pass
NVNT	2-DH5	2441	Ant1	1.273	Pass
NVNT	2-DH5	2480	Ant1	1.306	Pass
NVNT	3-DH5	2402	Ant1	1.314	Pass
NVNT	3-DH5	2441	Ant1	1.319	Pass
NVNT	3-DH5	2480	Ant1	1.308	Pass

Report



-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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-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

Report



-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1

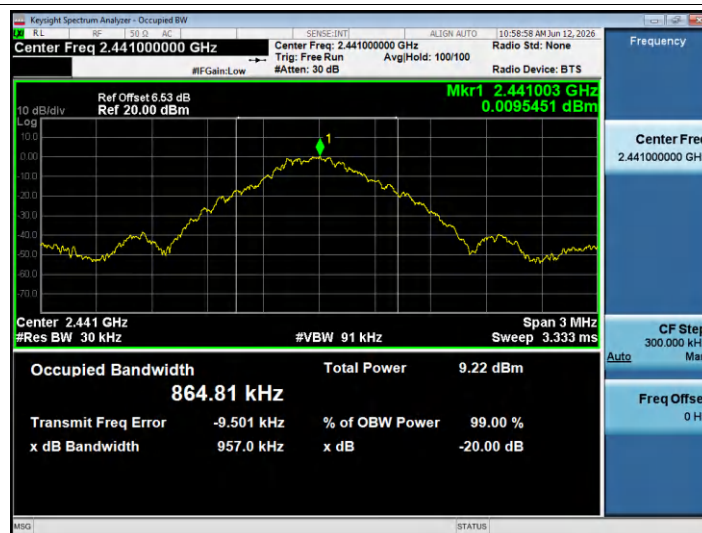
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.86043
NVNT	1-DH5	2441	Ant1	0.86481
NVNT	1-DH5	2480	Ant1	0.87737
NVNT	2-DH5	2402	Ant1	1.1658
NVNT	2-DH5	2441	Ant1	1.1761
NVNT	2-DH5	2480	Ant1	1.1806
NVNT	3-DH5	2402	Ant1	1.1836
NVNT	3-DH5	2441	Ant1	1.1645
NVNT	3-DH5	2480	Ant1	1.1669

Report



OBW NVNT 1-DH5 2402MHz Ant1



OBW NVNT 1-DH5 2441MHz Ant1



OBW NVNT 1-DH5 2480MHz Ant1

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OBW NVNT 2-DH5 2402MHz Ant1



OBW NVNT 2-DH5 2441MHz Ant1



OBW NVNT 2-DH5 2480MHz Ant1

Report



OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2441MHz Ant1



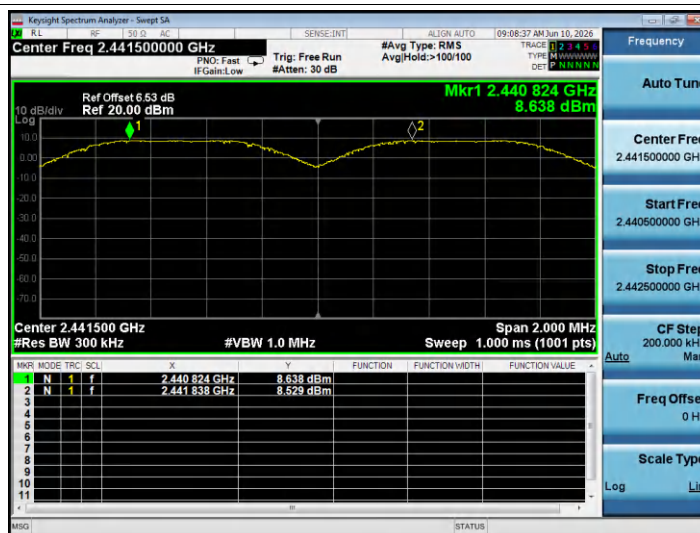
OBW NVNT 3-DH5 2480MHz Ant1

Carrier Frequencies Separation

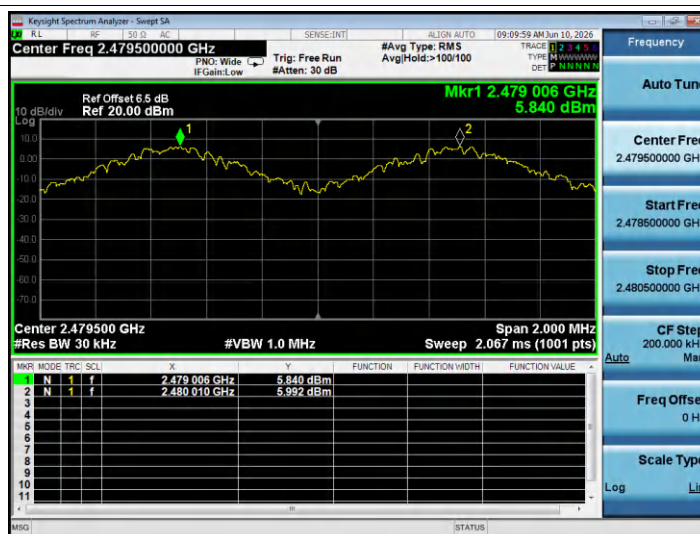
Condition	Mode	Antenna	Frequency (MHz)	HFS (MHz)	20dB Bandwidth (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	Hopping	0.996	0.9584	0.639	Pass
NVNT	1-DH5	Ant1	Hopping	1.014	0.9997	0.666	Pass
NVNT	1-DH5	Ant1	Hopping	1.004	0.9541	0.636	Pass
NVNT	2-DH5	Ant1	Hopping	1.022	1.307	0.871	Pass
NVNT	2-DH5	Ant1	Hopping	0.988	1.273	0.849	Pass
NVNT	2-DH5	Ant1	Hopping	0.978	1.306	0.871	Pass
NVNT	3-DH5	Ant1	Hopping	1.012	1.314	0.876	Pass
NVNT	3-DH5	Ant1	Hopping	0.992	1.319	0.879	Pass
NVNT	3-DH5	Ant1	Hopping	1.402	1.308	0.872	Pass



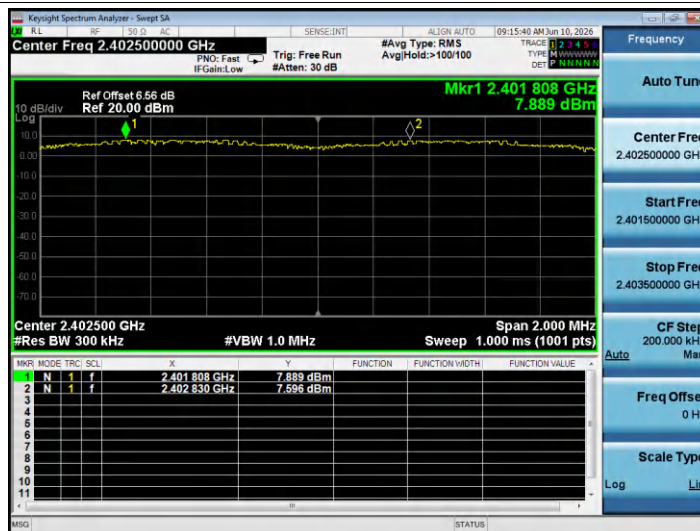
CFS NVNT 1-DH5 2402MHz Ant1



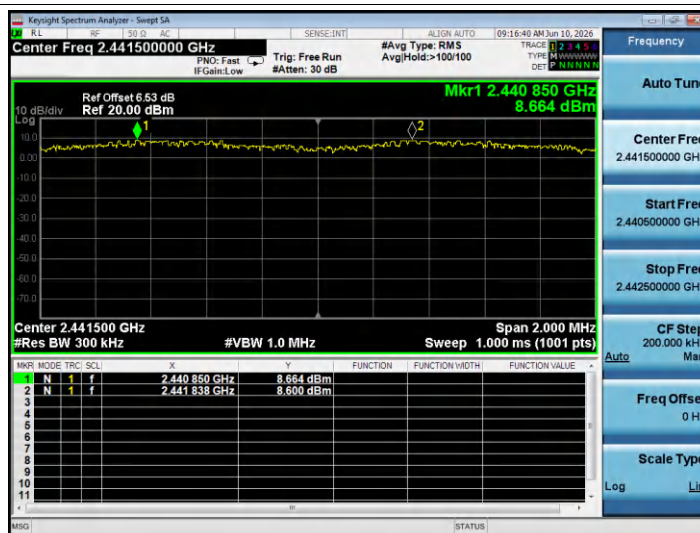
CFS NVNT 1-DH5 2441MHz Ant1



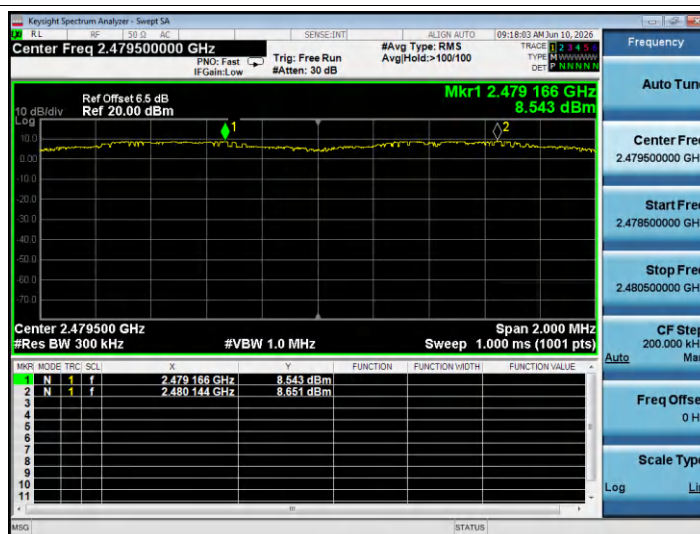
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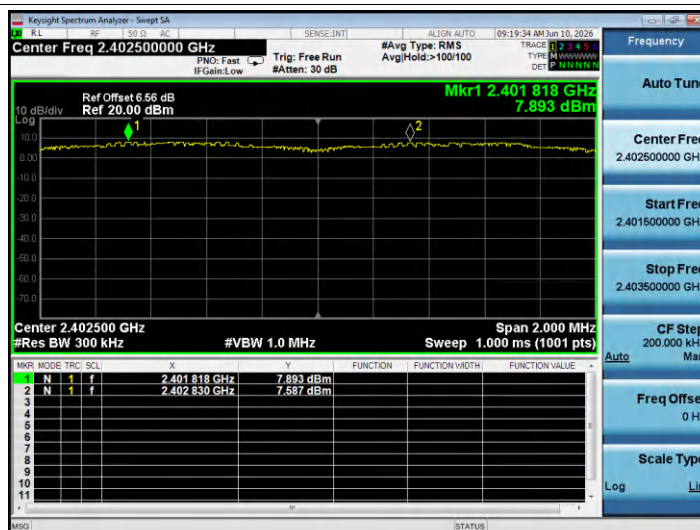
CFS NVNT 2-DH5 2402MHz Ant1



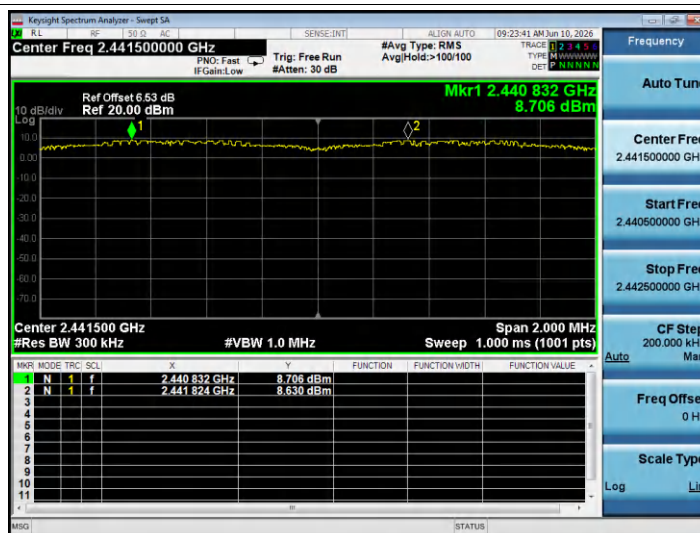
CFS NVNT 2-DH5 2441MHz Ant1



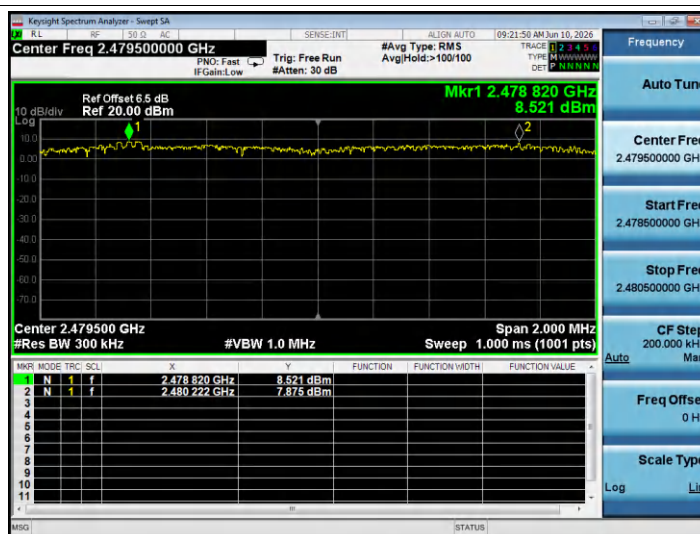
CFS NVNT 2-DH5 2480MHz Ant1



CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1

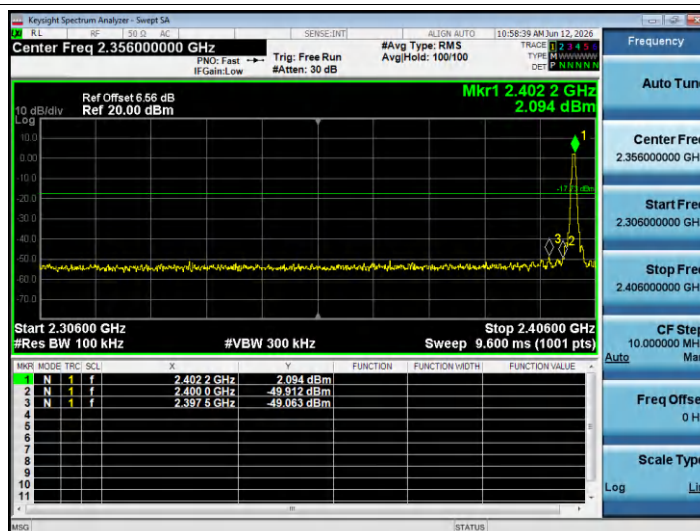


CFS NVNT 3-DH5 2480MHz Ant1

Band Edge



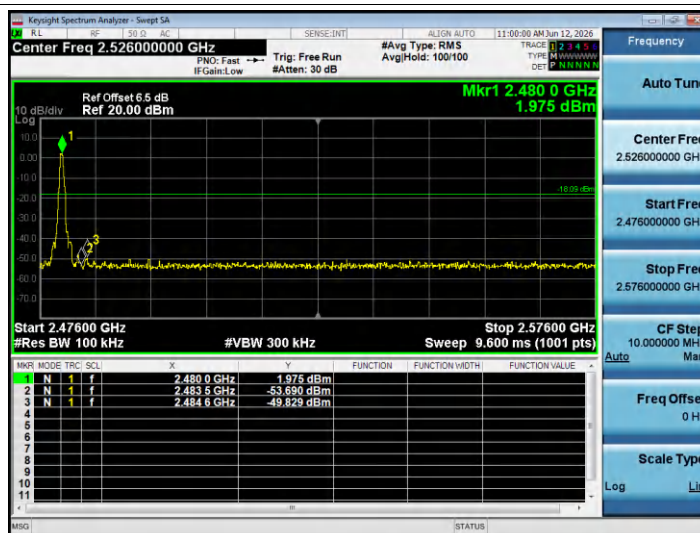
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



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



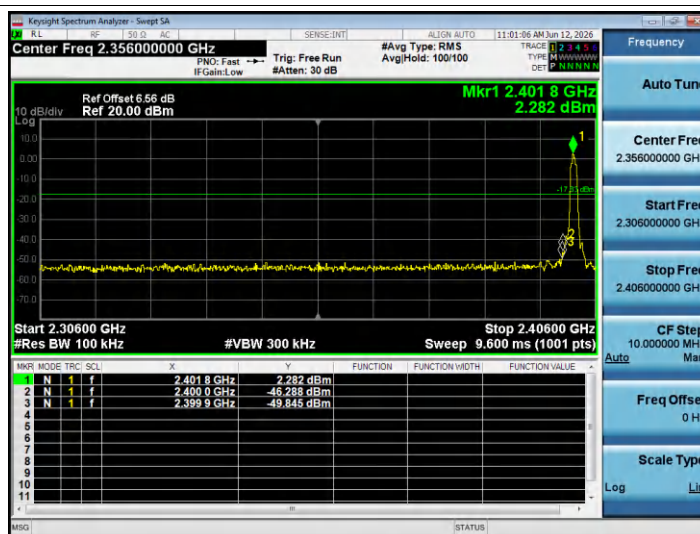
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Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



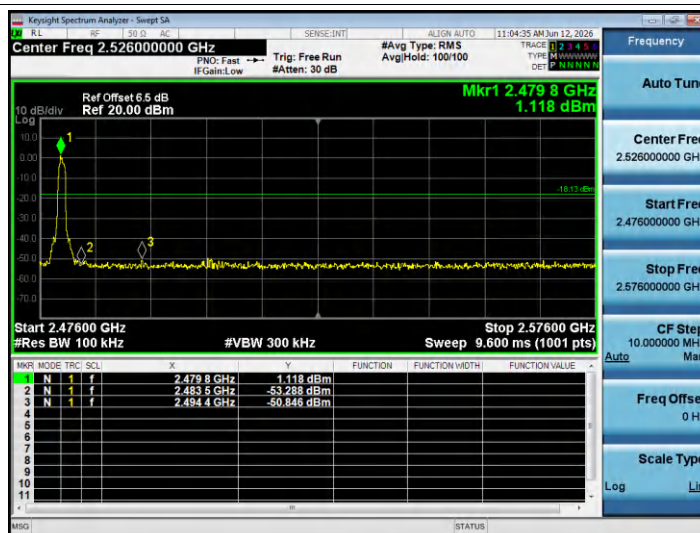
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Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



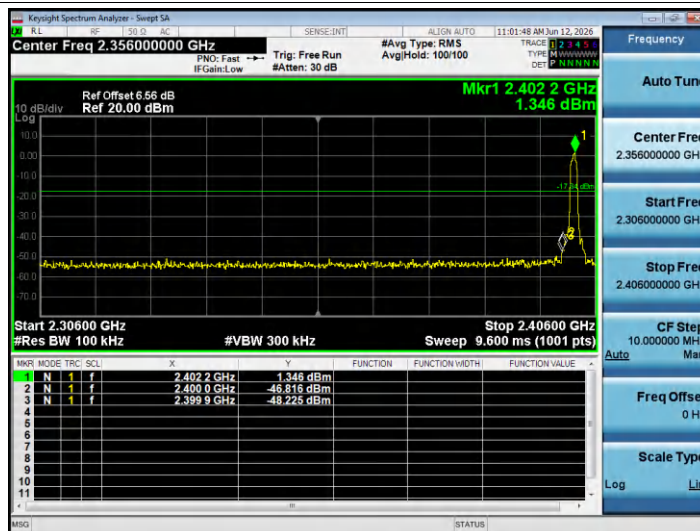
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Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



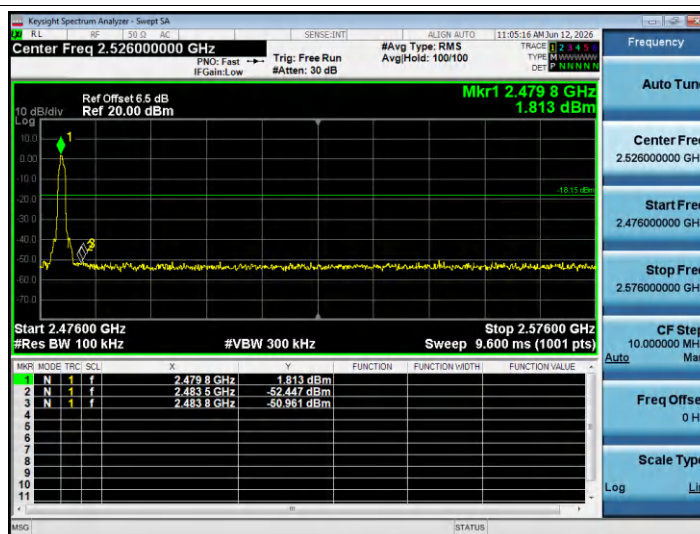
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



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

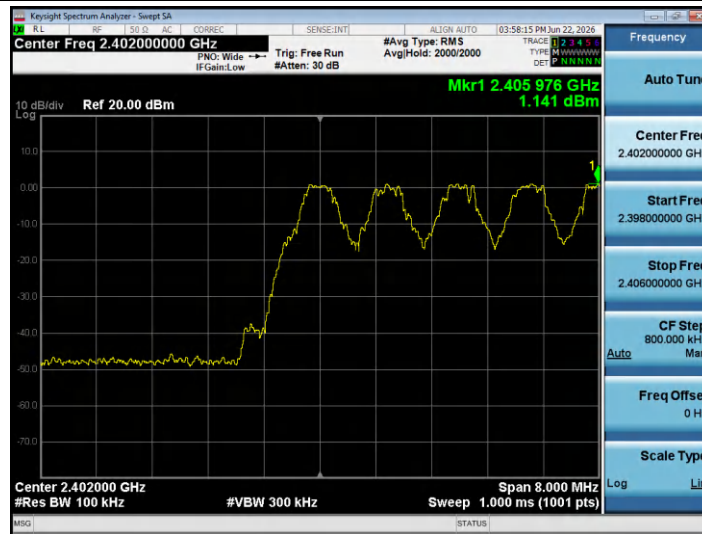


Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref

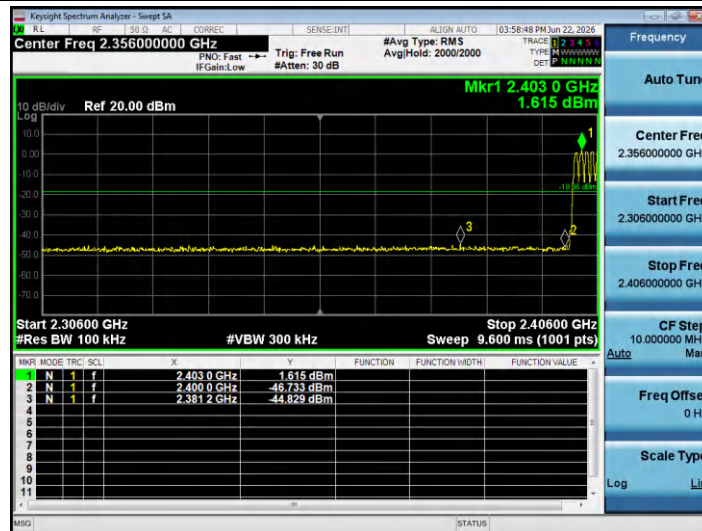


Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

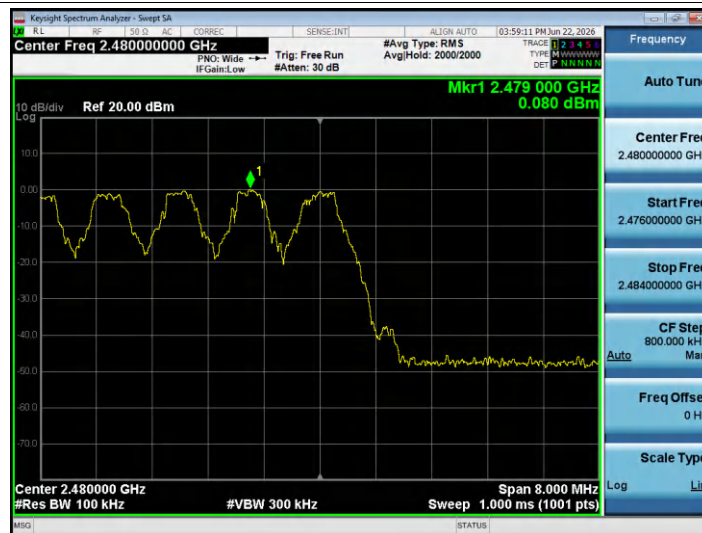
Band Edge(Hopping)



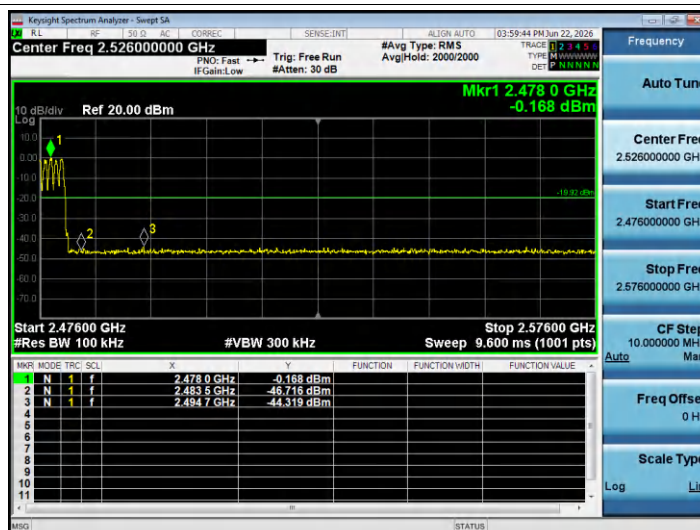
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



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



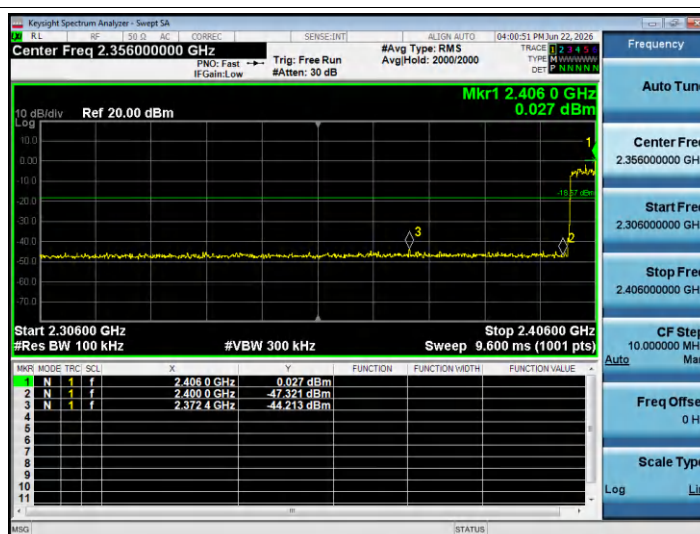
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



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

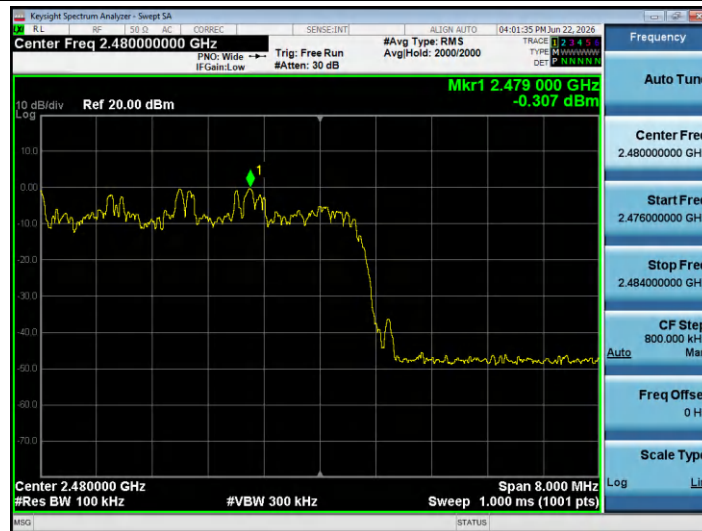


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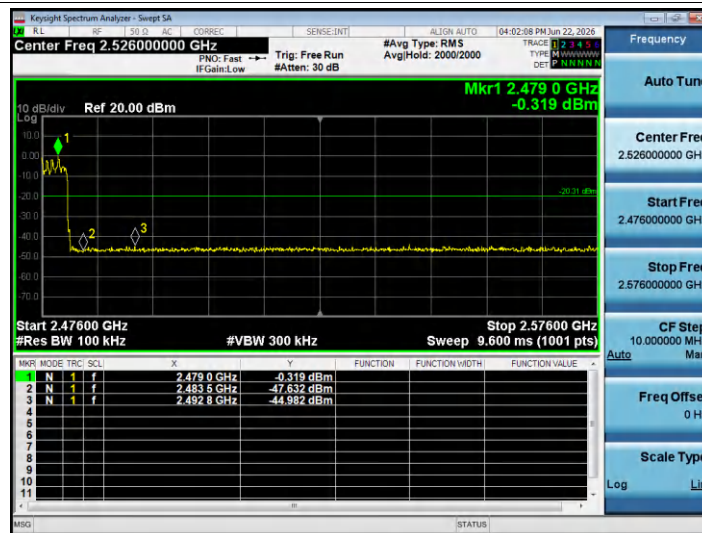


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

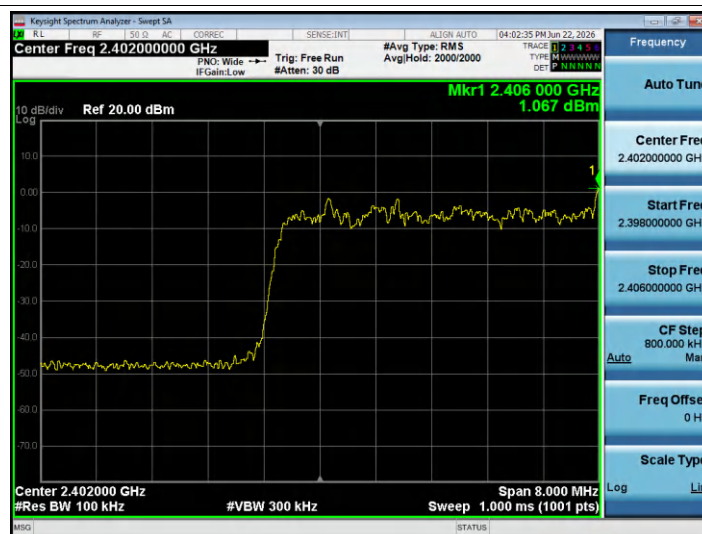
Report



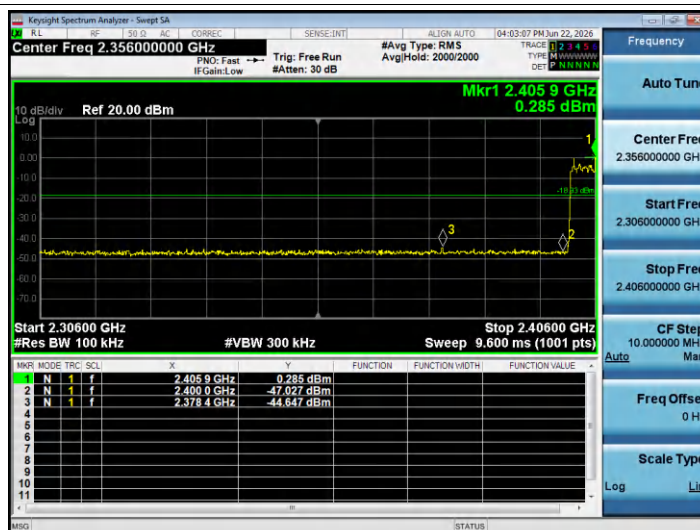
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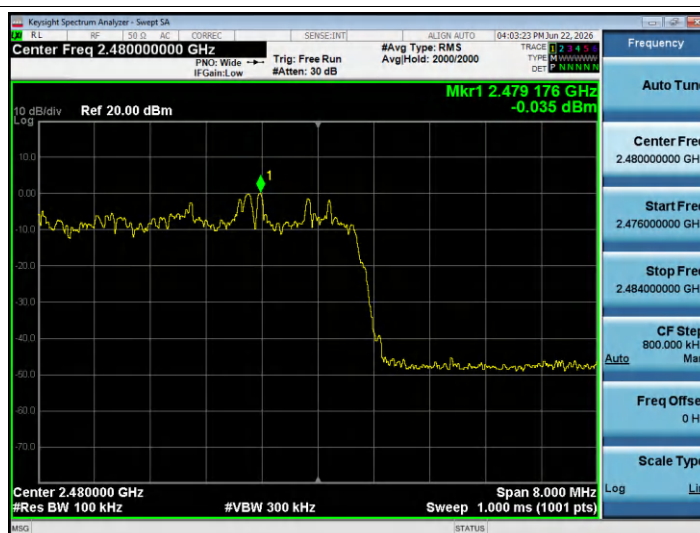
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



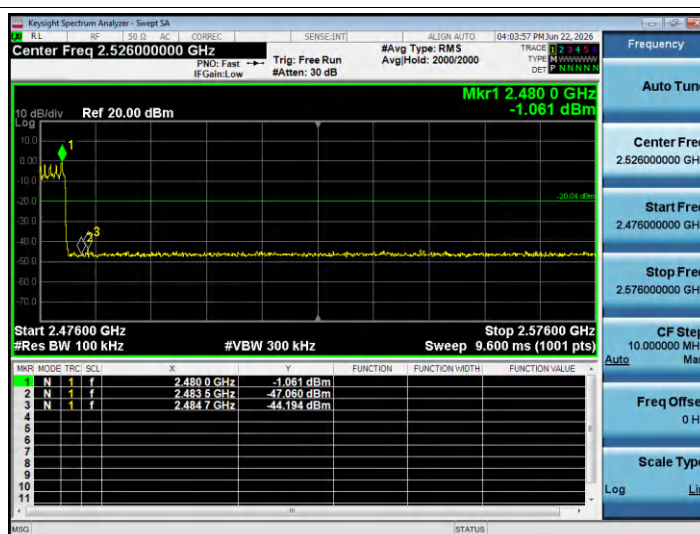
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



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



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

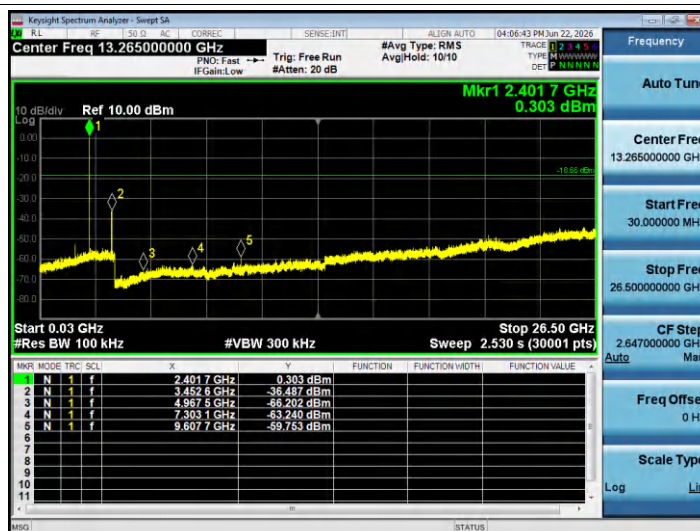


Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

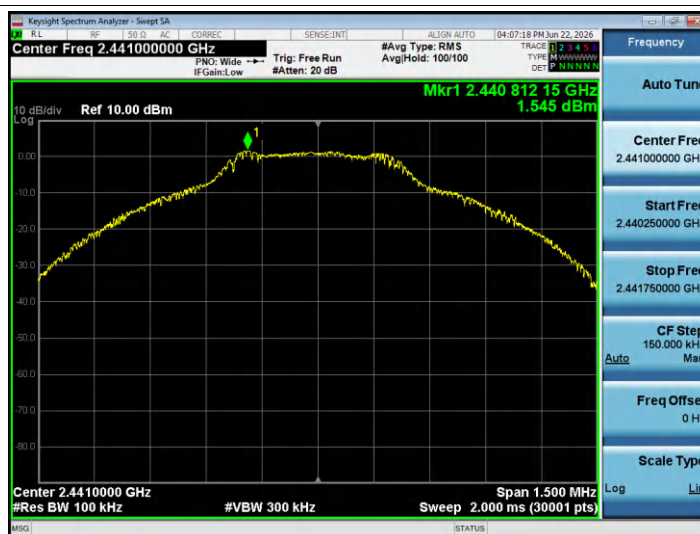
Conducted RF Spurious Emission



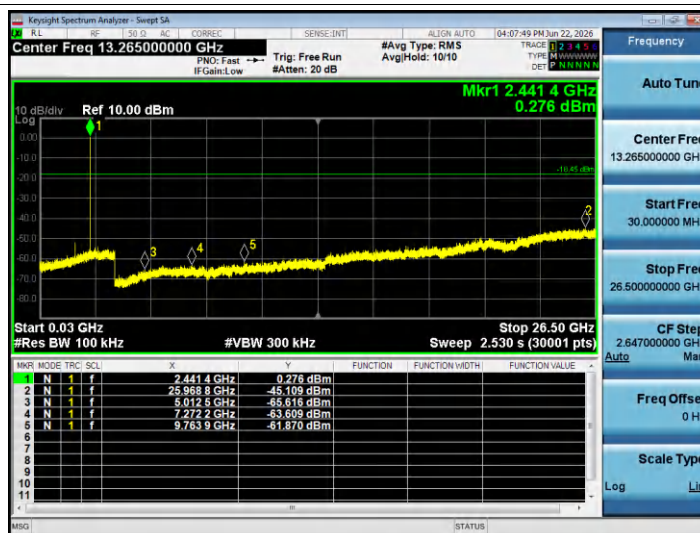
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



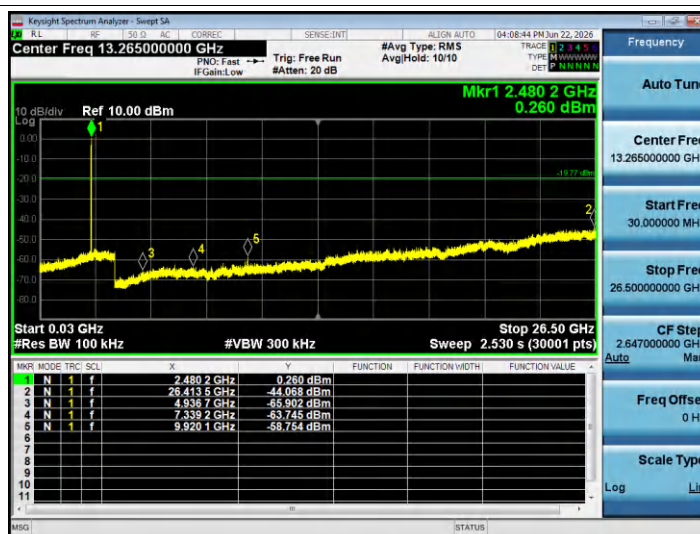
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



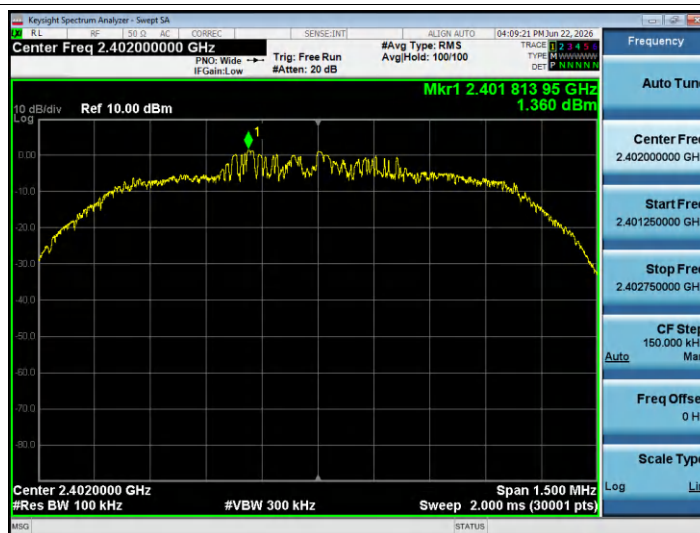
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



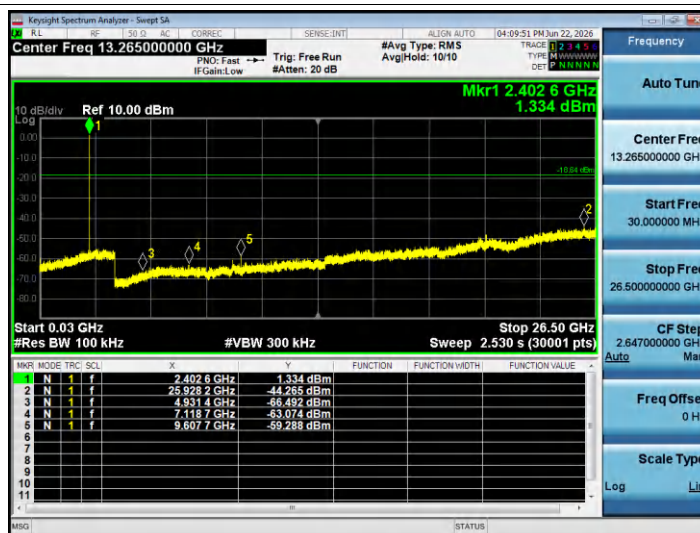
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



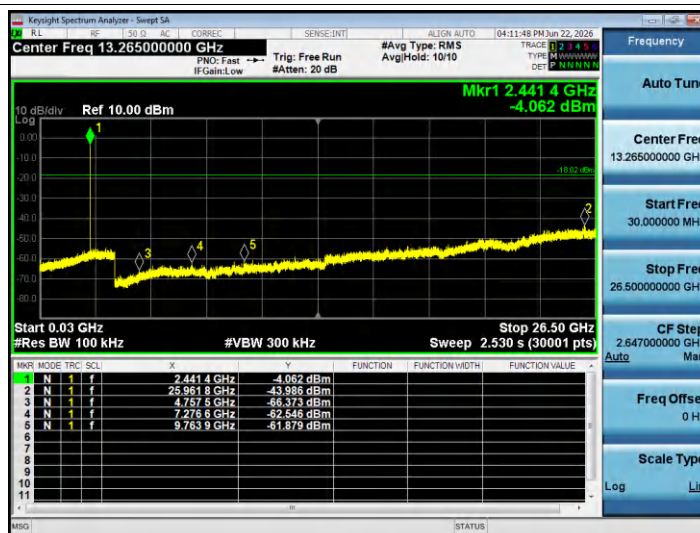
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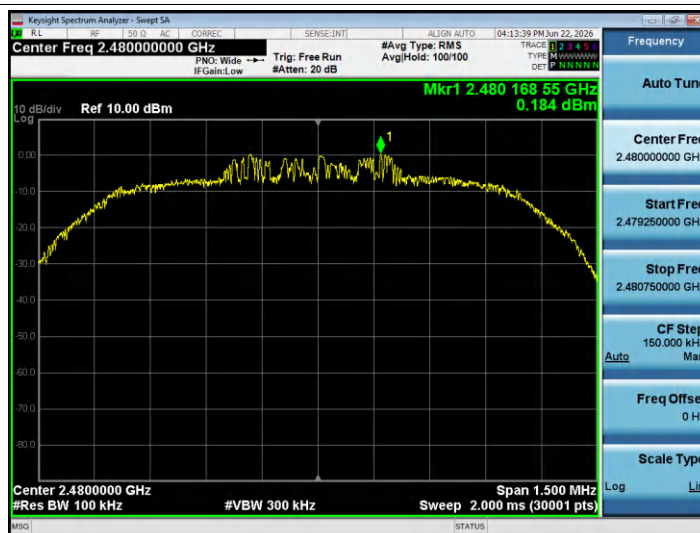
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



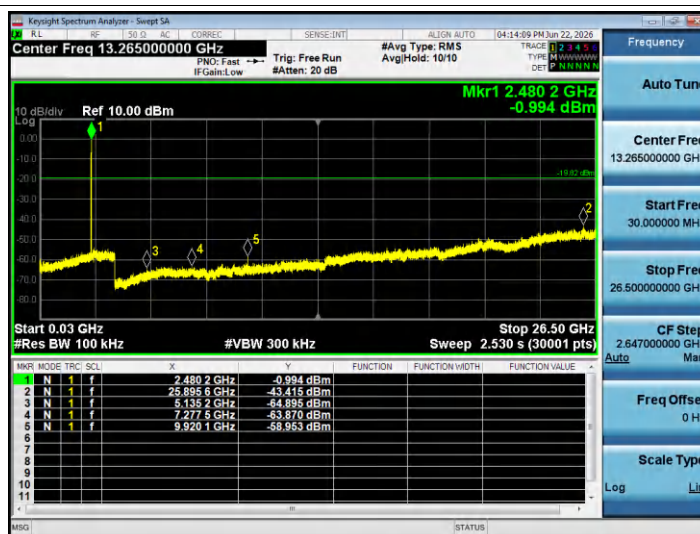
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref

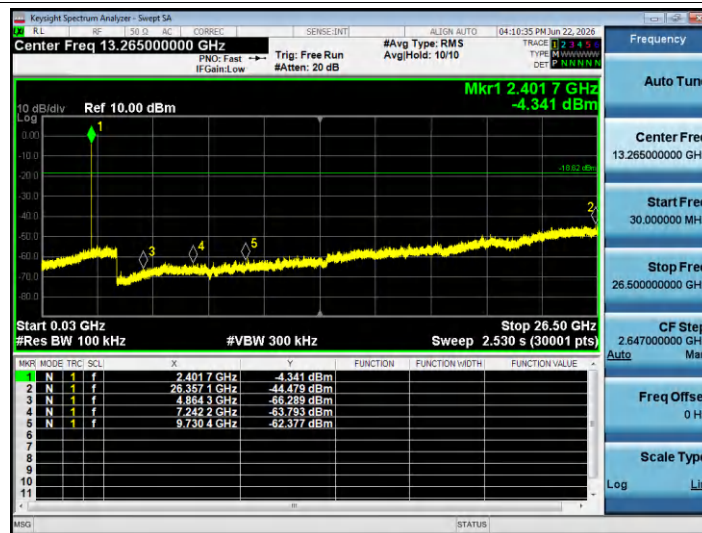


Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission

Report



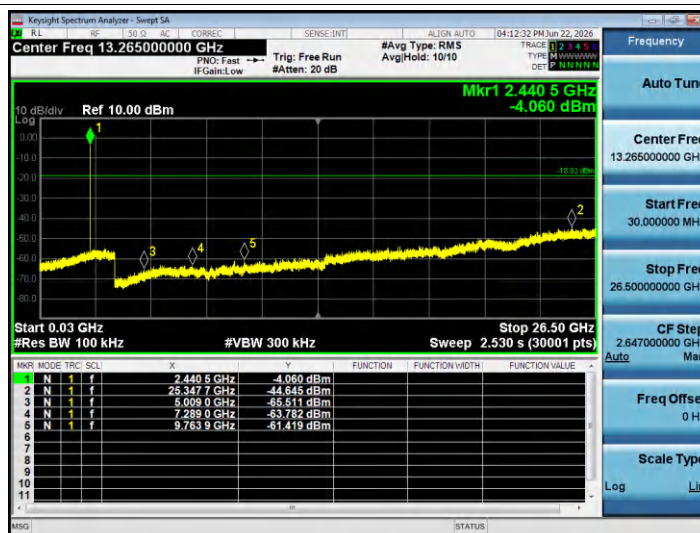
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



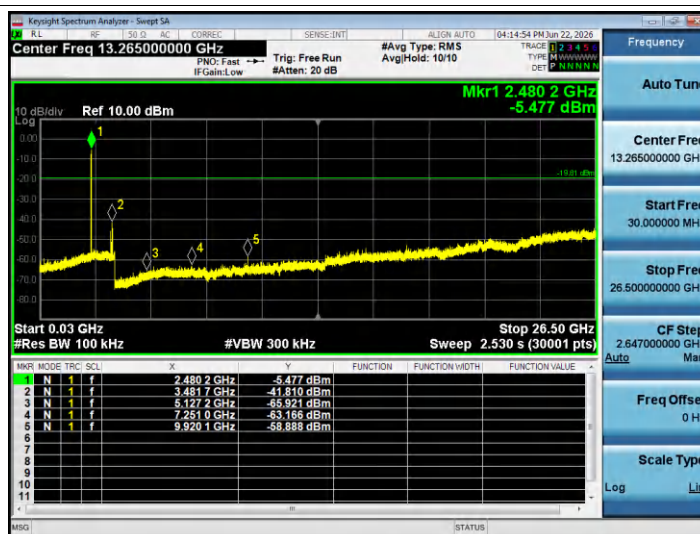
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



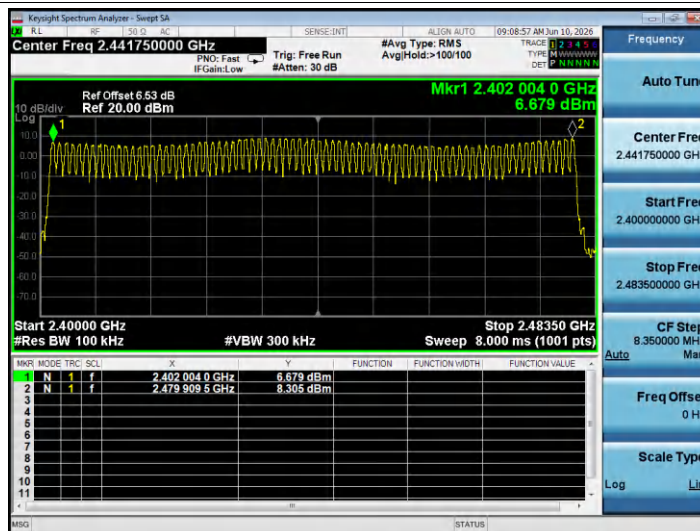
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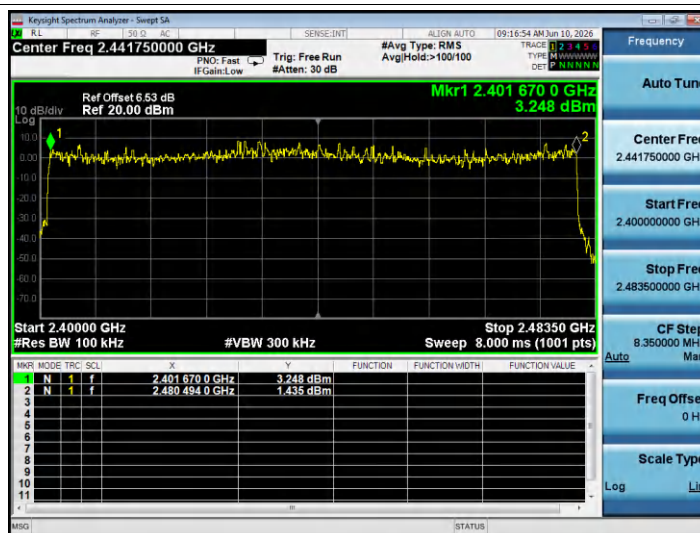
Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

Number of Hopping Channel

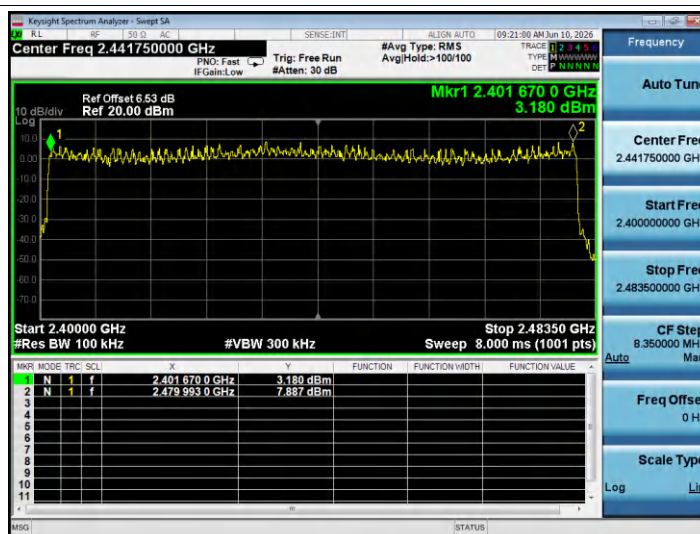
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



Hopping No. NVNT 1-DH5 2441MHz Ant1



Hopping No. NVNT 2-DH5 2441MHz Ant1



Hopping No. NVNT 3-DH5 2441MHz Ant1