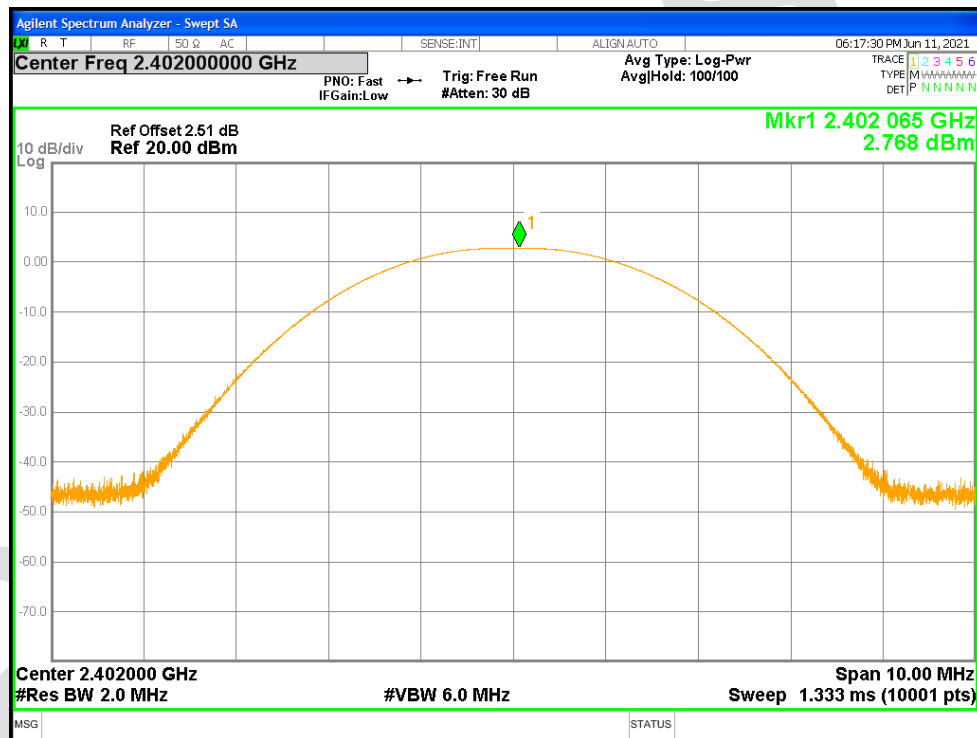


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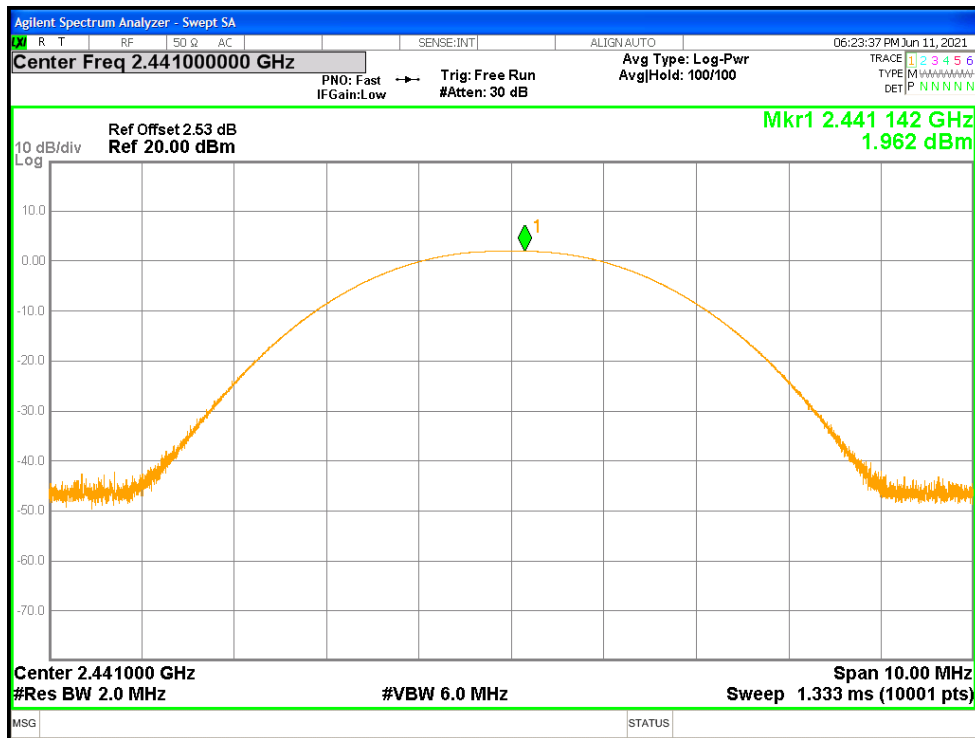
12.1 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	2.768	2.768	21	Pass
NVNT	1-DH1	2441	Ant1	1.962	1.962	21	Pass
NVNT	1-DH1	2480	Ant1	2.054	2.054	21	Pass
NVNT	2-DH1	2402	Ant1	2.647	2.647	21	Pass
NVNT	2-DH1	2441	Ant1	1.795	1.795	21	Pass
NVNT	2-DH1	2480	Ant1	1.893	1.893	21	Pass
NVNT	3-DH1	2402	Ant1	3.164	3.164	21	Pass
NVNT	3-DH1	2441	Ant1	2.312	2.312	21	Pass
NVNT	3-DH1	2480	Ant1	2.461	2.461	21	Pass

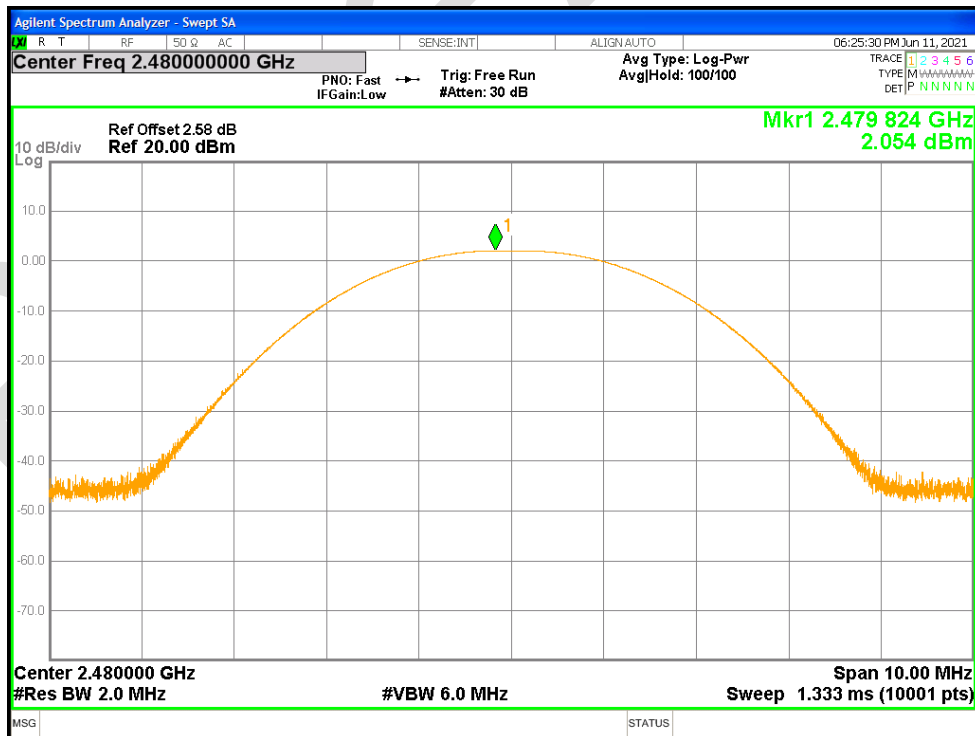
Power NVNT 1-DH1 2402MHz Ant1



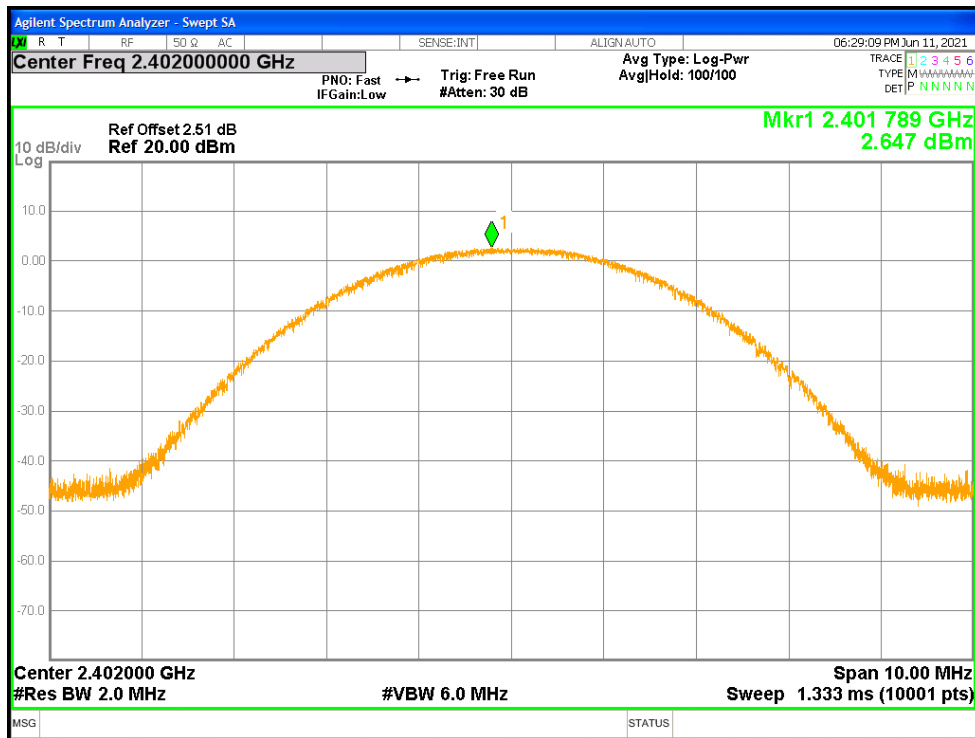
Power NVNT 1-DH1 2441MHz Ant1



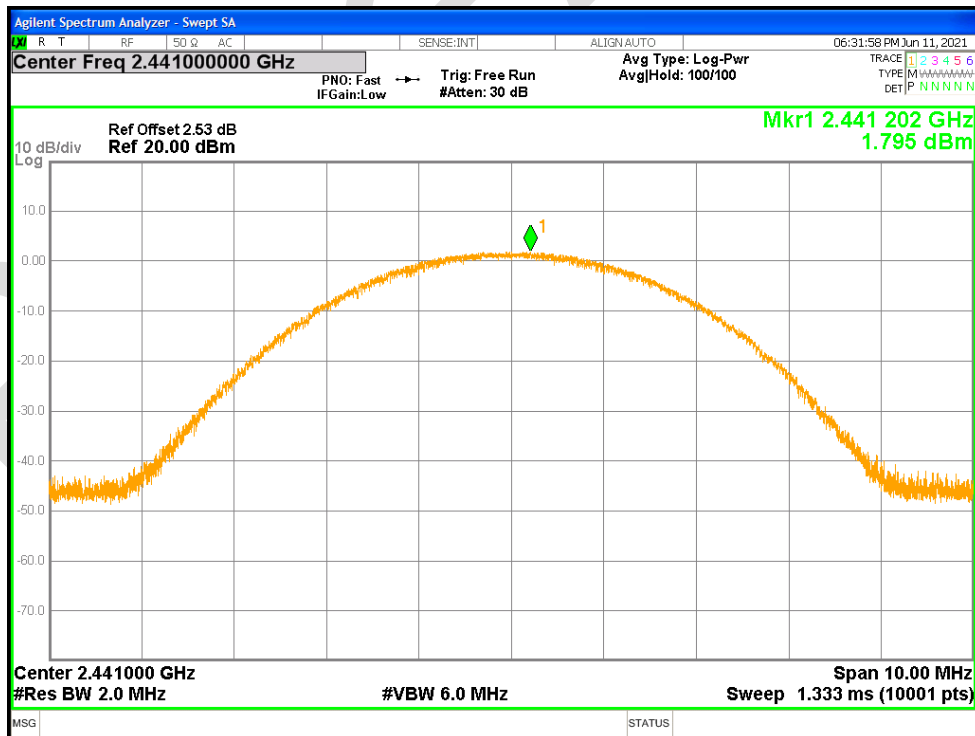
Power NVNT 1-DH1 2480MHz Ant1



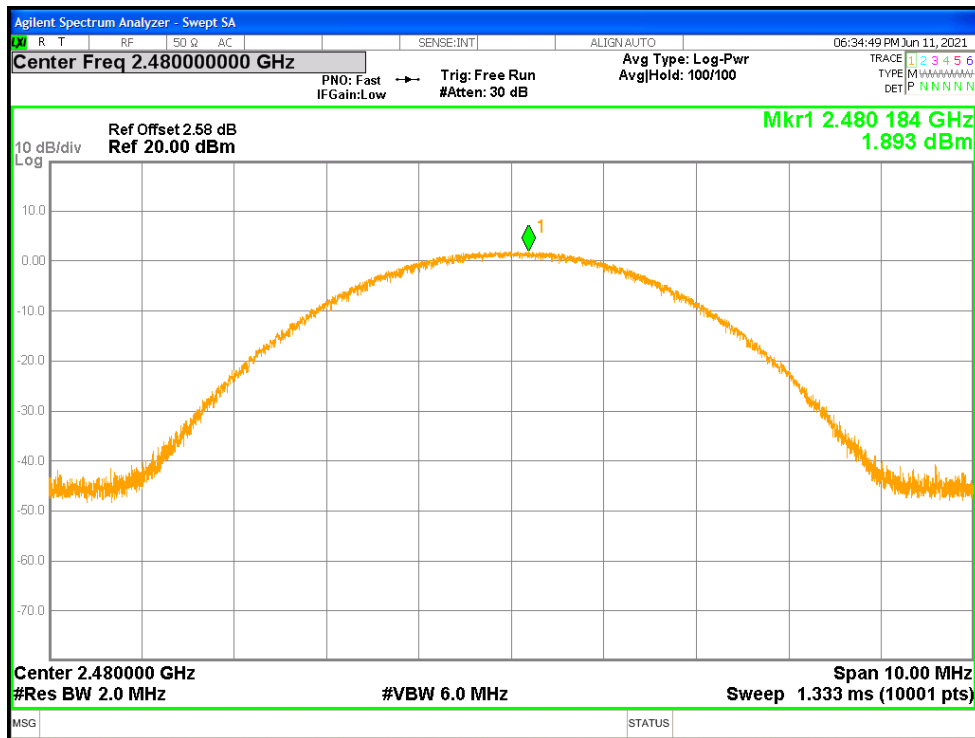
Power NVNT 2-DH1 2402MHz Ant1



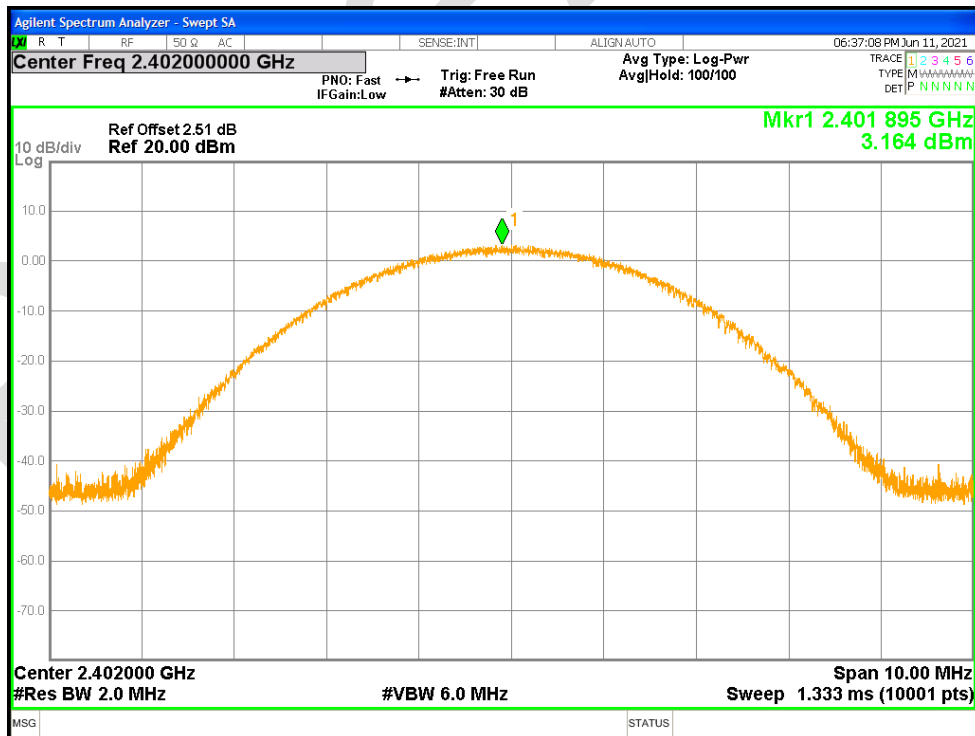
Power NVNT 2-DH1 2441MHz Ant1



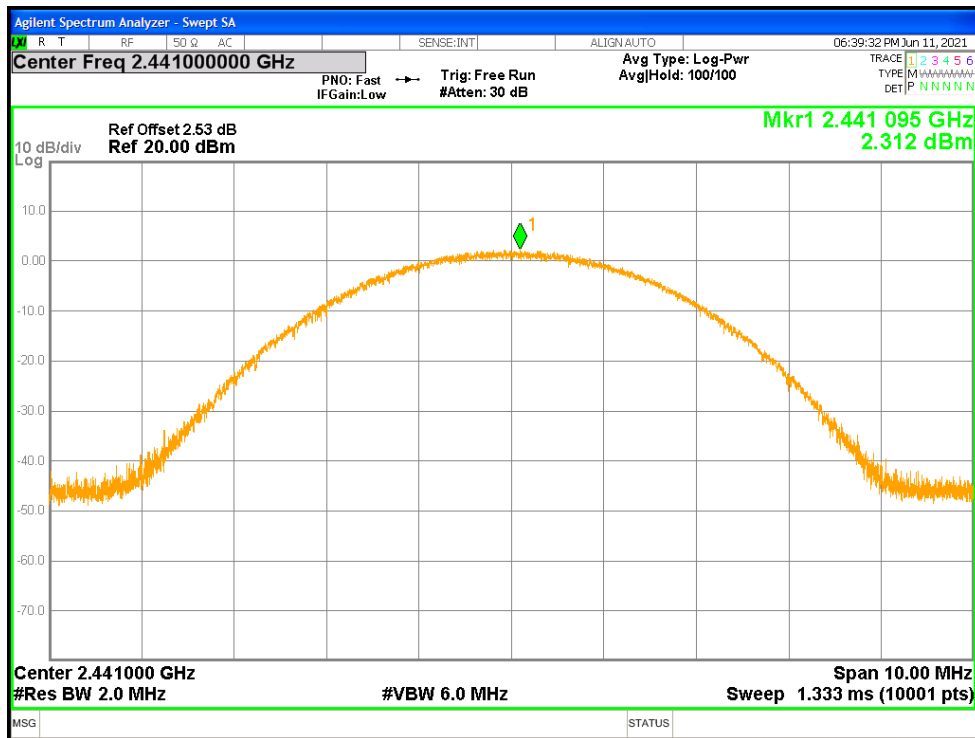
Power NVNT 2-DH1 2480MHz Ant1



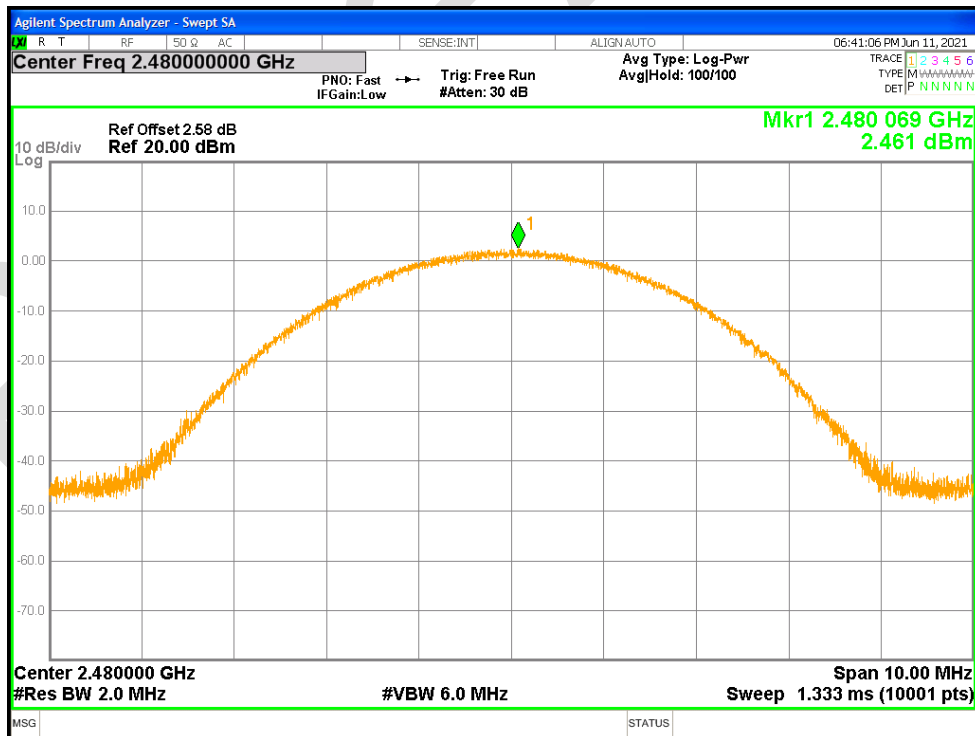
Power NVNT 3-DH1 2402MHz Ant1



Power NVNT 3-DH1 2441MHz Ant1



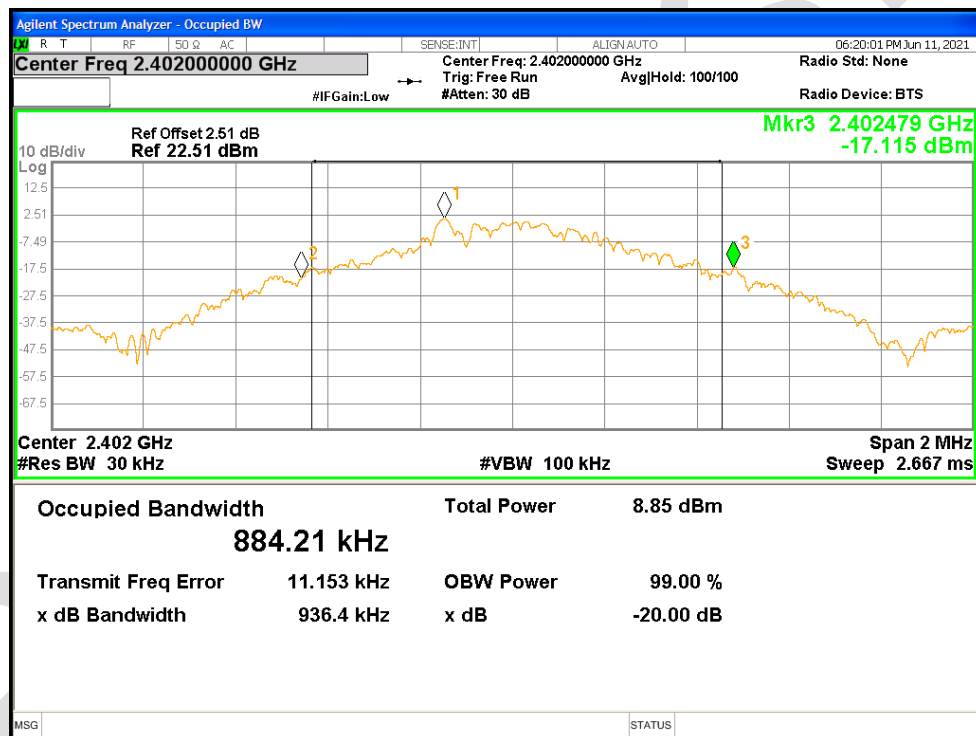
Power NVNT 3-DH1 2480MHz Ant1



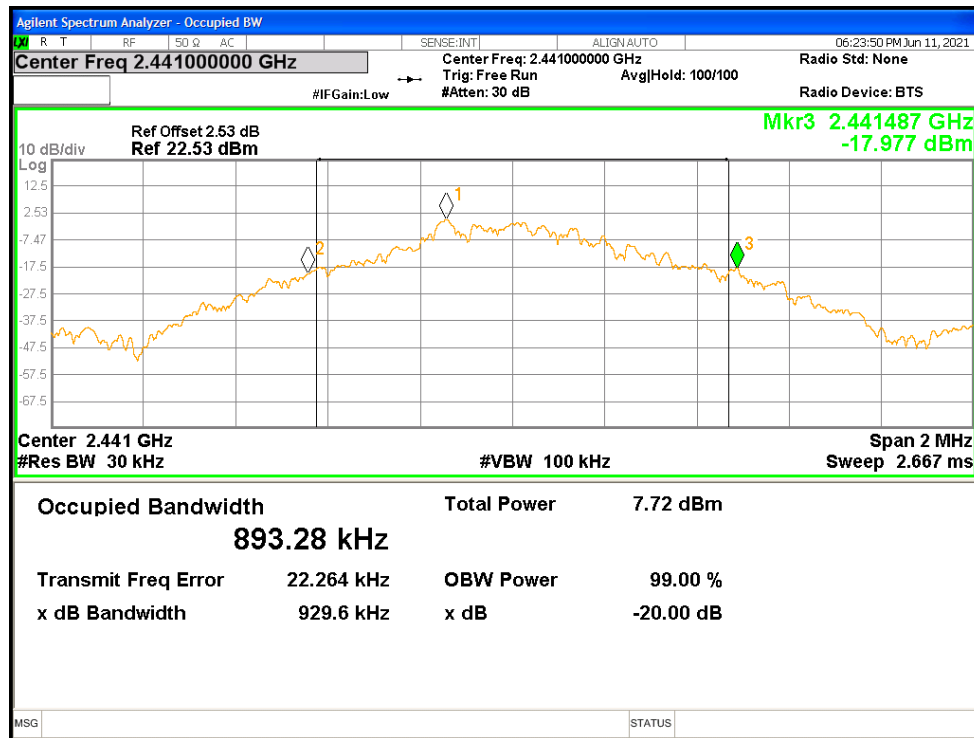
12.2 -20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	0.936	0	Pass
NVNT	1-DH1	2441	Ant1	0.93	0	Pass
NVNT	1-DH1	2480	Ant1	0.938	0	Pass
NVNT	2-DH1	2402	Ant1	1.262	0	Pass
NVNT	2-DH1	2441	Ant1	1.27	0	Pass
NVNT	2-DH1	2480	Ant1	1.281	0	Pass
NVNT	3-DH1	2402	Ant1	1.294	0	Pass
NVNT	3-DH1	2441	Ant1	1.265	0	Pass
NVNT	3-DH1	2480	Ant1	1.265	0	Pass

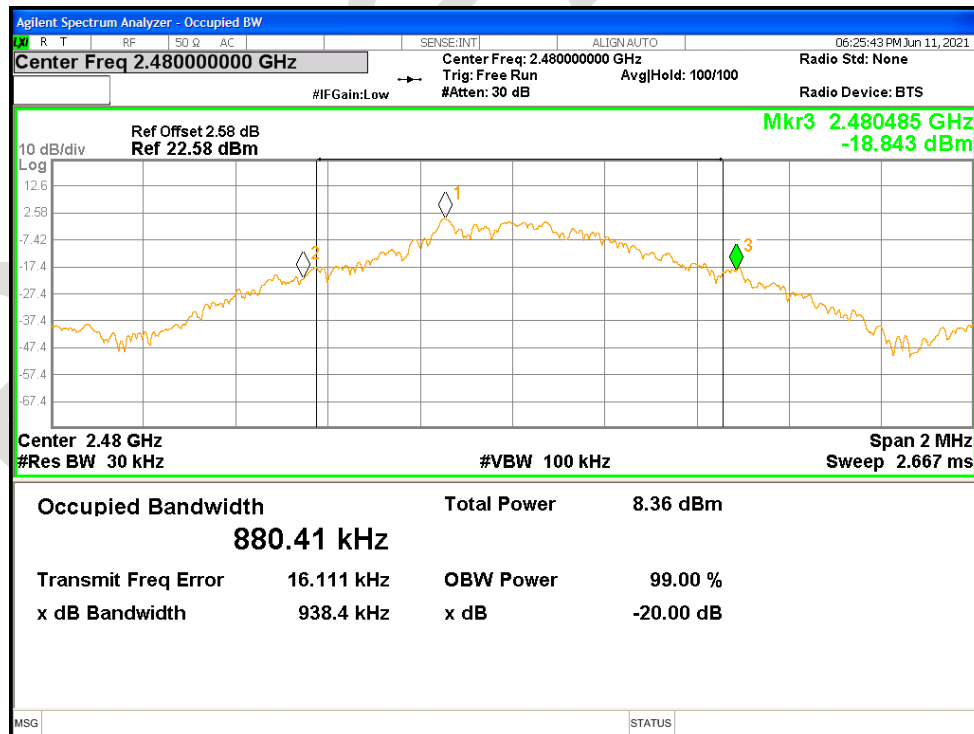
-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



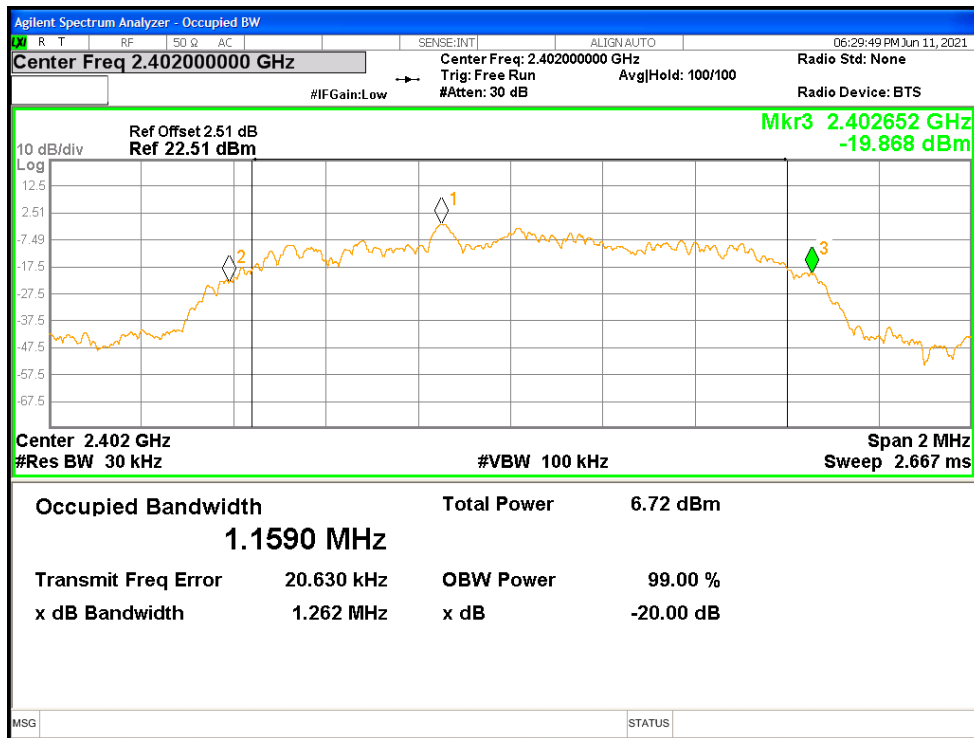
-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



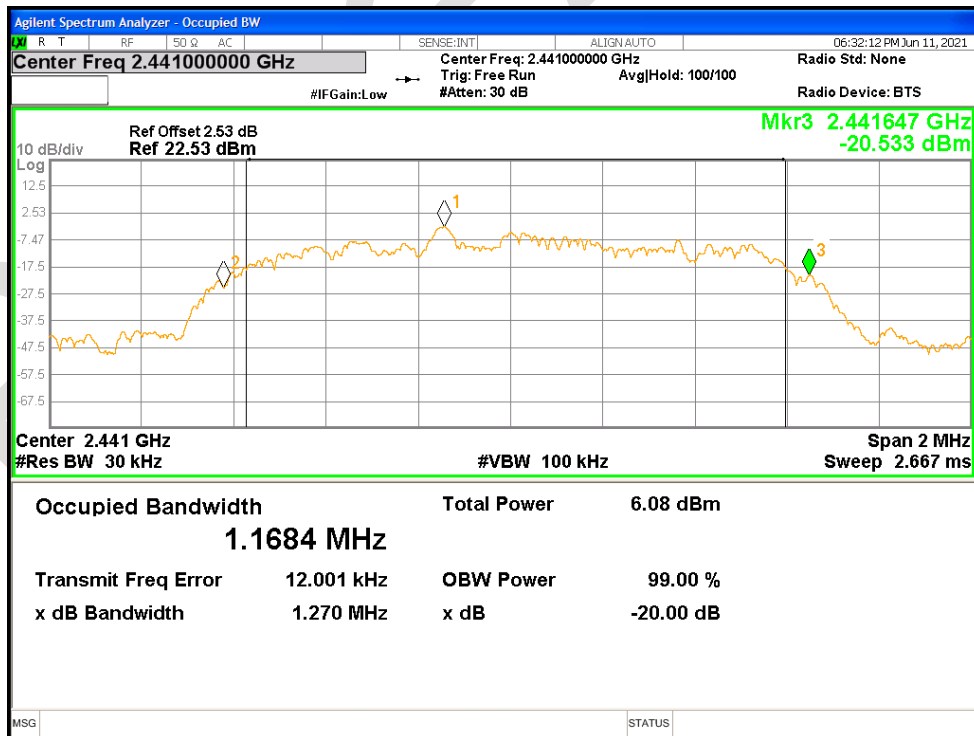
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



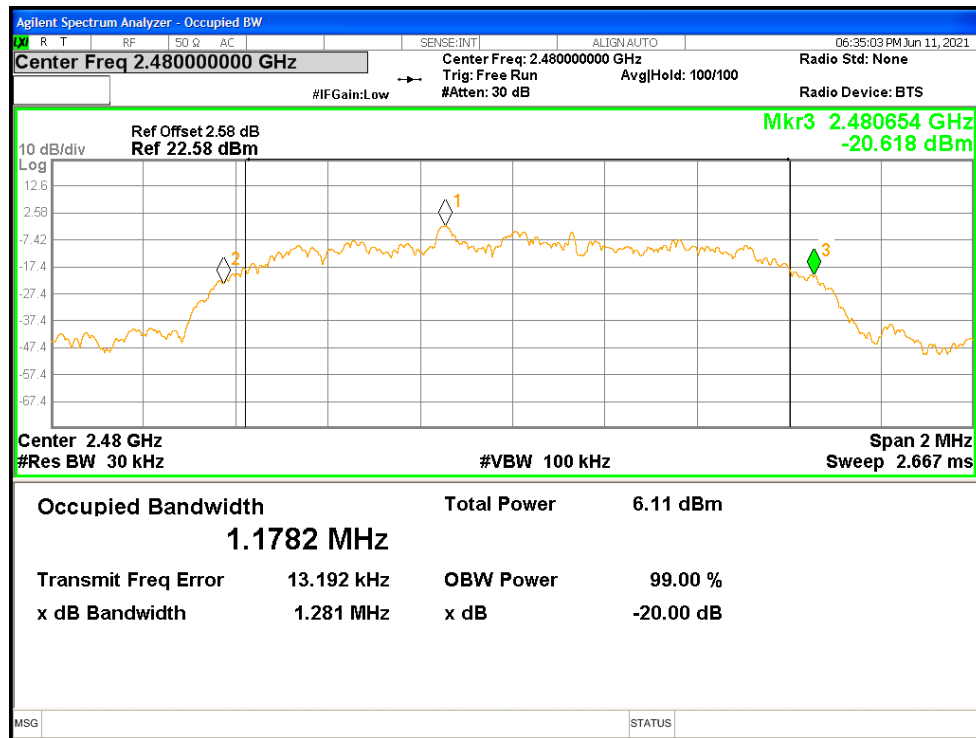
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



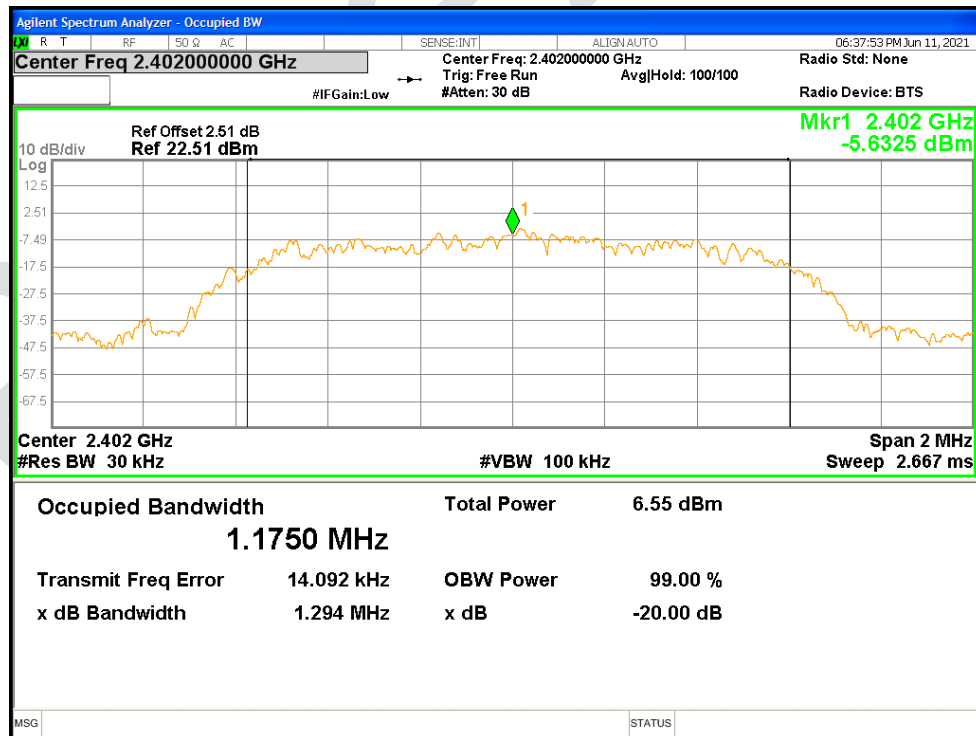
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



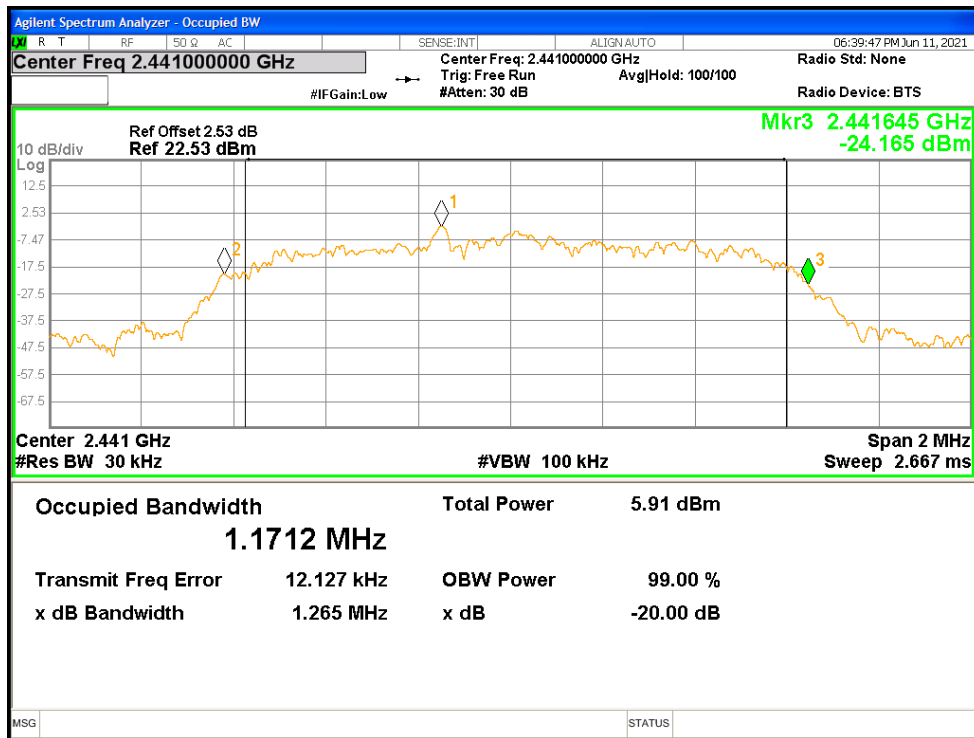
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1



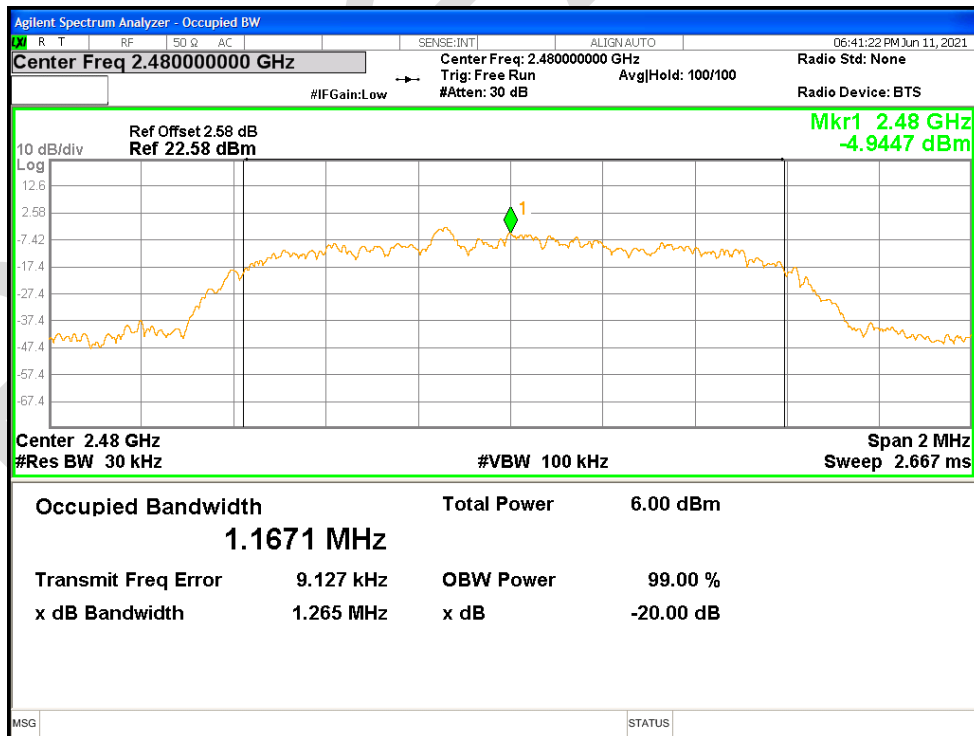
-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



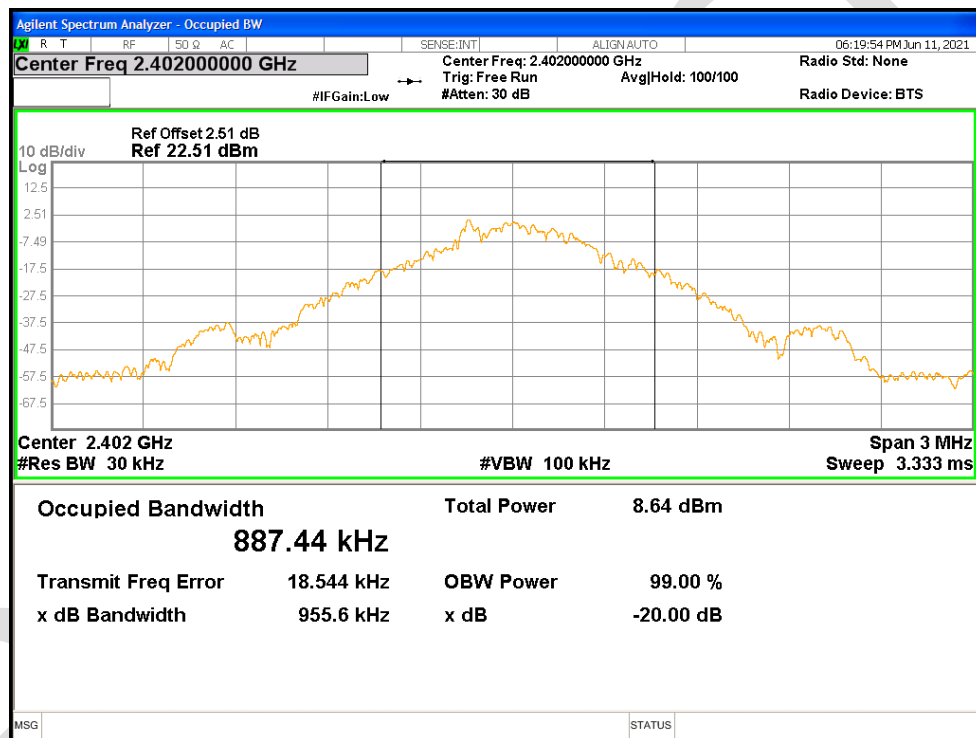
-20dB Bandwidth NVNT 3-DH1 2480MHz Ant1



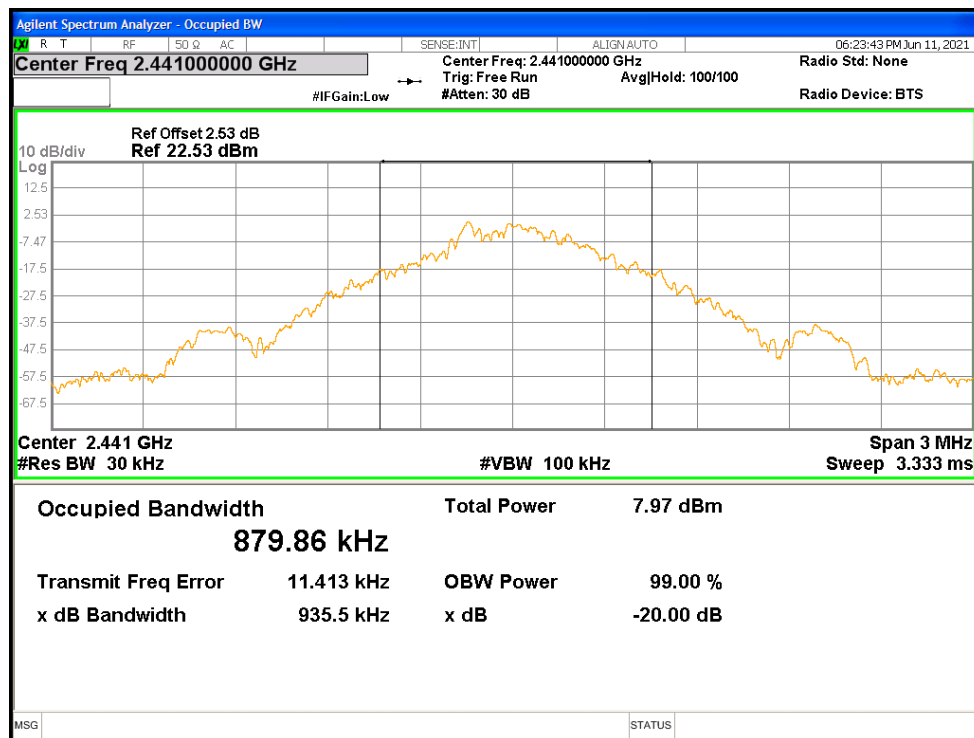
12.3 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.8874413782
NVNT	1-DH1	2441	Ant1	0.8798599742
NVNT	1-DH1	2480	Ant1	0.8904358272
NVNT	2-DH1	2402	Ant1	1.168334621
NVNT	2-DH1	2441	Ant1	1.167993
NVNT	2-DH1	2480	Ant1	1.193367821
NVNT	3-DH1	2402	Ant1	1.160077568
NVNT	3-DH1	2441	Ant1	1.169311019
NVNT	3-DH1	2480	Ant1	1.204406976

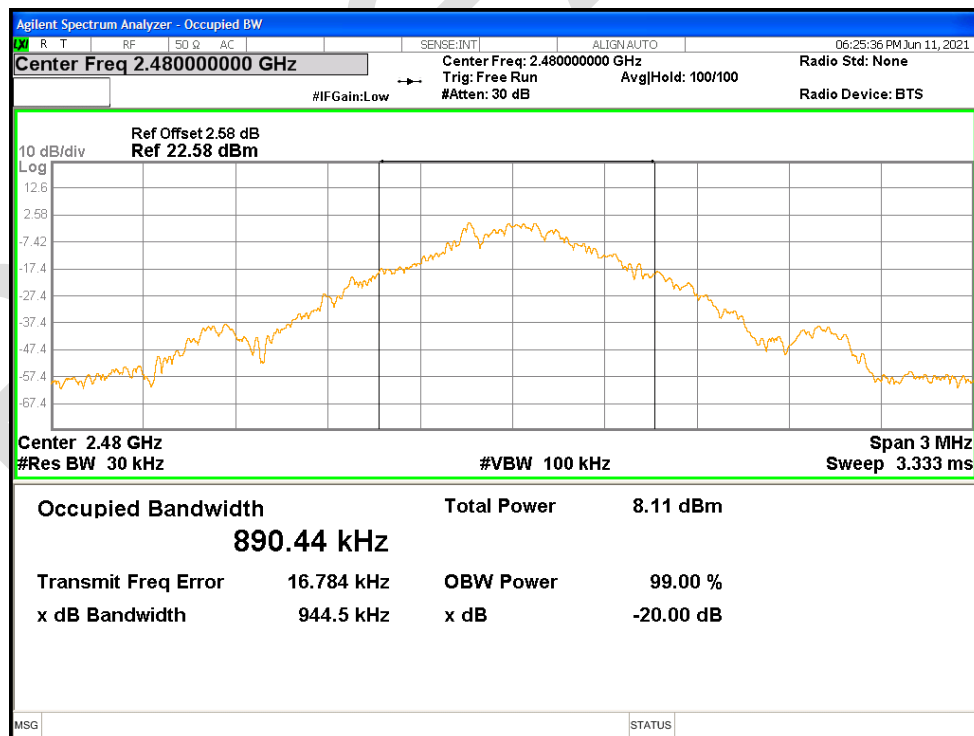
OBW NVNT 1-DH1 2402MHz Ant1



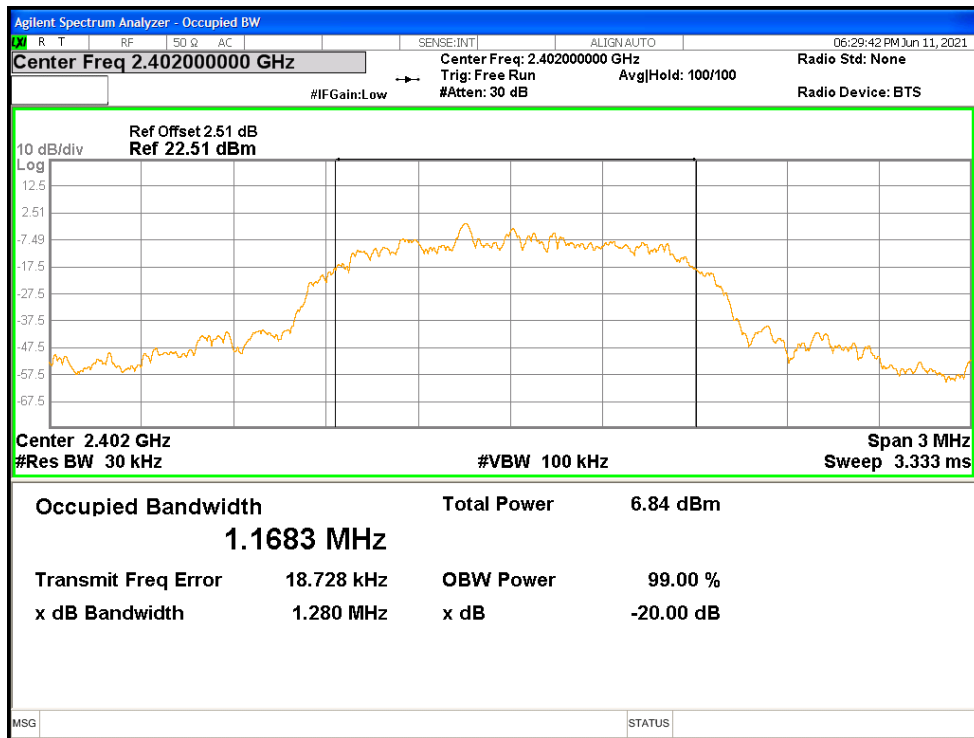
OBW NVNT 1-DH1 2441MHz Ant1



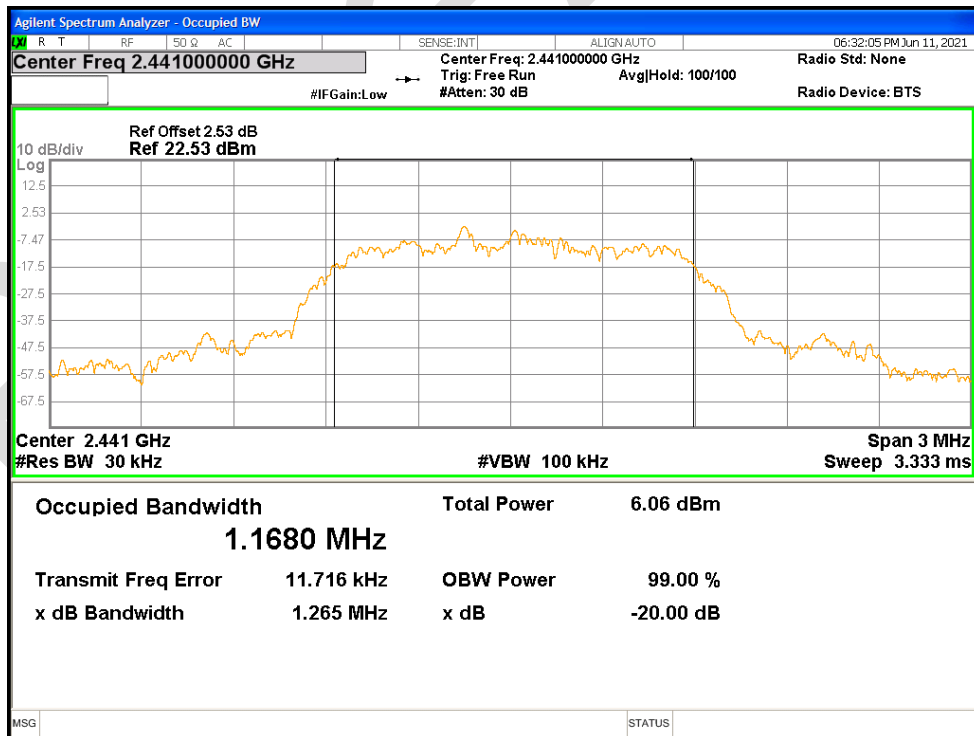
OBW NVNT 1-DH1 2480MHz Ant1



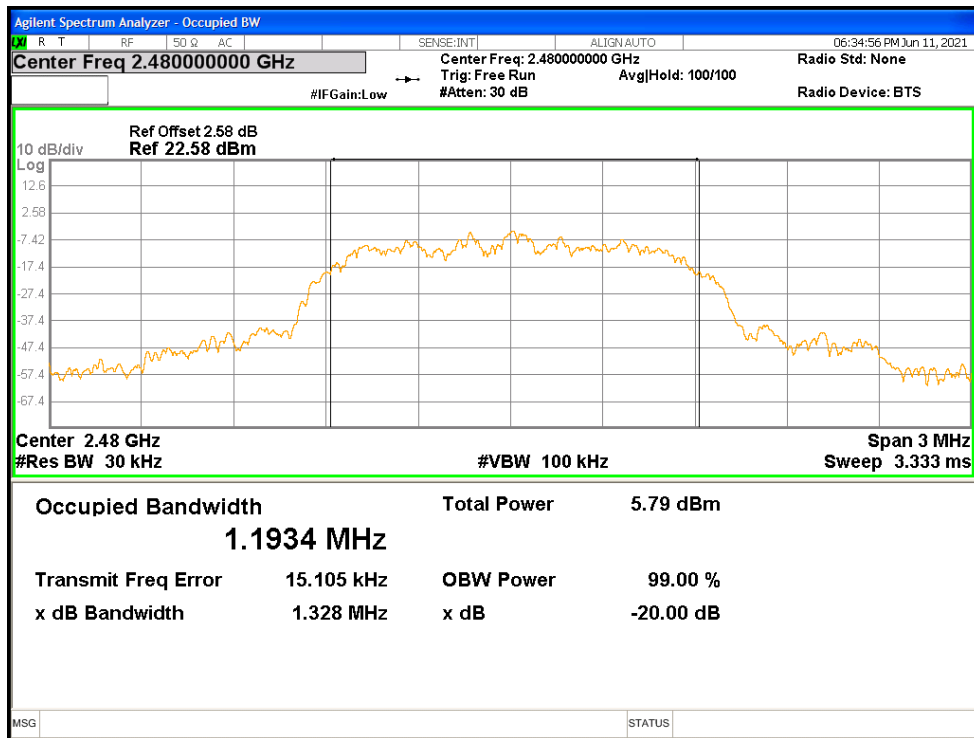
OBW NVNT 2-DH1 2402MHz Ant1



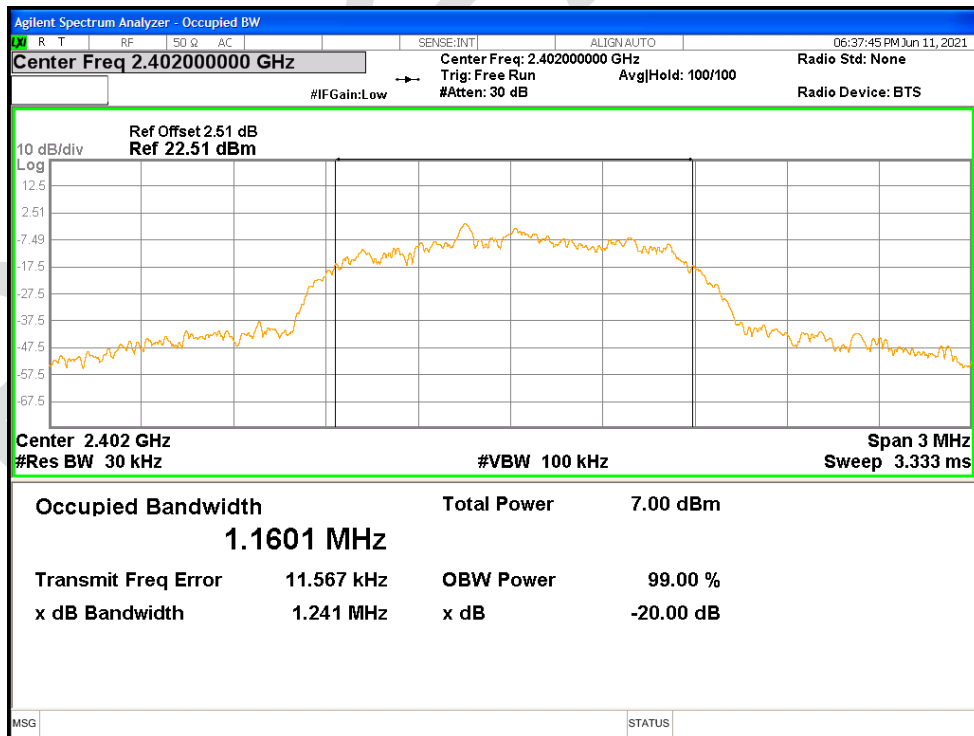
OBW NVNT 2-DH1 2441MHz Ant1



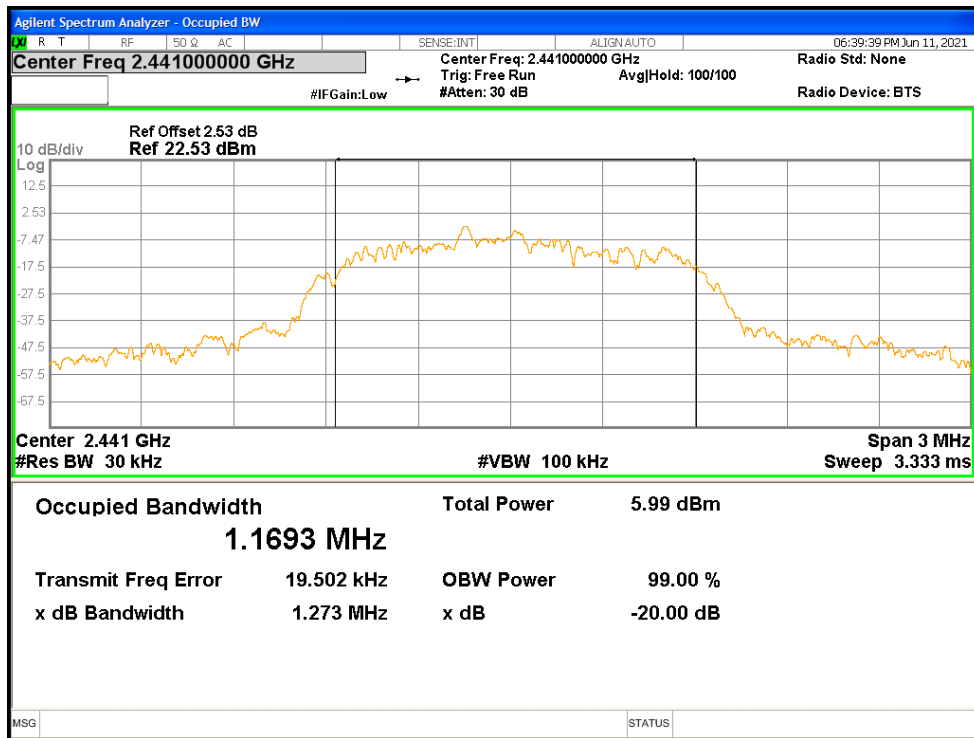
OBW NVNT 2-DH1 2480MHz Ant1



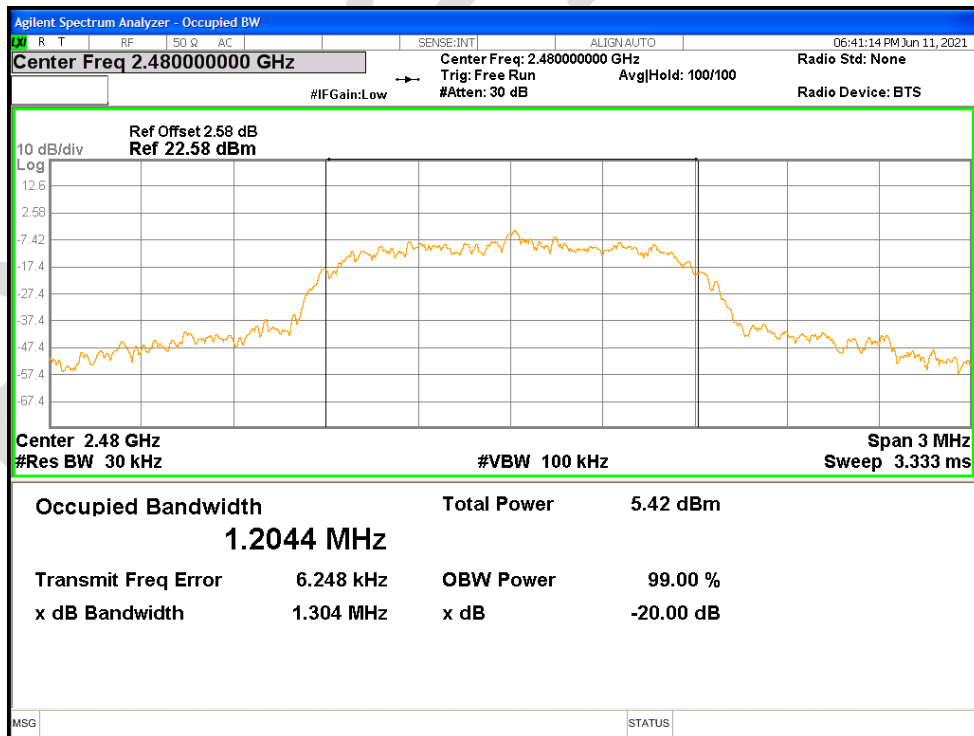
OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



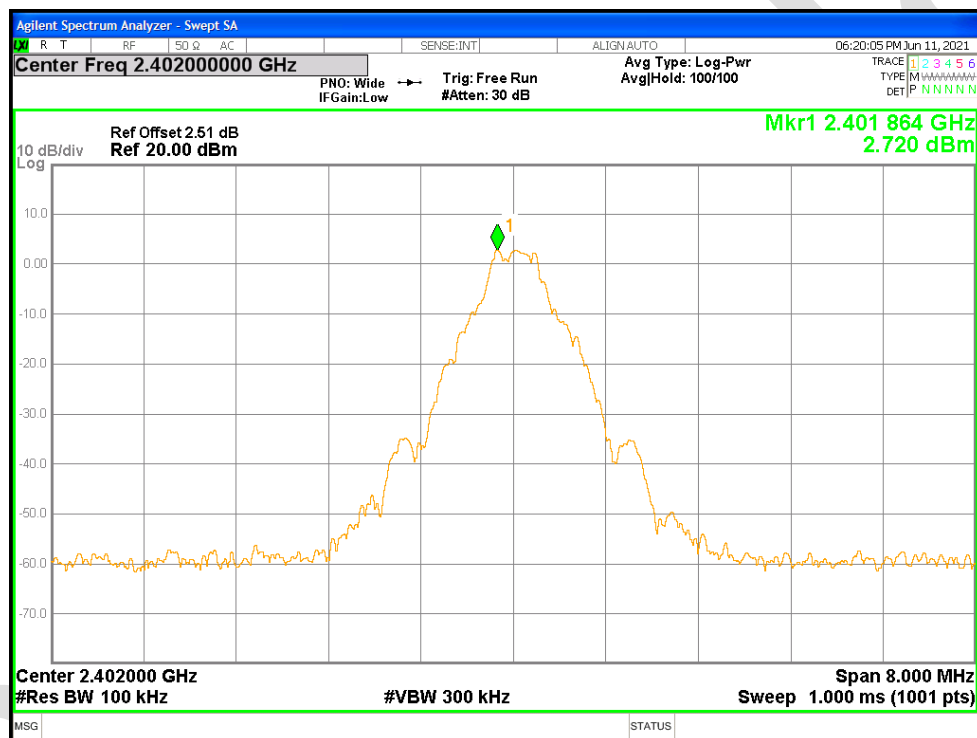
OBW NVNT 3-DH1 2480MHz Ant1



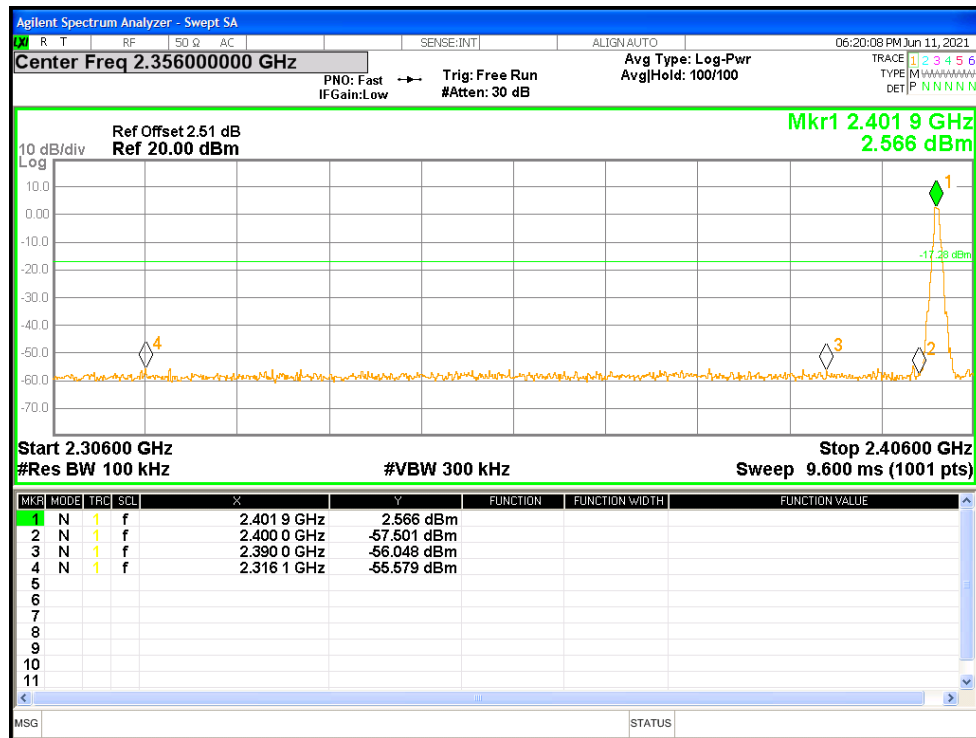
12.4 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-58.29	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-57.39	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-55.46	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-54.08	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-55.14	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-53.83	-20	Pass

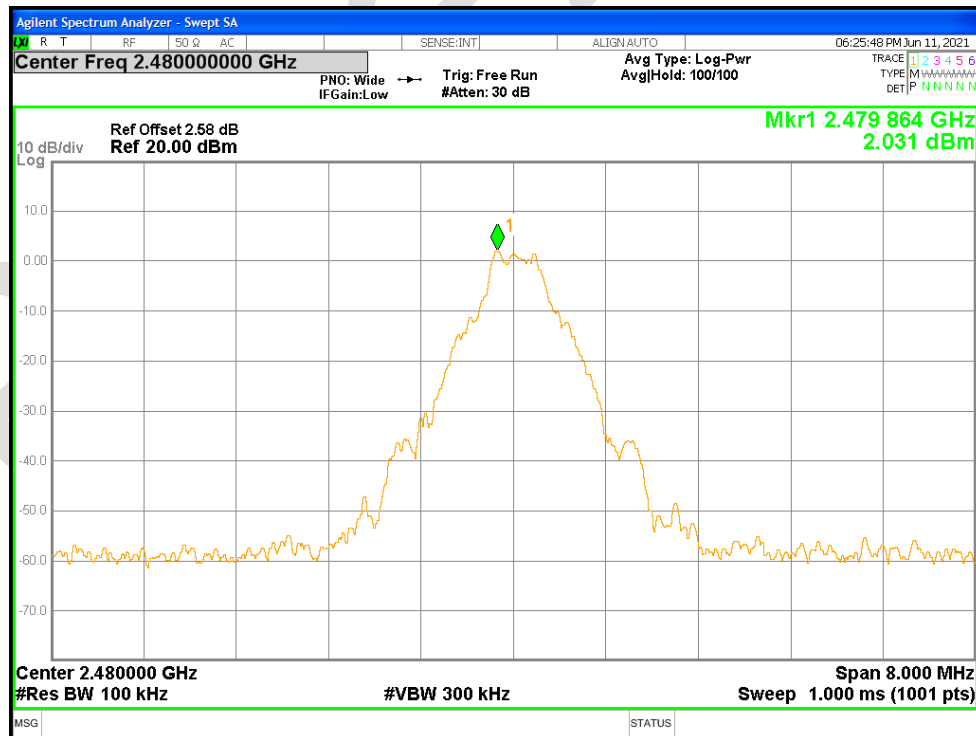
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



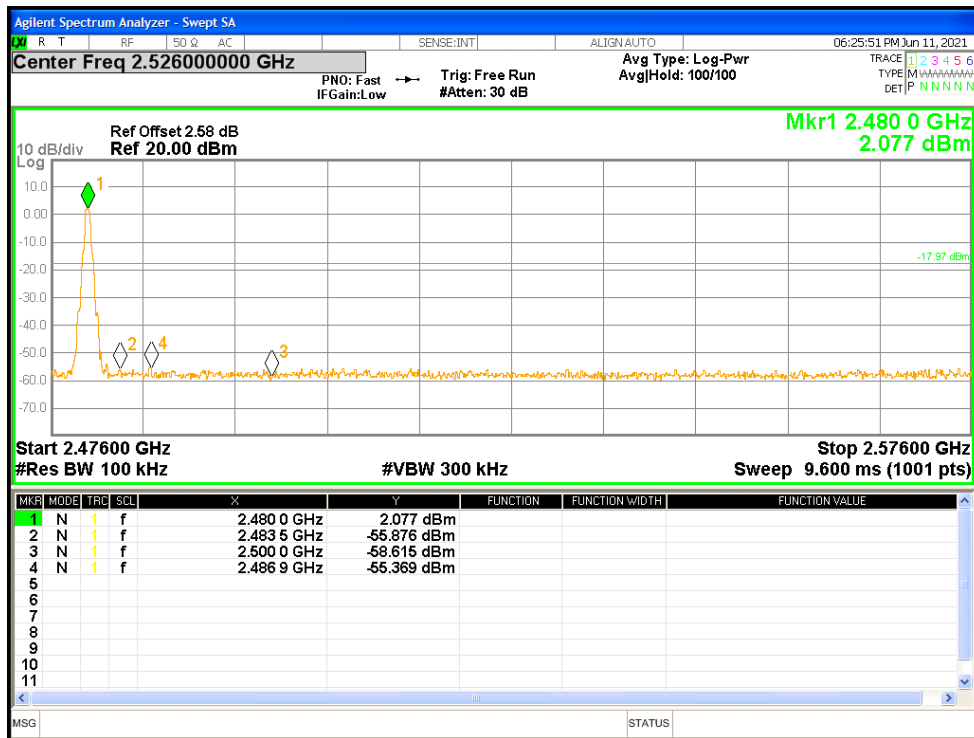
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



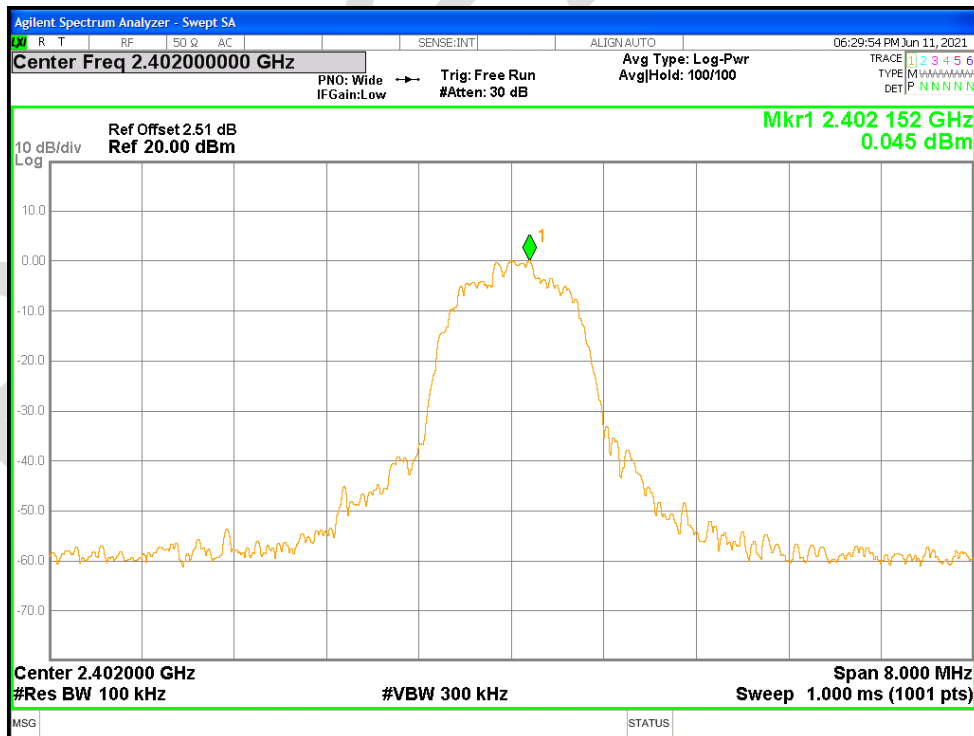
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



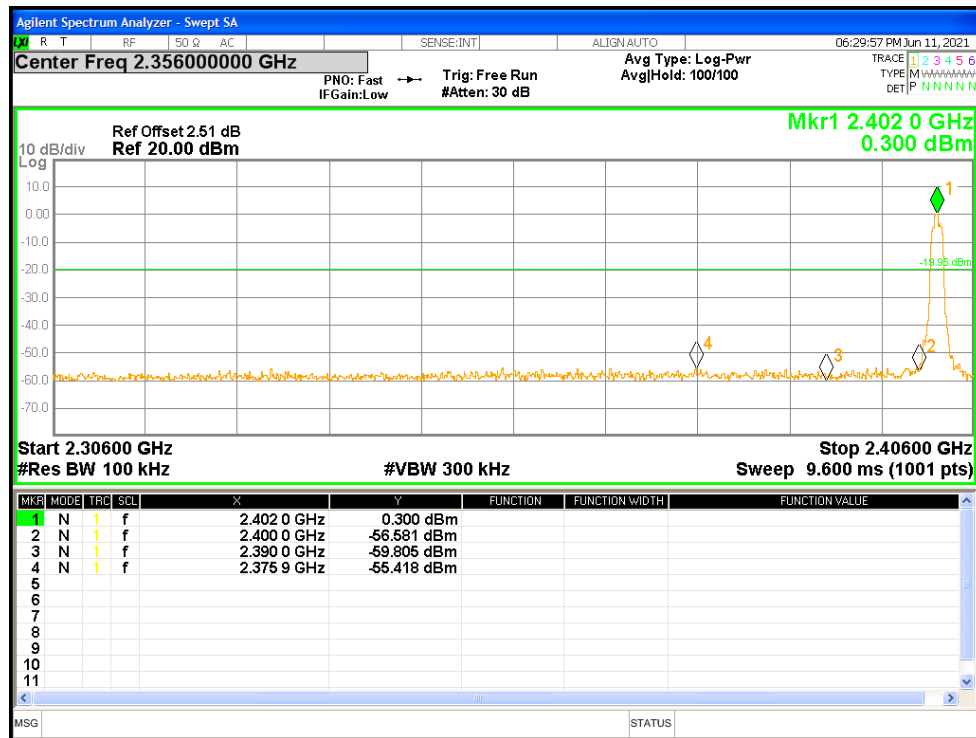
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



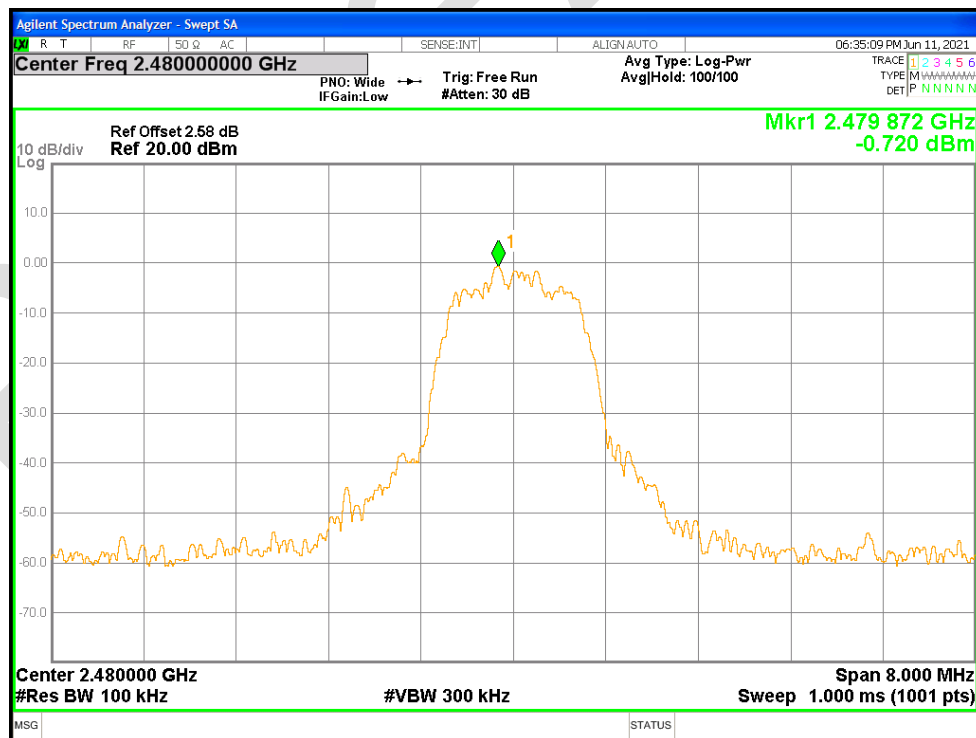
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



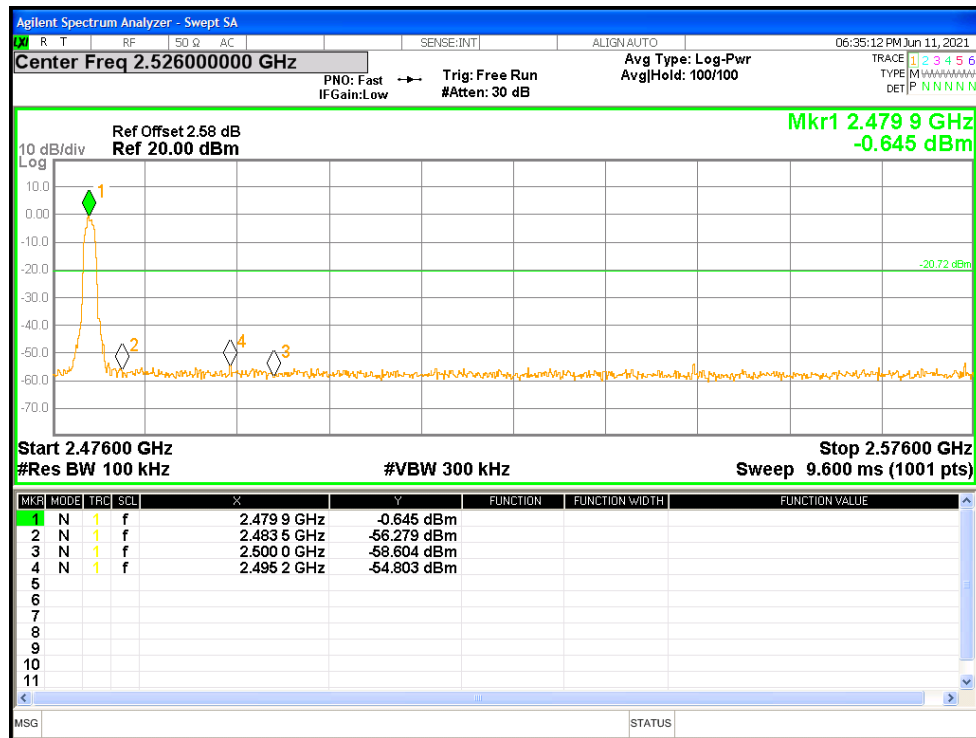
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



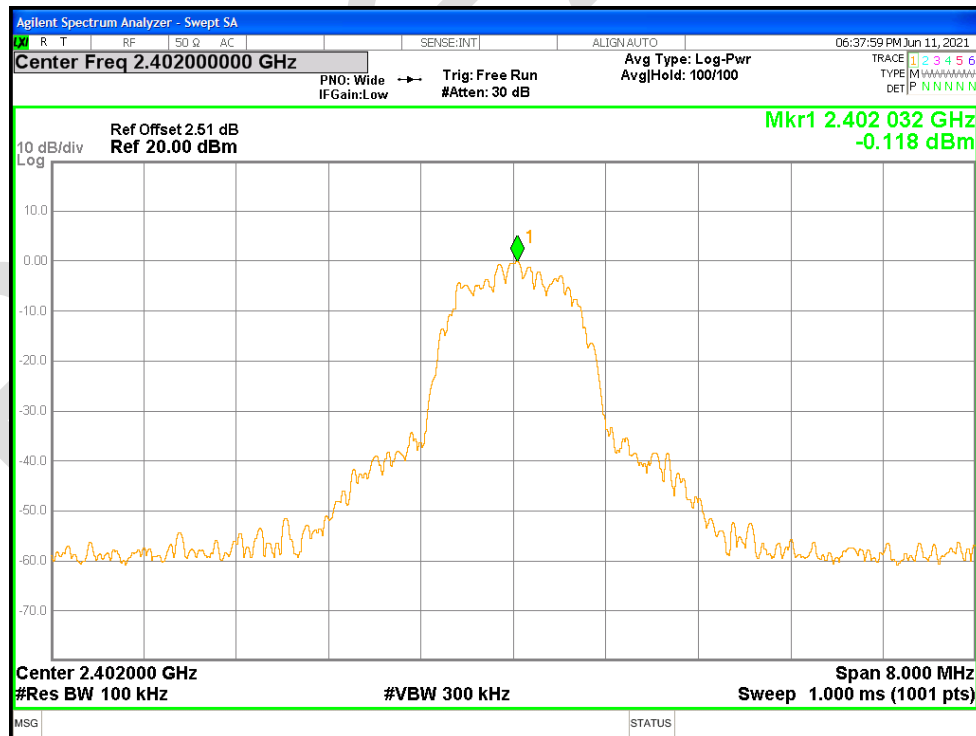
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



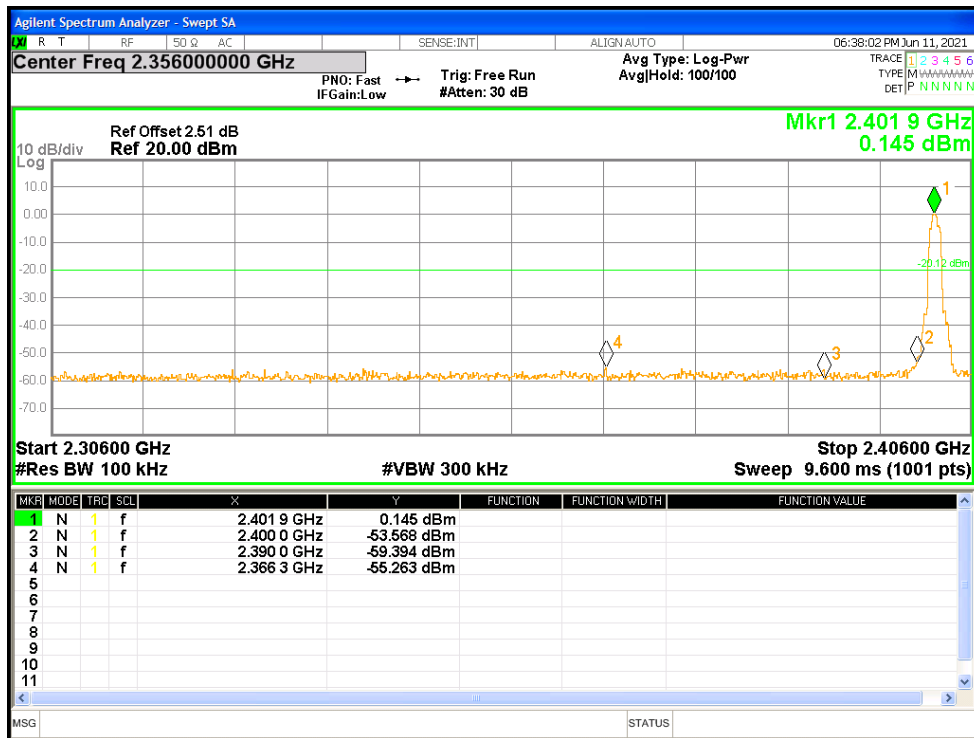
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



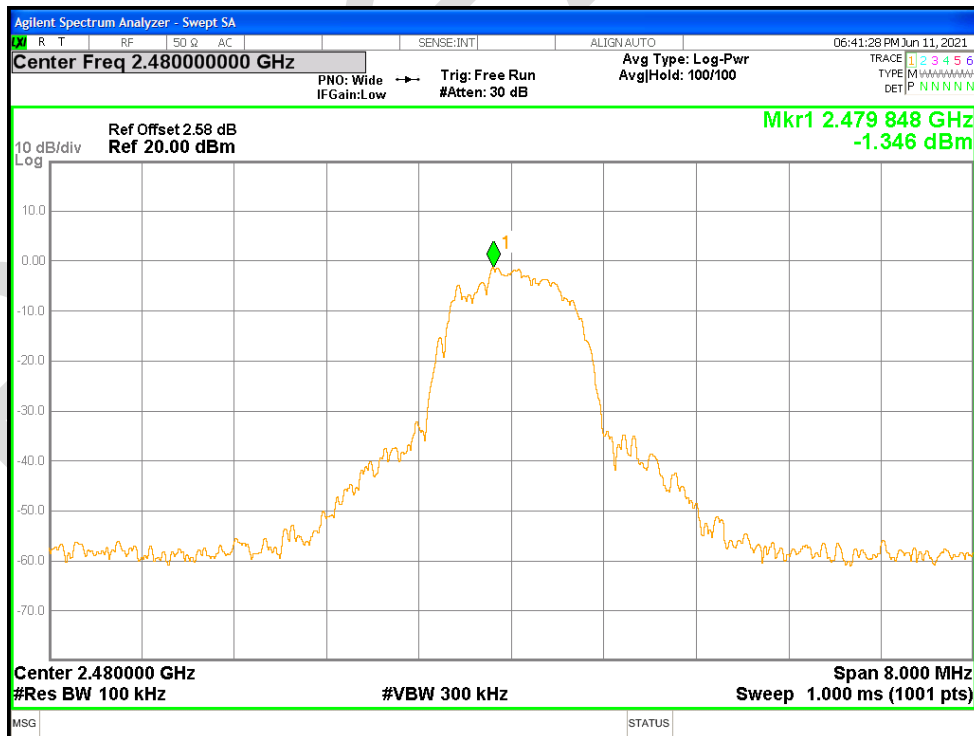
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



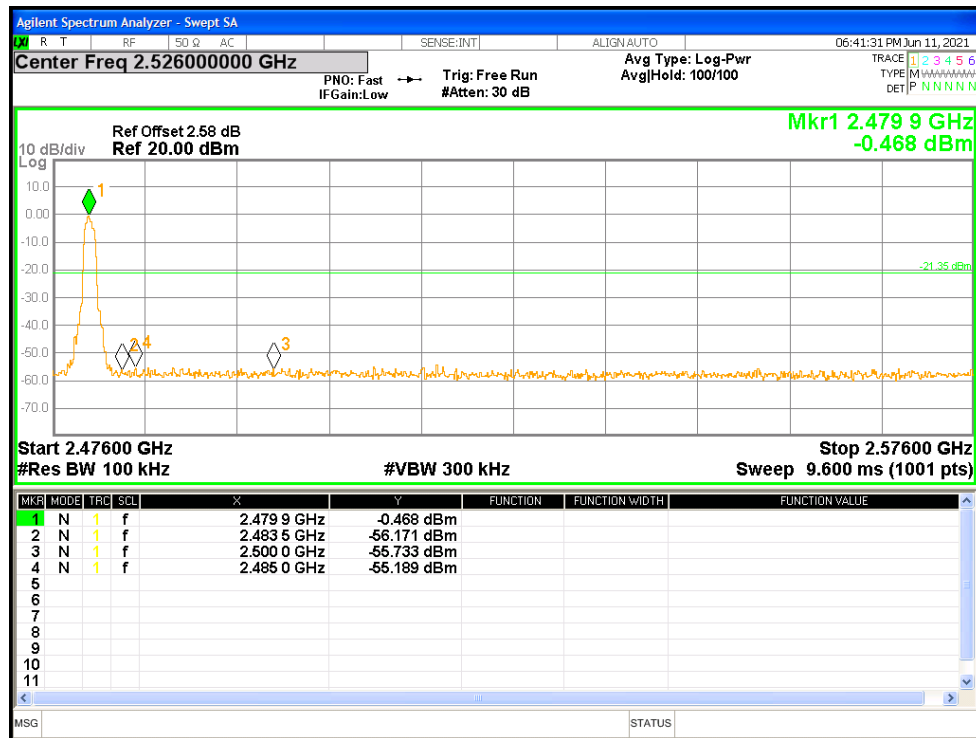
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Ref



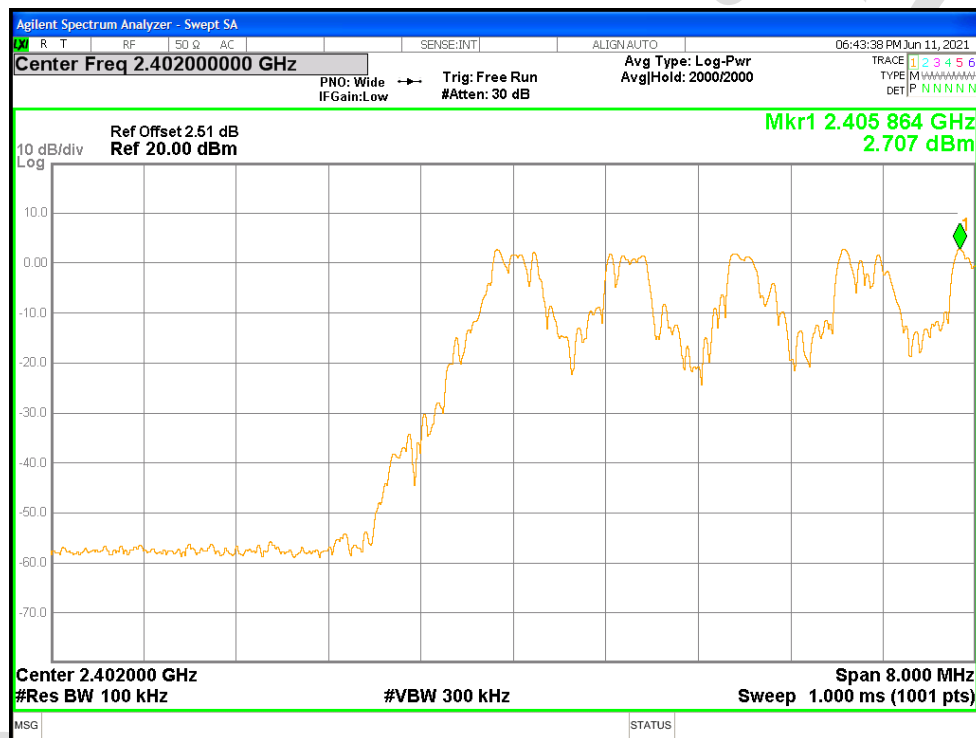
Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Emission



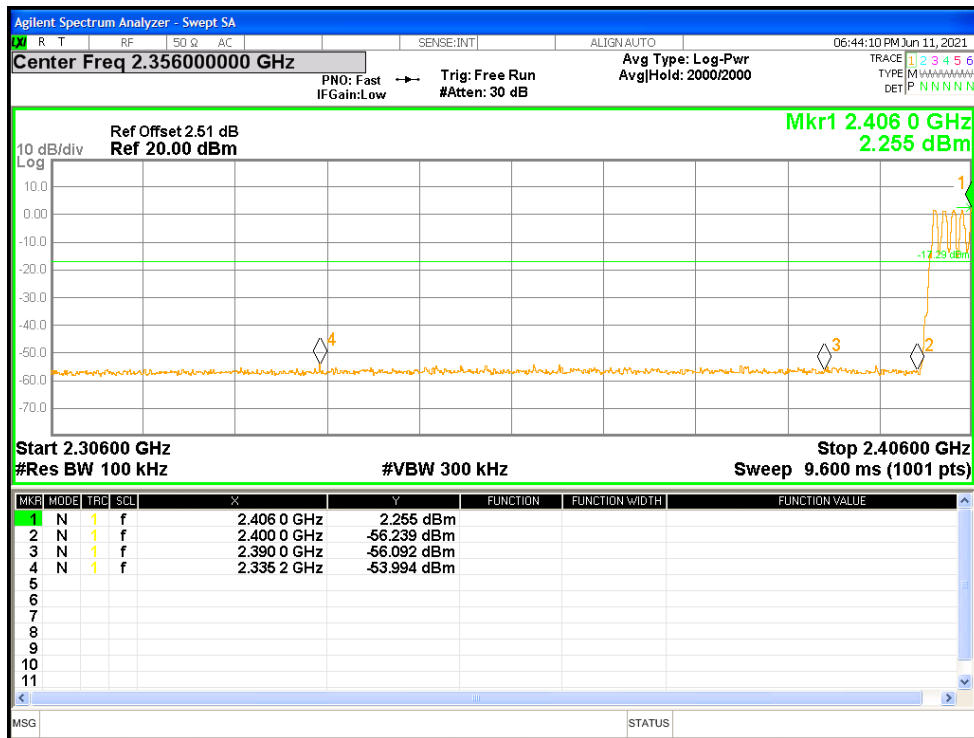
12.5 Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-56.7	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-56.22	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-53.47	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-53.82	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-52.39	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-53.79	-20	Pass

Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



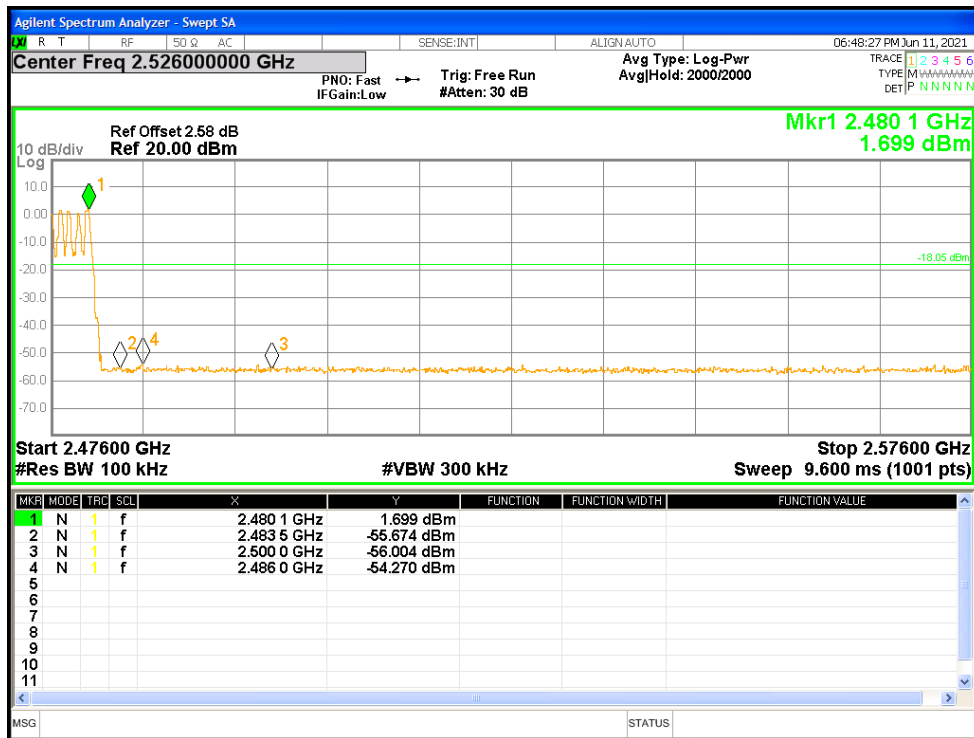
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission



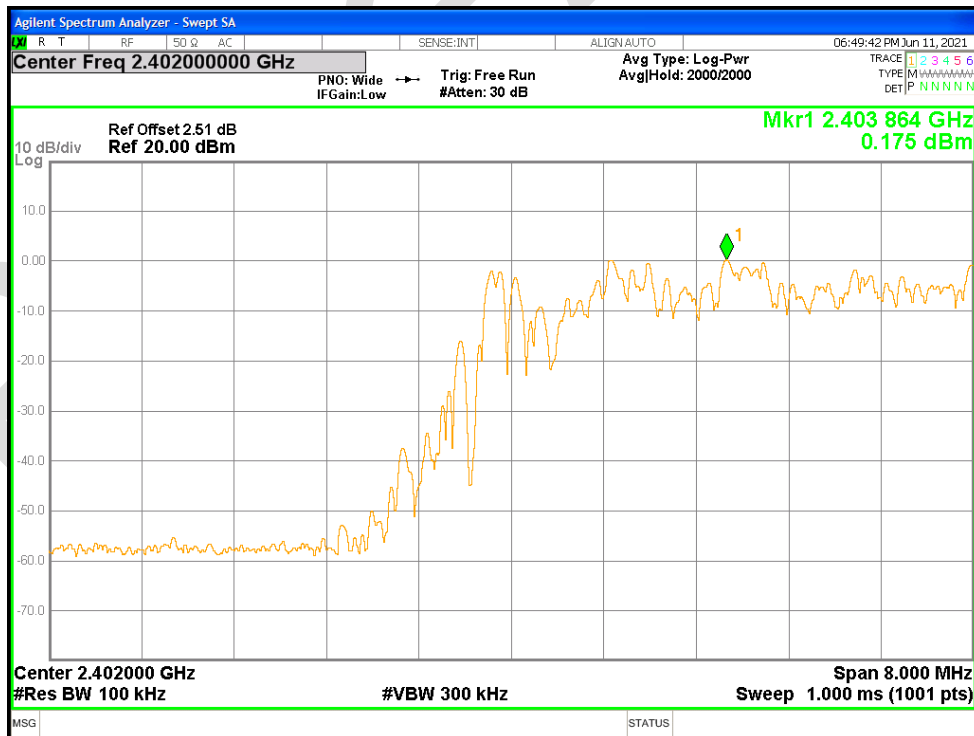
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



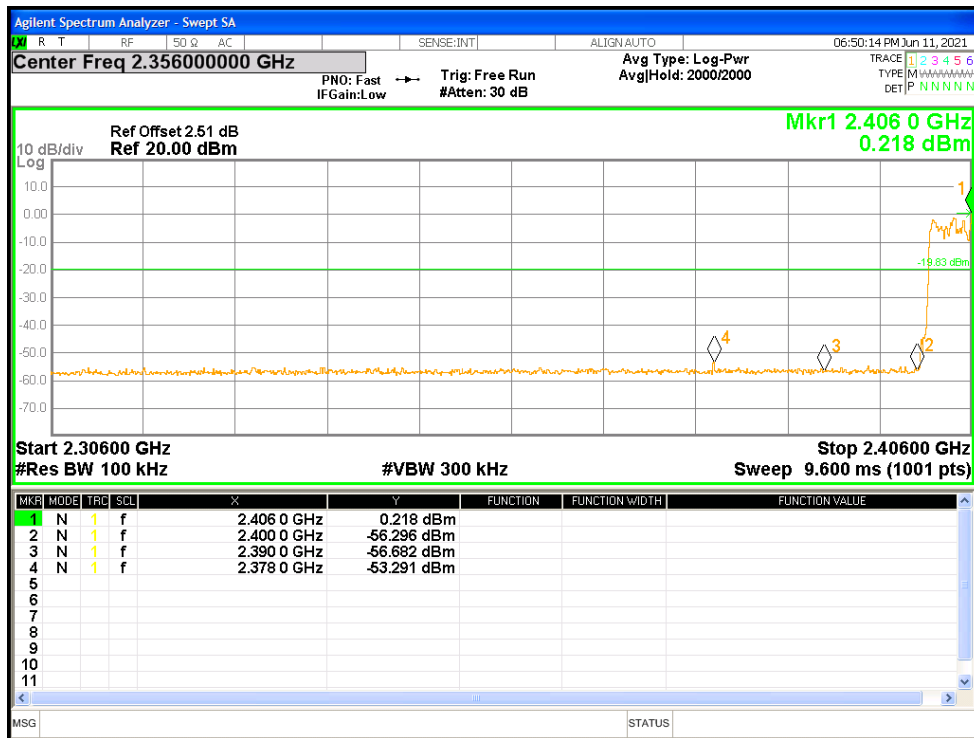
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



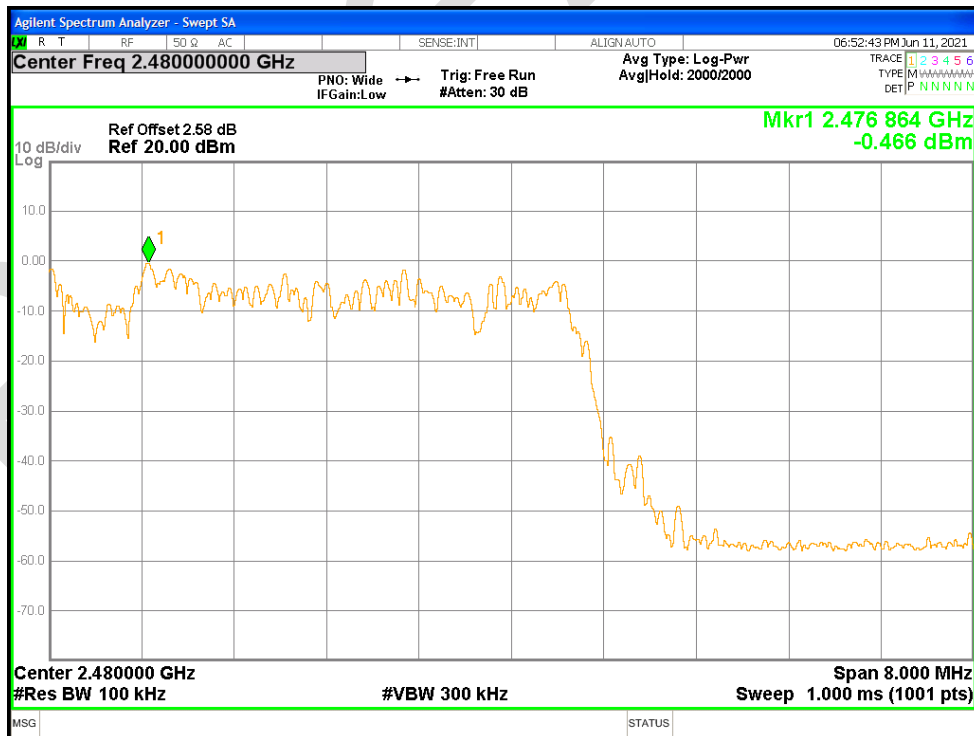
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref



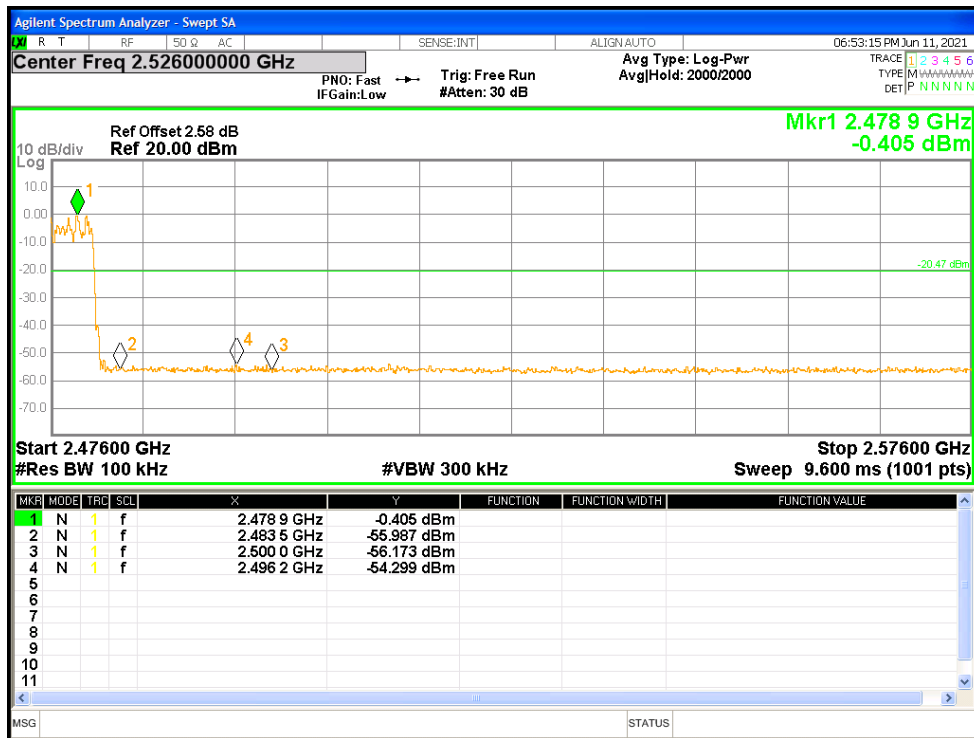
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission



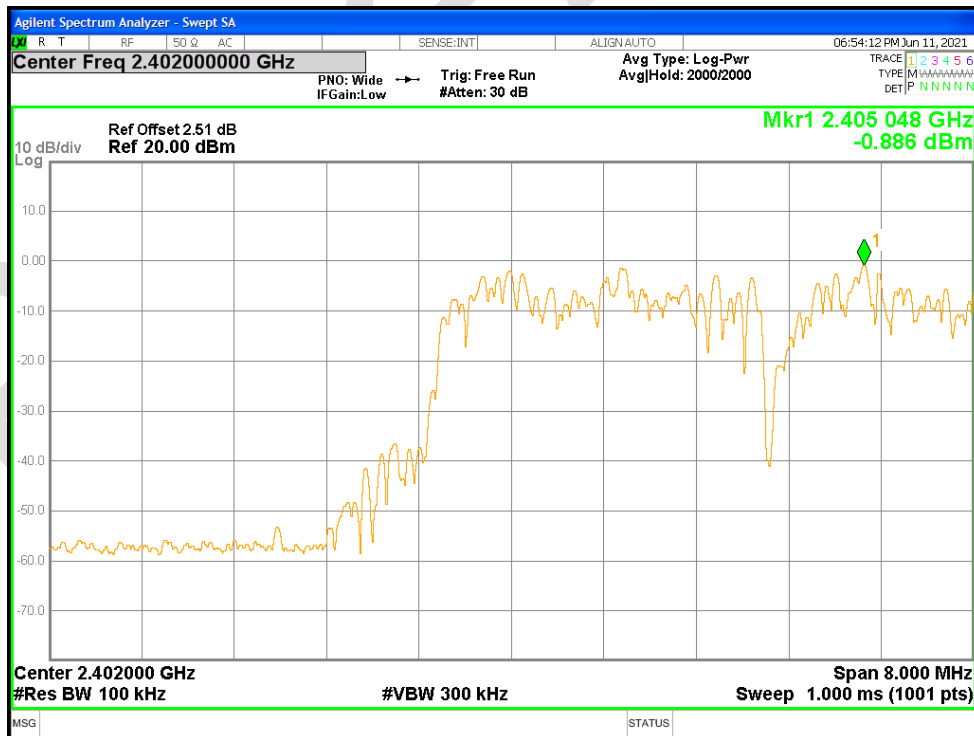
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



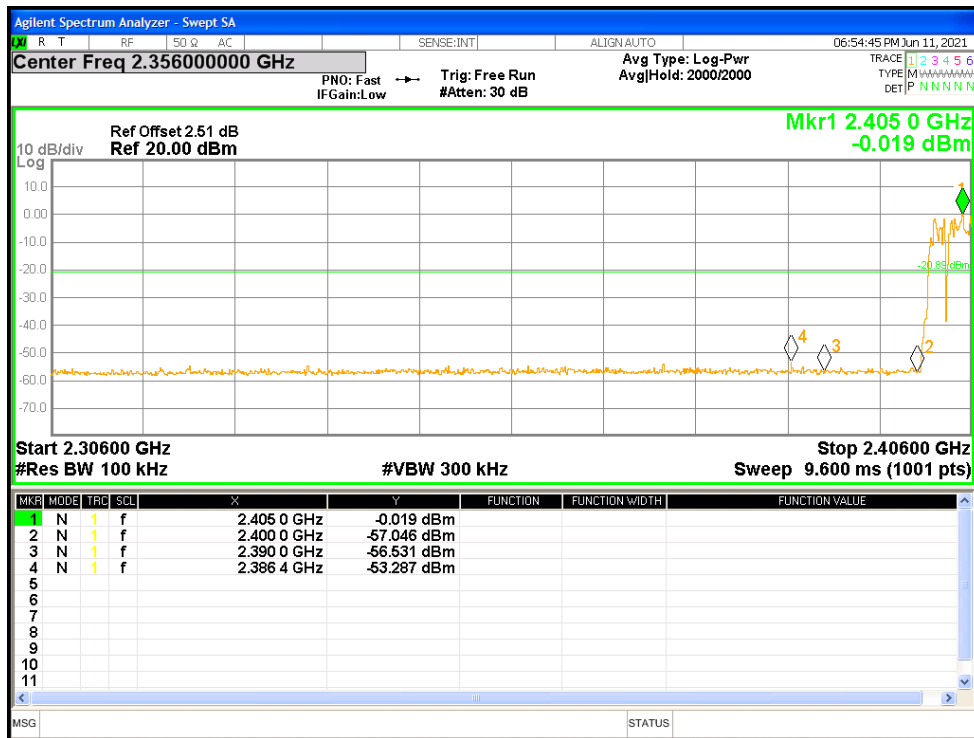
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission



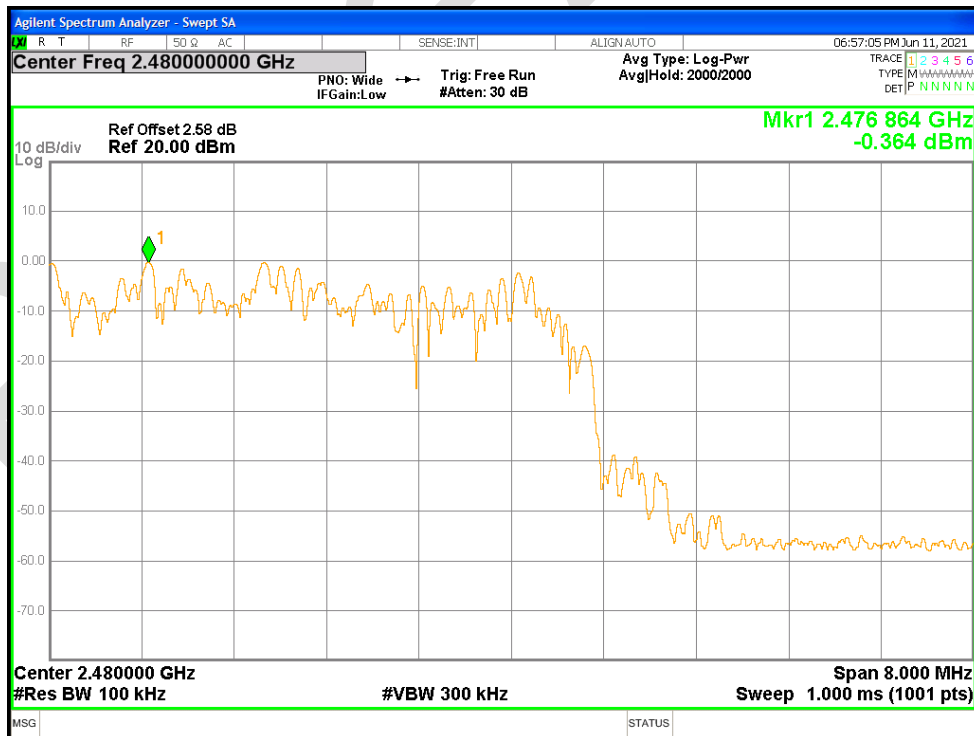
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



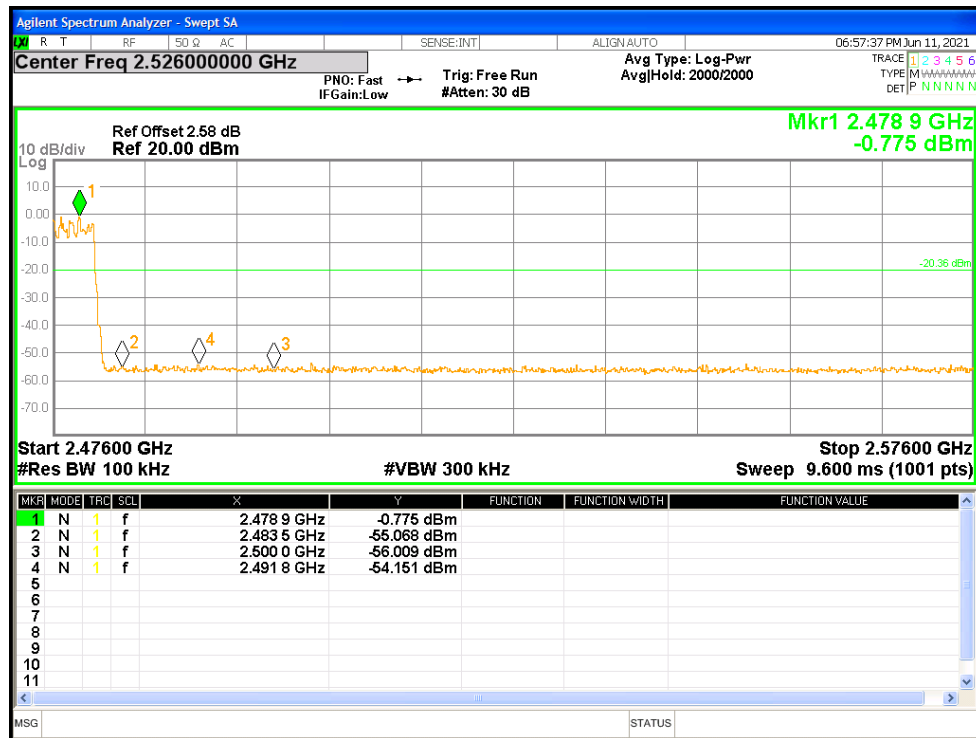
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Ref



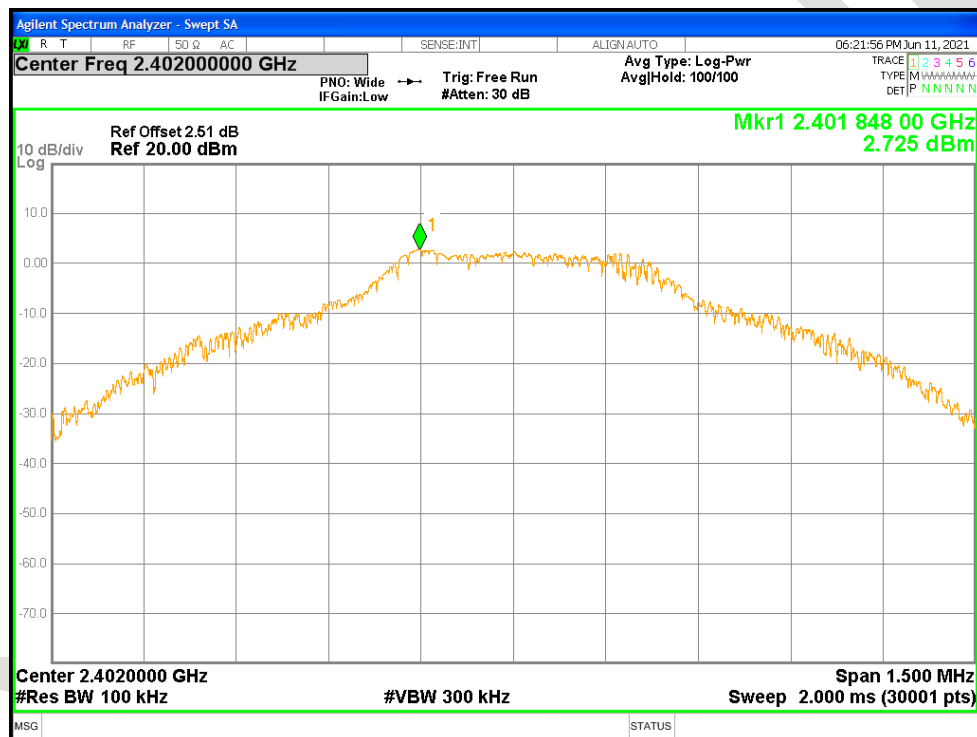
Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission



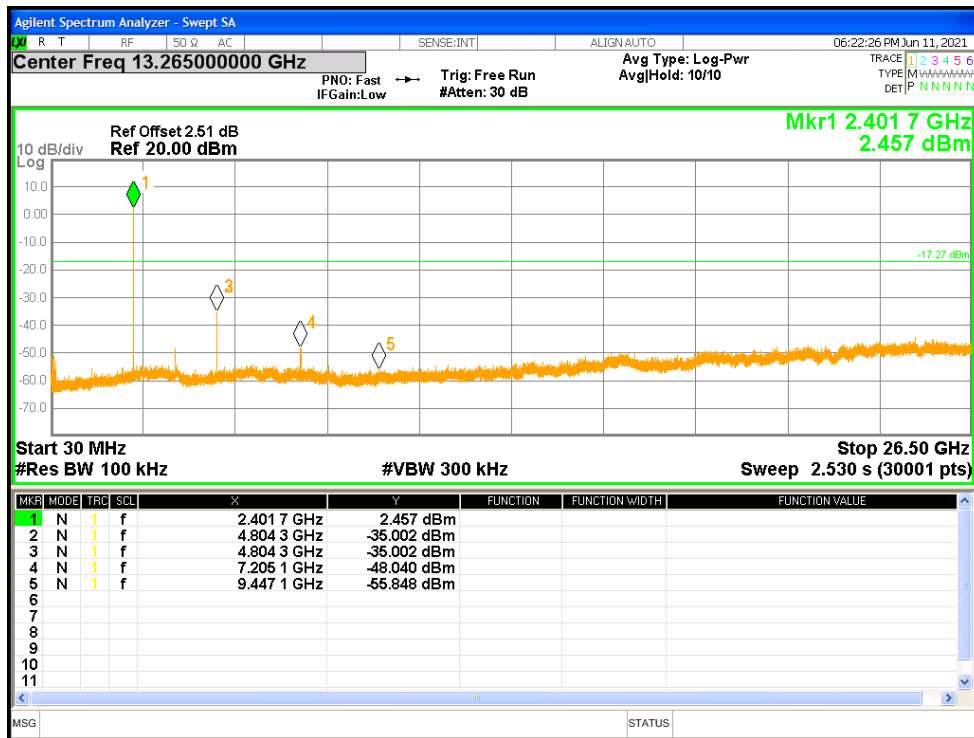
12.6 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-37.73	-20	Pass
NVNT	1-DH1	2441	Ant1	-34.2	-20	Pass
NVNT	1-DH1	2480	Ant1	-34.76	-20	Pass
NVNT	2-DH1	2402	Ant1	-38.82	-20	Pass
NVNT	2-DH1	2441	Ant1	-38.03	-20	Pass
NVNT	2-DH1	2480	Ant1	-33.28	-20	Pass
NVNT	3-DH1	2402	Ant1	-37.08	-20	Pass
NVNT	3-DH1	2441	Ant1	-34.52	-20	Pass
NVNT	3-DH1	2480	Ant1	-34.26	-20	Pass

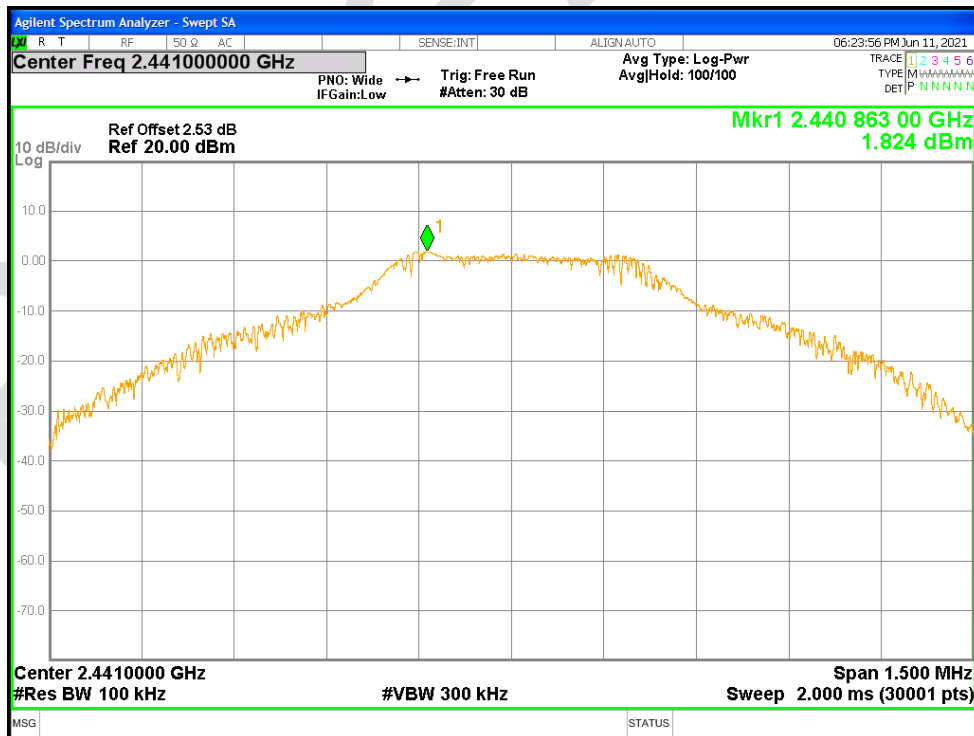
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



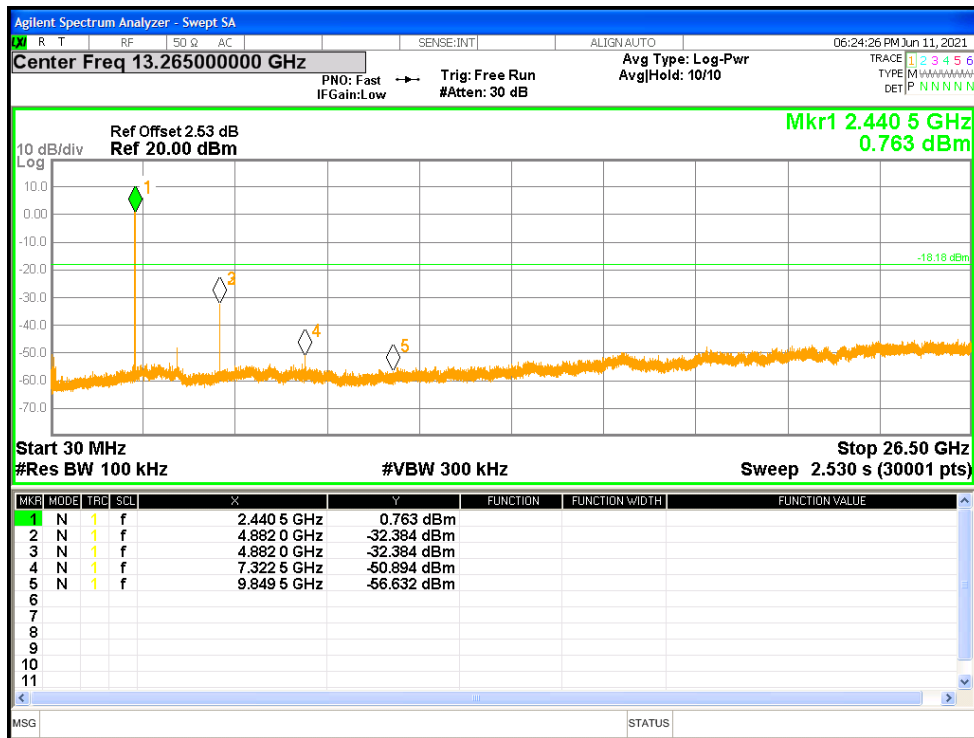
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



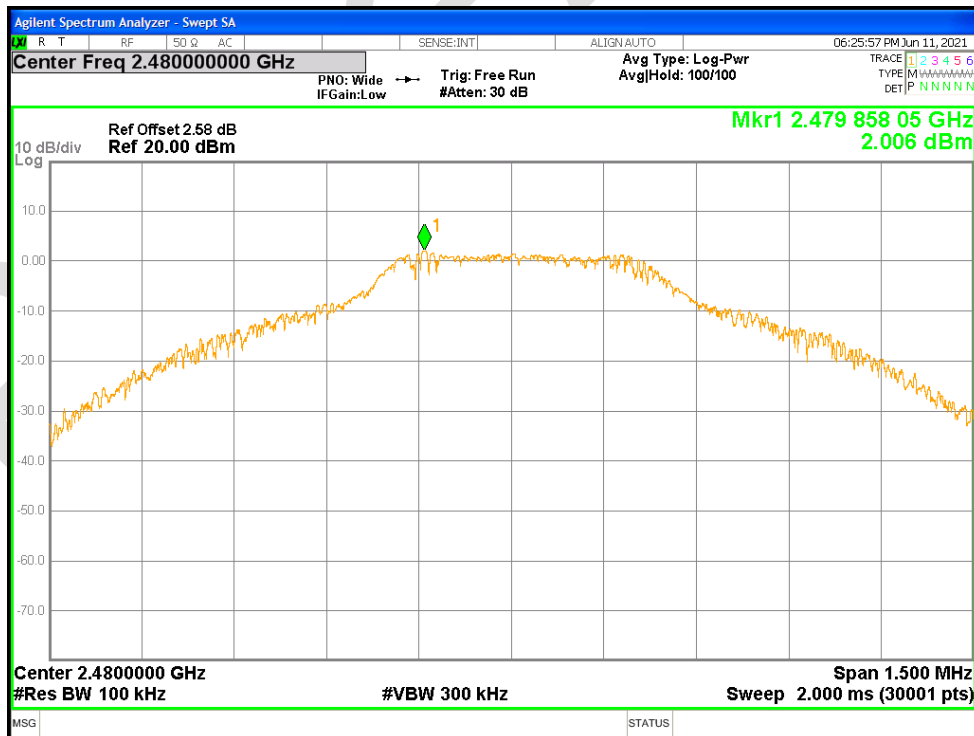
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



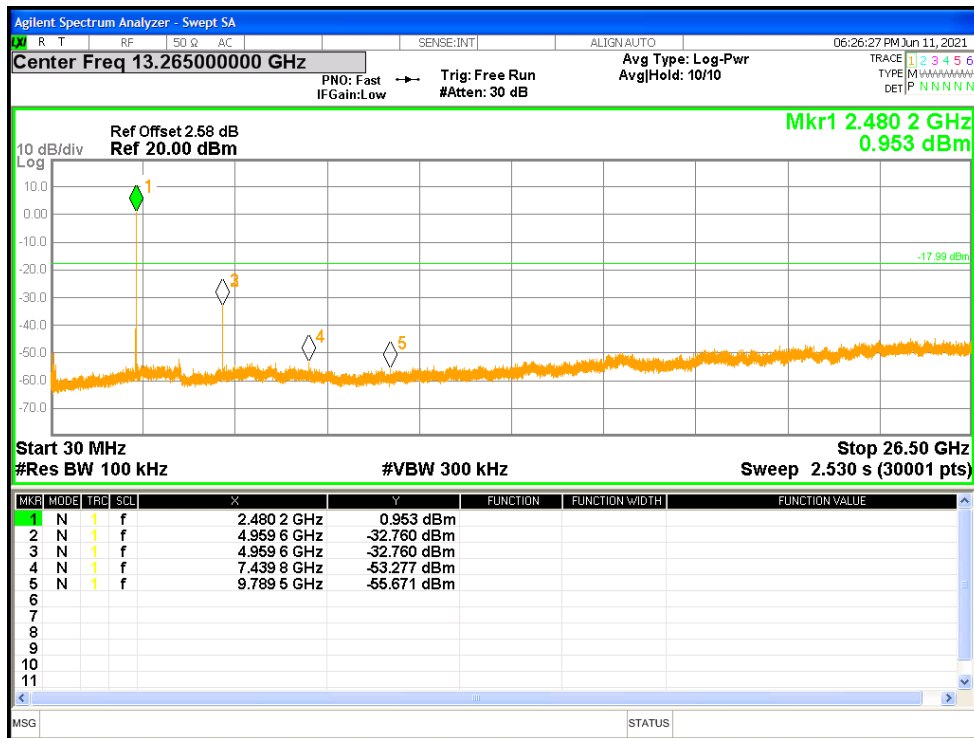
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



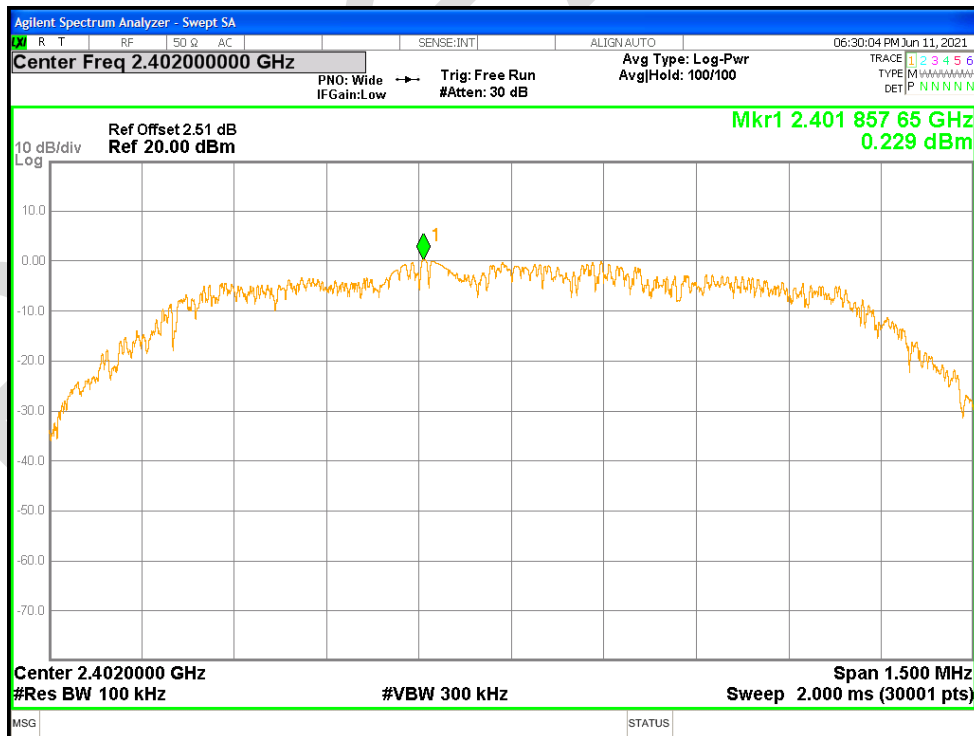
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



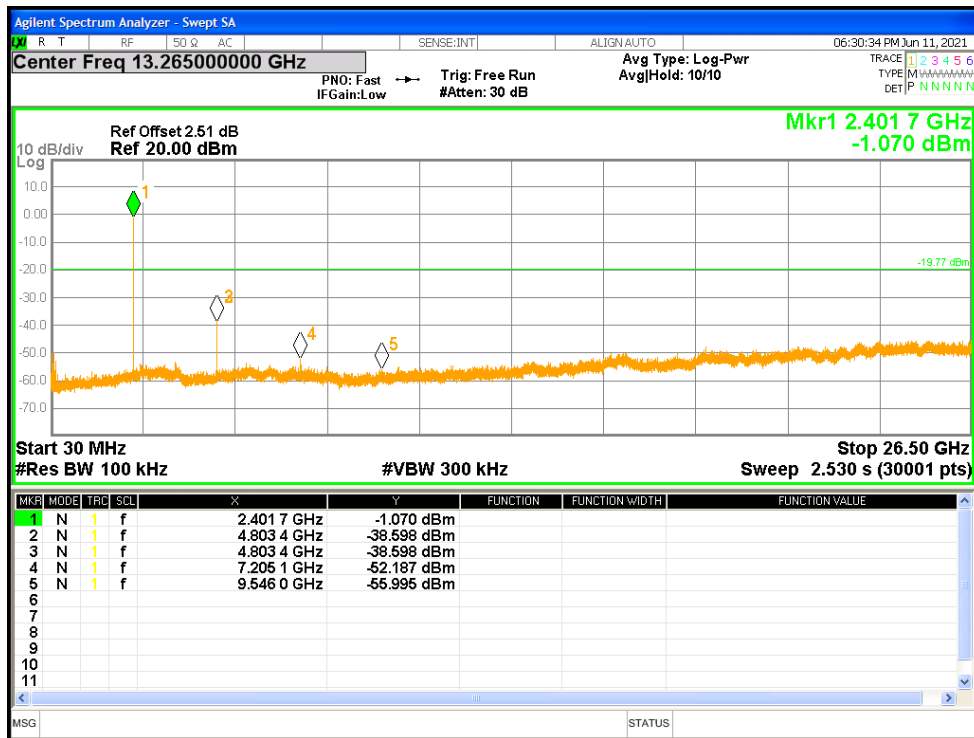
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



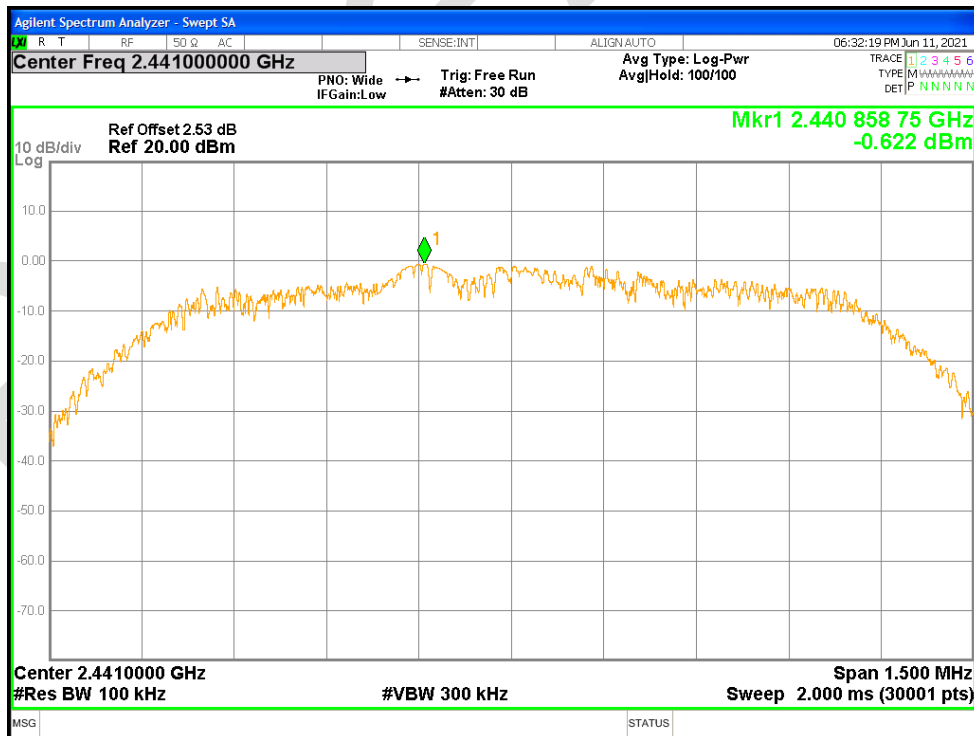
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



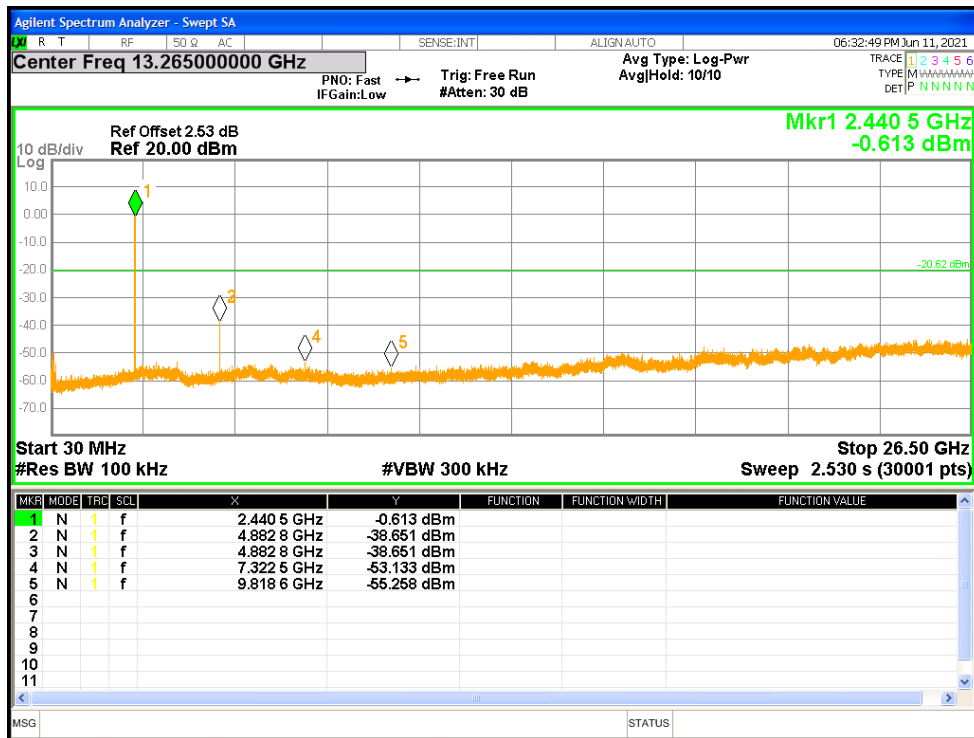
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



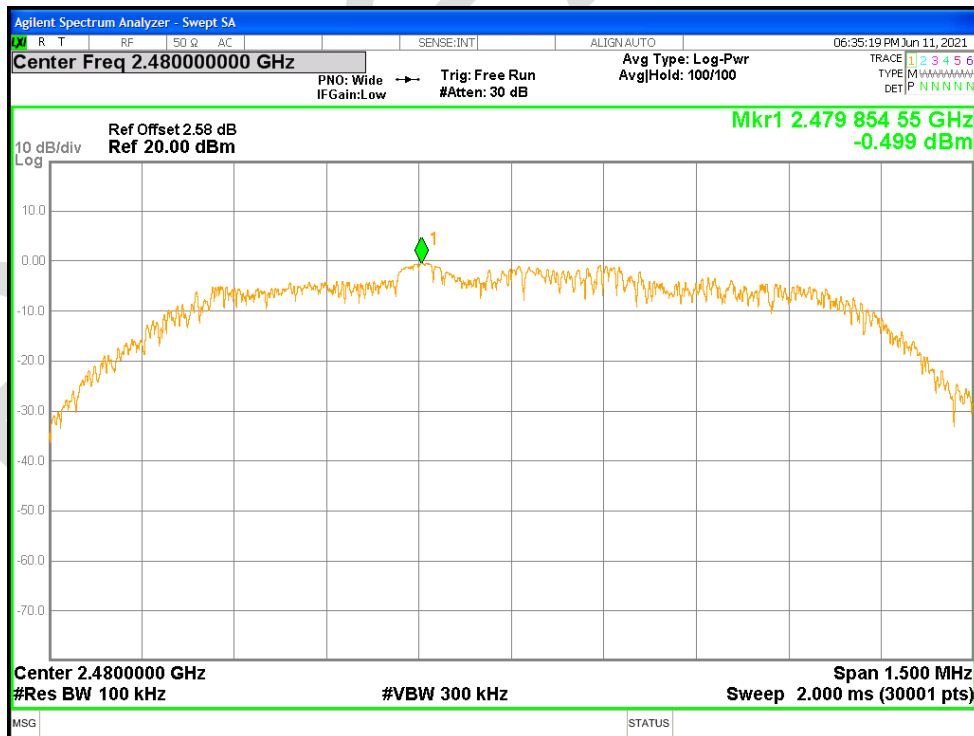
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



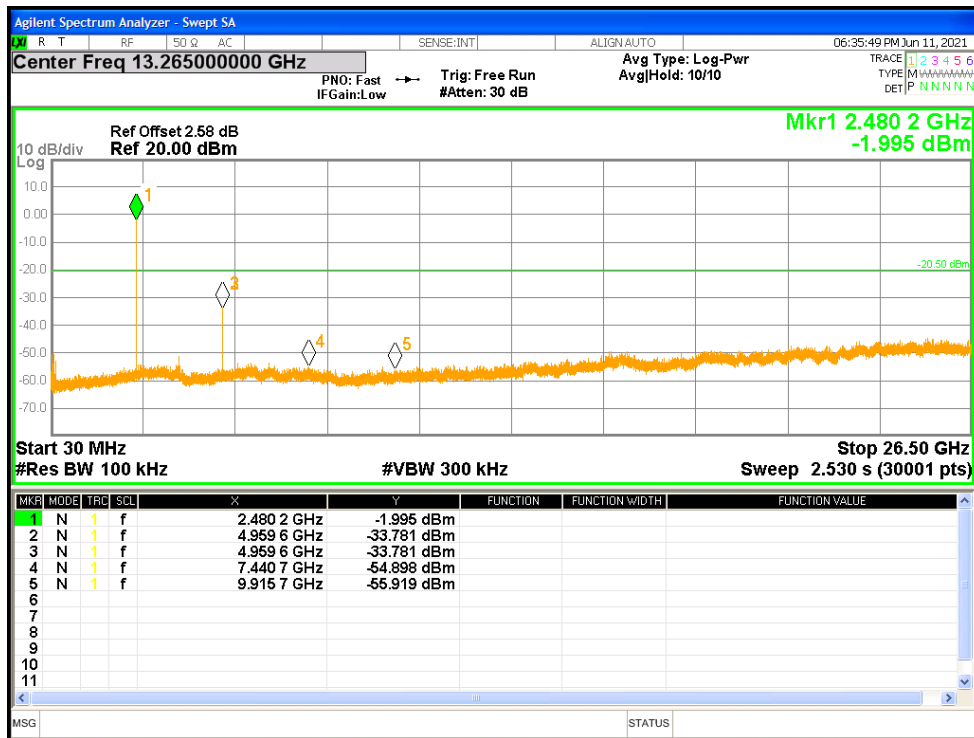
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



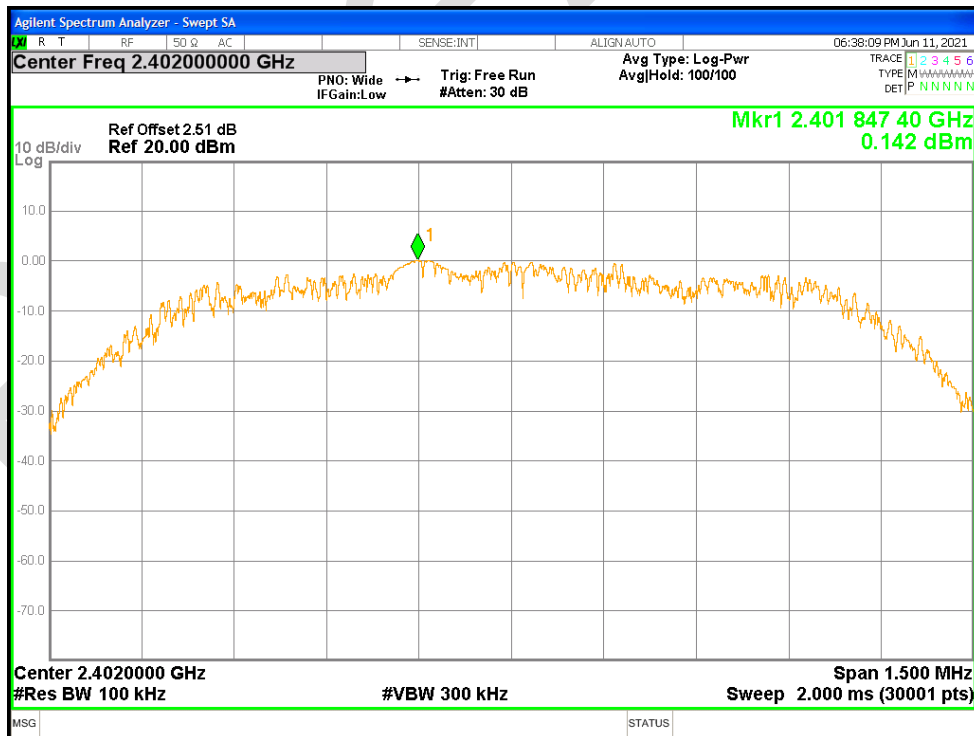
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



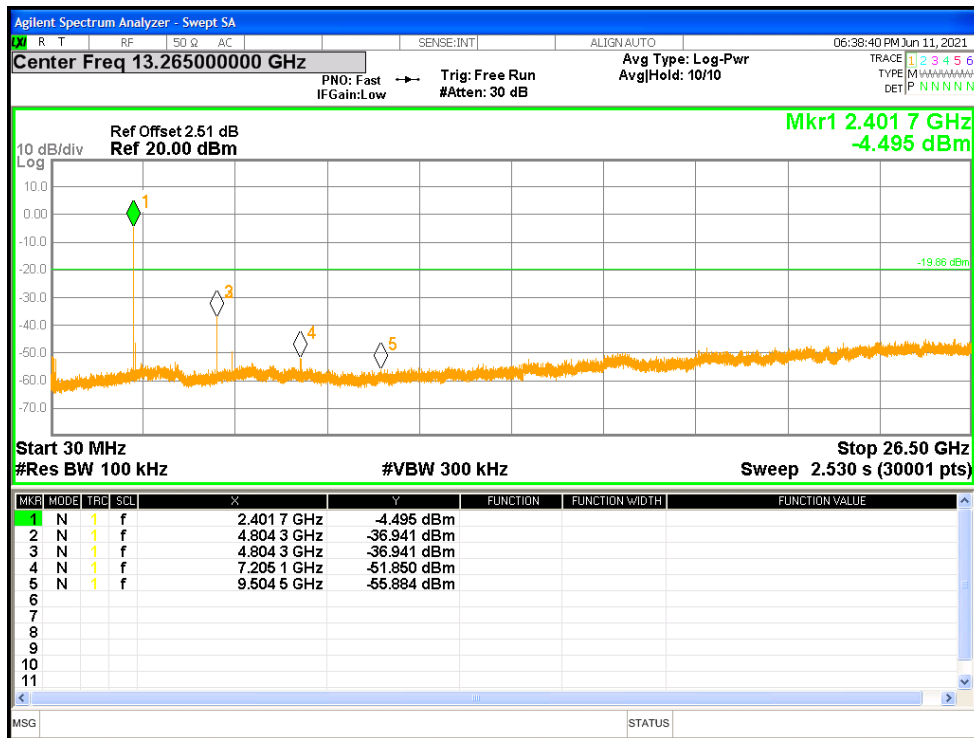
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



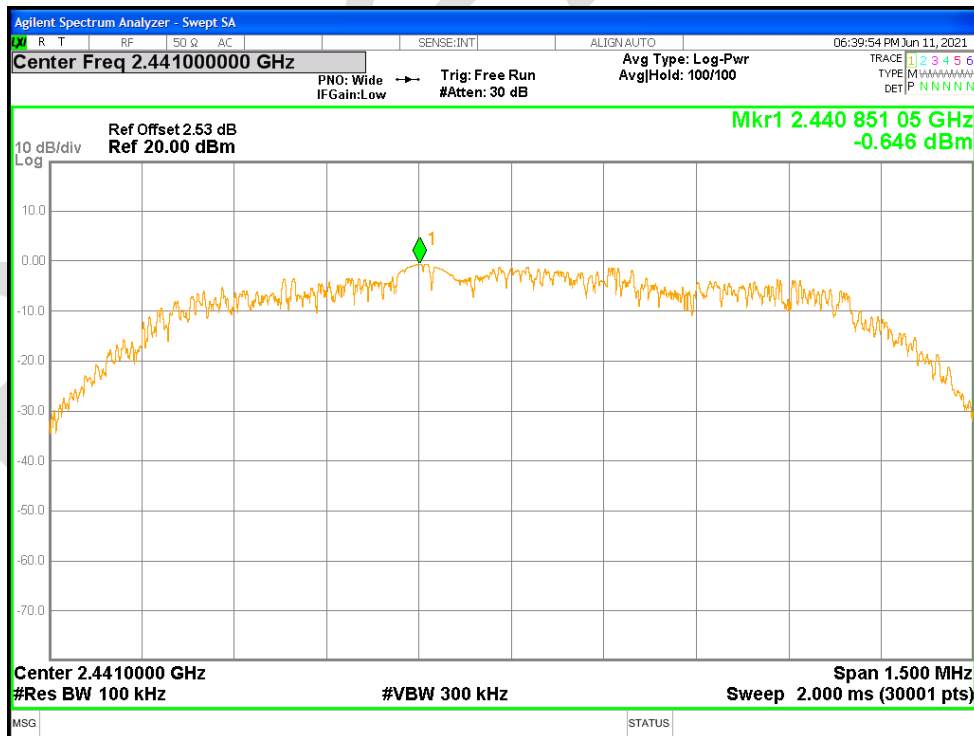
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref



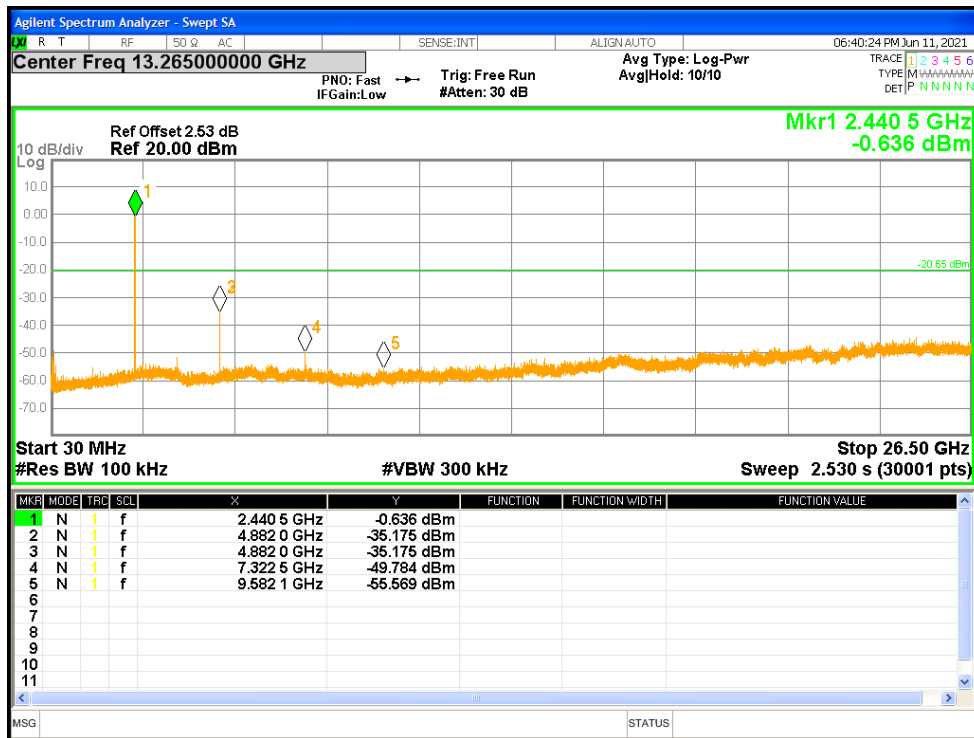
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission



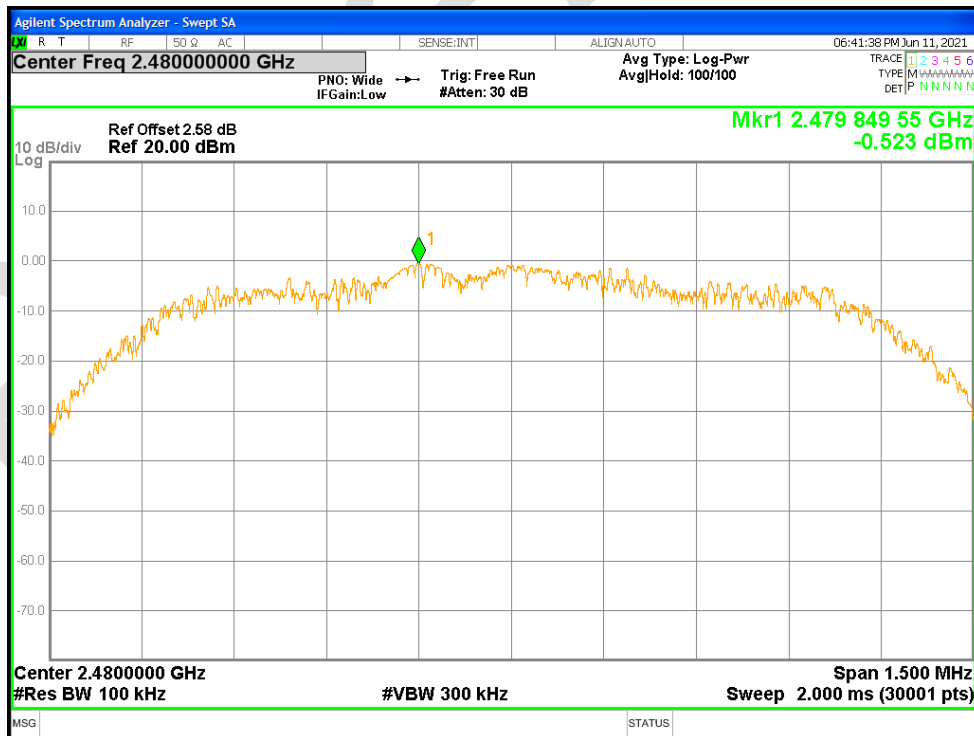
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



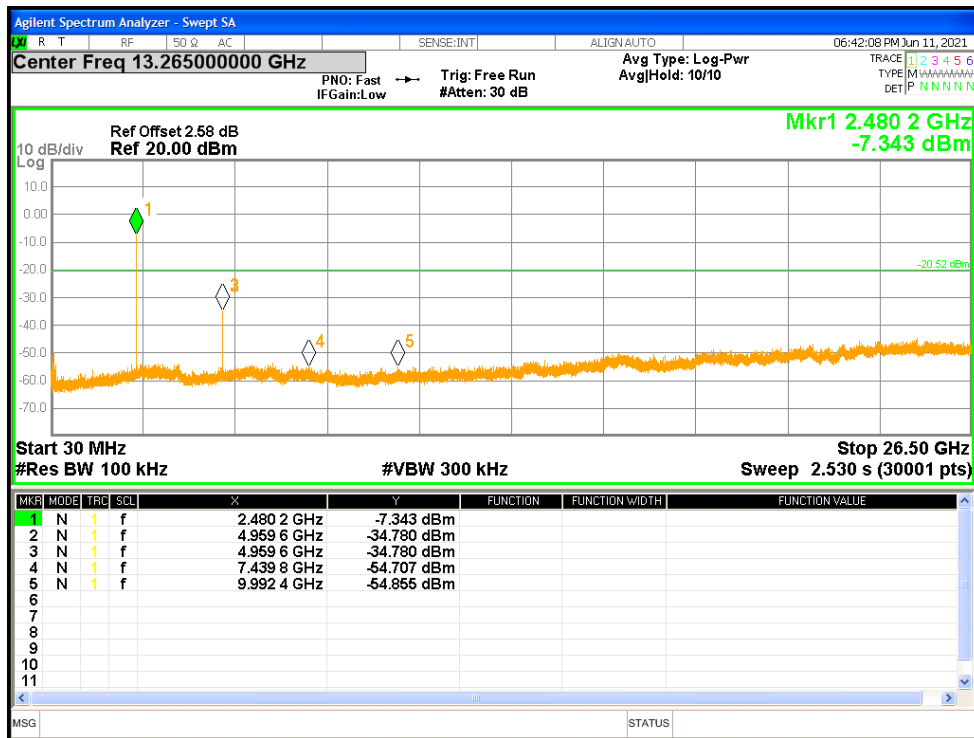
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



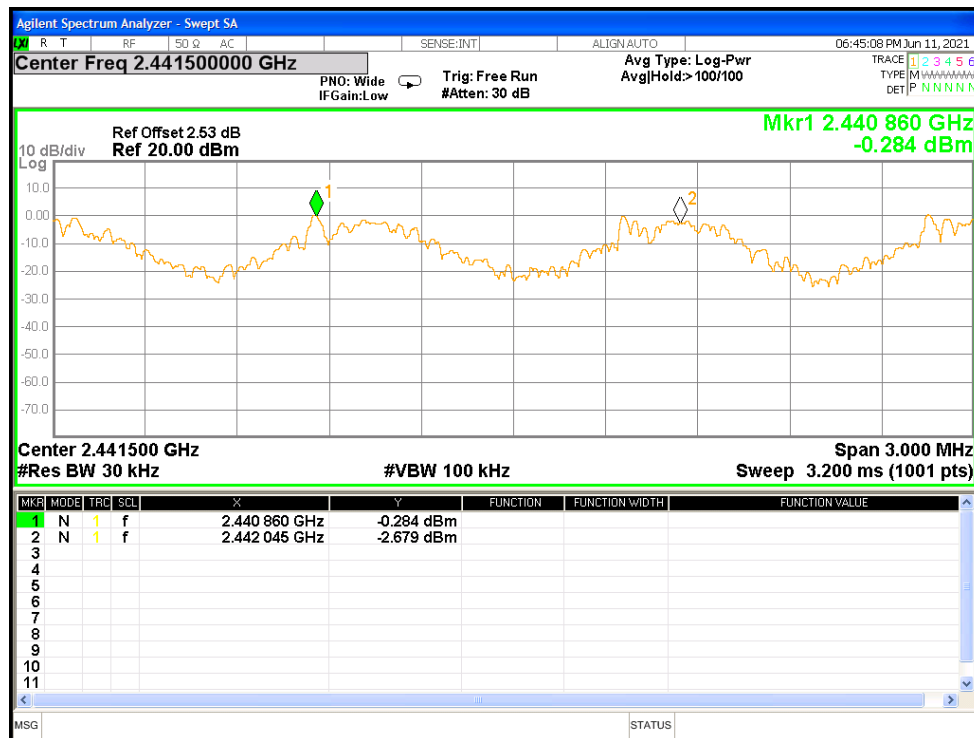
Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission



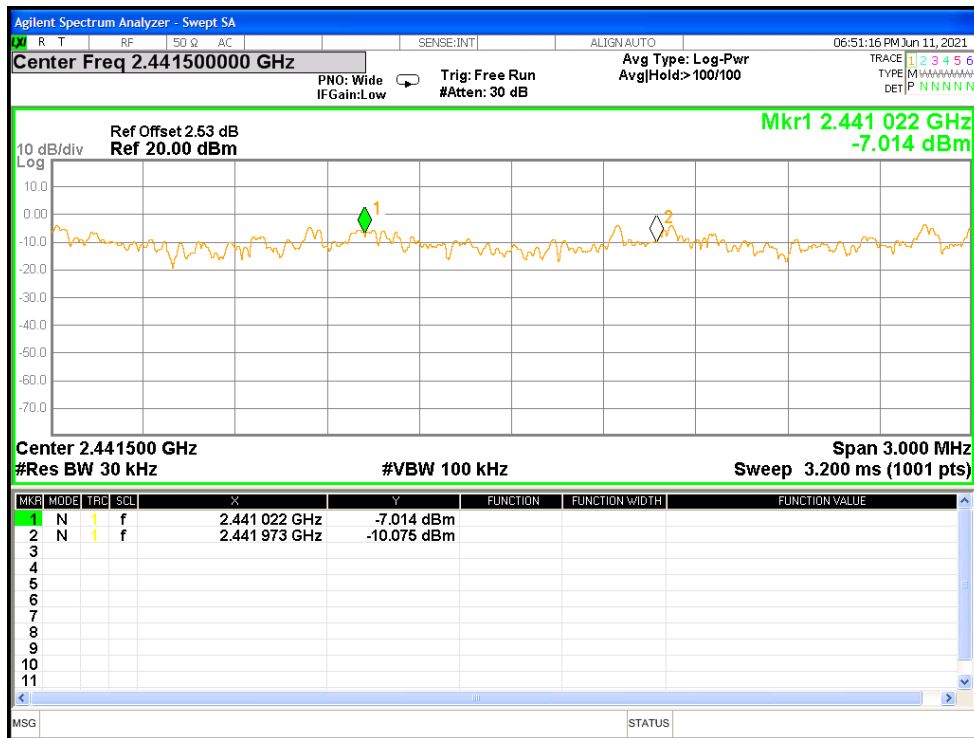
12.7 Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2440.8595	2442.0445	1.185	0.93	Pass
NVNT	2-DH1	Ant1	2441.0215	2441.9725	0.951	0.847	Pass
NVNT	3-DH1	Ant1	2441.026	2442.1495	1.1235	0.843	Pass

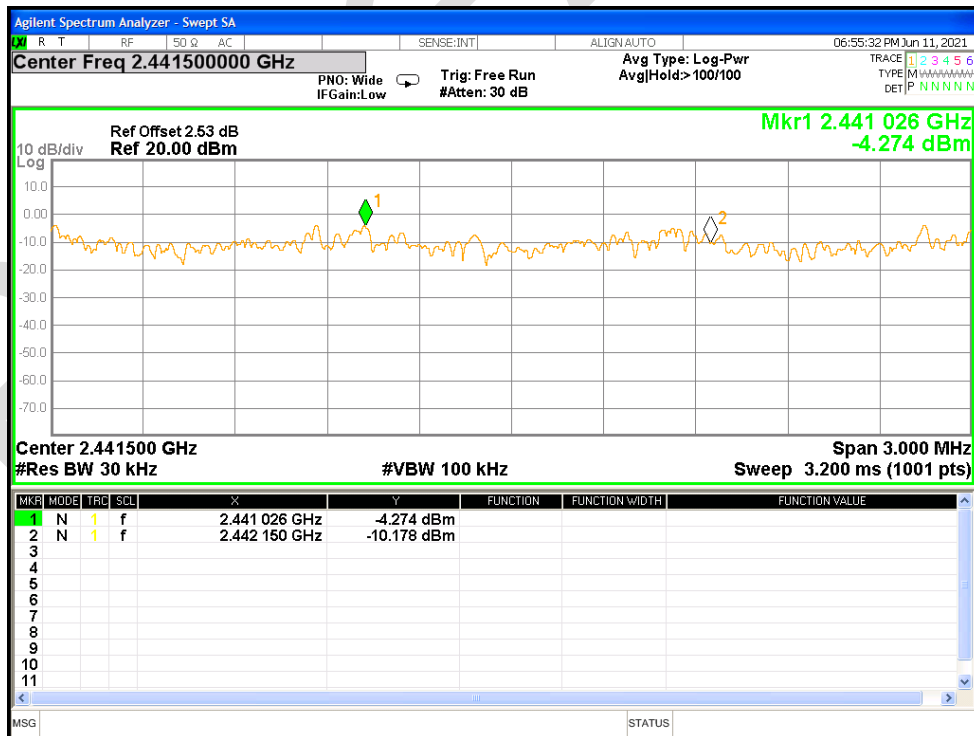
CFS NVNT 1-DH1 2441MHz Ant1



CFS NVNT 2-DH1 2441MHz Ant1



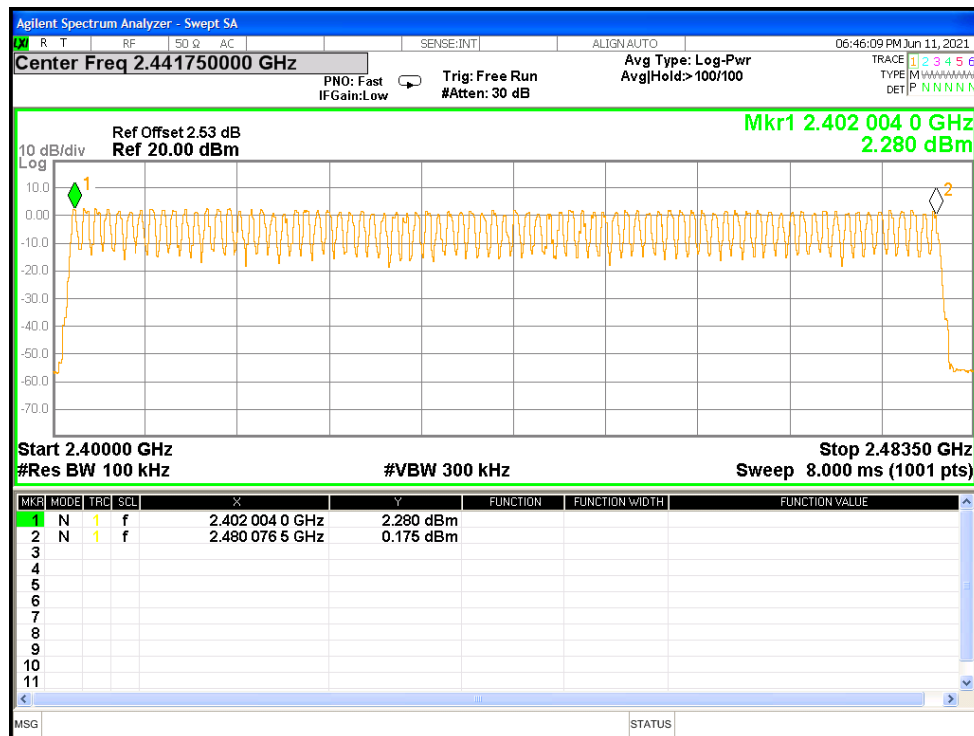
CFS NVNT 3-DH1 2441MHz Ant1



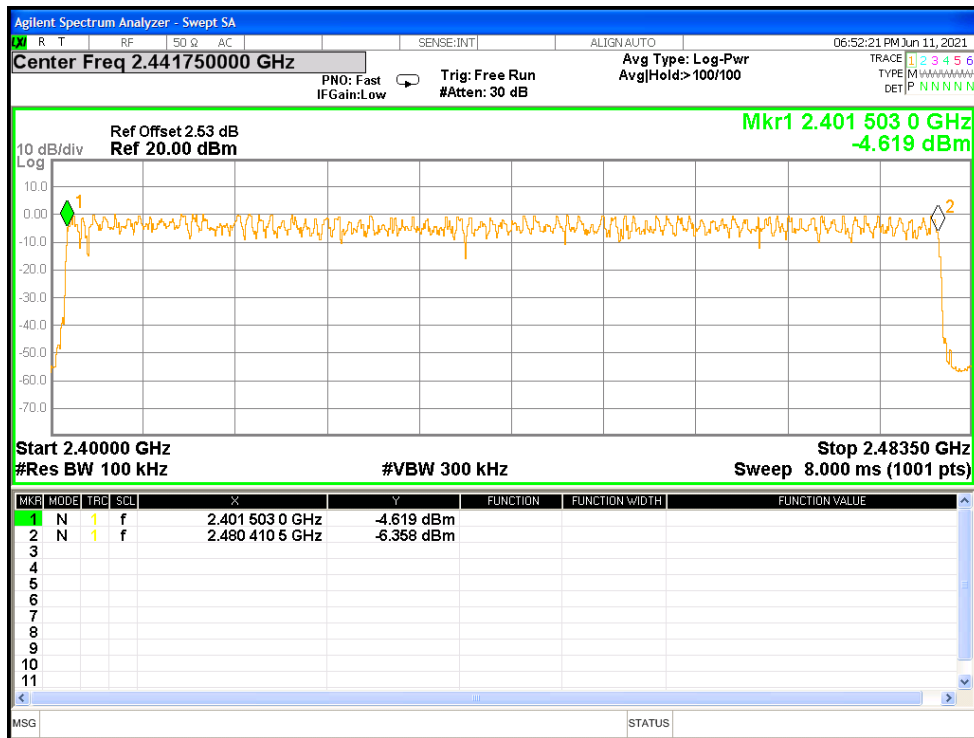
12.8 Number of Hopping Channel

Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass
NVNT	3-DH1	Ant1	79	15	Pass

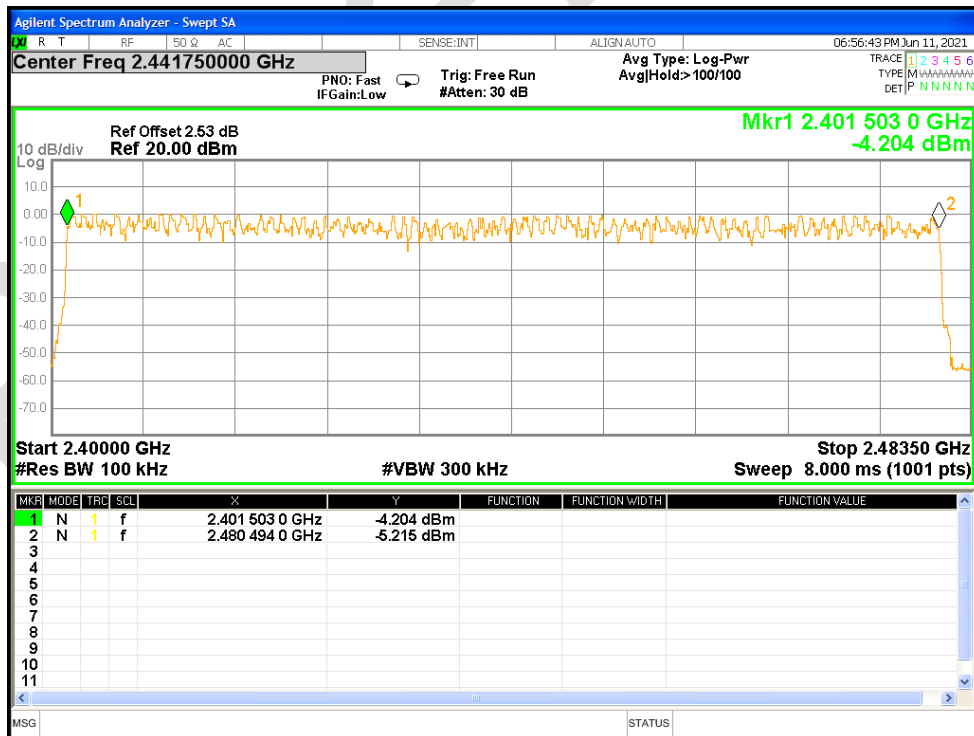
Hopping No. NVNT 1-DH1 2441MHz Ant1



Hopping No. NVNT 2-DH1 2441MHz Ant1



Hopping No. NVNT 3-DH1 2441MHz Ant1



12.9 Dwell Time

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.399	127.68	400	Pass
NVNT	1-DH3	2441	Ant1	1.672	267.52	400	Pass
NVNT	1-DH5	2441	Ant1	2.895	308.80	400	Pass

The test period: $T = 0.4 \text{ Second/Channel} \times 79 \text{ Channel} = 31.6 \text{ s}$

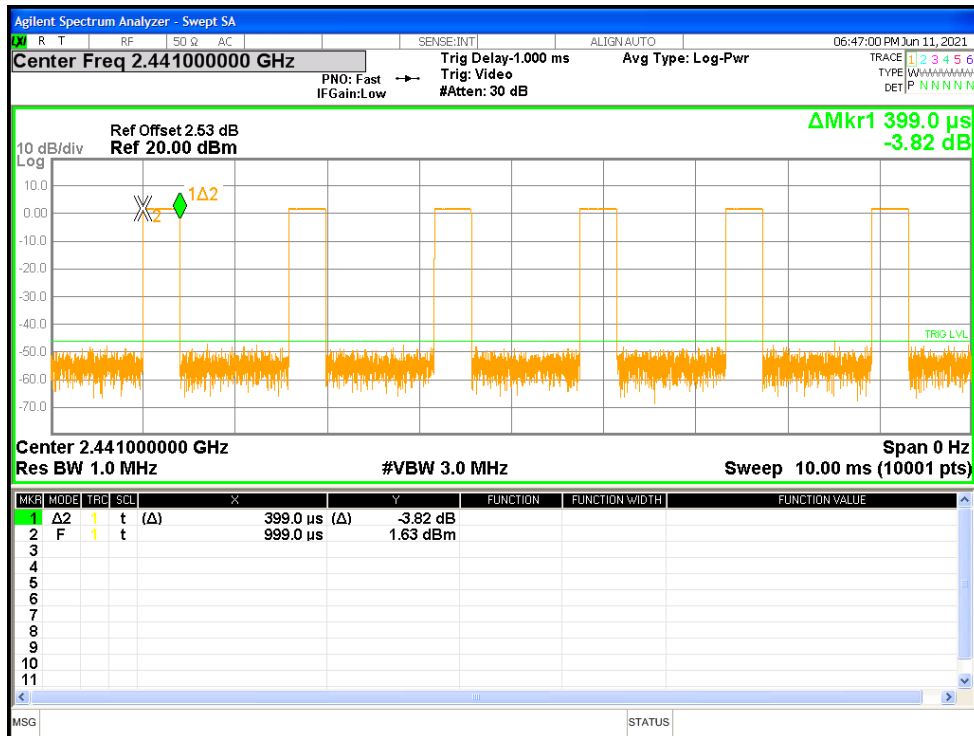
Test channel: 2441MHz as blow

DH1/2-DH1/3-DH1 time slot = $0.399(\text{ms}) \times (1600 / (2 \times 79)) \times 31.6 = 127.68\text{ms}$

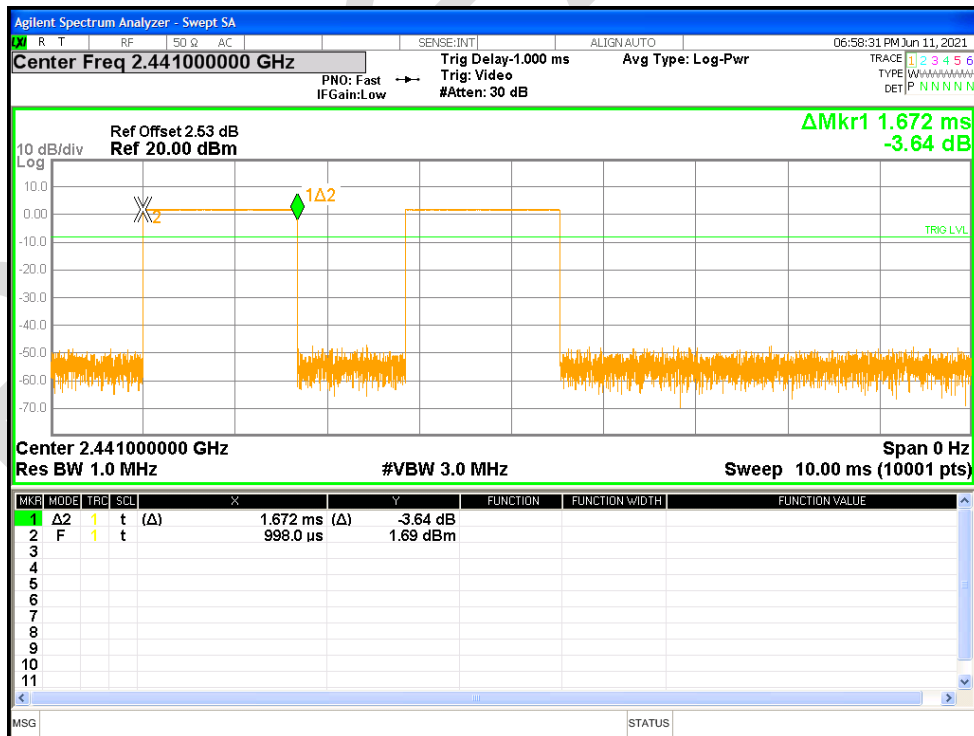
DH3/2-DH3/3-DH3 time slot = $1.672(\text{ms}) \times (1600 / (4 \times 79)) \times 31.6 = 267.52\text{ms}$

DH5/2-DH5/3-DH5 time slot = $2.895(\text{ms}) \times (1600 / (6 \times 79)) \times 31.6 = 308.80\text{ms}$

Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



Dwell NVNT 1-DH5 2441MHz Ant1 One Burst

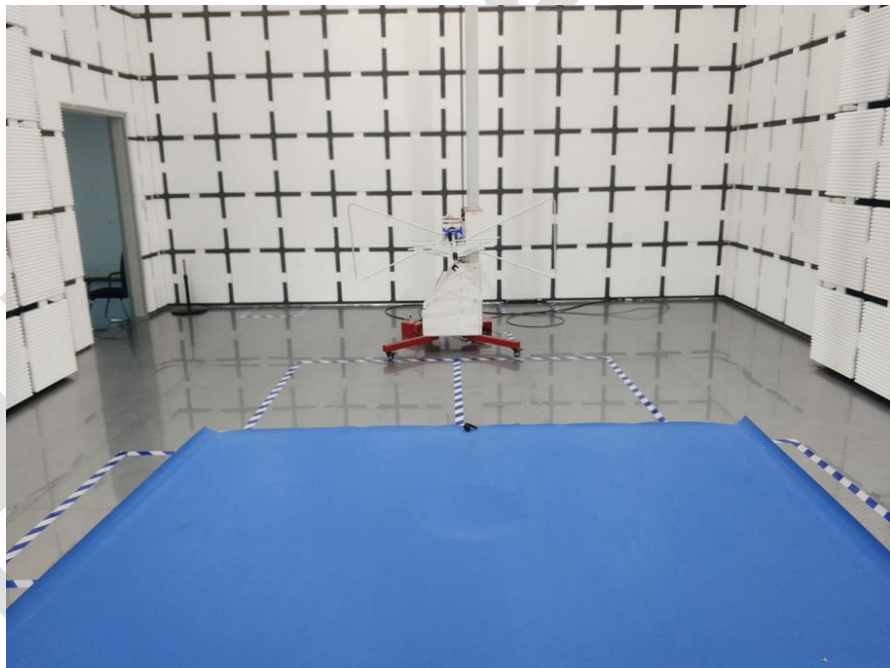


APPENDIX A: PHOTOGRAPHS OF TEST SETUP

Conducted Emissions at AC Power Line (150kHz-30MHz)



Radiated Spurious Emissions



APPENDIX B: PHOTOGRAPHS OF EUT

(Reference to the report NO.BLA-EMC-202106-A0501)

----END OF REPORT----

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