Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Wireless Live Streaming Camera

Test Model: LC10

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Eason Zhou
Supervised by:	Nick Peng

A.1 -20dB Bandwidth

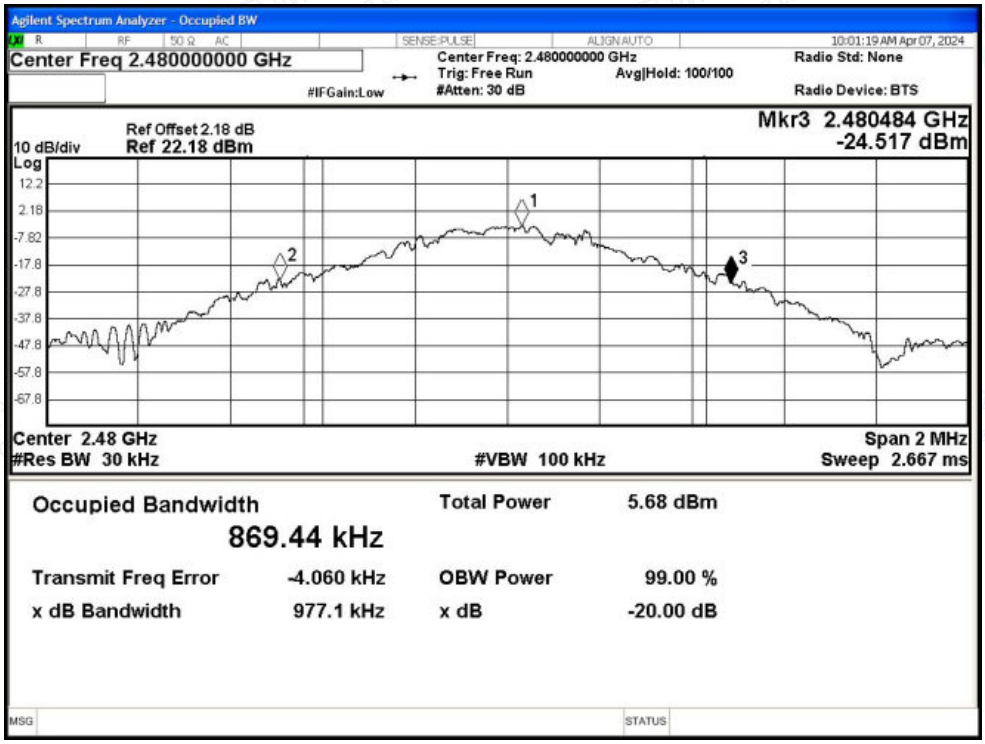
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant2	0.955	N/A	Pass
NVNT	1-DH5	2441	Ant2	1.013	N/A	Pass
NVNT	1-DH5	2480	Ant2	0.977	N/A	Pass
NVNT	2-DH5	2402	Ant2	1.282	N/A	Pass
NVNT	2-DH5	2441	Ant2	1.283	N/A	Pass
NVNT	2-DH5	2480	Ant2	1.307	N/A	Pass
NVNT	3-DH5	2402	Ant2	1.319	N/A	Pass
NVNT	3-DH5	2441	Ant2	1.294	N/A	Pass
NVNT	3-DH5	2480	Ant2	1.315	N/A	Pass

Test Graphs

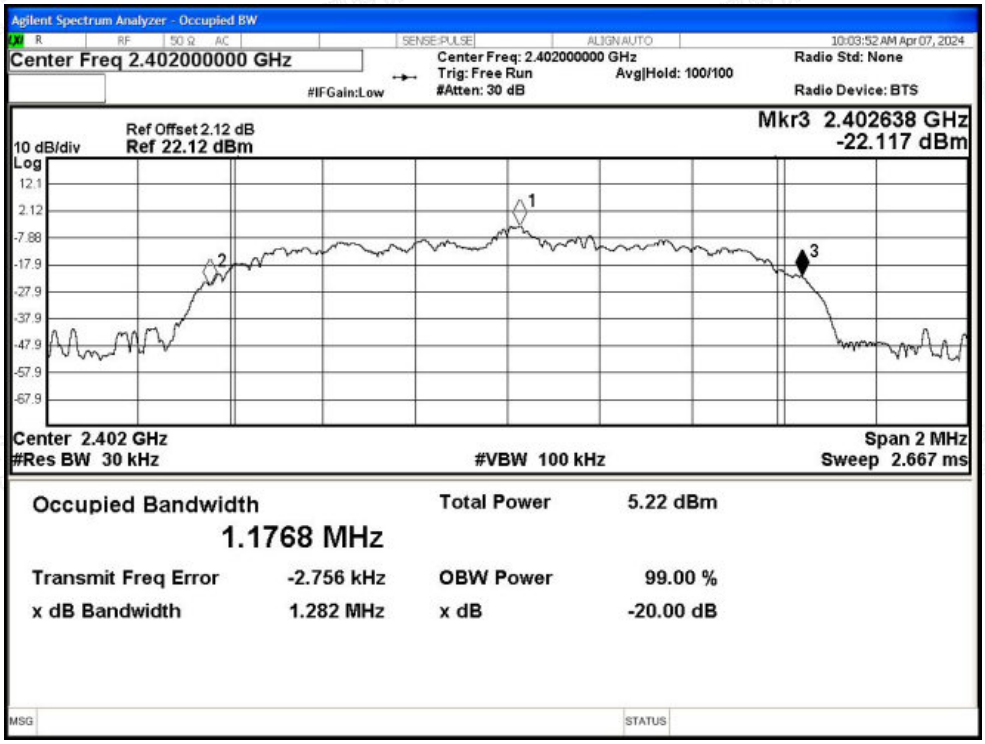
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant2

-20dB Bandwidth NVNT 1-DH5 2441MHz Ant2

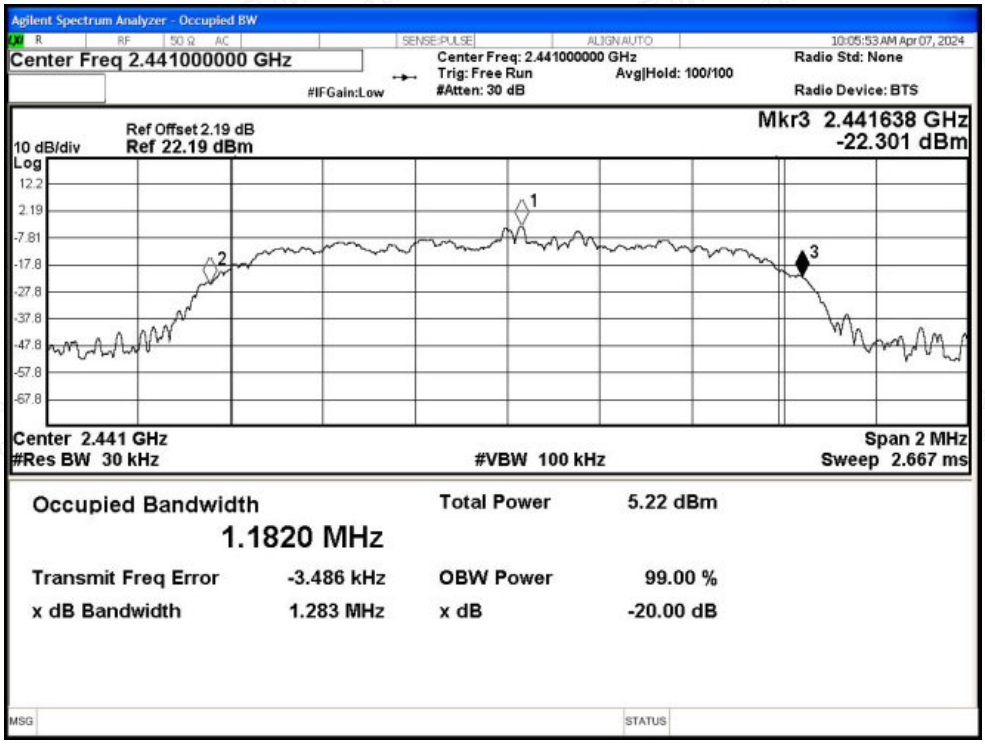
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant2



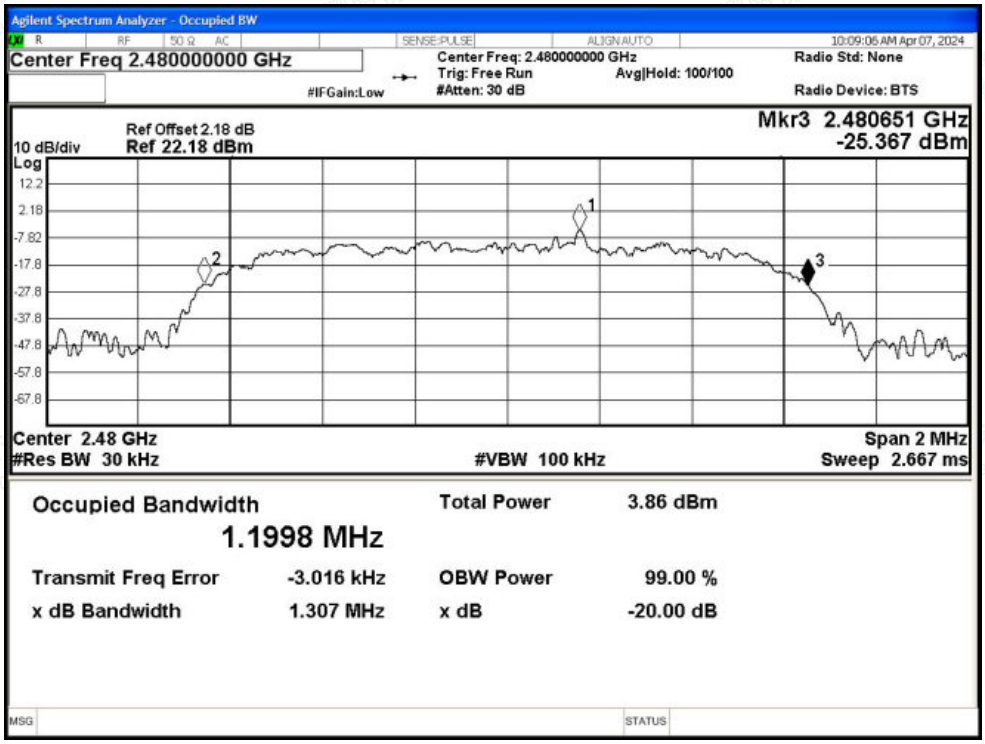
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant2



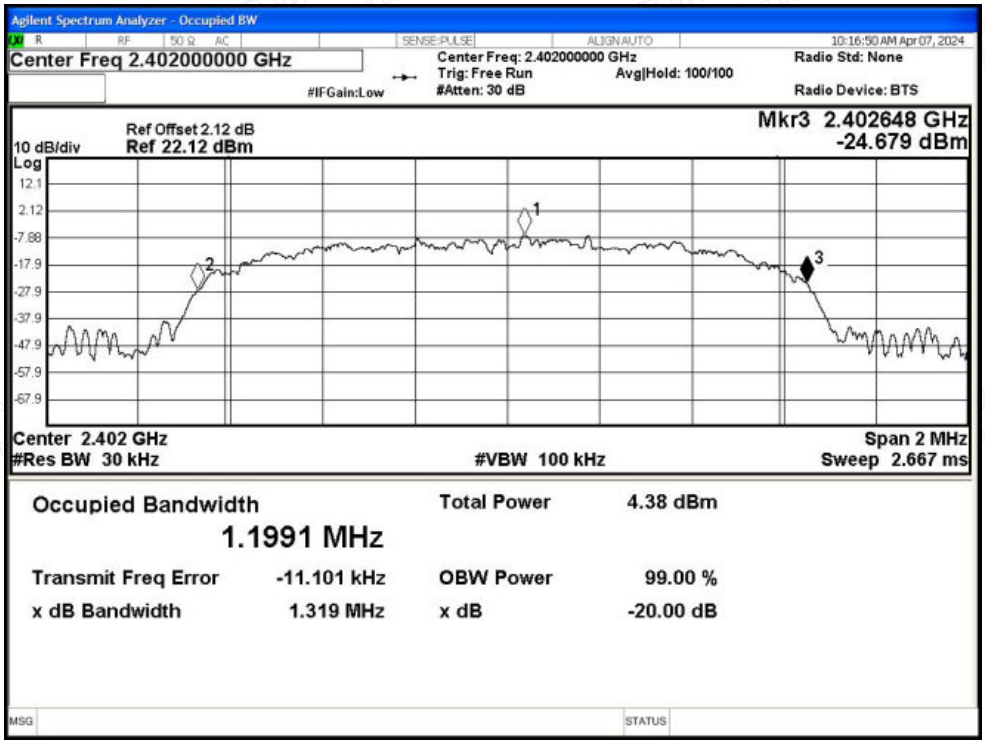
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant2



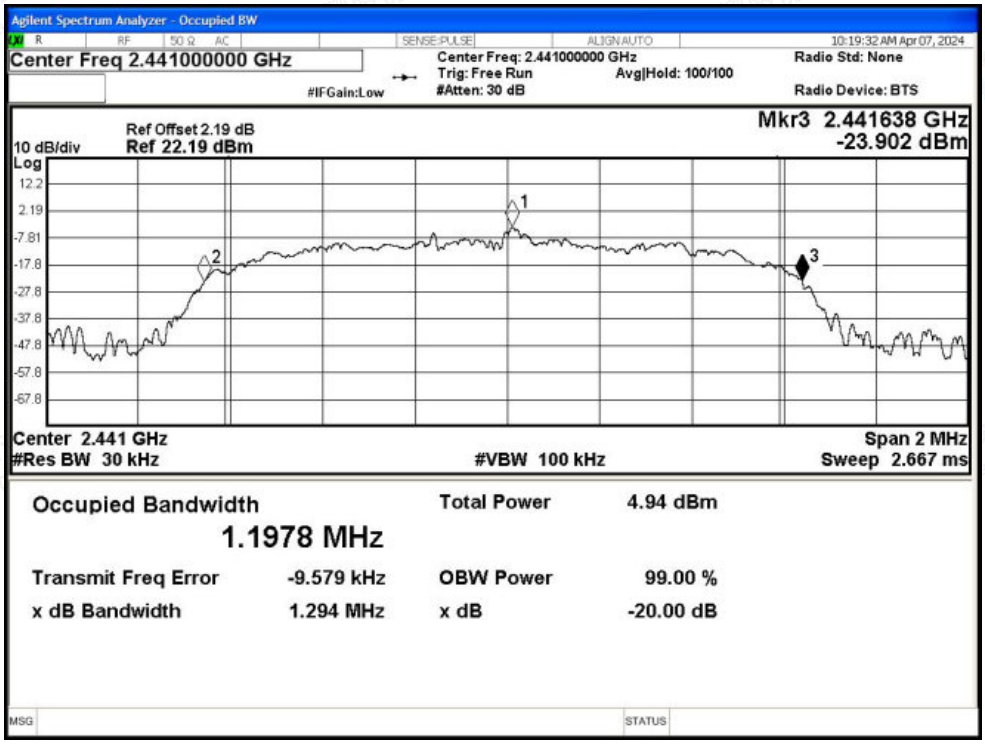
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant2



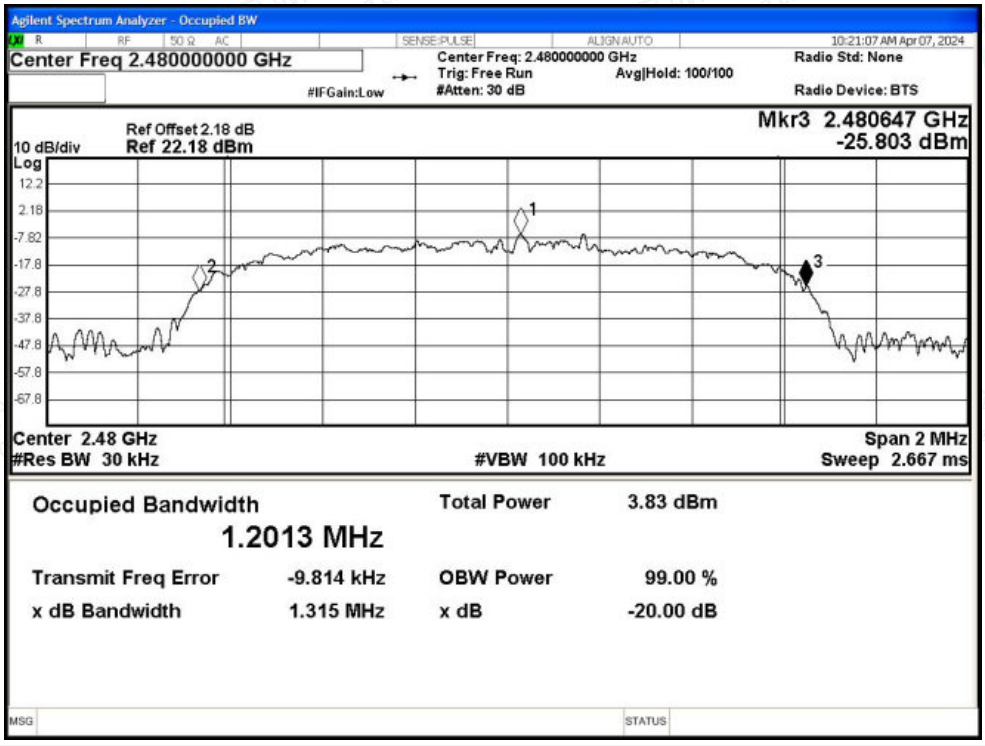
-20dB Bandwidth NVNT 3-DH5 2402MHz Ant2



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant2



-20dB Bandwidth NVNT 3-DH5 2480MHz Ant2

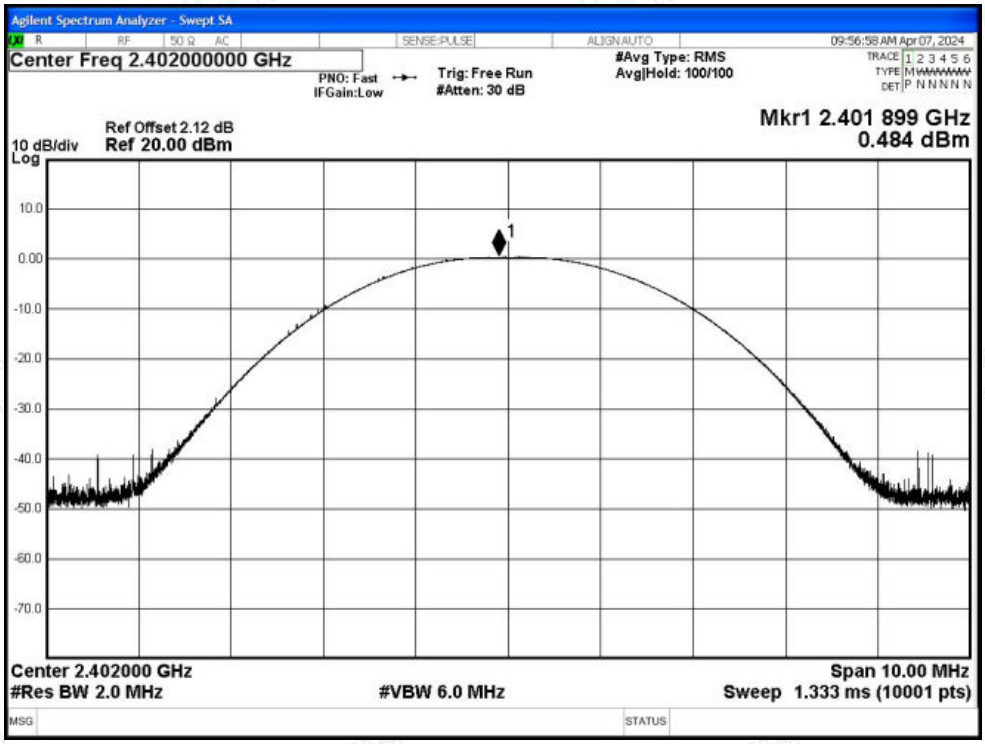


A.2 Maximum Peak Conducted Output Power

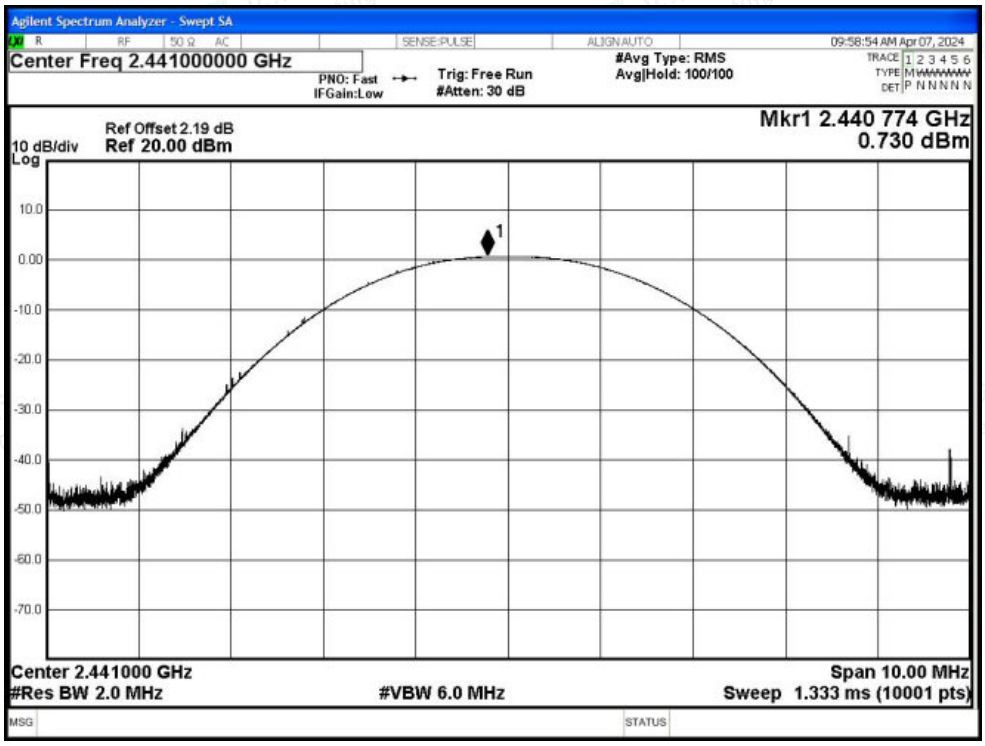
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant2	0.48	21	Pass
NVNT	1-DH5	2441	Ant2	0.73	21	Pass
NVNT	1-DH5	2480	Ant2	-0.63	21	Pass
NVNT	2-DH5	2402	Ant2	0.59	21	Pass
NVNT	2-DH5	2441	Ant2	0.74	21	Pass
NVNT	2-DH5	2480	Ant2	-0.08	21	Pass
NVNT	3-DH5	2402	Ant2	0.73	21	Pass
NVNT	3-DH5	2441	Ant2	0.88	21	Pass
NVNT	3-DH5	2480	Ant2	0.19	21	Pass

Test Graphs

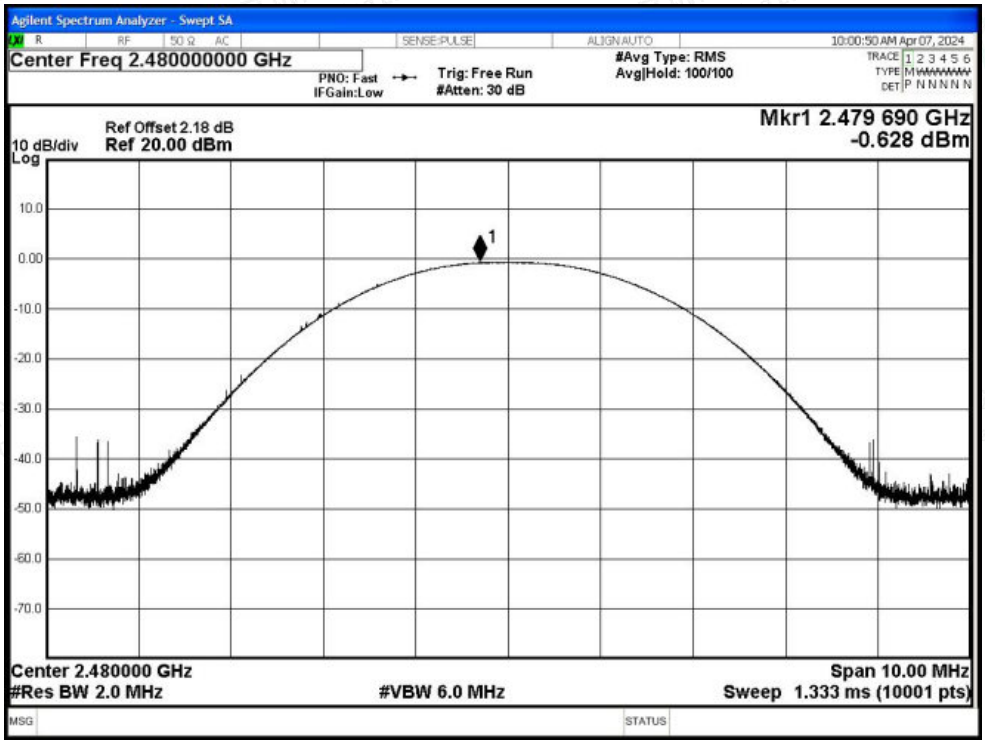
Power NVNT 1-DH5 2402MHz Ant2



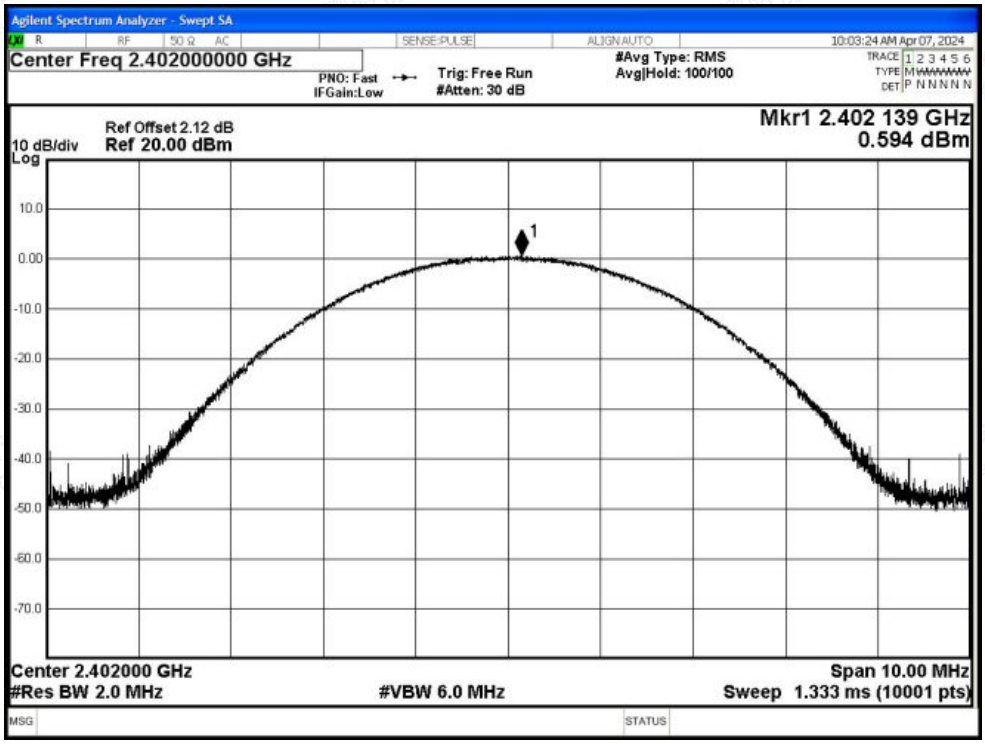
Power NVNT 1-DH5 2441MHz Ant2



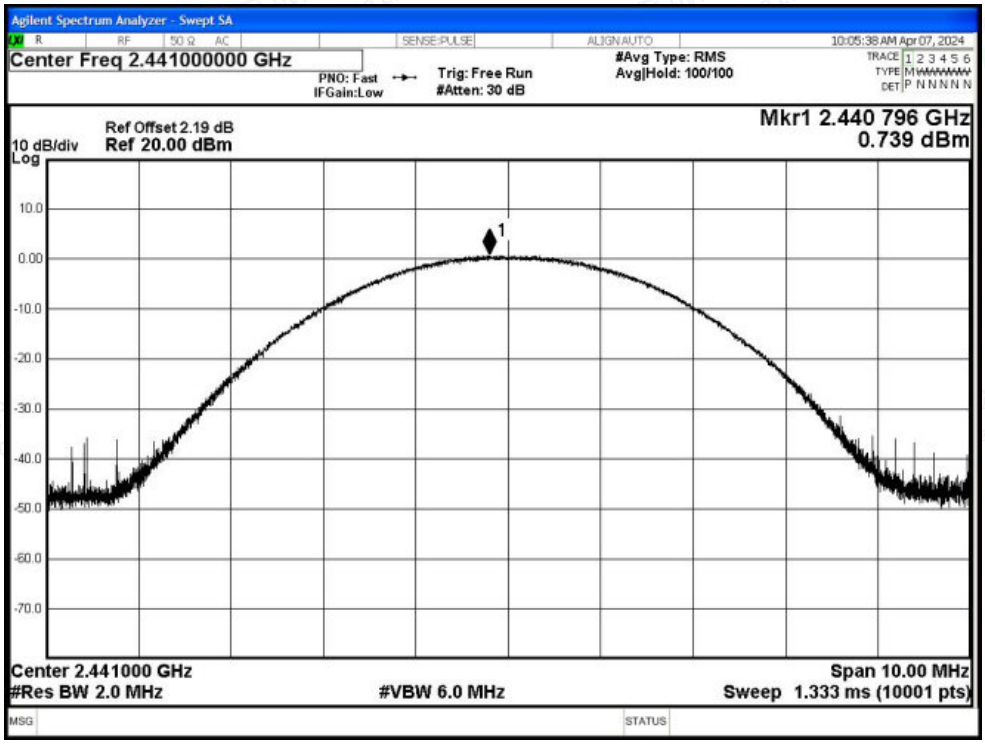
Power NVNT 1-DH5 2480MHz Ant2



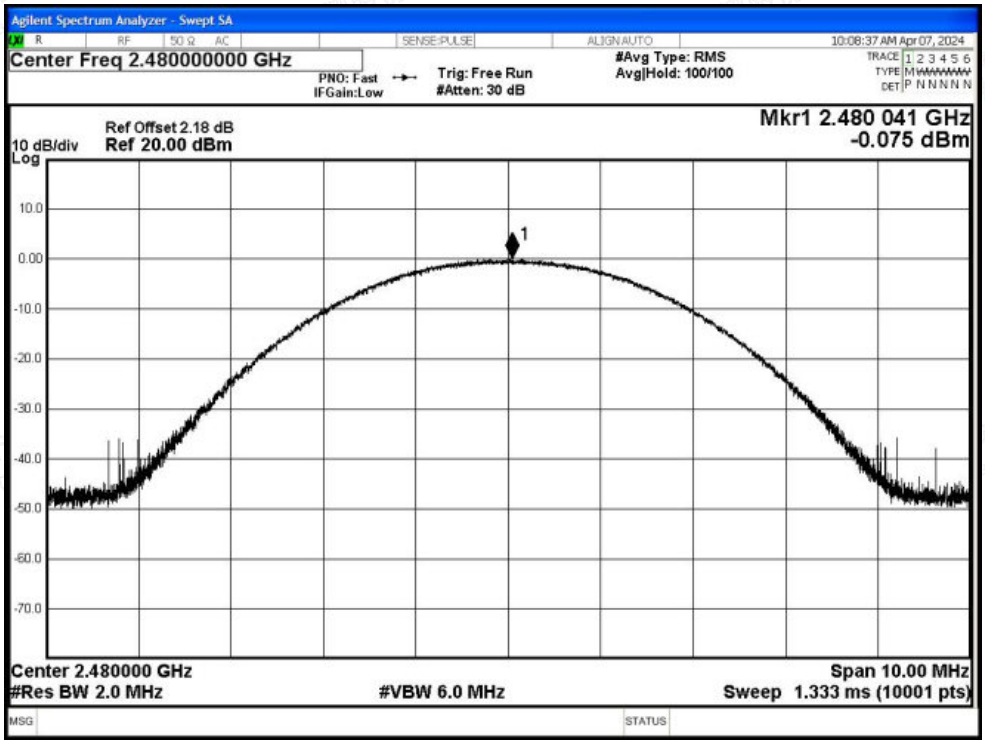
Power NVNT 2-DH5 2402MHz Ant2



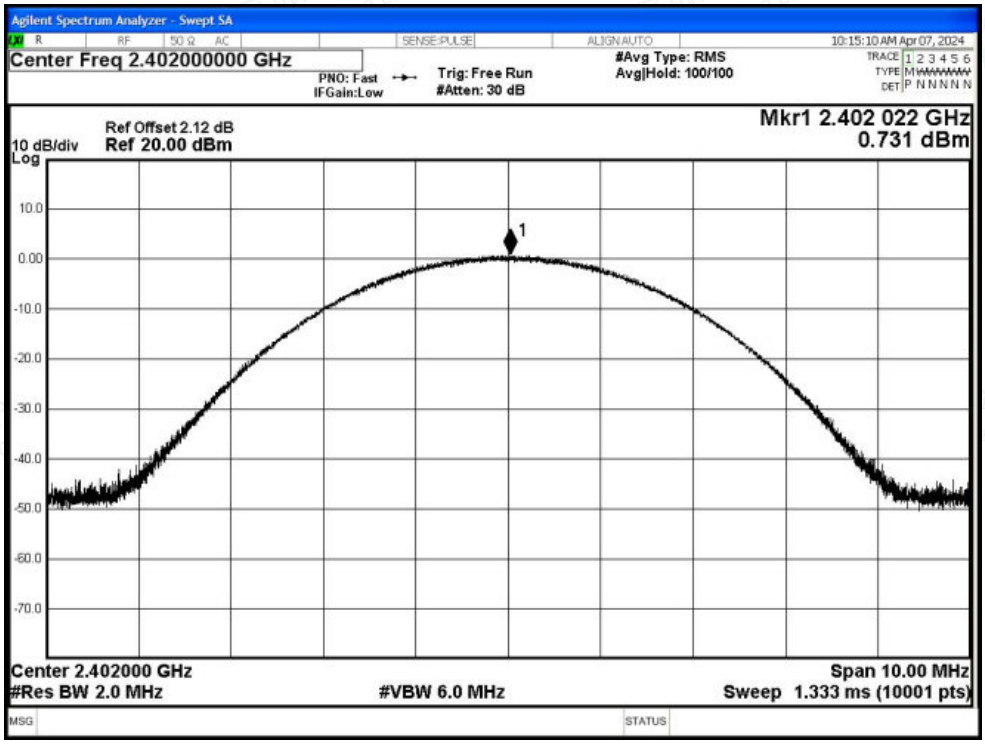
Power NVNT 2-DH5 2441MHz Ant2



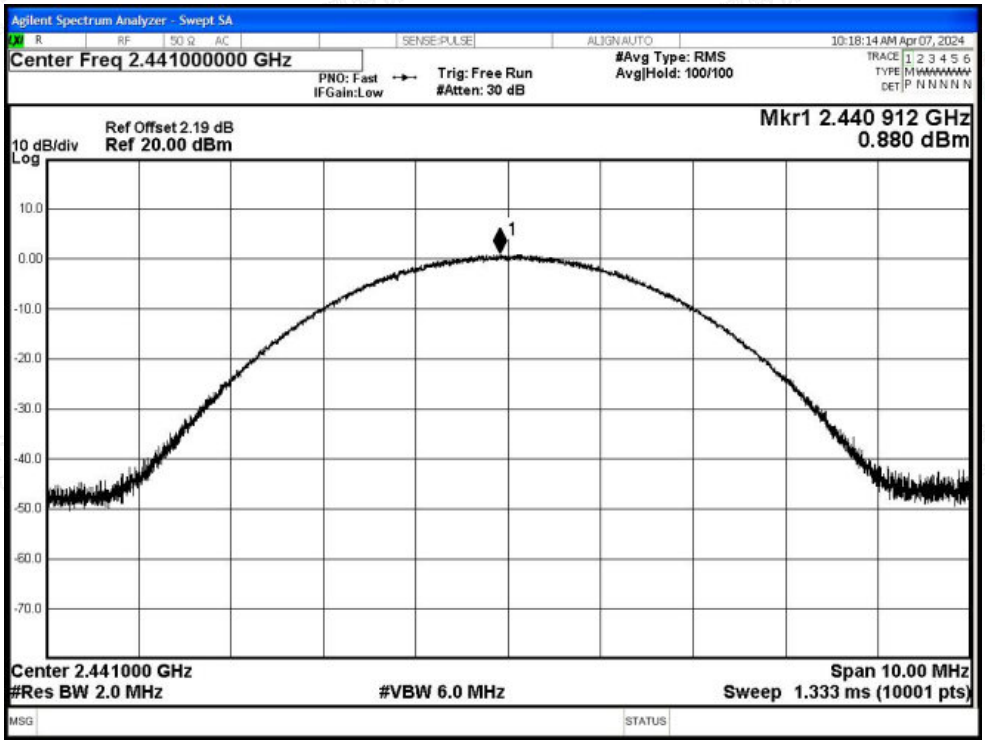
Power NVNT 2-DH5 2480MHz Ant2



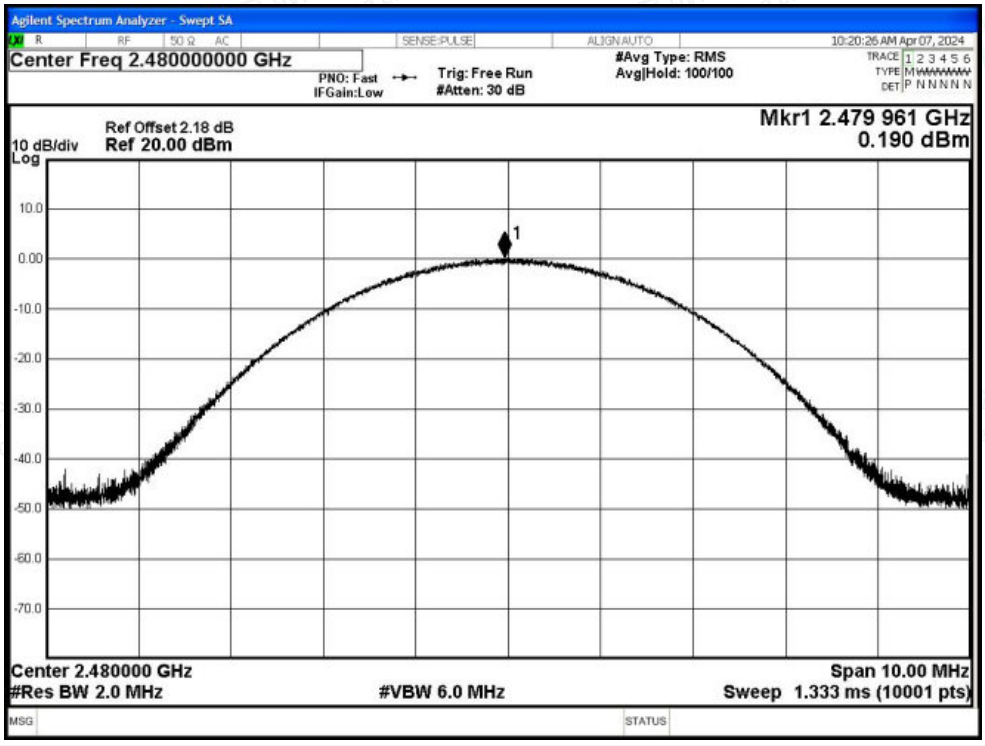
Power NVNT 3-DH5 2402MHz Ant2



Power NVNT 3-DH5 2441MHz Ant2



Power NVNT 3-DH5 2480MHz Ant2



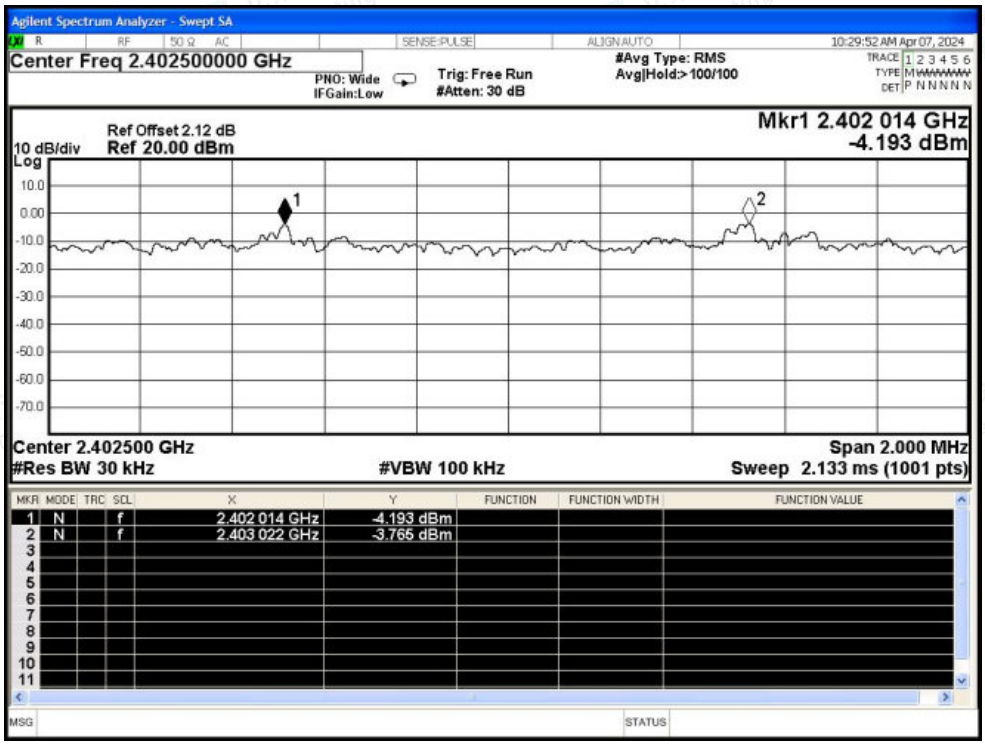
A.3 Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant2	2401.826	2403.01	1.184	0.675	Pass
NVNT	2-DH5	Ant2	2402.014	2403.022	1.008	0.871	Pass
NVNT	3-DH5	Ant2	2402.016	2403.166	1.15	0.879	Pass

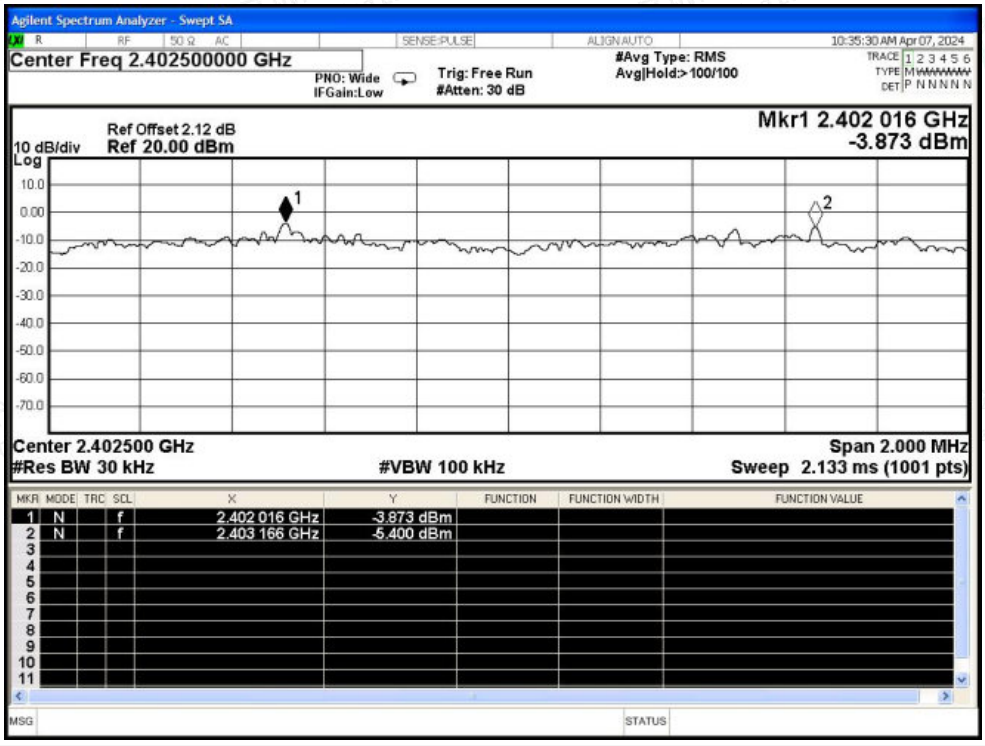
Test Graphs

CFS NVNT 1-DH5 2402MHz Ant2

CFS NVNT 2-DH5 2402MHz Ant2



CFS NVNT 3-DH5 2402MHz Ant2

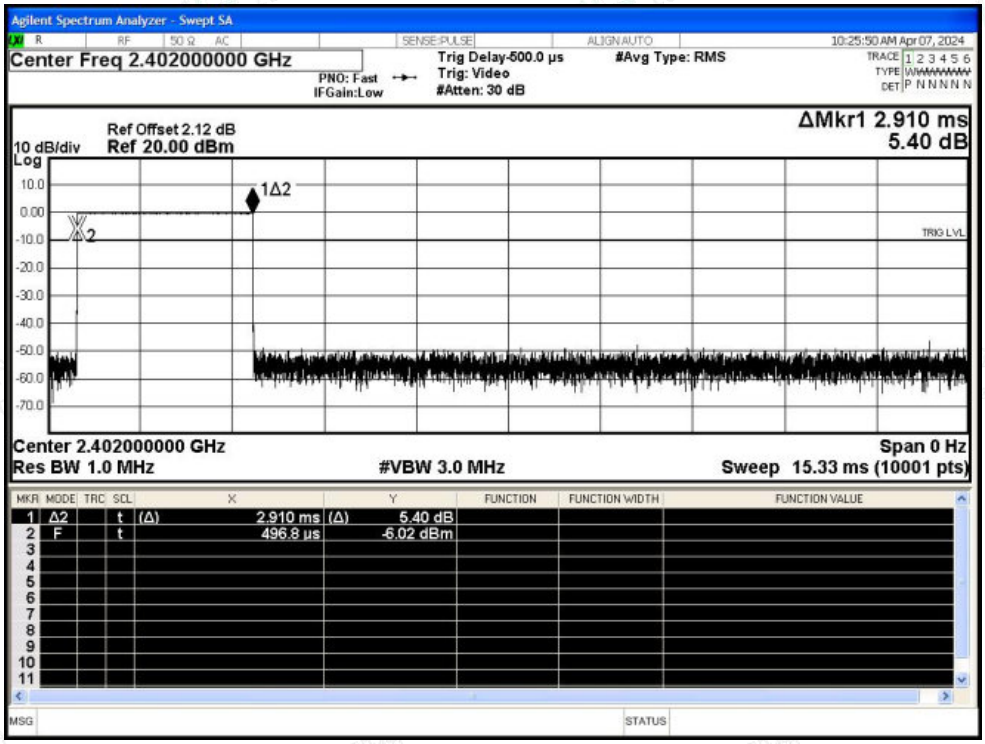


A.4 Dwell Time

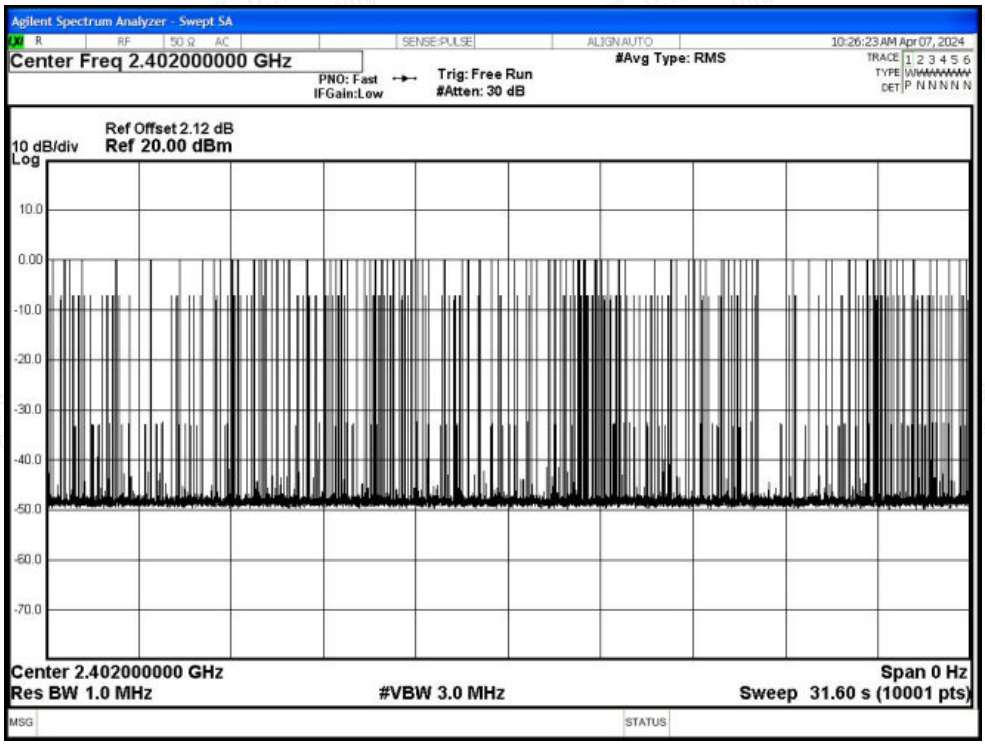
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant2	2.91	334.65	115	31600	400	Pass
NVNT	2-DH5	2402	Ant2	2.899	353.678	122	31600	400	Pass
NVNT	3-DH5	2402	Ant2	2.897	312.876	108	31600	400	Pass

Test Graphs

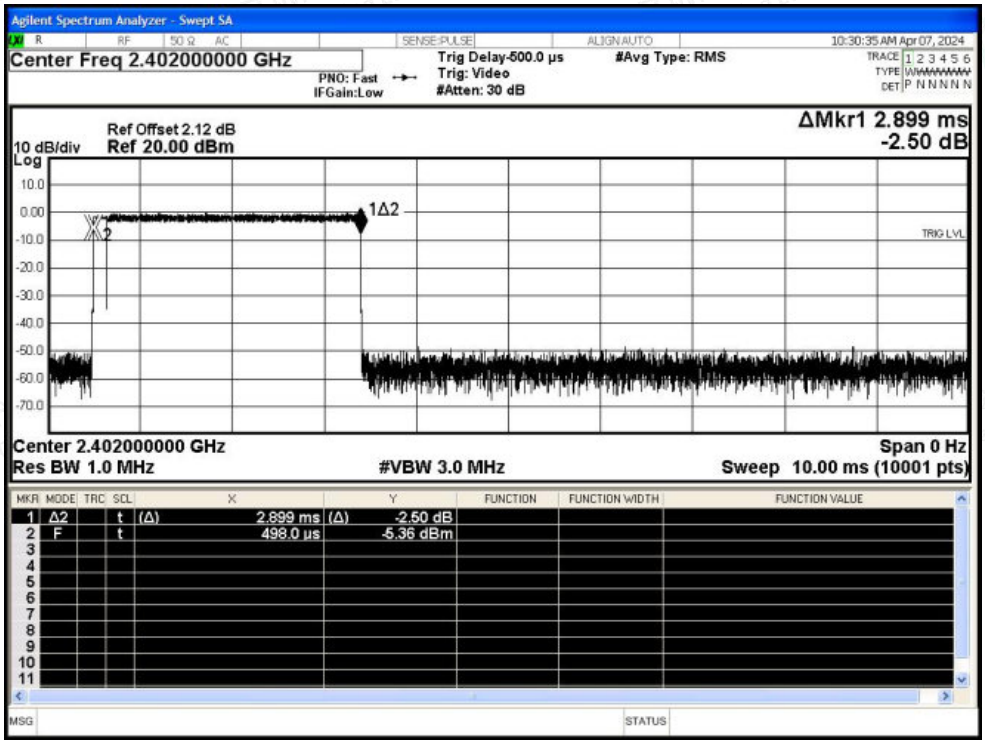
Dwell NVNT 1-DH5 2402MHz Ant2 One Burst



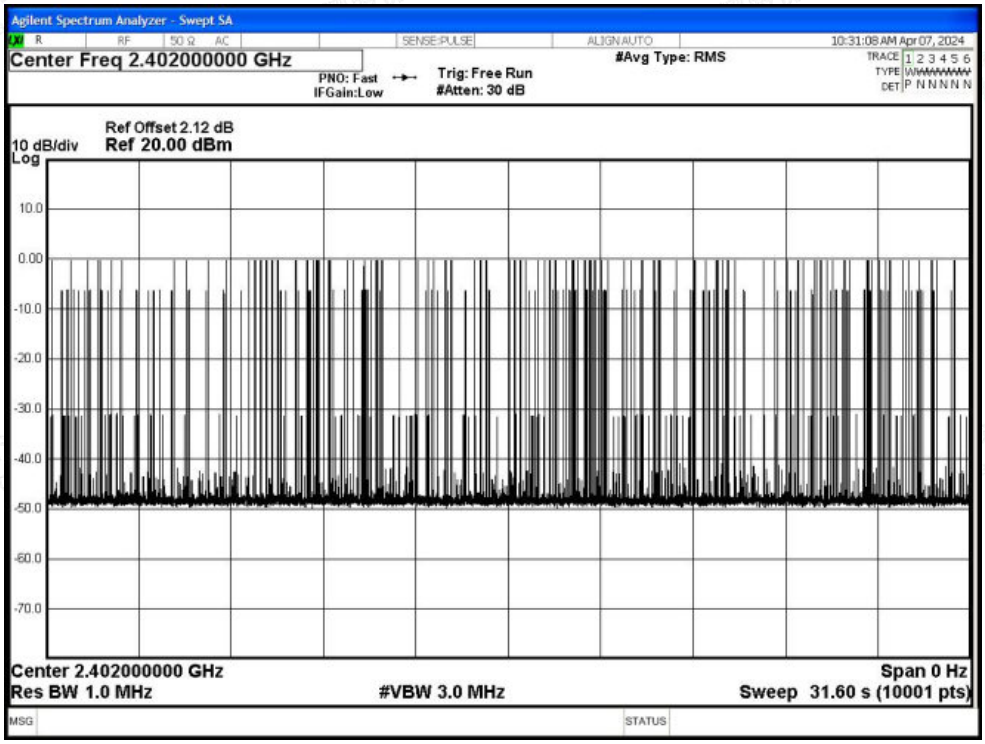
Dwell NVNT 1-DH5 2402MHz Ant2 Accumulated



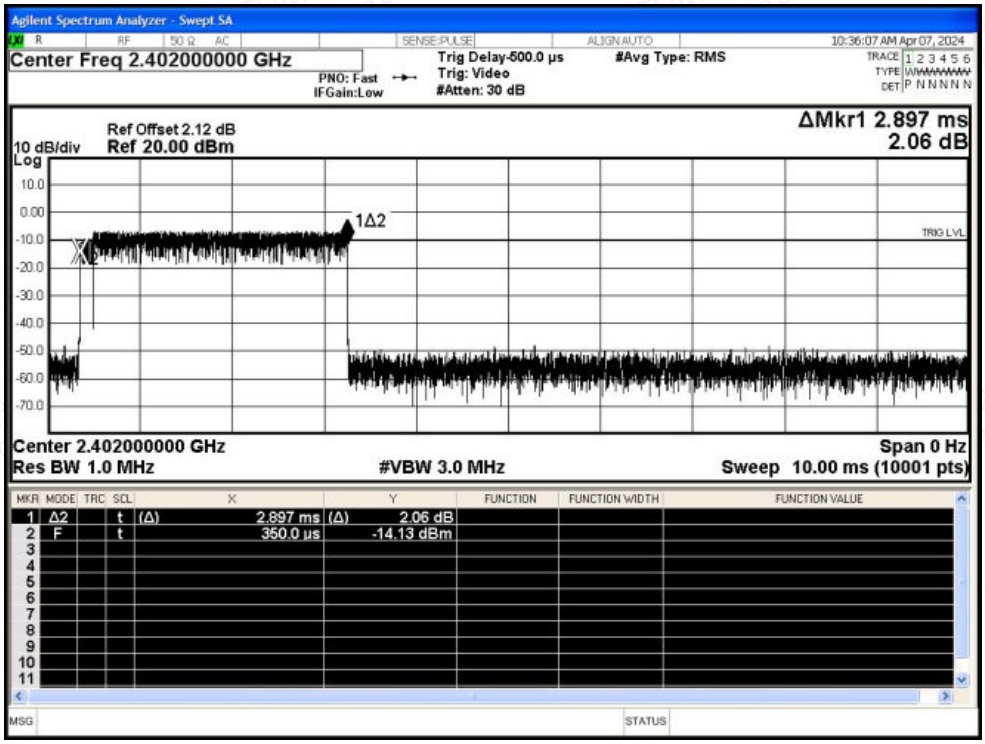
Dwell NVNT 2-DH5 2402MHz Ant2 One Burst



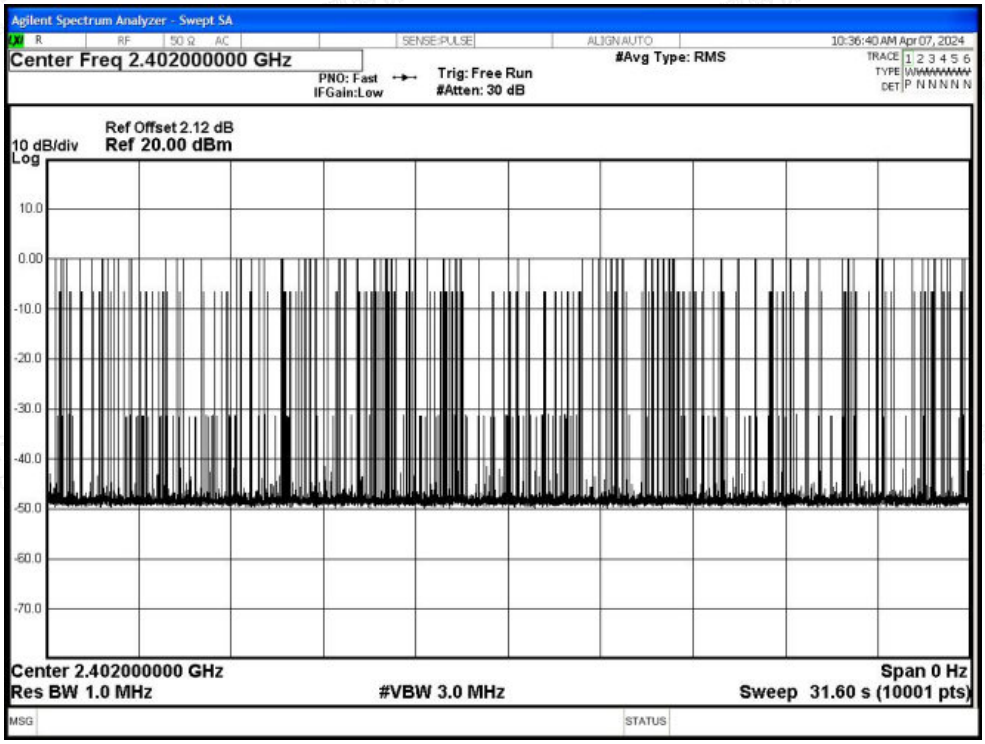
Dwell NVNT 2-DH5 2402MHz Ant2 Accumulated



Dwell NVNT 3-DH5 2402MHz Ant2 One Burst



Dwell NVNT 3-DH5 2402MHz Ant2 Accumulated

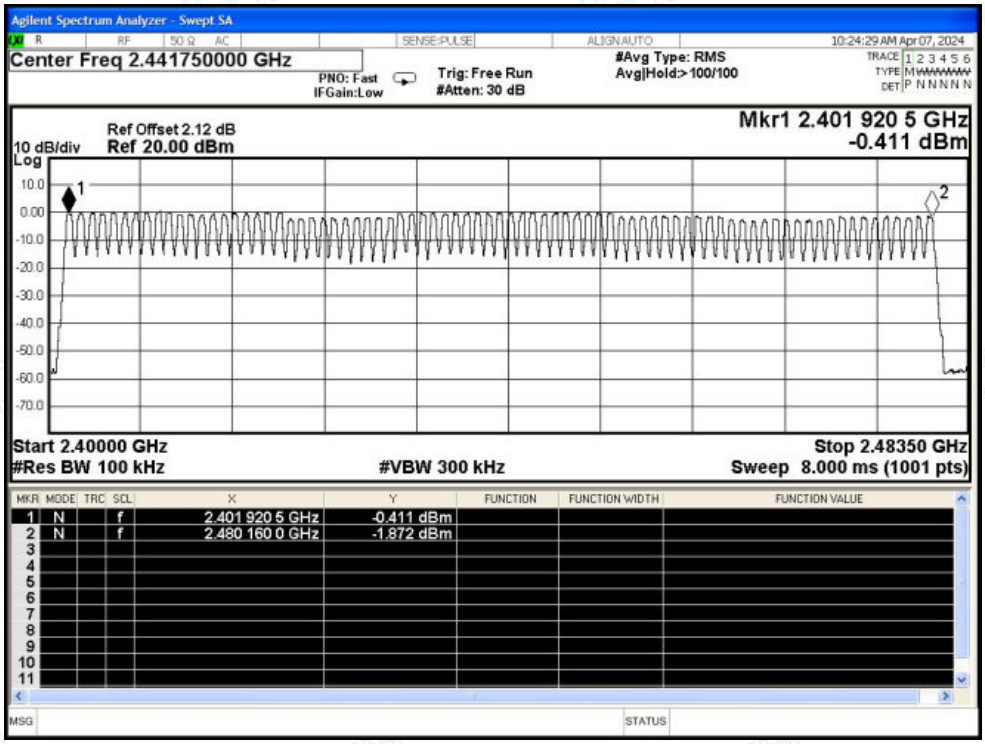


A.5 Number of Hopping Channel

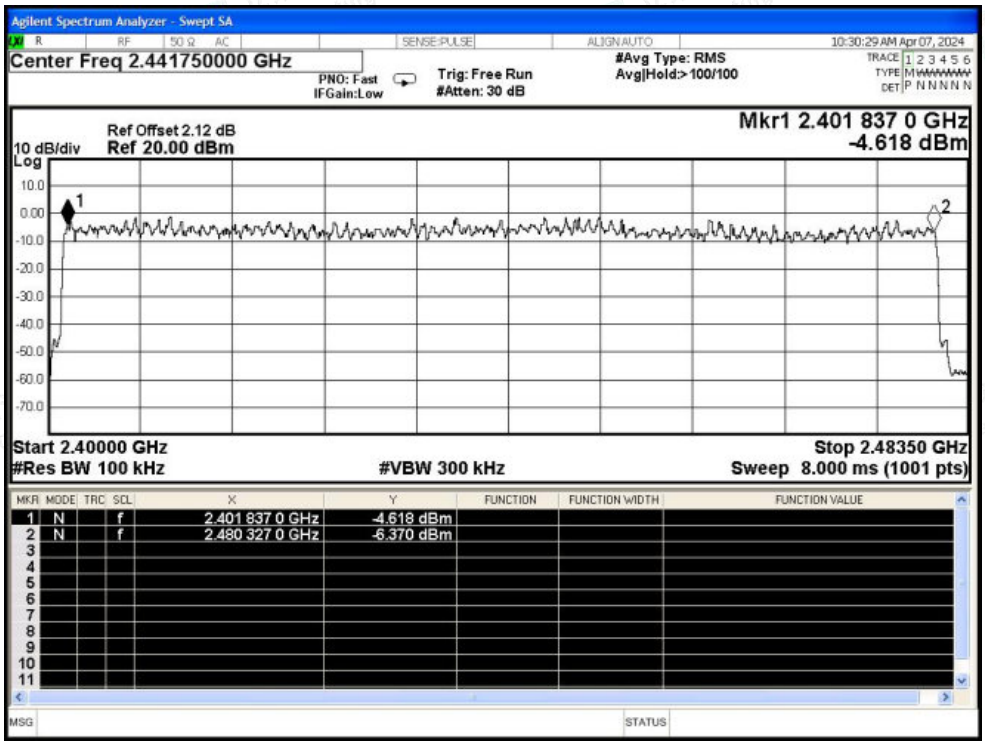
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant2	79	15	Pass
NVNT	2-DH5	Ant2	79	15	Pass
NVNT	3-DH5	Ant2	79	15	Pass

Test Graphs

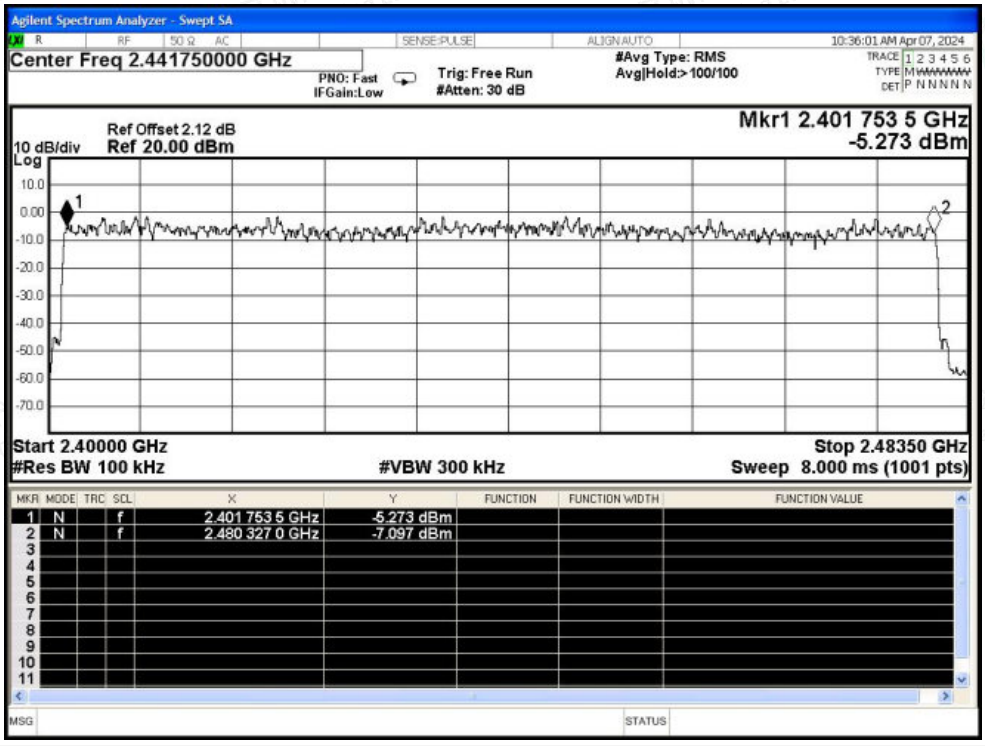
Hopping No. NVNT 1-DH5 2402MHz Ant2



Hopping No. NVNT 2-DH5 2402MHz Ant2



Hopping No. NVNT 3-DH5 2402MHz Ant2

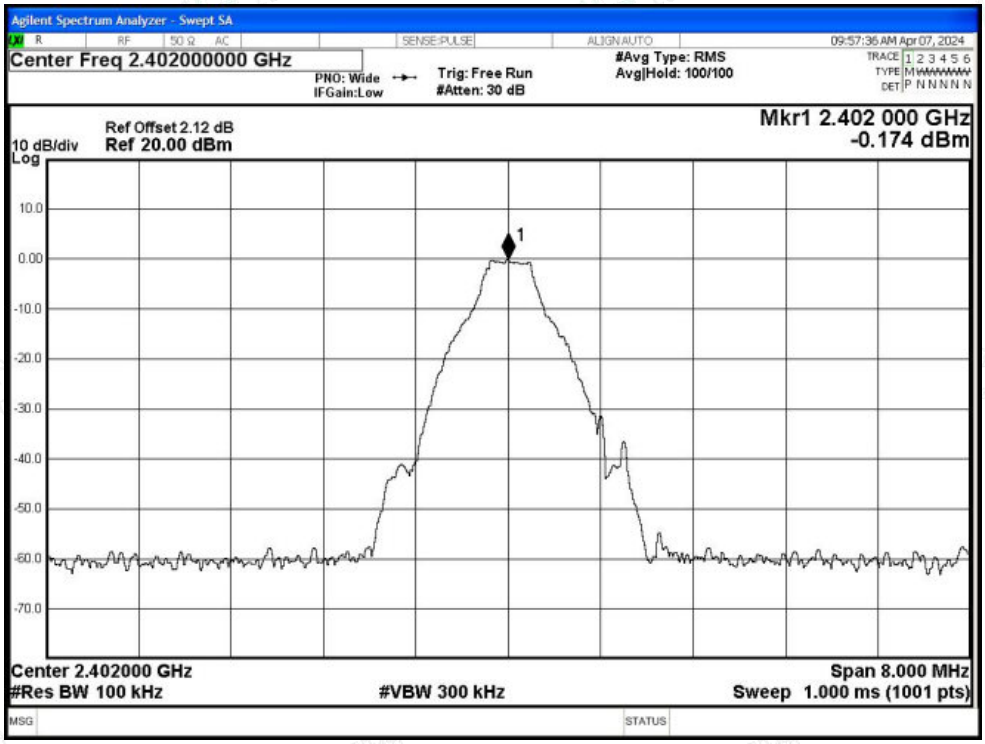


A.6 Band Edge

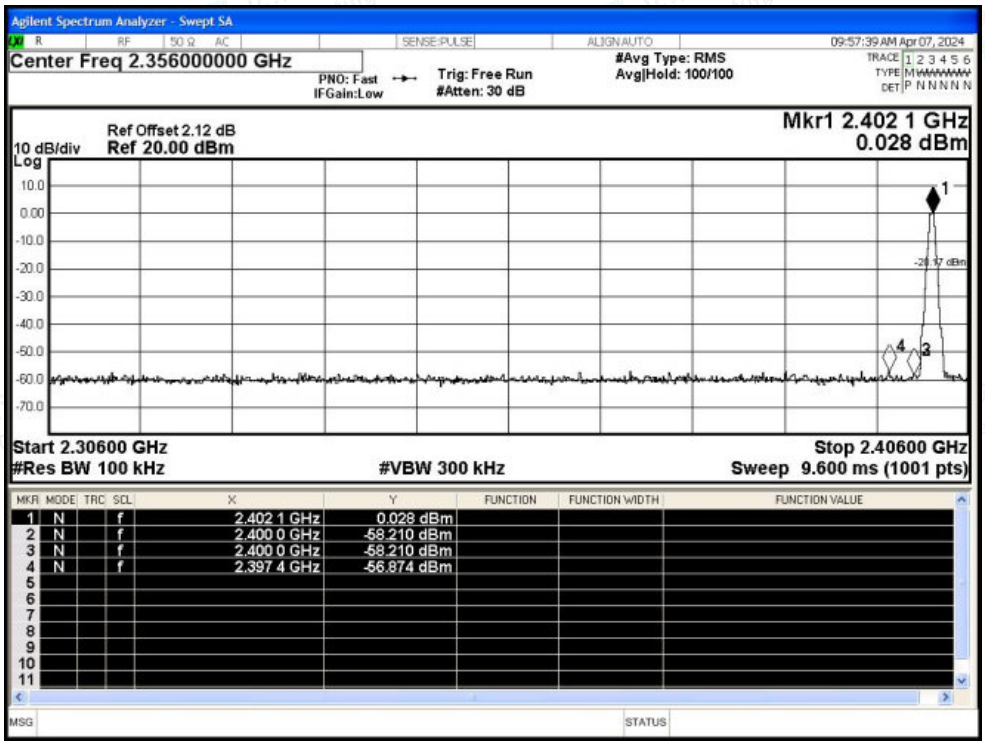
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant2	No-Hopping	-56.7	-20	Pass
NVNT	1-DH5	2480	Ant2	No-Hopping	-54.26	-20	Pass
NVNT	2-DH5	2402	Ant2	No-Hopping	-53.42	-20	Pass
NVNT	2-DH5	2480	Ant2	No-Hopping	-53.58	-20	Pass
NVNT	3-DH5	2402	Ant2	No-Hopping	-54.14	-20	Pass
NVNT	3-DH5	2480	Ant2	No-Hopping	-53.84	-20	Pass

Test Graphs

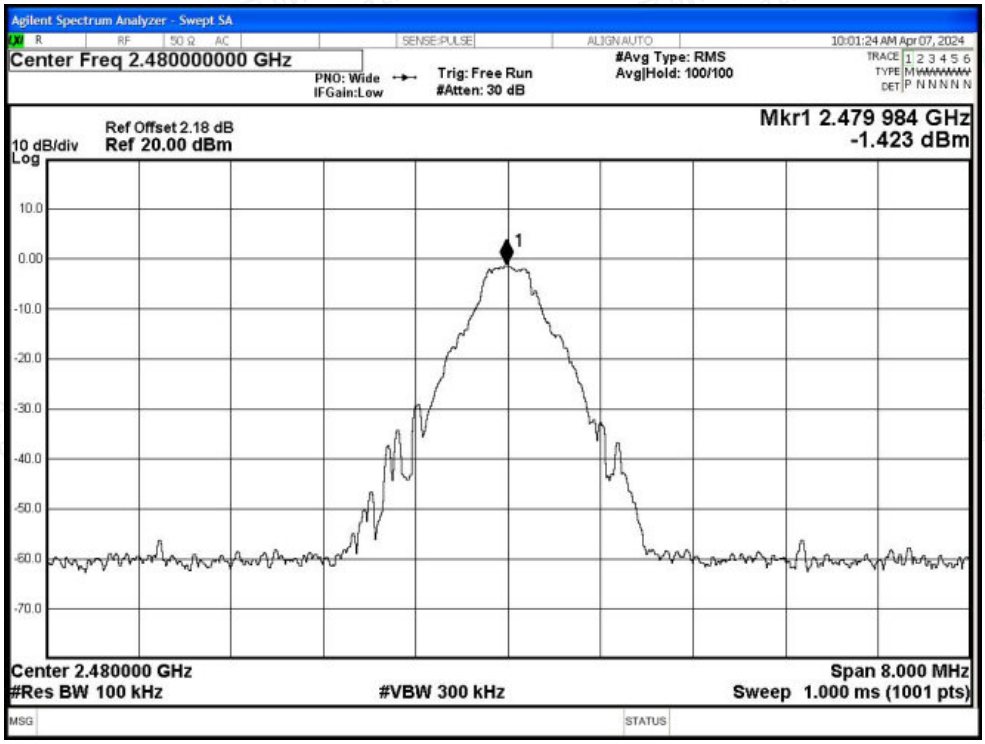
Band Edge NVNT 1-DH5 2402MHz Ant2 No-Hopping Ref



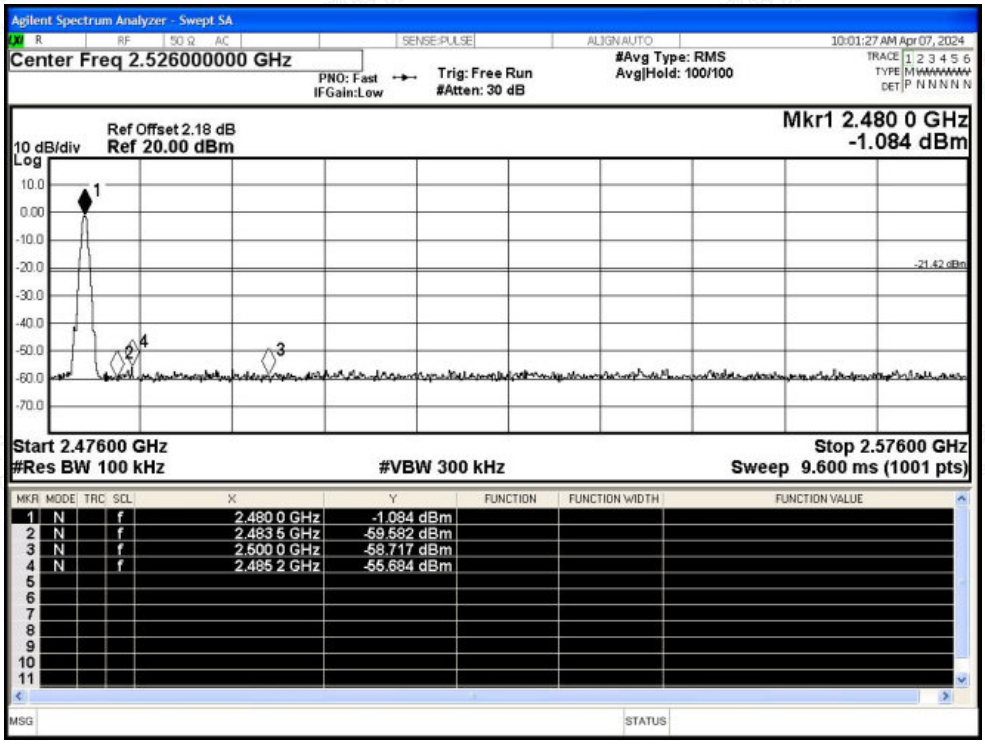
Band Edge NVNT 1-DH5 2402MHz Ant2 No-Hopping Emission



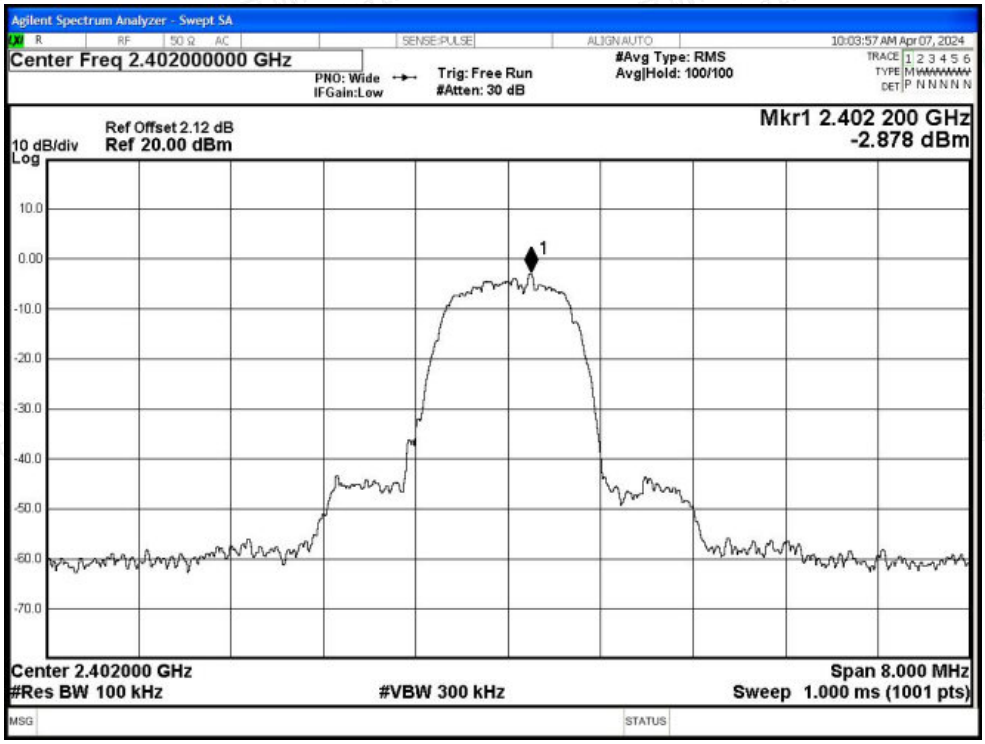
Band Edge NVNT 1-DH5 2480MHz Ant2 No-Hopping Ref



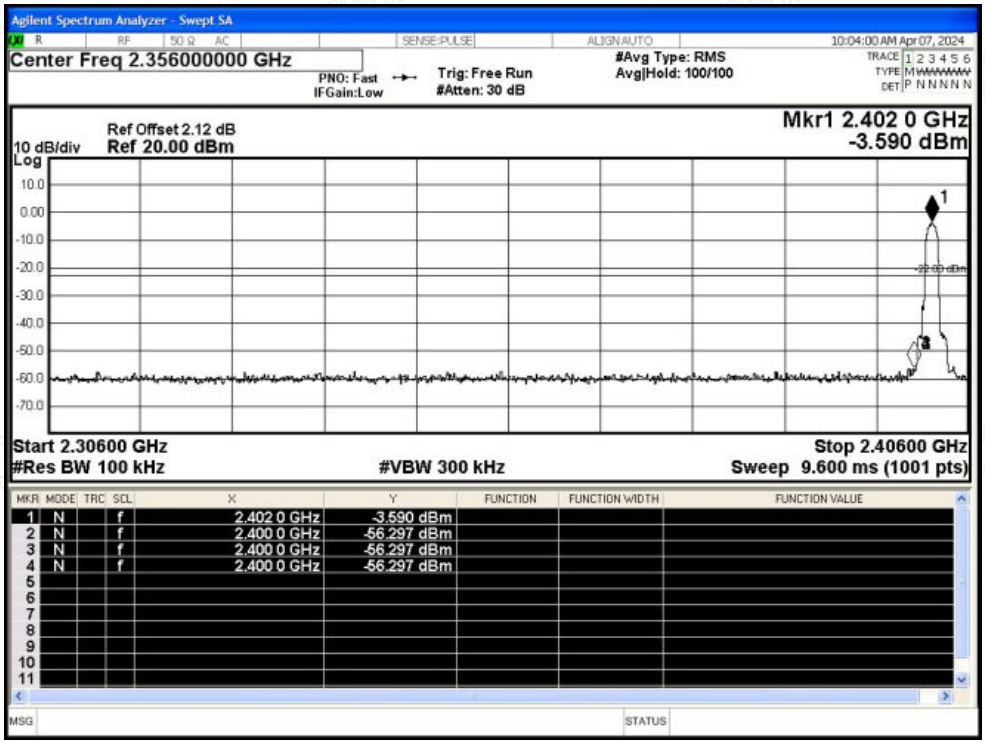
Band Edge NVNT 1-DH5 2480MHz Ant2 No-Hopping Emission



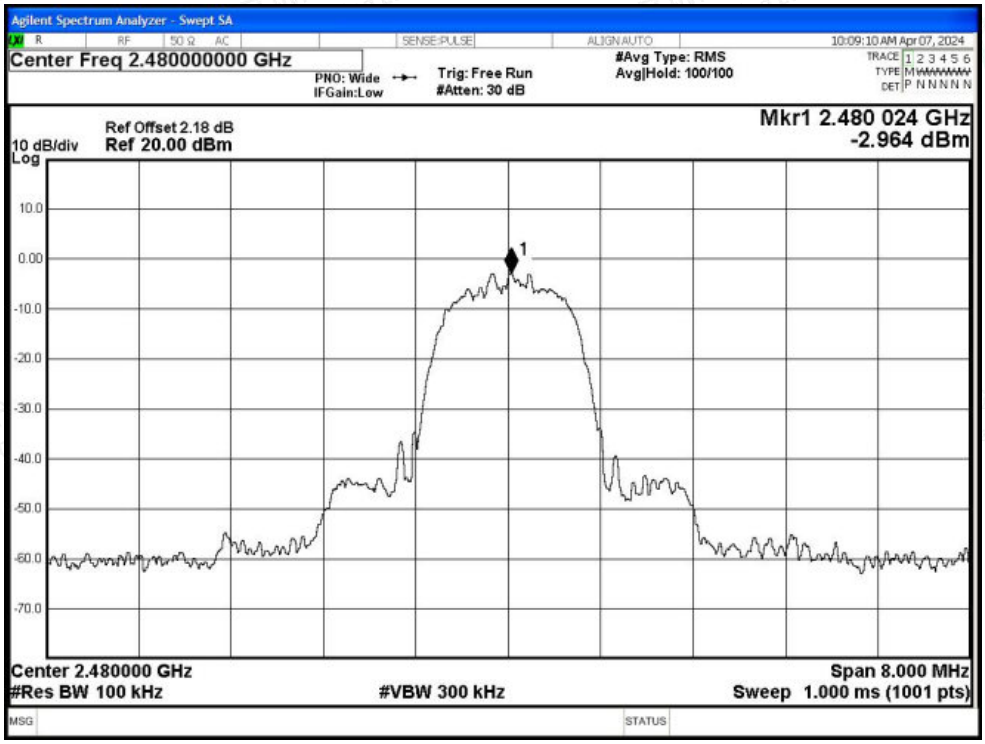
Band Edge NVNT 2-DH5 2402MHz Ant2 No-Hopping Ref



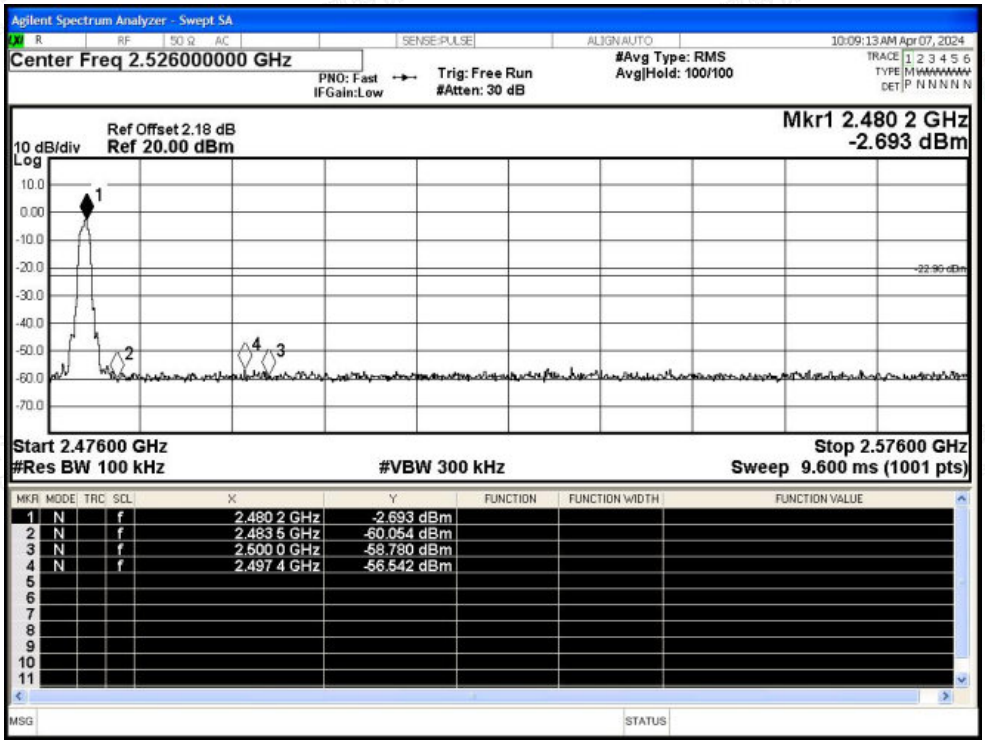
Band Edge NVNT 2-DH5 2402MHz Ant2 No-Hopping Emission



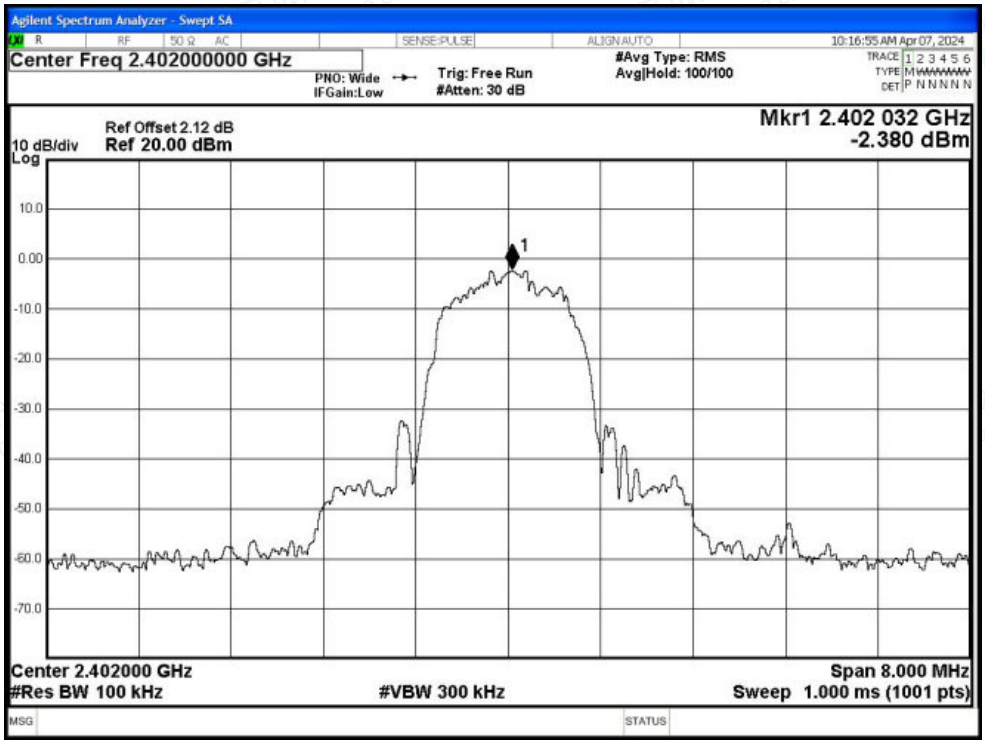
Band Edge NVNT 2-DH5 2480MHz Ant2 No-Hopping Ref



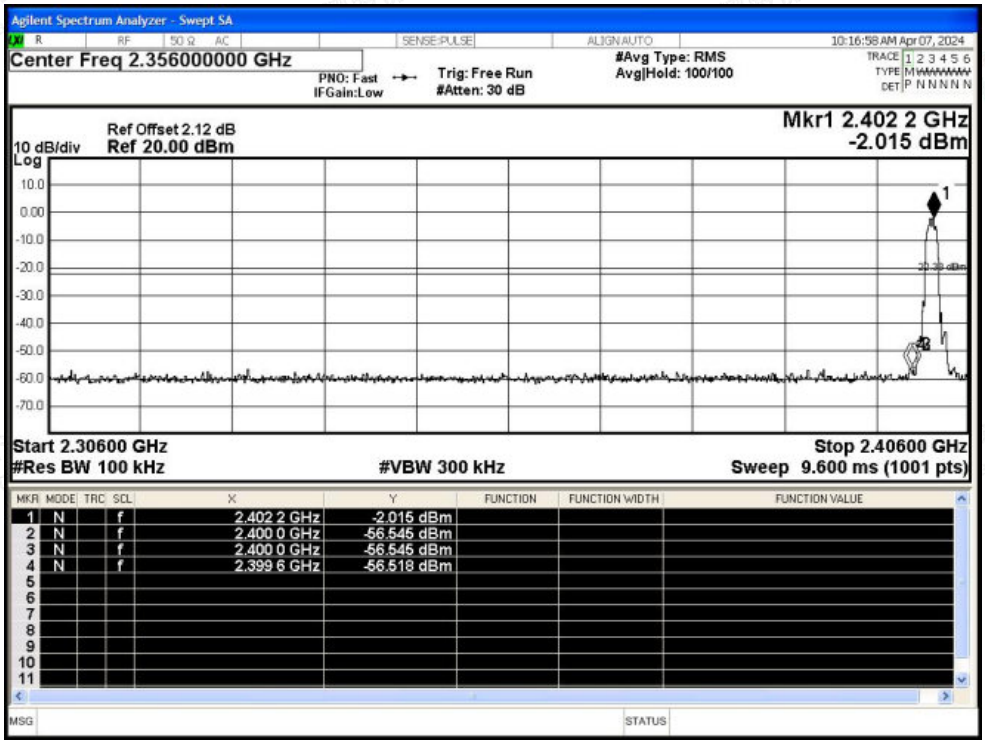
Band Edge NVNT 2-DH5 2480MHz Ant2 No-Hopping Emission



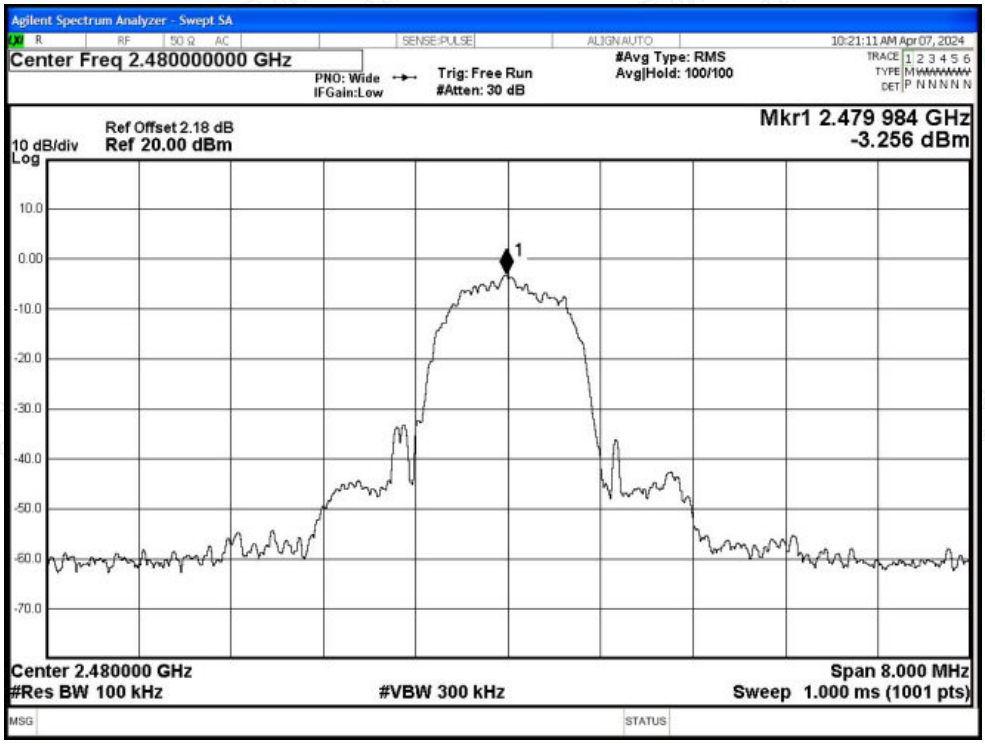
Band Edge NVNT 3-DH5 2402MHz Ant2 No-Hopping Ref



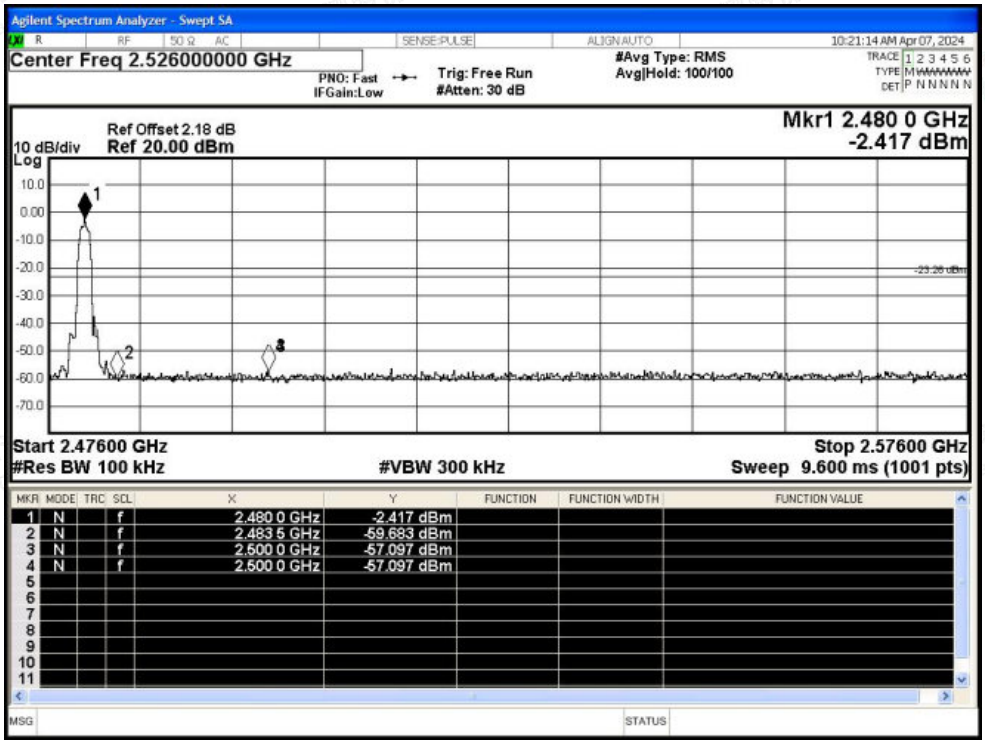
Band Edge NVNT 3-DH5 2402MHz Ant2 No-Hopping Emission



Band Edge NVNT 3-DH5 2480MHz Ant2 No-Hopping Ref



Band Edge NVNT 3-DH5 2480MHz Ant2 No-Hopping Emission

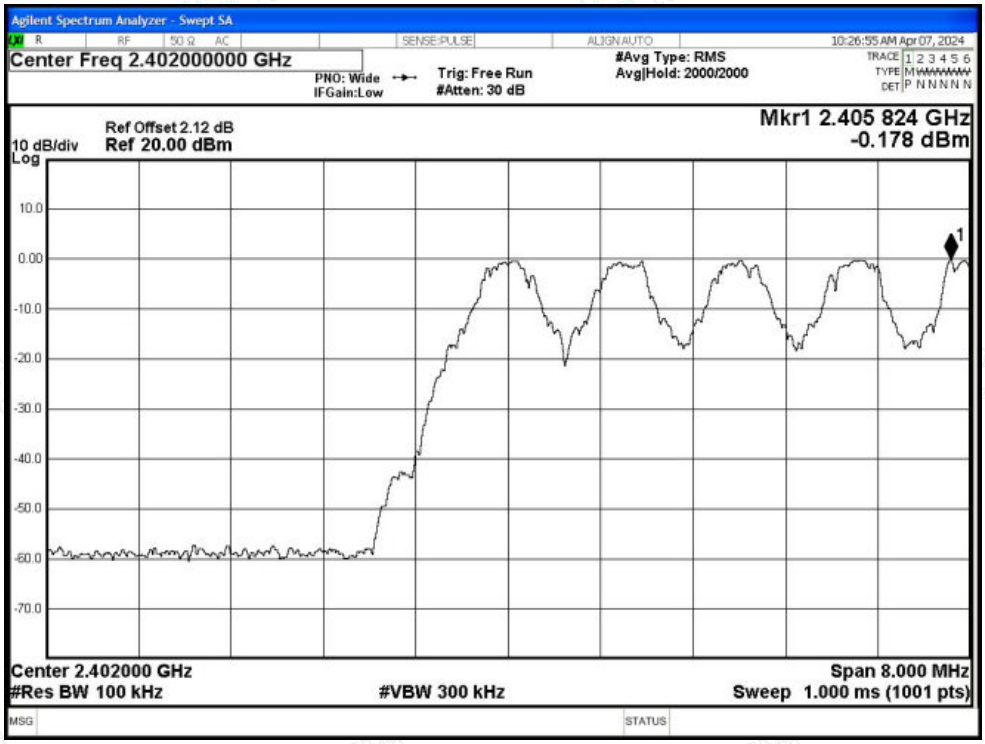


(Hopping)

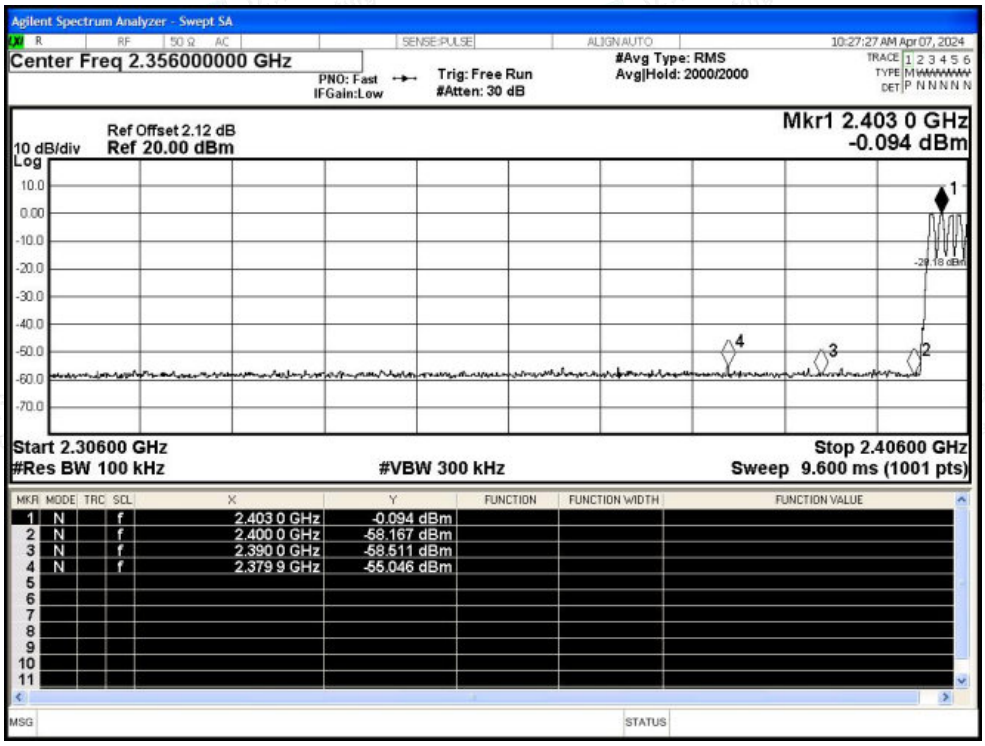
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant2	Hopping	-54.87	-20	Pass
NVNT	1-DH5	2480	Ant2	Hopping	-53.93	-20	Pass
NVNT	2-DH5	2402	Ant2	Hopping	-54.13	-20	Pass
NVNT	2-DH5	2480	Ant2	Hopping	-53.5	-20	Pass
NVNT	3-DH5	2402	Ant2	Hopping	-52.93	-20	Pass
NVNT	3-DH5	2480	Ant2	Hopping	-53.62	-20	Pass

Test Graphs

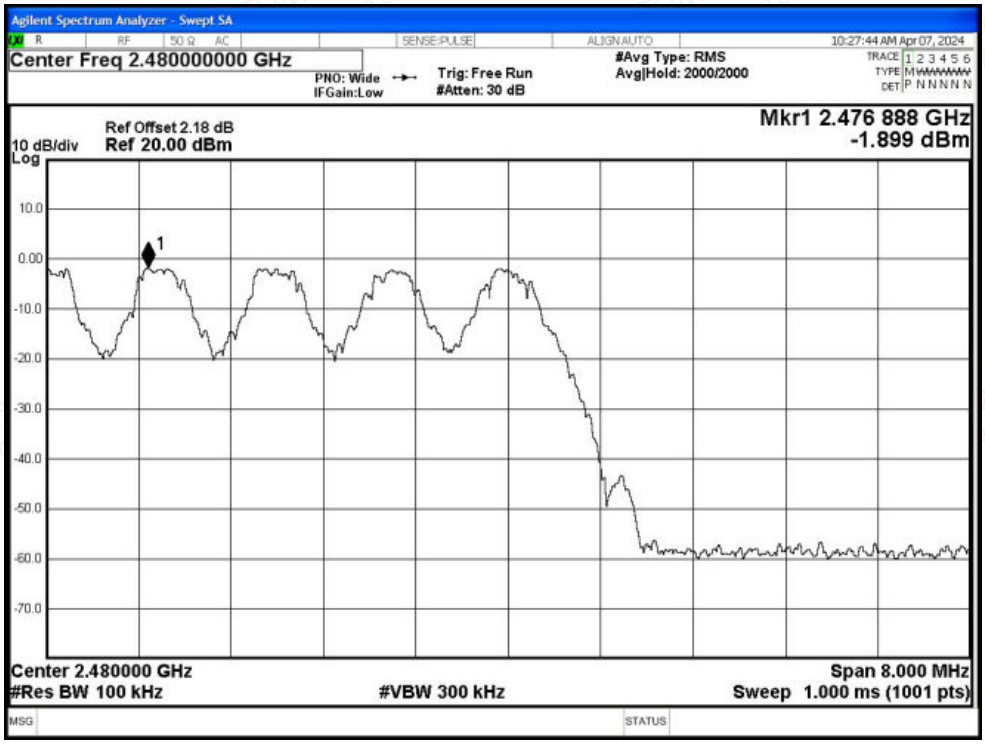
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant2 Hopping Ref



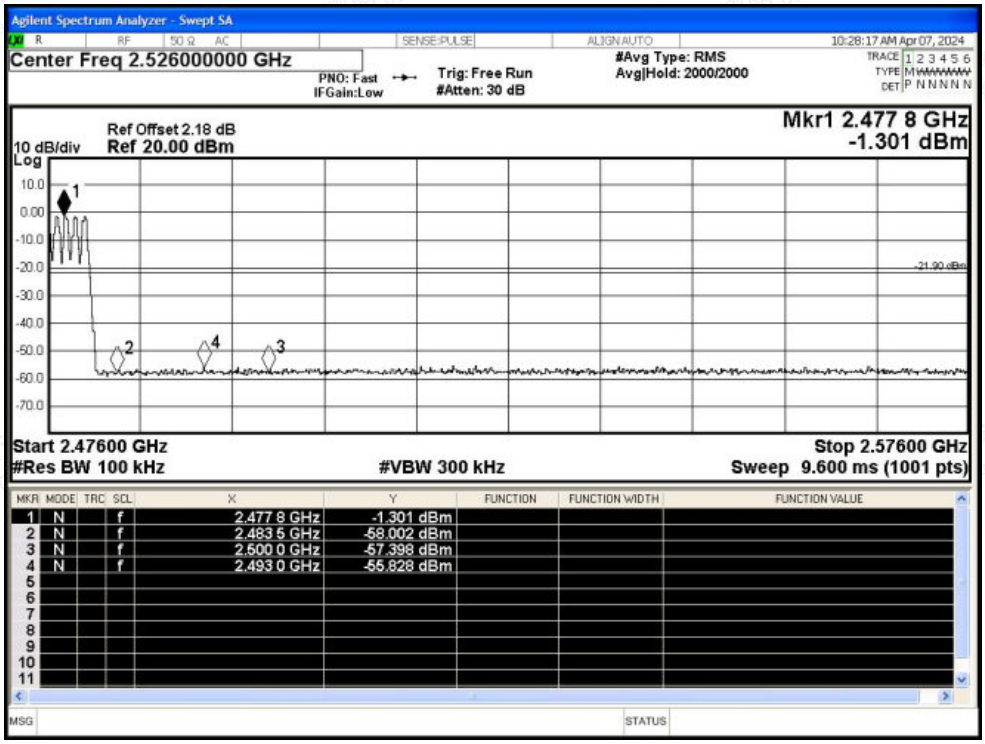
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant2 Hopping Emission



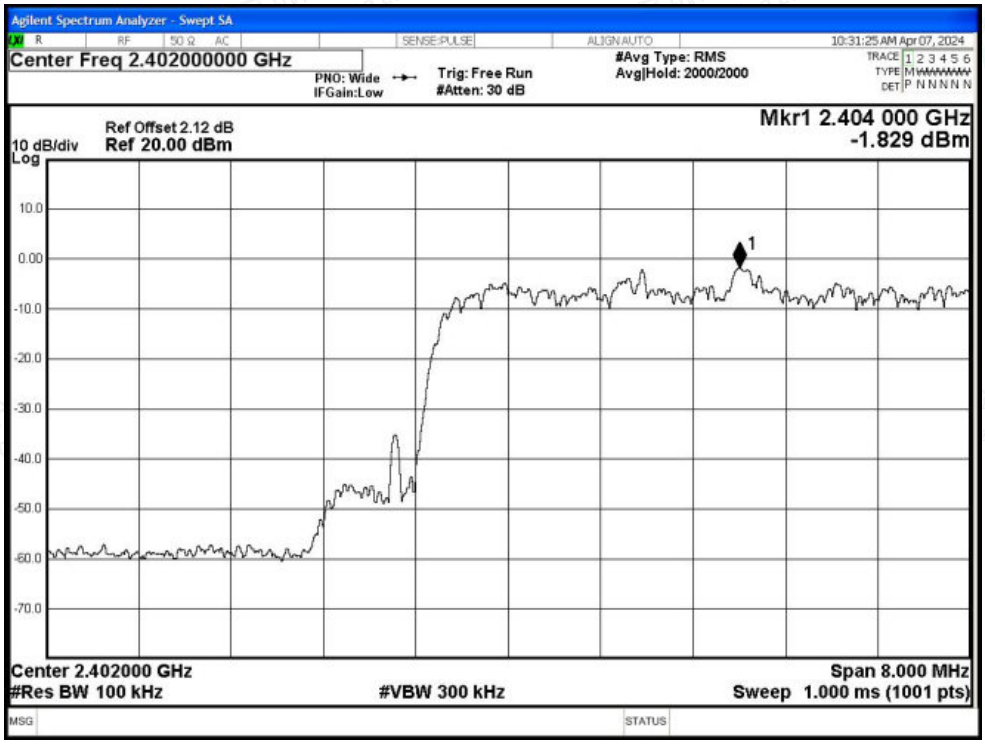
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant2 Hopping Ref



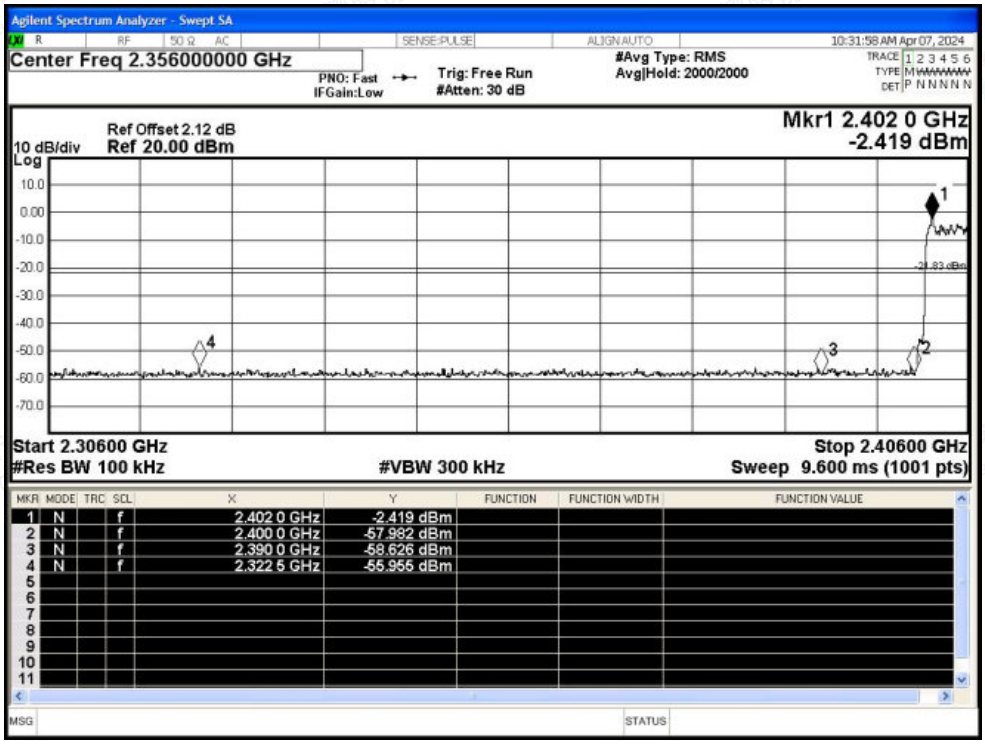
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant2 Hopping Emission



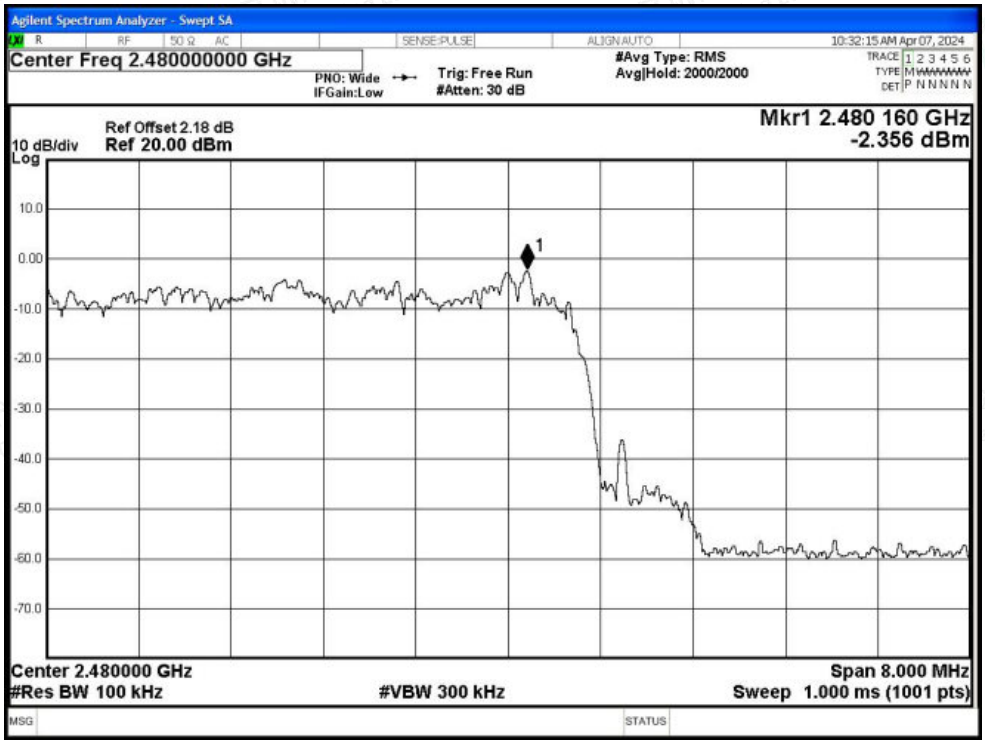
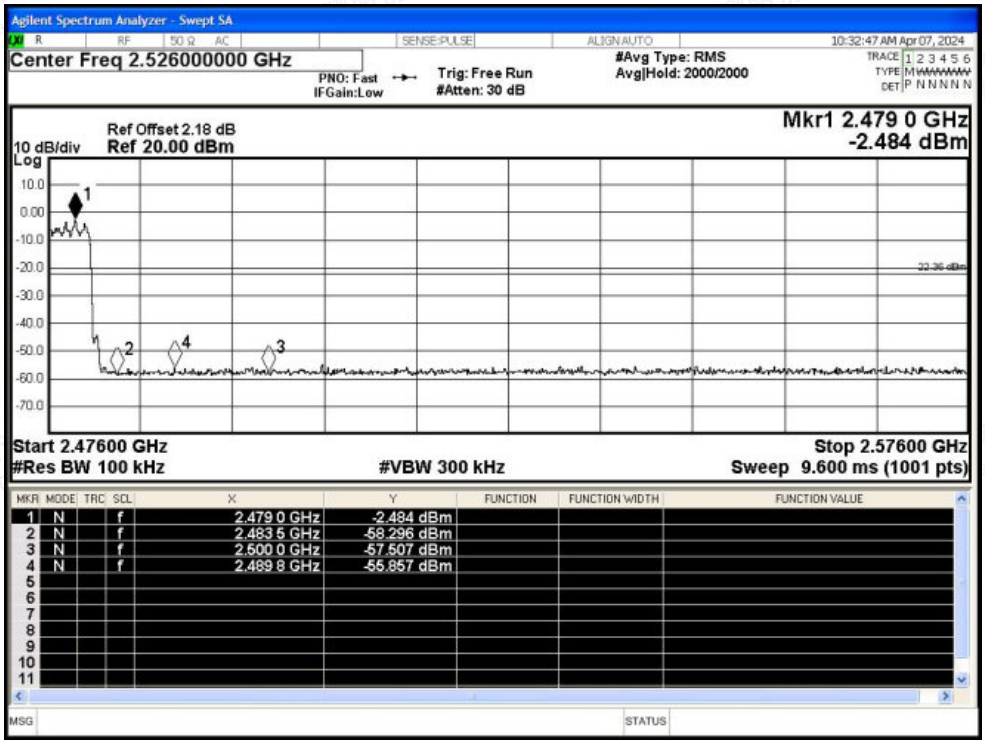
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant2 Hopping Ref



Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant2 Hopping Emission



Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant2 Hopping Ref



Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant2 Hopping Emission