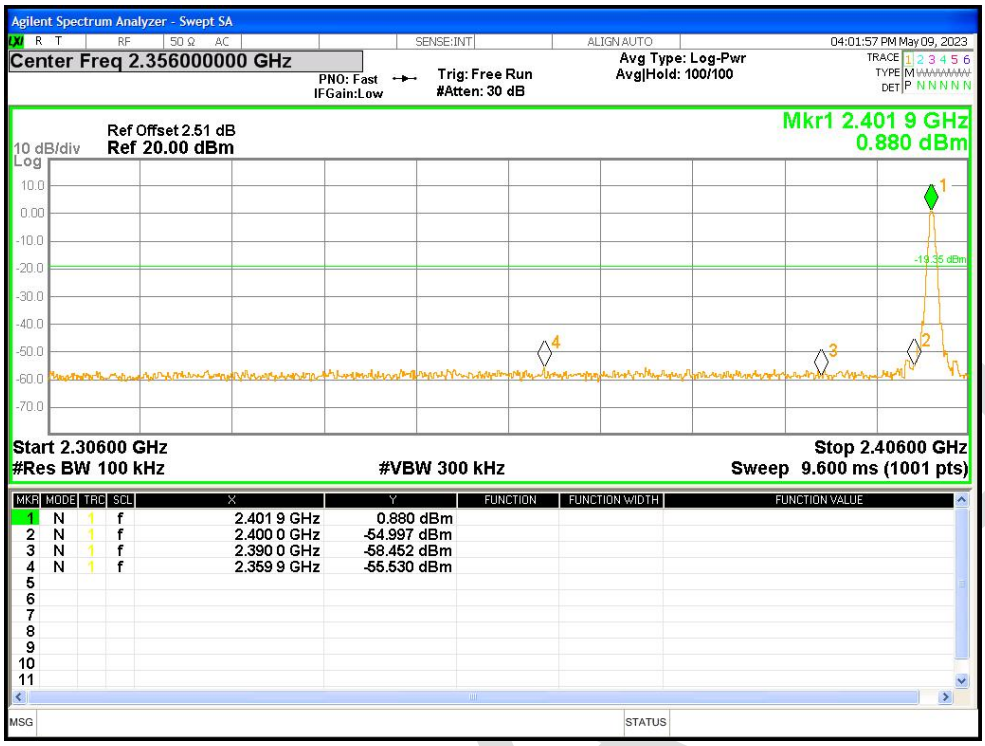
Band Edge

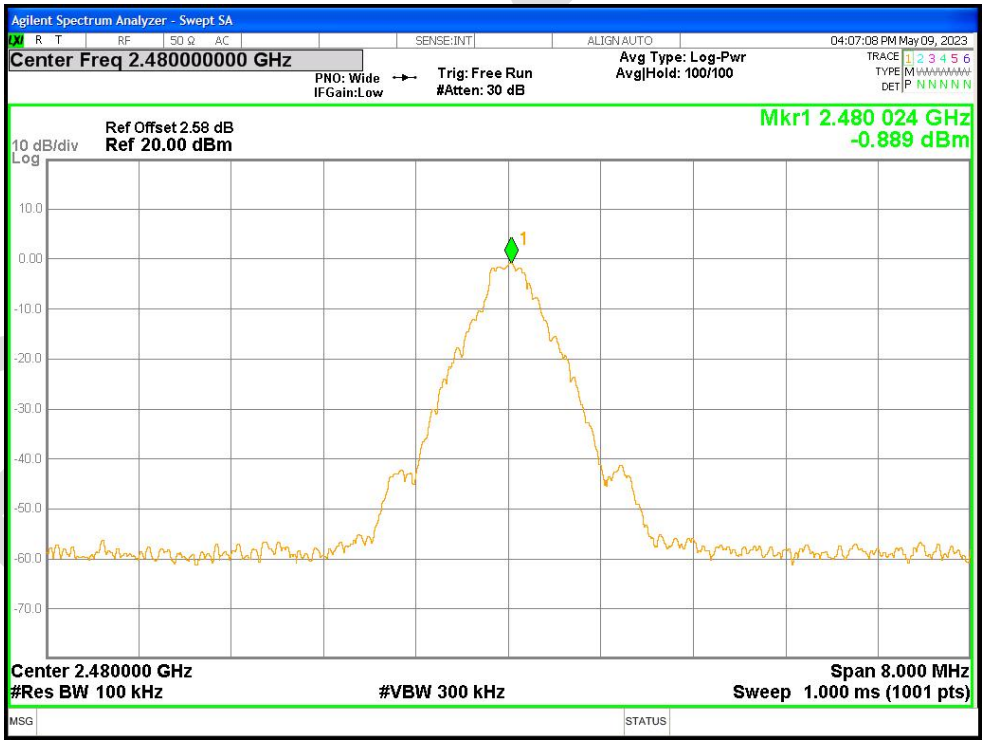
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-56.18	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-54.39	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-55.6	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-52.18	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-55.47	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-52	-20	Pass

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

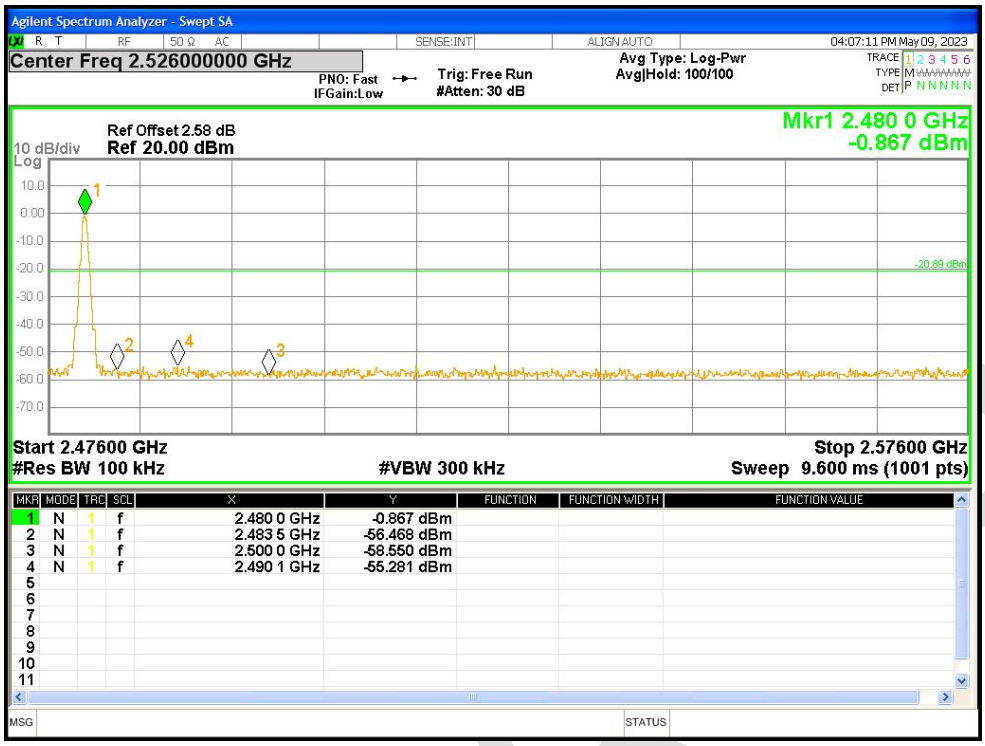
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



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

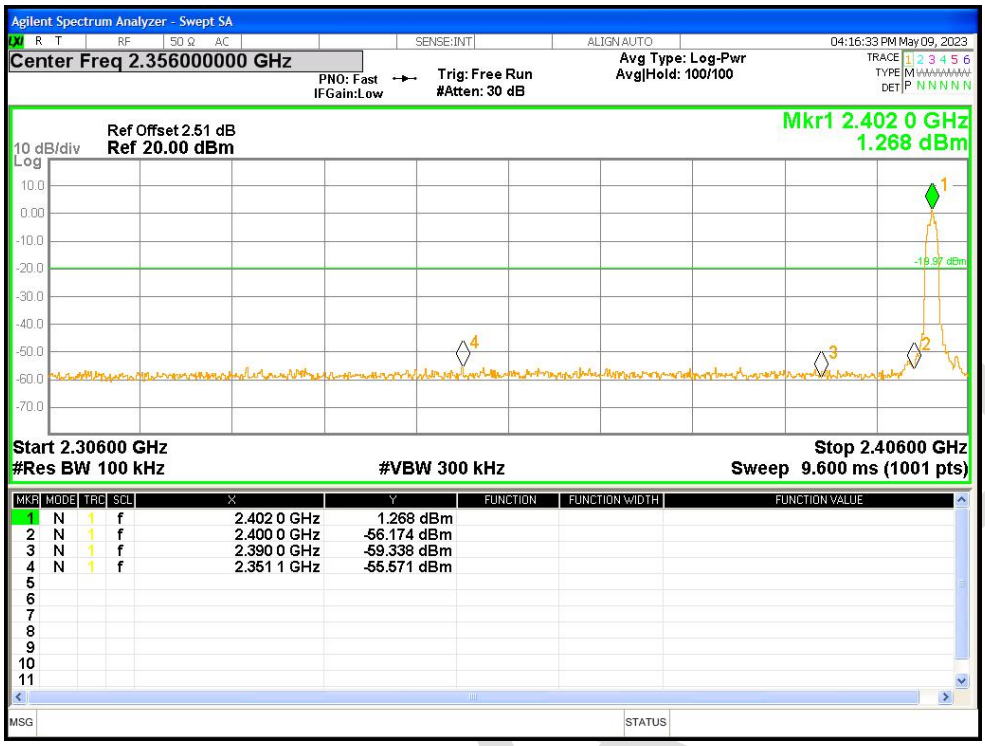


Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission

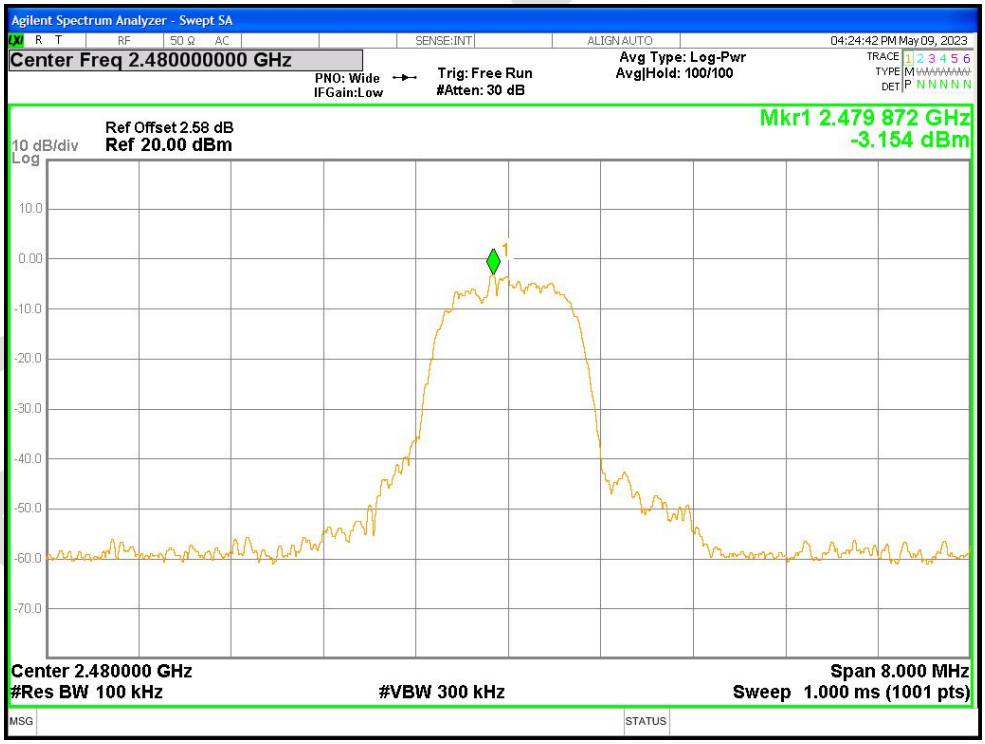


Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref

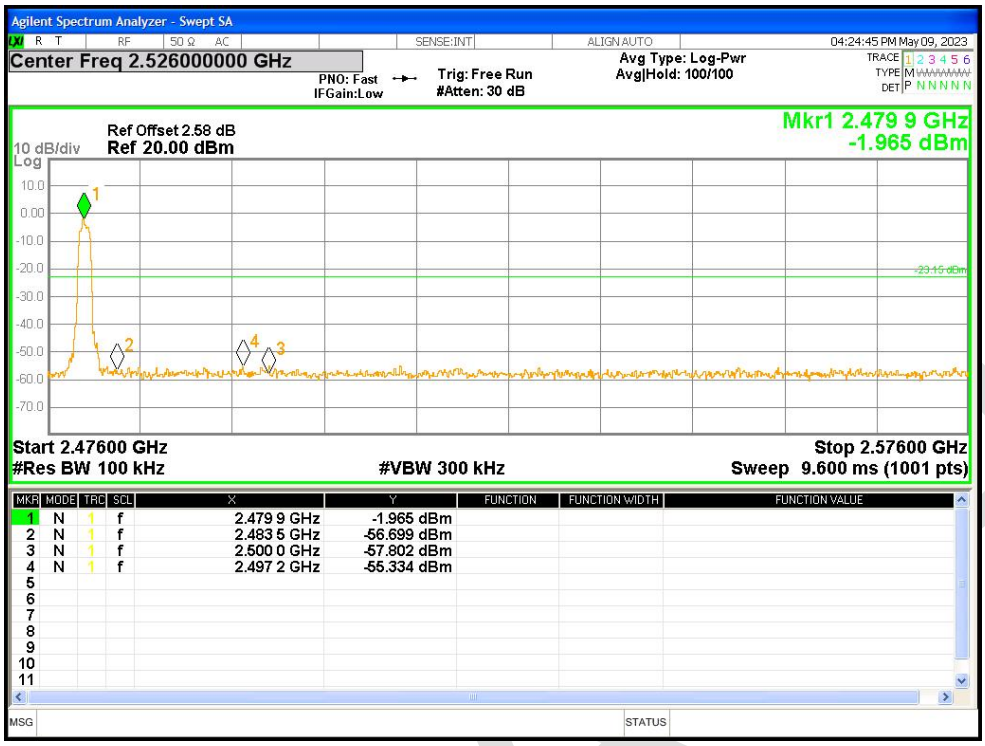
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



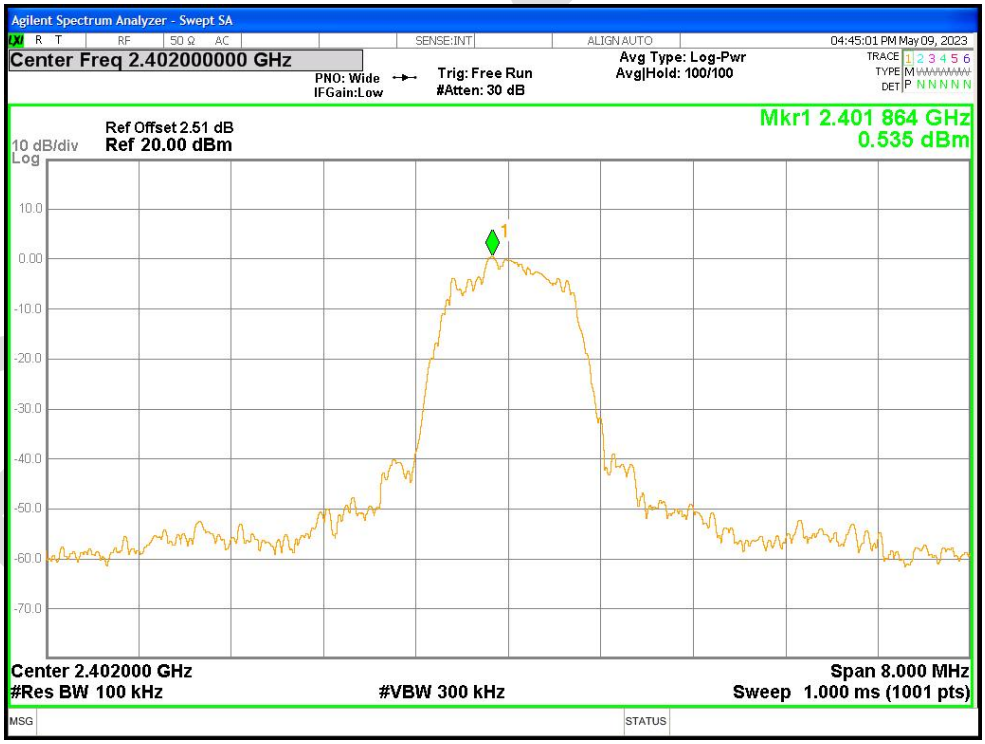
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



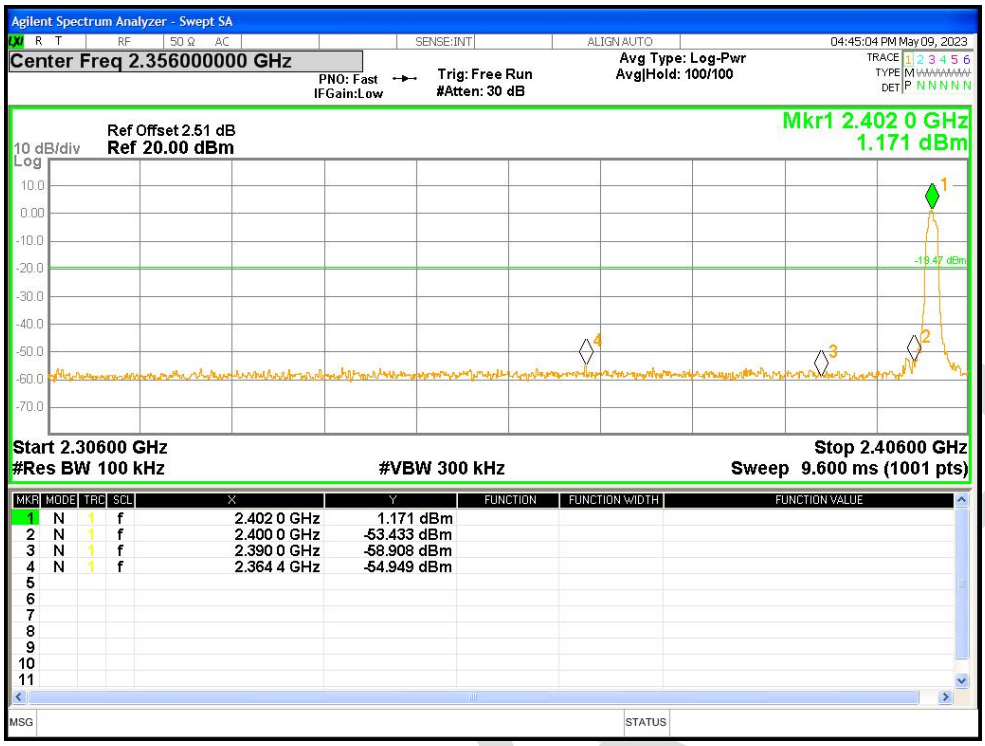
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



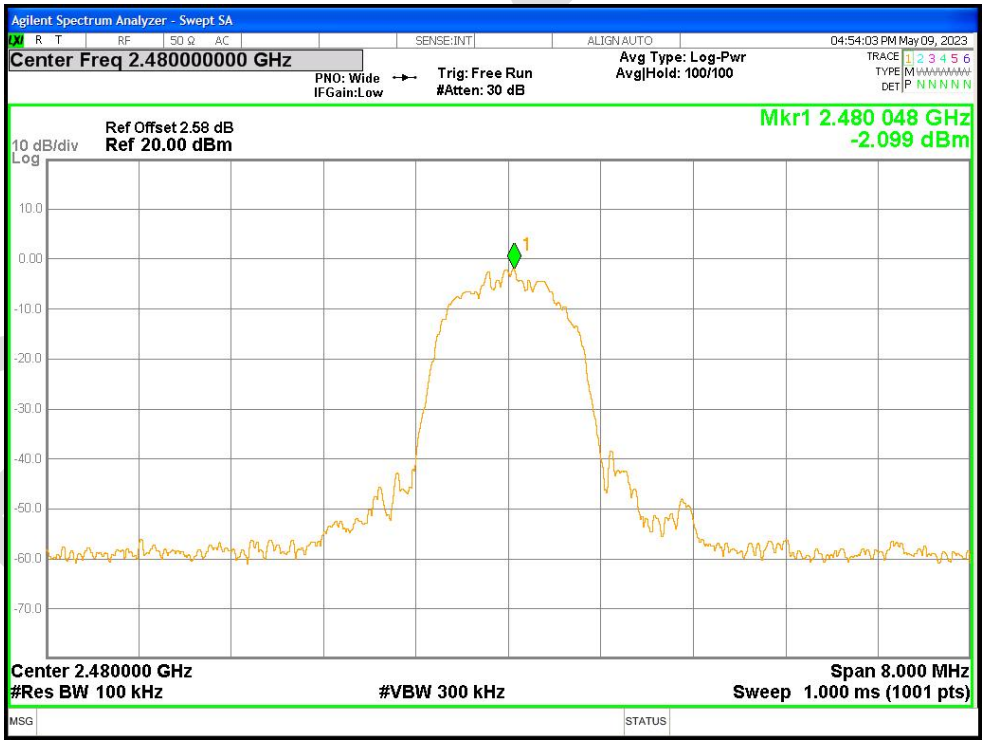
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



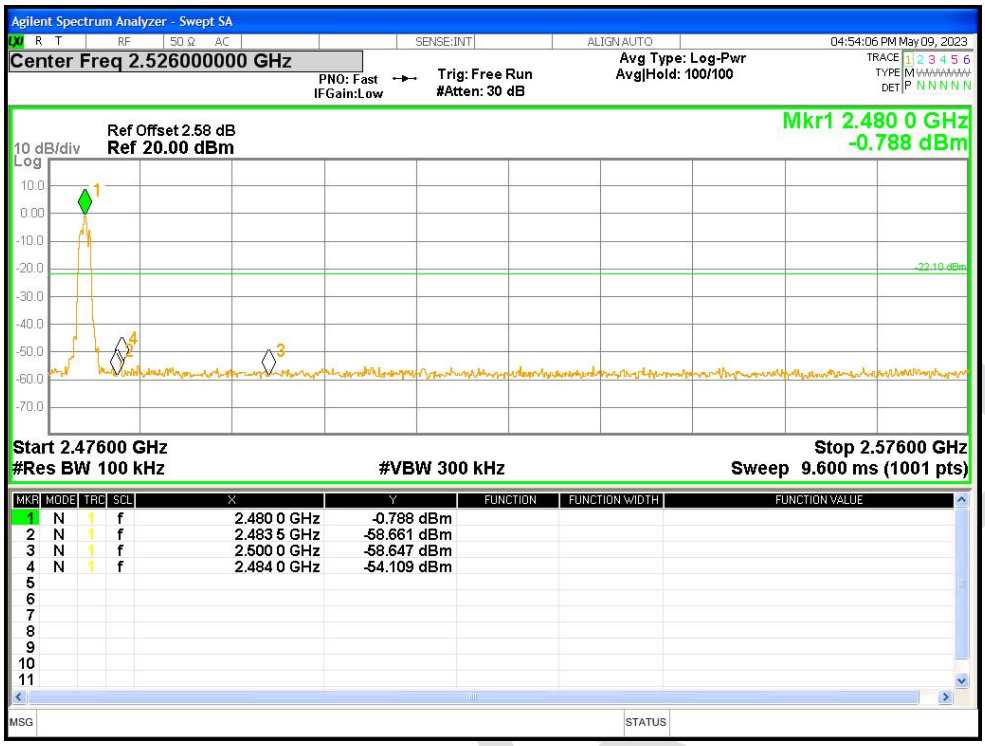
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



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



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

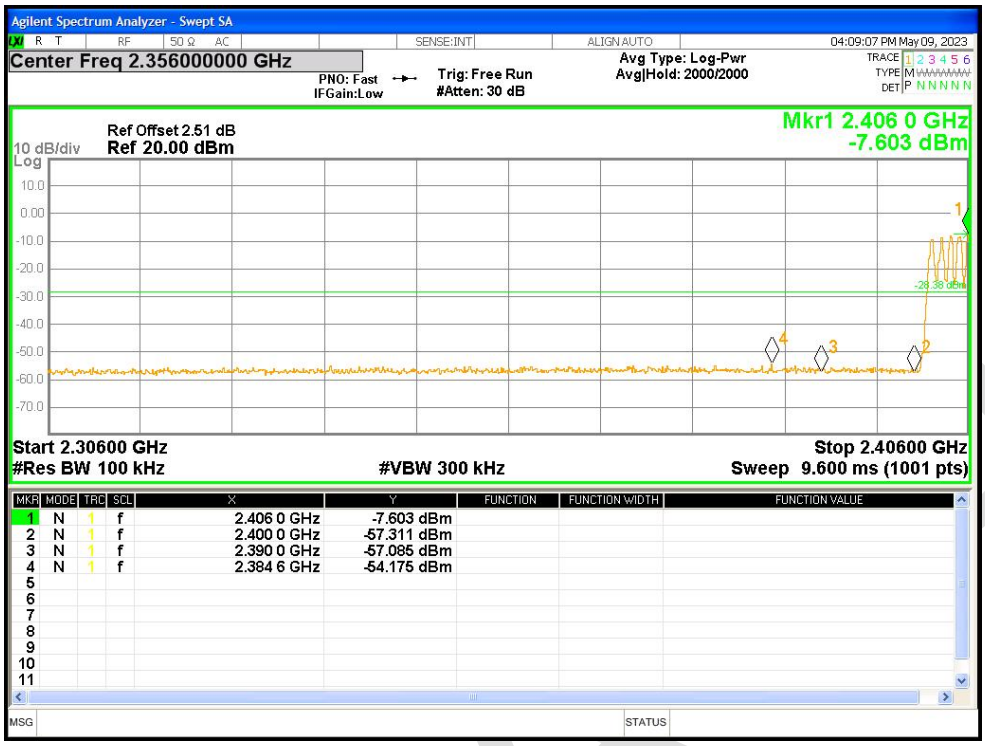

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.526000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
04:54:06 PM May 09, 2023
Ref Offset 2.58 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.480 0 GHz
-0.788 dBm
-22.10 dBm
Start 2.47600 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.57600 GHz
Sweep 9.600 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 2.480 0 GHz -0.788 dBm
2 N 1 f 2.483 5 GHz -58.661 dBm
3 N 1 f 2.500 0 GHz -58.647 dBm
4 N 1 f 2.484 0 GHz -54.109 dBm
MSG
STATUS

Band Edge(Hopping)

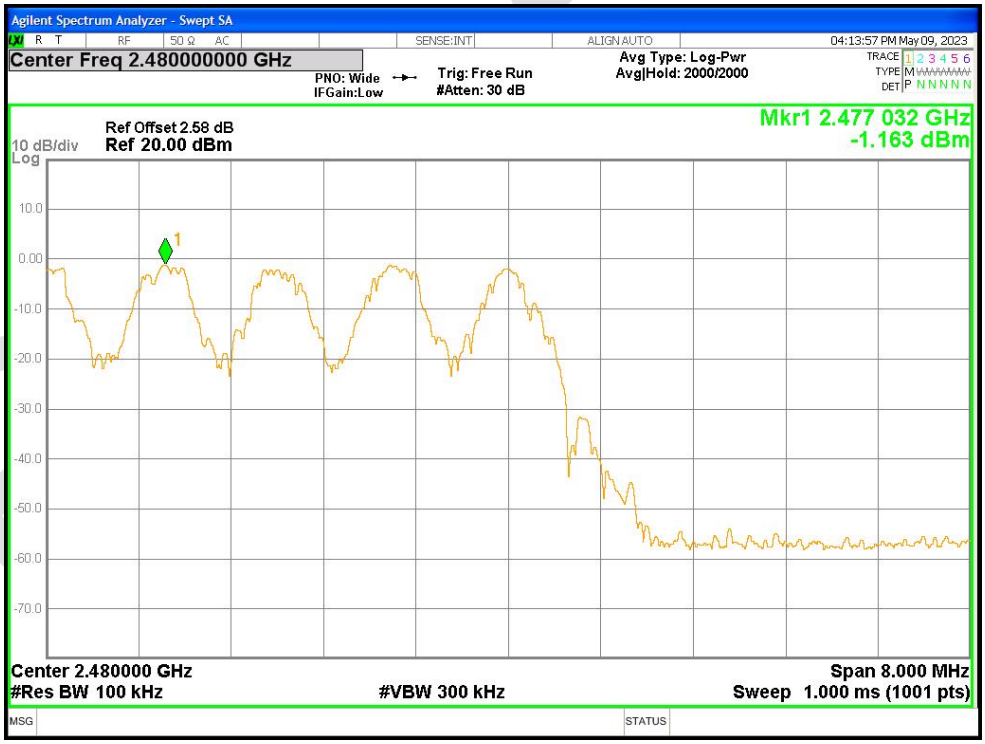
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-45.8	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-53.3	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-46.62	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-53.65	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-46.87	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-52.99	-20	Pass

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

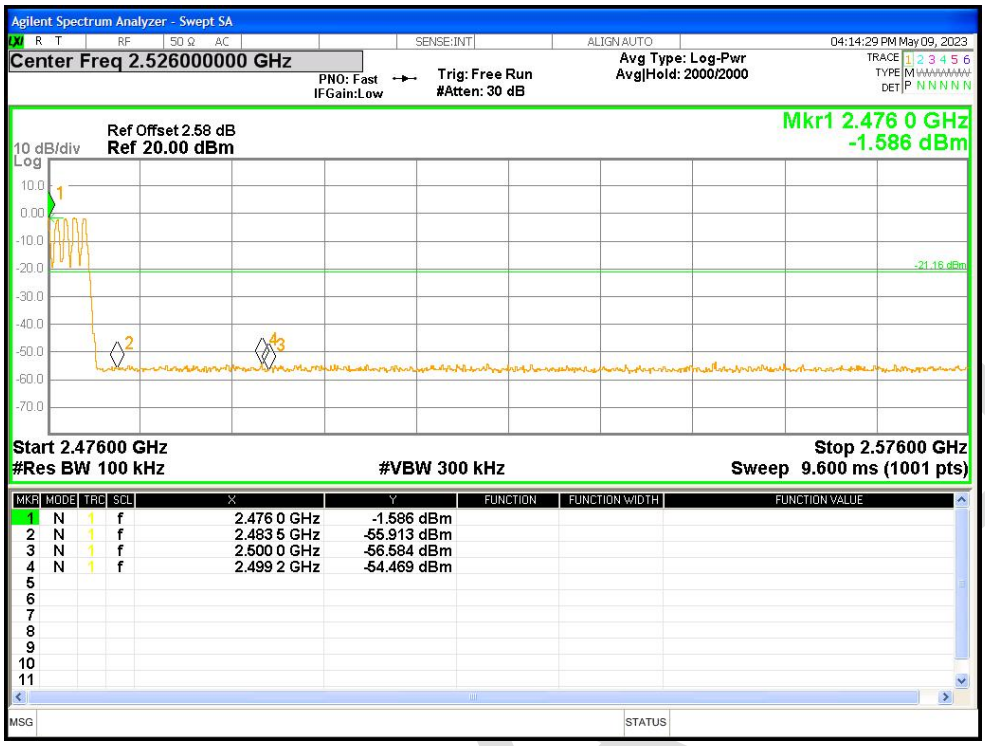
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission



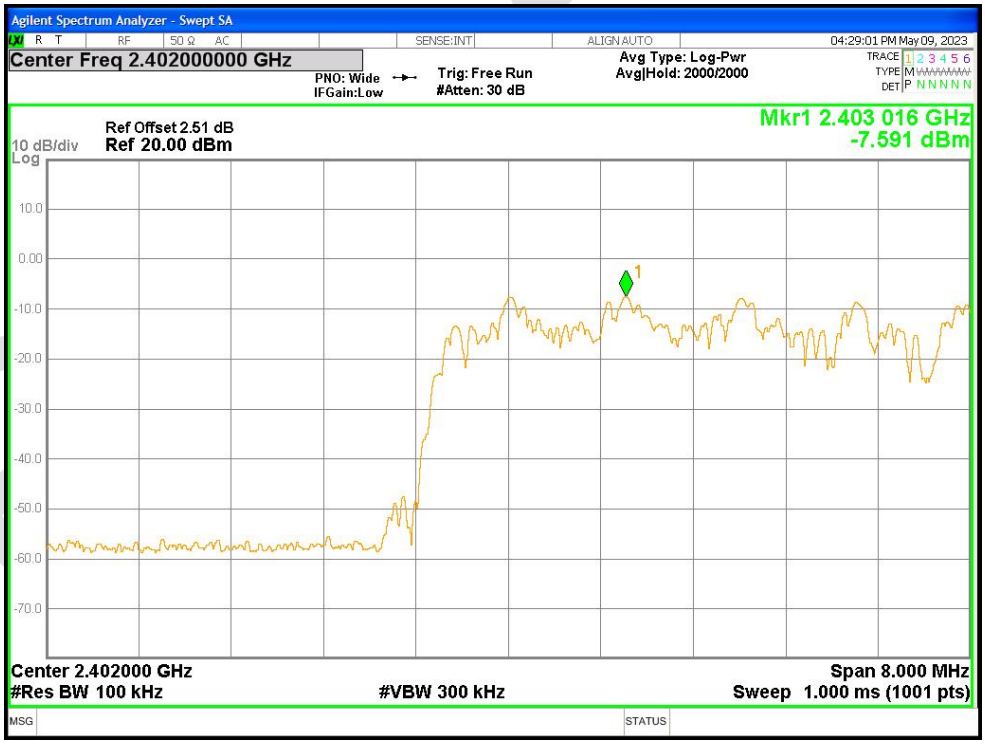
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



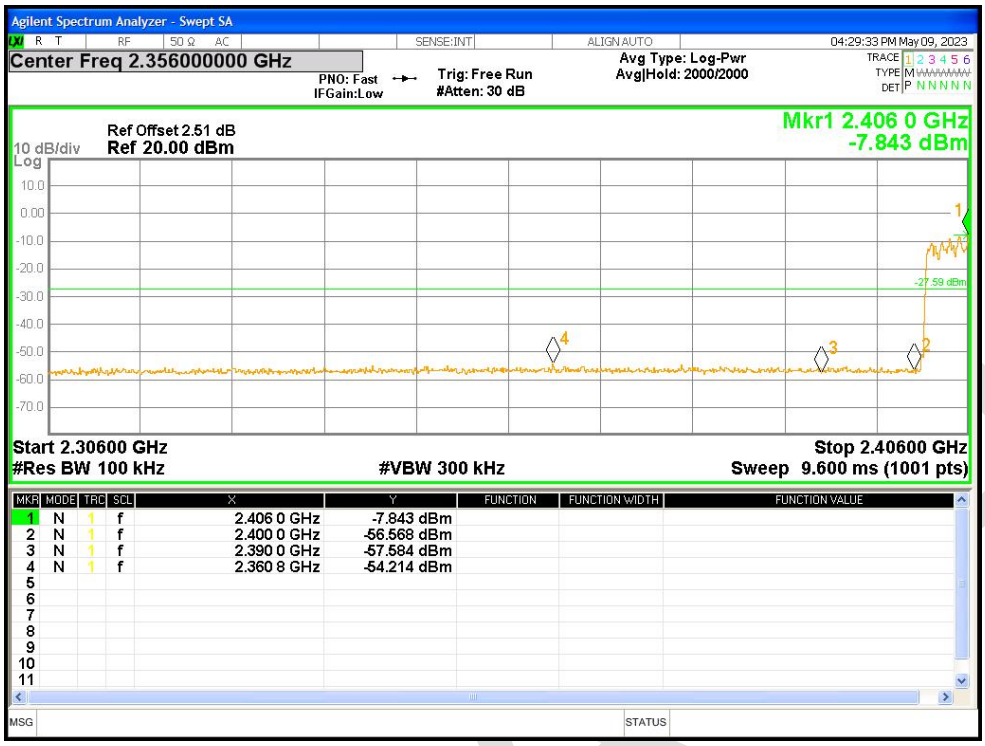
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



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

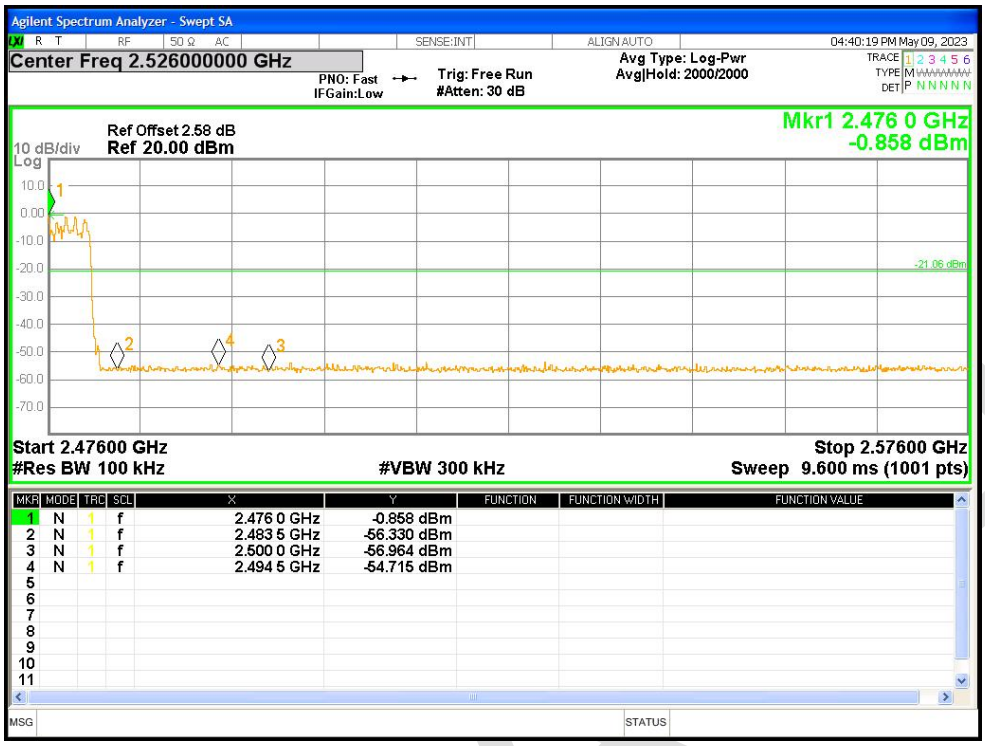


Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission



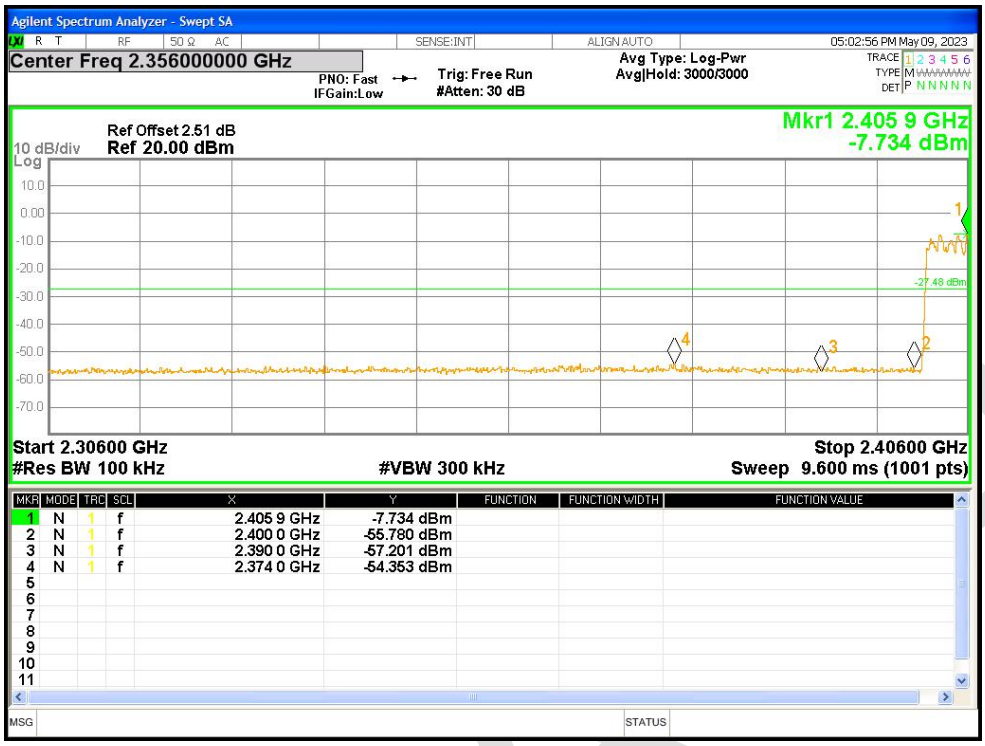
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref

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



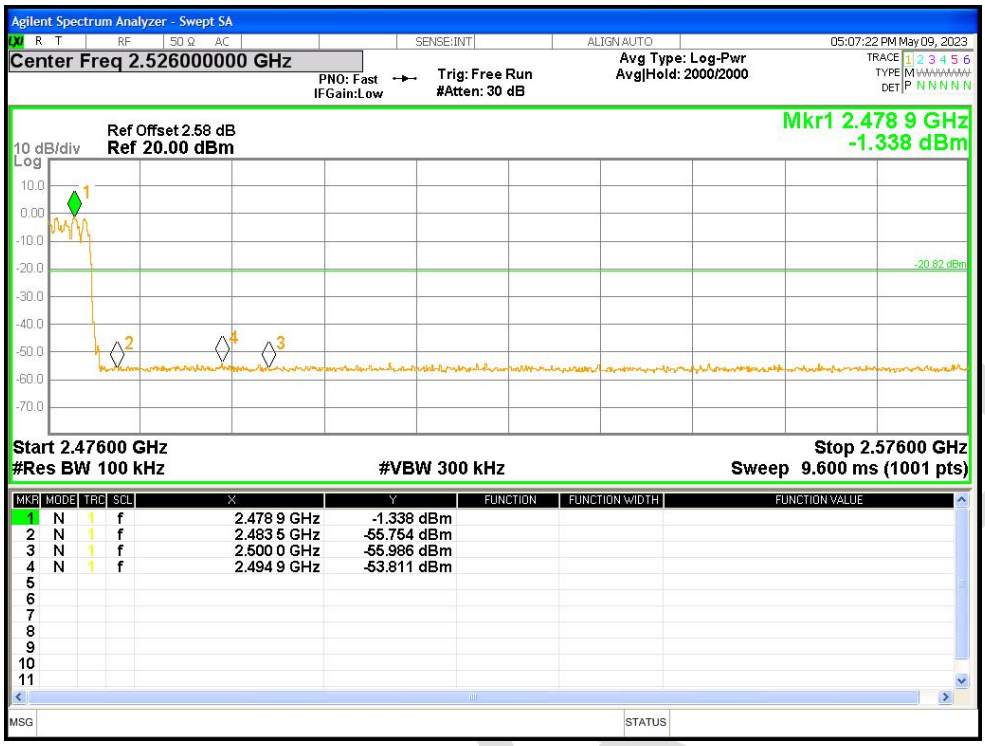
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref

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



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

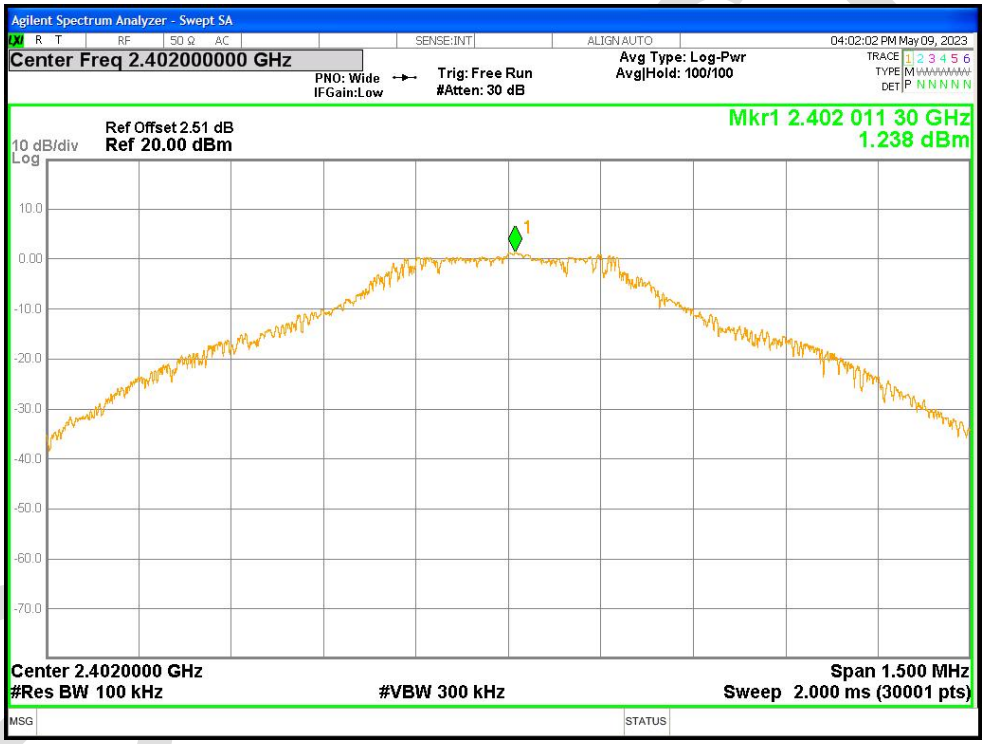
Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.526000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 2000/2000
05:07:22 PM May 09, 2023
Ref Offset 2.58 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.478 9 GHz
-1.338 dBm
-20.82 dBm
Start 2.47600 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.57600 GHz
Sweep 9.600 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 2.478 9 GHz -1.338 dBm
2 N 1 f 2.483 5 GHz -55.754 dBm
3 N 1 f 2.500 0 GHz -55.986 dBm
4 N 1 f 2.494 9 GHz -53.811 dBm
MSG
STATUS

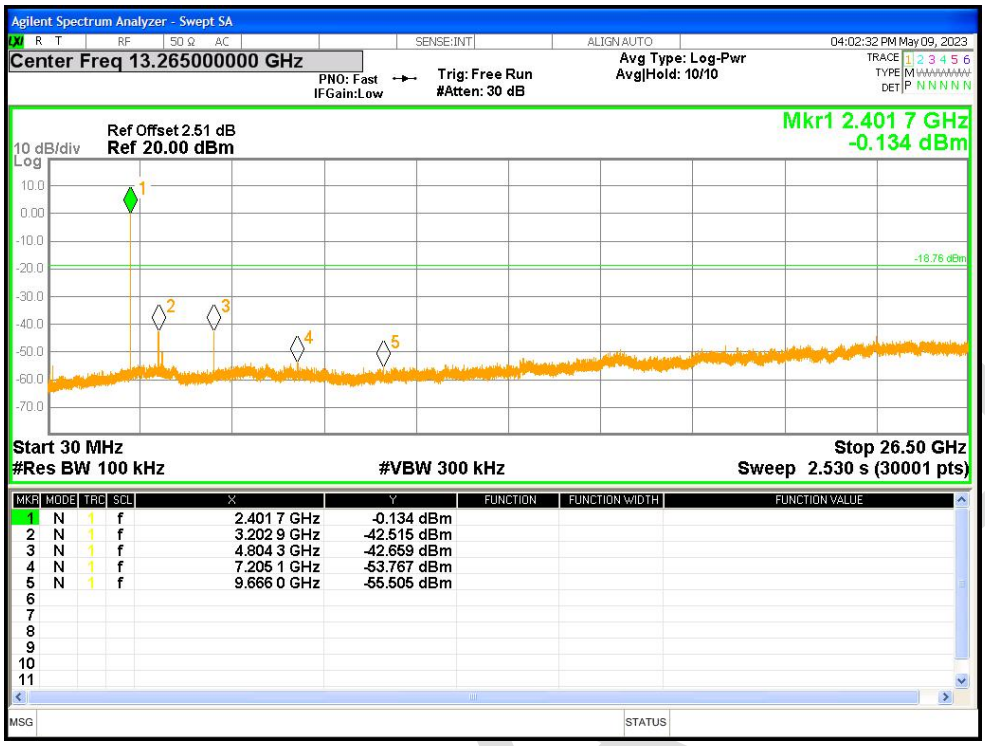
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-43.75	-20	Pass
NVNT	1-DH1	2441	Ant1	-39.4	-20	Pass
NVNT	1-DH1	2480	Ant1	-40.68	-20	Pass
NVNT	2-DH1	2402	Ant1	-39.67	-20	Pass
NVNT	2-DH1	2441	Ant1	-39.91	-20	Pass
NVNT	2-DH1	2480	Ant1	-40.67	-20	Pass
NVNT	3-DH1	2402	Ant1	-39.99	-20	Pass
NVNT	3-DH1	2441	Ant1	-39.34	-20	Pass
NVNT	3-DH1	2480	Ant1	-40.6	-20	Pass

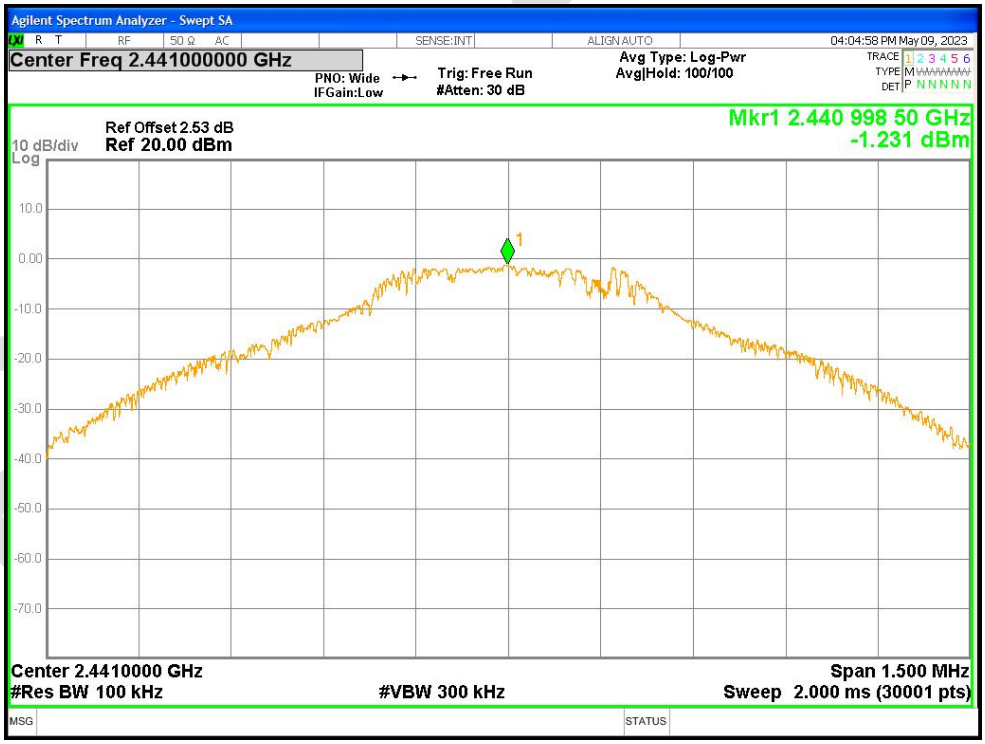
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



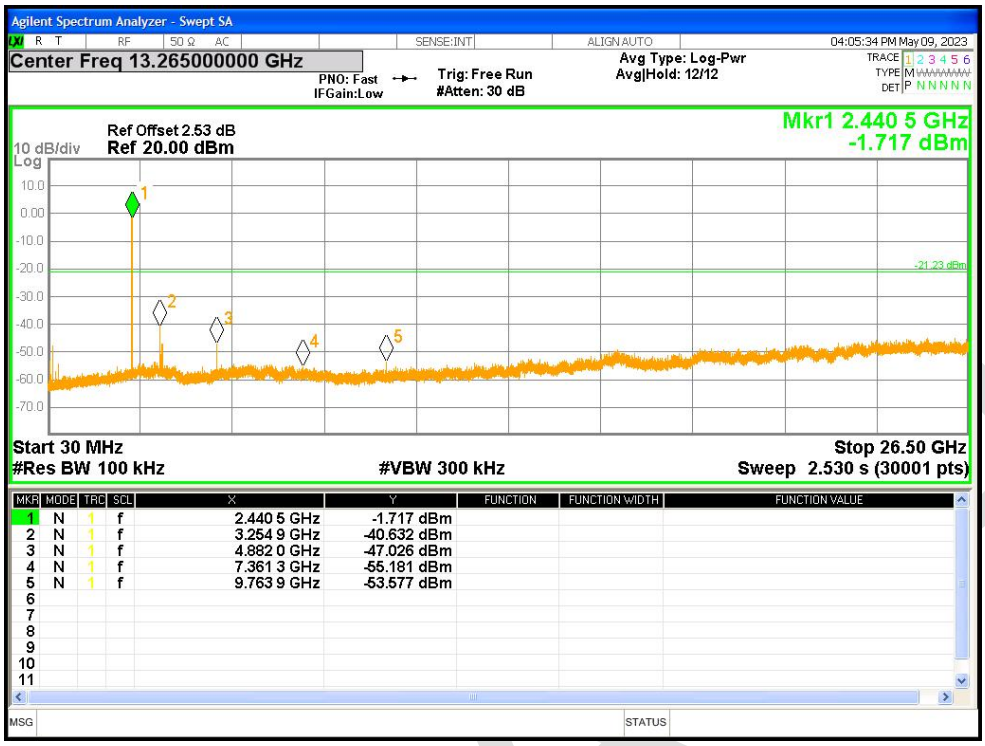
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



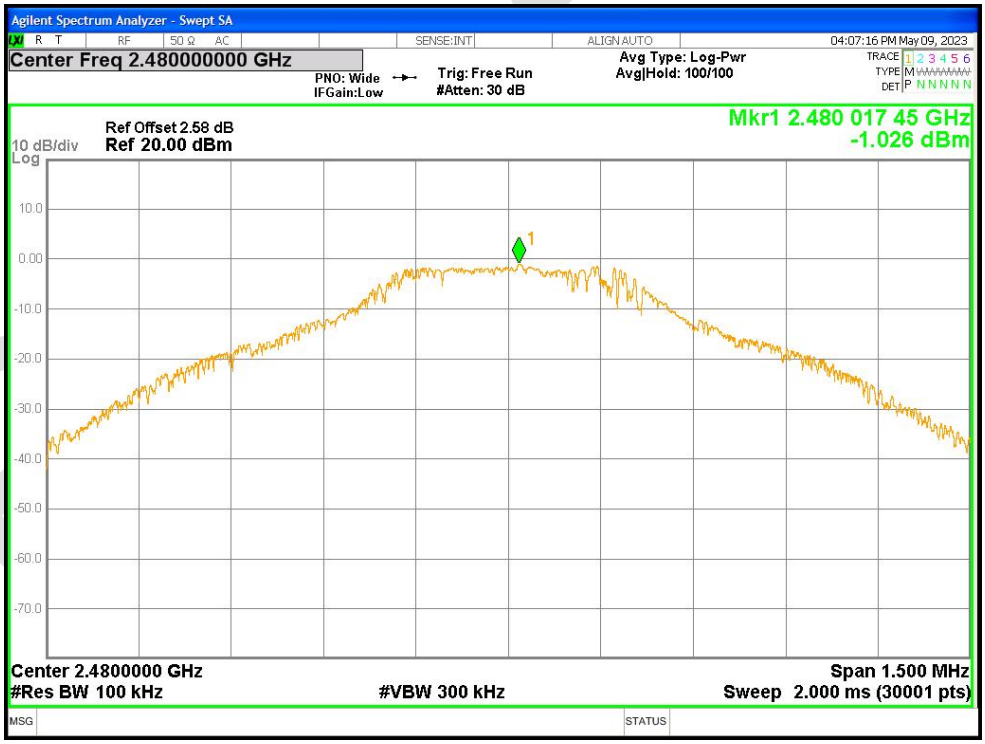
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



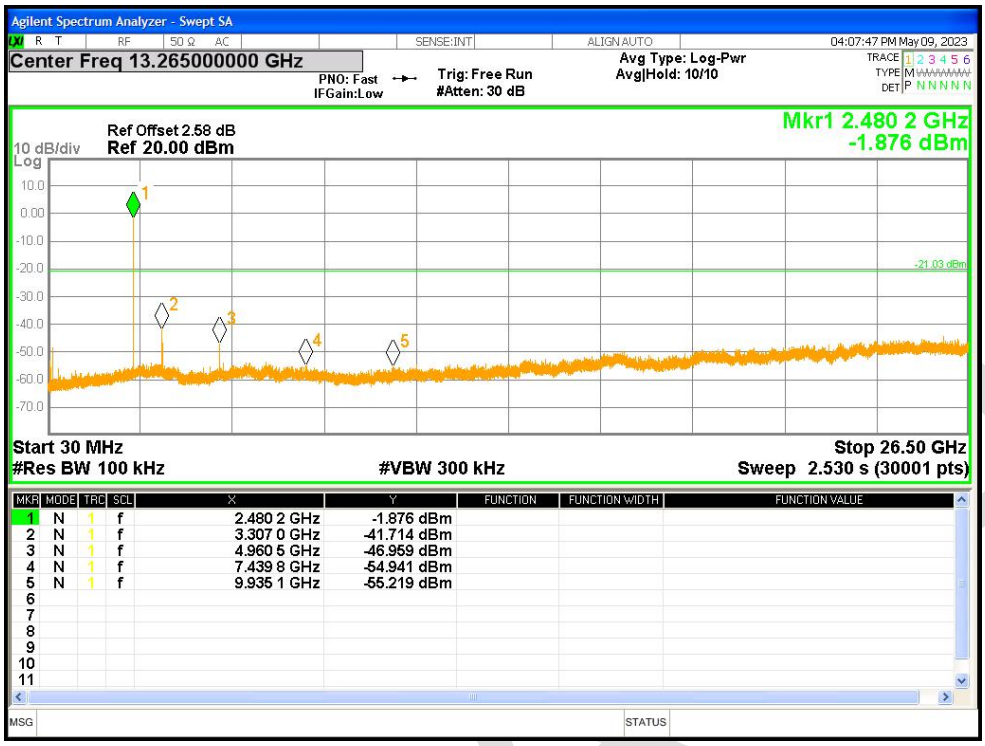
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



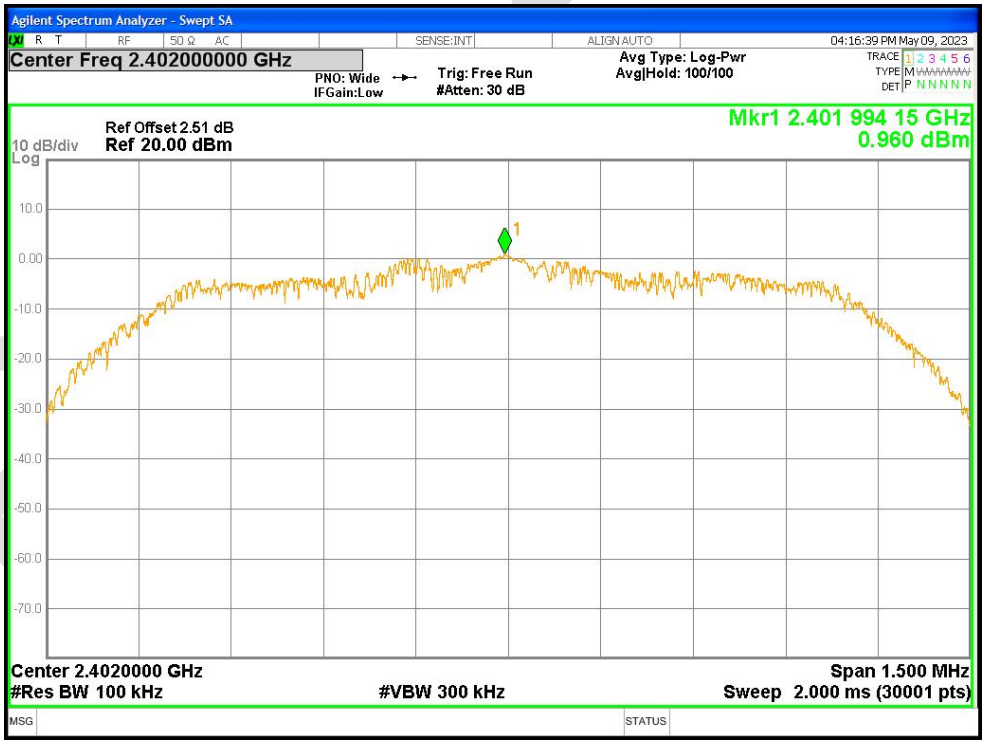
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



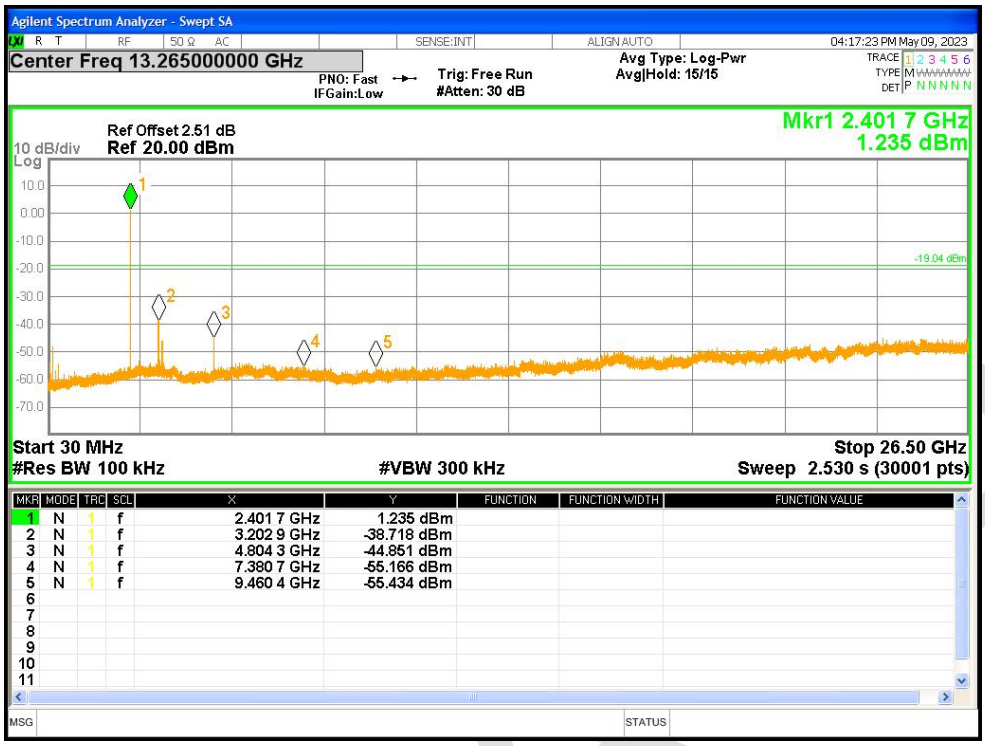
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



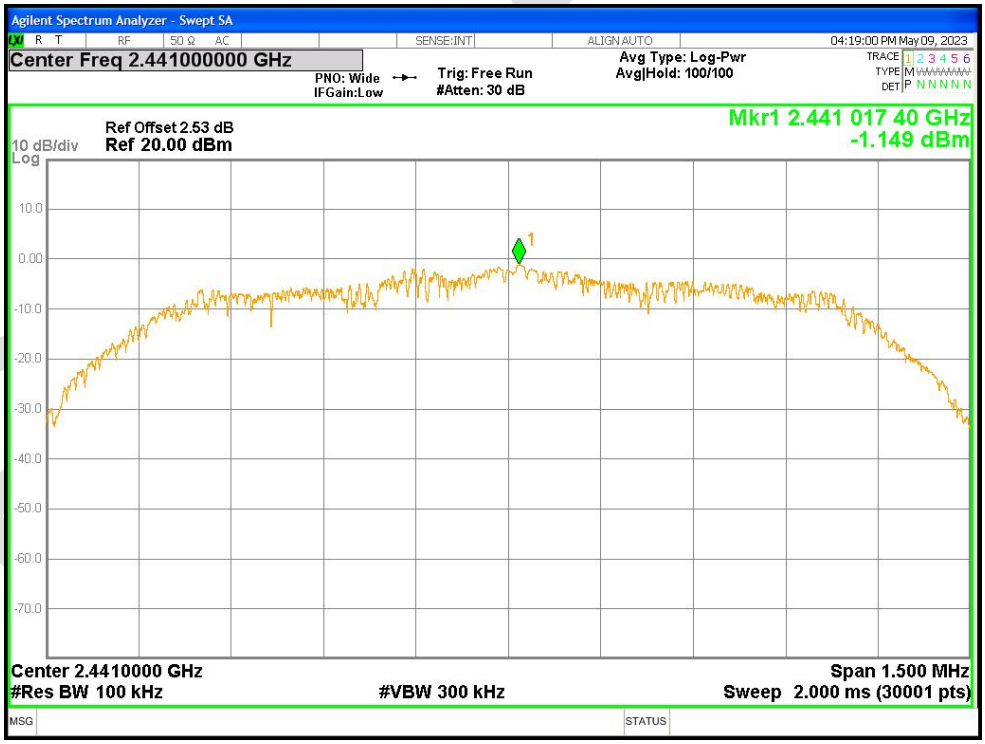
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



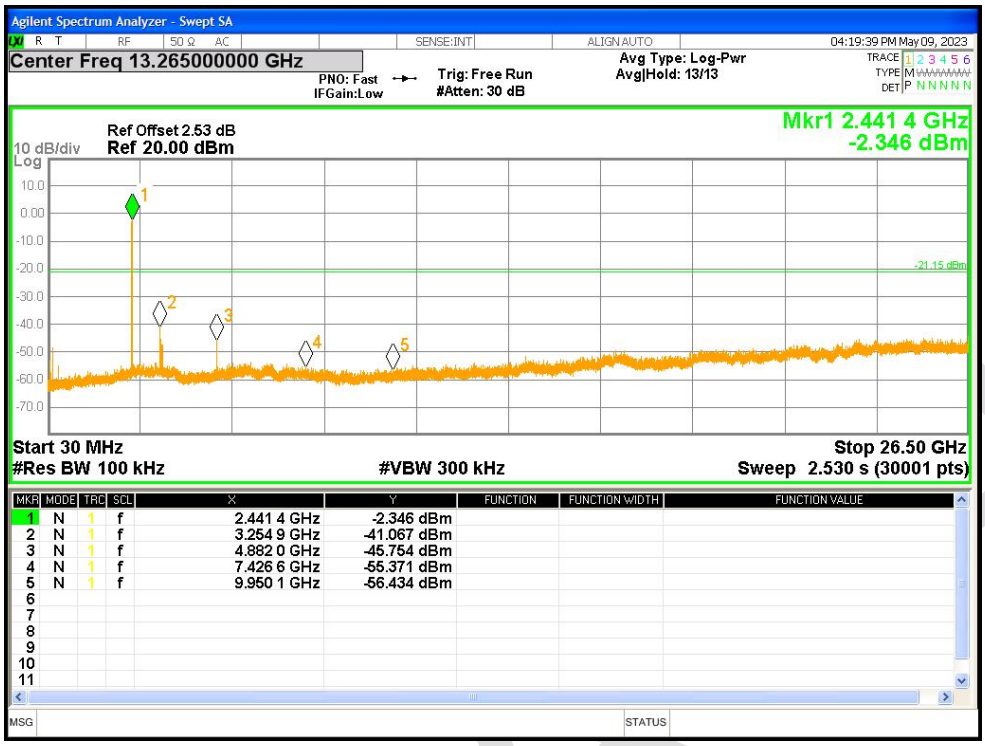
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



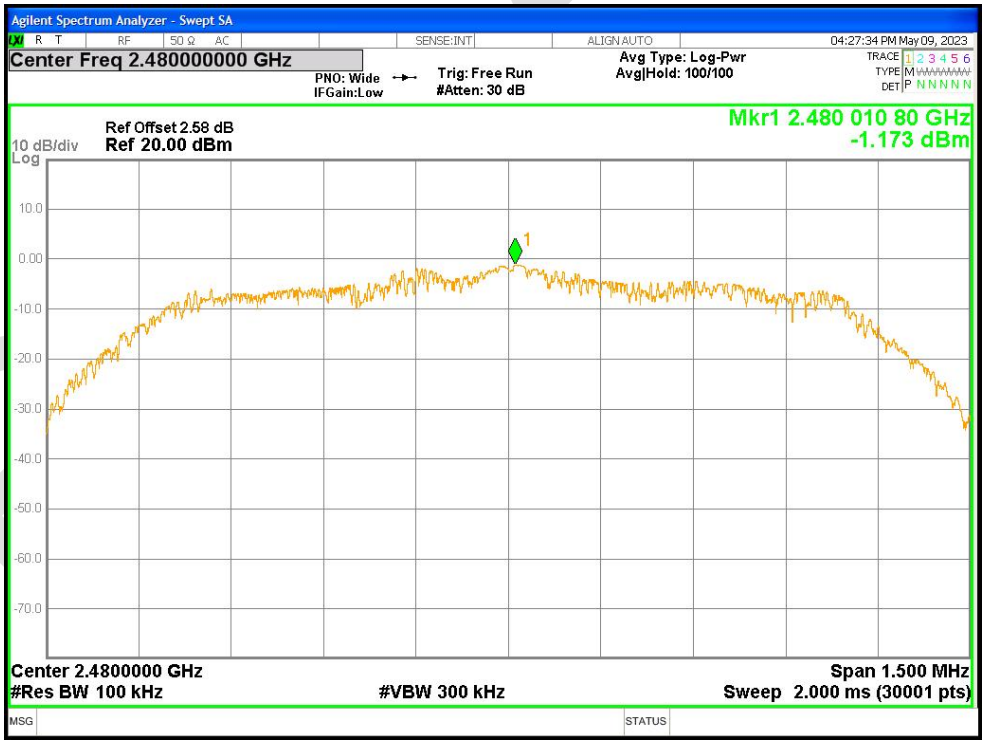
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission