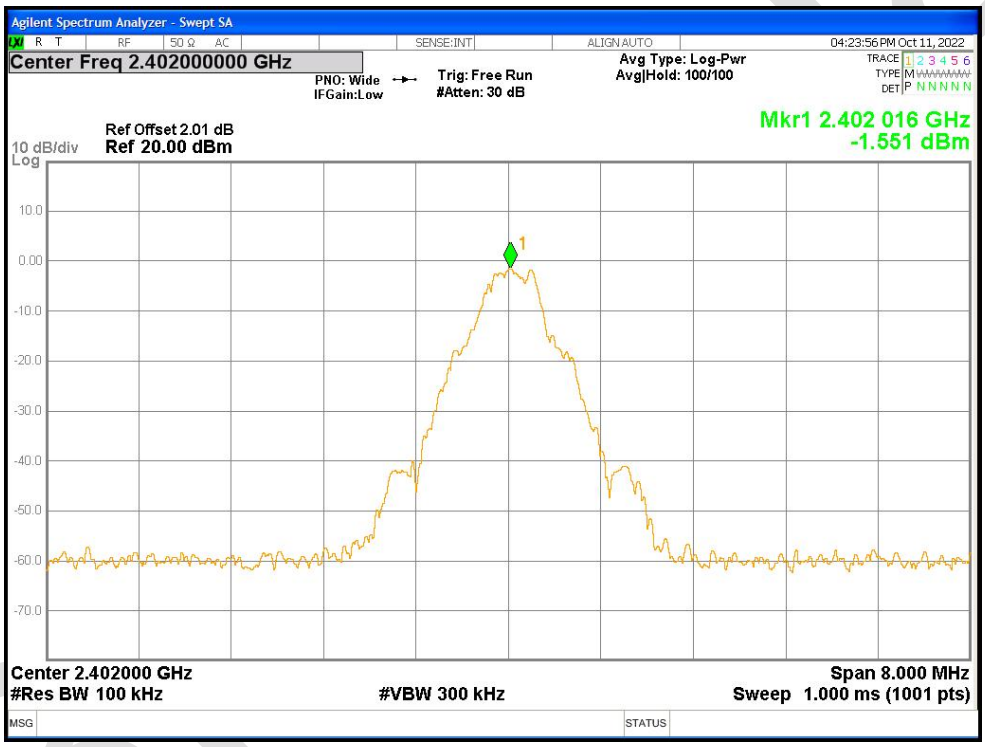
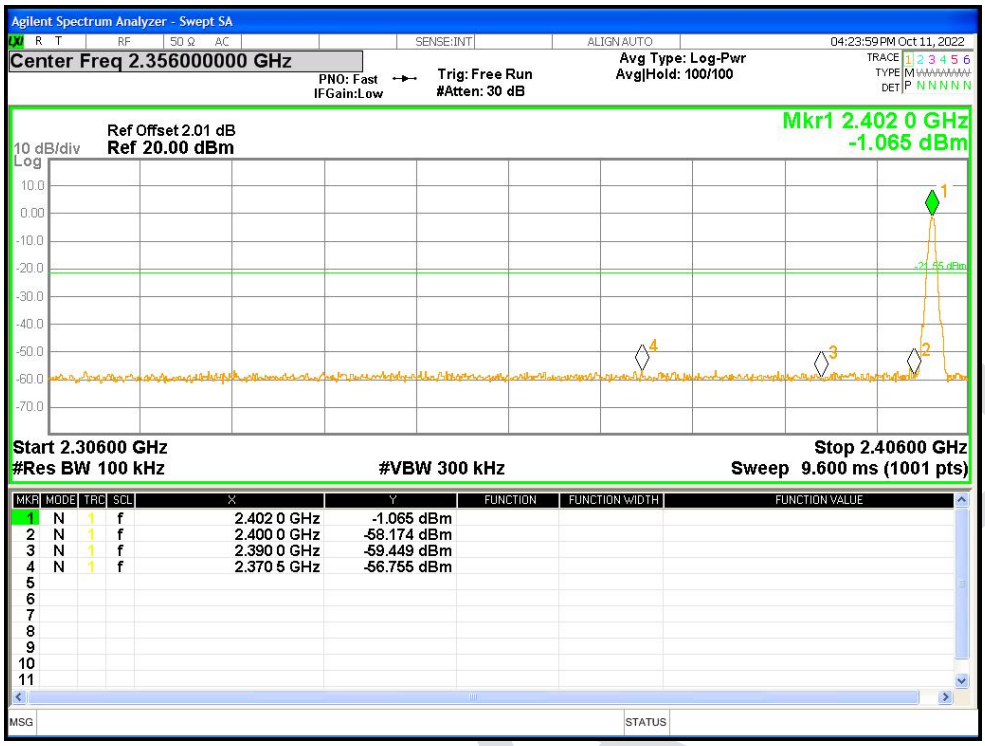
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-55.2	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-58.05	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-57.12	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-57.25	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-57.69	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-57.11	-20	Pass

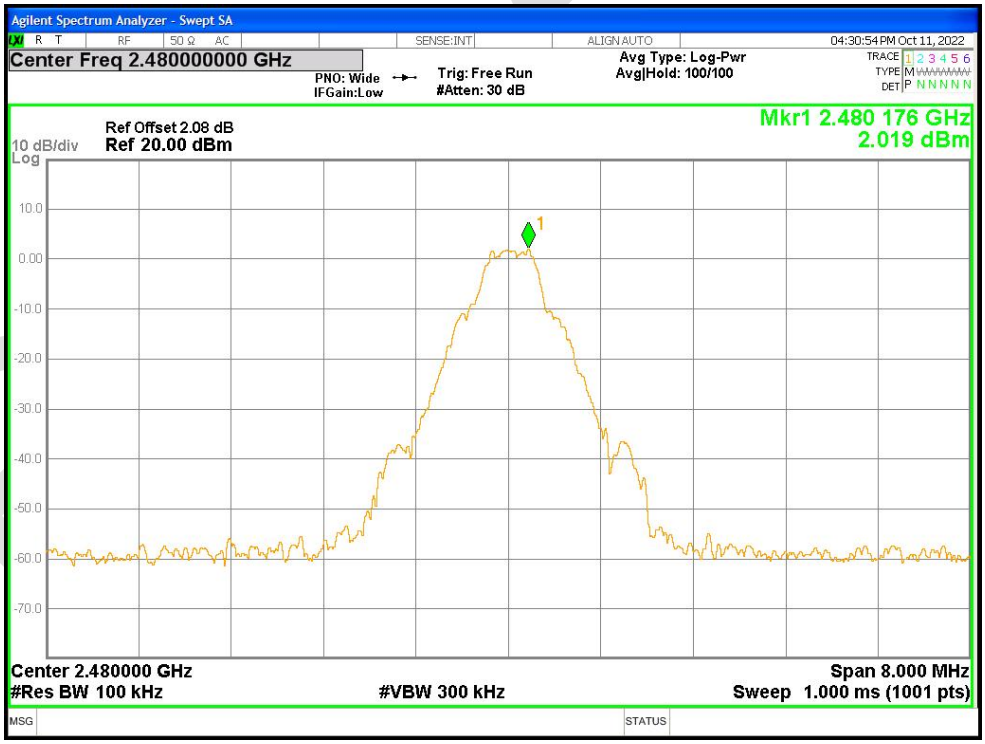
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



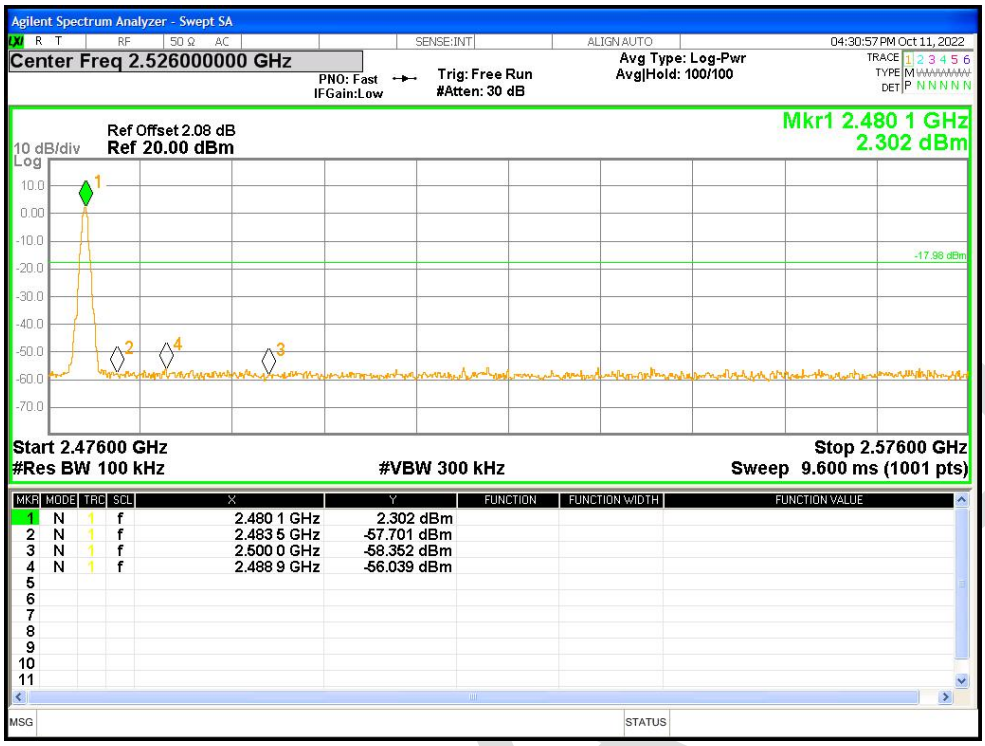
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



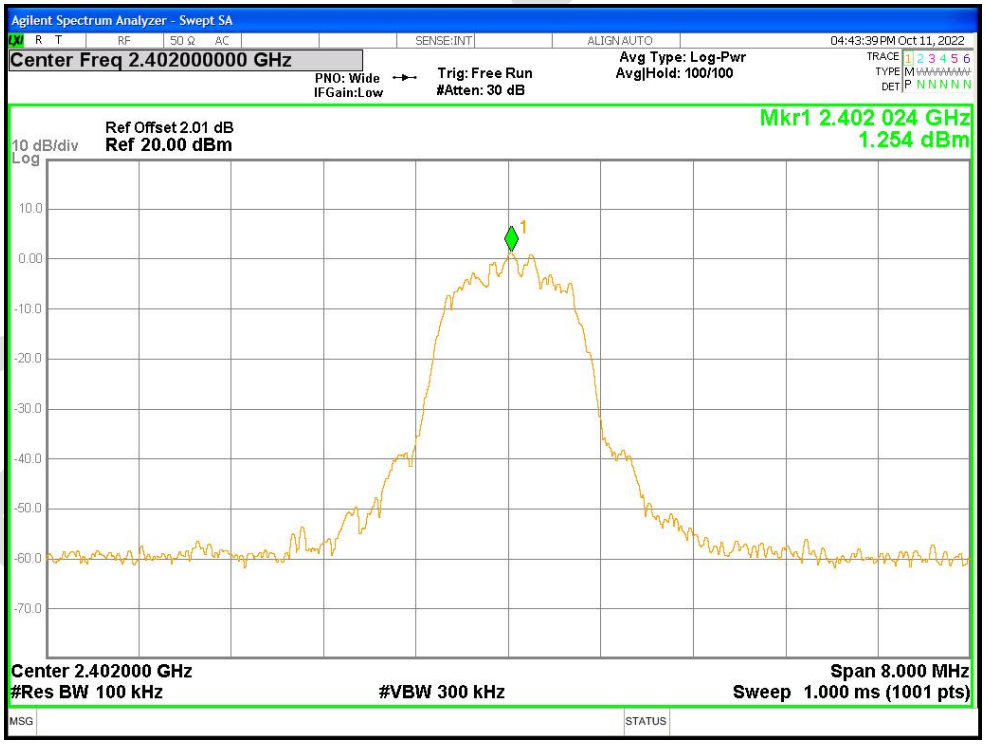
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



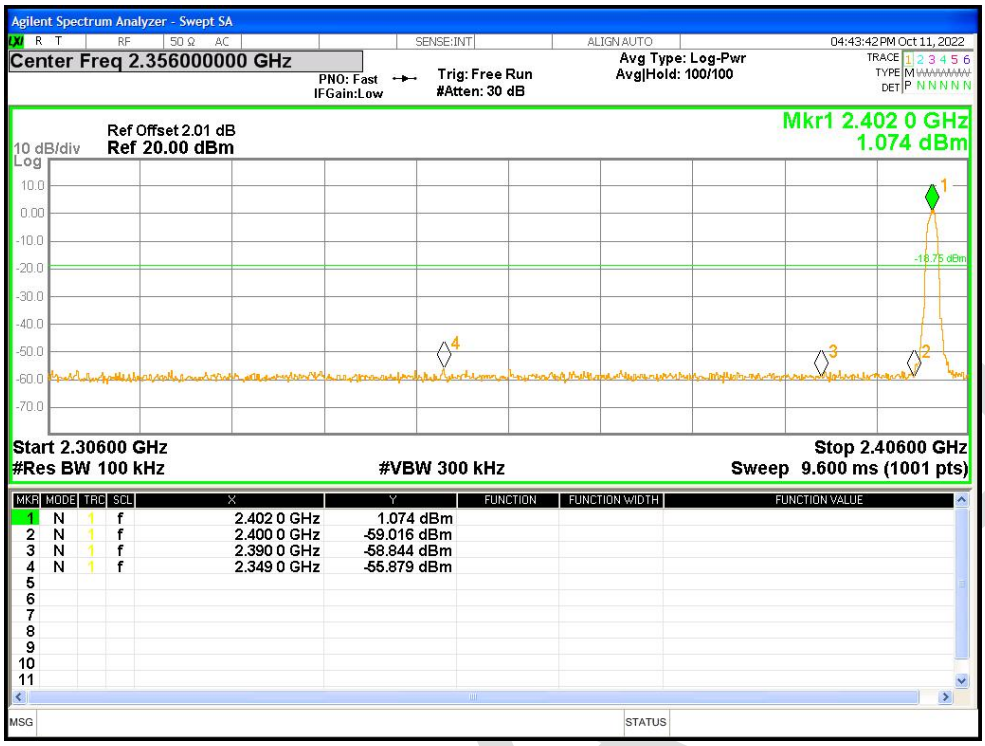
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



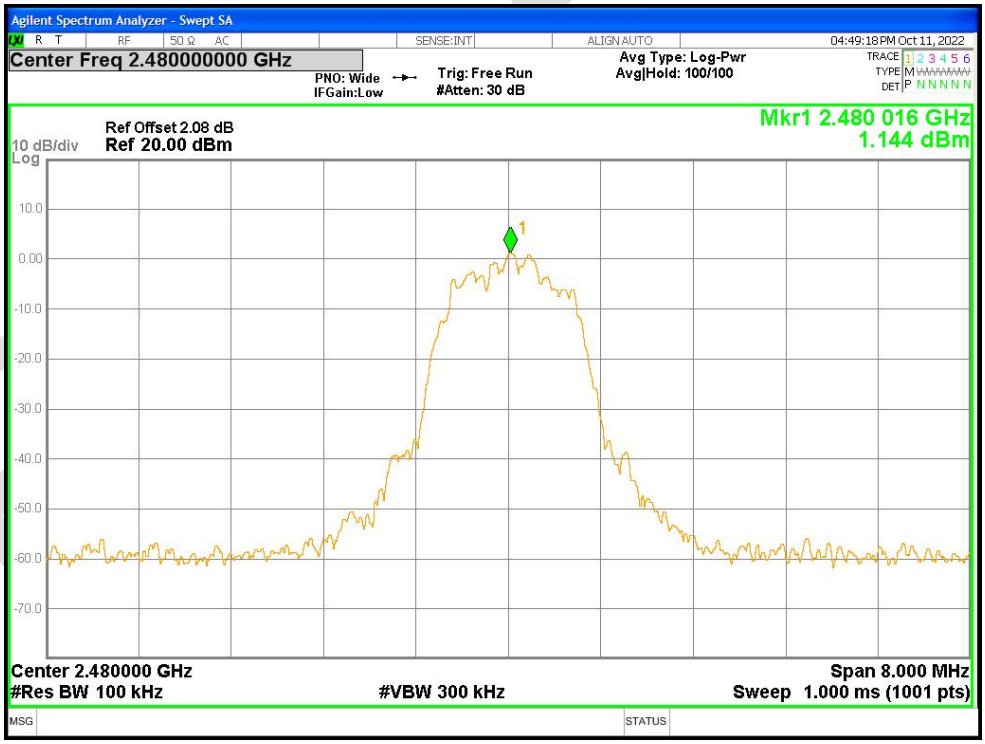
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



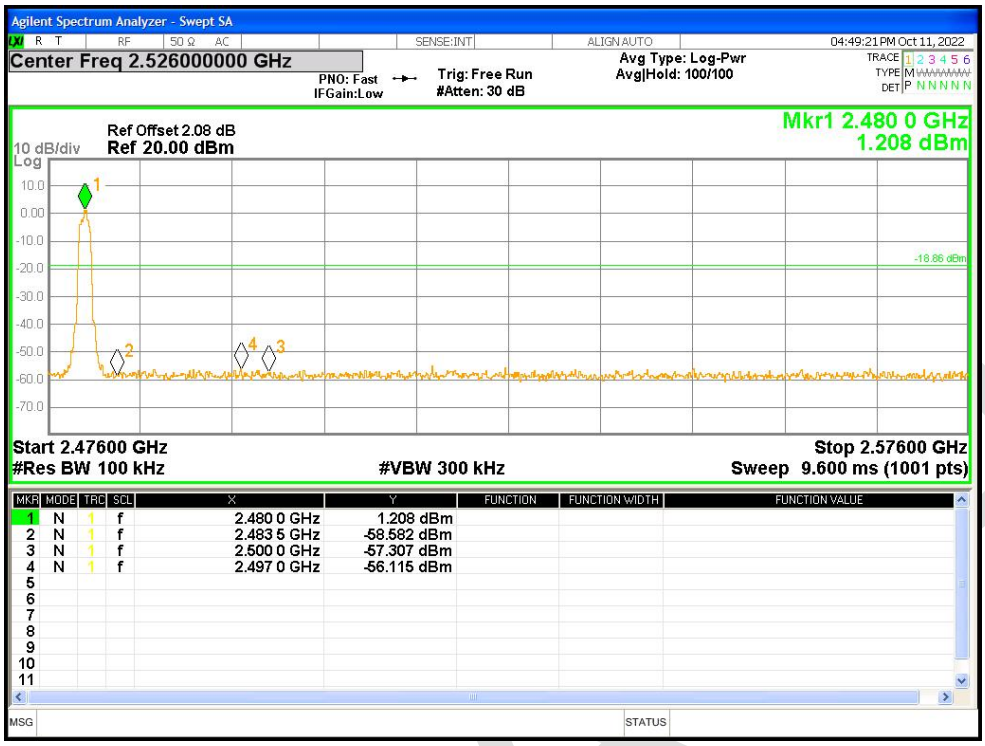
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



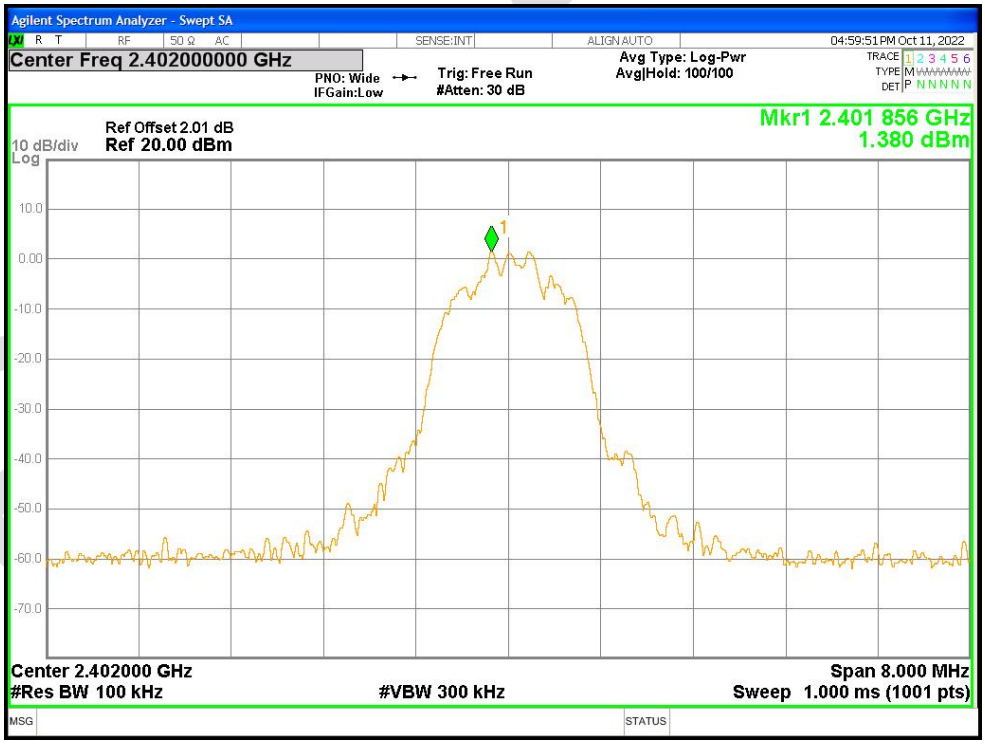
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



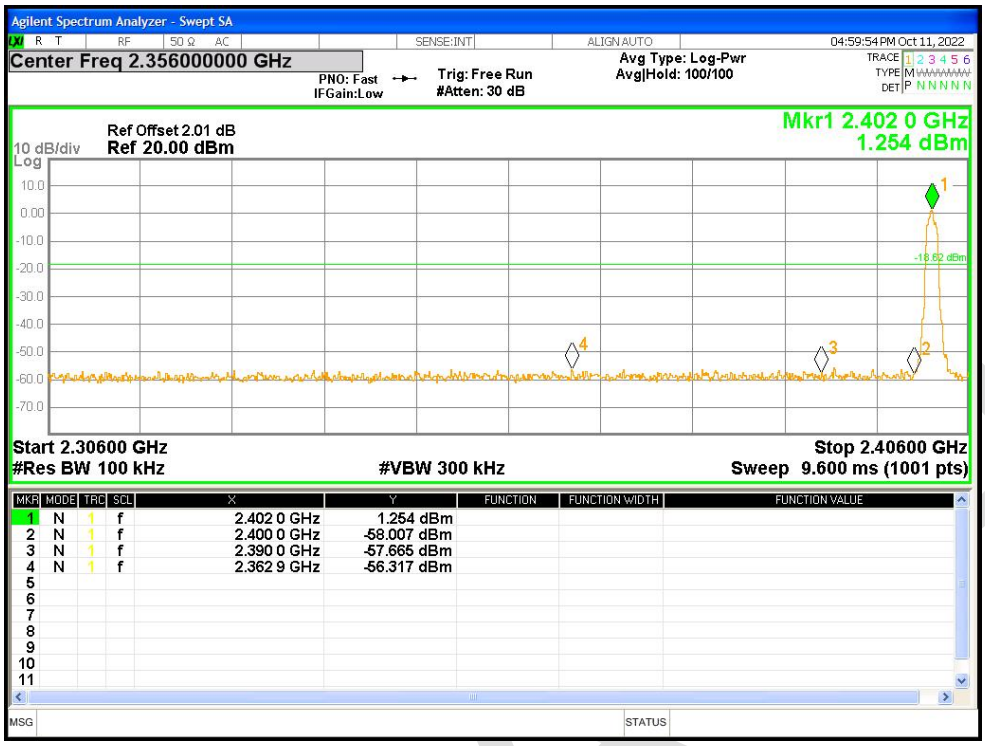
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



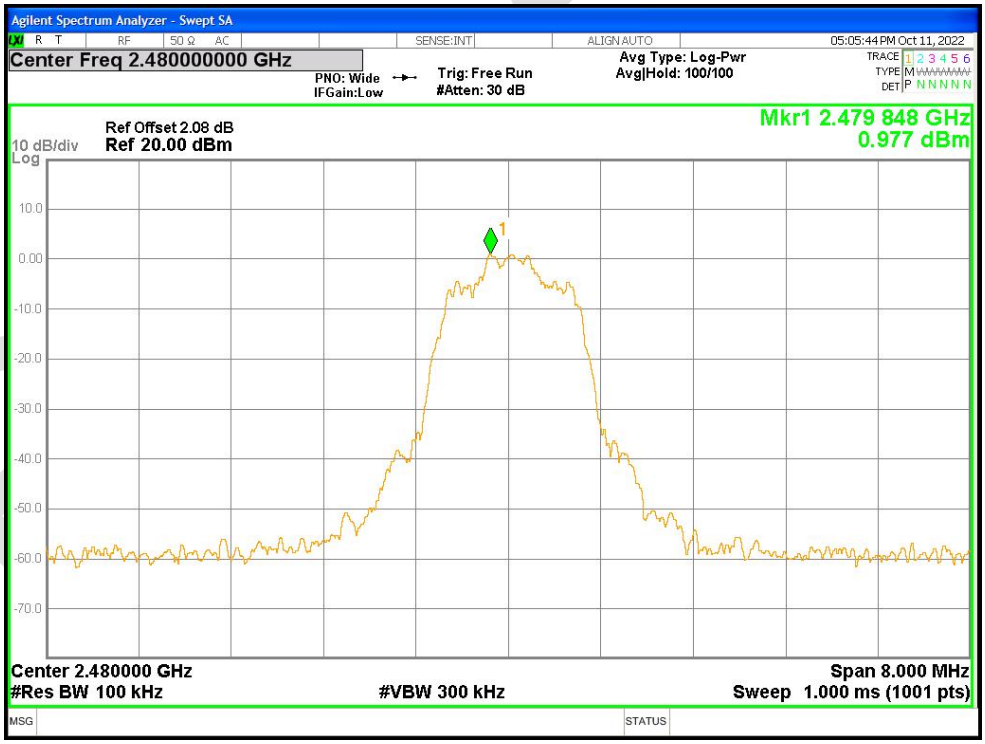
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



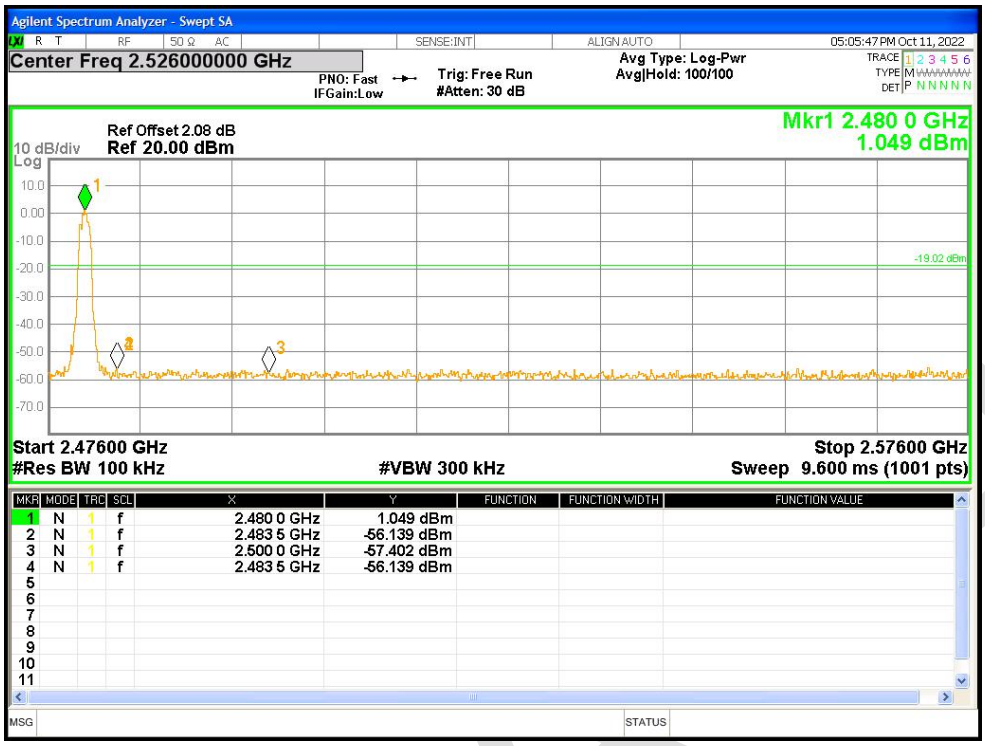
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



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



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

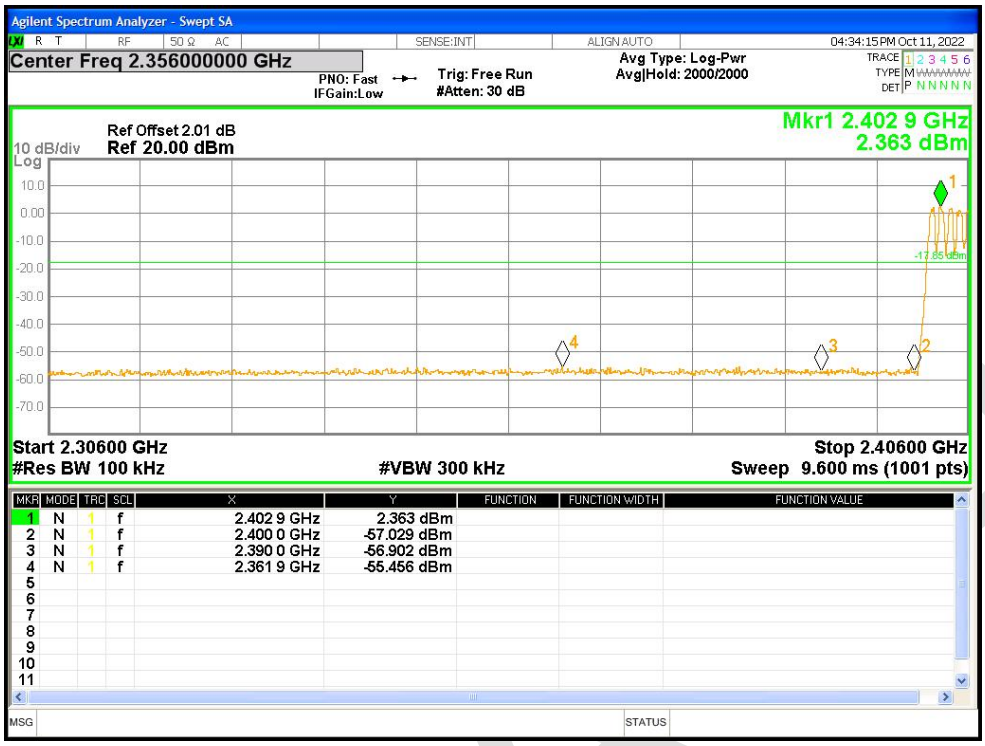

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.526000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
05:05:47 PM Oct 11, 2022
Ref Offset 2.08 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.480 0 GHz
1.049 dBm
-19.02 dBm
Start 2.47600 GHz
#Res BW 100 kHz
#VBW 300 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 1.049 dBm
2 N 1 f 2.483 5 GHz -56.139 dBm
3 N 1 f 2.500 0 GHz -57.402 dBm
4 N 1 f 2.483 5 GHz -56.139 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	-57.6	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-57.46	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-58.44	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-57.78	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-57.74	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-57.92	-20	Pass

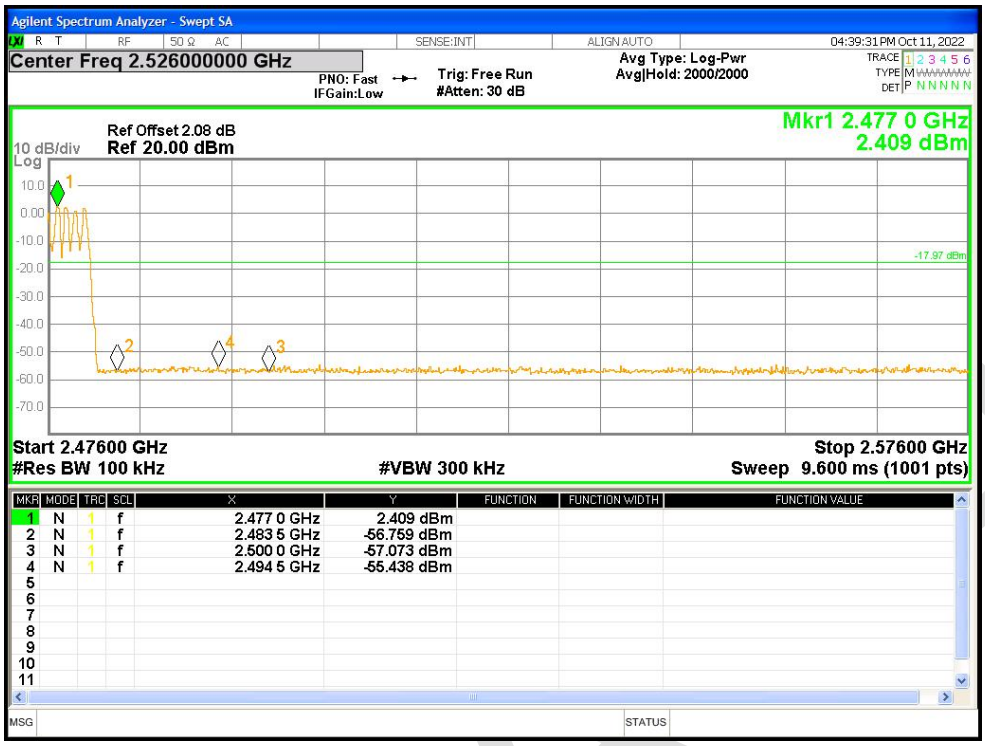
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref

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

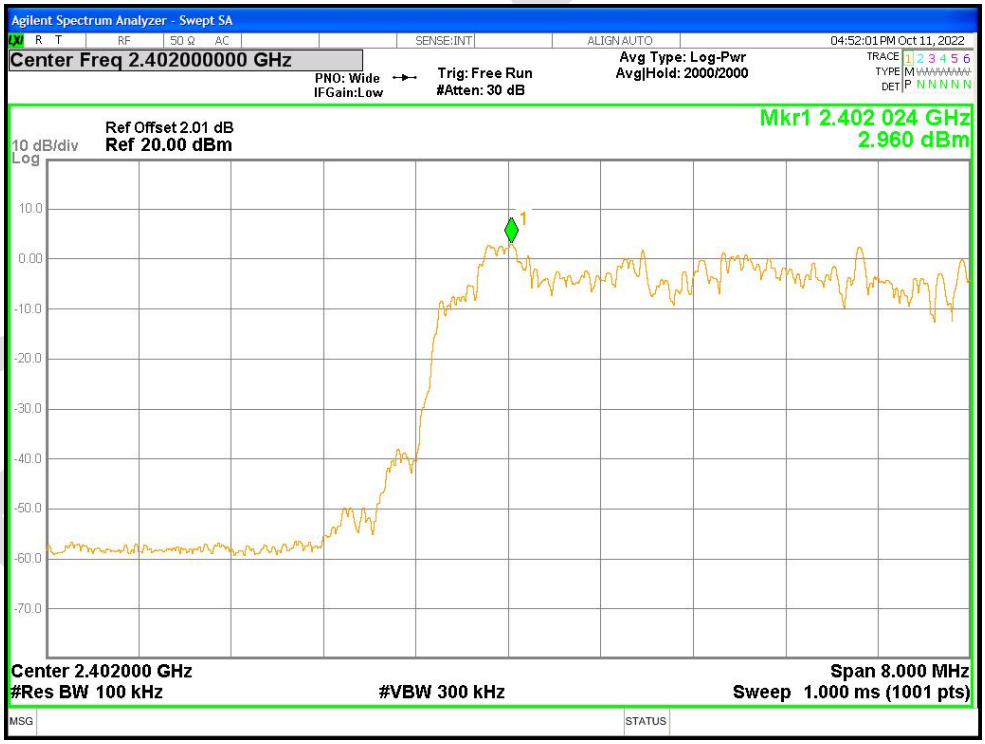


Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref

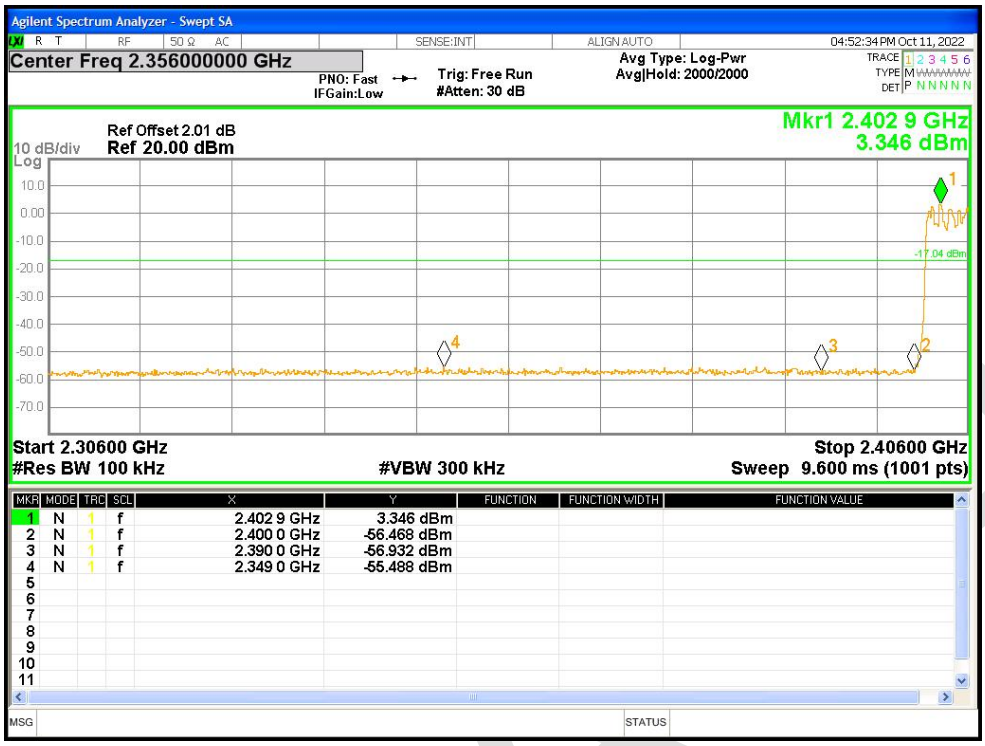
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



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

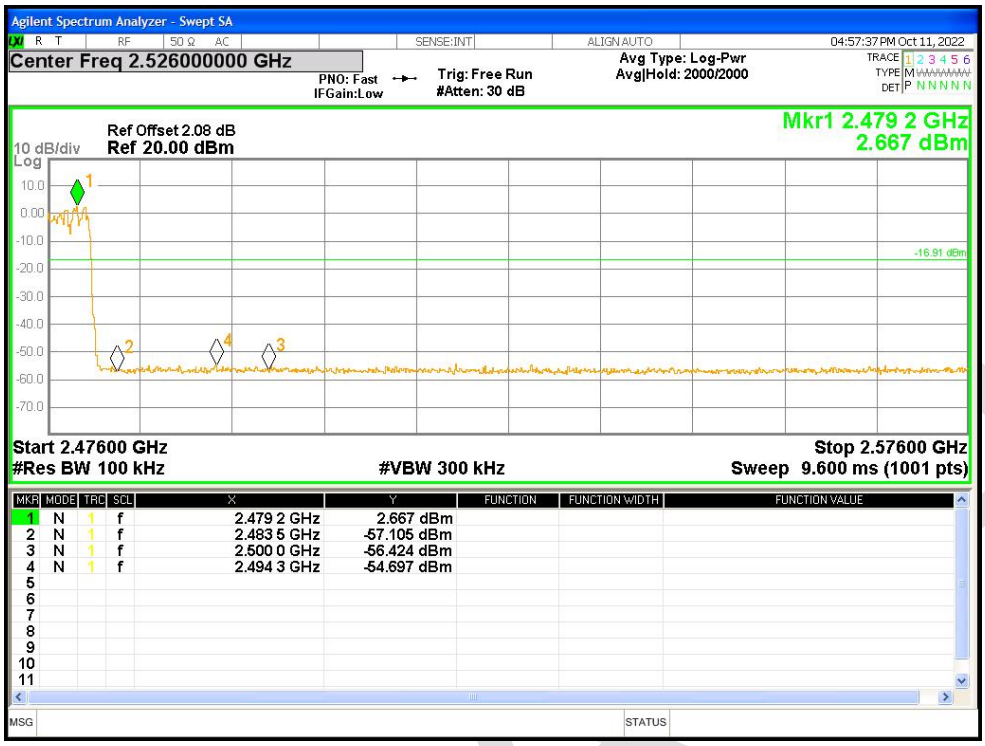


Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission

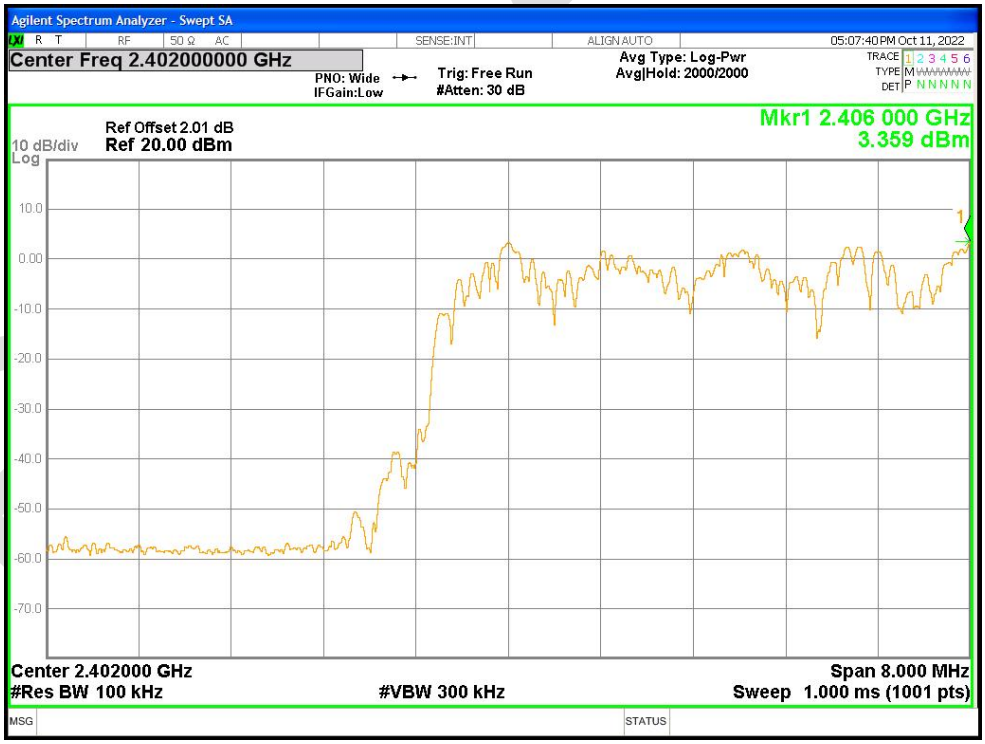


Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref

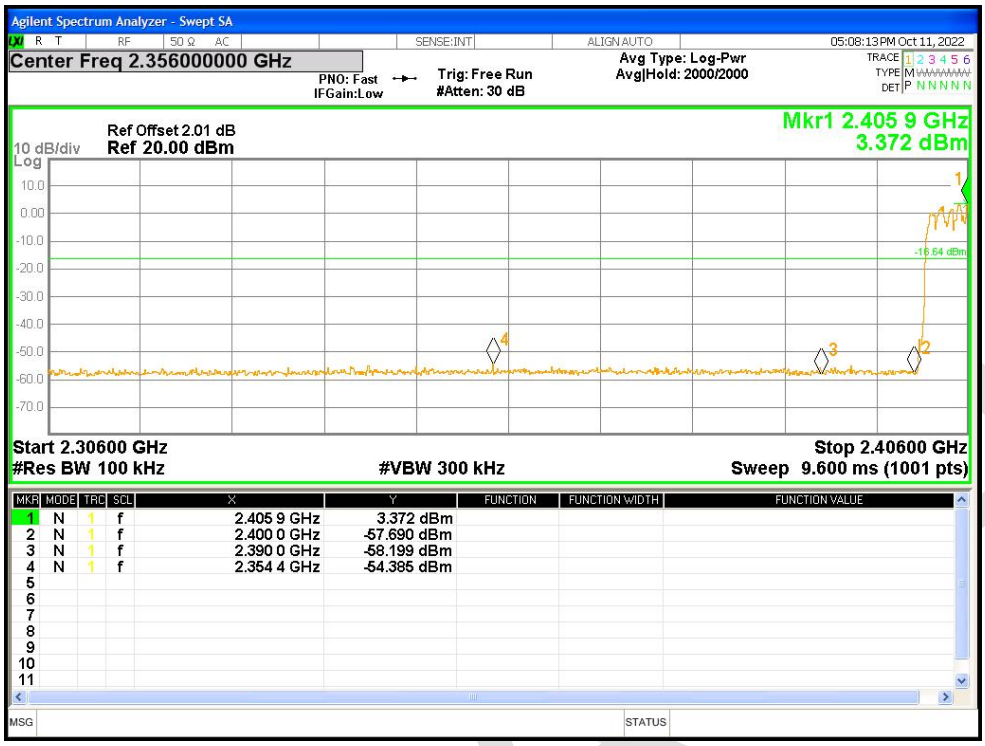
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission



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

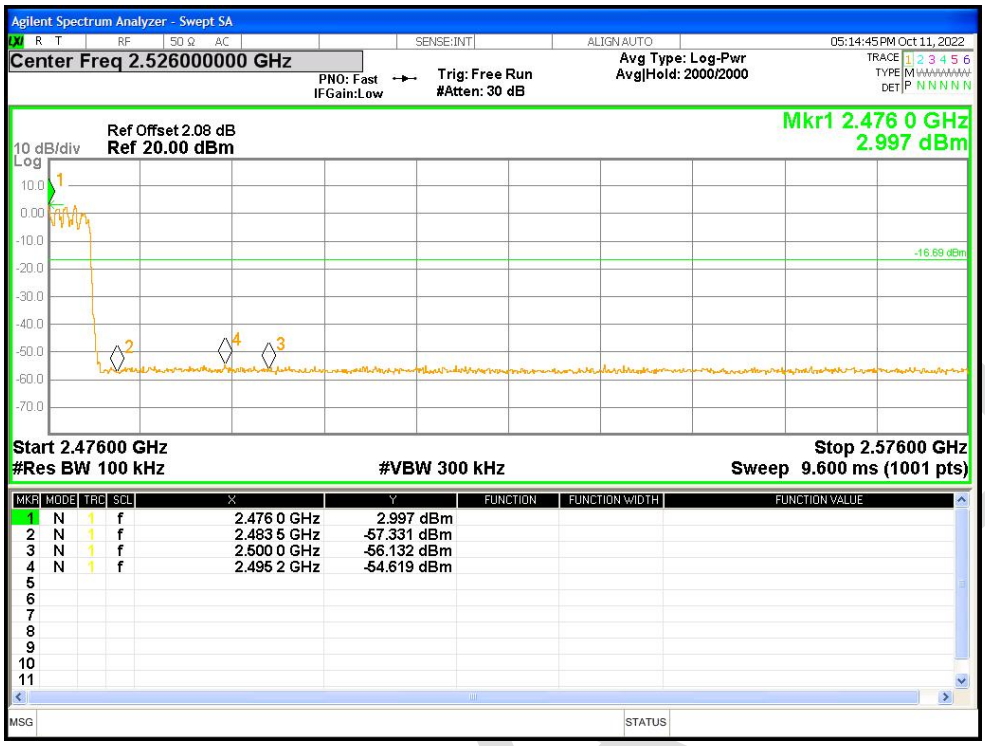


Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



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

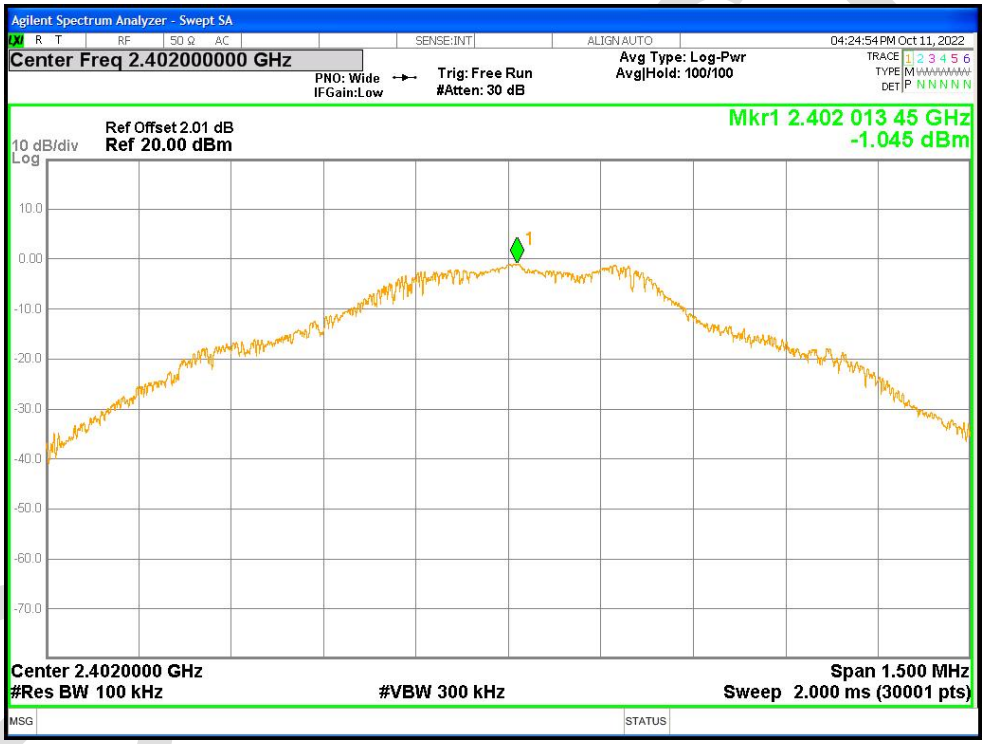
Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission


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
05:14:45 PM Oct 11, 2022
Ref Offset 2.08 dB
10 dB/div
Ref 20.00 dBm
Mkr1 2.476 0 GHz
2.997 dBm
-16.69 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 2.476 0 GHz 2.997 dBm
2 N 1 f 2.483 5 GHz -57.331 dBm
3 N 1 f 2.500 0 GHz -56.132 dBm
4 N 1 f 2.495 2 GHz -54.619 dBm
MSG
STATUS

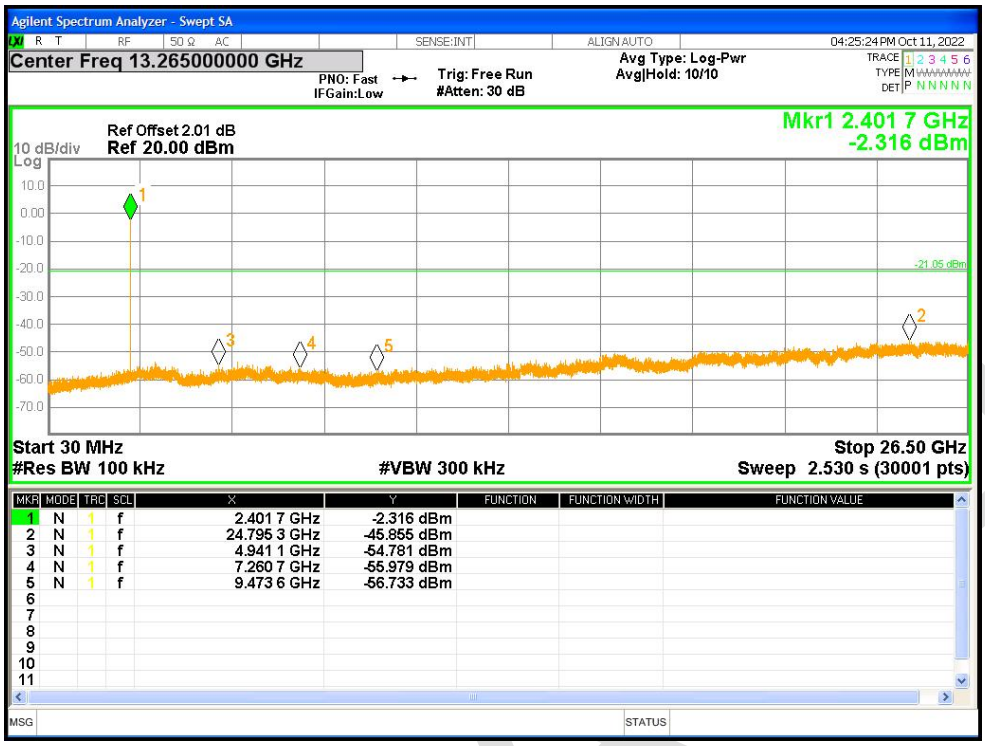
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-44.81	-20	Pass
NVNT	1-DH1	2441	Ant1	-46.61	-20	Pass
NVNT	1-DH1	2480	Ant1	-47.75	-20	Pass
NVNT	2-DH1	2402	Ant1	-47.2	-20	Pass
NVNT	2-DH1	2441	Ant1	-45.96	-20	Pass
NVNT	2-DH1	2480	Ant1	-47.18	-20	Pass
NVNT	3-DH1	2402	Ant1	-46.21	-20	Pass
NVNT	3-DH1	2441	Ant1	-46.29	-20	Pass
NVNT	3-DH1	2480	Ant1	-46.49	-20	Pass

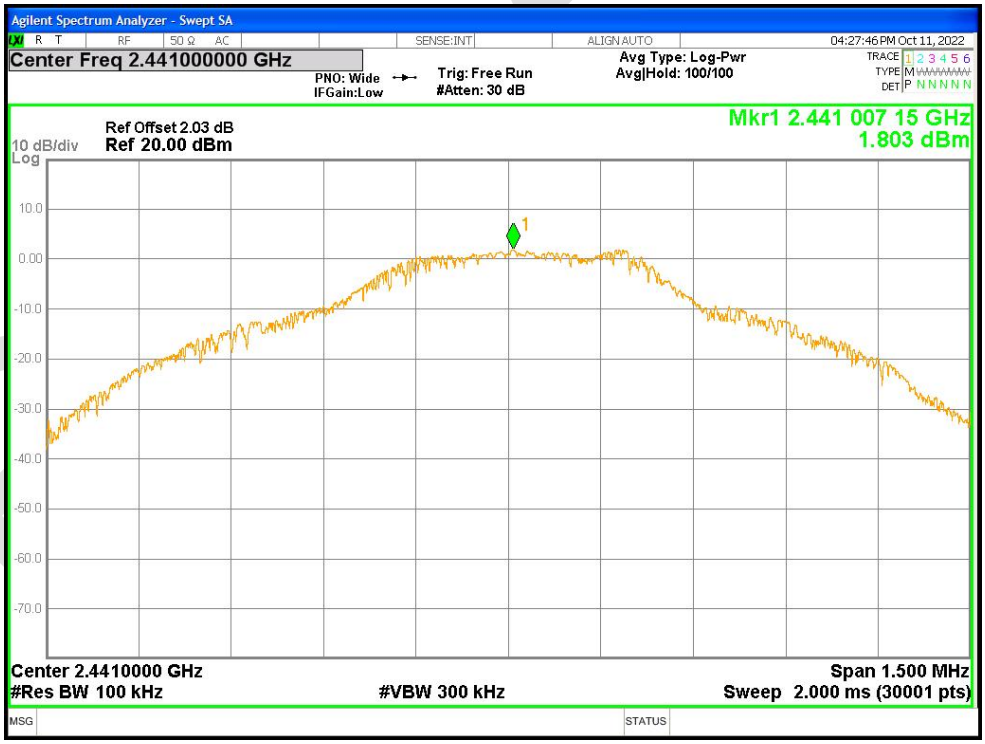
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



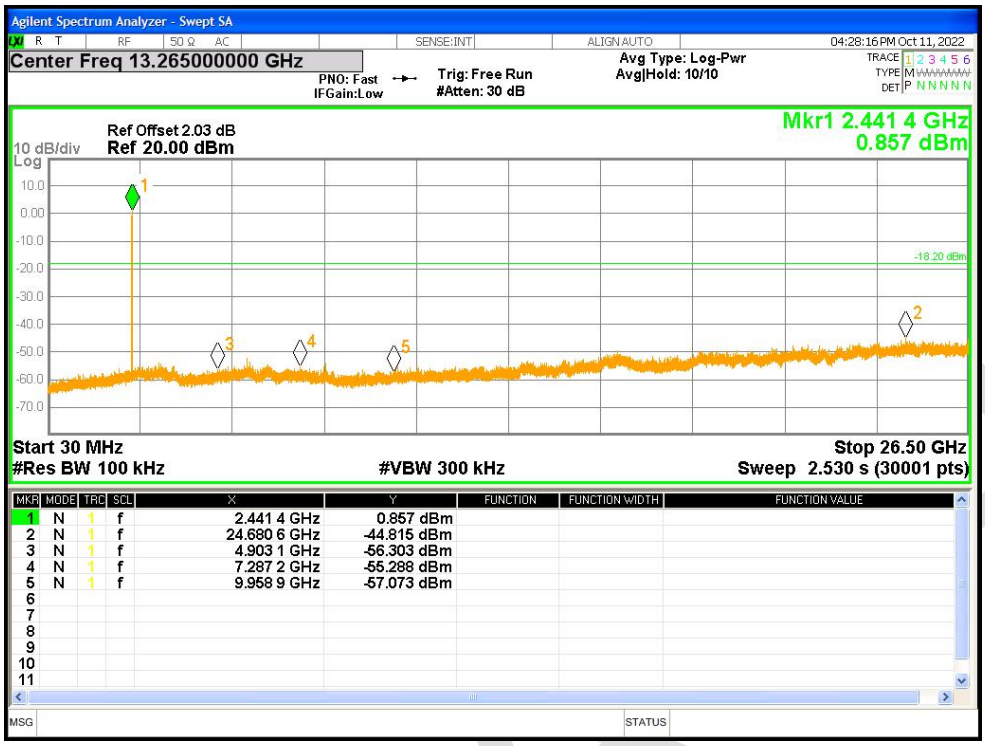
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



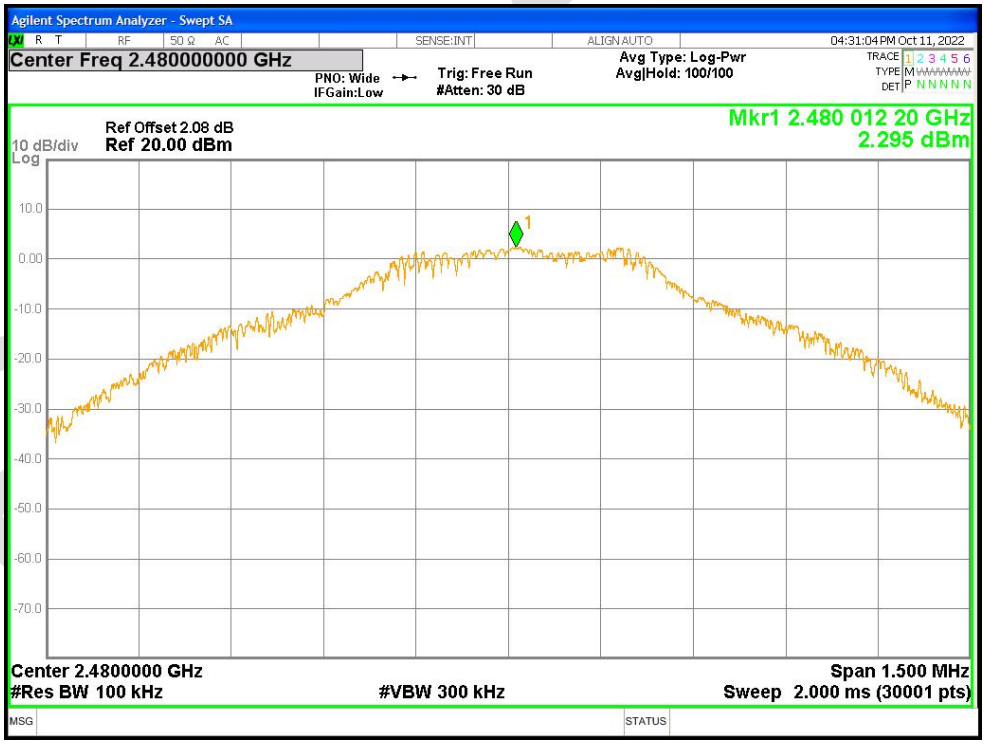
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



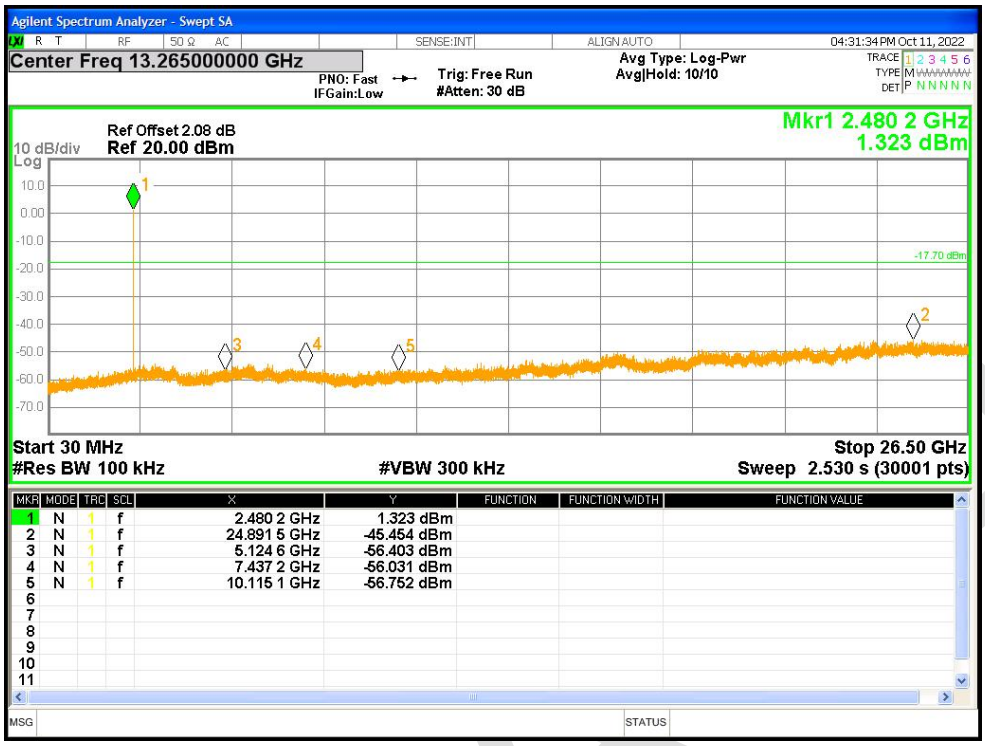
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



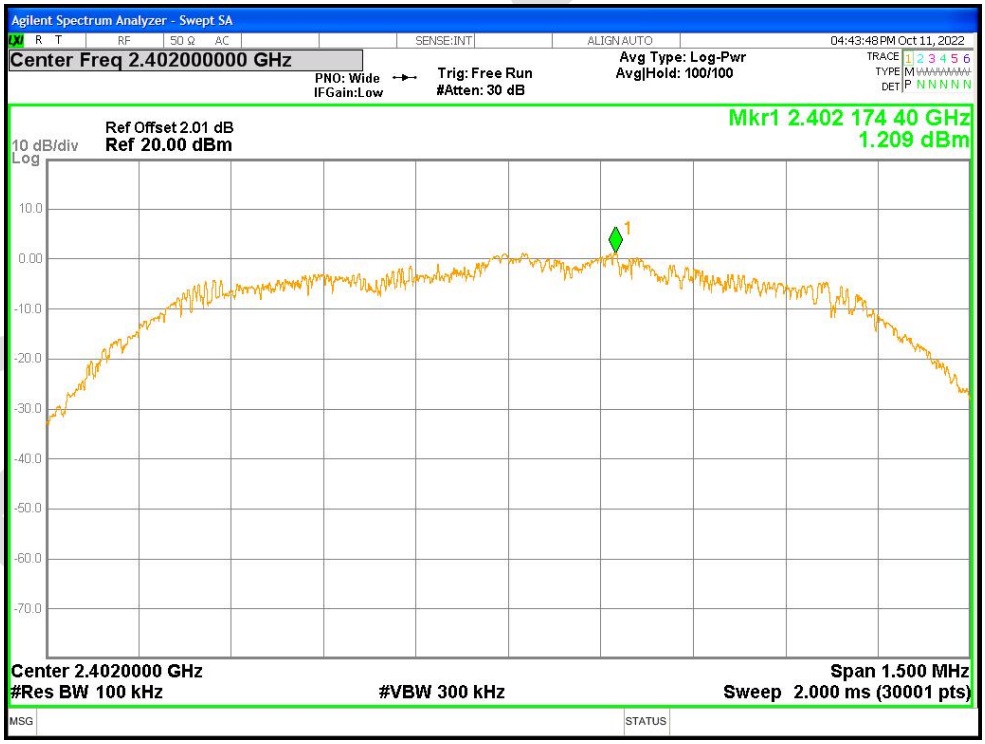
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



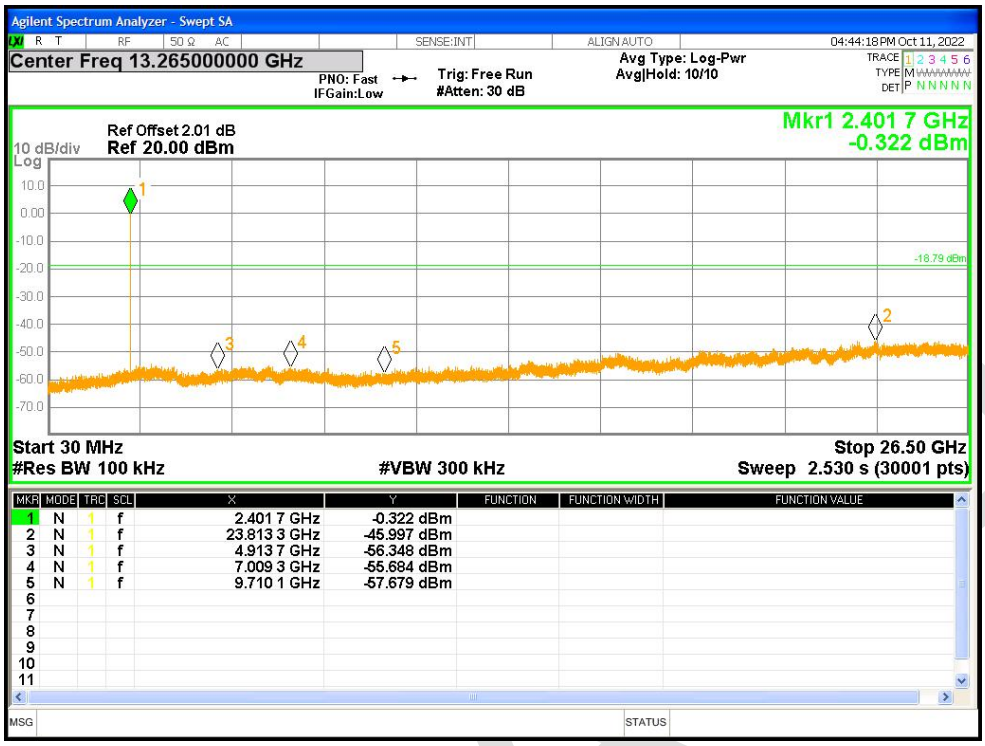
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



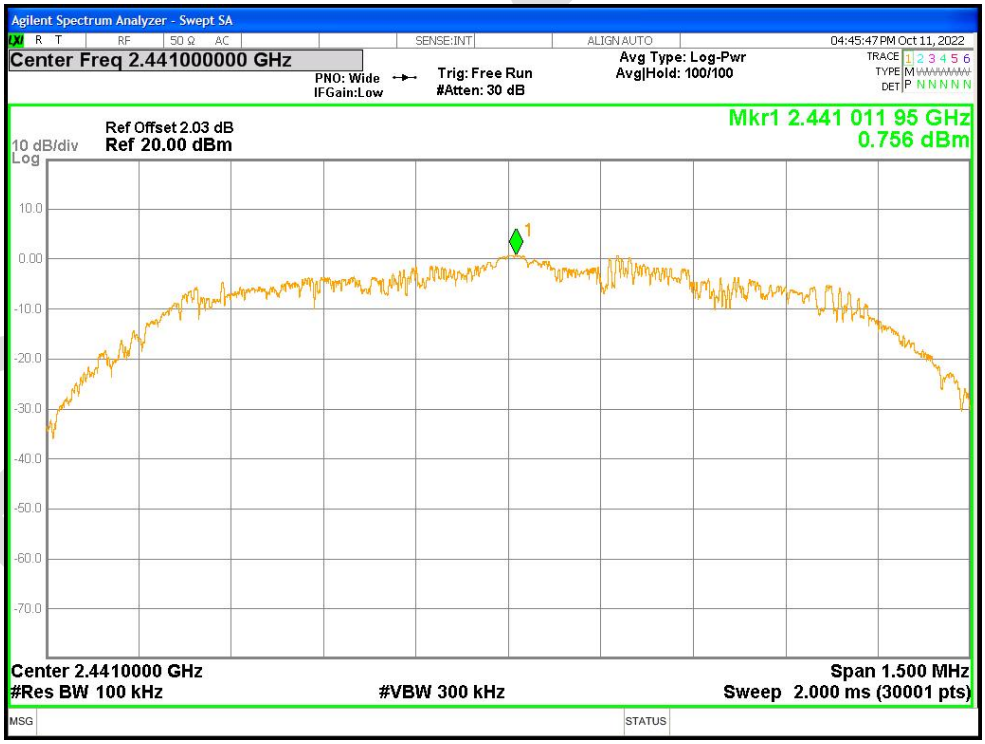
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



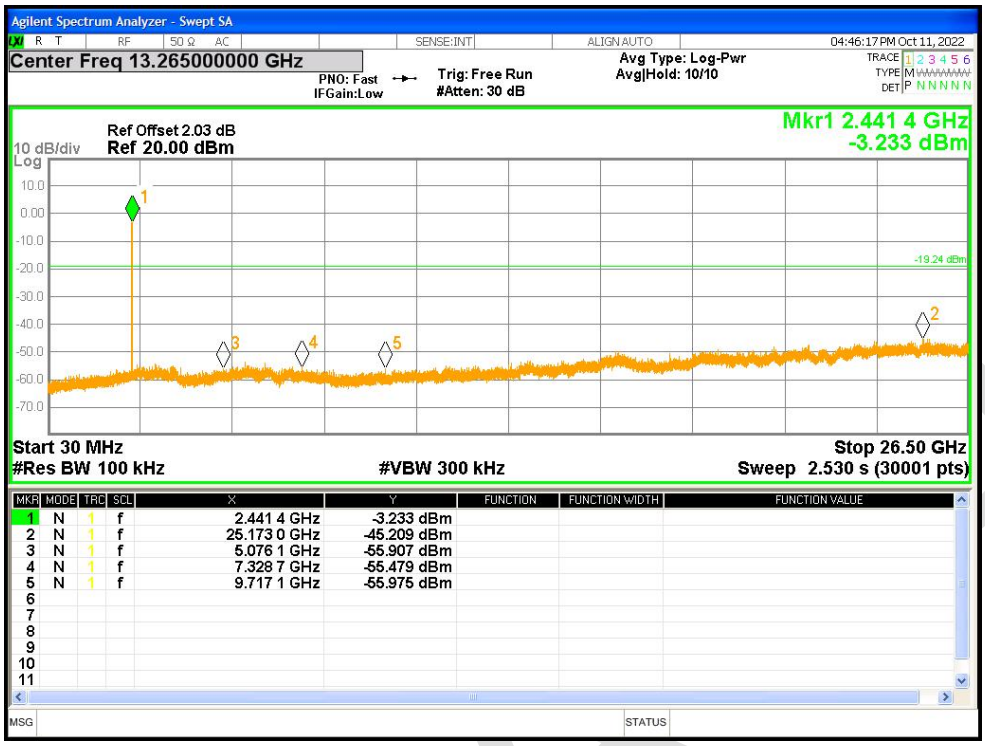
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



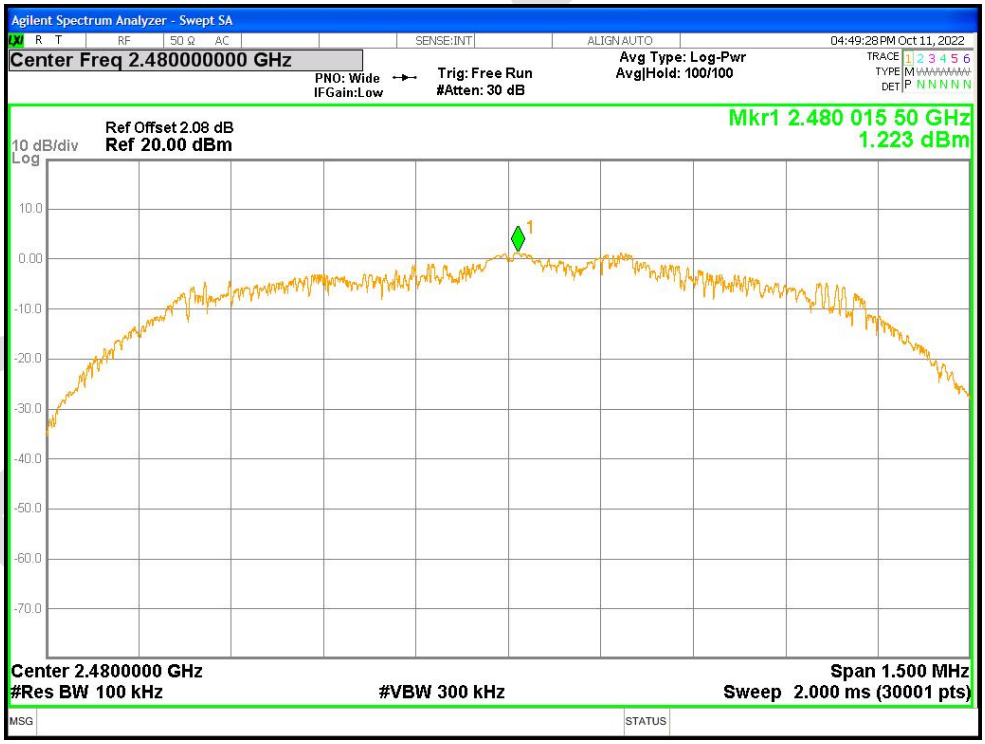
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission