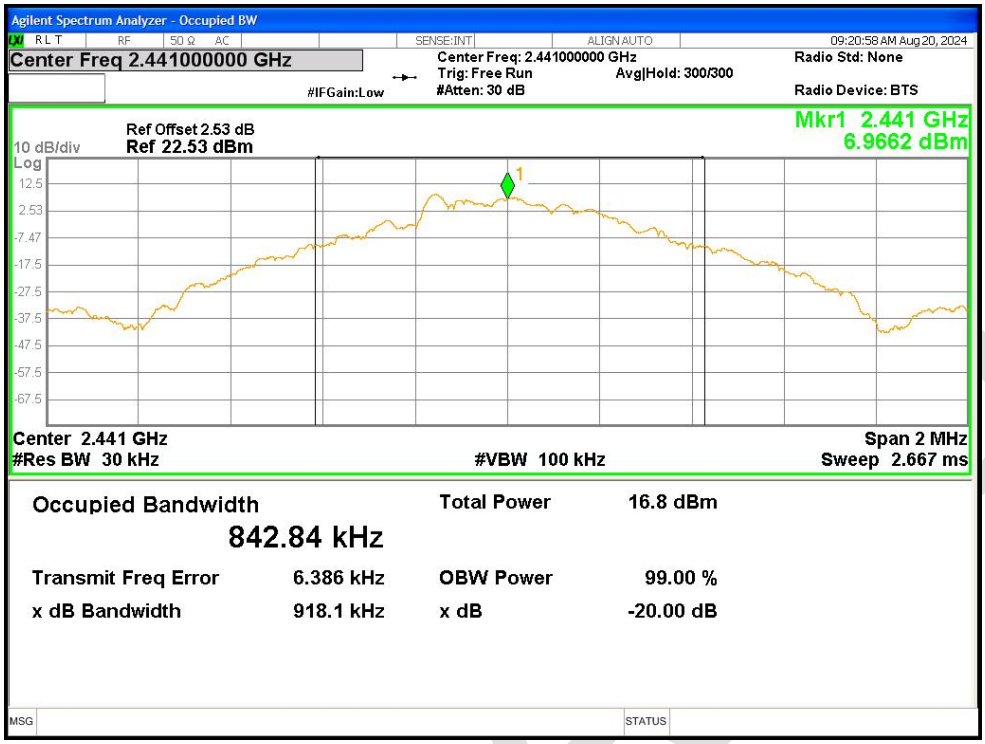
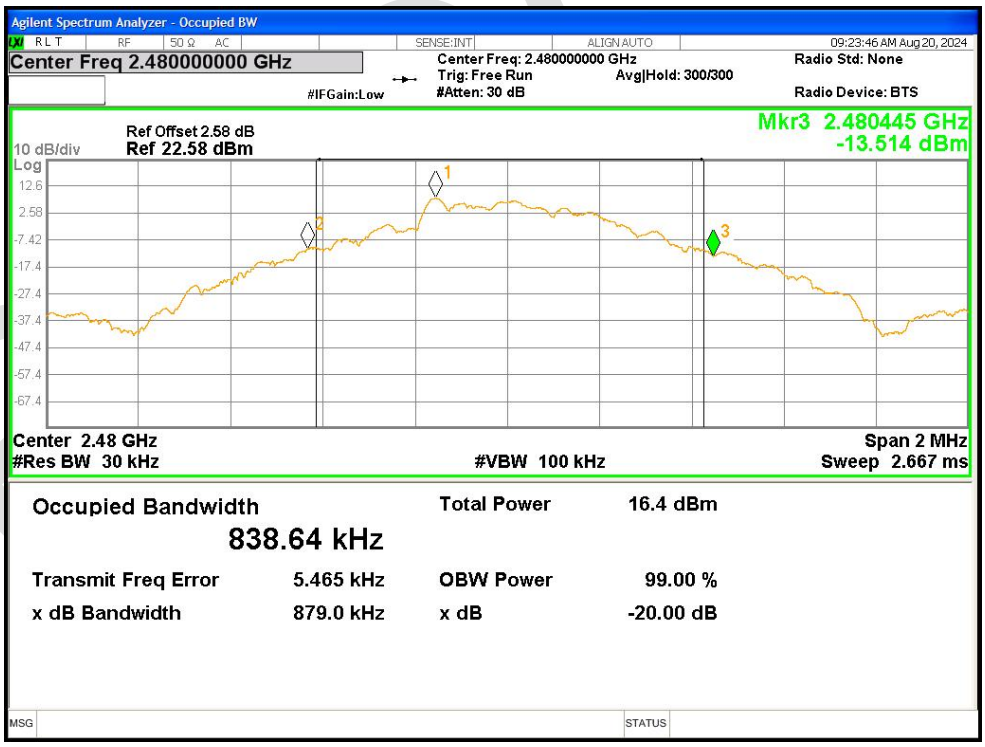
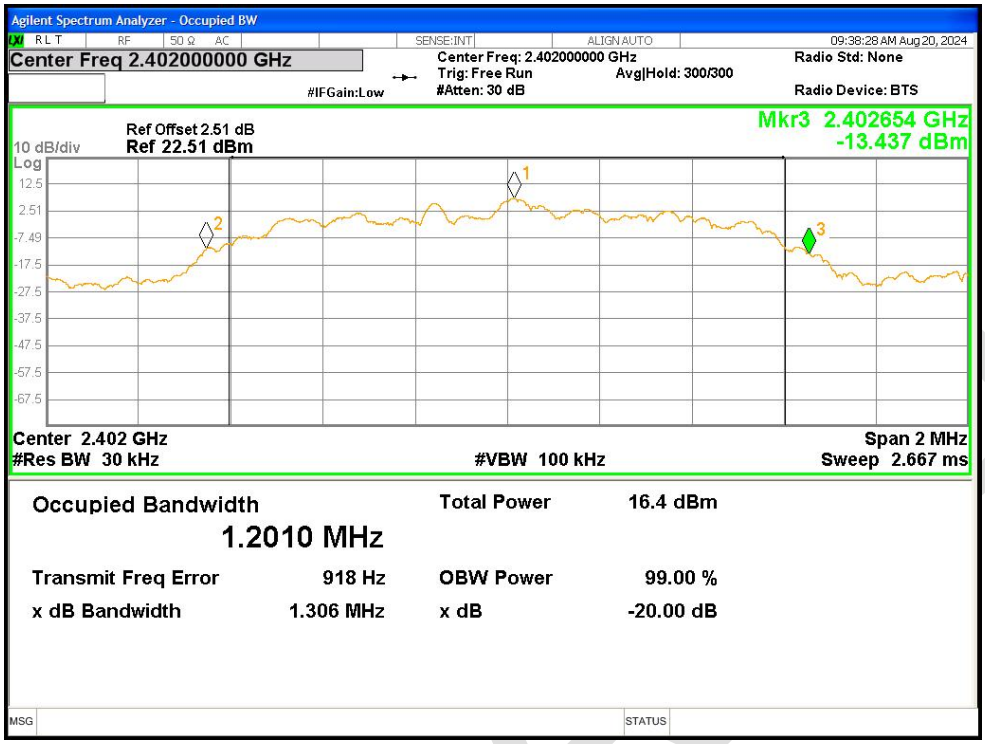


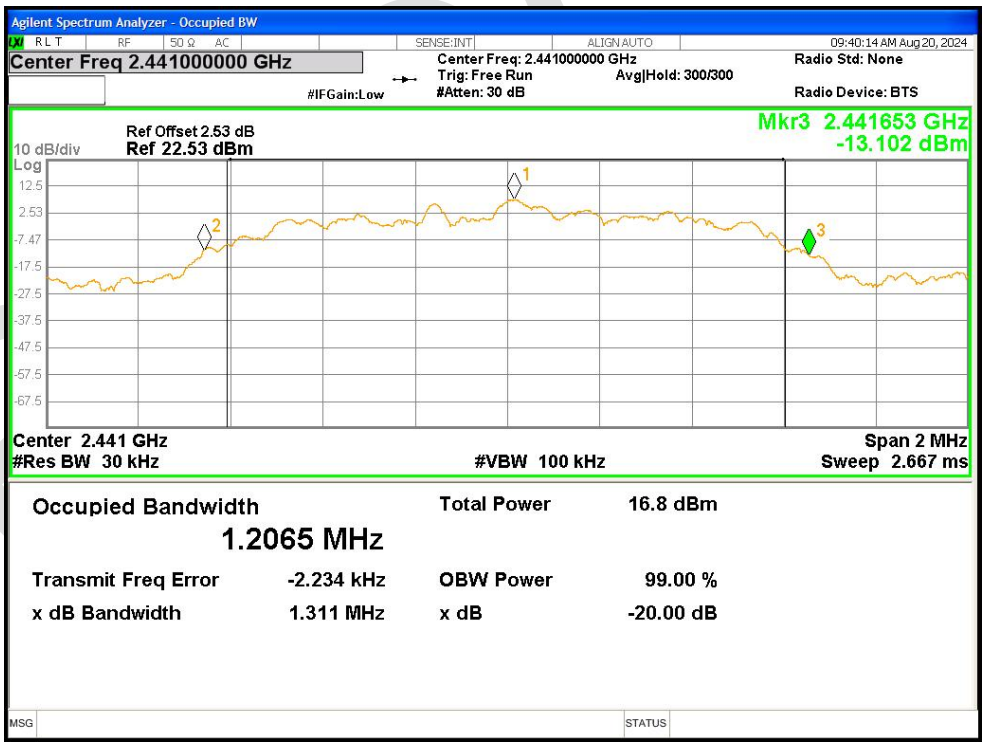
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



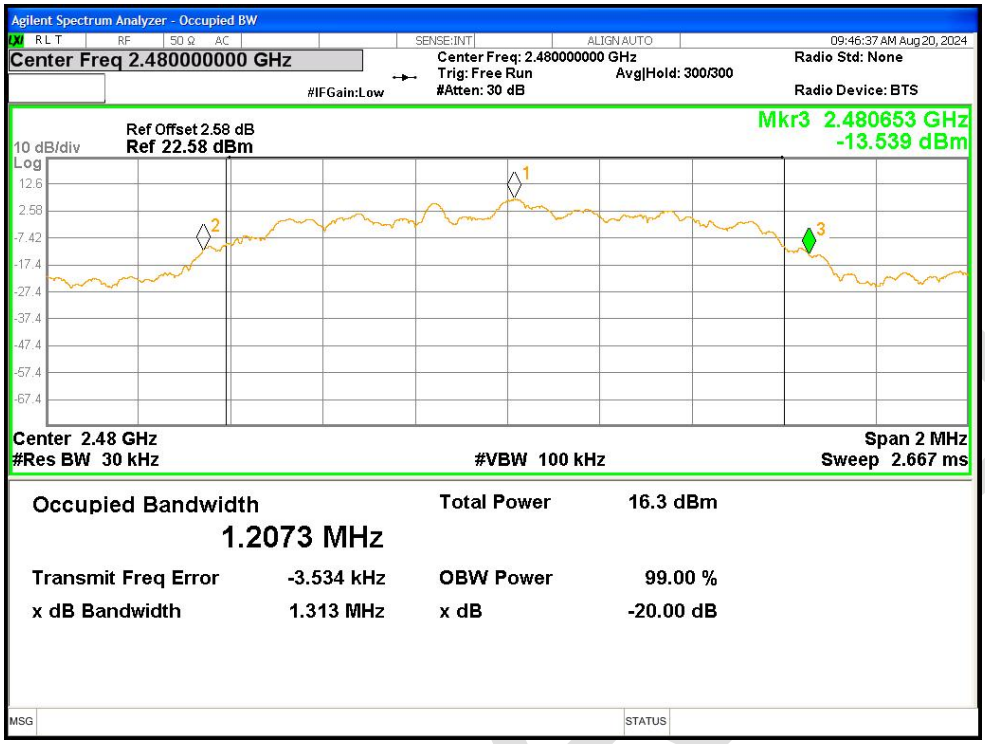
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



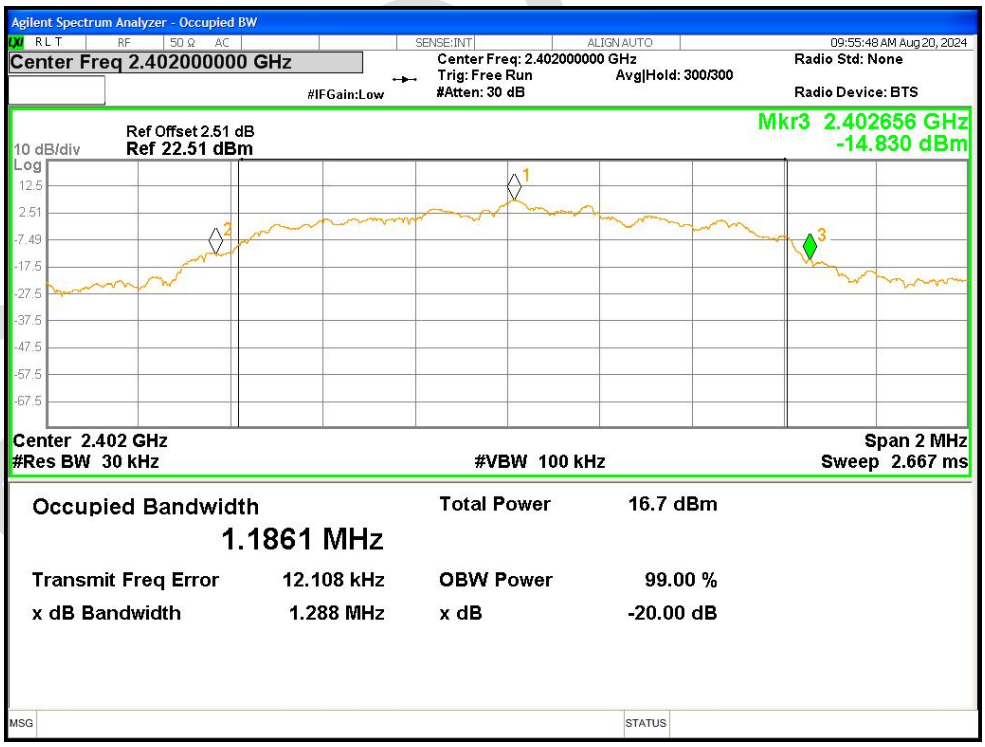
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



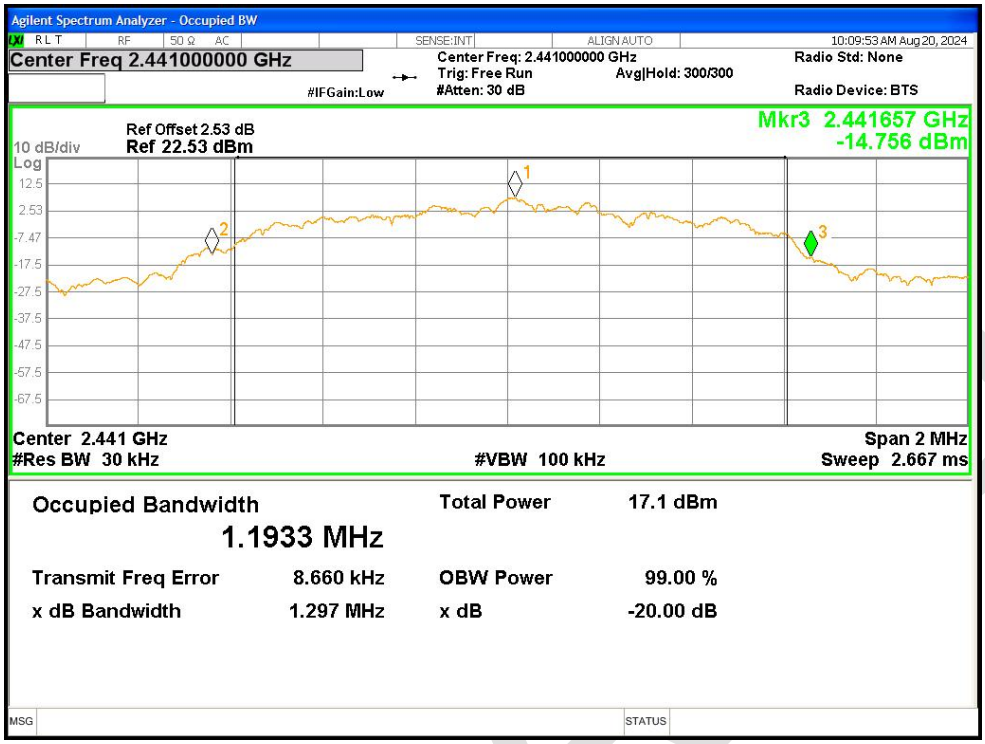
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1



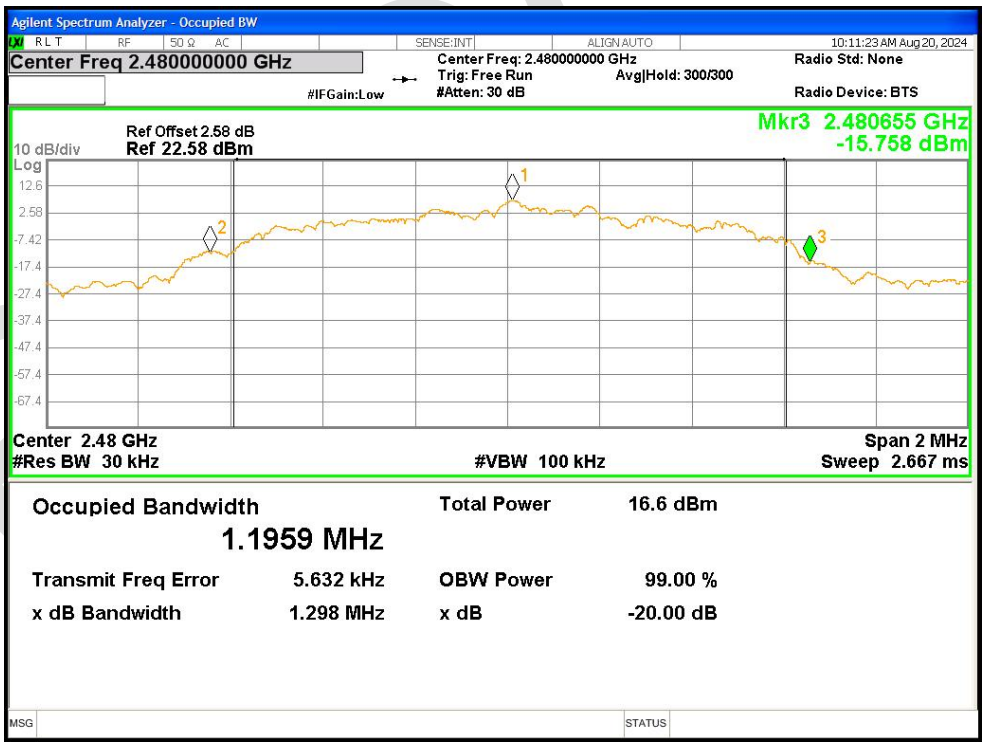
-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



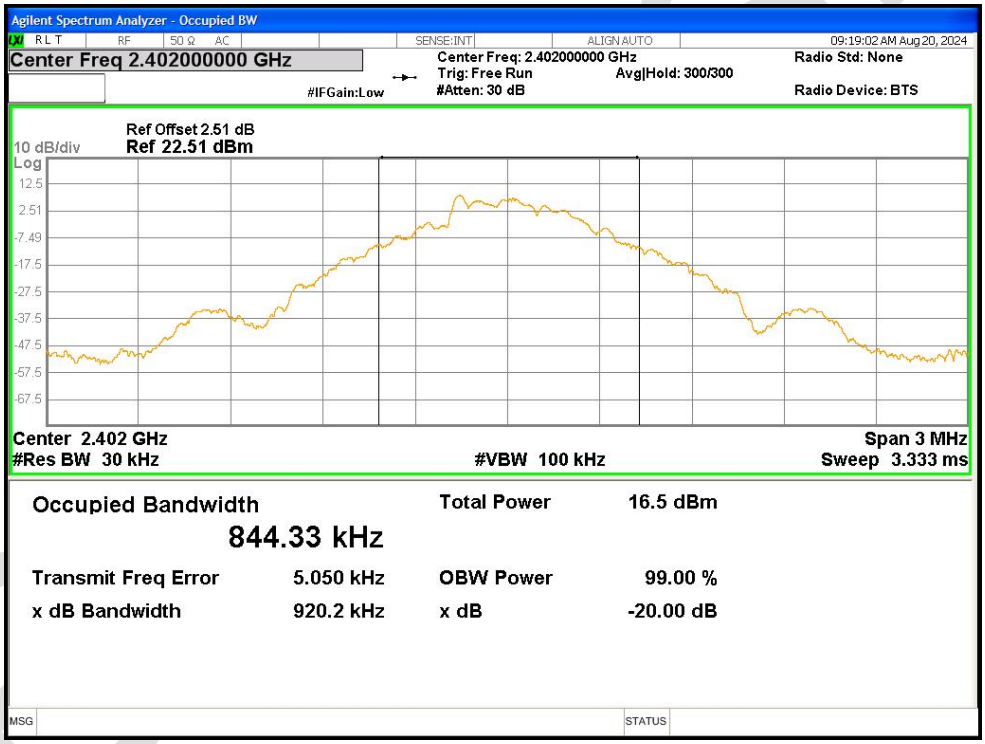
-20dB Bandwidth NVNT 3-DH1 2480MHz Ant1



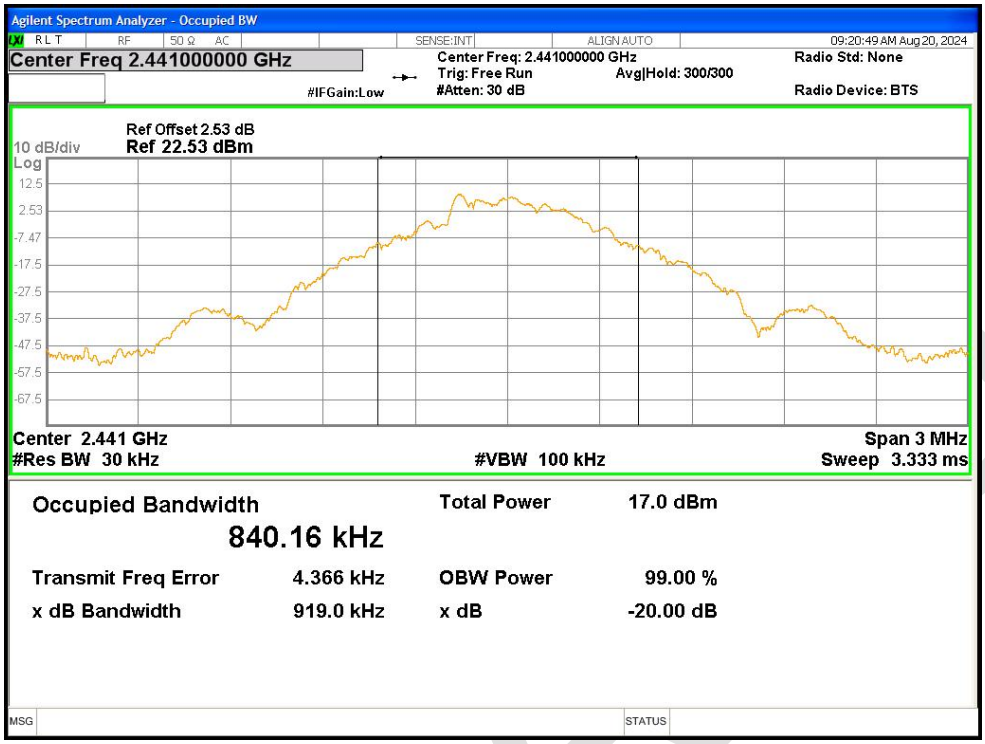
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.84433
NVNT	1-DH1	2441	Ant1	0.84016
NVNT	1-DH1	2480	Ant1	0.84437
NVNT	2-DH1	2402	Ant1	1.2776
NVNT	2-DH1	2441	Ant1	1.2818
NVNT	2-DH1	2480	Ant1	1.2892
NVNT	3-DH1	2402	Ant1	1.2413
NVNT	3-DH1	2441	Ant1	1.2504
NVNT	3-DH1	2480	Ant1	1.2452

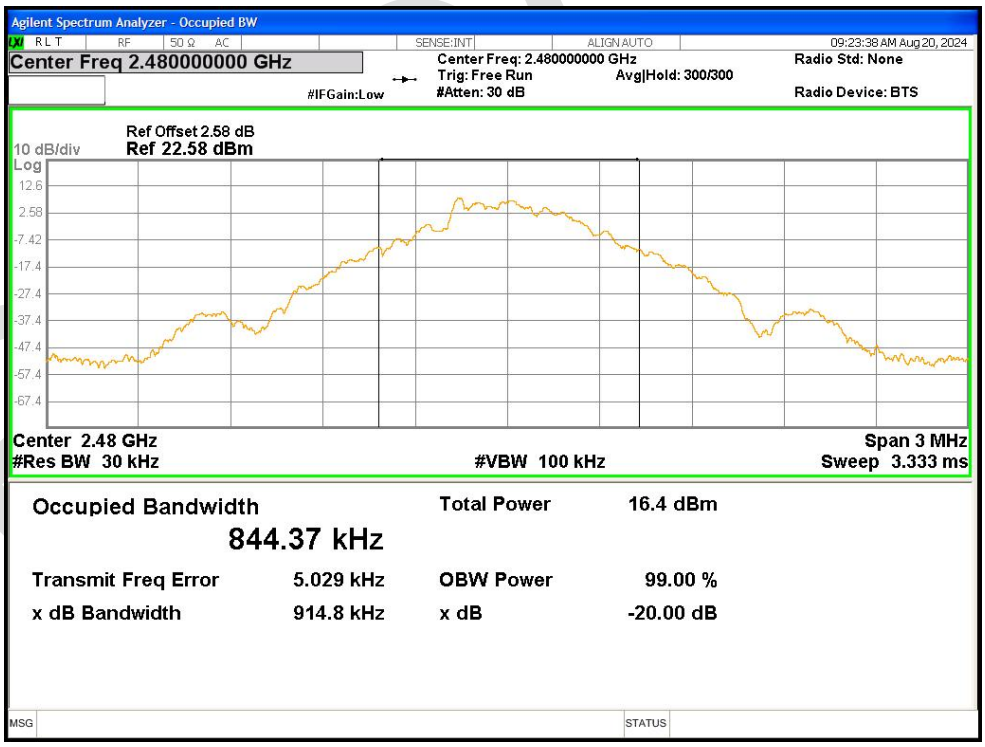
OBW NVNT 1-DH1 2402MHz Ant1



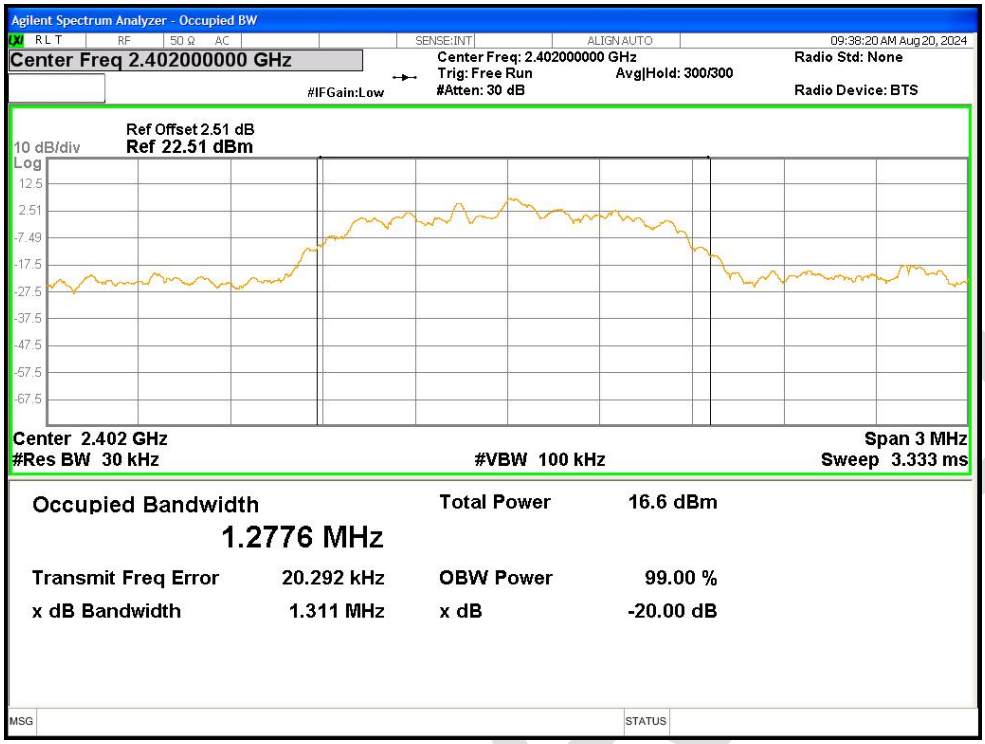
OBW NVNT 1-DH1 2441MHz Ant1



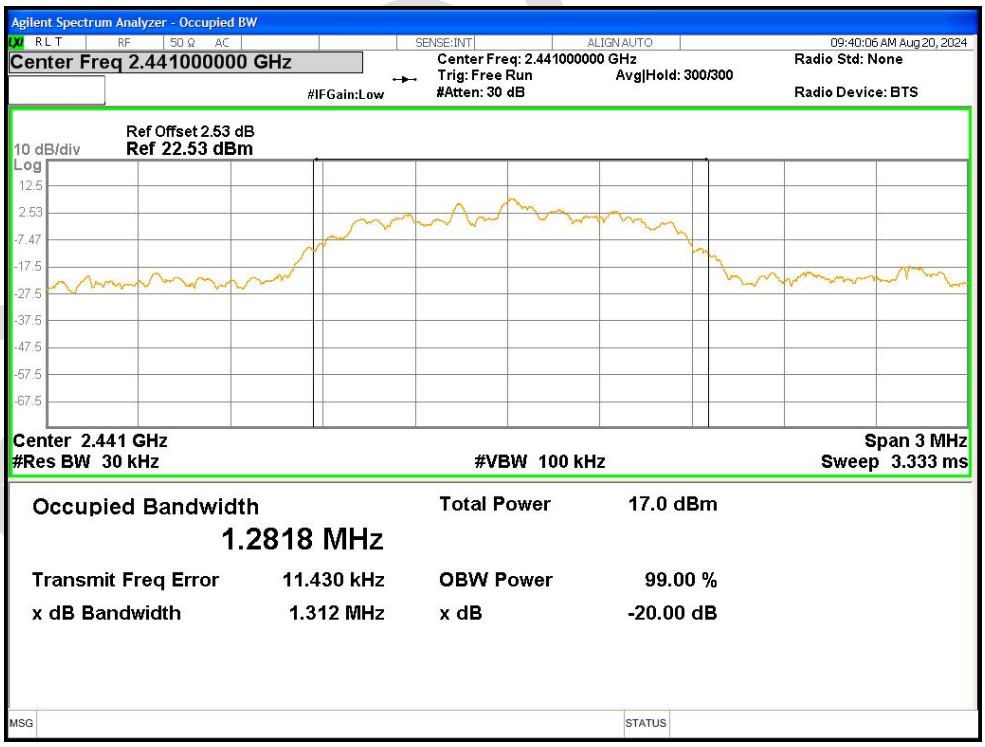
OBW NVNT 1-DH1 2480MHz Ant1



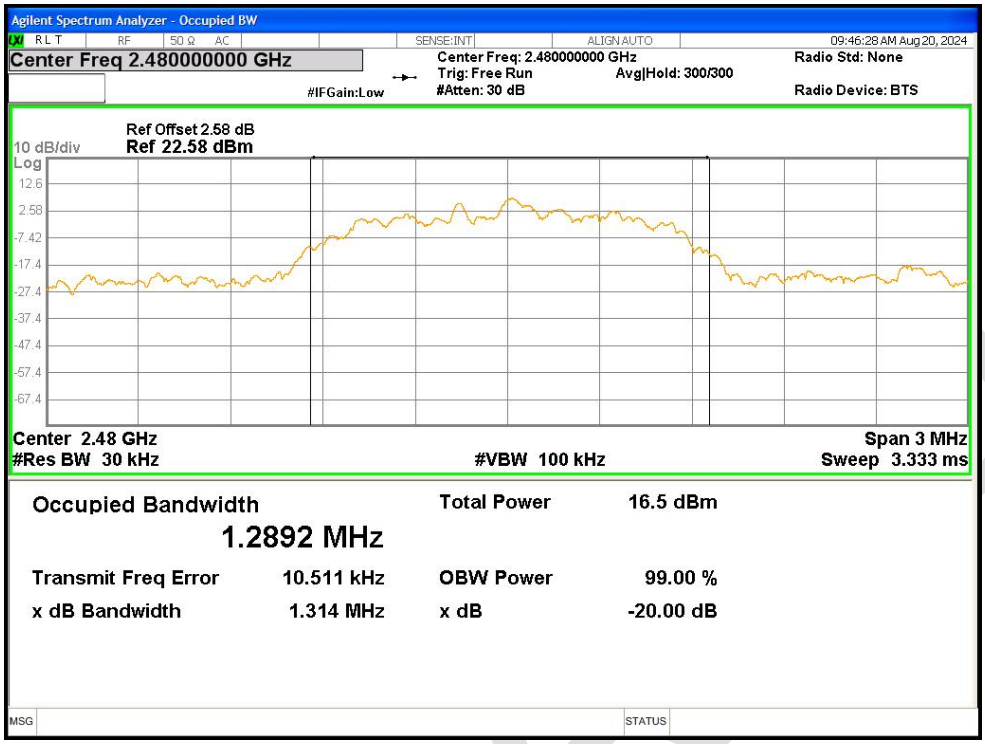
OBW NVNT 2-DH1 2402MHz Ant1



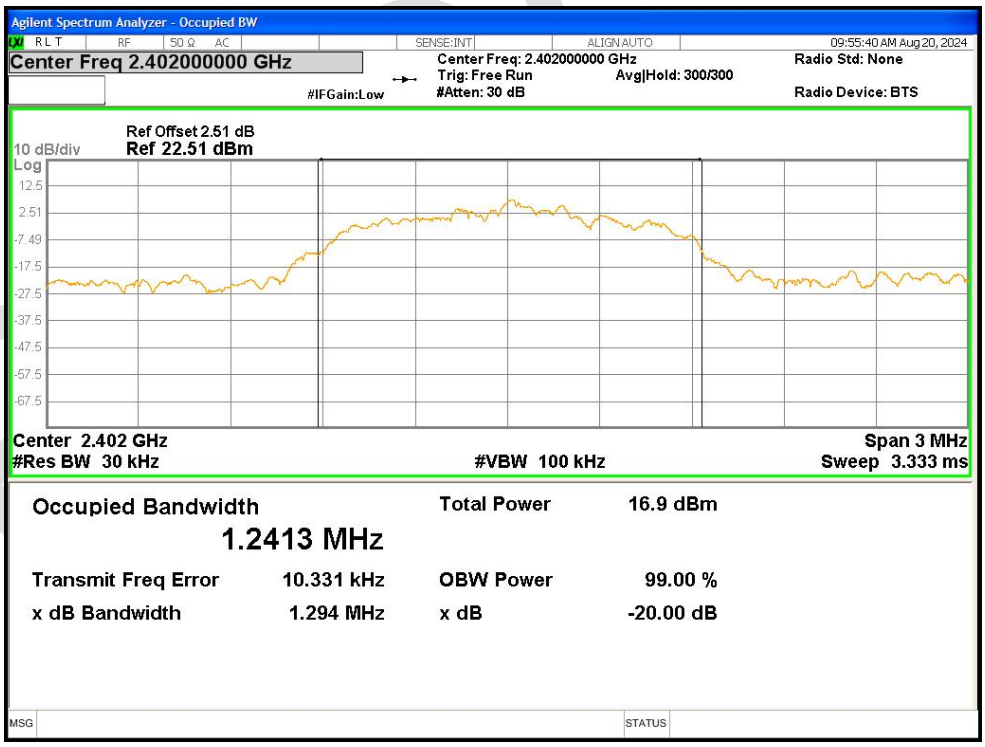
OBW NVNT 2-DH1 2441MHz Ant1



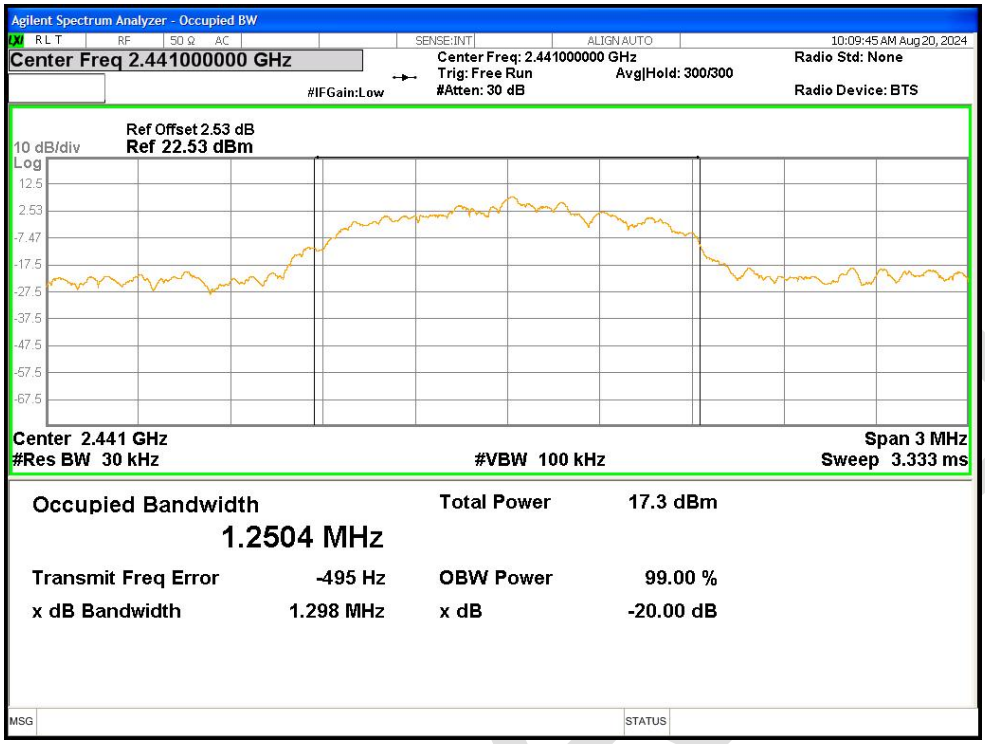
OBW NVNT 2-DH1 2480MHz Ant1



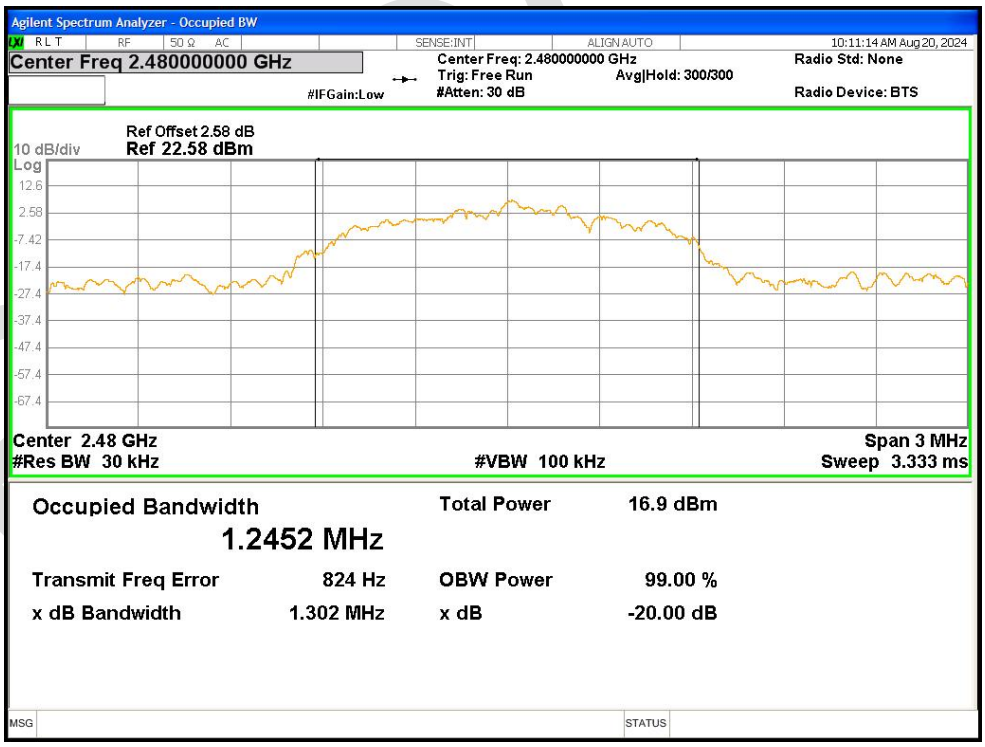
OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



OBW NVNT 3-DH1 2480MHz Ant1

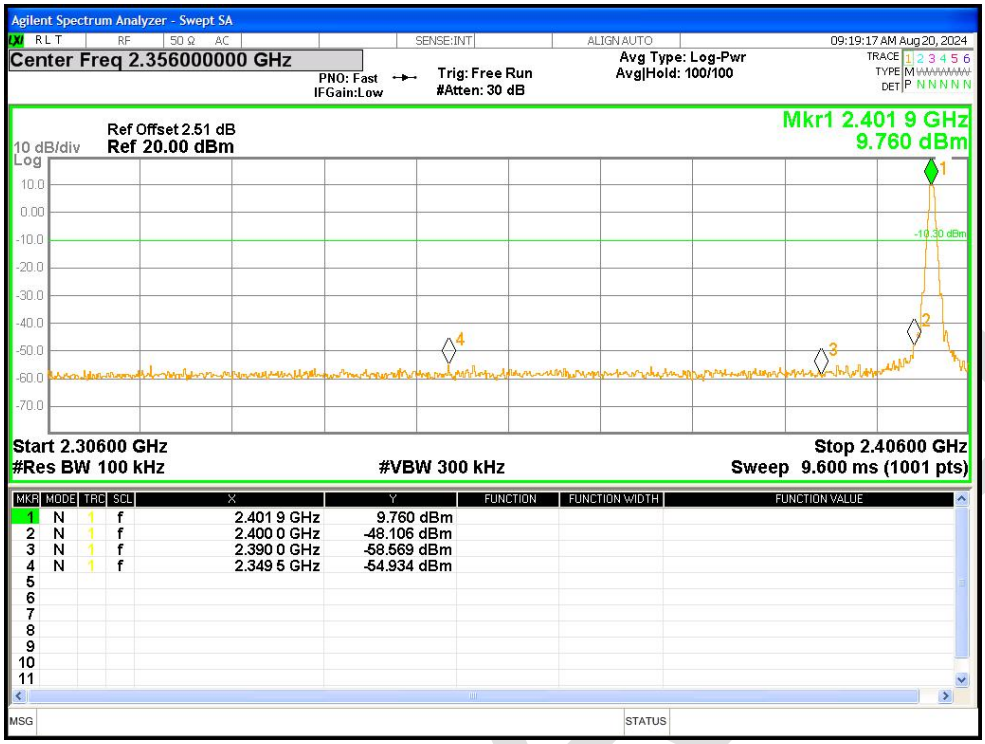


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-64.63	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-59.47	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-58.51	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-38.53	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-58.95	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-35.52	-20	Pass

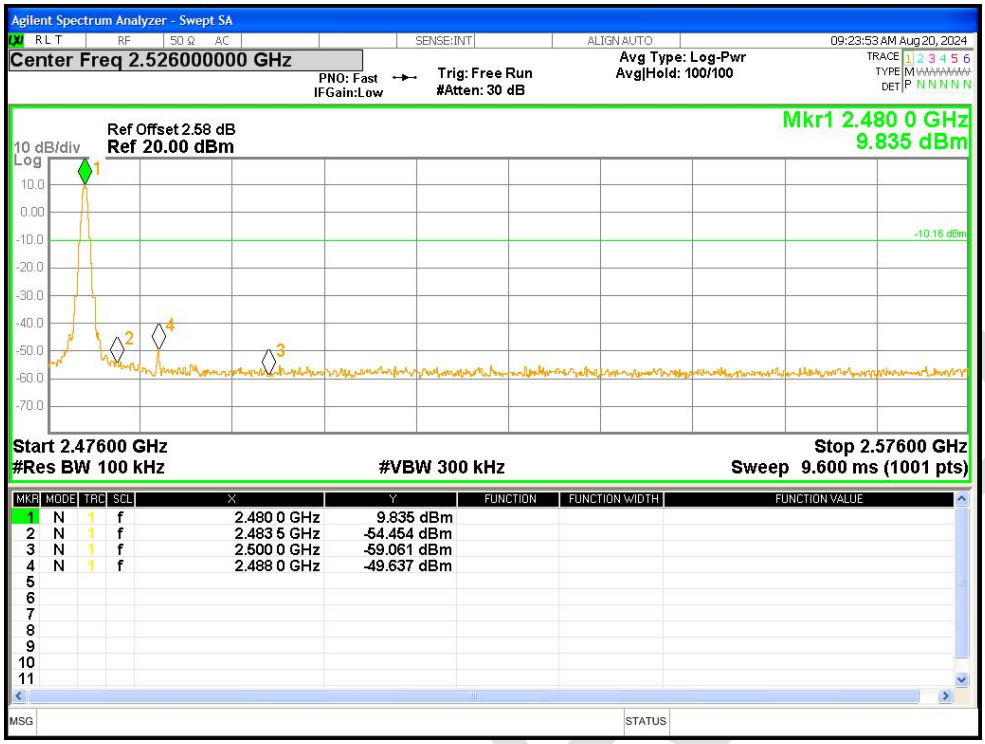
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref

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



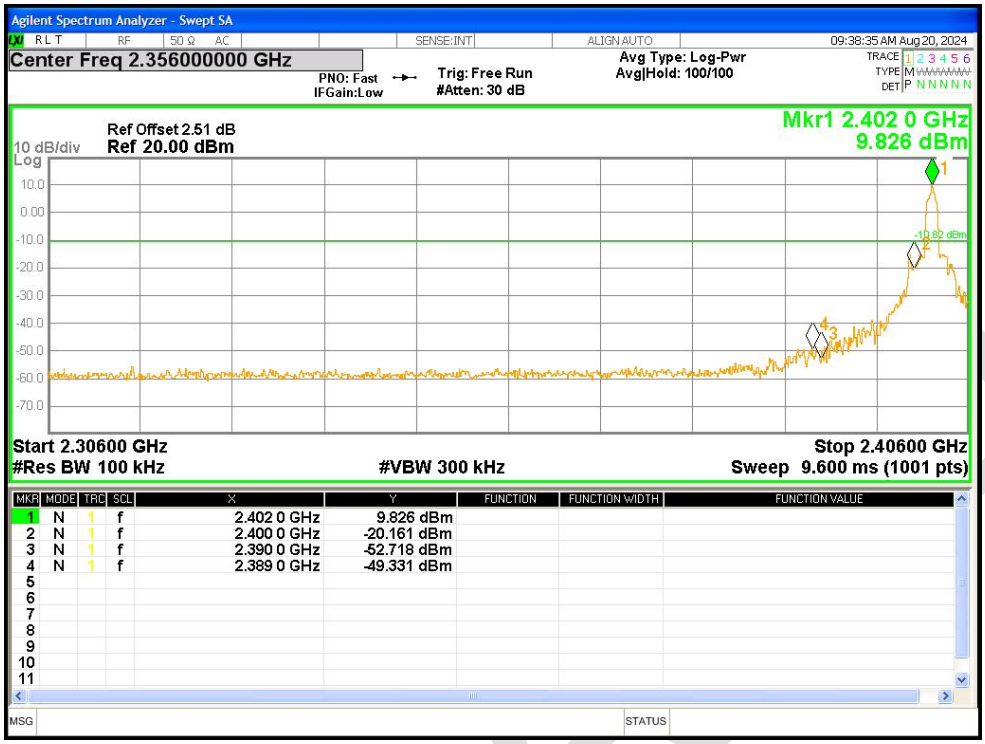
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref

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

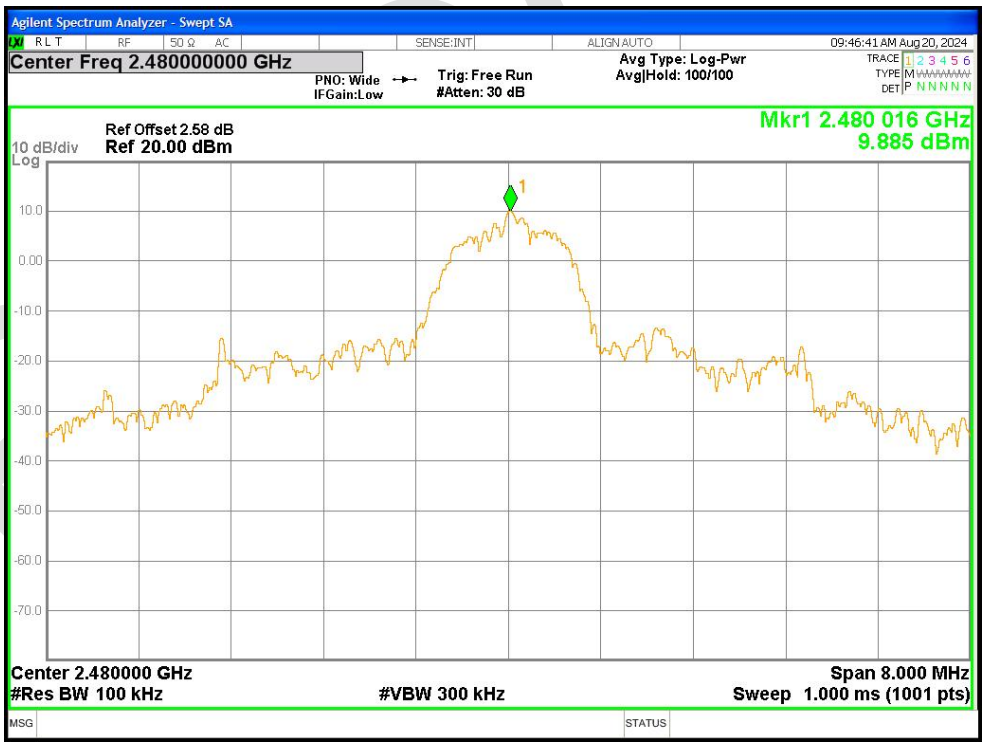


Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref

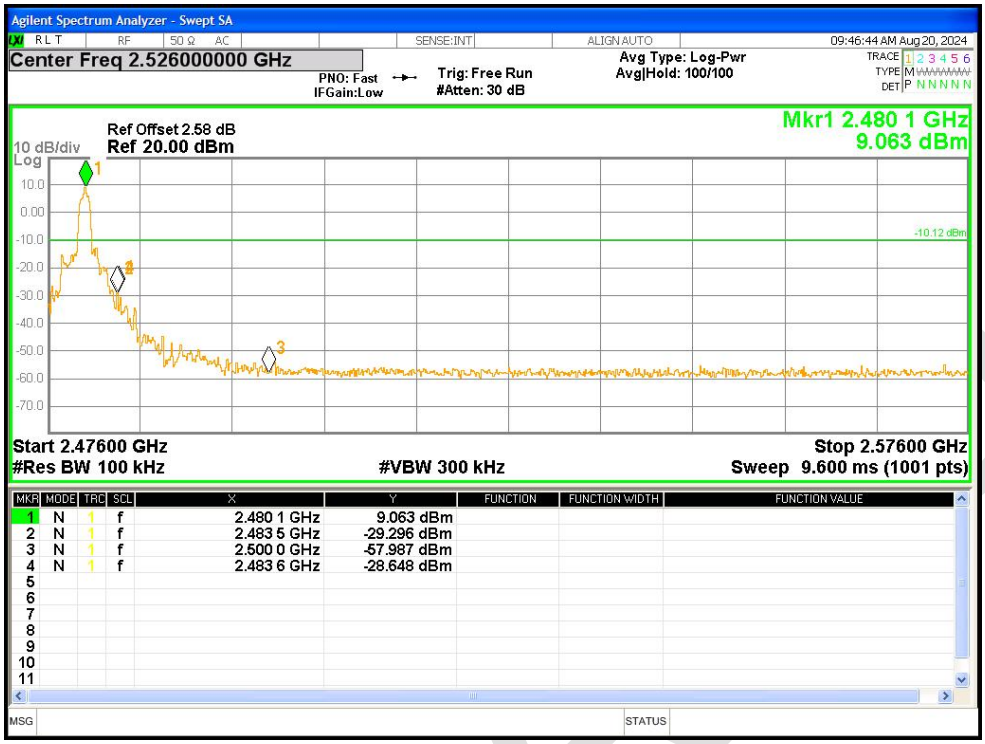
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



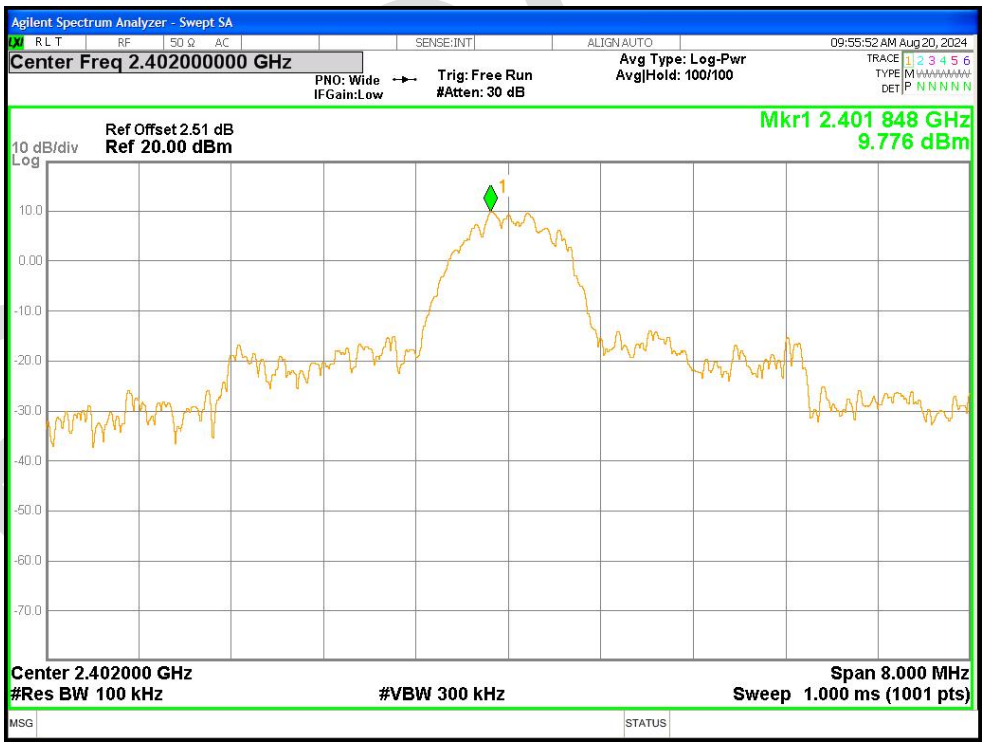
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



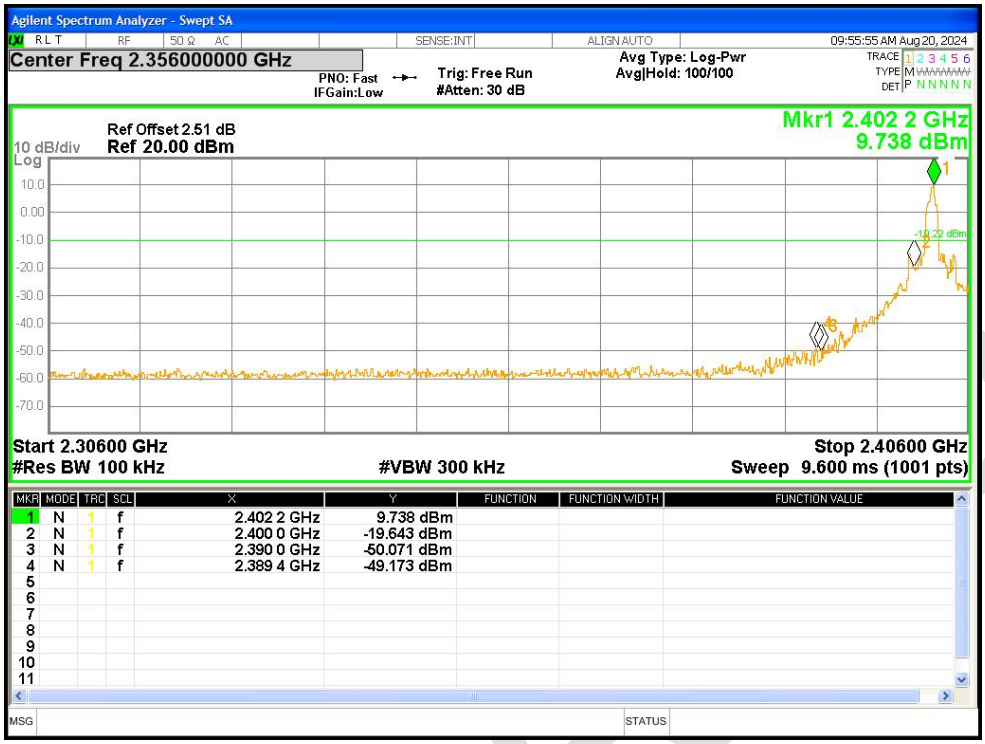
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



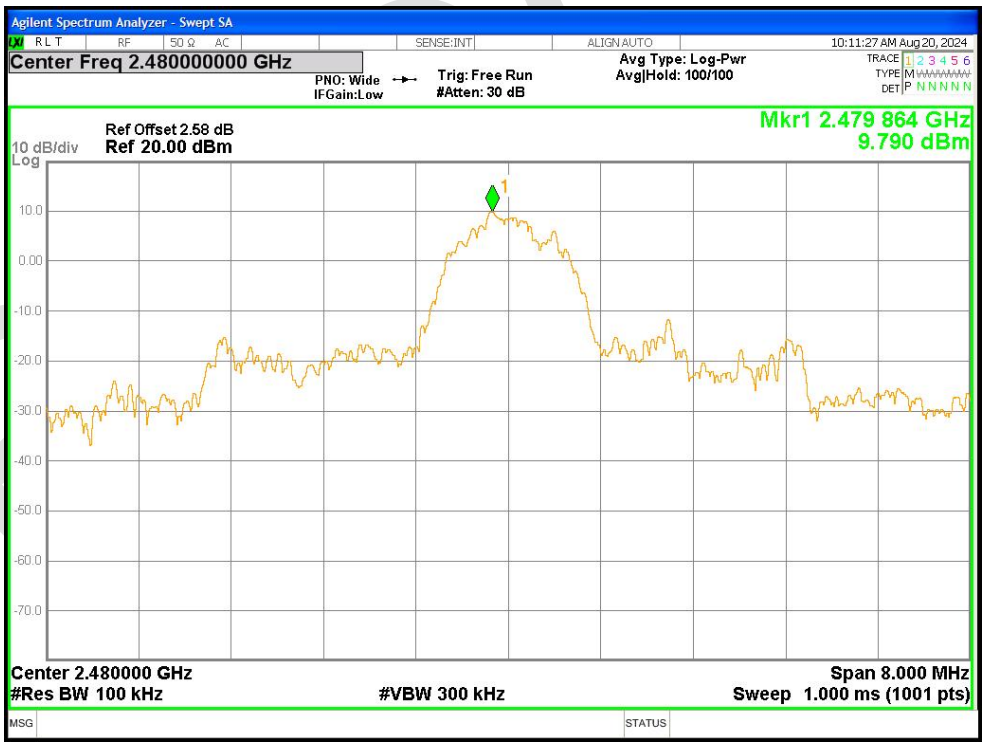
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



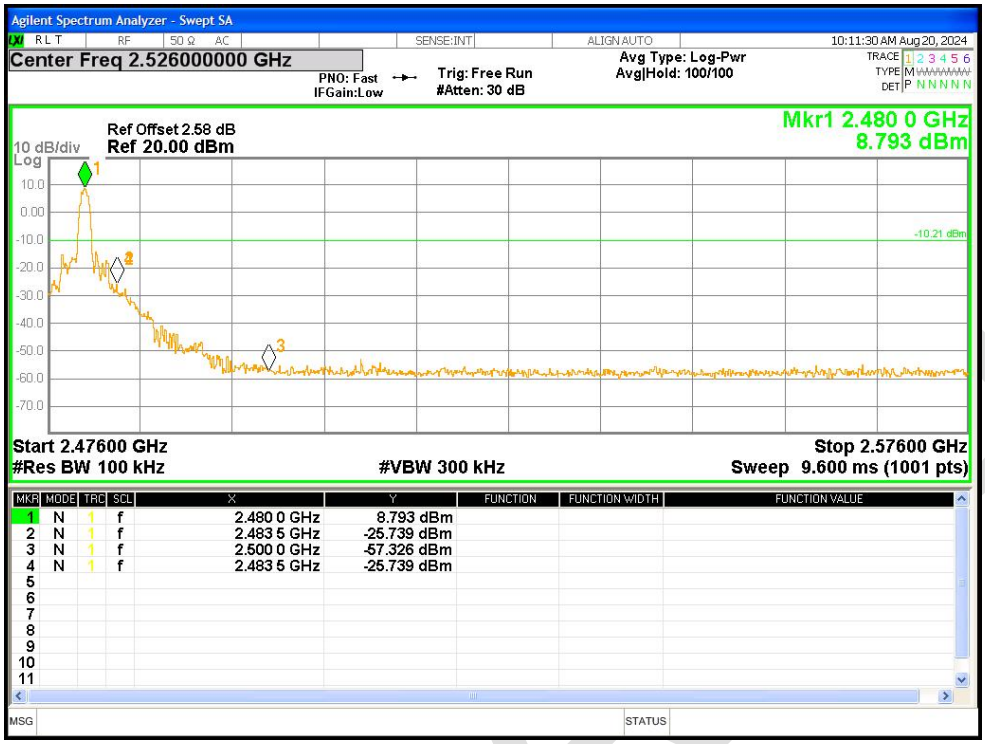
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



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



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

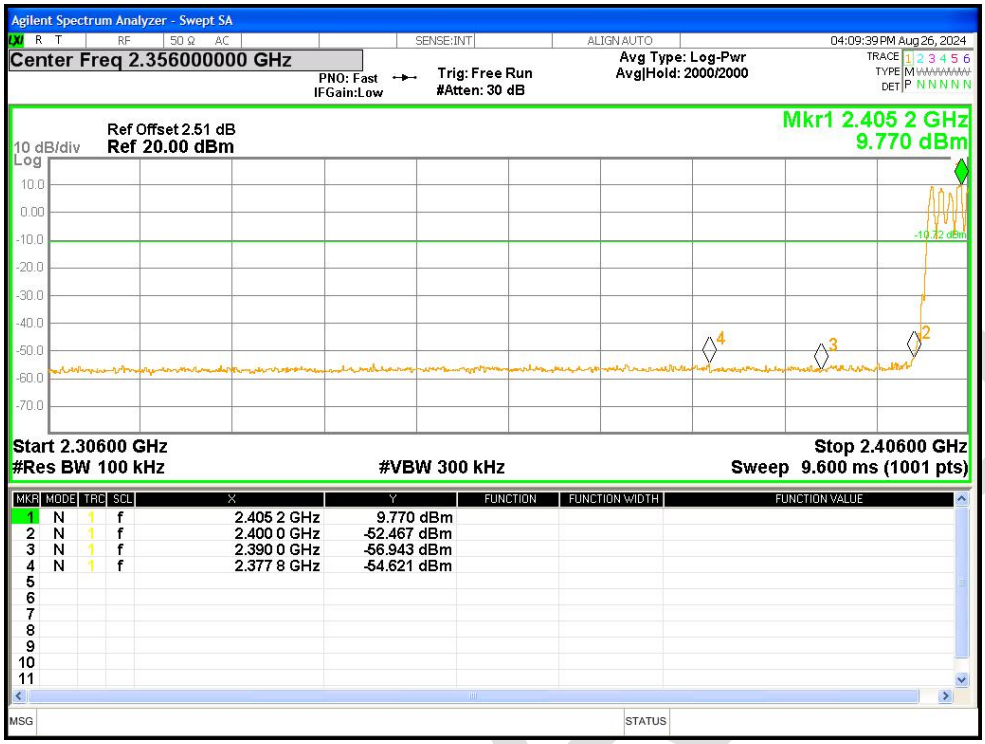

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.526000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
10:11:30 AM Aug 20, 2024
Ref Offset 2.58 dB
10 dB/div
Ref 20.00 dBm
Mkr1 2.480 0 GHz
8.793 dBm
-10.21 dBm
Start 2.47600 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.57600 GHz
Sweep 9.600 ms (1001 pts)
1 N 1 f 2.480 0 GHz 8.793 dBm
2 N 1 f 2.483 5 GHz -25.739 dBm
3 N 1 f 2.500 0 GHz -57.326 dBm
4 N 1 f 2.483 5 GHz -25.739 dBm

Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-63.9	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-61.88	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-58.03	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-40.51	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-56.25	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-38.02	-20	Pass

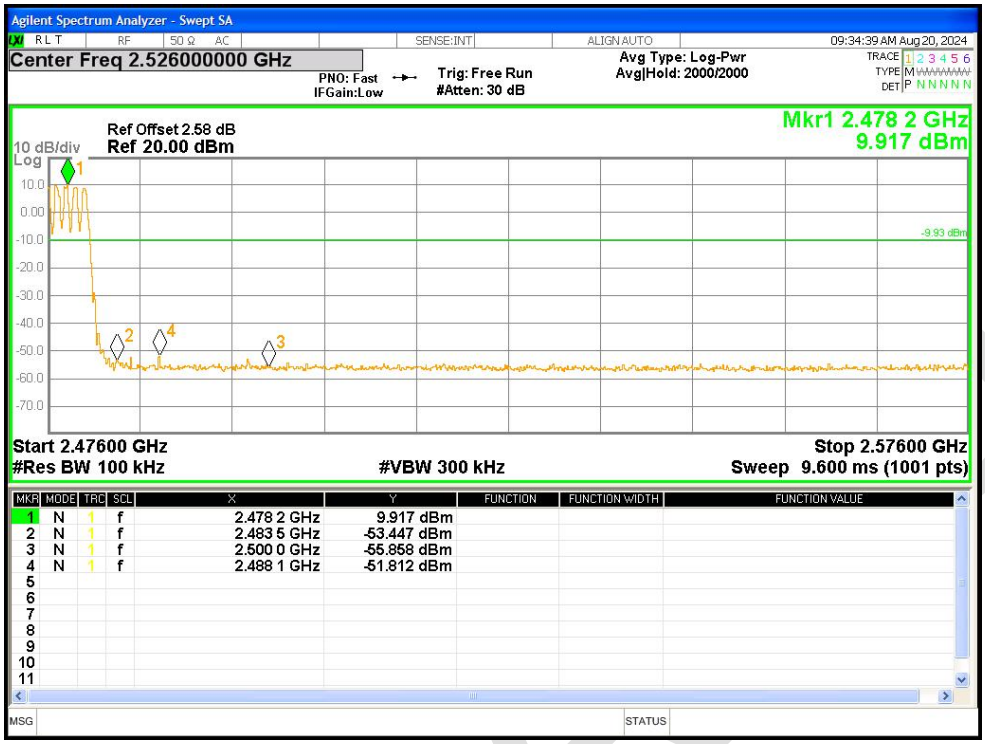
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref

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

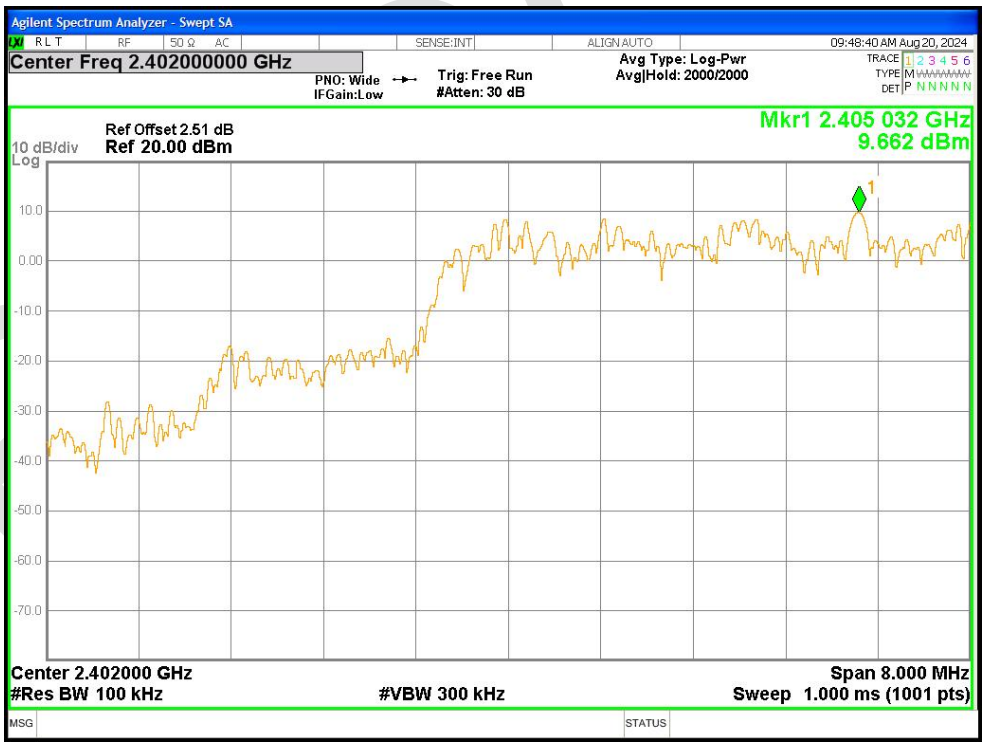


Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref

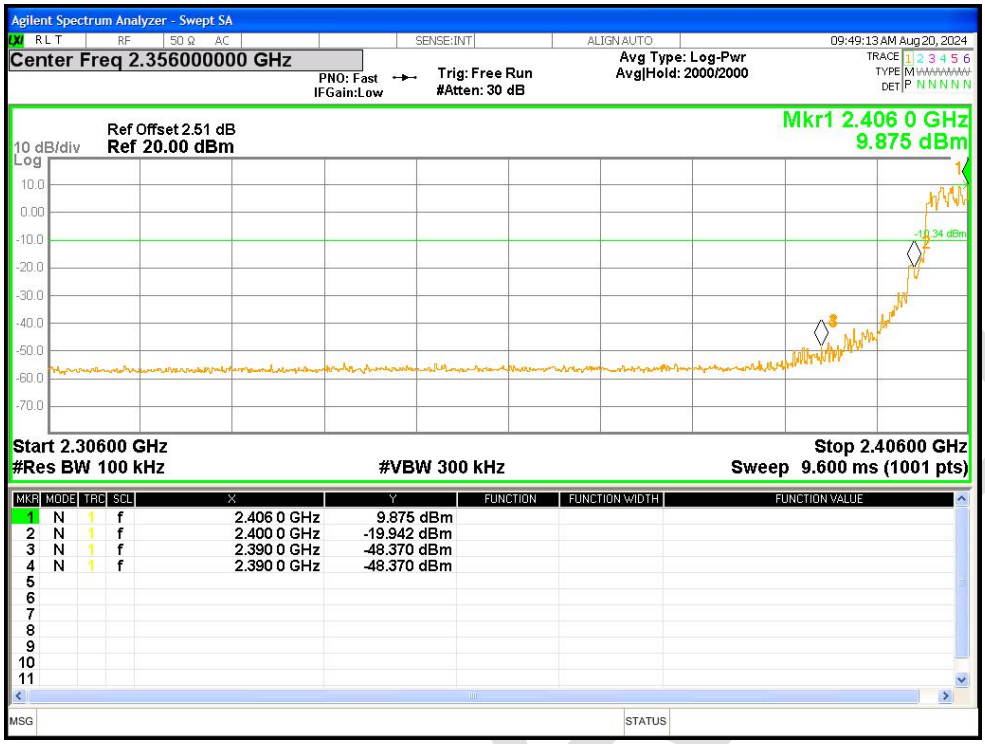
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



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

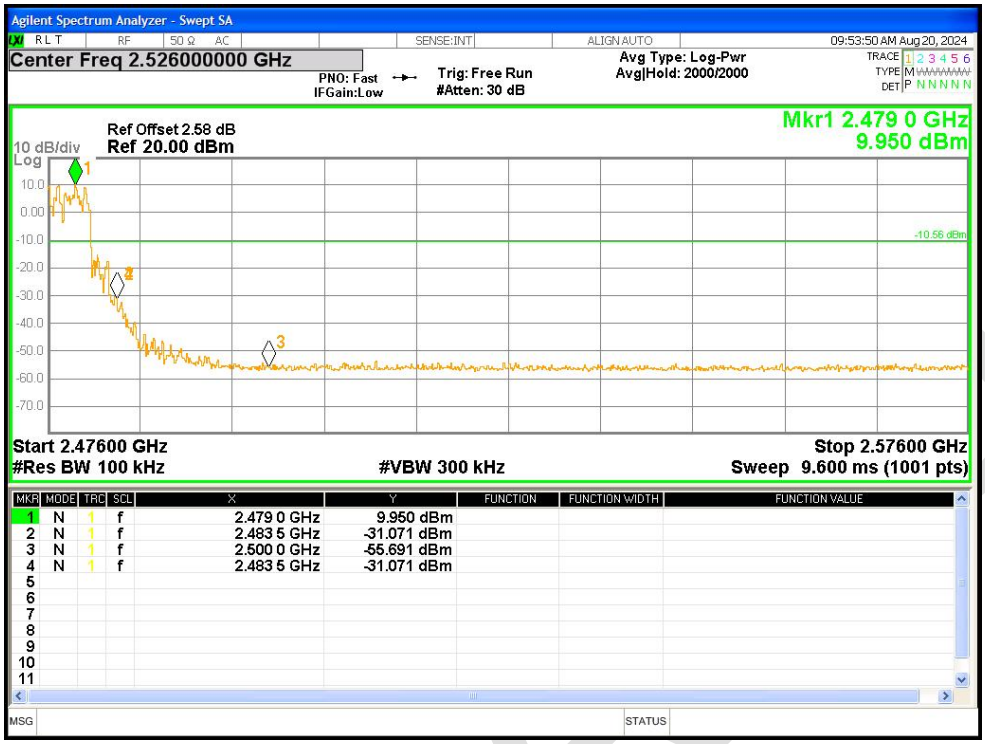


Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission

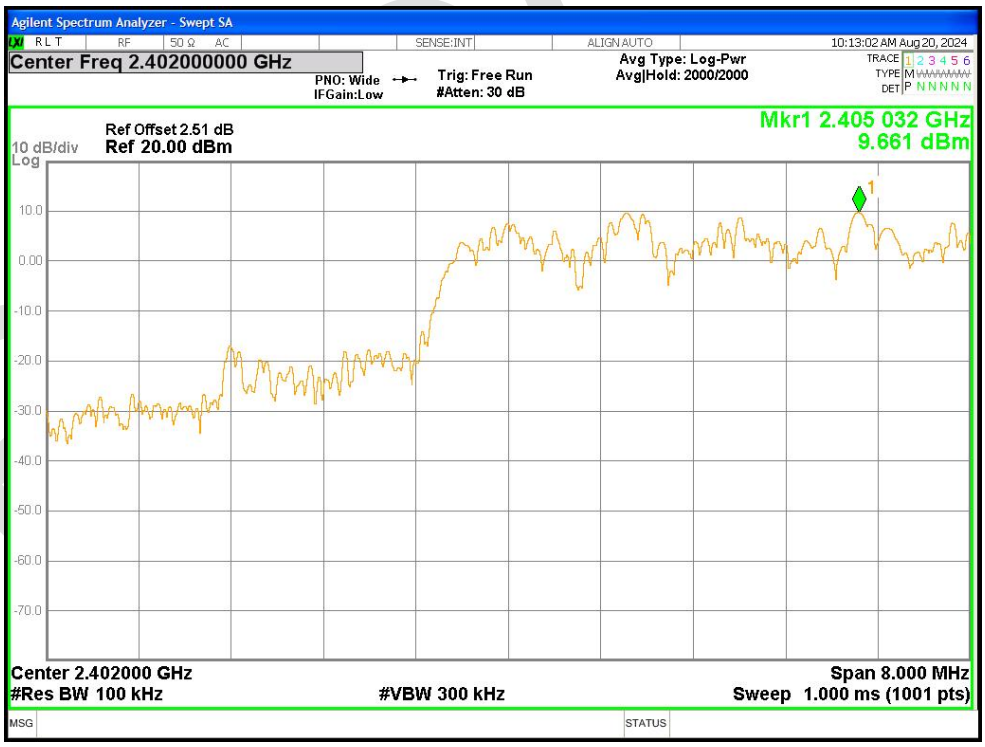


Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref

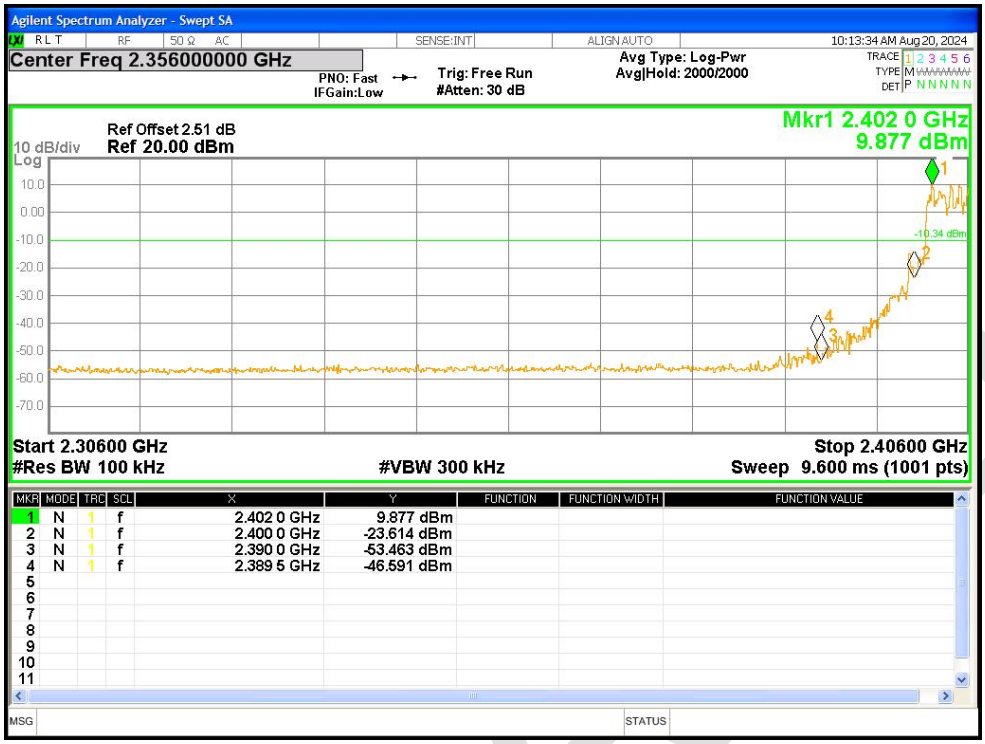
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission



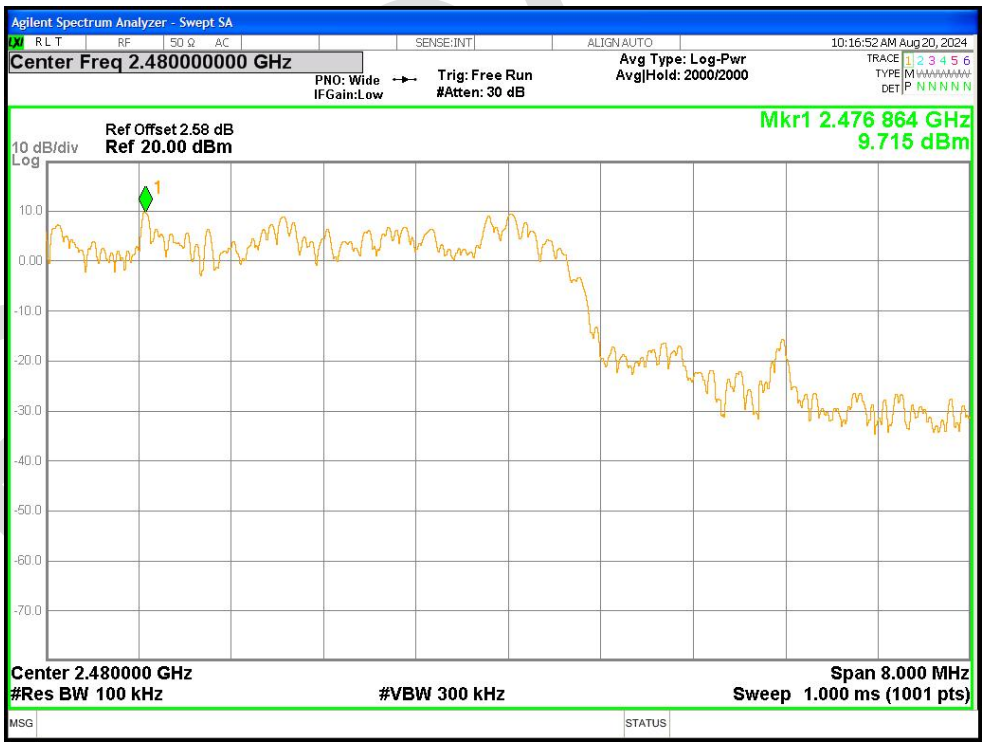
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



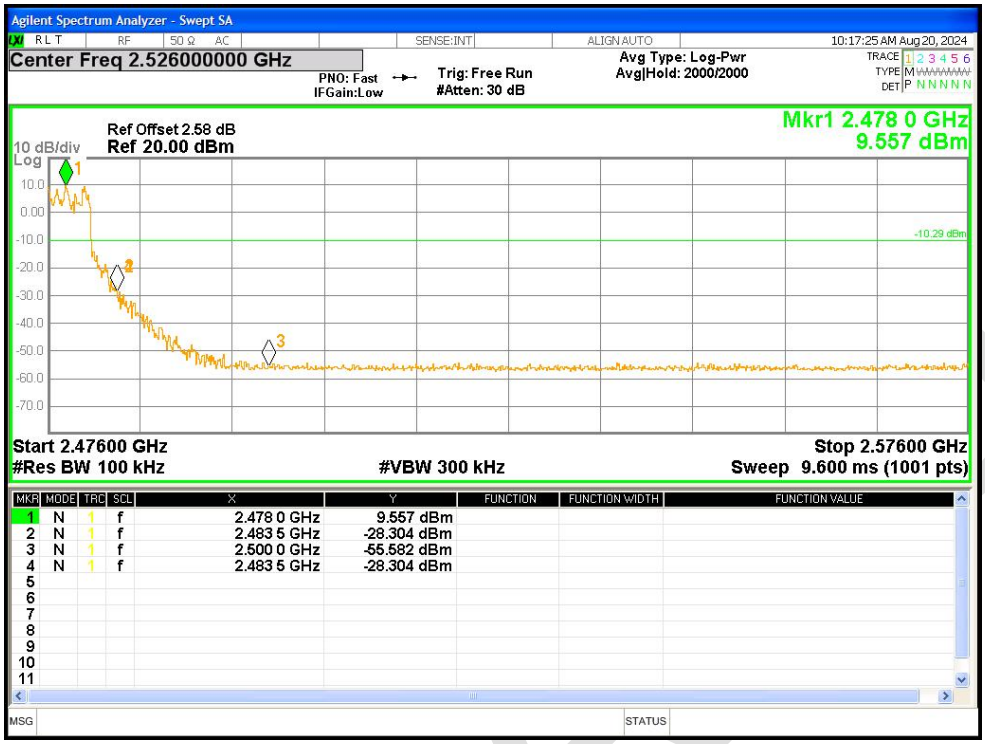
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



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



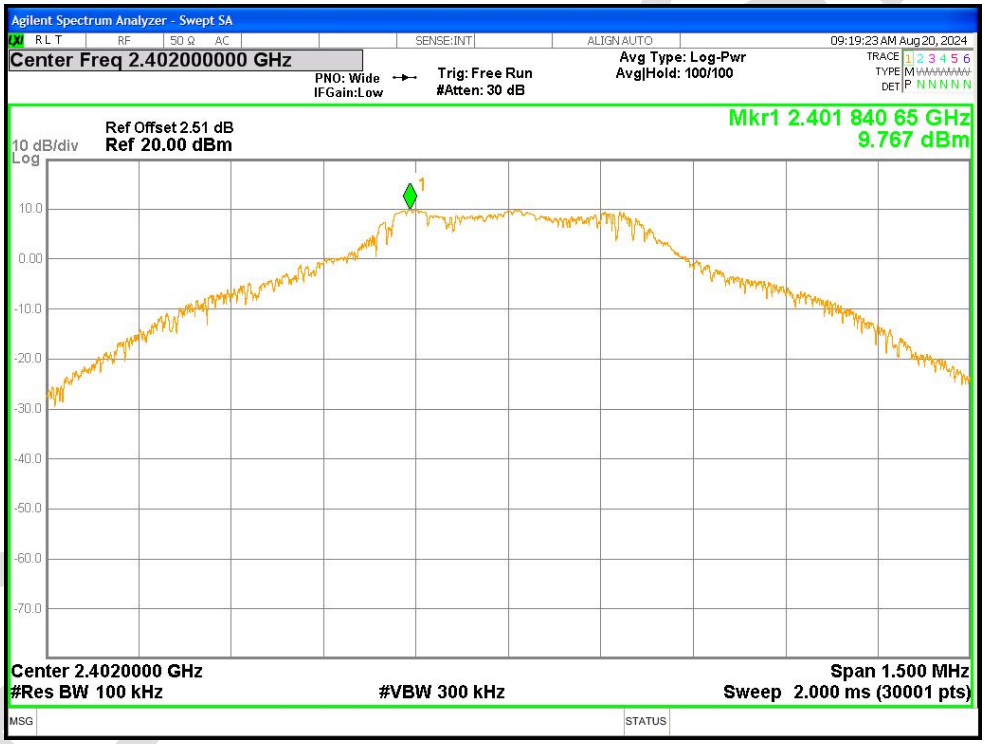
Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission


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
10:17:25 AM Aug 20, 2024
Ref Offset 2.58 dB
10 dB/div
Ref 20.00 dBm
Mkr1 2.478 0 GHz
9.557 dBm
-10.29 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 0 GHz 9.557 dBm
2 N 1 f 2.483 5 GHz -28.304 dBm
3 N 1 f 2.500 0 GHz -55.582 dBm
4 N 1 f 2.483 5 GHz -28.304 dBm

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-54.48	-20	Pass
NVNT	1-DH1	2441	Ant1	-55.55	-20	Pass
NVNT	1-DH1	2480	Ant1	-55.34	-20	Pass
NVNT	2-DH1	2402	Ant1	-54.64	-20	Pass
NVNT	2-DH1	2441	Ant1	-55.12	-20	Pass
NVNT	2-DH1	2480	Ant1	-53.65	-20	Pass
NVNT	3-DH1	2402	Ant1	-54.46	-20	Pass
NVNT	3-DH1	2441	Ant1	-55.42	-20	Pass
NVNT	3-DH1	2480	Ant1	-53.71	-20	Pass

Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission