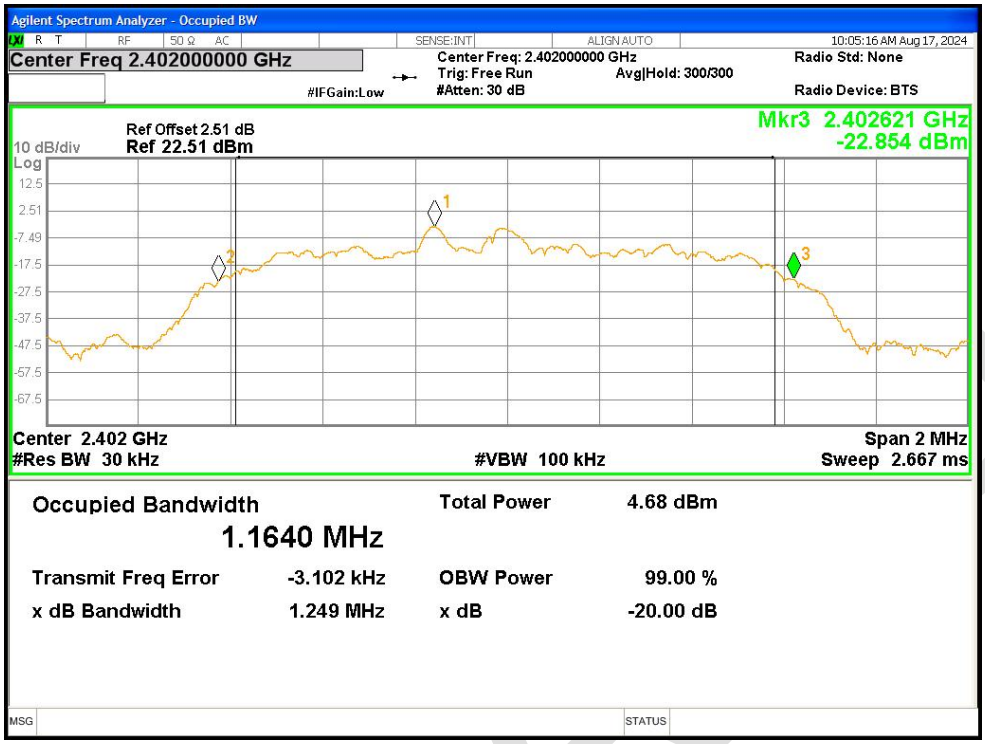
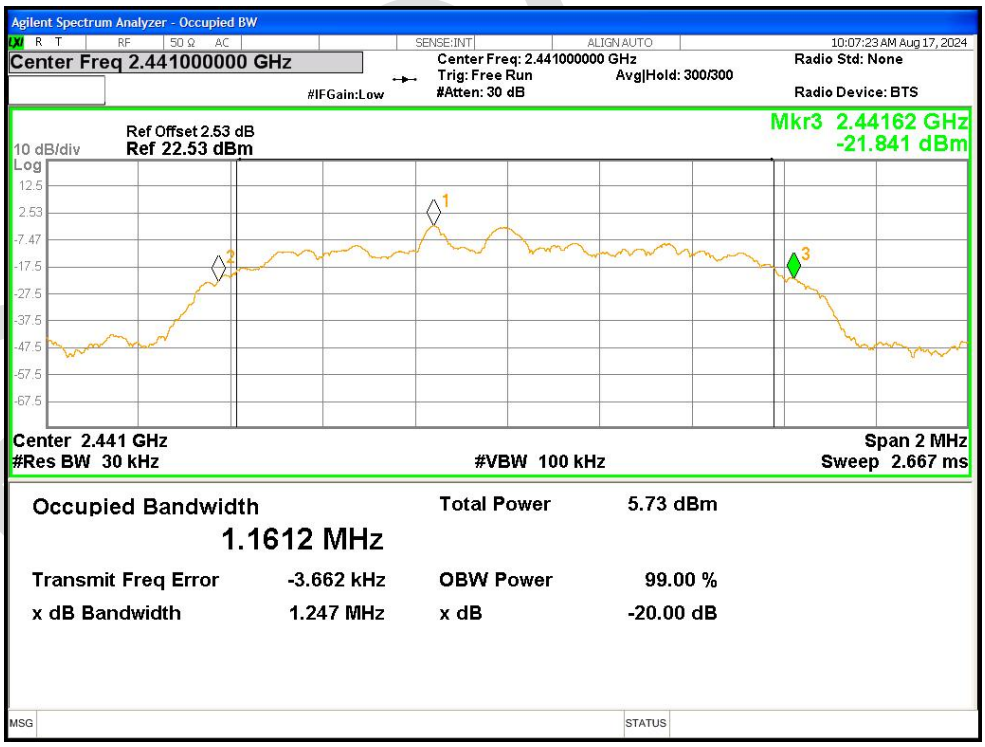
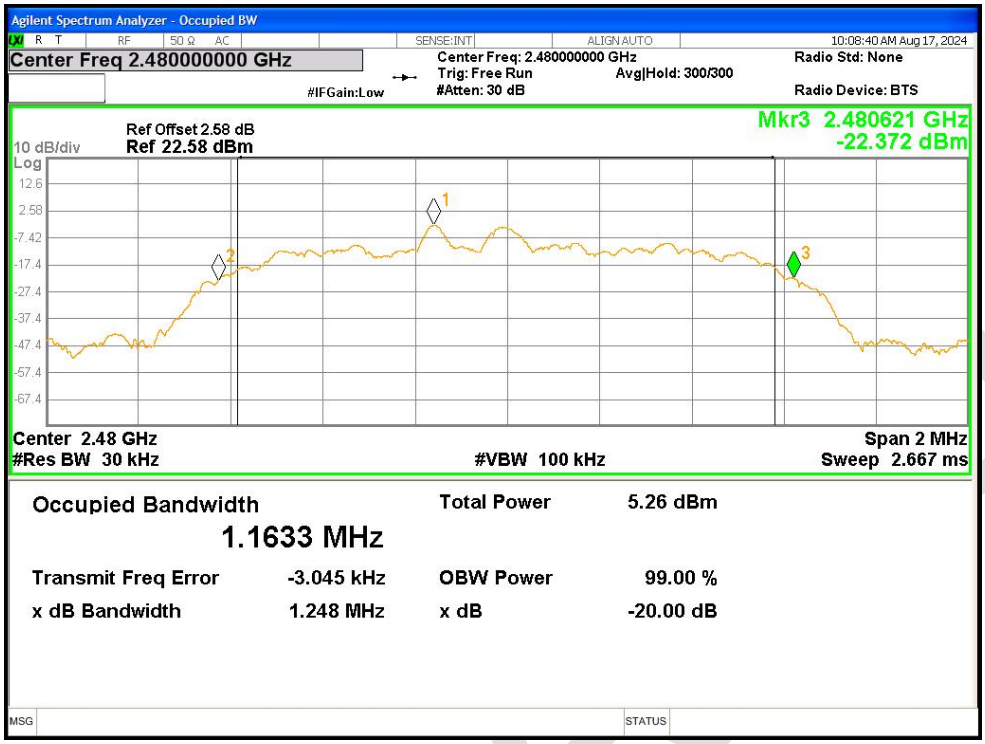


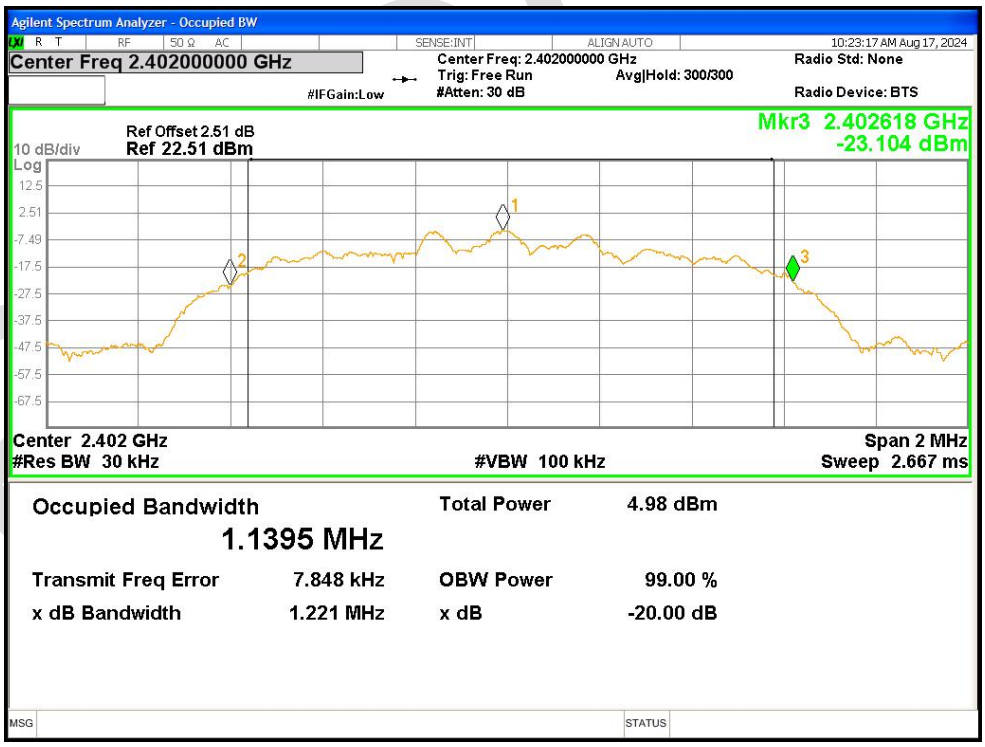
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



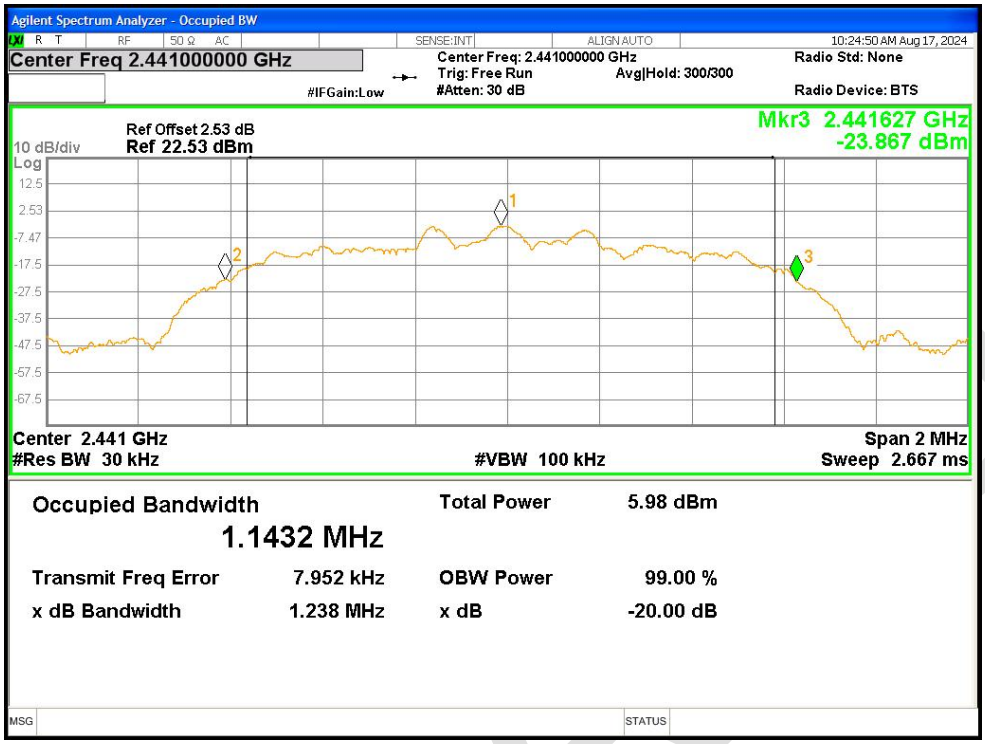
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1



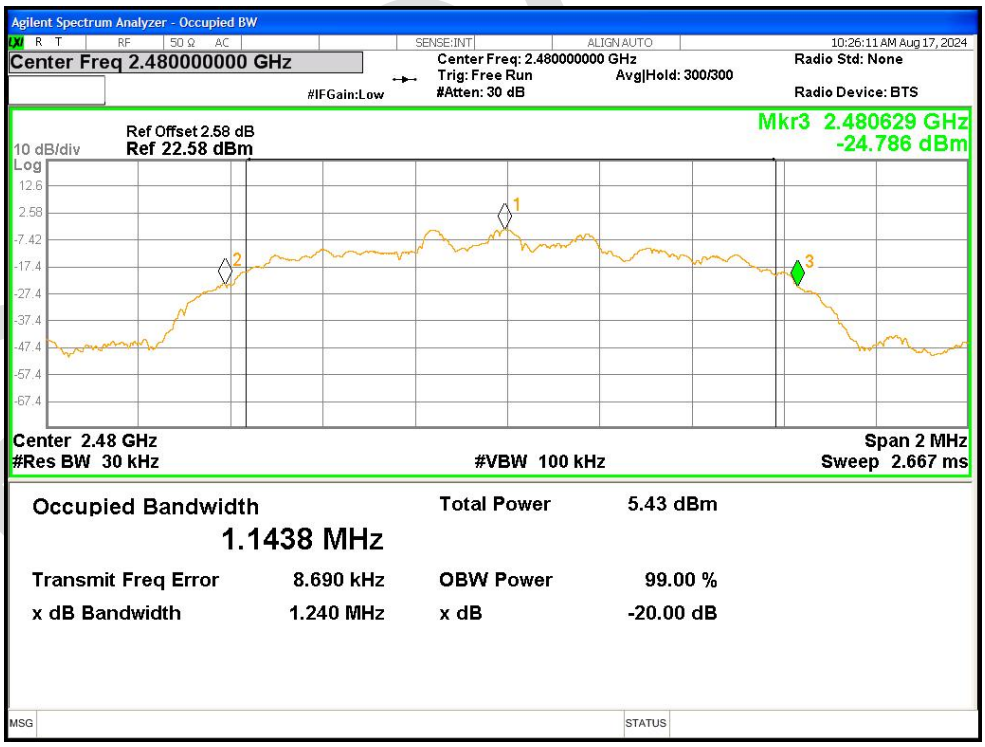
-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



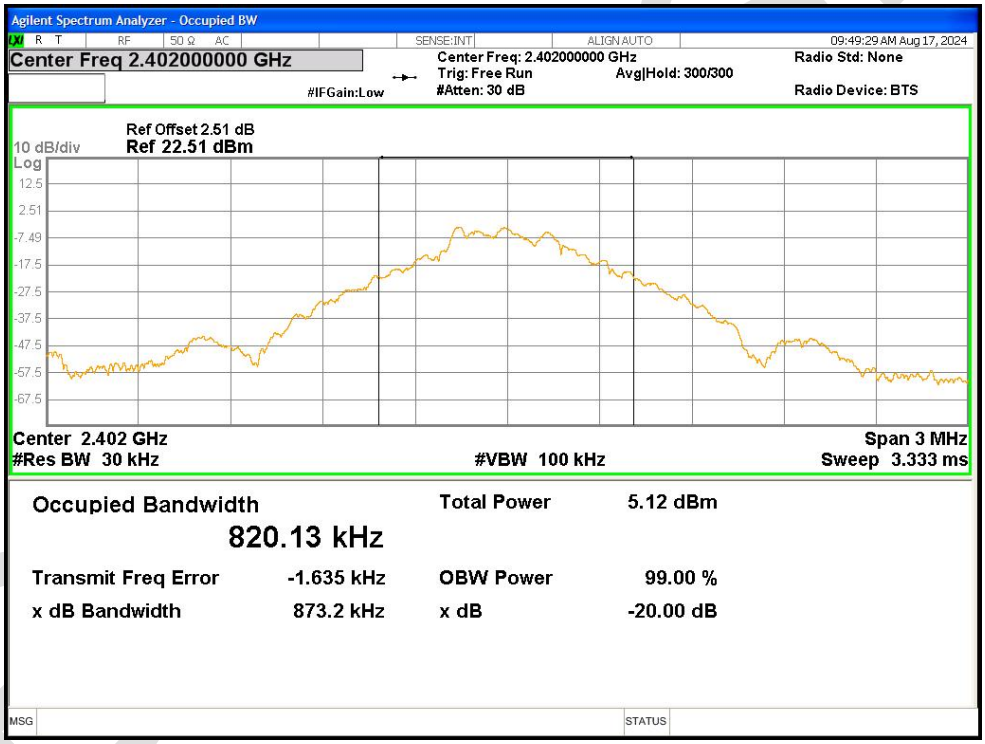
-20dB Bandwidth NVNT 3-DH1 2480MHz Ant1



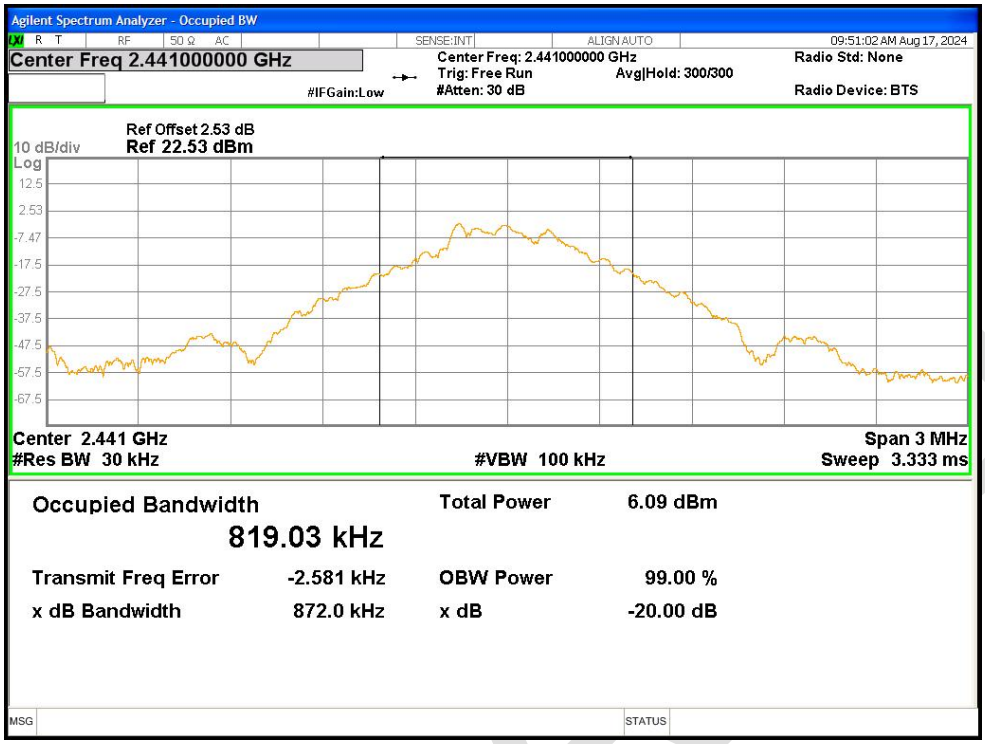
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.82013
NVNT	1-DH1	2441	Ant1	0.81903
NVNT	1-DH1	2480	Ant1	0.81886
NVNT	2-DH1	2402	Ant1	1.1633
NVNT	2-DH1	2441	Ant1	1.1645
NVNT	2-DH1	2480	Ant1	1.1654
NVNT	3-DH1	2402	Ant1	1.1438
NVNT	3-DH1	2441	Ant1	1.1455
NVNT	3-DH1	2480	Ant1	1.1481

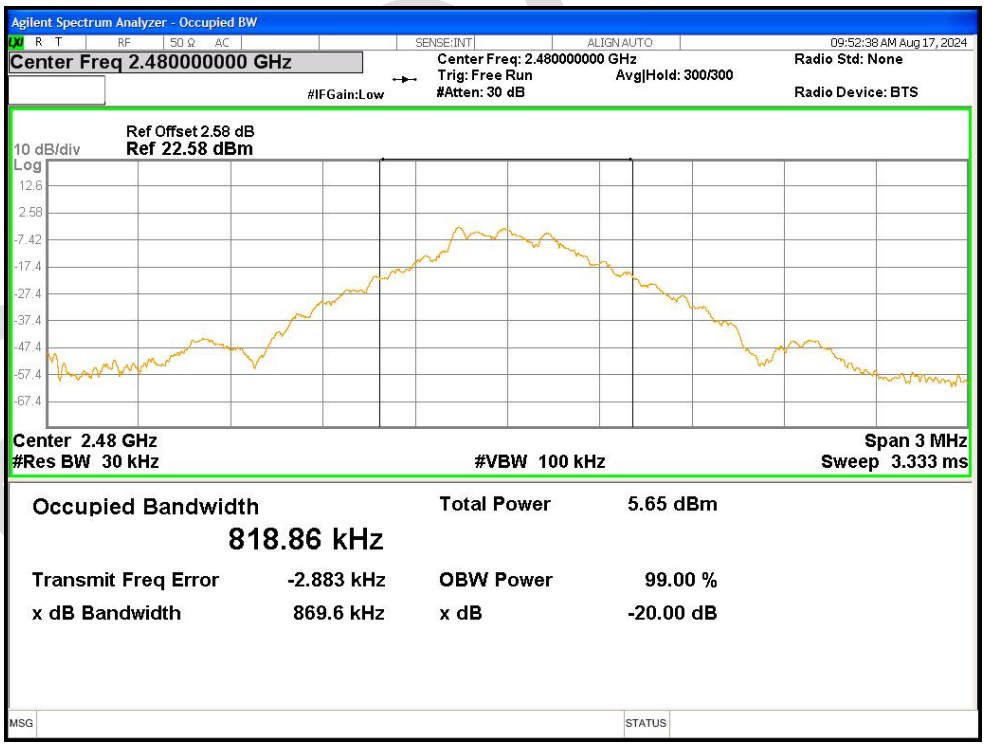
OBW NVNT 1-DH1 2402MHz Ant1



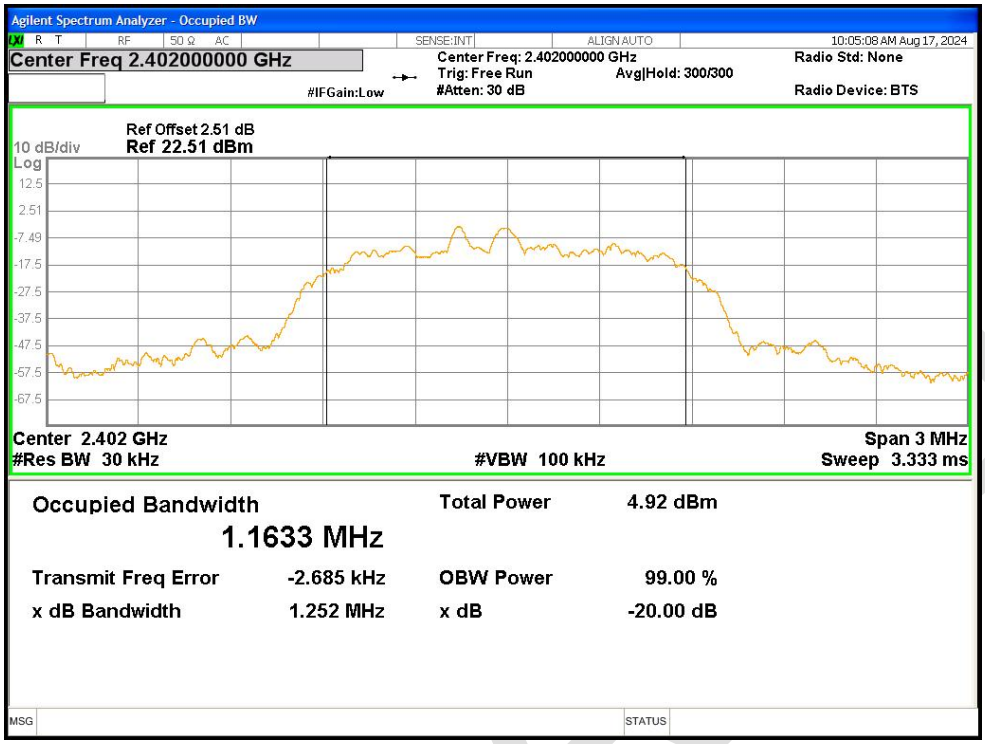
OBW NVNT 1-DH1 2441MHz Ant1



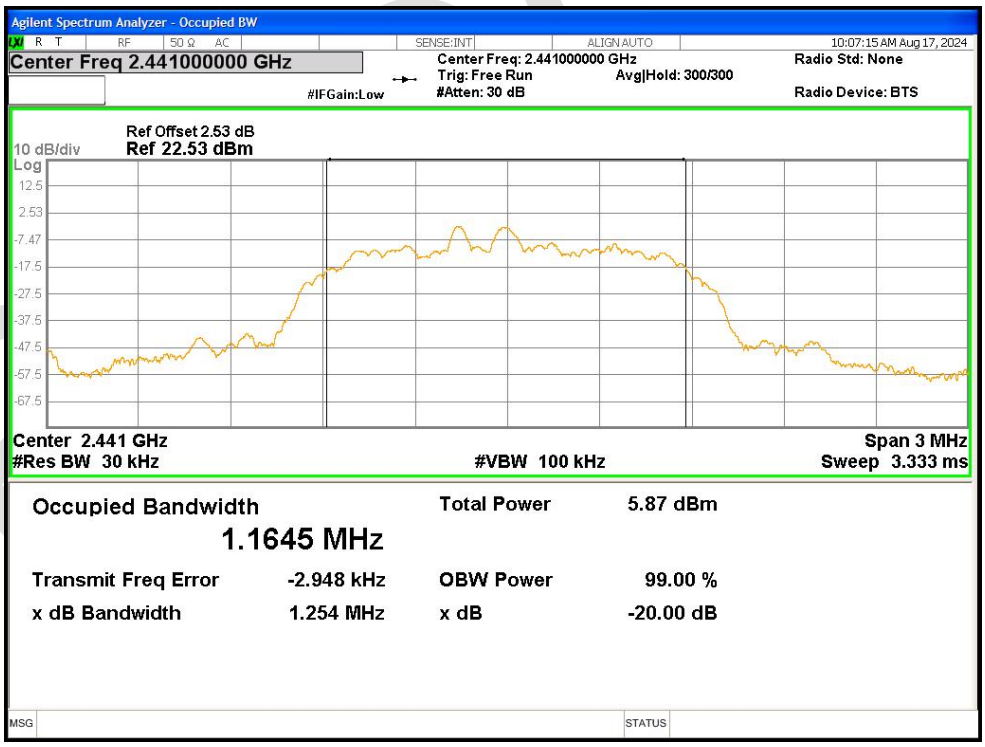
OBW NVNT 1-DH1 2480MHz Ant1



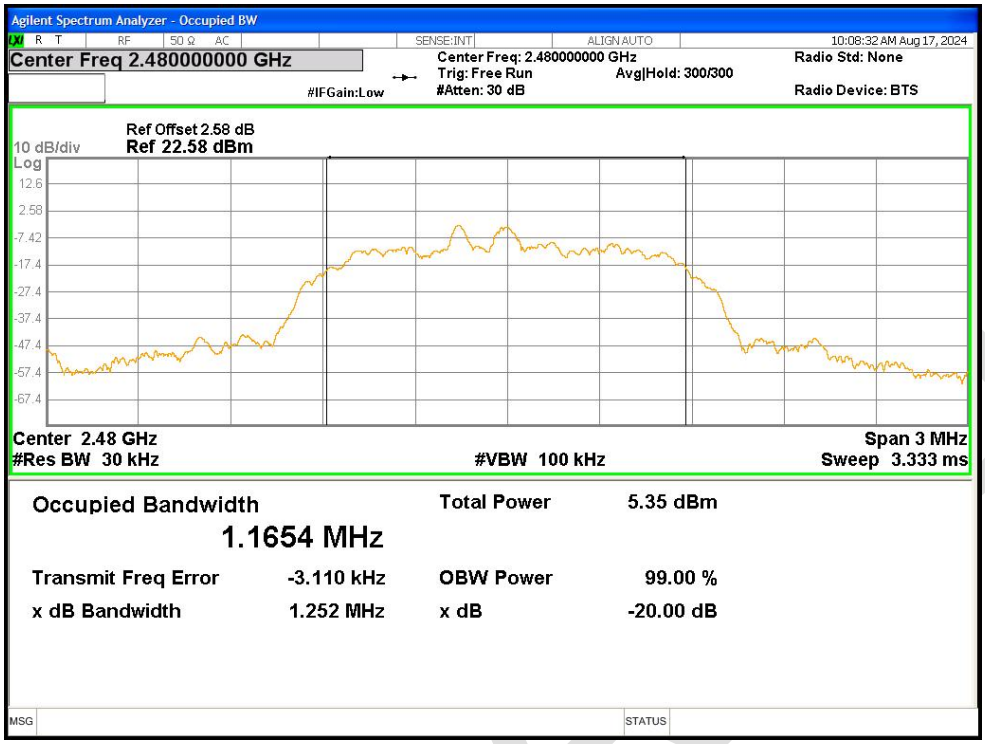
OBW NVNT 2-DH1 2402MHz Ant1



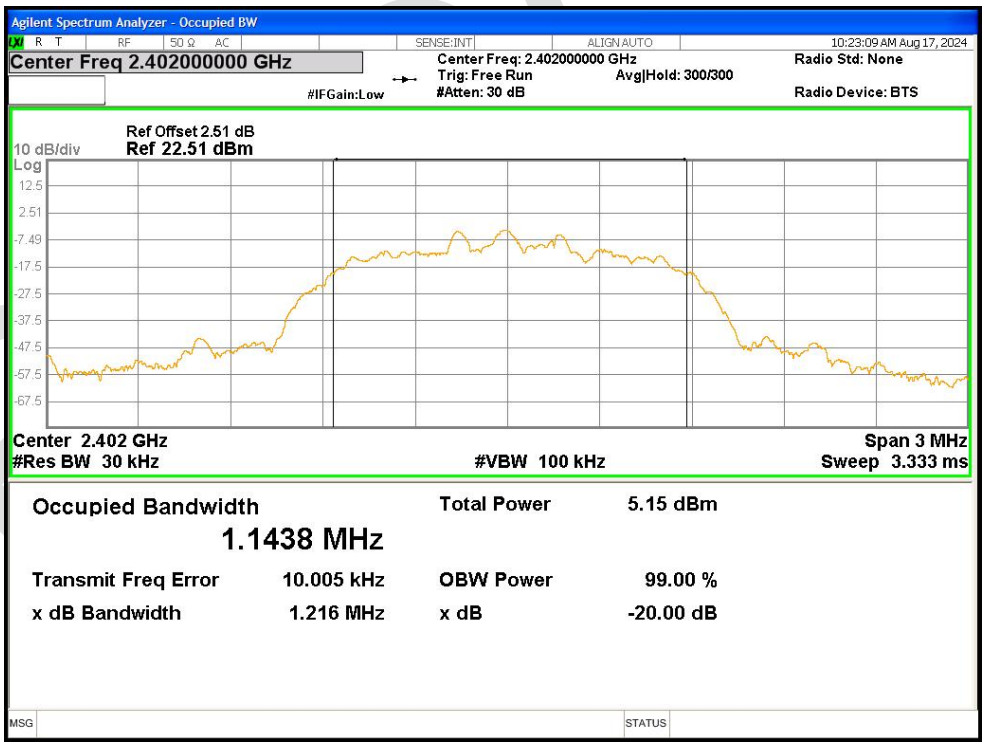
OBW NVNT 2-DH1 2441MHz Ant1



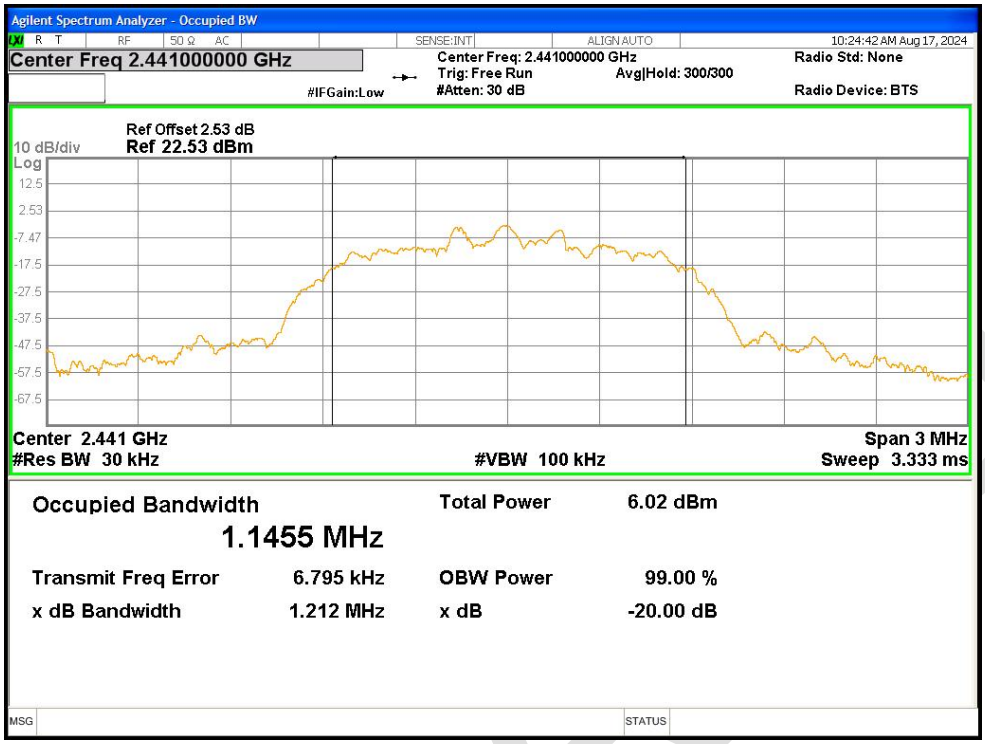
OBW NVNT 2-DH1 2480MHz Ant1



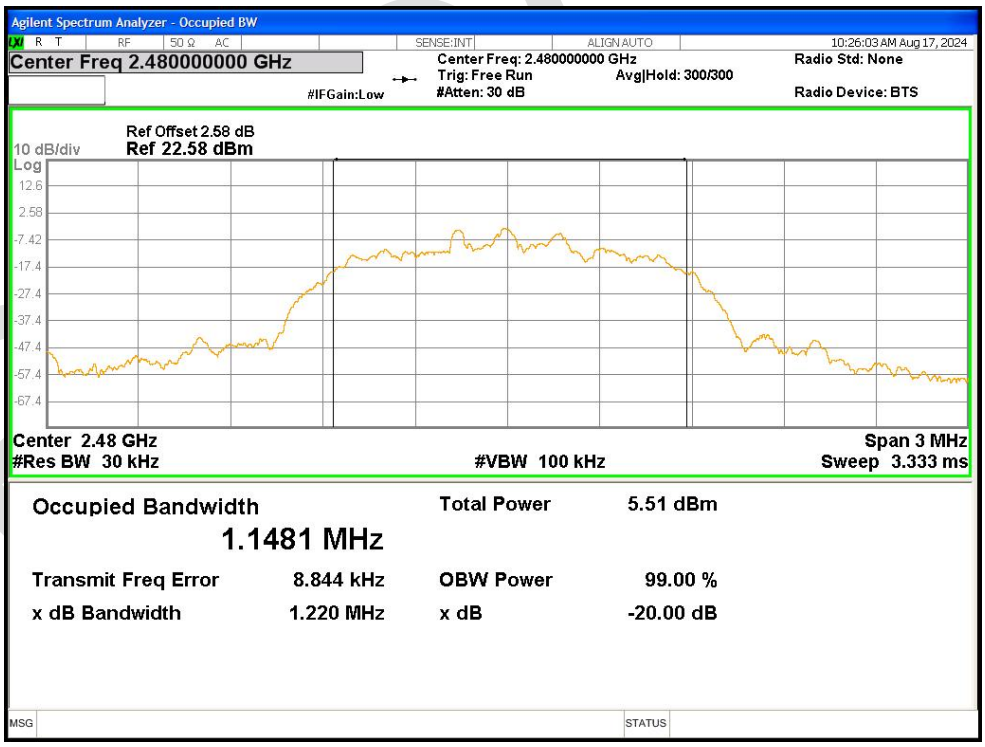
OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



OBW NVNT 3-DH1 2480MHz Ant1

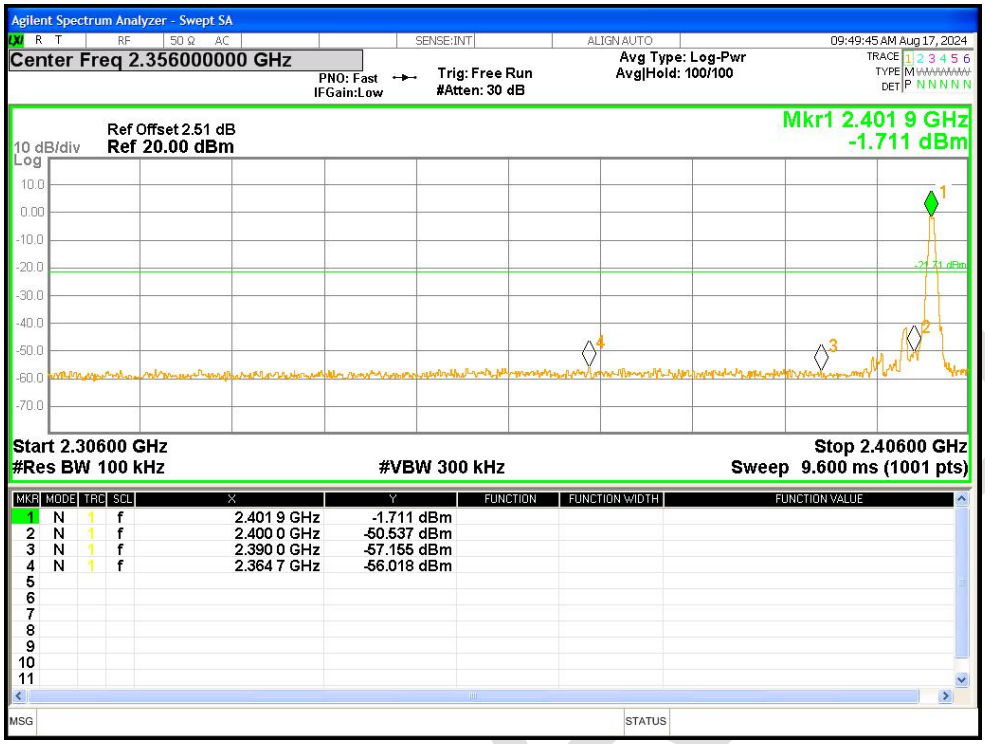


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-54.3	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-53.89	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-53.53	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-54.13	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-52.81	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-52.45	-20	Pass

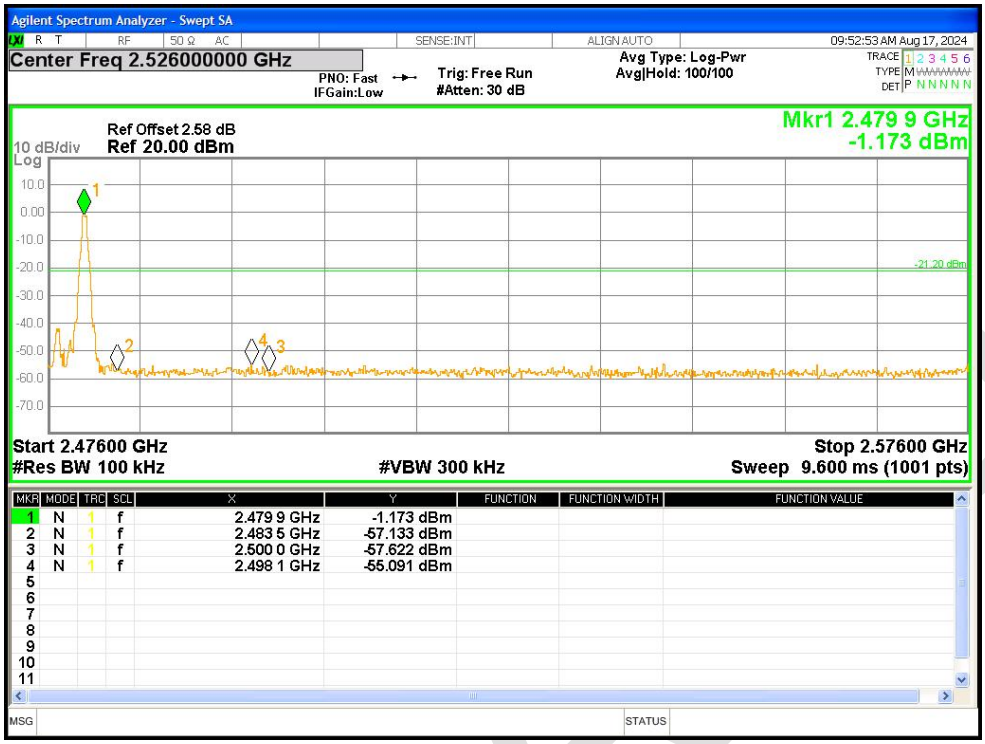
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref

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



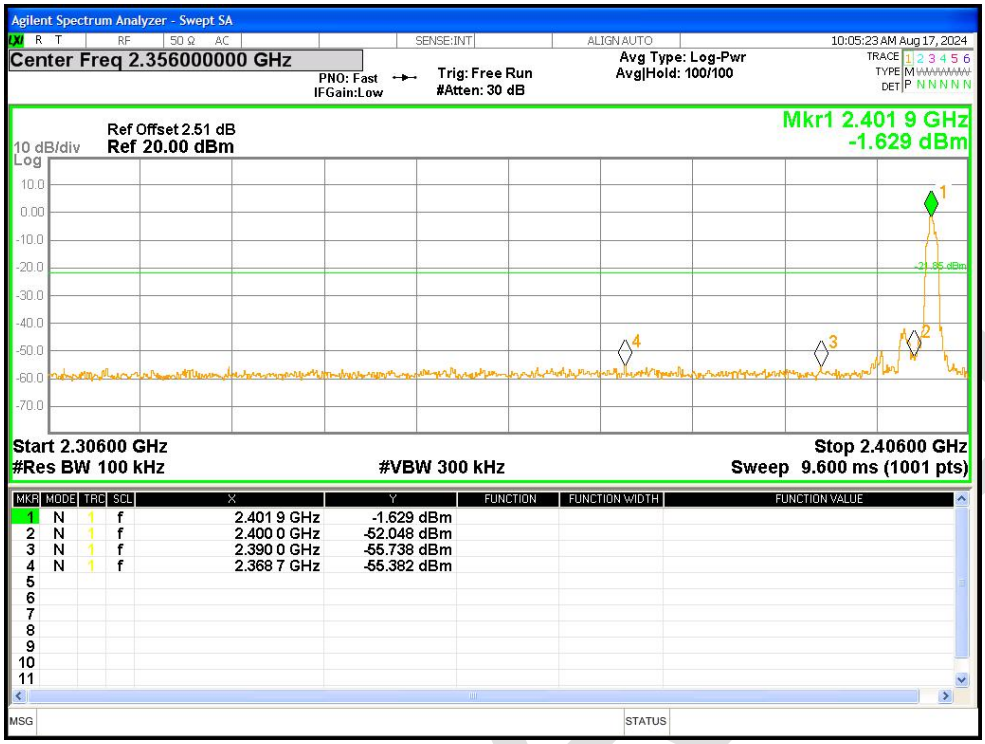
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref

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

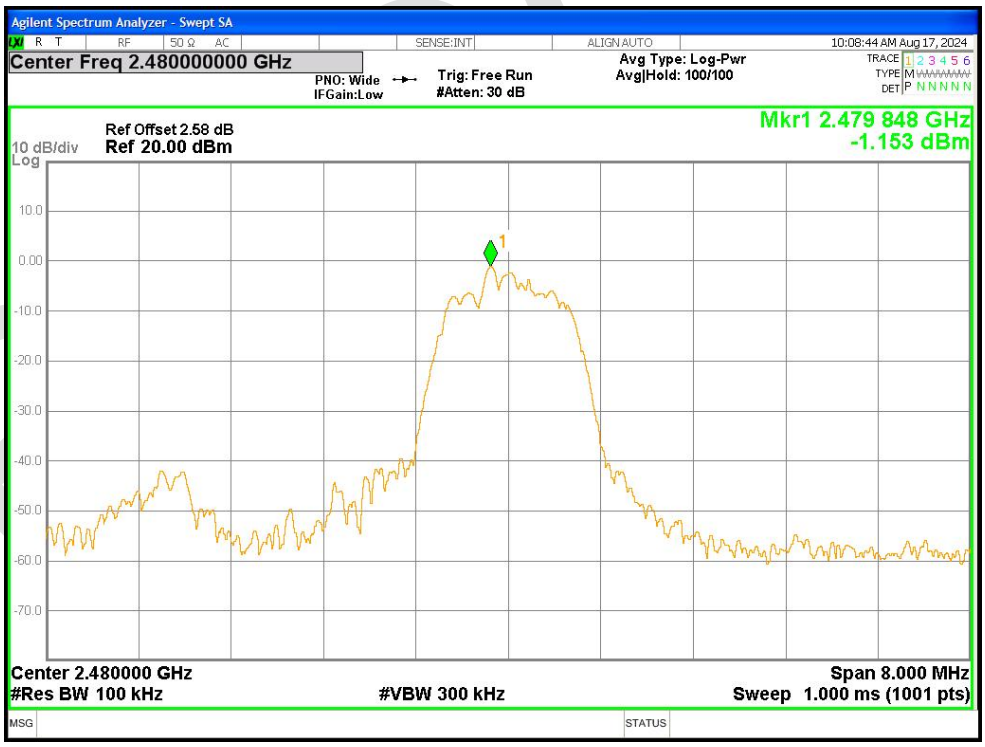


Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref

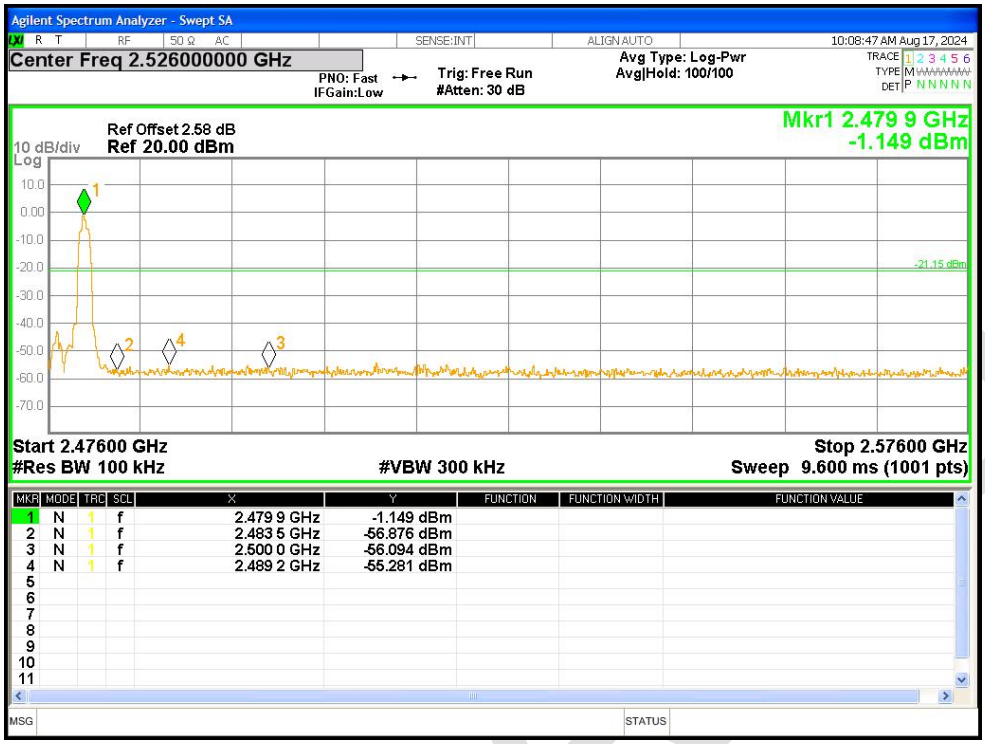
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



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

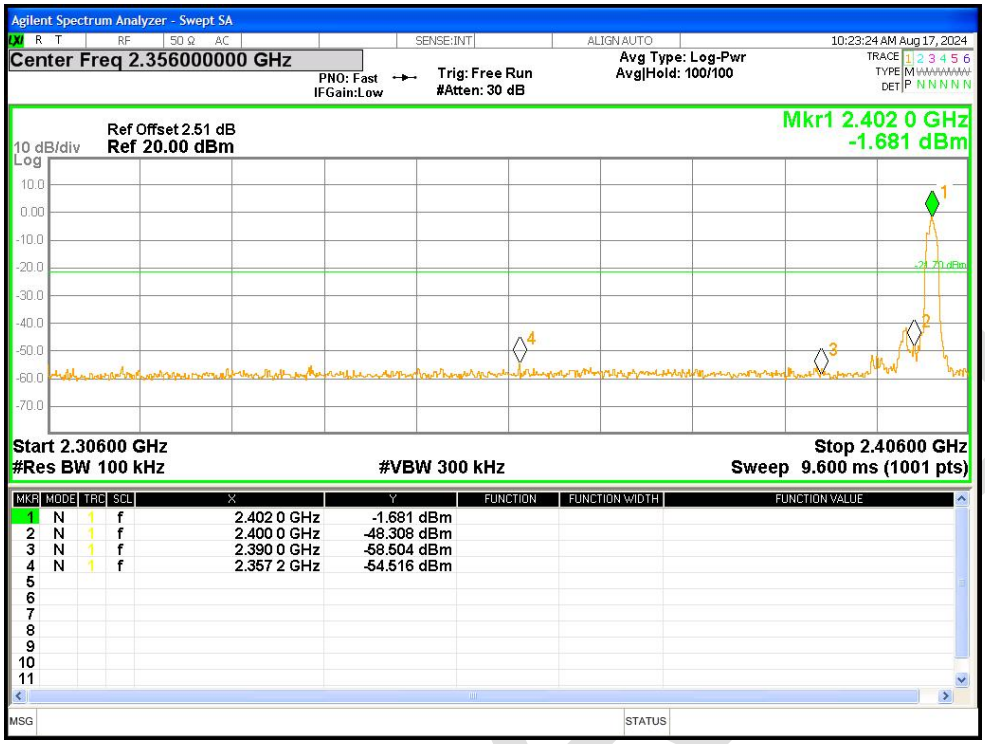


Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission

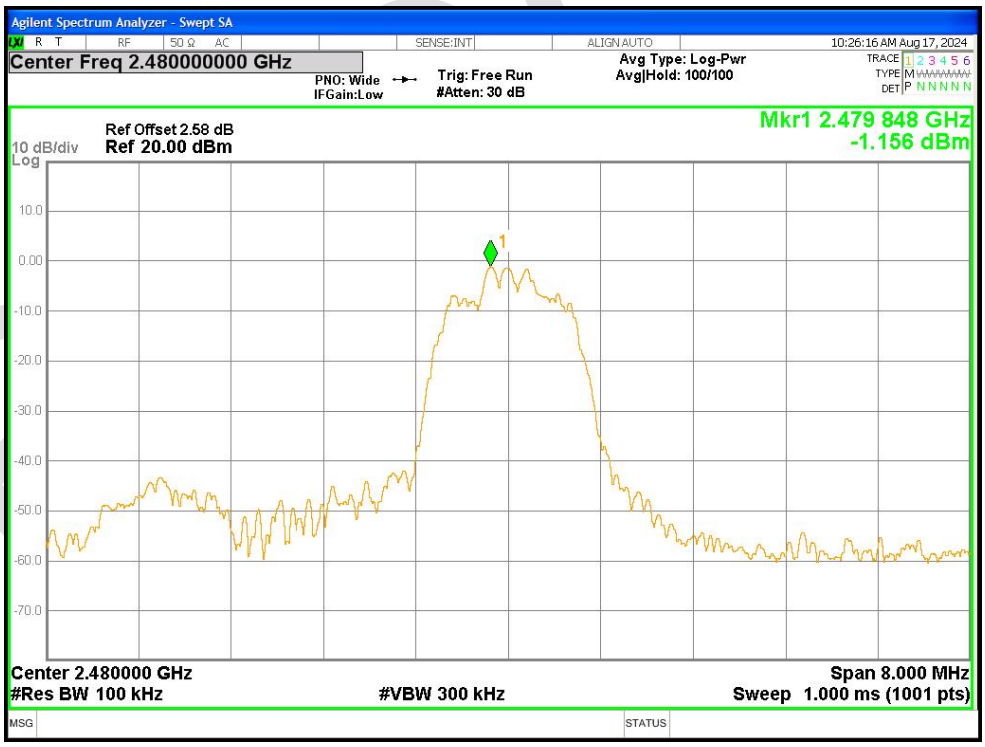


Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref

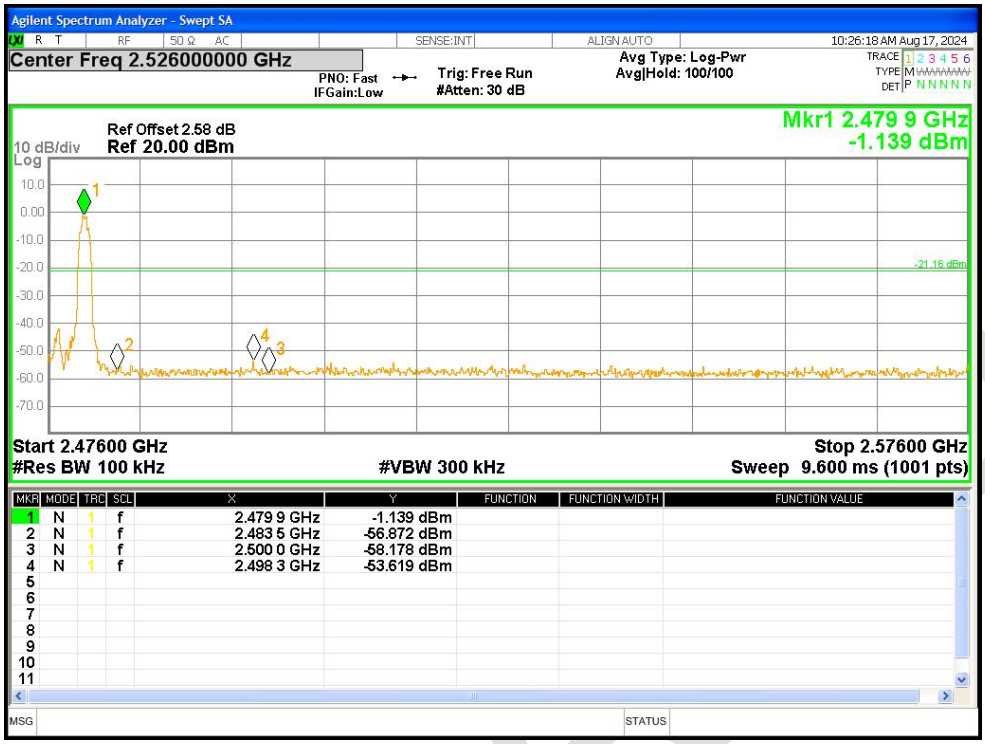
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



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



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

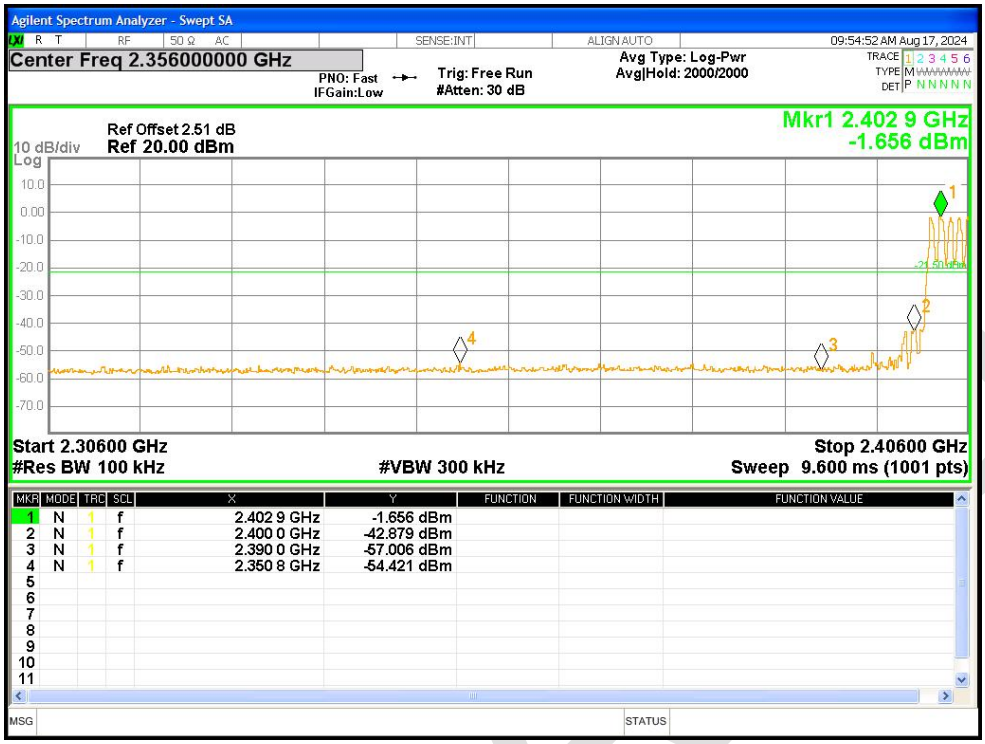

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.526000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
10:26:18 AM Aug 17, 2024
Ref Offset 2.58 dB
10 dB/div
Ref 20.00 dBm
Mkr1 2.479 9 GHz
-1.139 dBm
-21.16 dBm
Start 2.47600 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.57600 GHz
Sweep 9.600 ms (1001 pts)
1 N 1 f 2.479 9 GHz -1.139 dBm
2 N 1 f 2.483 5 GHz -56.872 dBm
3 N 1 f 2.500 0 GHz -58.178 dBm
4 N 1 f 2.498 3 GHz -53.619 dBm

Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-52.92	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-52.98	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-52.49	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-51.7	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-52.97	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-52.77	-20	Pass

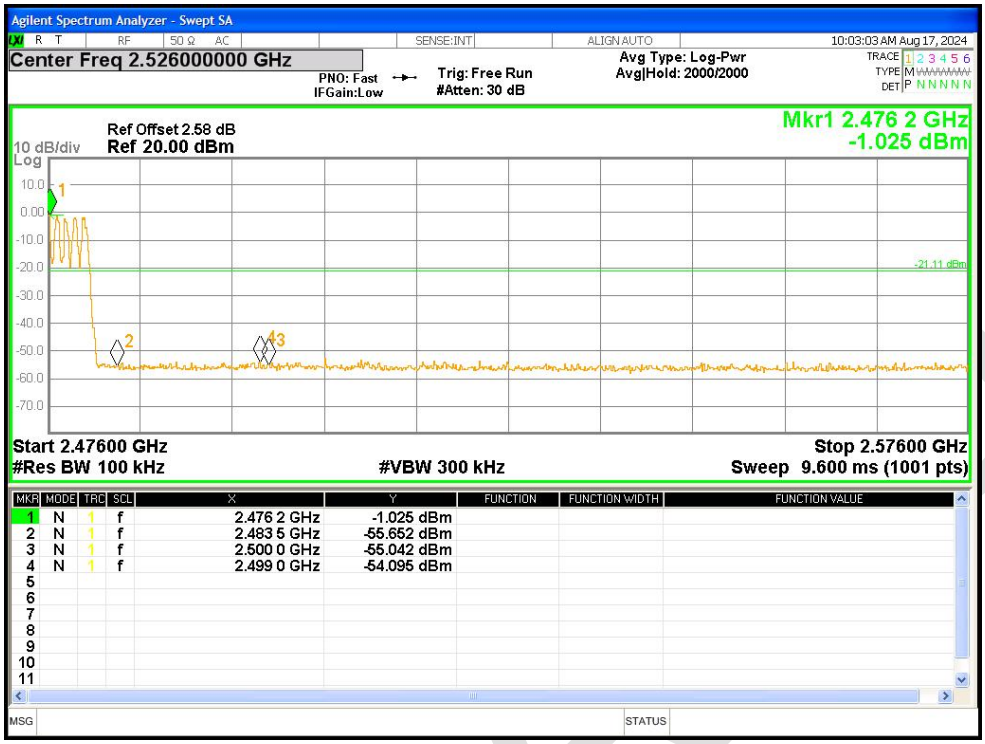
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref

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

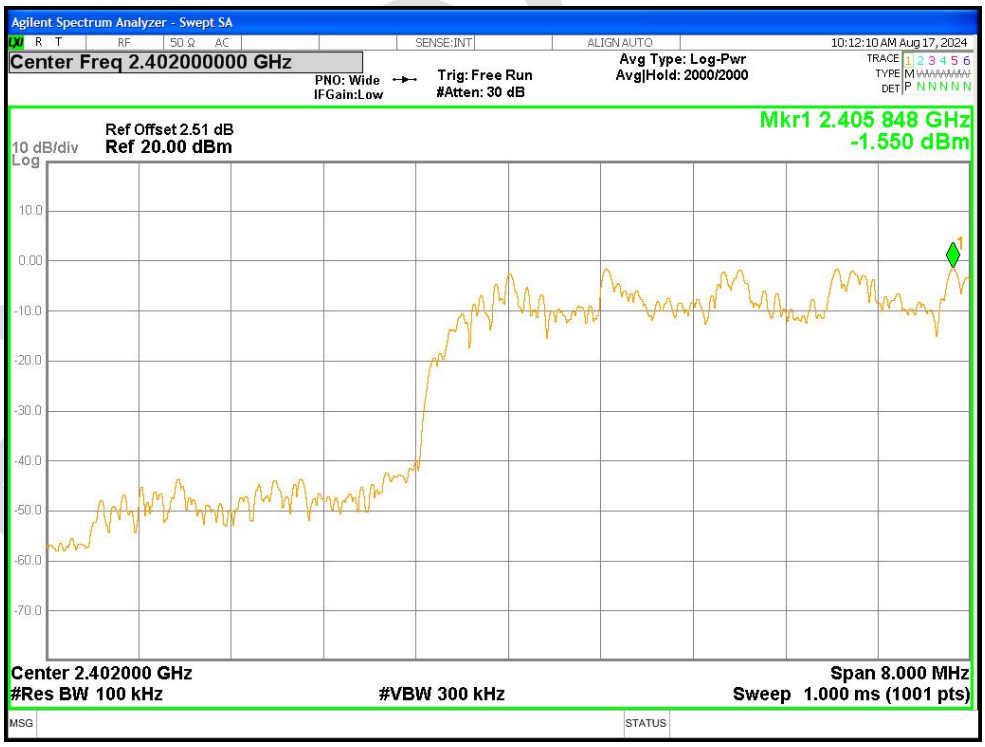


Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref

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



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

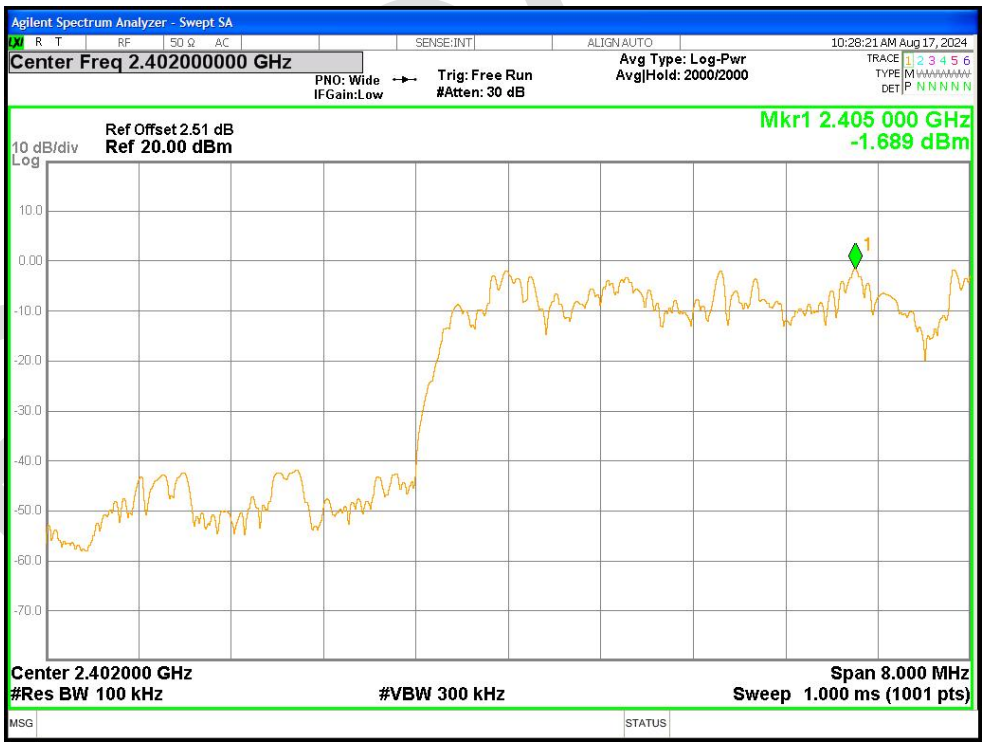


Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission

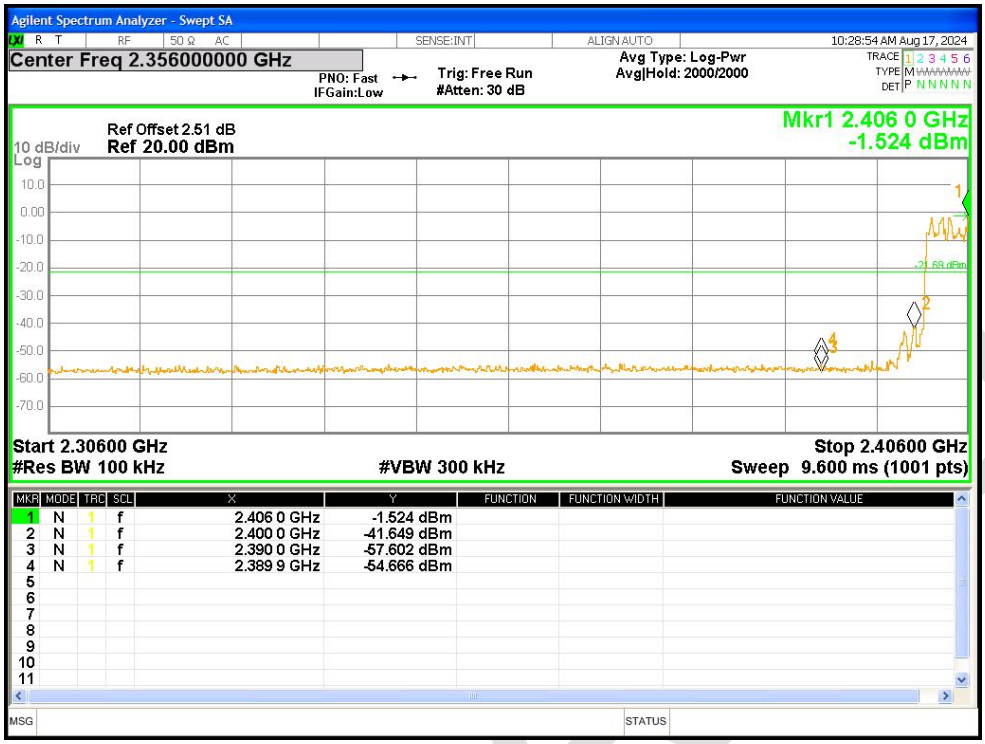
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref

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

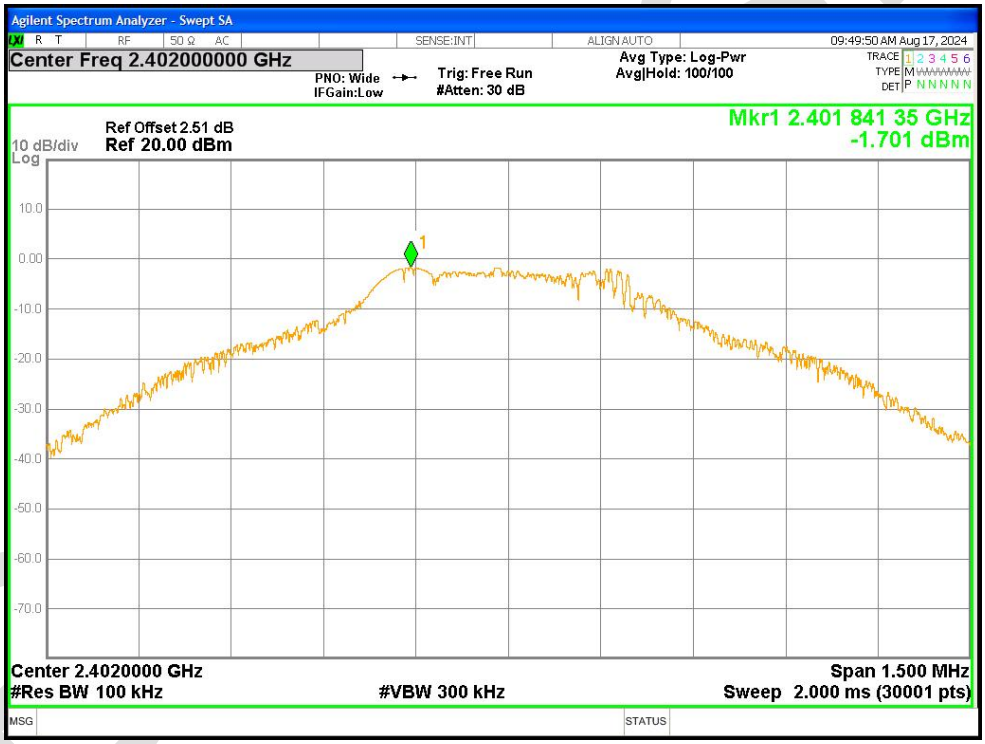
Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission

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
10:34:05 AM Aug 17, 2024
Ref Offset 2.58 dB
10 dB/div
Ref 20.00 dBm
Mkr1 2.476 2 GHz
-1.152 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 2 GHz -1.152 dBm
2 N 1 f 2.483 5 GHz -55.851 dBm
3 N 1 f 2.500 0 GHz -54.984 dBm
4 N 1 f 2.499 5 GHz -54.312 dBm

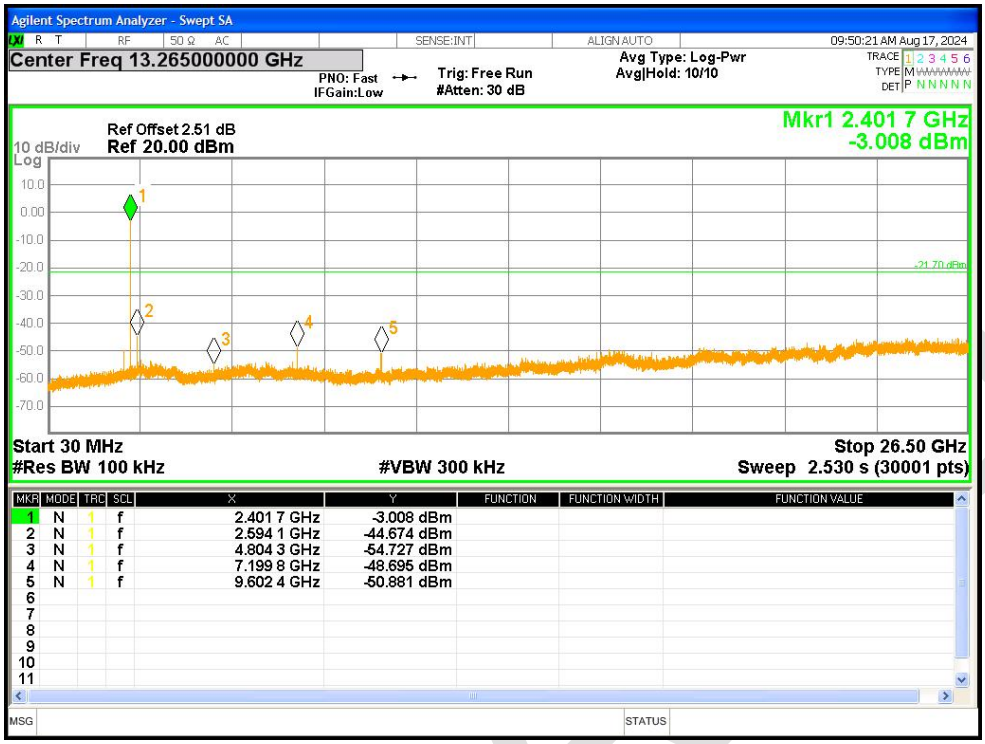
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-42.97	-20	Pass
NVNT	1-DH1	2441	Ant1	-43.77	-20	Pass
NVNT	1-DH1	2480	Ant1	-43.72	-20	Pass
NVNT	2-DH1	2402	Ant1	-43.18	-20	Pass
NVNT	2-DH1	2441	Ant1	-44.08	-20	Pass
NVNT	2-DH1	2480	Ant1	-43.74	-20	Pass
NVNT	3-DH1	2402	Ant1	-43.31	-20	Pass
NVNT	3-DH1	2441	Ant1	-44.22	-20	Pass
NVNT	3-DH1	2480	Ant1	-43.36	-20	Pass

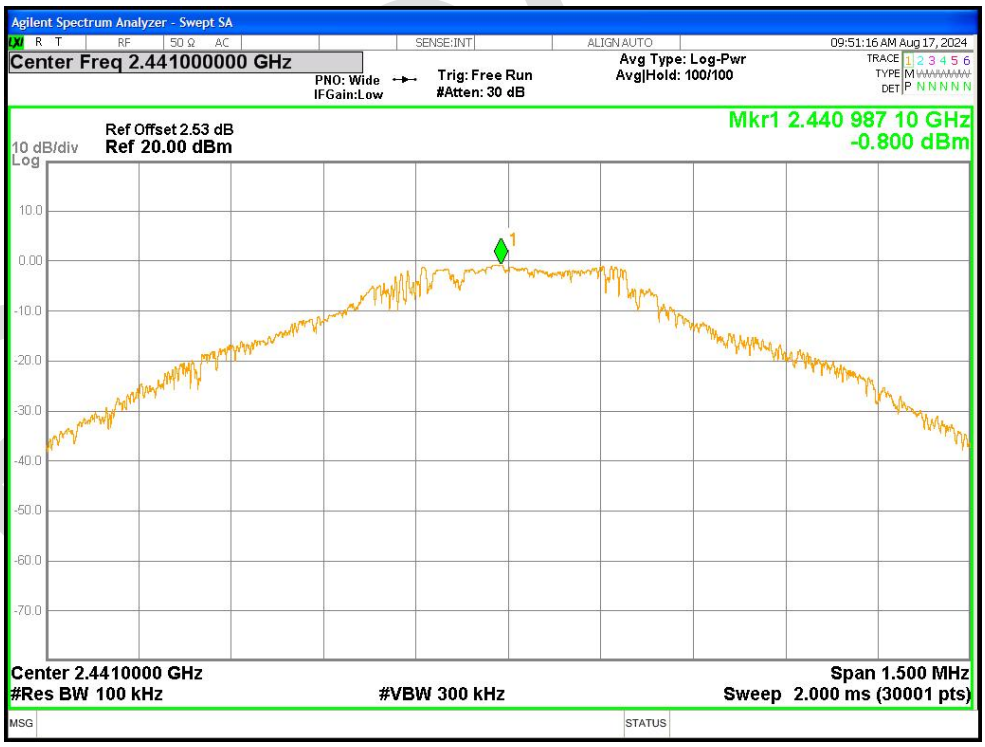
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission