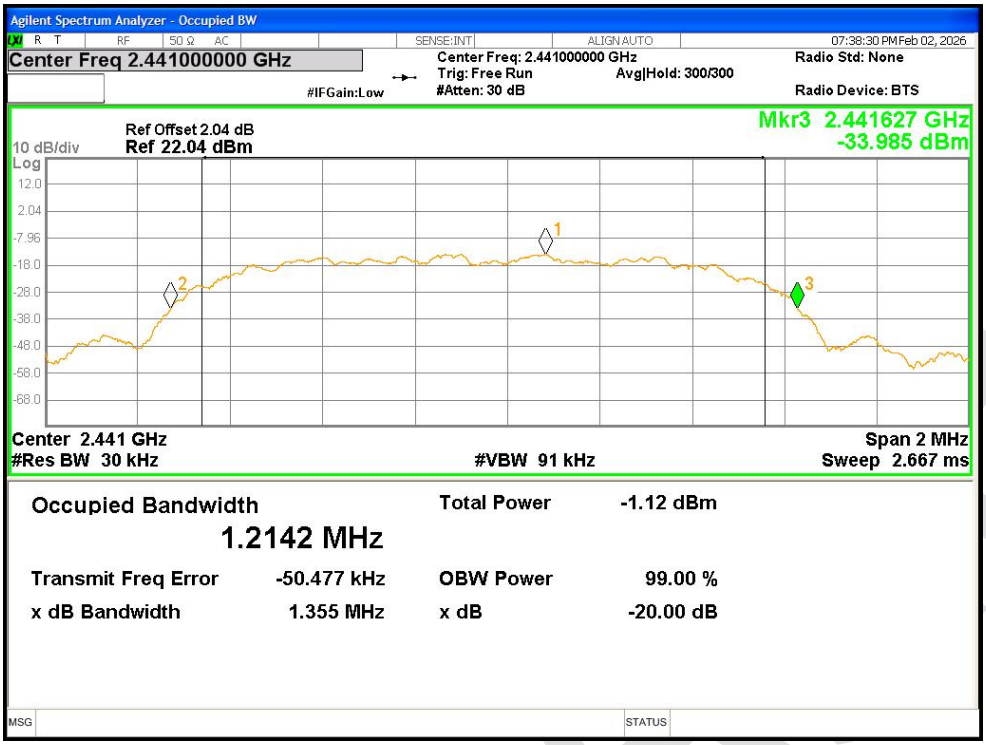
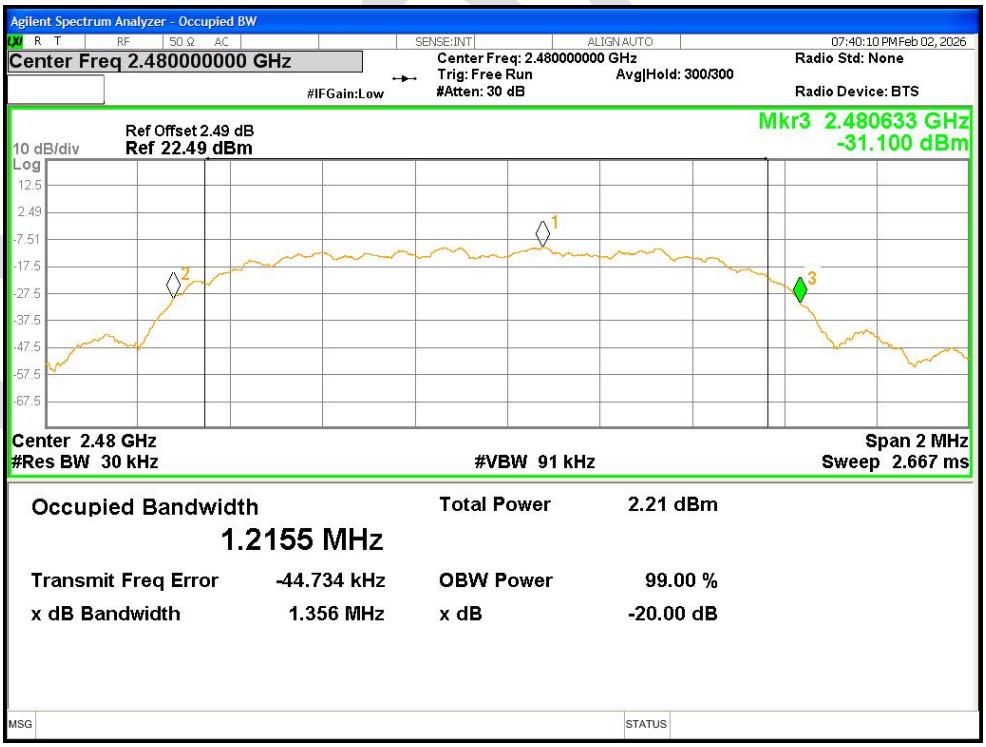


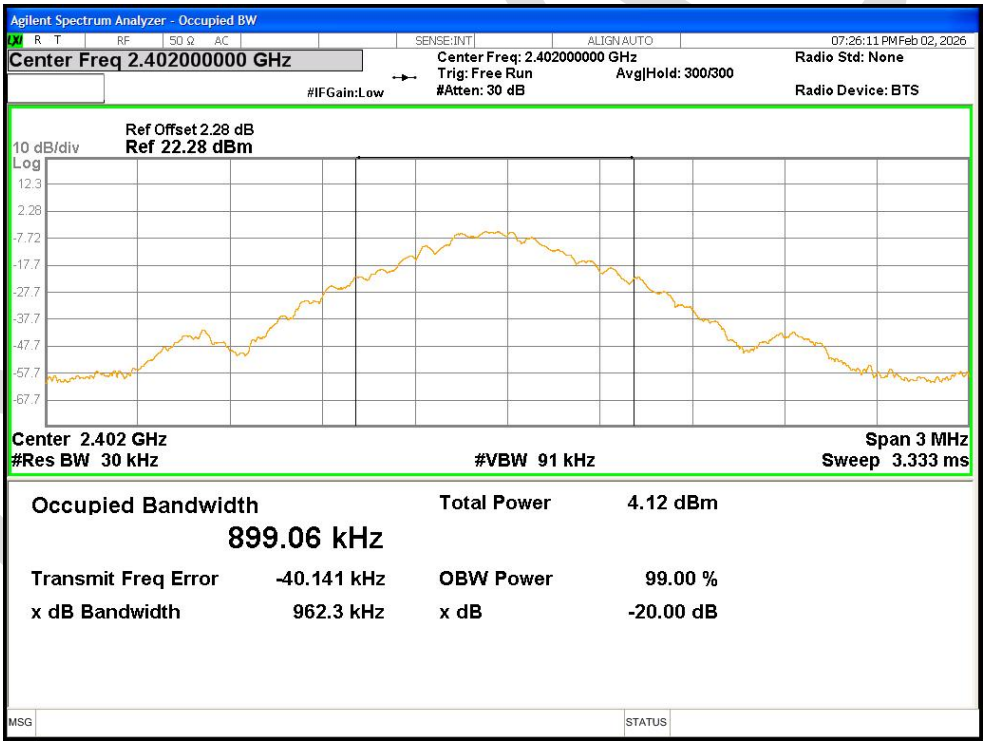
-20dB Bandwidth NVNT 3-DH1 2480MHz Ant1



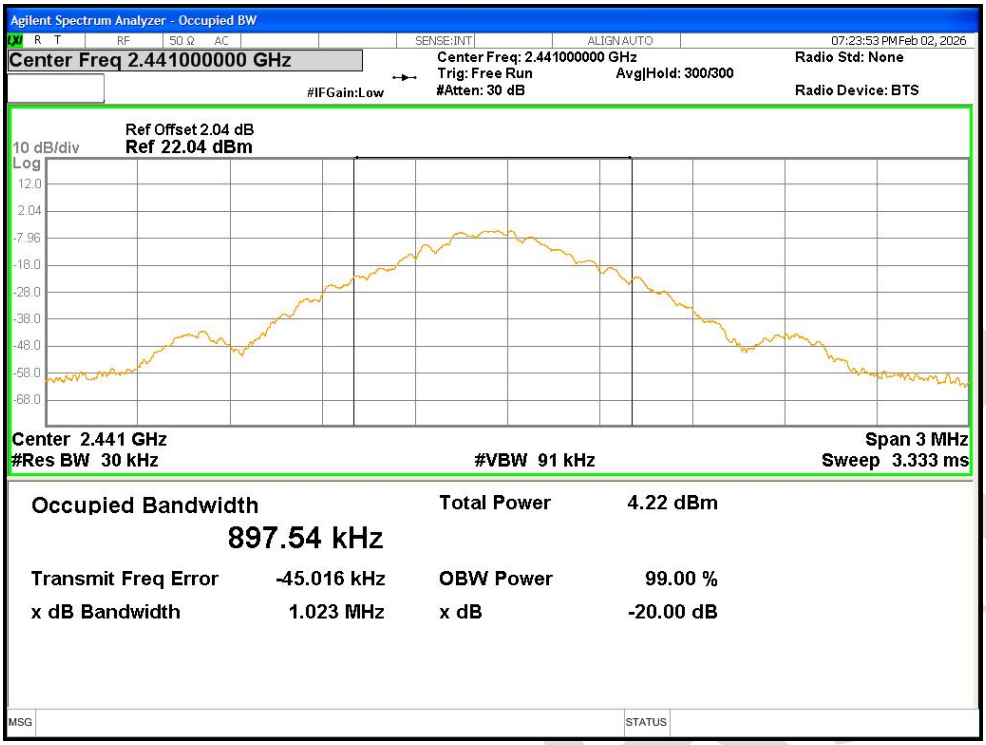
7.3 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.89906
NVNT	1-DH1	2441	Ant1	0.89754
NVNT	1-DH1	2480	Ant1	0.89913
NVNT	2-DH1	2402	Ant1	1.2150
NVNT	2-DH1	2441	Ant1	1.2189
NVNT	2-DH1	2480	Ant1	1.2121
NVNT	3-DH1	2402	Ant1	1.2198
NVNT	3-DH1	2441	Ant1	1.2180
NVNT	3-DH1	2480	Ant1	1.2163

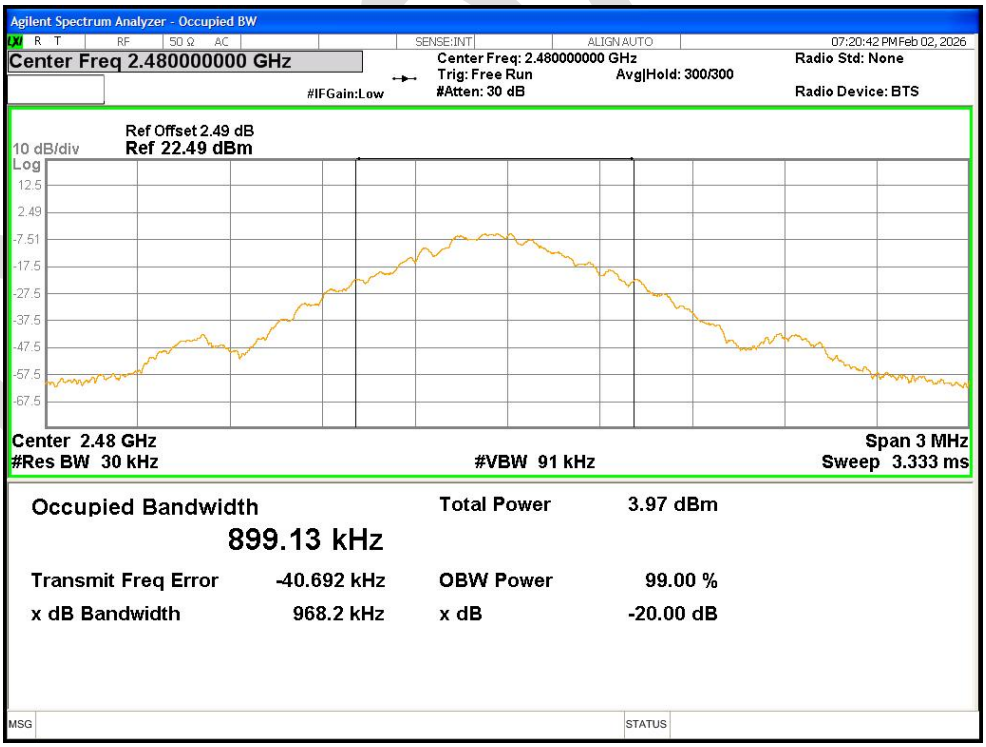
OBW NVNT 1-DH1 2402MHz Ant1



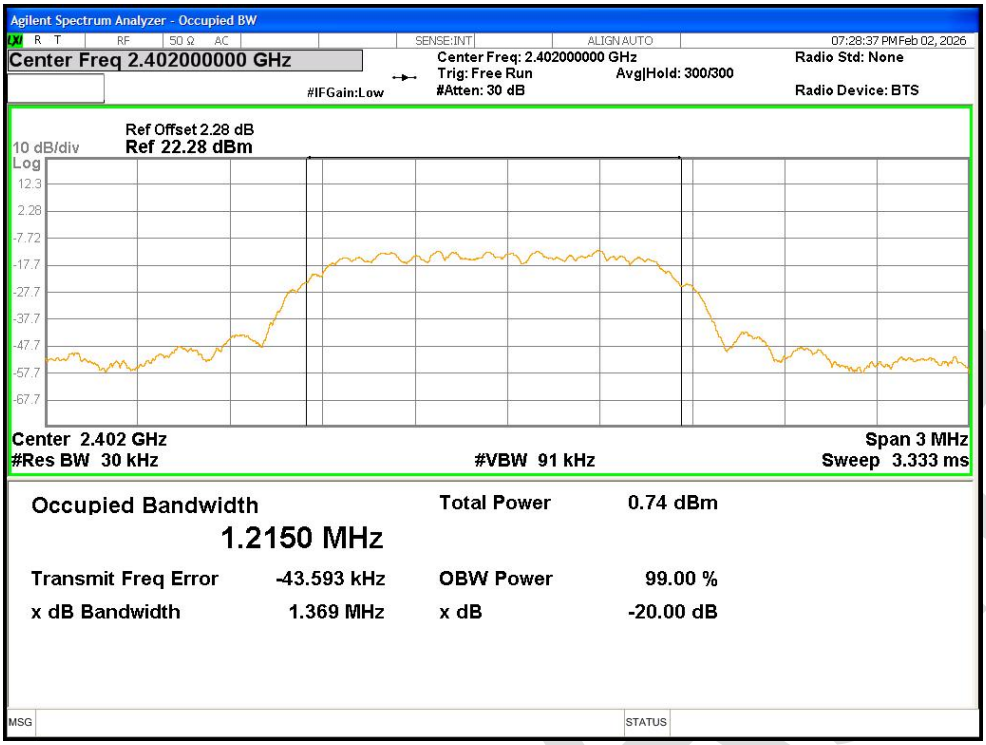
OBW NVNT 1-DH1 2441MHz Ant1



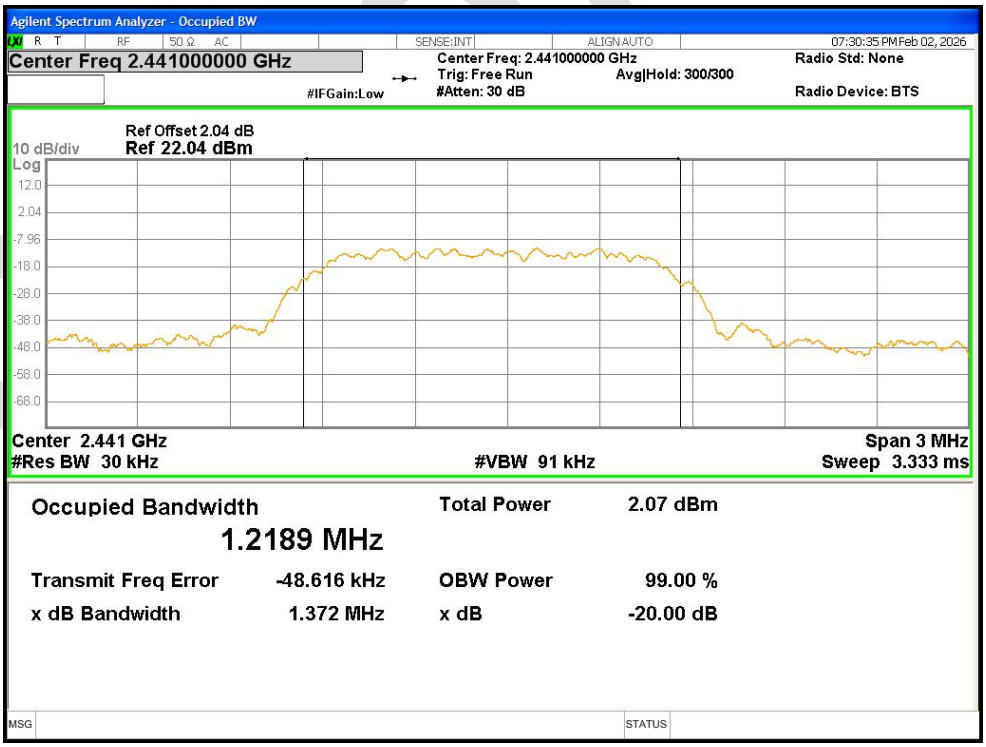
OBW NVNT 1-DH1 2480MHz Ant1



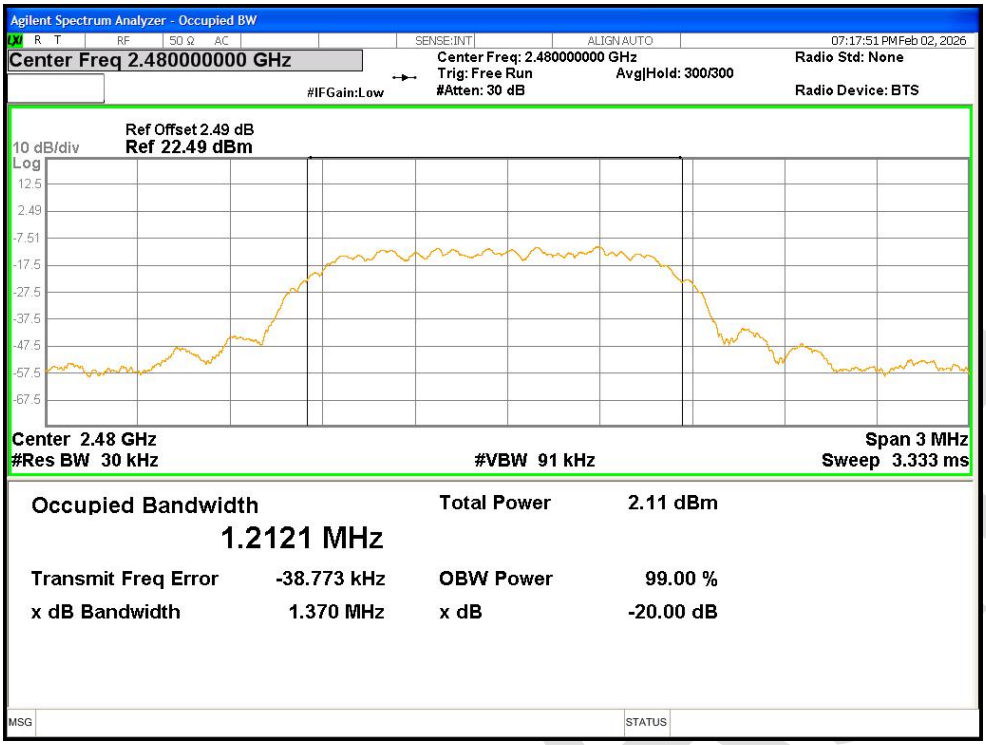
OBW NVNT 2-DH1 2402MHz Ant1



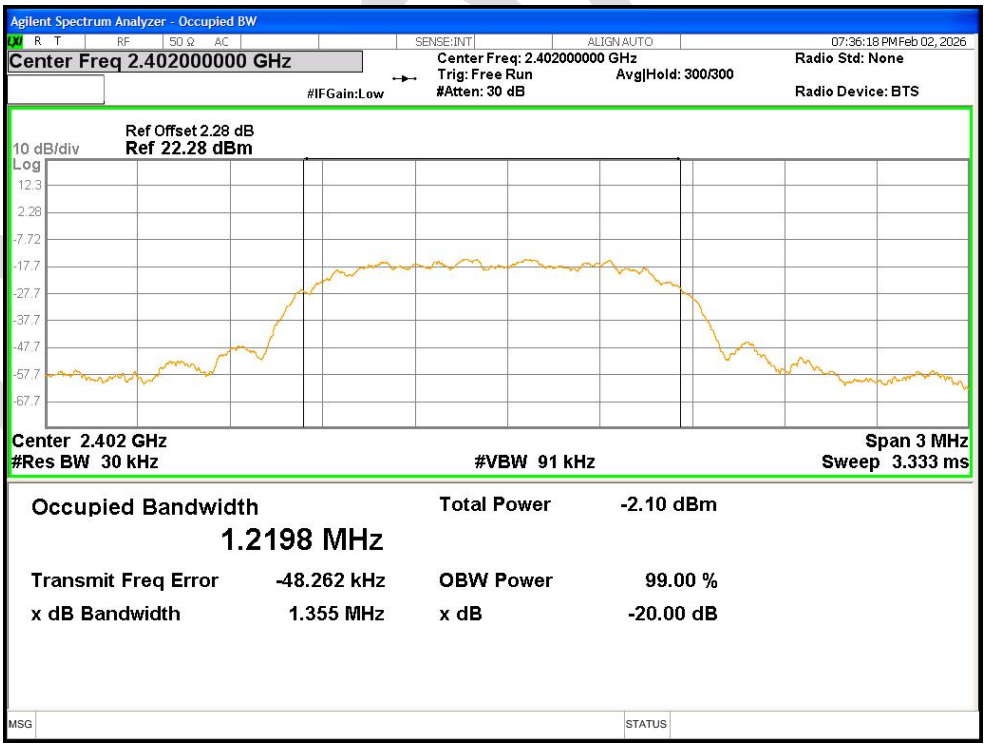
OBW NVNT 2-DH1 2441MHz Ant1



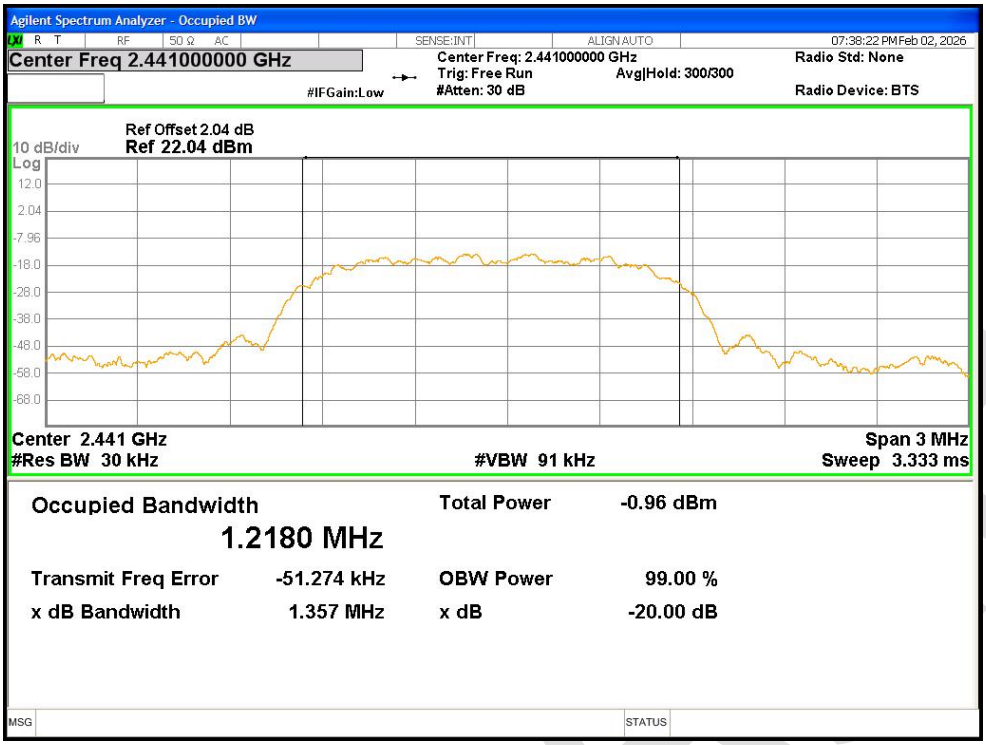
OBW NVNT 2-DH1 2480MHz Ant1



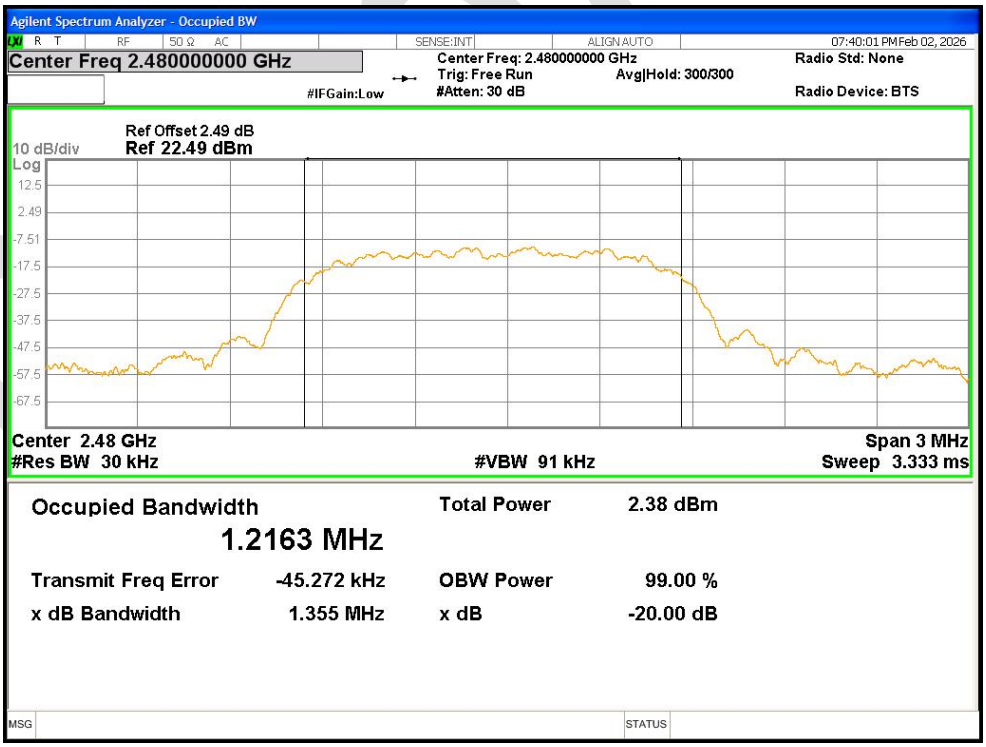
OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



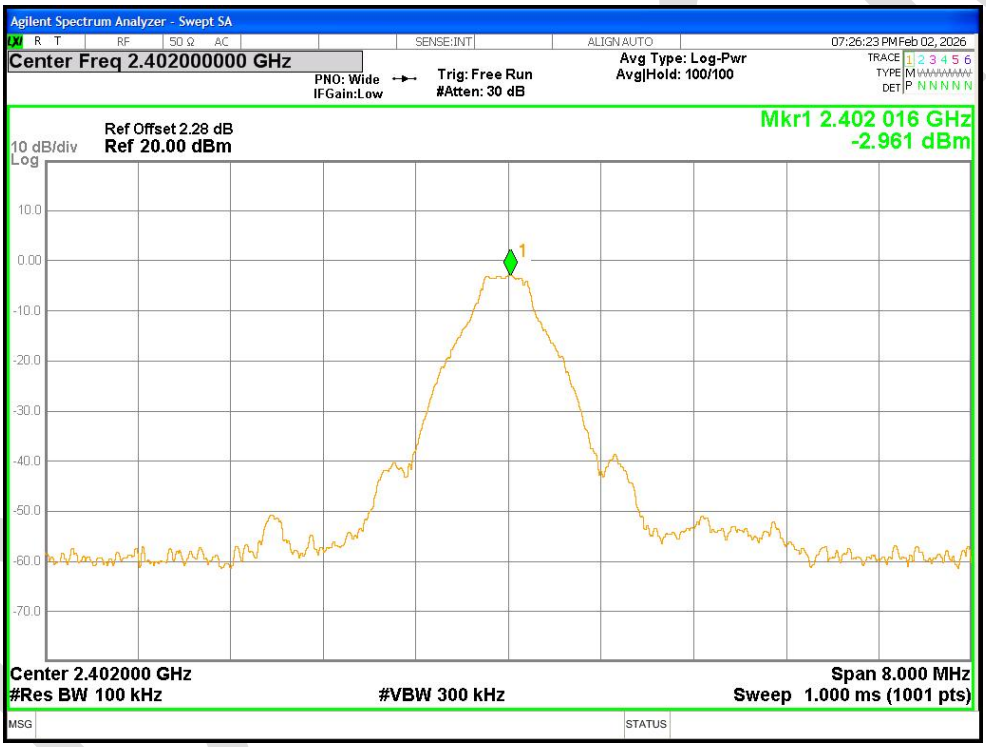
OBW NVNT 3-DH1 2480MHz Ant1



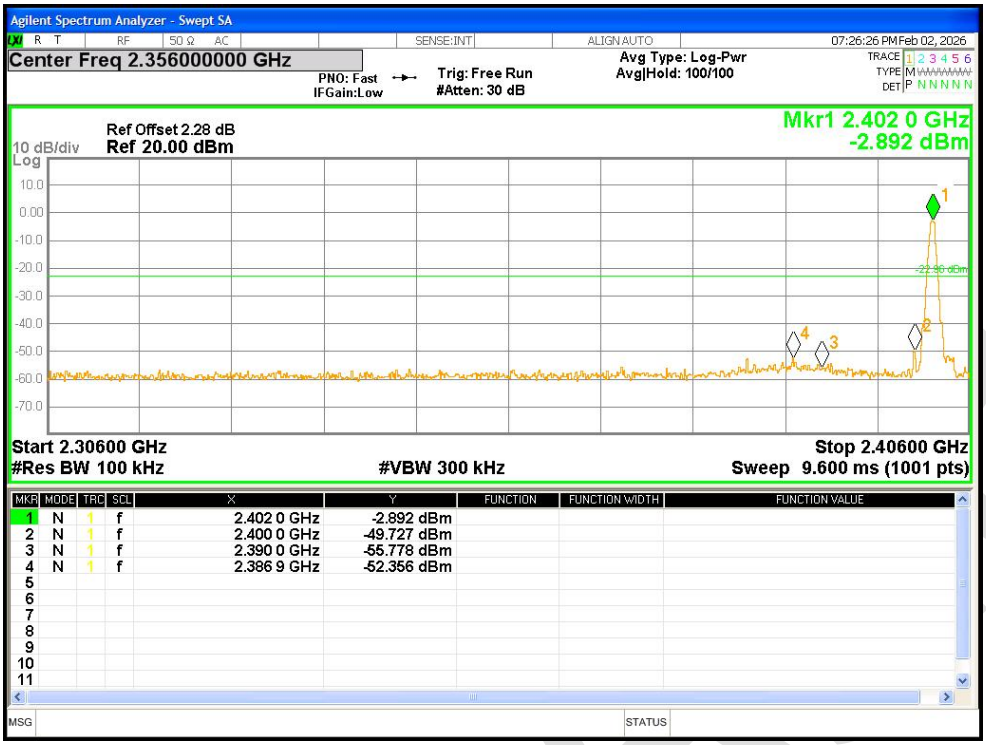
7.4 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-49.39	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-51.03	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-48.16	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-48.83	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-44.81	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-48.56	-20	Pass

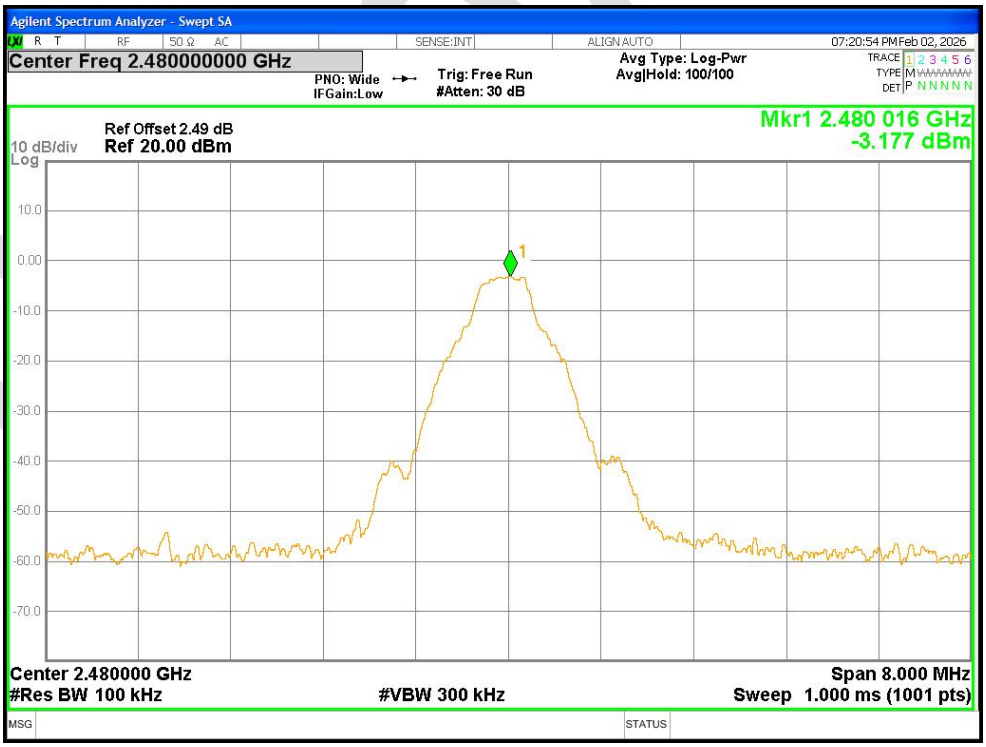
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



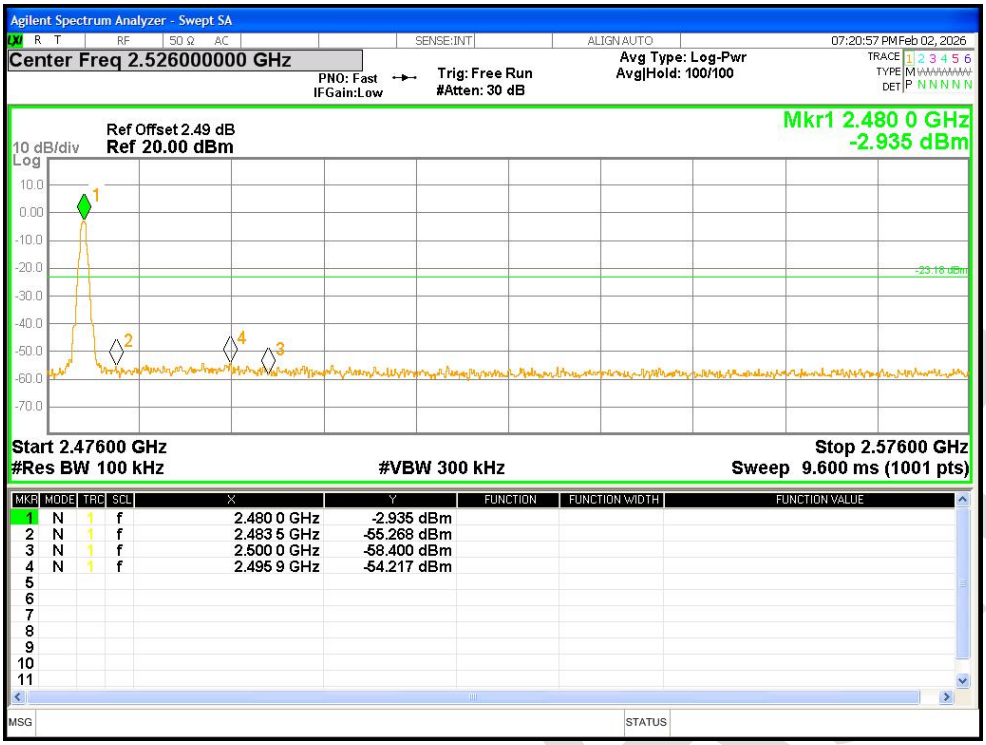
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



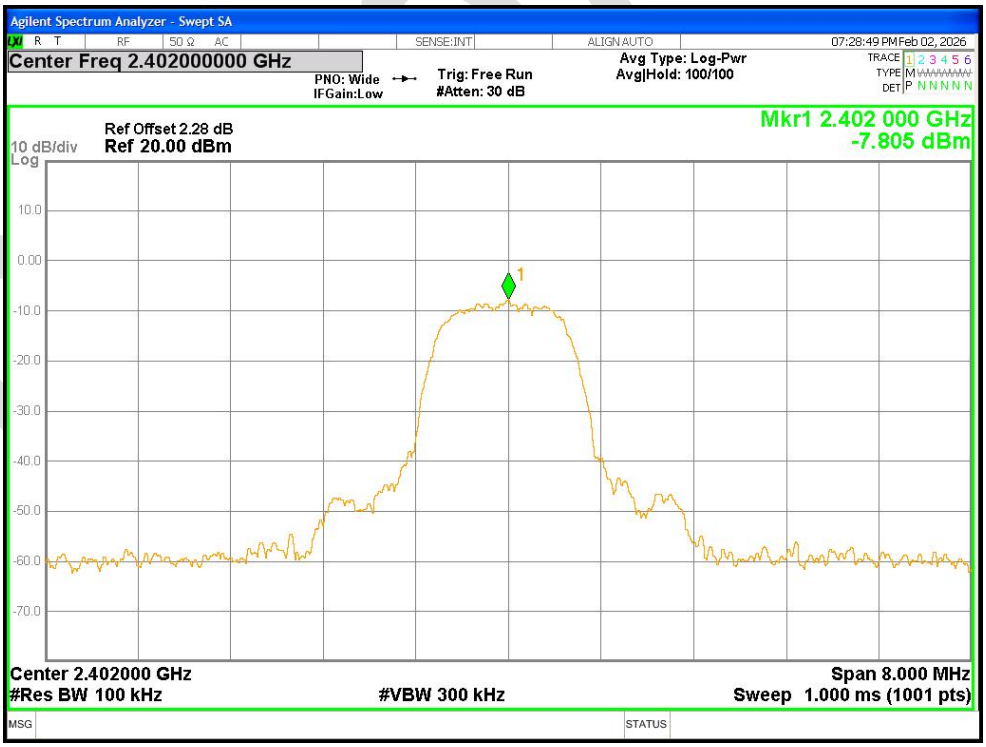
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



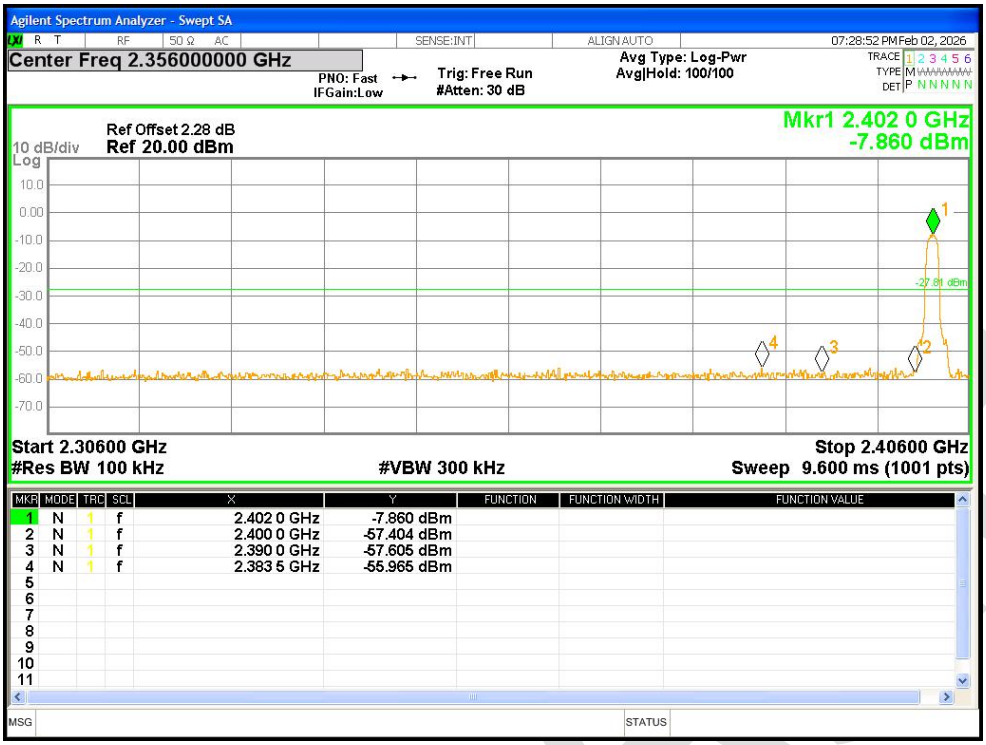
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



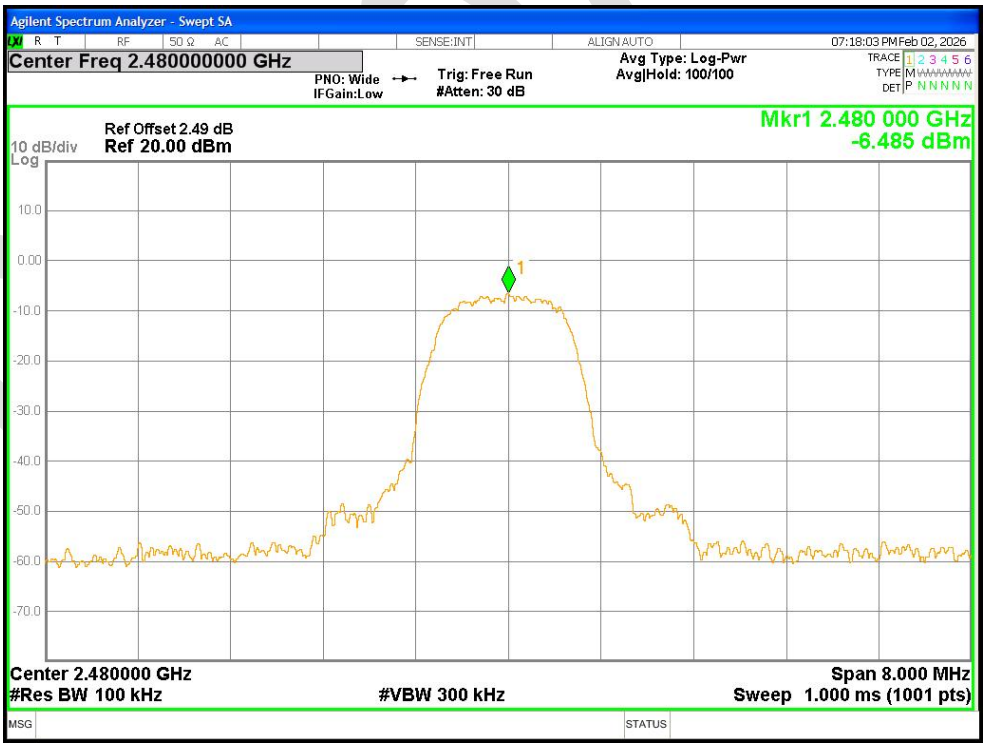
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



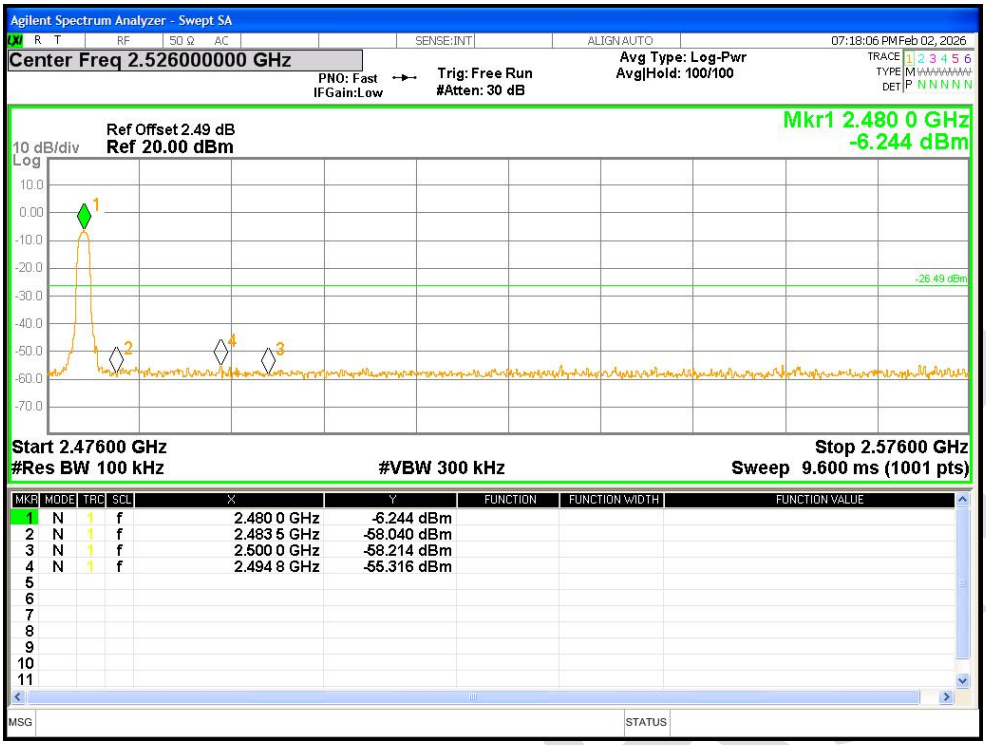
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



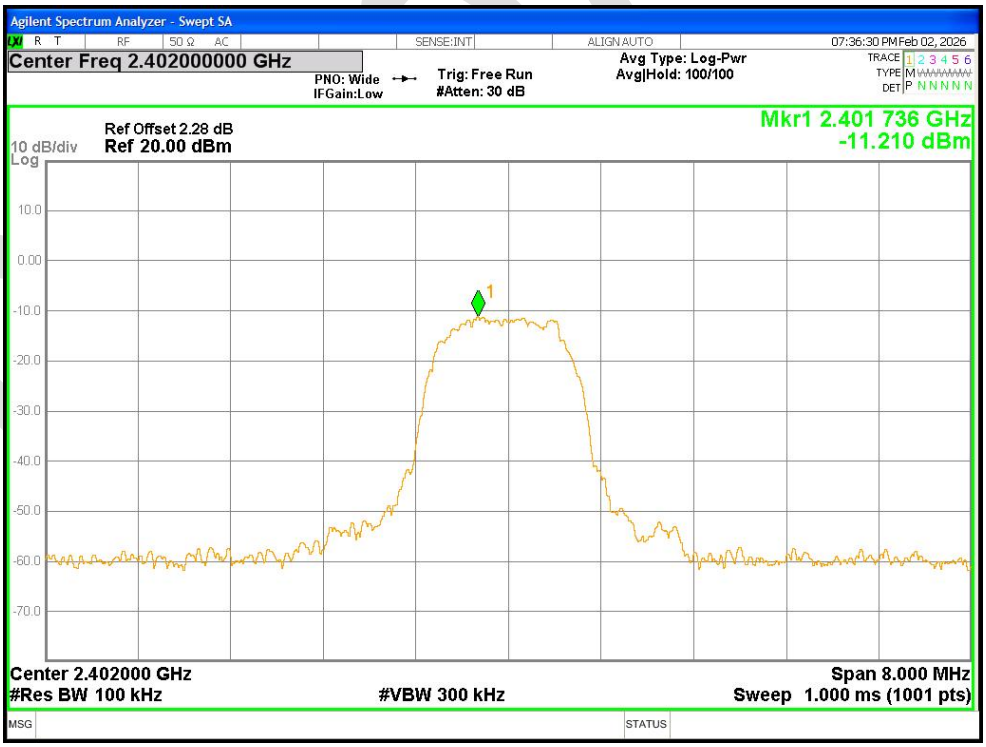
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



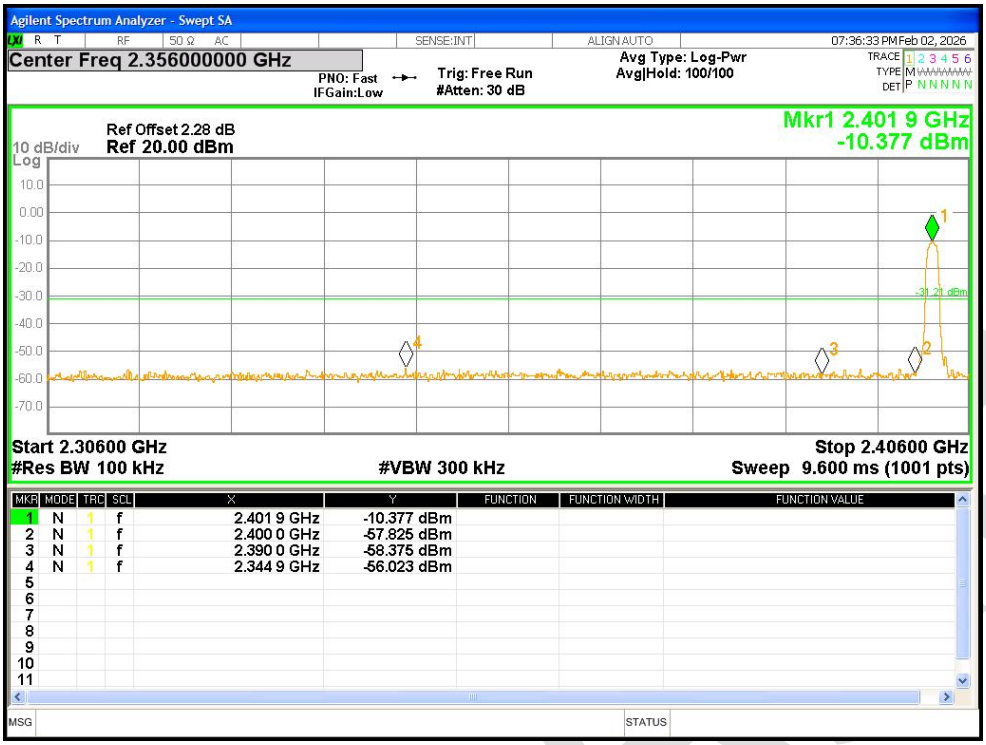
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



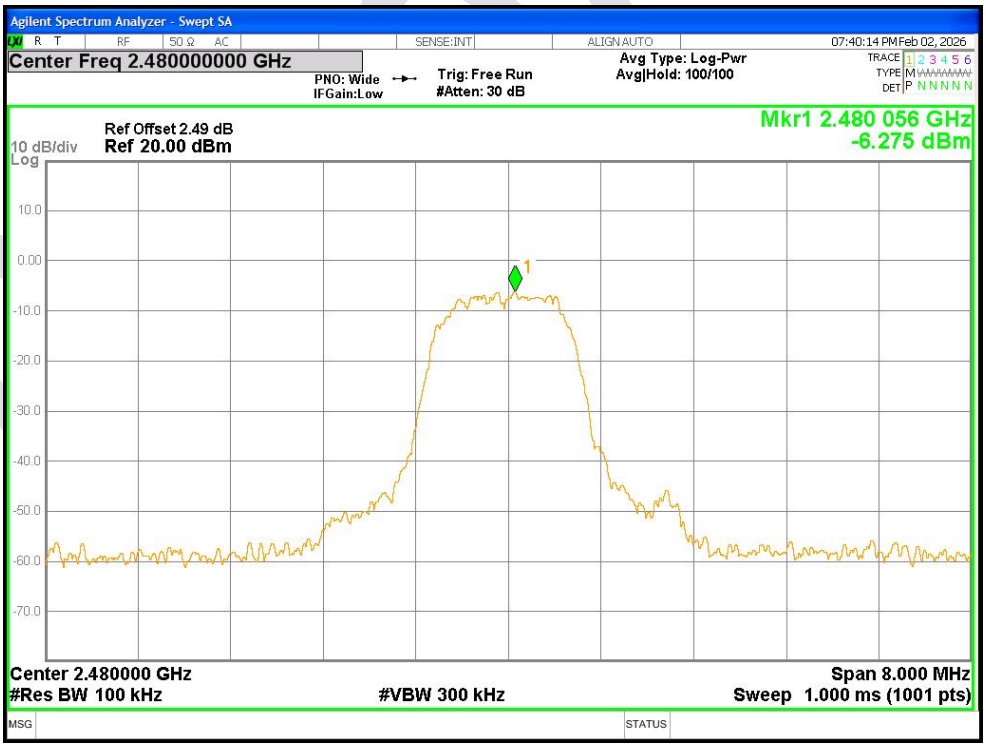
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



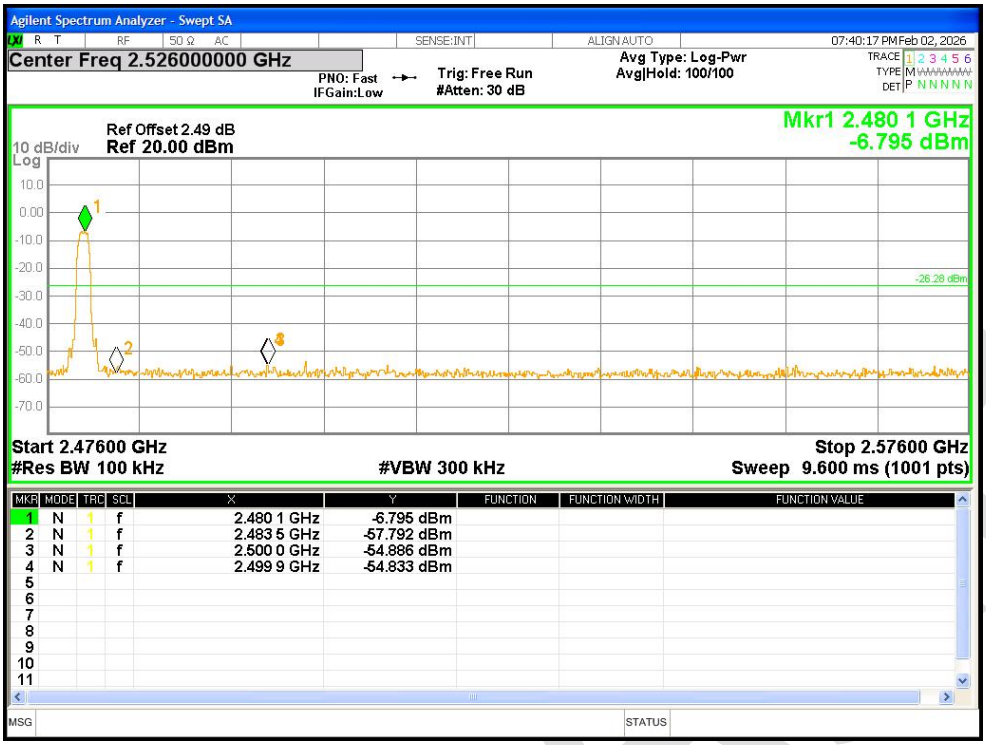
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission



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



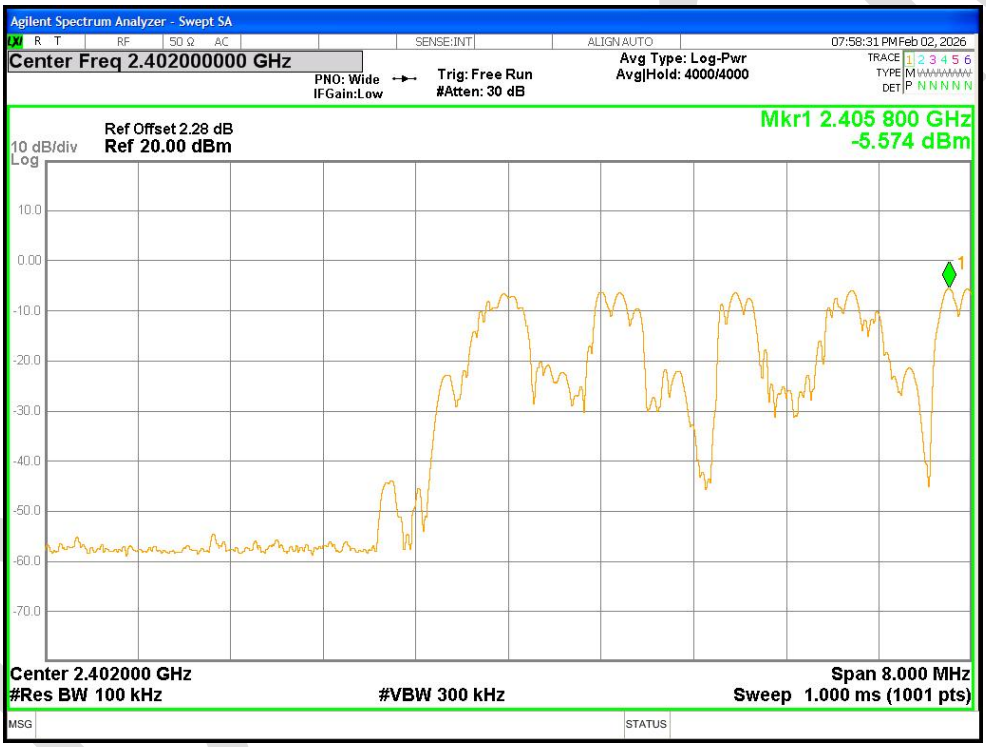
Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Emission


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
07:40:17 PM Feb 02, 2026
Ref Offset 2.49 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.480 1 GHz
-6.795 dBm
-26.28 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 1 GHz -6.795 dBm
2 N 1 f 2.483 5 GHz -57.792 dBm
3 N 1 f 2.500 0 GHz -54.886 dBm
4 N 1 f 2.499 9 GHz -54.833 dBm

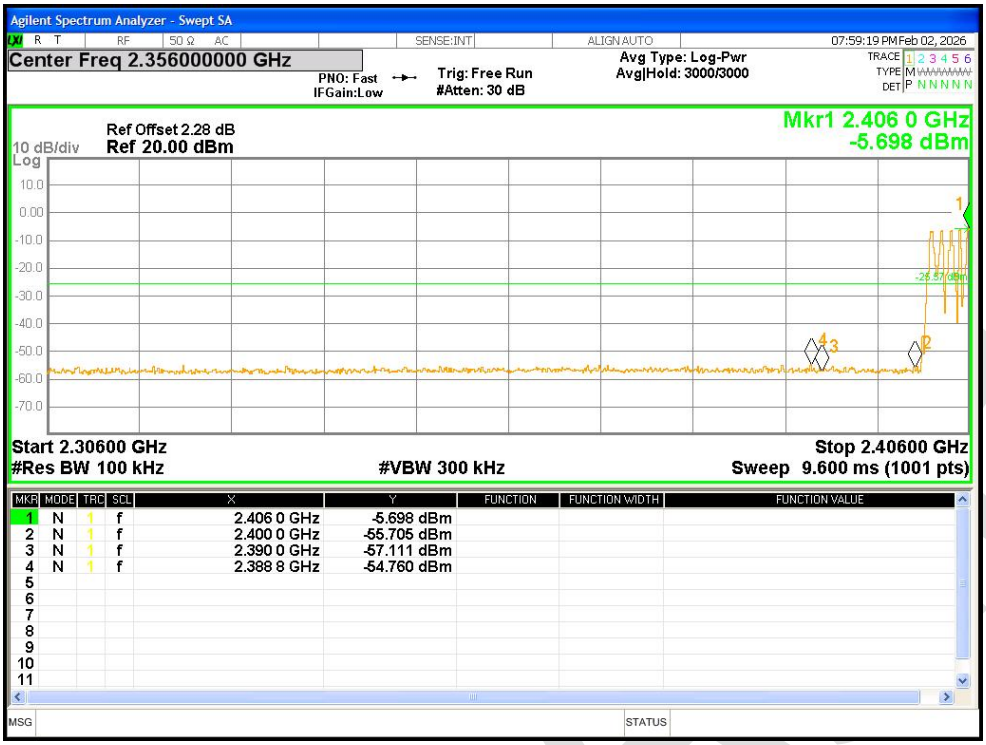
7.5 Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-49.18	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-49.98	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-49.35	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-52.97	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-49.7	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-55.44	-20	Pass

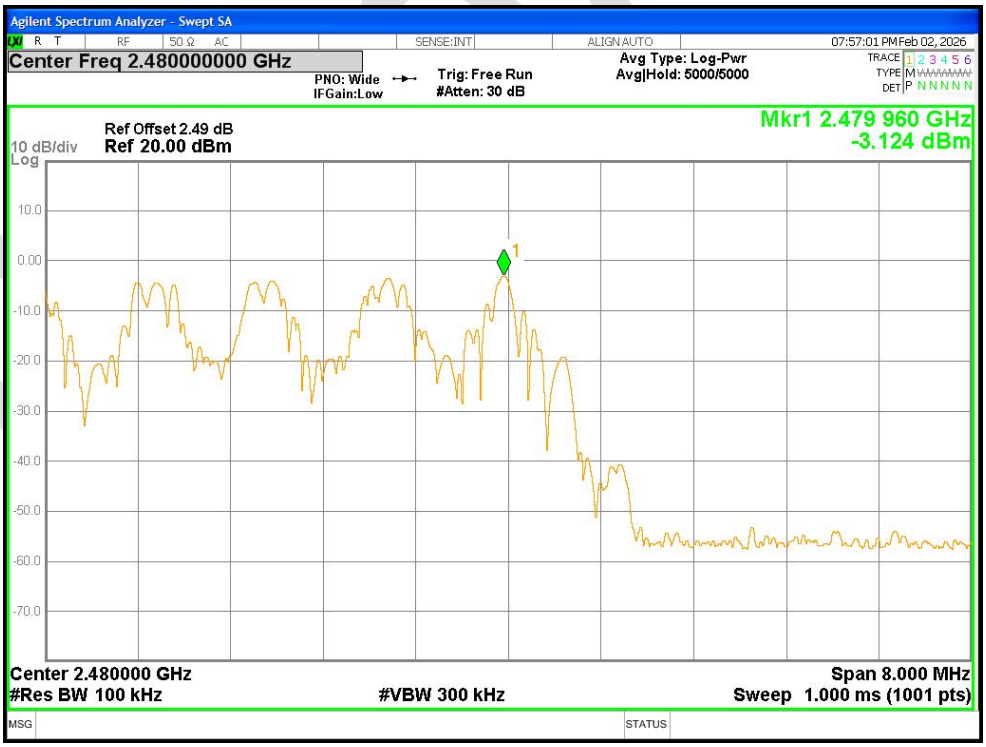
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



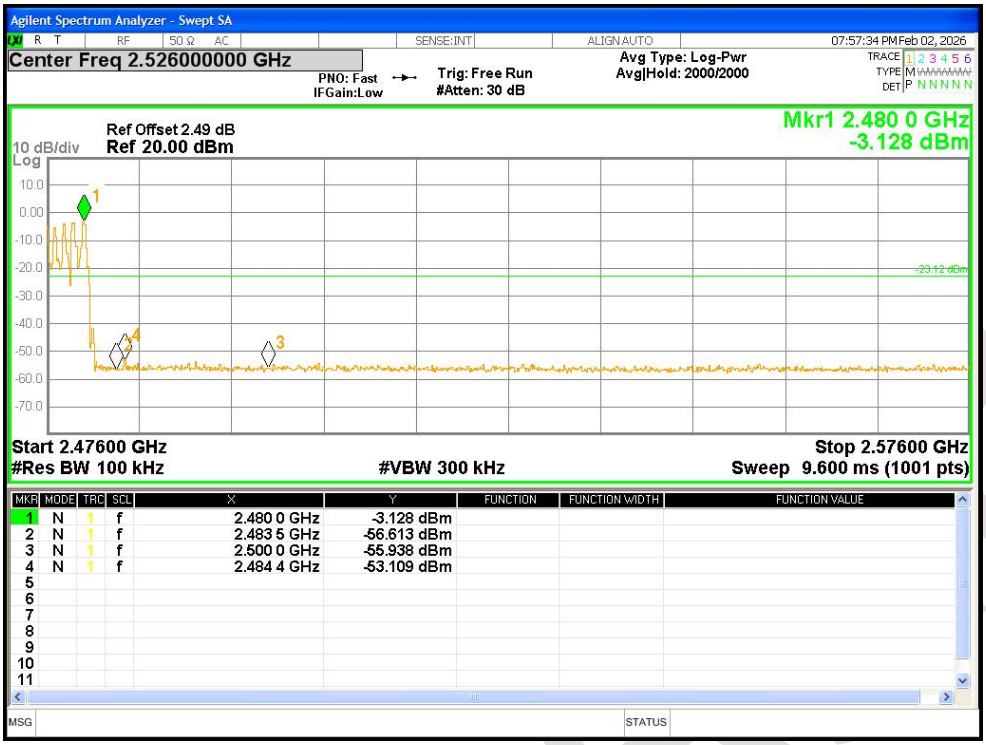
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission



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

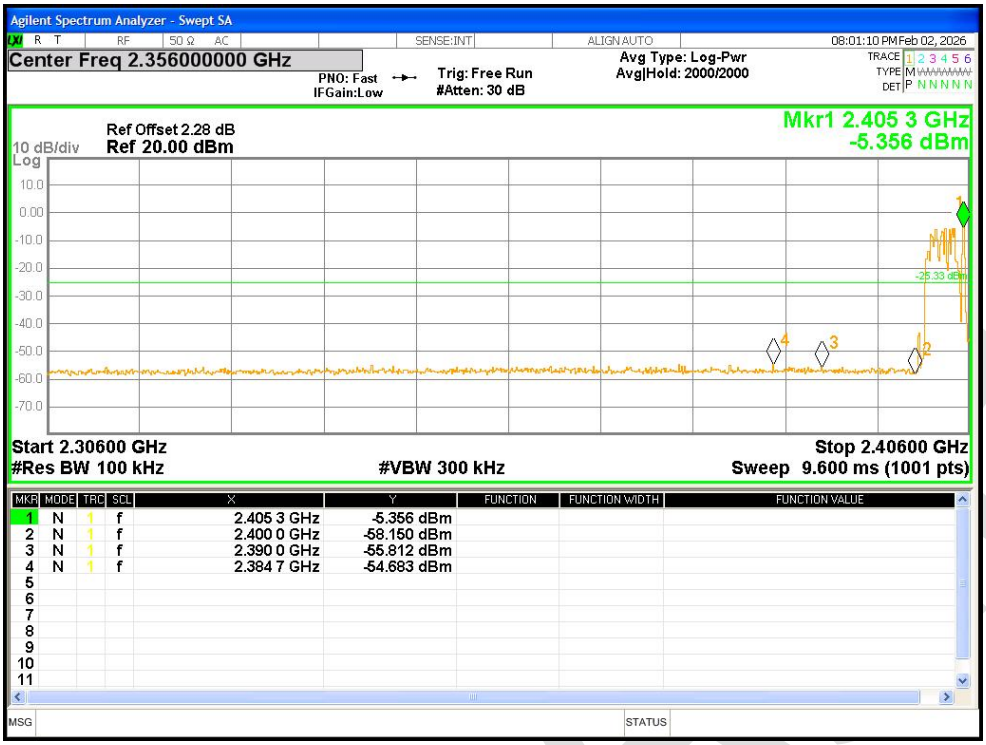


Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



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

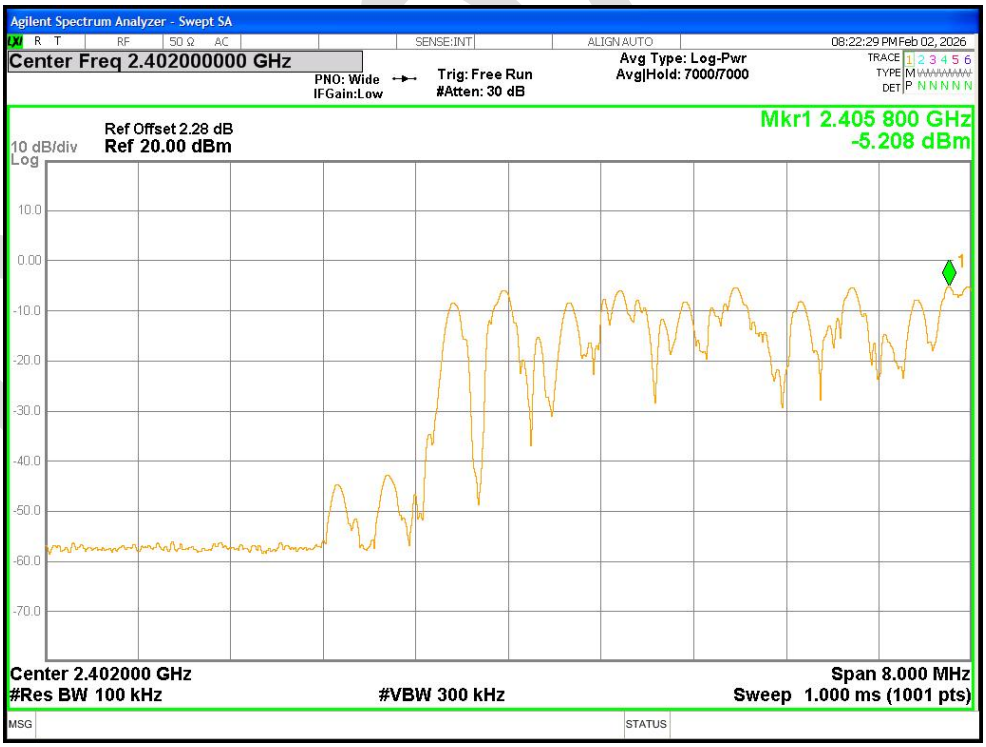
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission



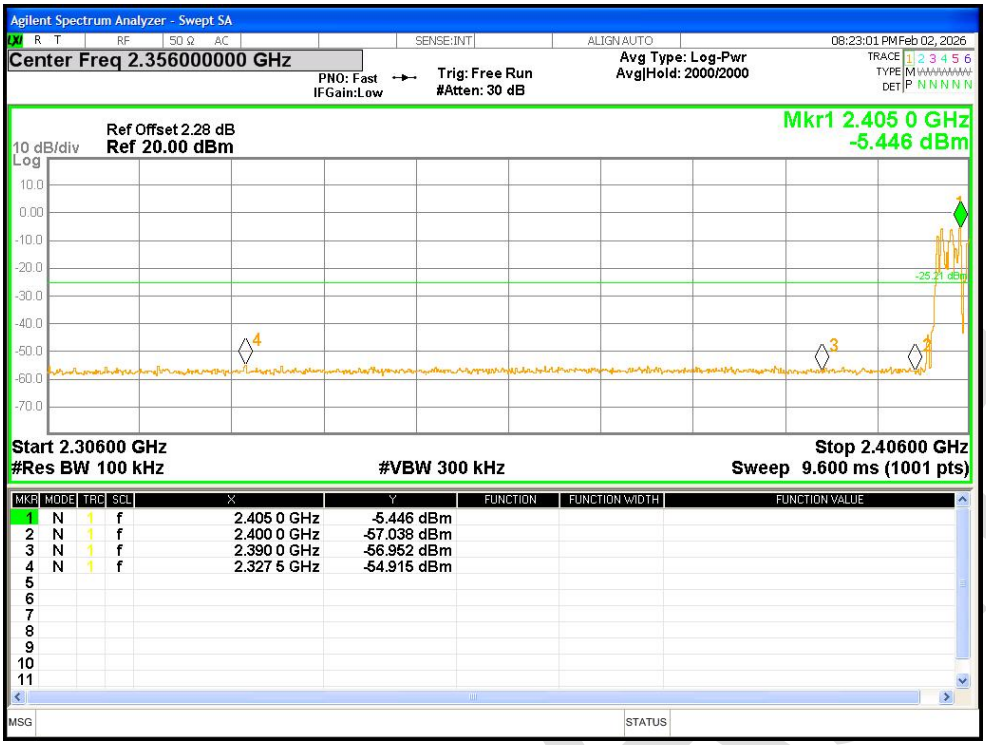
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref

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

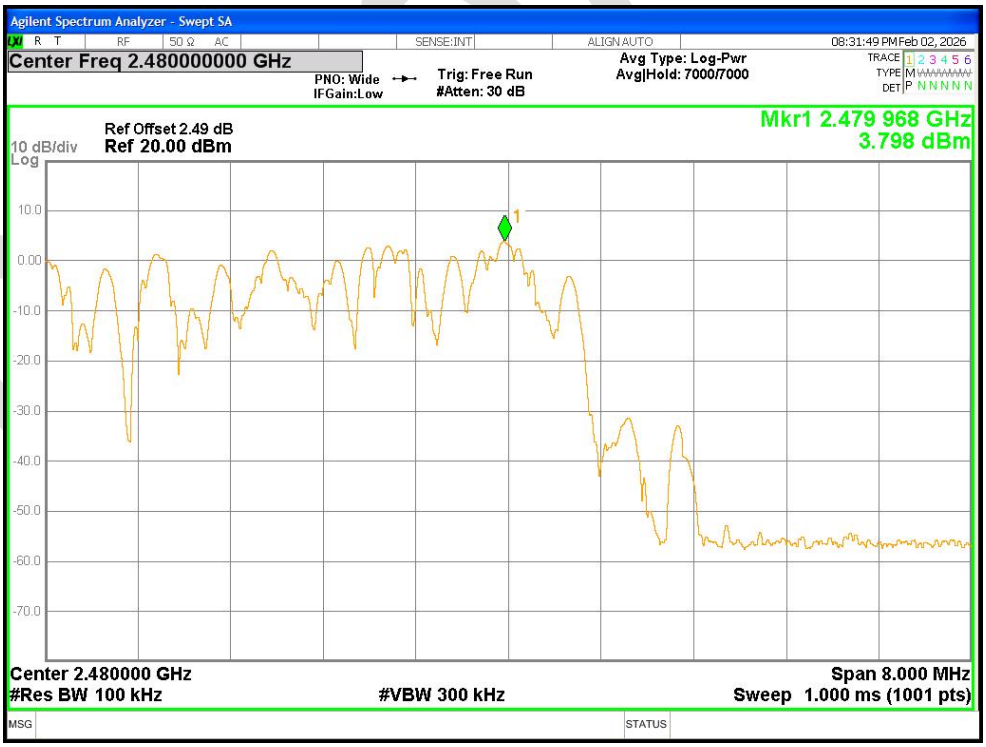
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



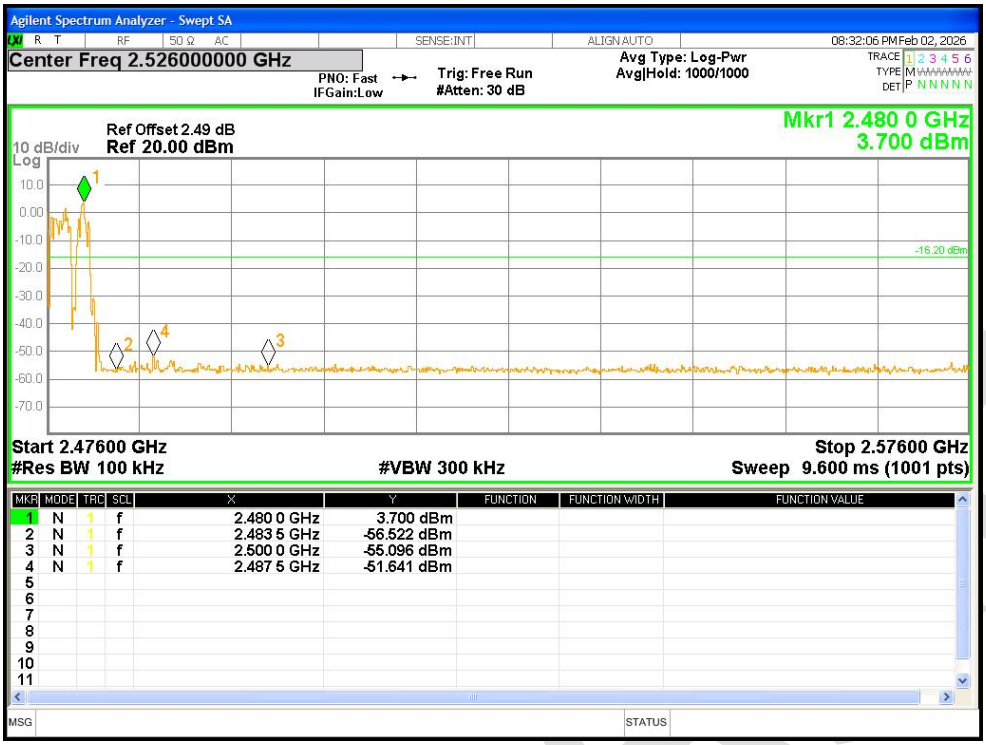
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



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



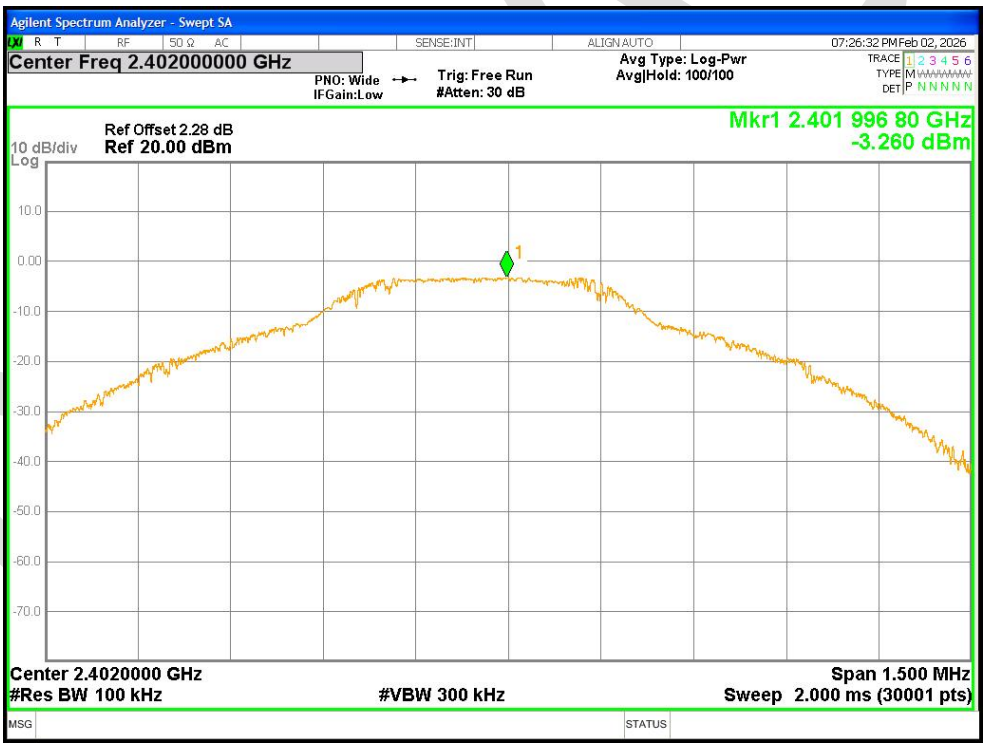
Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission


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: 1000/1000
08:32:06 PM Feb 02, 2026
Ref Offset 2.49 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.480 0 GHz
3.700 dBm
-16.20 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 3.700 dBm
2 N 1 f 2.483 5 GHz -56.522 dBm
3 N 1 f 2.500 0 GHz -55.096 dBm
4 N 1 f 2.487 5 GHz -51.641 dBm

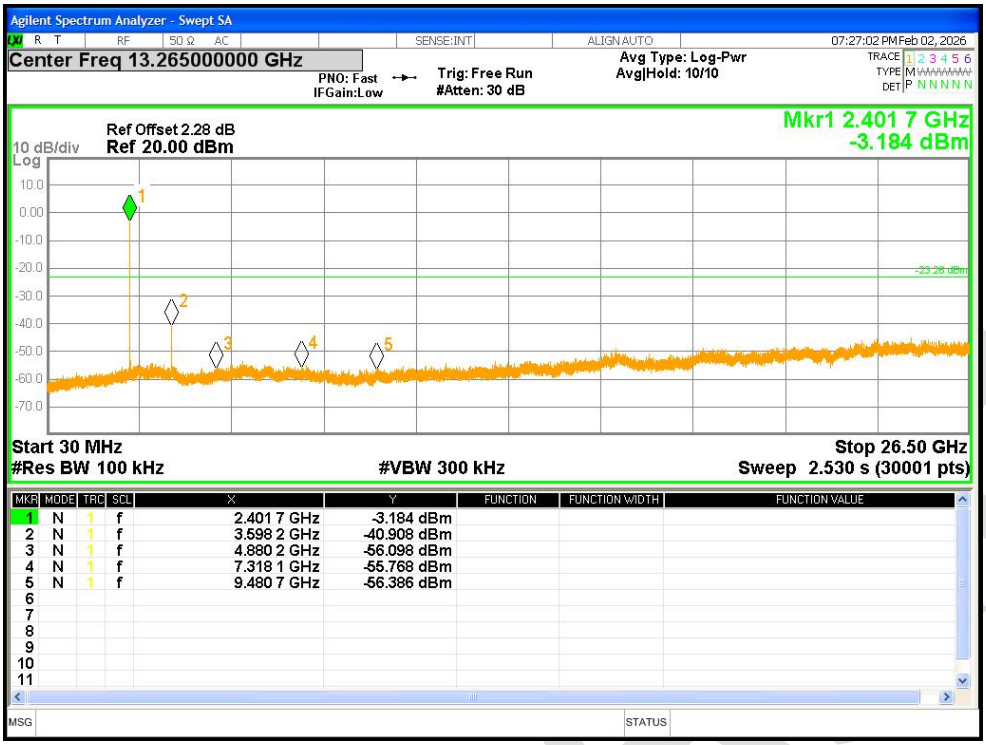
7.6 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-37.64	-20	Pass
NVNT	1-DH1	2441	Ant1	-42.52	-20	Pass
NVNT	1-DH1	2480	Ant1	-40.98	-20	Pass
NVNT	2-DH1	2402	Ant1	-37.68	-20	Pass
NVNT	2-DH1	2441	Ant1	-38.37	-20	Pass
NVNT	2-DH1	2480	Ant1	-38.95	-20	Pass
NVNT	3-DH1	2402	Ant1	-34.72	-20	Pass
NVNT	3-DH1	2441	Ant1	-35.24	-20	Pass
NVNT	3-DH1	2480	Ant1	-38.79	-20	Pass

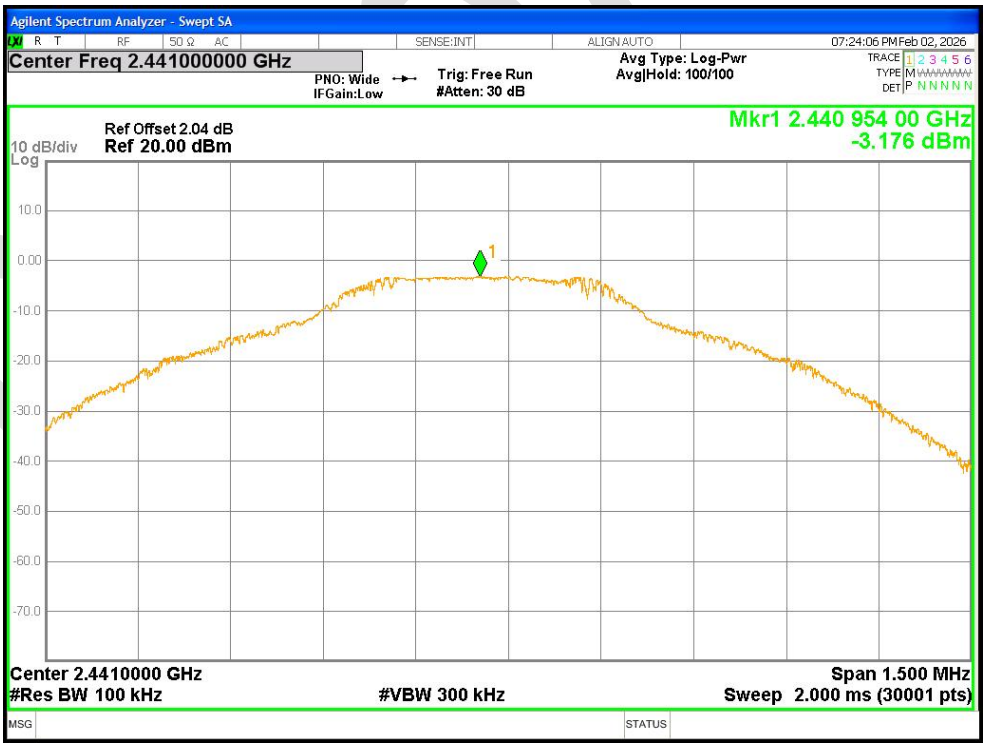
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



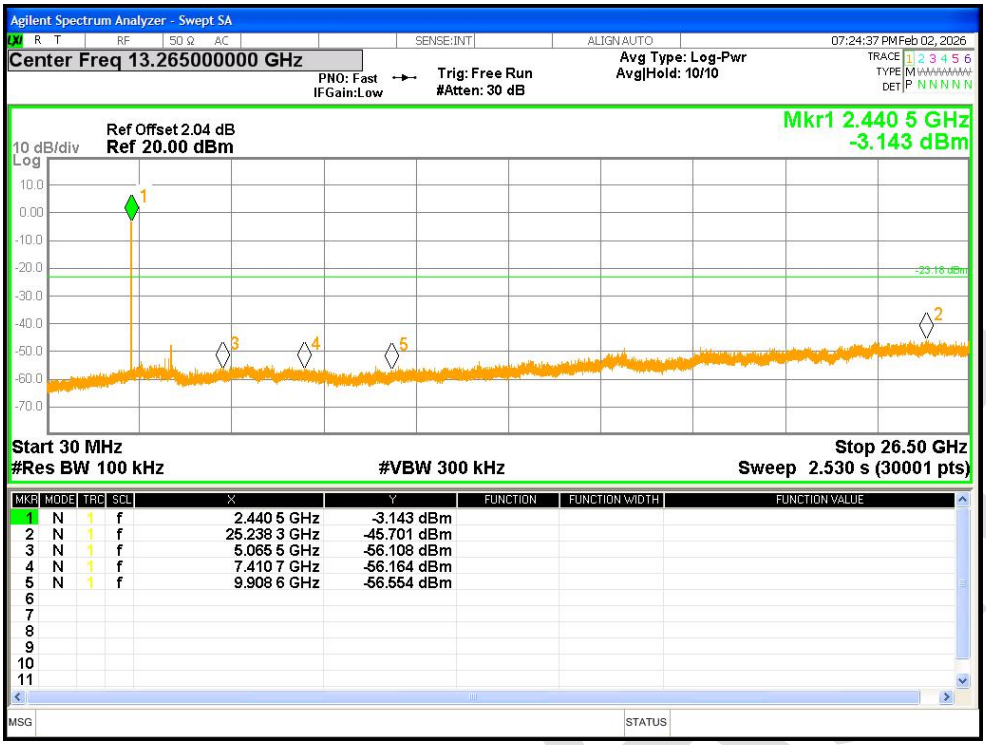
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



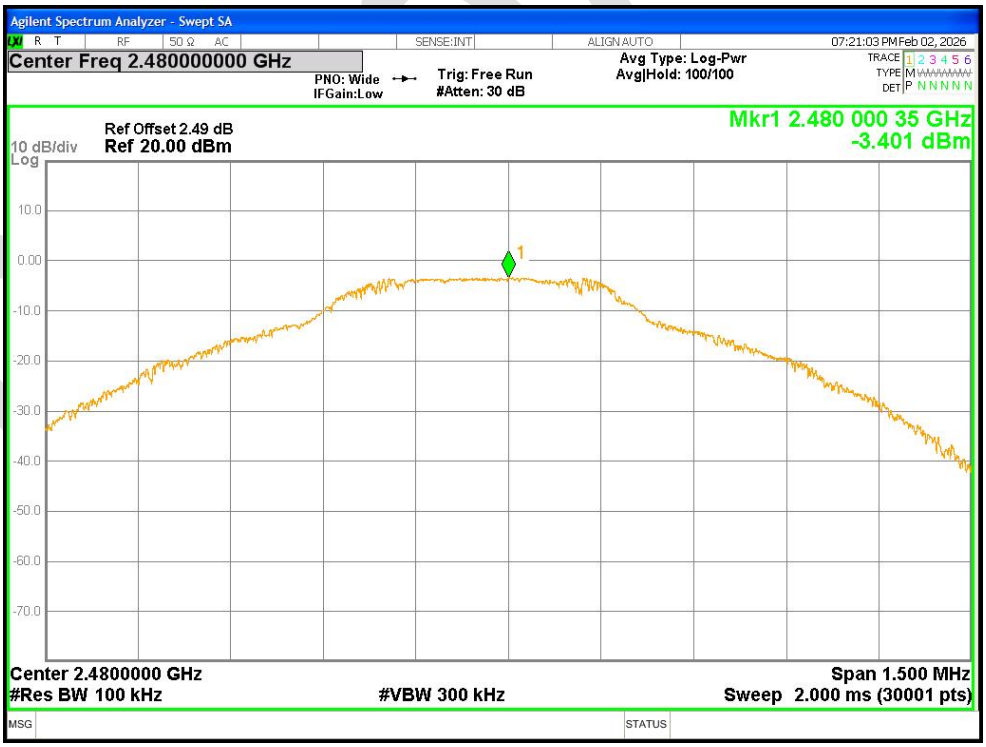
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission