

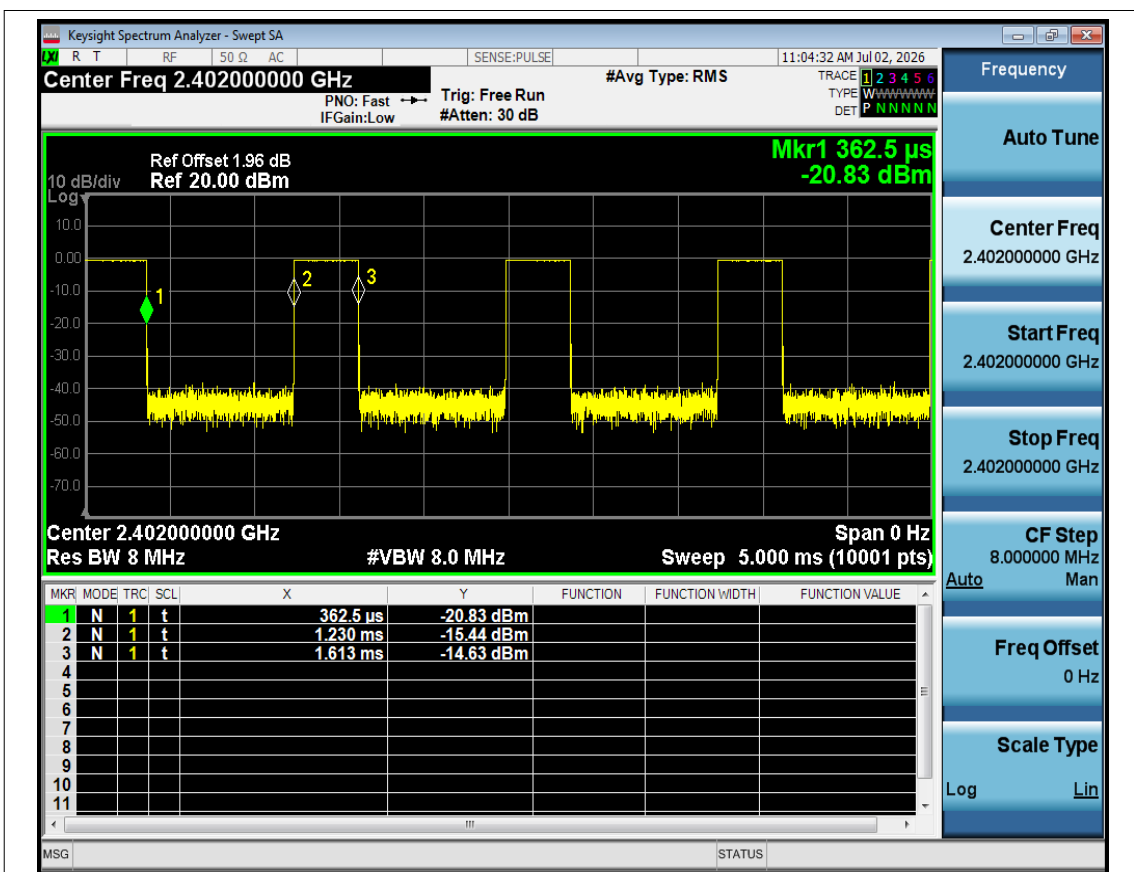
RF Test Data

FCC ID:2BW6T-AIN01

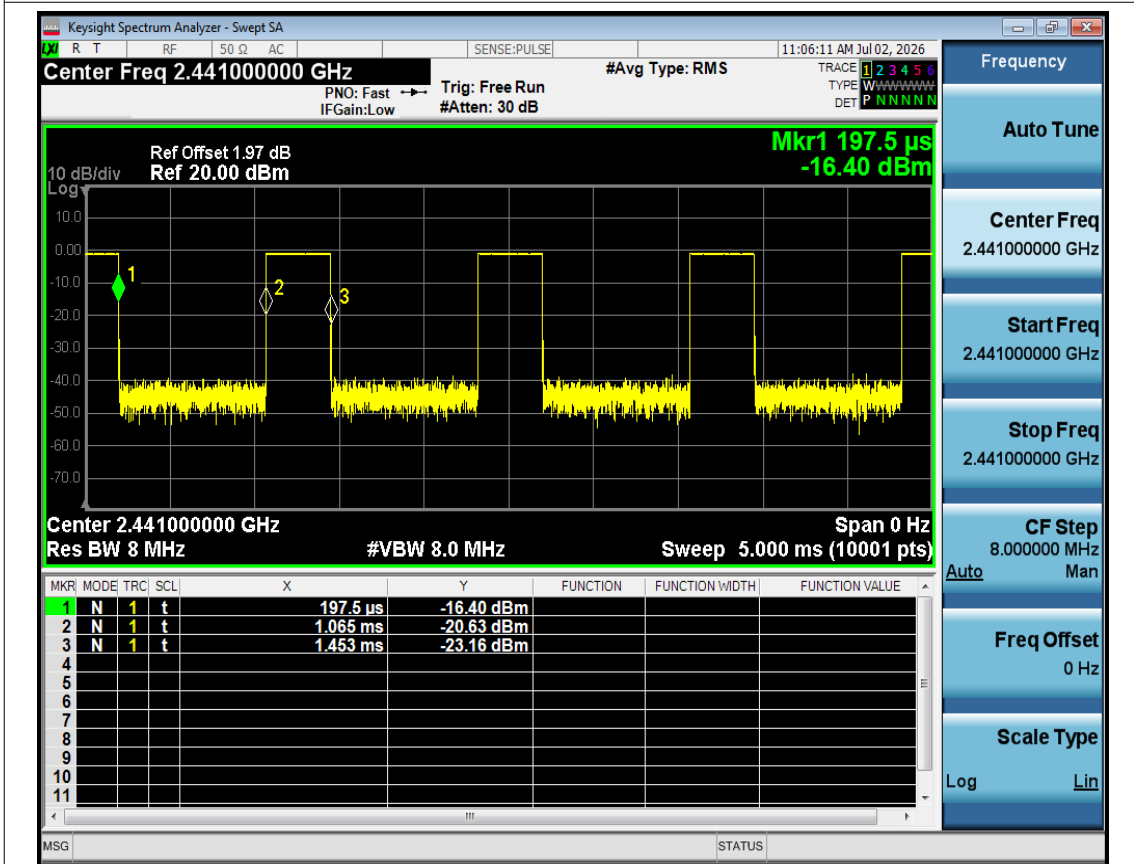
Duty Cycle	2
Maximum Peak Conducted Output Power	6
-20dB Bandwidth	10
Occupied Channel Bandwidth	14
Carrier Frequencies Separation	18
Band Edge	22
Band Edge(Hopping)	27
Conducted RF Spurious Emission	32
Number of Hopping Channel	39
Dwell Time	41

Duty Cycle

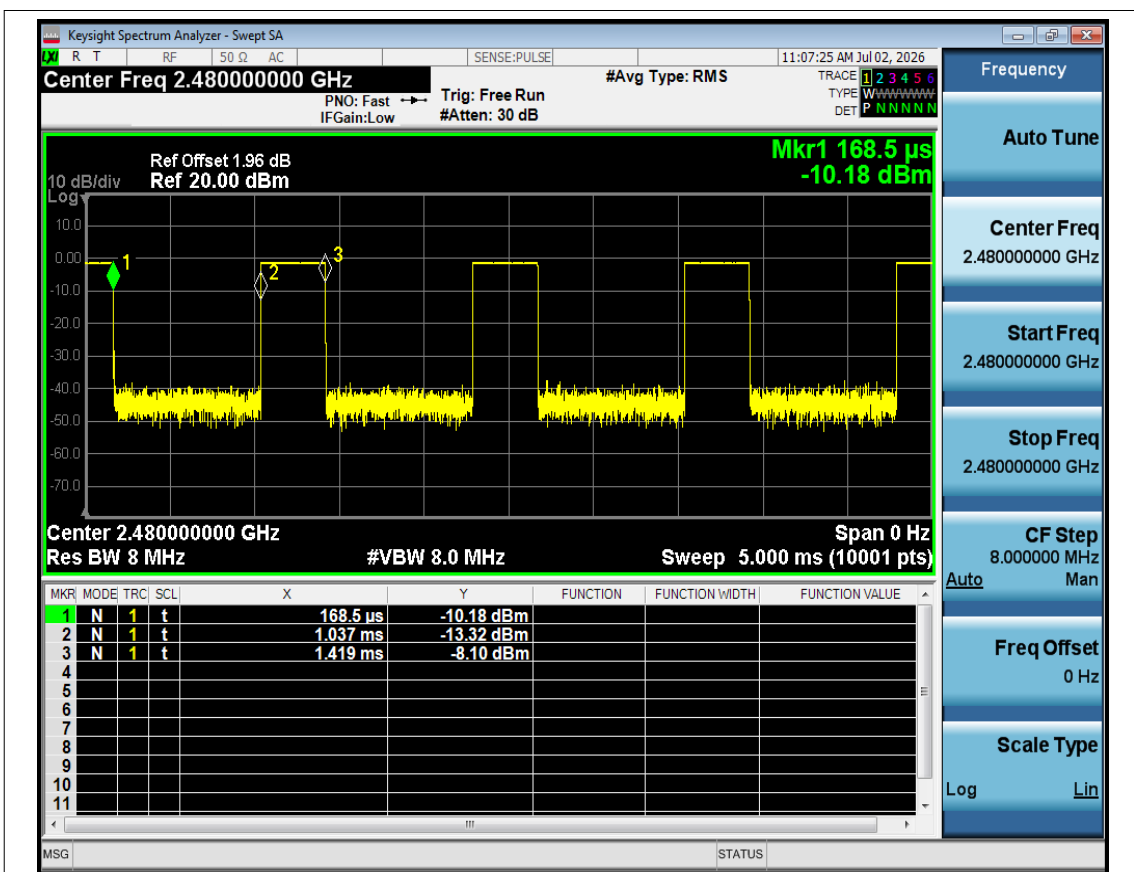
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	30.6	5.14	2.61
NVNT	1-DH1	2441	Ant1	30.9	5.1	2.58
NVNT	1-DH1	2480	Ant1	30.56	5.15	2.62
NVNT	2-DH1	2402	Ant1	31.44	5.03	2.54
NVNT	2-DH1	2441	Ant1	31.43	5.03	2.54
NVNT	2-DH1	2480	Ant1	31.57	5.01	2.54



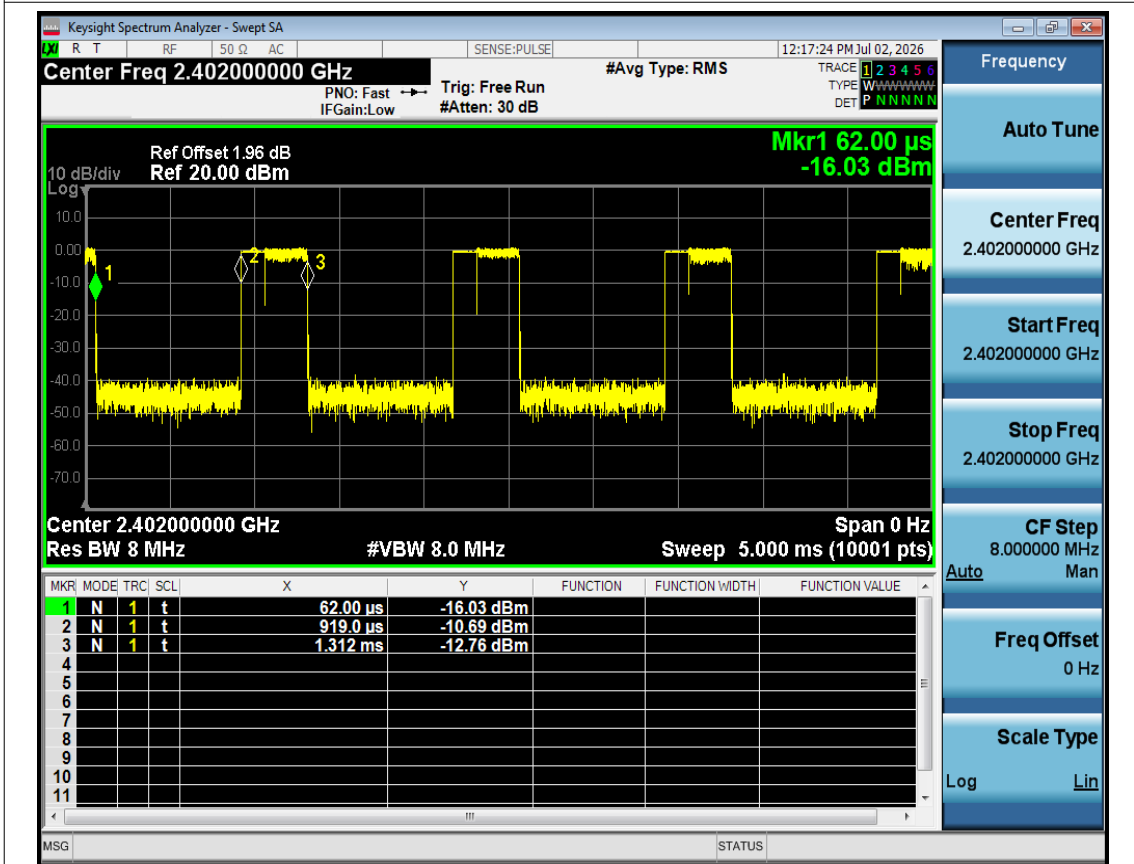
Duty Cycle NVNT 1-DH1 2402MHz Ant1



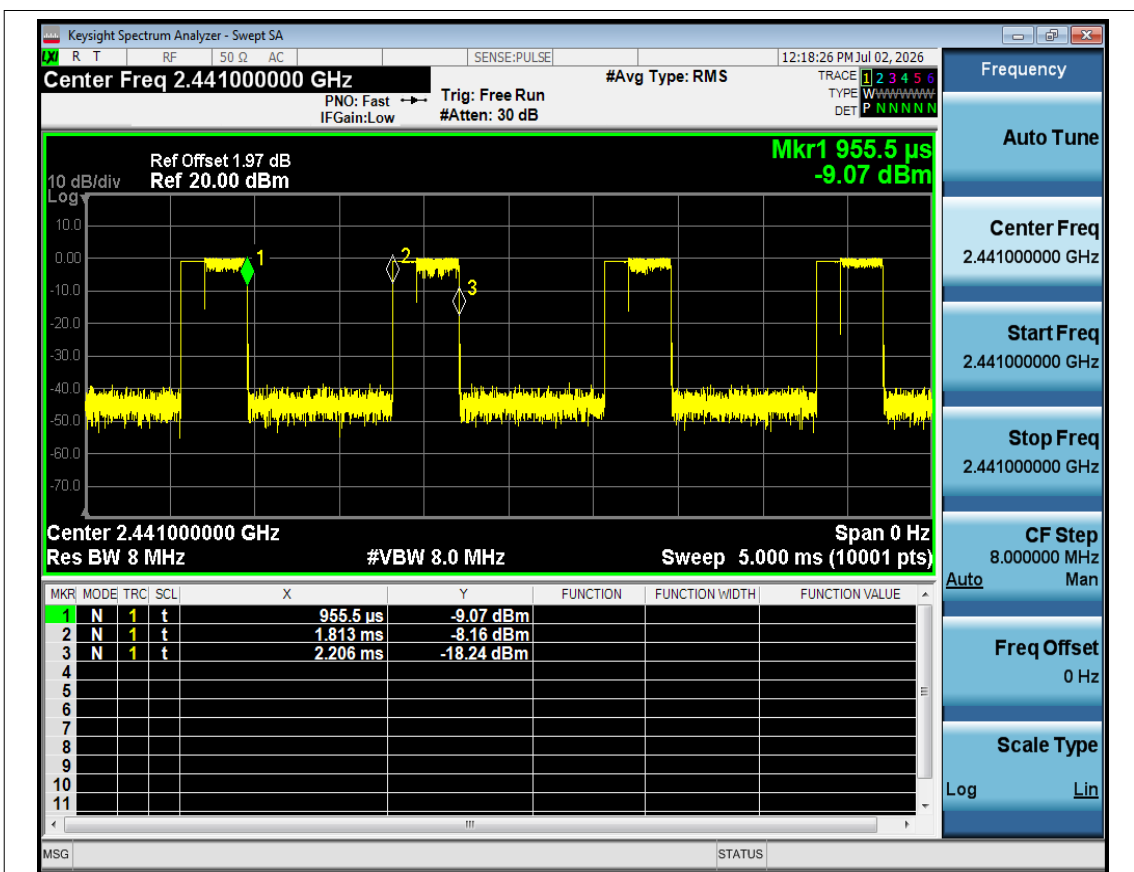
Duty Cycle NVNT 1-DH1 2441MHz Ant1



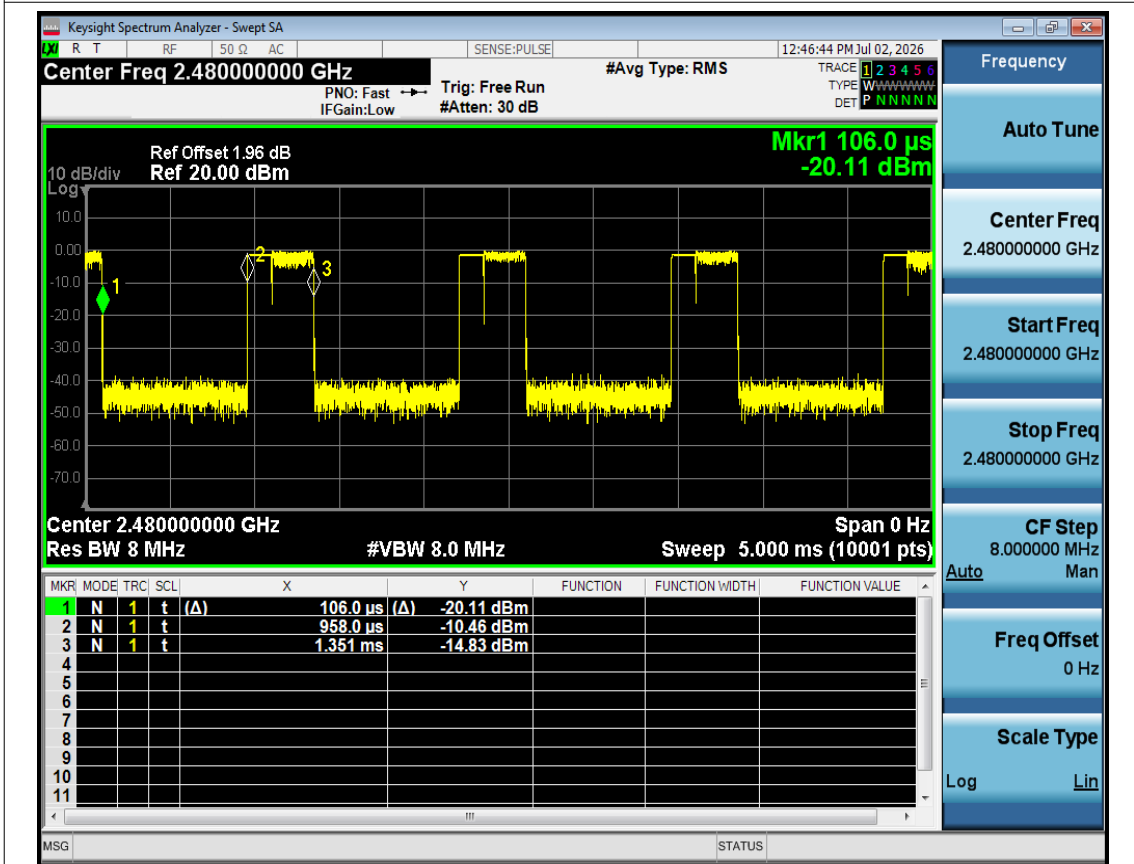
Duty Cycle NVNT 1-DH1 2480MHz Ant1



Duty Cycle NVNT 2-DH1 2402MHz Ant1



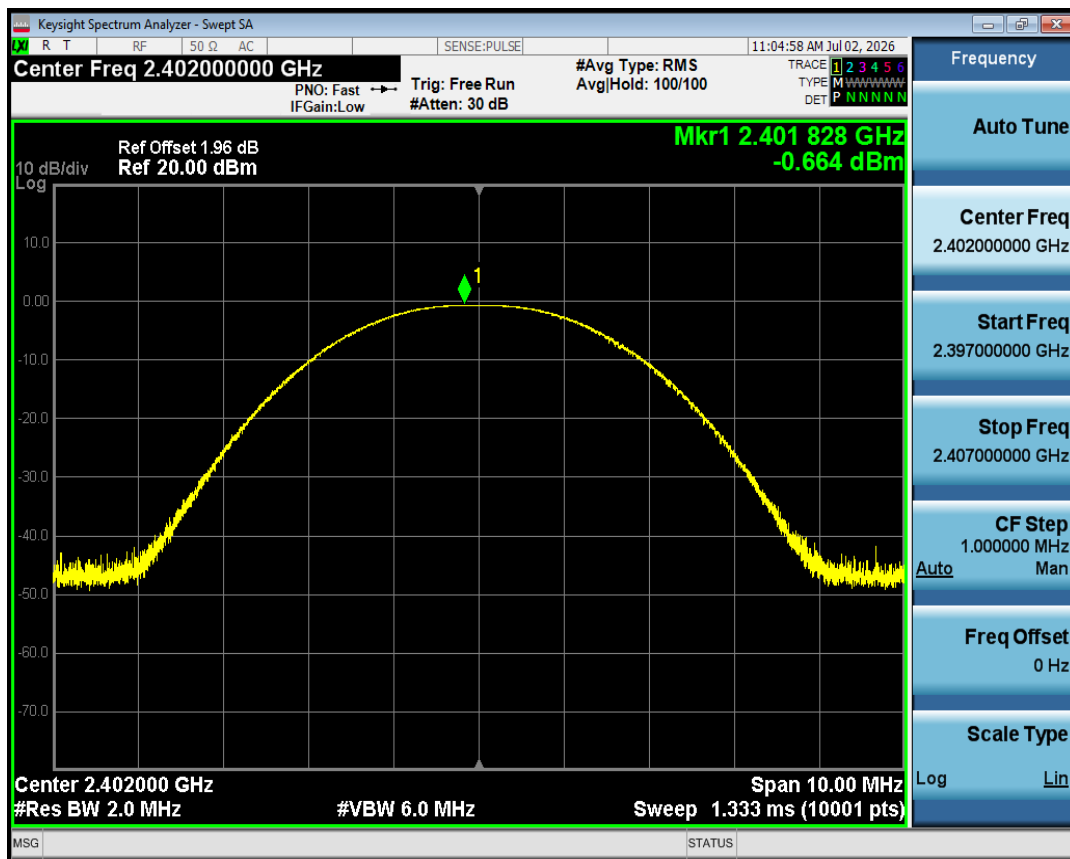
Duty Cycle NVNT 2-DH1 2441MHz Ant1



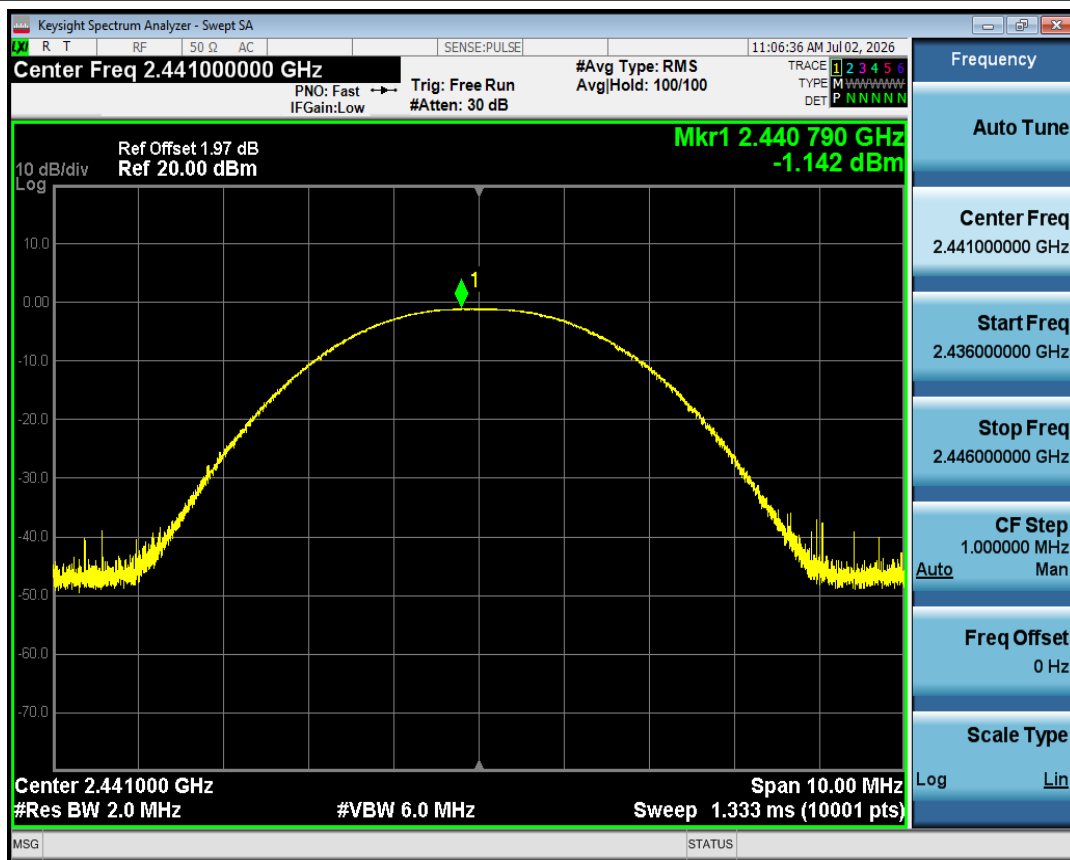
Duty Cycle NVNT 2-DH1 2480MHz Ant1

Maximum Peak Conducted Output Power

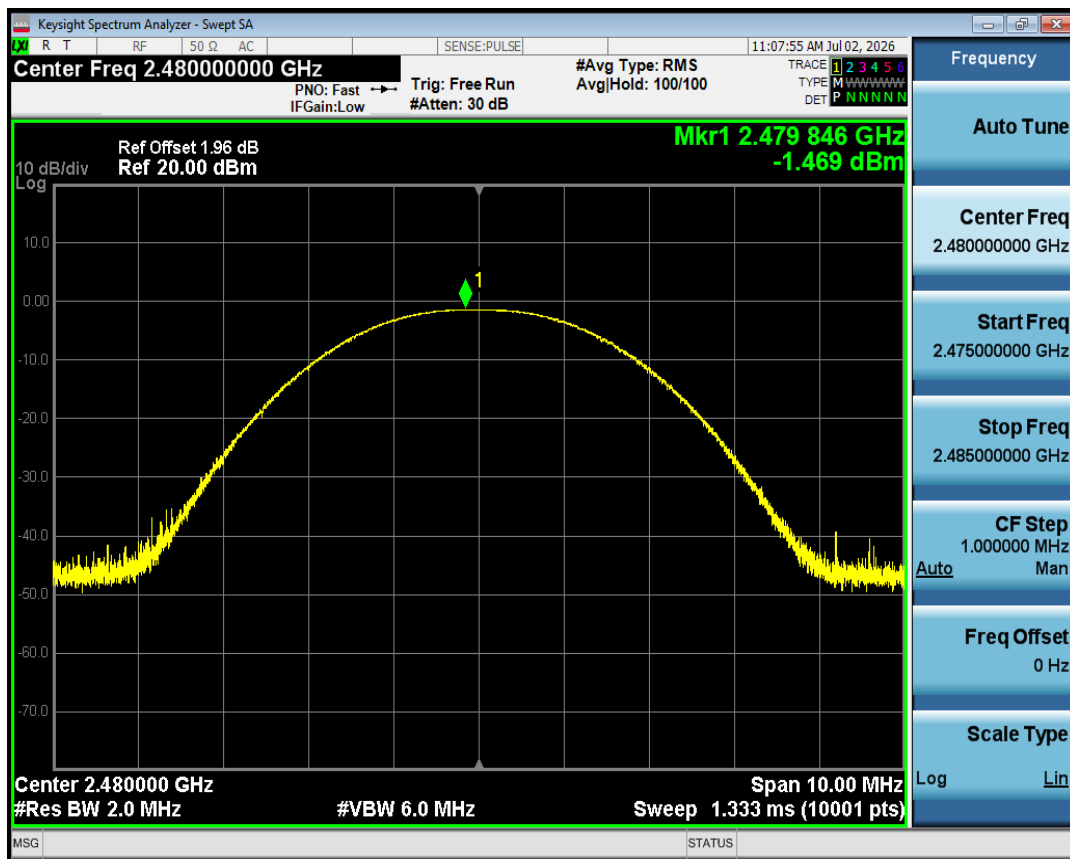
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	1-DH1	2402	Ant1	-0.66	0.00086	21	Pass
NVNT	1-DH1	2441	Ant1	-1.14	0.00077	21	Pass
NVNT	1-DH1	2480	Ant1	-1.47	0.00071	21	Pass
NVNT	2-DH1	2402	Ant1	0.26	0.00106	21	Pass
NVNT	2-DH1	2441	Ant1	-0.05	0.00099	21	Pass
NVNT	2-DH1	2480	Ant1	-0.42	0.00091	21	Pass



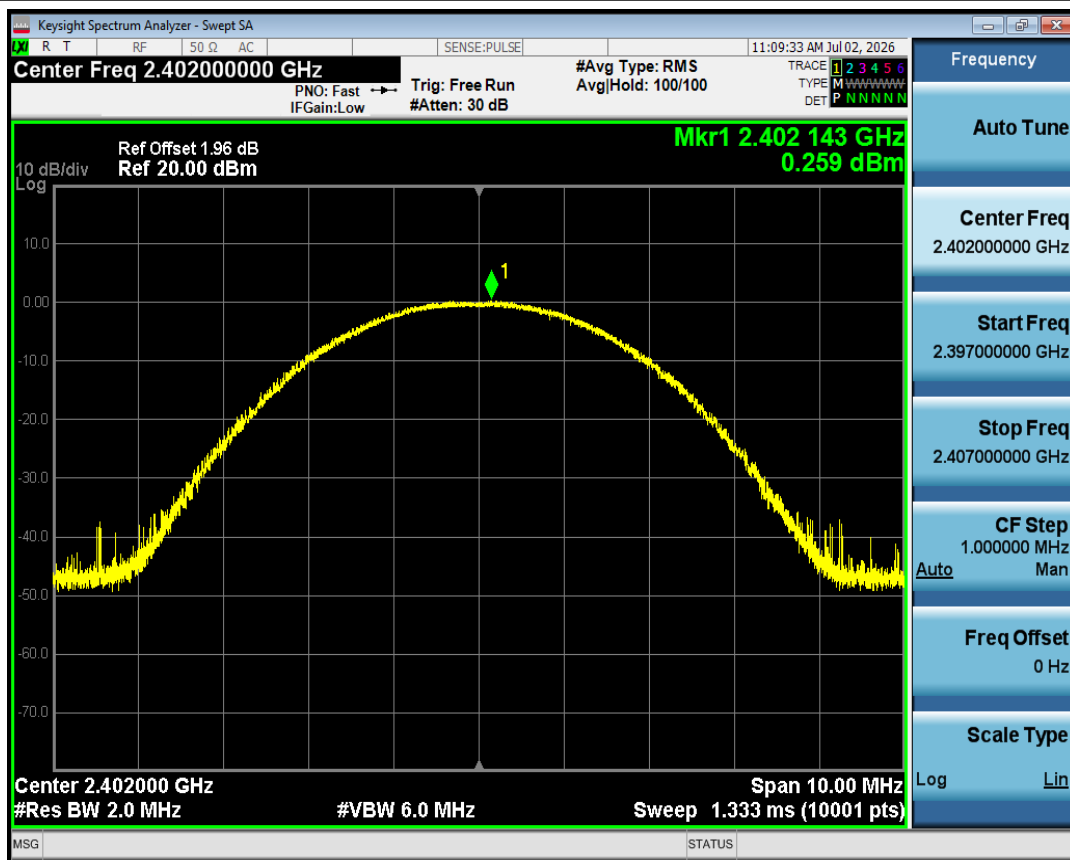
Peak Power NVNT 1-DH1 2402MHz Ant1



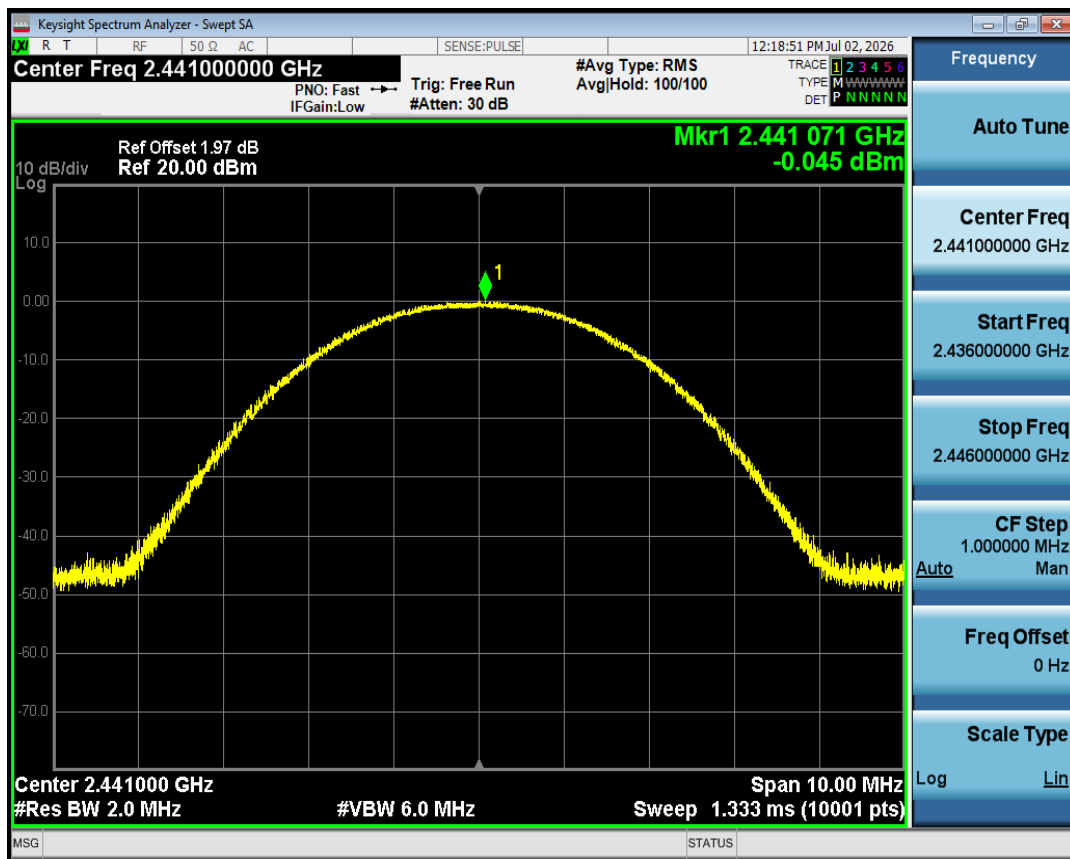
Peak Power NVNT 1-DH1 2441MHz Ant1



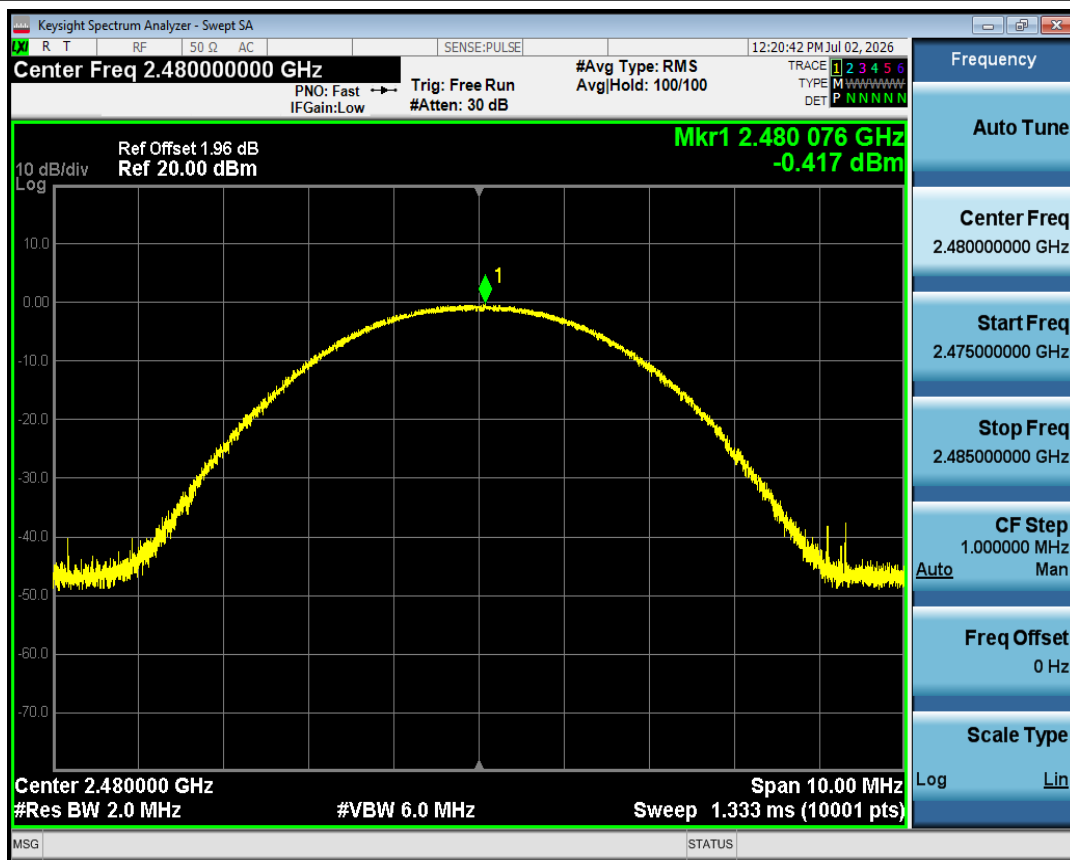
Peak Power NVNT 1-DH1 2480MHz Ant1



Peak Power NVNT 2-DH1 2402MHz Ant1



Peak Power NVNT 2-DH1 2441MHz Ant1



Peak Power NVNT 2-DH1 2480MHz Ant1

-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	0.8403	Pass
NVNT	1-DH1	2441	Ant1	0.8668	Pass
NVNT	1-DH1	2480	Ant1	0.8773	Pass
NVNT	2-DH1	2402	Ant1	1.226	Pass
NVNT	2-DH1	2441	Ant1	1.24	Pass
NVNT	2-DH1	2480	Ant1	1.22	Pass



-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



-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

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.84965
NVNT	1-DH1	2441	Ant1	0.82581
NVNT	1-DH1	2480	Ant1	0.84314
NVNT	2-DH1	2402	Ant1	1.1743
NVNT	2-DH1	2441	Ant1	1.1891
NVNT	2-DH1	2480	Ant1	1.1653



OBW NVNT 1-DH1 2402MHz Ant1



OBW NVNT 1-DH1 2441MHz Ant1



OBW NVNT 1-DH1 2480MHz Ant1



OBW NVNT 2-DH1 2402MHz Ant1



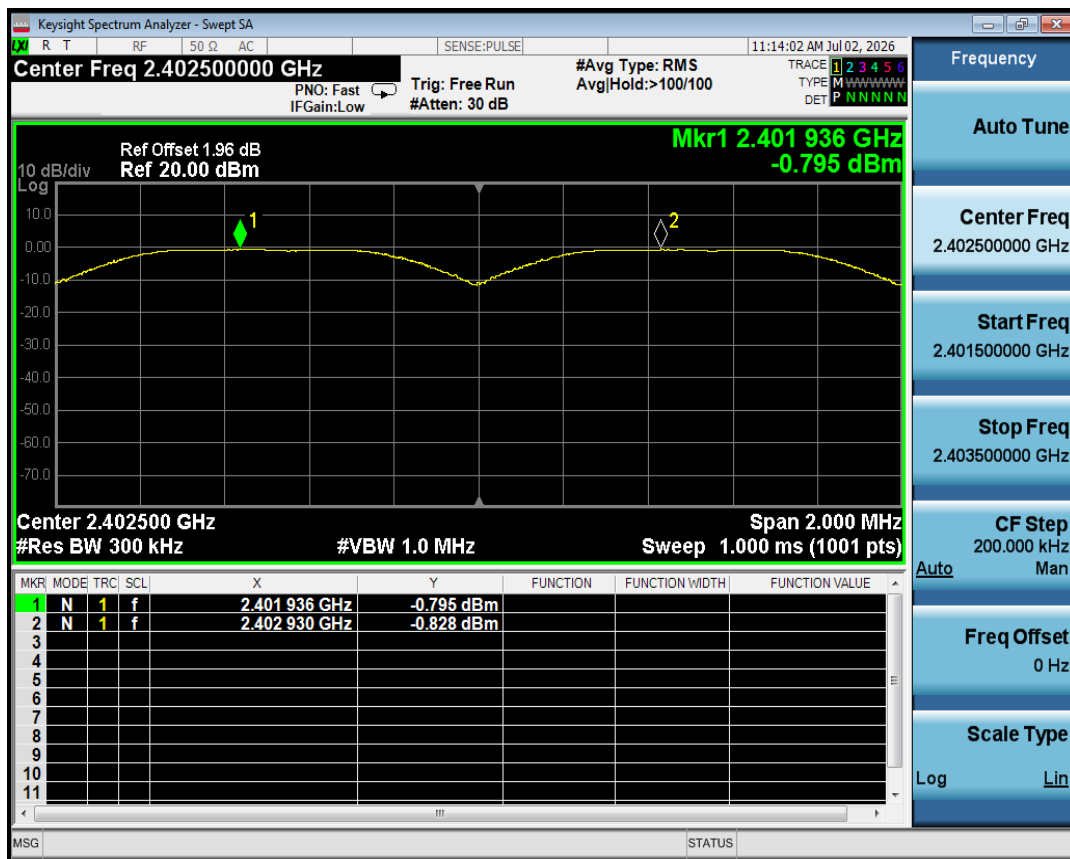
OBW NVNT 2-DH1 2441MHz Ant1



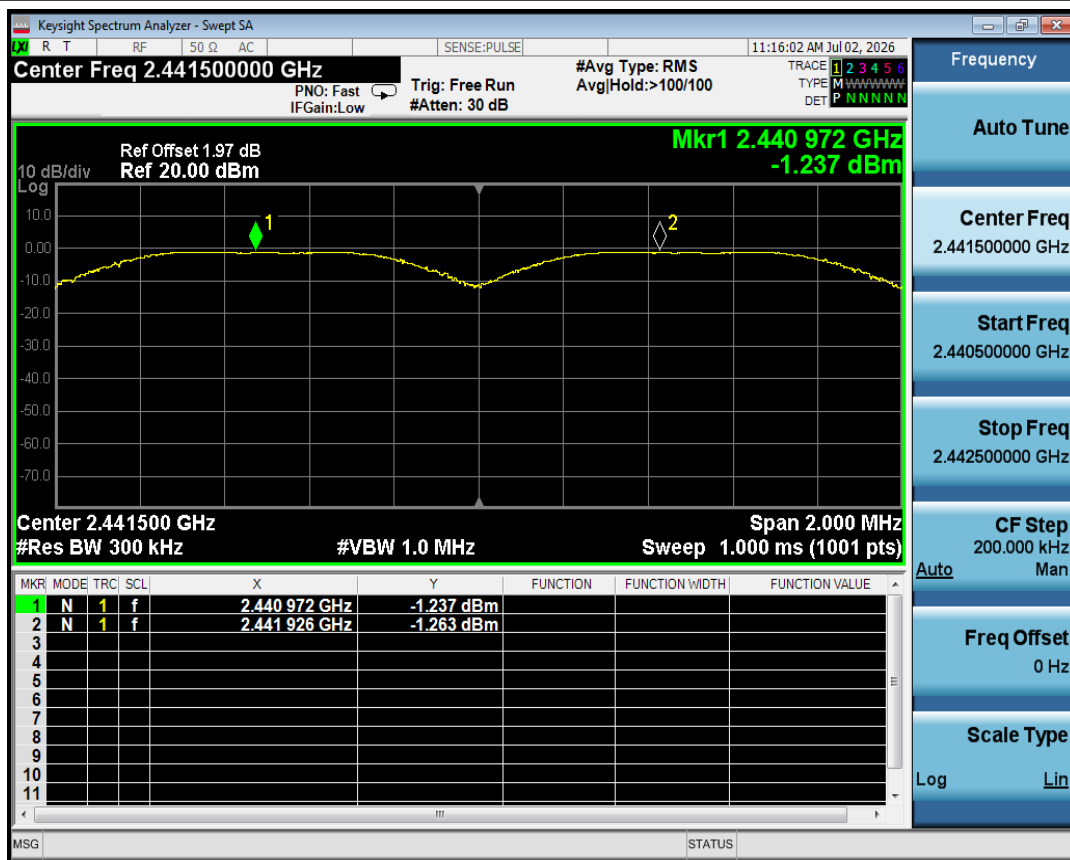
OBW NVNT 2-DH1 2480MHz Ant1

Carrier Frequencies Separation

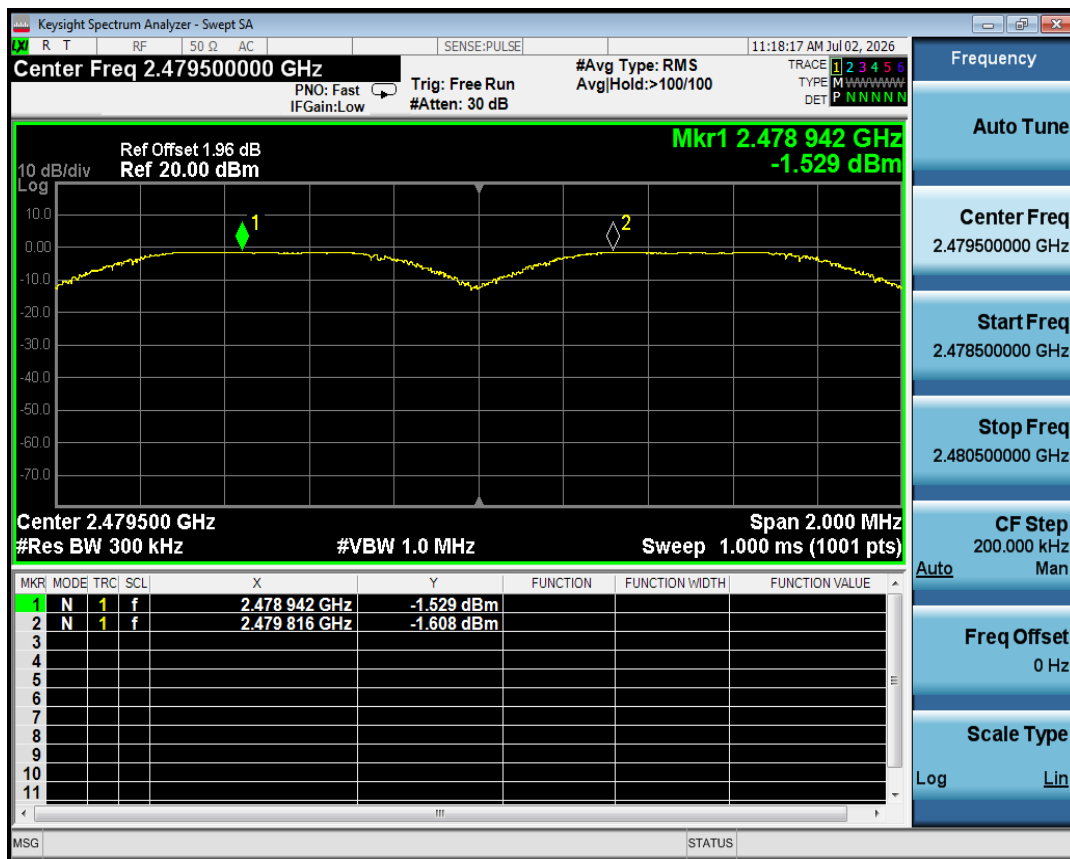
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2401.936	2402.93	0.994	0.56	Pass
NVNT	1-DH1	Ant1	2440.972	2441.926	0.954	0.578	Pass
NVNT	1-DH1	Ant1	2478.942	2479.816	0.874	0.585	Pass
NVNT	2-DH1	Ant1	2401.954	2402.974	1.02	0.817	Pass
NVNT	2-DH1	Ant1	2440.976	2441.968	0.992	0.827	Pass
NVNT	2-DH1	Ant1	2478.94	2479.936	0.996	0.813	Pass



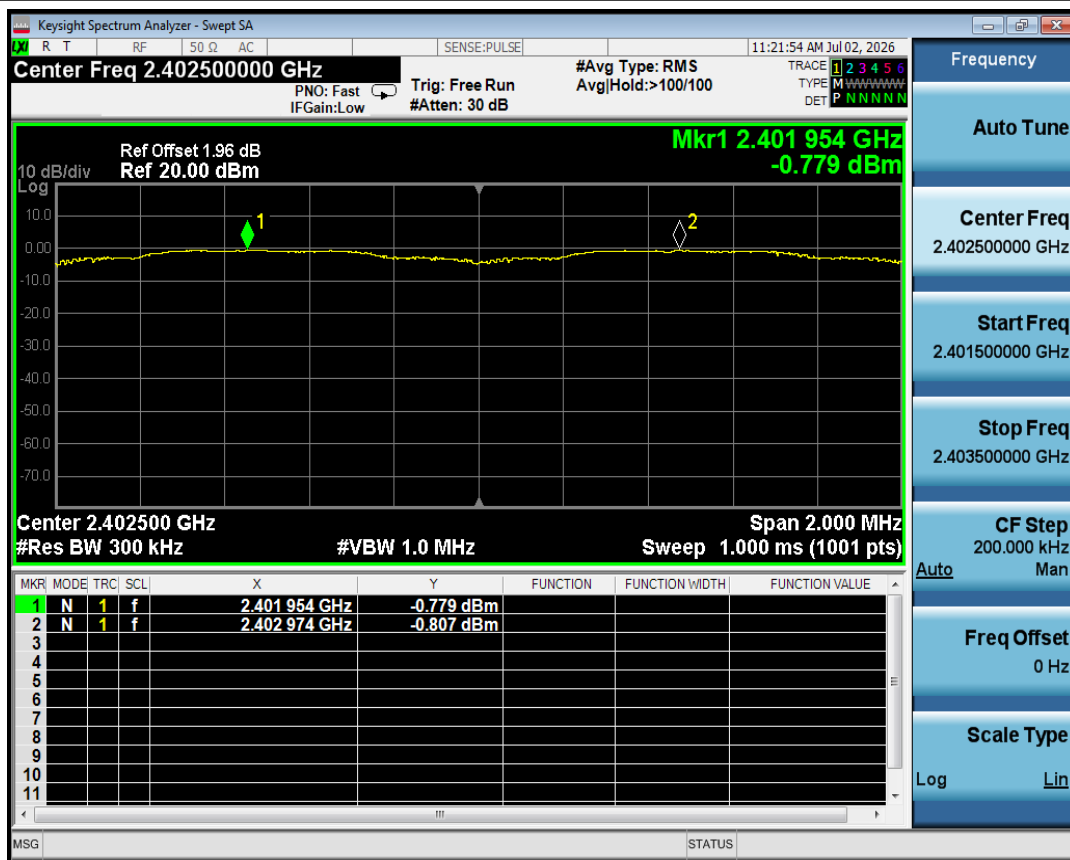
CFS NVNT 1-DH1 2402MHz Ant1



CFS NVNT 1-DH1 2441MHz Ant1



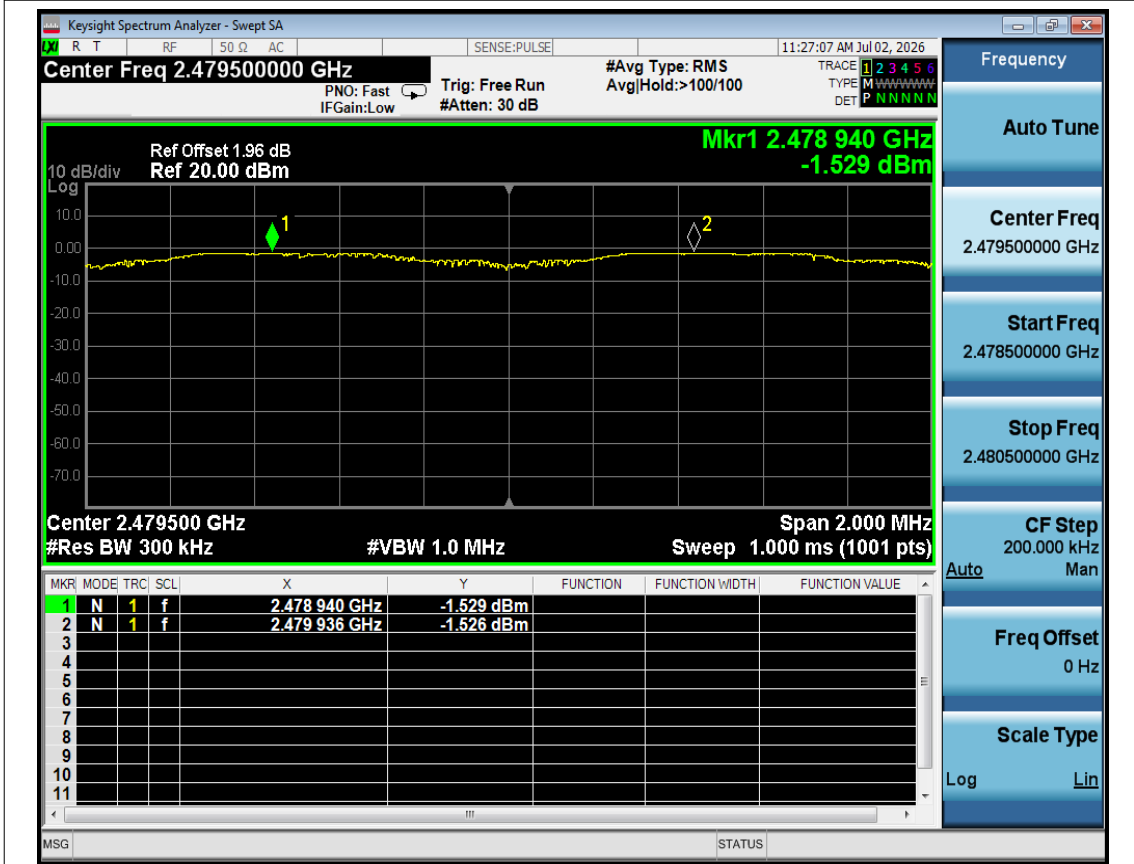
CFS NVNT 1-DH1 2480MHz Ant1



CFS NVNT 2-DH1 2402MHz Ant1



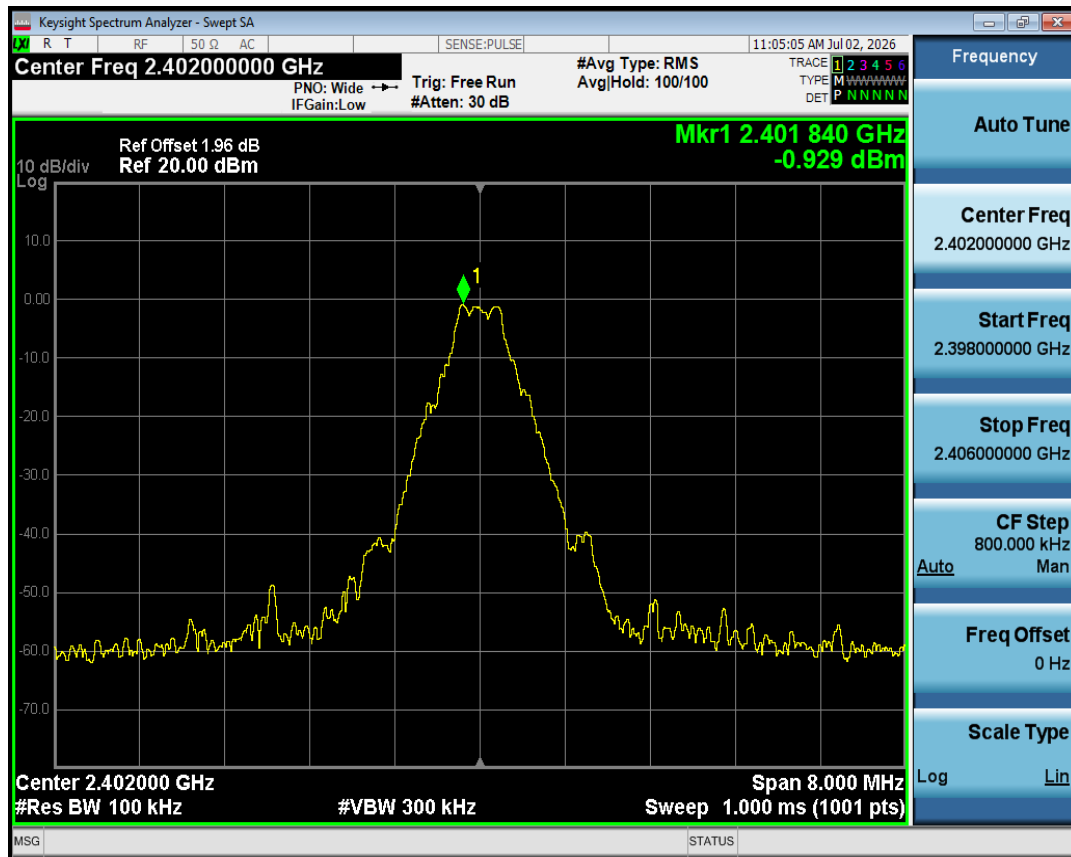
CFS NVNT 2-DH1 2441MHz Ant1



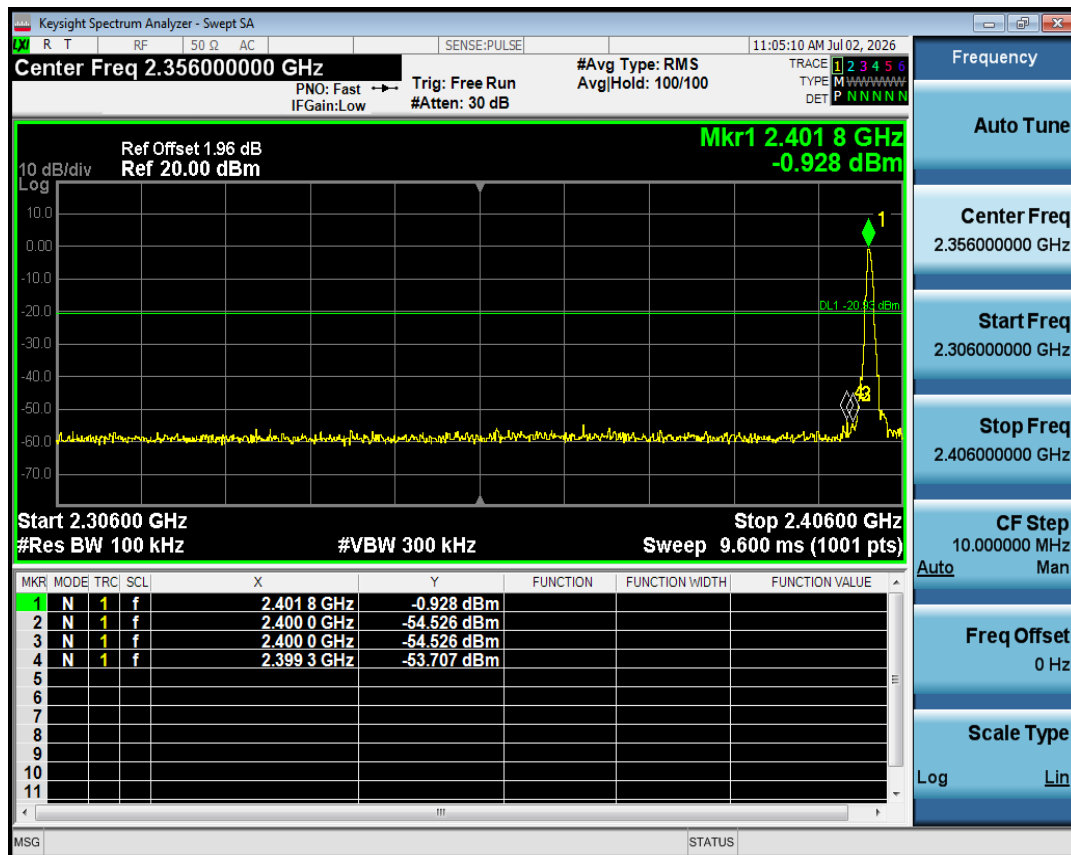
CFS NVNT 2-DH1 2480MHz Ant1

Band Edge

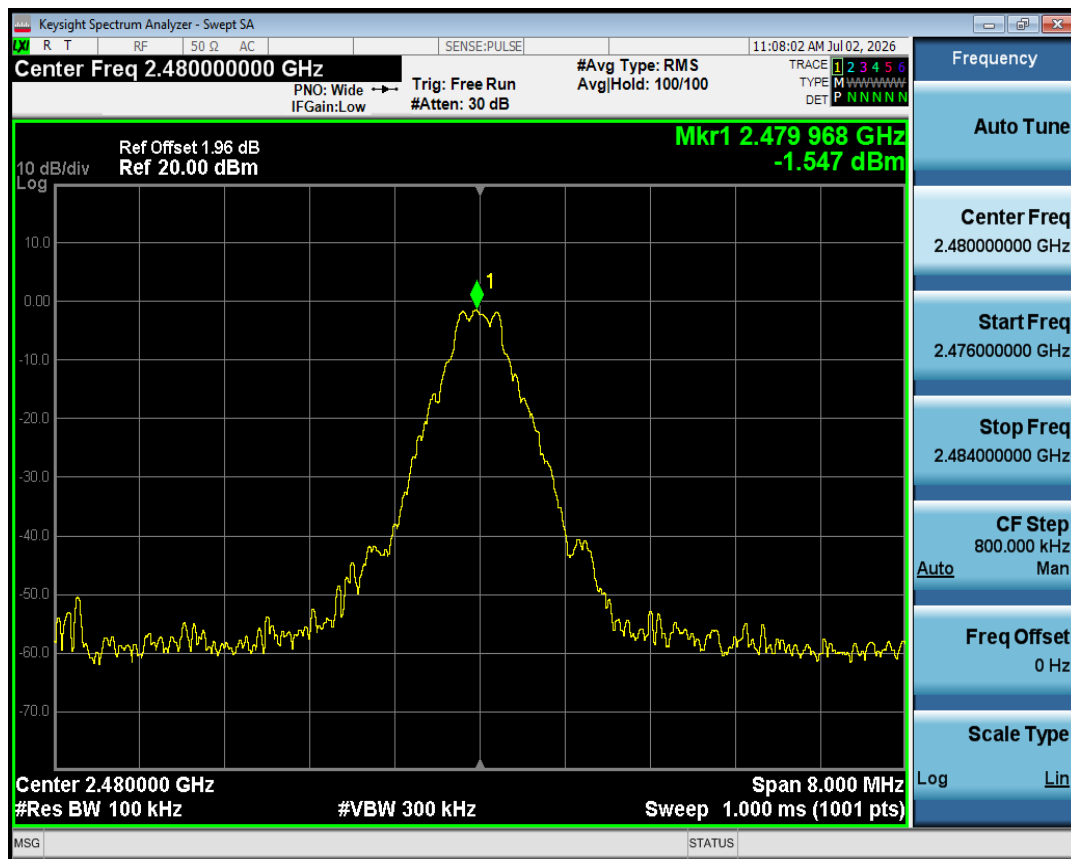
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-52.77	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-54.81	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-51.26	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-54.79	-20	Pass



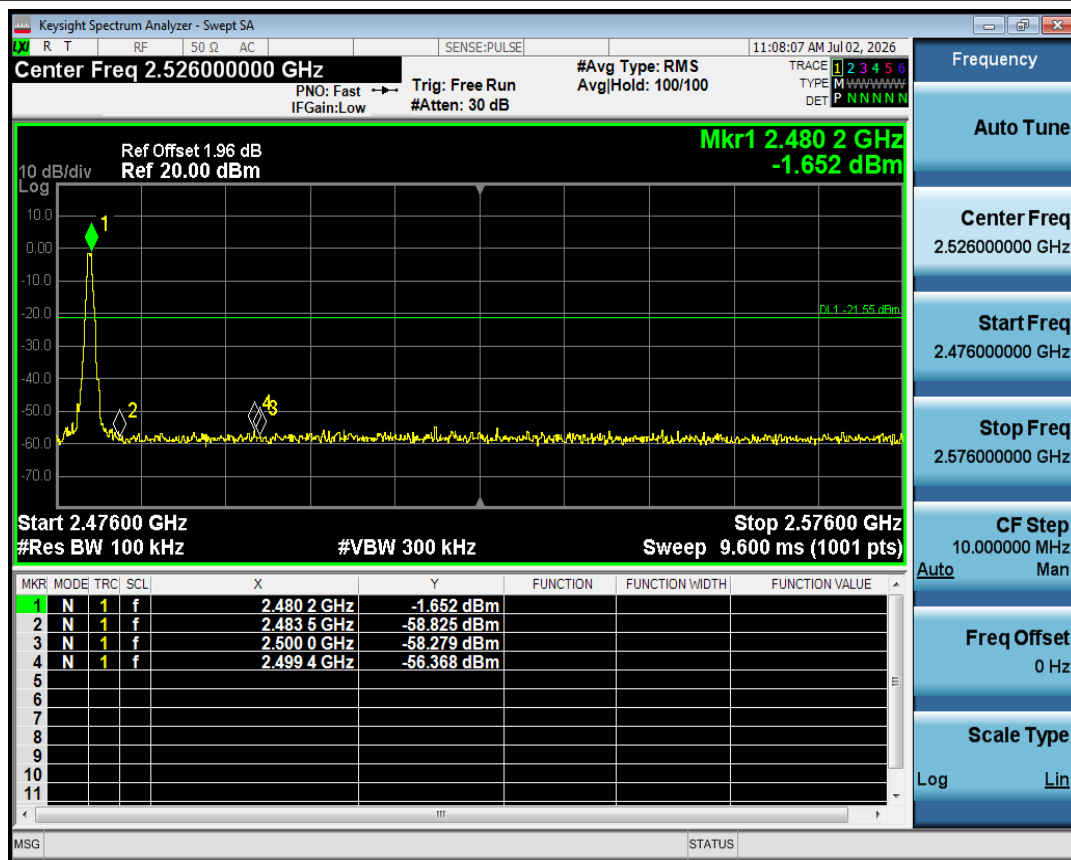
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



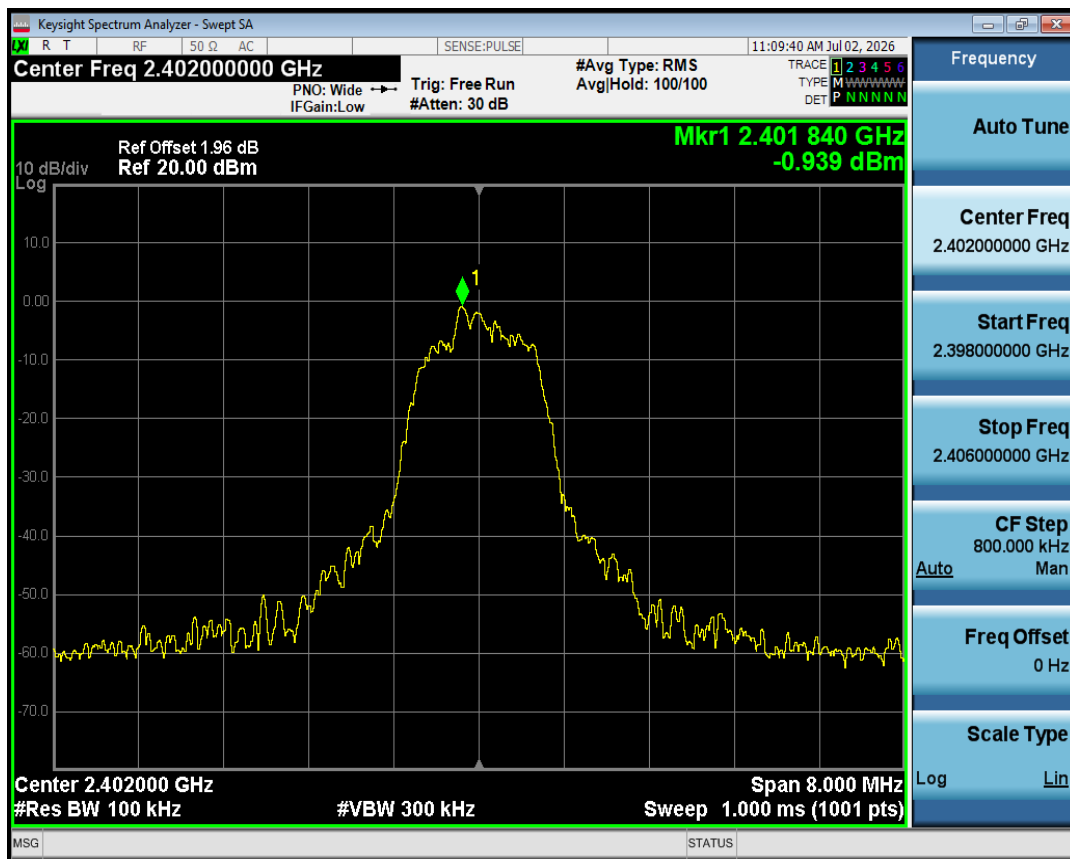
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



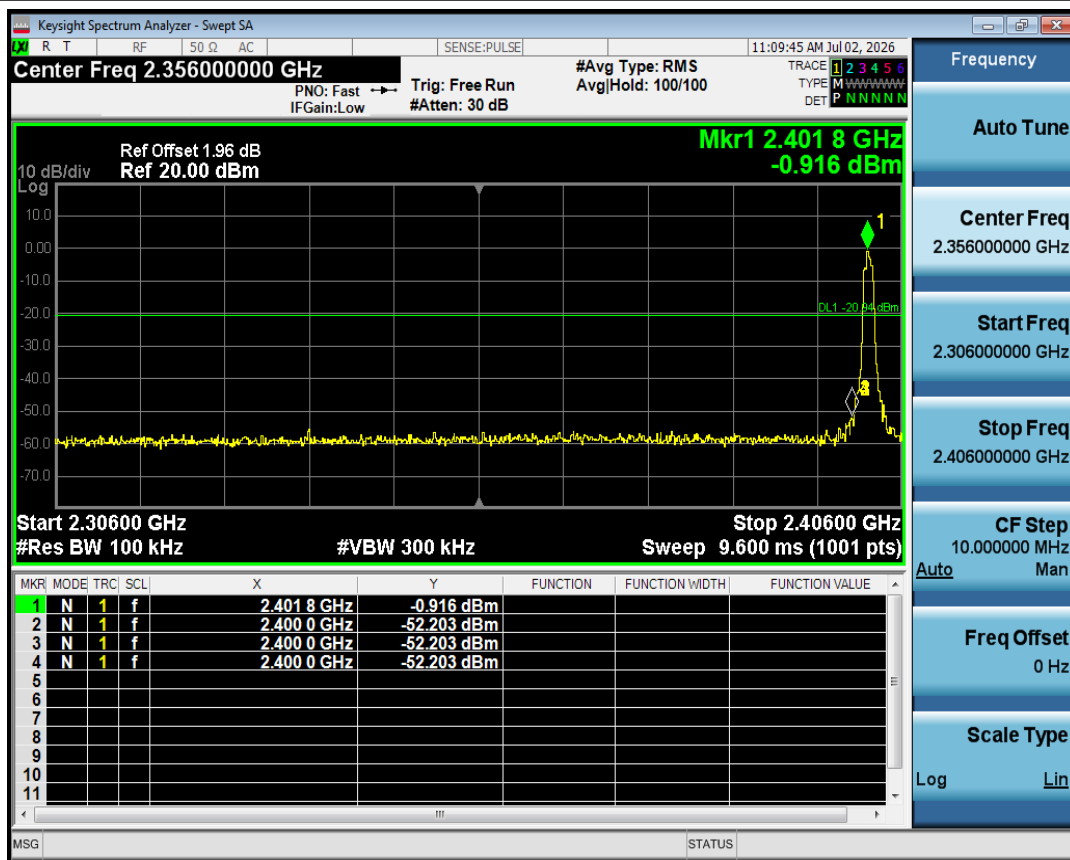
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



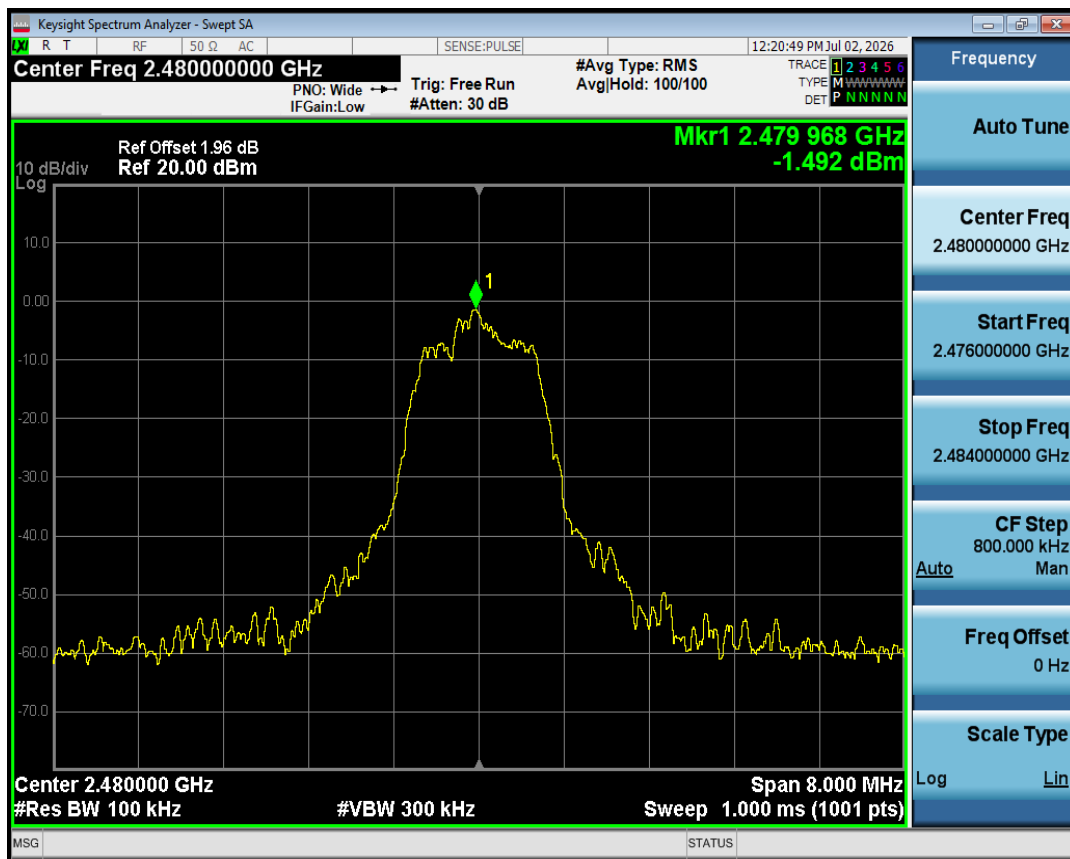
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



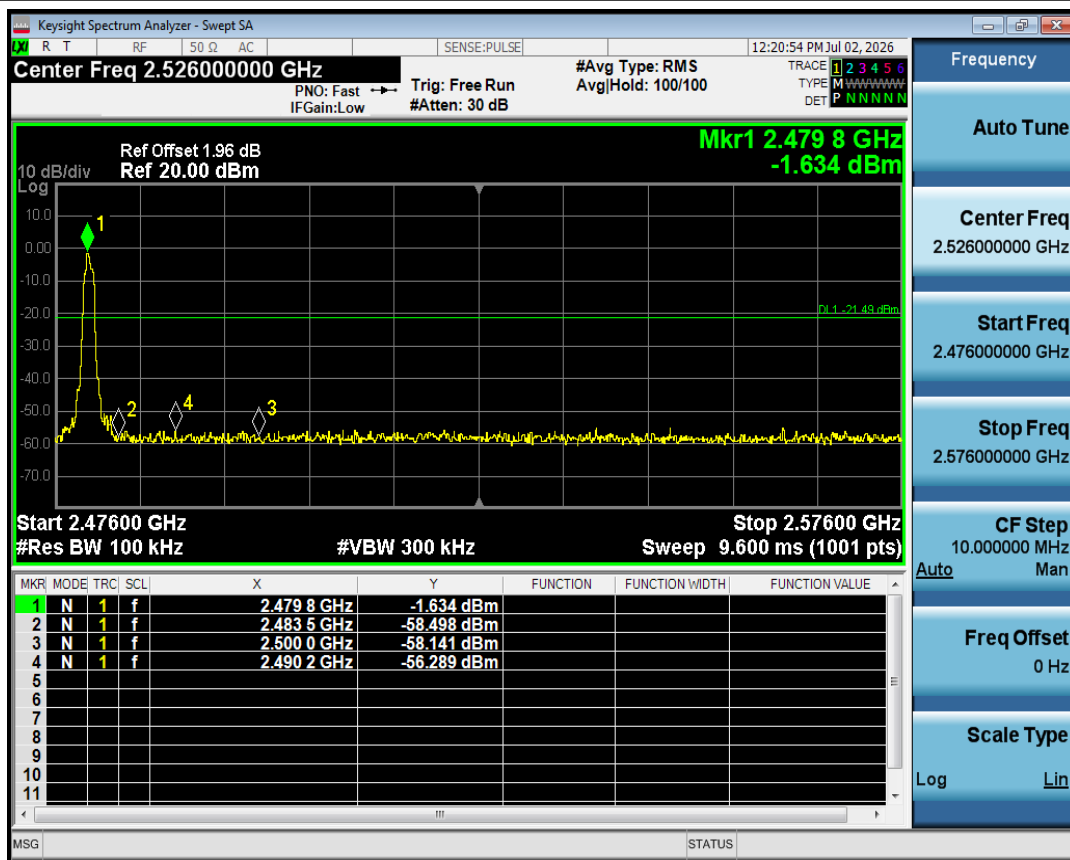
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



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



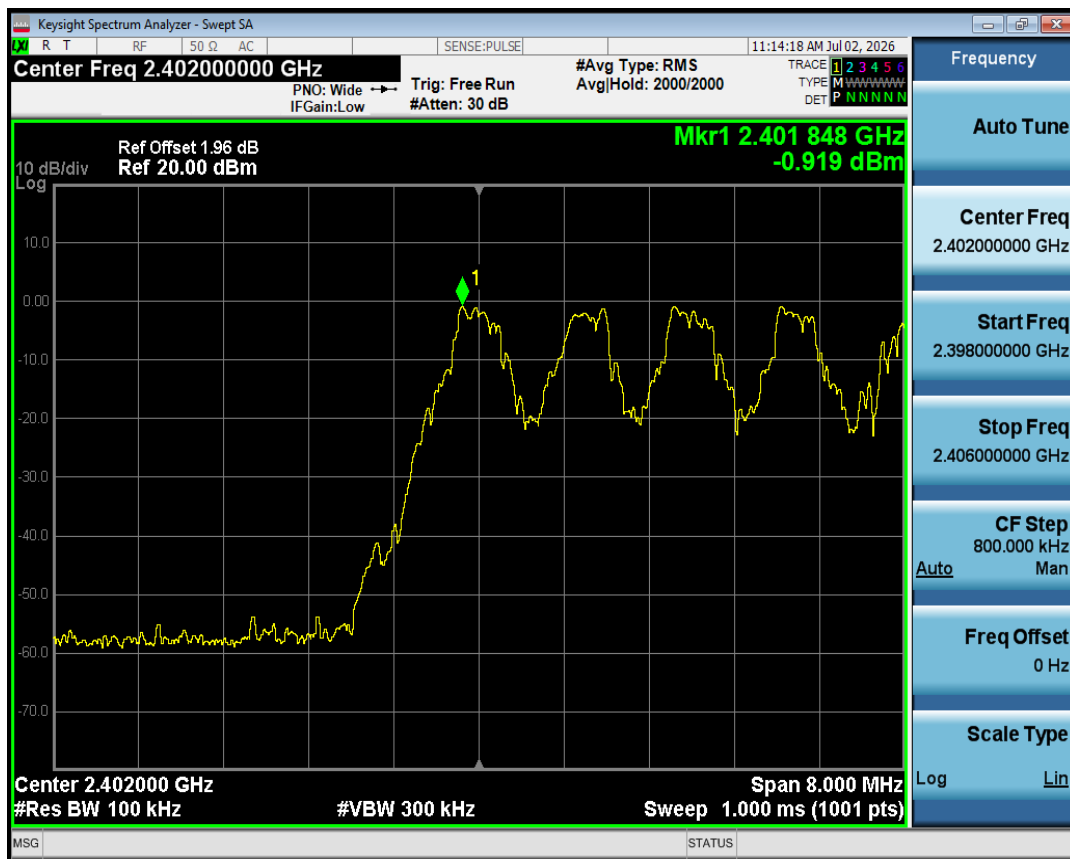
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



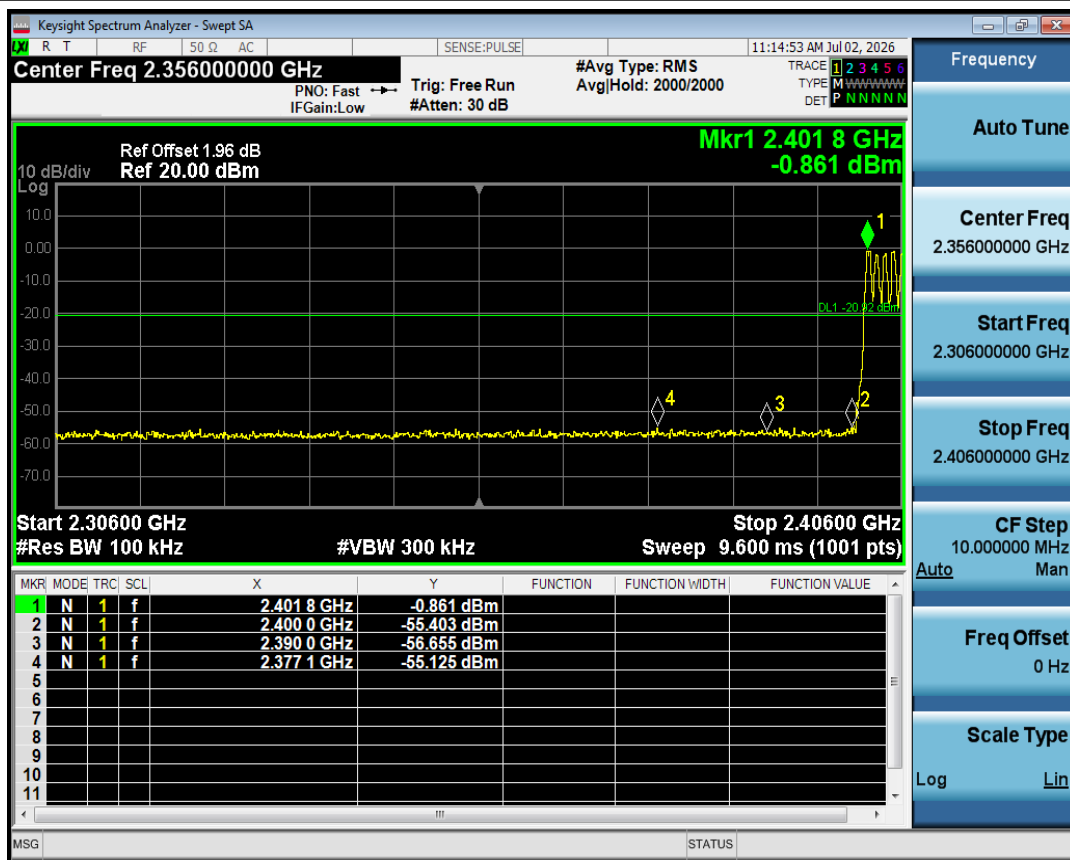
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission

Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-54.2	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-52.78	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-54.14	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-53.68	-20	Pass



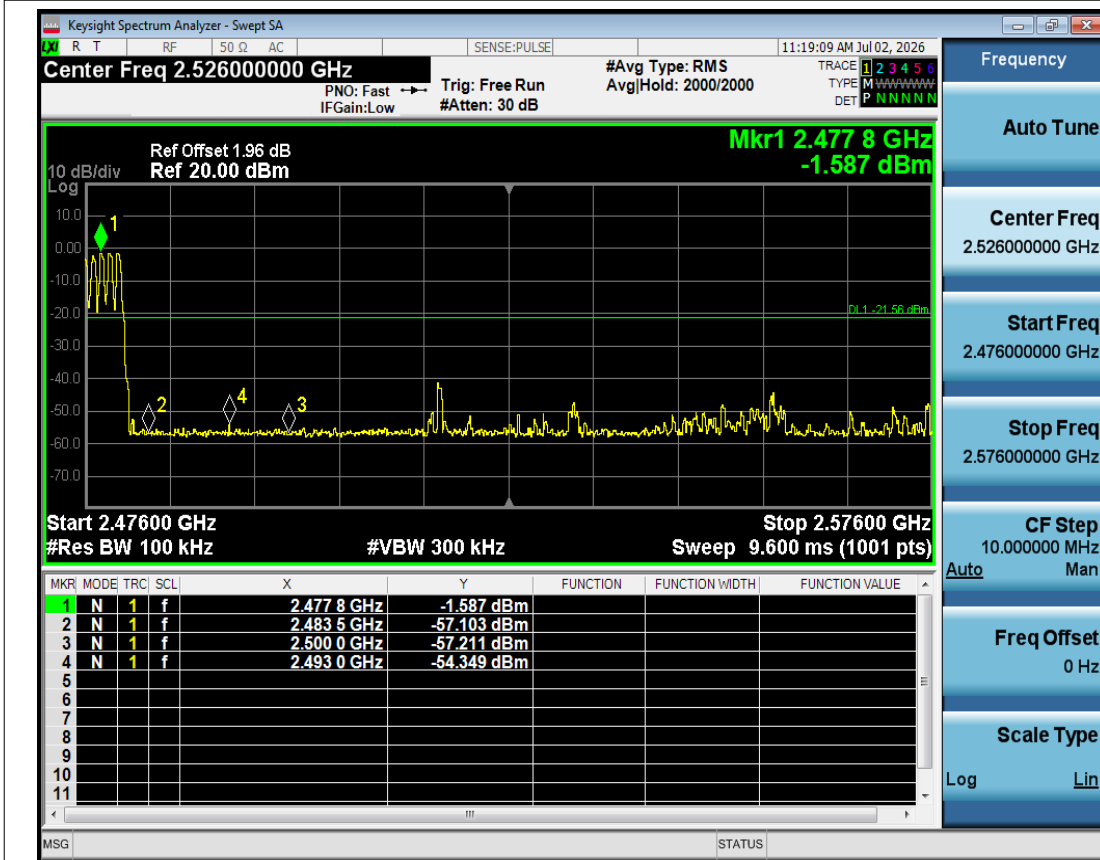
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



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



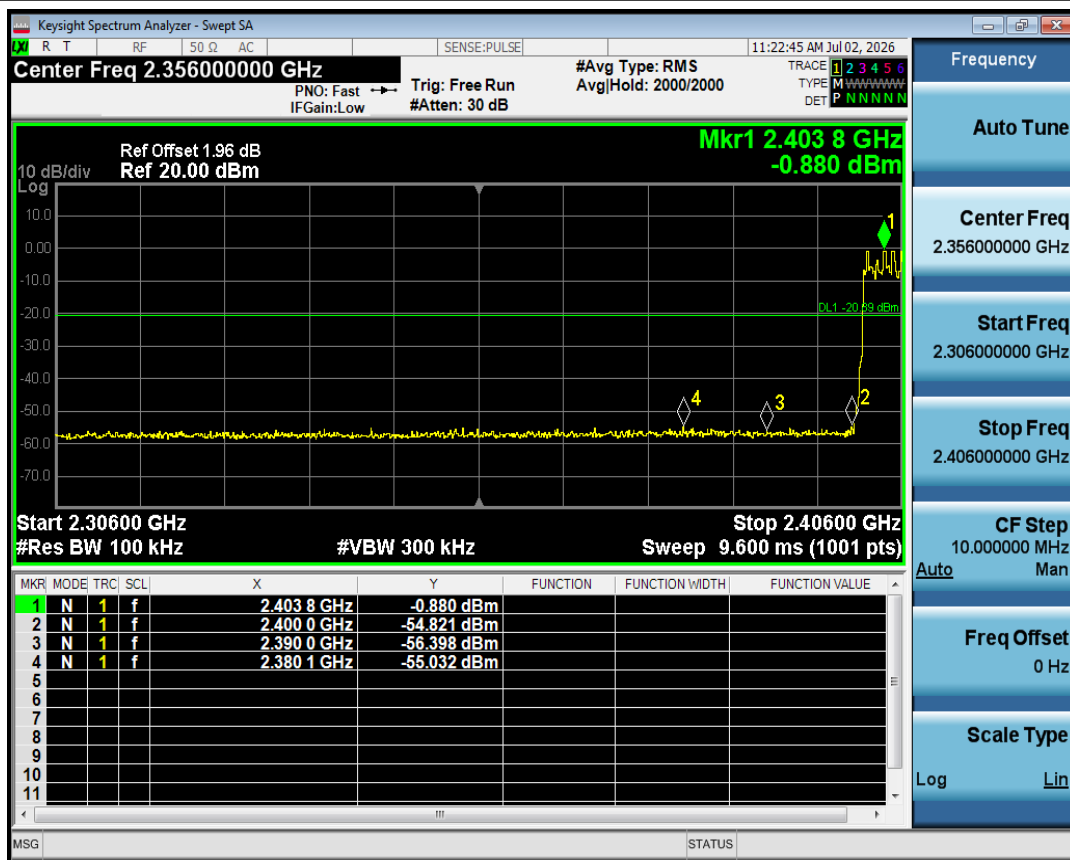
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



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



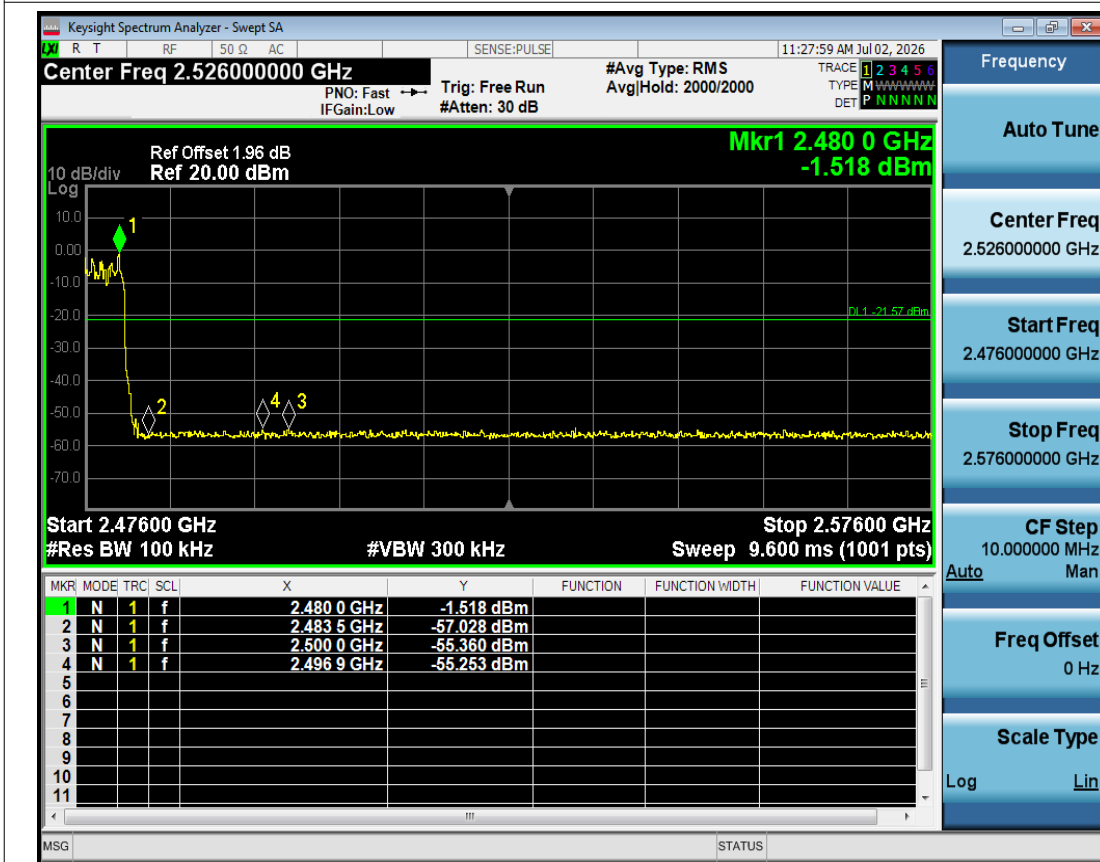
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref



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



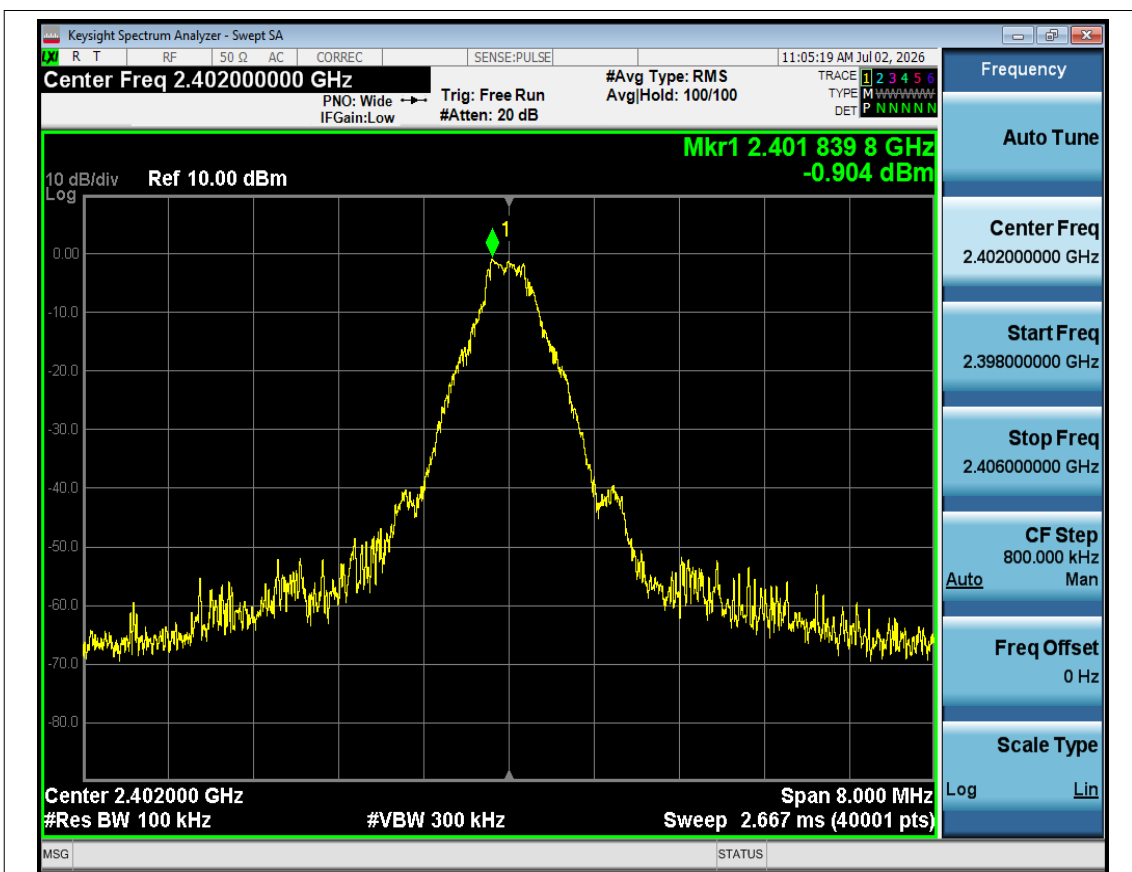
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



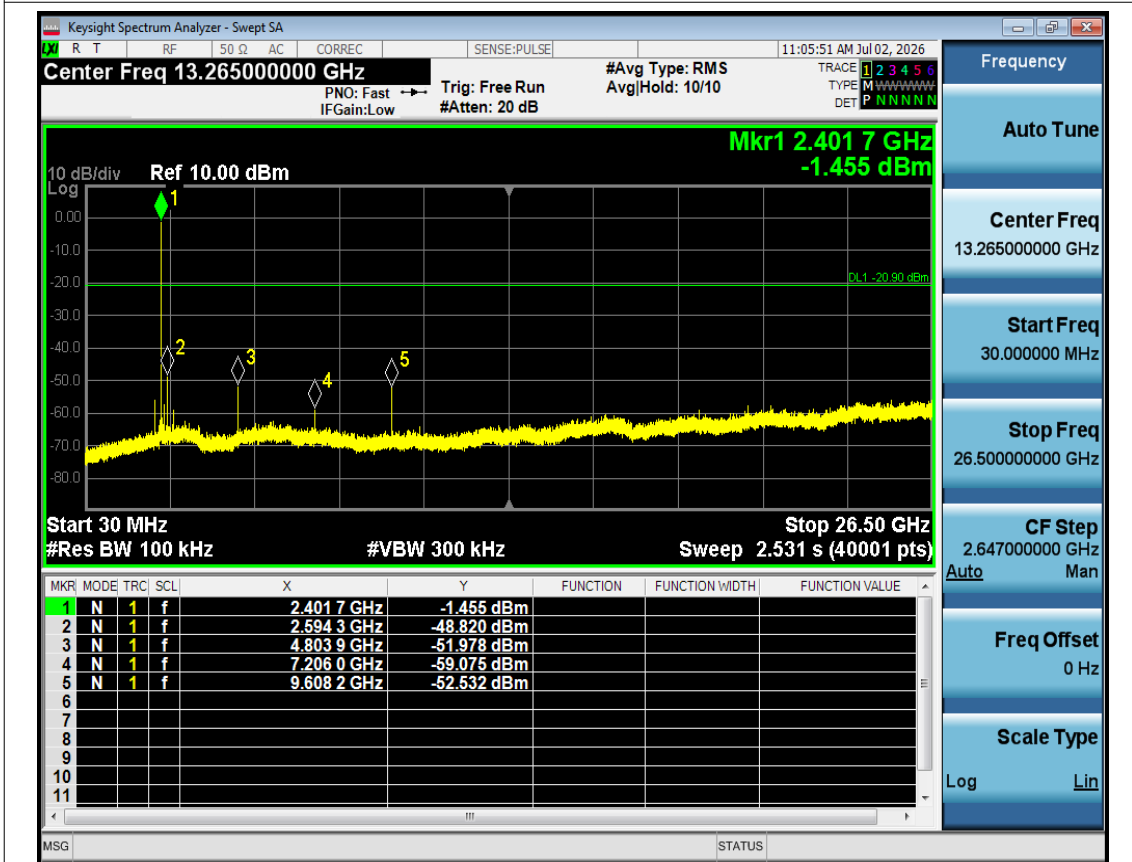
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission

Conducted RF Spurious Emission

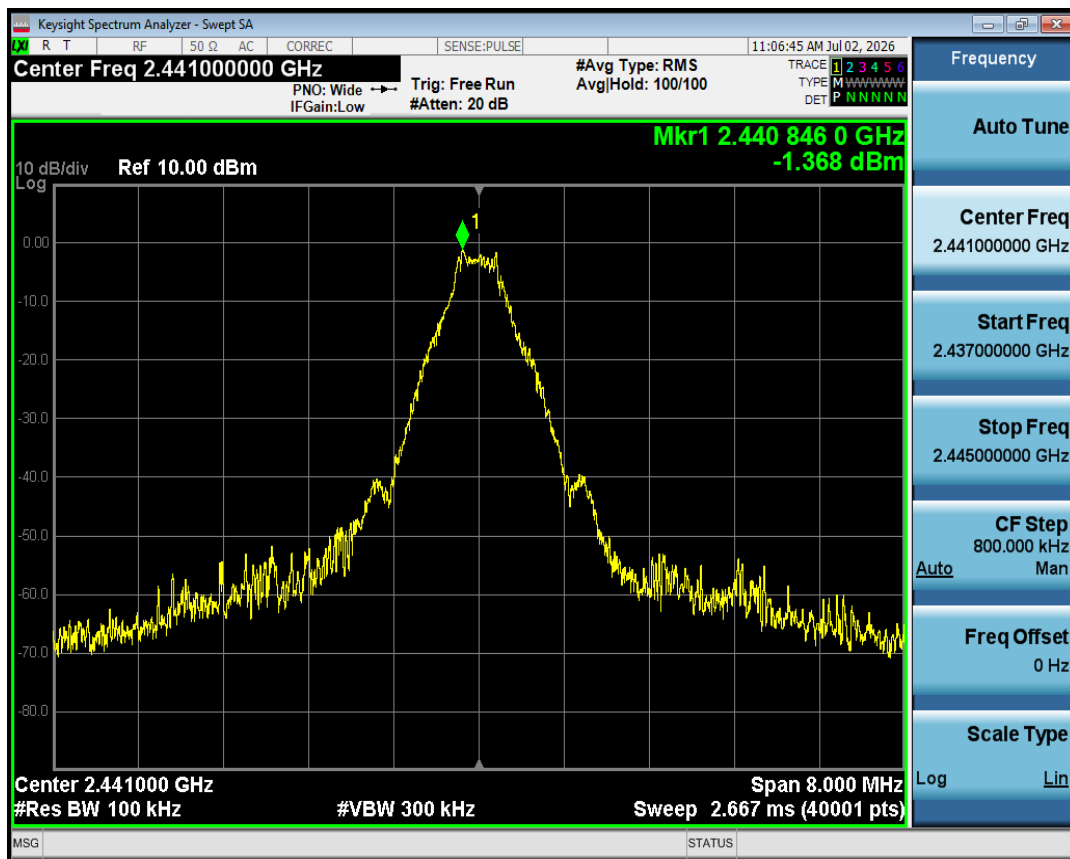
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-47.92	-20	Pass
NVNT	1-DH1	2441	Ant1	-44.27	-20	Pass
NVNT	1-DH1	2480	Ant1	-43.53	-20	Pass
NVNT	2-DH1	2402	Ant1	-50.58	-20	Pass
NVNT	2-DH1	2441	Ant1	-42.58	-20	Pass
NVNT	2-DH1	2480	Ant1	-40.76	-20	Pass



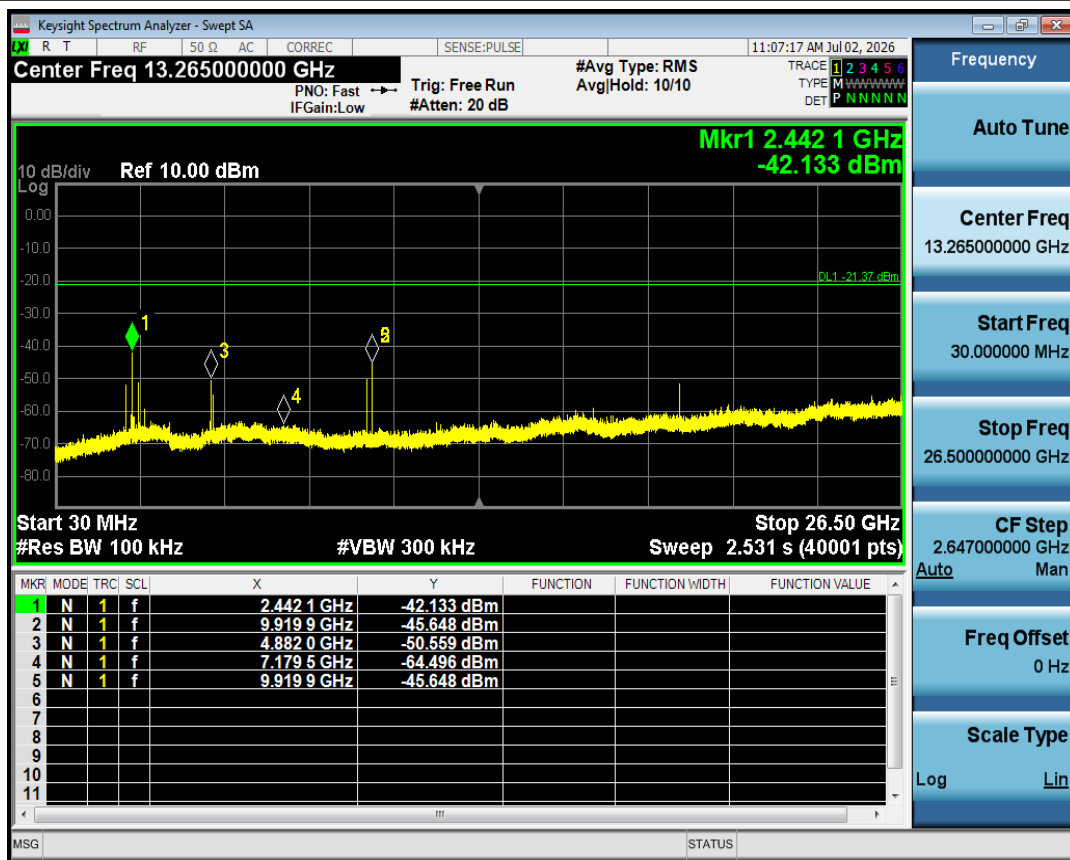
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



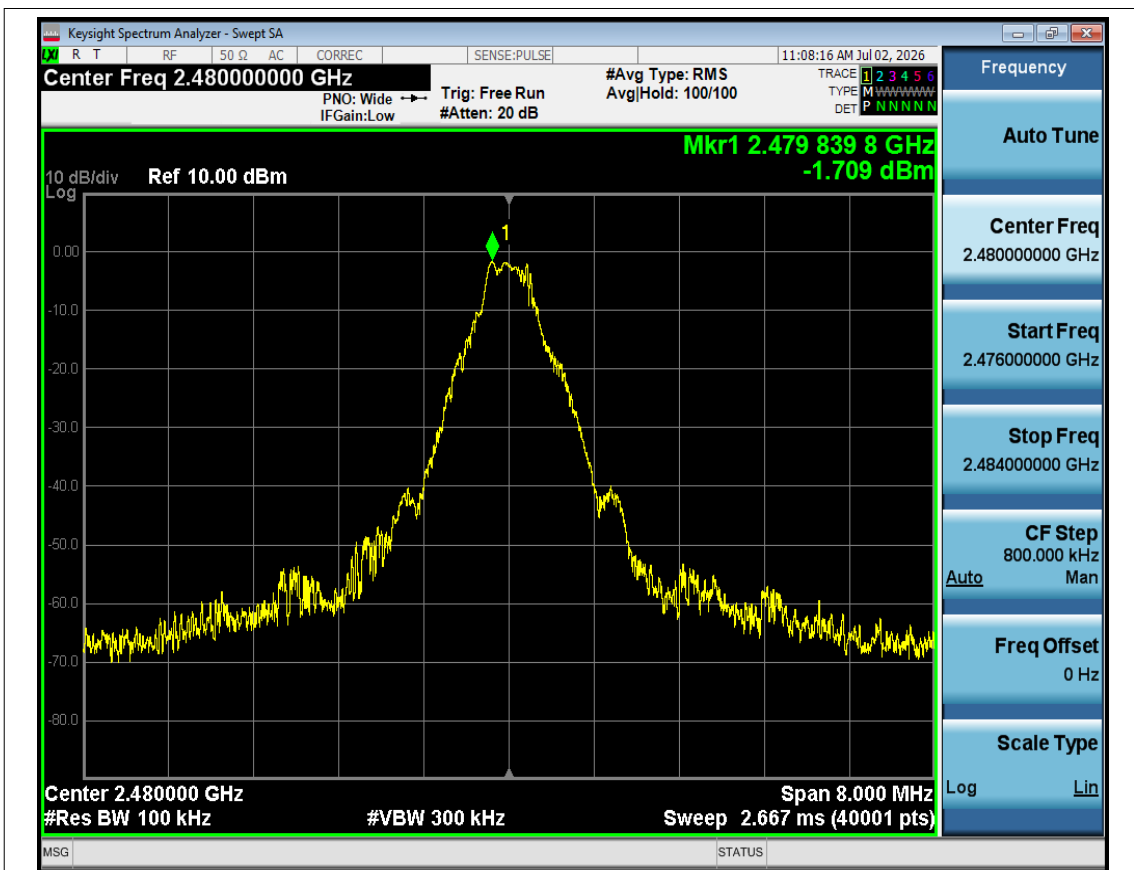
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



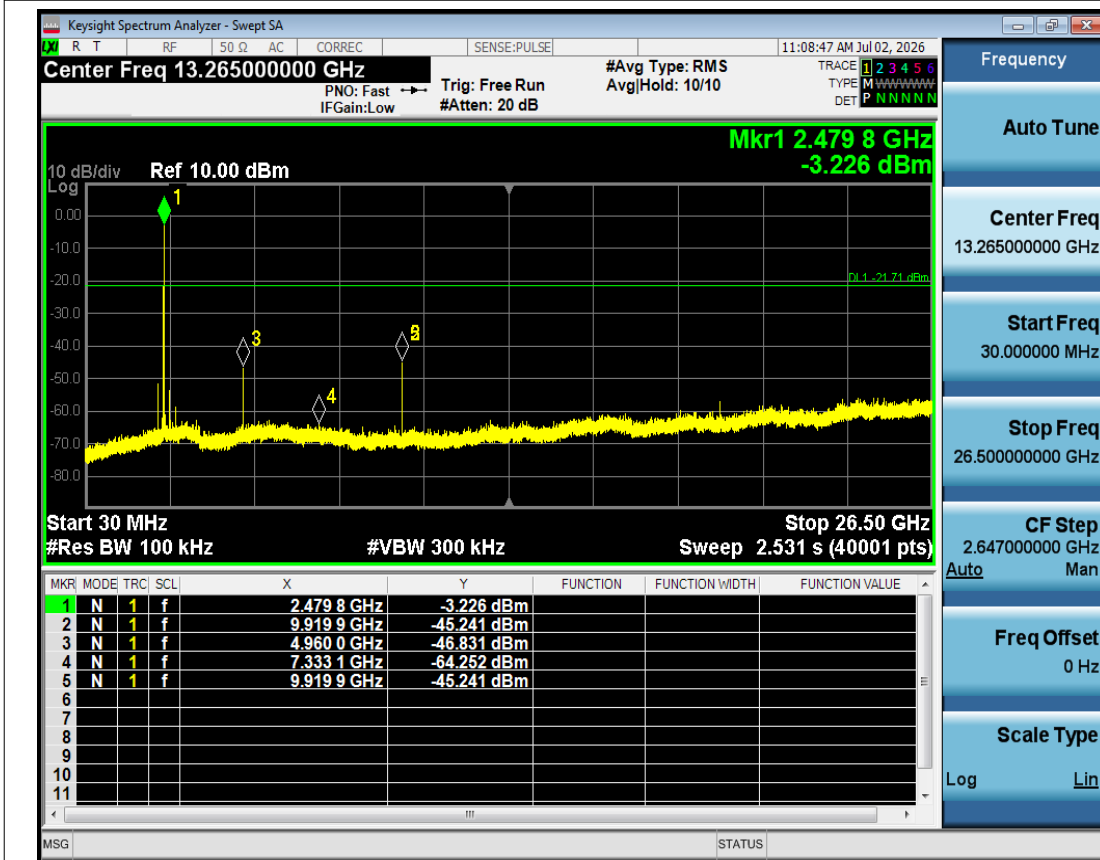
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



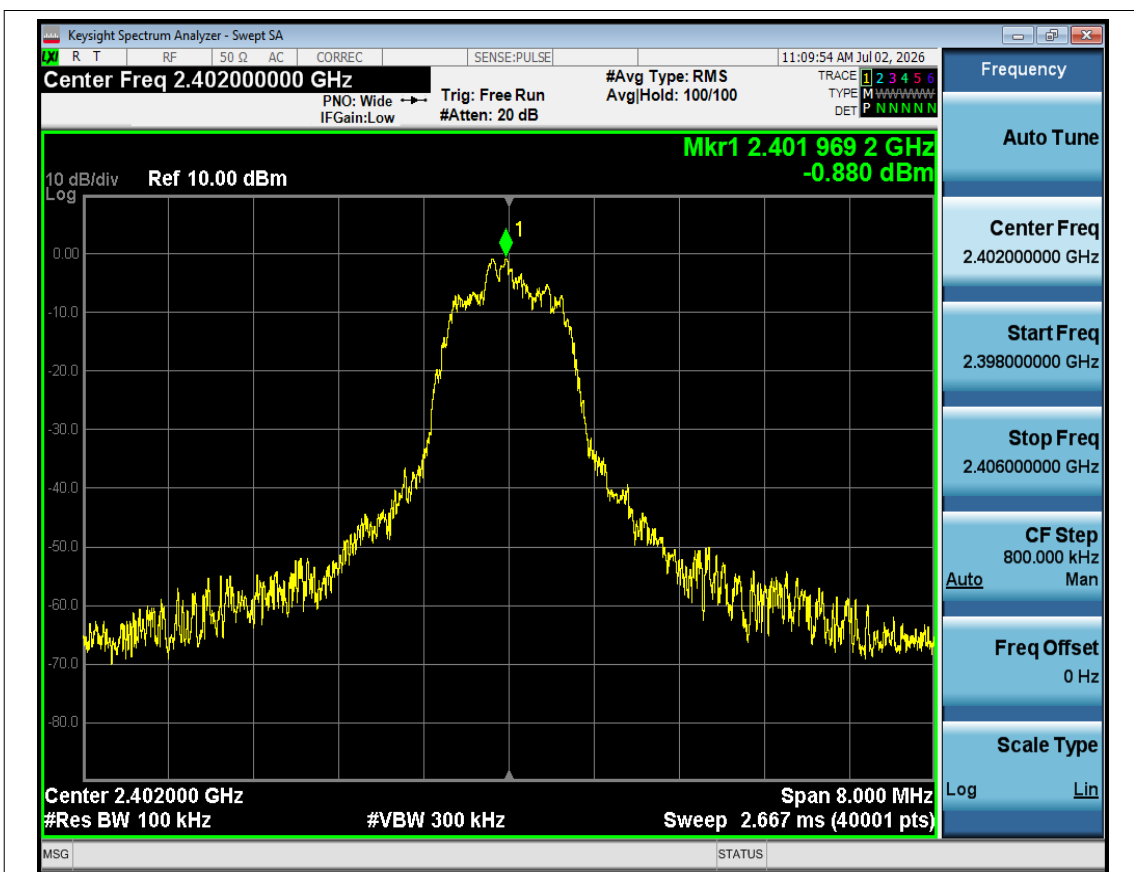
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



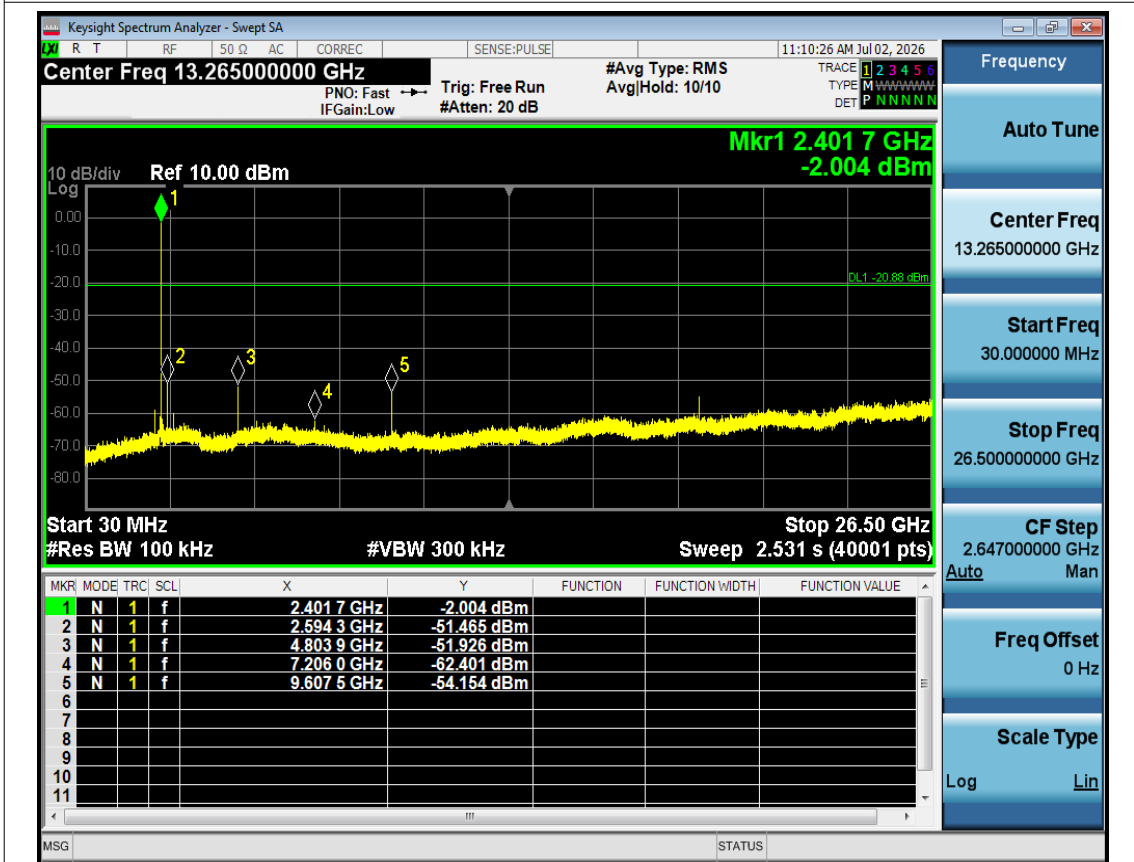
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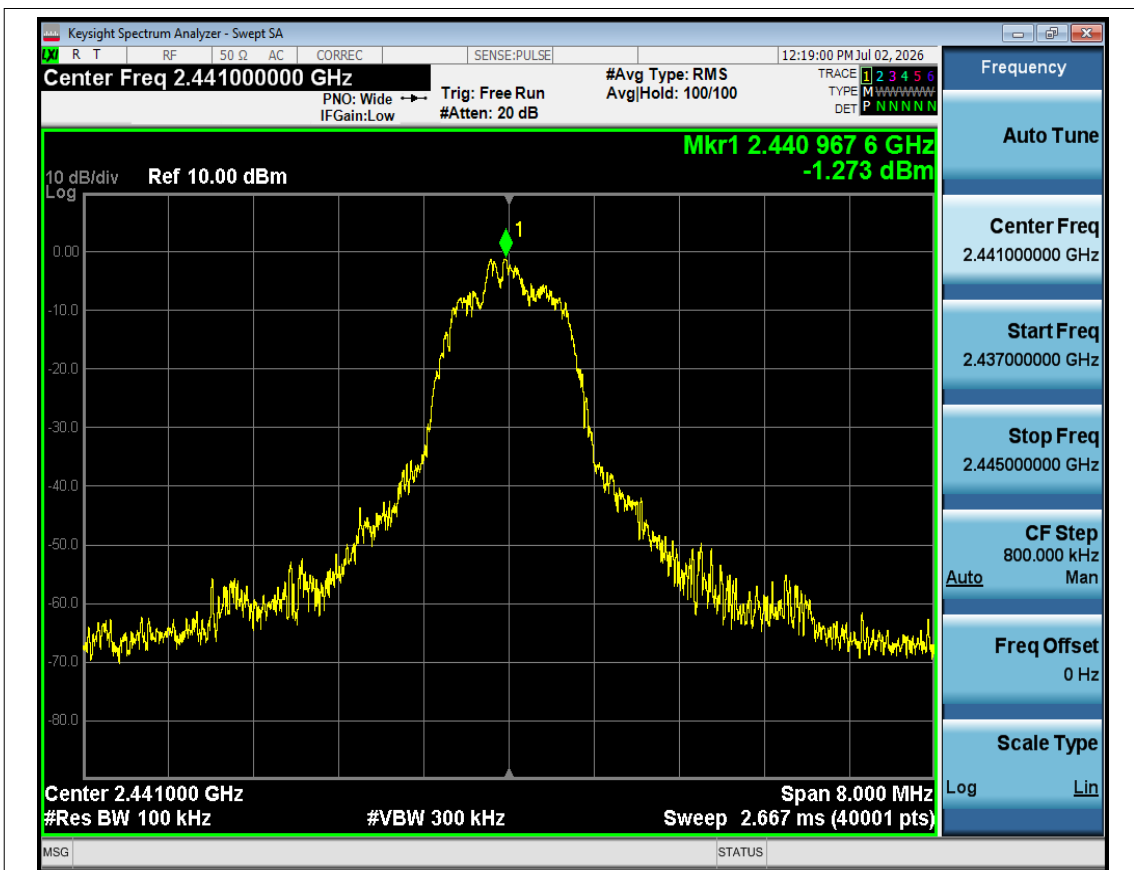
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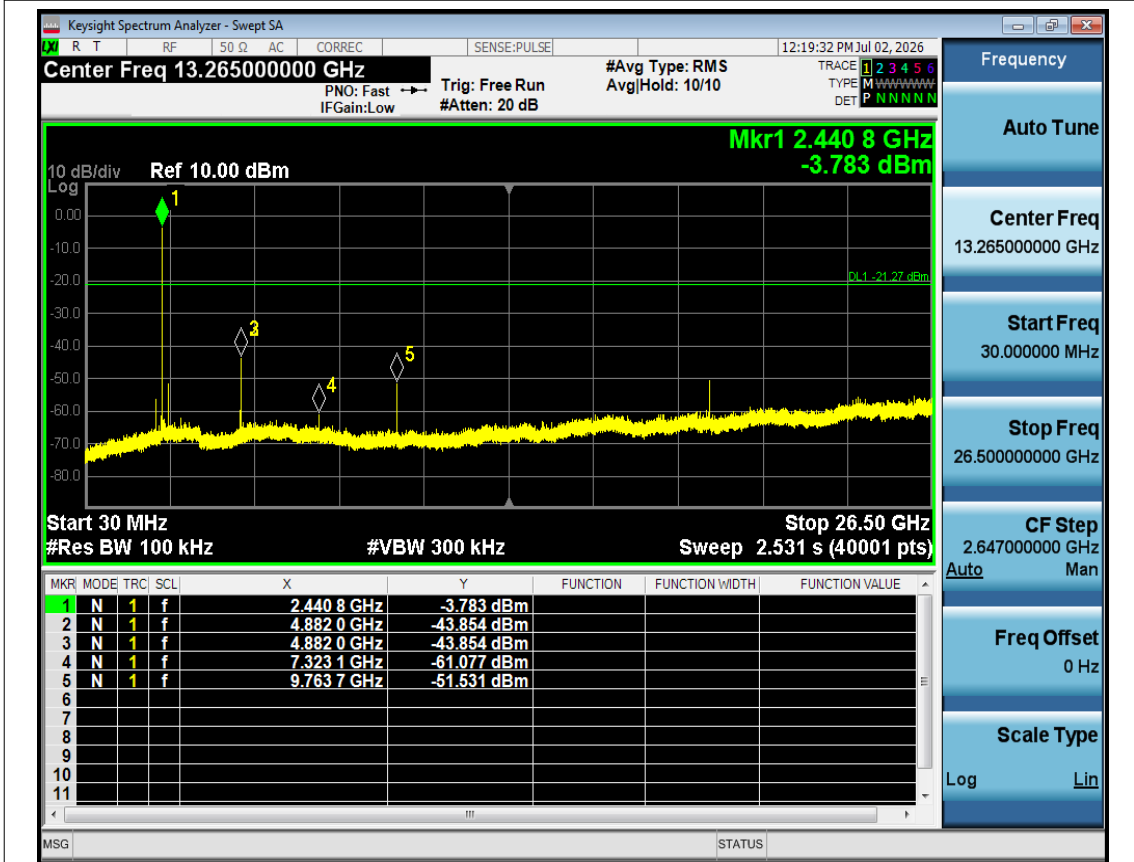
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



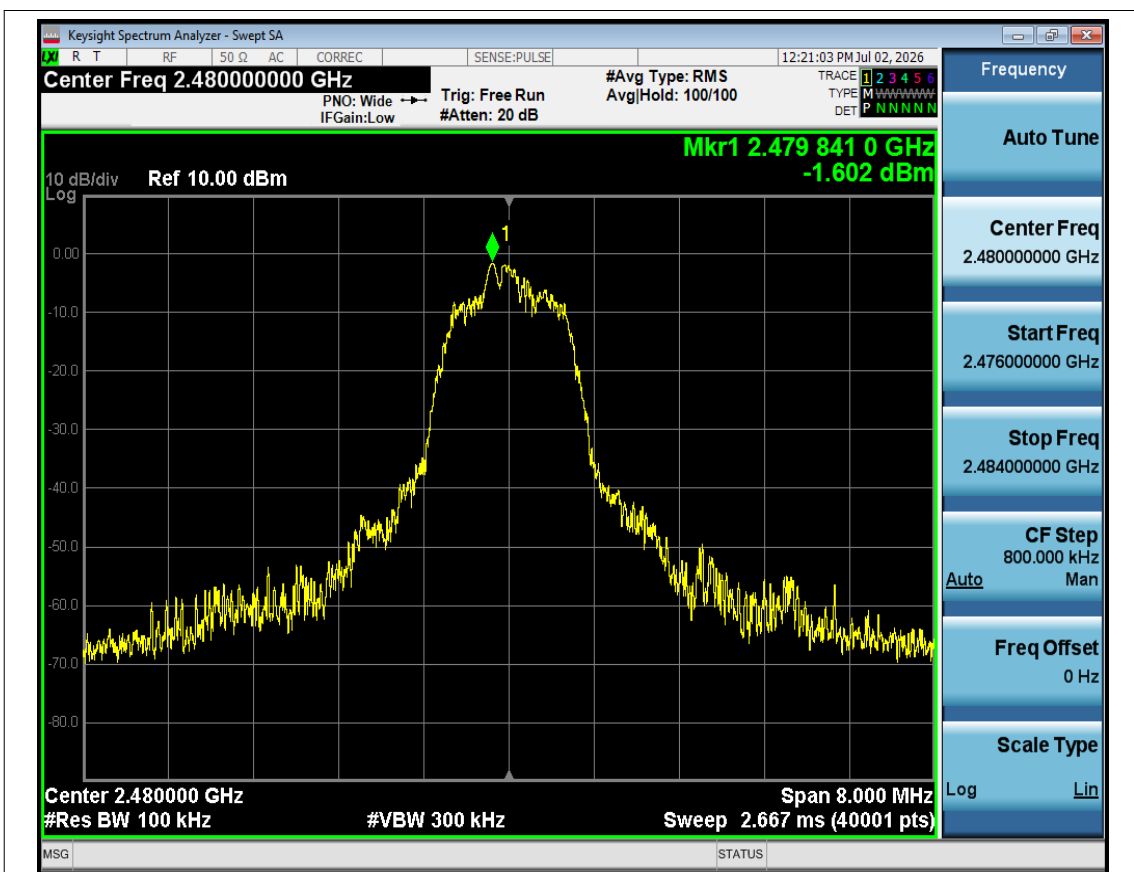
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



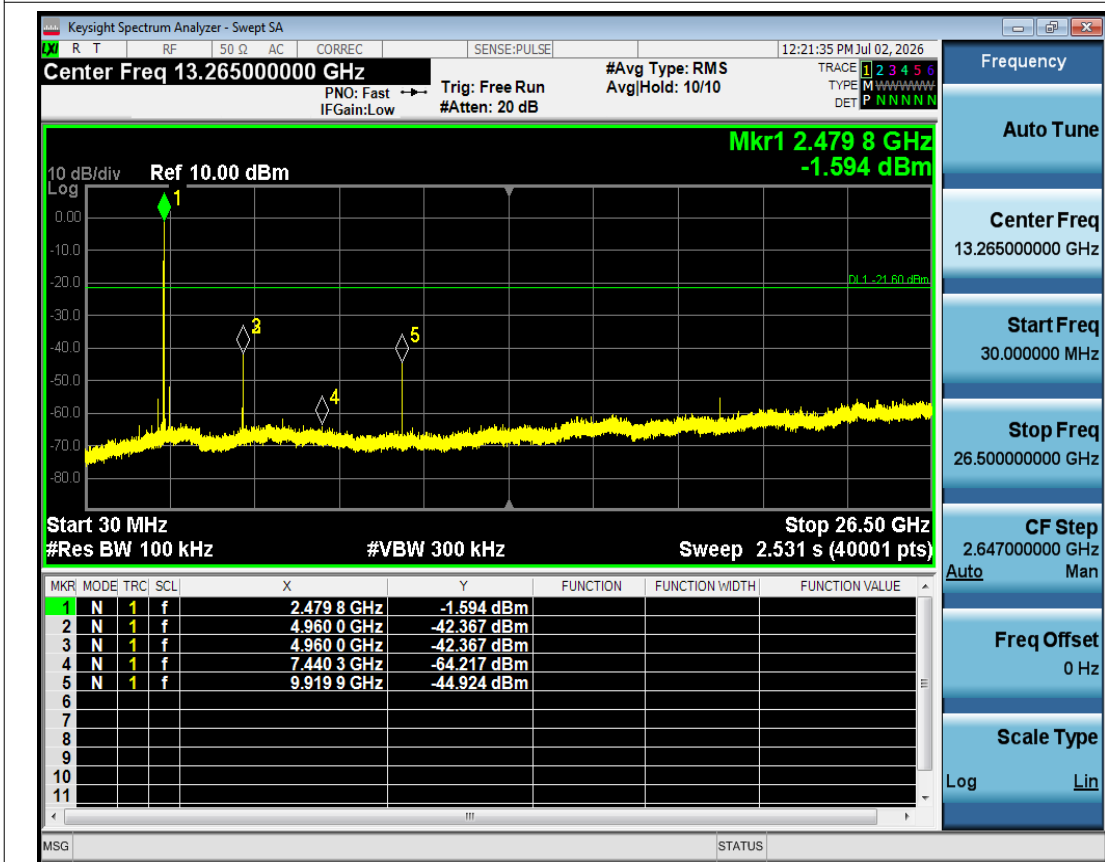
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



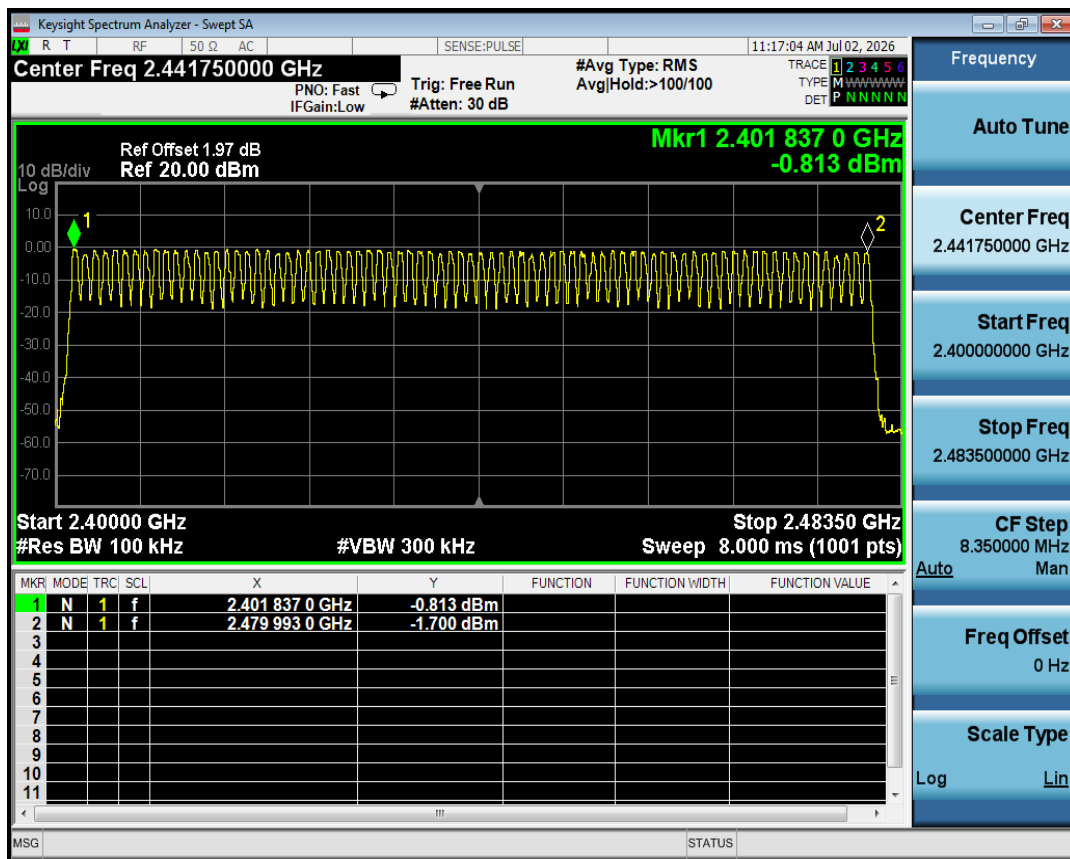
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



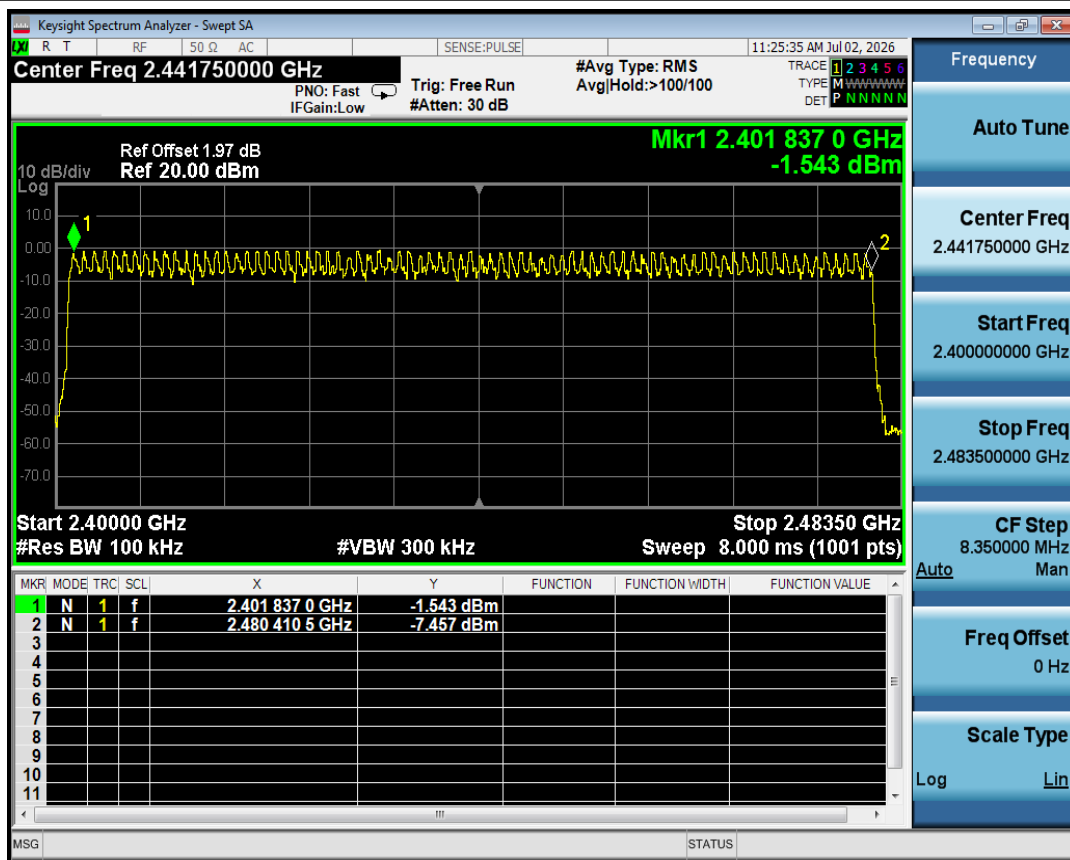
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission

Number of Hopping Channel

Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass



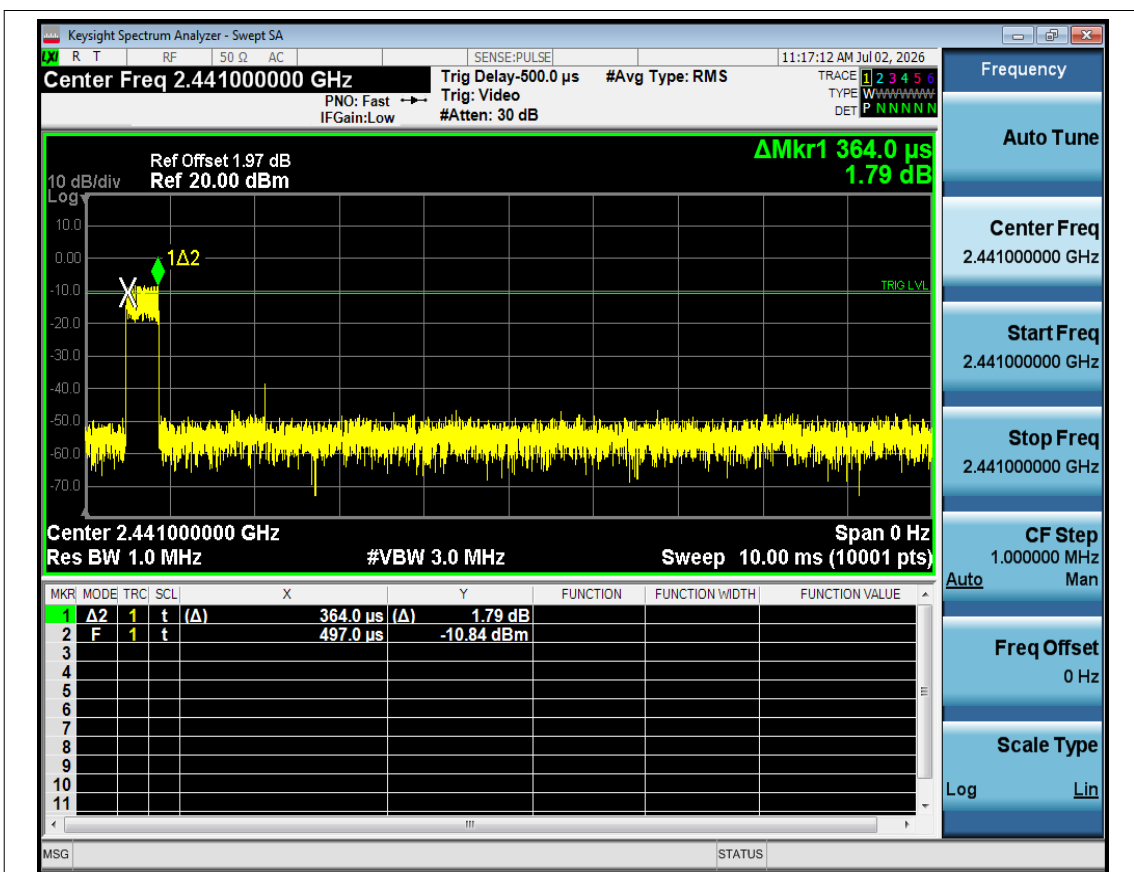
Hopping No. NVNT 1-DH1 2441MHz Ant1



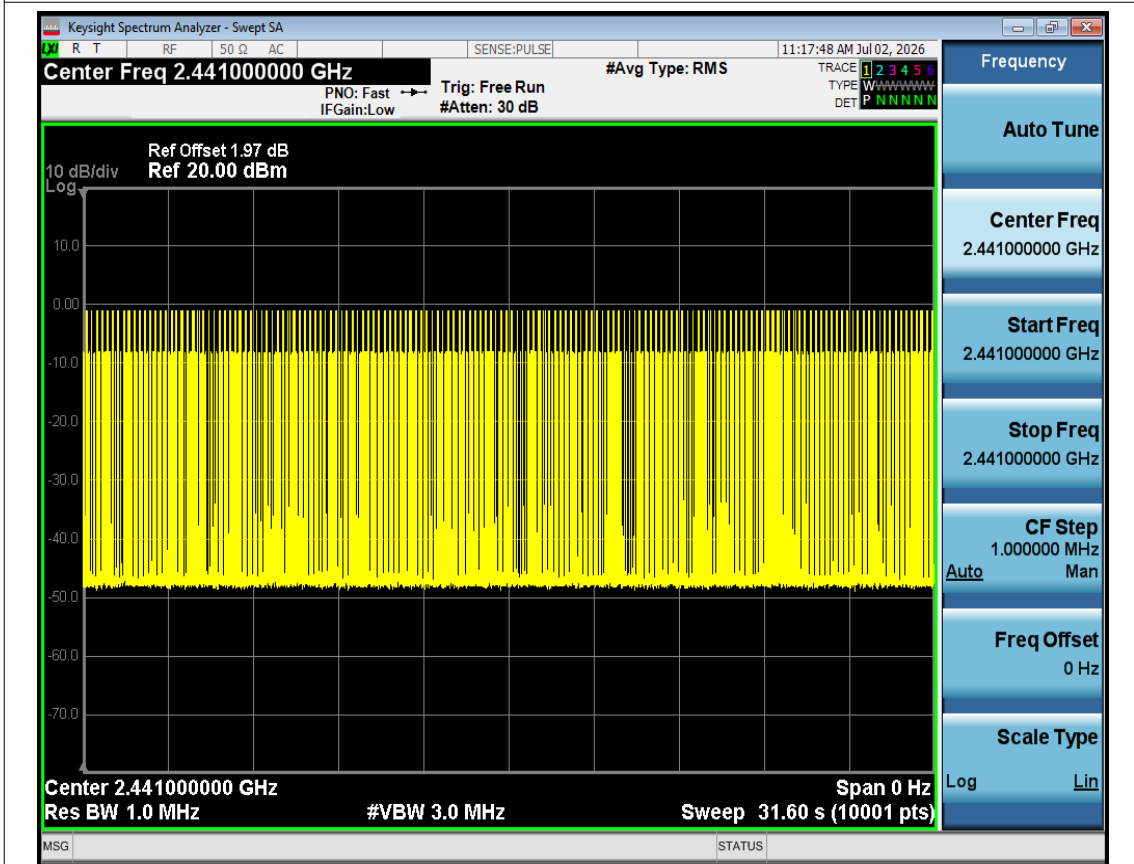
Hopping No. NVNT 2-DH1 2441MHz Ant1

Dwell Time

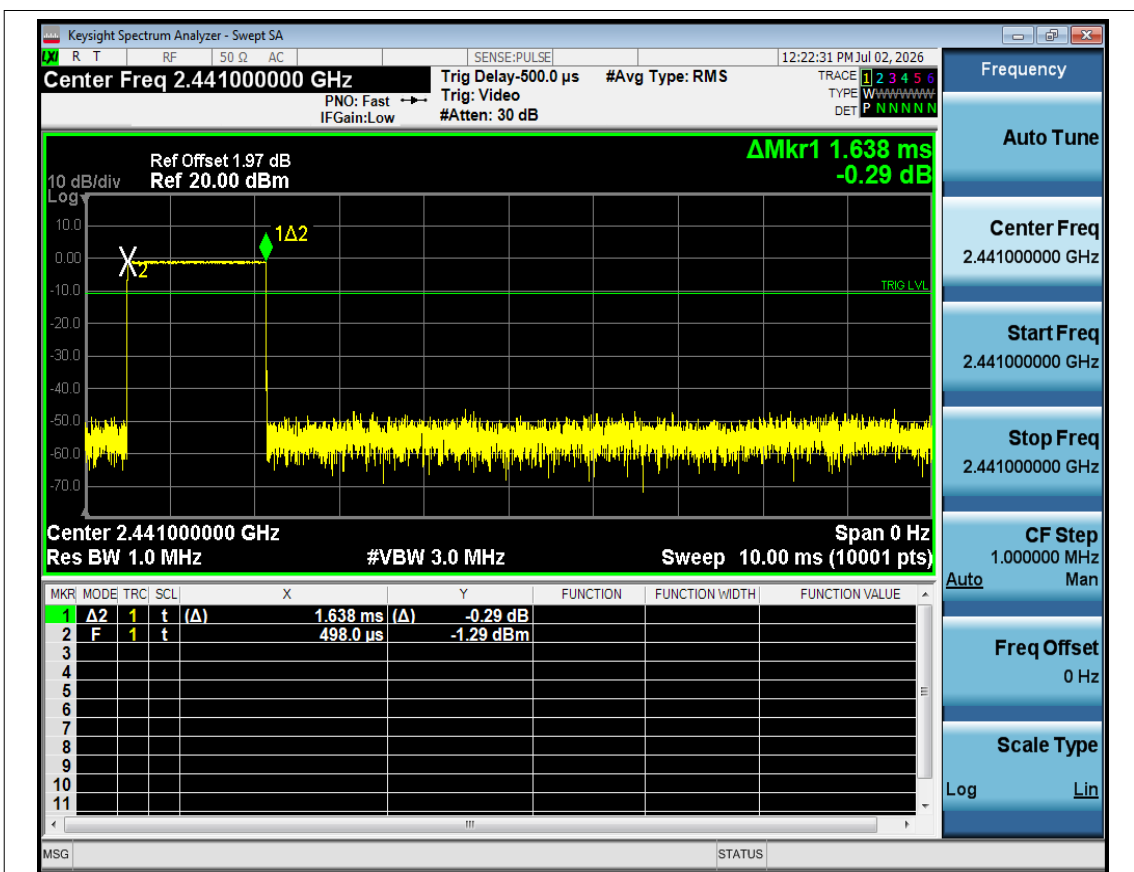
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.364	116.116	319	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.638	260.442	159	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.879	308.053	107	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.391	123.556	316	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.634	243.466	149	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.892	303.66	105	31600	400	Pass



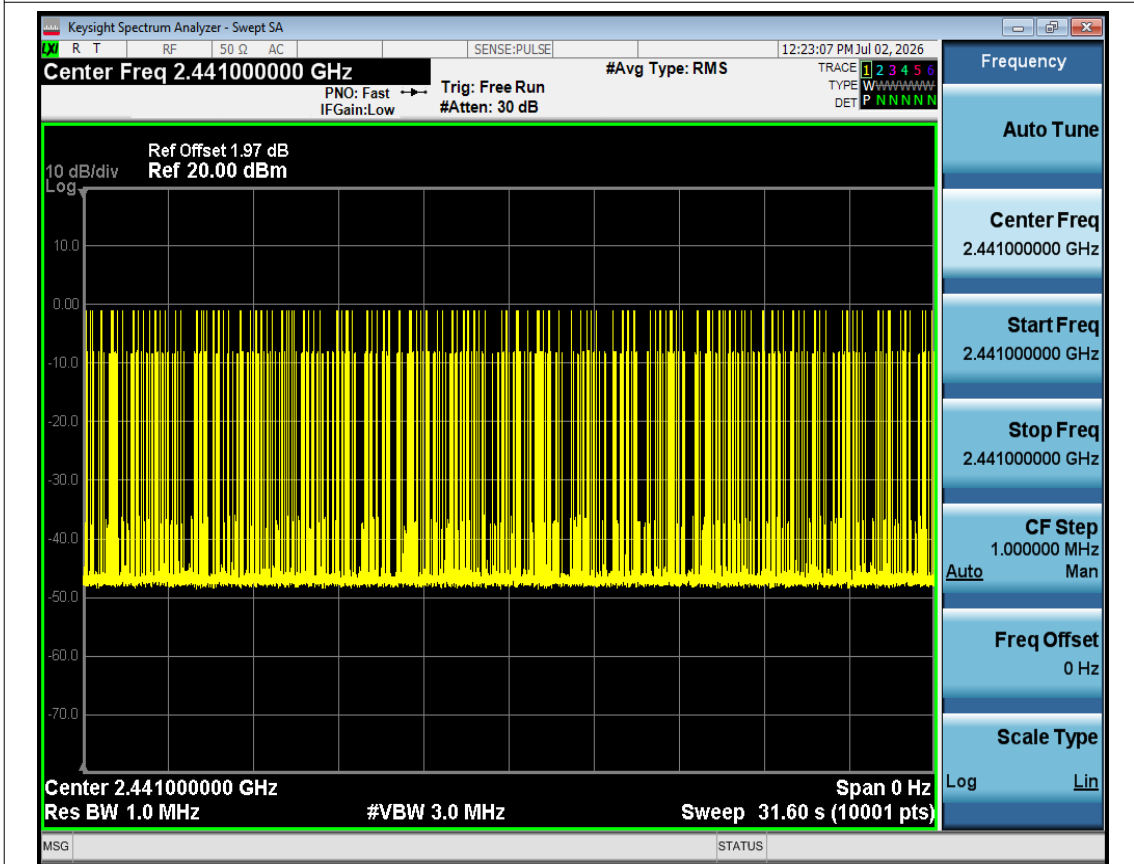
Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



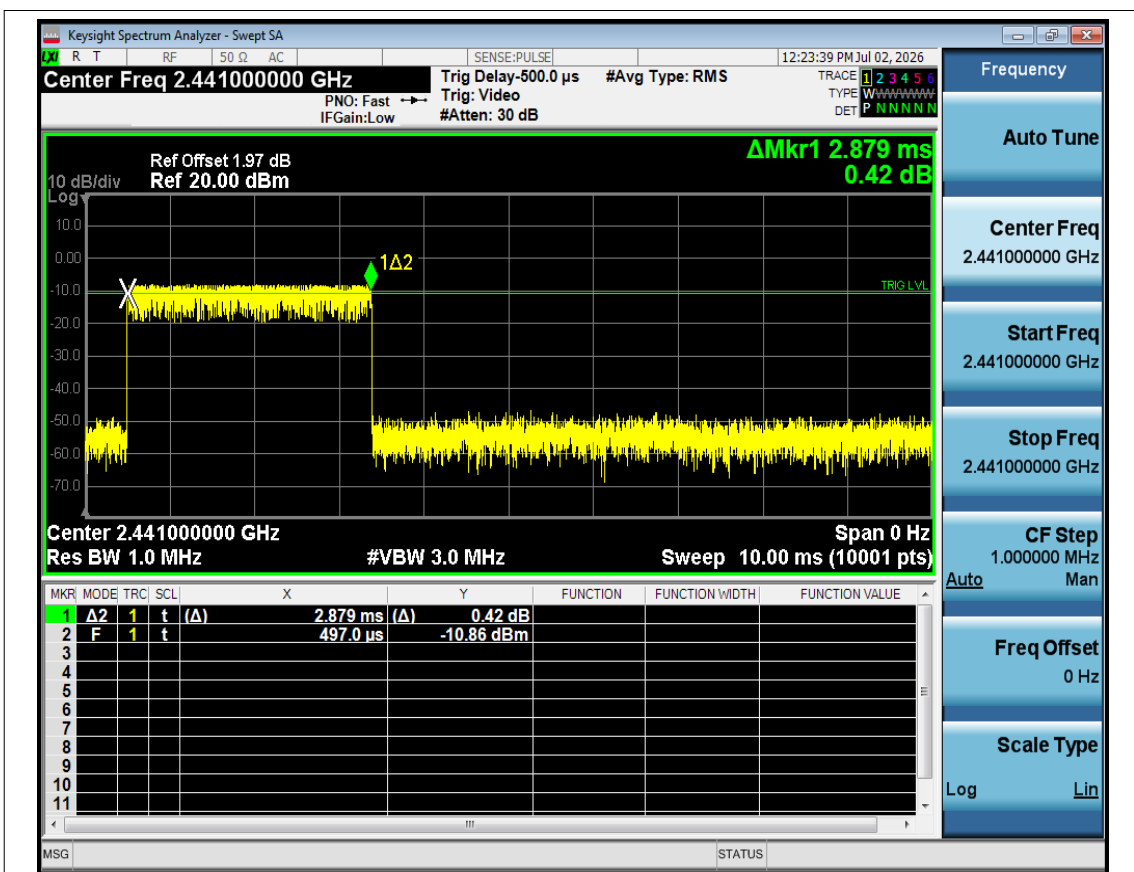
Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



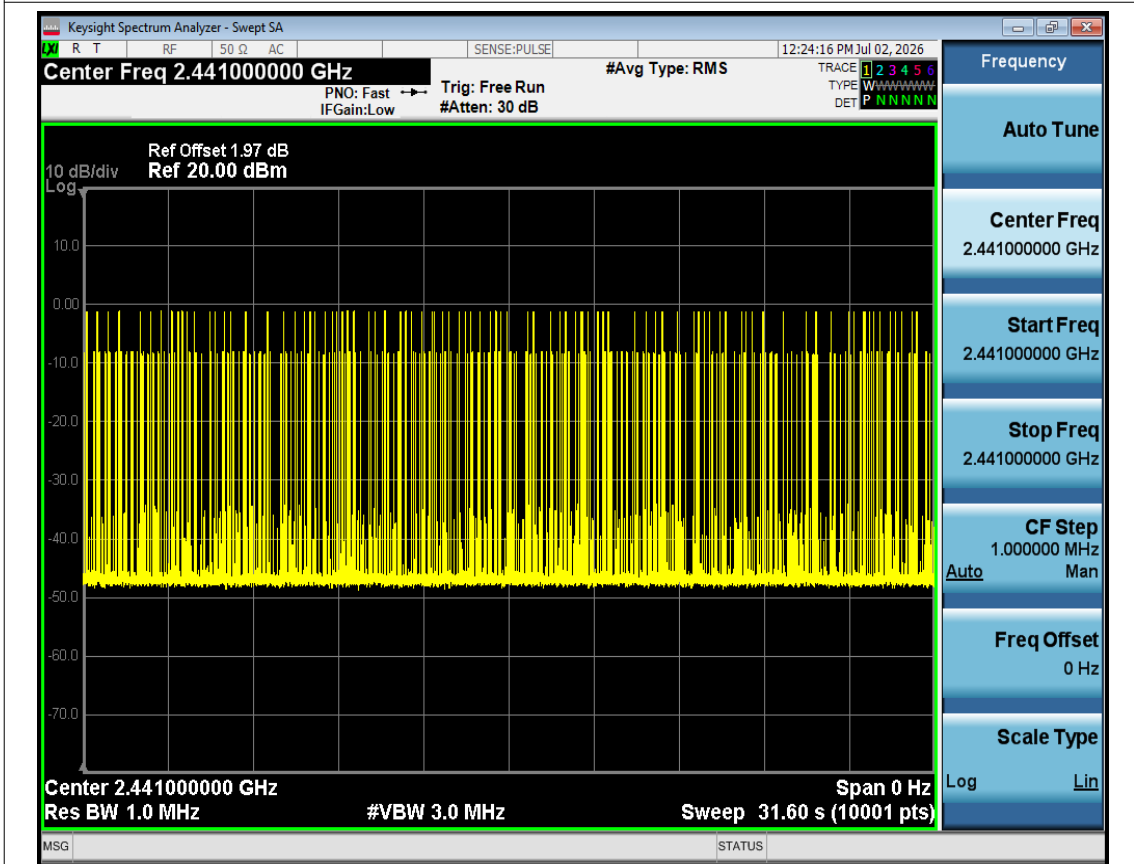
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



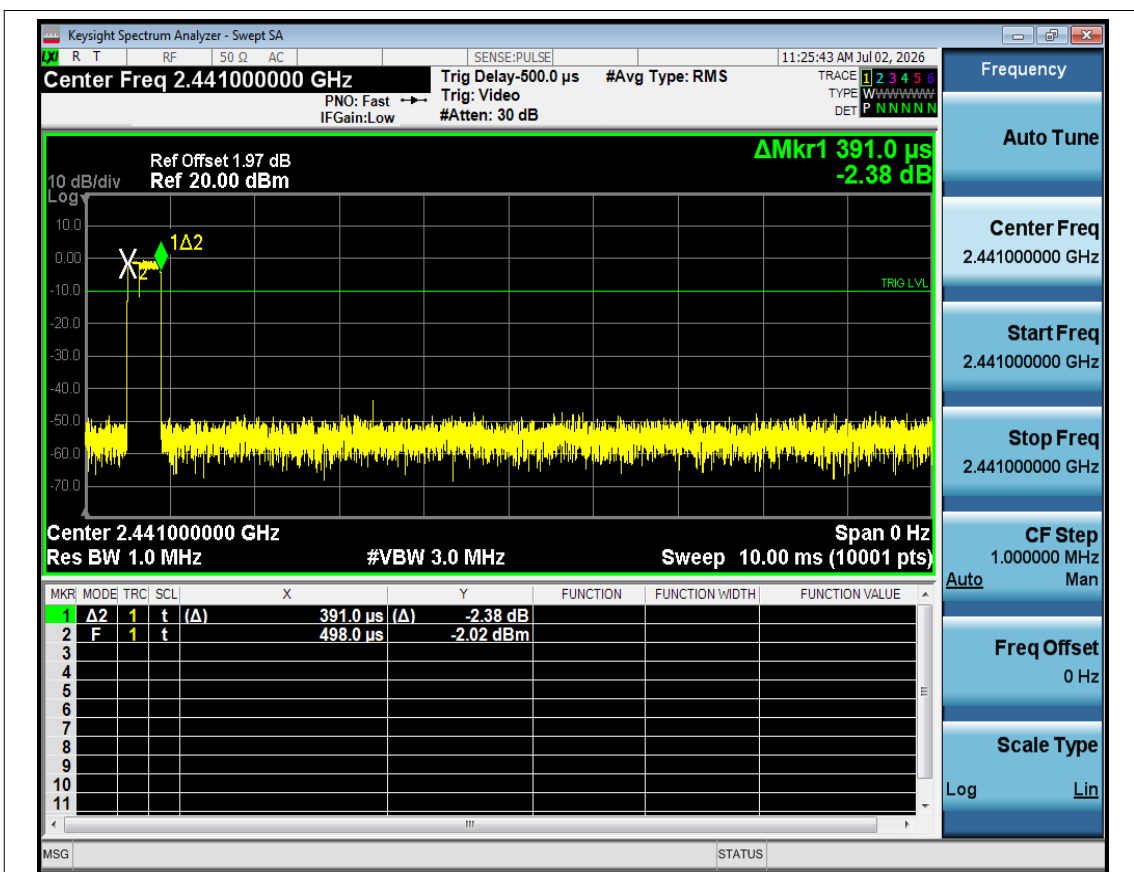
Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



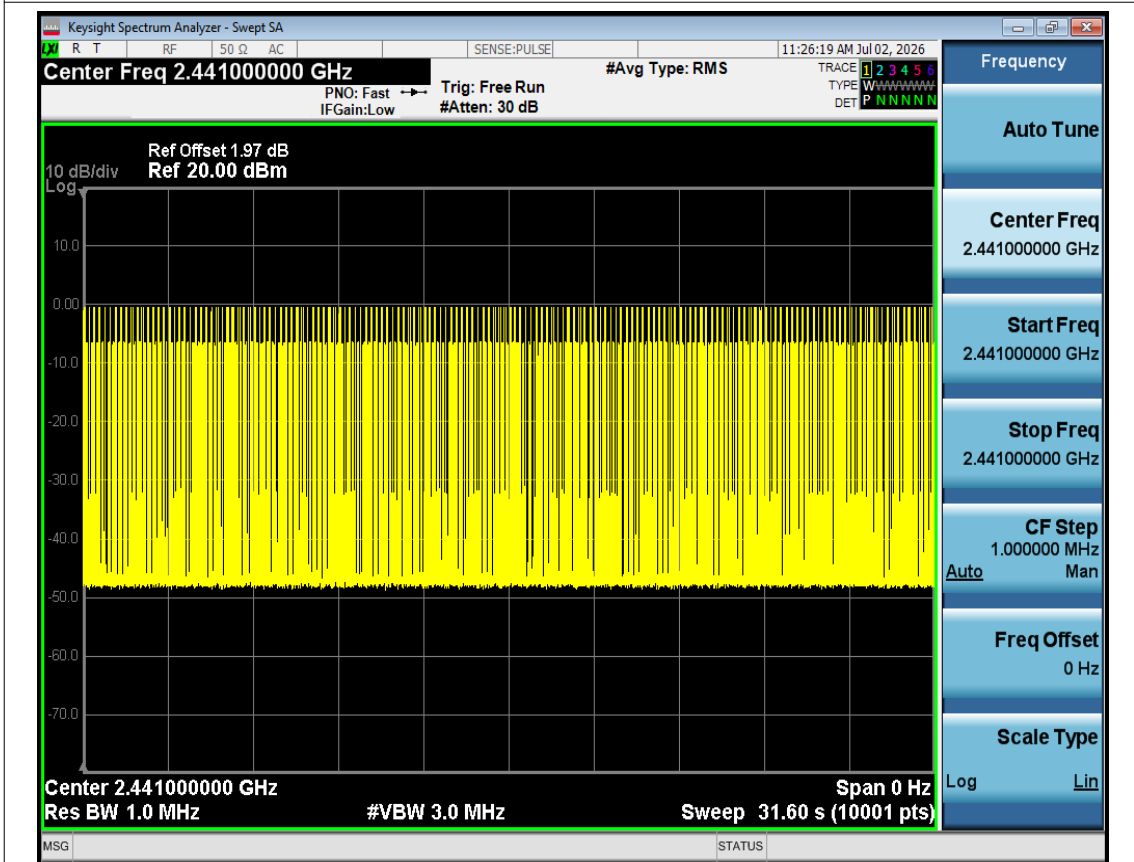
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



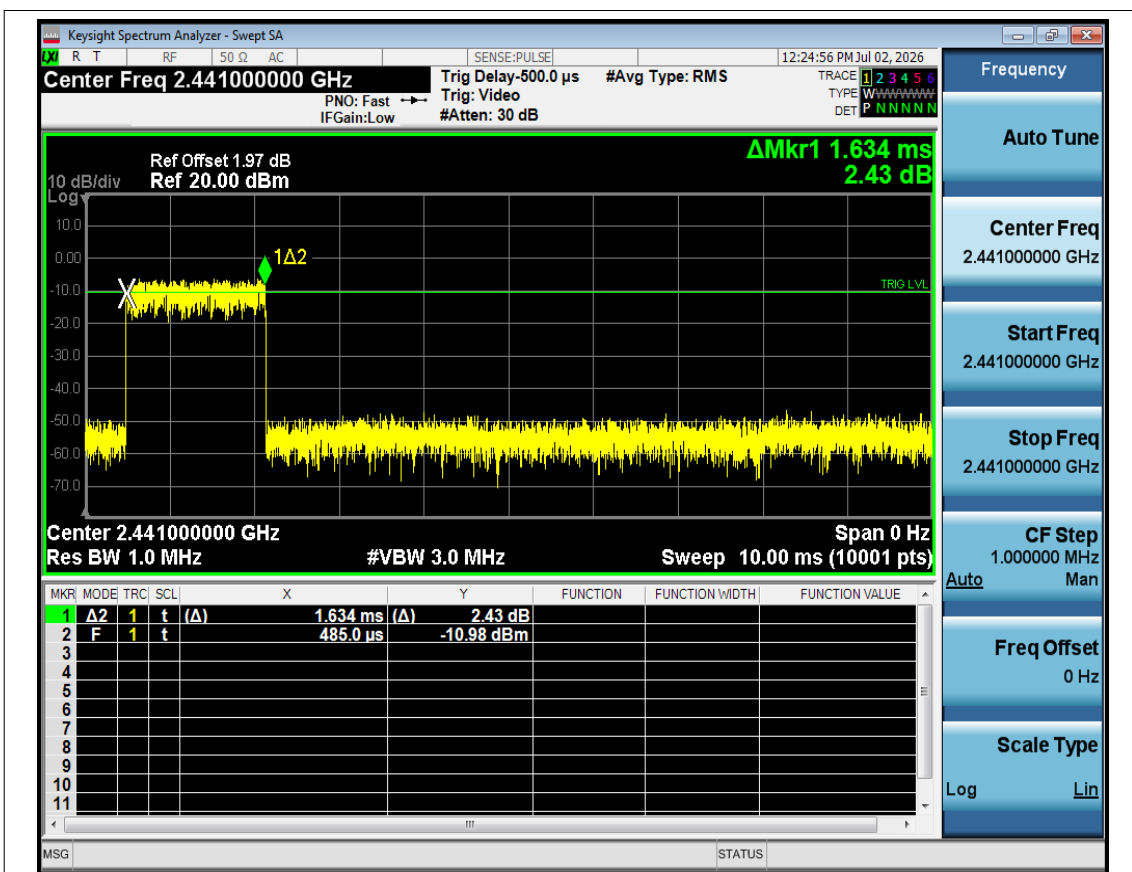
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



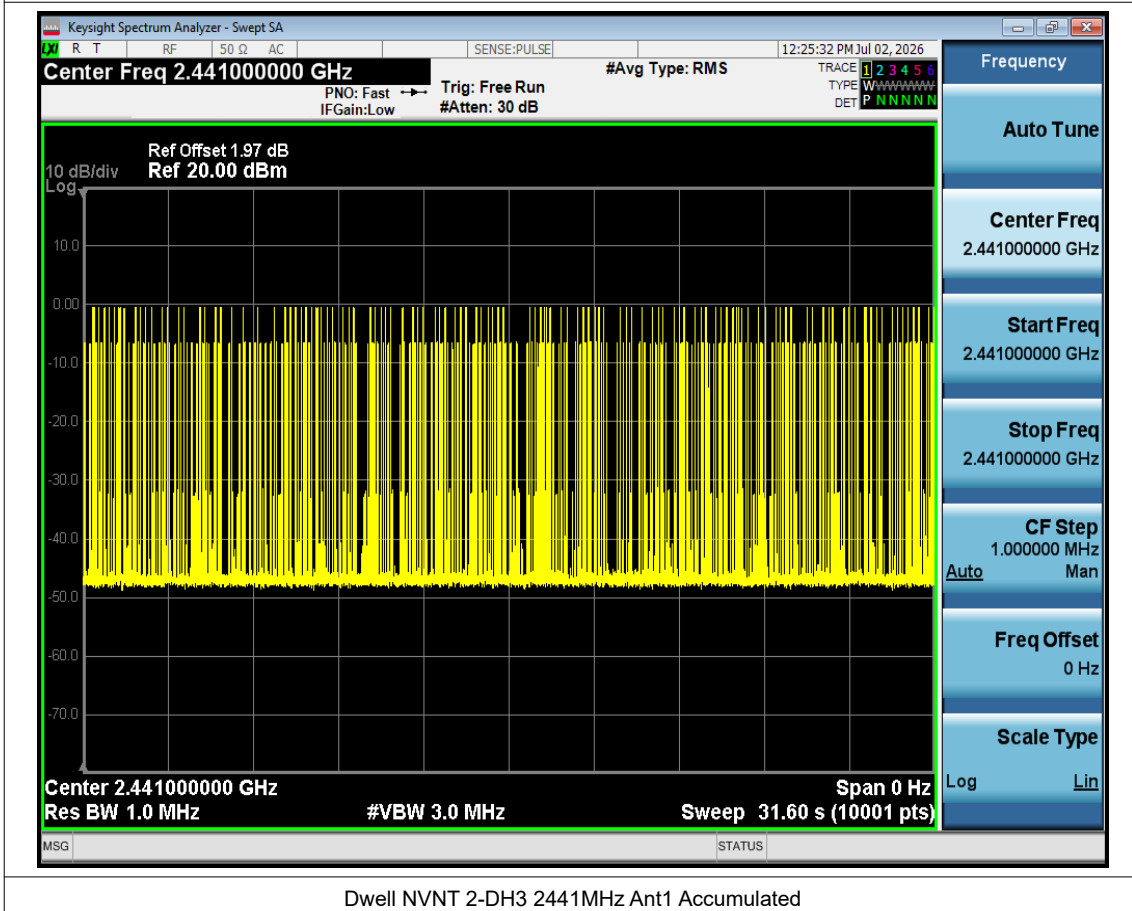
Dwell NVNT 2-DH1 2441MHz Ant1 One Burst



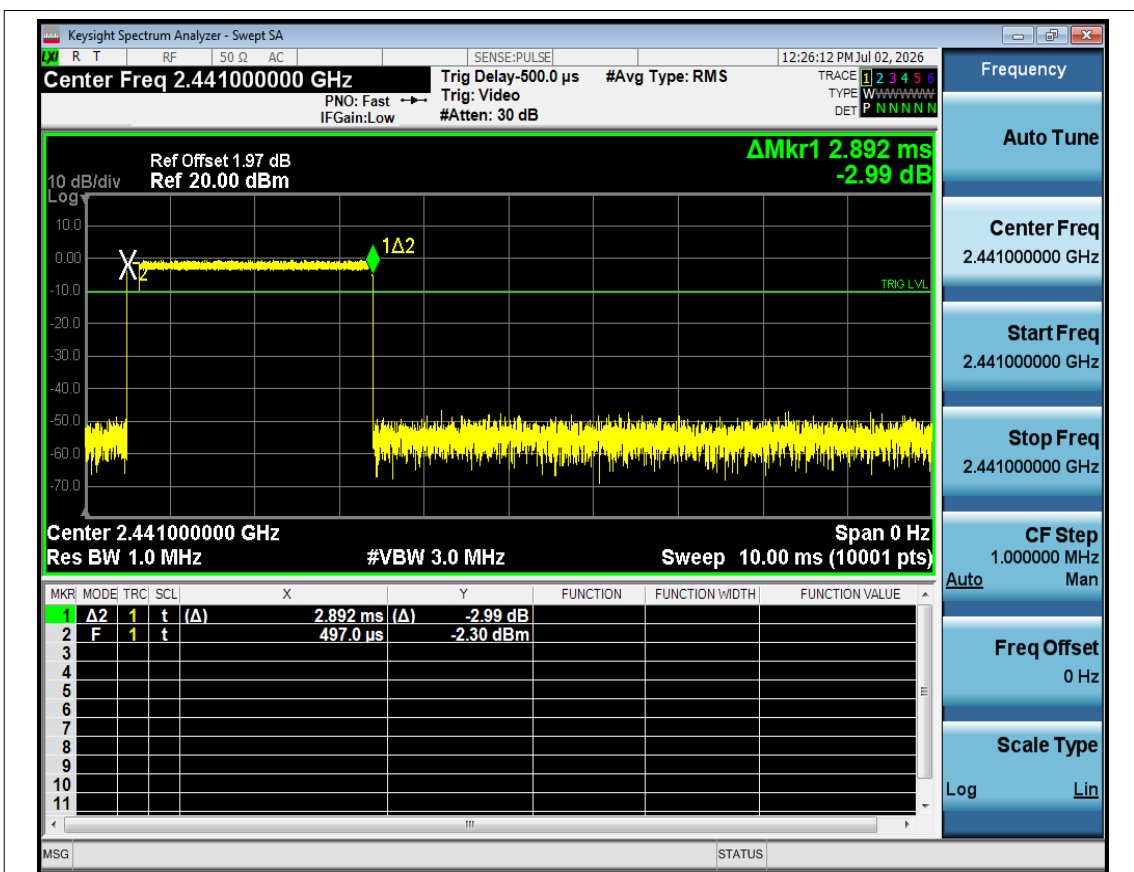
Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



Dwell NVNT 2-DH3 2441MHz Ant1 One Burst



Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated