

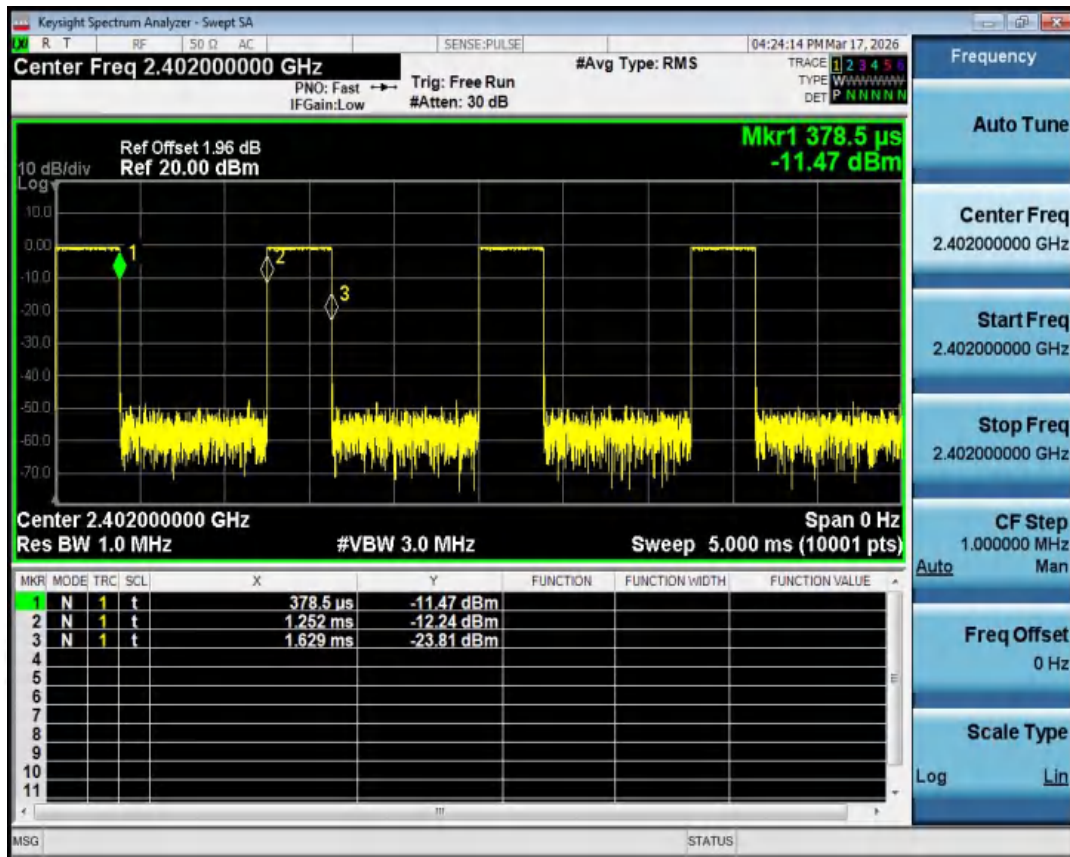
FCC ID:2BVO4-S0008

RF Test Data

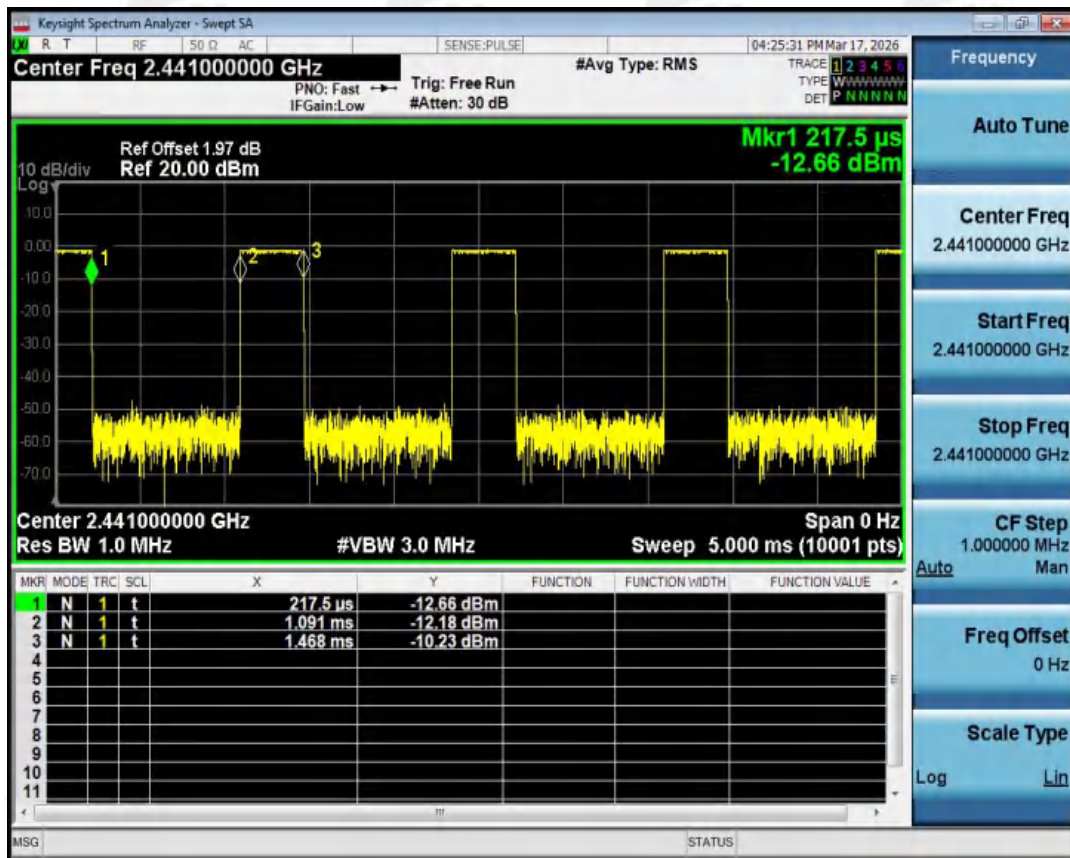
Duty Cycle	2
Maximum Peak Conducted Output Power	8
-20dB Bandwidth	14
Occupied Channel Bandwidth	20
Carrier Frequencies Separation	26
Number of Hopping Channel	32
Band Edge	38
Band Edge(Hopping)	45
Conducted RF Spurious Emission	52
Dwell Time	62

Duty Cycle

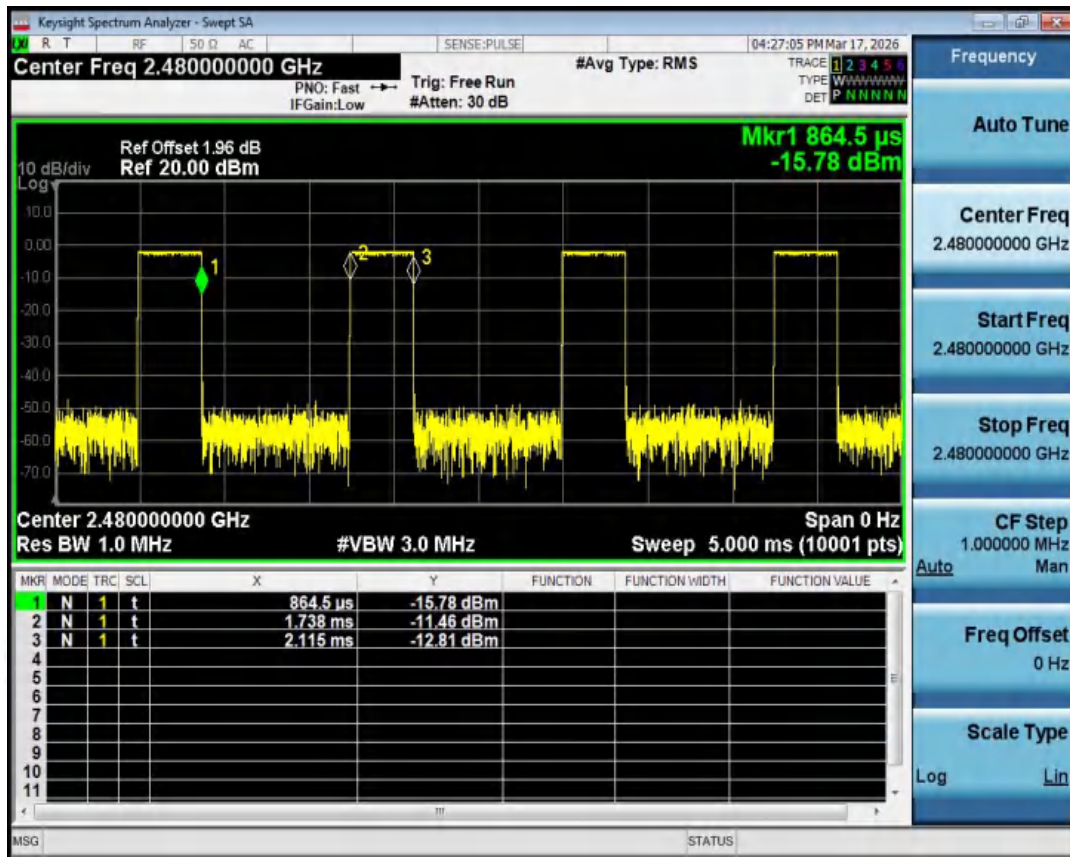
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	30.15	5.21	2.65
NVNT	1-DH1	2441	Ant1	30.12	5.21	2.66
NVNT	1-DH1	2480	Ant1	30.12	5.21	2.66
NVNT	2-DH1	2402	Ant1	30.92	5.1	2.59
NVNT	2-DH1	2441	Ant1	30.96	5.09	2.58
NVNT	2-DH1	2480	Ant1	30.96	5.09	2.58
NVNT	3-DH1	2402	Ant1	31	5.09	2.58
NVNT	3-DH1	2441	Ant1	31.04	5.08	2.58
NVNT	3-DH1	2480	Ant1	31	5.09	2.58



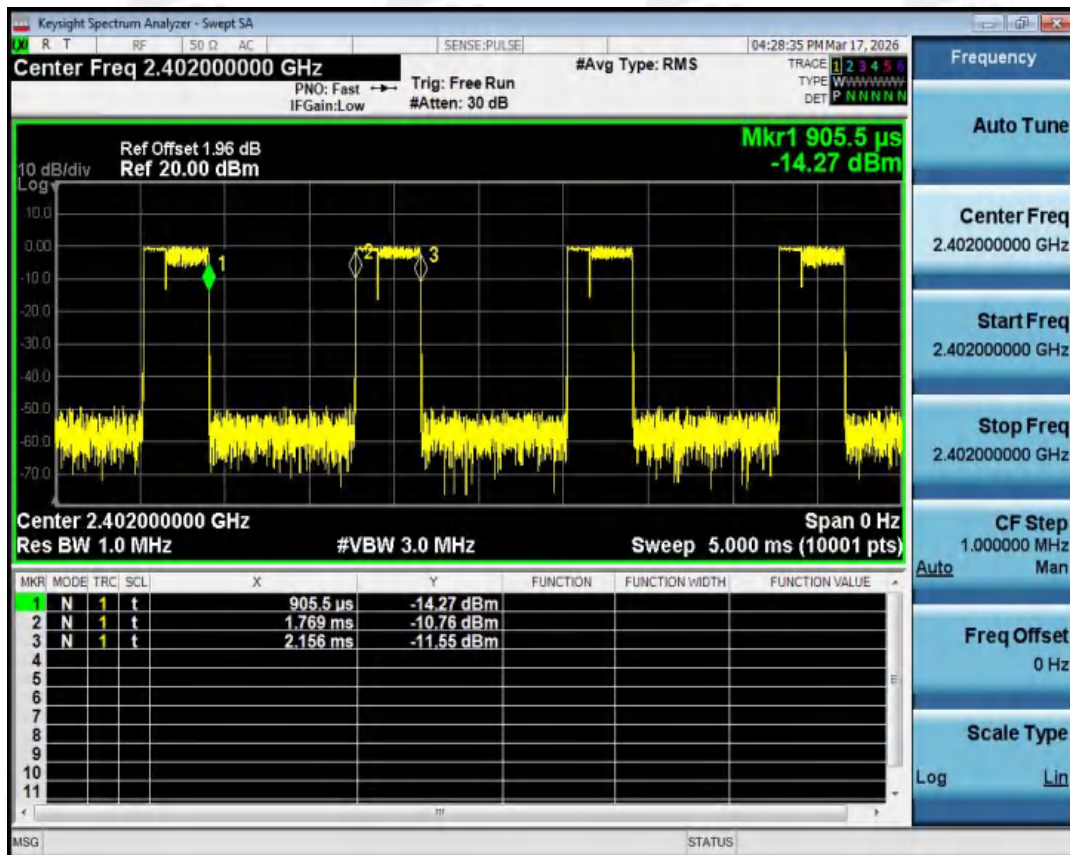
Duty Cycle NVNT 1-DH1 2402MHz Ant1



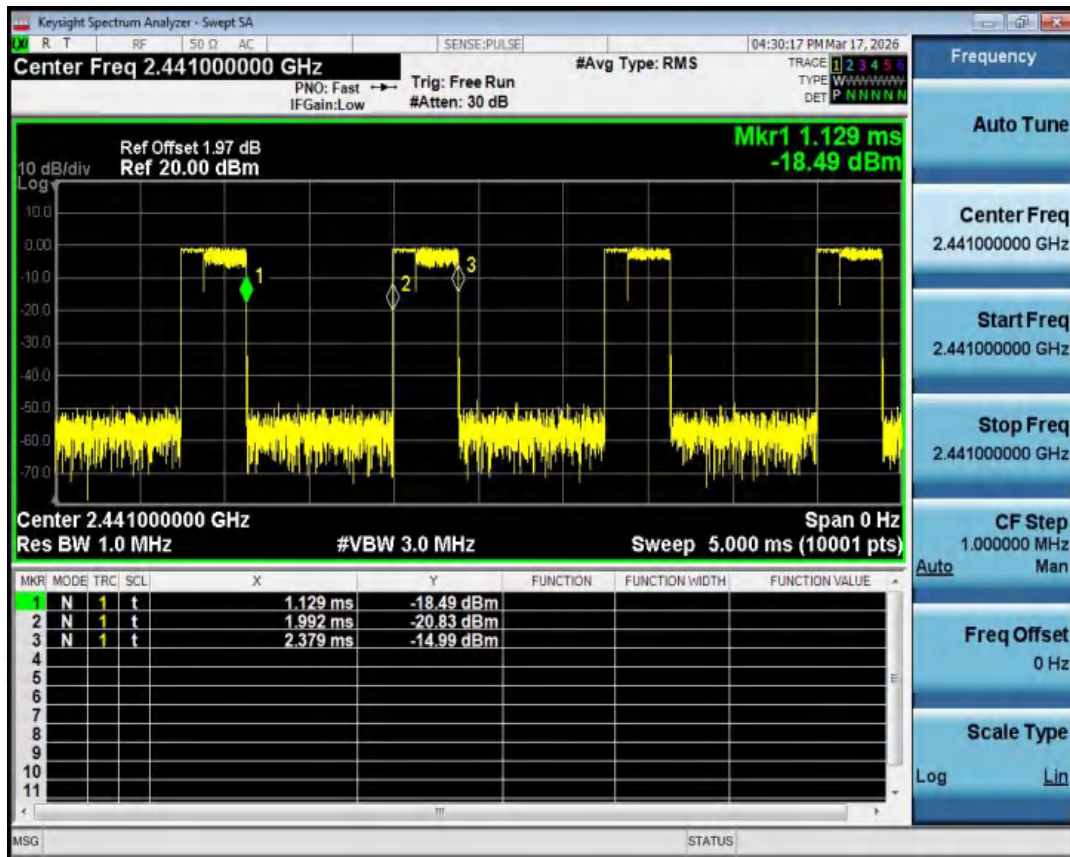
Duty Cycle NVNT 1-DH1 2441MHz Ant1



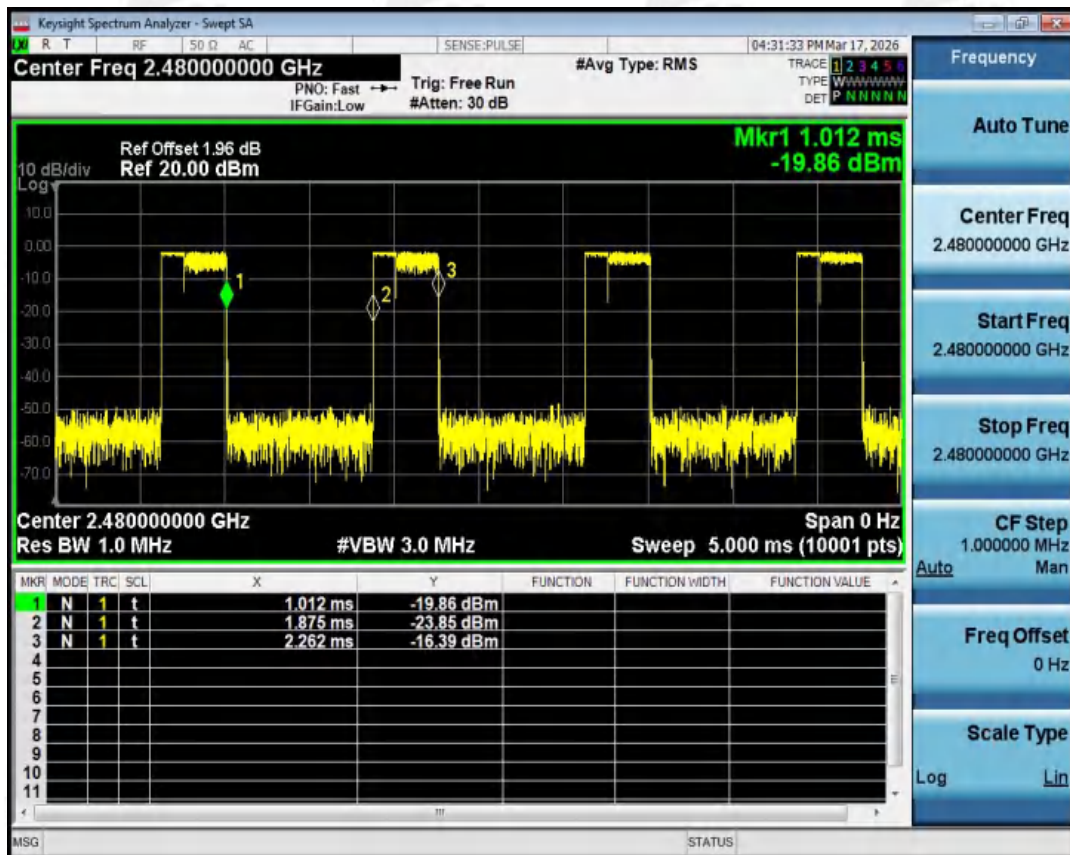
Duty Cycle NVNT 1-DH1 2480MHz Ant1



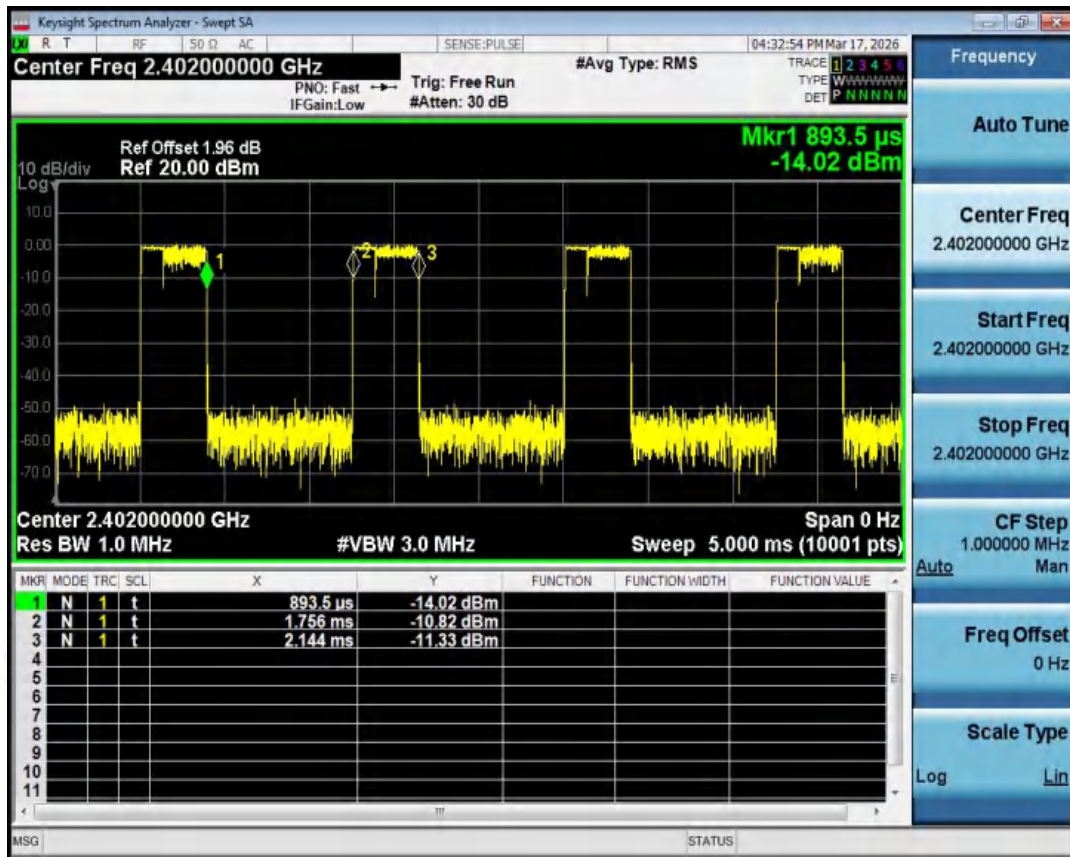
Duty Cycle NVNT 2-DH1 2402MHz Ant1



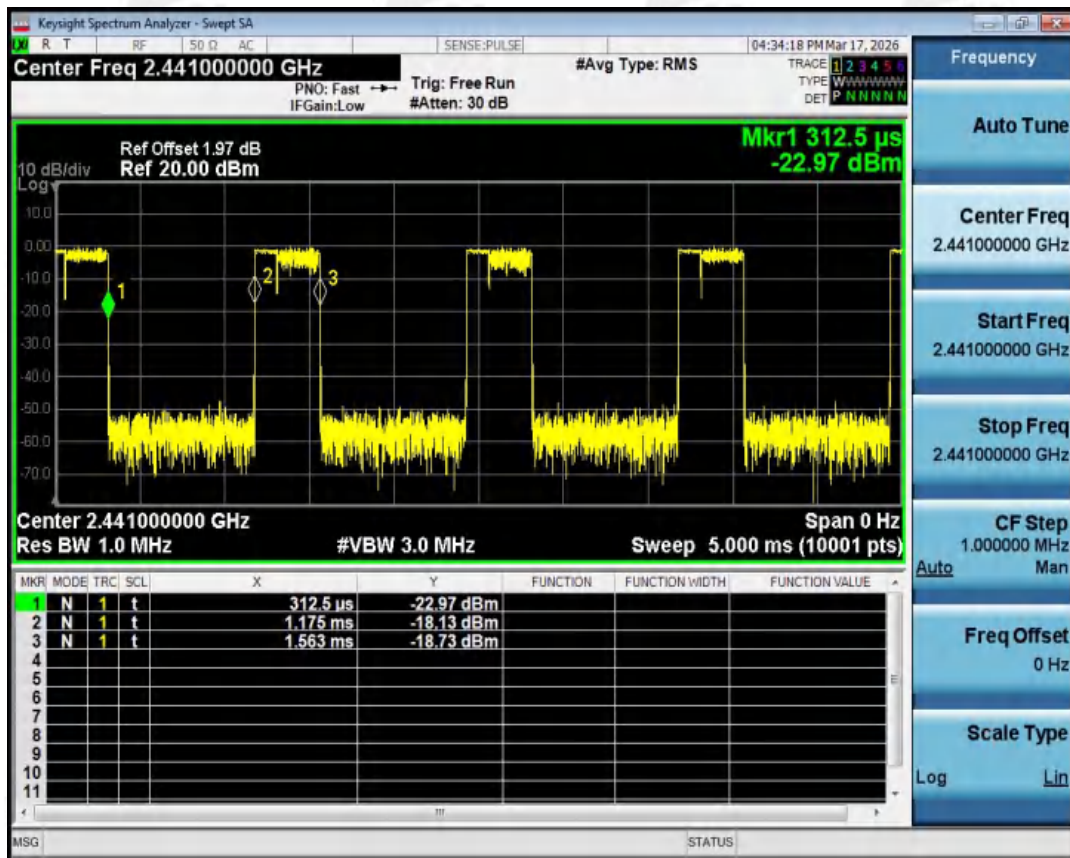
Duty Cycle NVNT 2-DH1 2441MHz Ant1



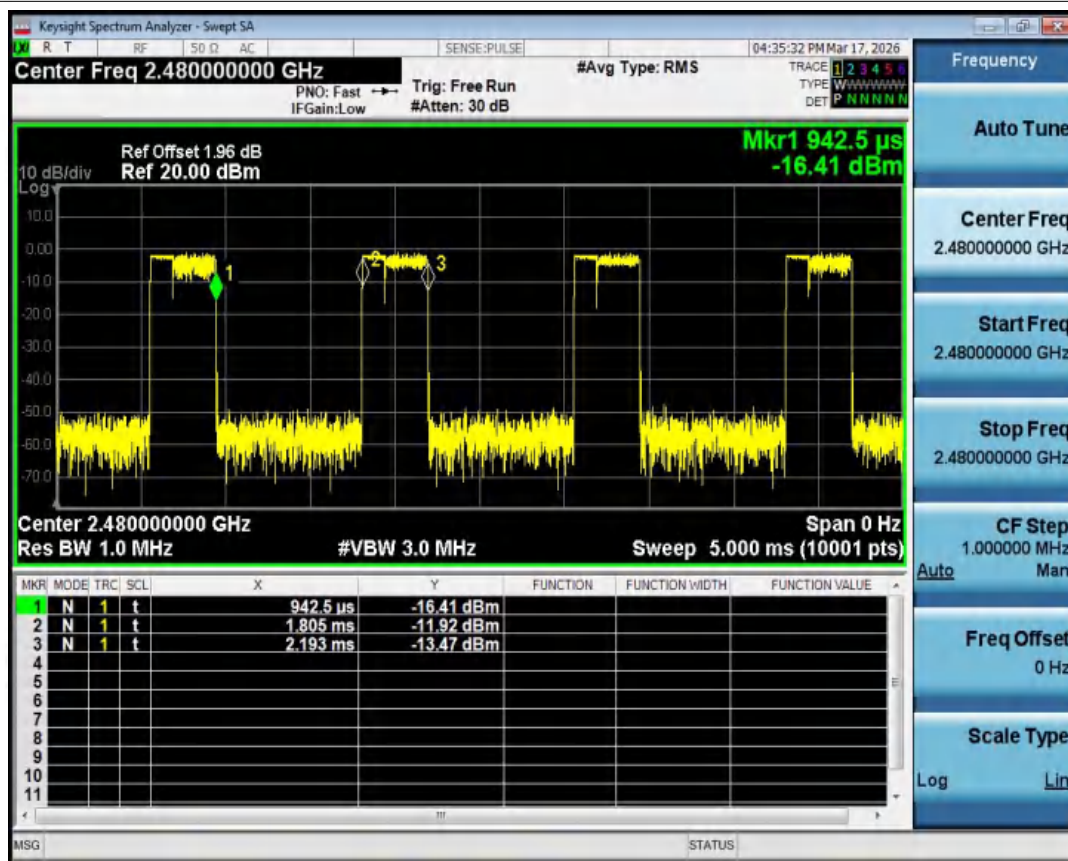
Duty Cycle NVNT 2-DH1 2480MHz Ant1



Duty Cycle NVNT 3-DH1 2402MHz Ant1



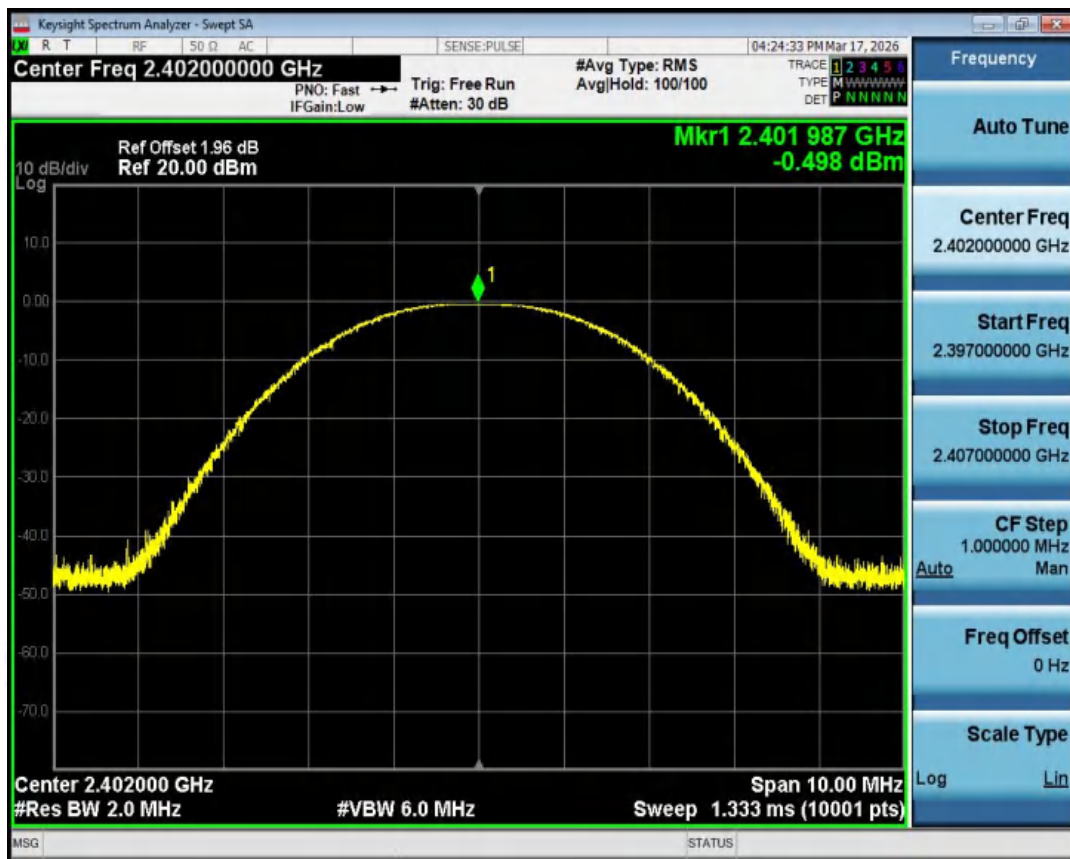
Duty Cycle NVNT 3-DH1 2441MHz Ant1



Duty Cycle NVNT 3-DH1 2480MHz Ant1

Maximum Peak Conducted Output Power

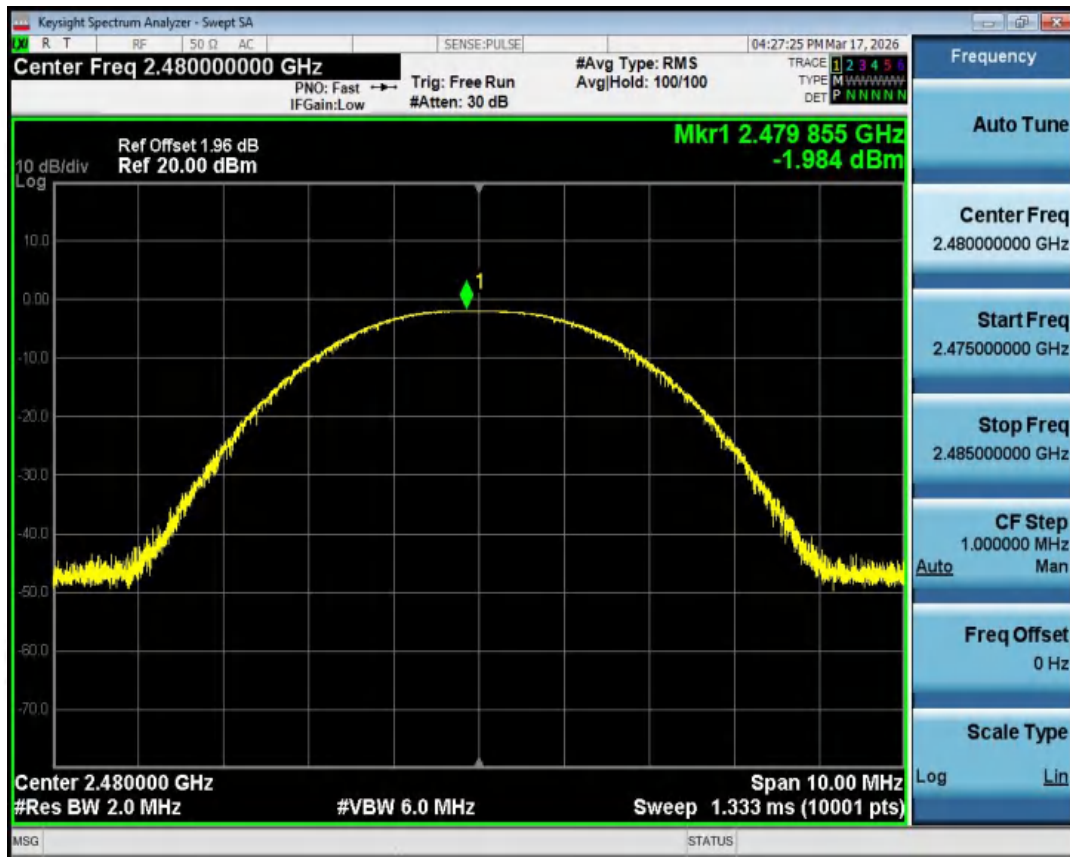
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	1-DH1	2402	Ant1	-0.5	-0.5	0.00089	30	Pass
NVNT	1-DH1	2441	Ant1	-1.13	-1.13	0.00077	30	Pass
NVNT	1-DH1	2480	Ant1	-1.98	-1.98	0.00063	30	Pass
NVNT	2-DH1	2402	Ant1	0.34	0.34	0.00108	30	Pass
NVNT	2-DH1	2441	Ant1	-0.31	-0.31	0.00093	30	Pass
NVNT	2-DH1	2480	Ant1	-1.15	-1.15	0.00077	30	Pass
NVNT	3-DH1	2402	Ant1	0.95	0.95	0.00124	30	Pass
NVNT	3-DH1	2441	Ant1	0.28	0.28	0.00107	30	Pass
NVNT	3-DH1	2480	Ant1	-0.56	-0.56	0.00088	30	Pass



Peak Power NVNT 1-DH1 2402MHz Ant1



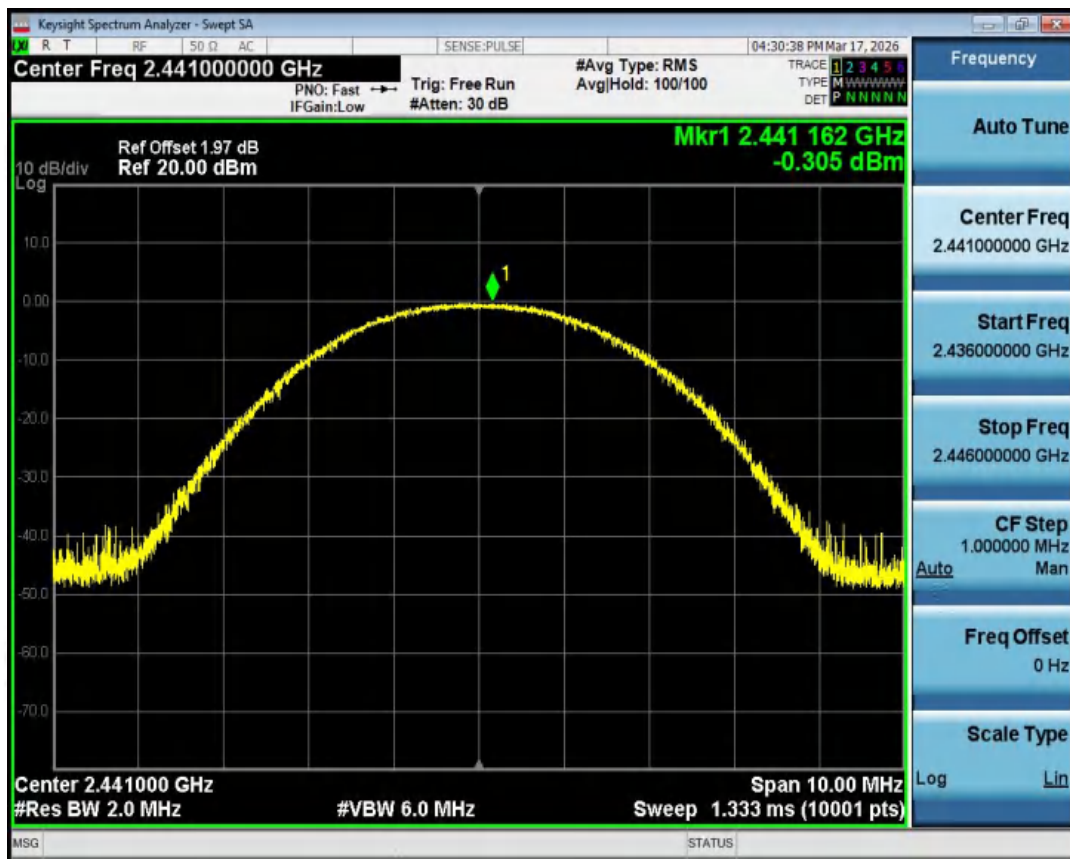
Peak Power NVNT 1-DH1 2441MHz Ant1



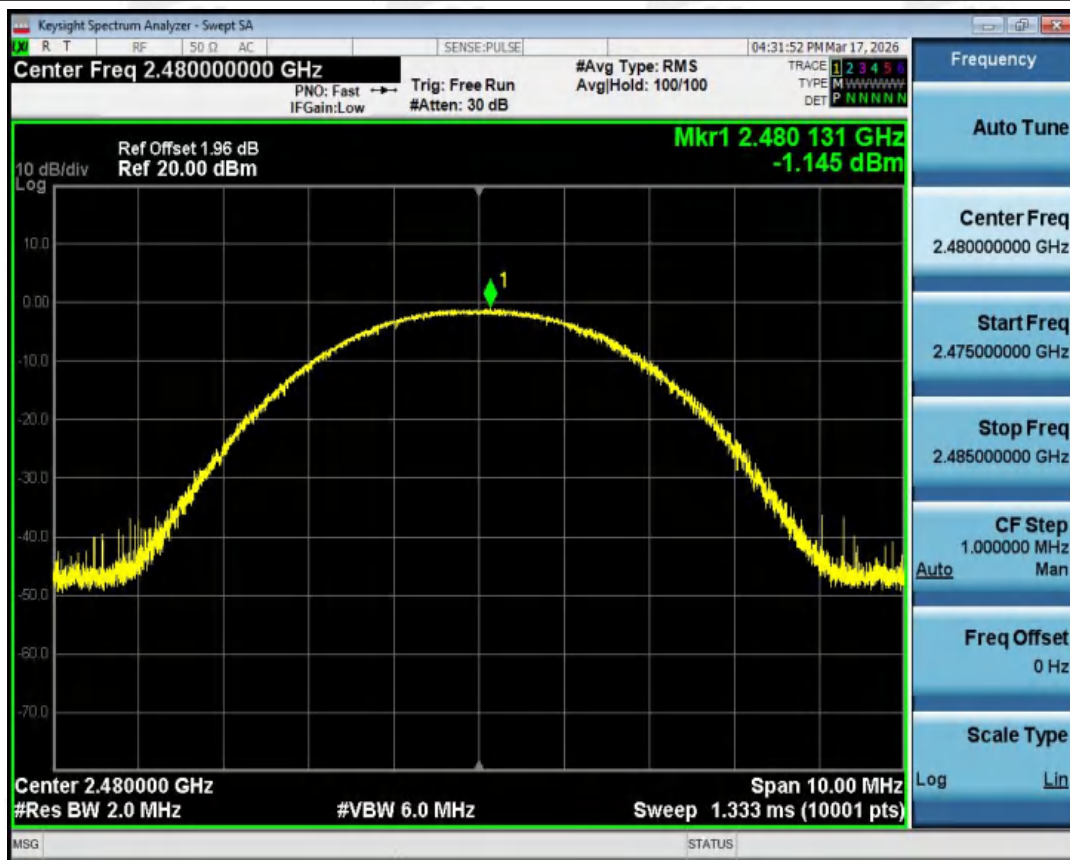
Peak Power NVNT 1-DH1 2480MHz Ant1



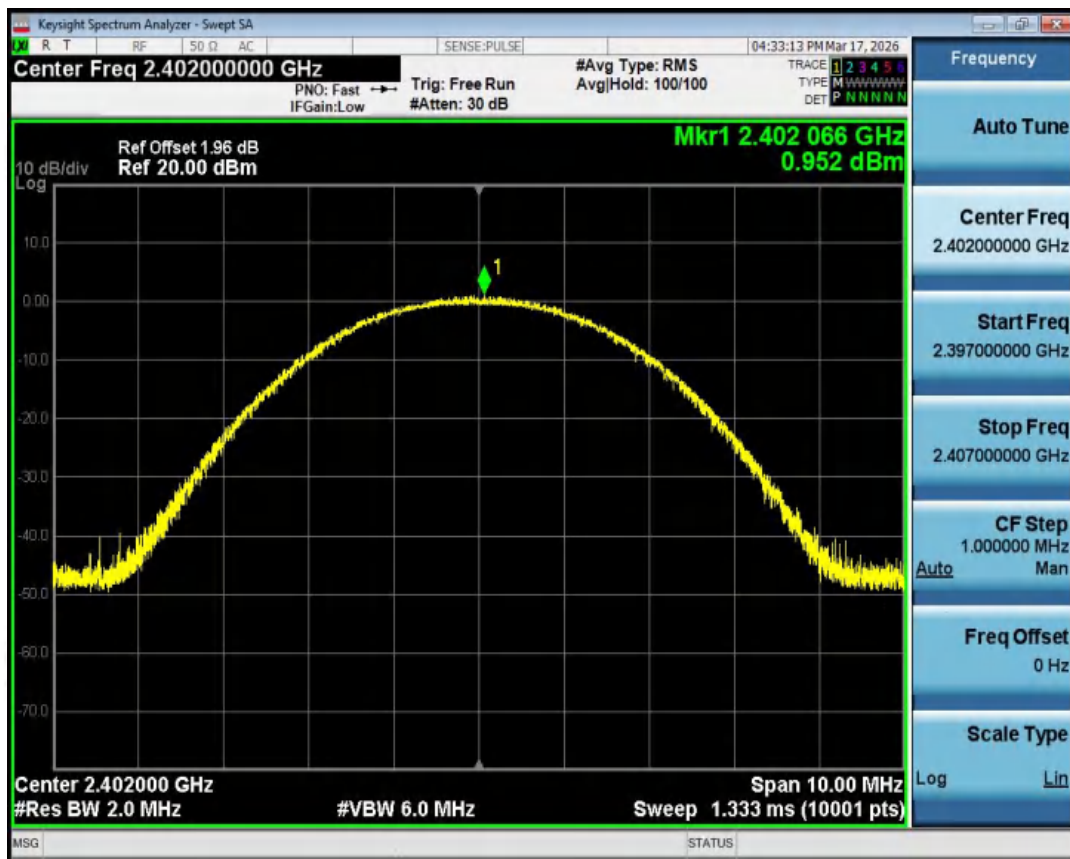
Peak Power NVNT 2-DH1 2402MHz Ant1



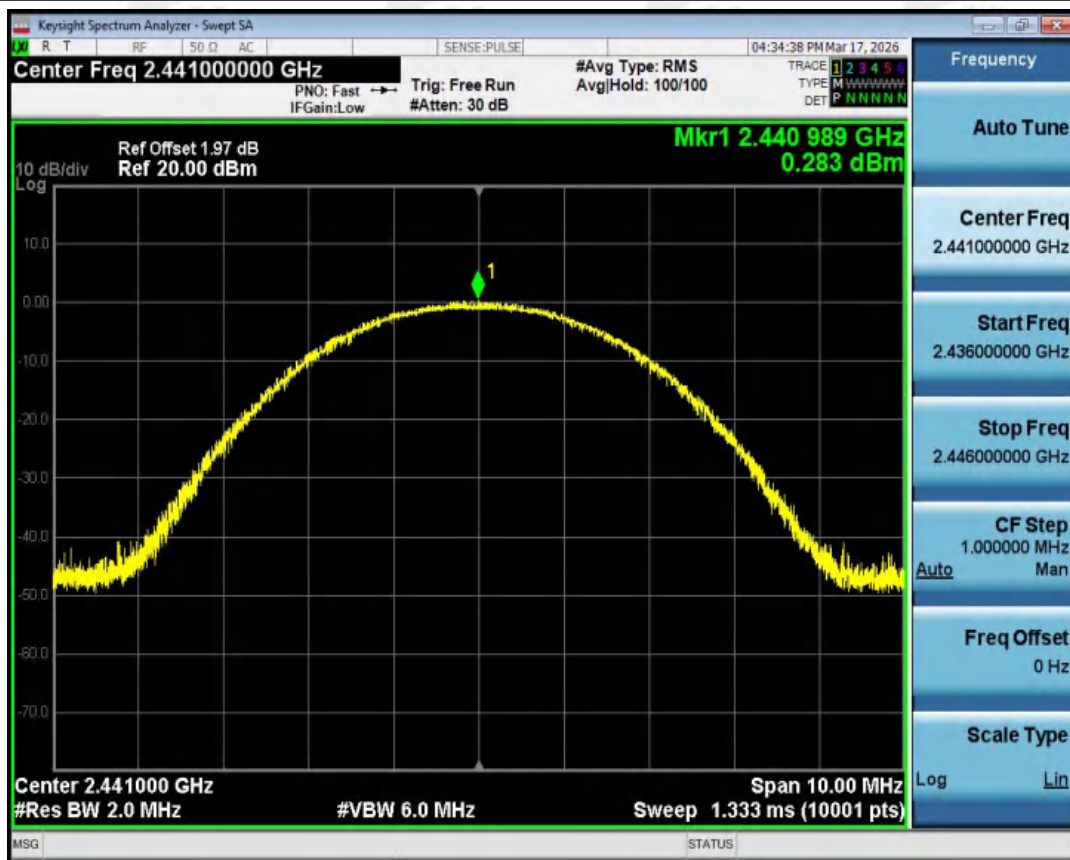
Peak Power NVNT 2-DH1 2441MHz Ant1



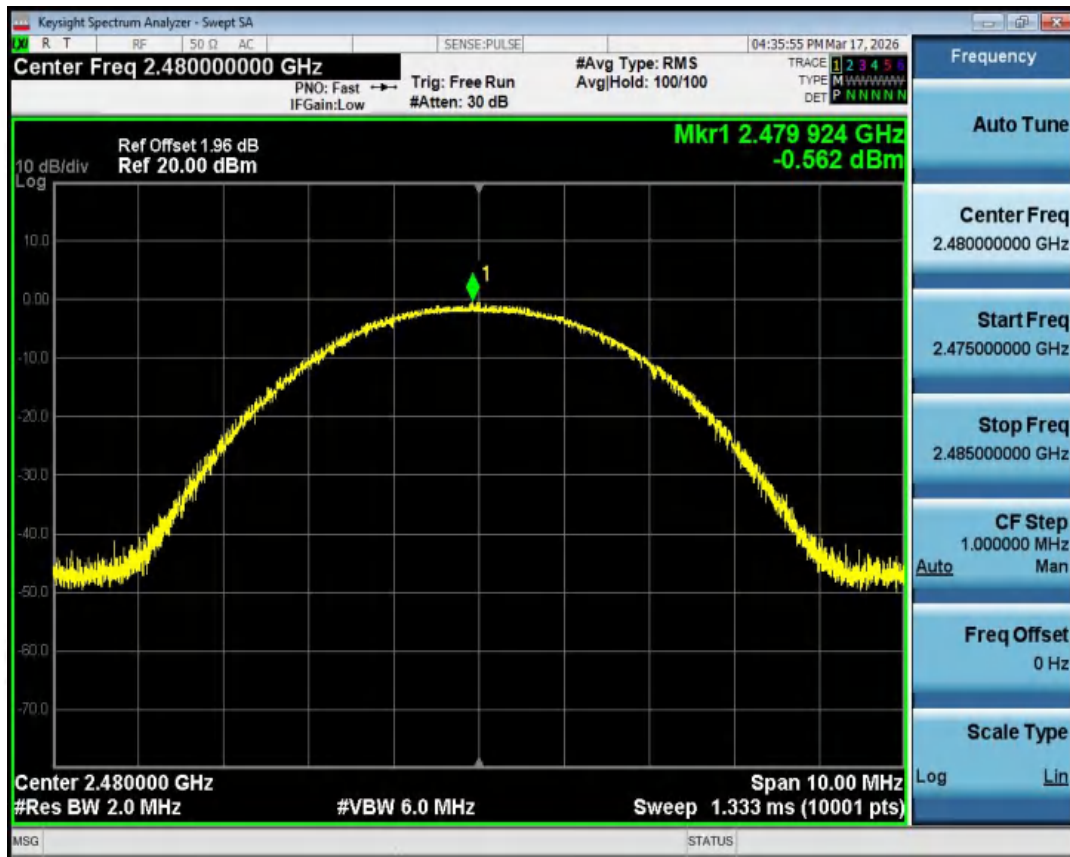
Peak Power NVNT 2-DH1 2480MHz Ant1



Peak Power NVNT 3-DH1 2402MHz Ant1



Peak Power NVNT 3-DH1 2441MHz Ant1



Peak Power NVNT 3-DH1 2480MHz Ant1

-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	1.032	0	Pass
NVNT	1-DH1	2441	Ant1	1.036	0	Pass
NVNT	1-DH1	2480	Ant1	1.034	0	Pass
NVNT	2-DH1	2402	Ant1	1.279	0	Pass
NVNT	2-DH1	2441	Ant1	1.285	0	Pass
NVNT	2-DH1	2480	Ant1	1.318	0	Pass
NVNT	3-DH1	2402	Ant1	1.257	0	Pass
NVNT	3-DH1	2441	Ant1	1.242	0	Pass
NVNT	3-DH1	2480	Ant1	1.259	0	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



-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	0.97239
NVNT	1-DH1	2441	Ant1	0.98957
NVNT	1-DH1	2480	Ant1	0.98754
NVNT	2-DH1	2402	Ant1	1.2257
NVNT	2-DH1	2441	Ant1	1.2329
NVNT	2-DH1	2480	Ant1	1.2009
NVNT	3-DH1	2402	Ant1	1.1775
NVNT	3-DH1	2441	Ant1	1.1962
NVNT	3-DH1	2480	Ant1	1.2084



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

Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2402.006	2402.844	0.838	0.688	Pass
NVNT	1-DH1	Ant1	2440.906	2441.848	0.942	0.691	Pass
NVNT	1-DH1	Ant1	2478.842	2479.852	1.01	0.689	Pass
NVNT	2-DH1	Ant1	2401.848	2402.848	1	0.853	Pass
NVNT	2-DH1	Ant1	2440.85	2441.84	0.99	0.857	Pass
NVNT	2-DH1	Ant1	2478.85	2479.842	0.992	0.879	Pass
NVNT	3-DH1	Ant1	2401.838	2402.846	1.008	0.838	Pass
NVNT	3-DH1	Ant1	2440.842	2442.002	1.16	0.828	Pass
NVNT	3-DH1	Ant1	2478.85	2479.85	1	0.839	Pass



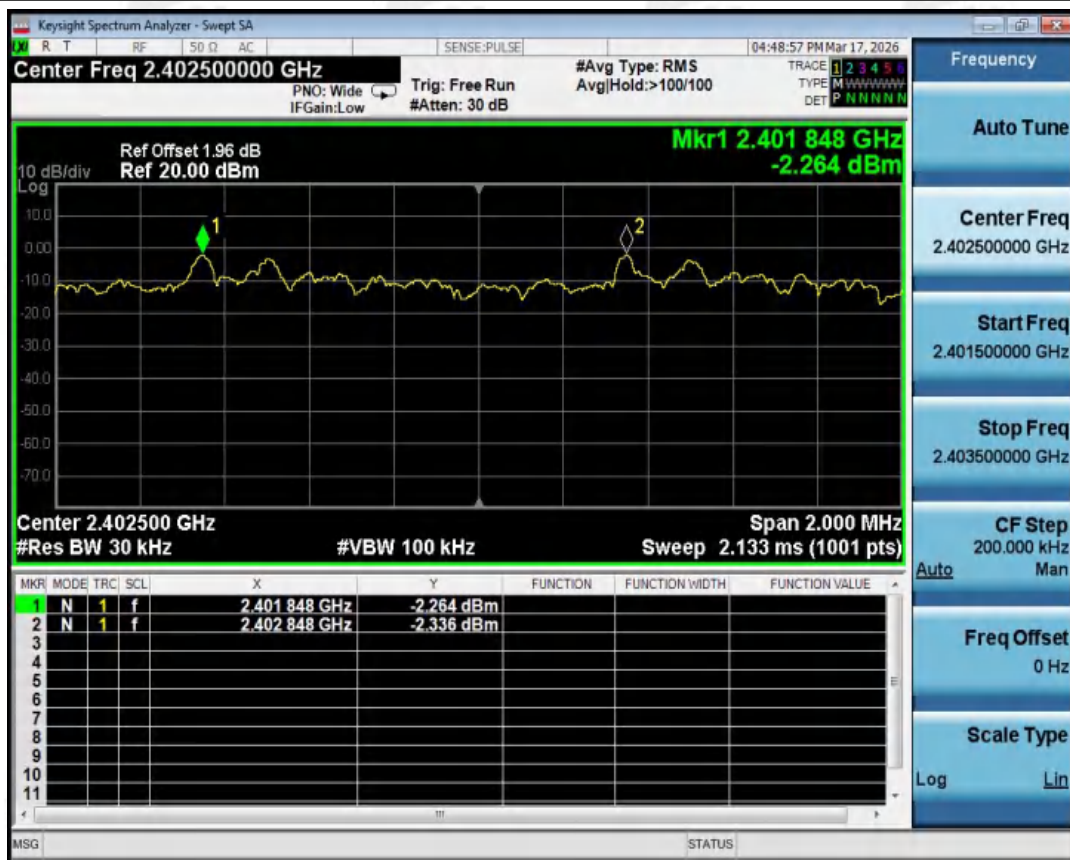
CFS NVNT 1-DH1 2402MHz Ant1



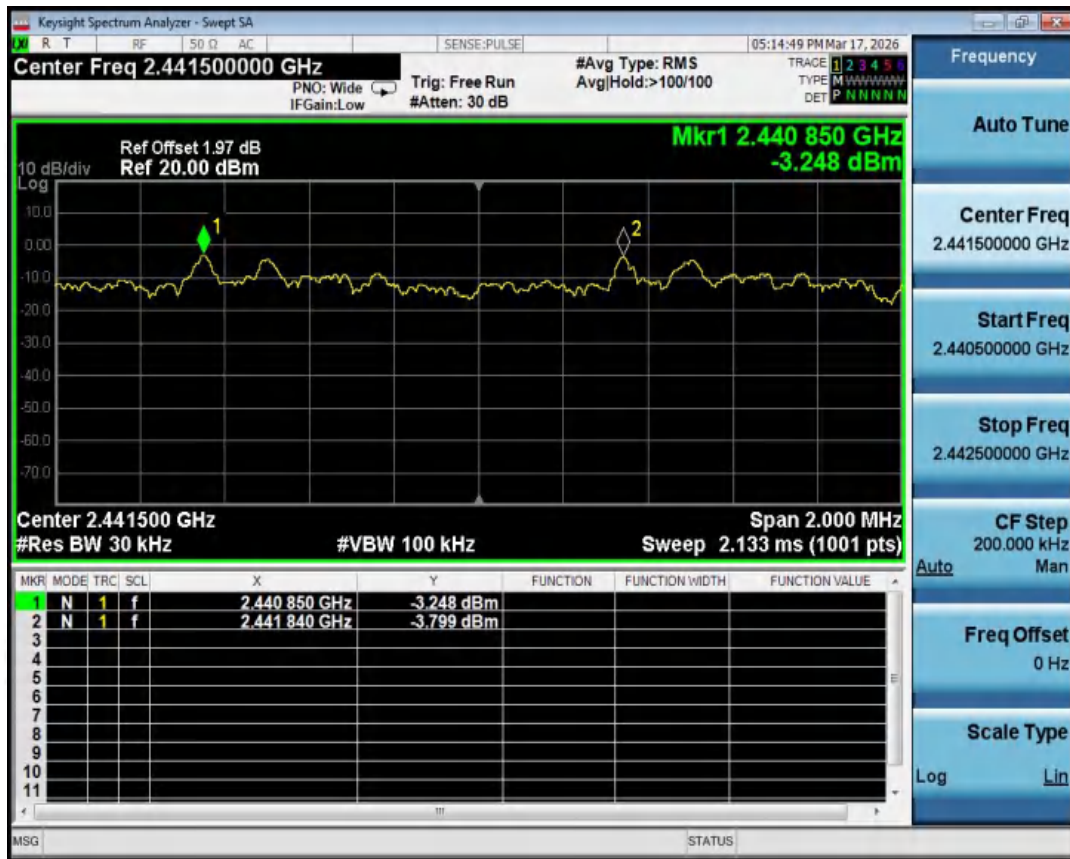
CFS NVNT 1-DH1 2441MHz Ant1



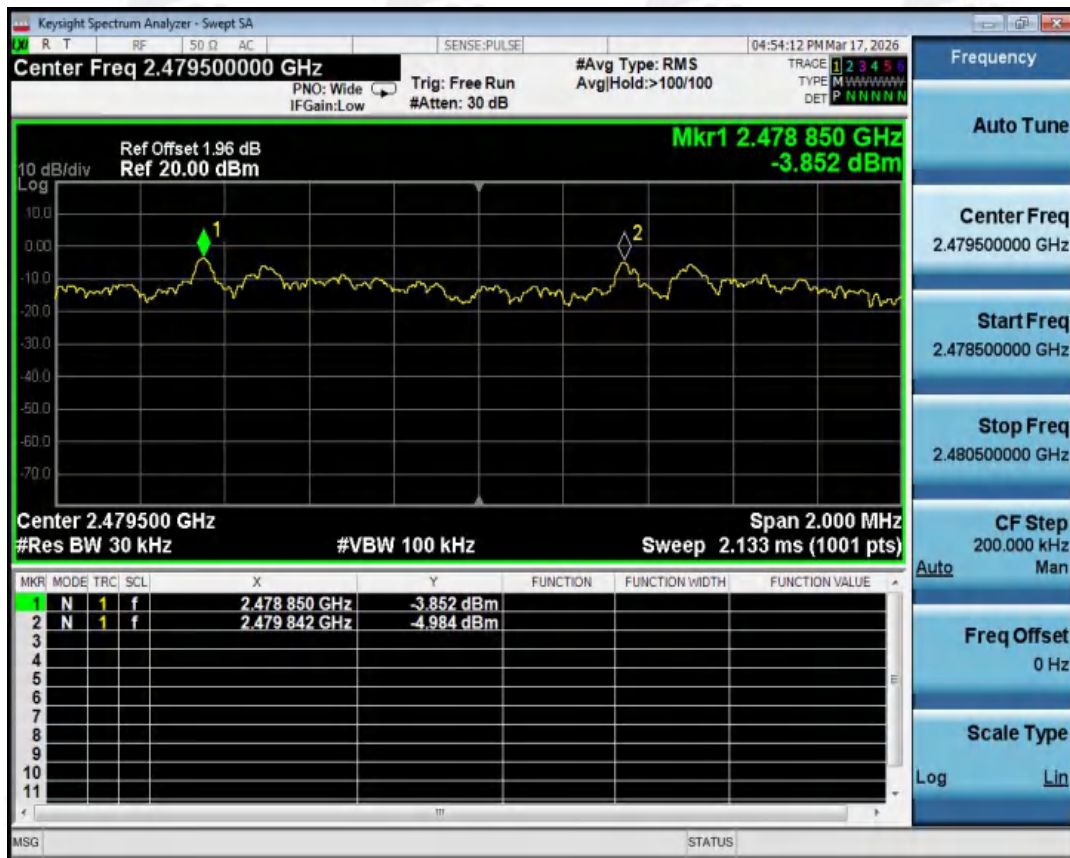
CFS NVNT 1-DH1 2480MHz Ant1



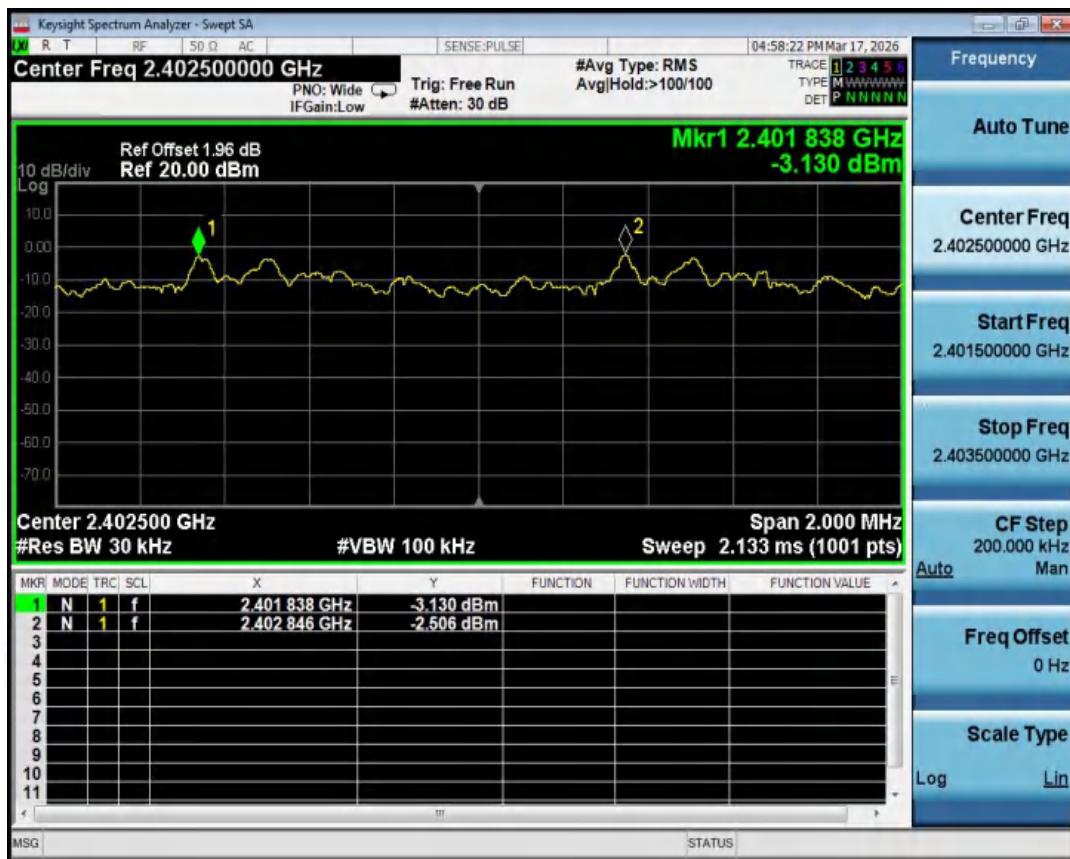
CFS NVNT 2-DH1 2402MHz Ant1



CFS NVNT 2-DH1 2441MHz Ant1



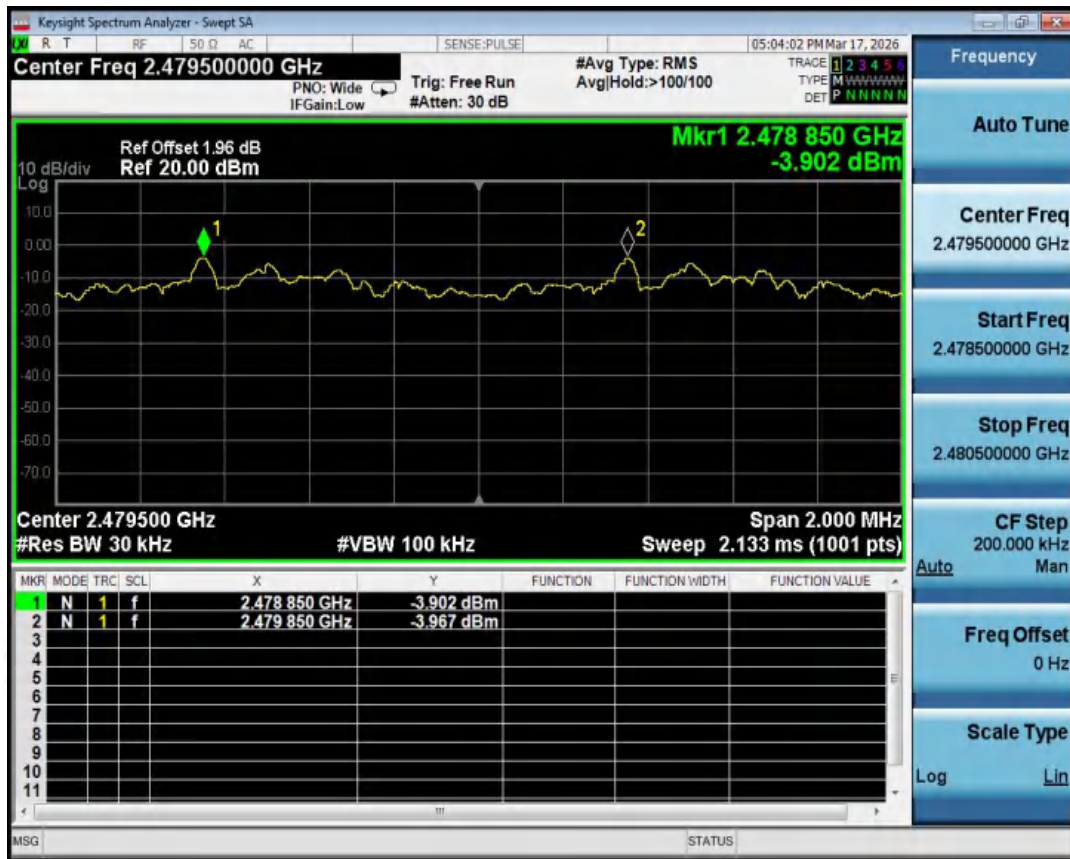
CFS NVNT 2-DH1 2480MHz Ant1



CFS NVNT 3-DH1 2402MHz Ant1



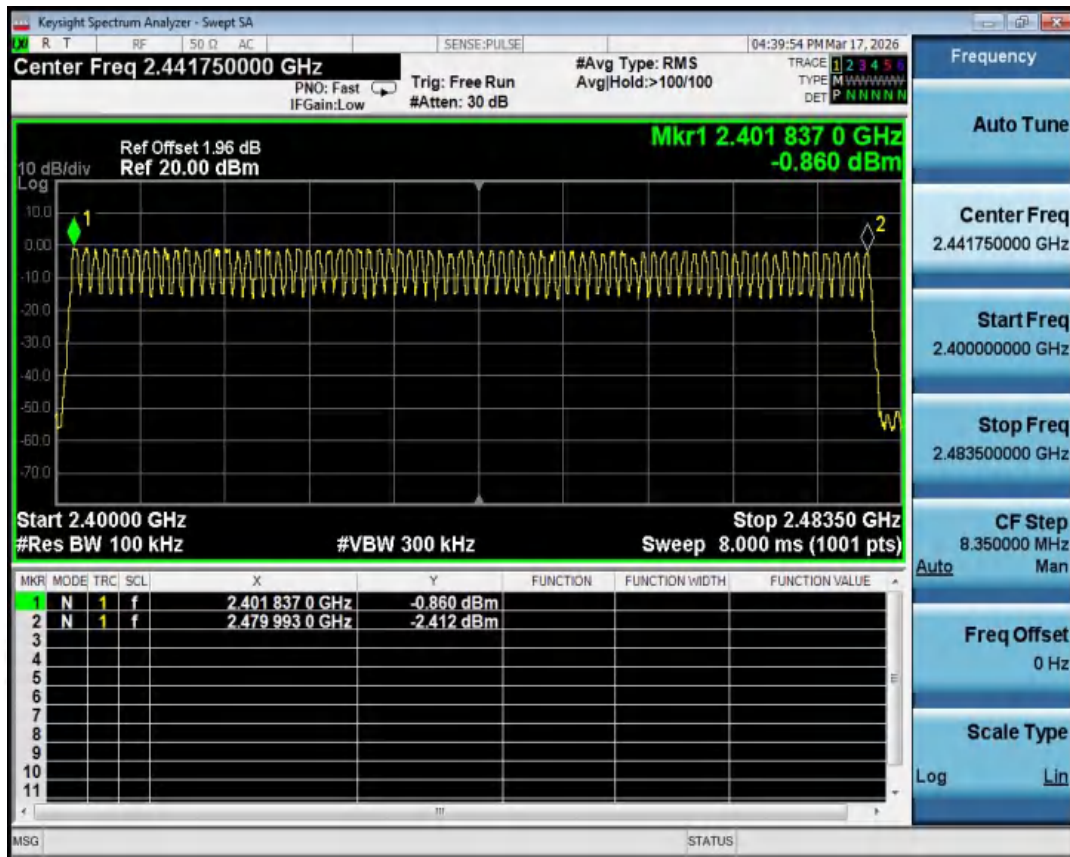
CFS NVNT 3-DH1 2441MHz Ant1



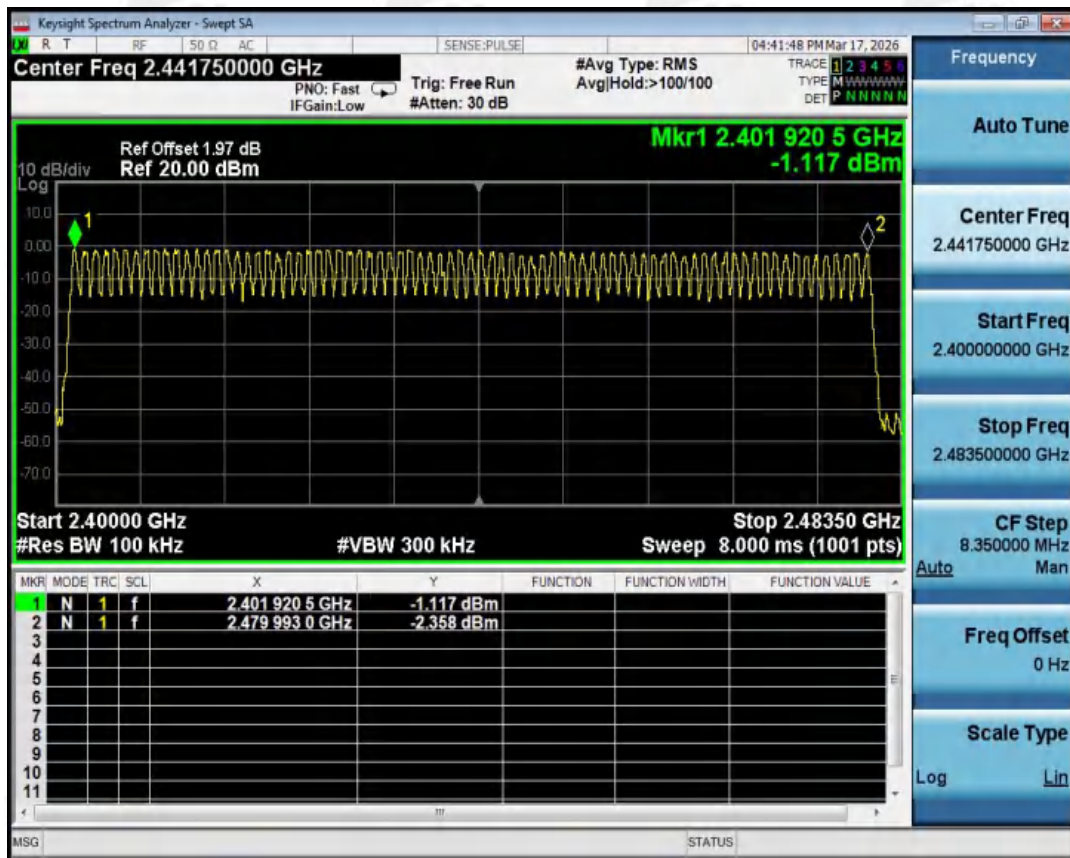
CFS NVNT 3-DH1 2480MHz Ant1

Number of Hopping Channel

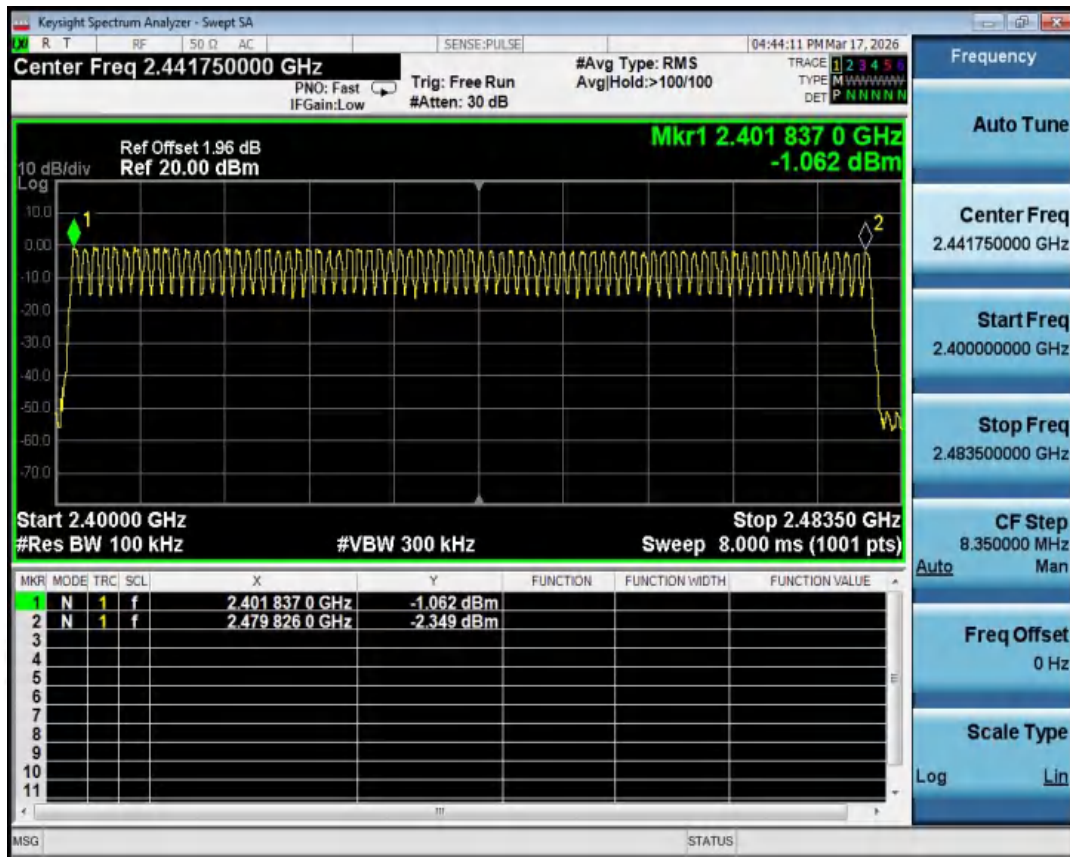
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass
NVNT	3-DH1	Ant1	79	15	Pass
NVNT	3-DH1	Ant1	79	15	Pass
NVNT	3-DH1	Ant1	79	15	Pass



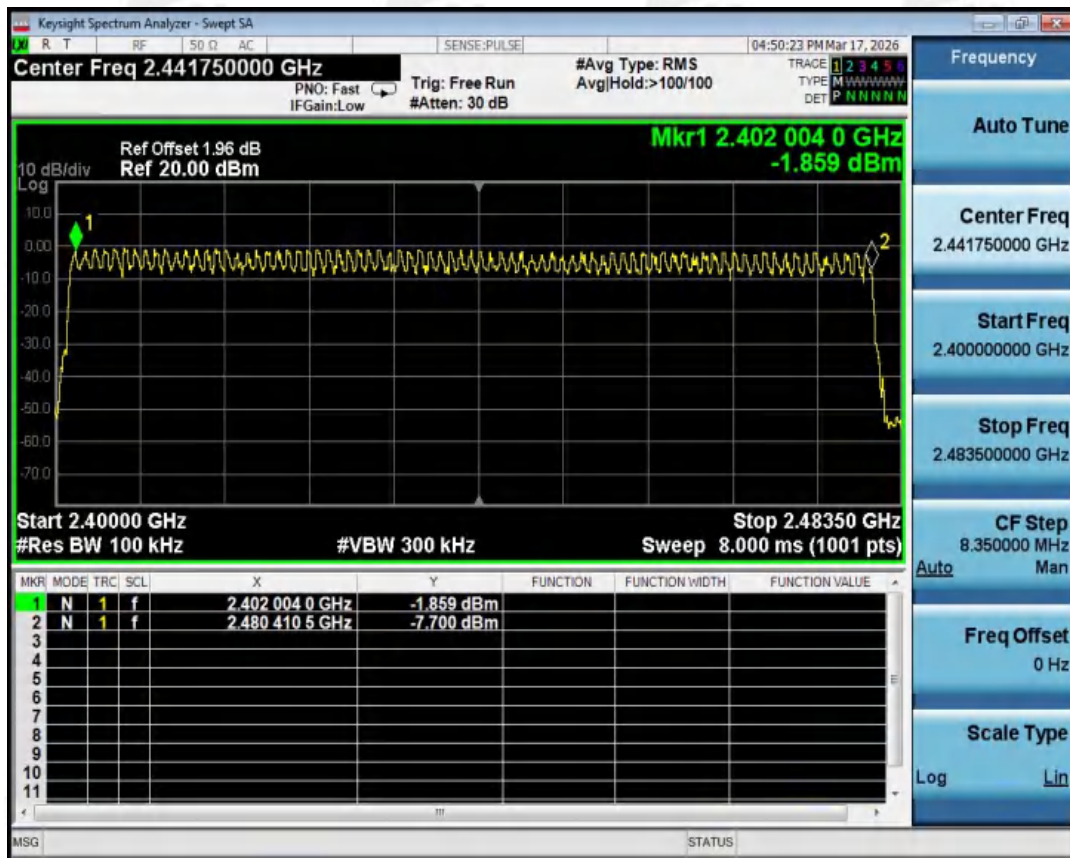
Hopping No. NVNT 1-DH1 2402MHz Ant1



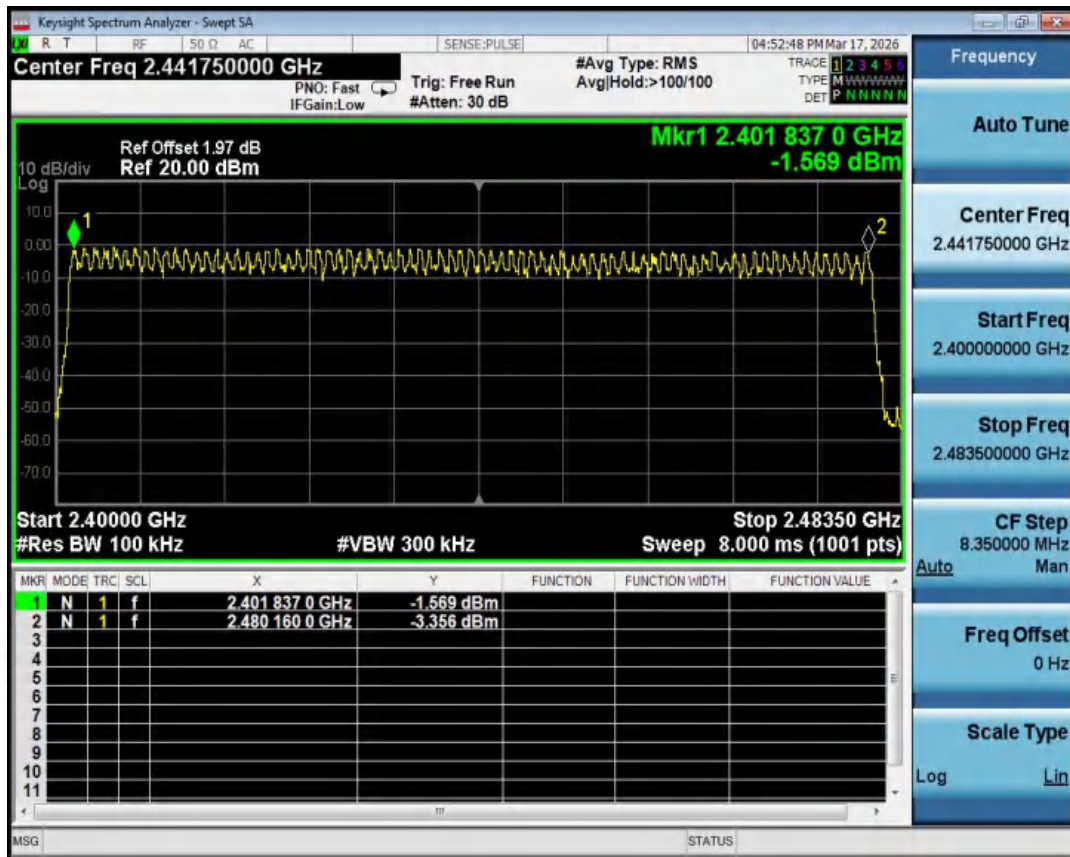
Hopping No. NVNT 1-DH1 2441MHz Ant1



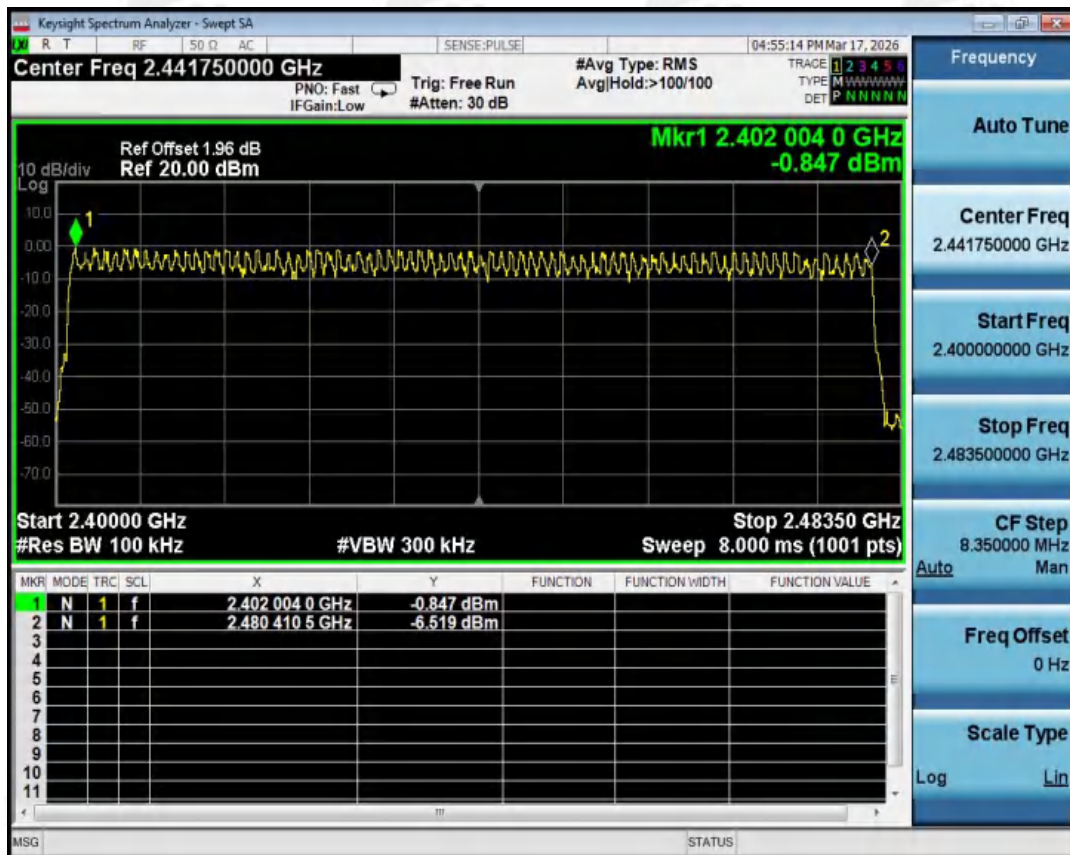
Hopping No. NVNT 1-DH1 2480MHz Ant1



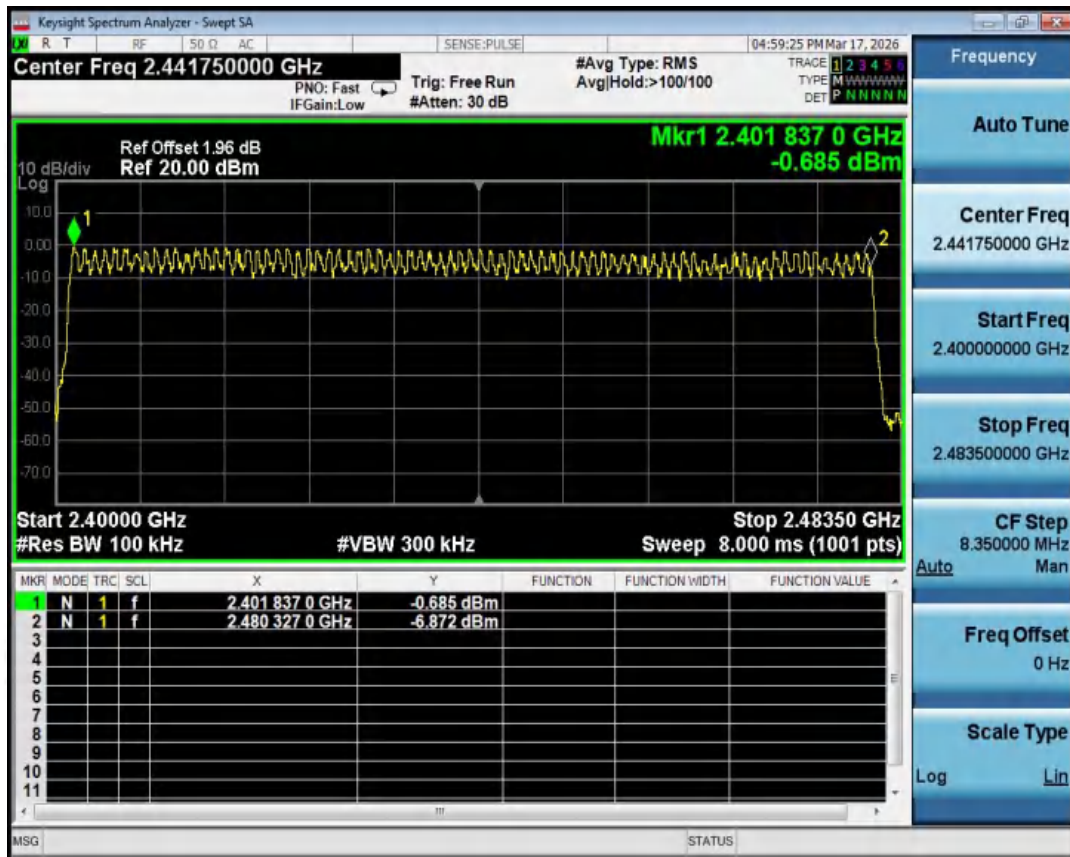
Hopping No. NVNT 2-DH1 2402MHz Ant1



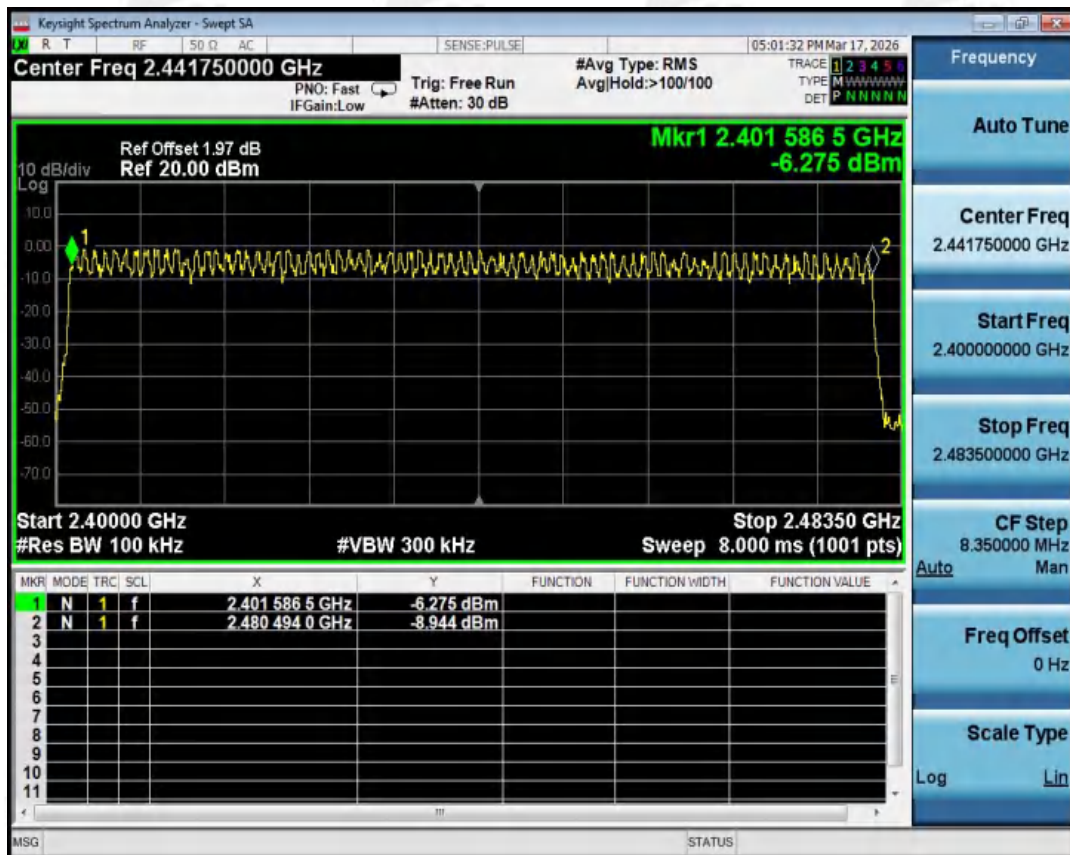
Hopping No. NVNT 2-DH1 2441MHz Ant1



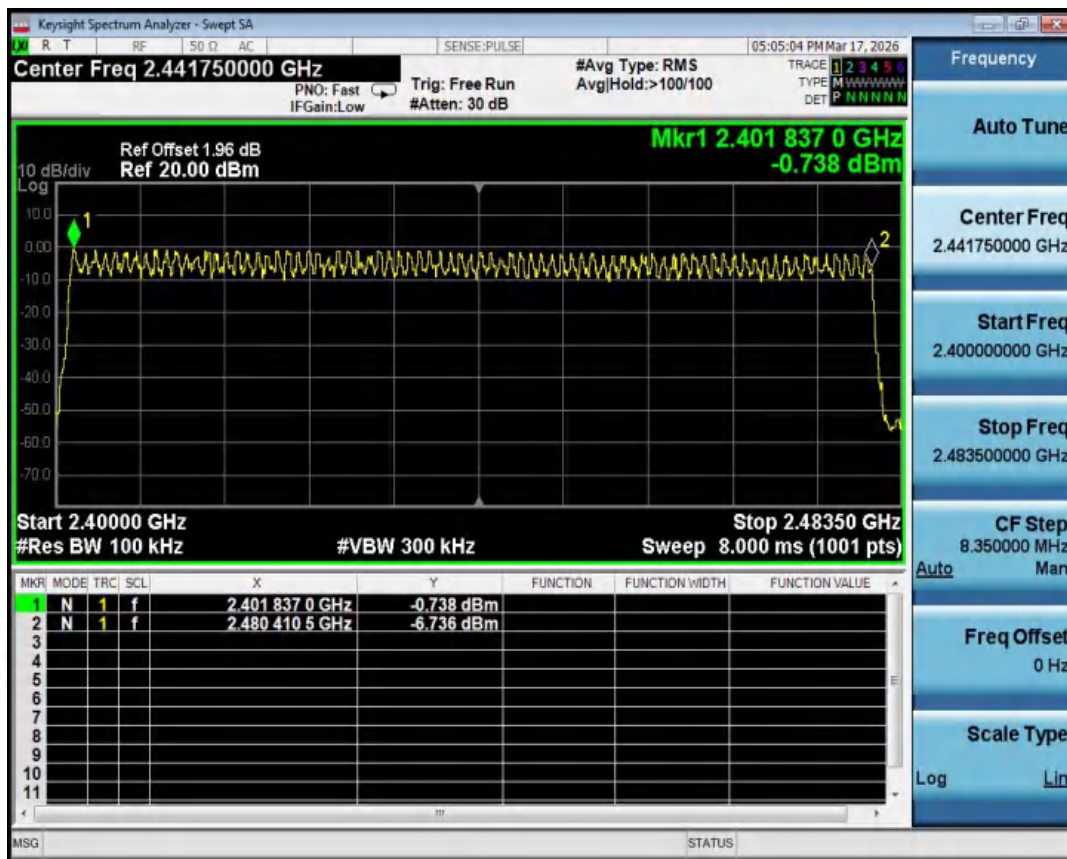
Hopping No. NVNT 2-DH1 2480MHz Ant1



Hopping No. NVNT 3-DH1 2402MHz Ant1



Hopping No. NVNT 3-DH1 2441MHz Ant1



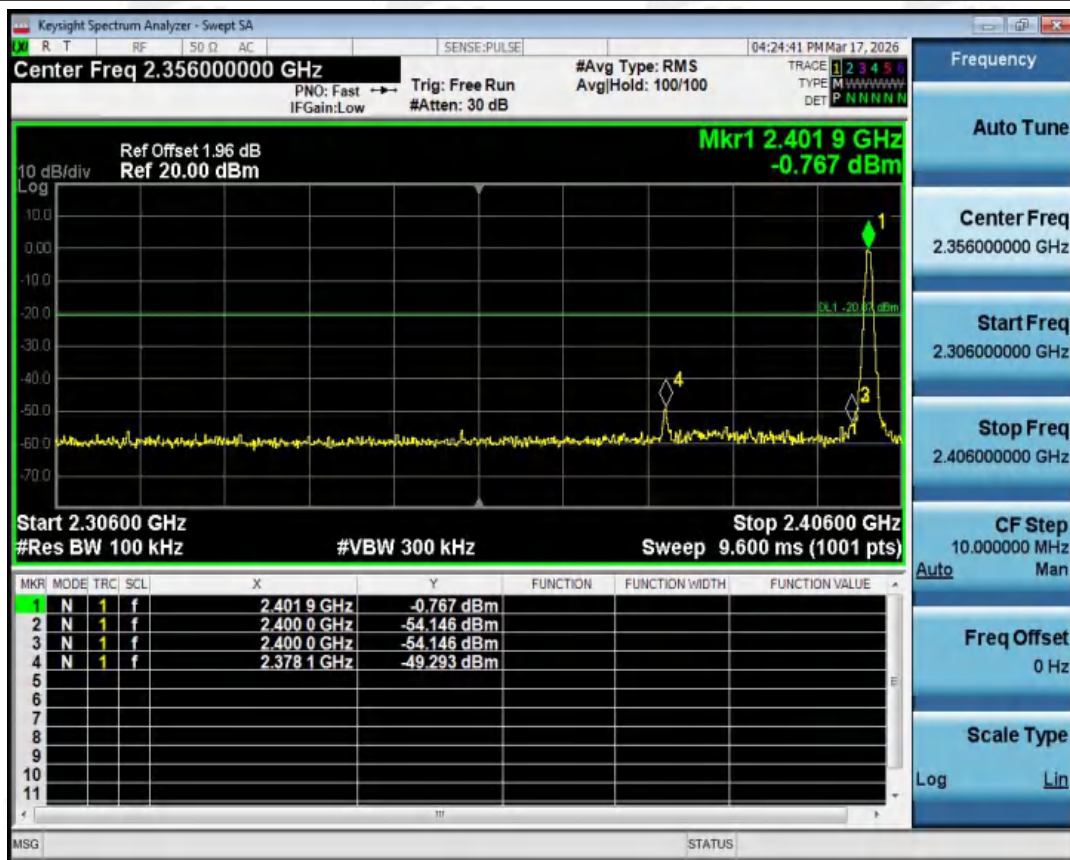
Hopping No. NVNT 3-DH1 2480MHz Ant1

Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-48.42	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-53.38	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-49.64	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-52.91	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-49.25	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-53.69	-20	Pass



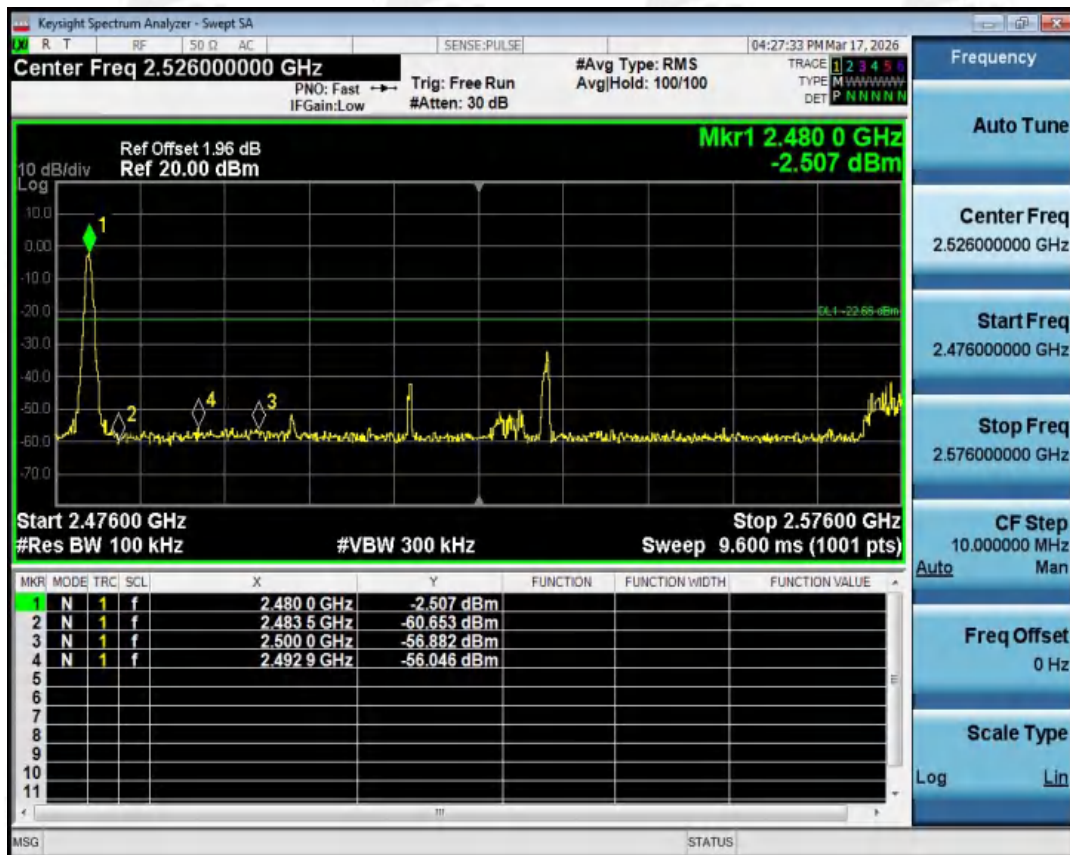
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



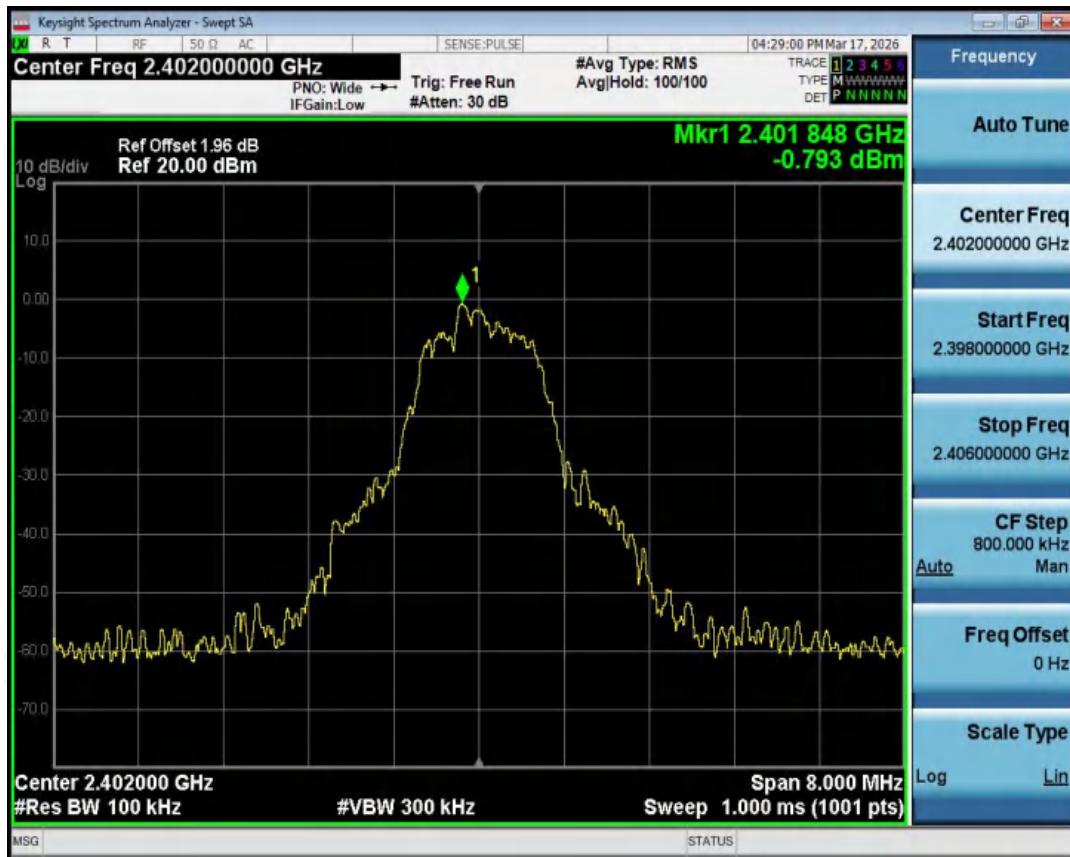
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



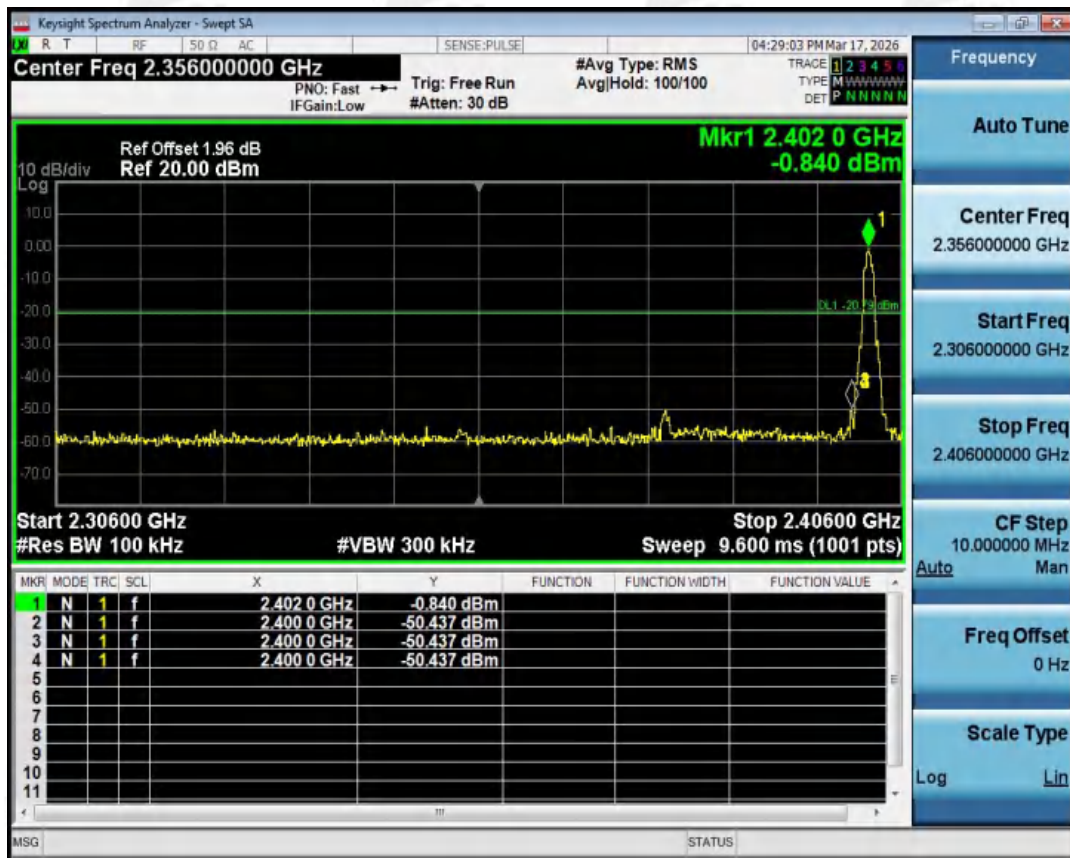
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



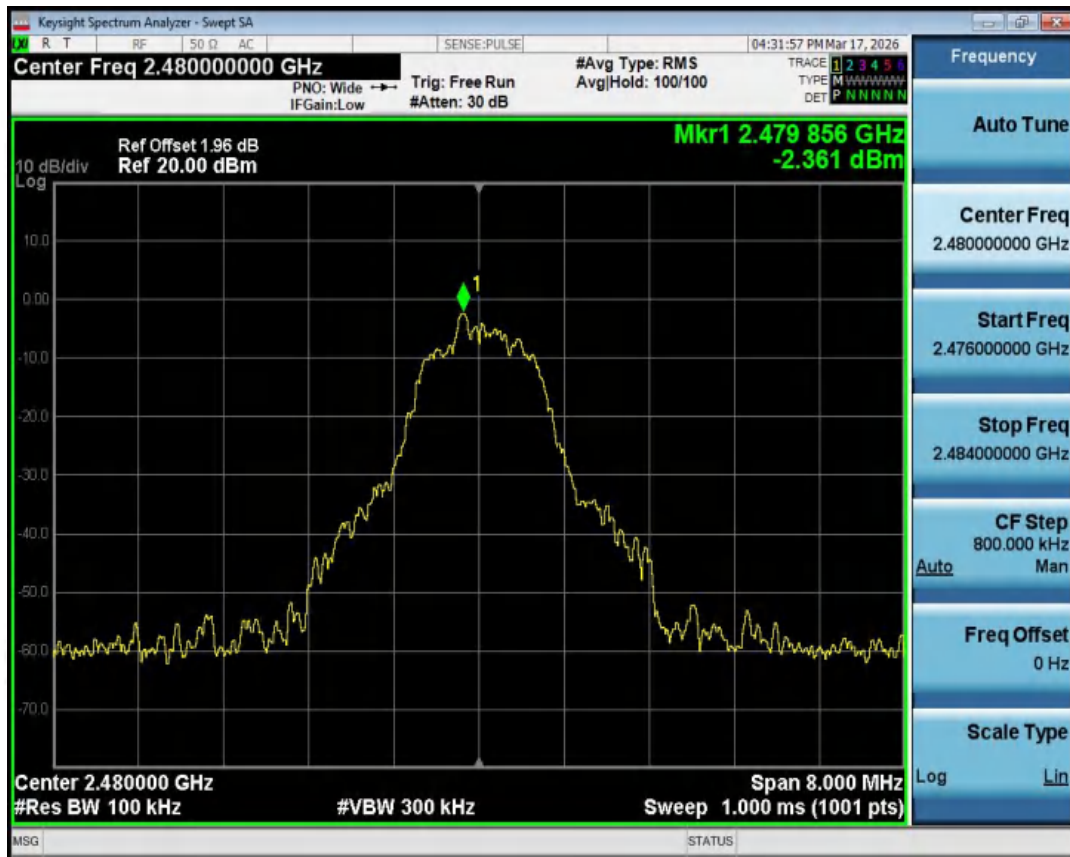
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



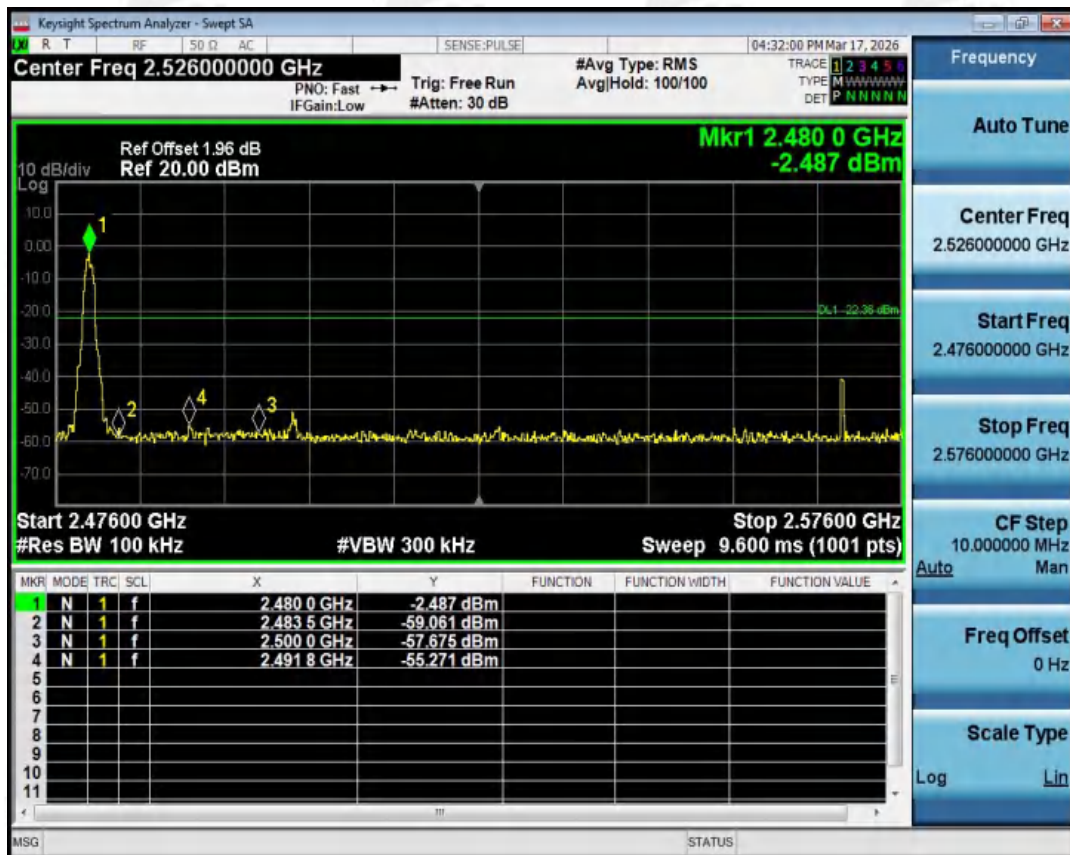
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



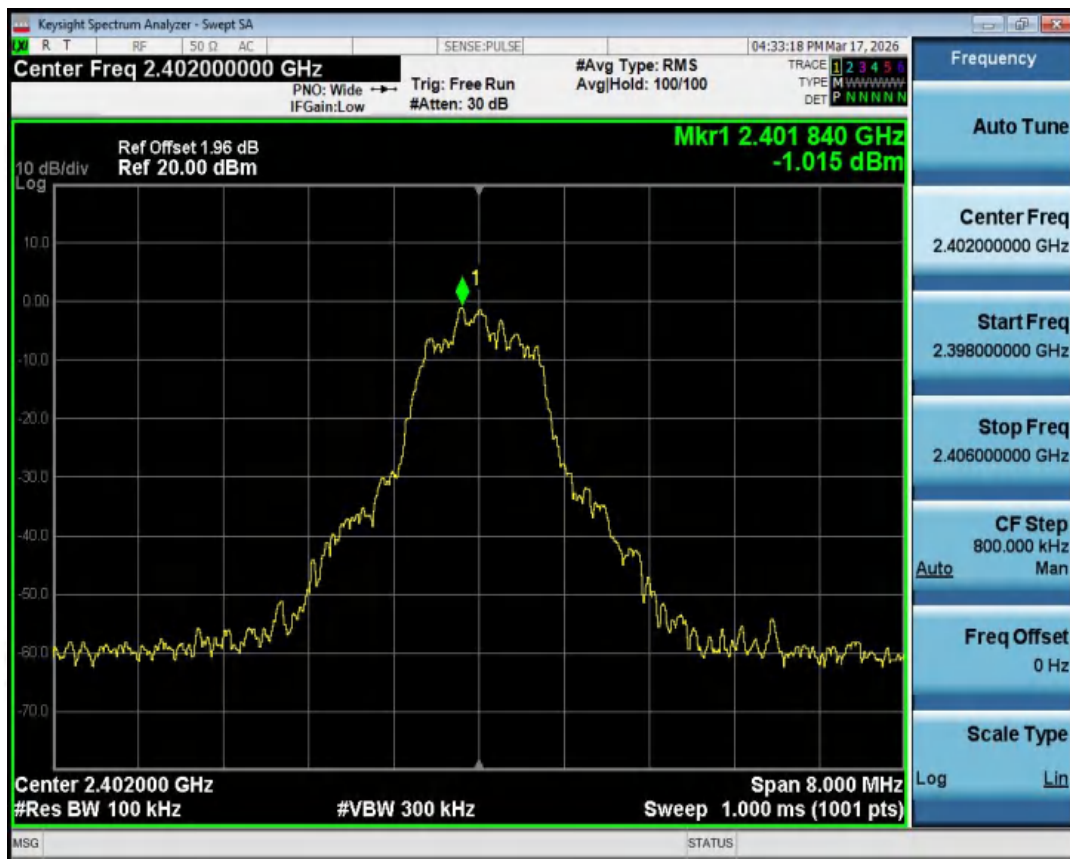
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



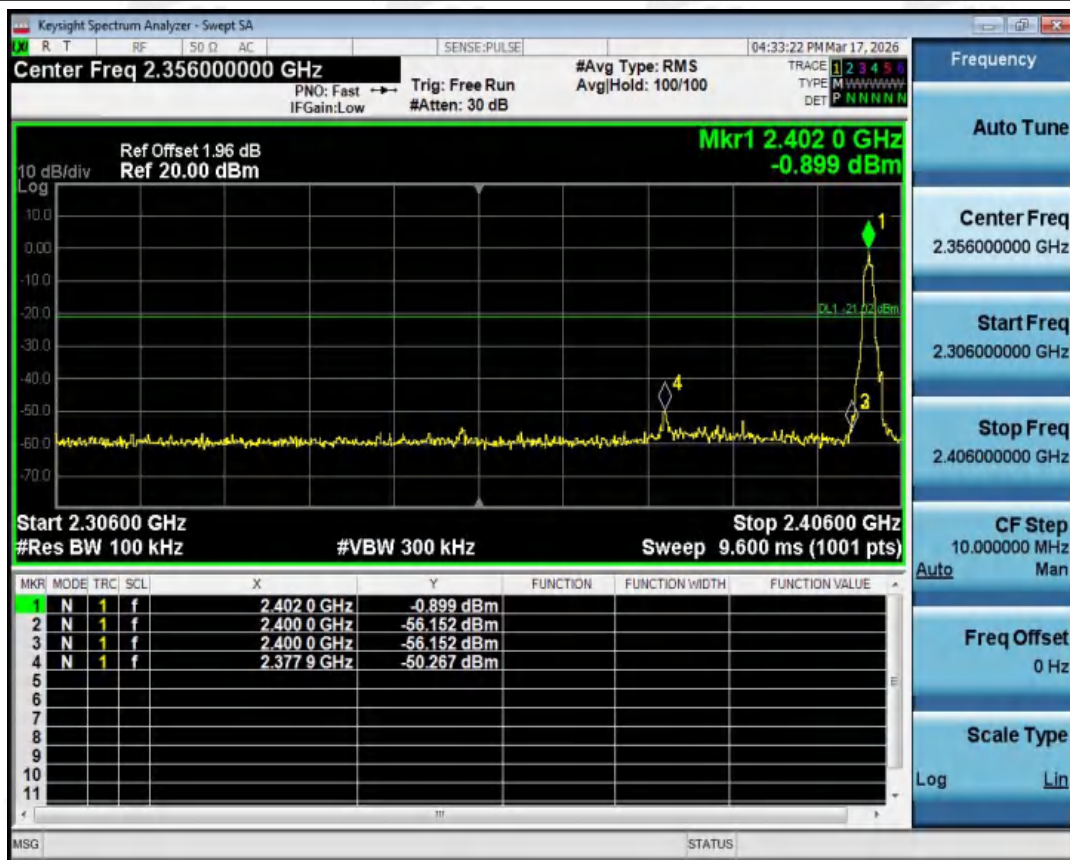
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



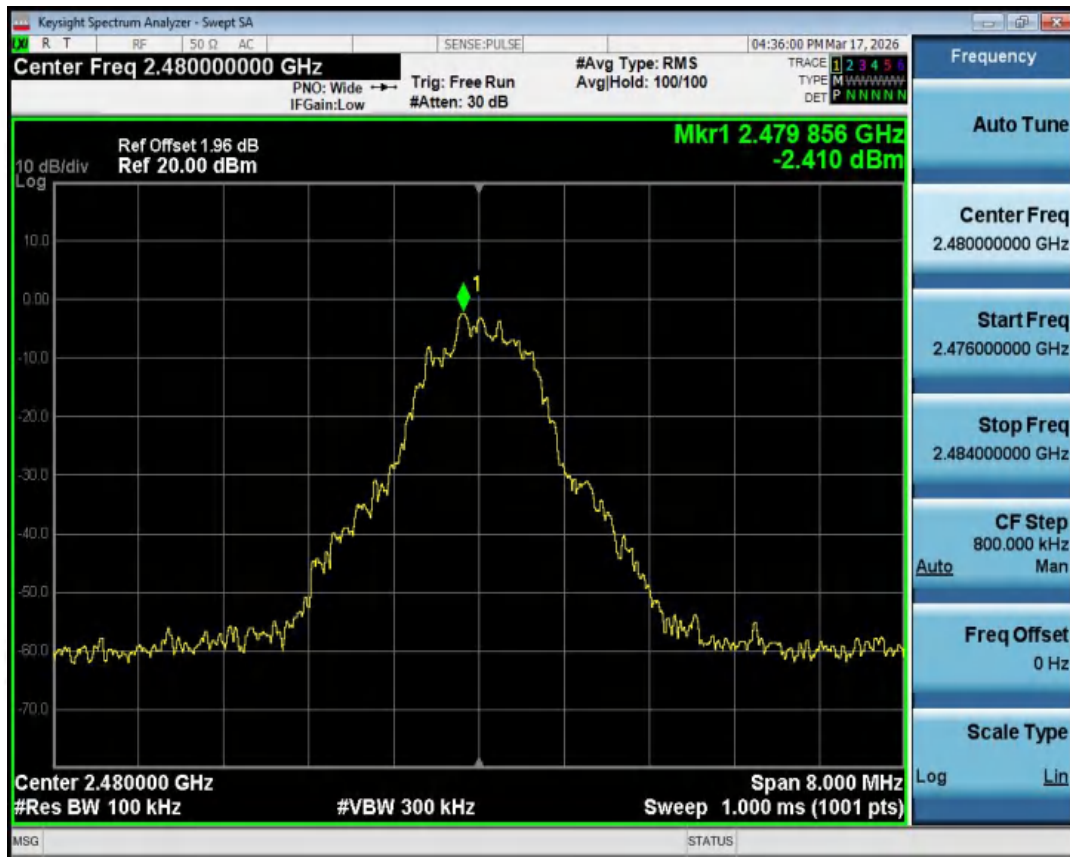
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



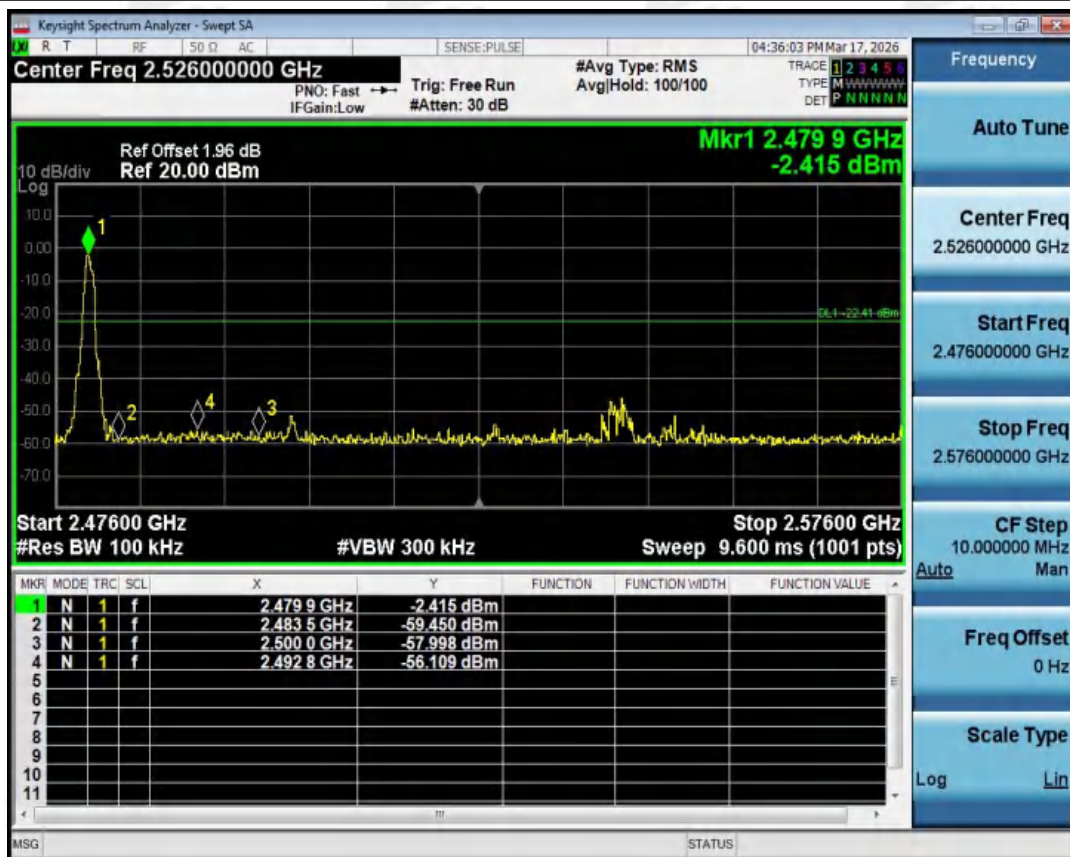
Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref



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



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



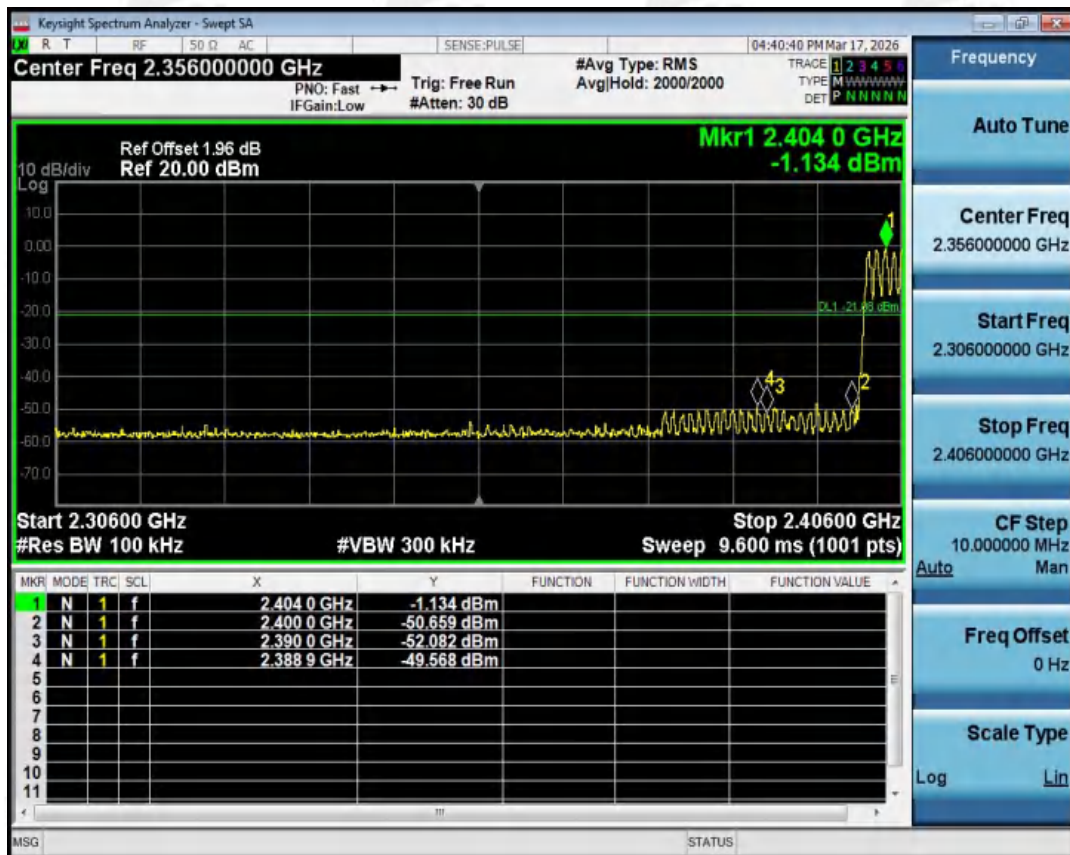
Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Emission

Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-48.48	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-48.11	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-49.58	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-48.72	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-49.05	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-48.11	-20	Pass



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



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



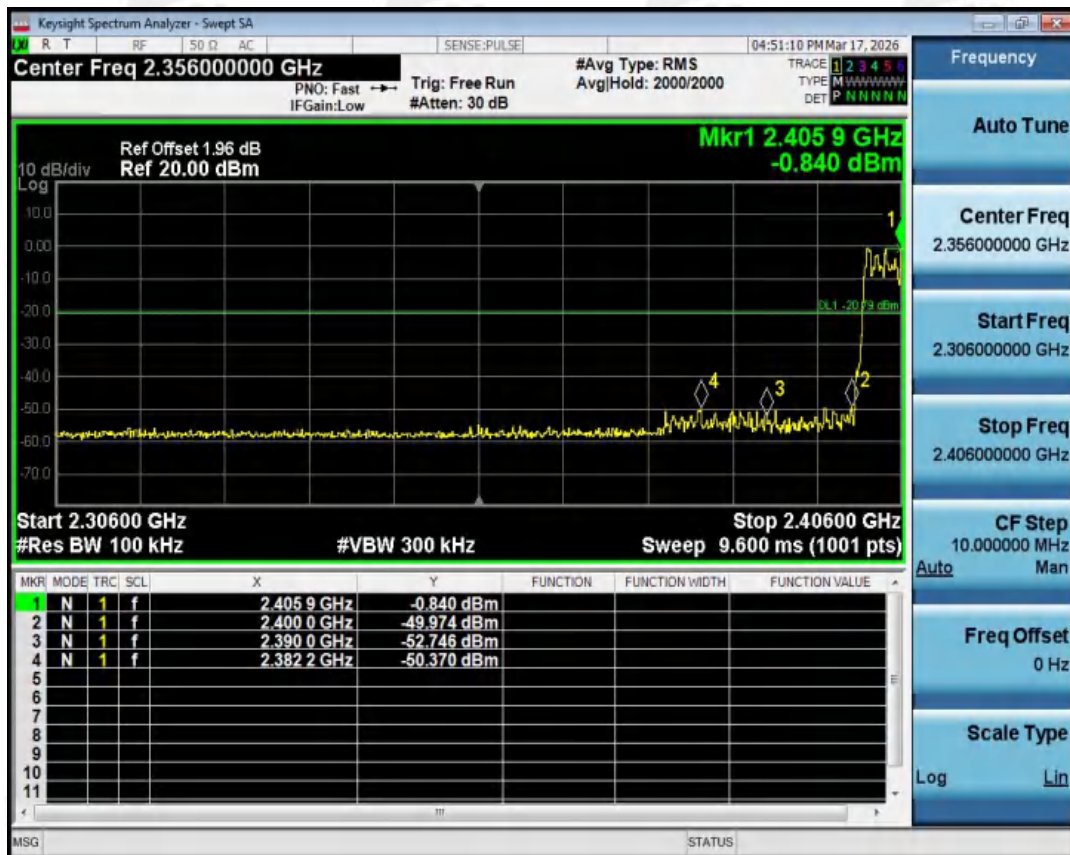
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



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



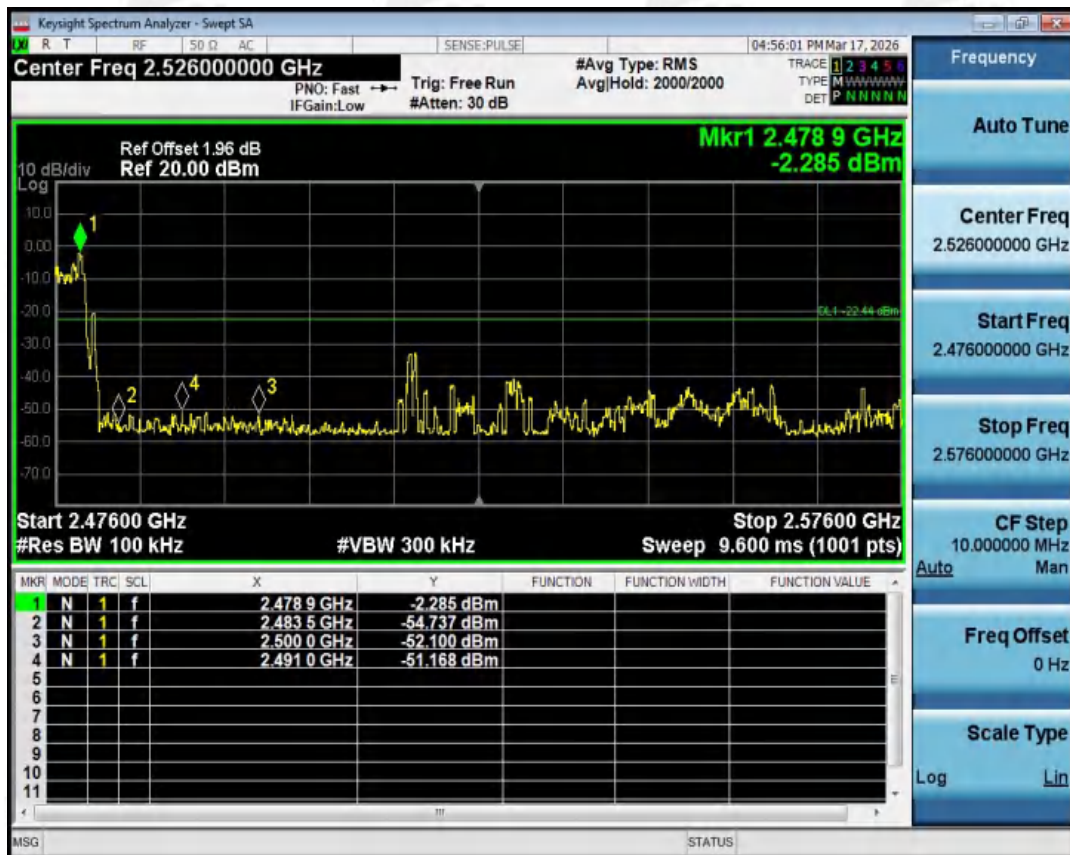
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref



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



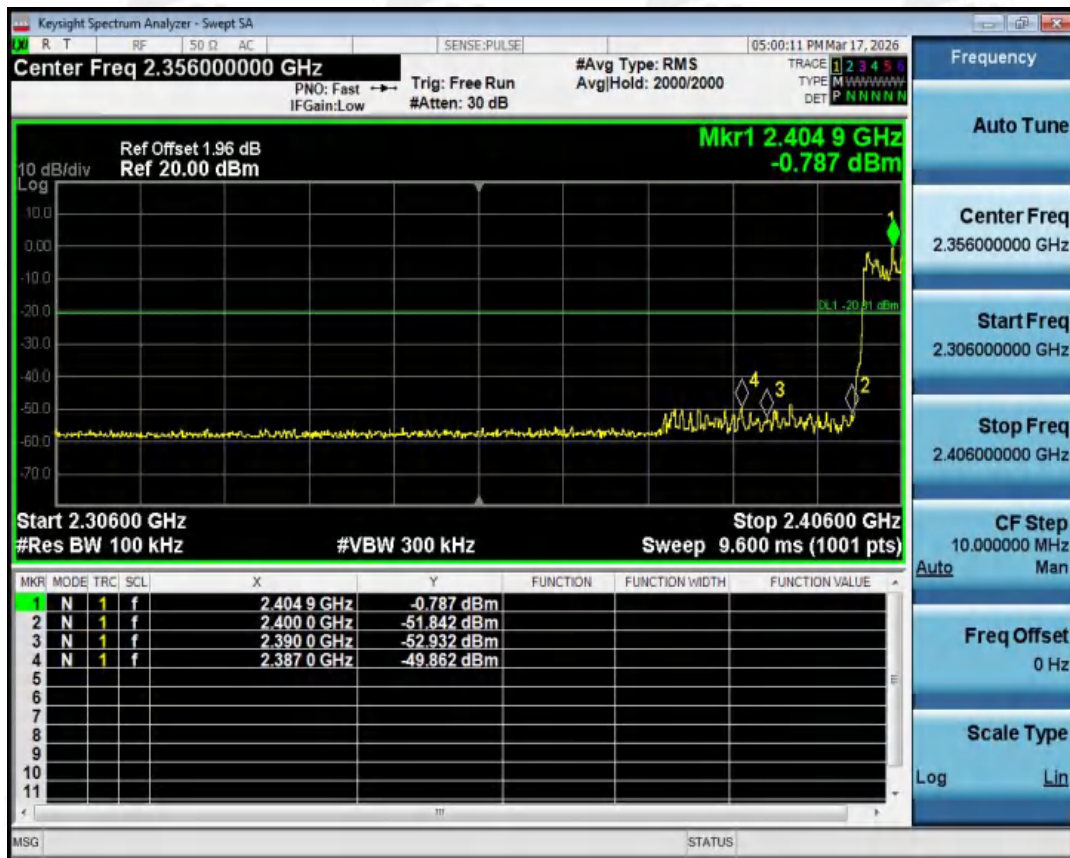
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



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



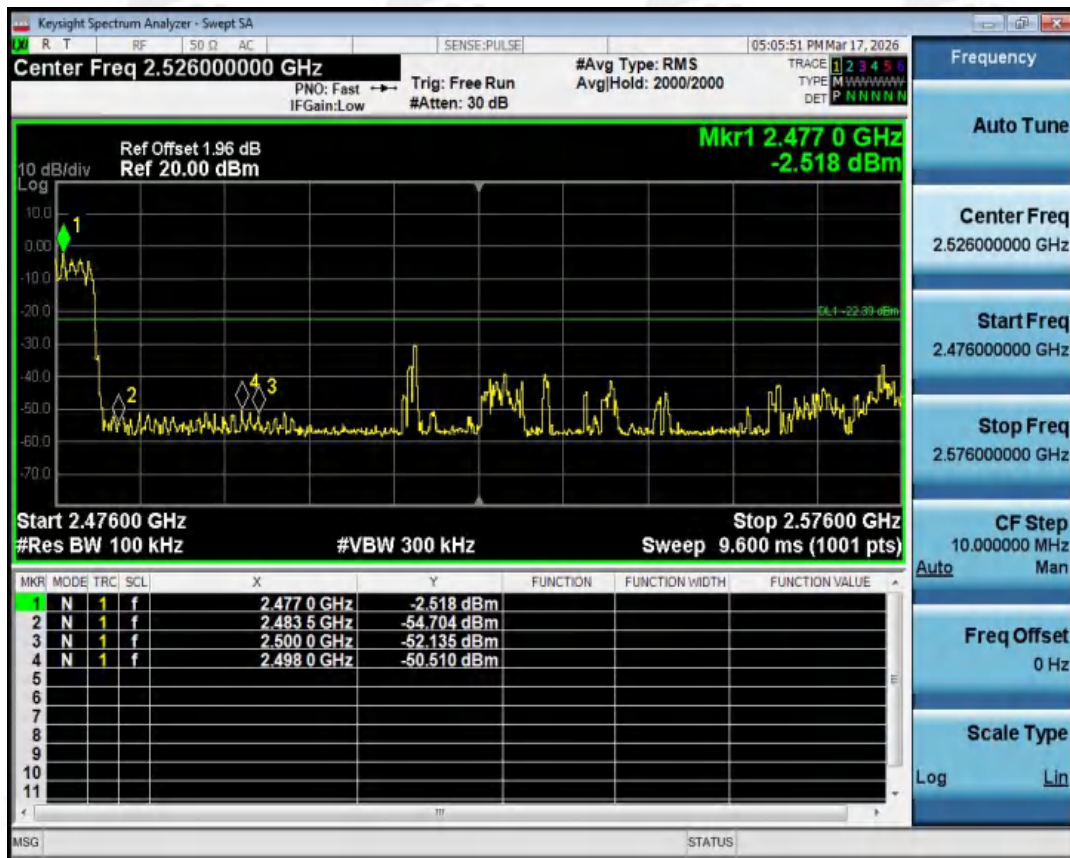
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



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



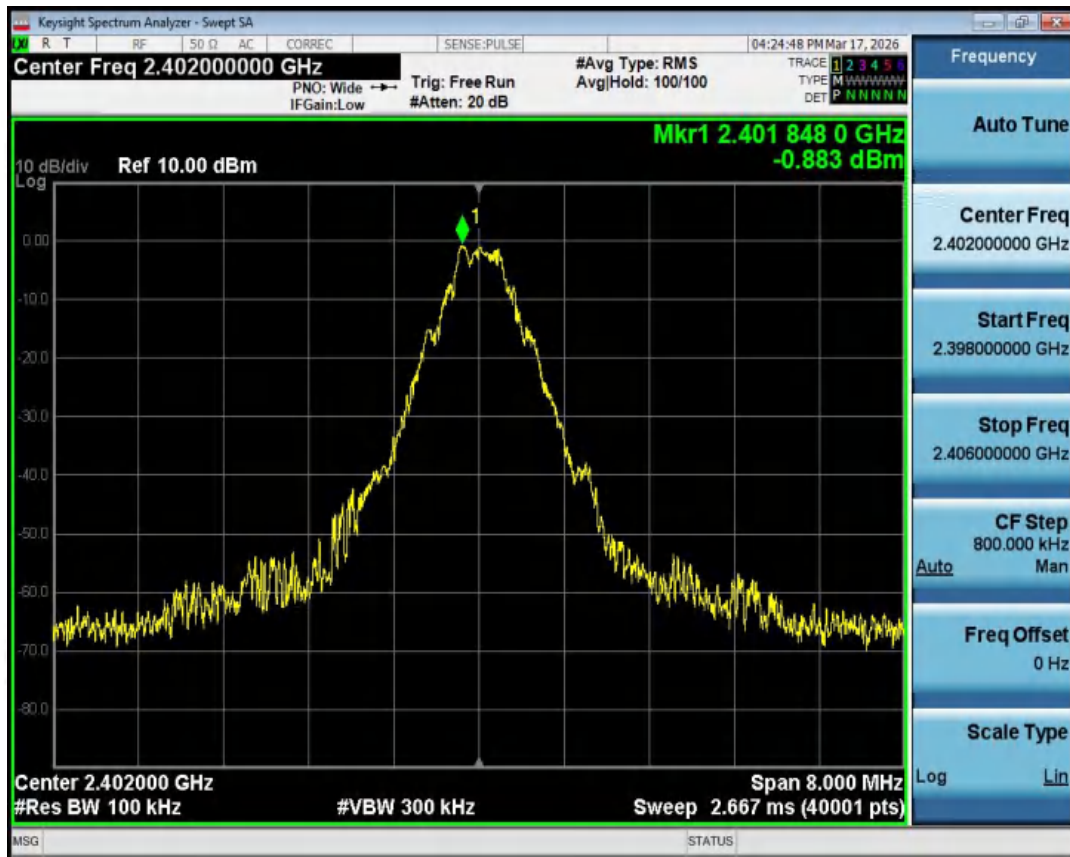
Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Ref



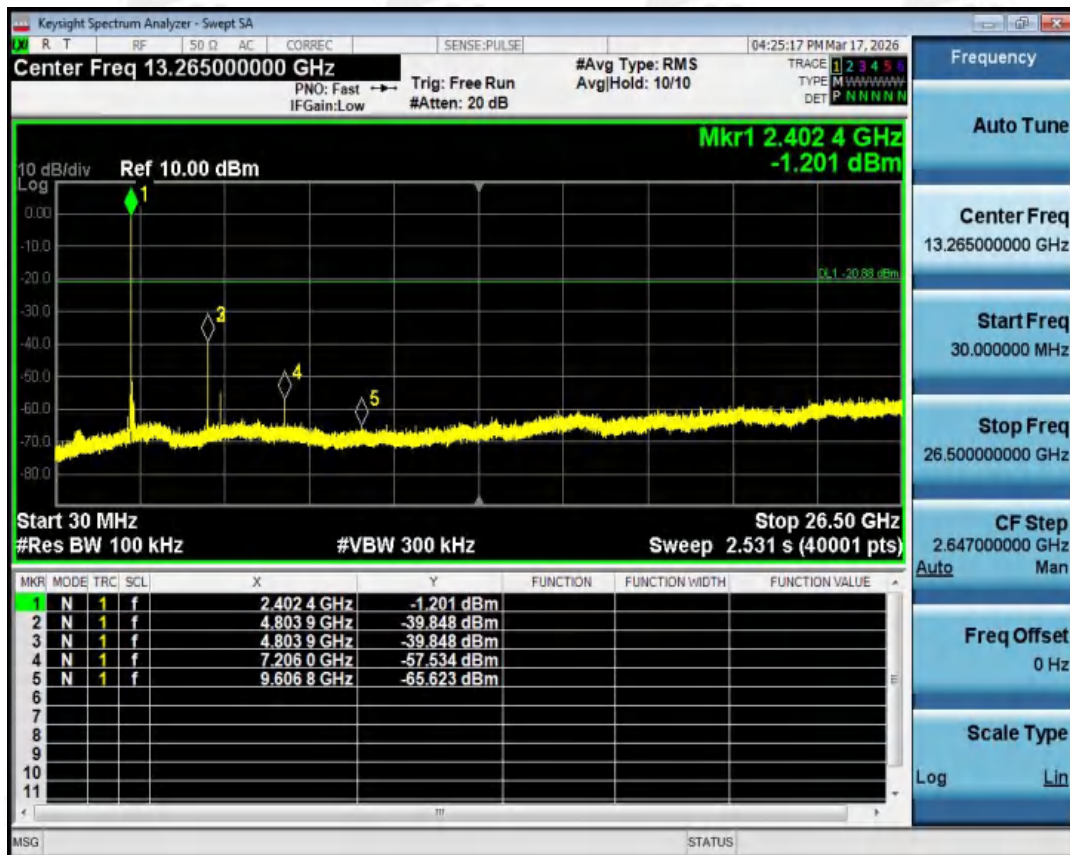
Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission

Conducted RF Spurious Emission

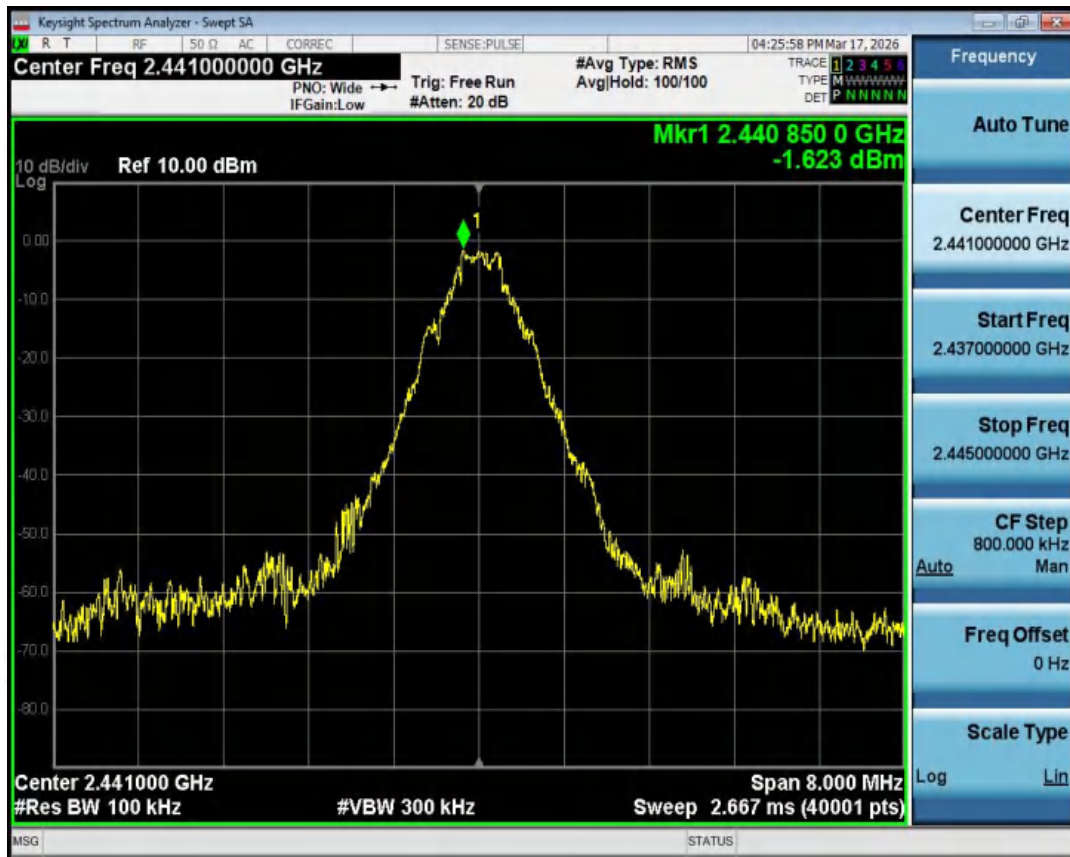
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-38.96	-20	Pass
NVNT	1-DH1	2441	Ant1	-45.23	-20	Pass
NVNT	1-DH1	2480	Ant1	-35.85	-20	Pass
NVNT	2-DH1	2402	Ant1	-27.91	-20	Pass
NVNT	2-DH1	2441	Ant1	-34.74	-20	Pass
NVNT	2-DH1	2480	Ant1	-40.91	-20	Pass
NVNT	3-DH1	2402	Ant1	-46.01	-20	Pass
NVNT	3-DH1	2441	Ant1	-43.92	-20	Pass
NVNT	3-DH1	2480	Ant1	-40.46	-20	Pass



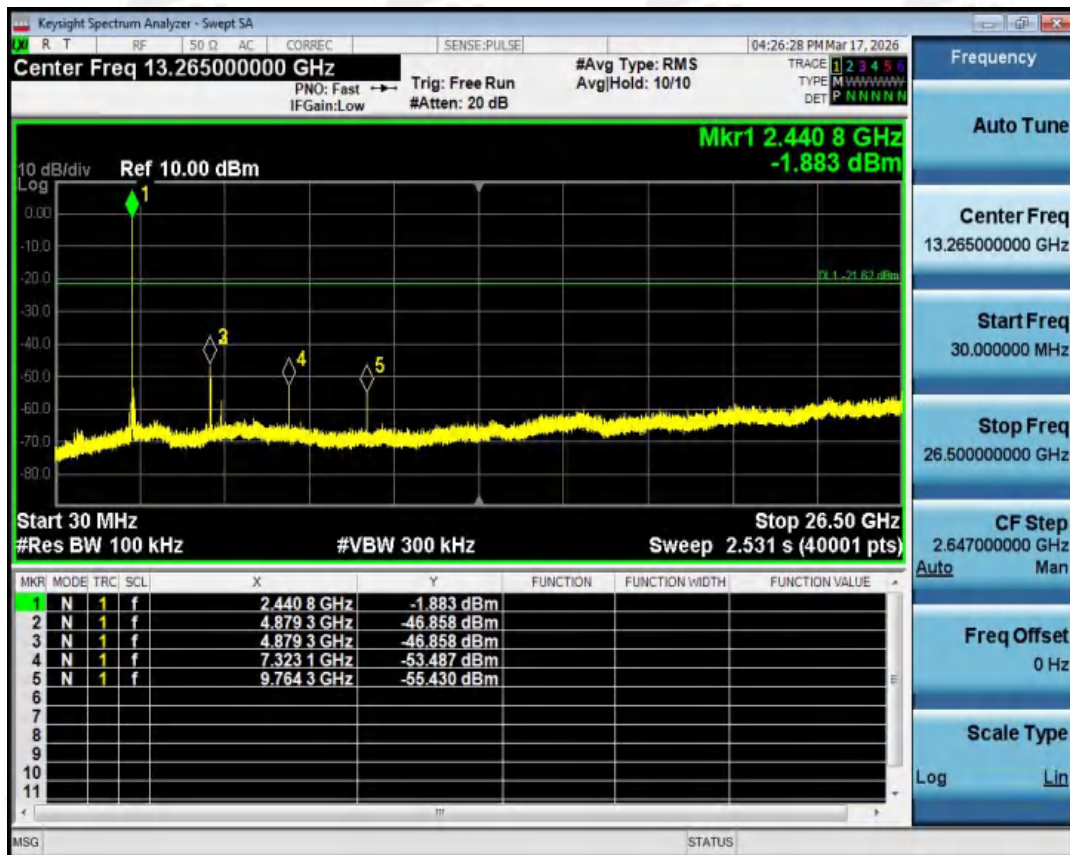
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



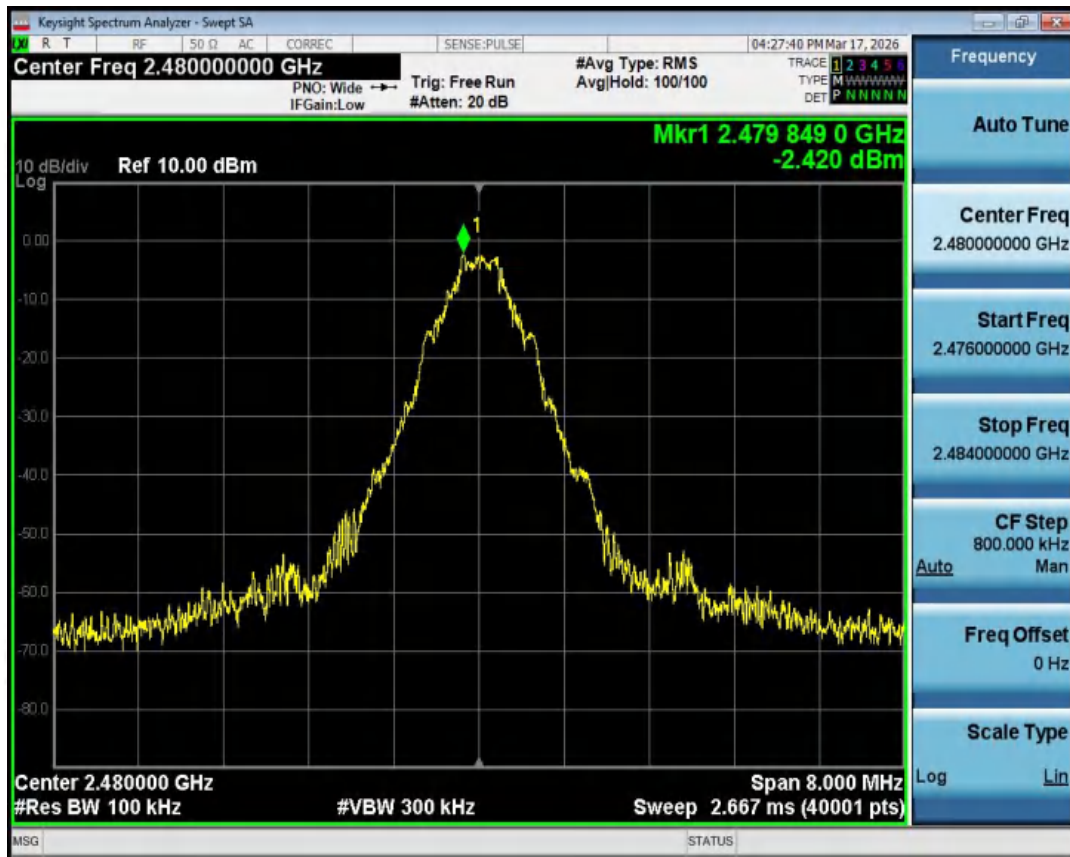
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



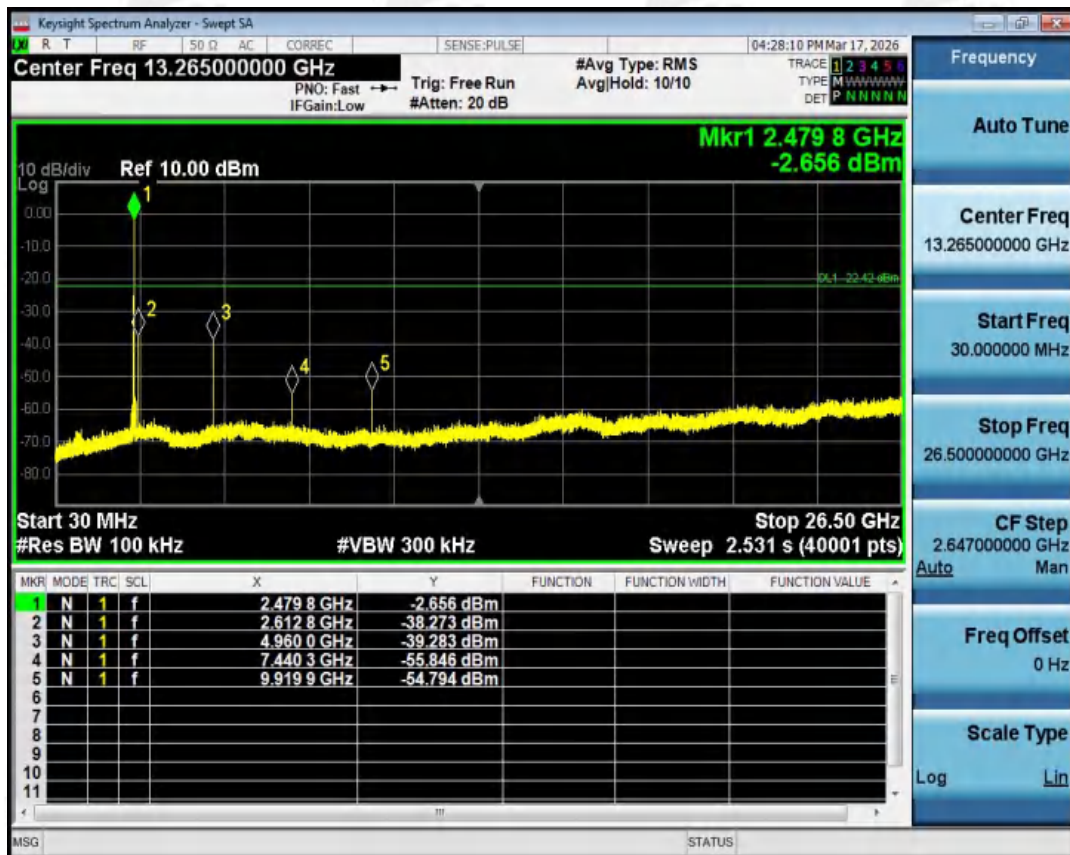
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



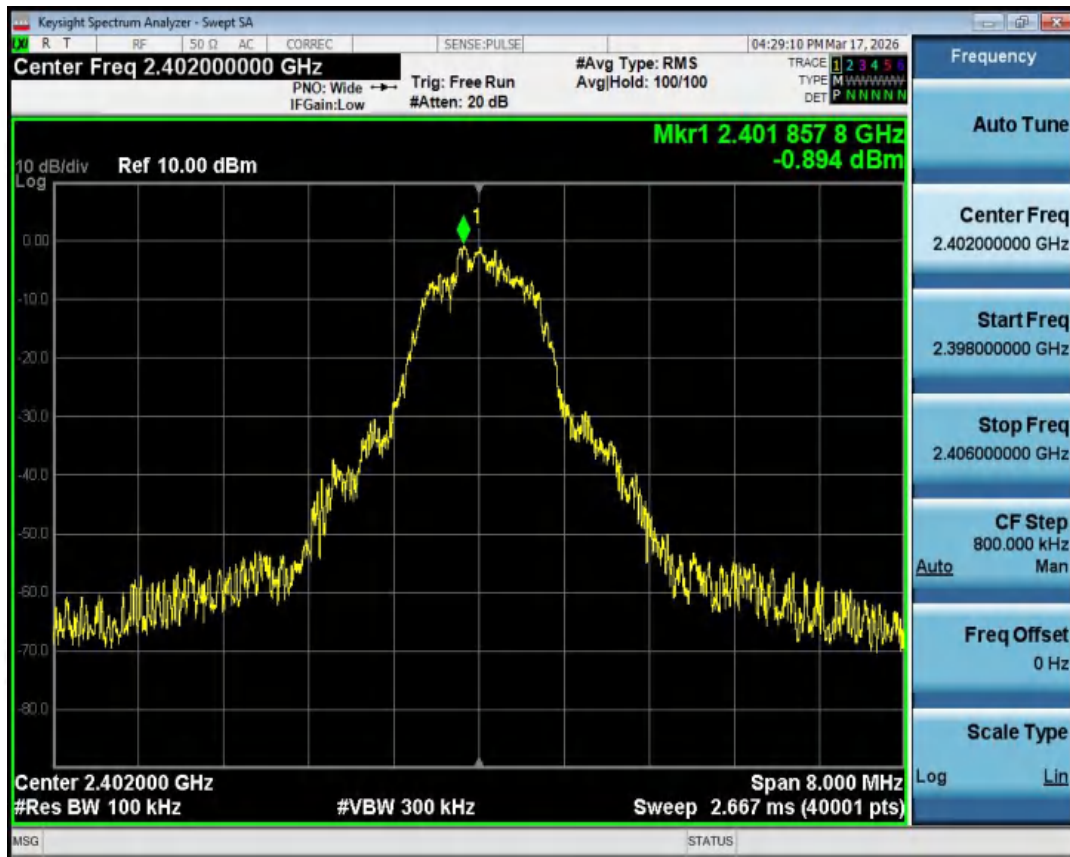
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



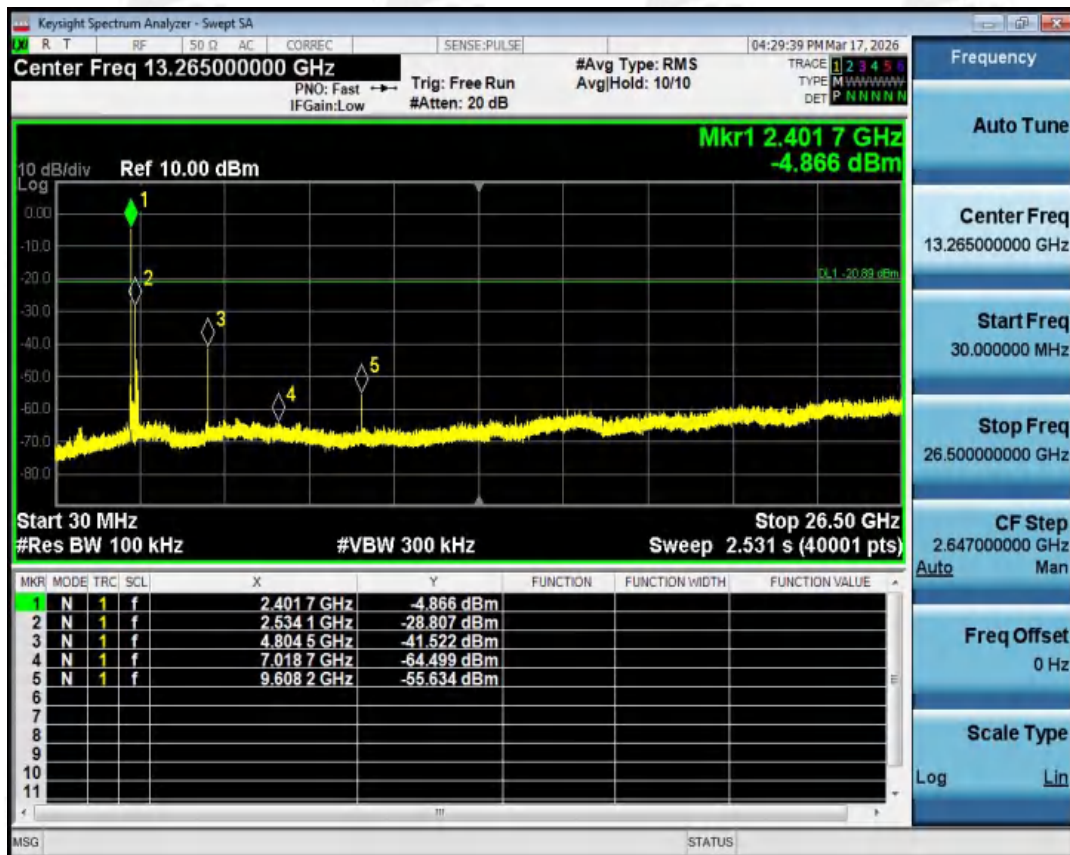
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



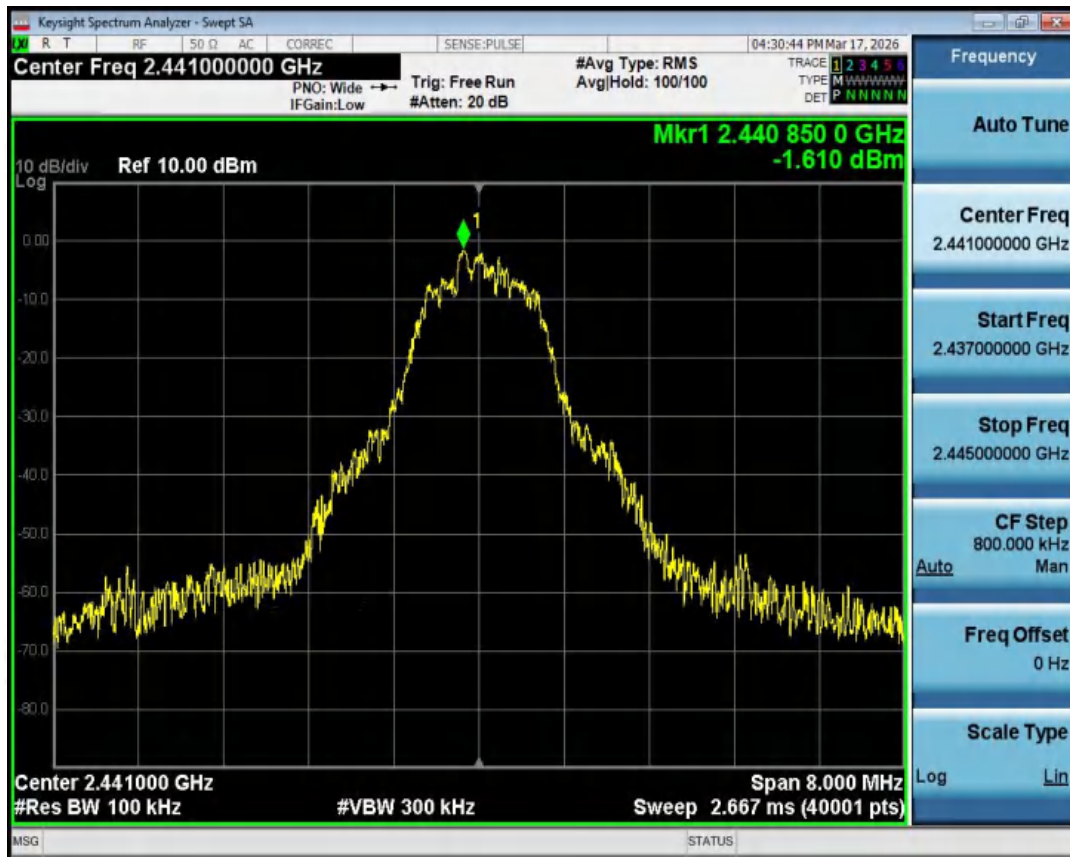
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



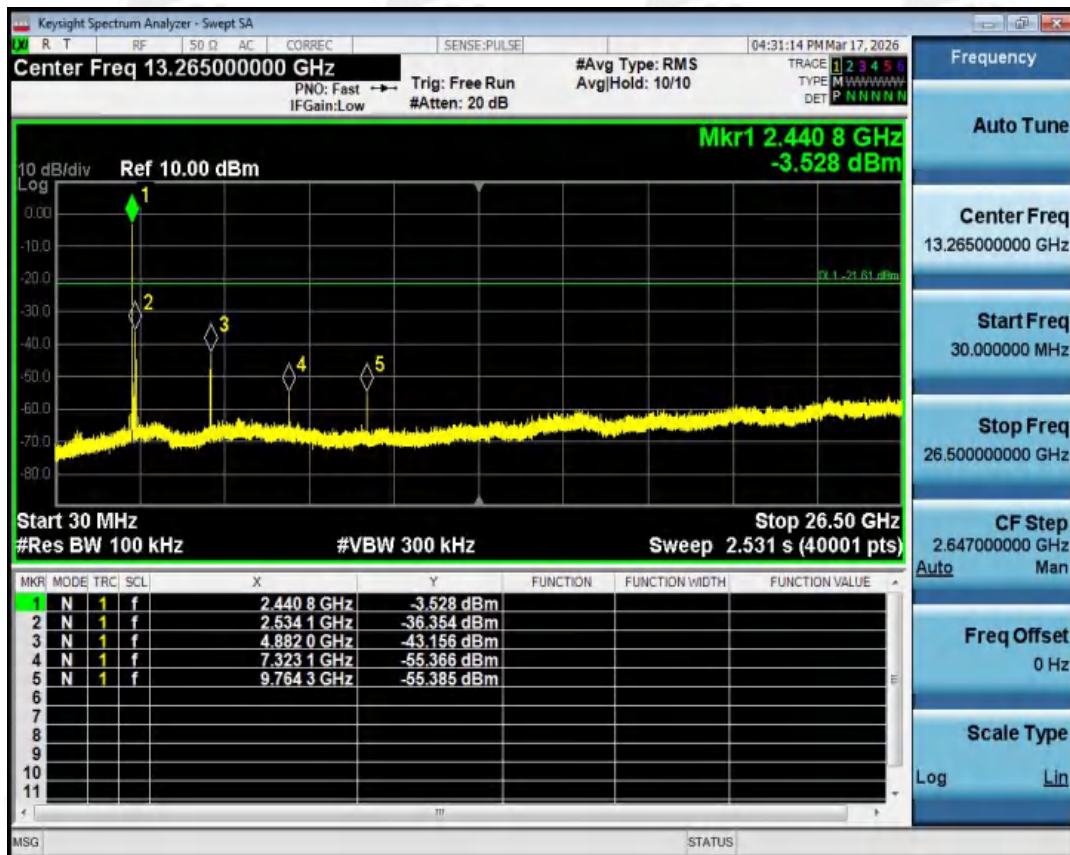
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



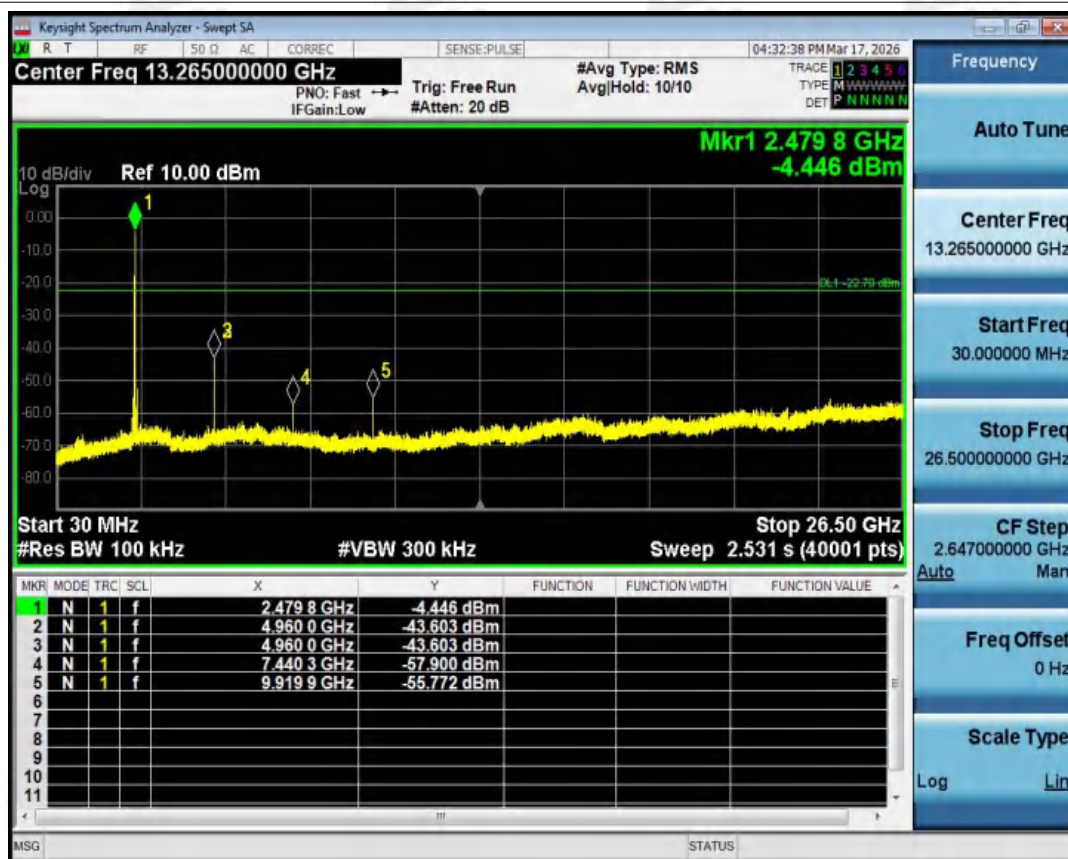
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



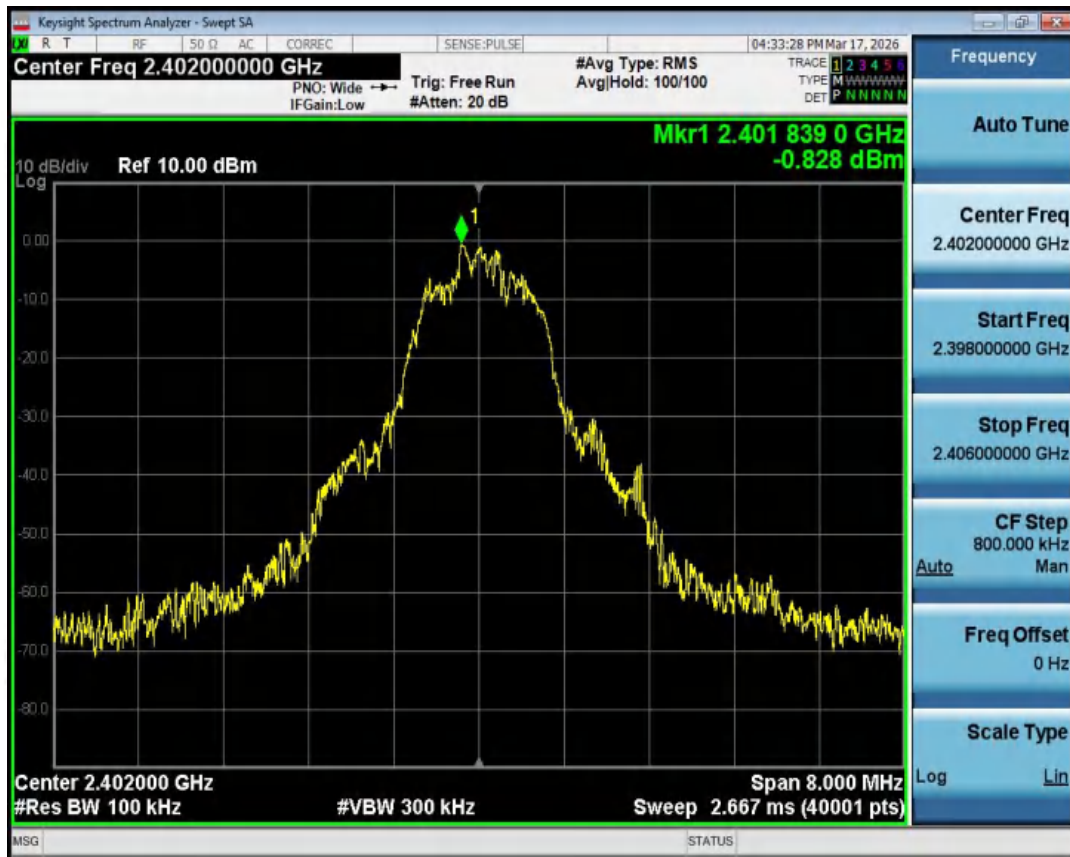
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



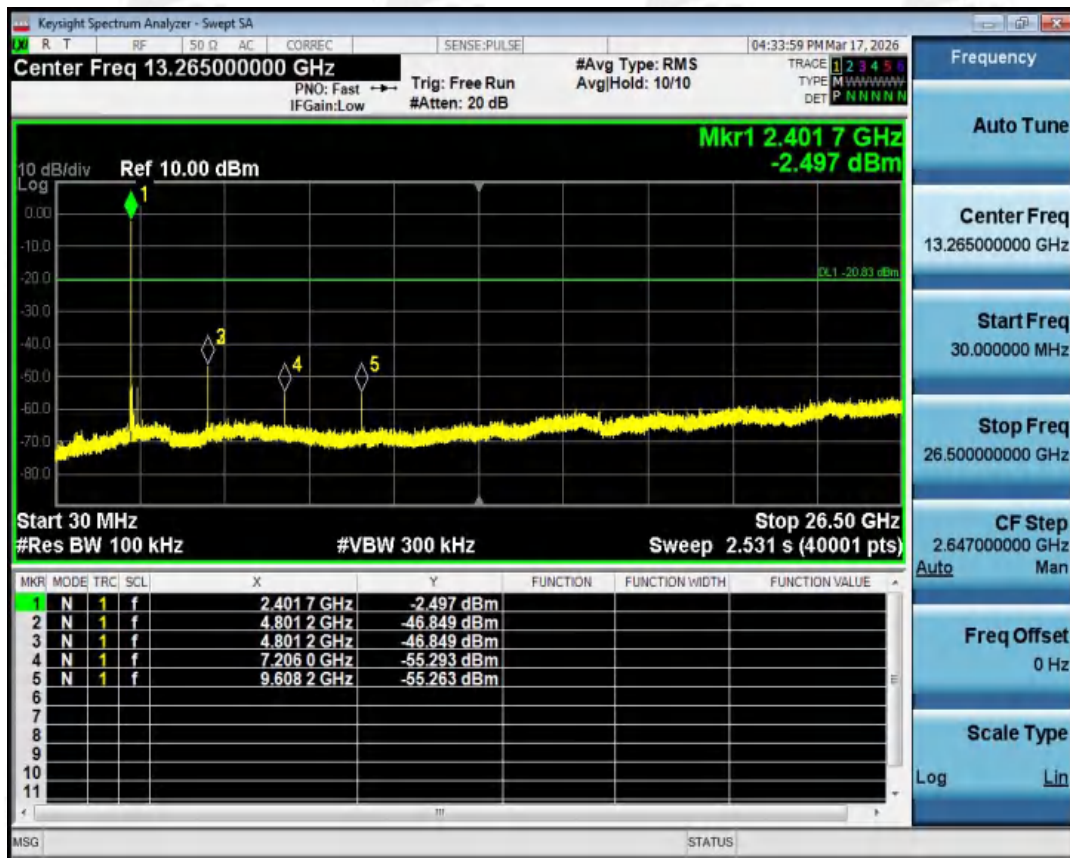
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



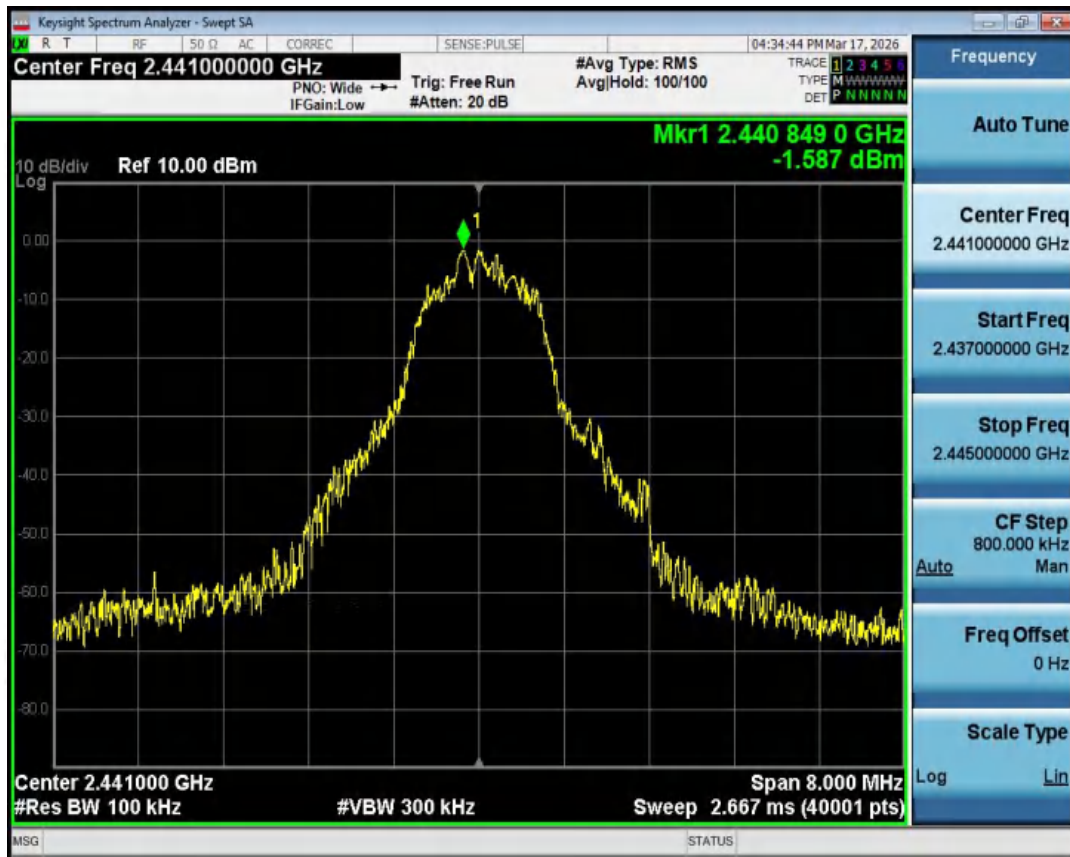
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



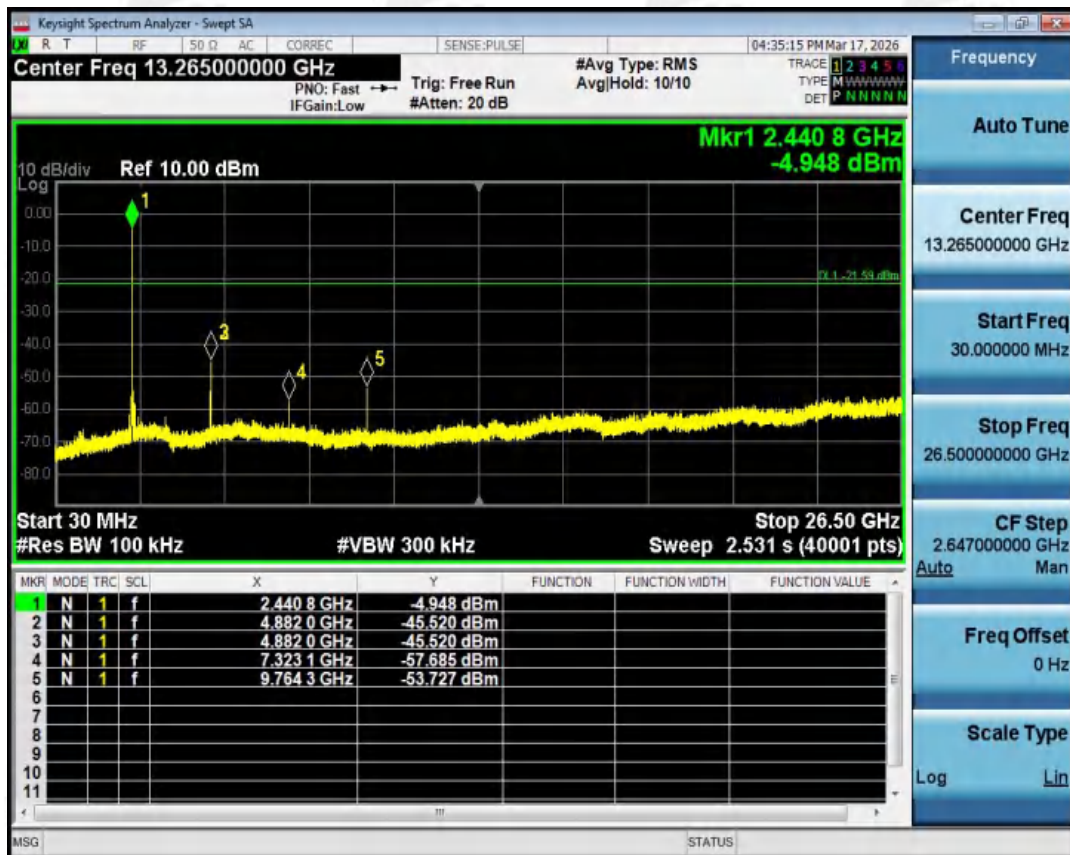
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission



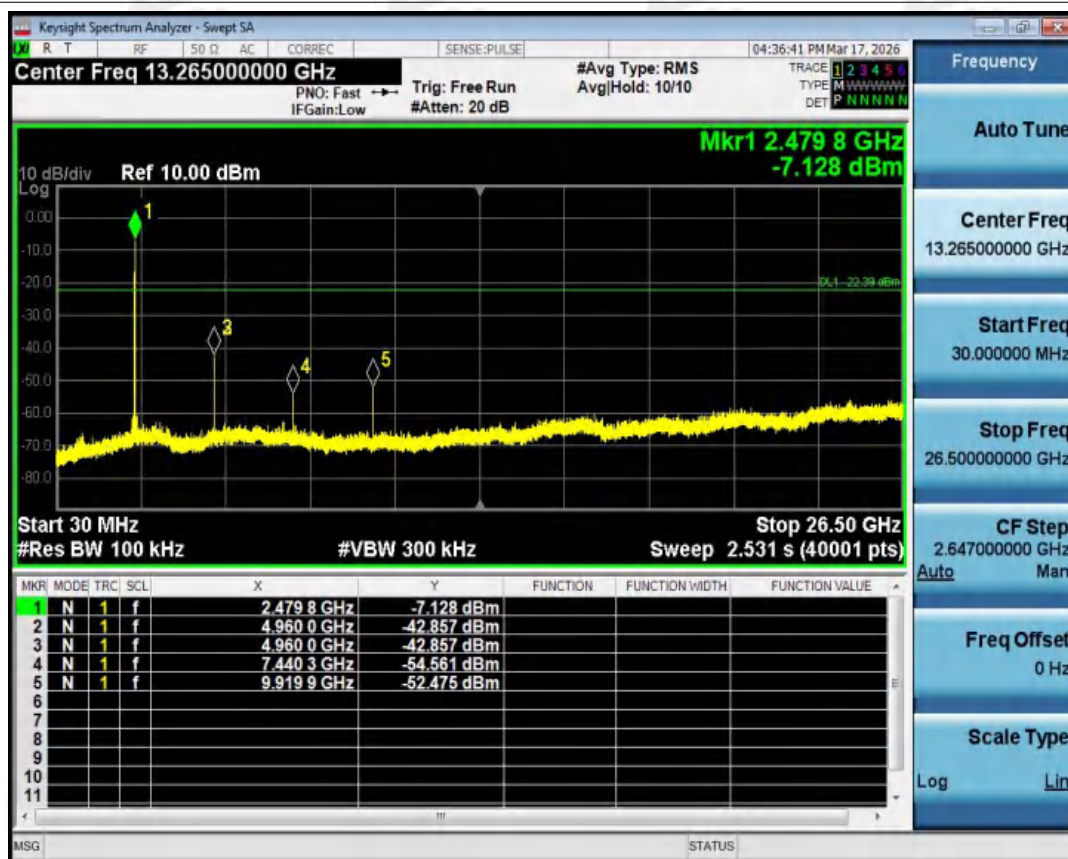
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



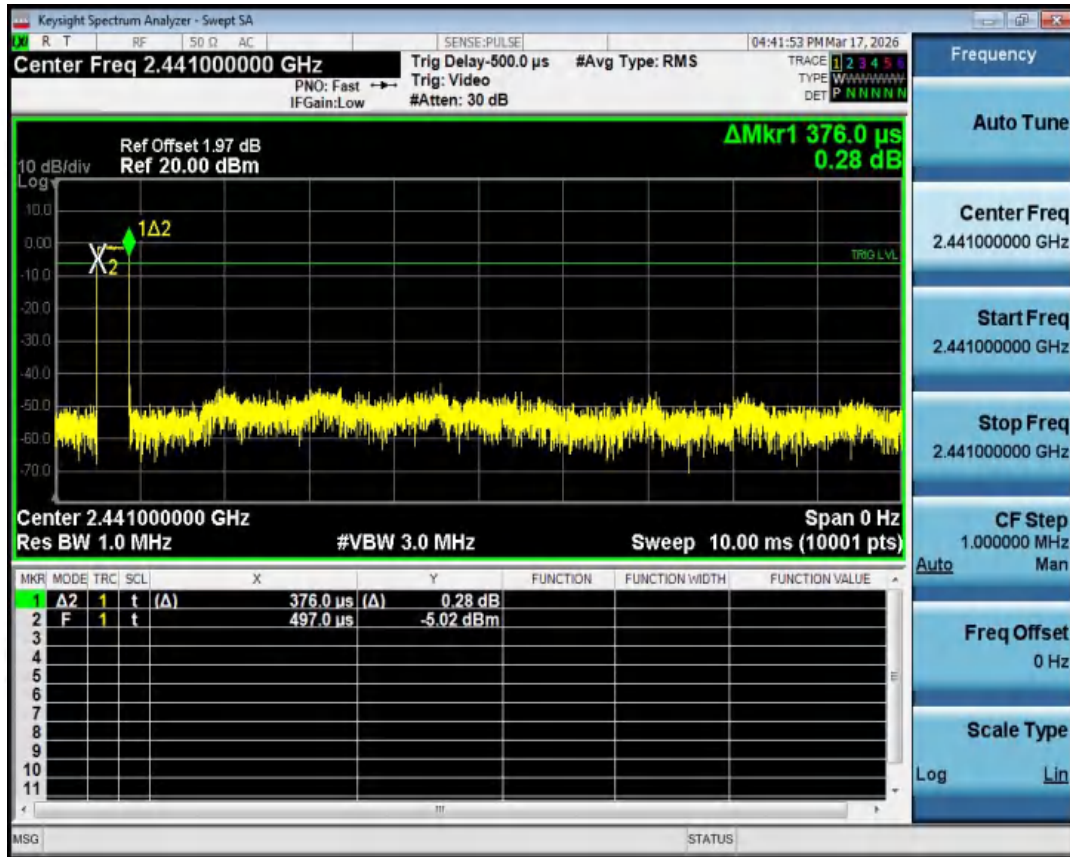
Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission

Dwell Time

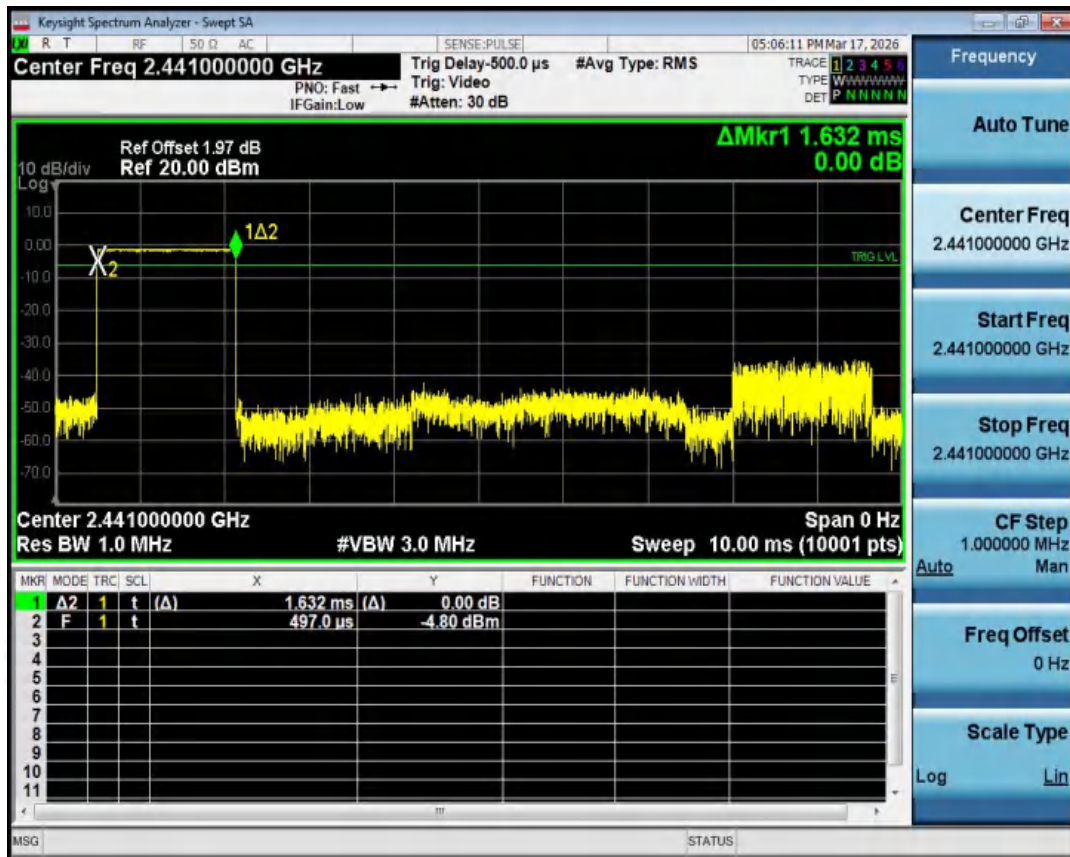
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.376	118.816	316	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.632	259.488	159	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.88	288	100	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.385	124.355	323	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.637	253.735	155	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.885	291.385	101	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.386	121.976	316	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.636	268.304	164	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.887	300.248	104	31600	400	Pass



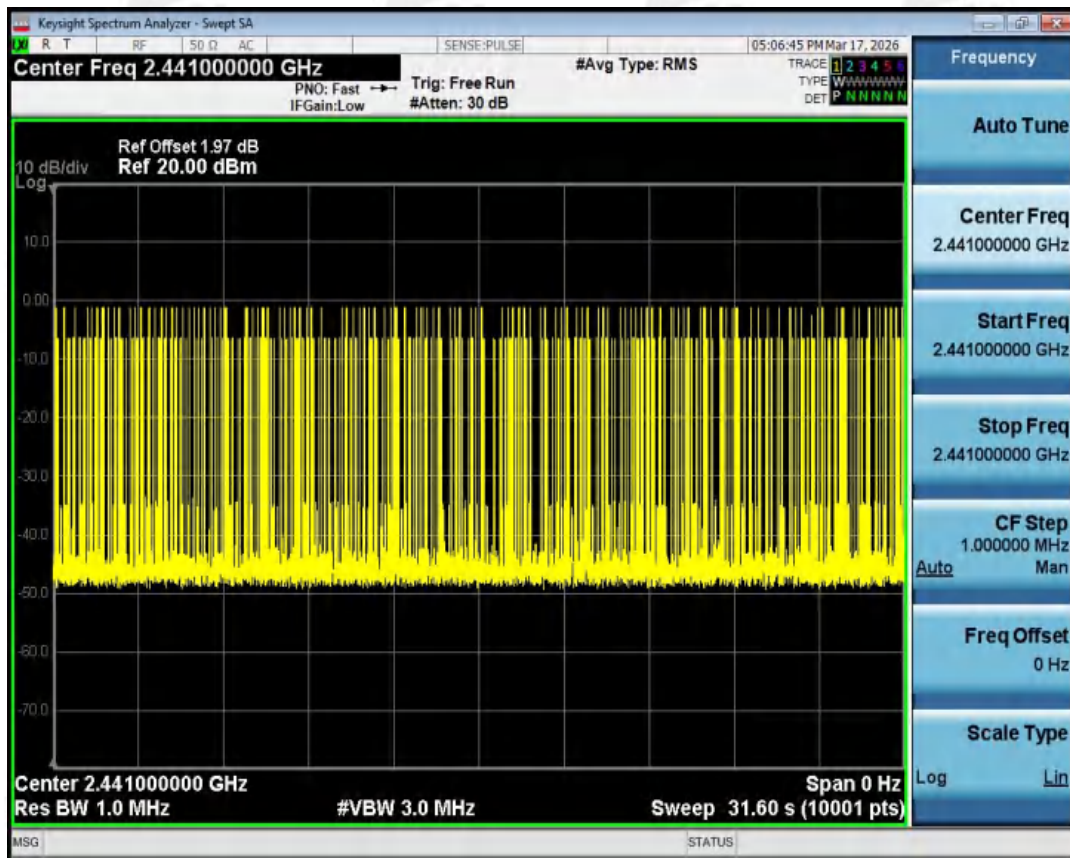
Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



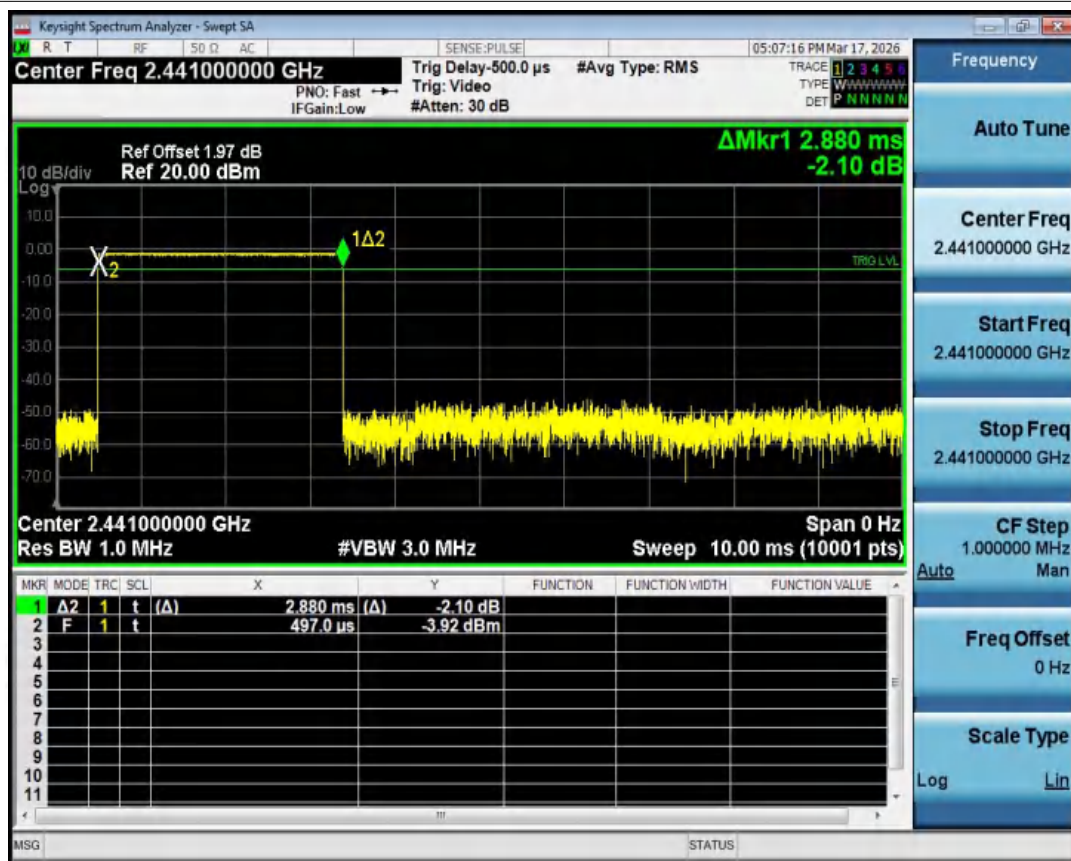
Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



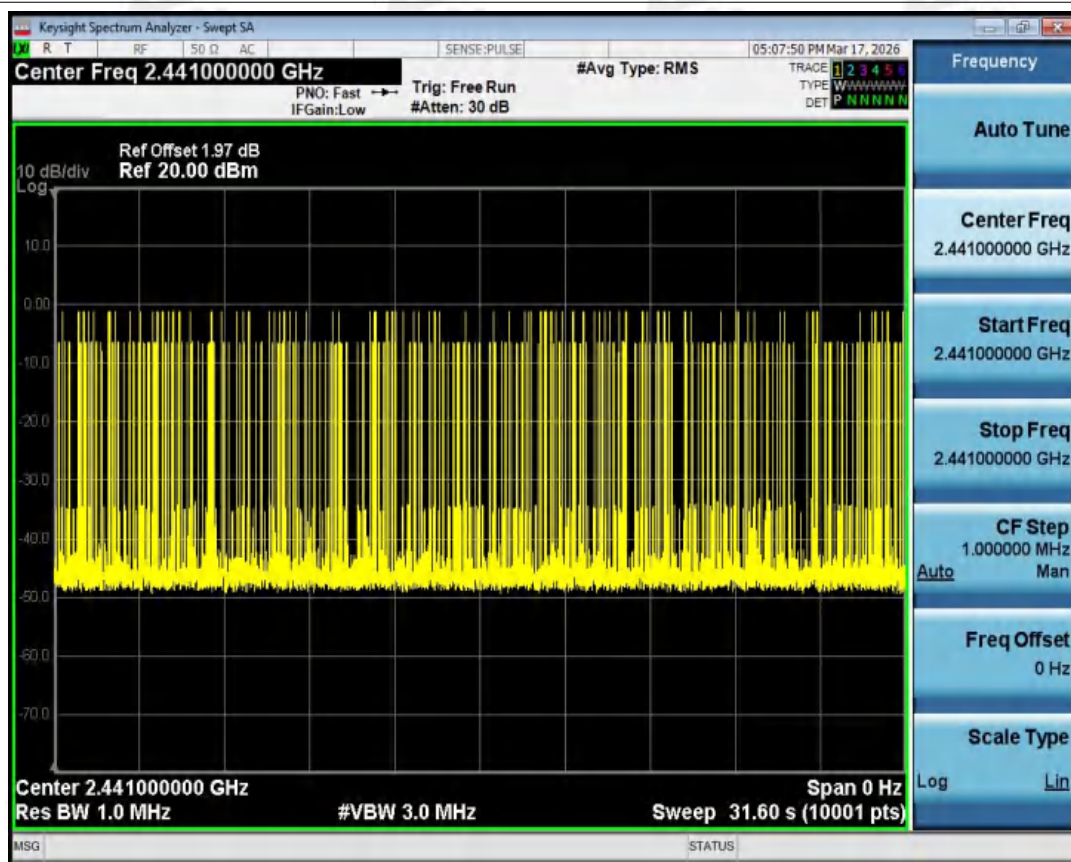
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



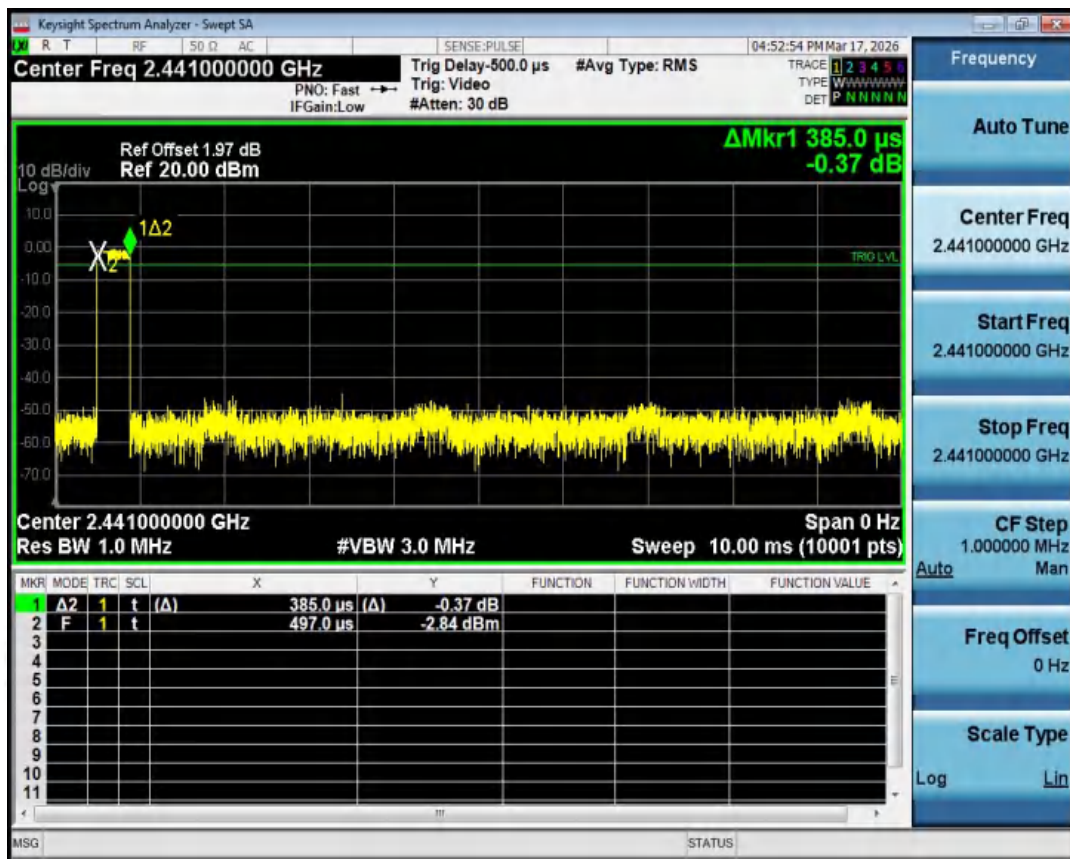
Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



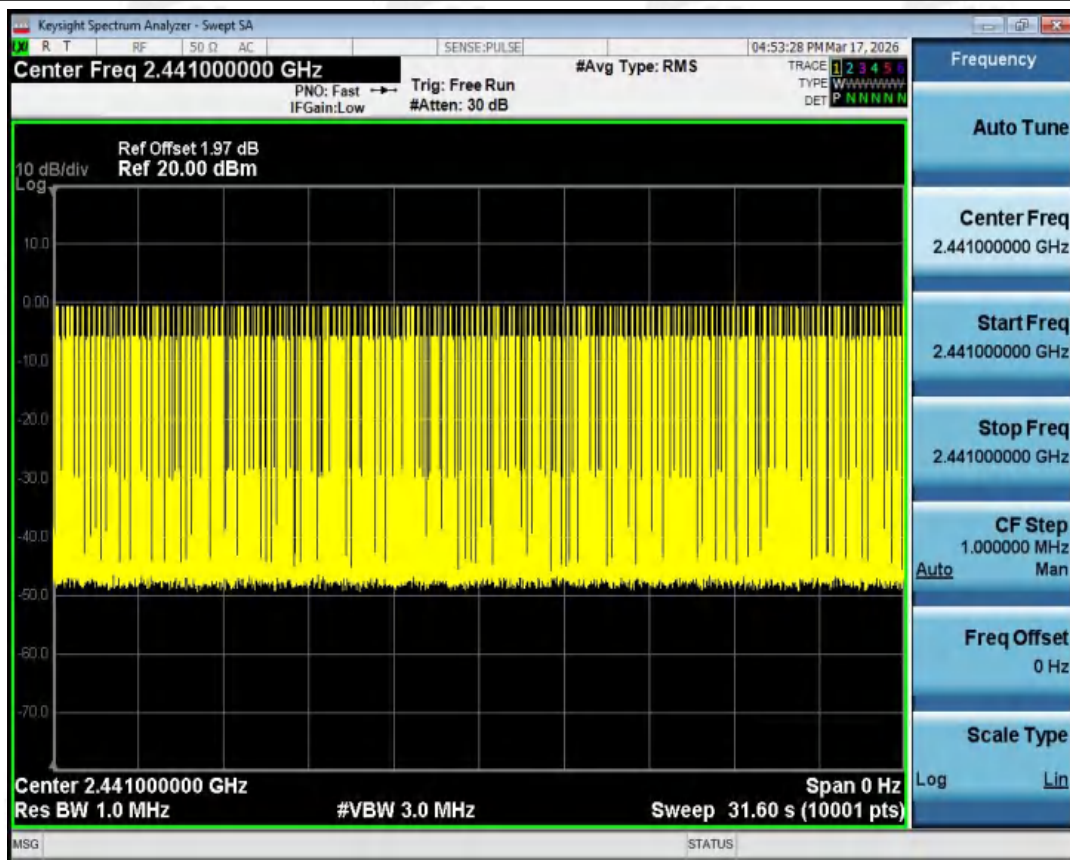
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



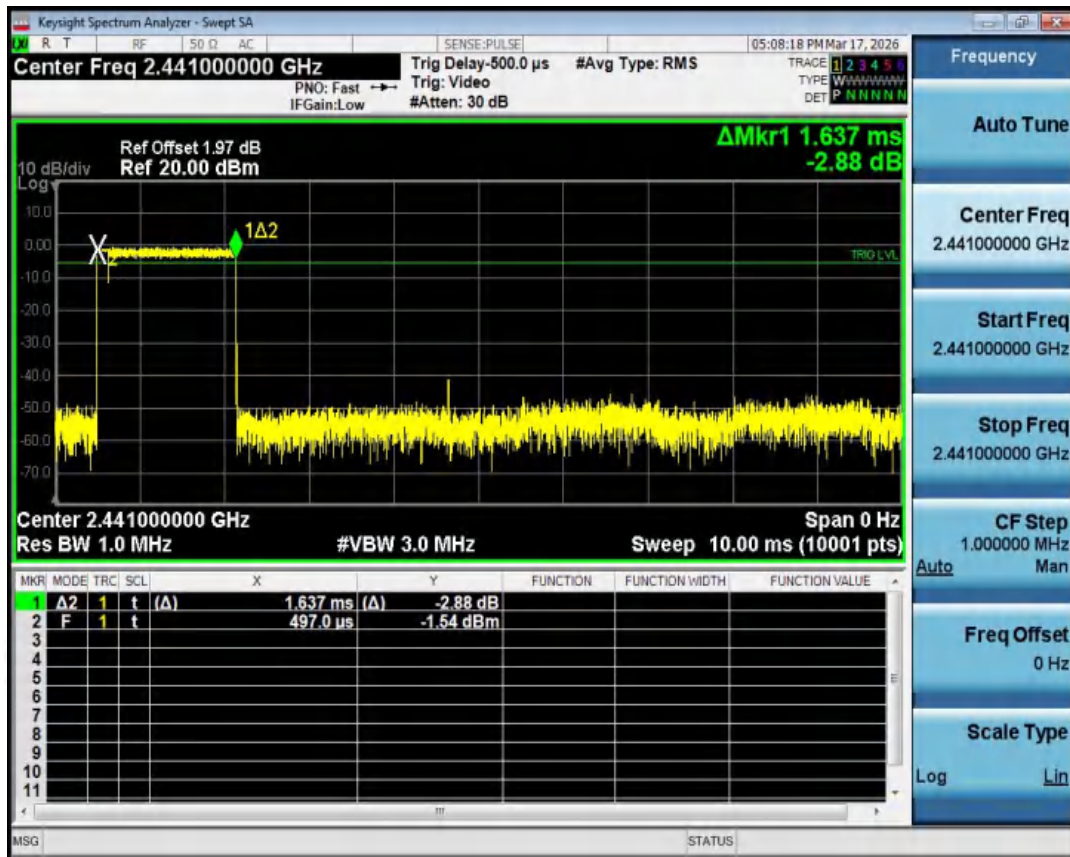
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



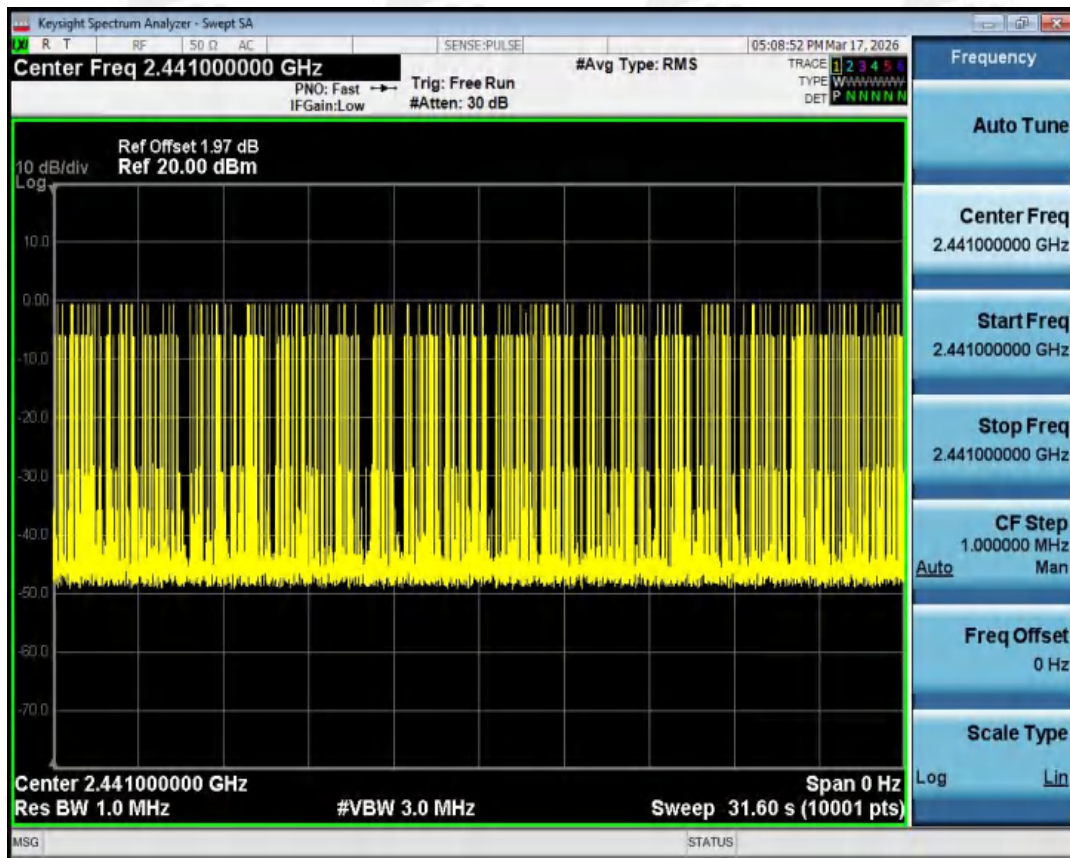
Dwell NVNT 2-DH1 2441MHz Ant1 One Burst



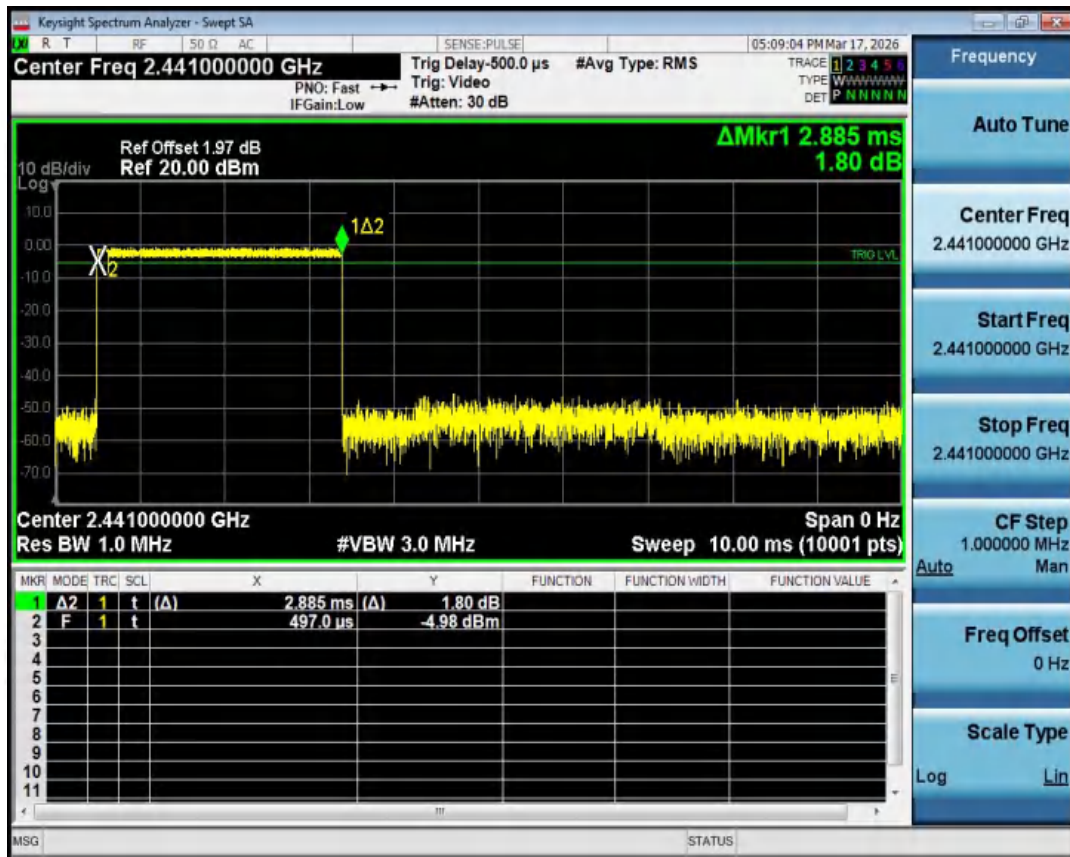
Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



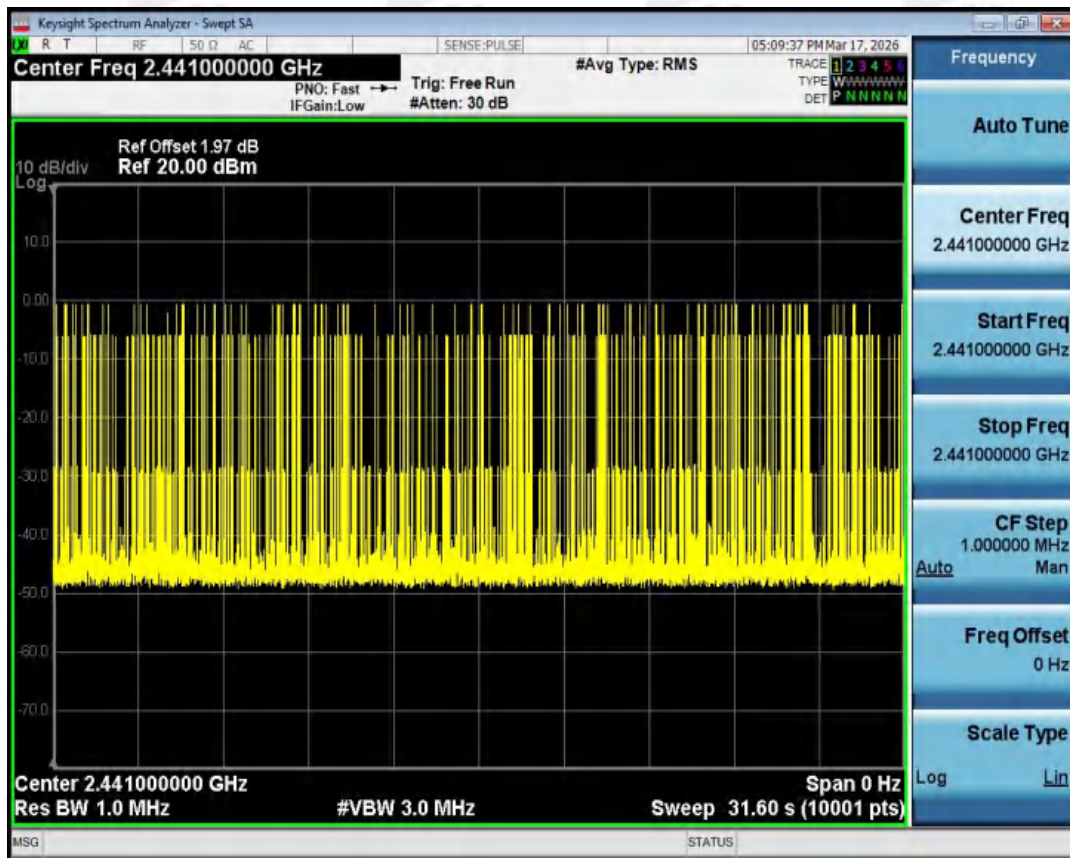
Dwell NVNT 2-DH3 2441MHz Ant1 One Burst



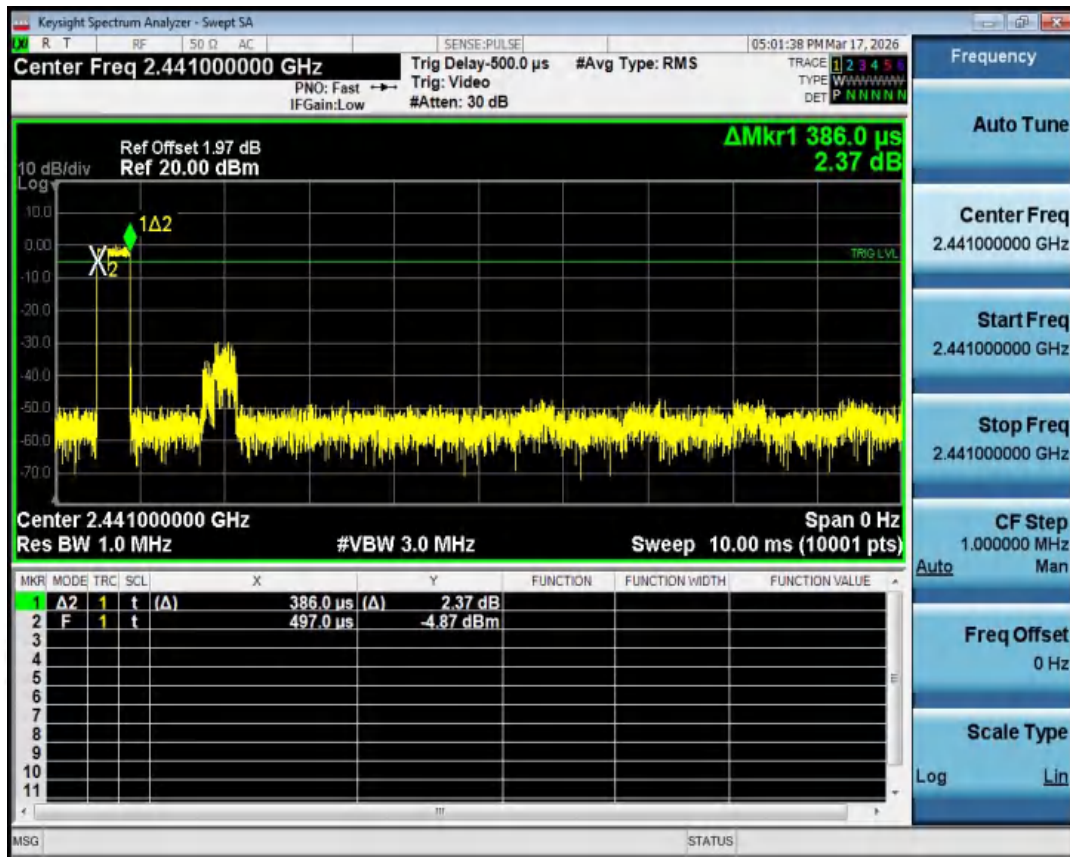
Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



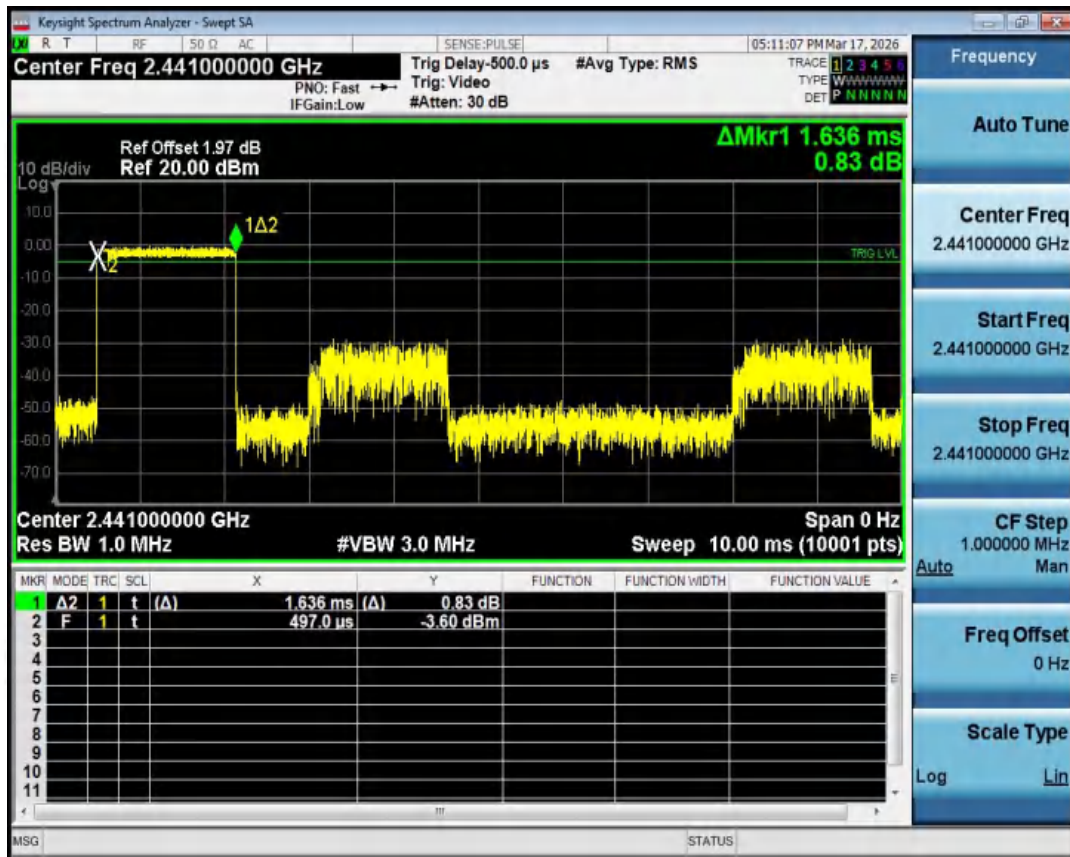
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



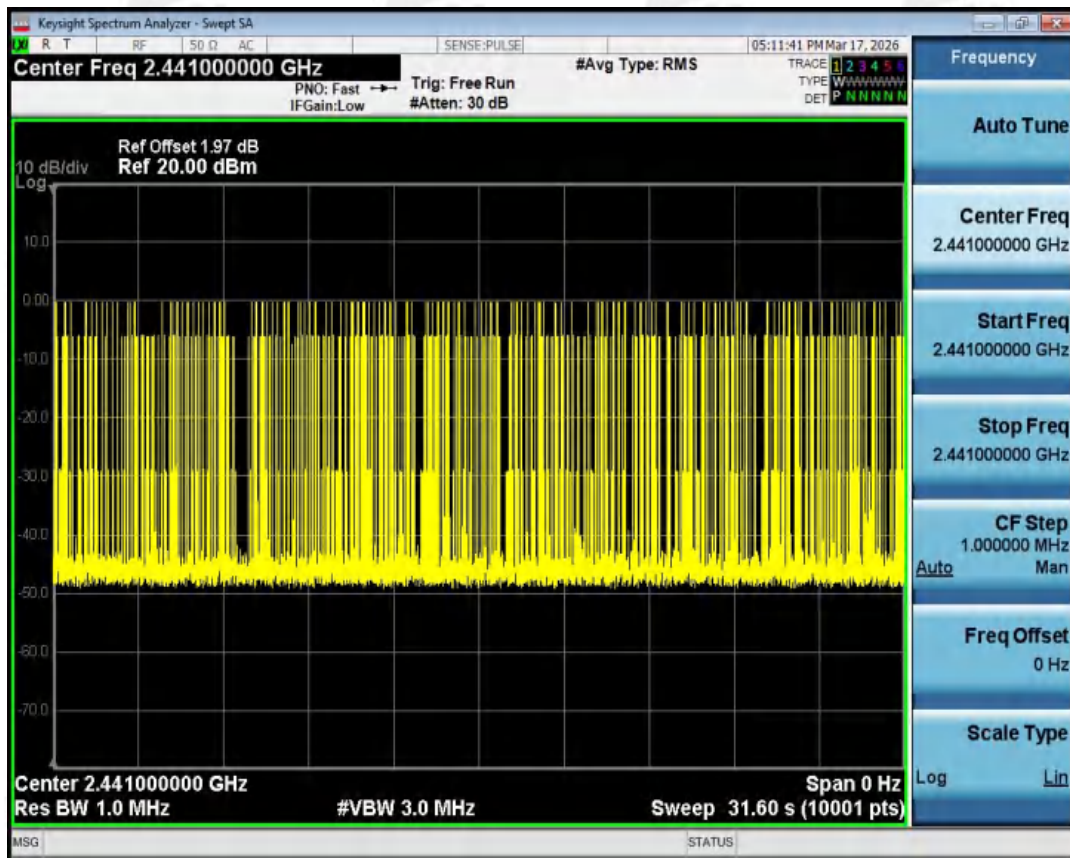
Dwell NVNT 3-DH1 2441MHz Ant1 One Burst



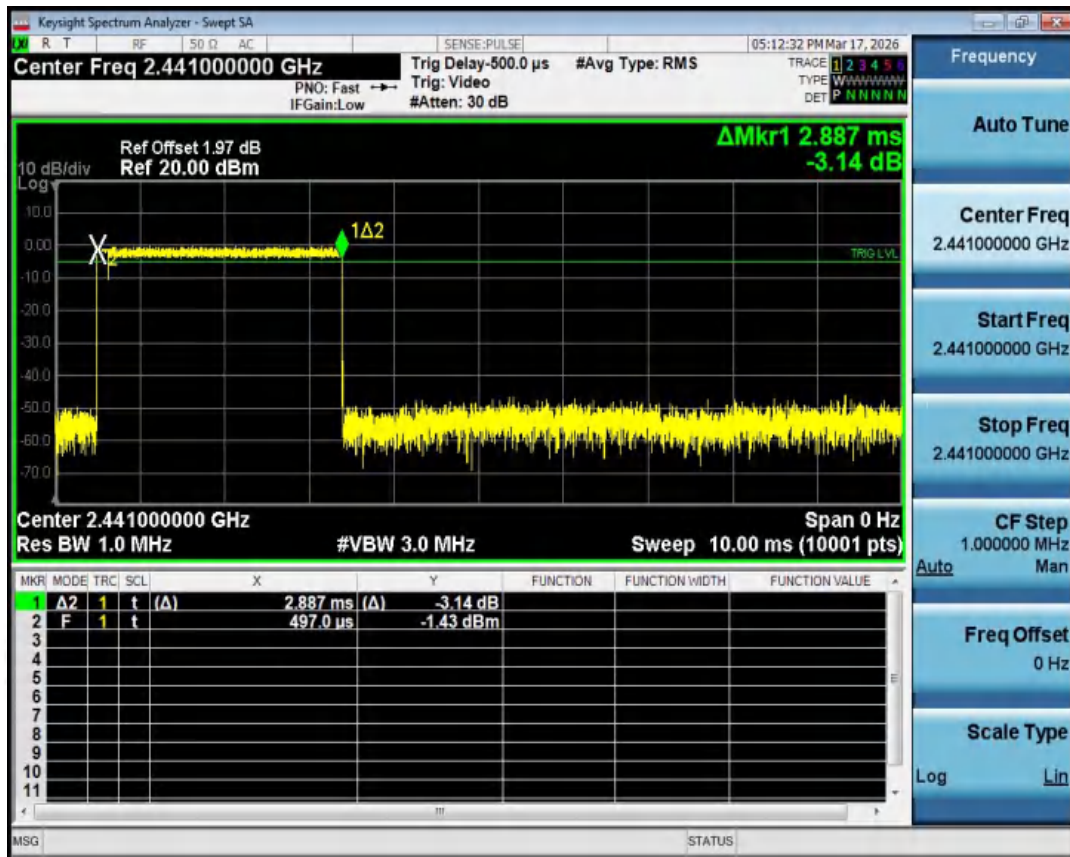
Dwell NVNT 3-DH1 2441MHz Ant1 Accumulated



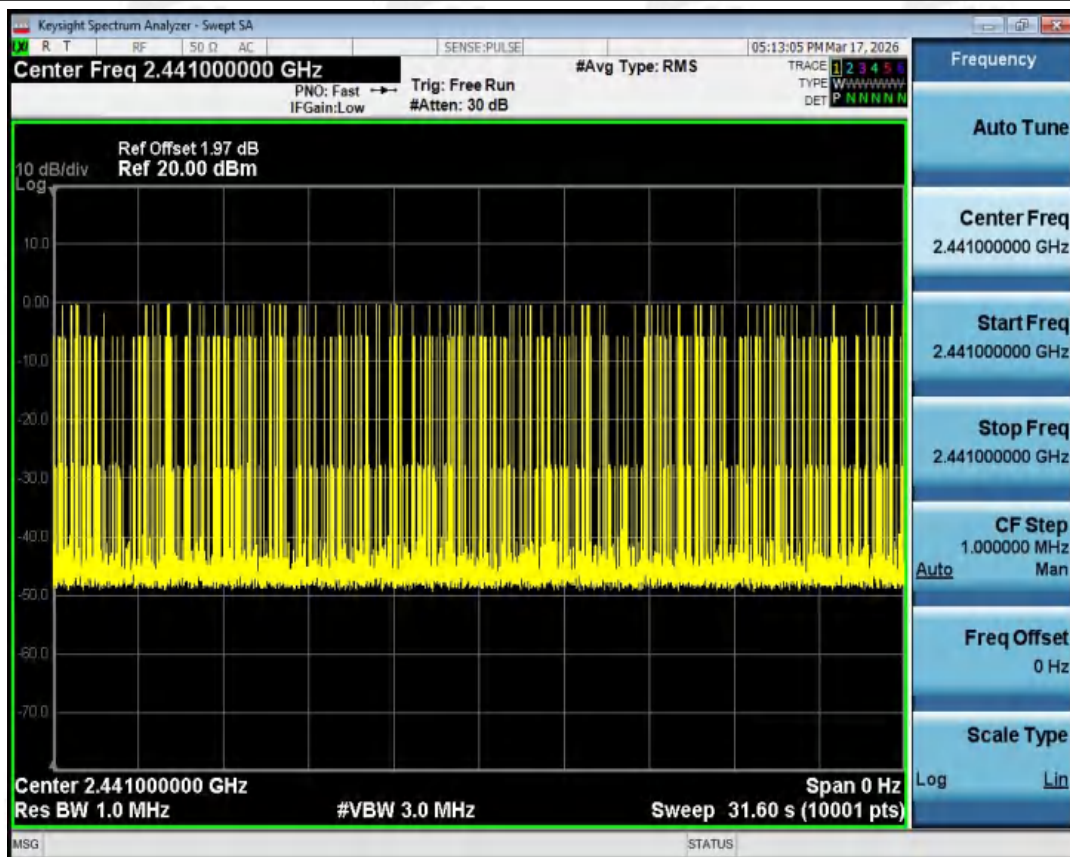
Dwell NVNT 3-DH3 2441MHz Ant1 One Burst



Dwell NVNT 3-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated