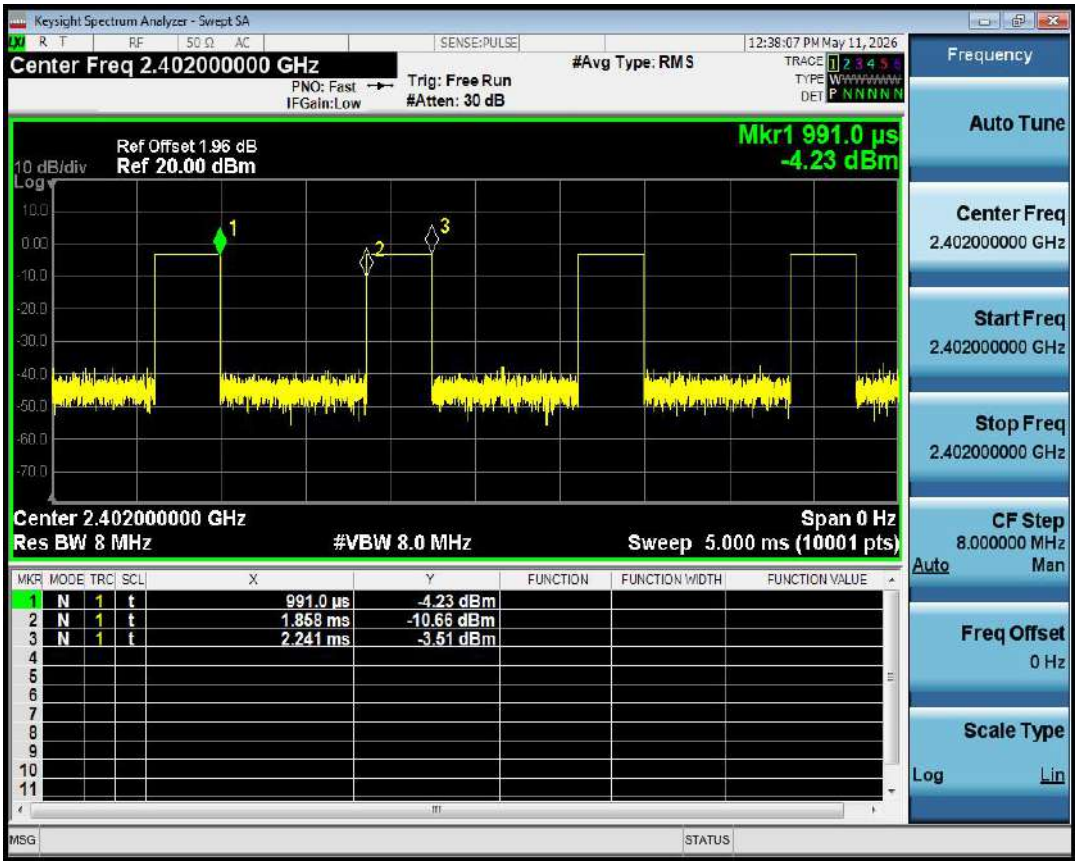
FCC ID:2AZ7M-X62

RF Test Data

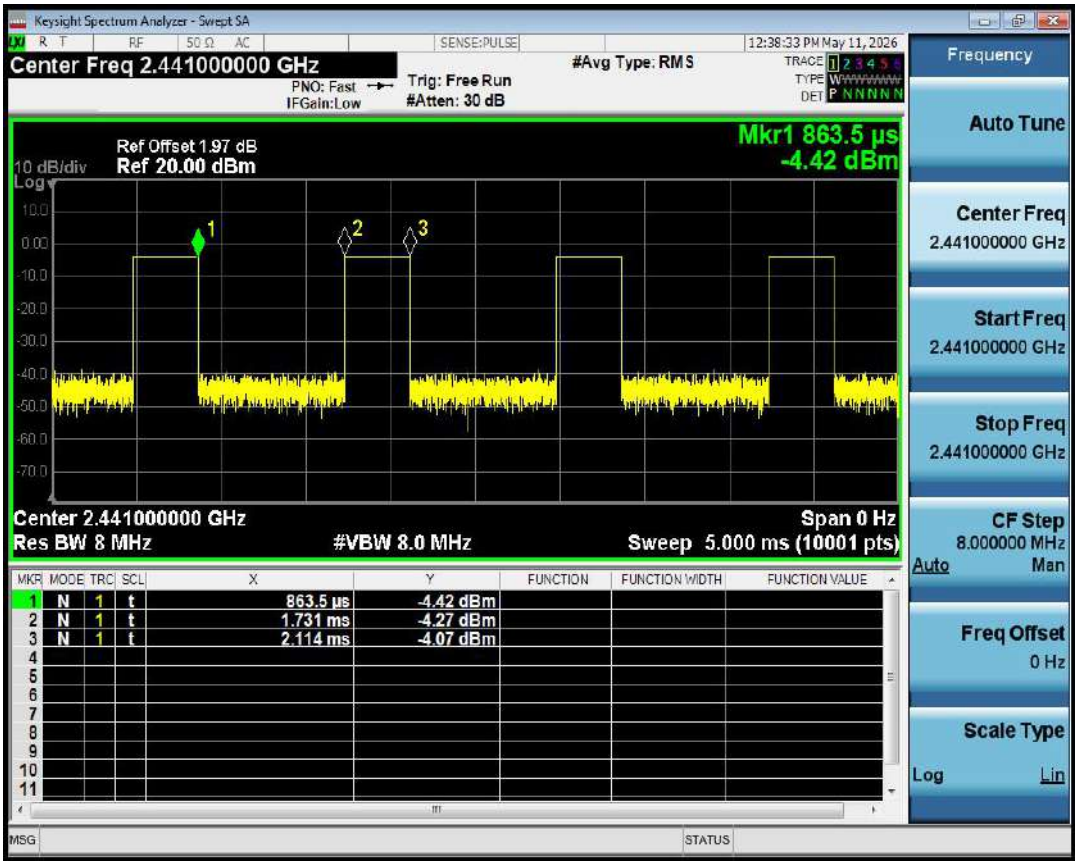
Duty Cycle 2
Maximum Peak Conducted Output Power 8
-20dB Bandwidth 14
Occupied Channel Bandwidth 20
Carrier Frequencies Separation 26
Band Edge 29
Band Edge(Hopping) 36
Conducted RF Spurious Emission 43
Number of Hopping Channel 53
Dwell Time 56

Duty Cycle

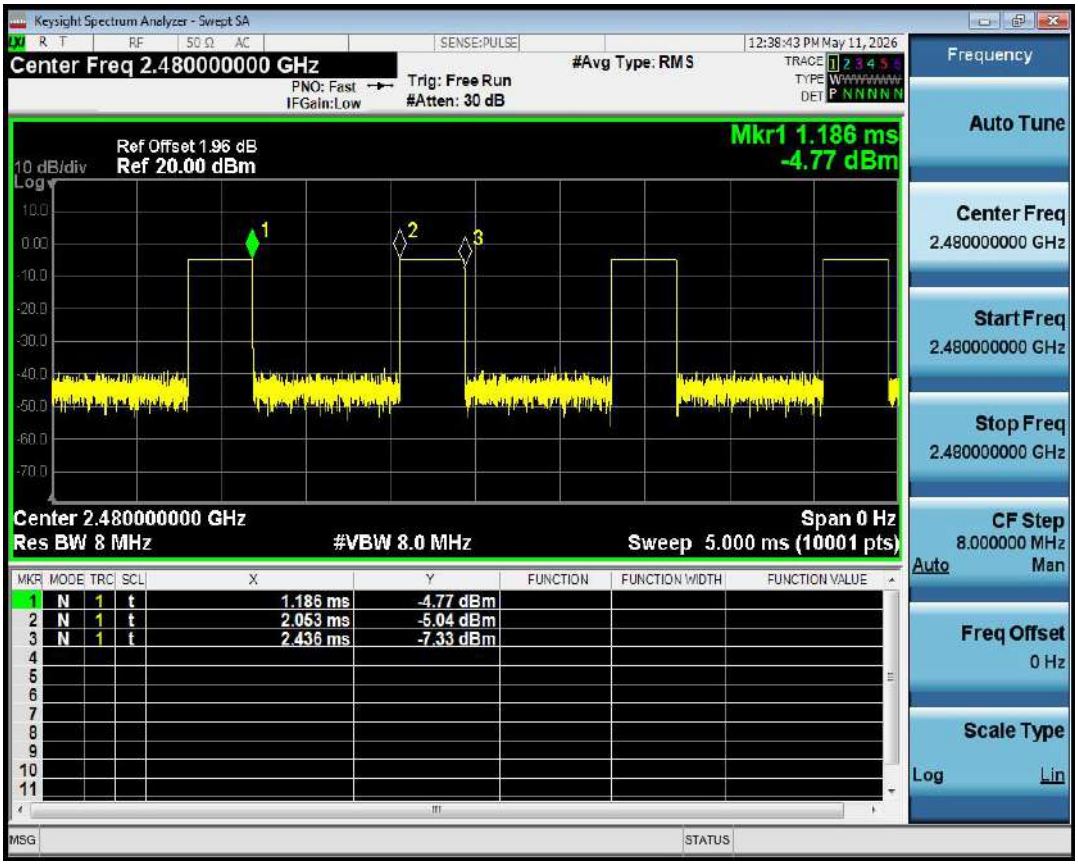
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	30.64	5.14	2.61
NVNT	1-DH1	2441	Ant1	30.6	5.14	2.61
NVNT	1-DH1	2480	Ant1	30.63	5.14	2.61
NVNT	2-DH1	2402	Ant1	31.43	5.03	2.54
NVNT	2-DH1	2441	Ant1	31.44	5.03	2.54
NVNT	2-DH1	2480	Ant1	31.4	5.03	2.55
NVNT	3-DH1	2402	Ant1	31.52	5.01	2.54
NVNT	3-DH1	2441	Ant1	31.48	5.02	2.54
NVNT	3-DH1	2480	Ant1	31.51	5.02	2.54



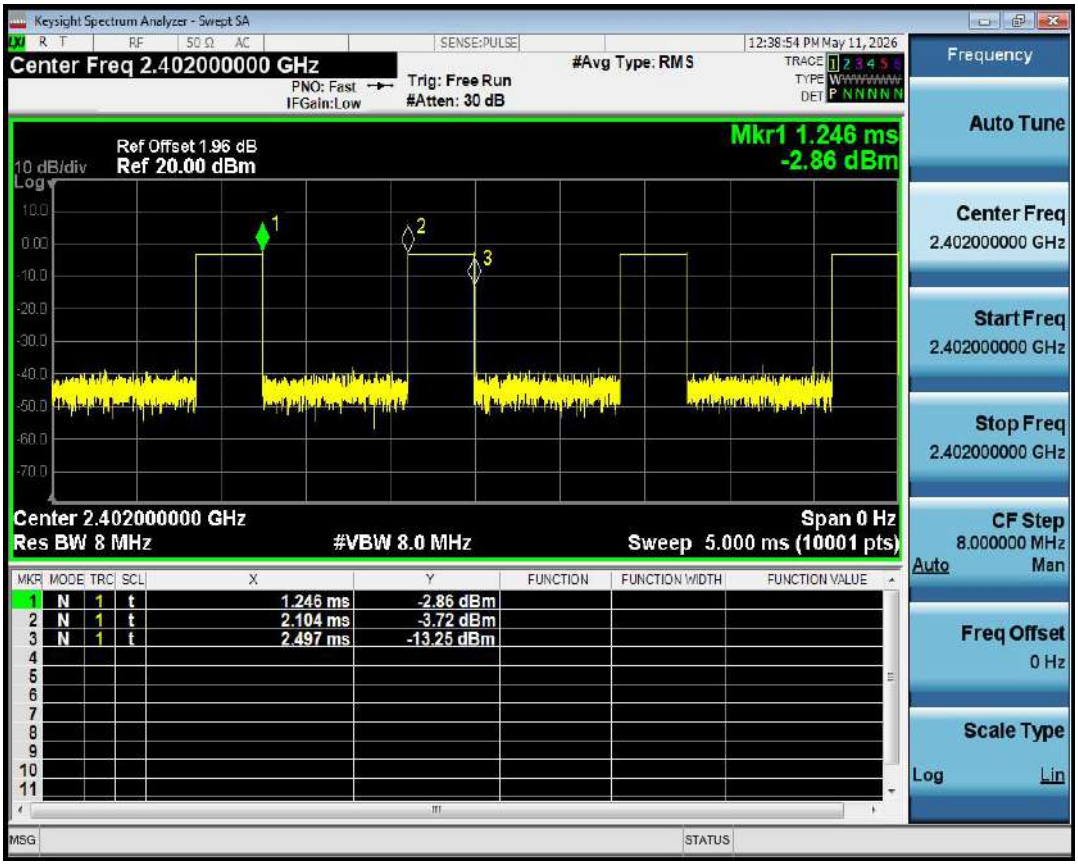
Duty Cycle NVNT 1-DH1 2402MHz Ant1



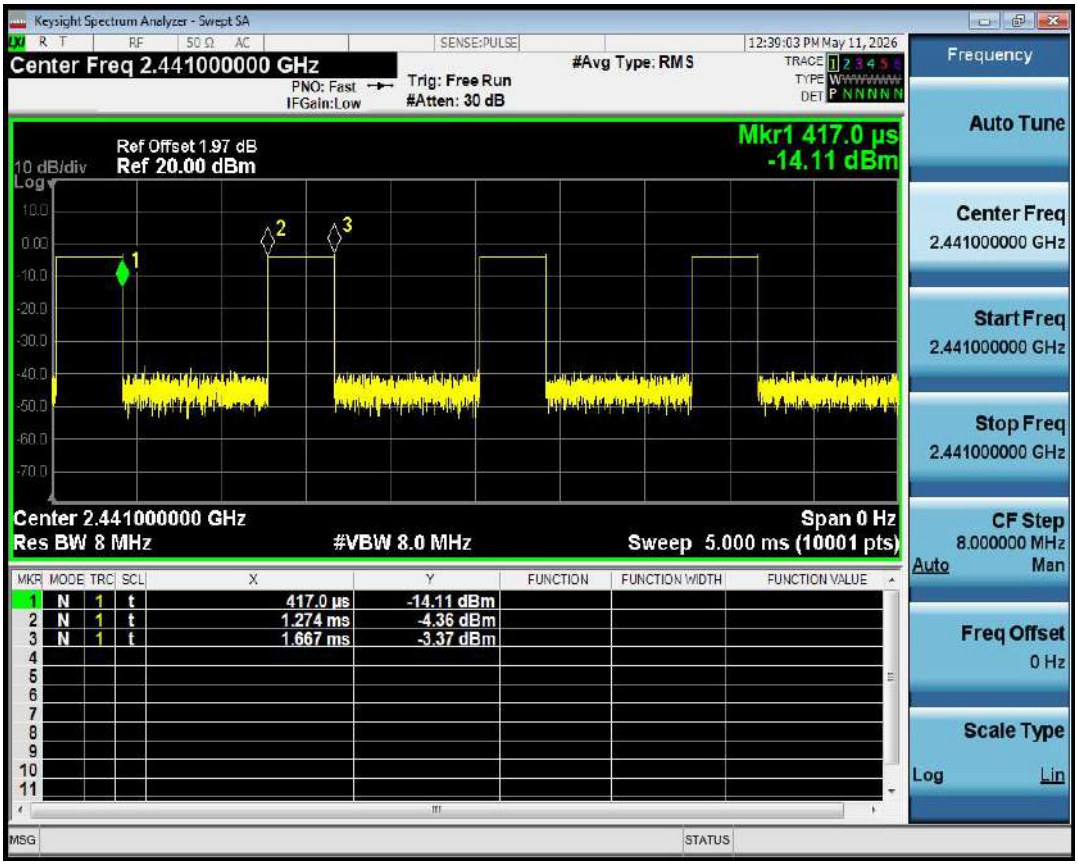
Duty Cycle NVNT 1-DH1 2441MHz Ant1



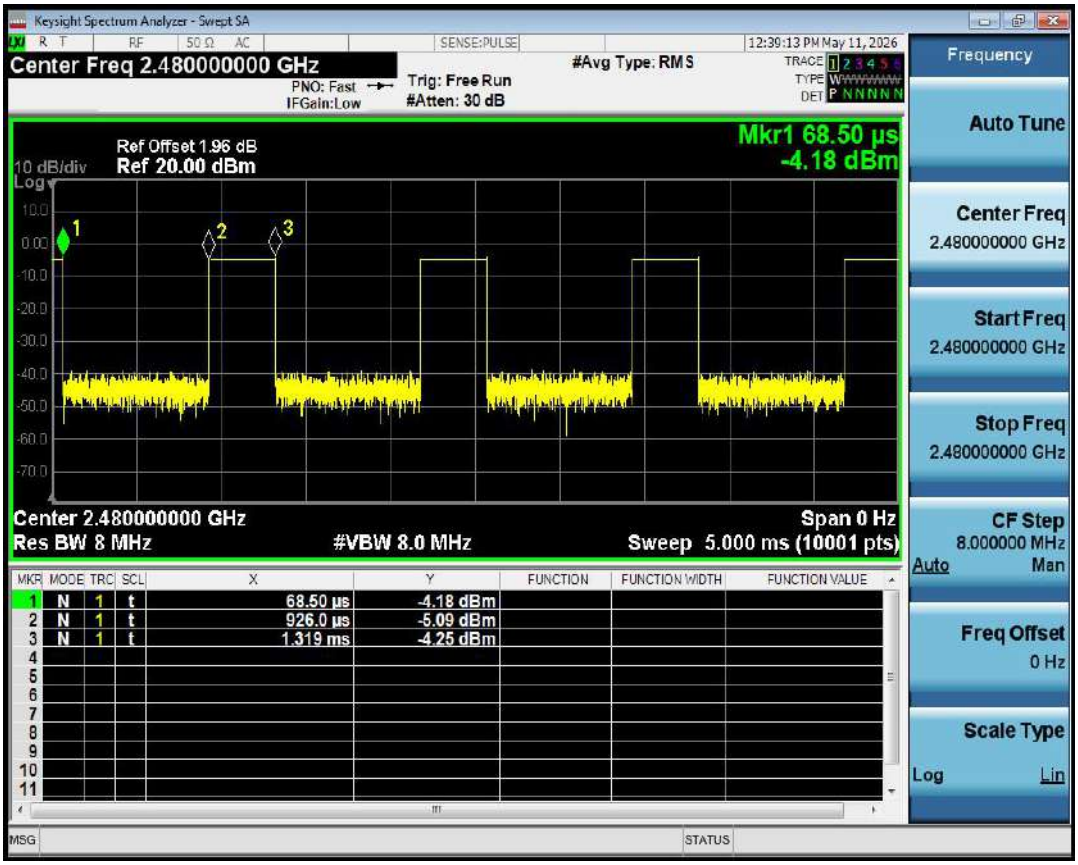
Duty Cycle NVNT 1-DH1 2480MHz Ant1



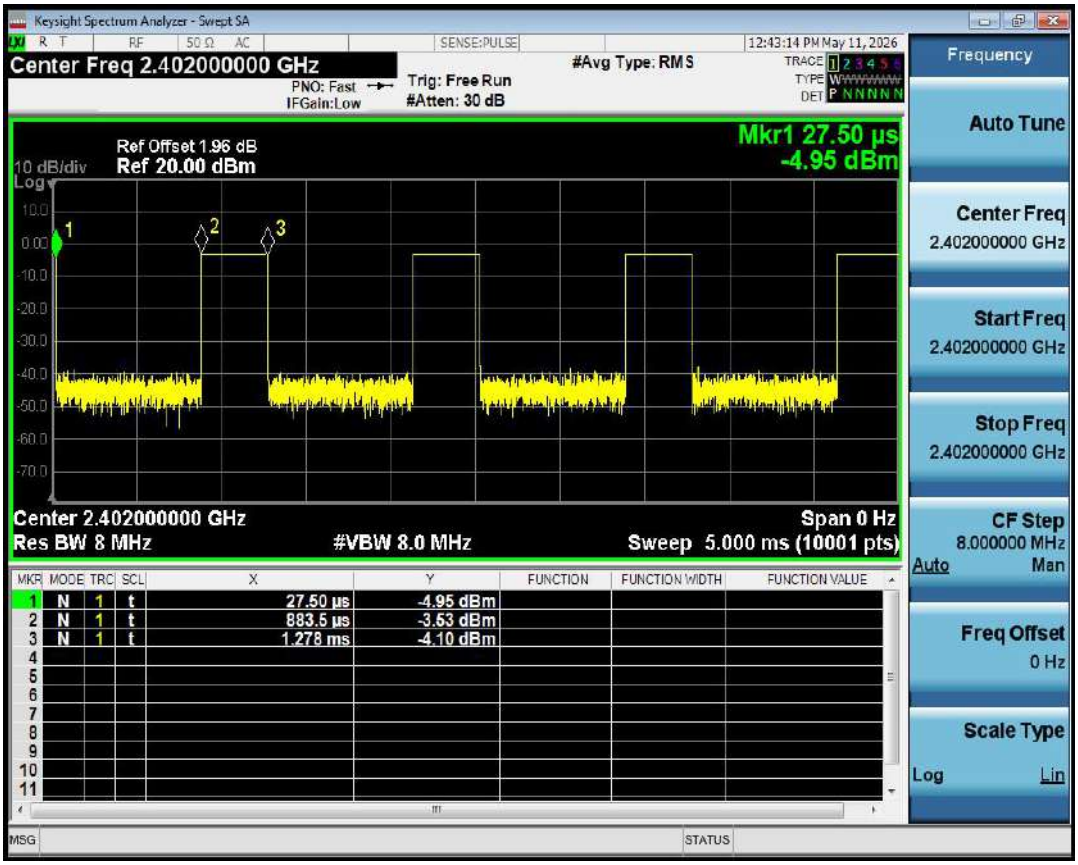
Duty Cycle NVNT 2-DH1 2402MHz Ant1



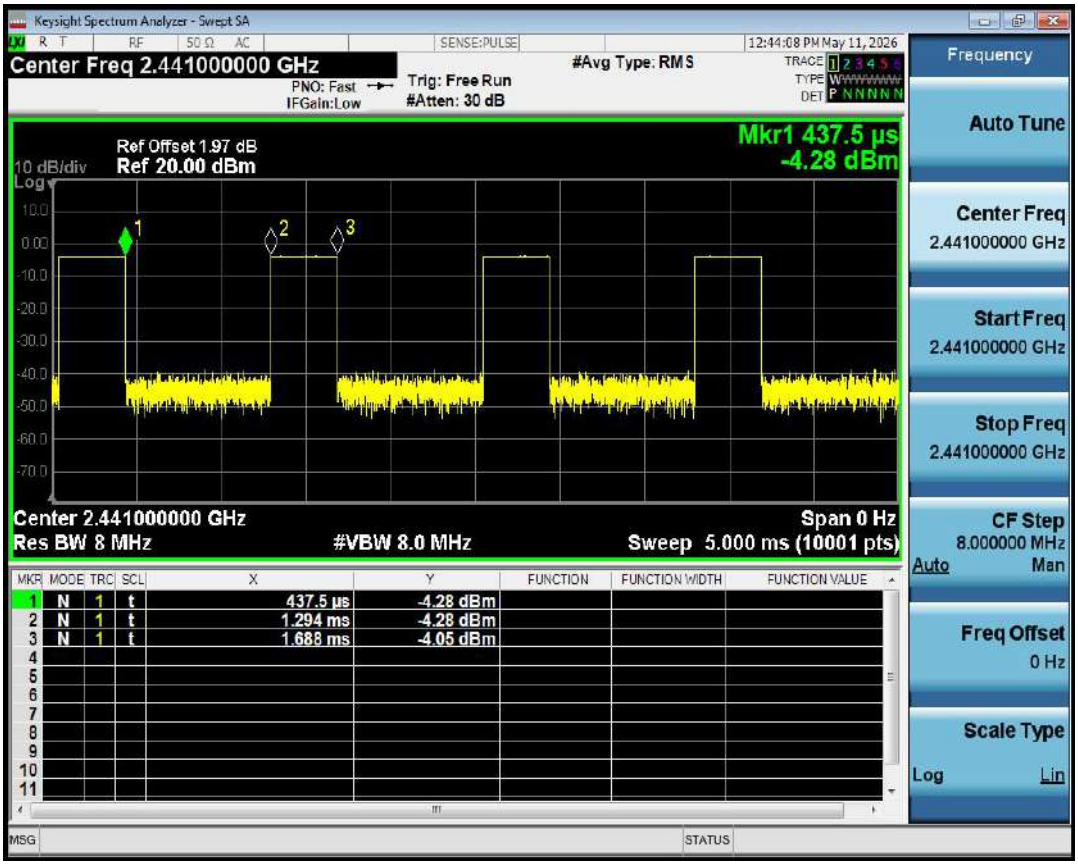
Duty Cycle NVNT 2-DH1 2441MHz Ant1



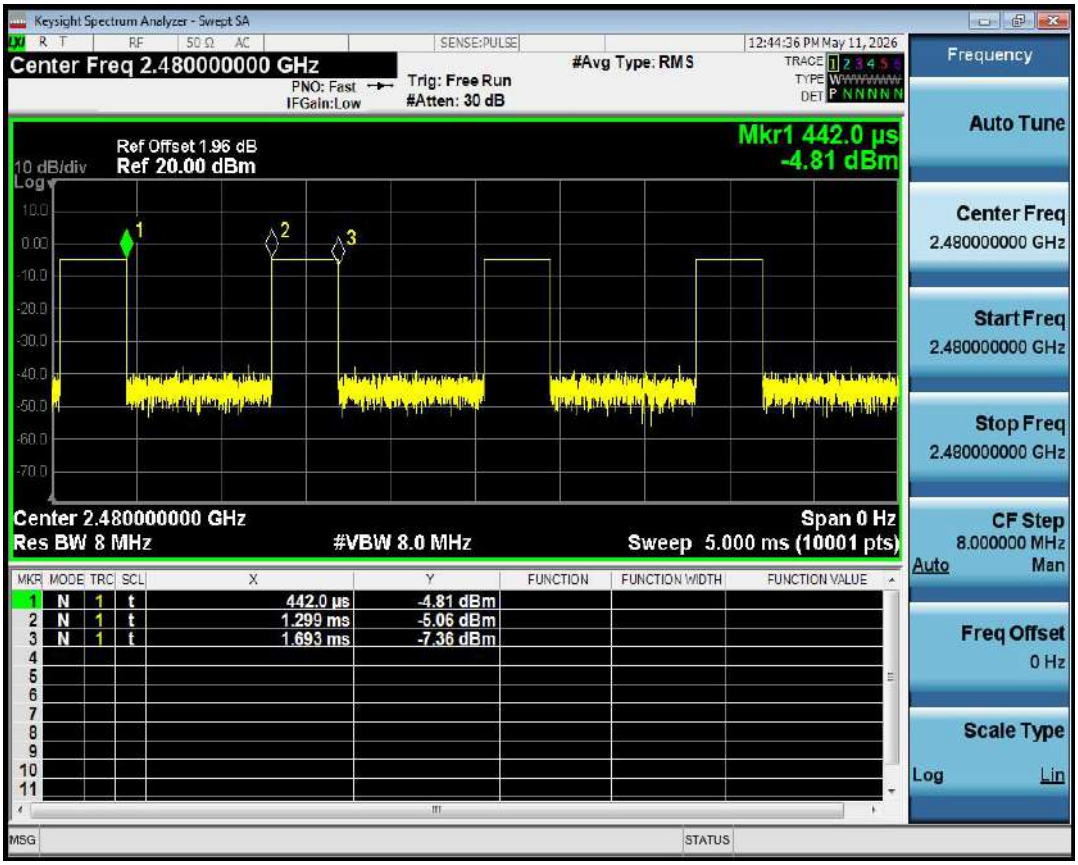
Duty Cycle NVNT 2-DH1 2480MHz Ant1



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 (W)	Limit Conducted(dBm)	Verdict
NVNT	1-DH1	2402	Ant1	-2.3	0.00059	21	Pass
NVNT	1-DH1	2441	Ant1	-2.99	0.0005	21	Pass
NVNT	1-DH1	2480	Ant1	-3.83	0.00041	21	Pass
NVNT	2-DH1	2402	Ant1	-1.5	0.00071	21	Pass
NVNT	2-DH1	2441	Ant1	-2.18	0.00061	21	Pass
NVNT	2-DH1	2480	Ant1	-2.98	0.0005	21	Pass
NVNT	3-DH1	2402	Ant1	-0.89	0.00081	21	Pass
NVNT	3-DH1	2441	Ant1	-1.67	0.00068	21	Pass
NVNT	3-DH1	2480	Ant1	-2.38	0.00058	21	Pass

Peak Power NVNT 1-DH1 2402MHz Ant1

Peak Power NVNT 1-DH1 2441MHz Ant1

Peak Power NVNT 1-DH1 2480MHz Ant1

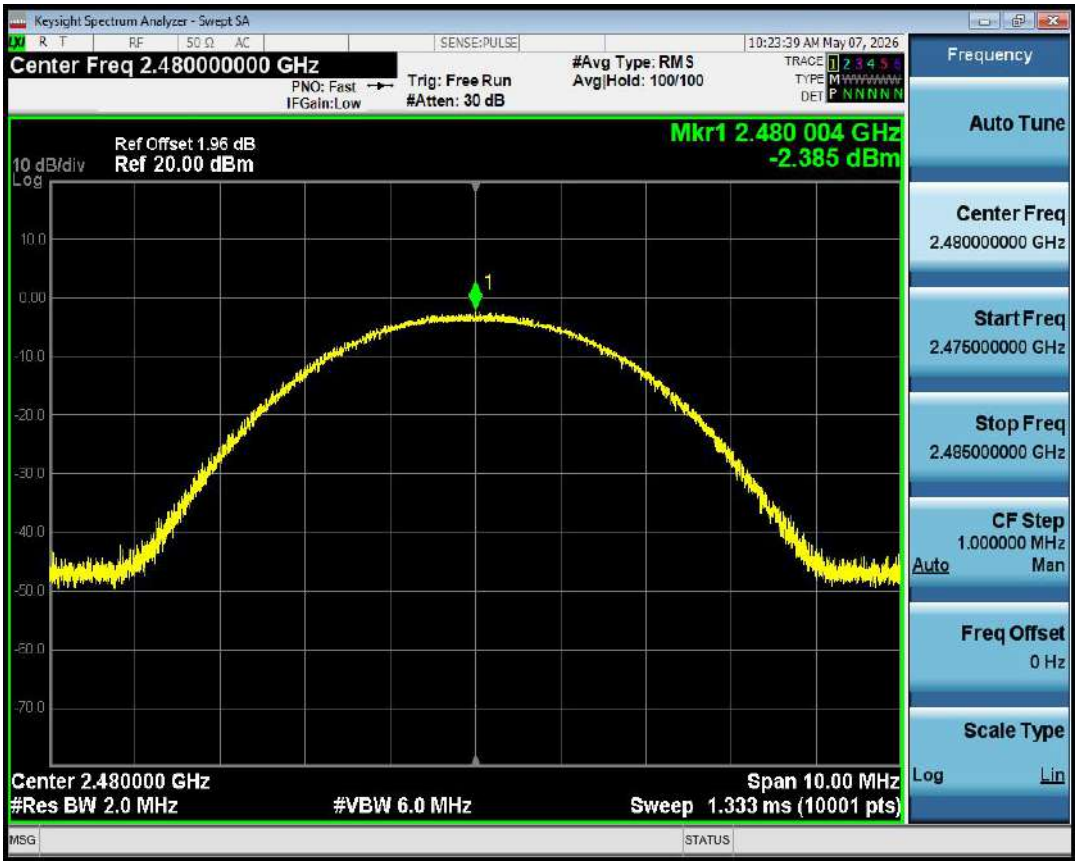
Peak Power NVNT 2-DH1 2402MHz Ant1

Peak Power NVNT 2-DH1 2441MHz Ant1

Peak Power NVNT 2-DH1 2480MHz Ant1

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)	Verdict
NVNT	1-DH1	2402	Ant1	0.9146	Pass
NVNT	1-DH1	2441	Ant1	0.9268	Pass
NVNT	1-DH1	2480	Ant1	0.9948	Pass
NVNT	2-DH1	2402	Ant1	1.26	Pass
NVNT	2-DH1	2441	Ant1	1.25	Pass
NVNT	2-DH1	2480	Ant1	1.251	Pass
NVNT	3-DH1	2402	Ant1	1.245	Pass
NVNT	3-DH1	2441	Ant1	1.246	Pass
NVNT	3-DH1	2480	Ant1	1.265	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	0.90687
NVNT	1-DH1	2441	Ant1	0.85608
NVNT	1-DH1	2480	Ant1	0.87543
NVNT	2-DH1	2402	Ant1	1.1664
NVNT	2-DH1	2441	Ant1	1.164
NVNT	2-DH1	2480	Ant1	1.178
NVNT	3-DH1	2402	Ant1	1.1612
NVNT	3-DH1	2441	Ant1	1.1687
NVNT	3-DH1	2480	Ant1	1.1716

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	2402.004	2403	0.996	0.61	Pass
NVNT	1-DH1	Ant1	2441.002	2441.848	0.846	0.618	Pass
NVNT	2-DH1	Ant1	2440.846	2441.846	1	0.833	Pass
NVNT	3-DH1	Ant1	2440.85	2441.844	0.994	0.831	Pass

CFS NVNT 1-DH1 2402MHz Ant1

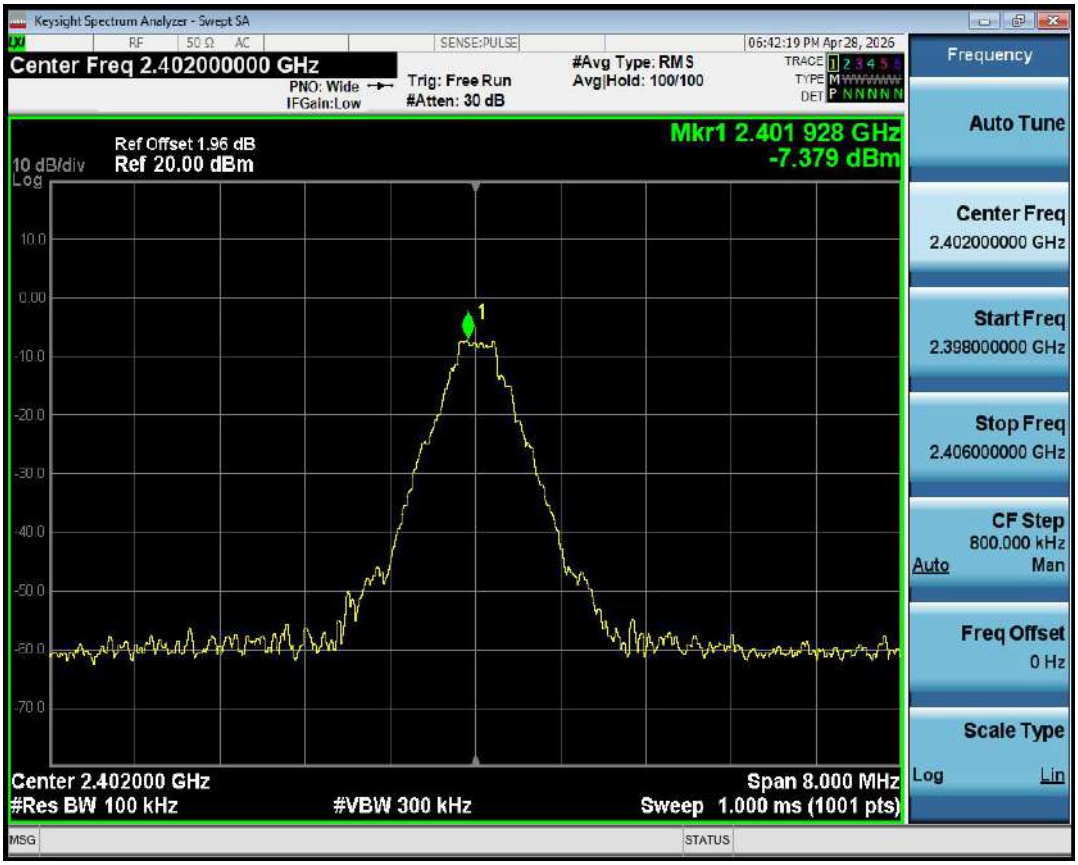
CFS NVNT 1-DH1 2441MHz Ant1

CFS NVNT 2-DH1 2441MHz Ant1

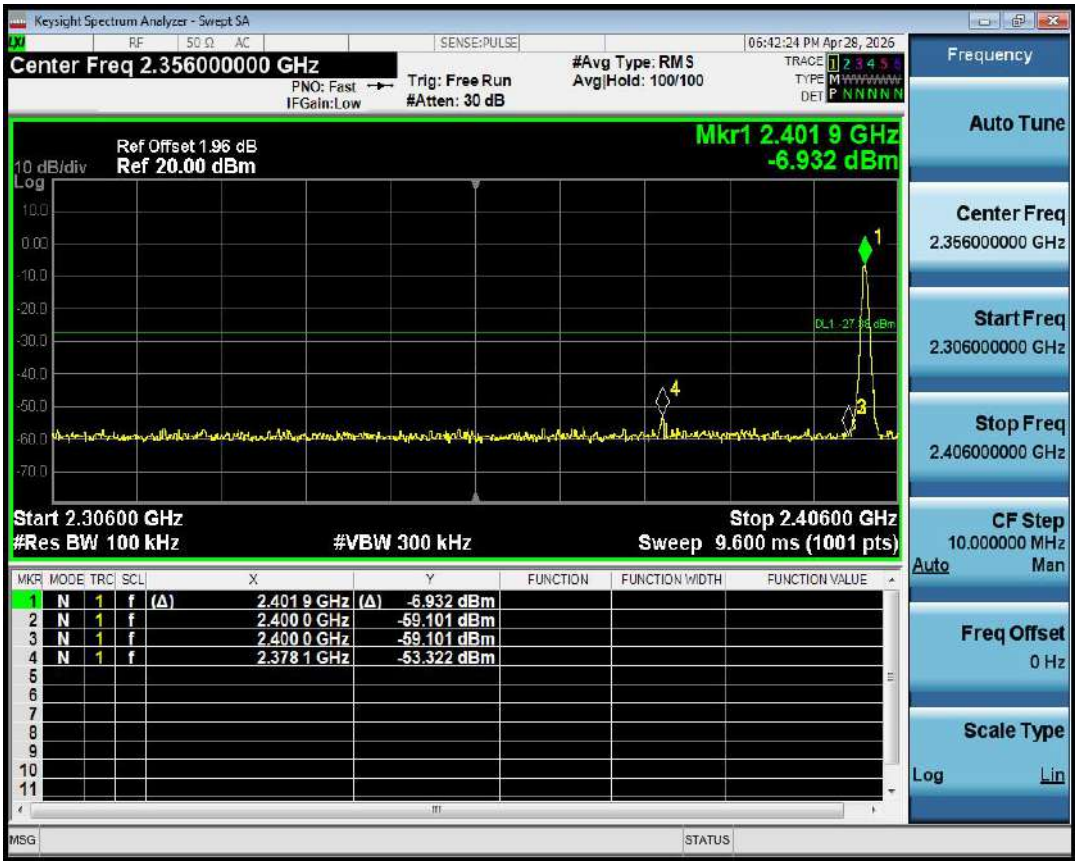
CFS NVNT 3-DH1 2441MHz Ant1

Band Edge

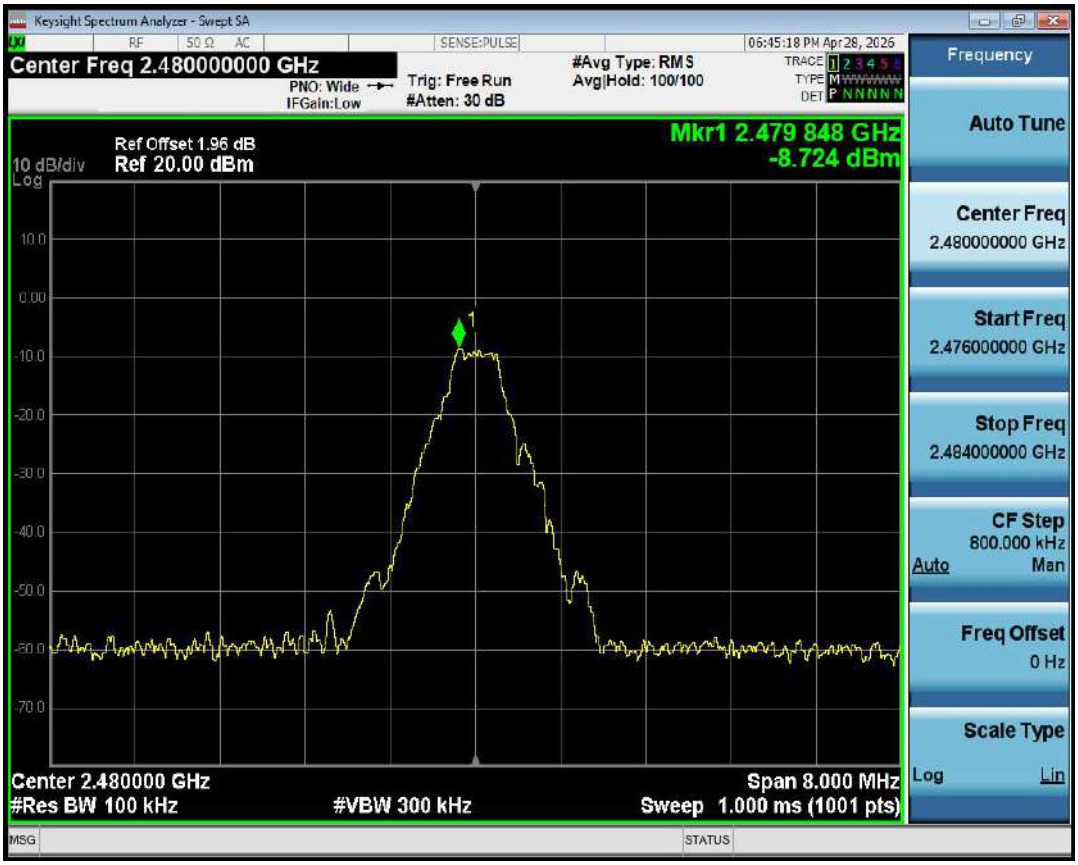
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-45.94	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-47.33	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-47.77	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-48.27	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-47.34	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-46.07	-20	Pass



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



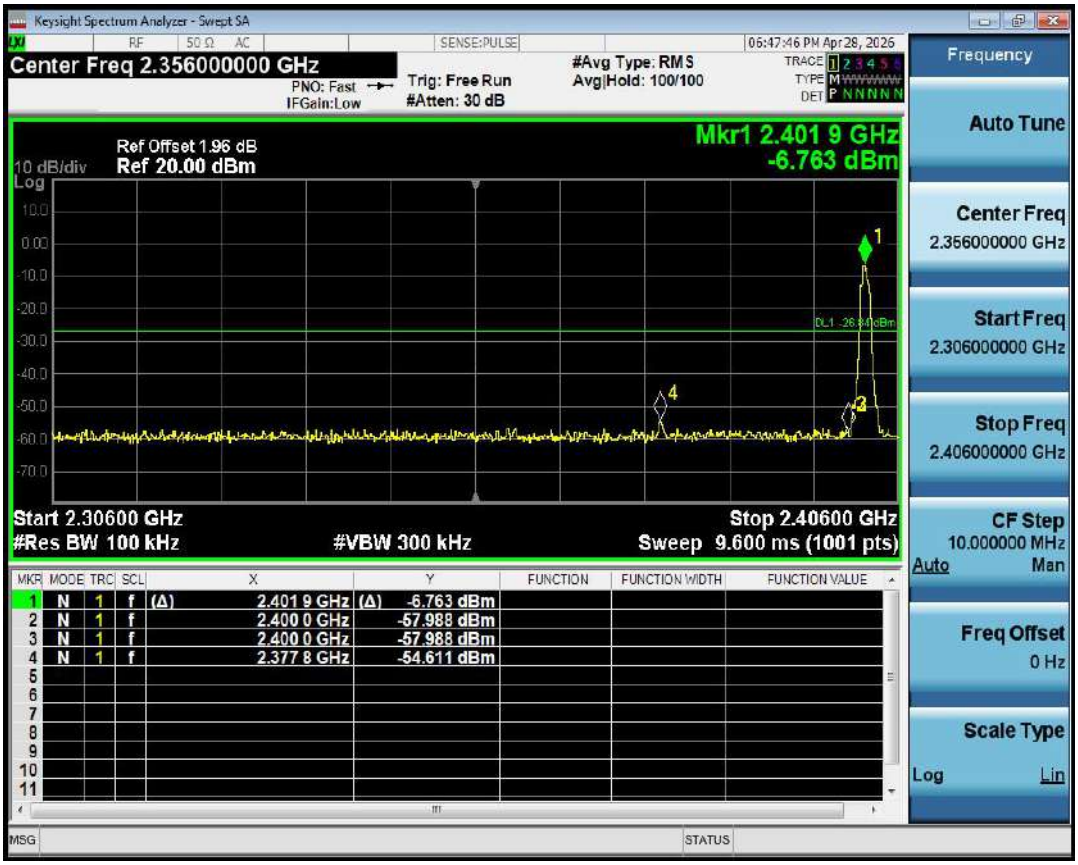
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



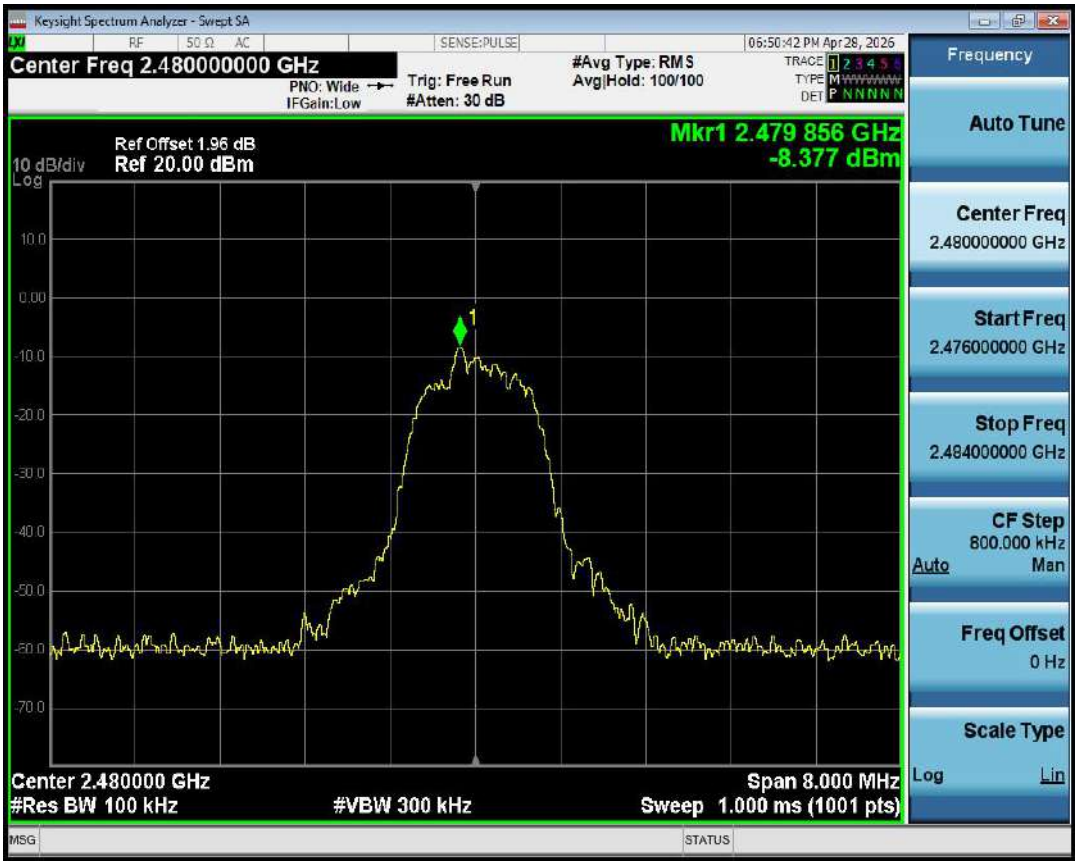
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref

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

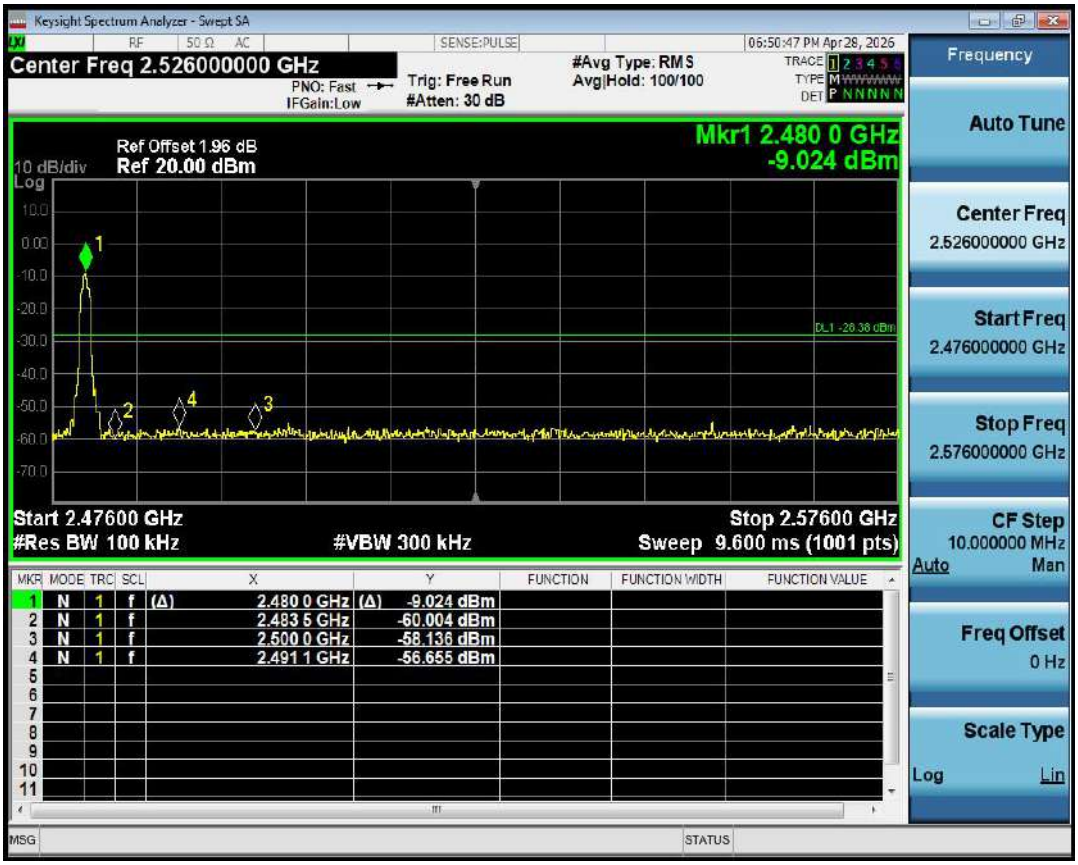
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



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