

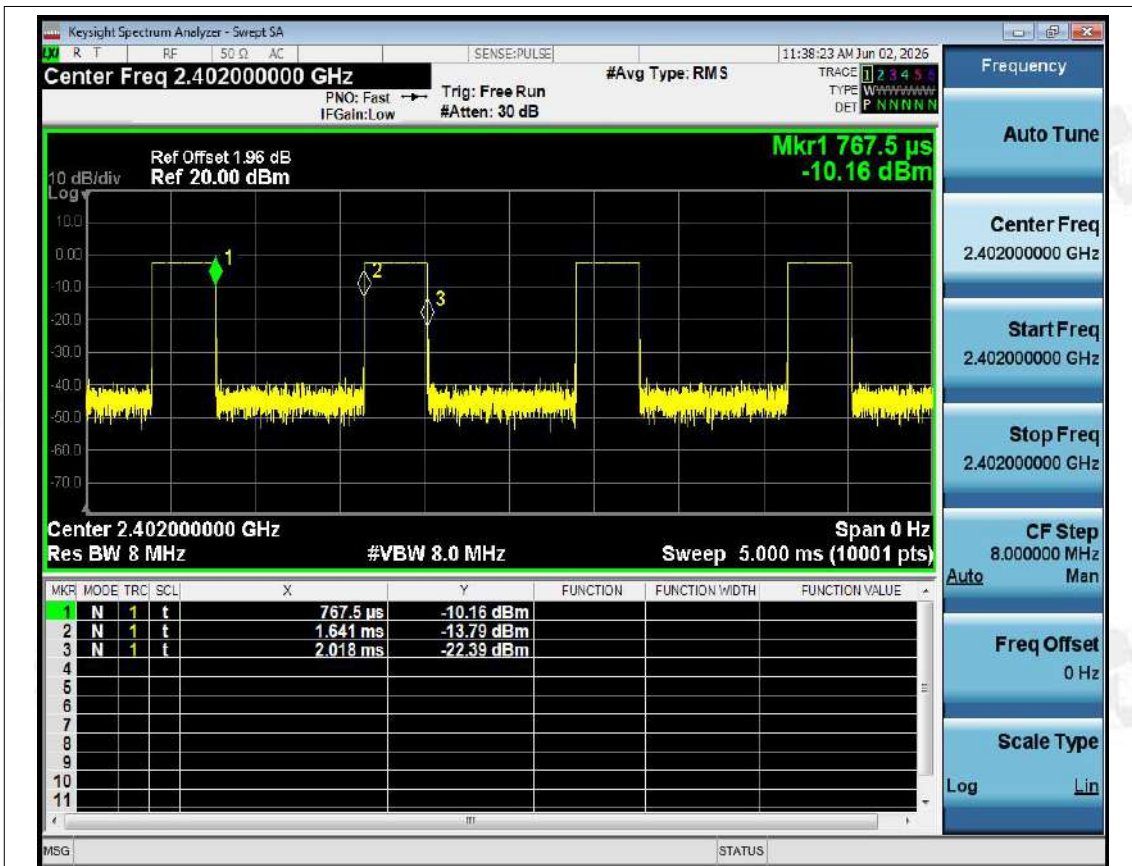
RF Test Data

FCC ID:2BWJL-HS02

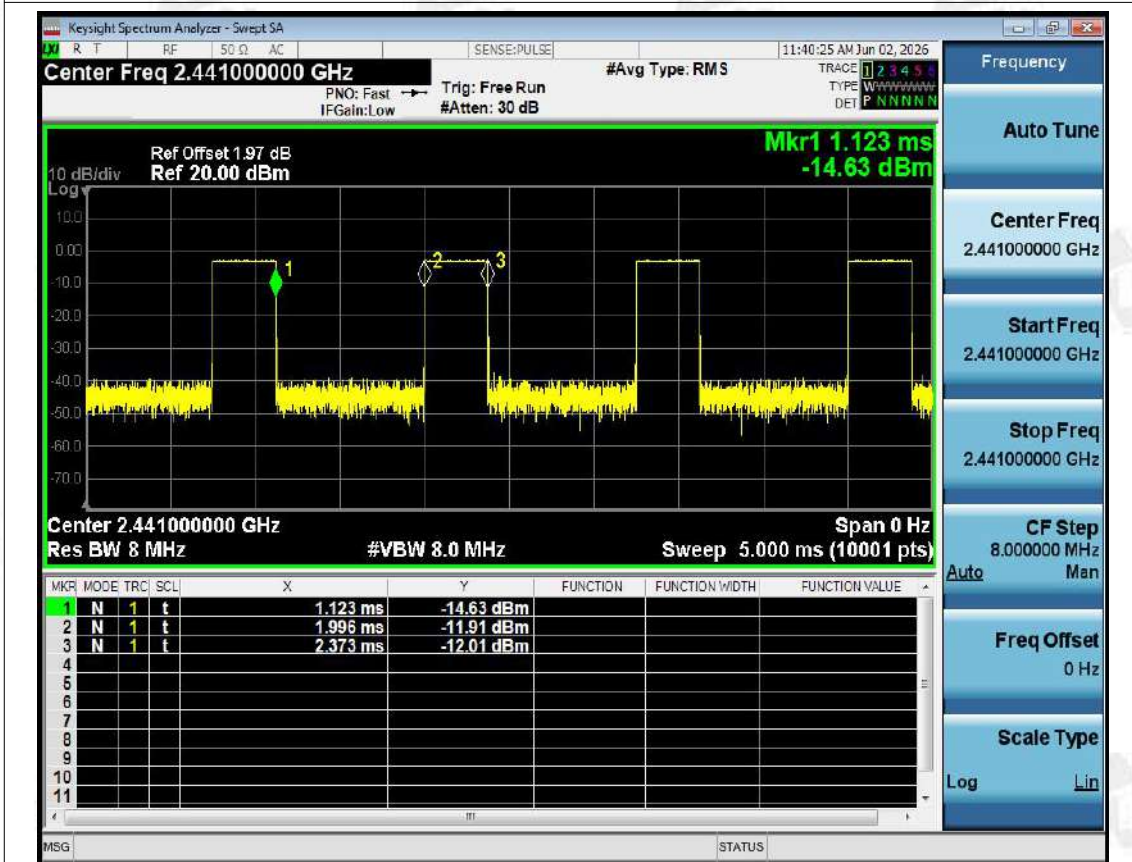
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Duty Cycle

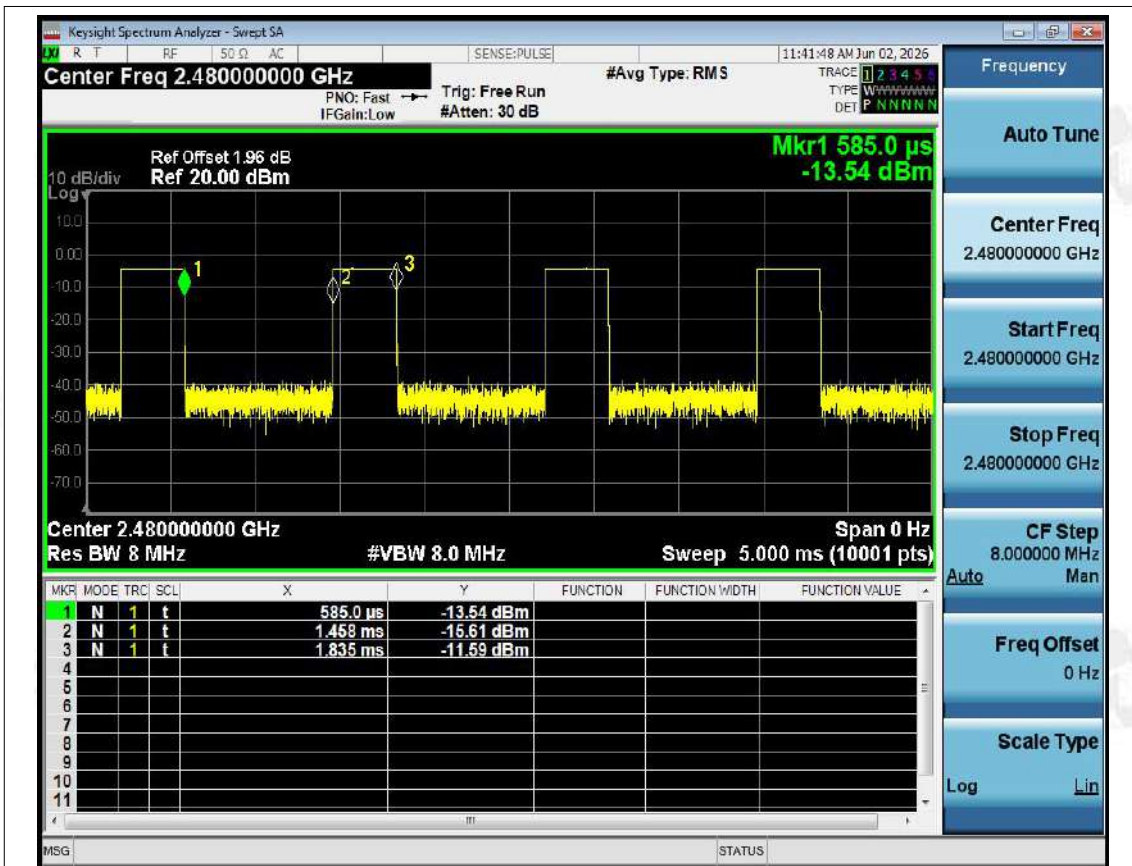
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH1	2402	Ant1	30.19	5.2	2.65
NVNT	1-DH1	2441	Ant1	30.16	5.21	2.65
NVNT	1-DH1	2480	Ant1	30.16	5.21	2.65
NVNT	2-DH1	2402	Ant1	30.96	5.09	2.58
NVNT	2-DH1	2441	Ant1	30.99	5.09	2.58
NVNT	2-DH1	2480	Ant1	30.99	5.09	2.58
NVNT	3-DH1	2402	Ant1	31.43	5.03	2.54
NVNT	3-DH1	2441	Ant1	31.4	5.03	2.55
NVNT	3-DH1	2480	Ant1	31.43	5.03	2.54



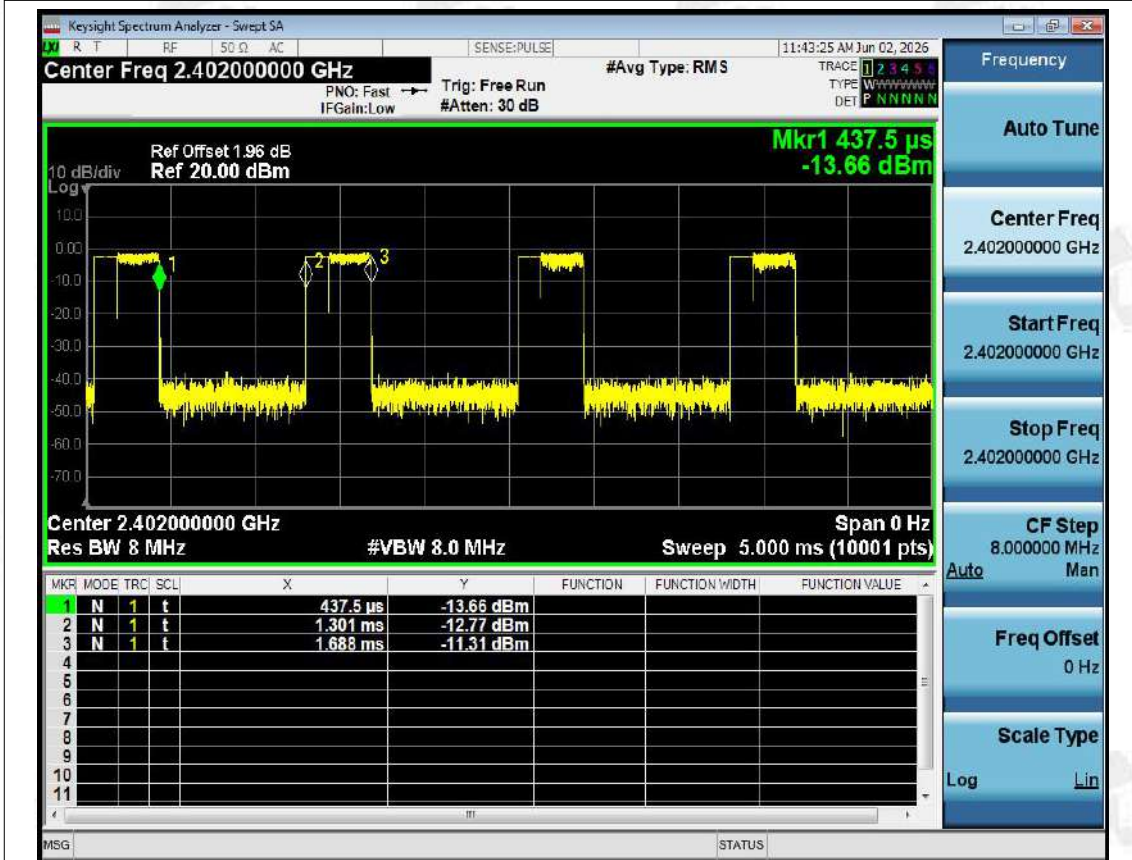
Duty Cycle NVNT 1-DH1 2402MHz Ant1



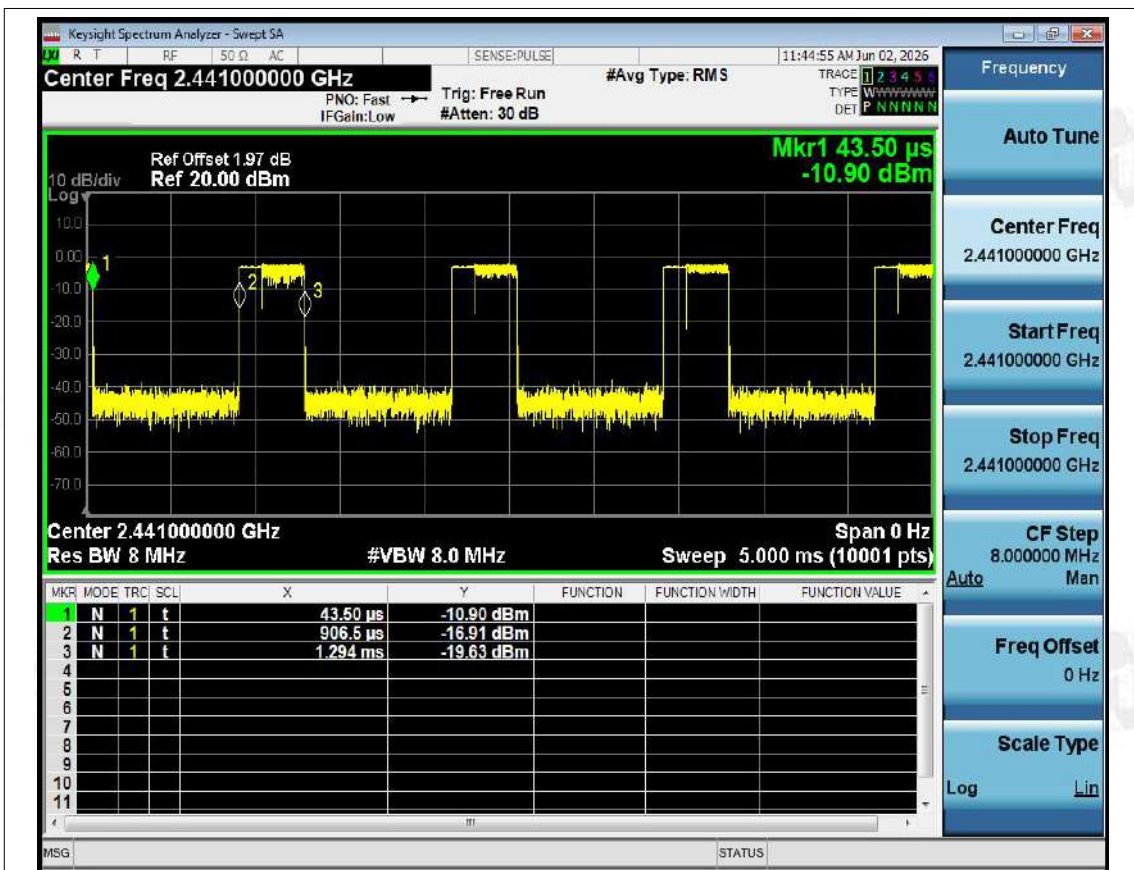
Duty Cycle NVNT 1-DH1 2441MHz Ant1



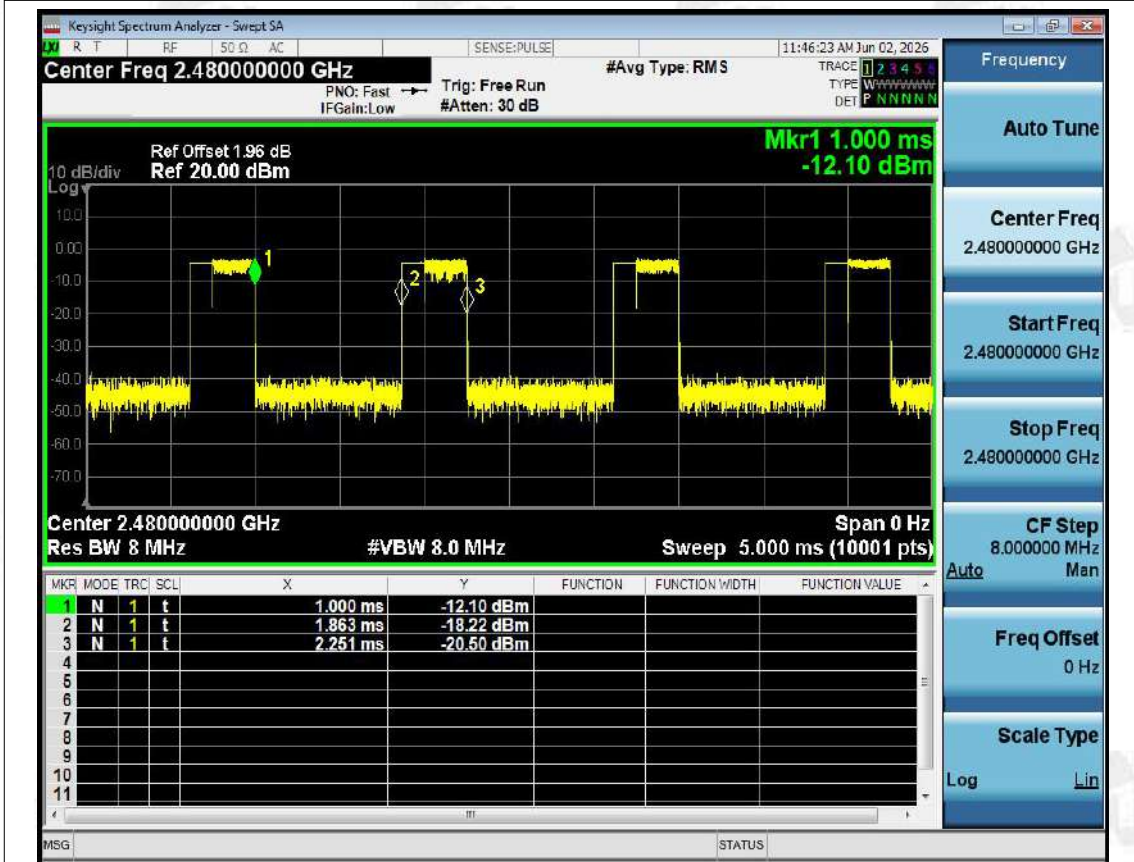
Duty Cycle NVNT 1-DH1 2480MHz Ant1



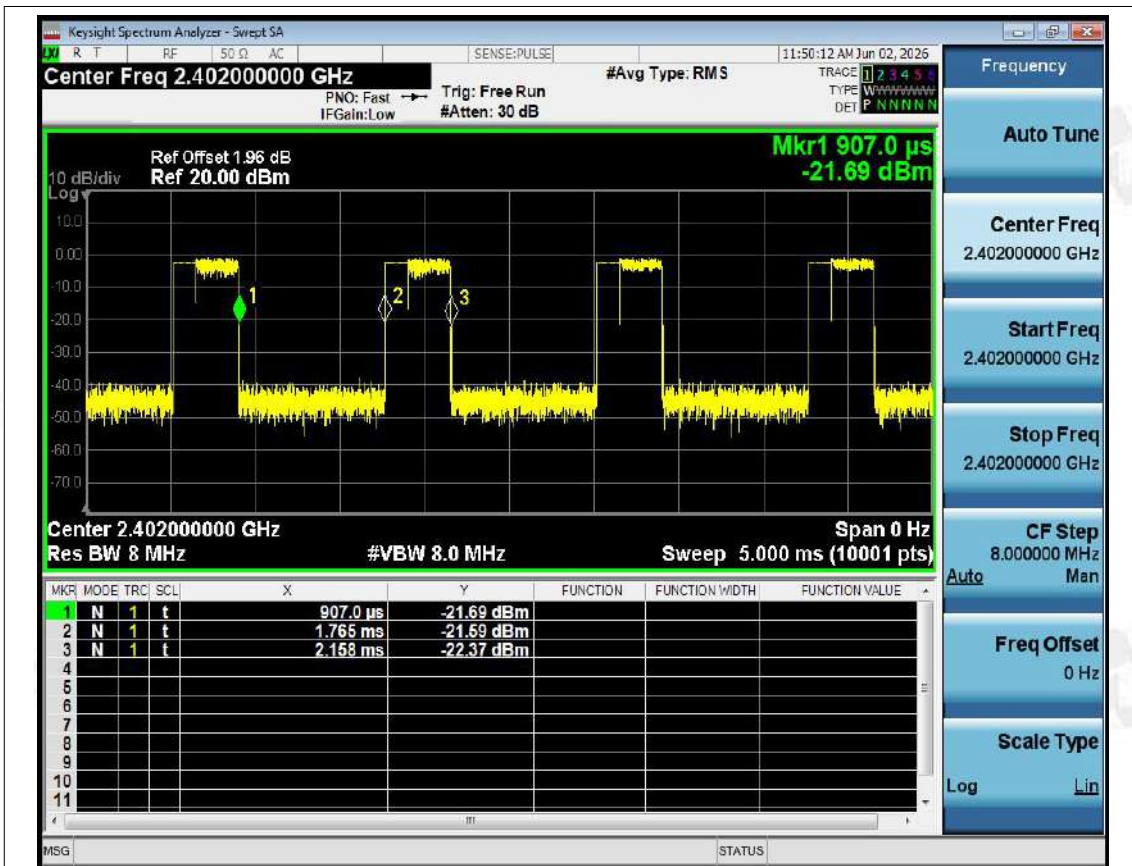
Duty Cycle NVNT 2-DH1 2402MHz Ant1



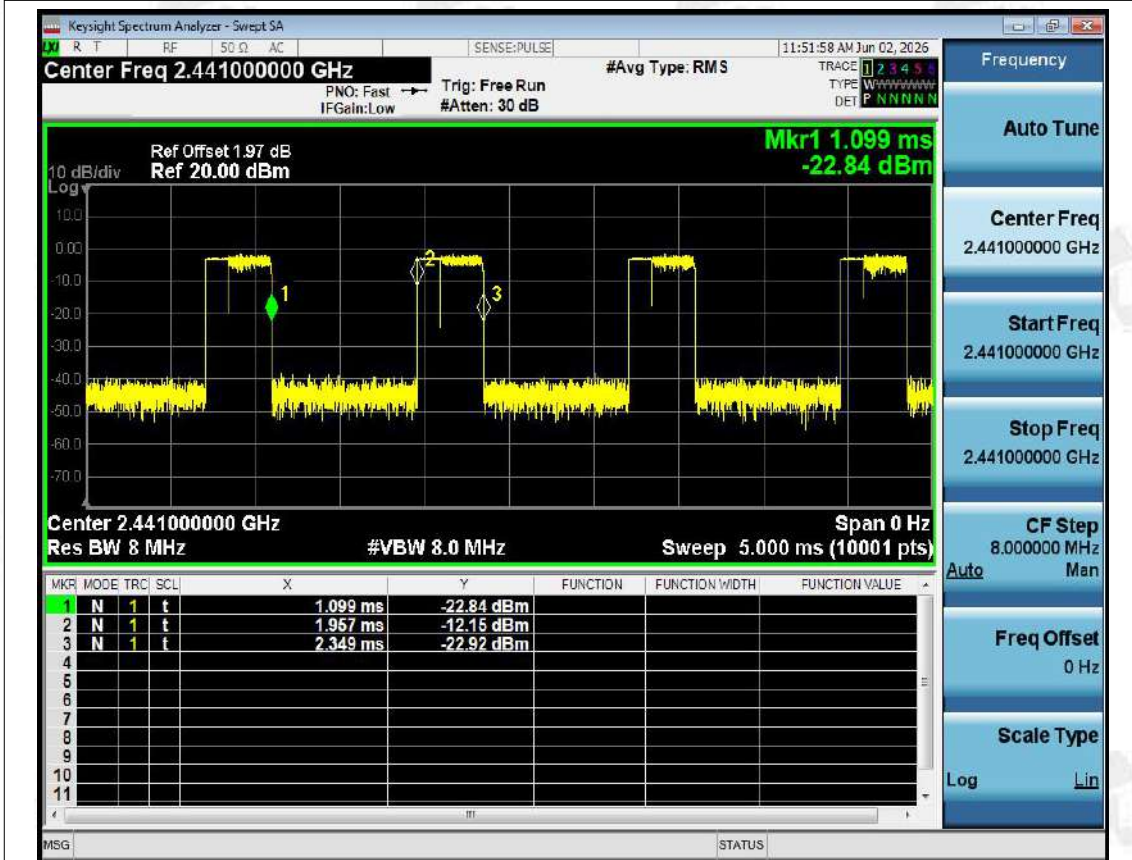
Duty Cycle NVNT 2-DH1 2441MHz Ant1



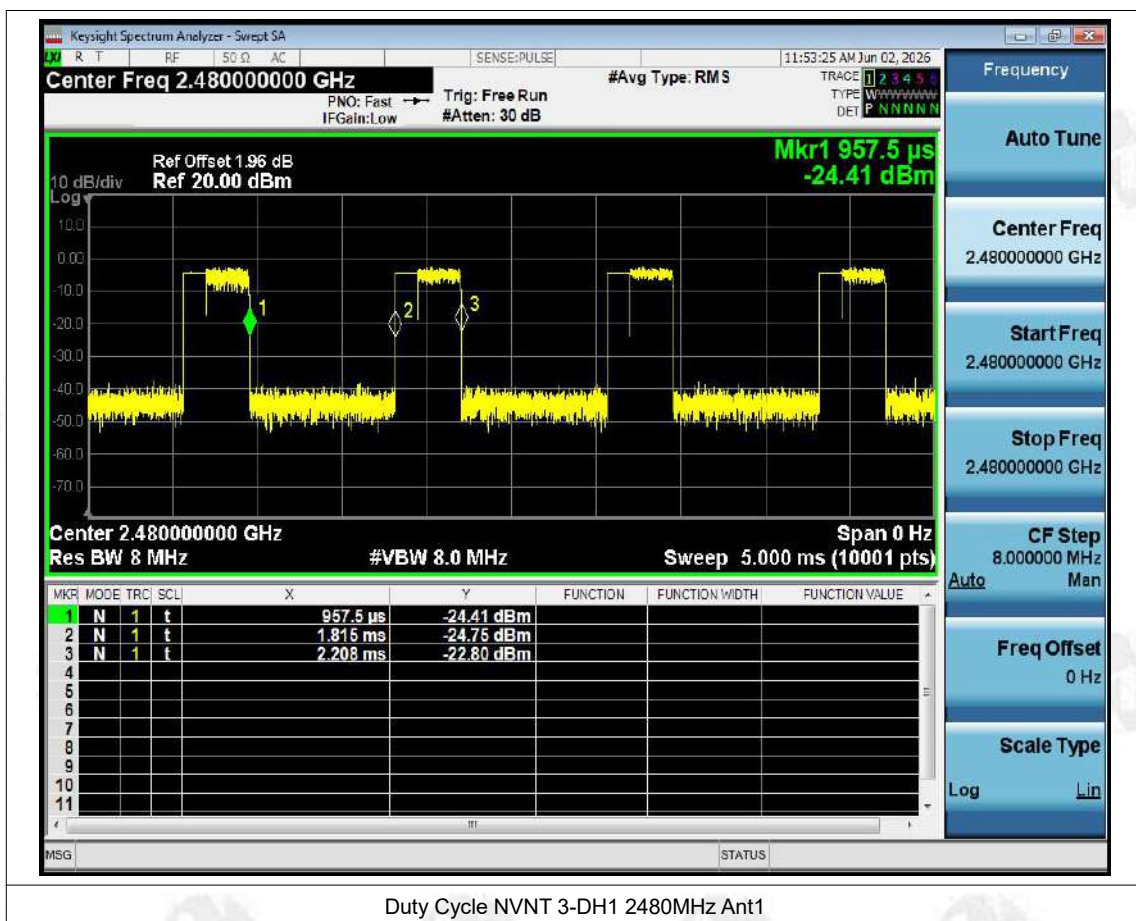
Duty Cycle NVNT 2-DH1 2480MHz Ant1



Duty Cycle NVNT 3-DH1 2402MHz Ant1



Duty Cycle NVNT 3-DH1 2441MHz Ant1



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	-2.44	0.00057	21	Pass
NVNT	1-DH1	2441	Ant1	-3.23	0.00048	21	Pass
NVNT	1-DH1	2480	Ant1	-4.31	0.00037	21	Pass
NVNT	2-DH1	2402	Ant1	-1.61	0.00069	21	Pass
NVNT	2-DH1	2441	Ant1	-2.45	0.00057	21	Pass
NVNT	2-DH1	2480	Ant1	-3.48	0.00045	21	Pass
NVNT	3-DH1	2402	Ant1	-0.99	0.0008	21	Pass
NVNT	3-DH1	2441	Ant1	-1.75	0.00067	21	Pass
NVNT	3-DH1	2480	Ant1	-2.85	0.00052	21	Pass



Peak Power NVNT 1-DH1 2402MHz Ant1



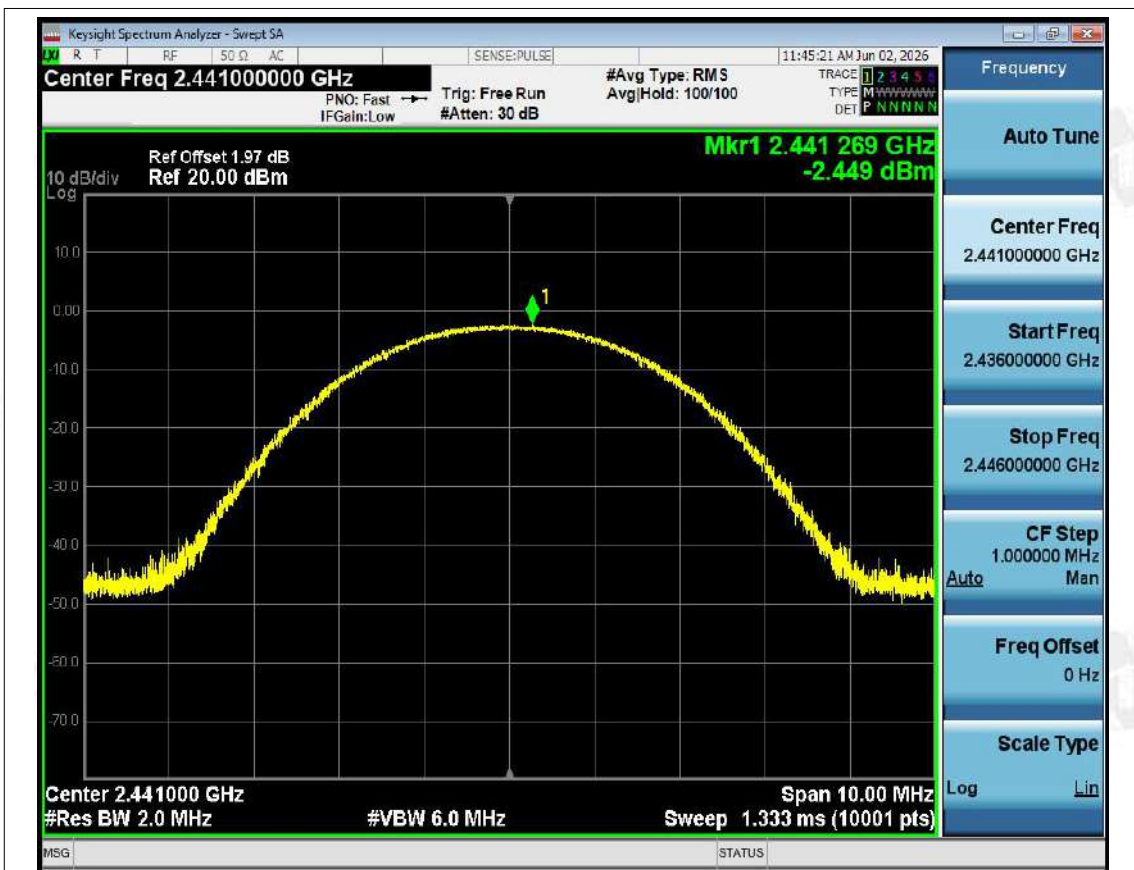
Peak Power NVNT 1-DH1 2441MHz Ant1



Peak Power NVNT 1-DH1 2480MHz Ant1



Peak Power NVNT 2-DH1 2402MHz Ant1



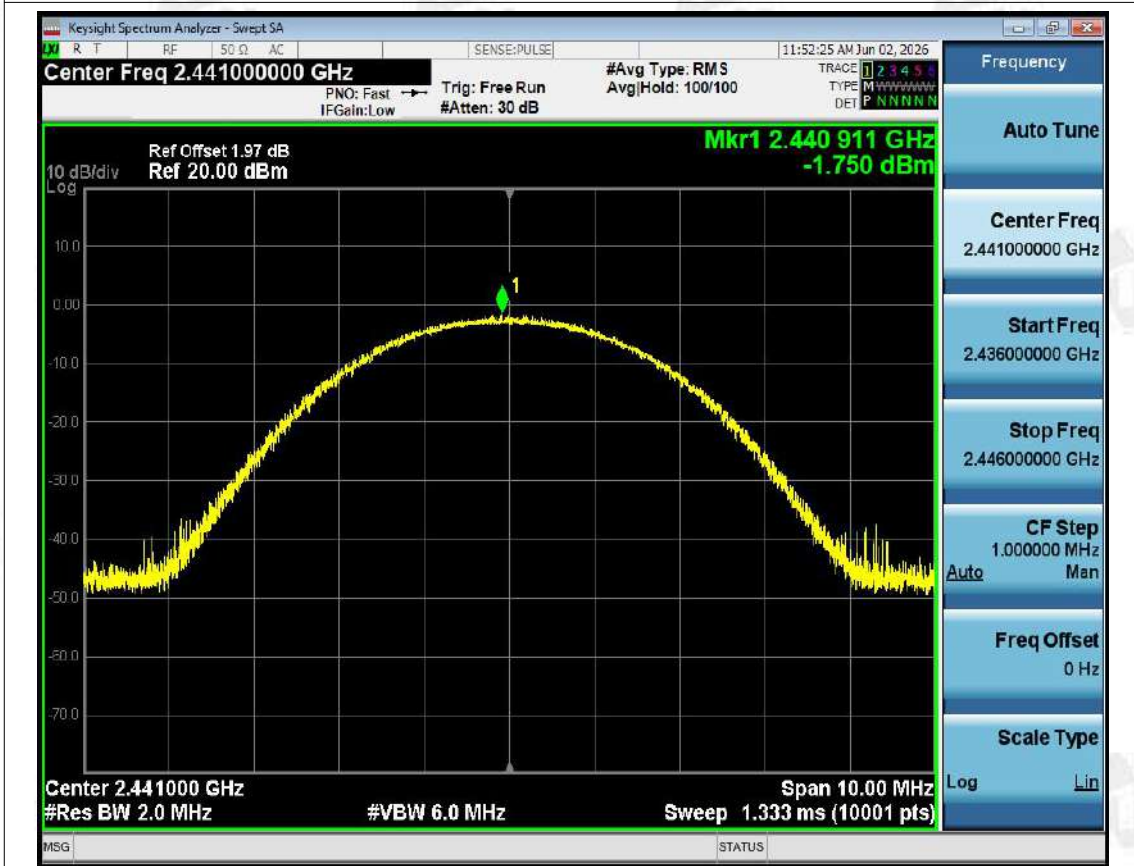
Peak Power NVNT 2-DH1 2441MHz Ant1



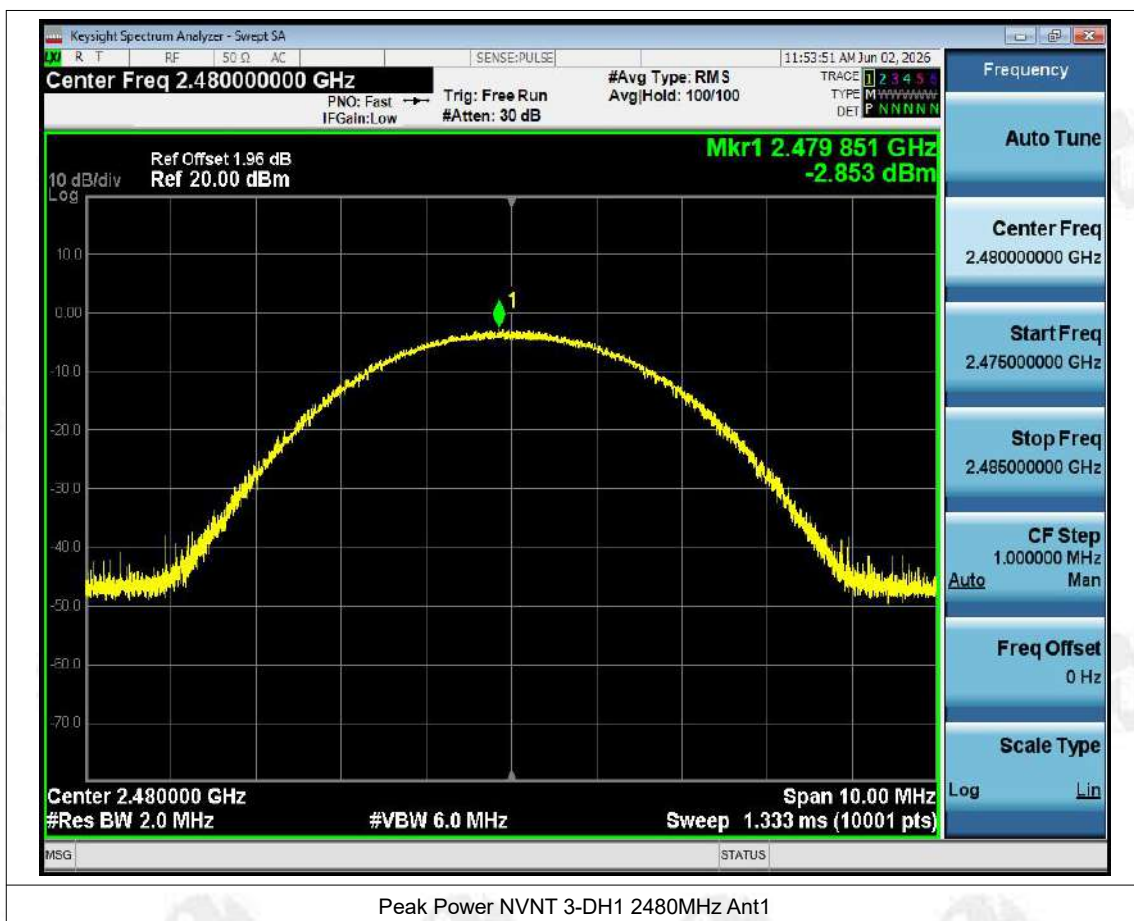
Peak Power NVNT 2-DH1 2480MHz Ant1



Peak Power NVNT 3-DH1 2402MHz Ant1



Peak Power NVNT 3-DH1 2441MHz Ant1



-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH1	2402	Ant1	1.028	Pass
NVNT	1-DH1	2441	Ant1	1.033	Pass
NVNT	1-DH1	2480	Ant1	1.022	Pass
NVNT	2-DH1	2402	Ant1	1.276	Pass
NVNT	2-DH1	2441	Ant1	1.256	Pass
NVNT	2-DH1	2480	Ant1	1.305	Pass
NVNT	3-DH1	2402	Ant1	1.247	Pass
NVNT	3-DH1	2441	Ant1	1.259	Pass
NVNT	3-DH1	2480	Ant1	1.262	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



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.93617
NVNT	1-DH1	2441	Ant1	0.97316
NVNT	1-DH1	2480	Ant1	0.98529
NVNT	2-DH1	2402	Ant1	1.2049
NVNT	2-DH1	2441	Ant1	1.1937
NVNT	2-DH1	2480	Ant1	1.1895
NVNT	3-DH1	2402	Ant1	1.1894
NVNT	3-DH1	2441	Ant1	1.1856
NVNT	3-DH1	2480	Ant1	1.1856



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



Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2402.006	2403	0.994	0.685	Pass
NVNT	1-DH1	Ant1	2440.982	2442	1.018	0.689	Pass
NVNT	1-DH1	Ant1	2479.016	2479.996	0.98	0.681	Pass
NVNT	2-DH1	Ant1	2401.99	2403.018	1.028	0.851	Pass
NVNT	2-DH1	Ant1	2441	2442.002	1.002	0.837	Pass
NVNT	2-DH1	Ant1	2478.994	2479.988	0.994	0.870	Pass
NVNT	3-DH1	Ant1	2402.002	2403.008	1.006	0.831	Pass
NVNT	3-DH1	Ant1	2441.004	2442.004	1	0.839	Pass
NVNT	3-DH1	Ant1	2478.992	2479.998	1.006	0.841	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



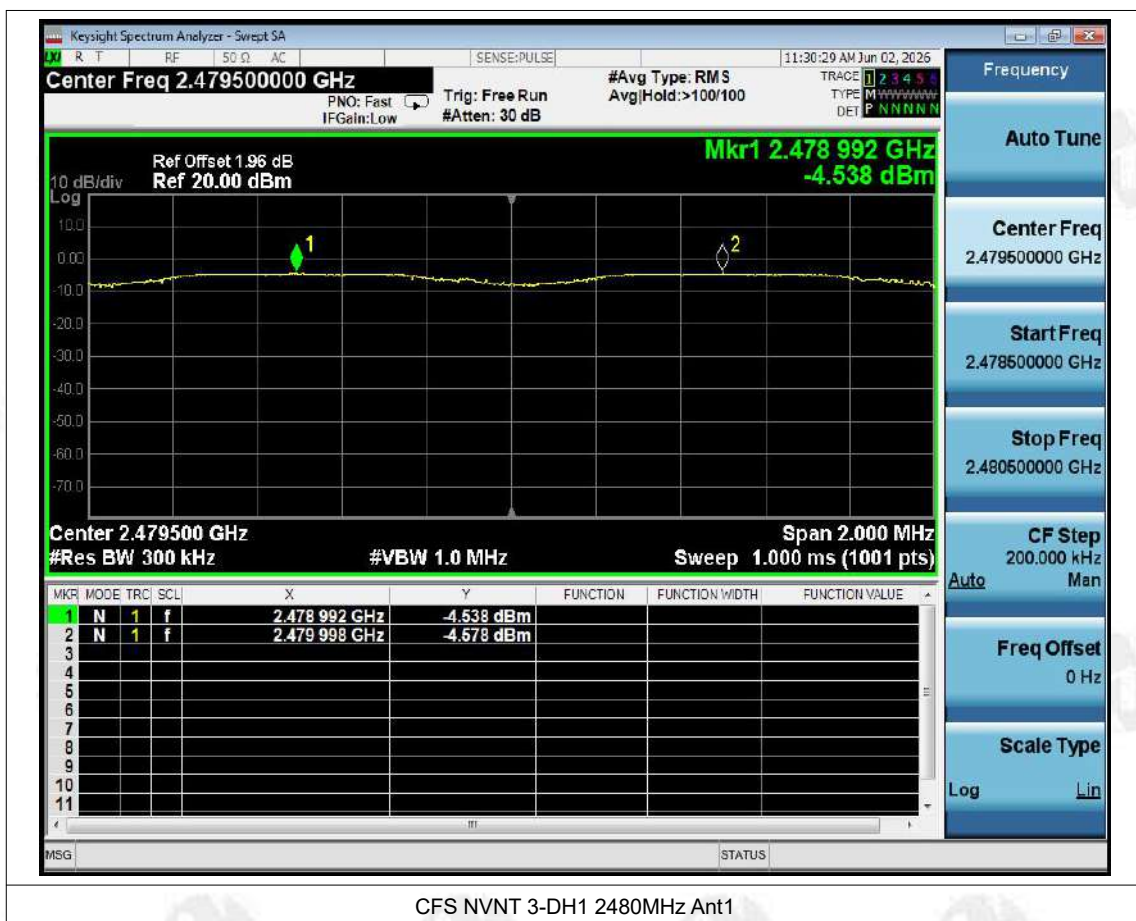
CFS NVNT 2-DH1 2480MHz Ant1



CFS NVNT 3-DH1 2402MHz Ant1



CFS NVNT 3-DH1 2441MHz Ant1

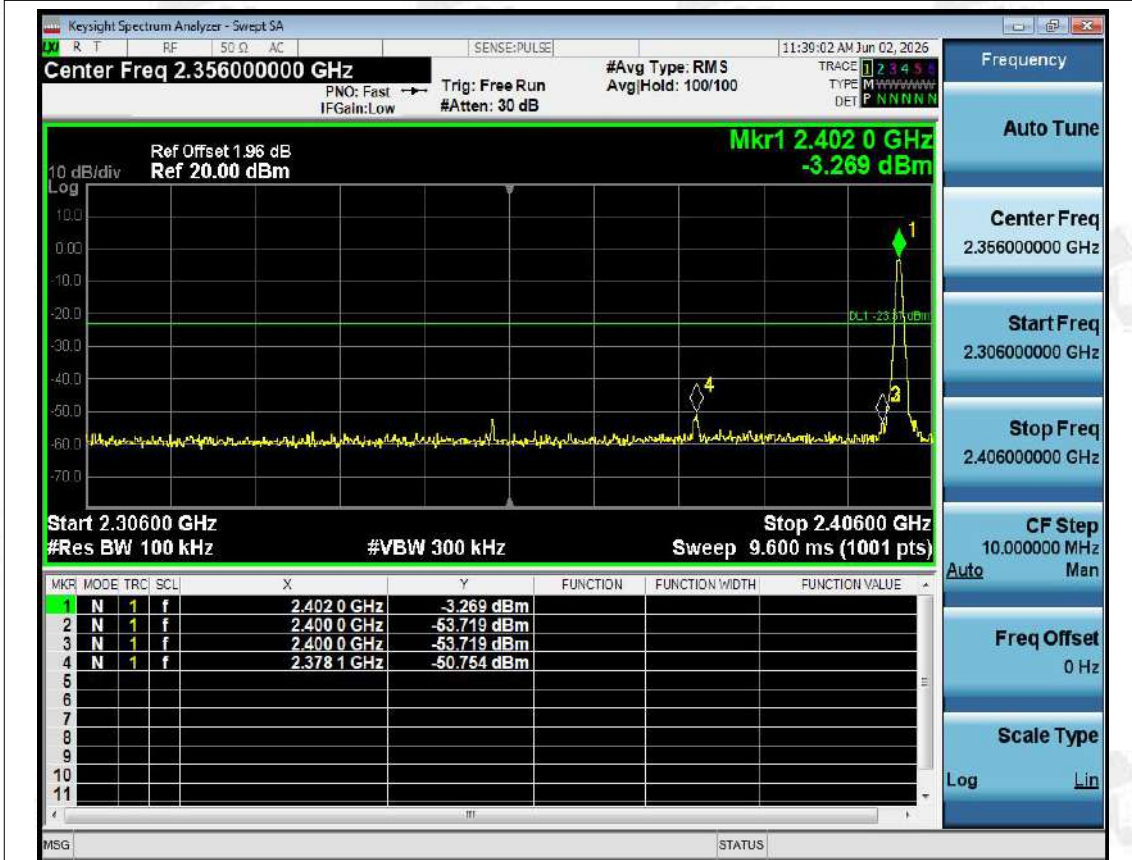


Band Edge

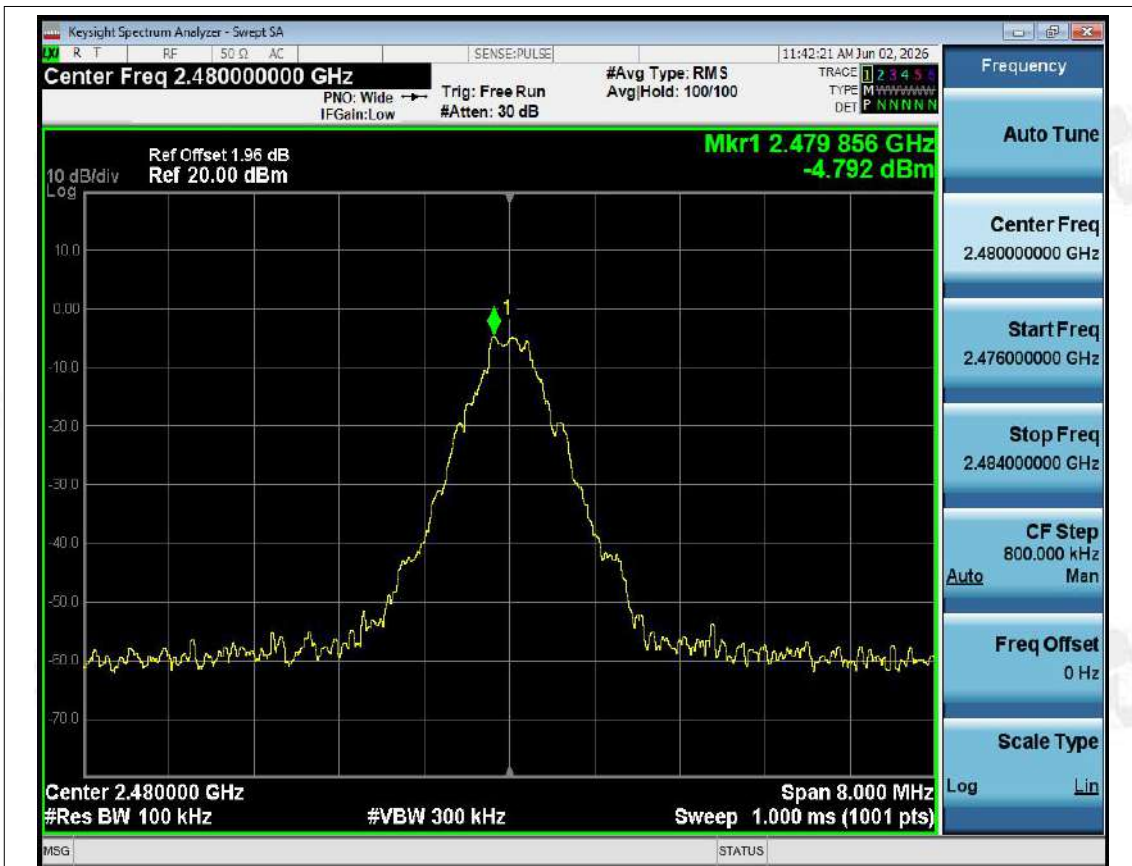
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	-47.38	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-50.69	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-47.64	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-50.86	-20	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	-49.36	-20	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	-50.17	-20	Pass



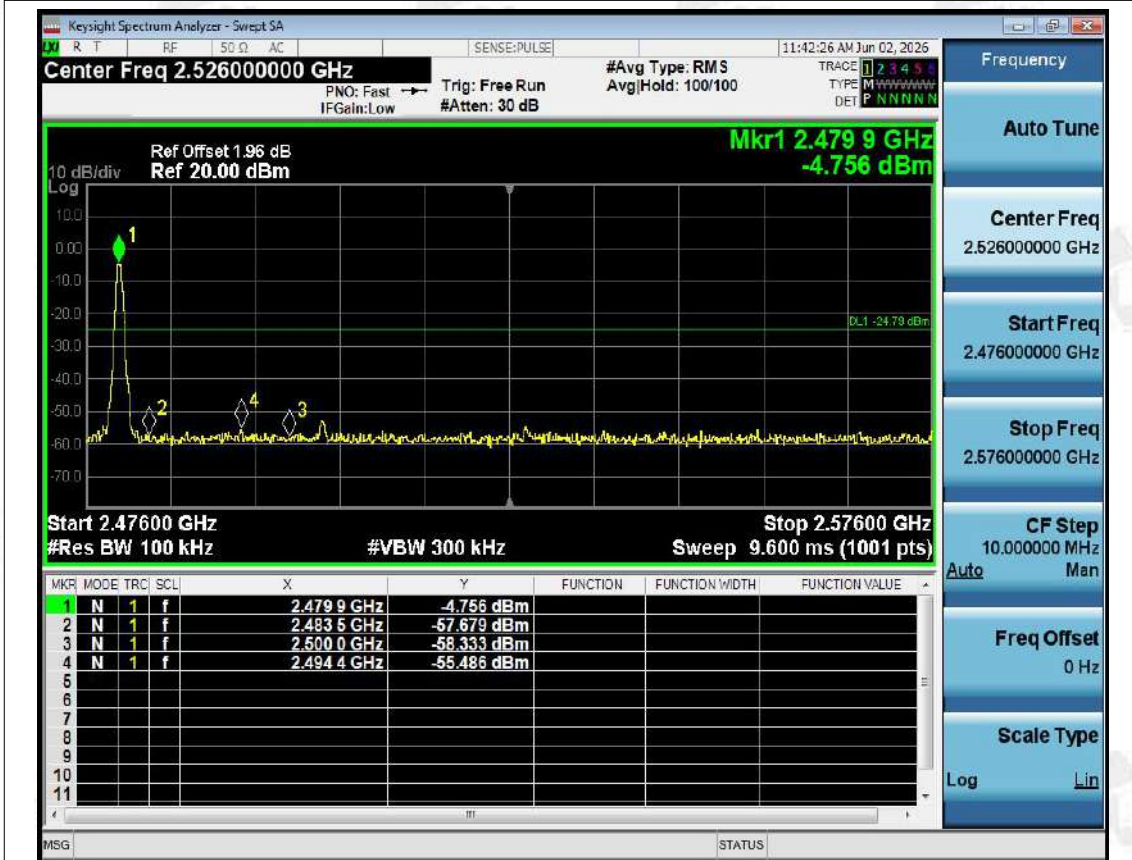
Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



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