

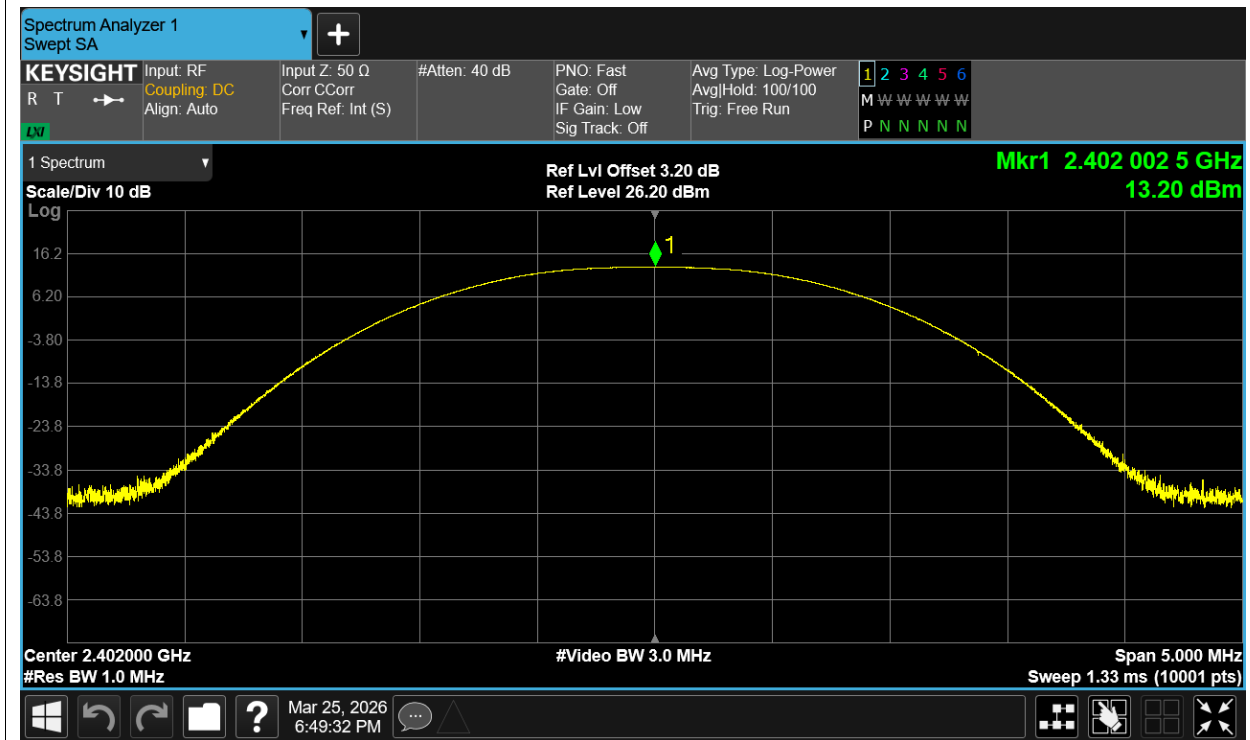
Test Data

Maximum Conducted Output Power

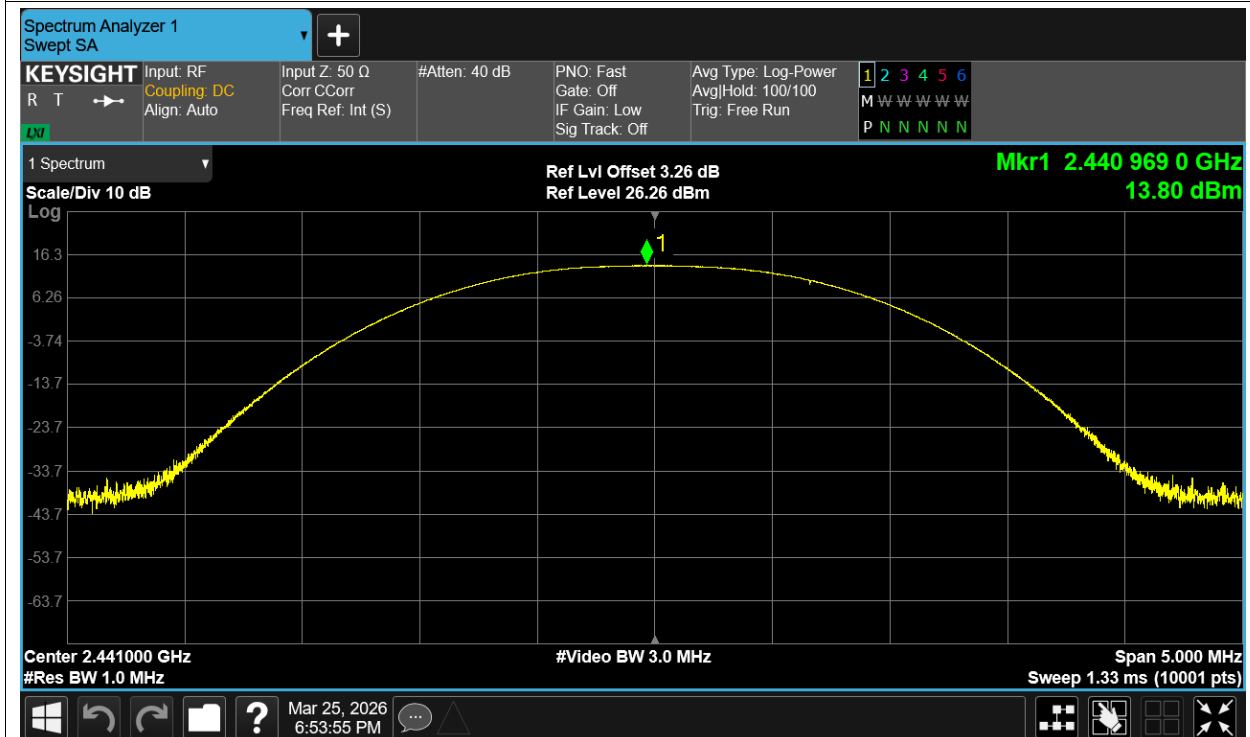
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant12	13.198	30	Pass
NVNT	1-DH1	2441	Ant12	13.804	30	Pass
NVNT	1-DH1	2480	Ant12	15.093	30	Pass
NVNT	2-DH1	2402	Ant12	12.442	21	Pass
NVNT	2-DH1	2441	Ant12	12.711	21	Pass
NVNT	2-DH1	2480	Ant12	14.077	21	Pass
NVNT	3-DH1	2402	Ant12	12.625	21	Pass
NVNT	3-DH1	2441	Ant12	12.856	21	Pass
NVNT	3-DH1	2480	Ant12	13.785	21	Pass

Test Graphs

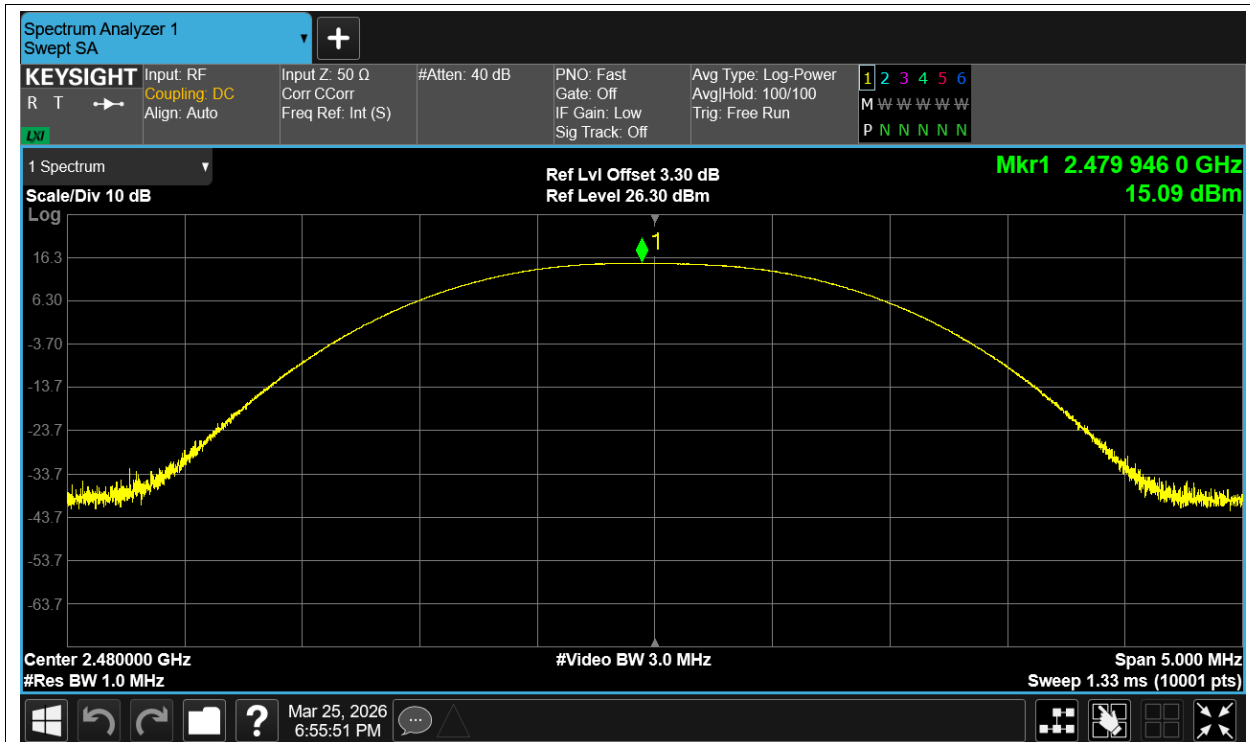
Power NVNT 1-DH1 2402MHz Ant12



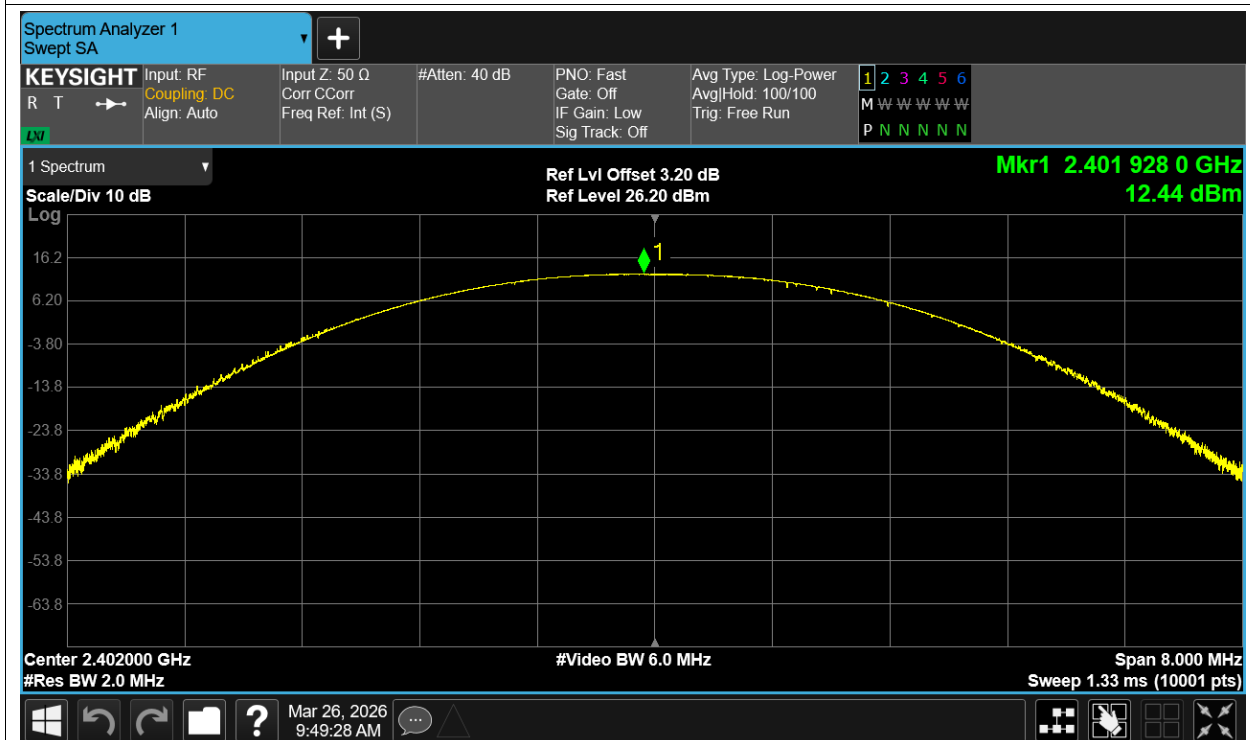
Power NVNT 1-DH1 2441MHz Ant12



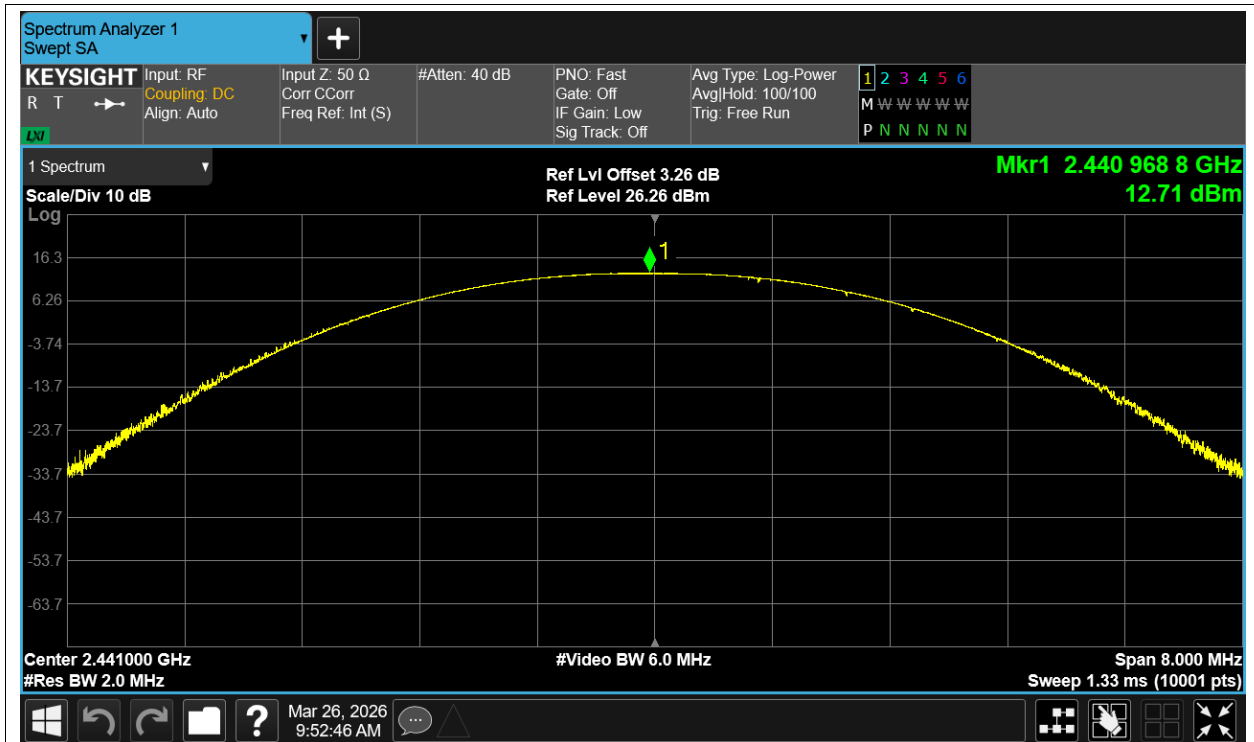
Power NVNT 1-DH1 2480MHz Ant12



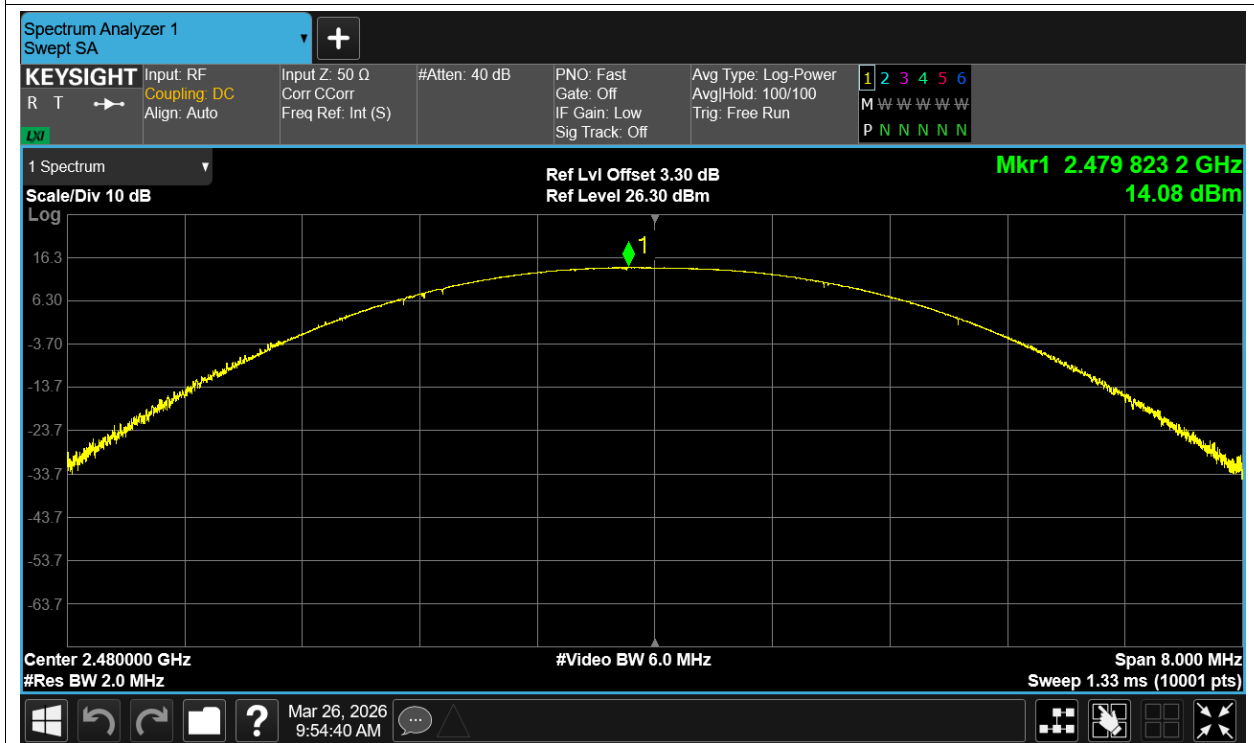
Power NVNT 2-DH1 2402MHz Ant12



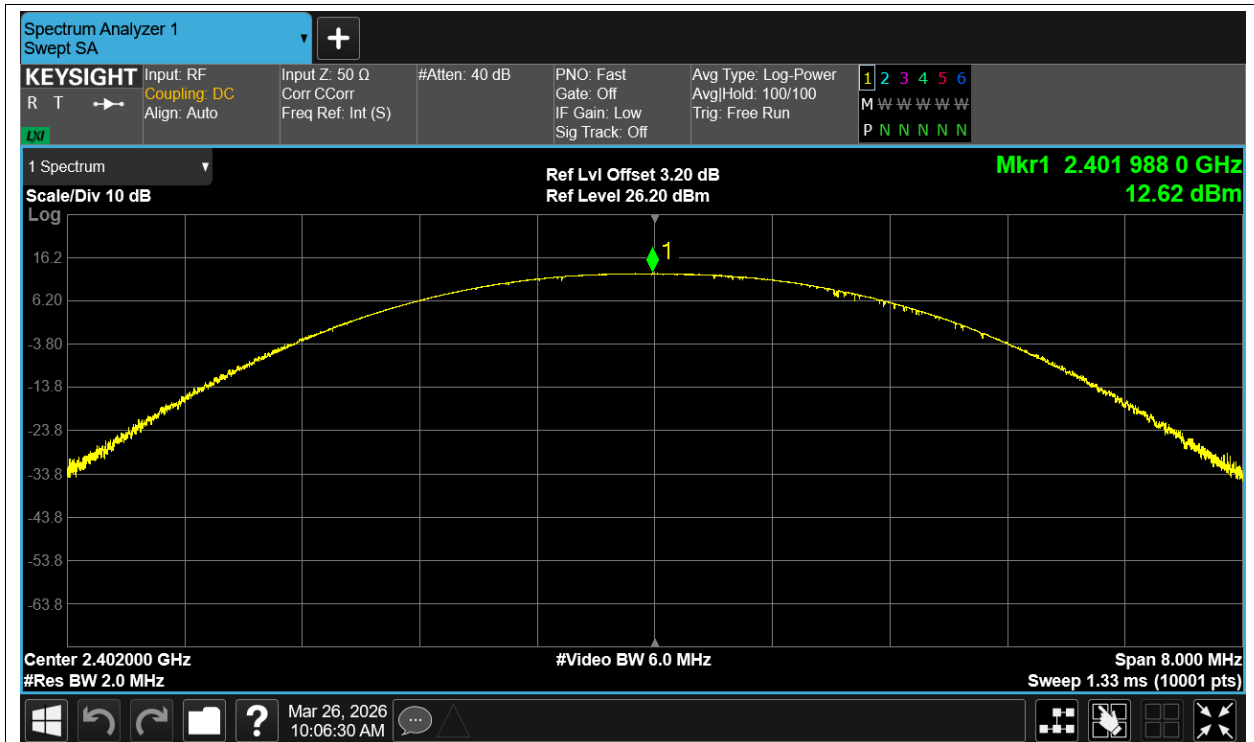
Power NVNT 2-DH1 2441MHz Ant12



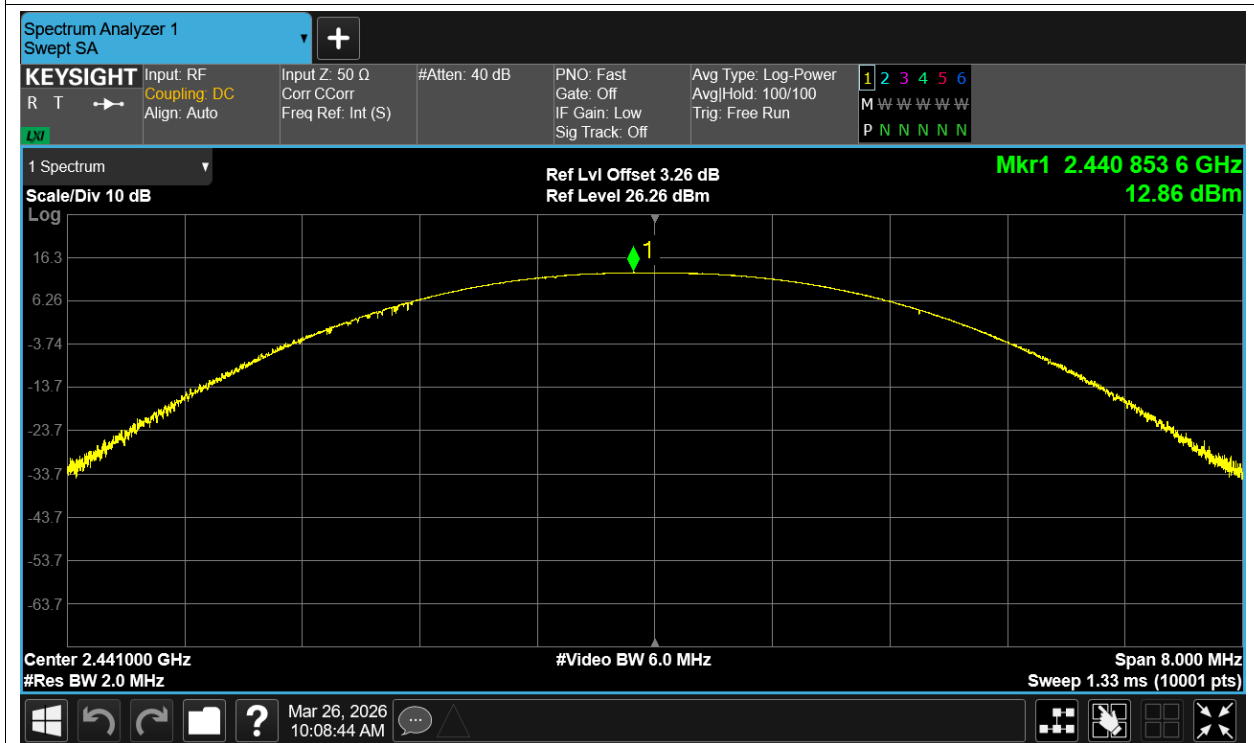
Power NVNT 2-DH1 2480MHz Ant12



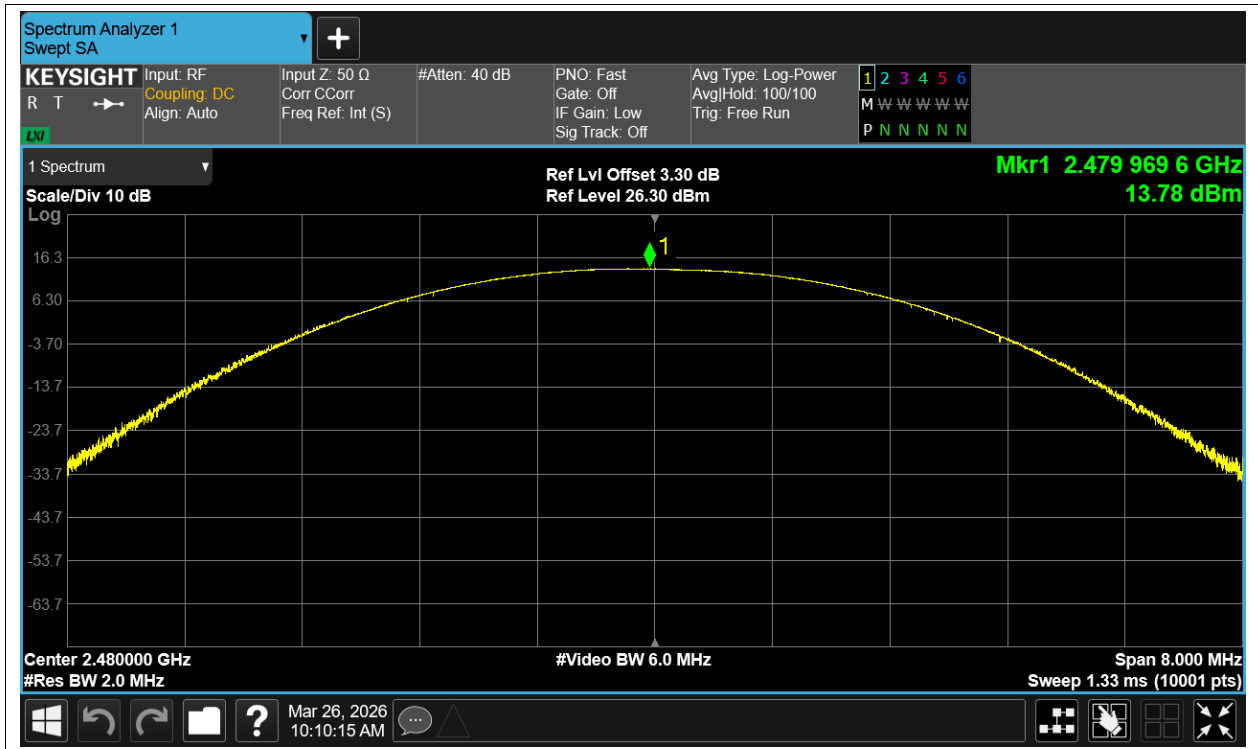
Power NVNT 3-DH1 2402MHz Ant12



Power NVNT 3-DH1 2441MHz Ant12



Power NVNT 3-DH1 2480MHz Ant12



-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)
NVNT	1-DH1	2402	Ant12	0.72
NVNT	1-DH1	2441	Ant12	0.72
NVNT	1-DH1	2480	Ant12	0.72
NVNT	2-DH1	2402	Ant12	1.17
NVNT	2-DH1	2441	Ant12	1.172
NVNT	2-DH1	2480	Ant12	1.174
NVNT	3-DH1	2402	Ant12	1.204
NVNT	3-DH1	2441	Ant12	1.193
NVNT	3-DH1	2480	Ant12	1.196

Test Graphs

-20dB Bandwidth NVNT 1-DH1 2402MHz Ant12



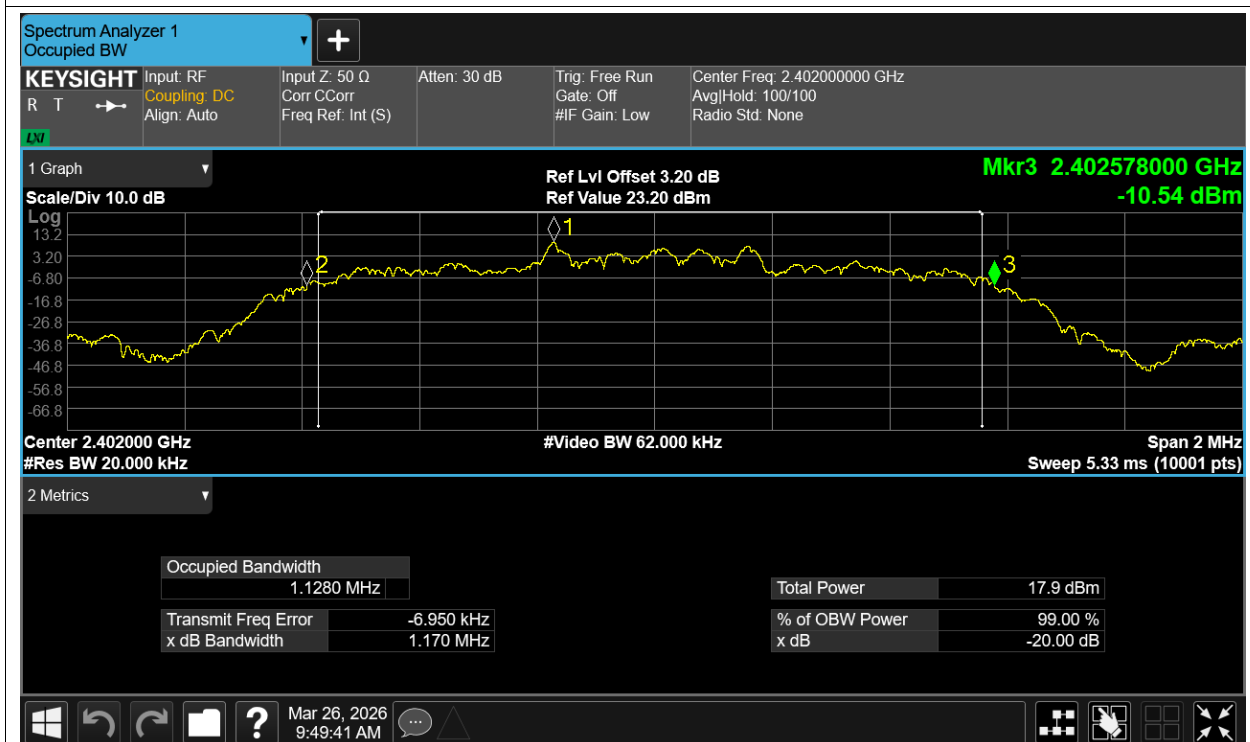
-20dB Bandwidth NVNT 1-DH1 2441MHz Ant12



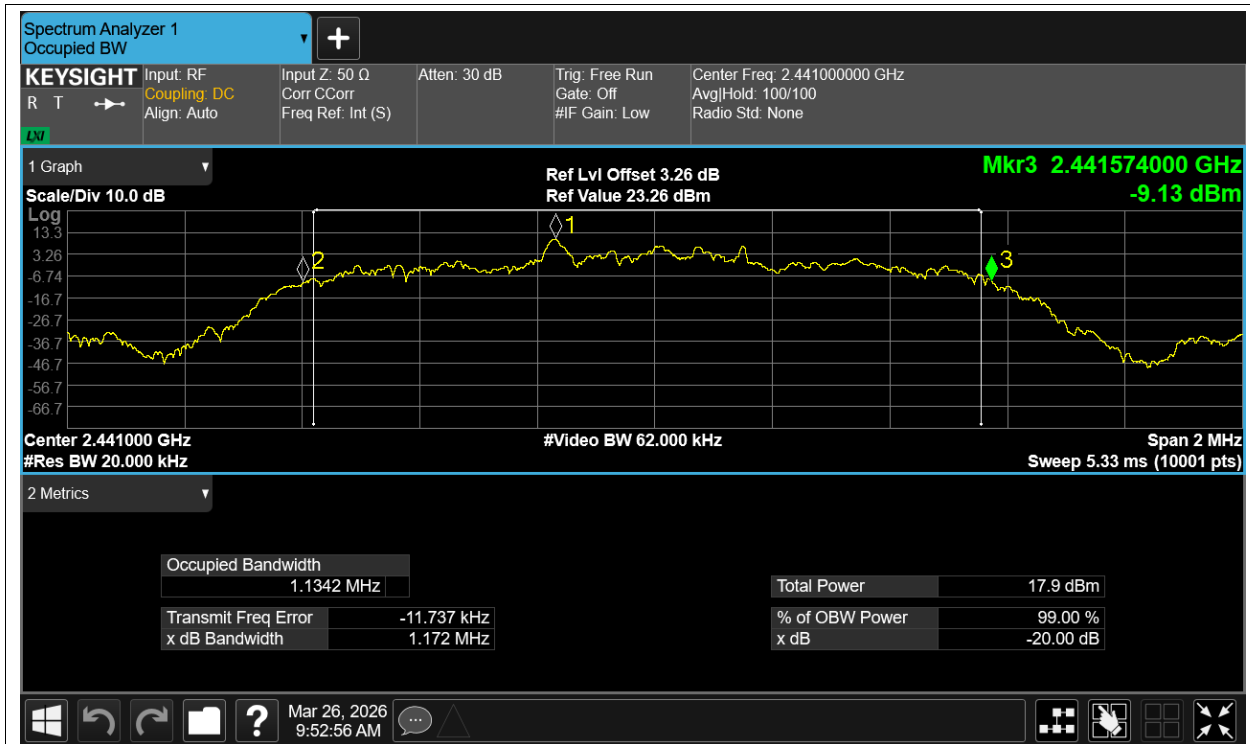
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant12



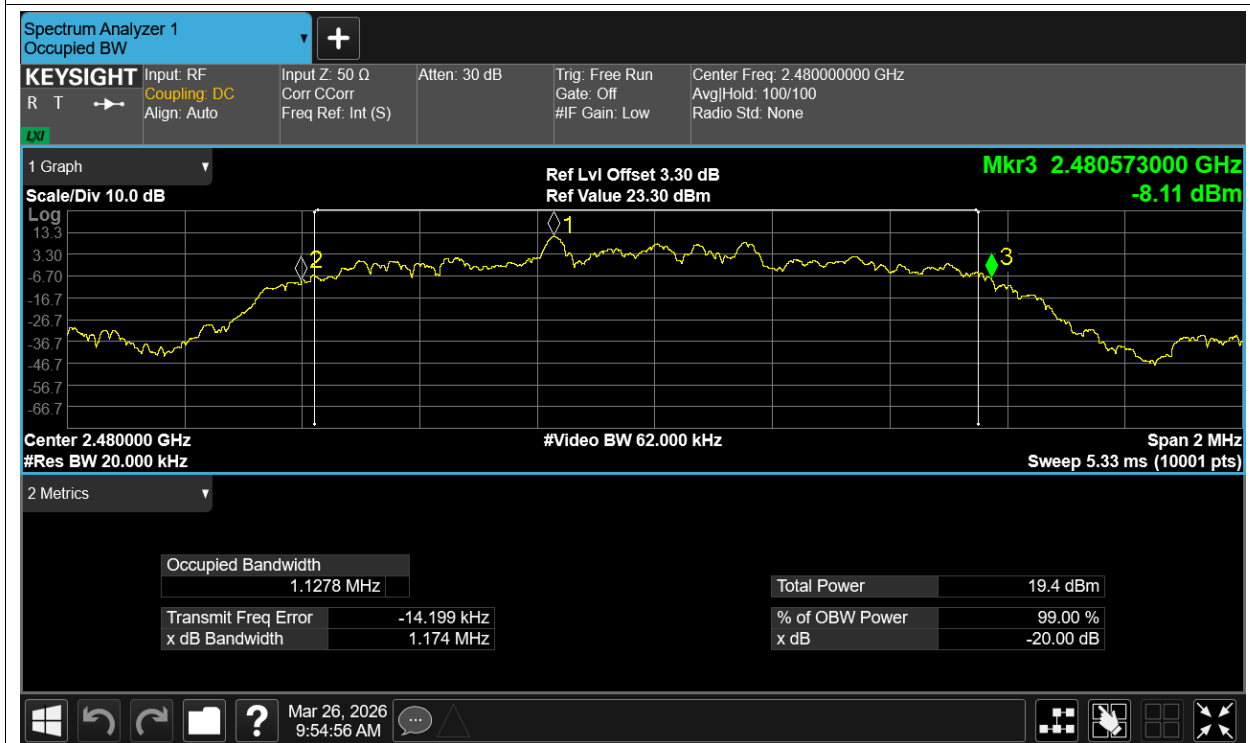
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant12



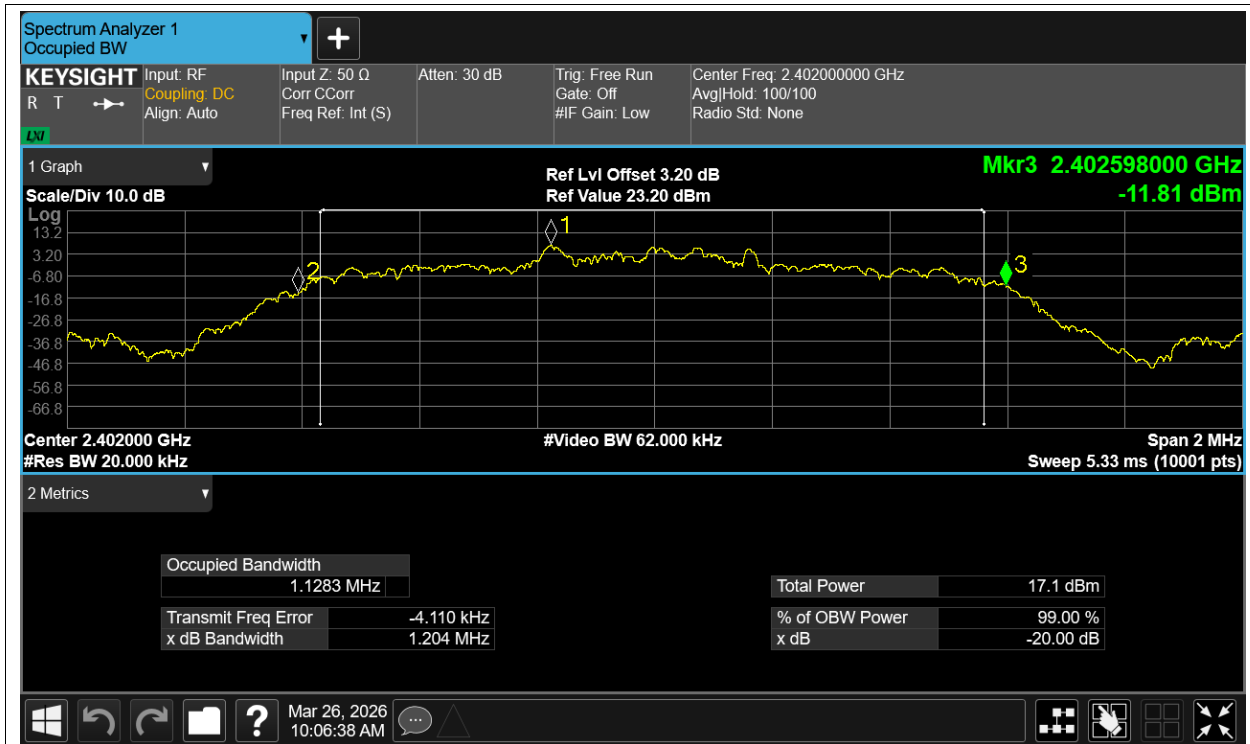
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant12



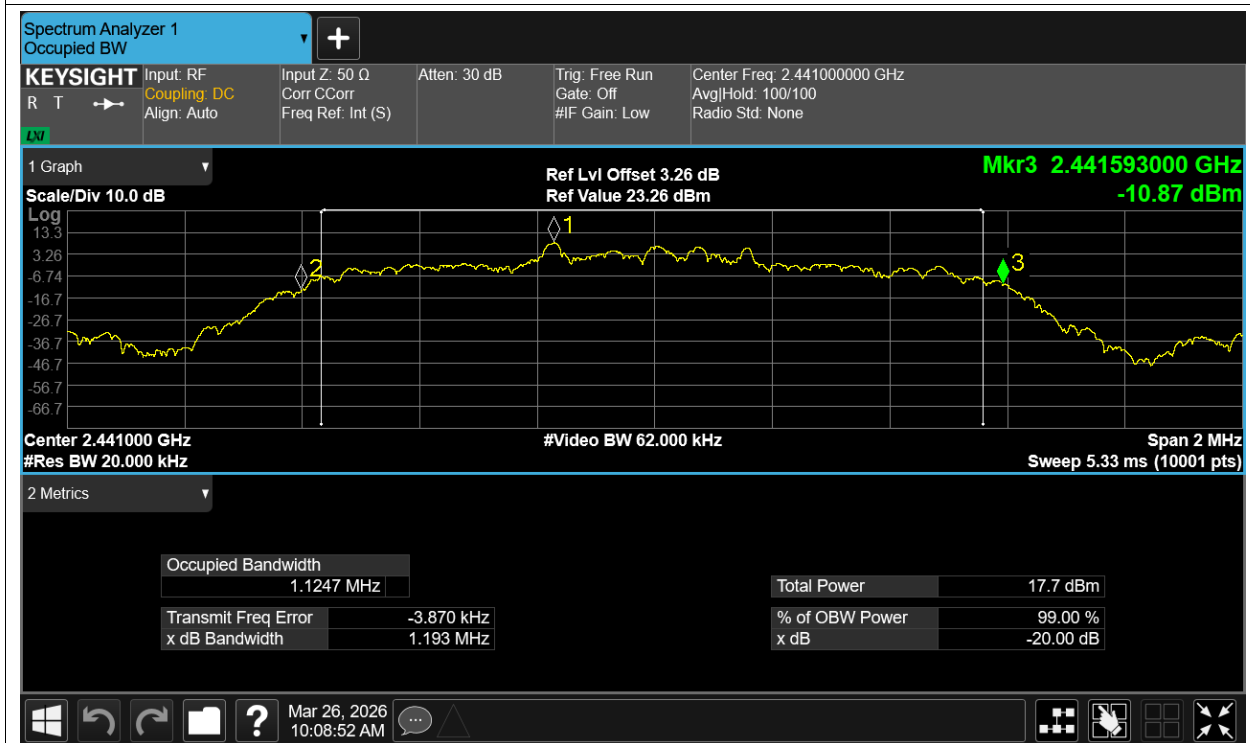
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant12



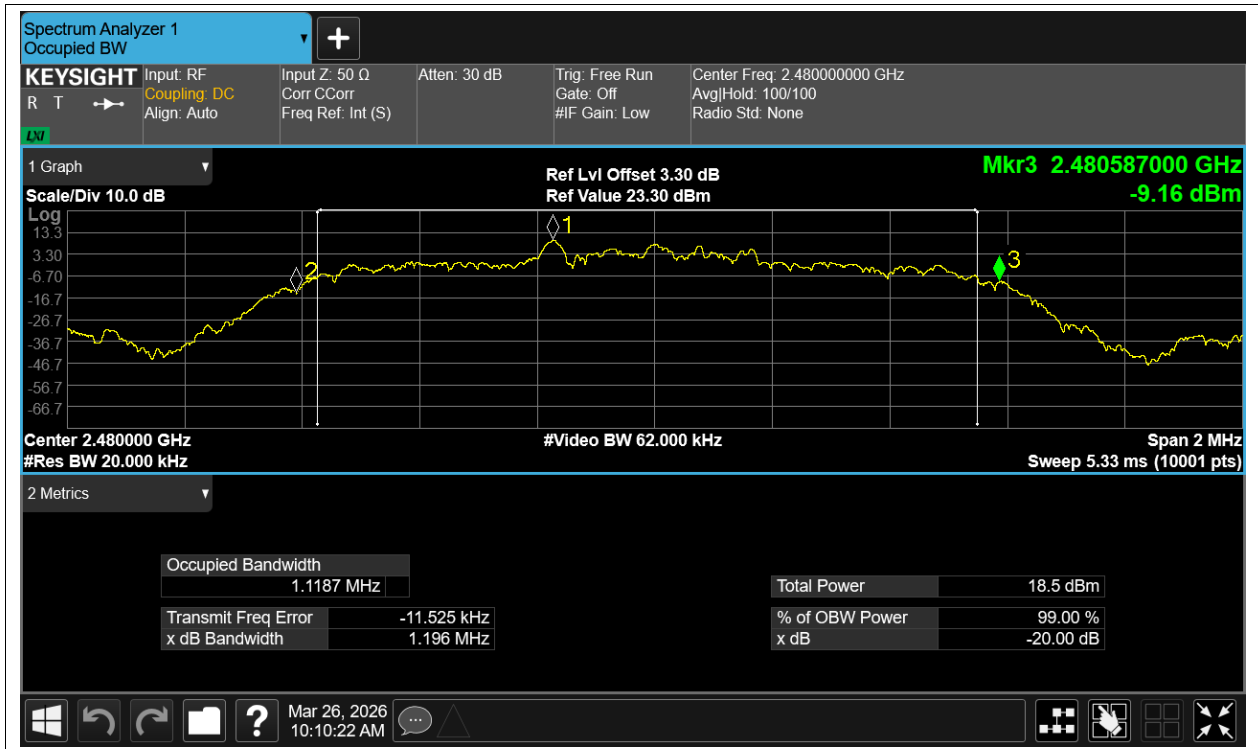
-20dB Bandwidth NVNT 3-DH1 2402MHz Ant12



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant12



-20dB Bandwidth NVNT 3-DH1 2480MHz Ant12

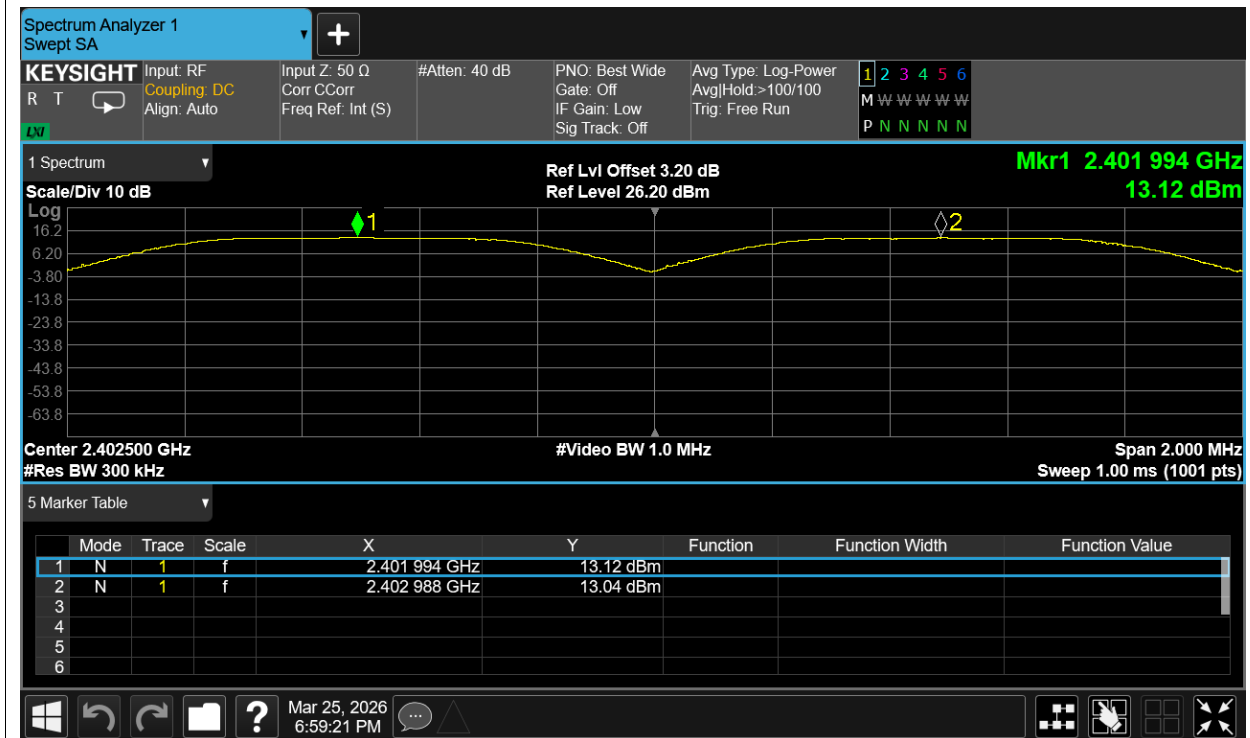


Carrier Frequencies Separation

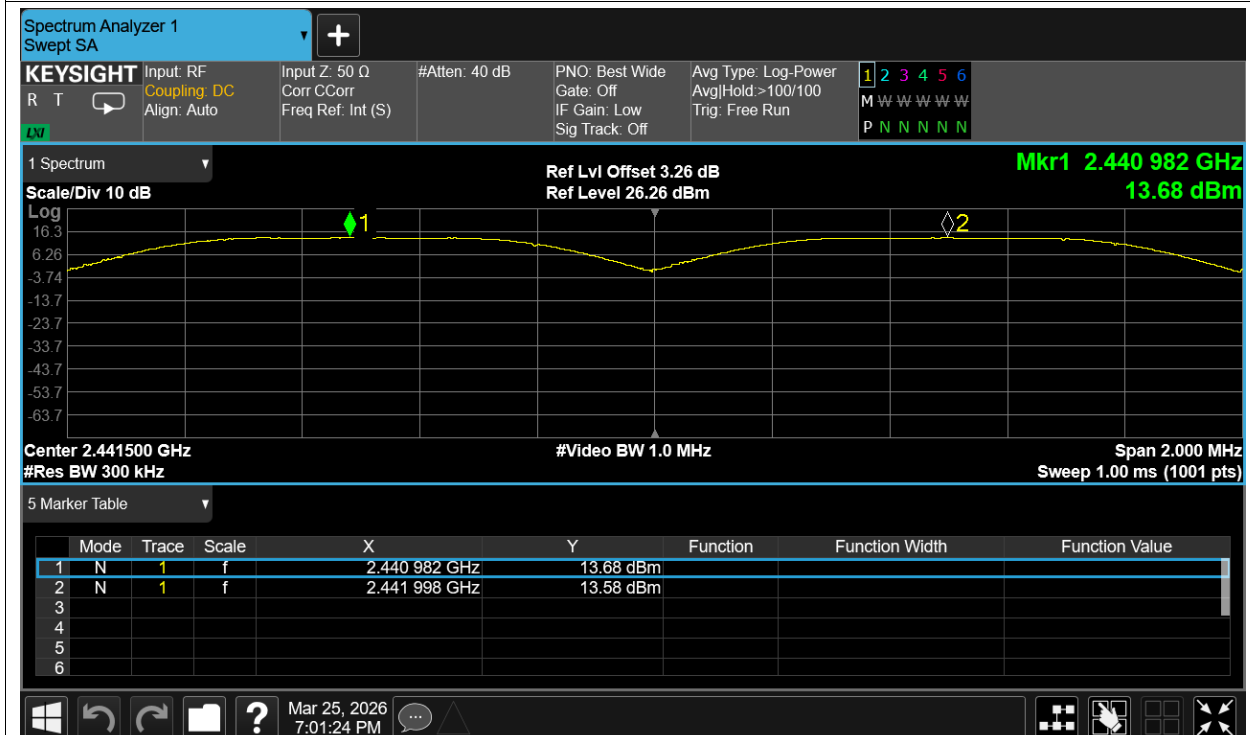
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant12	2401.994	2402.988	0.994	0.72	Pass
NVNT	1-DH1	Ant12	2440.982	2441.998	1.016	0.72	Pass
NVNT	1-DH1	Ant12	2478.986	2479.988	1.002	0.72	Pass
NVNT	2-DH1	Ant12	2401.832	2402.838	1.006	0.78	Pass
NVNT	2-DH1	Ant12	2440.832	2441.826	0.994	0.781	Pass
NVNT	2-DH1	Ant12	2478.824	2479.83	1.006	0.783	Pass
NVNT	3-DH1	Ant12	2401.828	2402.834	1.006	0.803	Pass
NVNT	3-DH1	Ant12	2440.822	2441.826	1.004	0.795	Pass
NVNT	3-DH1	Ant12	2478.846	2479.818	0.972	0.797	Pass

Test Graphs

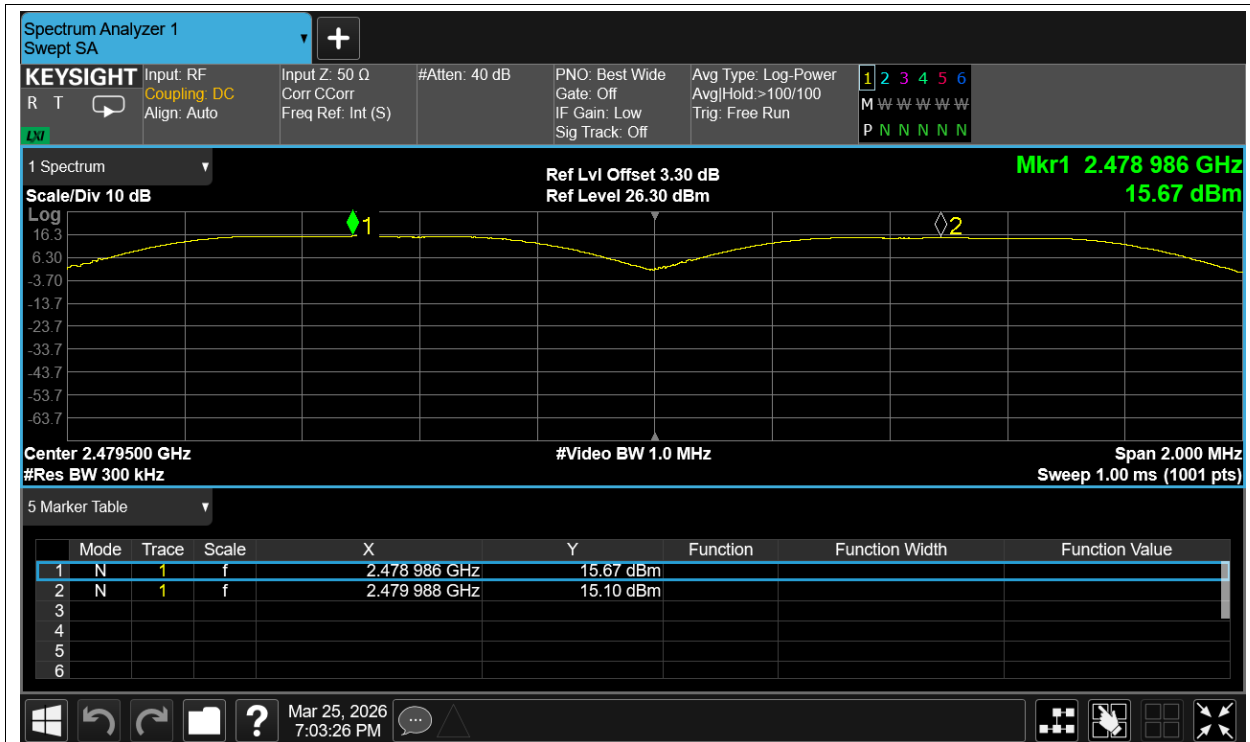
CFS NVNT 1-DH1 2402MHz Ant12



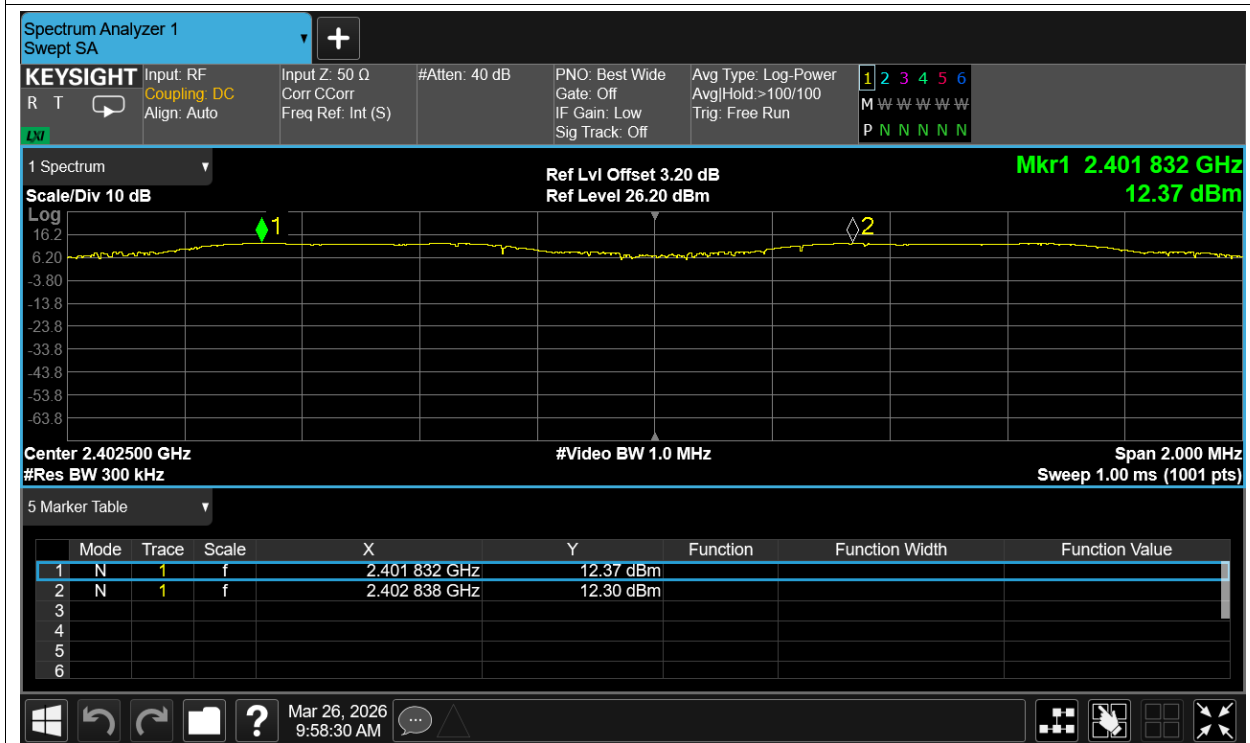
CFS NVNT 1-DH1 2441MHz Ant12



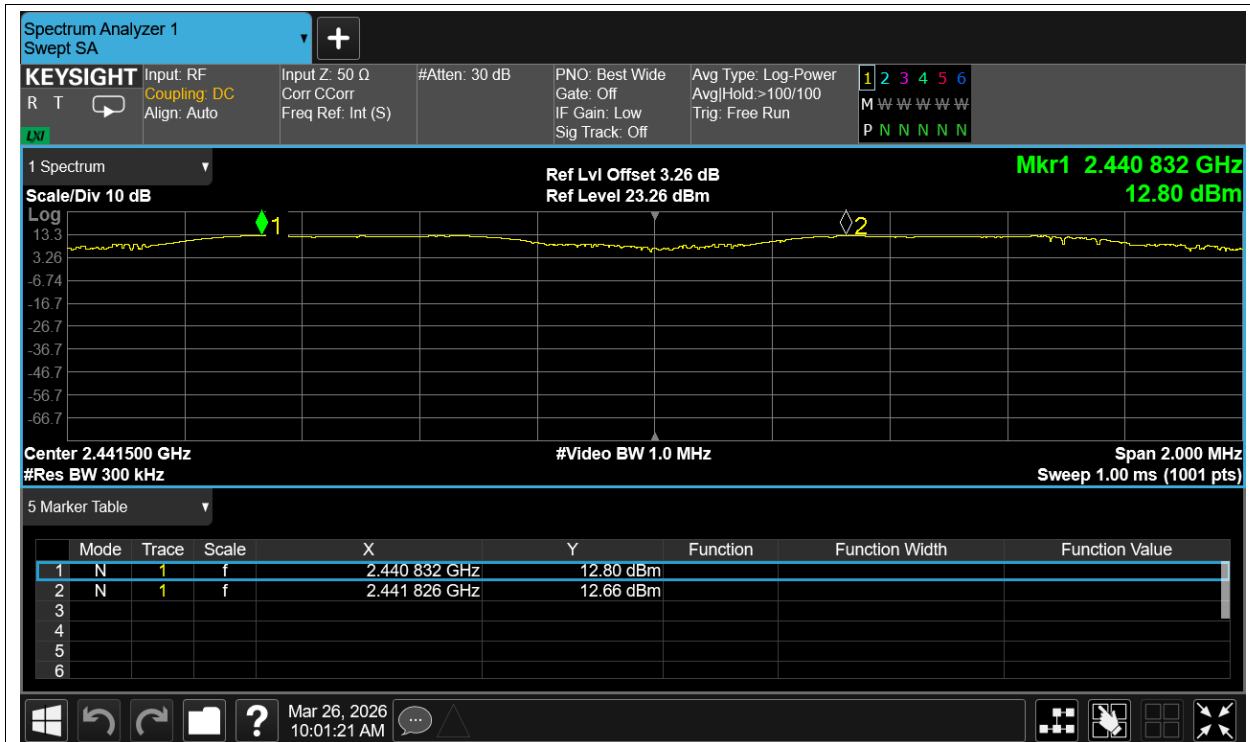
CFS NVNT 1-DH1 2480MHz Ant12



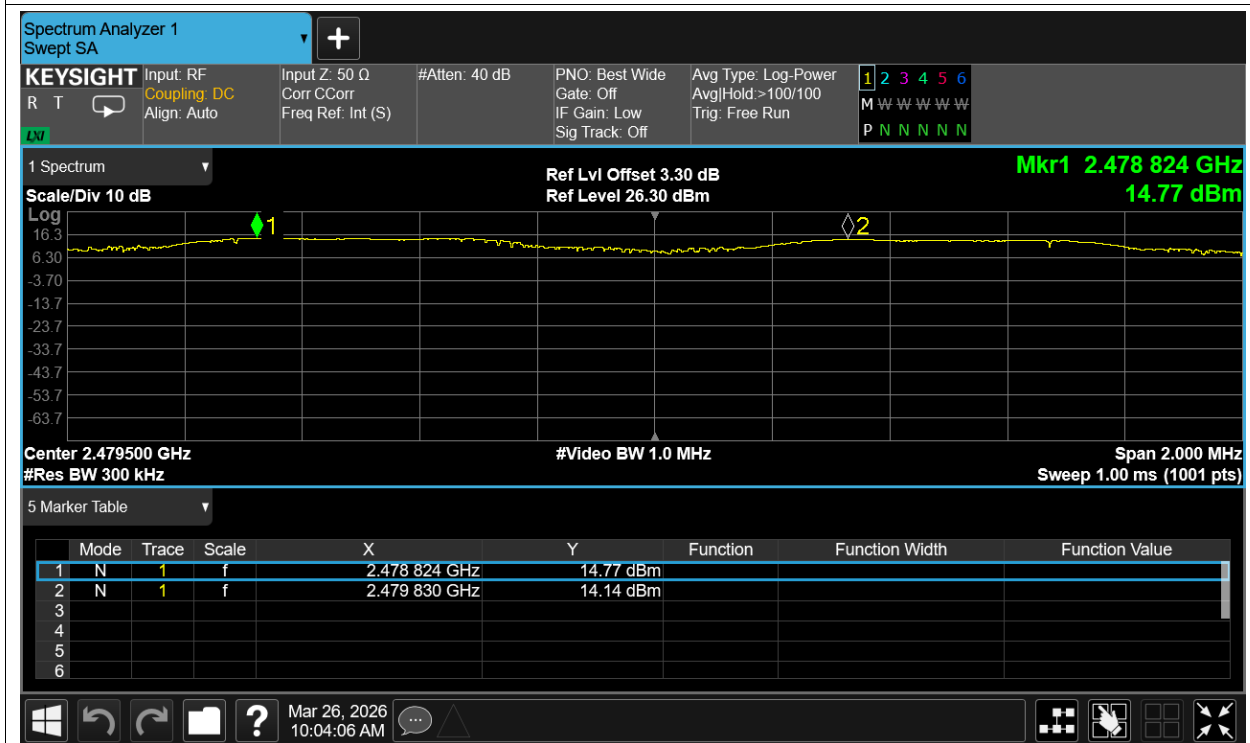
CFS NVNT 2-DH1 2402MHz Ant12



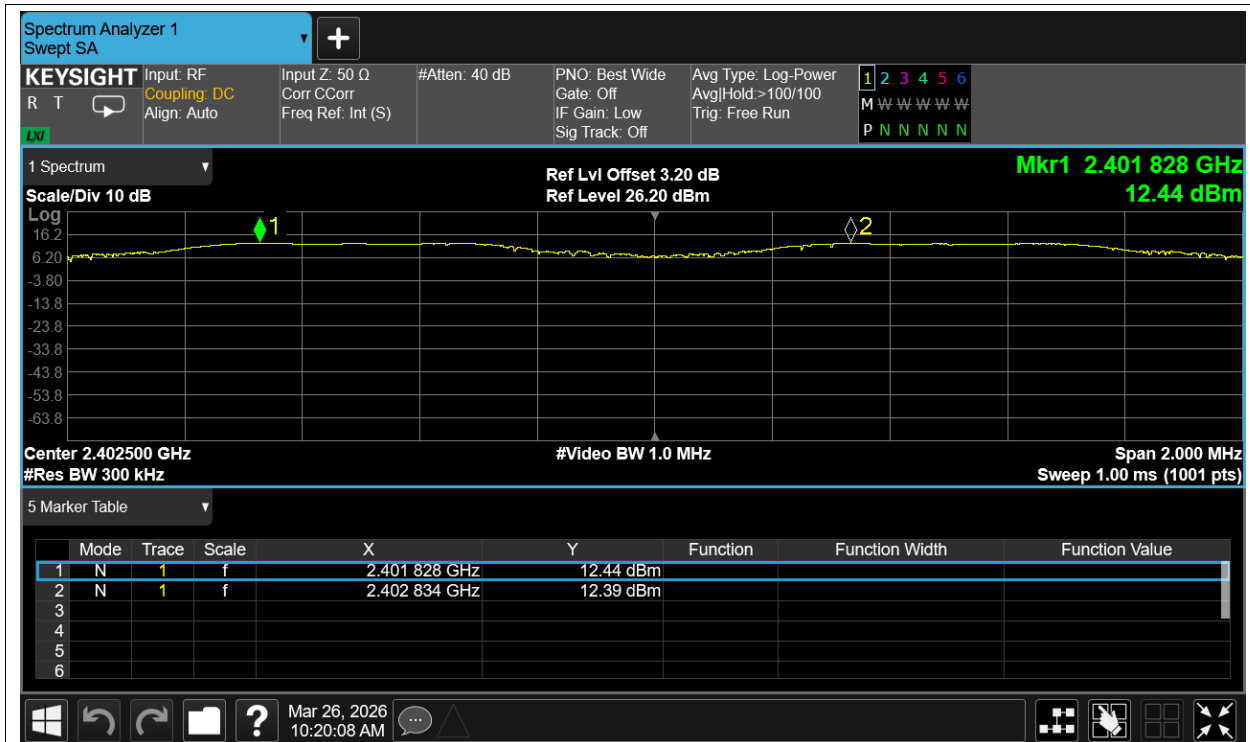
CFS NVNT 2-DH1 2441MHz Ant12



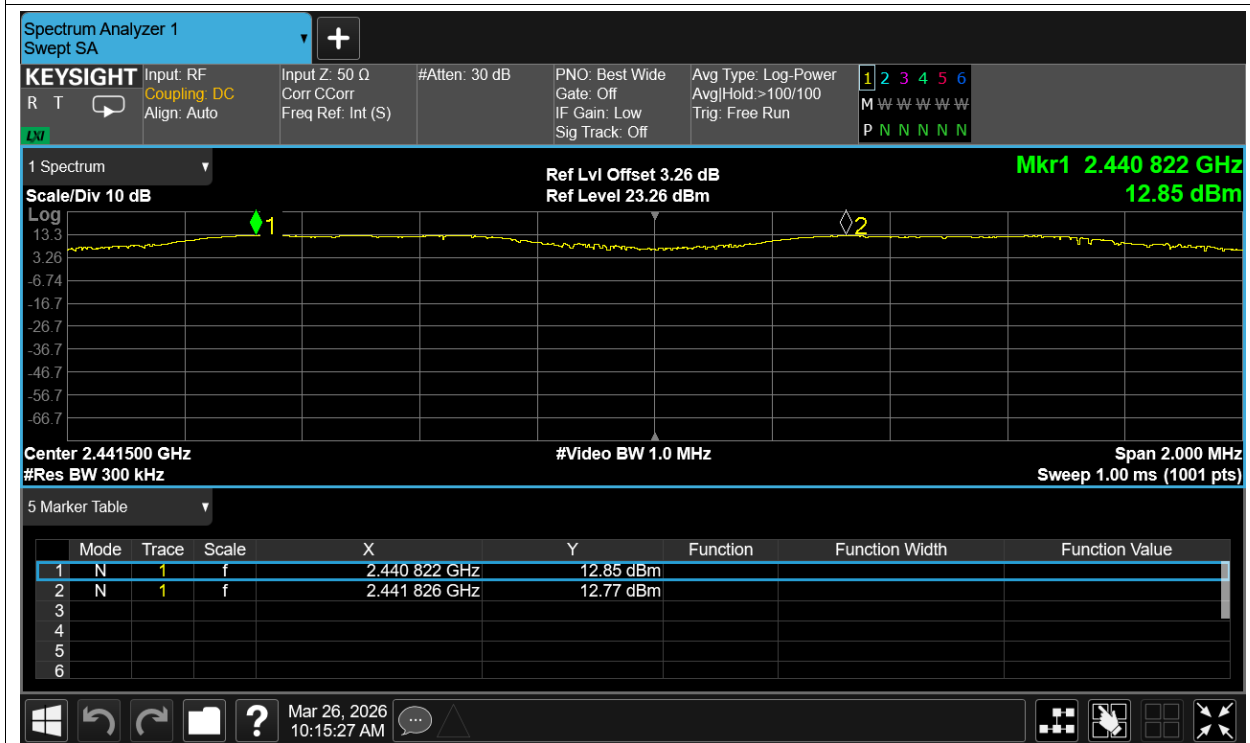
CFS NVNT 2-DH1 2480MHz Ant12



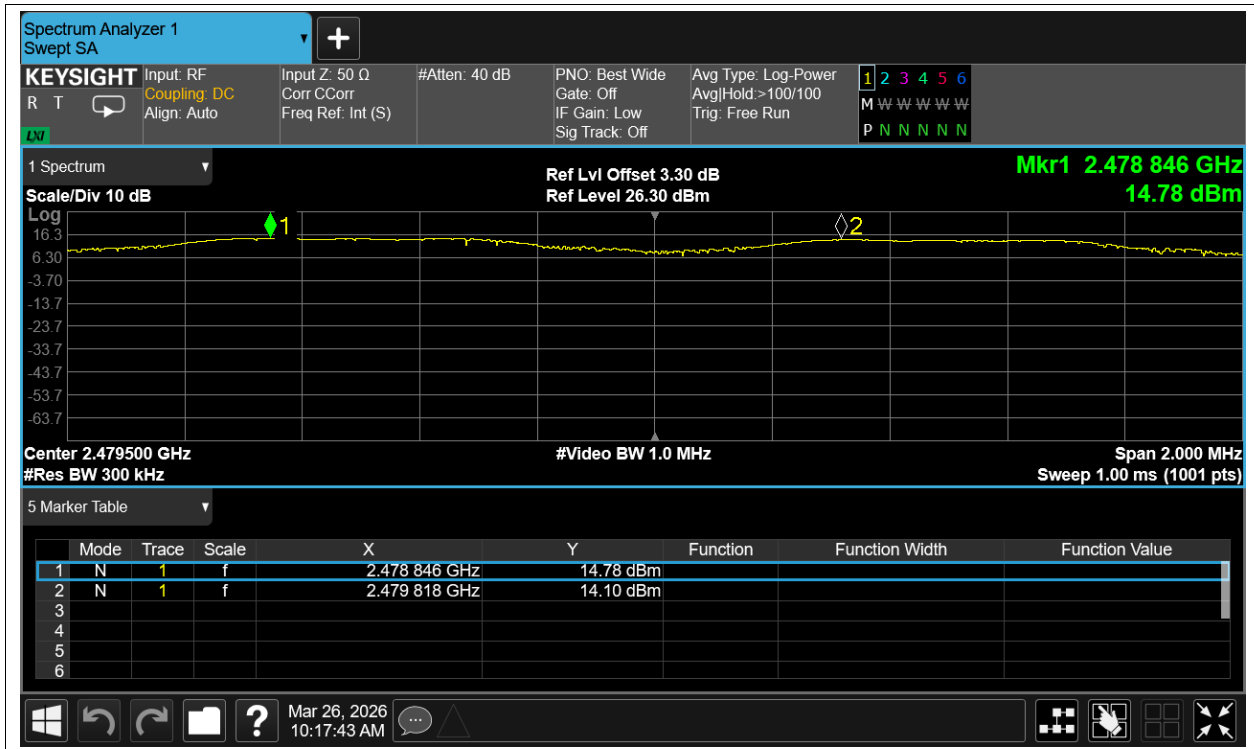
CFS NVNT 3-DH1 2402MHz Ant12



CFS NVNT 3-DH1 2441MHz Ant12



CFS NVNT 3-DH1 2480MHz Ant12

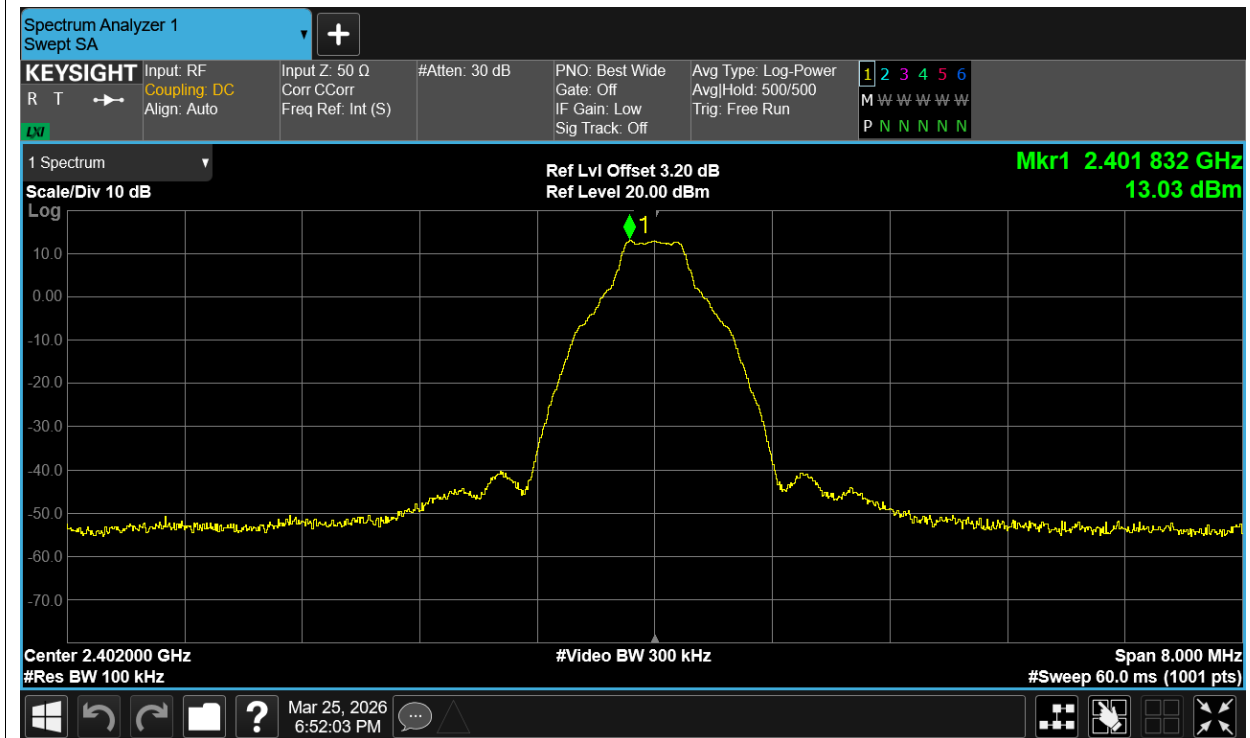


Band Edge

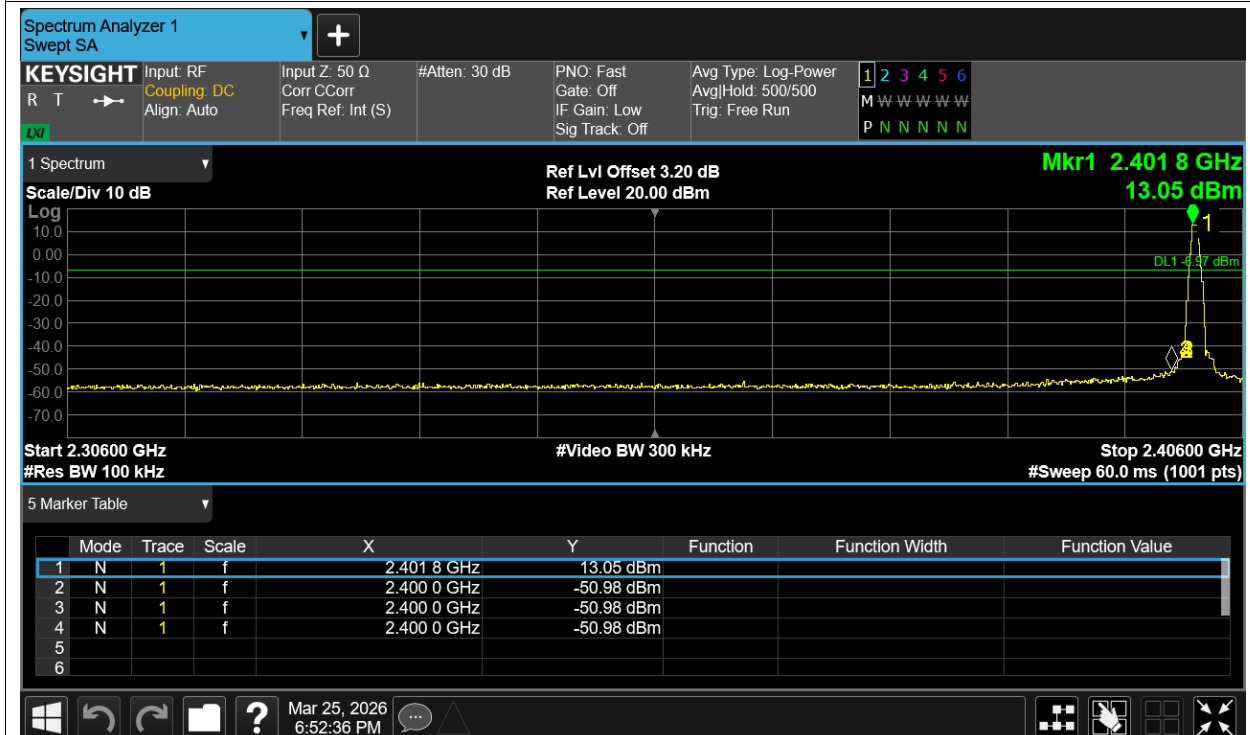
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant12	No-Hopping	-64.01	-20	Pass
NVNT	1-DH1	2480	Ant12	No-Hopping	-67.23	-20	Pass
NVNT	2-DH1	2402	Ant12	No-Hopping	-63.21	-20	Pass
NVNT	2-DH1	2480	Ant12	No-Hopping	-67.35	-20	Pass
NVNT	3-DH1	2402	Ant12	No-Hopping	-62.99	-20	Pass
NVNT	3-DH1	2480	Ant12	No-Hopping	-66.86	-20	Pass

Test Graphs

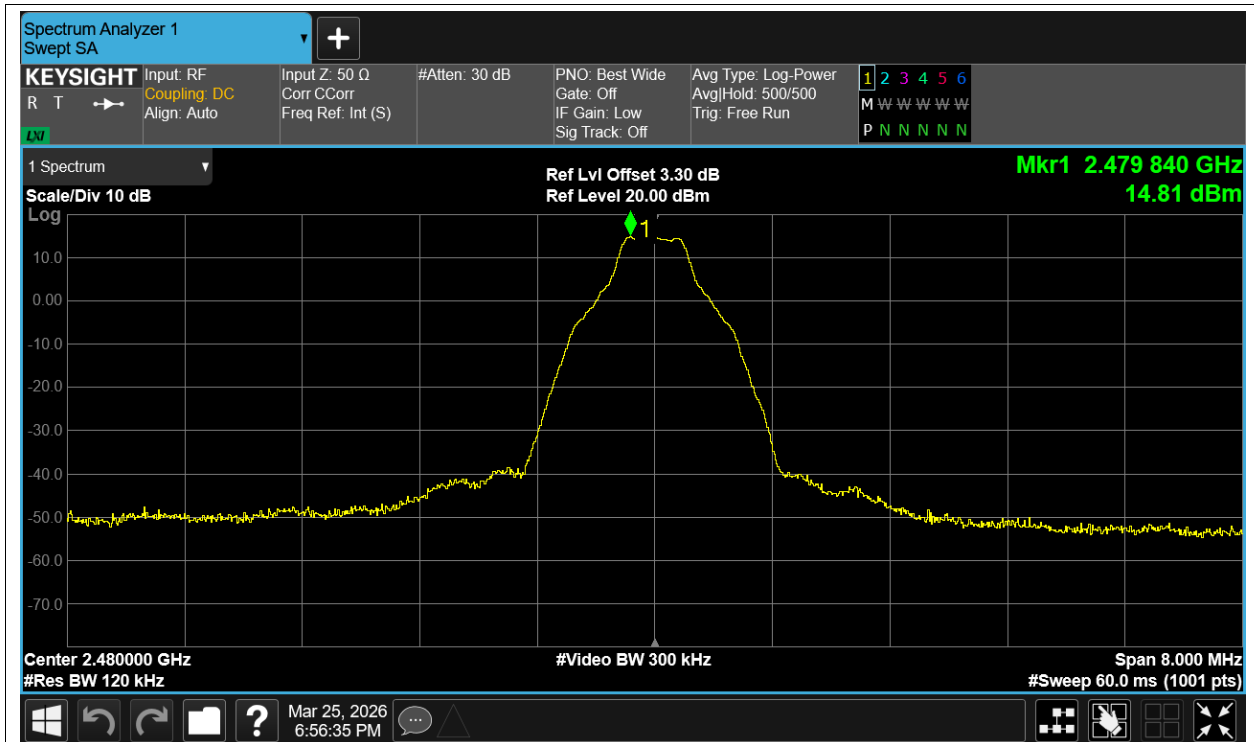
Band Edge NVNT 1-DH1 2402MHz Ant12 No-Hopping Ref



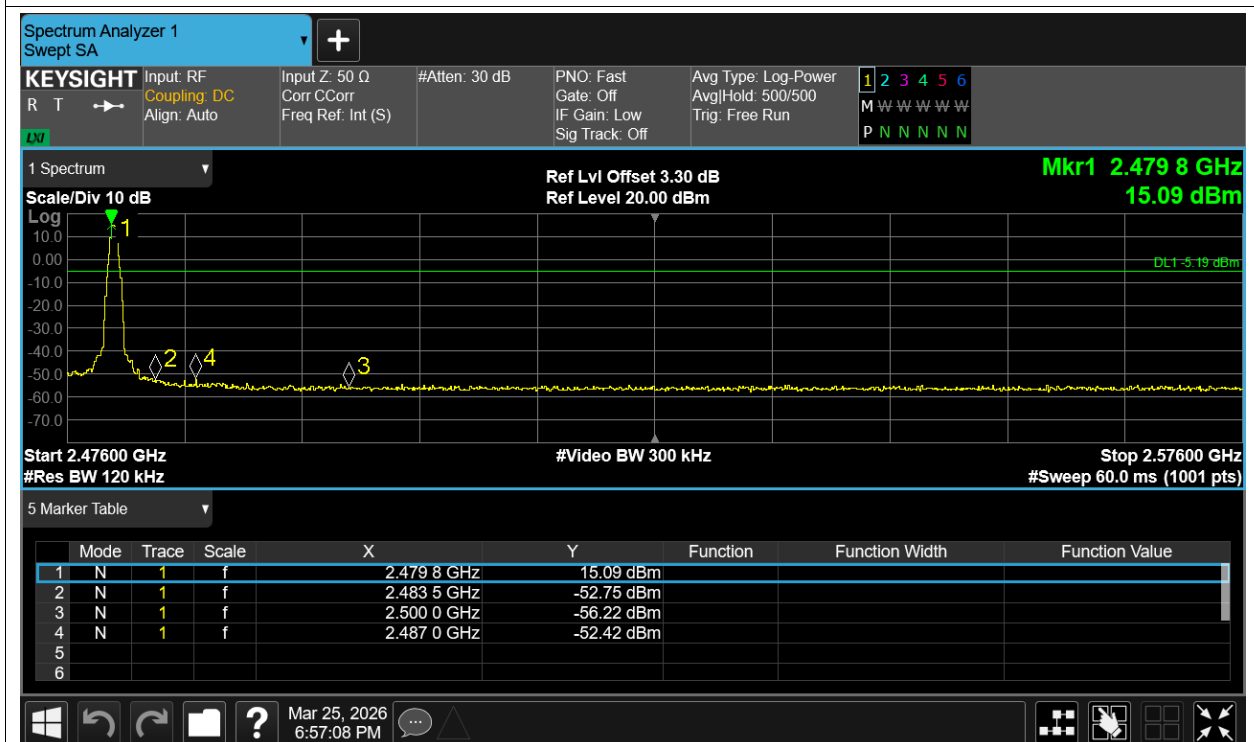
Band Edge NVNT 1-DH1 2402MHz Ant12 No-Hopping Emission



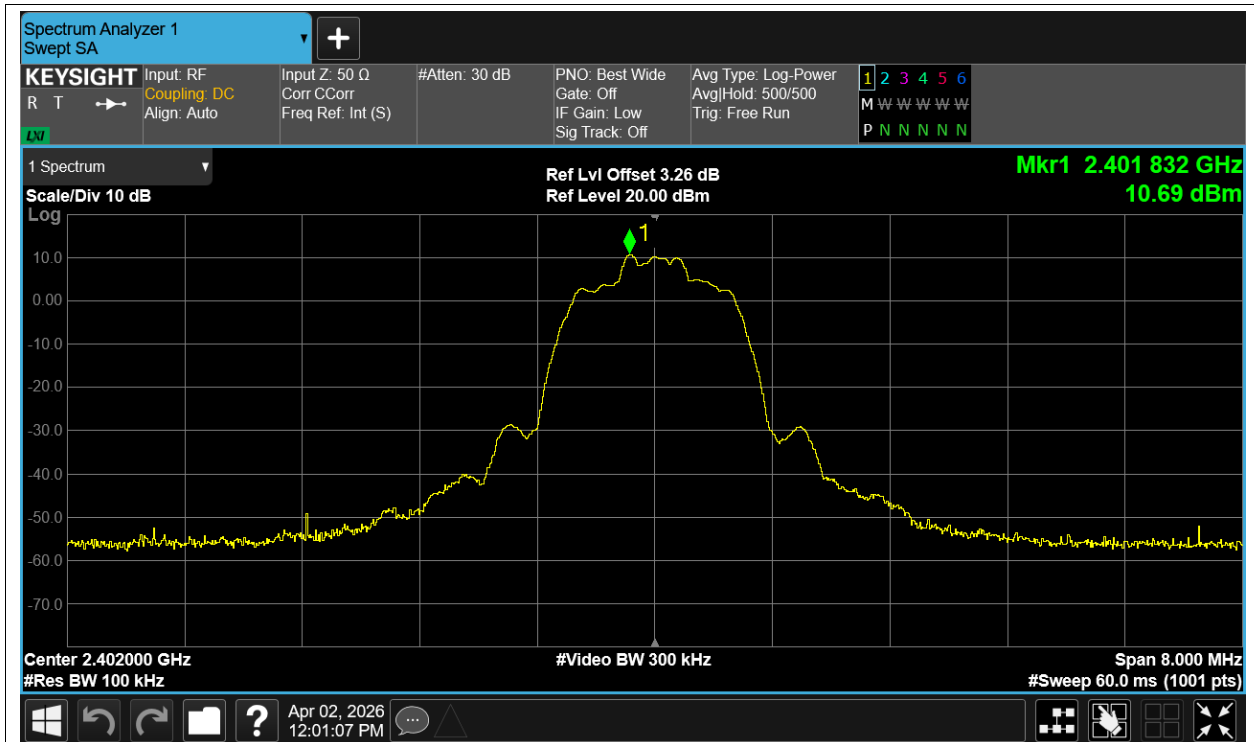
Band Edge NVNT 1-DH1 2480MHz Ant12 No-Hopping Ref



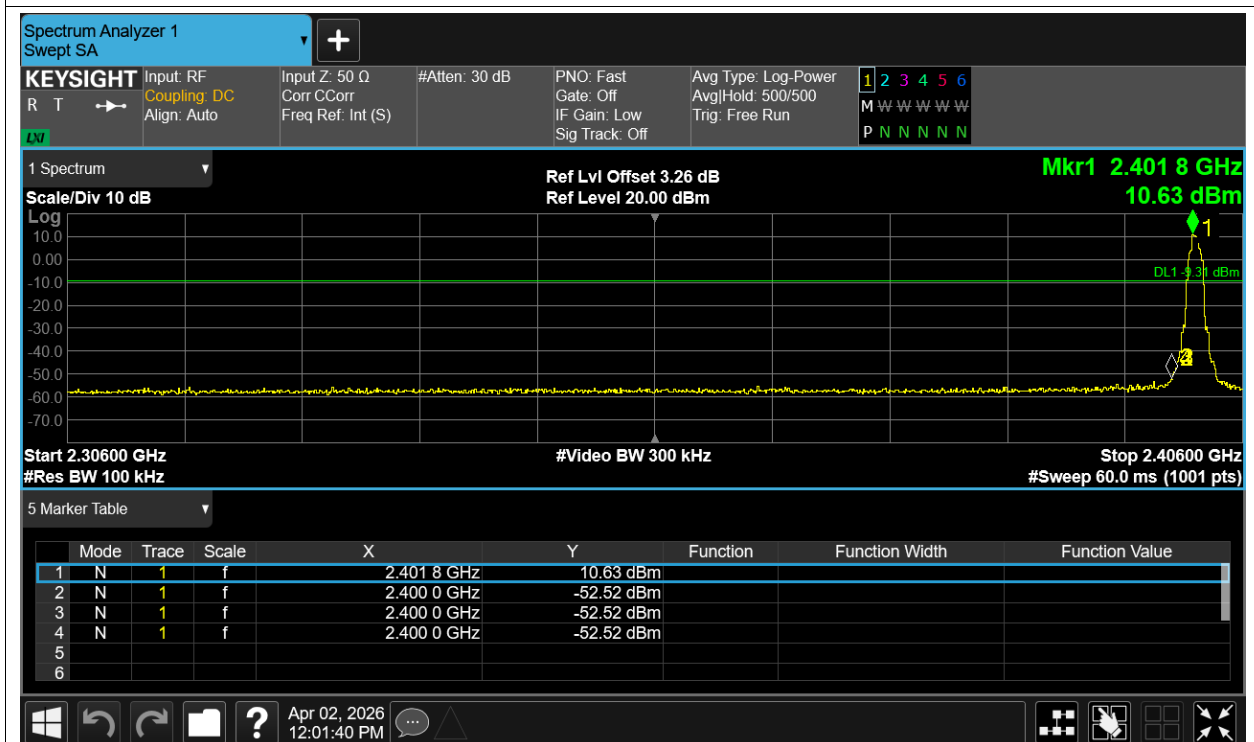
Band Edge NVNT 1-DH1 2480MHz Ant12 No-Hopping Emission



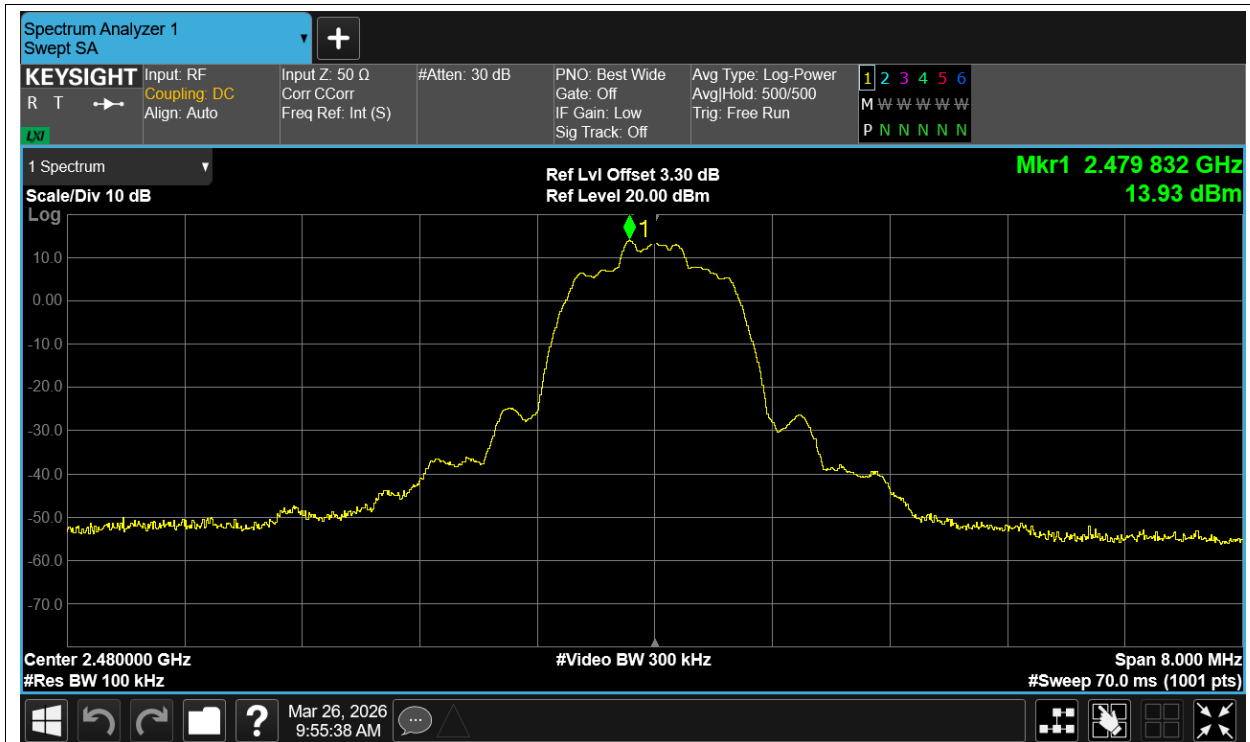
Band Edge NVNT 2-DH1 2402MHz Ant12 No-Hopping Ref



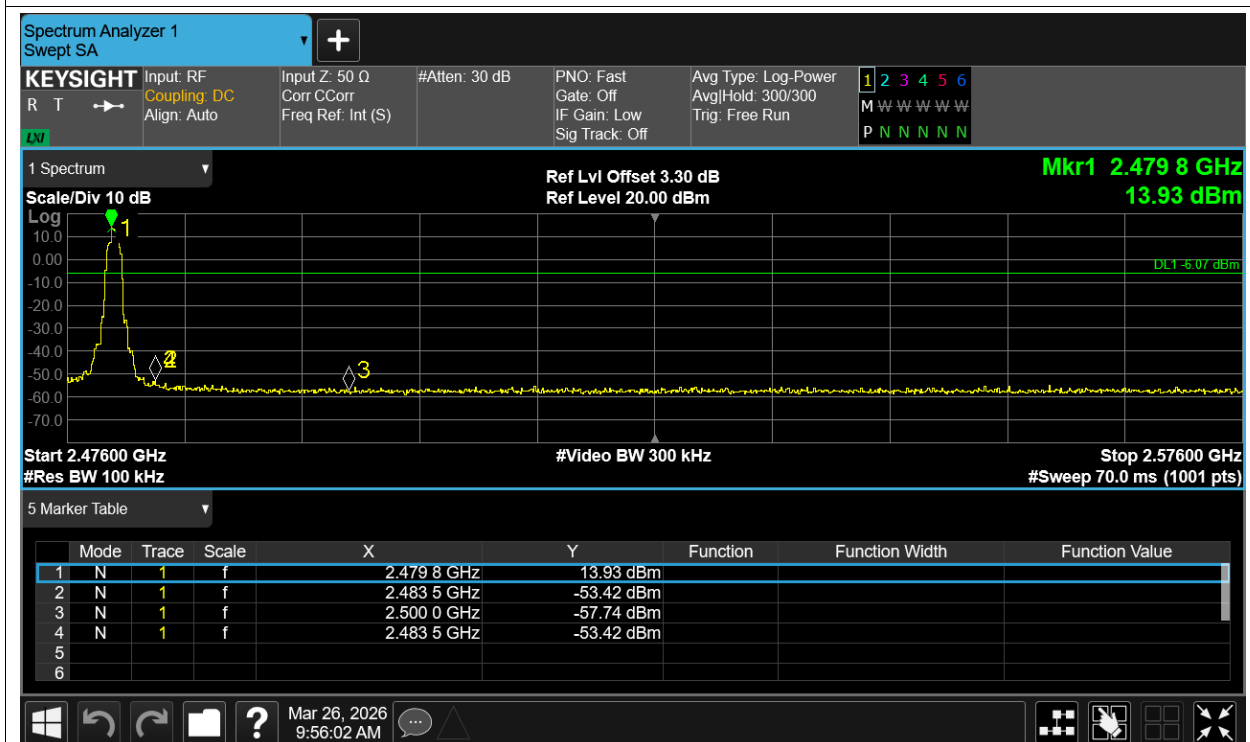
Band Edge NVNT 2-DH1 2402MHz Ant12 No-Hopping Emission



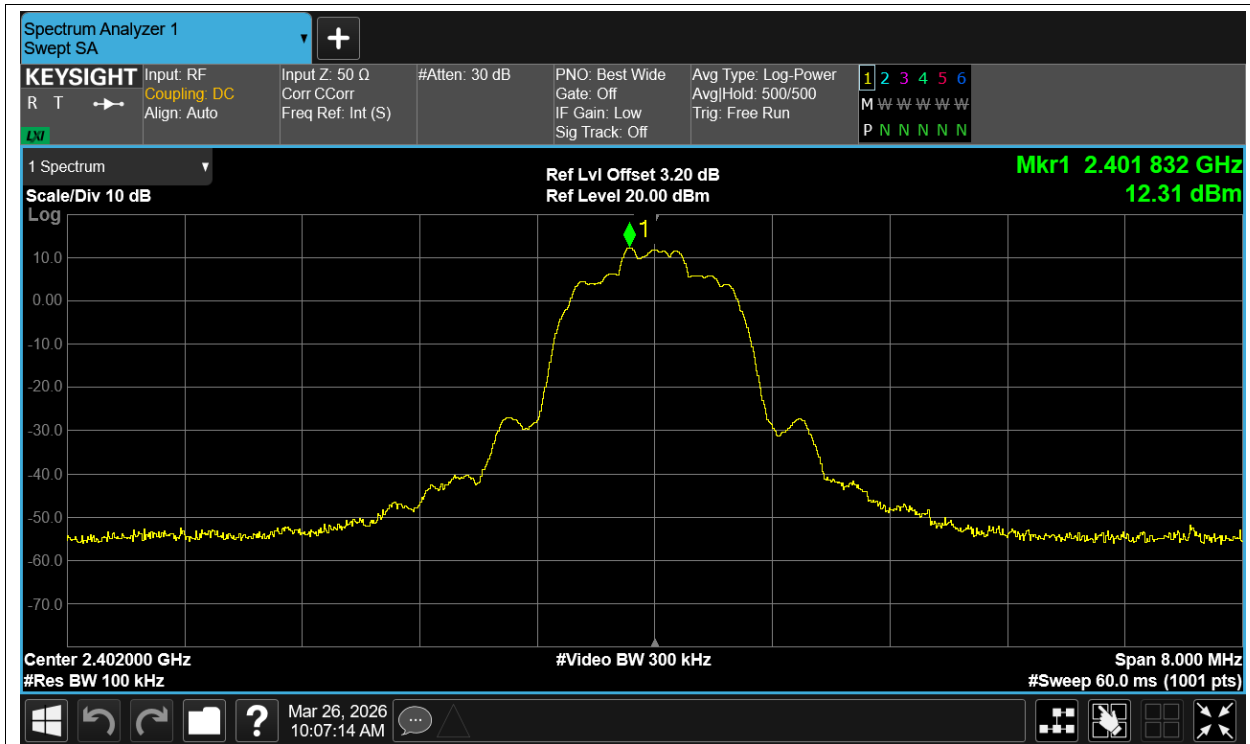
Band Edge NVNT 2-DH1 2480MHz Ant12 No-Hopping Ref



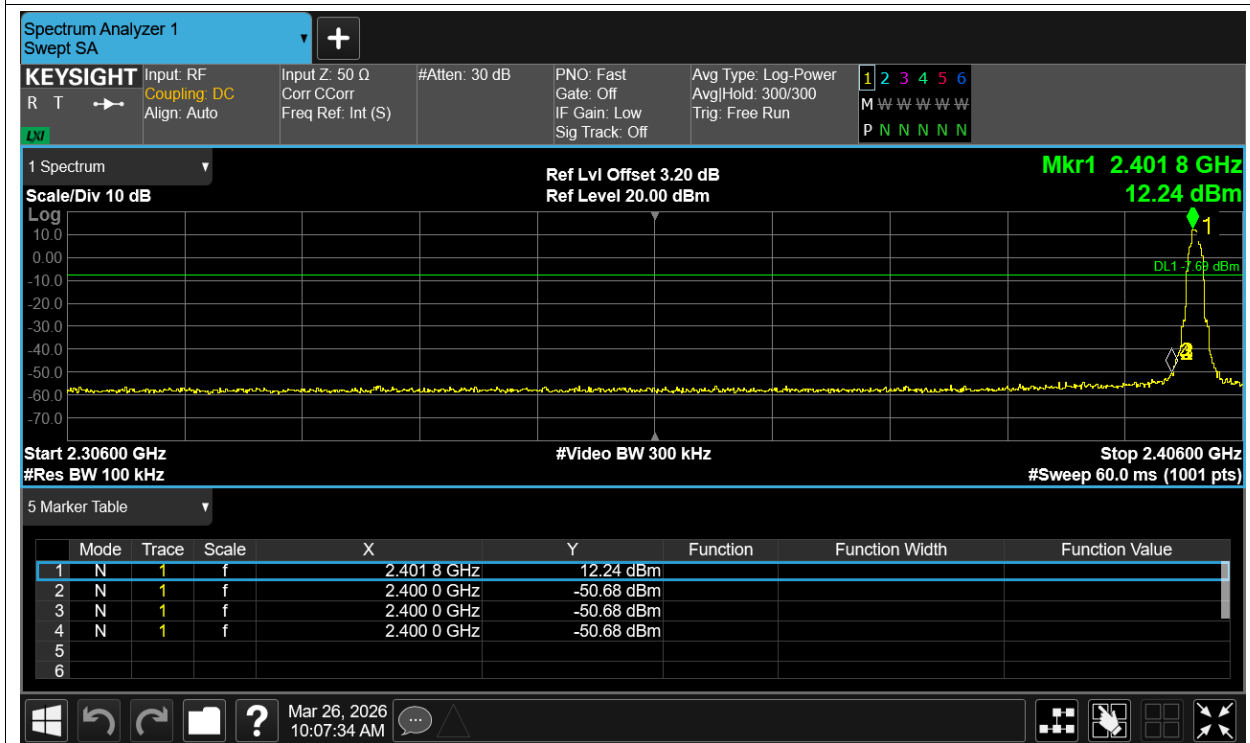
Band Edge NVNT 2-DH1 2480MHz Ant12 No-Hopping Emission



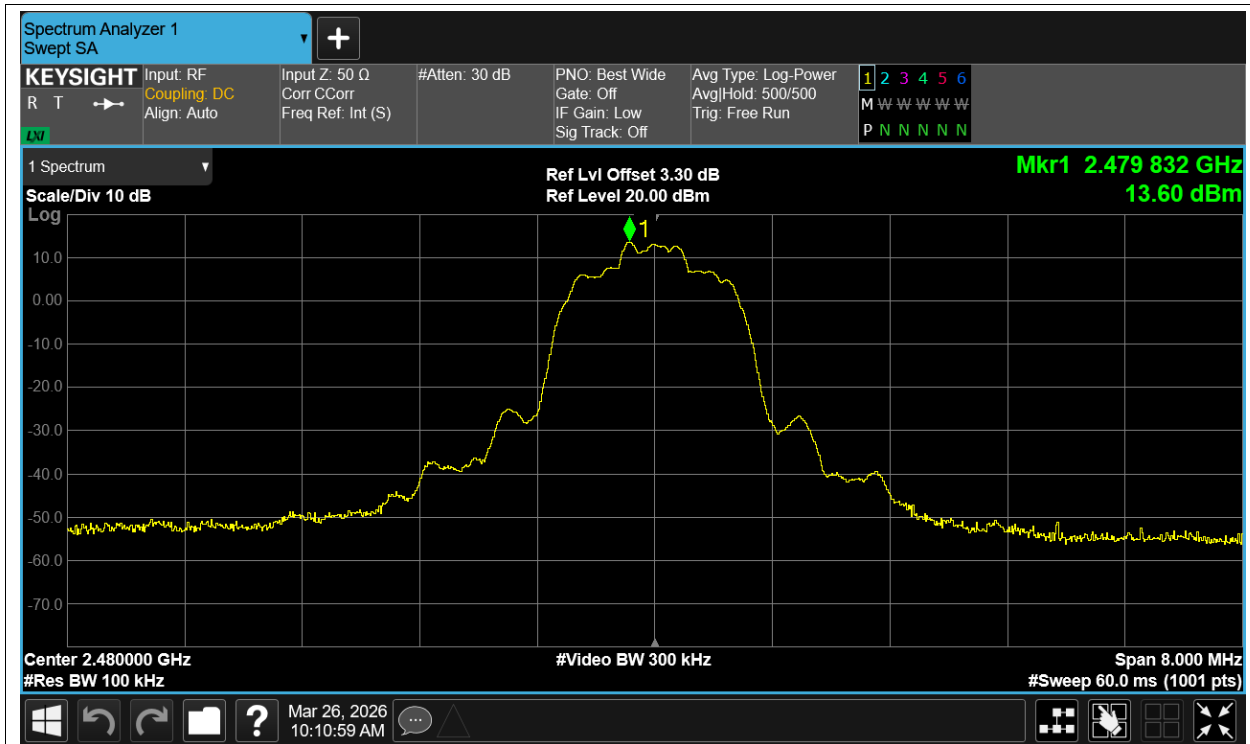
Band Edge NVNT 3-DH1 2402MHz Ant12 No-Hopping Ref



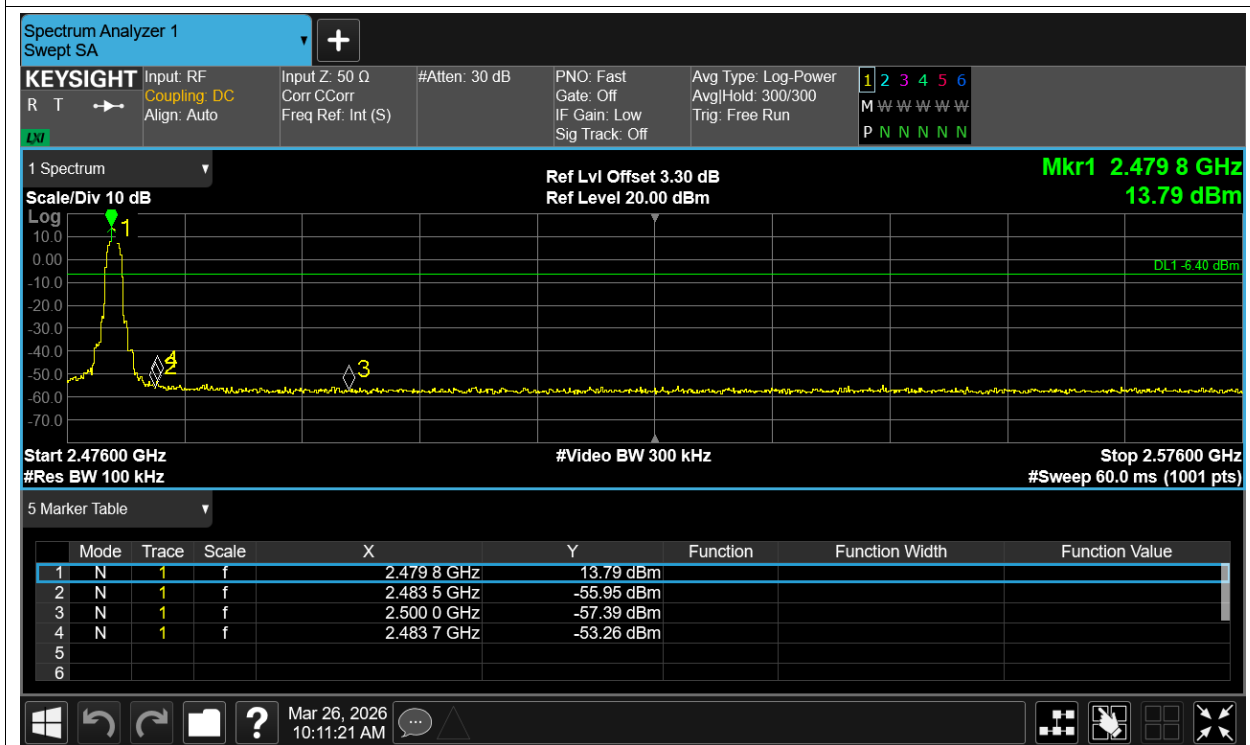
Band Edge NVNT 3-DH1 2402MHz Ant12 No-Hopping Emission



Band Edge NVNT 3-DH1 2480MHz Ant12 No-Hopping Ref



Band Edge NVNT 3-DH1 2480MHz Ant12 No-Hopping Emission

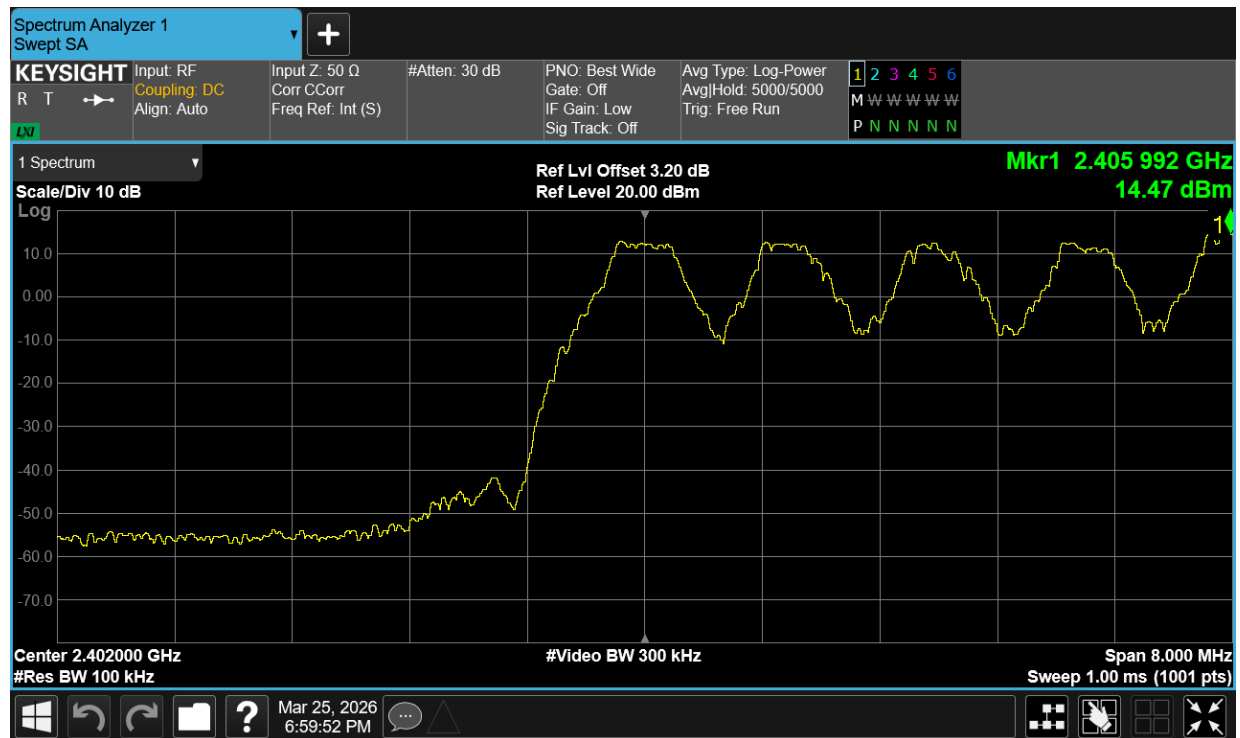


Band Edge(Hopping)

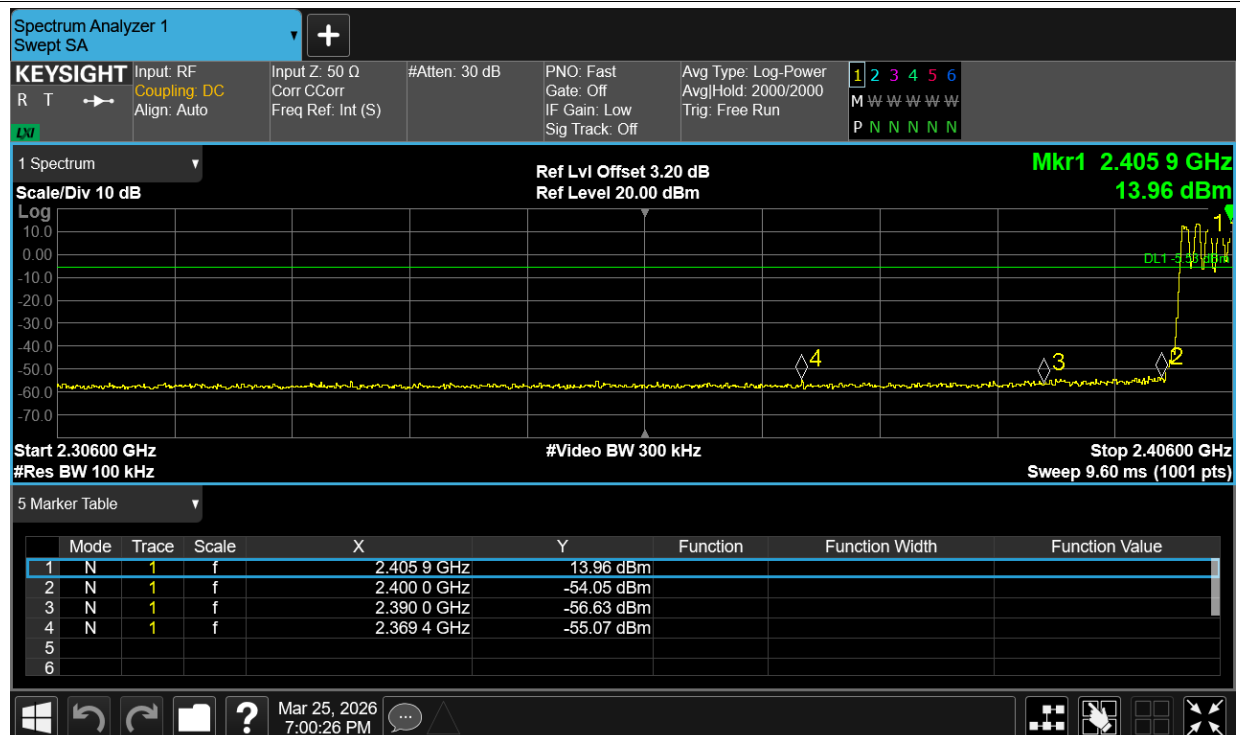
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant12	Hopping	-69.54	-20	Pass
NVNT	1-DH1	2480	Ant12	Hopping	-70.71	-20	Pass
NVNT	2-DH1	2402	Ant12	Hopping	-68.73	-20	Pass
NVNT	2-DH1	2480	Ant12	Hopping	-69.53	-20	Pass
NVNT	3-DH1	2402	Ant12	Hopping	-66.26	-20	Pass
NVNT	3-DH1	2480	Ant12	Hopping	-69.79	-20	Pass

Test Graphs

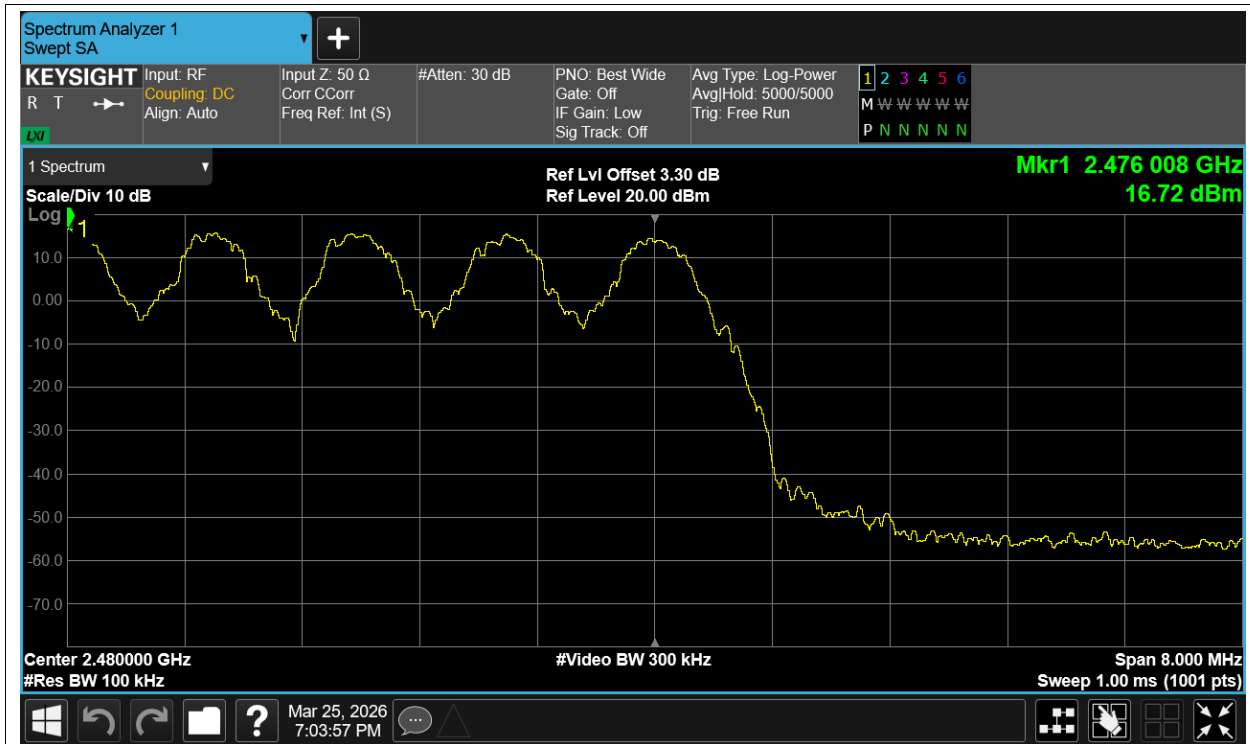
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant12 Hopping Ref



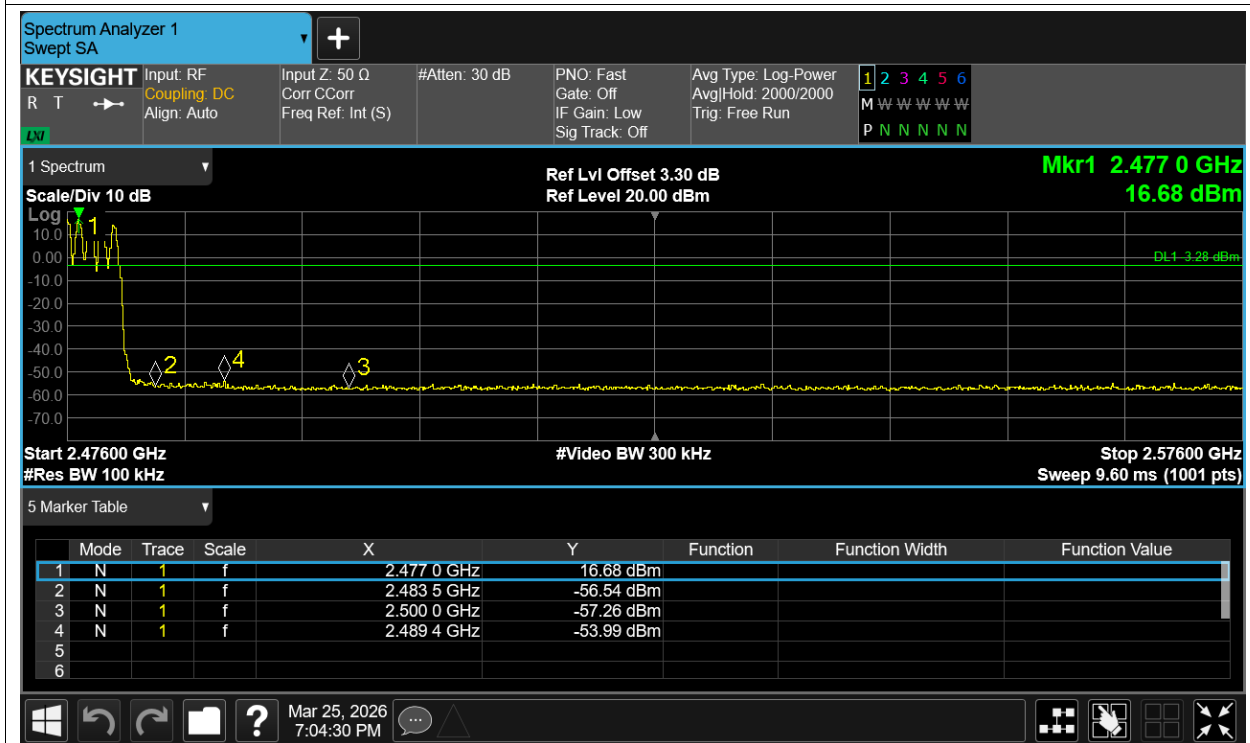
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant12 Hopping Emission



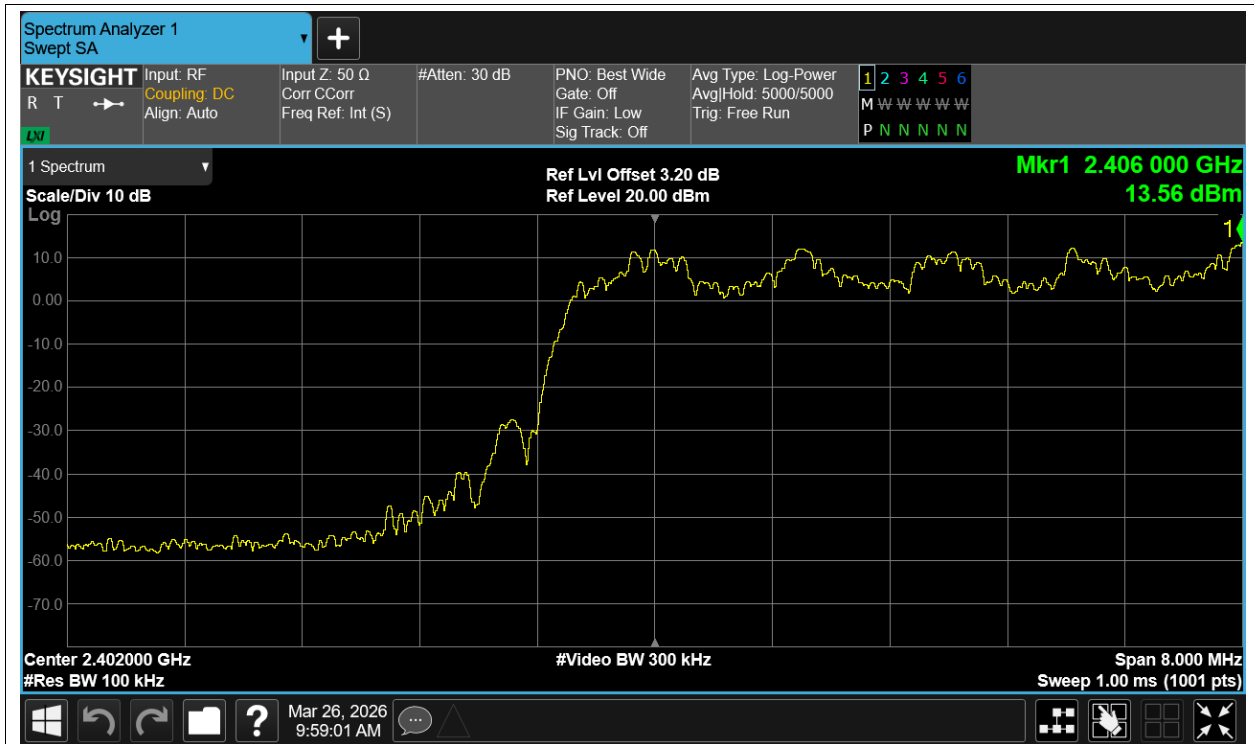
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant12 Hopping Ref



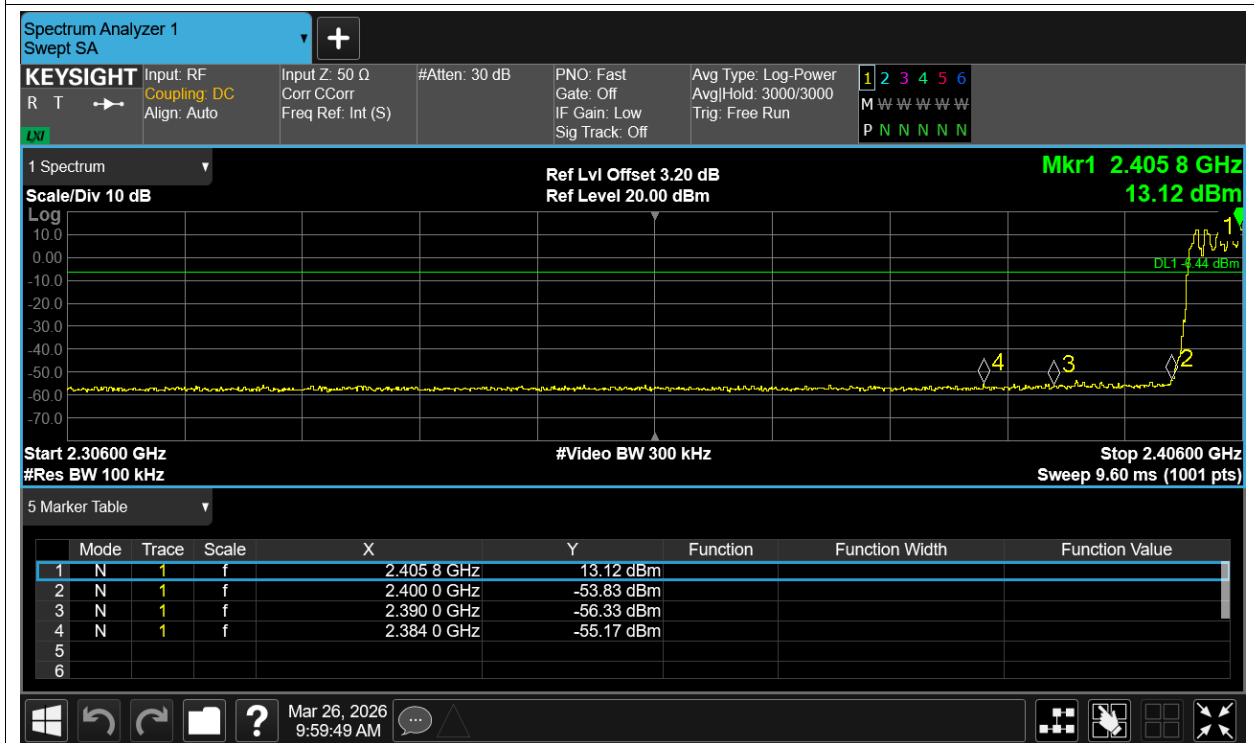
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant12 Hopping Emission



Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant12 Hopping Ref



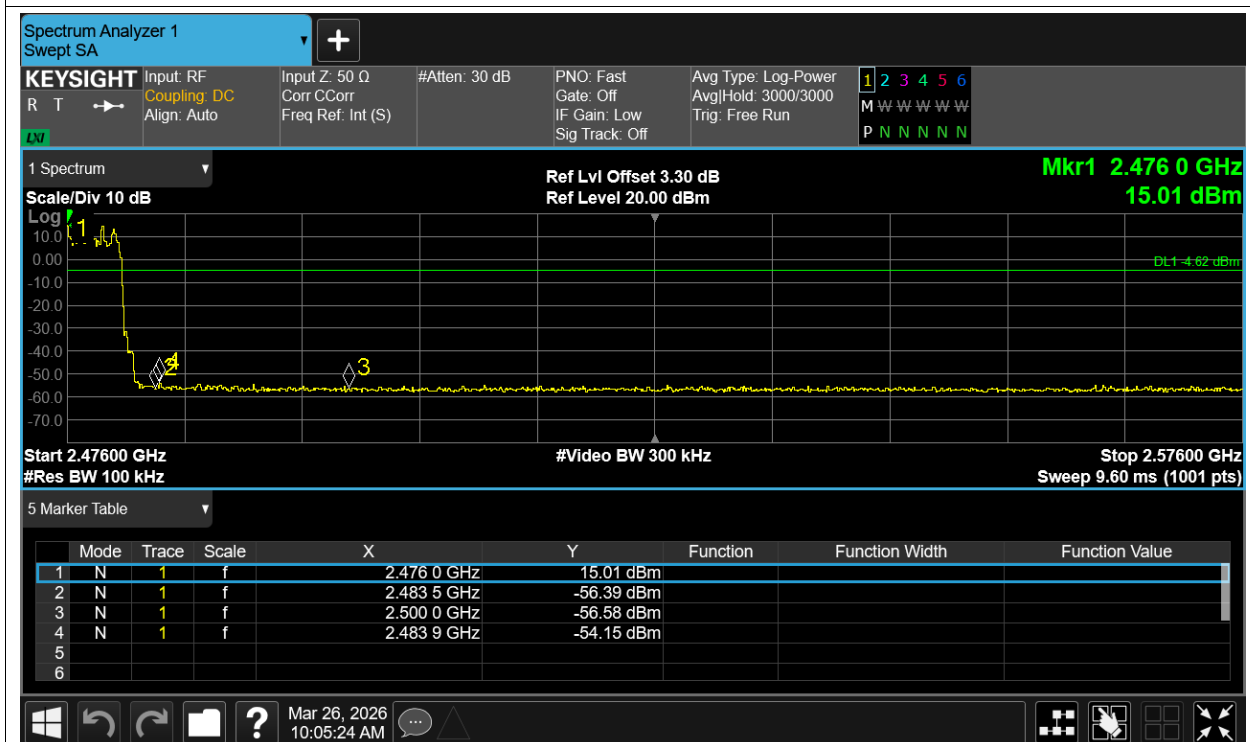
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant12 Hopping Emission



Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant12 Hopping Ref



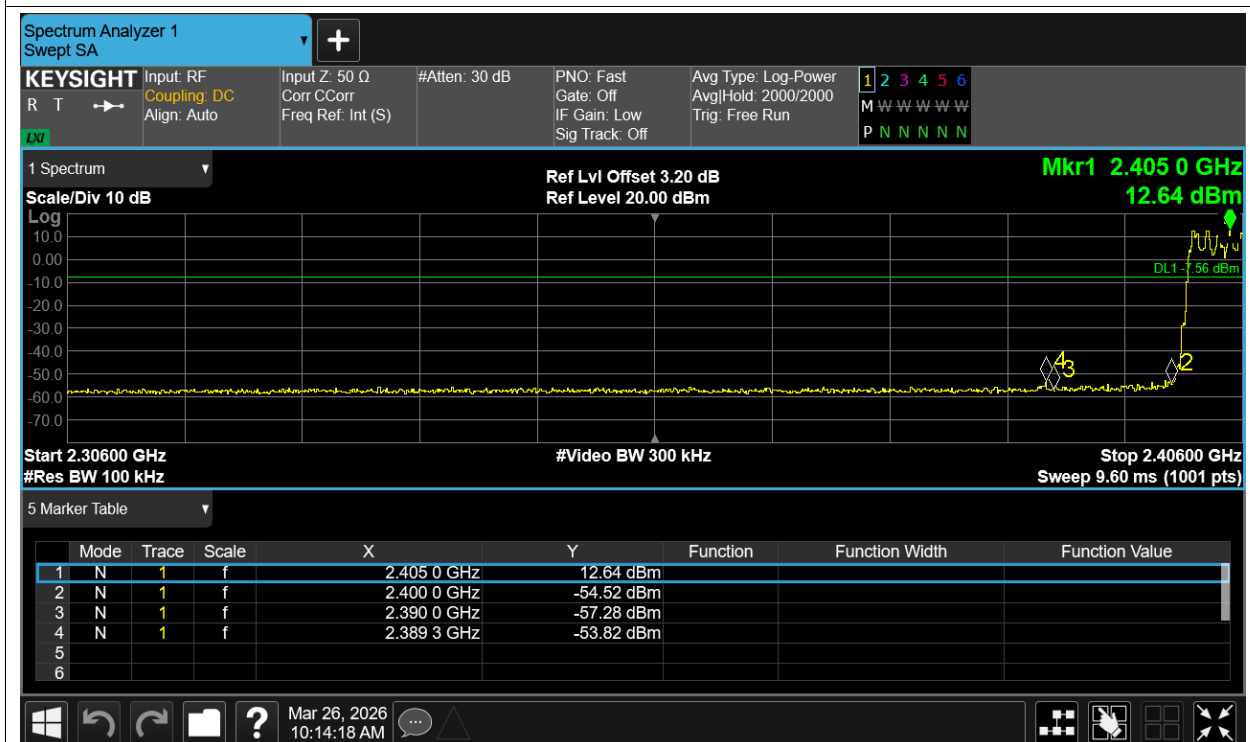
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant12 Hopping Emission



Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant12 Hopping Ref



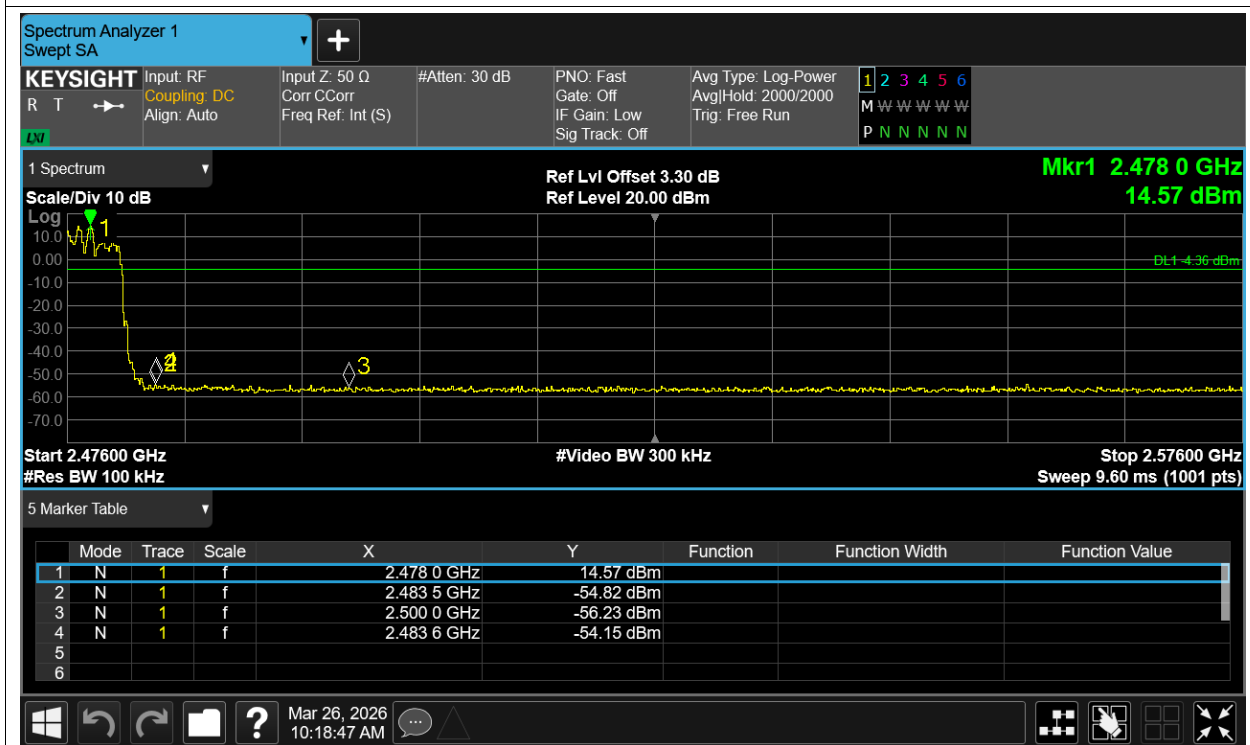
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant12 Hopping Emission



Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant12 Hopping Ref



Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant12 Hopping Emission

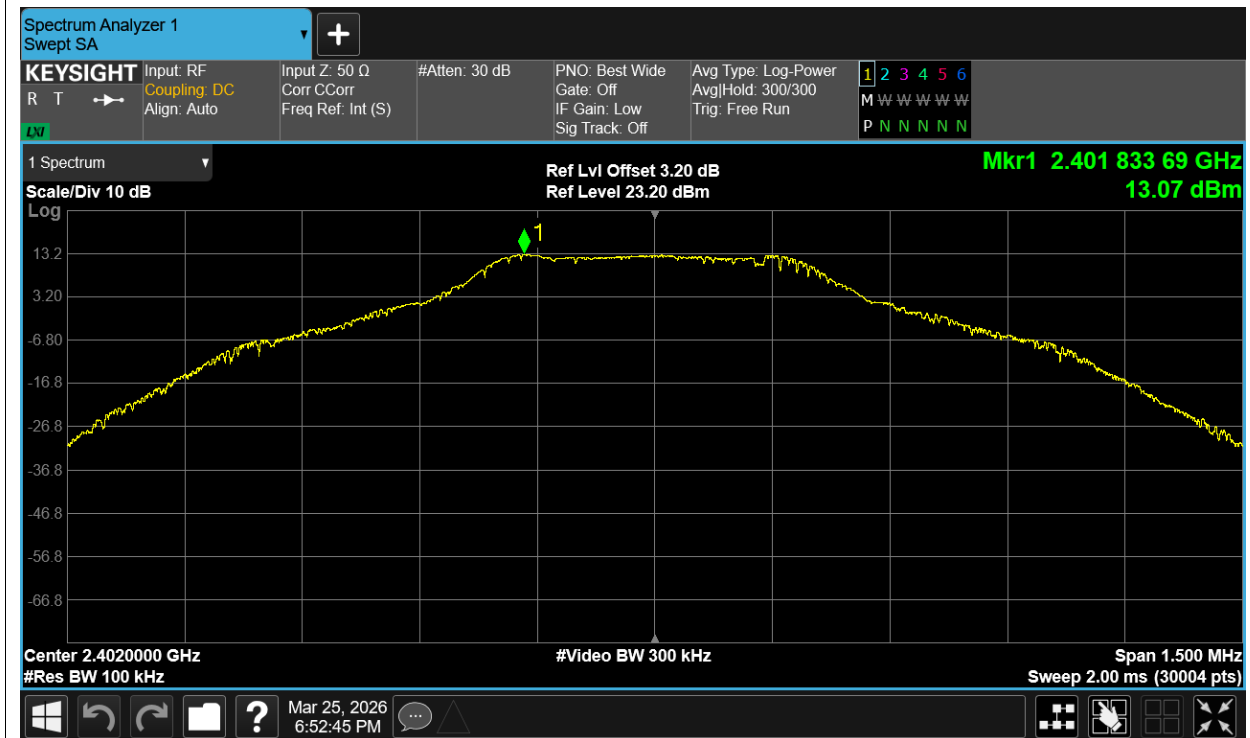


Conducted RF Spurious Emission

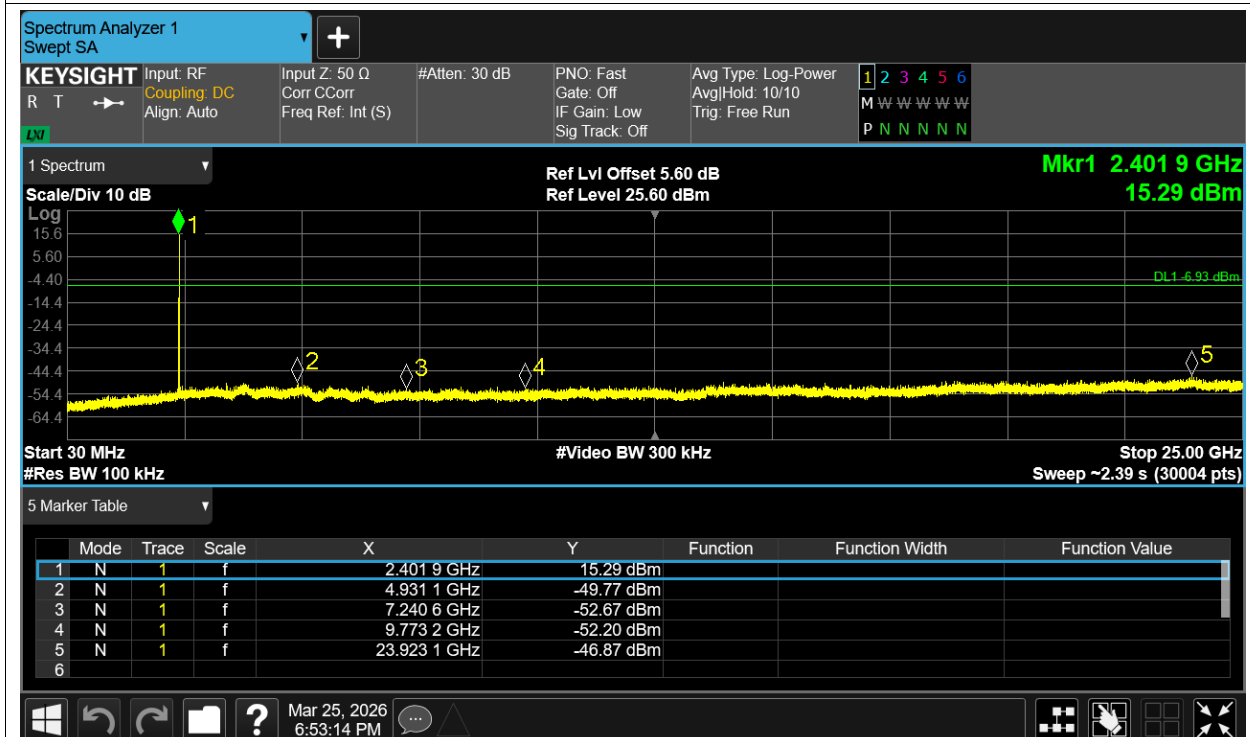
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant12	-59.94	-20	Pass
NVNT	1-DH1	2441	Ant12	-60.43	-20	Pass
NVNT	1-DH1	2480	Ant12	-62.02	-20	Pass
NVNT	2-DH1	2402	Ant12	-59.56	-20	Pass
NVNT	2-DH1	2441	Ant12	-59.41	-20	Pass
NVNT	2-DH1	2480	Ant12	-61.35	-20	Pass
NVNT	3-DH1	2402	Ant12	-58.16	-20	Pass
NVNT	3-DH1	2441	Ant12	-59.85	-20	Pass
NVNT	3-DH1	2480	Ant12	-61.03	-20	Pass

Test Graphs

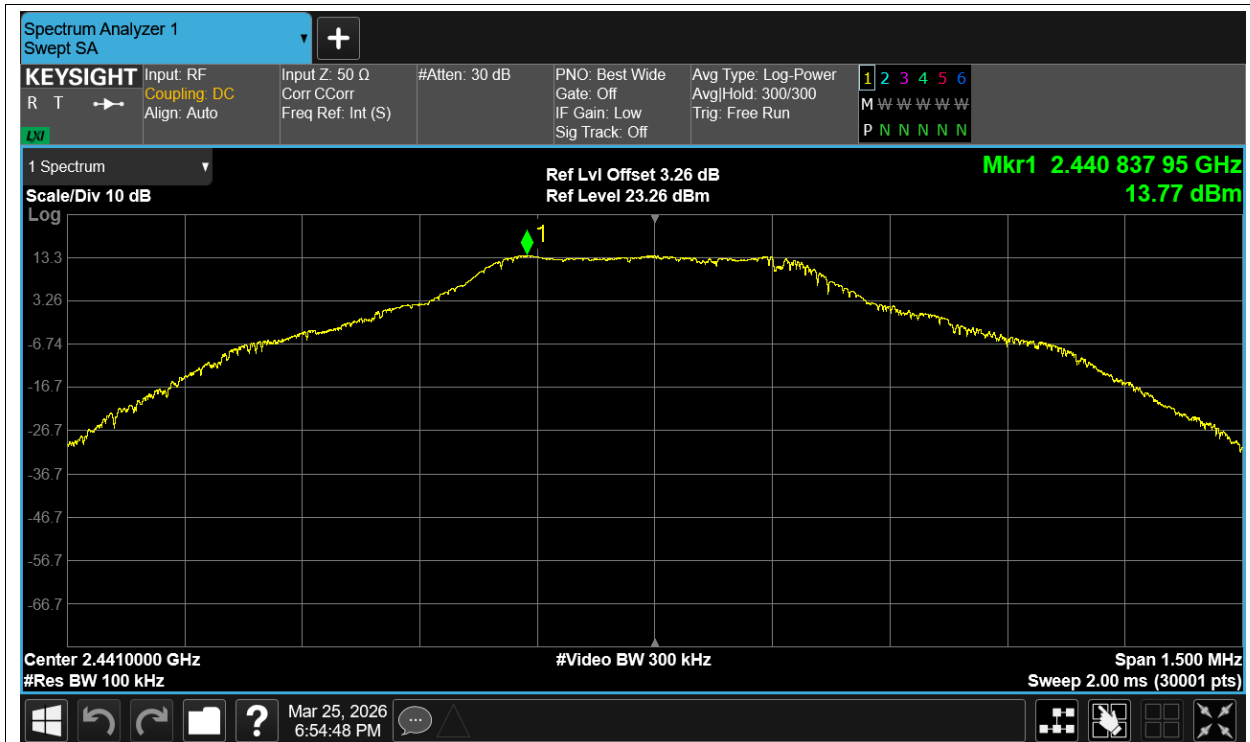
Tx. Spurious NVNT 1-DH1 2402MHz Ant12 Ref



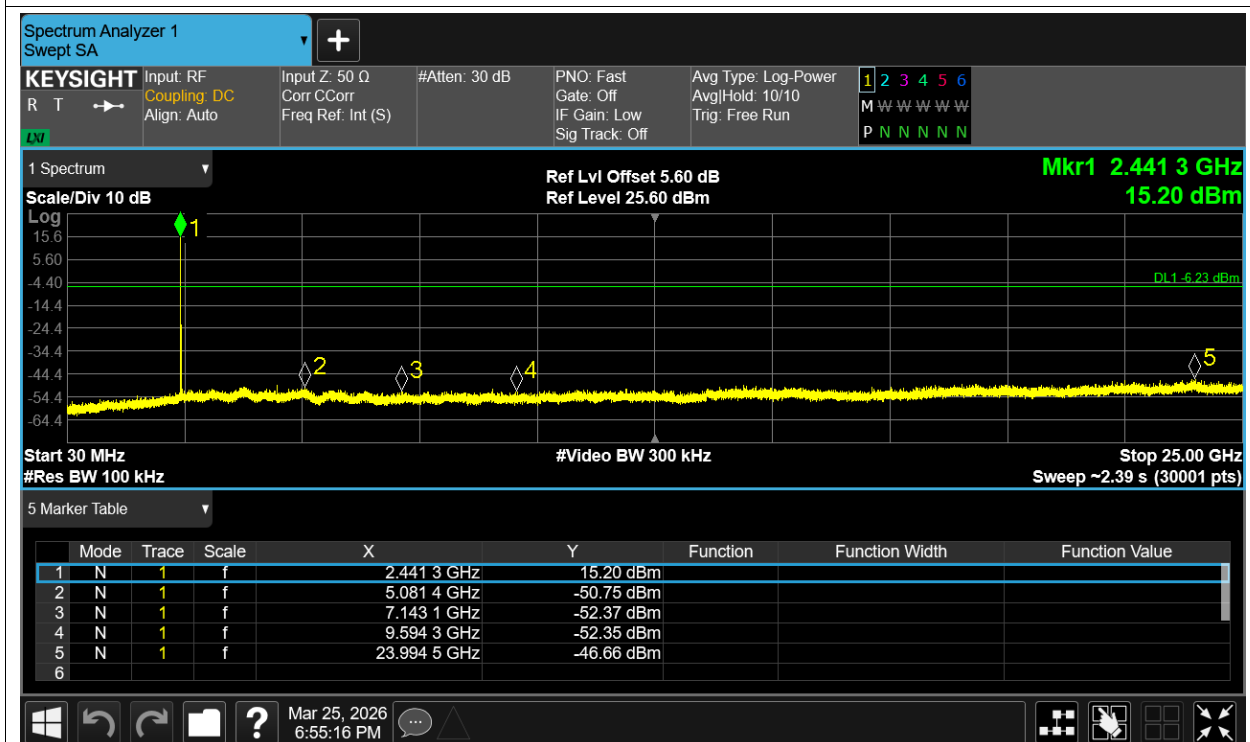
Tx. Spurious NVNT 1-DH1 2402MHz Ant12 Emission



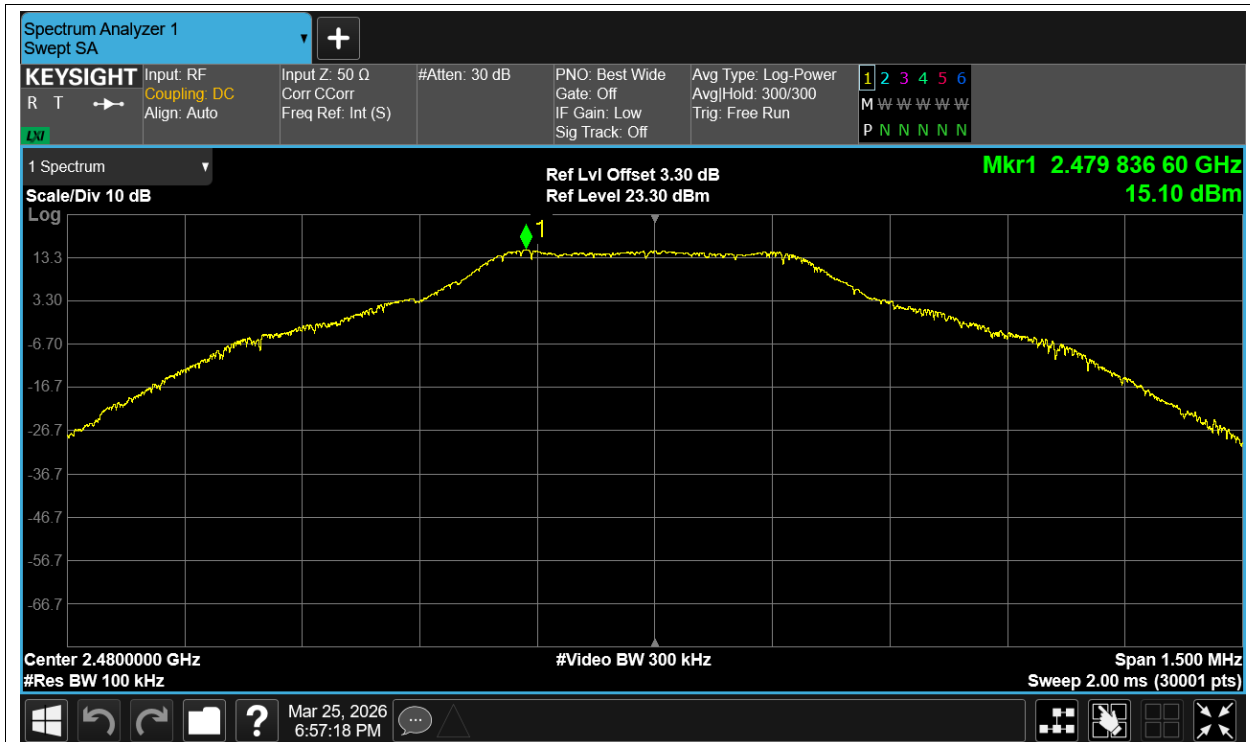
Tx. Spurious NVNT 1-DH1 2441MHz Ant12 Ref



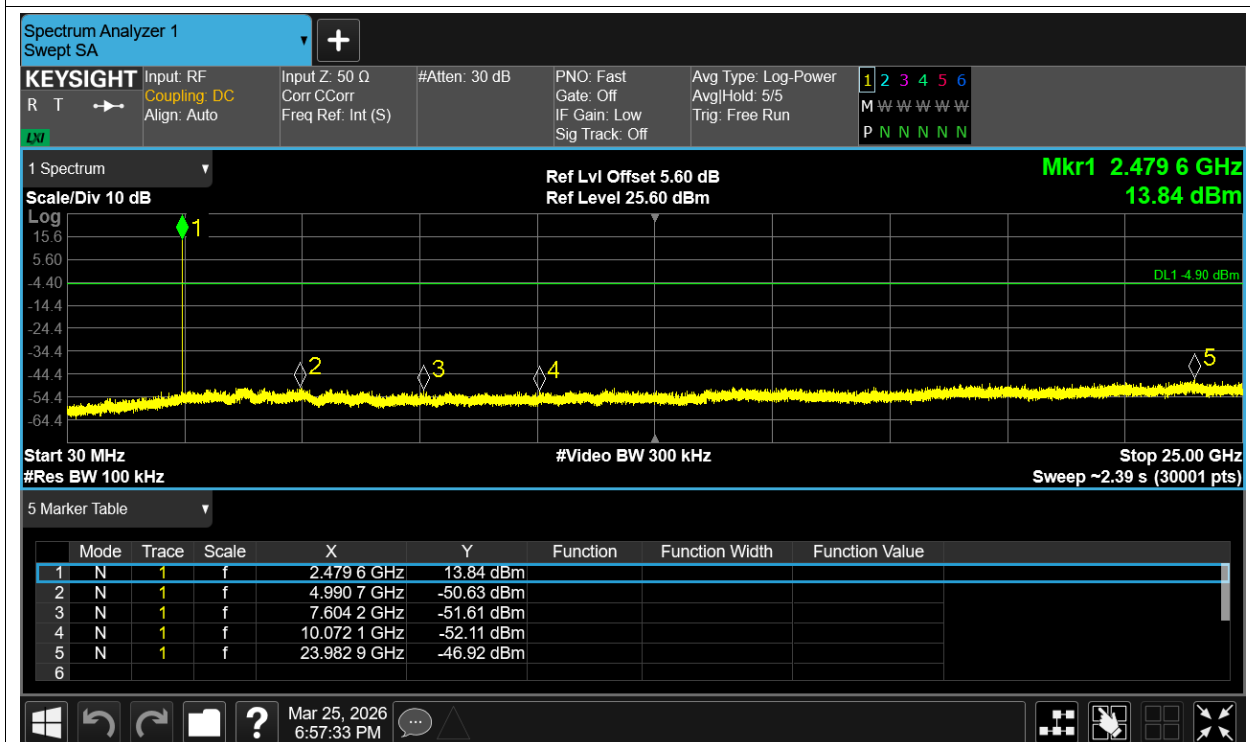
Tx. Spurious NVNT 1-DH1 2441MHz Ant12 Emission



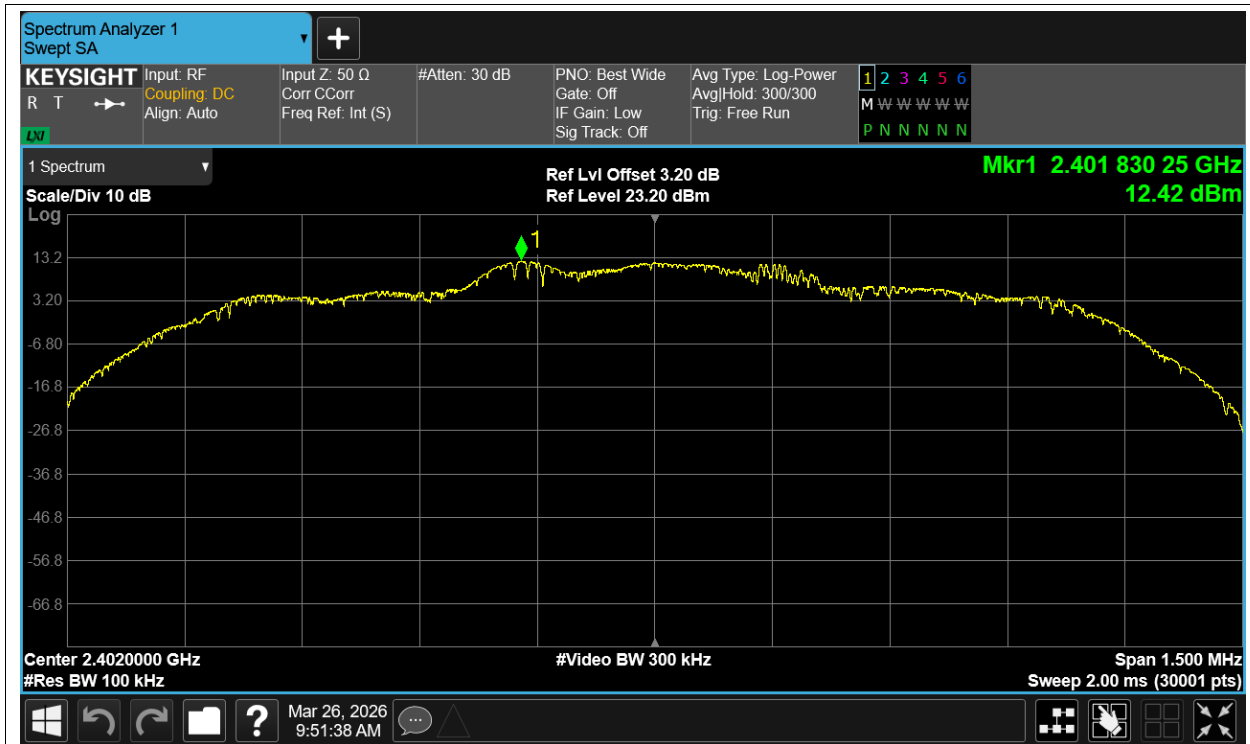
Tx. Spurious NVNT 1-DH1 2480MHz Ant12 Ref



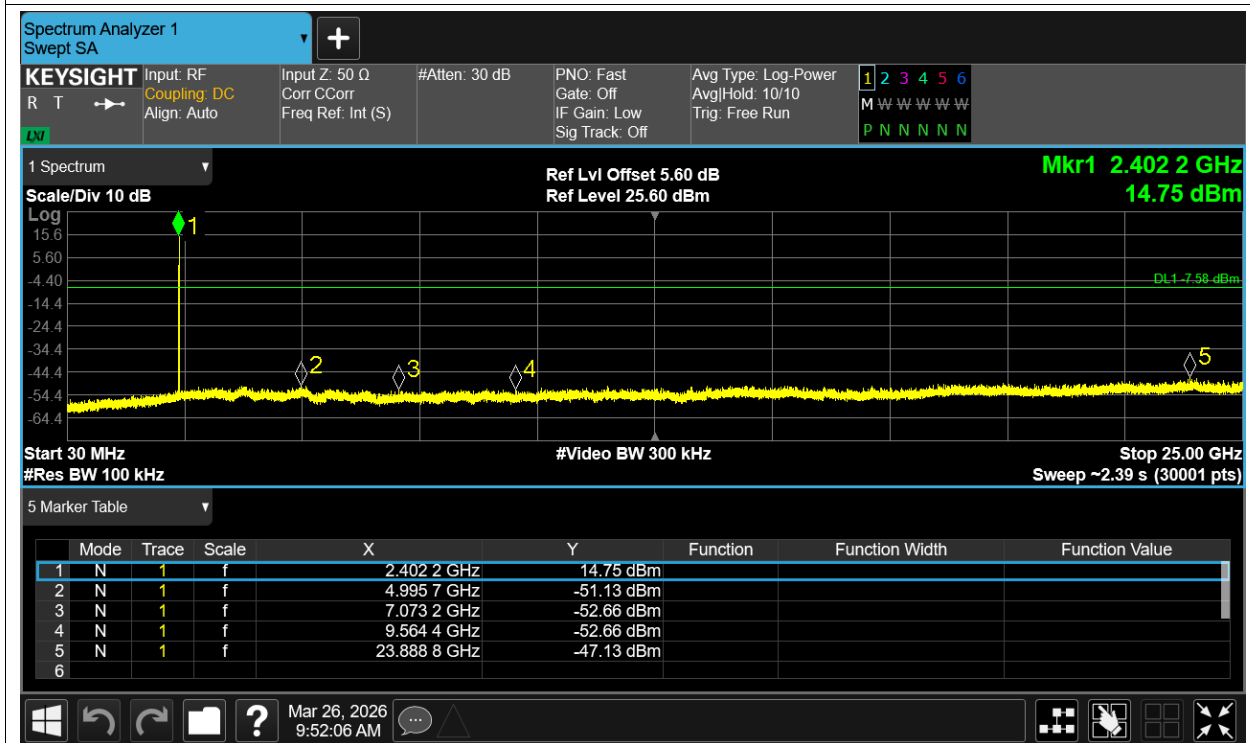
Tx. Spurious NVNT 1-DH1 2480MHz Ant12 Emission



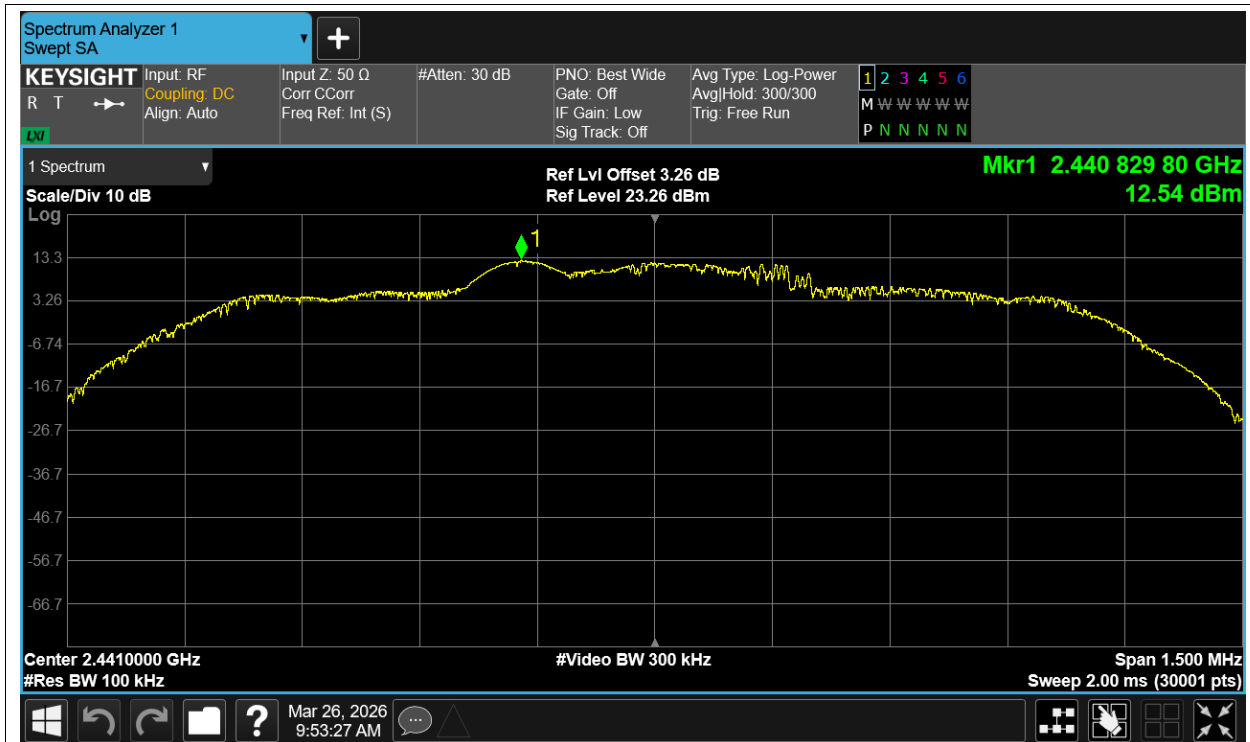
Tx. Spurious NVNT 2-DH1 2402MHz Ant12 Ref



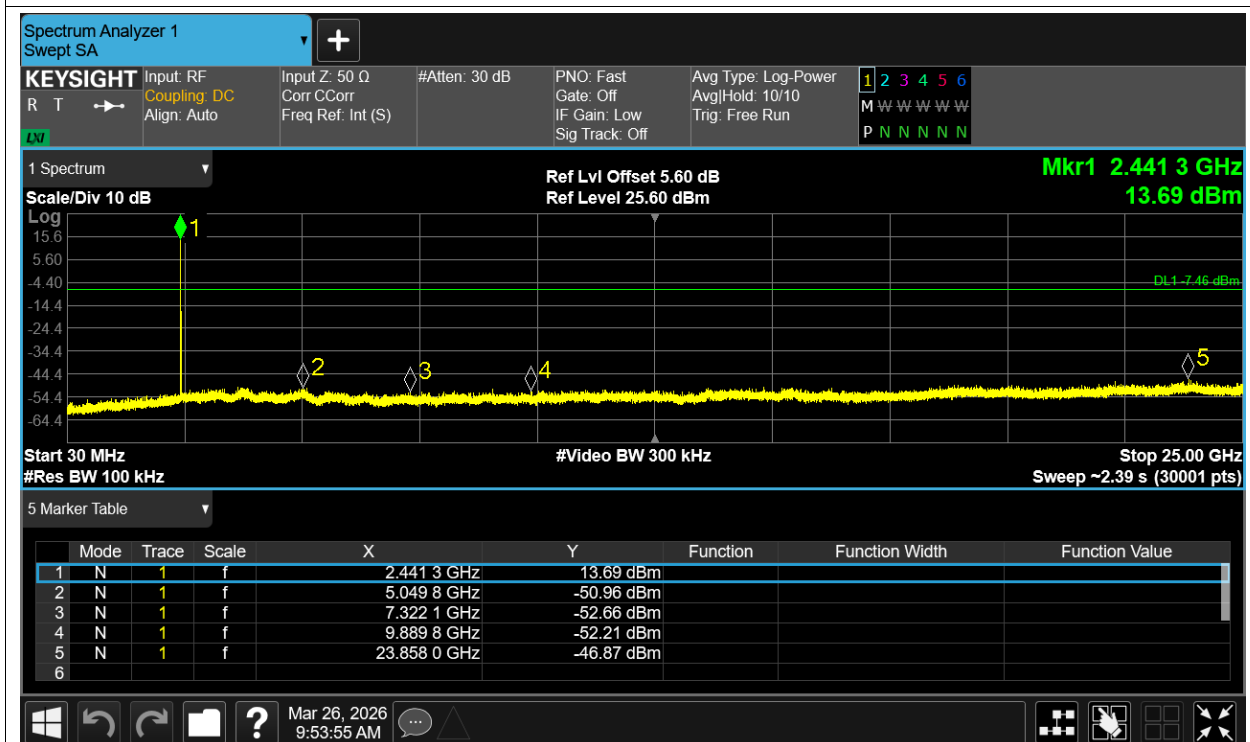
Tx. Spurious NVNT 2-DH1 2402MHz Ant12 Emission



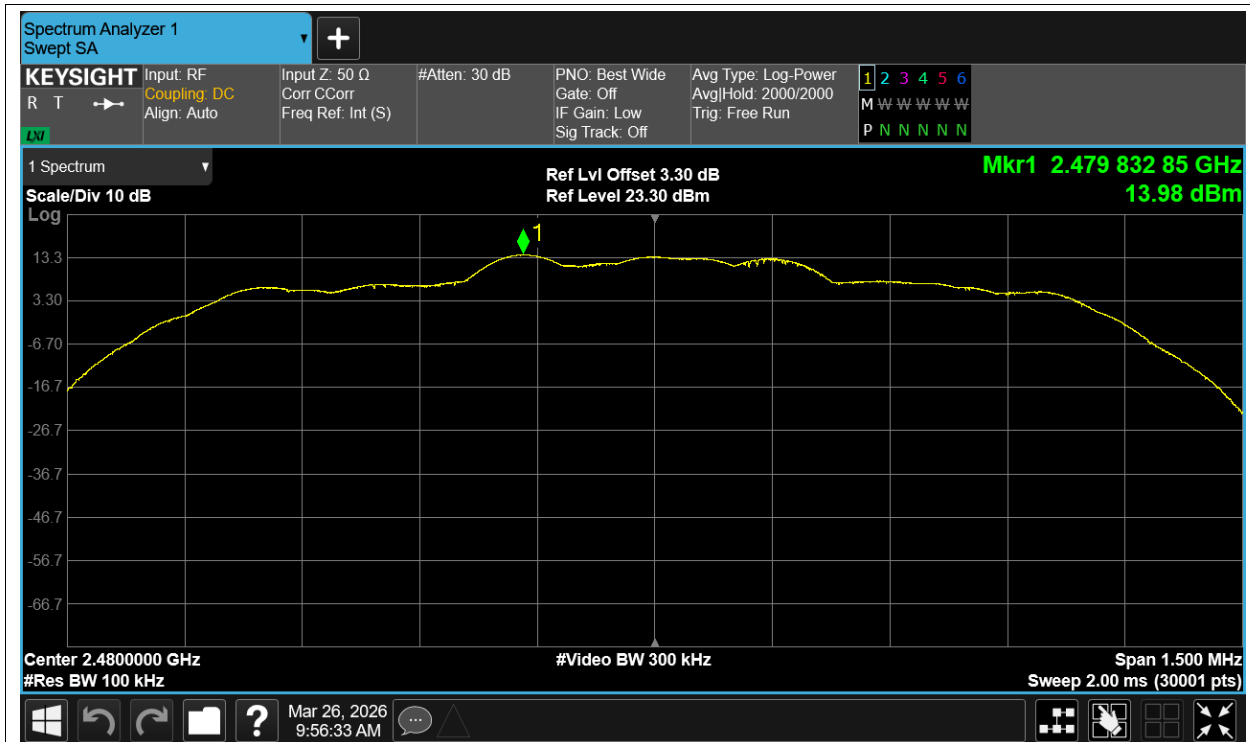
Tx. Spurious NVNT 2-DH1 2441MHz Ant12 Ref



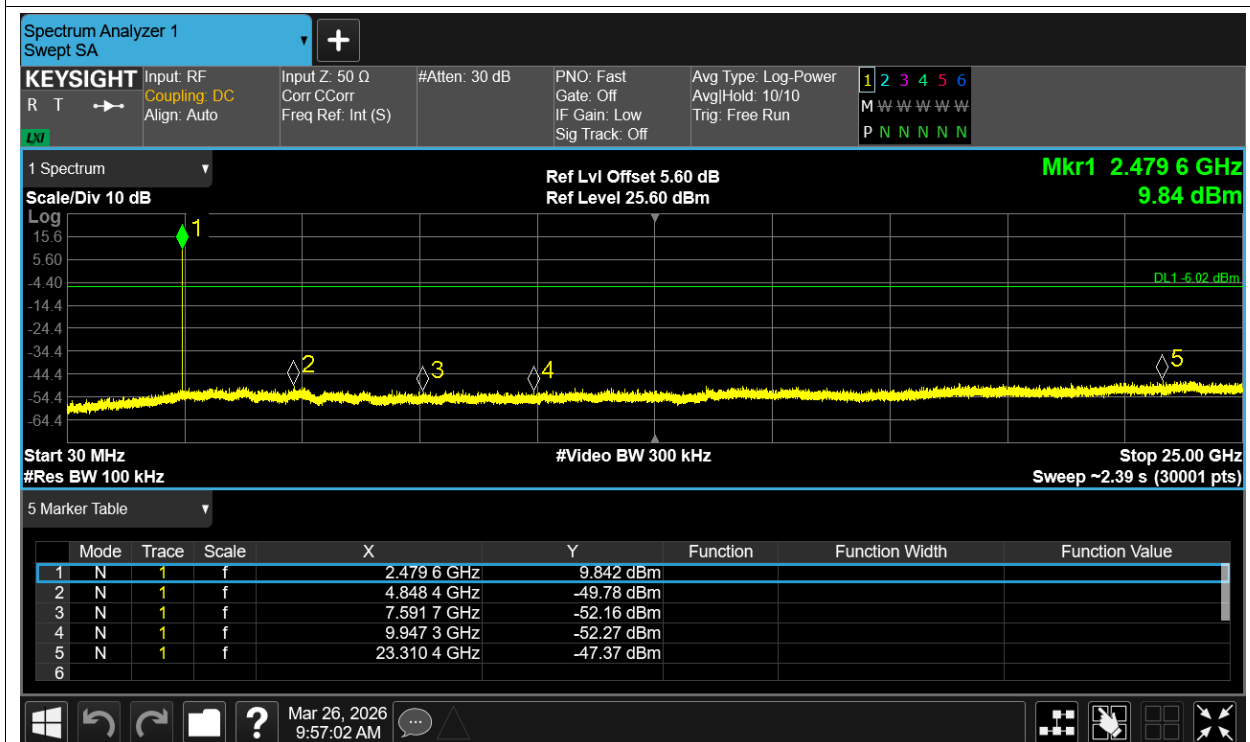
Tx. Spurious NVNT 2-DH1 2441MHz Ant12 Emission



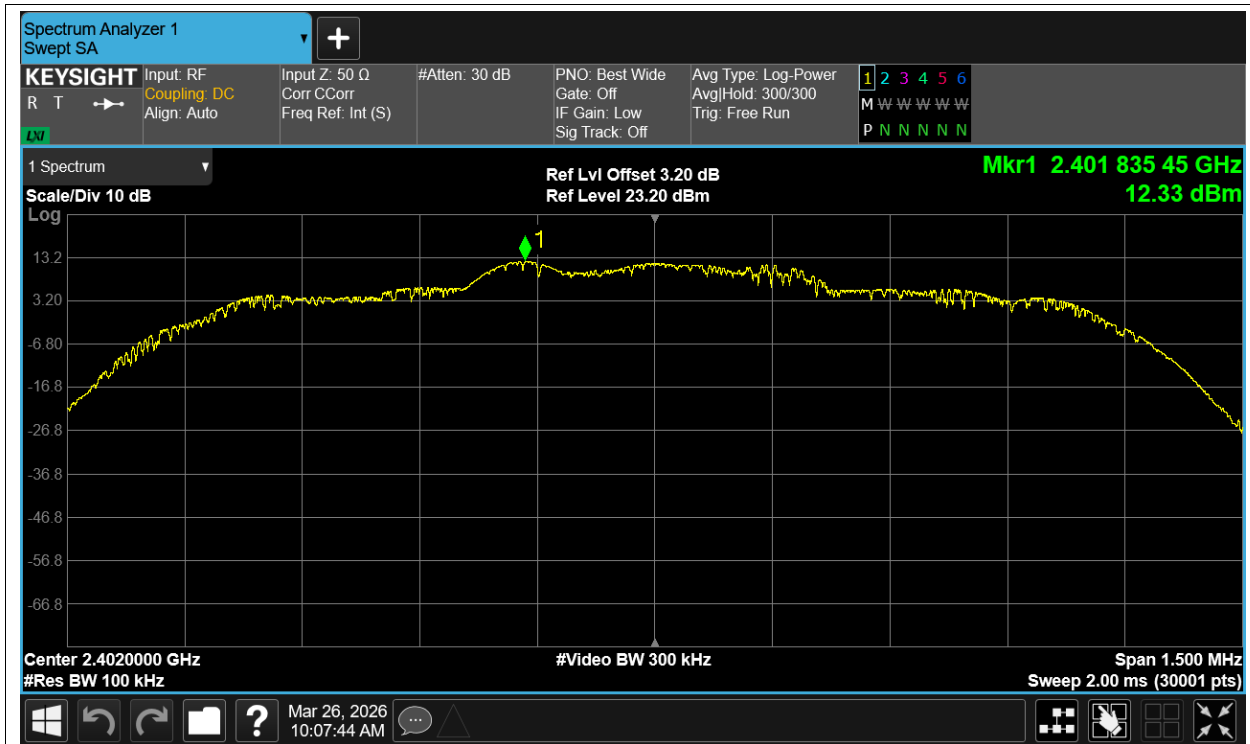
Tx. Spurious NVNT 2-DH1 2480MHz Ant12 Ref



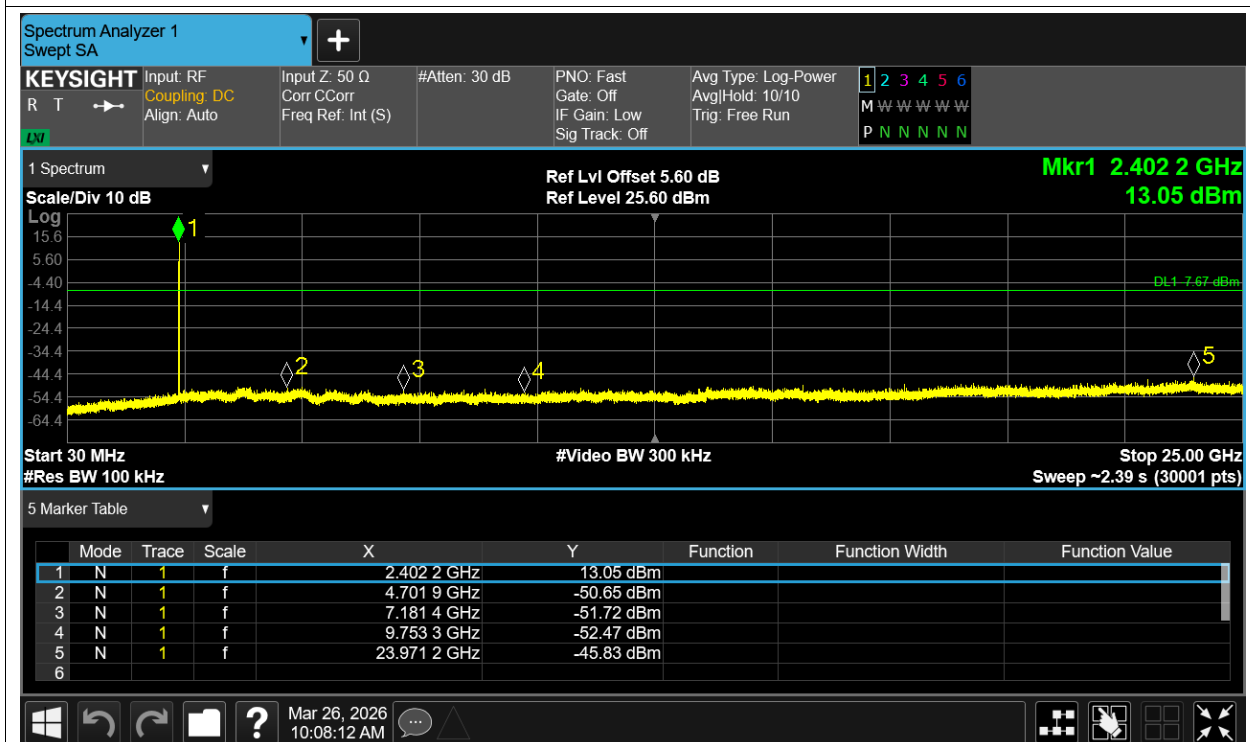
Tx. Spurious NVNT 2-DH1 2480MHz Ant12 Emission



Tx. Spurious NVNT 3-DH1 2402MHz Ant12 Ref



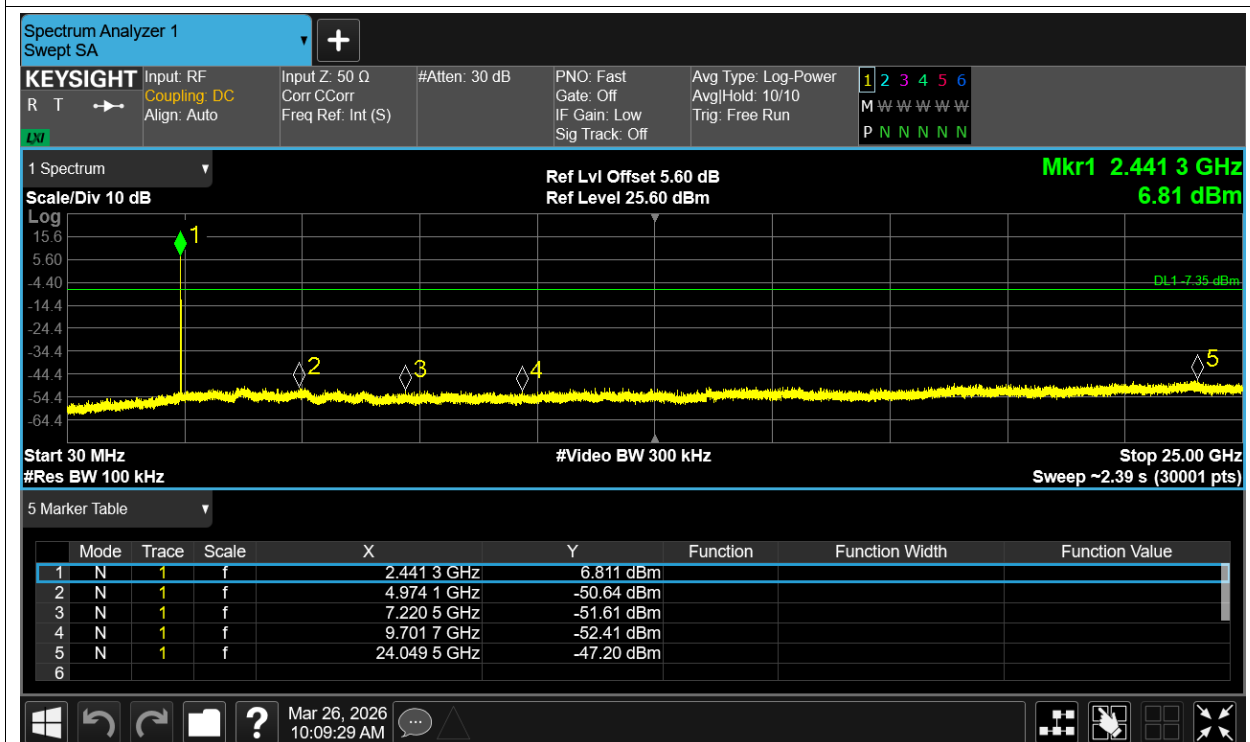
Tx. Spurious NVNT 3-DH1 2402MHz Ant12 Emission



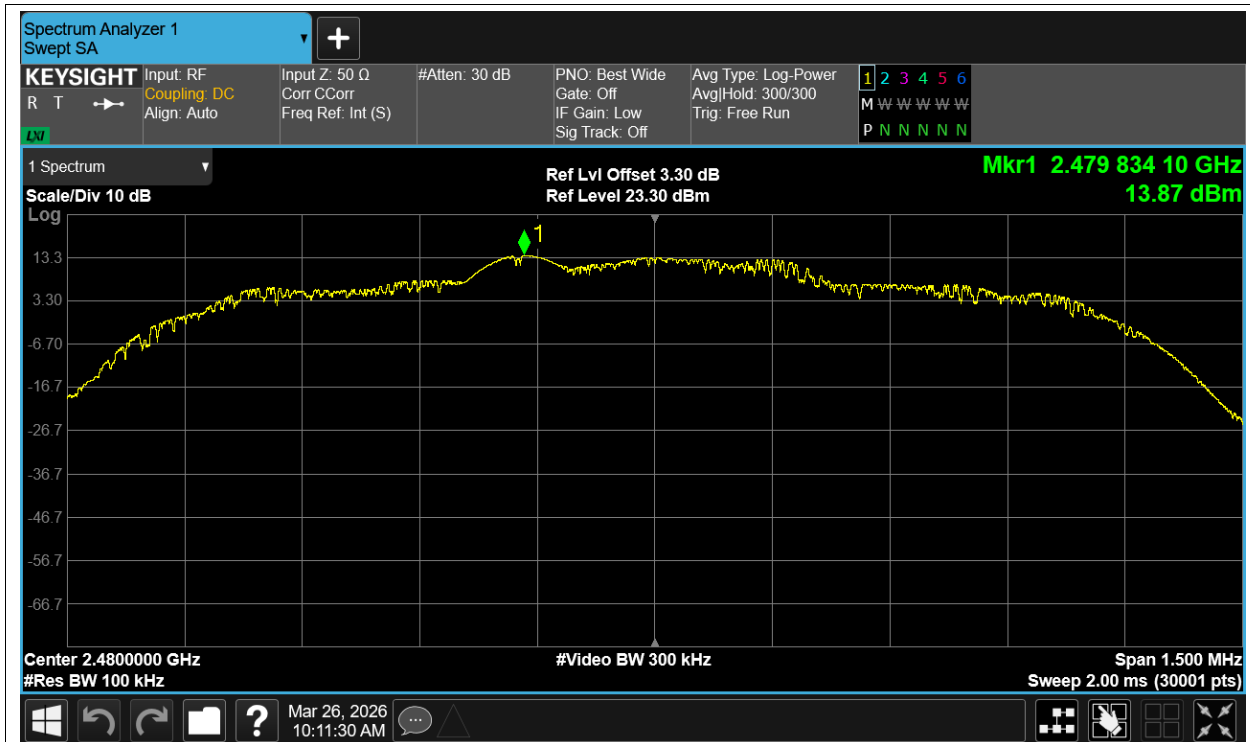
Tx. Spurious NVNT 3-DH1 2441MHz Ant12 Ref



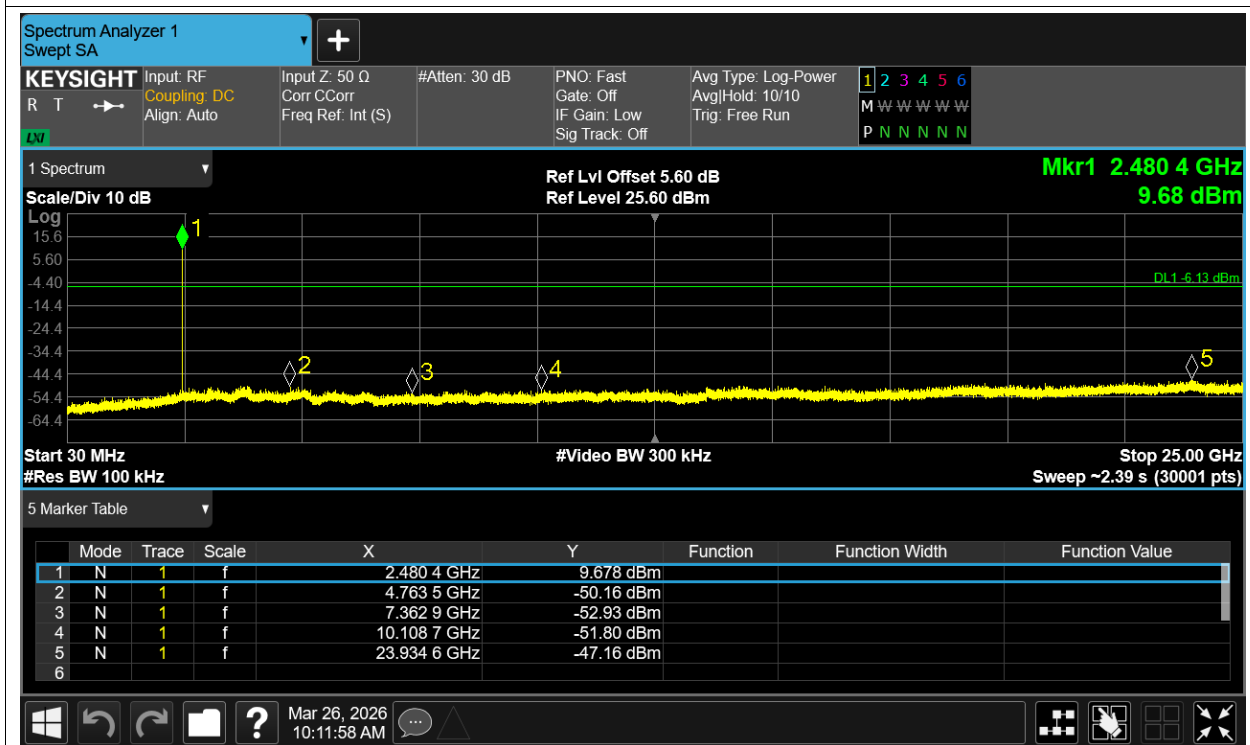
Tx. Spurious NVNT 3-DH1 2441MHz Ant12 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant12 Ref



Tx. Spurious NVNT 3-DH1 2480MHz Ant12 Emission

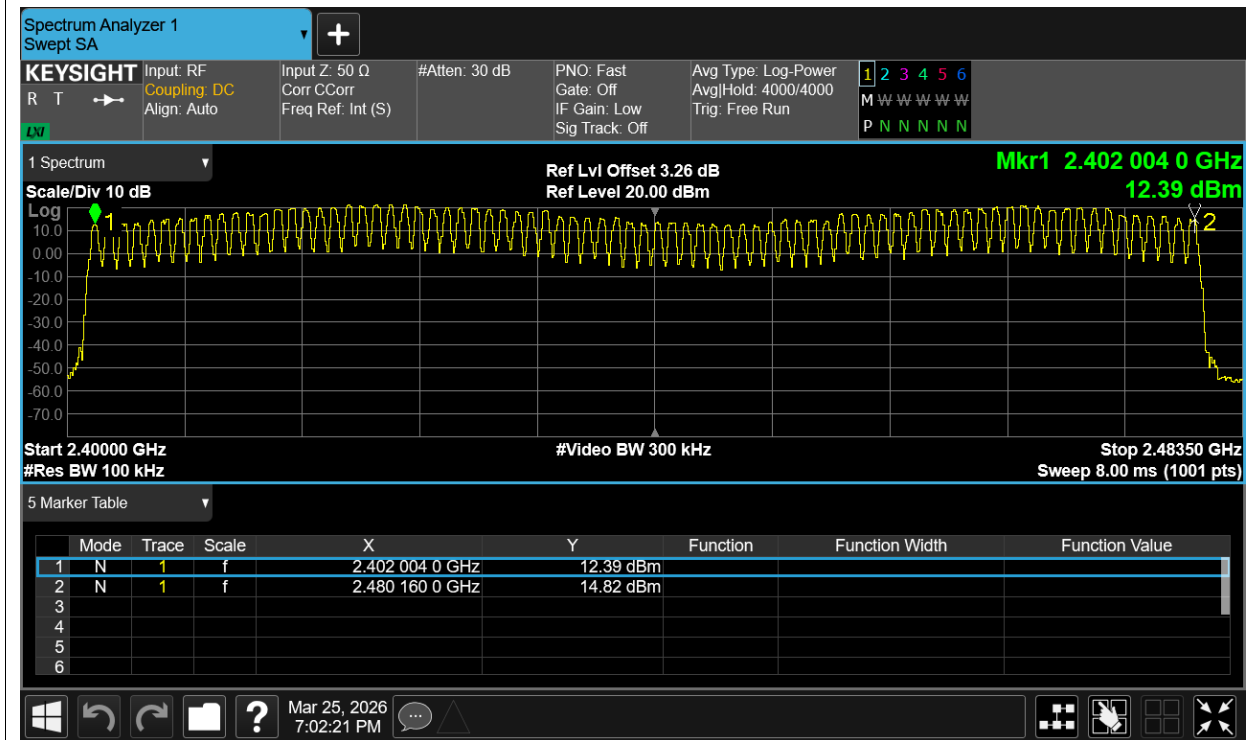


Number of Hopping Channel

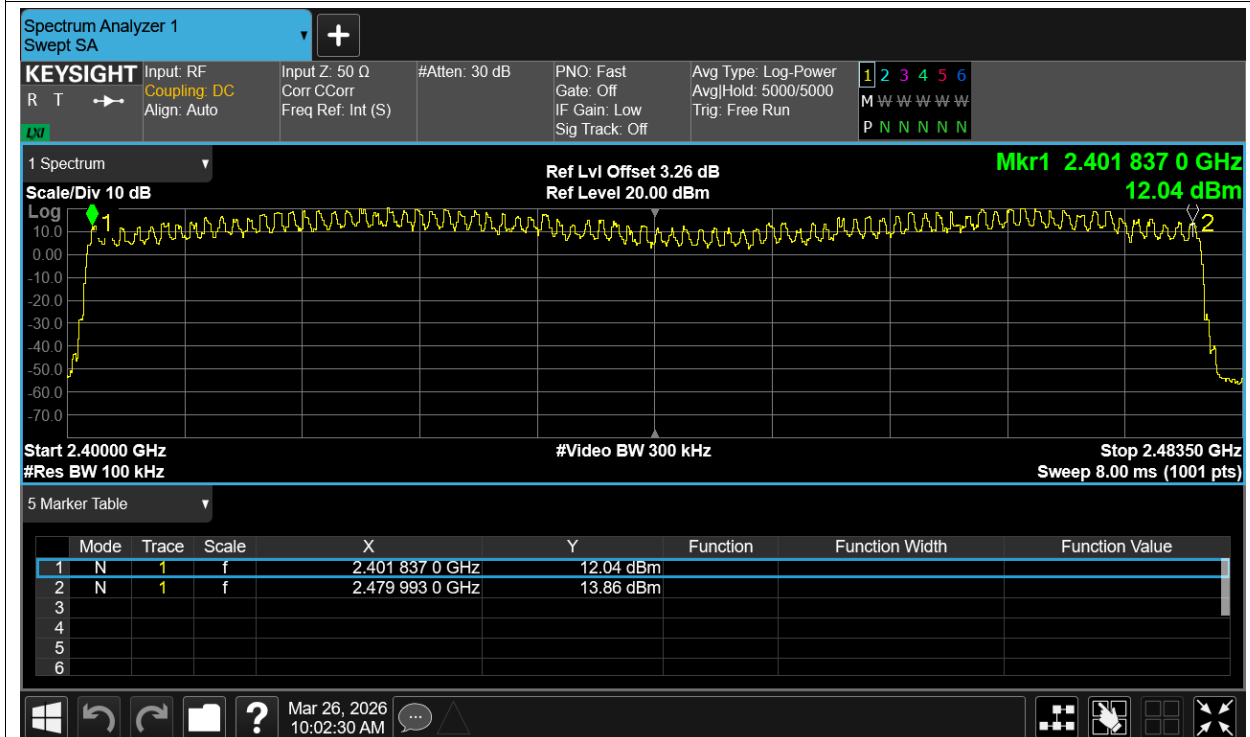
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant12	79	75	Pass
NVNT	2-DH1	Ant12	79	15	Pass
NVNT	3-DH1	Ant12	79	15	Pass

Test Graphs

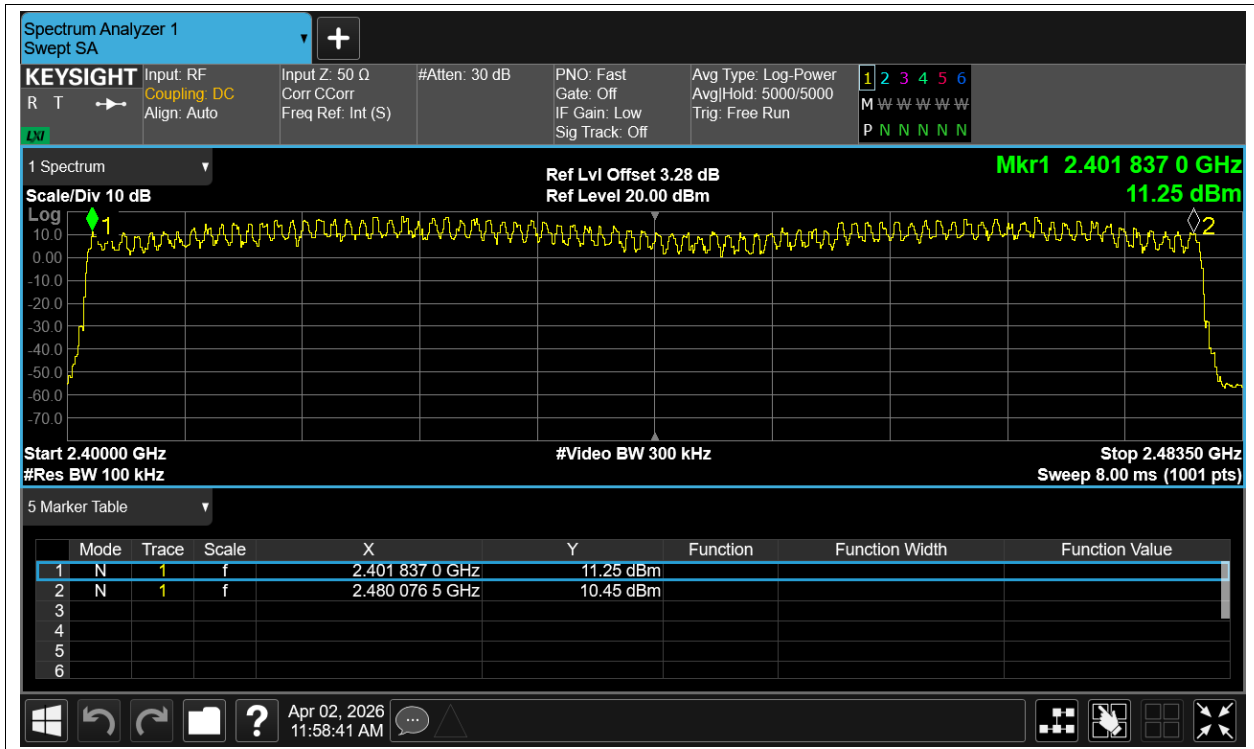
Hopping No. NVNT 1-DH1 2441MHz Ant12



Hopping No. NVNT 2-DH1 2441MHz Ant12



Hopping No. NVNT 3-DH1 2441MHz Ant12



Dwell Time

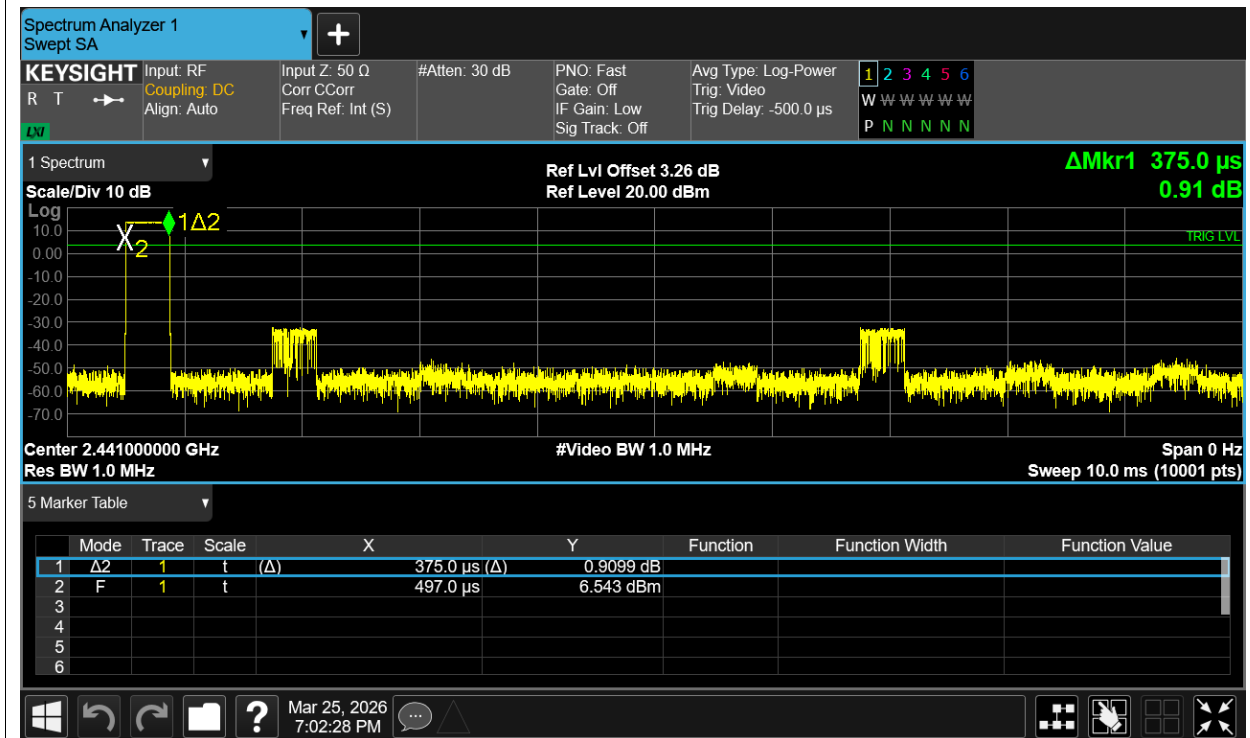
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant12	0.375	120	31600	400	Pass
NVNT	1-DH3	2441	Ant12	1.63	260.8	31600	400	Pass
NVNT	1-DH5	2441	Ant12	2.877	306.88	31600	400	Pass
NVNT	2-DH1	2441	Ant12	0.381	121.92	31600	400	Pass
NVNT	2-DH3	2441	Ant12	1.63	260.8	31600	400	Pass
NVNT	2-DH5	2441	Ant12	2.883	307.52	31600	400	Pass
NVNT	3-DH1	2441	Ant12	0.382	122.24	31600	400	Pass
NVNT	3-DH3	2441	Ant12	1.632	261.12	31600	400	Pass
NVNT	3-DH5	2441	Ant12	2.884	307.627	31600	400	Pass

Note:

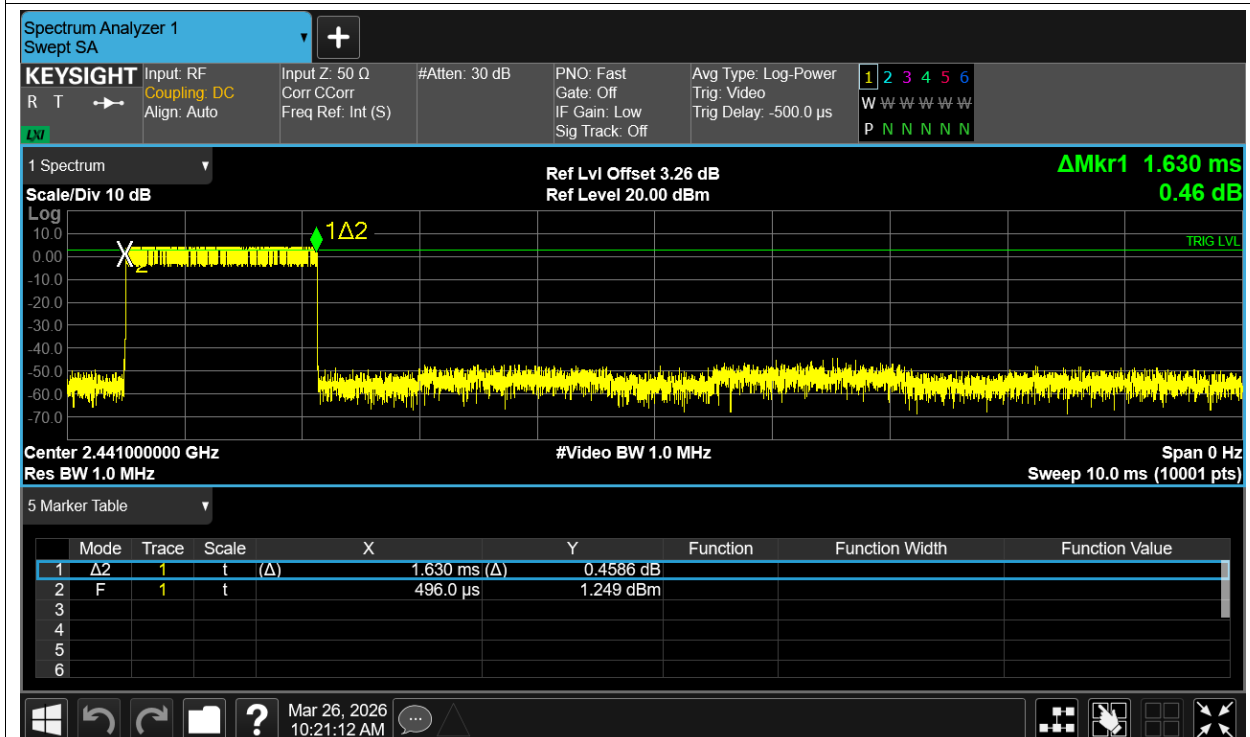
1. In DH1 mode, hopping rate is 1600 hops/s with 2 slots in 79 hopping channels. With channel hopping rate (1600/2/79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600/2/79)x(0.4 x 79)= 320 hops. Total Dwell time= Pulse Time x 320.
2. In DH3 mode, hopping rate is 1600 hops/s with 4 slots in 79 hopping channels. With channel hopping rate (1600/4/79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600/4/79)x(0.4 x 79)= 160 hops. Total Dwell time= Pulse Time x 160.
3. In DH5 mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels. With channel hopping rate (1600/6/79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600/6/79)x(0.4 x 79)= 106.67 hops. Total Dwell time= Pulse Time x 106.67.

Test Graphs

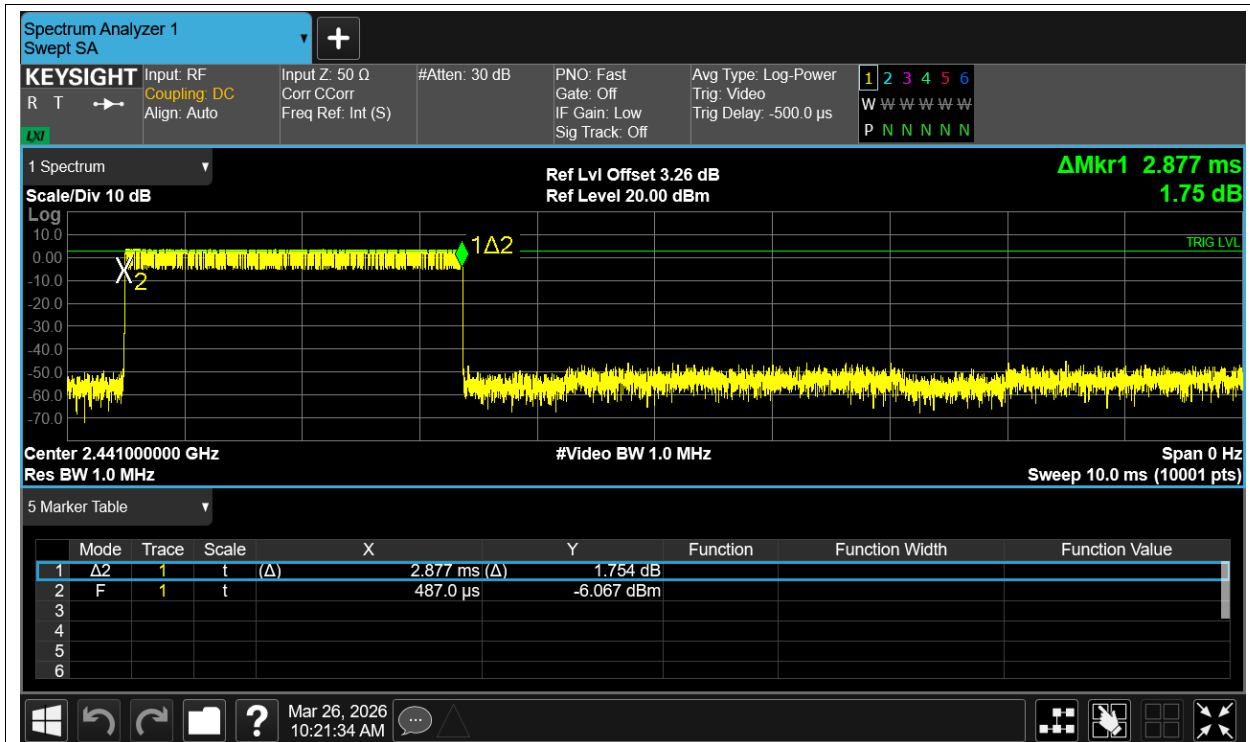
Dwell NVNT 1-DH1 2441MHz Ant12



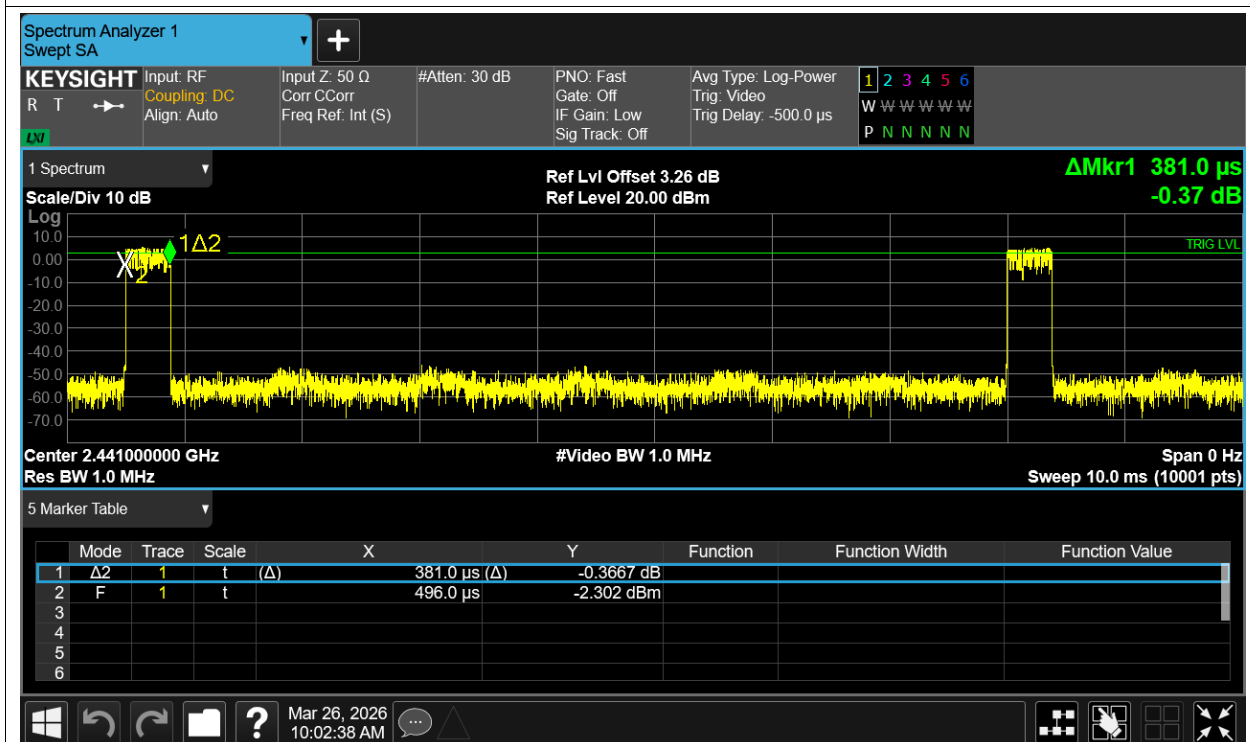
Dwell NVNT 1-DH3 2441MHz Ant12



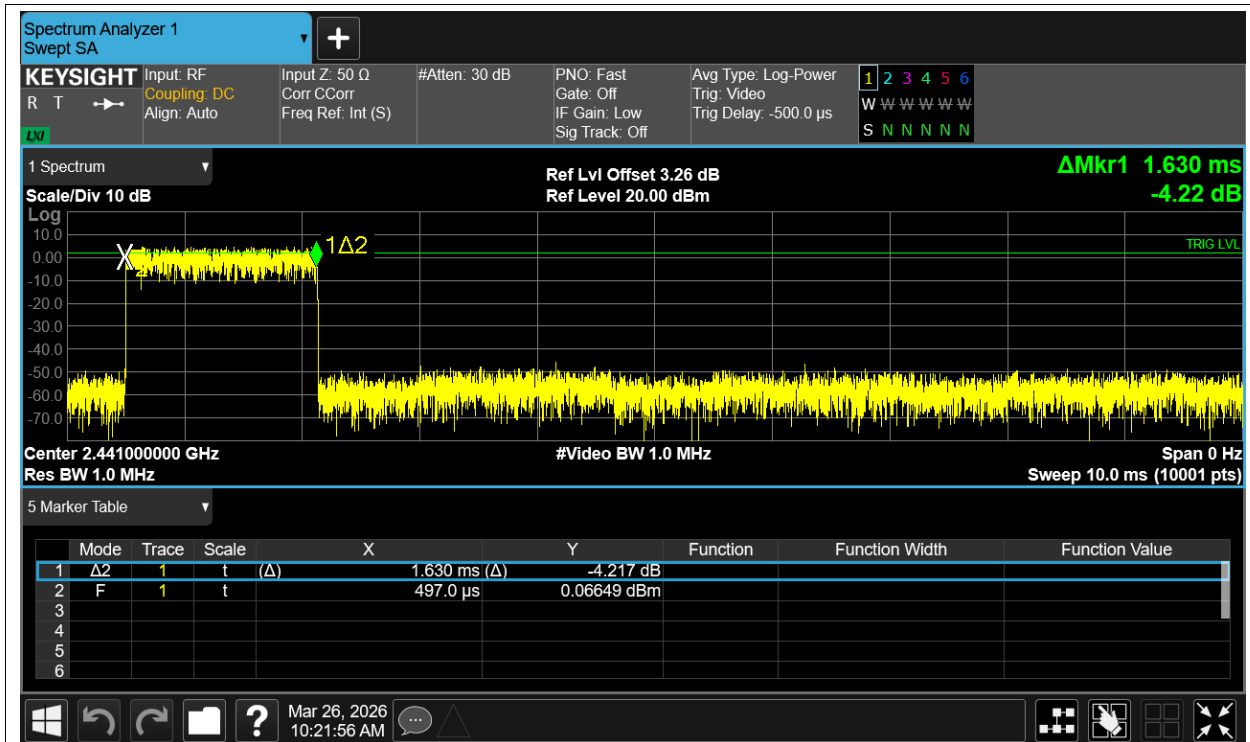
Dwell NVNT 1-DH5 2441MHz Ant12



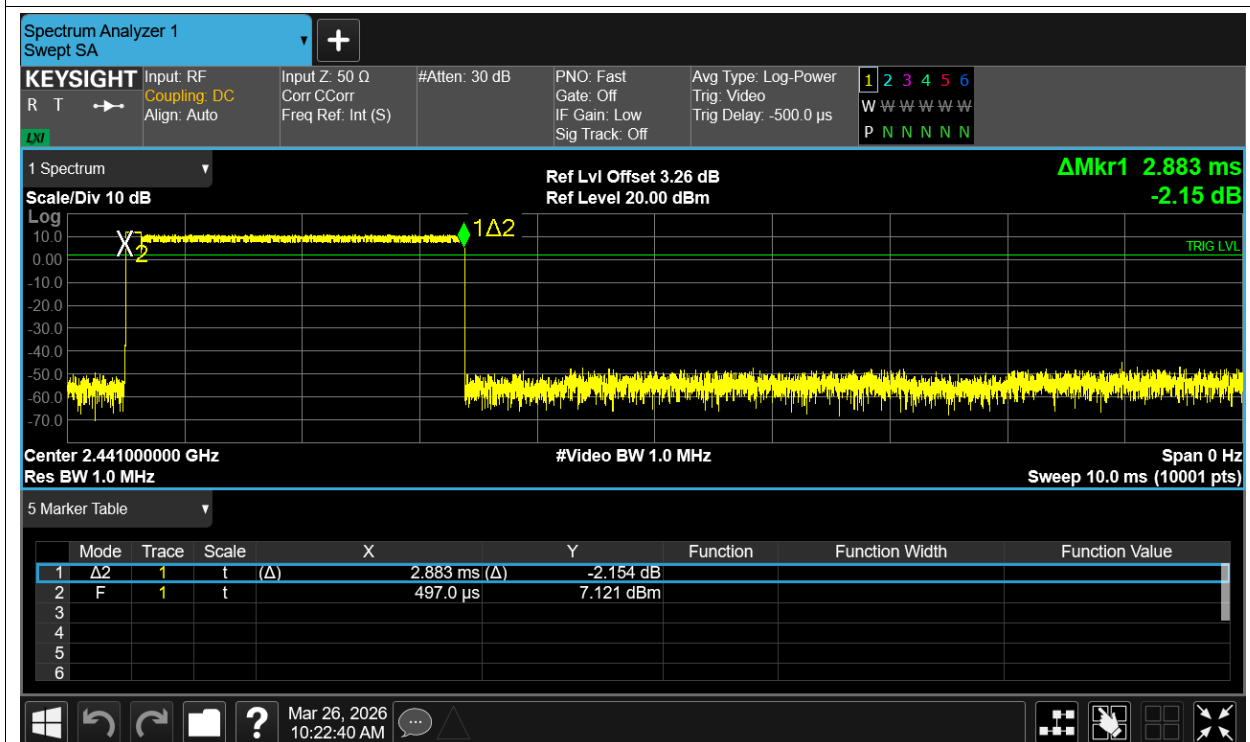
Dwell NVNT 2-DH1 2441MHz Ant12



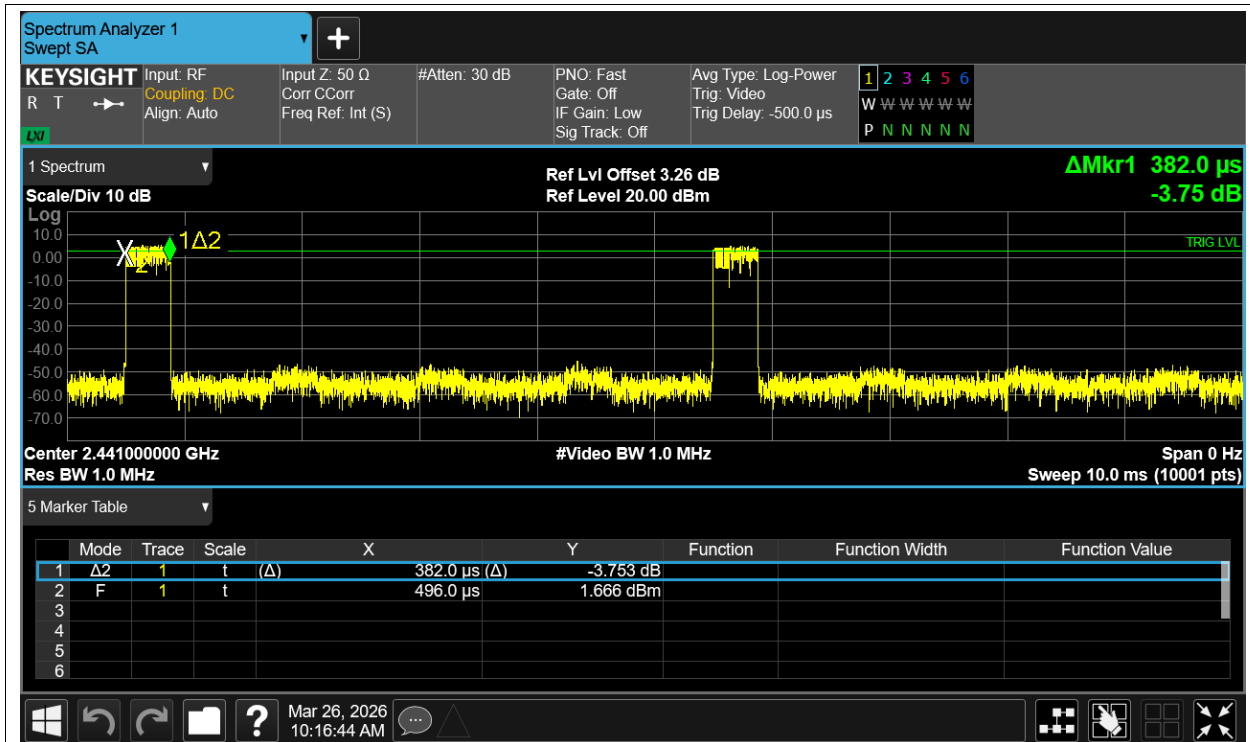
Dwell NVNT 2-DH3 2441MHz Ant12



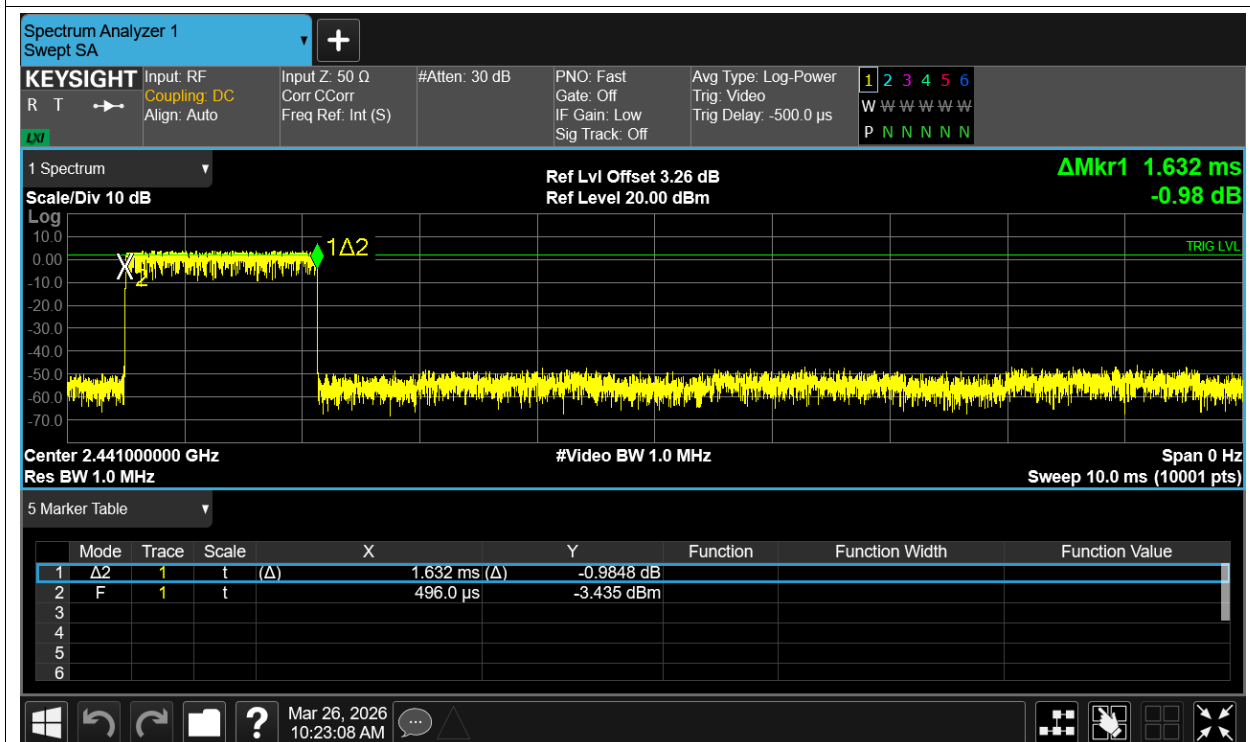
Dwell NVNT 2-DH5 2441MHz Ant12



Dwell NVNT 3-DH1 2441MHz Ant12



Dwell NVNT 3-DH3 2441MHz Ant12



Dwell NVNT 3-DH5 2441MHz Ant12

