

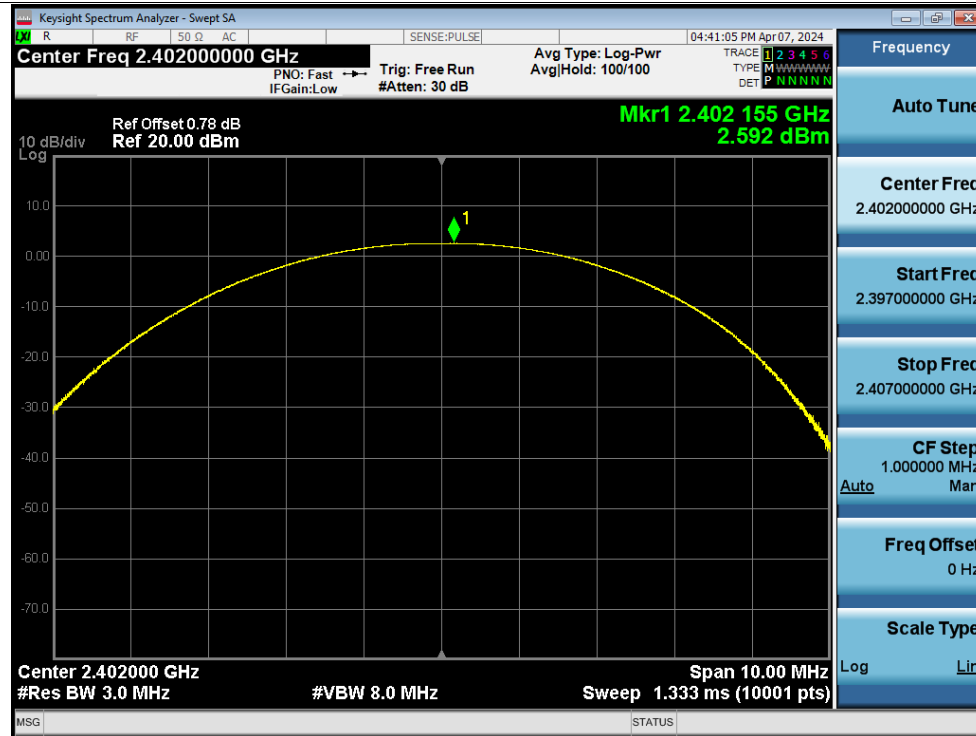
Appendix A

Maximum Conducted Output Power

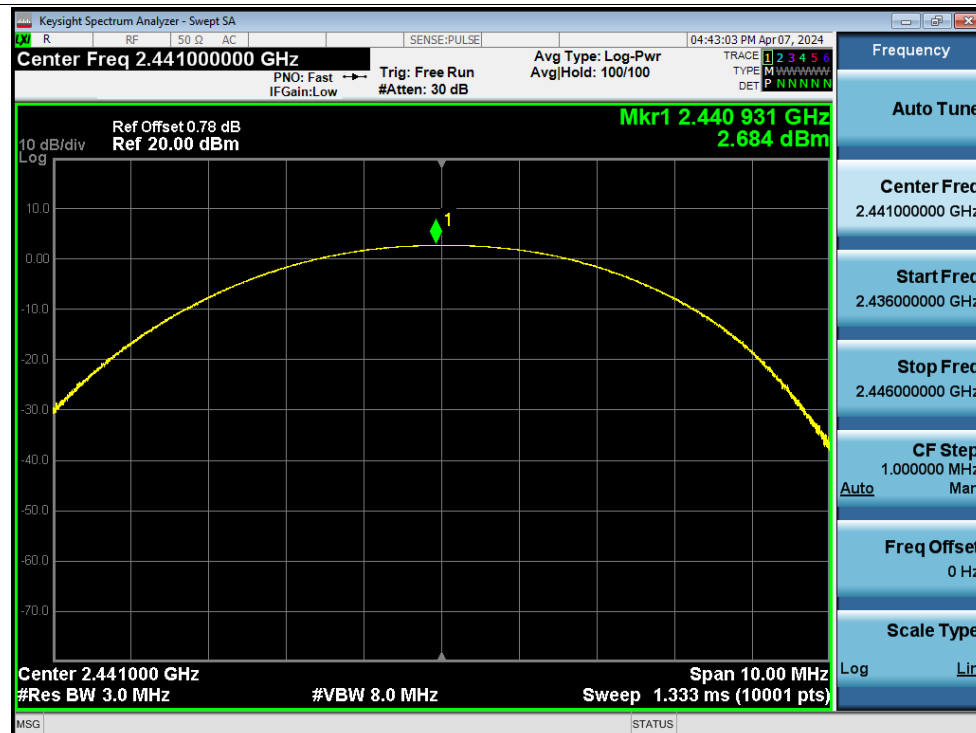
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	2.59	0	2.59	21	Pass
NVNT	1-DH5	2441	Ant1	2.68	0	2.68	21	Pass
NVNT	1-DH5	2480	Ant1	2.34	0	2.34	21	Pass
NVNT	2-DH5	2402	Ant1	3.05	0	3.05	21	Pass
NVNT	2-DH5	2441	Ant1	3.06	0	3.06	21	Pass
NVNT	2-DH5	2480	Ant1	2.72	0	2.72	21	Pass
NVNT	3-DH5	2402	Ant1	3.34	0	3.34	21	Pass
NVNT	3-DH5	2441	Ant1	3.32	0	3.32	21	Pass
NVNT	3-DH5	2480	Ant1	2.93	0	2.93	21	Pass

Test Graphs

Power NVNT 1-DH5 2402MHz Ant1



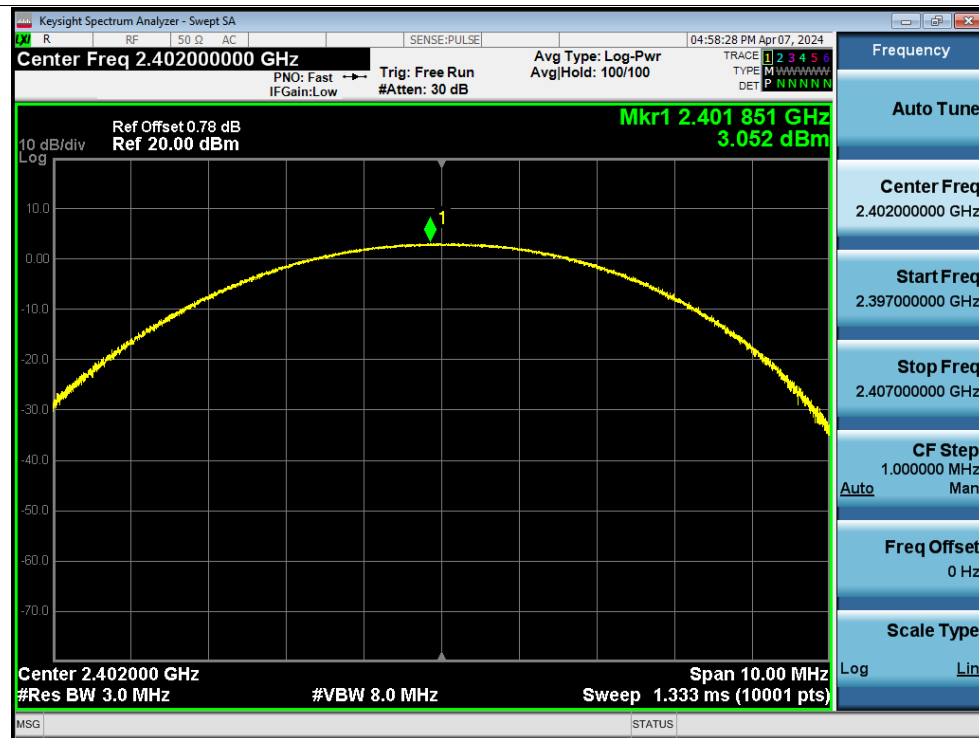
Power NVNT 1-DH5 2441MHz Ant1



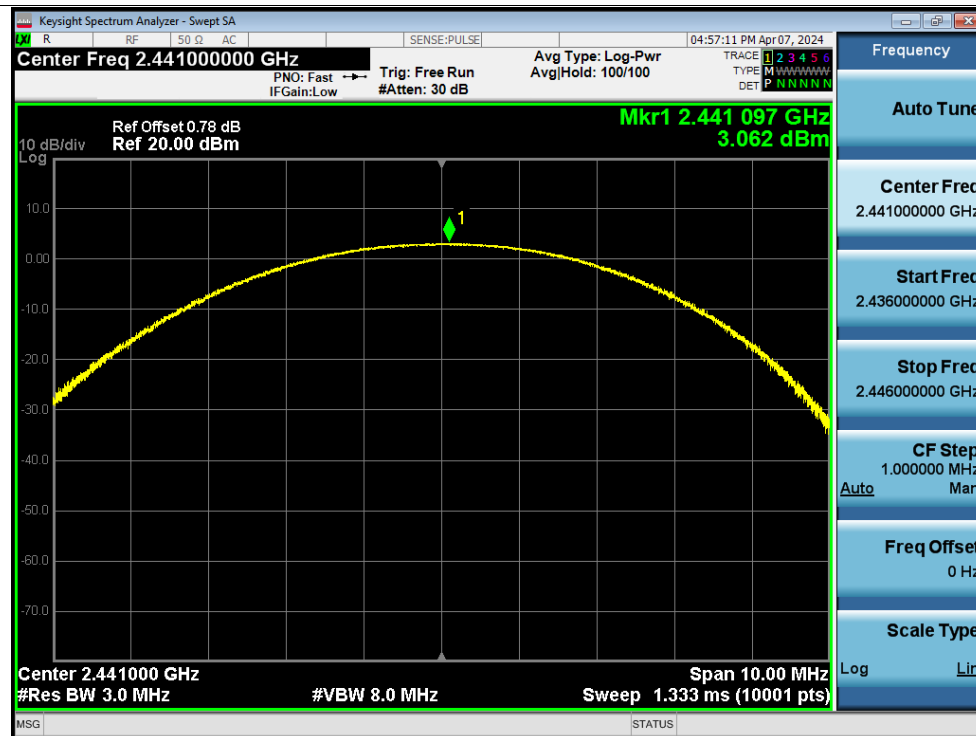
Power NVNT 1-DH5 2480MHz Ant1



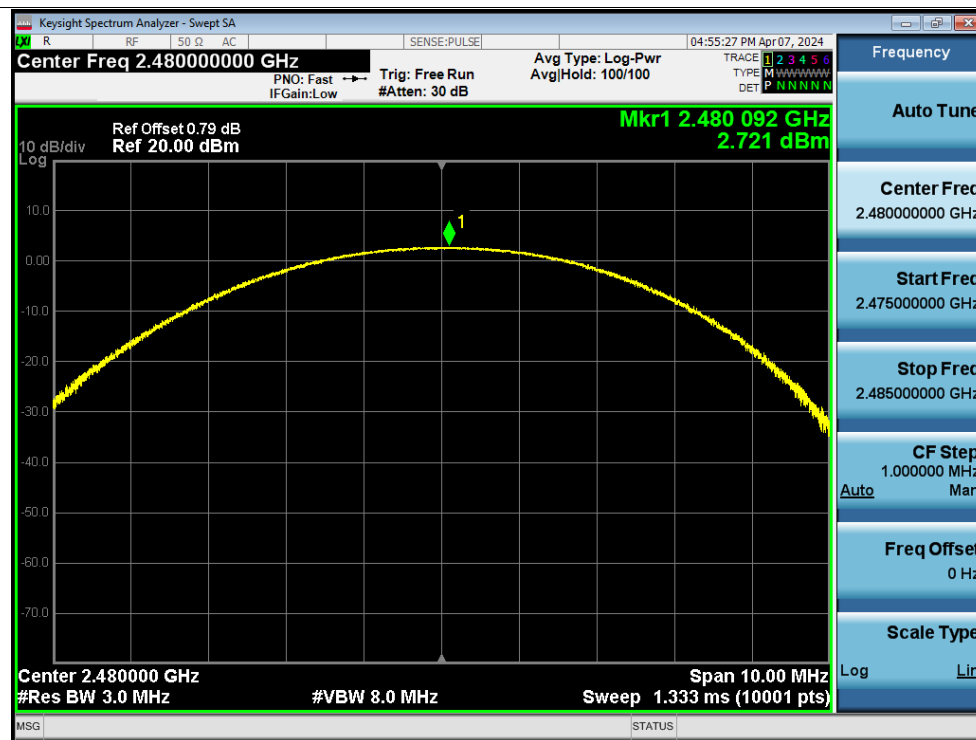
Power NVNT 2-DH5 2402MHz Ant1



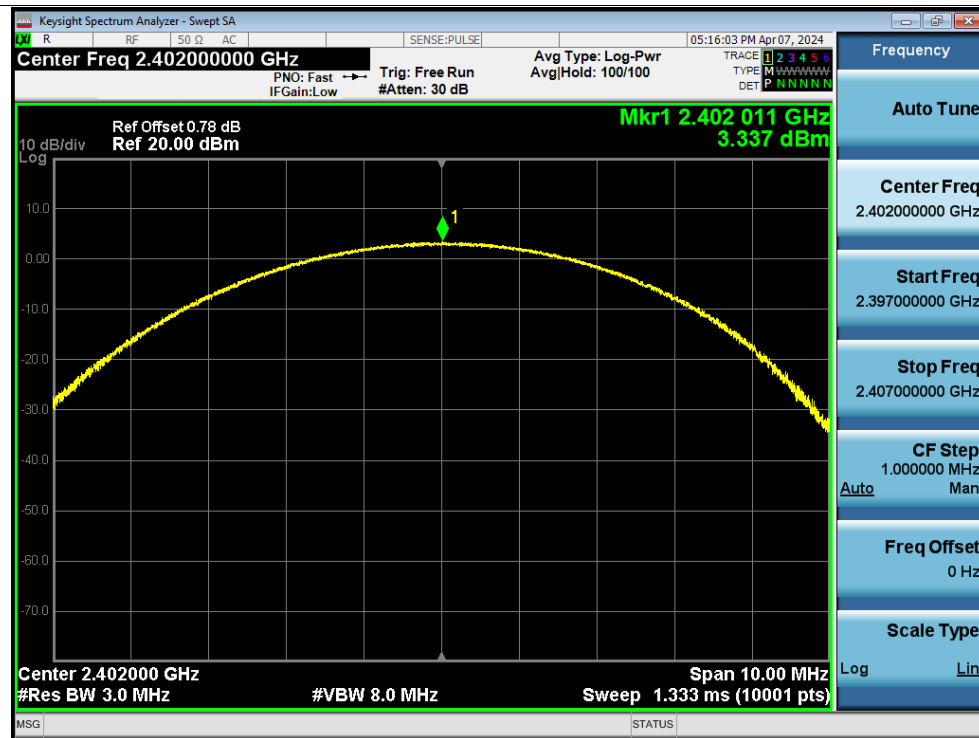
Power NVNT 2-DH5 2441MHz Ant1



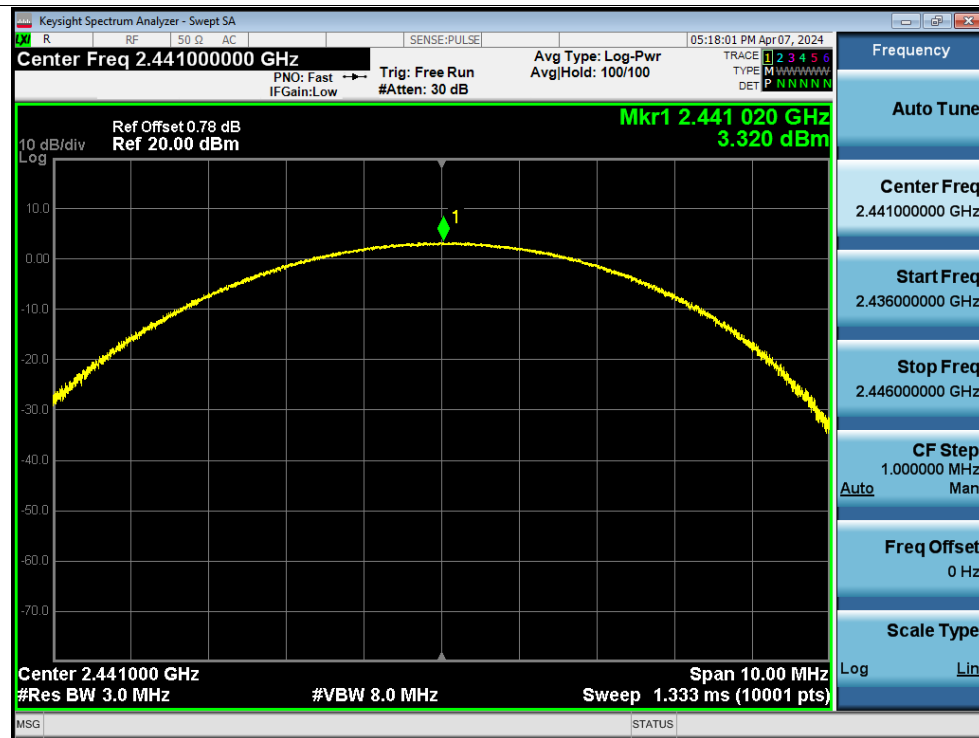
Power NVNT 2-DH5 2480MHz Ant1

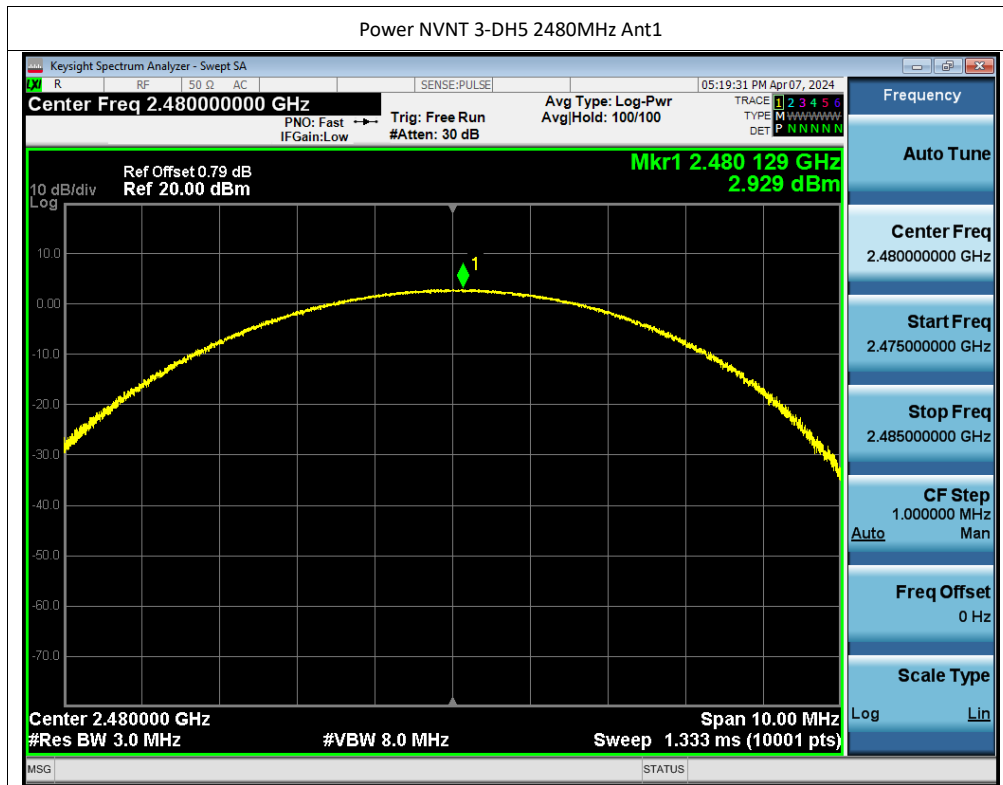


Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1





-20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.02	N/A	N/A
NVNT	1-DH5	2441	Ant1	1.03	N/A	N/A
NVNT	1-DH5	2480	Ant1	1.04	N/A	N/A
NVNT	2-DH5	2402	Ant1	1.32	N/A	N/A
NVNT	2-DH5	2441	Ant1	1.34	N/A	N/A
NVNT	2-DH5	2480	Ant1	1.38	N/A	N/A
NVNT	3-DH5	2402	Ant1	1.31	N/A	N/A
NVNT	3-DH5	2441	Ant1	1.34	N/A	N/A
NVNT	3-DH5	2480	Ant1	1.3	N/A	N/A

Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



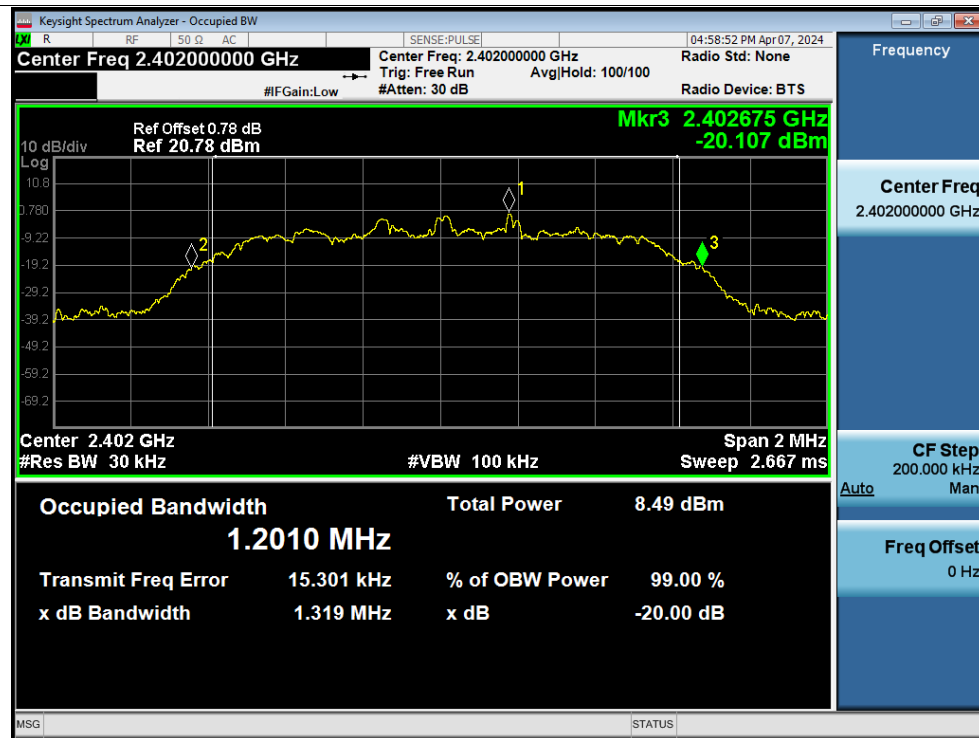
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

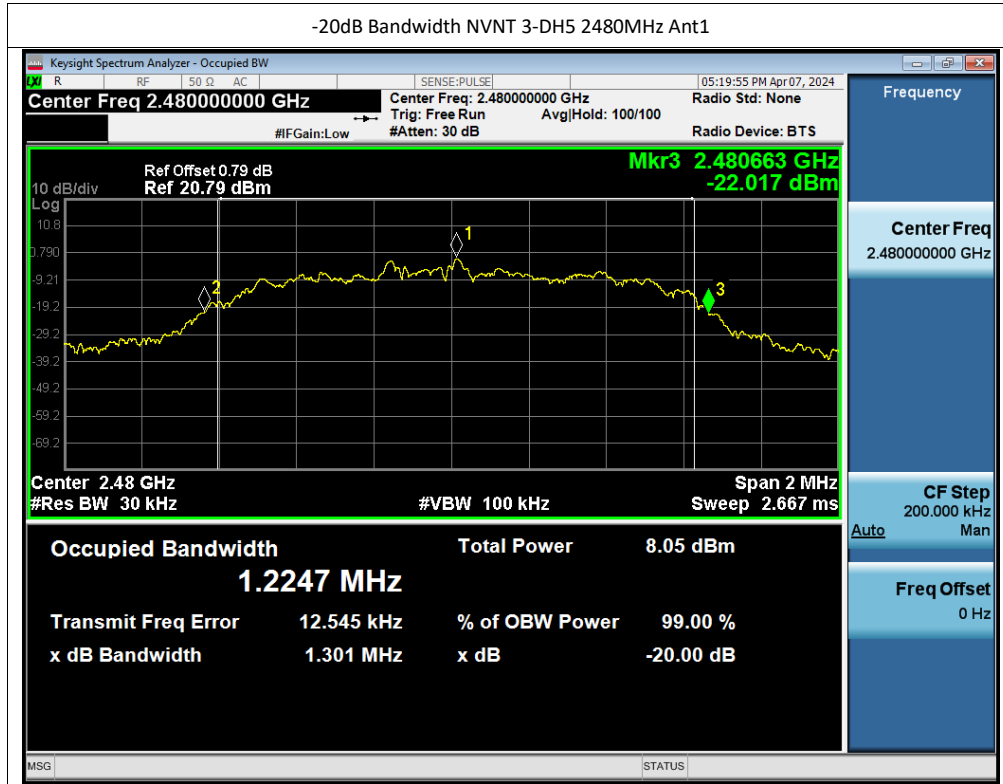


-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1





Occupied Channel Bandwidth

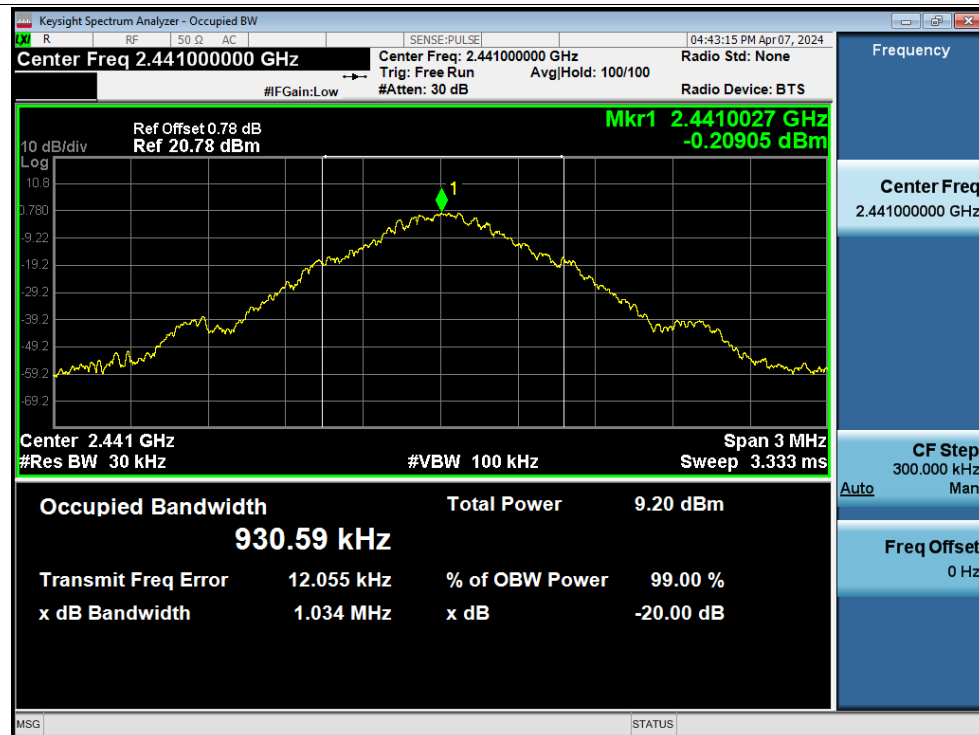
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.899
NVNT	1-DH5	2441	Ant1	0.931
NVNT	1-DH5	2480	Ant1	0.941
NVNT	2-DH5	2402	Ant1	1.221
NVNT	2-DH5	2441	Ant1	1.226
NVNT	2-DH5	2480	Ant1	1.261
NVNT	3-DH5	2402	Ant1	1.223
NVNT	3-DH5	2441	Ant1	1.235
NVNT	3-DH5	2480	Ant1	1.235

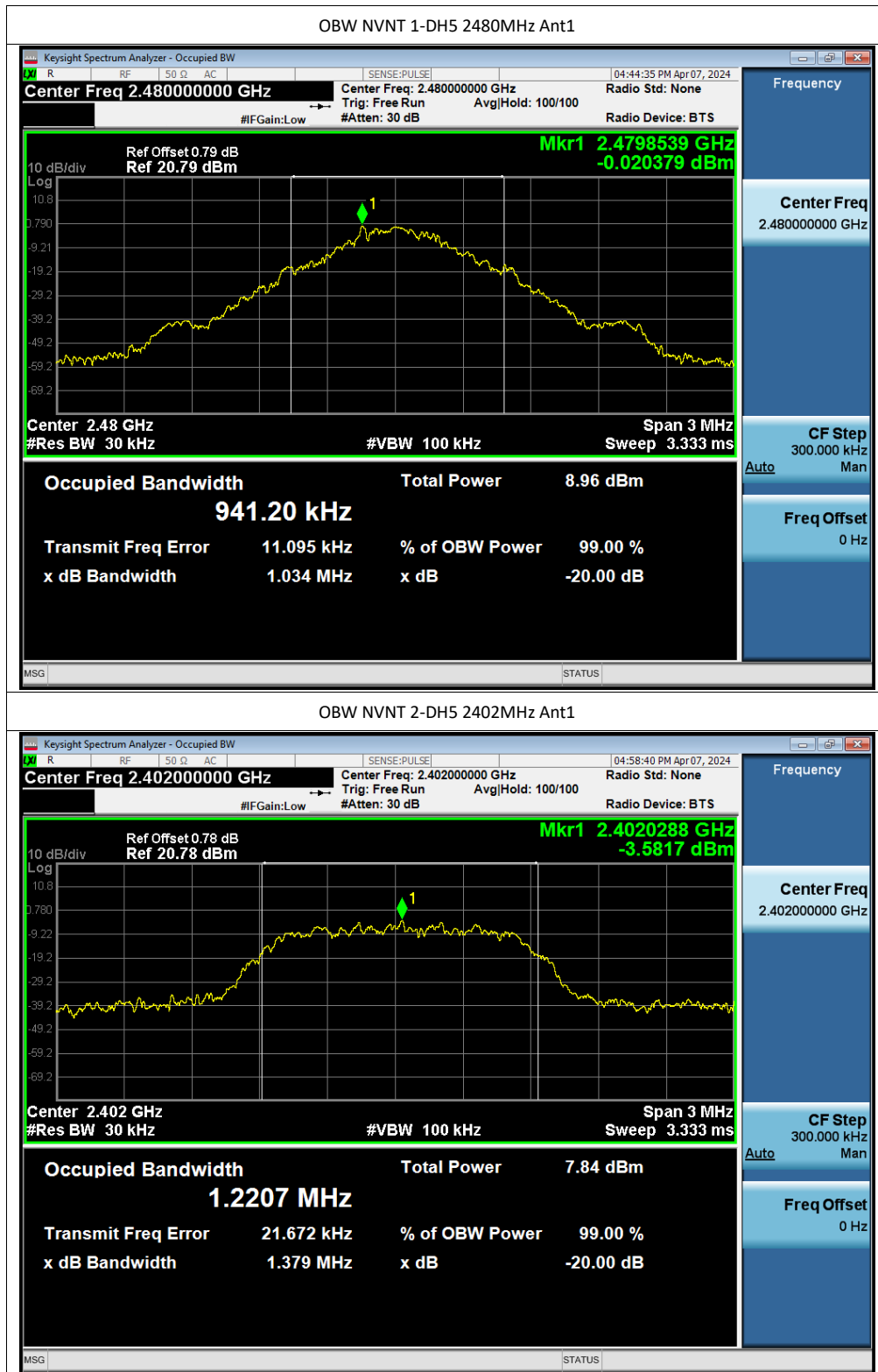
Test Graphs

OBW NVNT 1-DH5 2402MHz Ant1

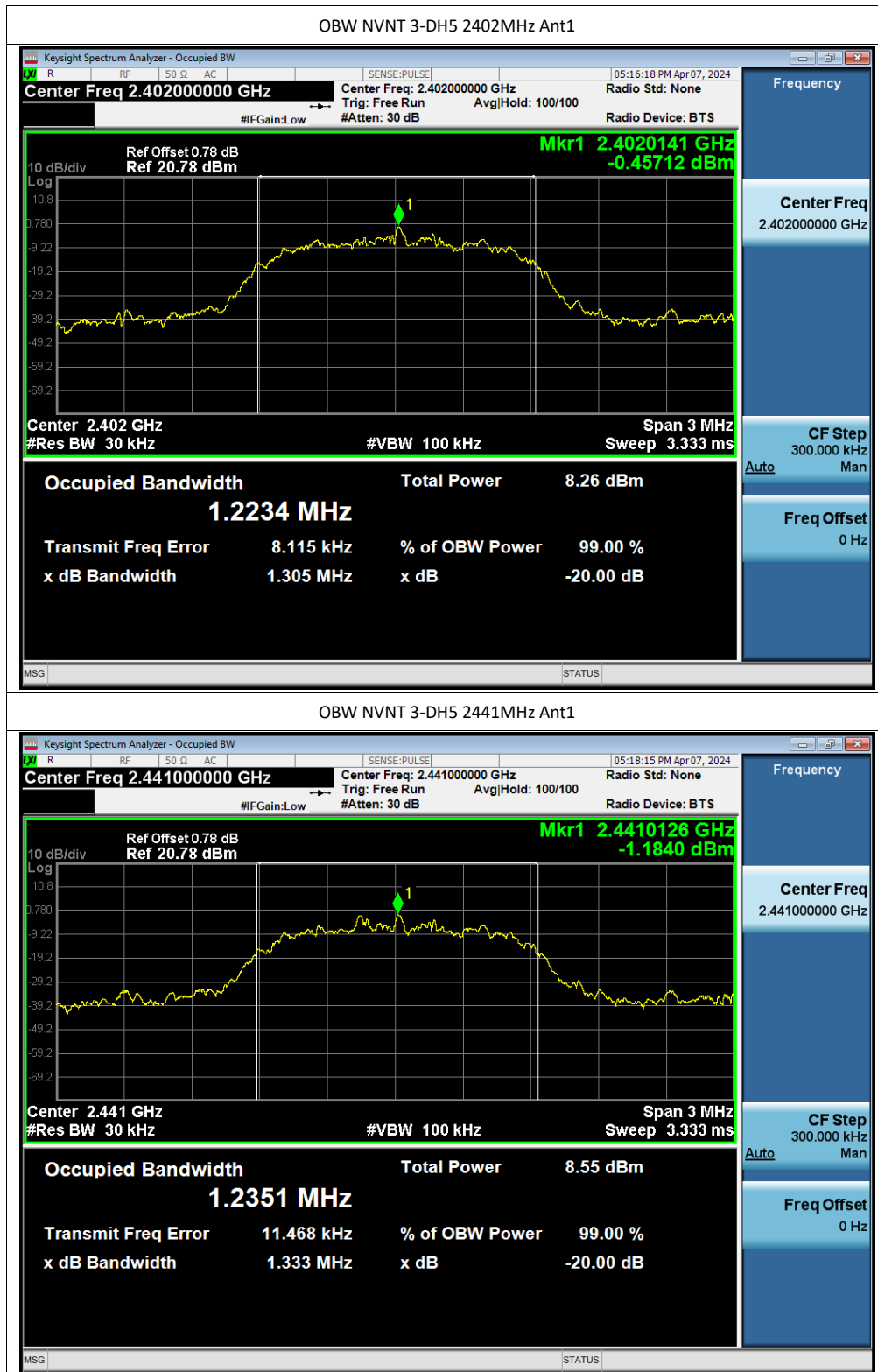


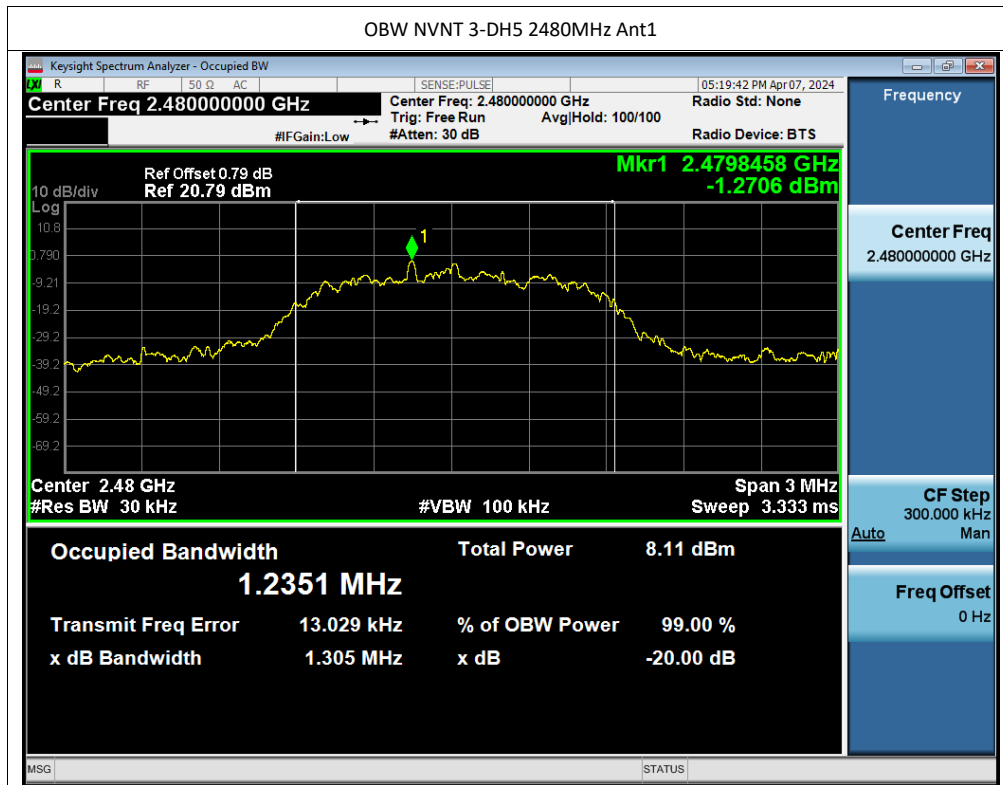
OBW NVNT 1-DH5 2441MHz Ant1











Carrier Frequencies Separation

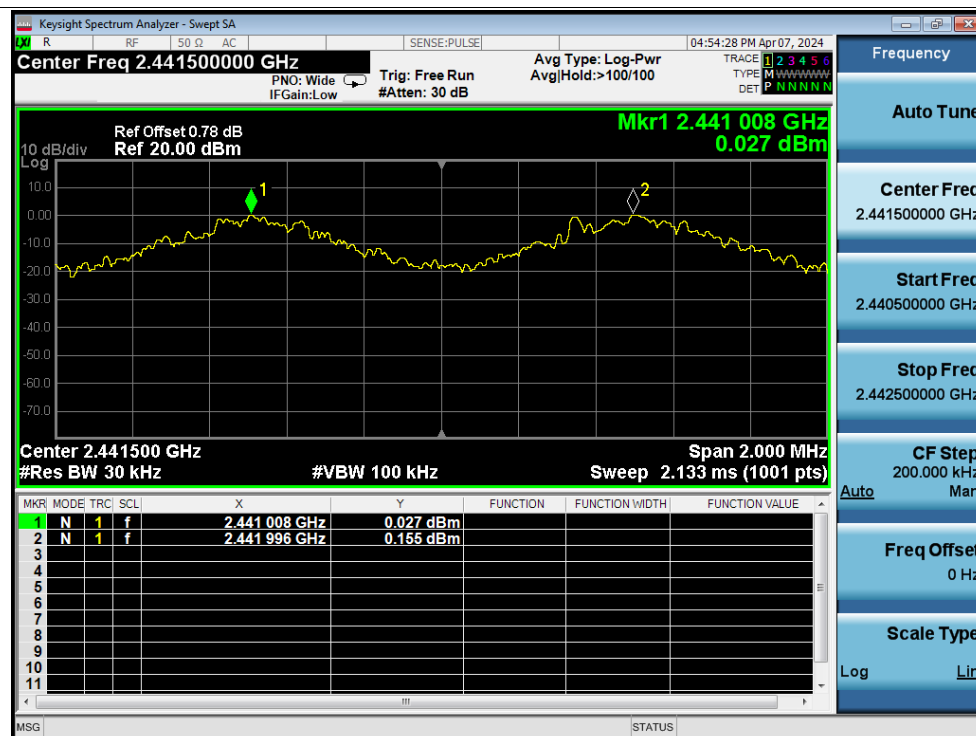
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.014	2403.002	0.988	0.68	Pass
NVNT	1-DH5	Ant1	2441.008	2441.996	0.988	0.687	Pass
NVNT	1-DH5	Ant1	2479.024	2480.008	0.984	0.693	Pass
NVNT	2-DH5	Ant1	2402.014	2402.986	0.972	0.88	Pass
NVNT	2-DH5	Ant1	2441.028	2442	0.972	0.893	Pass
NVNT	2-DH5	Ant1	2479.164	2480.158	0.994	0.92	Pass
NVNT	3-DH5	Ant1	2401.872	2402.868	0.996	0.873	Pass
NVNT	3-DH5	Ant1	2441.012	2441.924	0.912	0.893	Pass
NVNT	3-DH5	Ant1	2478.842	2479.874	1.032	0.867	Pass

Test Graphs

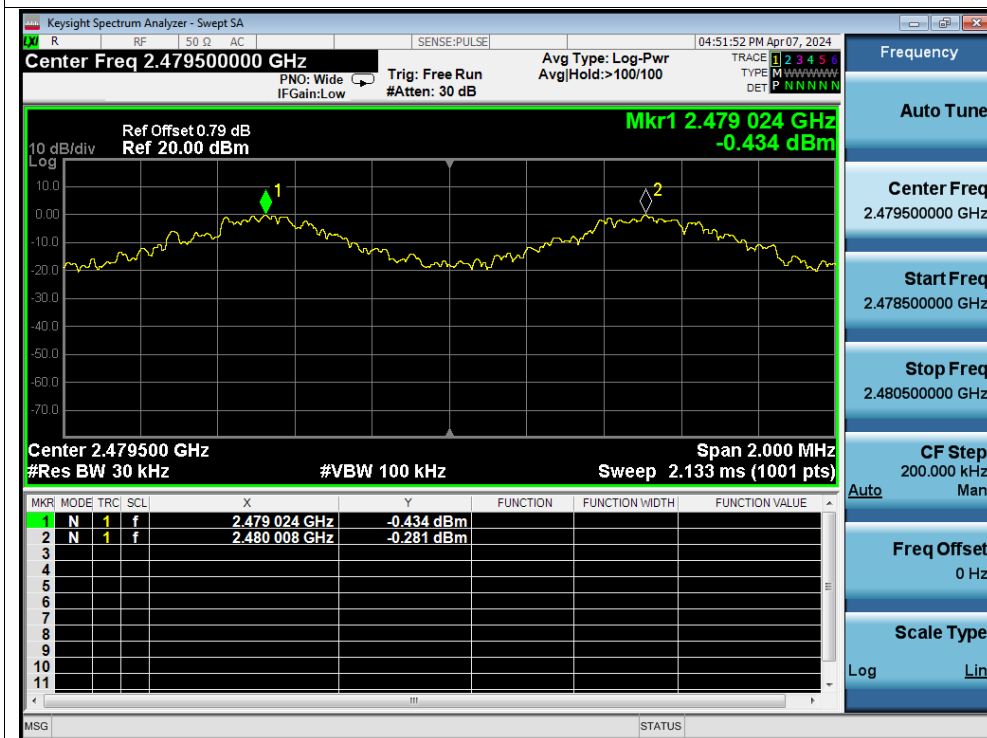
CFS NVNT 1-DH5 2402MHz Ant1



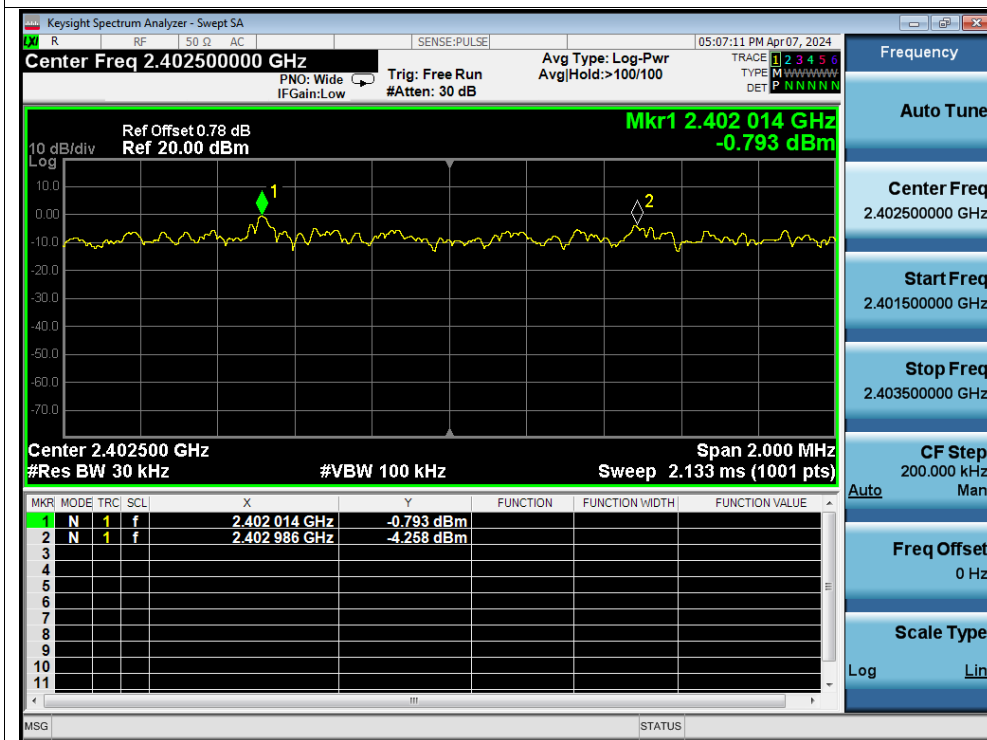
CFS NVNT 1-DH5 2441MHz Ant1



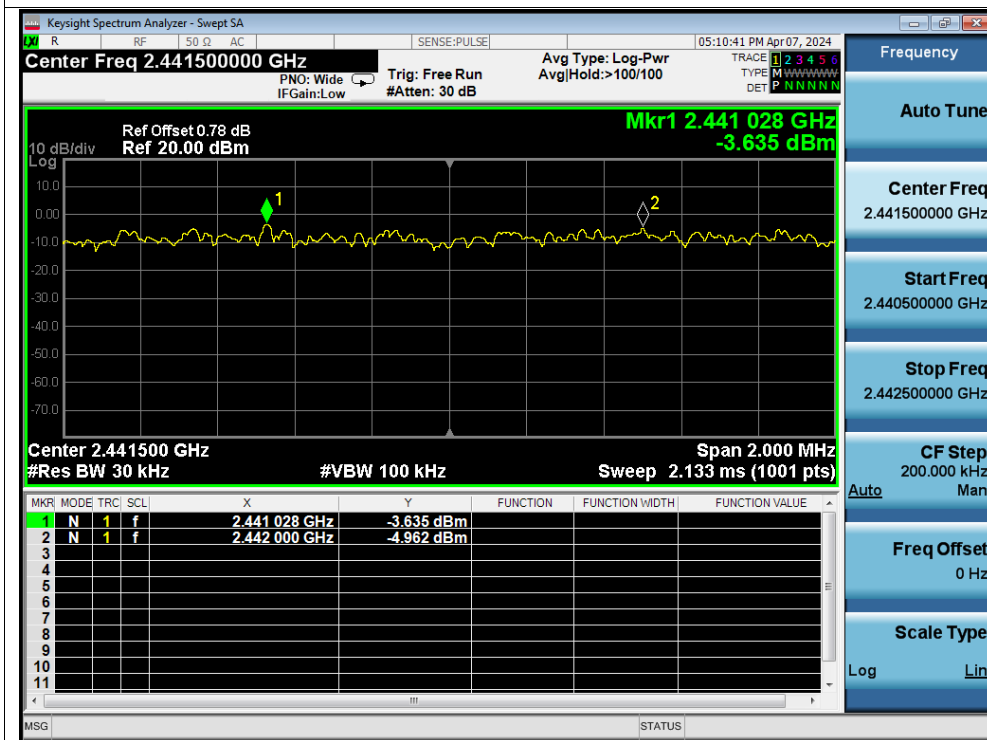
CFS NVNT 1-DH5 2480MHz Ant1



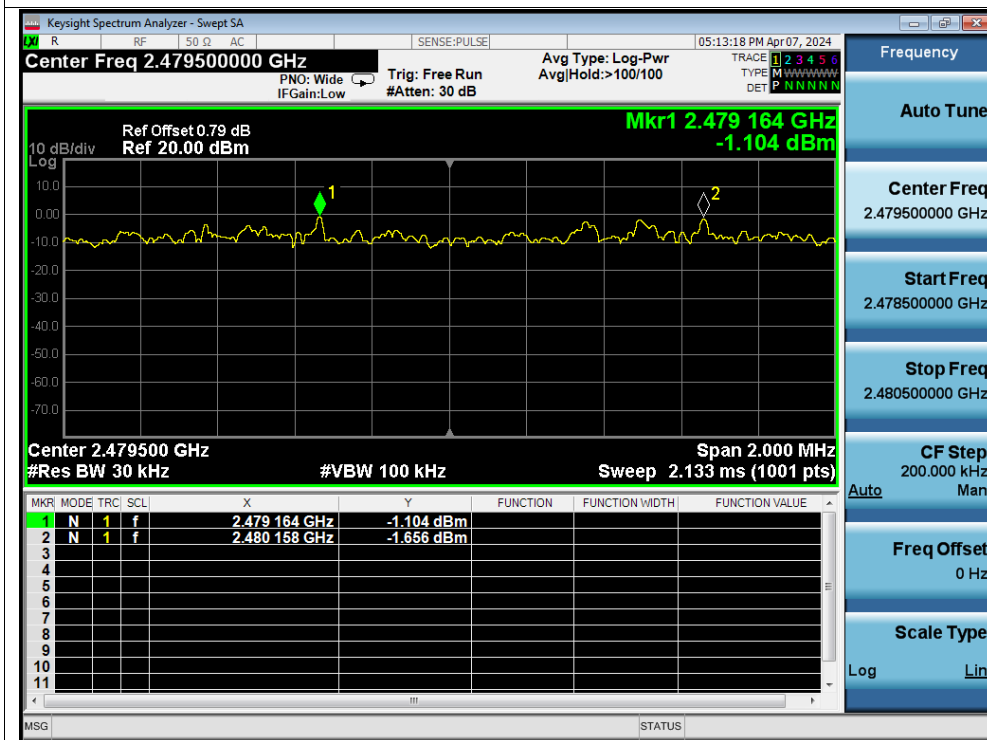
CFS NVNT 2-DH5 2402MHz Ant1



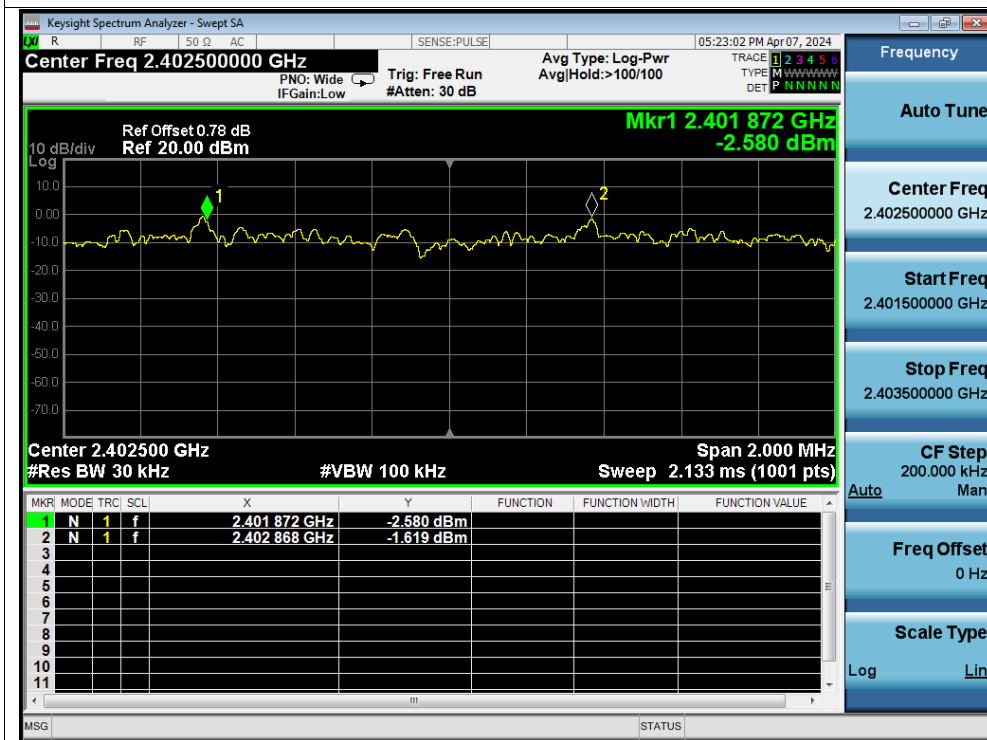
CFS NVNT 2-DH5 2441MHz Ant1



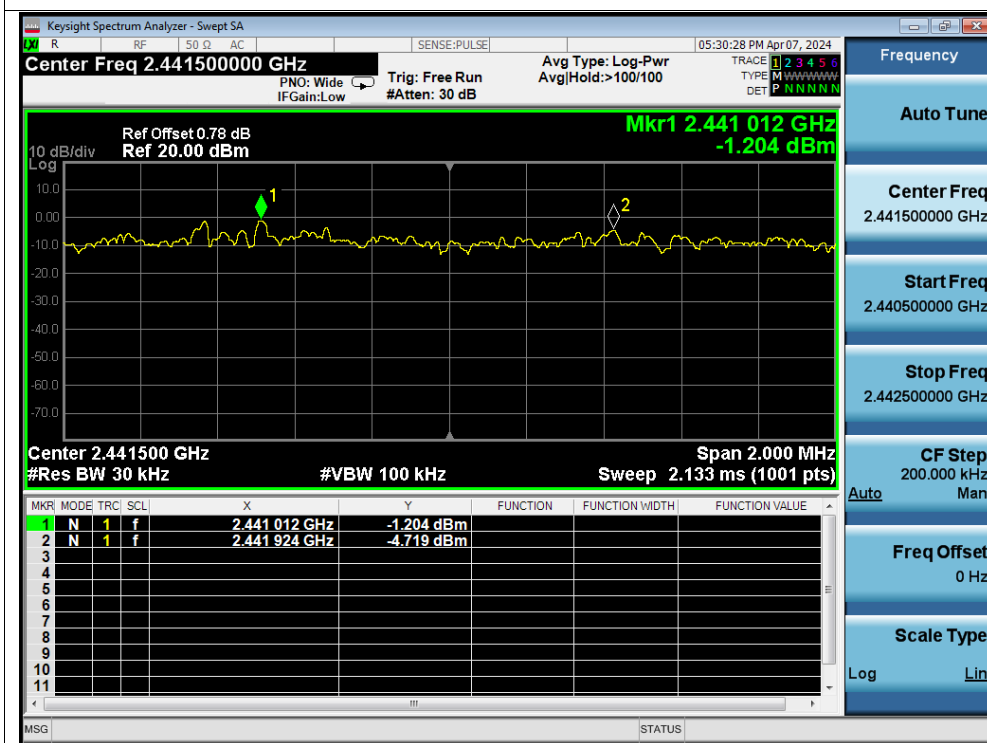
CFS NVNT 2-DH5 2480MHz Ant1

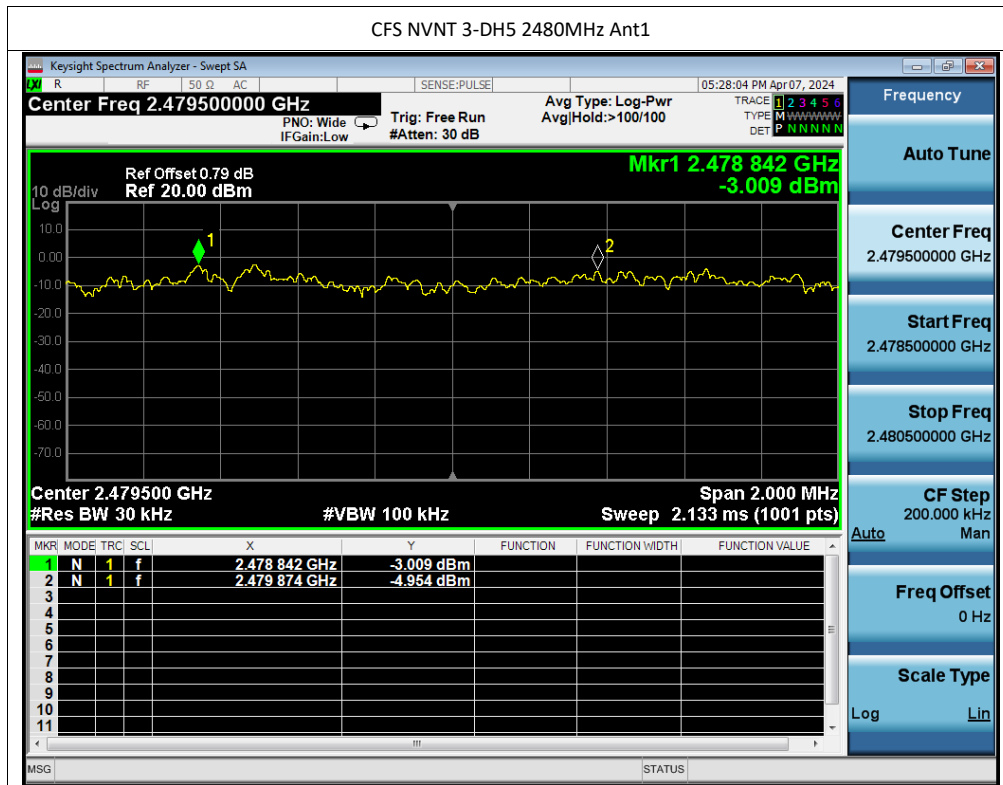


CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1



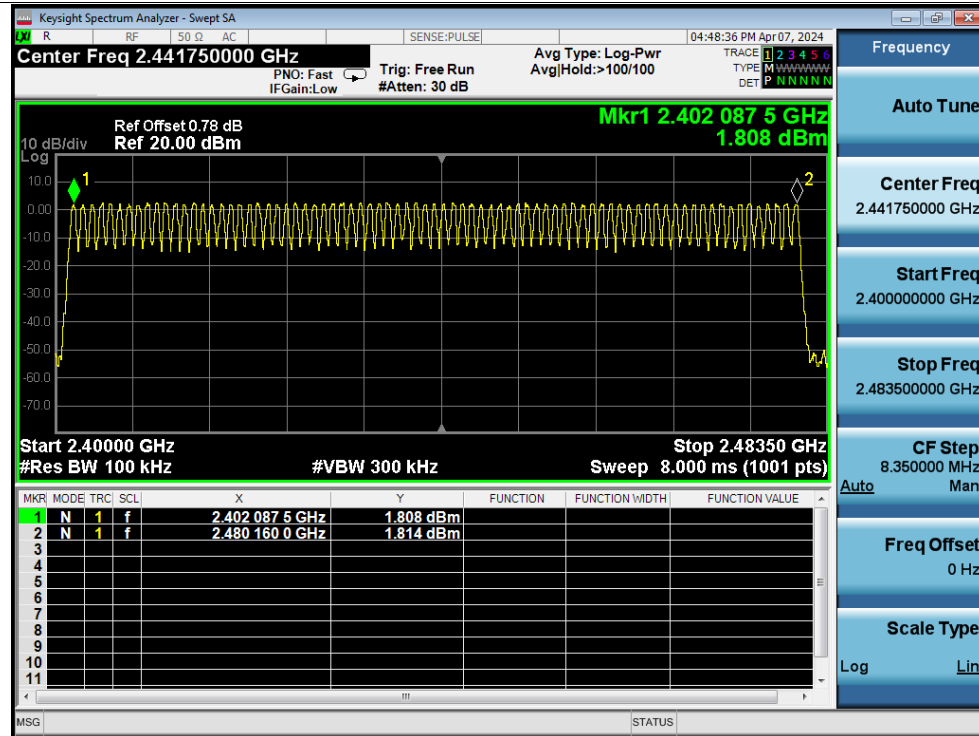


Number of Hopping Channel

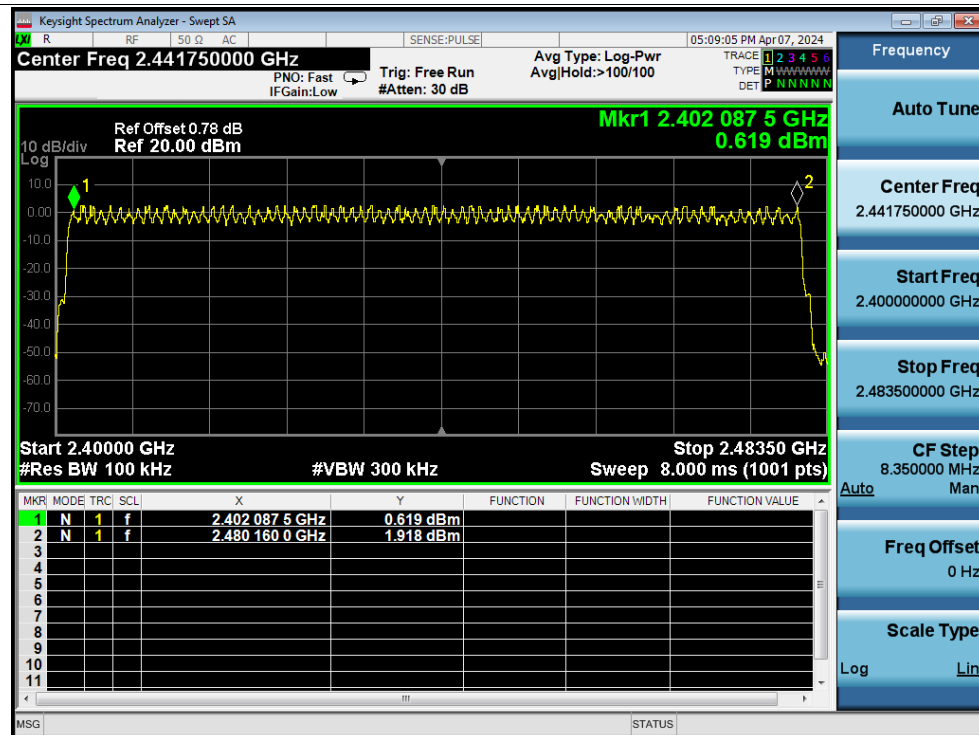
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

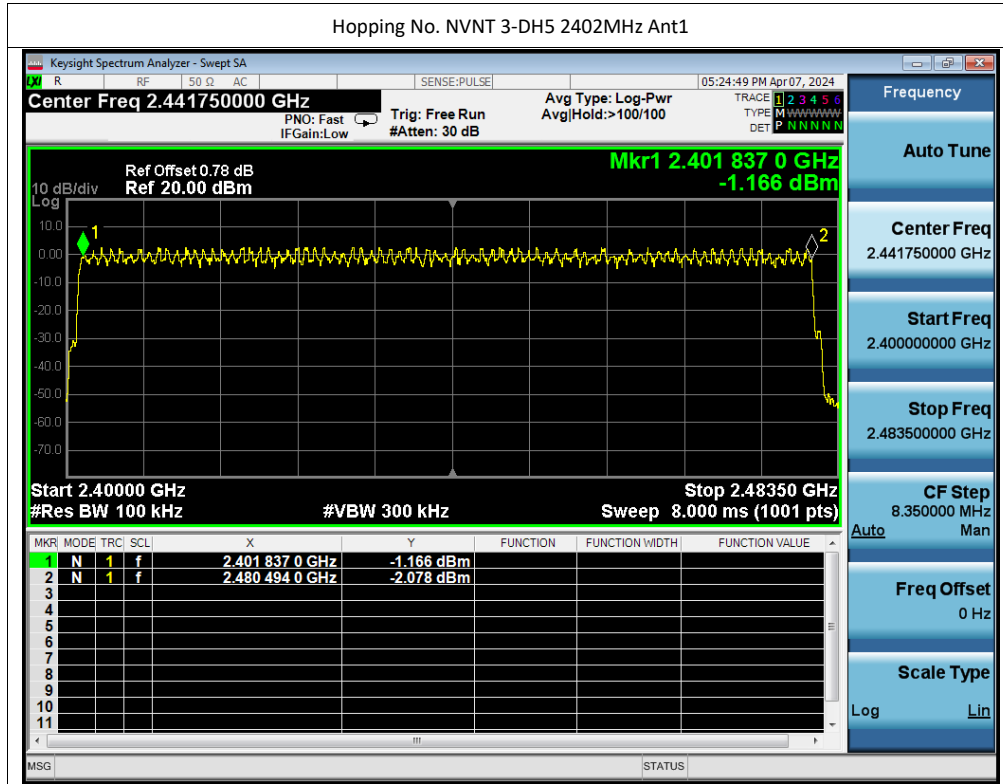
Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



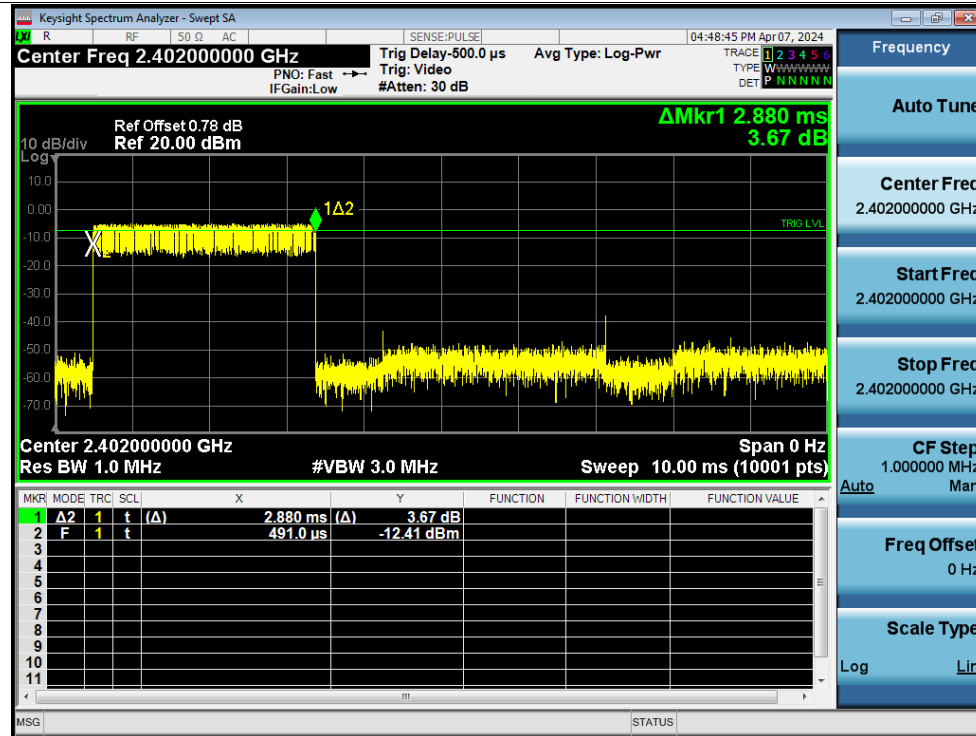


Dwell Time

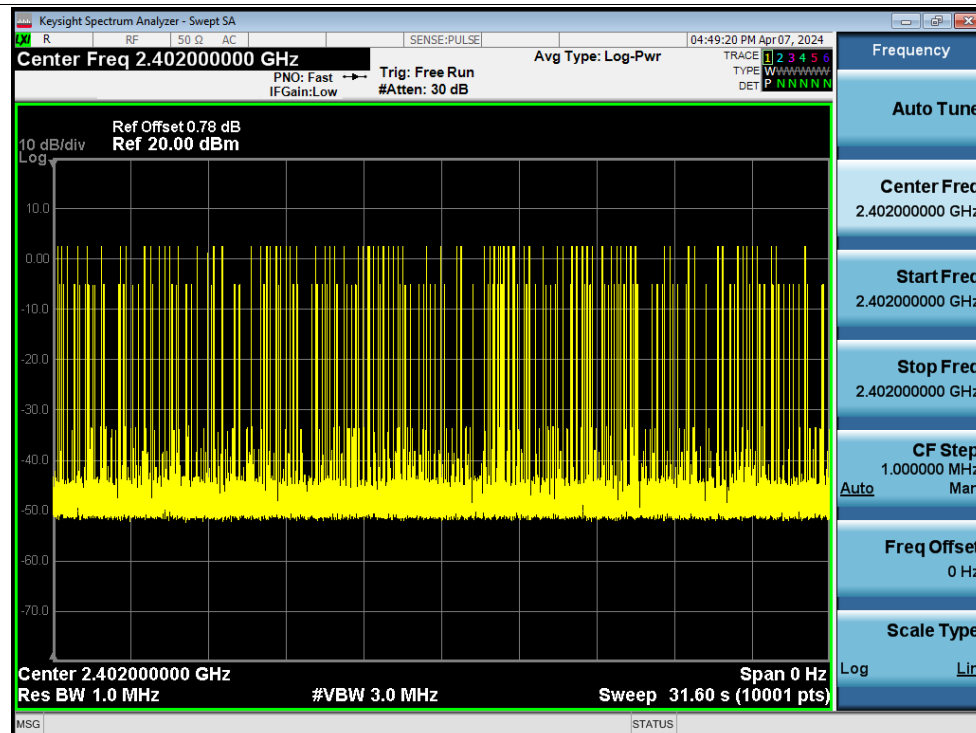
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.88	296.64	103	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.88	273.6	95	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.88	264.96	92	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.886	346.32	120	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.886	282.828	98	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.88	282.24	98	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.888	277.248	96	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.887	300.248	104	31600	400	Pass
NVNT	3-DH5	2480	Ant1	2.887	329.118	114	31600	400	Pass

Test Graphs

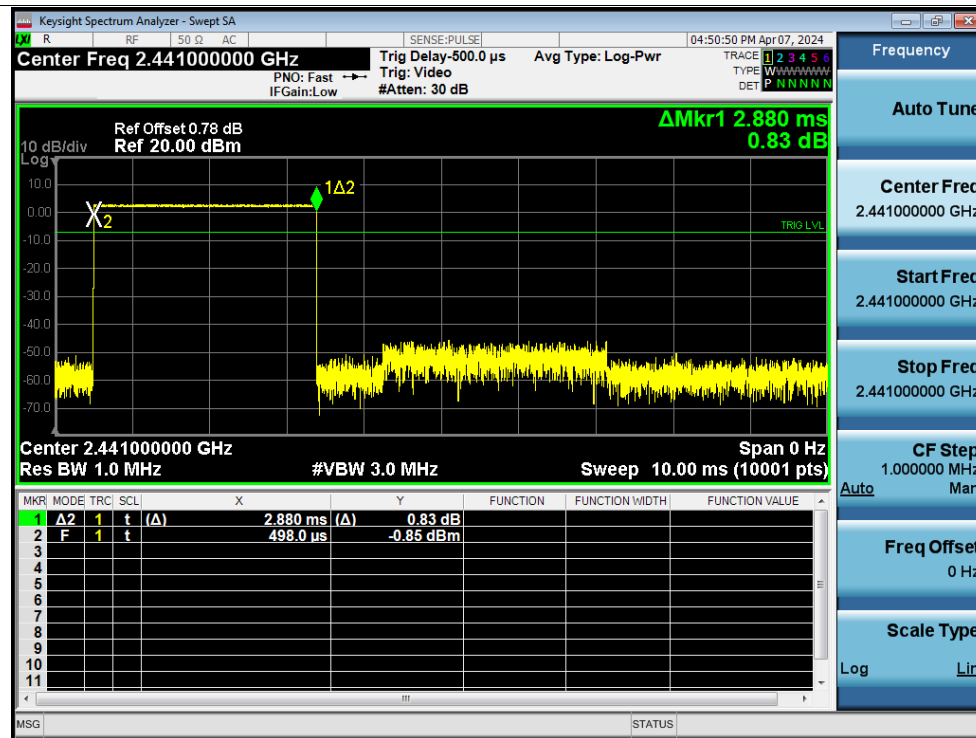
Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



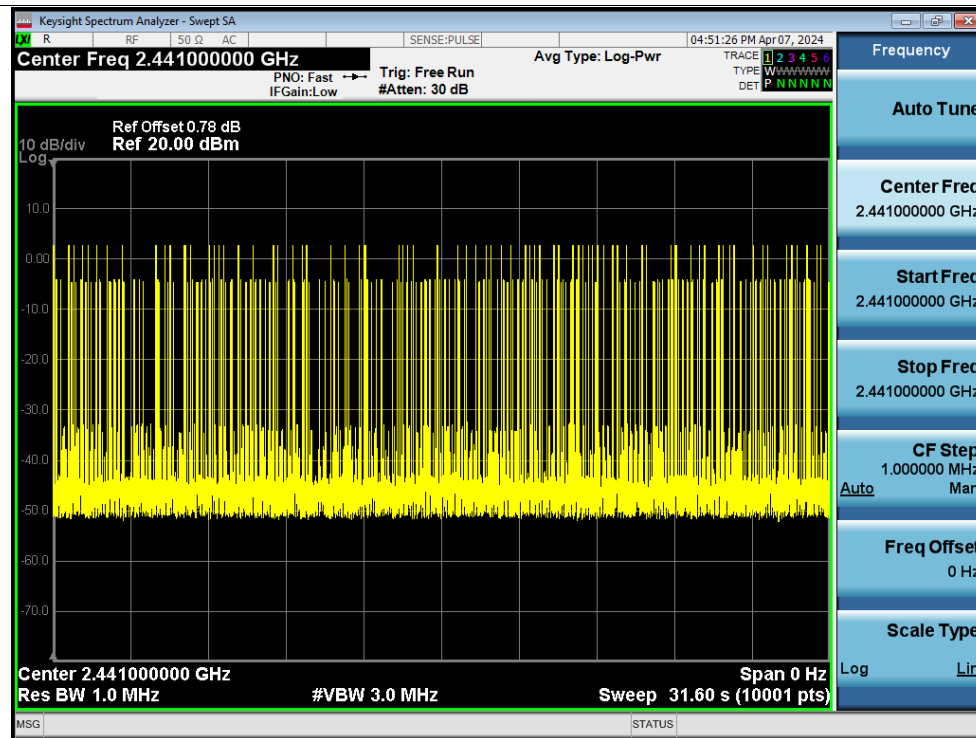
Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



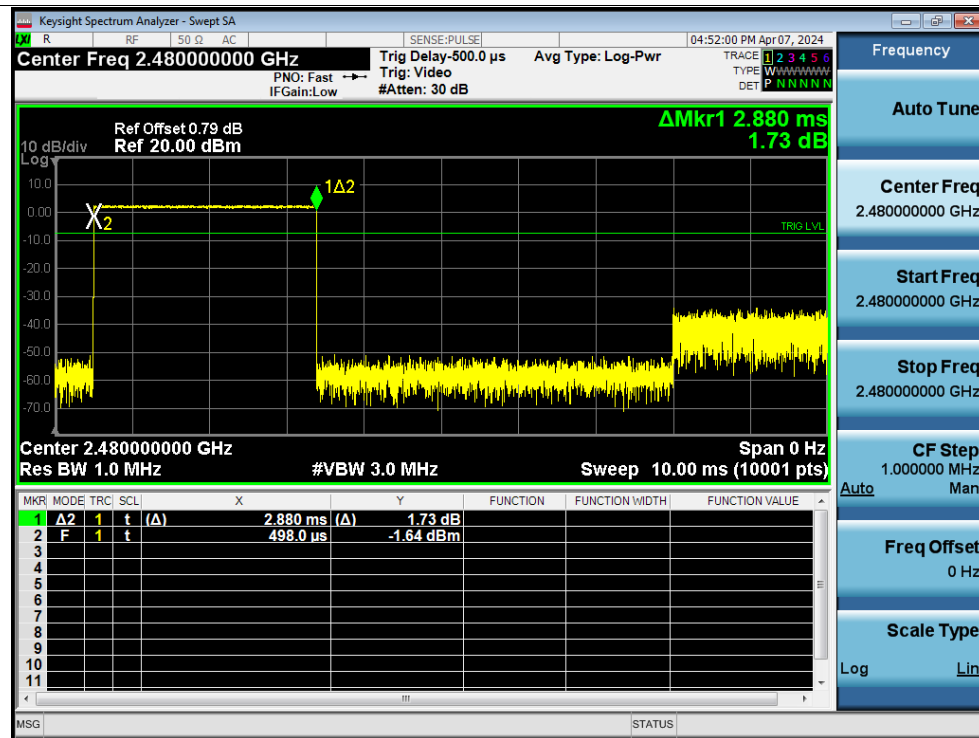
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



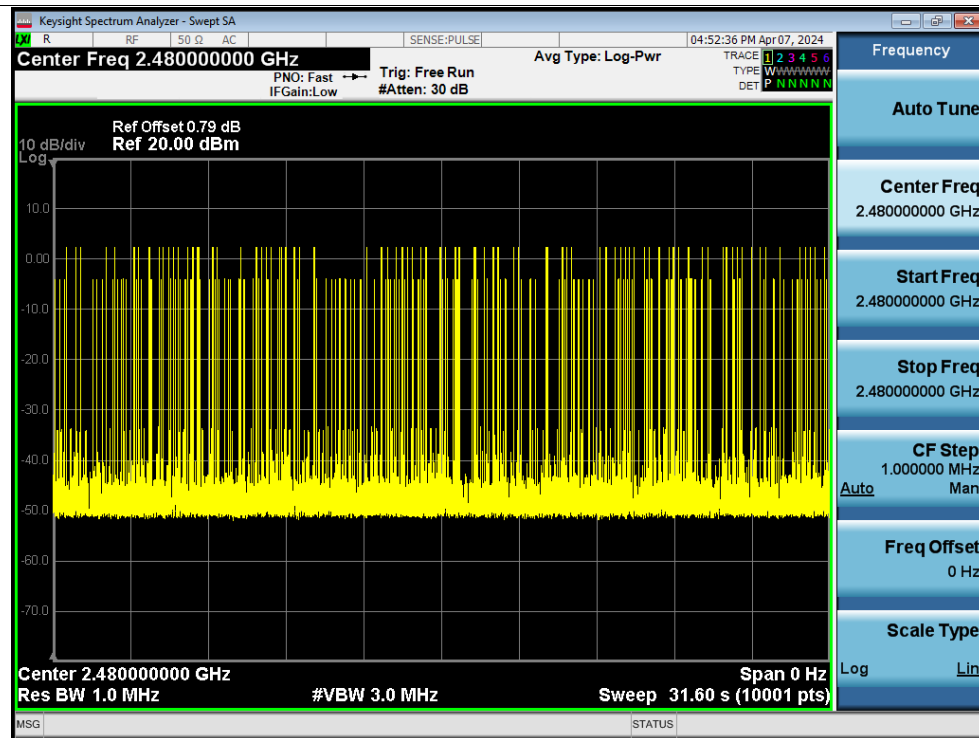
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated

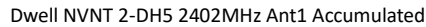
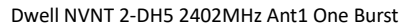


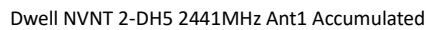
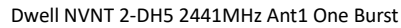
Dwell NVNT 1-DH5 2480MHz Ant1 One Burst



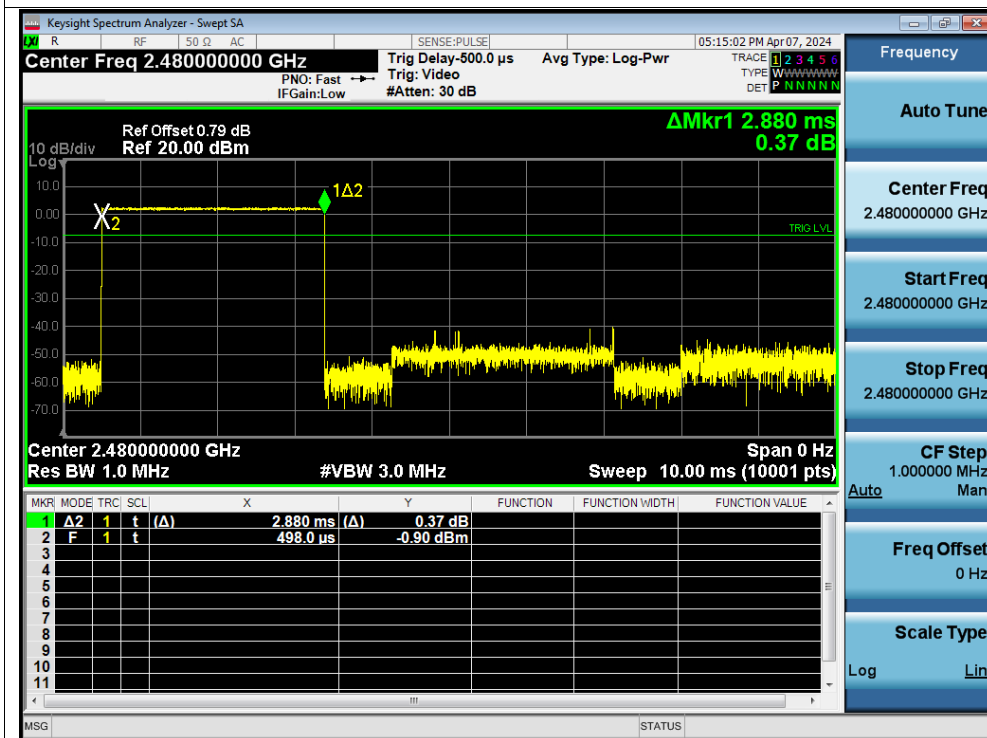
Dwell NVNT 1-DH5 2480MHz Ant1 Accumulated



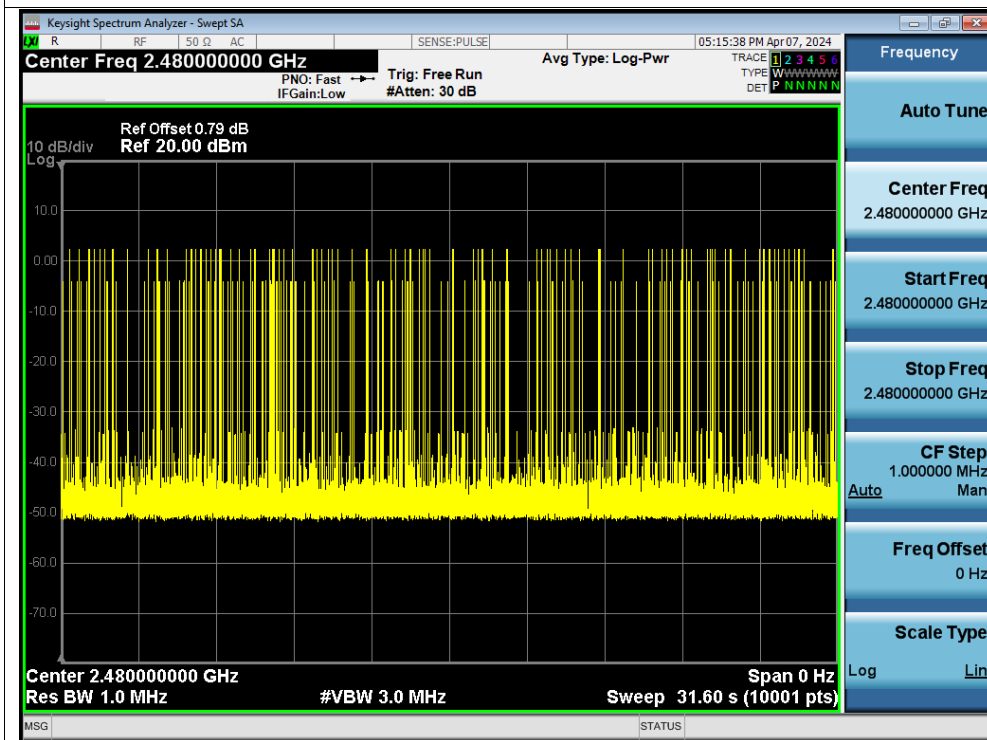




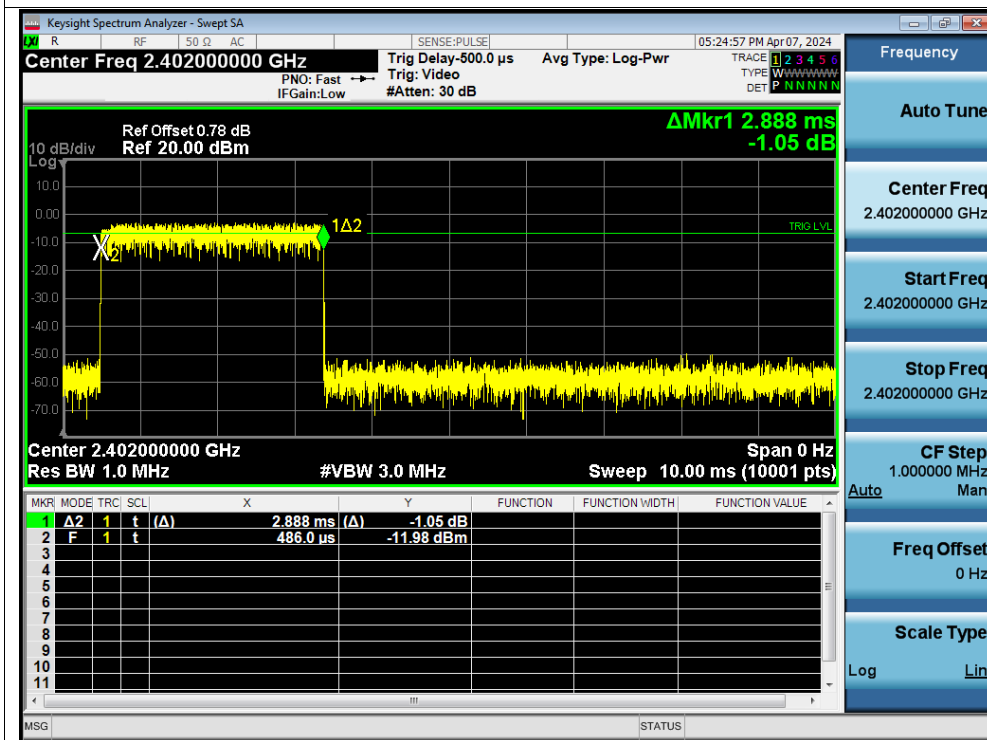
Dwell NVNT 2-DH5 2480MHz Ant1 One Burst



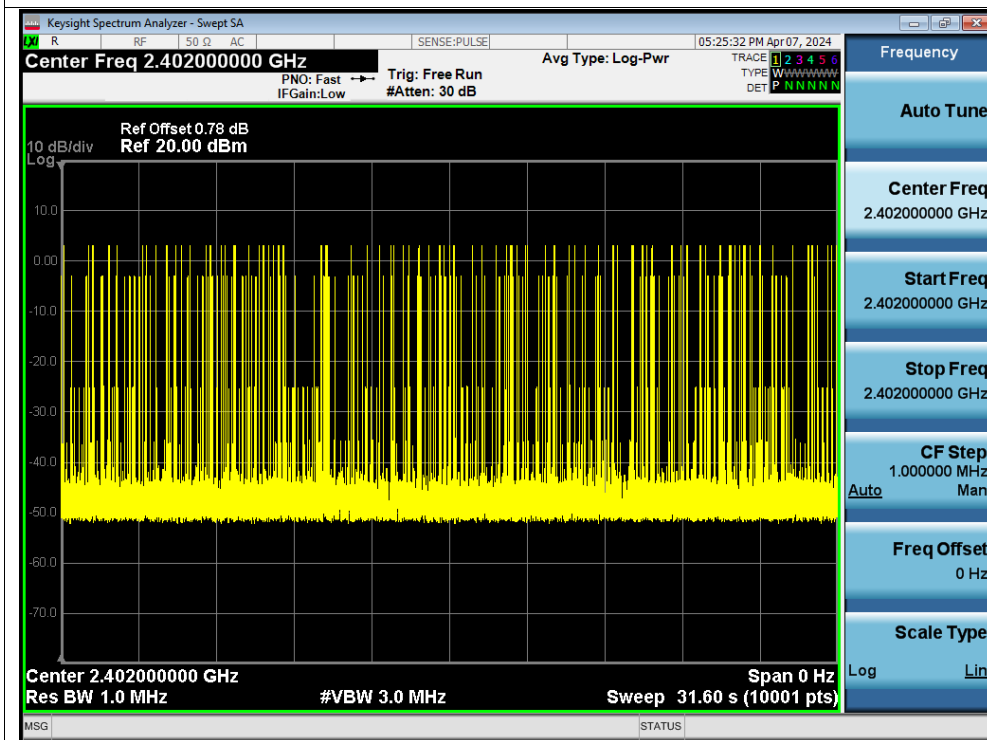
Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated

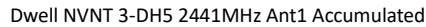
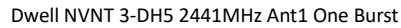


Dwell NVNT 3-DH5 2402MHz Ant1 One Burst

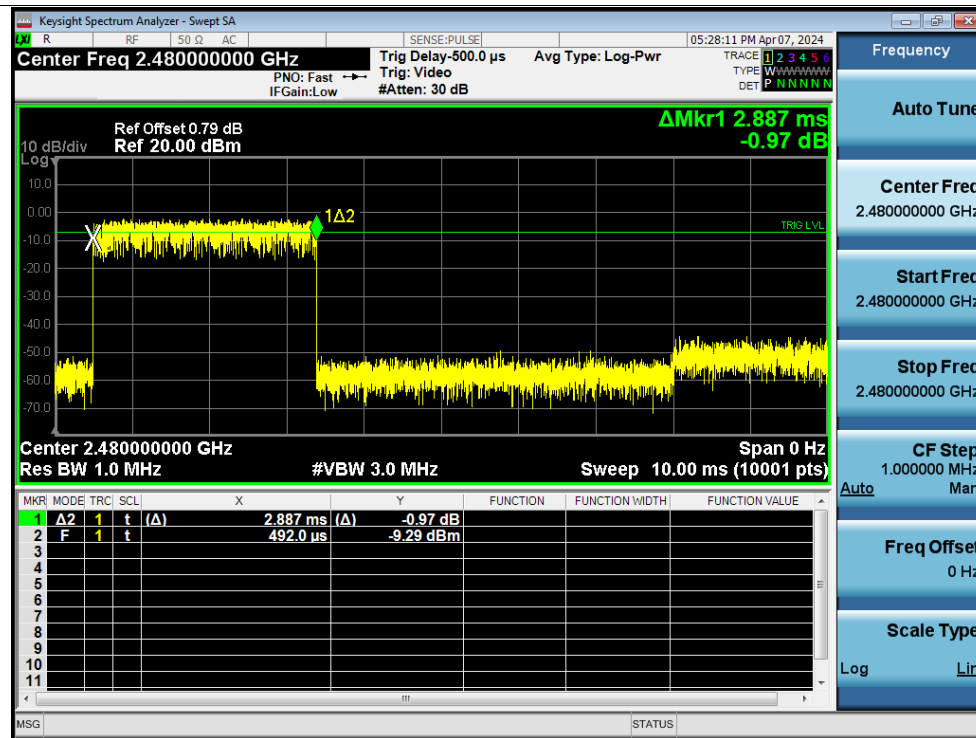


Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated

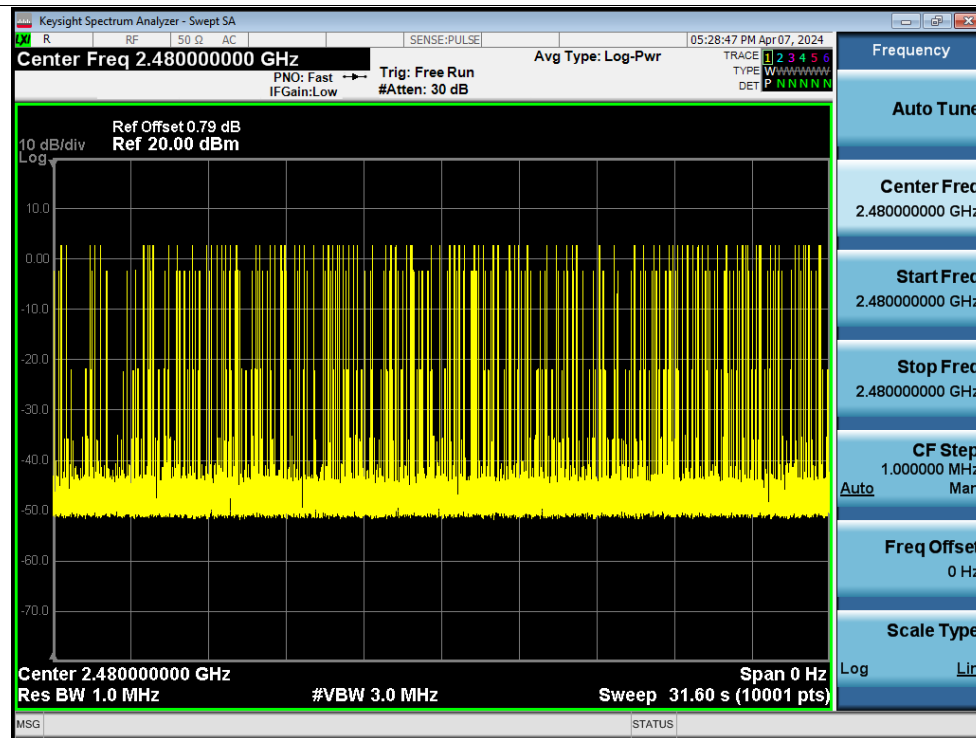




Dwell NVNT 3-DH5 2480MHz Ant1 One Burst



Dwell NVNT 3-DH5 2480MHz Ant1 Accumulated

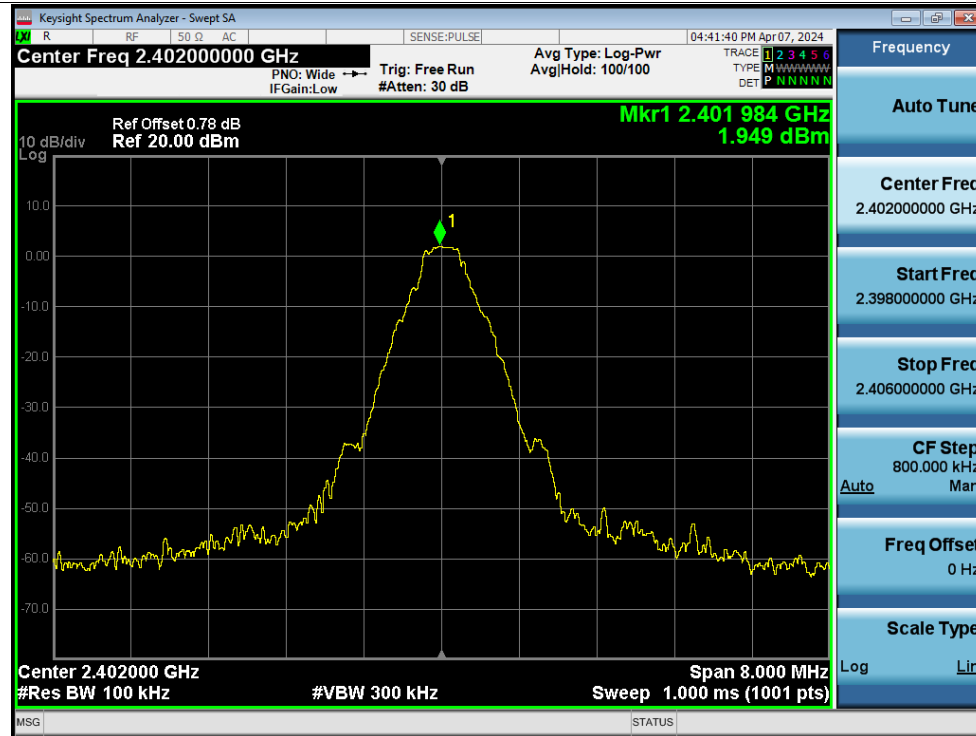


Band Edge

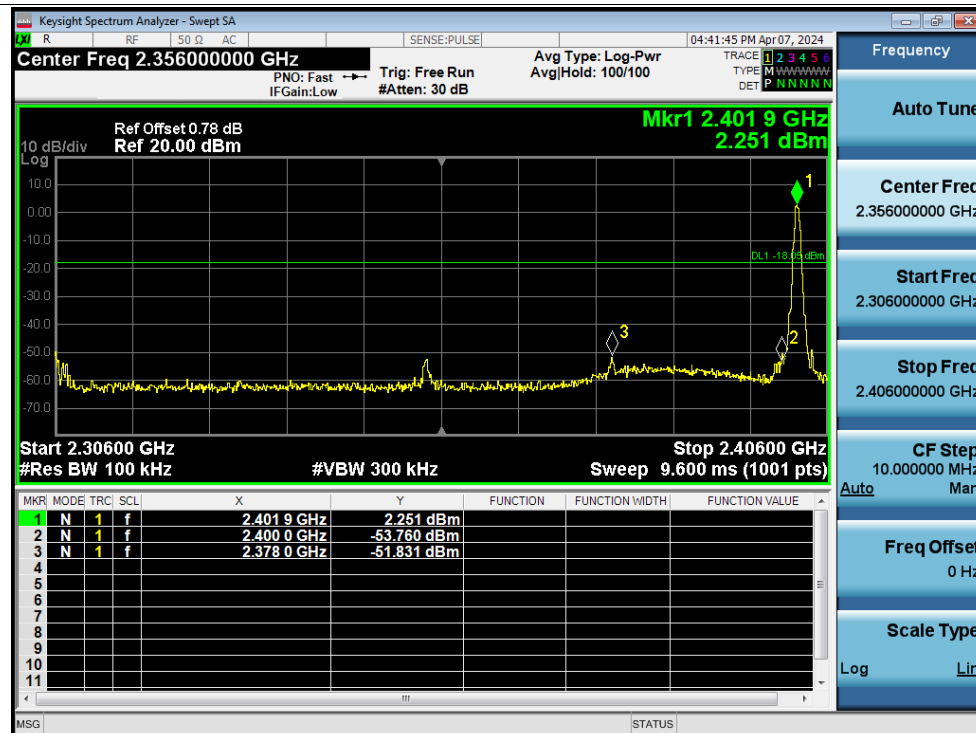
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-53.78	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-56.23	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-51.74	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-54.51	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-52.23	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-55.29	-20	Pass

Test Graphs

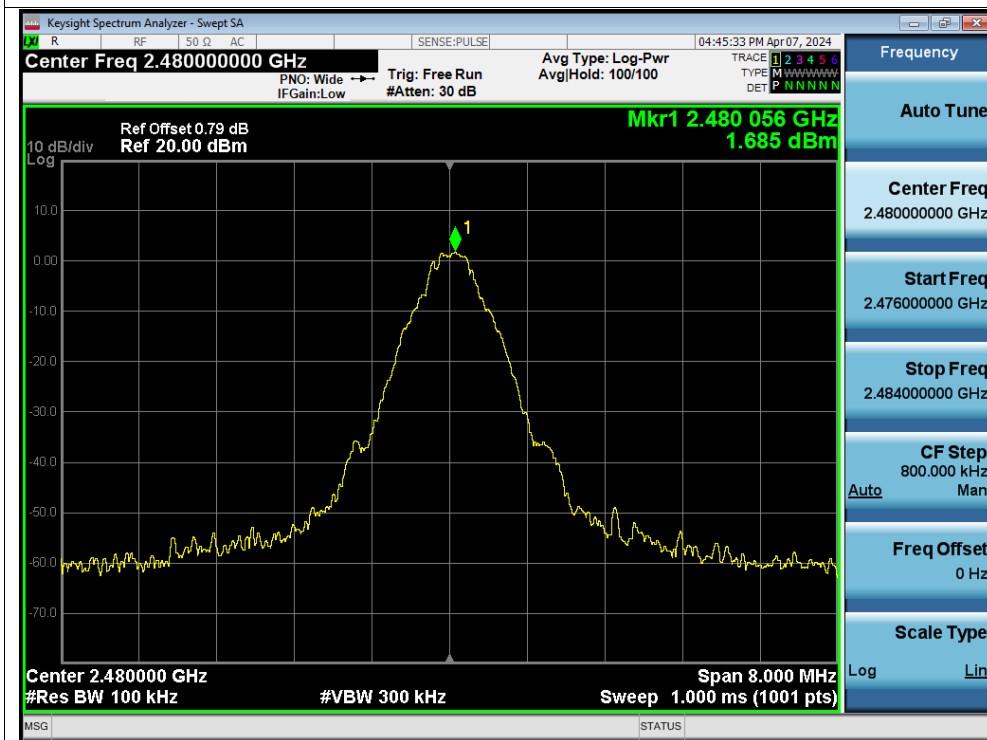
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



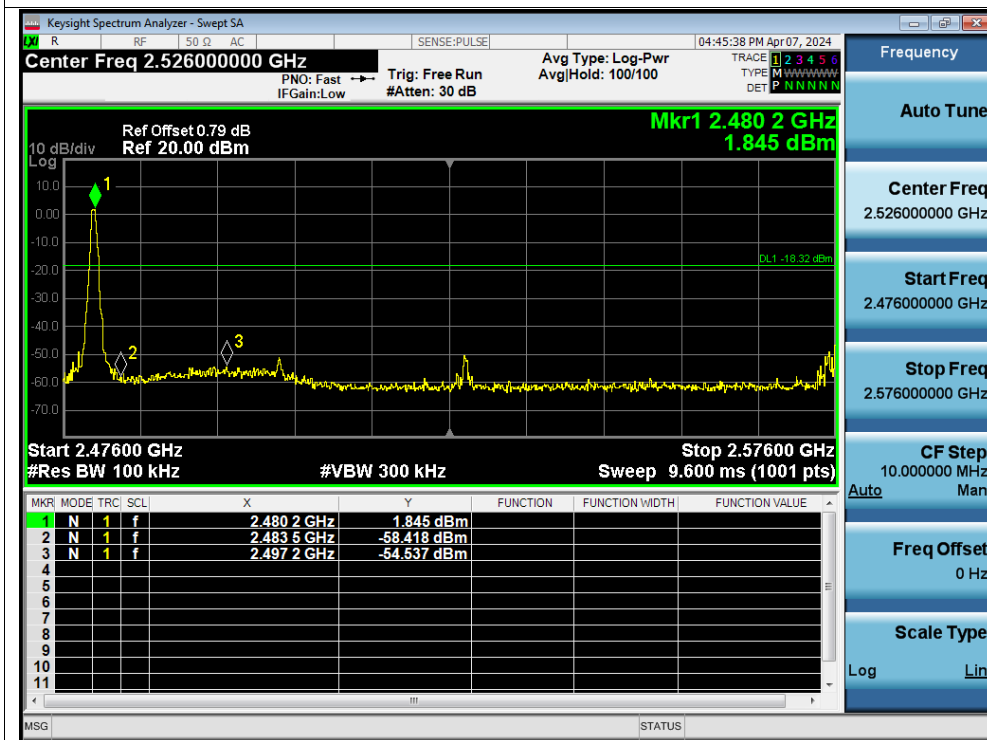
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



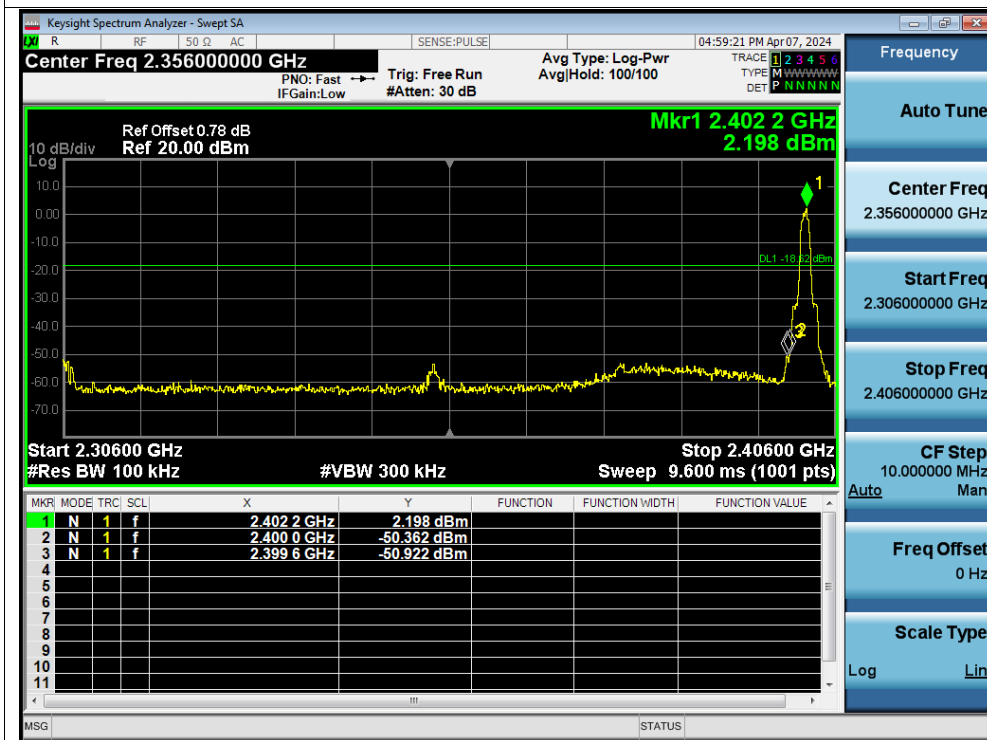
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



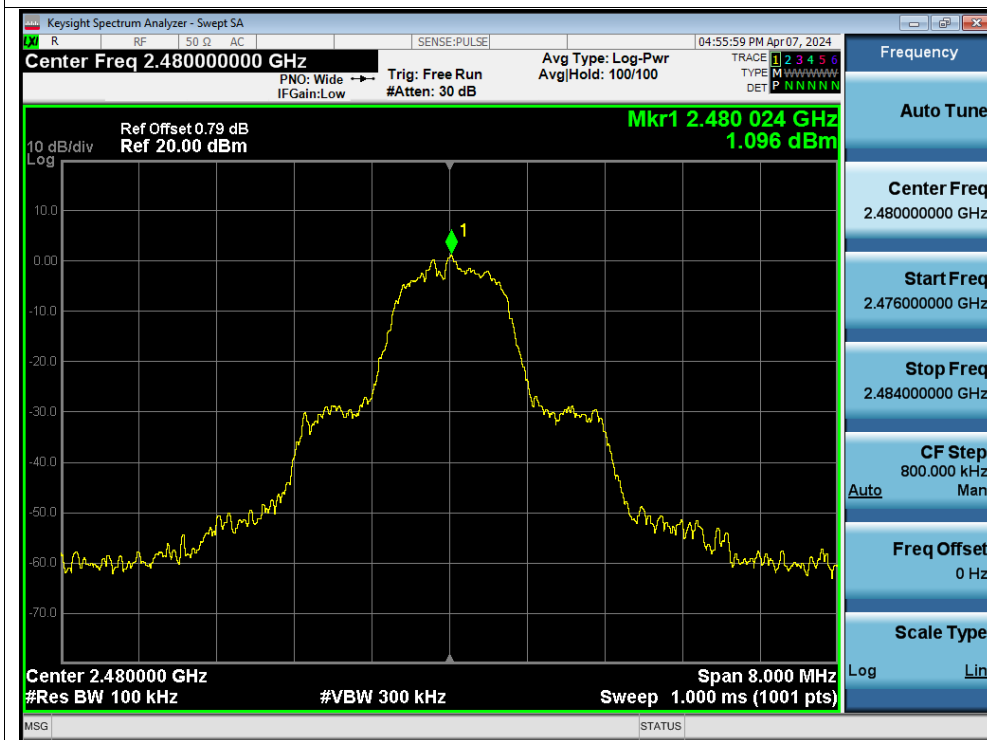
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



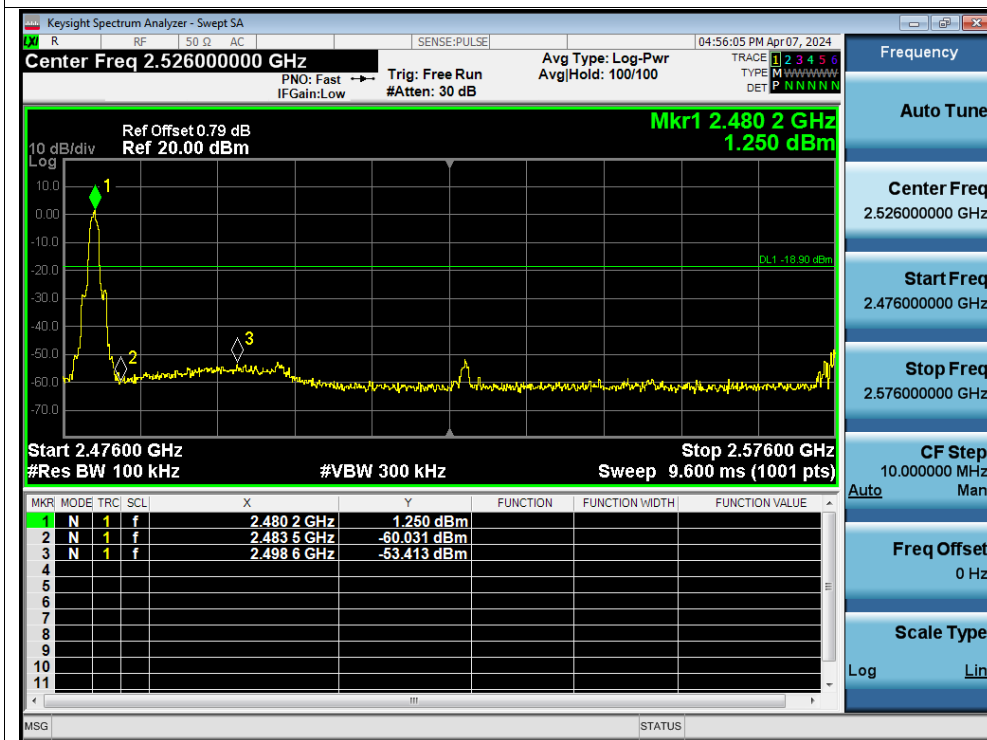
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



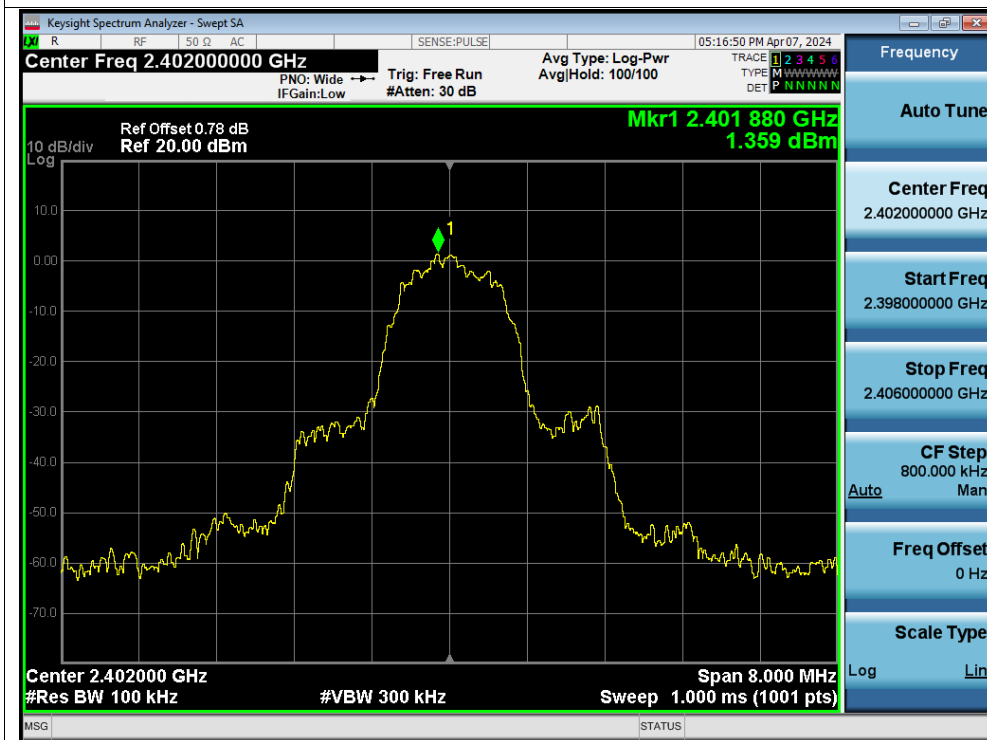
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



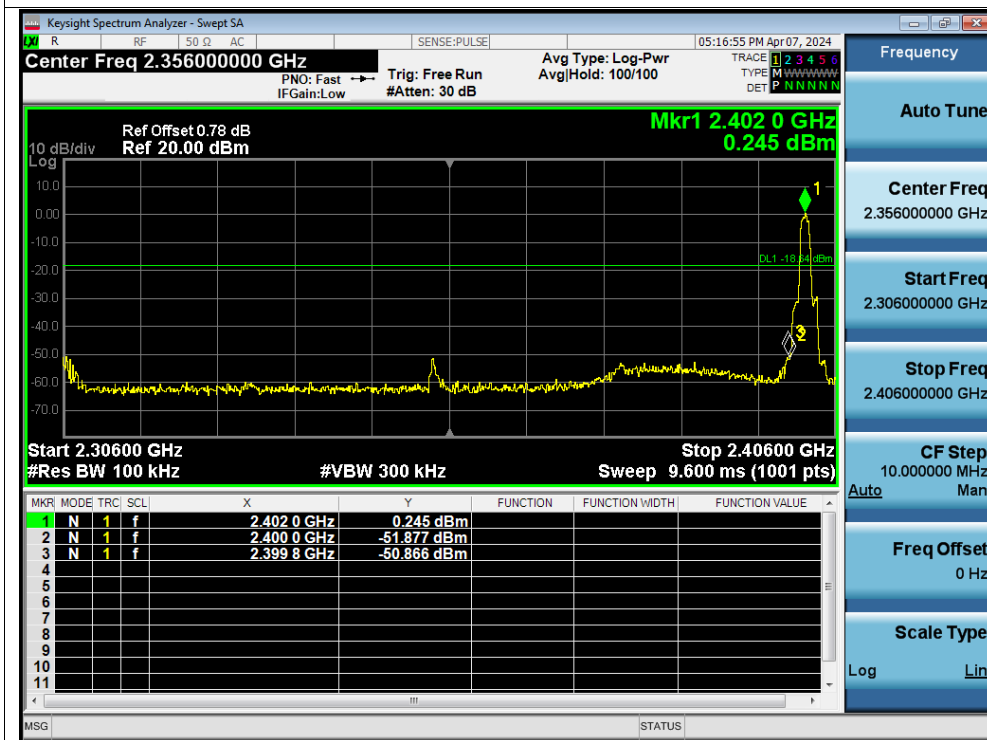
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



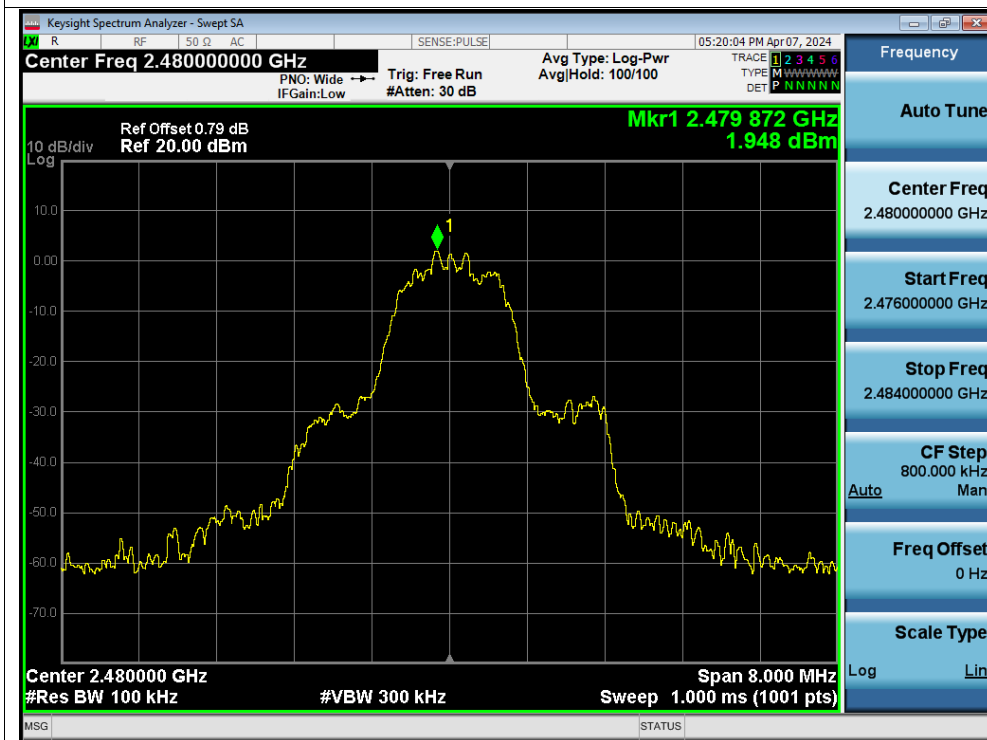
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



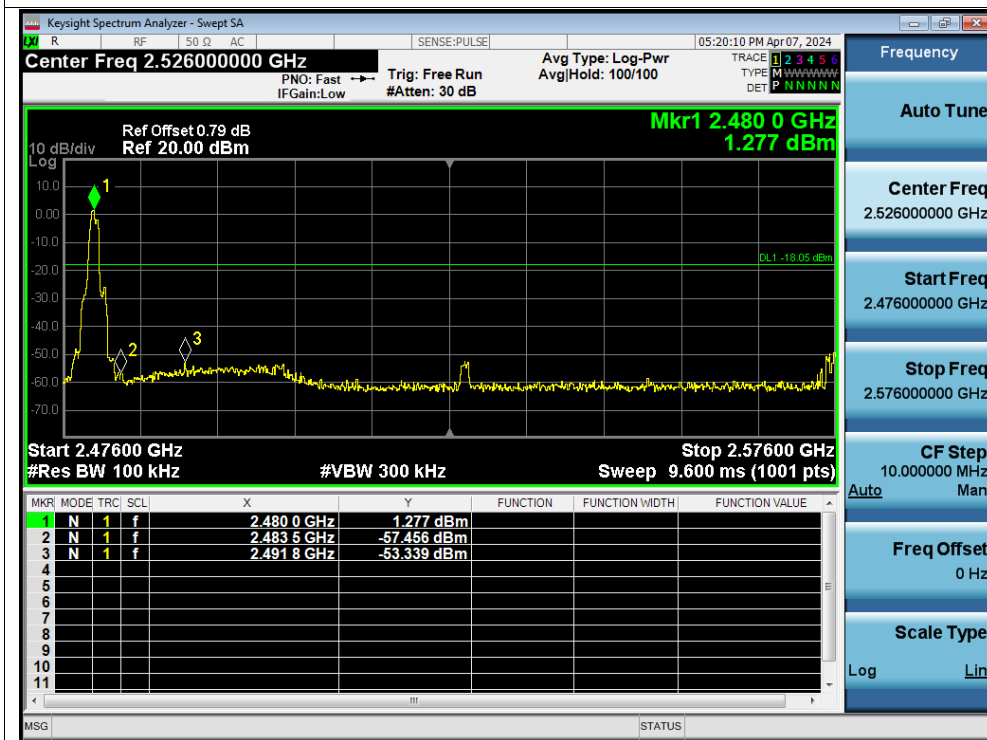
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission



Band Edge(Hopping)

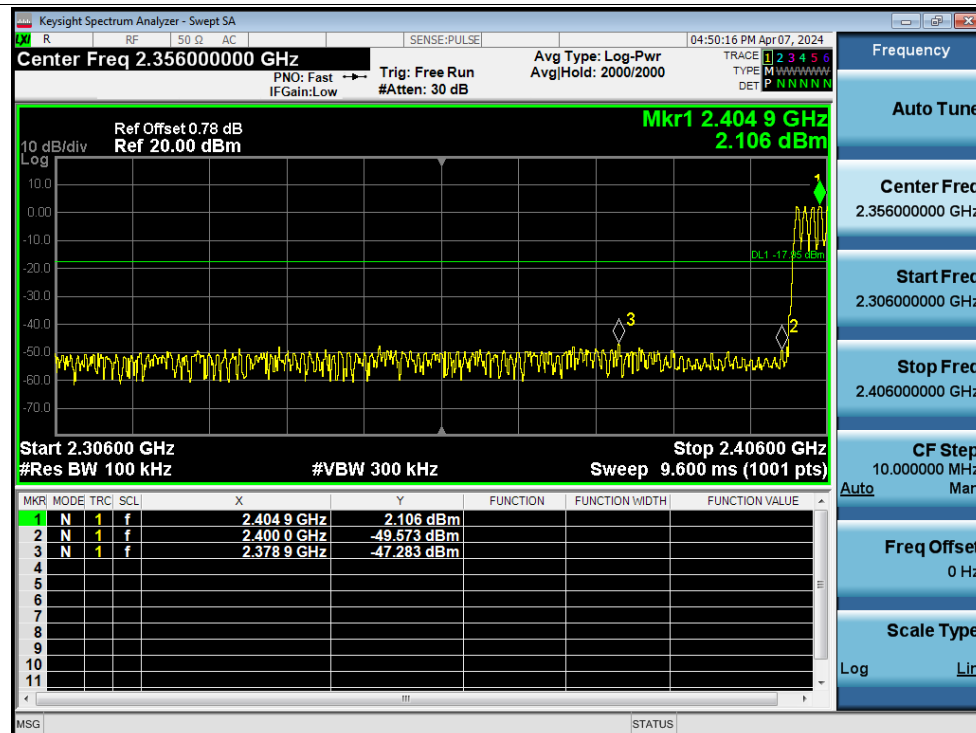
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-49.33	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-49.12	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-49.37	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-47.14	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-50.38	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-48.18	-20	Pass

Test Graphs

Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



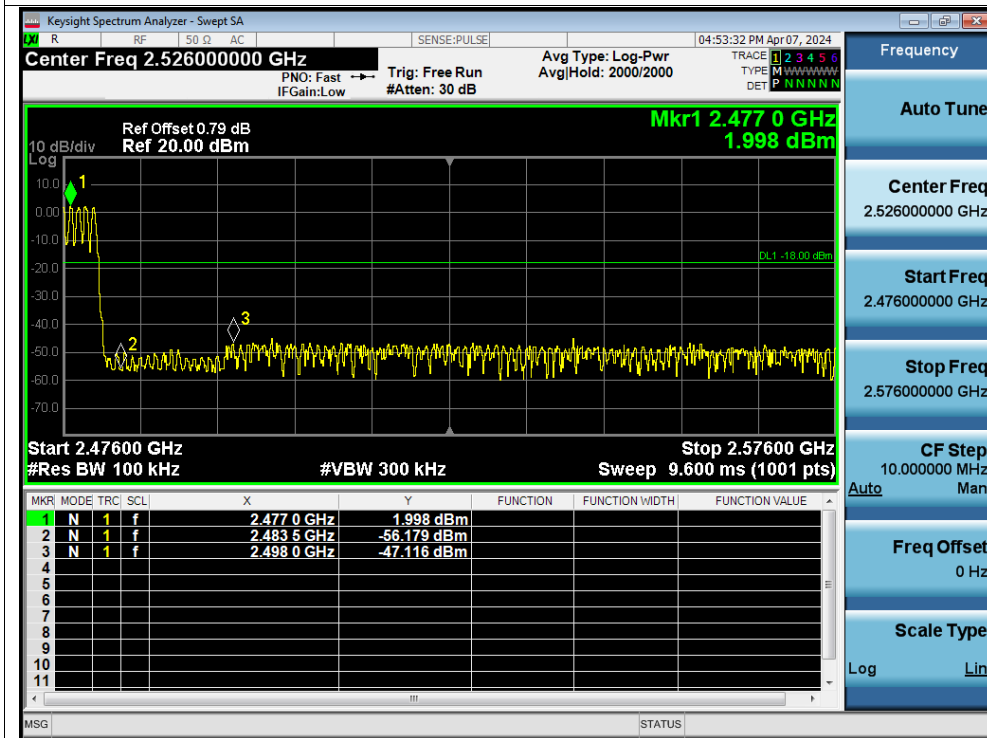
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



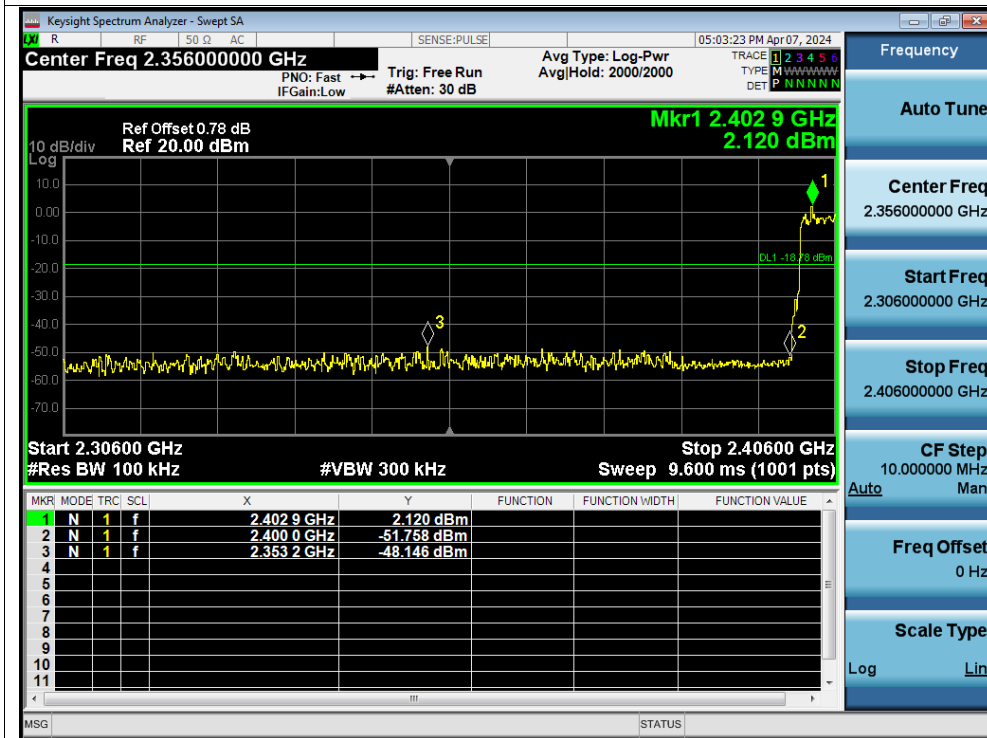
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



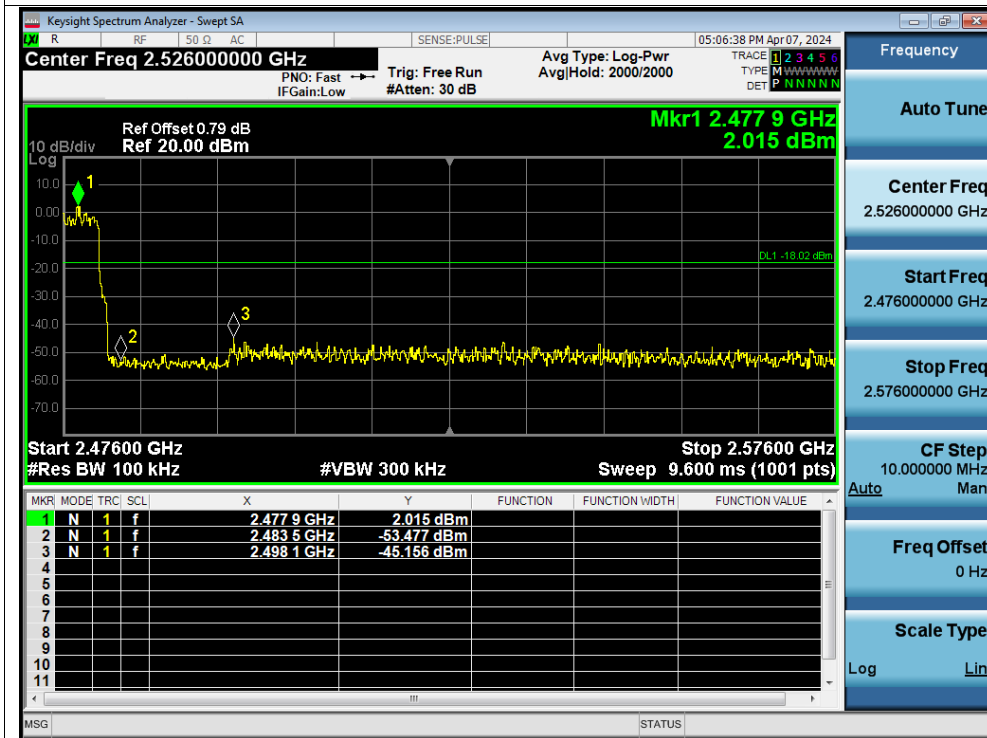
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



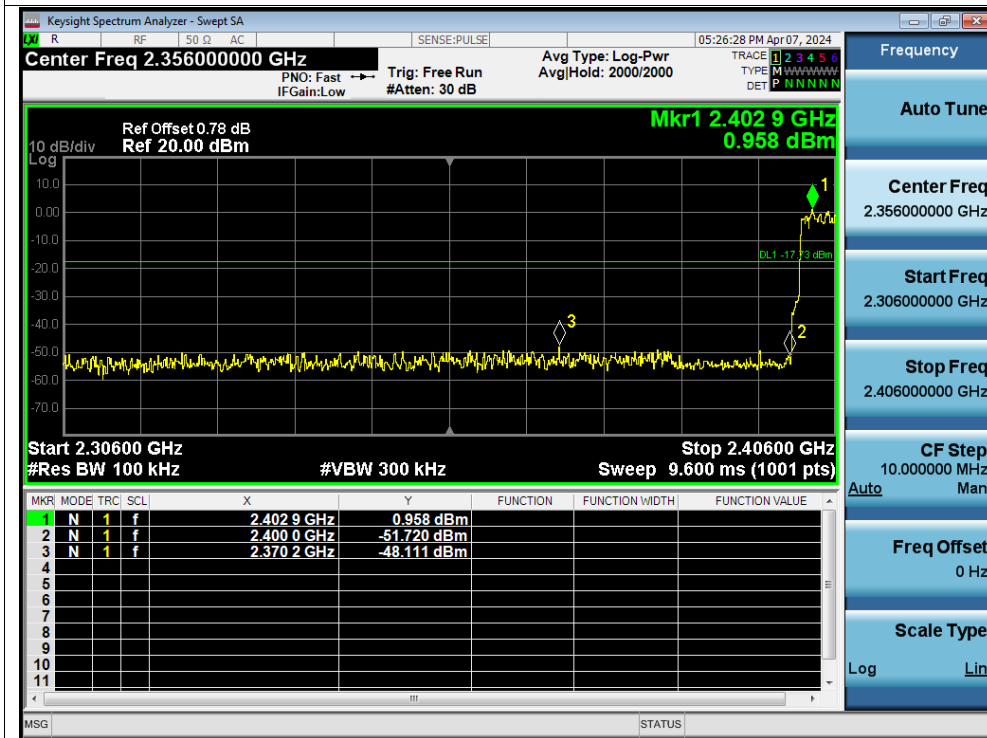
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



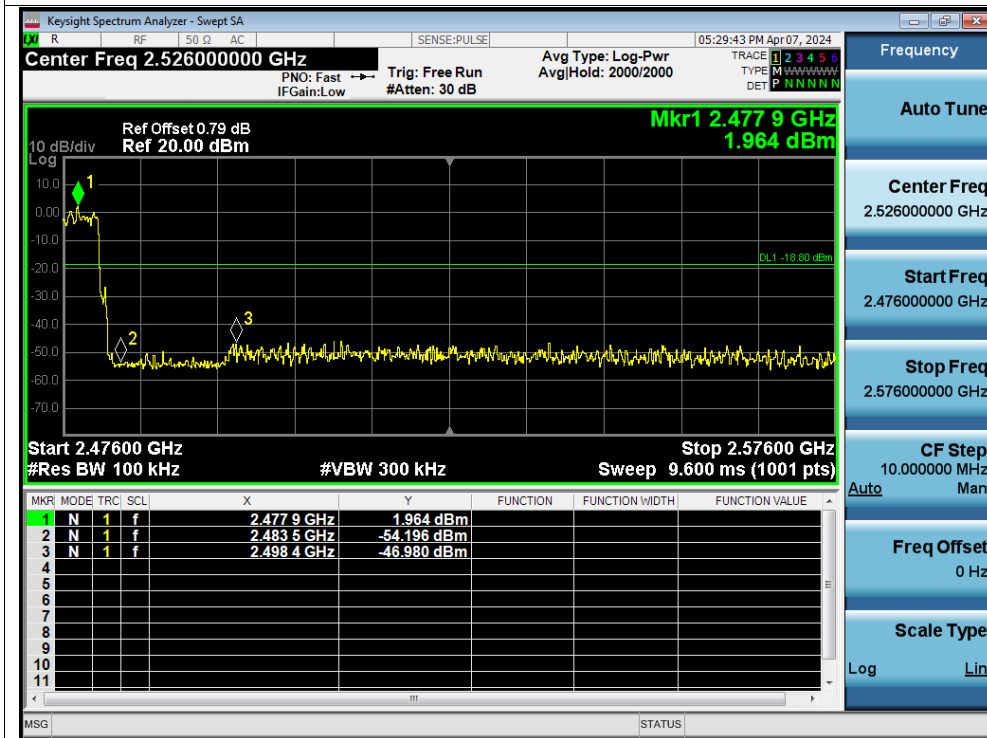
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission



Conducted RF Spurious Emission

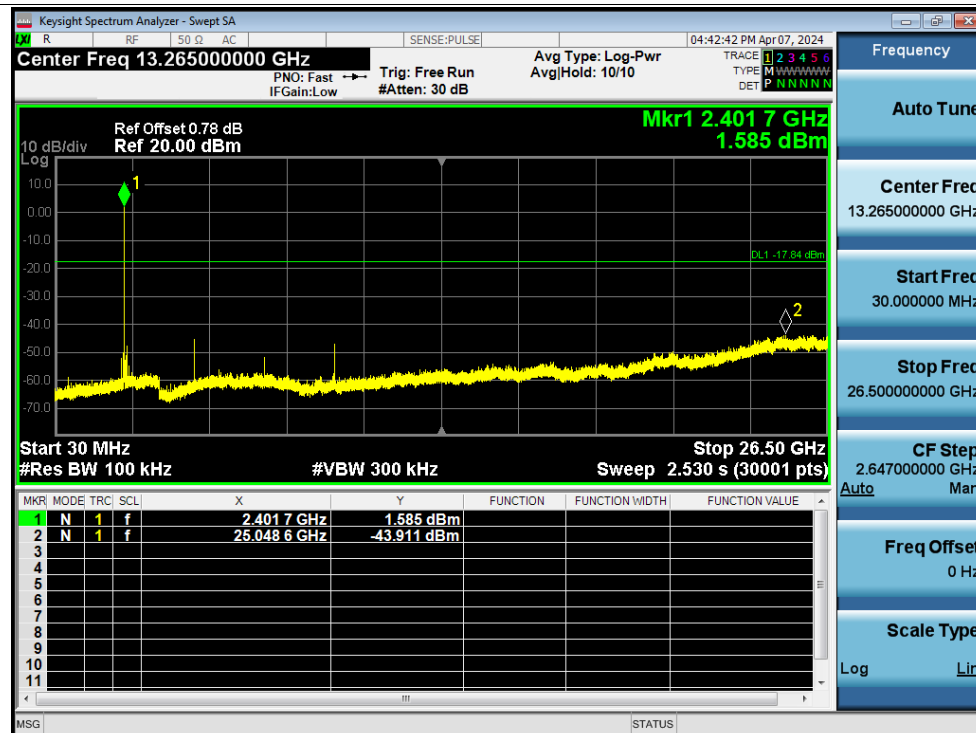
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-46.07	-20	Pass
NVNT	1-DH5	2441	Ant1	-44.77	-20	Pass
NVNT	1-DH5	2480	Ant1	-42.64	-20	Pass
NVNT	2-DH5	2402	Ant1	-44.72	-20	Pass
NVNT	2-DH5	2441	Ant1	-45	-20	Pass
NVNT	2-DH5	2480	Ant1	-45.32	-20	Pass
NVNT	3-DH5	2402	Ant1	-45.61	-20	Pass
NVNT	3-DH5	2441	Ant1	-45.12	-20	Pass
NVNT	3-DH5	2480	Ant1	-45.36	-20	Pass

Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



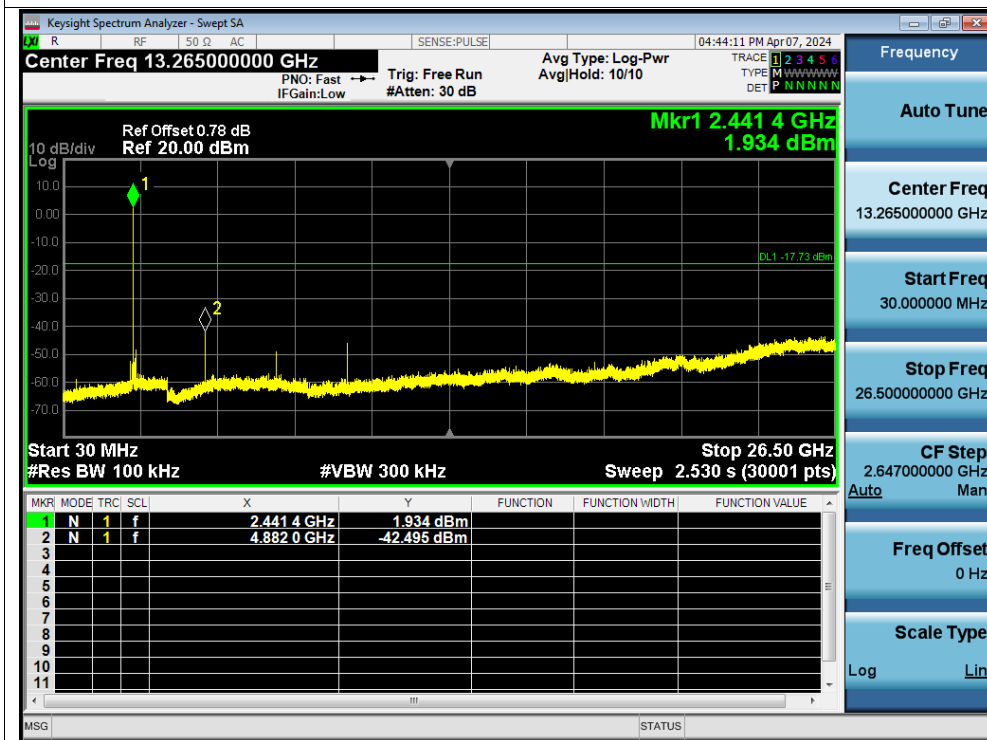
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



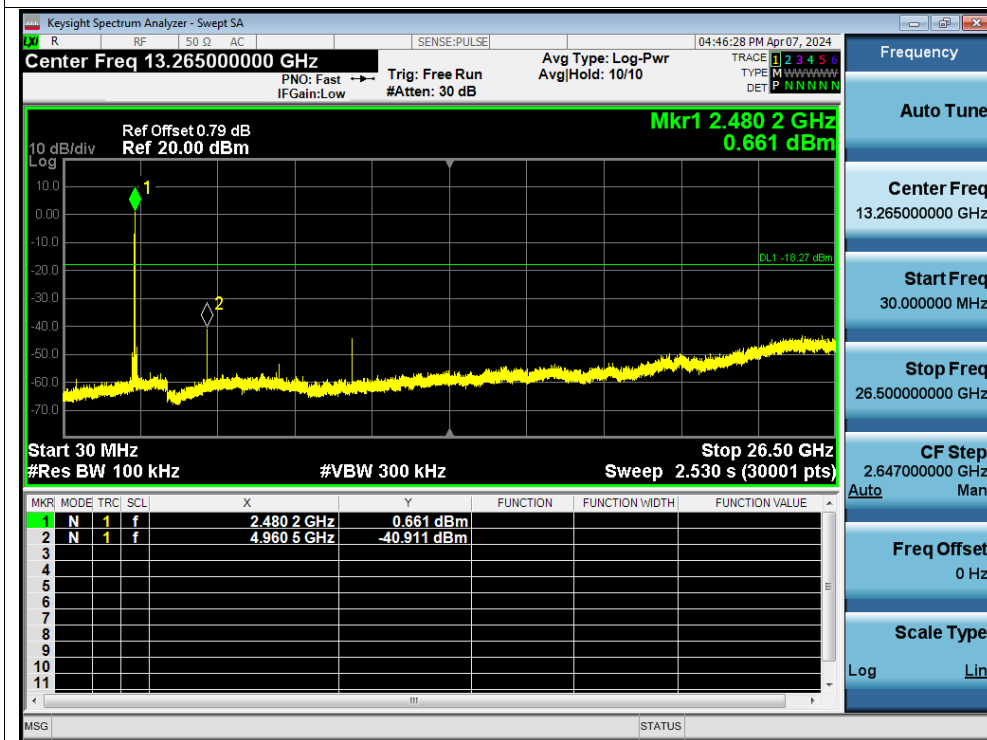
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



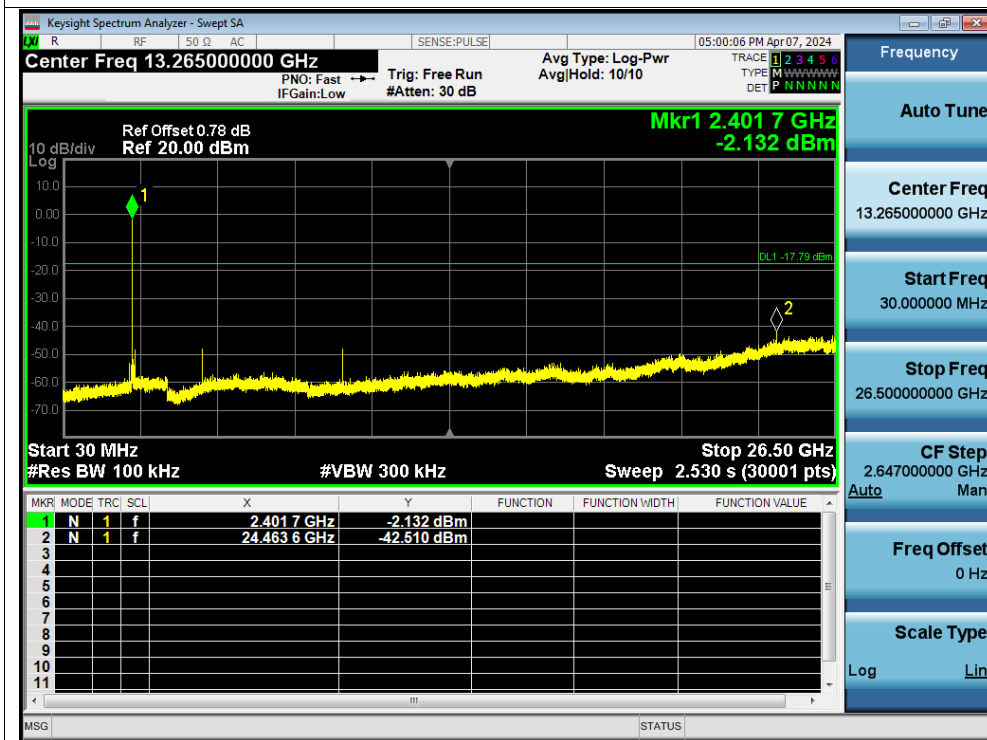
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



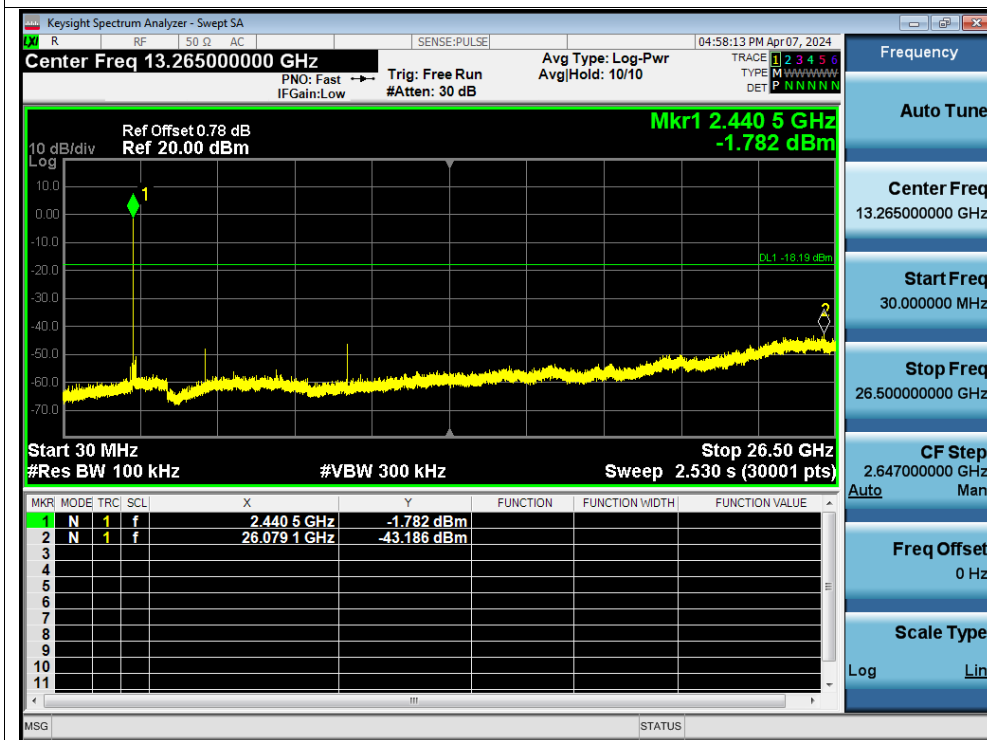
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



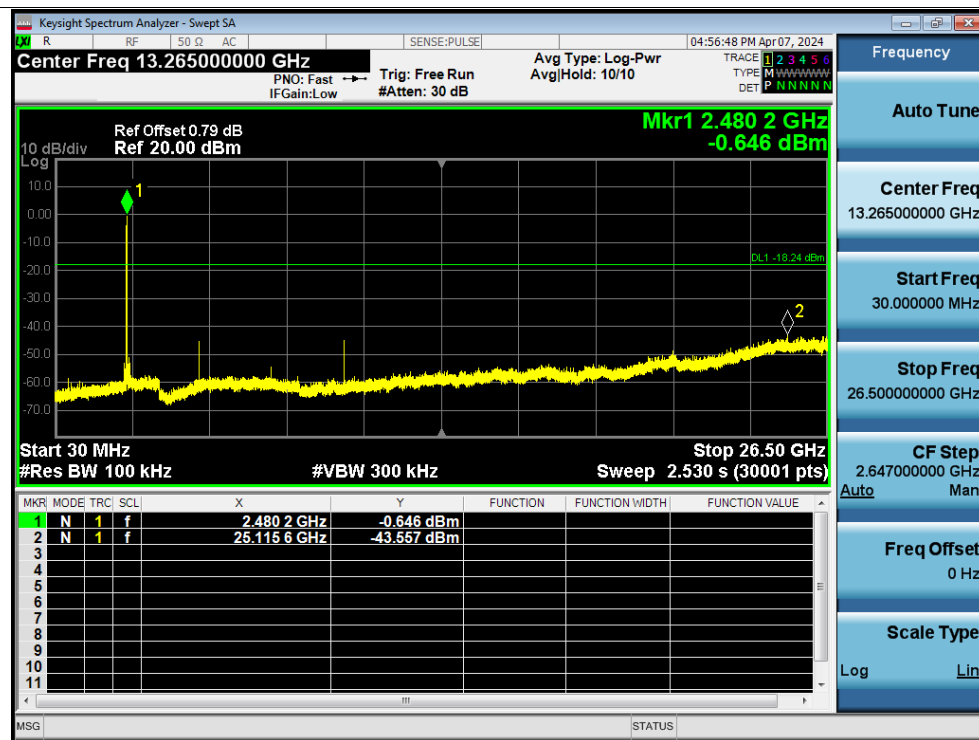
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



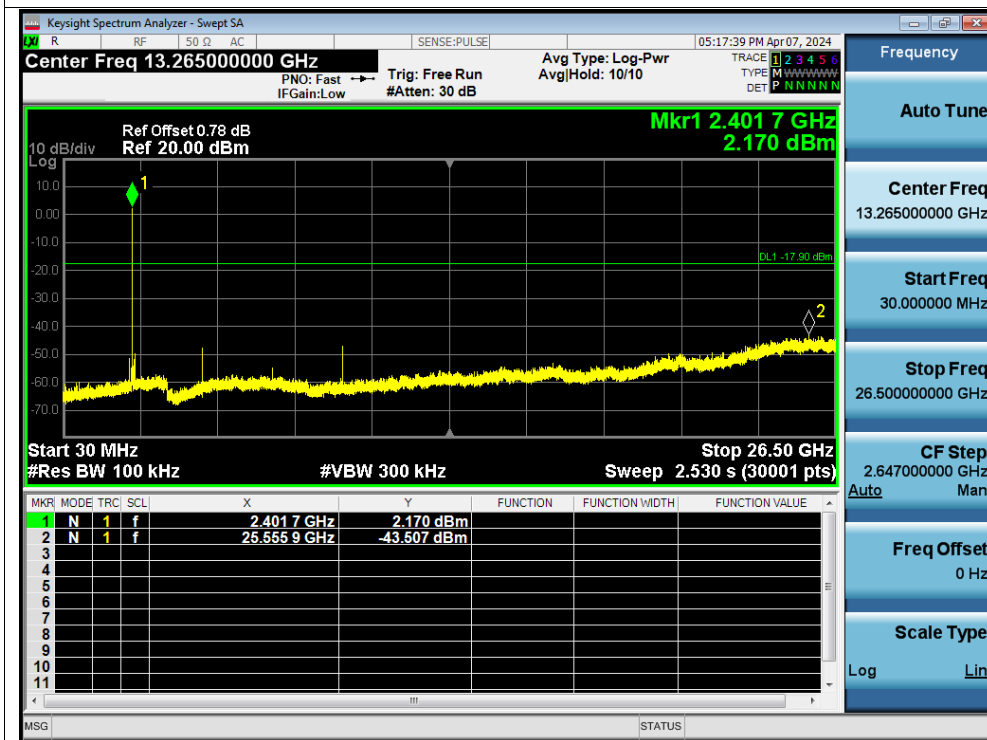
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



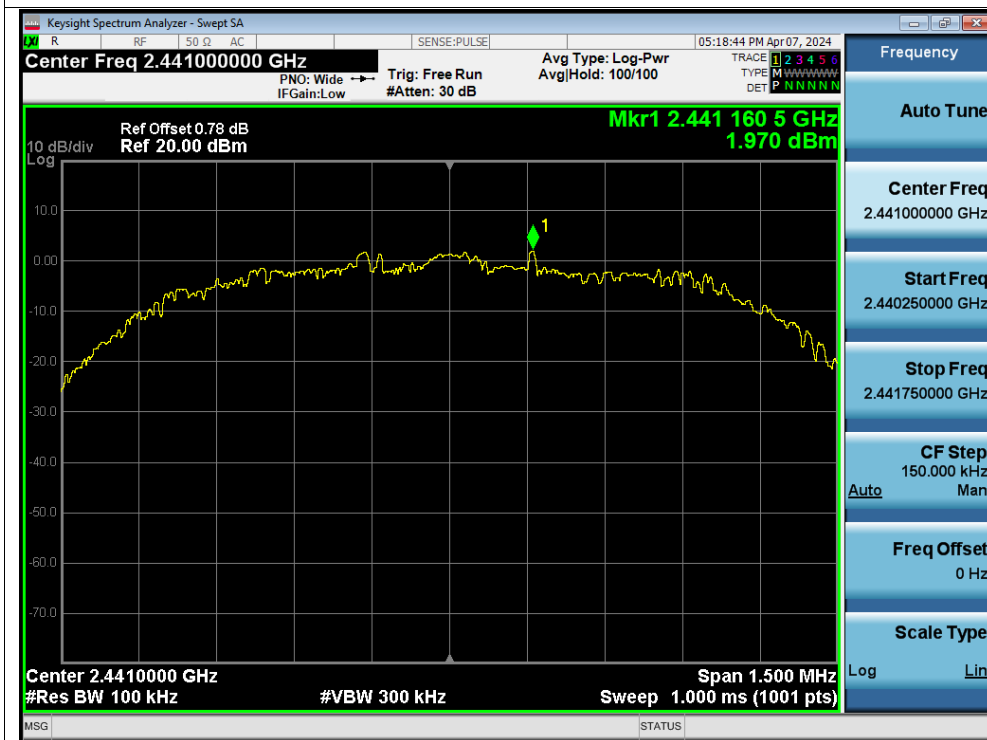
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



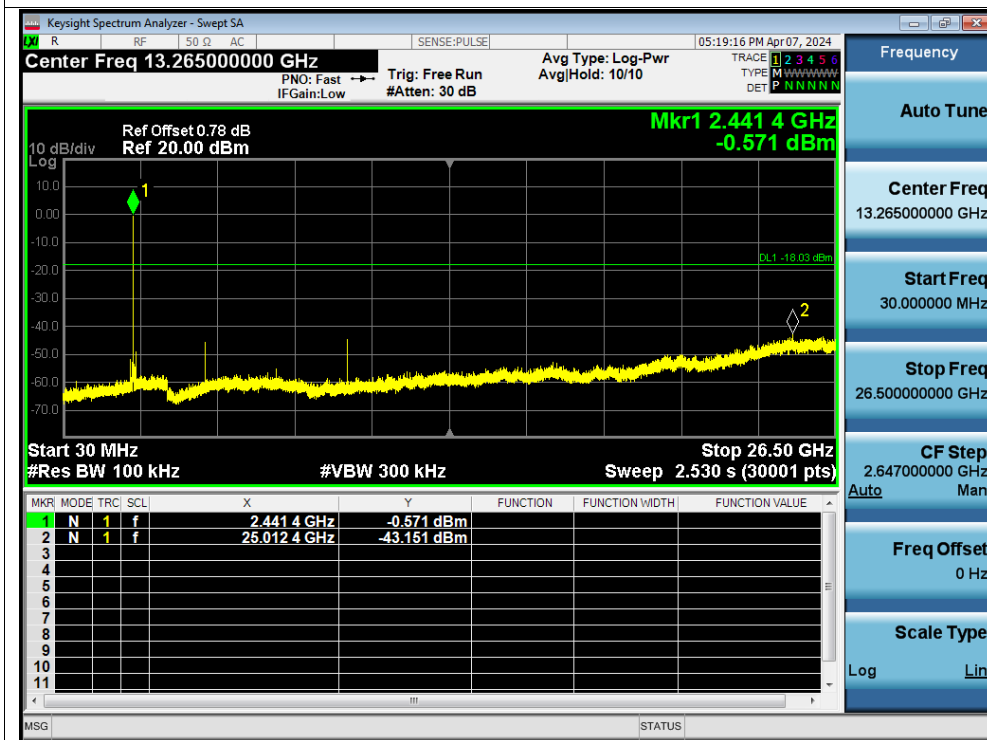
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

