

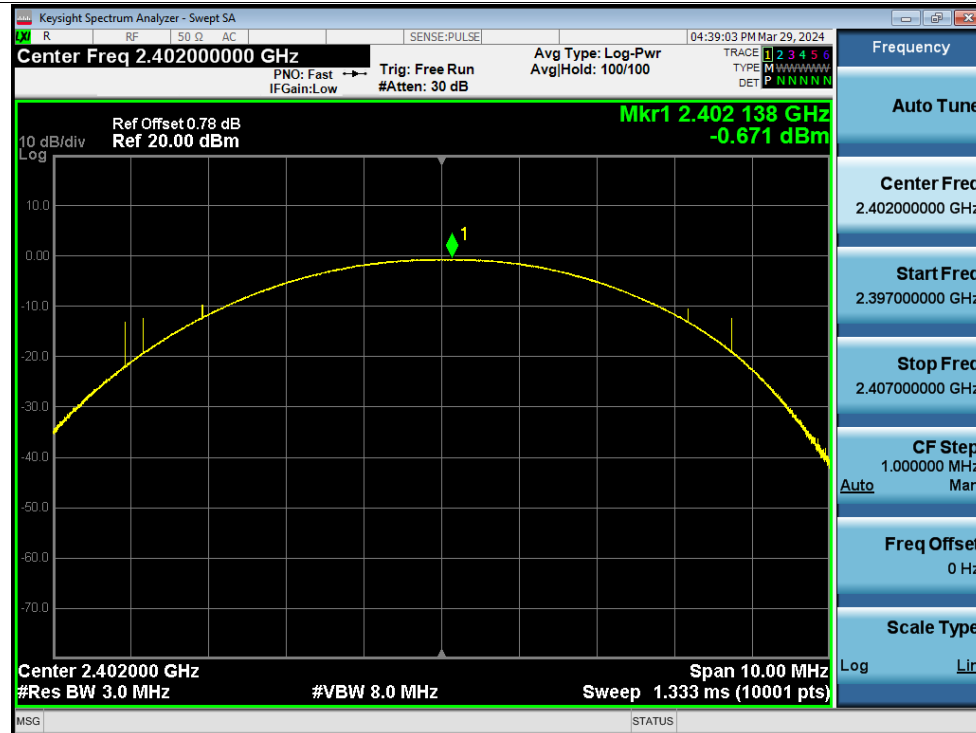
Appendix A

Maximum Conducted Output Power

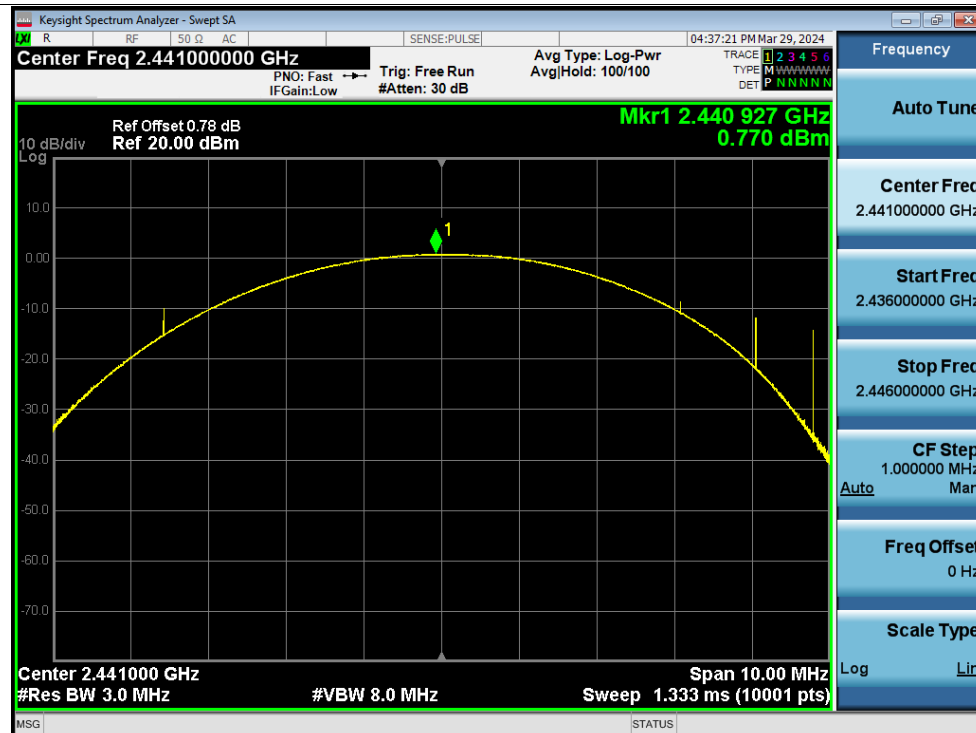
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-0.67	0	-0.67	21	Pass
NVNT	1-DH5	2441	Ant1	0.77	0	0.77	21	Pass
NVNT	1-DH5	2480	Ant1	1.57	0	1.57	21	Pass
NVNT	2-DH5	2402	Ant1	-0.67	0	-0.67	21	Pass
NVNT	2-DH5	2441	Ant1	0.74	0	0.74	21	Pass
NVNT	2-DH5	2480	Ant1	1.64	0	1.64	21	Pass
NVNT	3-DH5	2402	Ant1	-0.62	0	-0.62	21	Pass
NVNT	3-DH5	2441	Ant1	0.78	0	0.78	21	Pass
NVNT	3-DH5	2480	Ant1	1.67	0	1.67	21	Pass

Test Graphs

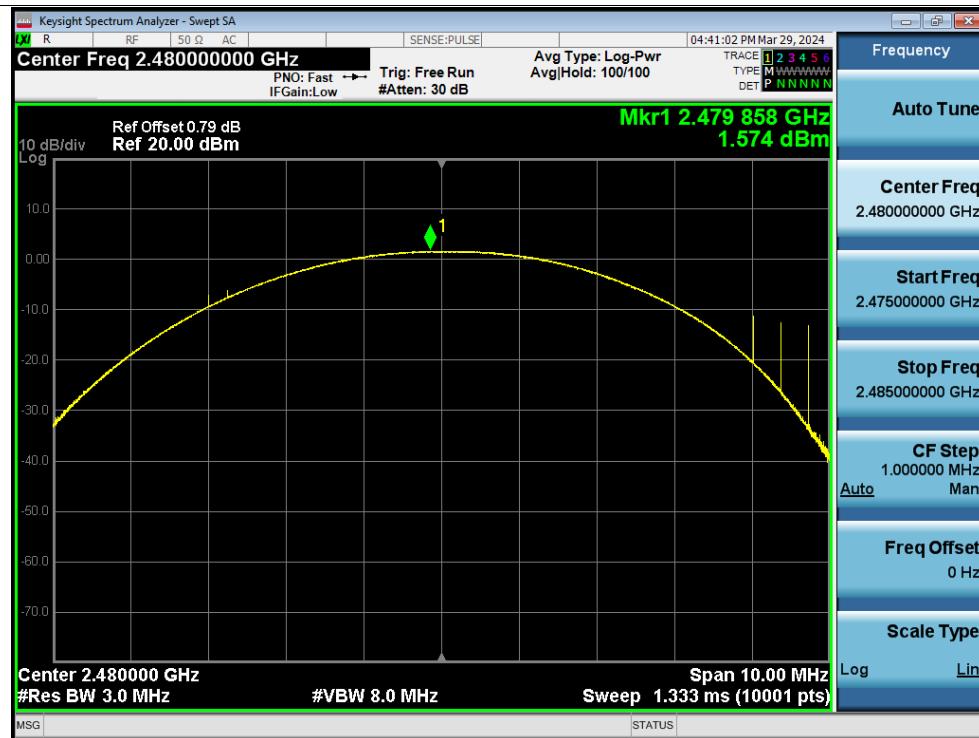
Power NVNT 1-DH5 2402MHz Ant1



Power NVNT 1-DH5 2441MHz Ant1



Power NVNT 1-DH5 2480MHz Ant1



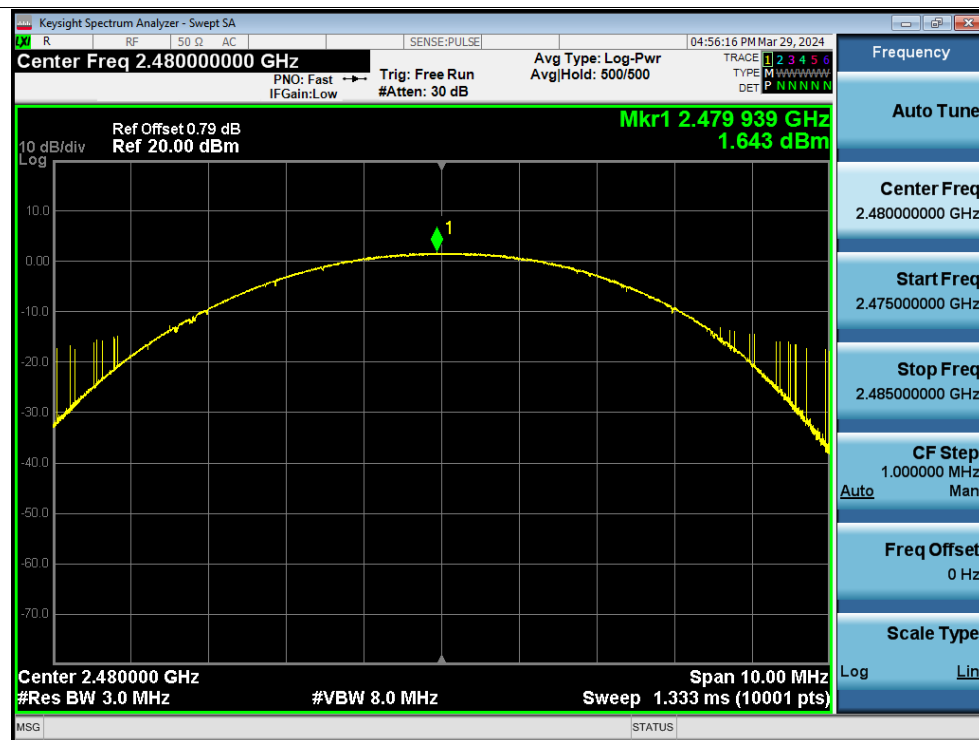
Power NVNT 2-DH5 2402MHz Ant1



Power NVNT 2-DH5 2441MHz Ant1



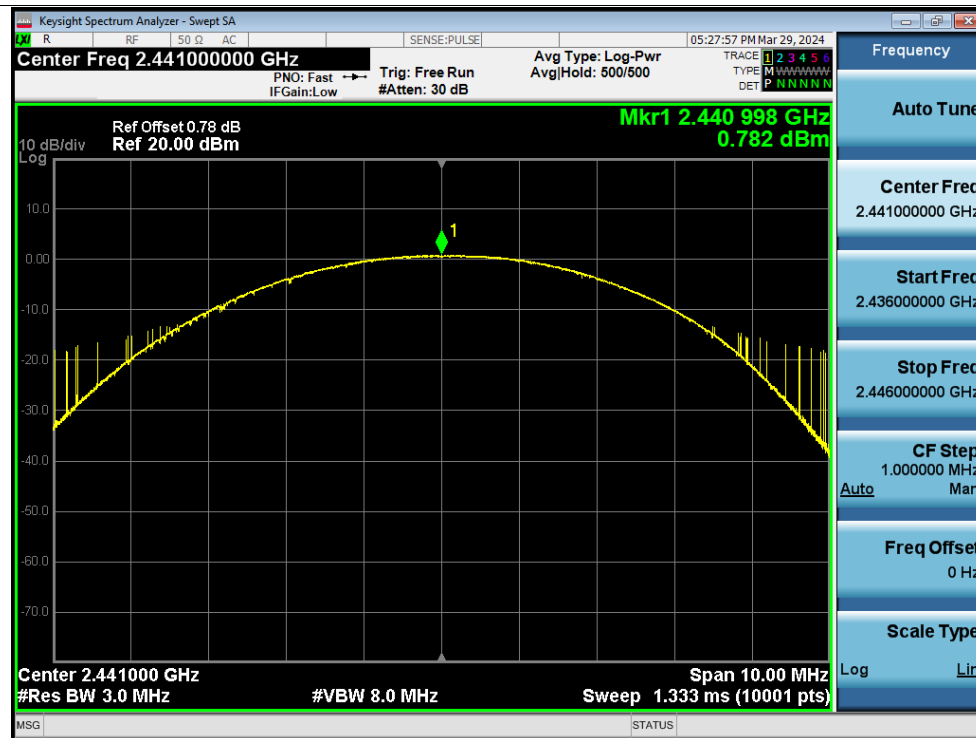
Power NVNT 2-DH5 2480MHz Ant1

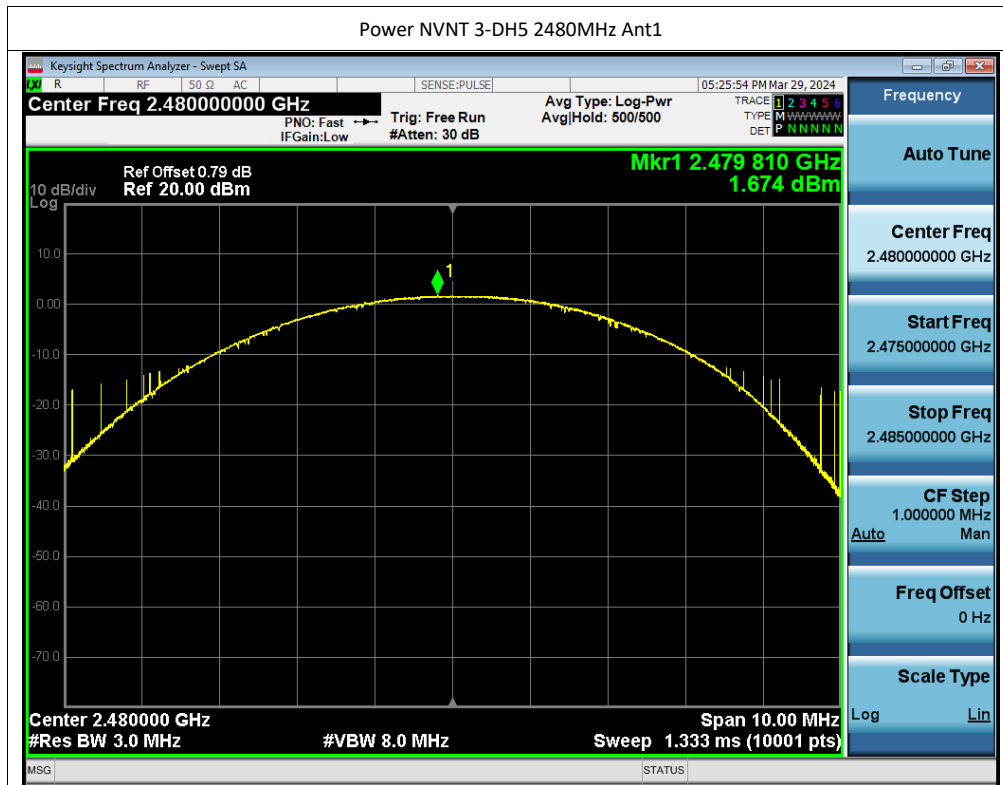


Power NVNT 3-DH5 2402MHz Ant1



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	0.94	N/A	N/A
NVNT	1-DH5	2441	Ant1	0.96	N/A	N/A
NVNT	1-DH5	2480	Ant1	0.95	N/A	N/A
NVNT	2-DH5	2402	Ant1	1.2	N/A	N/A
NVNT	2-DH5	2441	Ant1	1.25	N/A	N/A
NVNT	2-DH5	2480	Ant1	1.2	N/A	N/A
NVNT	3-DH5	2402	Ant1	1.26	N/A	N/A
NVNT	3-DH5	2441	Ant1	1.24	N/A	N/A
NVNT	3-DH5	2480	Ant1	1.28	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

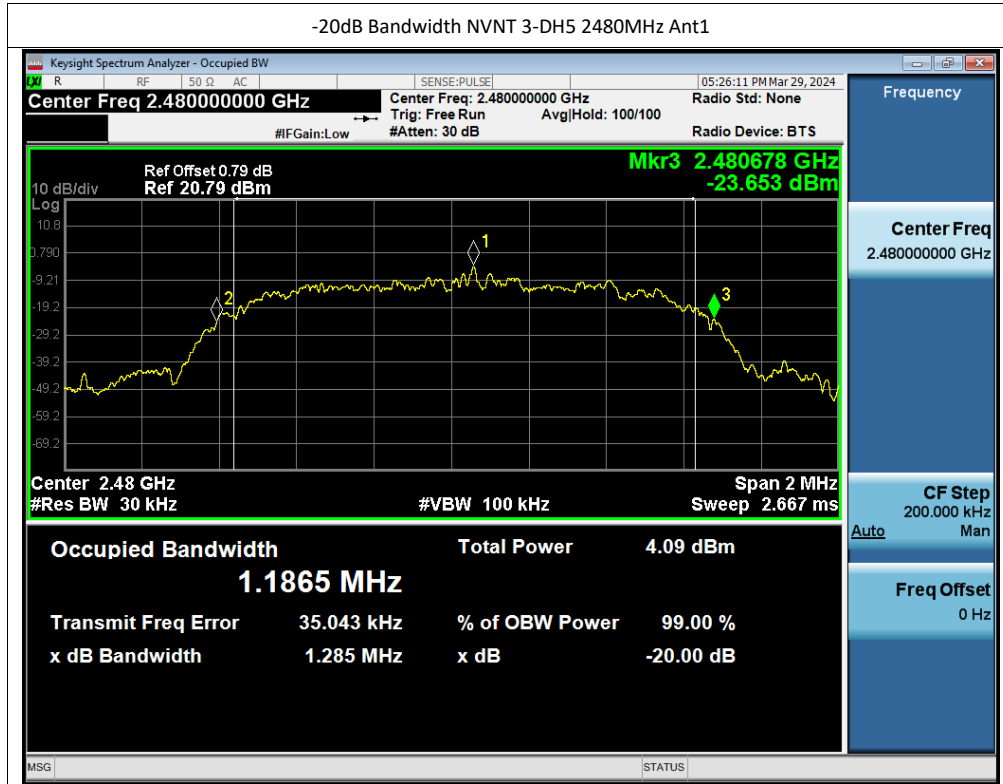


-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1





Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.841
NVNT	1-DH5	2441	Ant1	0.844
NVNT	1-DH5	2480	Ant1	0.845
NVNT	2-DH5	2402	Ant1	1.178
NVNT	2-DH5	2441	Ant1	1.146
NVNT	2-DH5	2480	Ant1	1.163
NVNT	3-DH5	2402	Ant1	1.153
NVNT	3-DH5	2441	Ant1	1.139
NVNT	3-DH5	2480	Ant1	1.169

Test Graphs

OBW NVNT 1-DH5 2402MHz Ant1



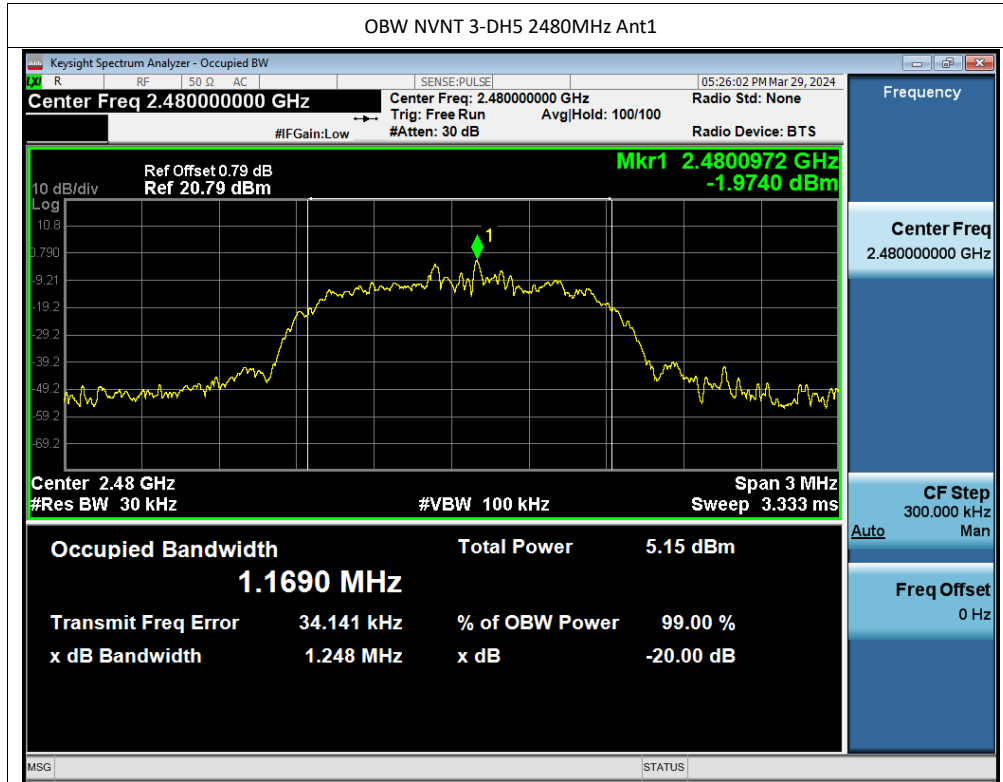
OBW NVNT 1-DH5 2441MHz Ant1











Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.998	2403.026	1.028	0.627	Pass
NVNT	1-DH5	Ant1	2441.046	2442.012	0.966	0.64	Pass
NVNT	1-DH5	Ant1	2479.008	2480.042	1.034	0.633	Pass
NVNT	2-DH5	Ant1	2401.928	2402.858	0.93	0.8	Pass
NVNT	2-DH5	Ant1	2440.906	2441.932	1.026	0.833	Pass
NVNT	2-DH5	Ant1	2479.038	2480.014	0.976	0.8	Pass
NVNT	3-DH5	Ant1	2402.088	2403.024	0.936	0.025	Pass
NVNT	3-DH5	Ant1	2441.02	2442.056	1.036	0.025	Pass
NVNT	3-DH5	Ant1	2479.138	2480.074	0.936	0.025	Pass

Test Graphs

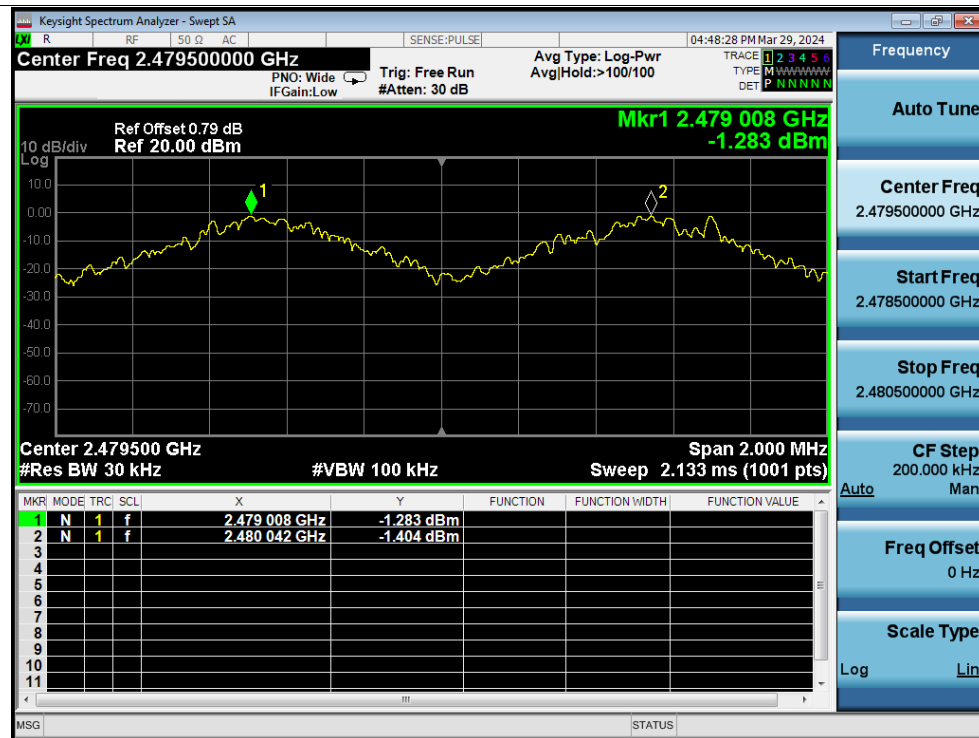
CFS NVNT 1-DH5 2402MHz Ant1



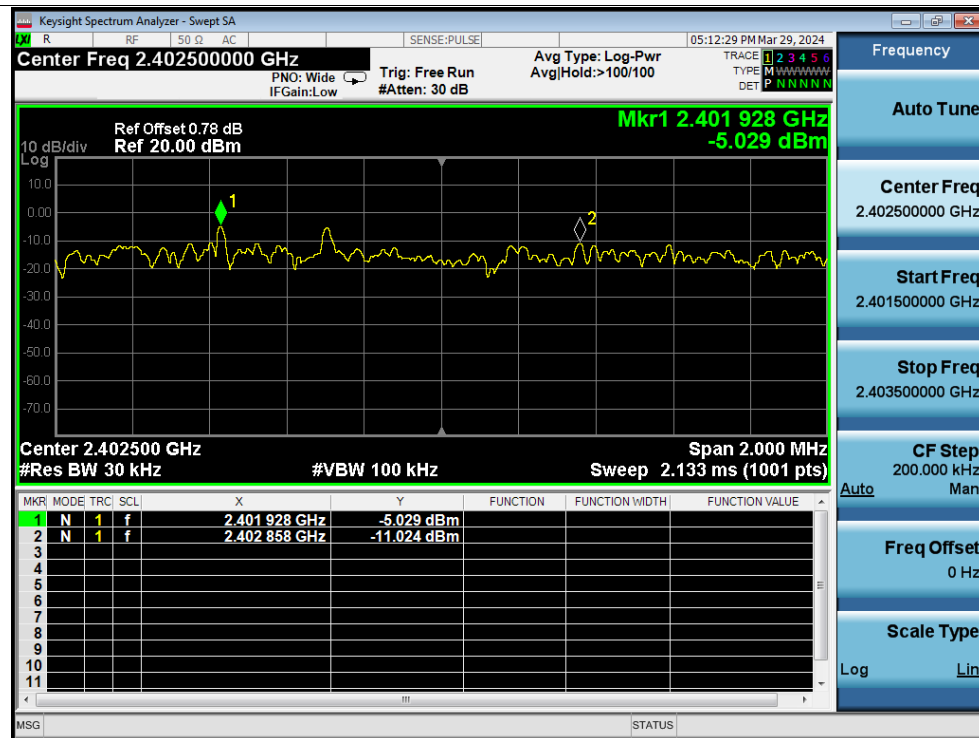
CFS NVNT 1-DH5 2441MHz Ant1



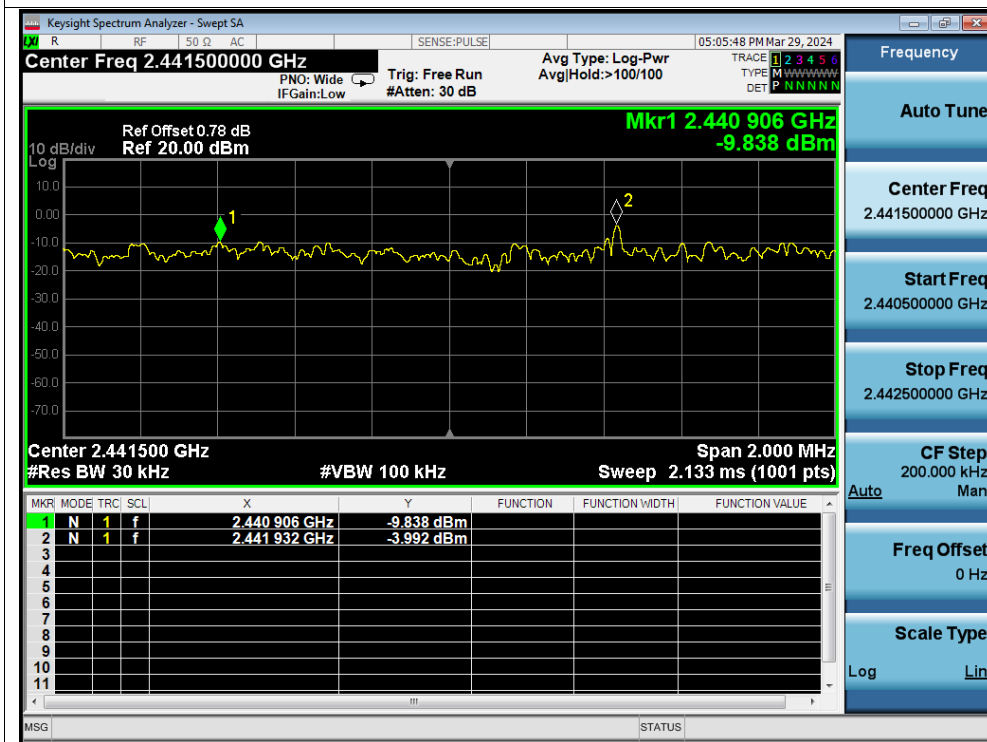
CFS NVNT 1-DH5 2480MHz Ant1



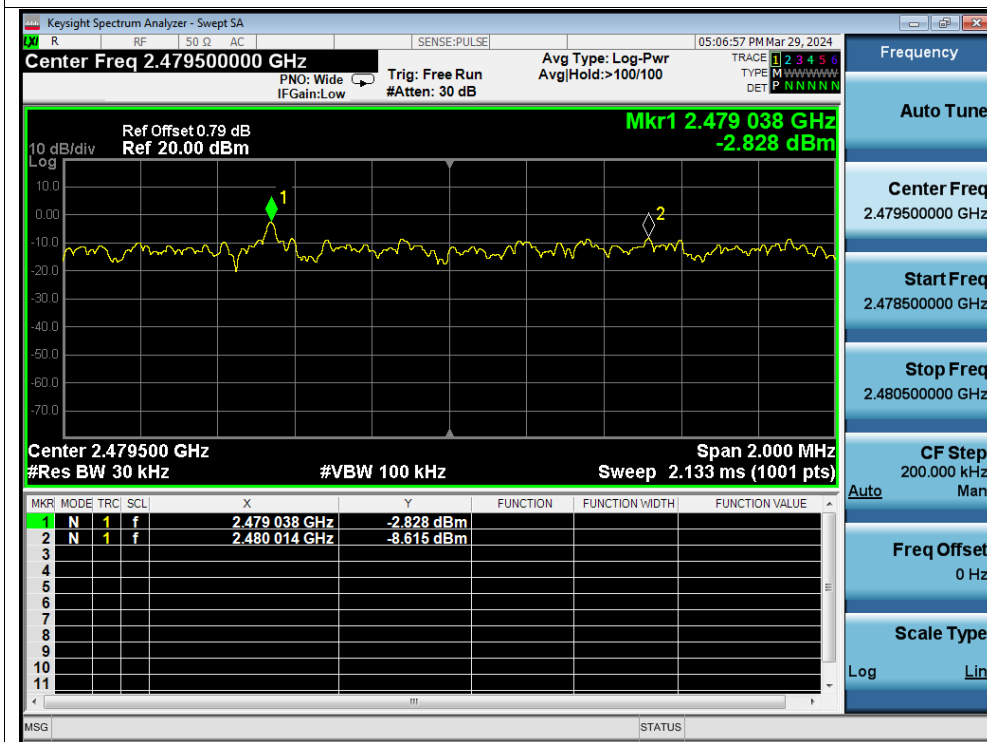
CFS NVNT 2-DH5 2402MHz Ant1



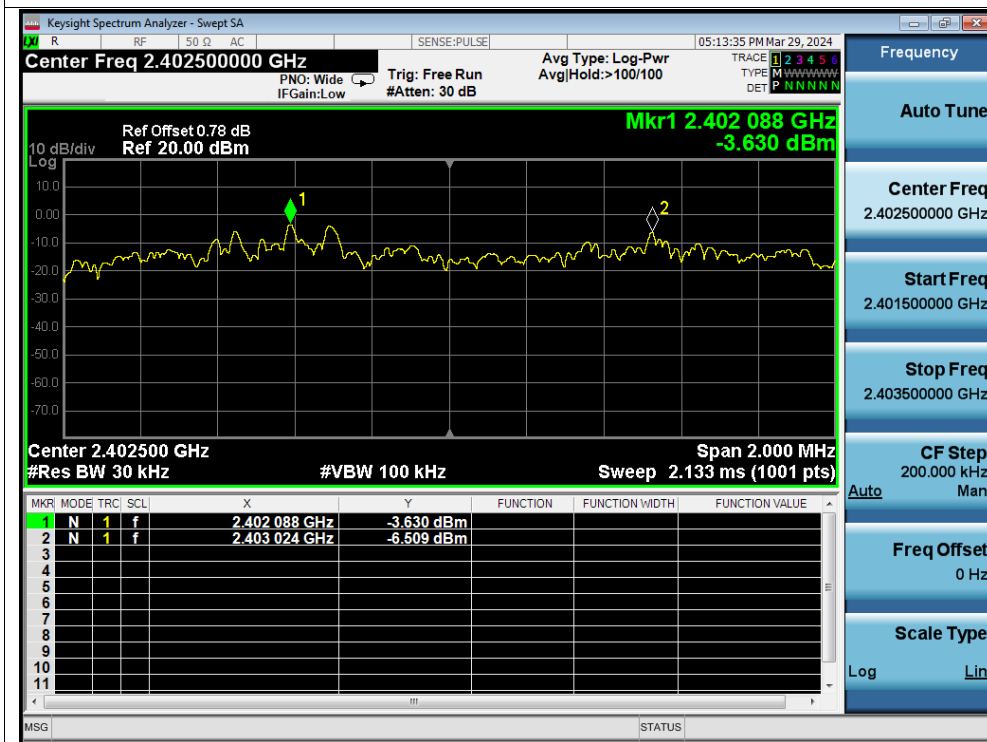
CFS NVNT 2-DH5 2441MHz Ant1



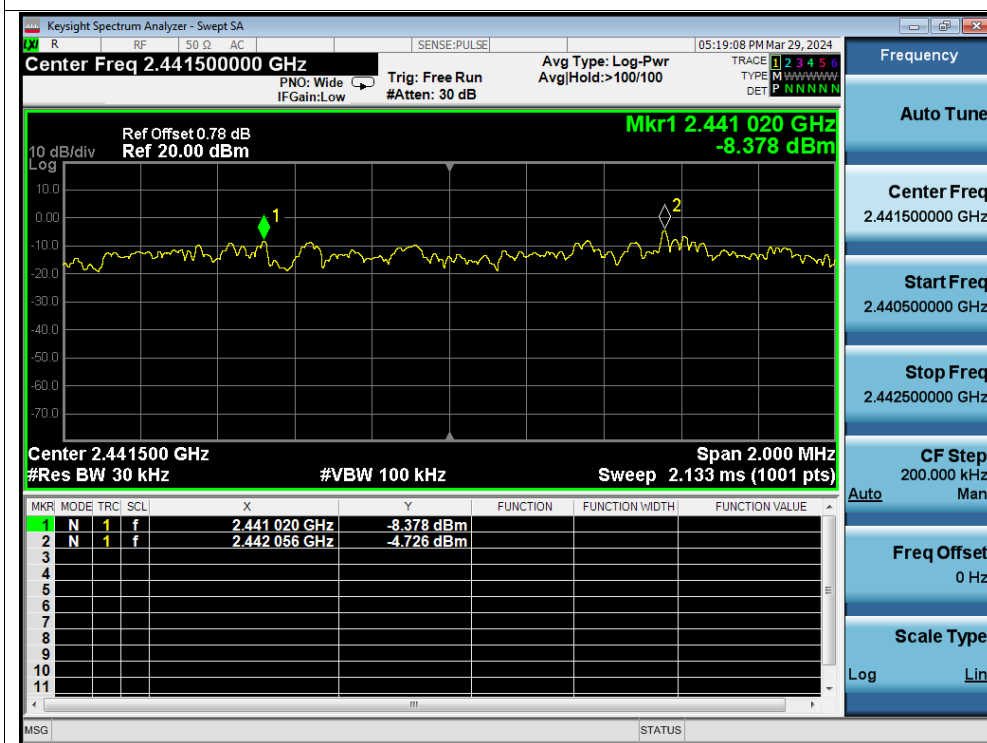
CFS NVNT 2-DH5 2480MHz Ant1

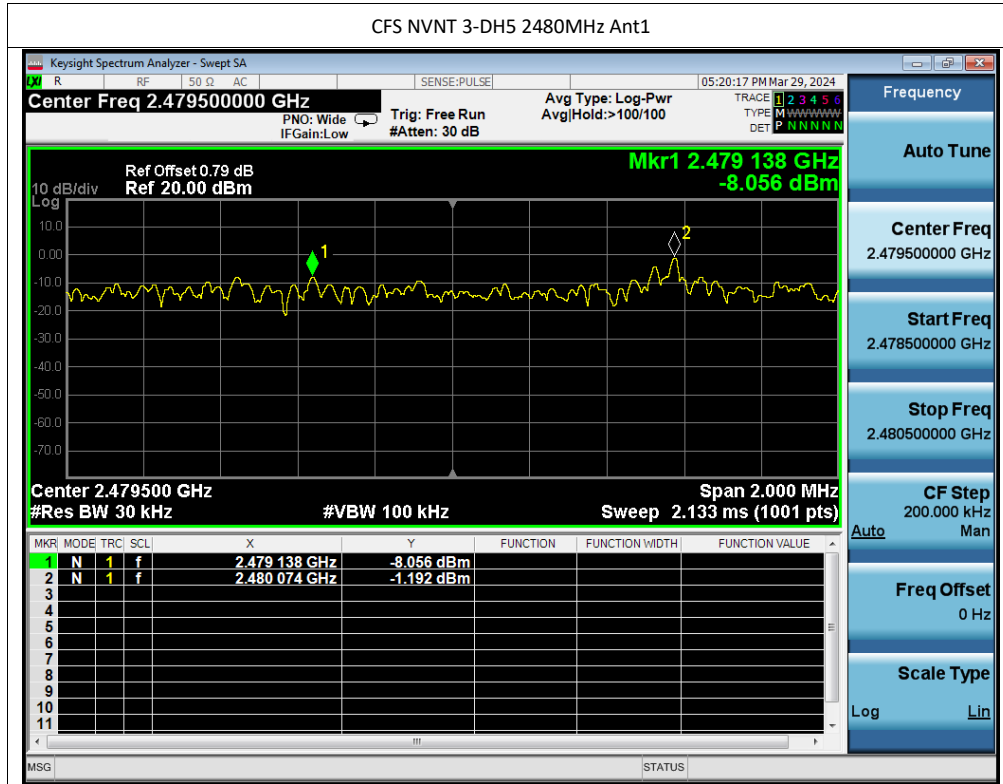


CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1



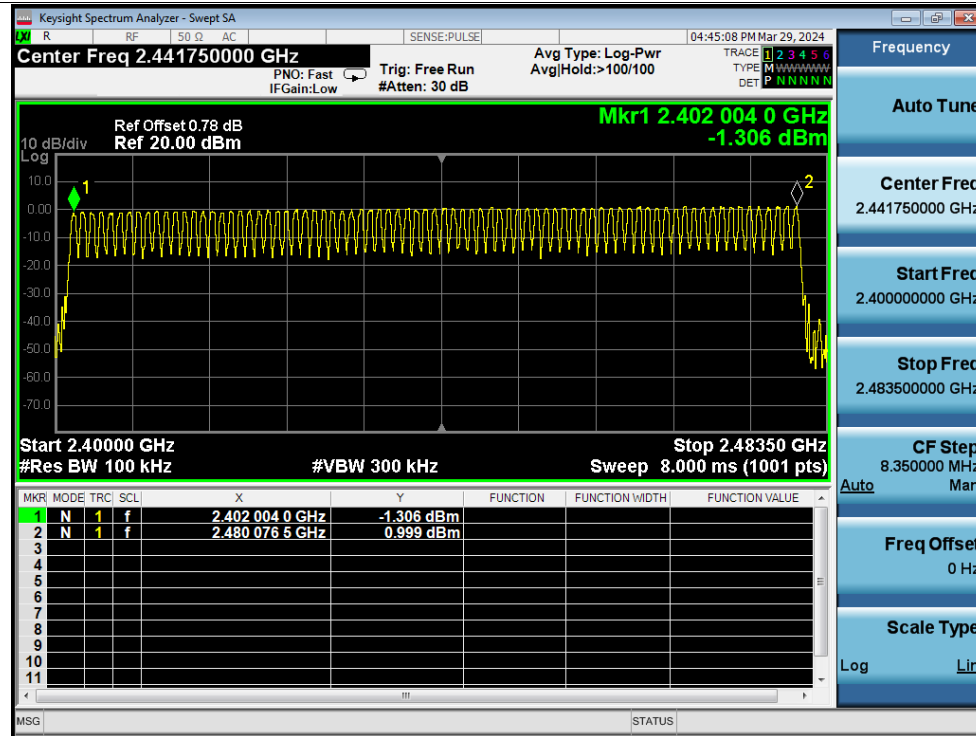


Number of Hopping Channel

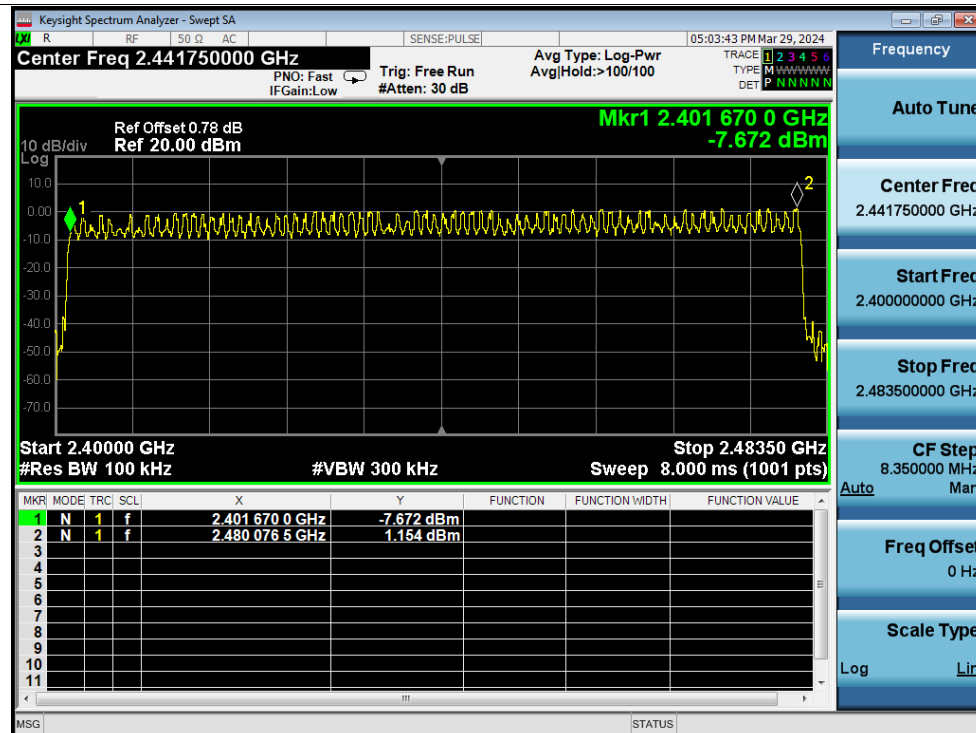
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

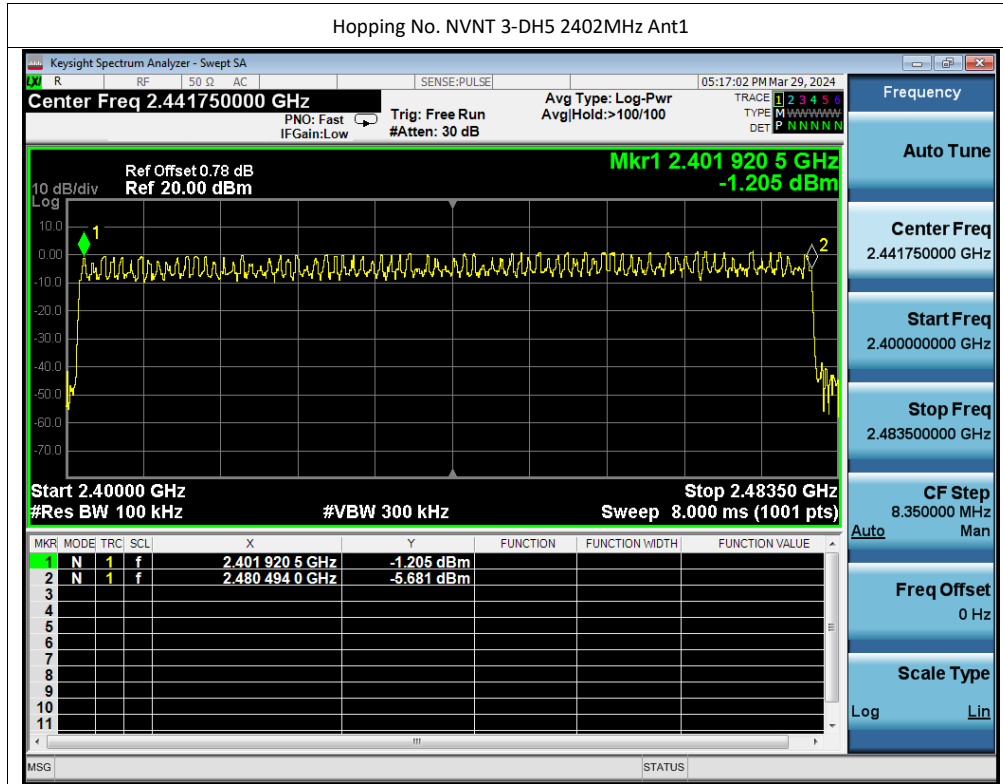
Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



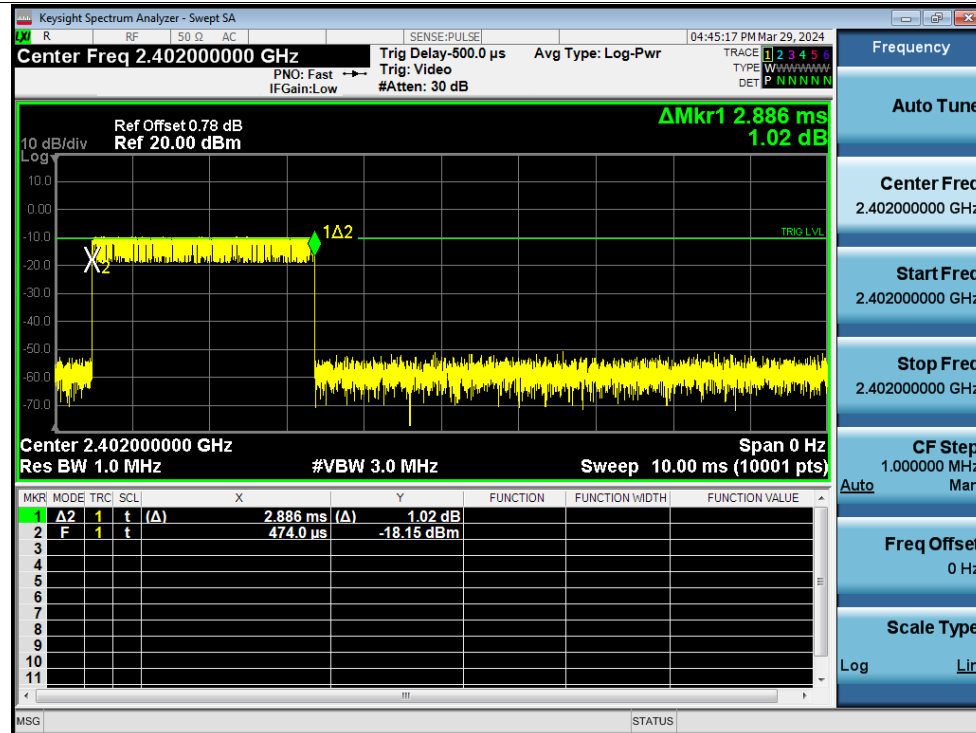


Dwell Time

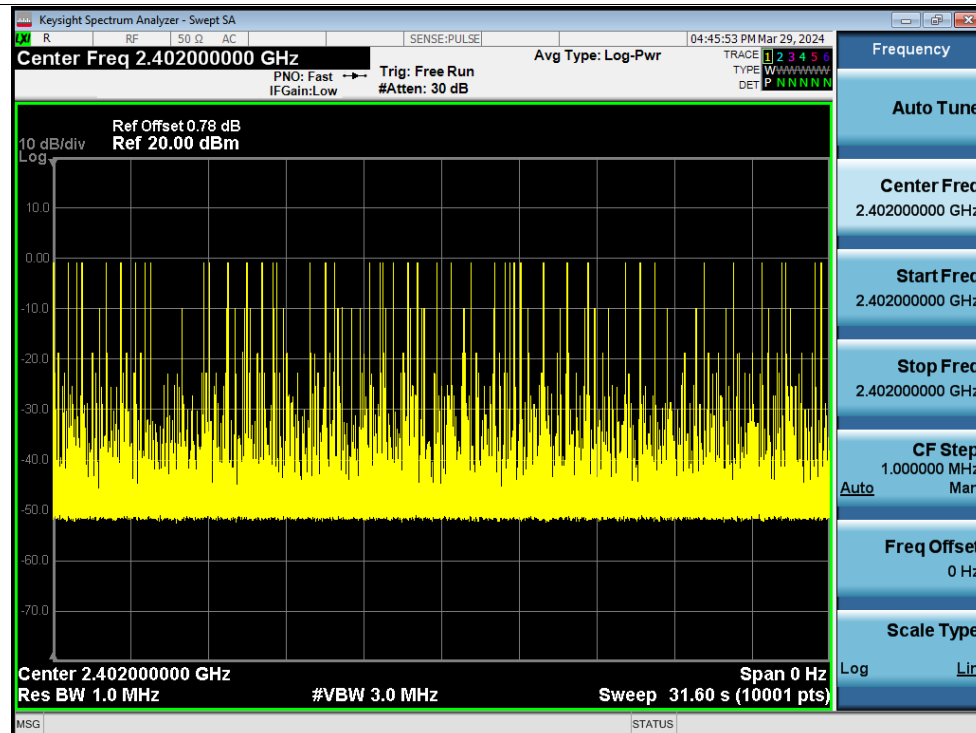
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.886	138.528	48	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.885	121.17	42	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.886	150.072	52	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.891	144.55	50	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.891	138.768	48	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.891	130.095	45	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.892	112.788	39	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.892	147.492	51	31600	400	Pass
NVNT	3-DH5	2480	Ant1	2.893	121.506	42	31600	400	Pass

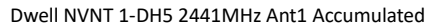
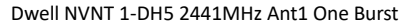
Test Graphs

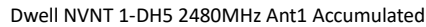
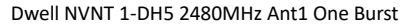
Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

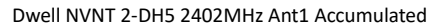
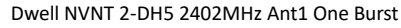


Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated

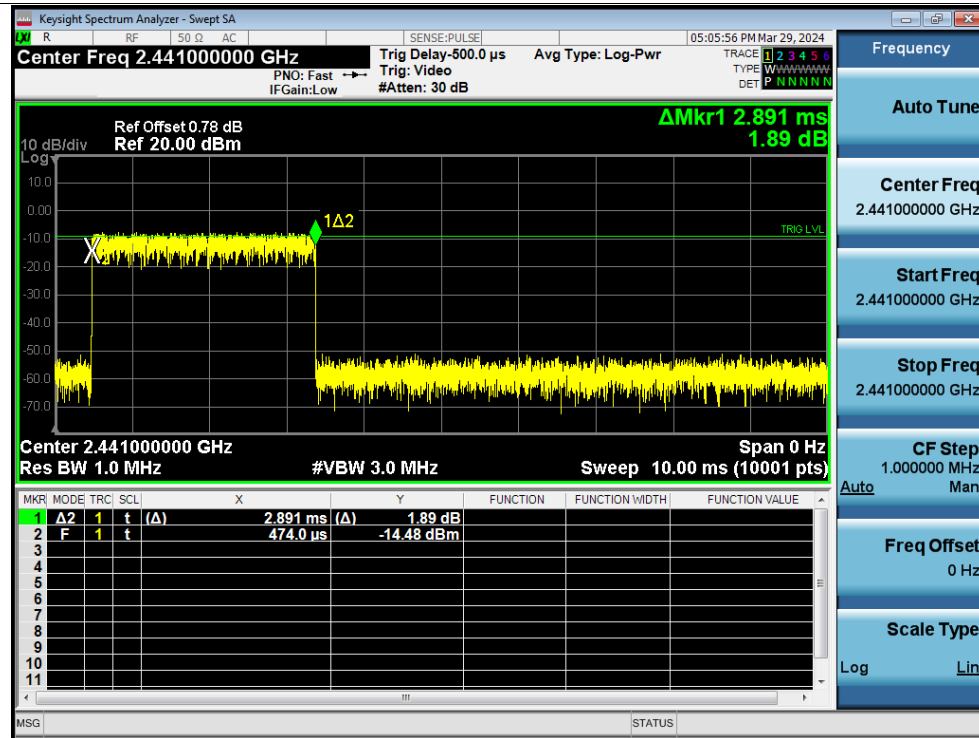




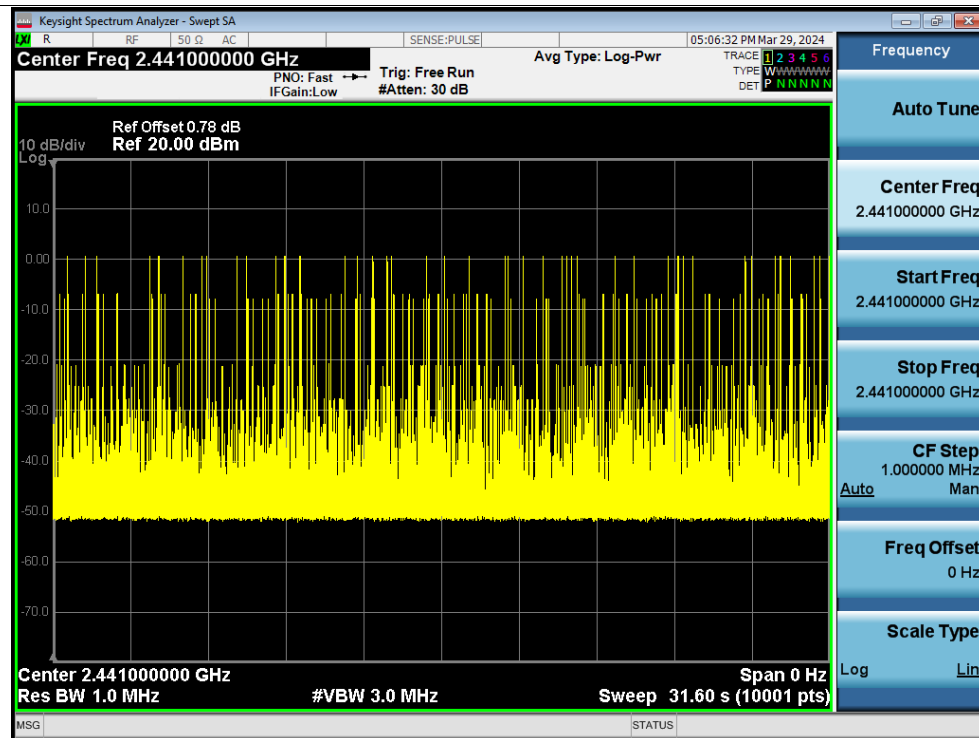




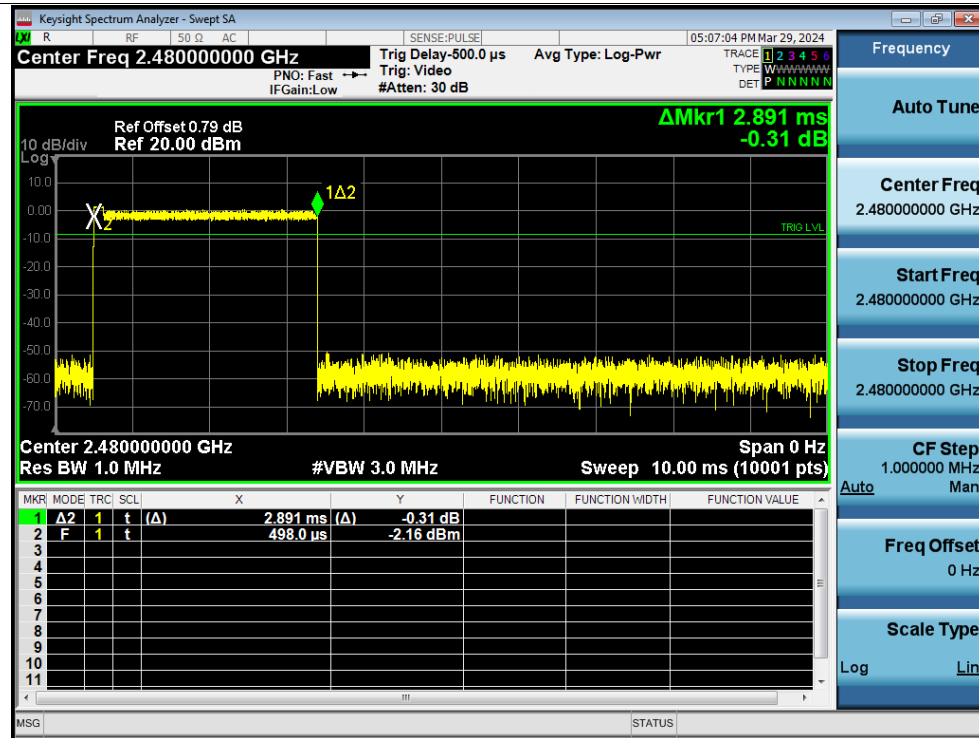
Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



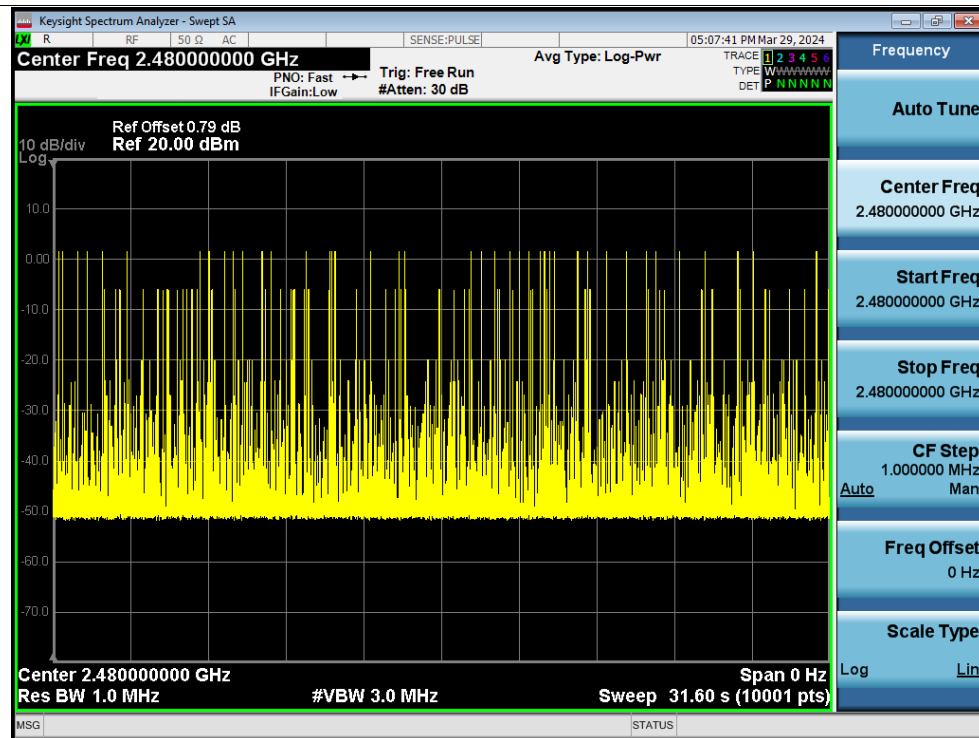
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated

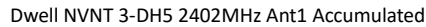
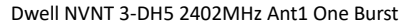


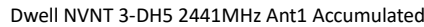
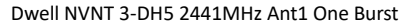
Dwell NVNT 2-DH5 2480MHz Ant1 One Burst

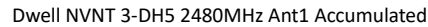
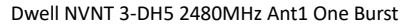


Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated







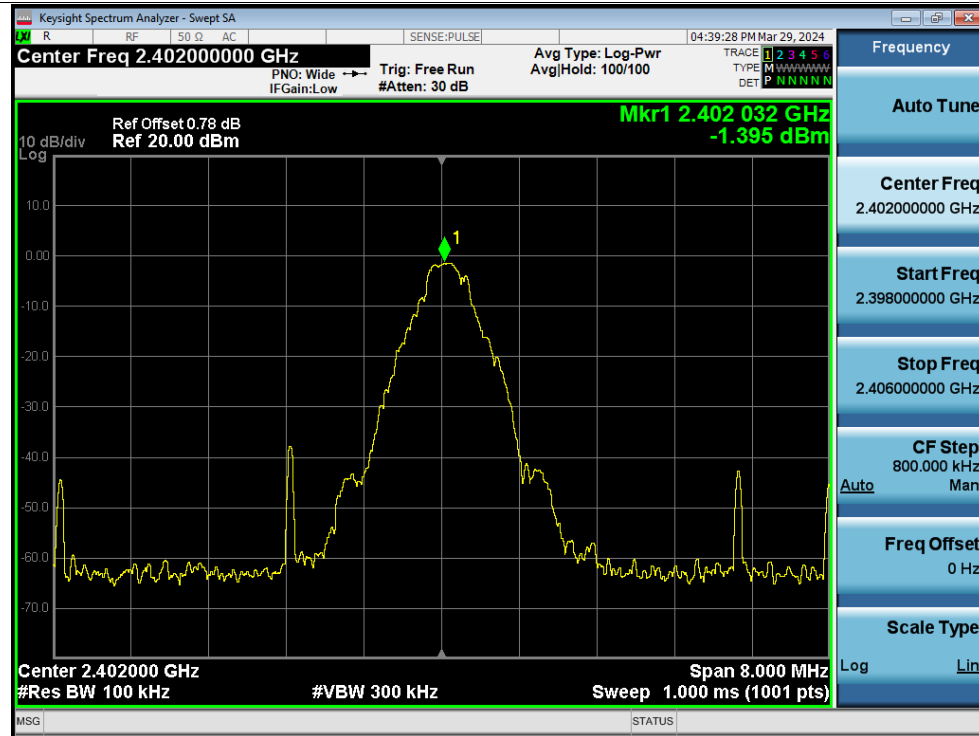


Band Edge

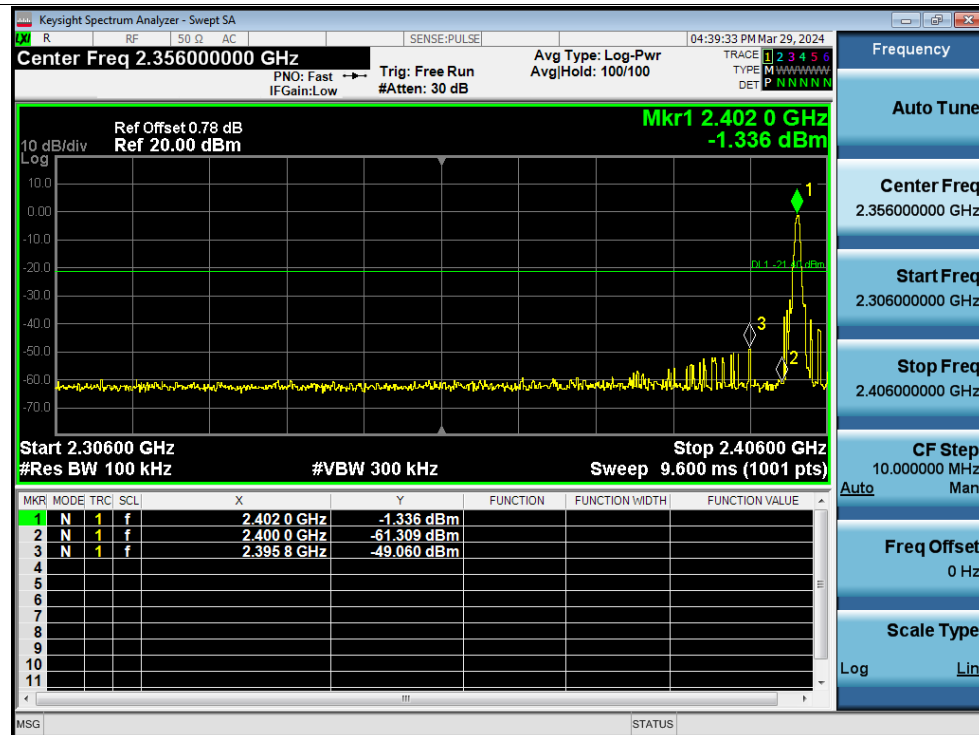
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-47.67	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-43.15	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-45.9	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-46.35	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-43.65	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-46.94	-20	Pass

Test Graphs

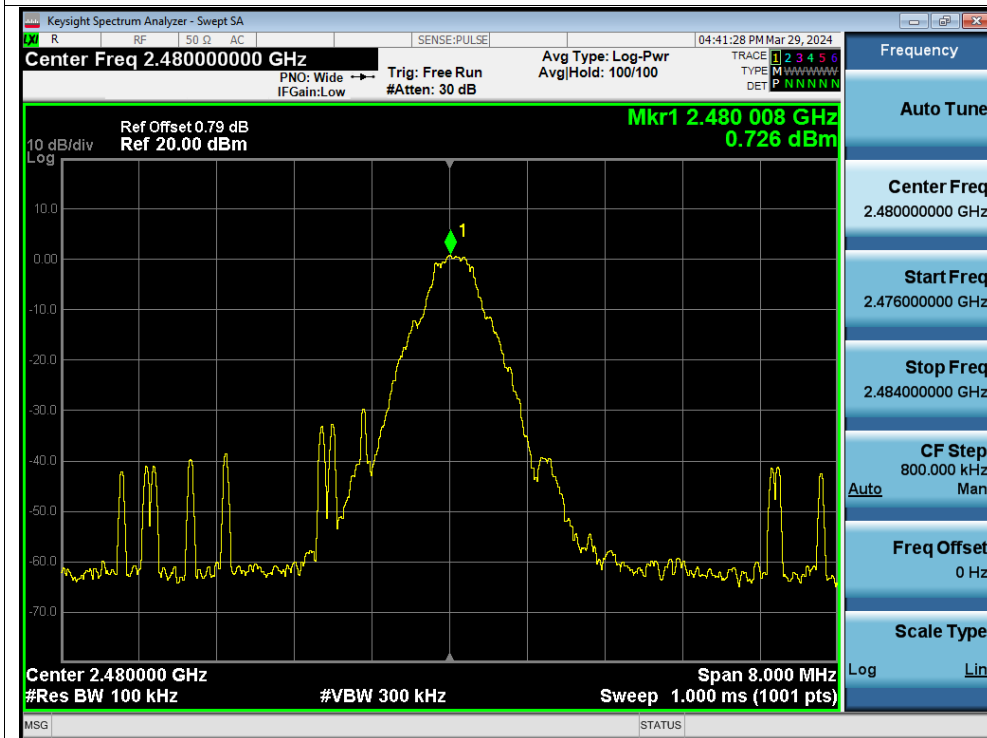
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



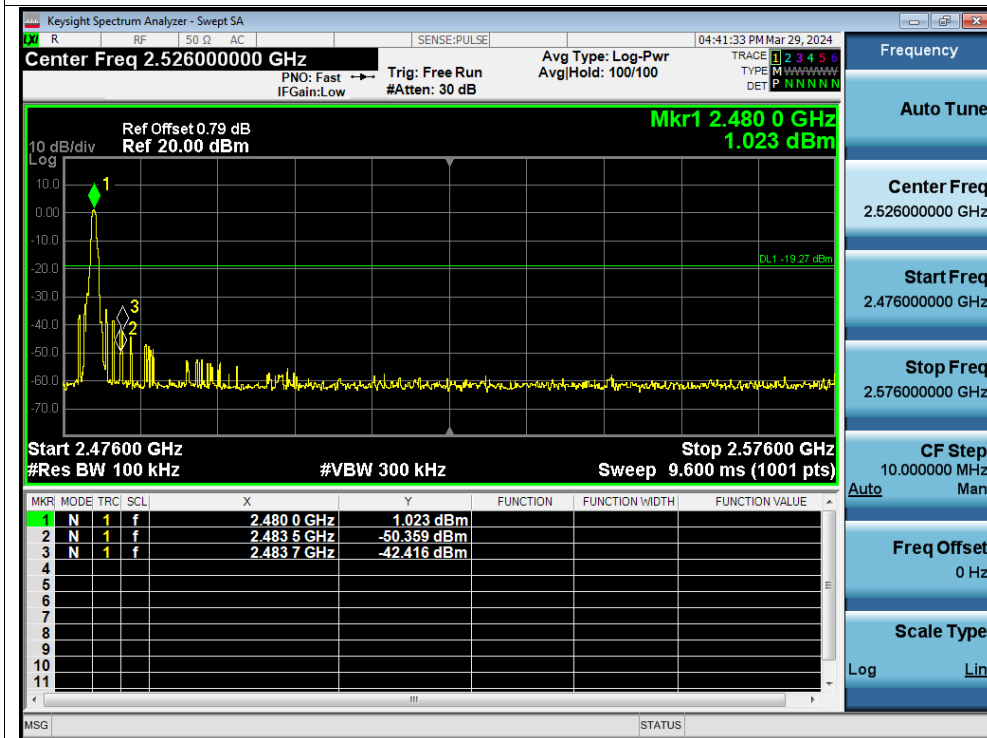
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



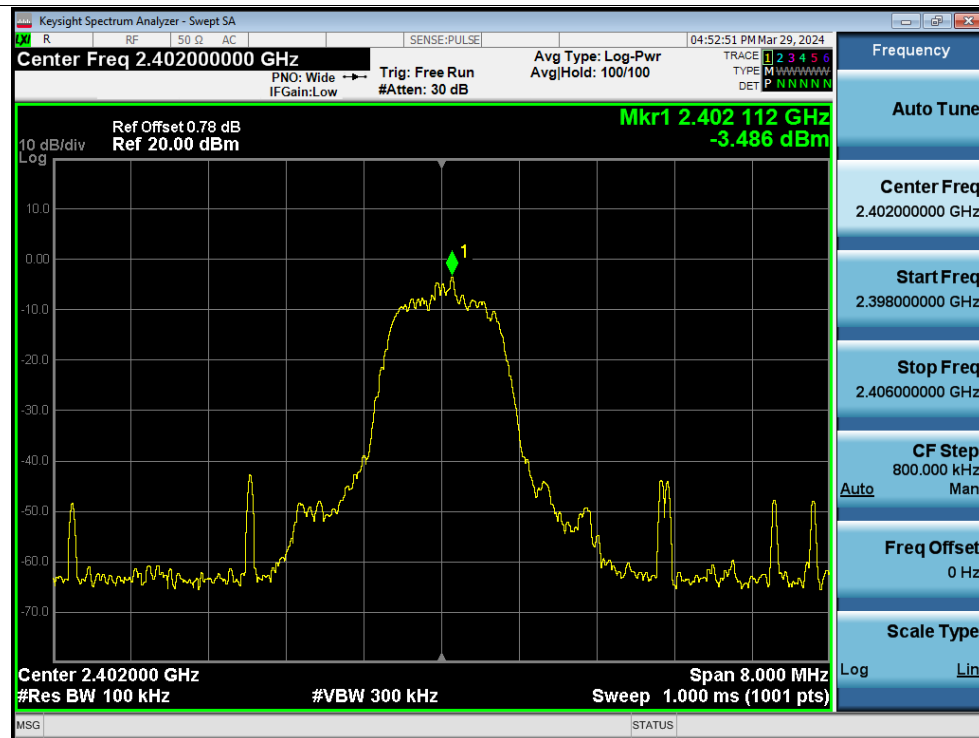
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



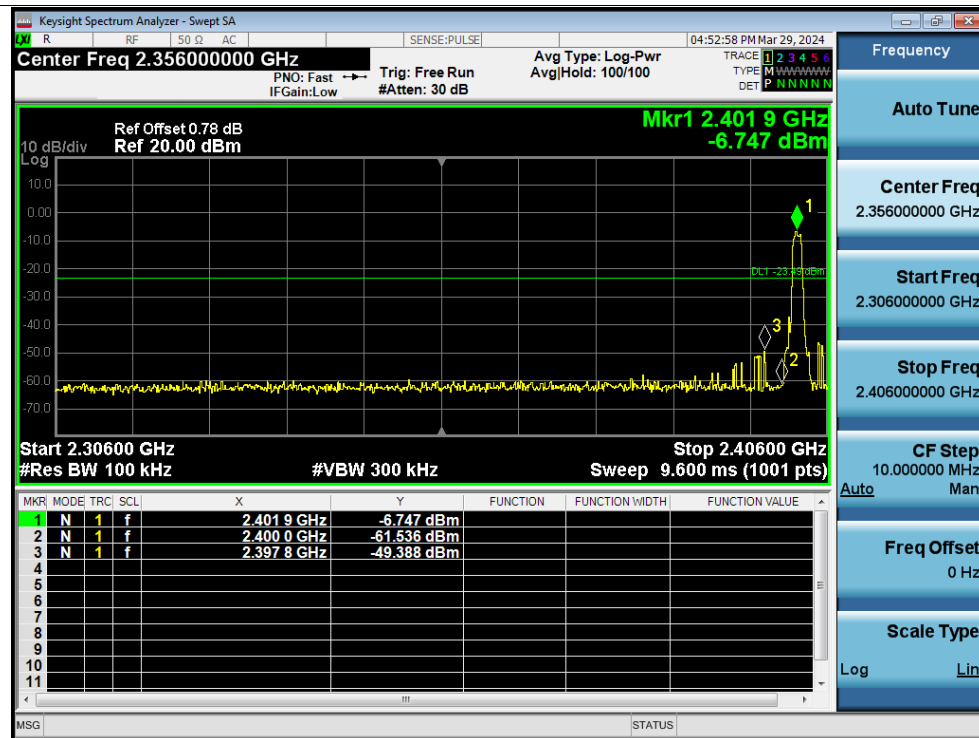
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



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



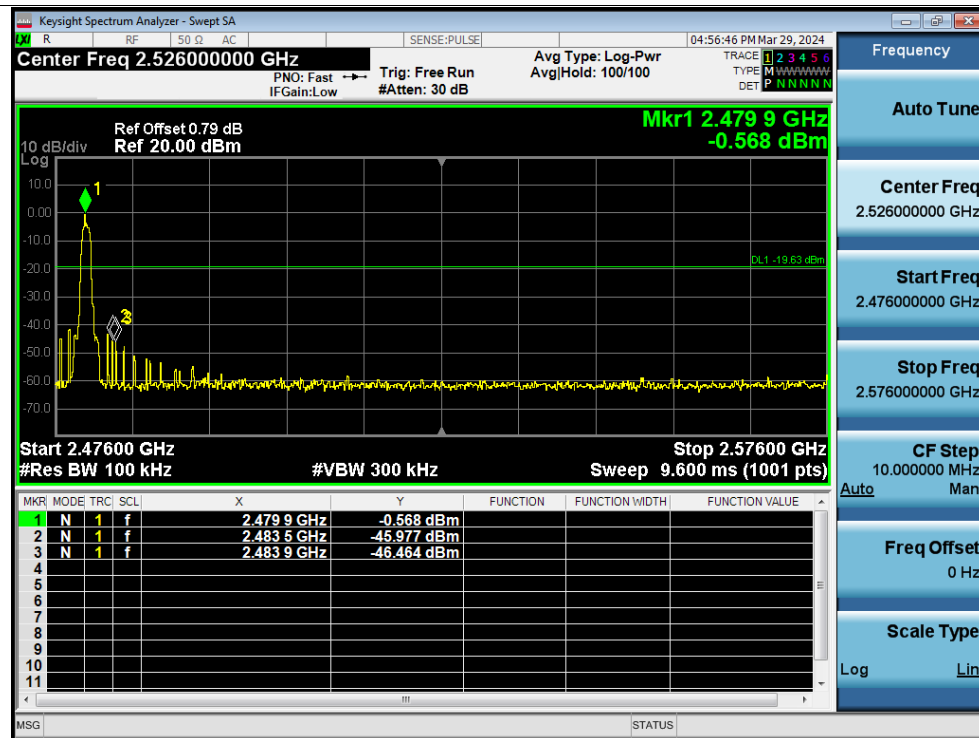
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



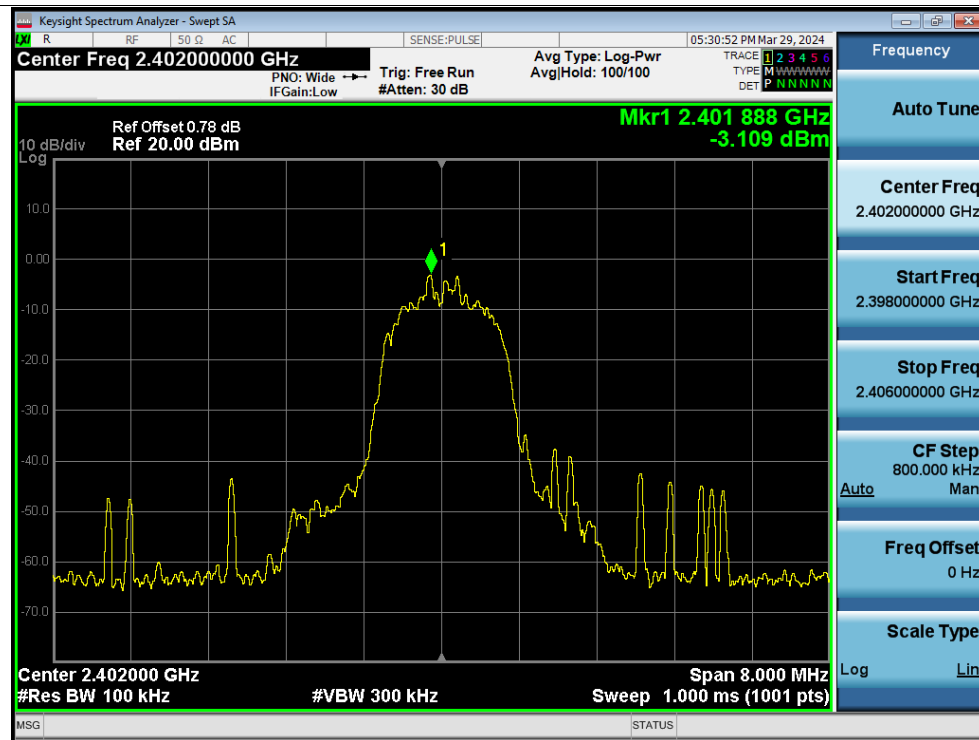
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



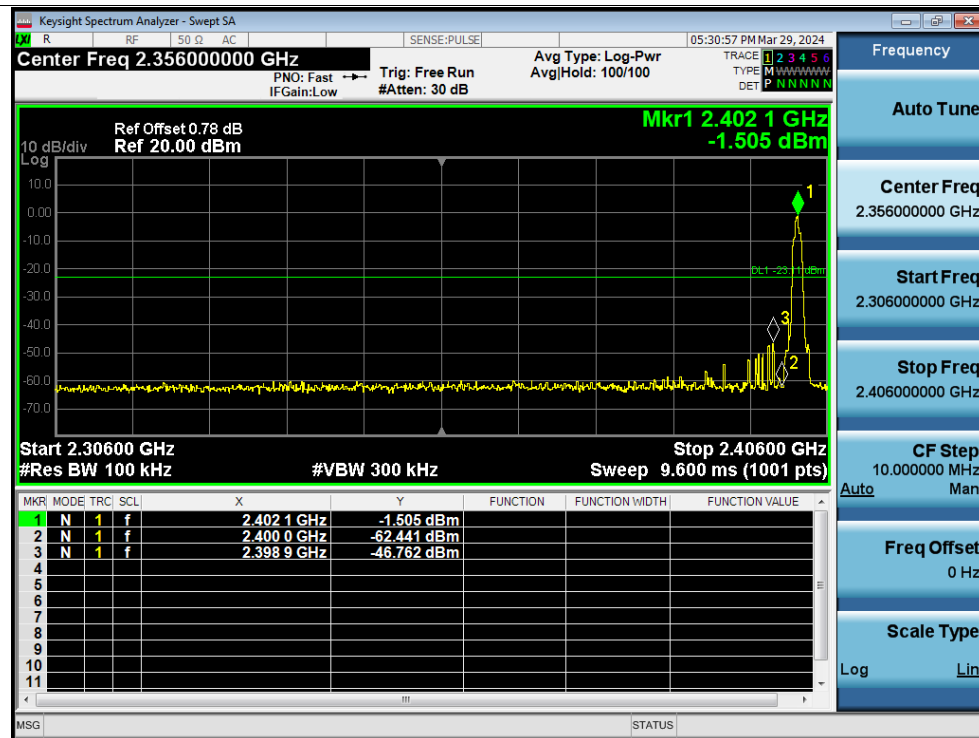
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



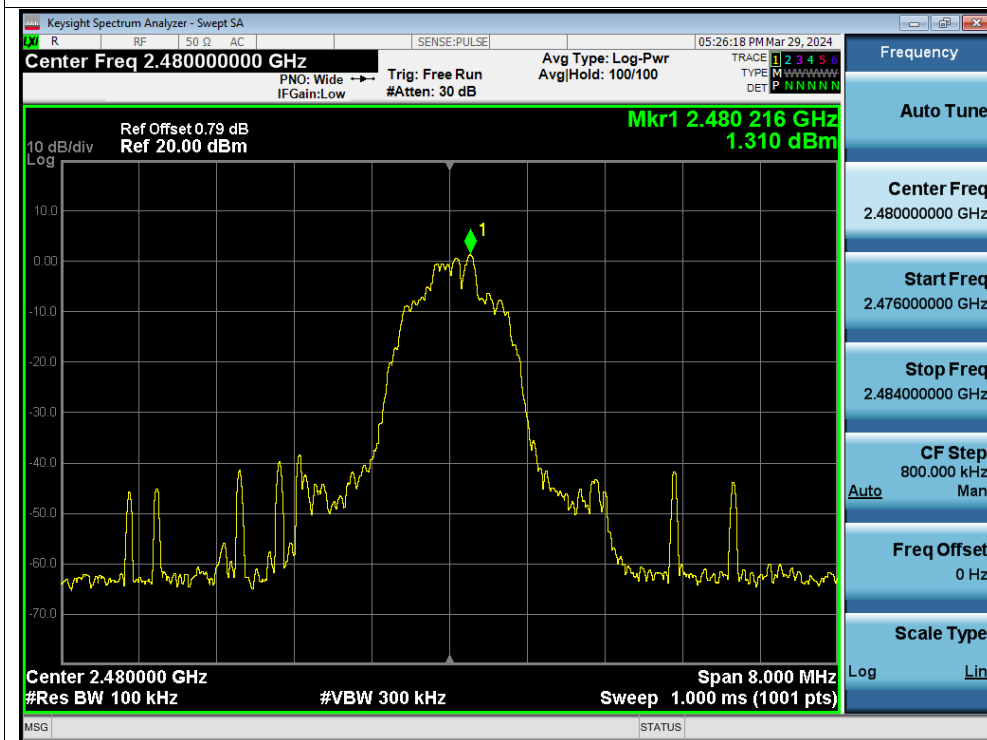
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



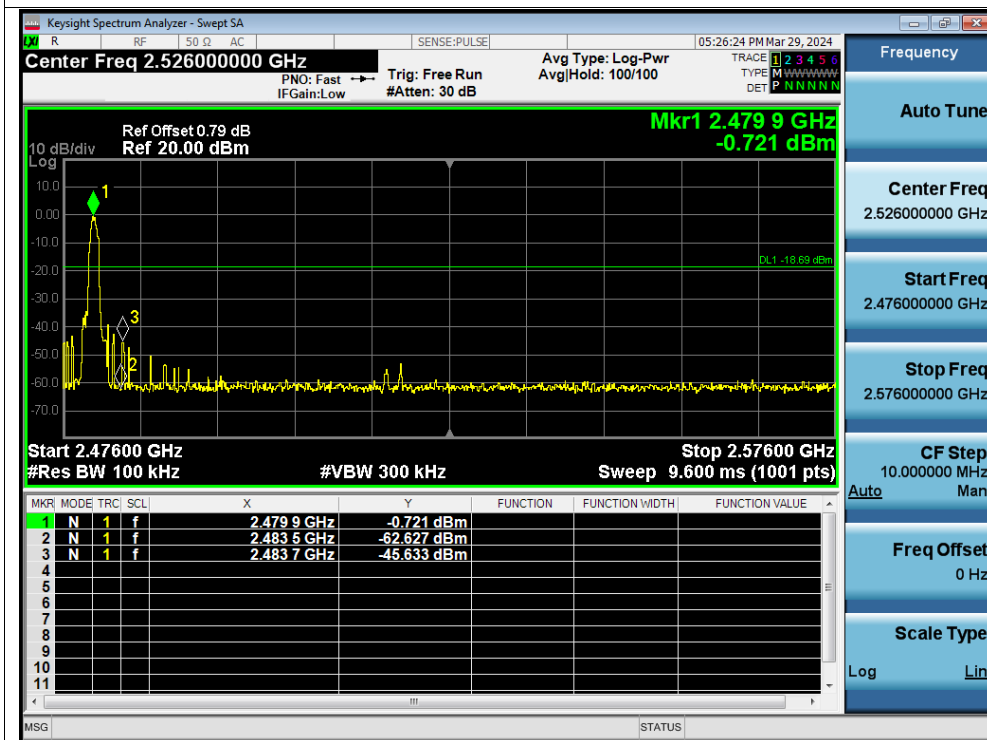
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



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



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

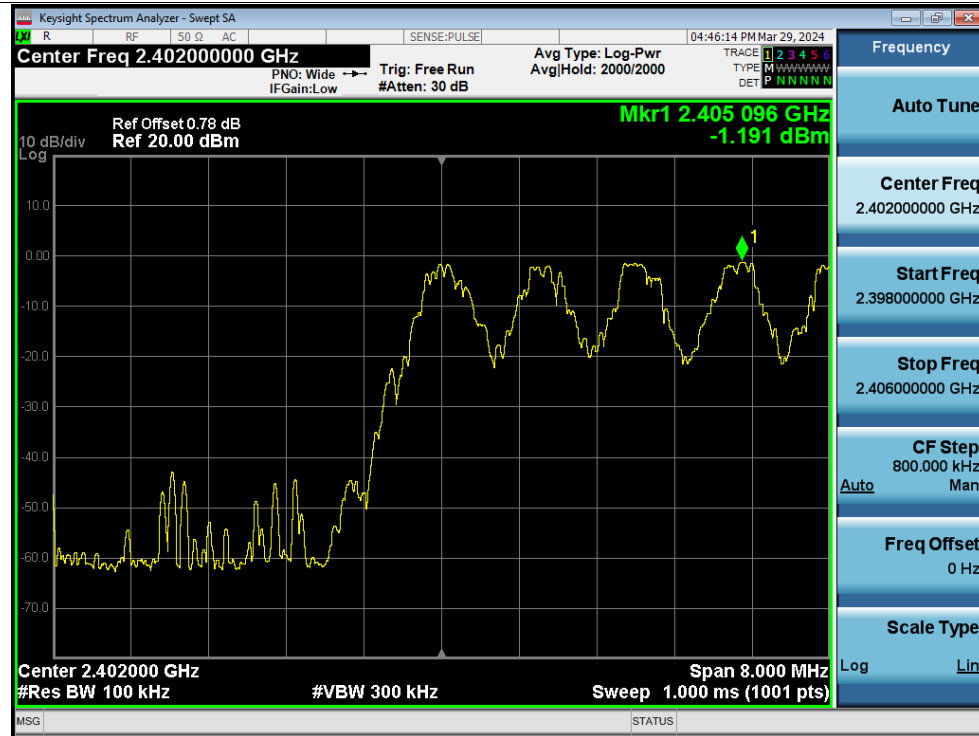


Band Edge(Hopping)

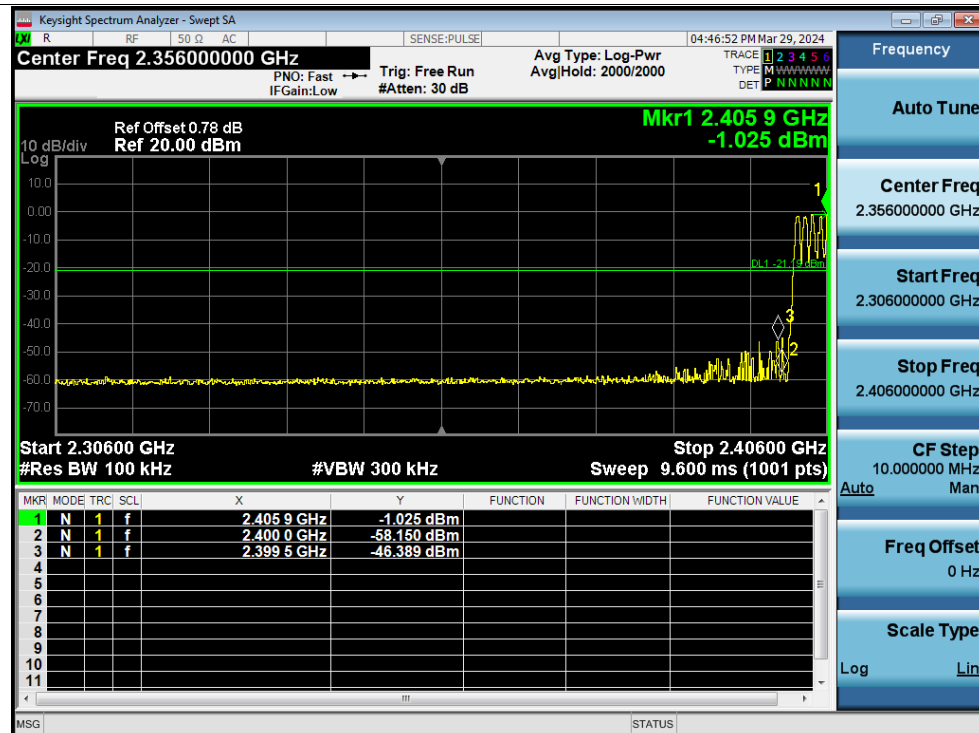
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-45.2	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-43.42	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-48.11	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-47.23	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-41.65	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-51.14	-20	Pass

Test Graphs

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



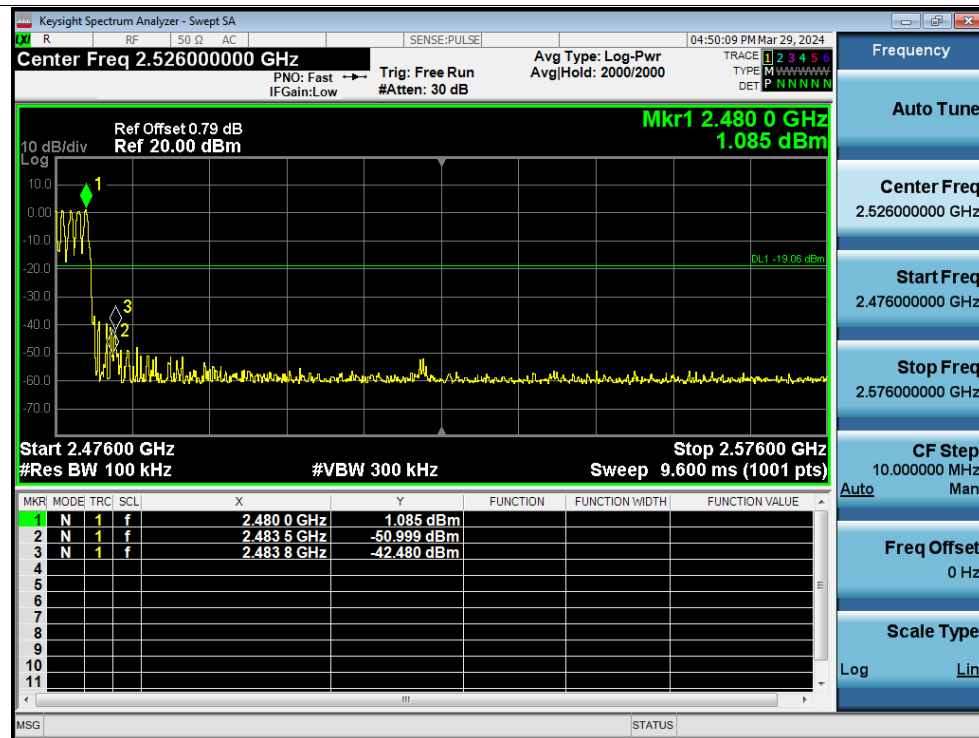
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



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



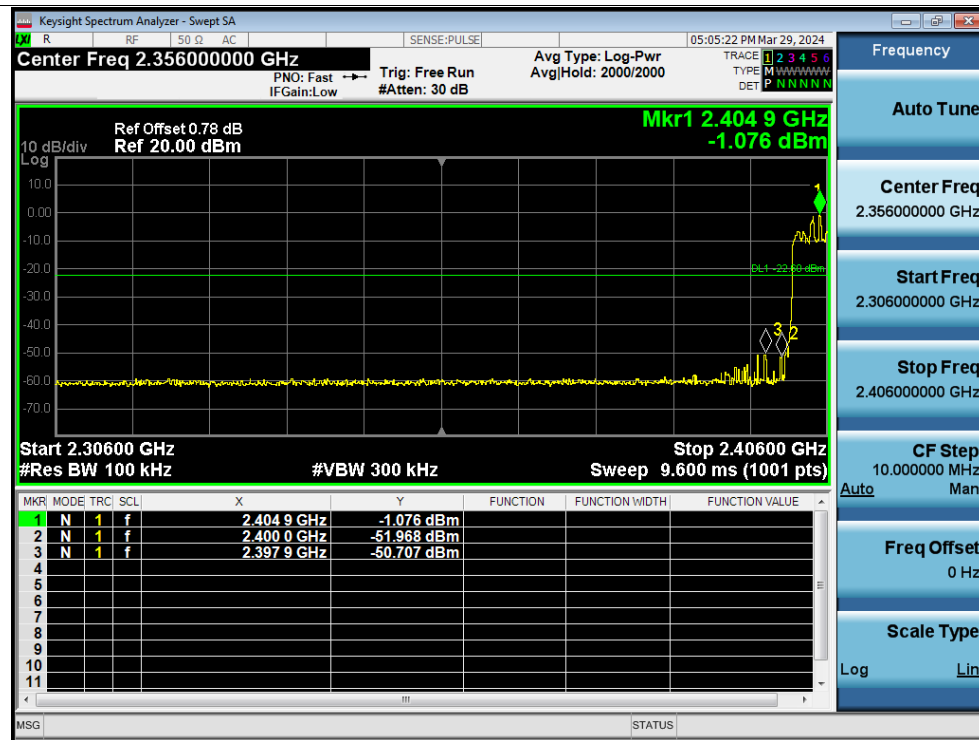
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



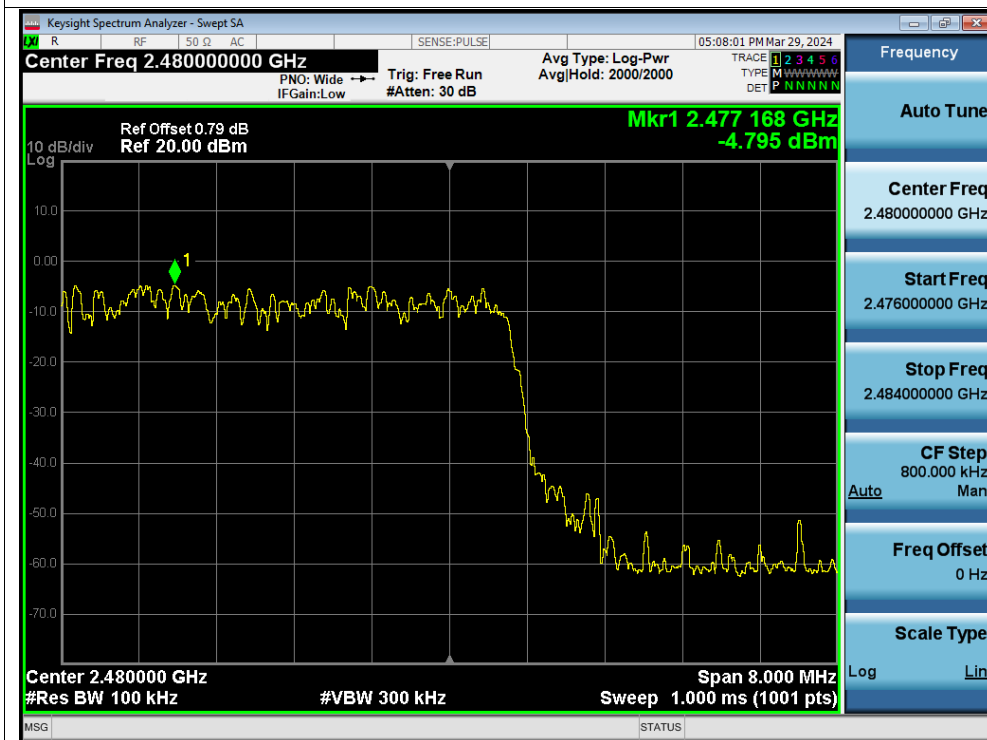
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



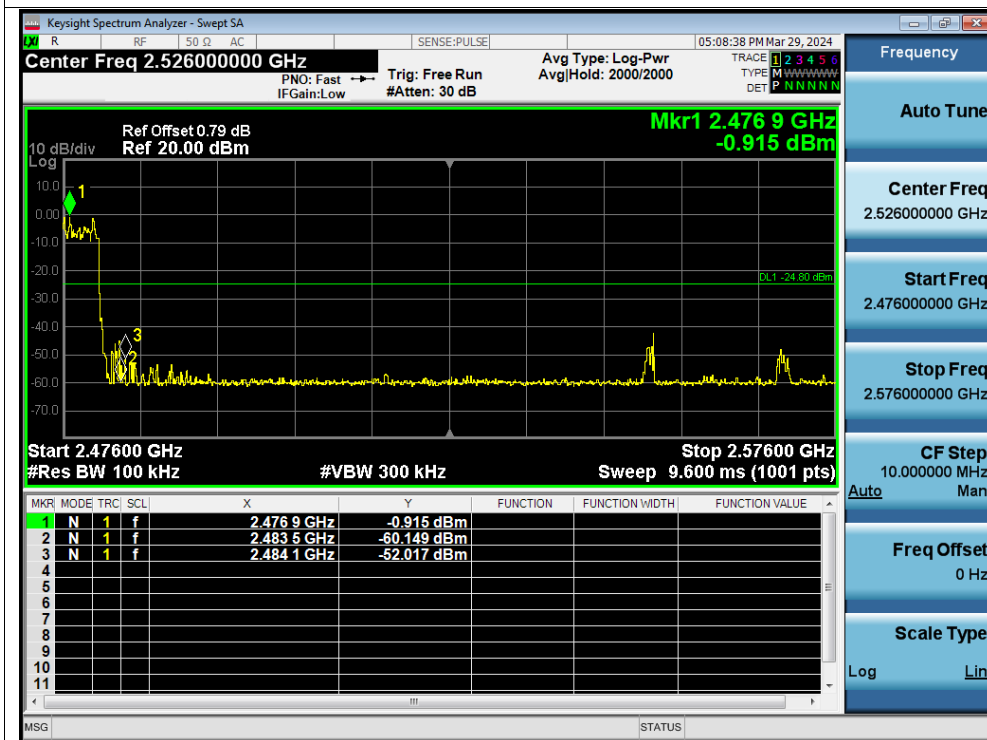
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



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



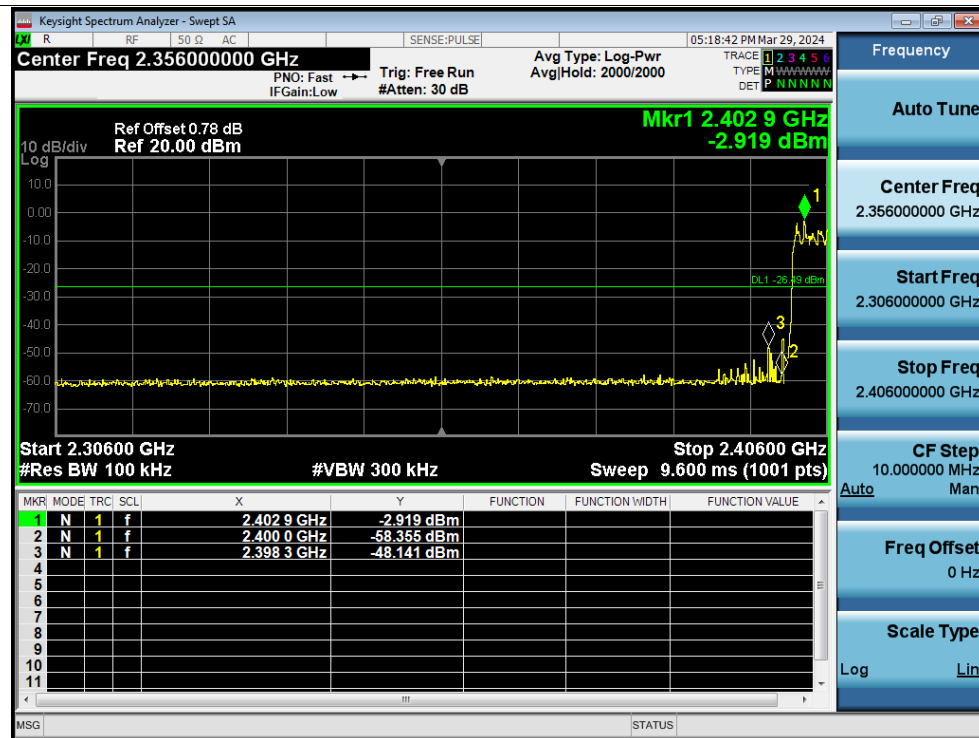
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



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



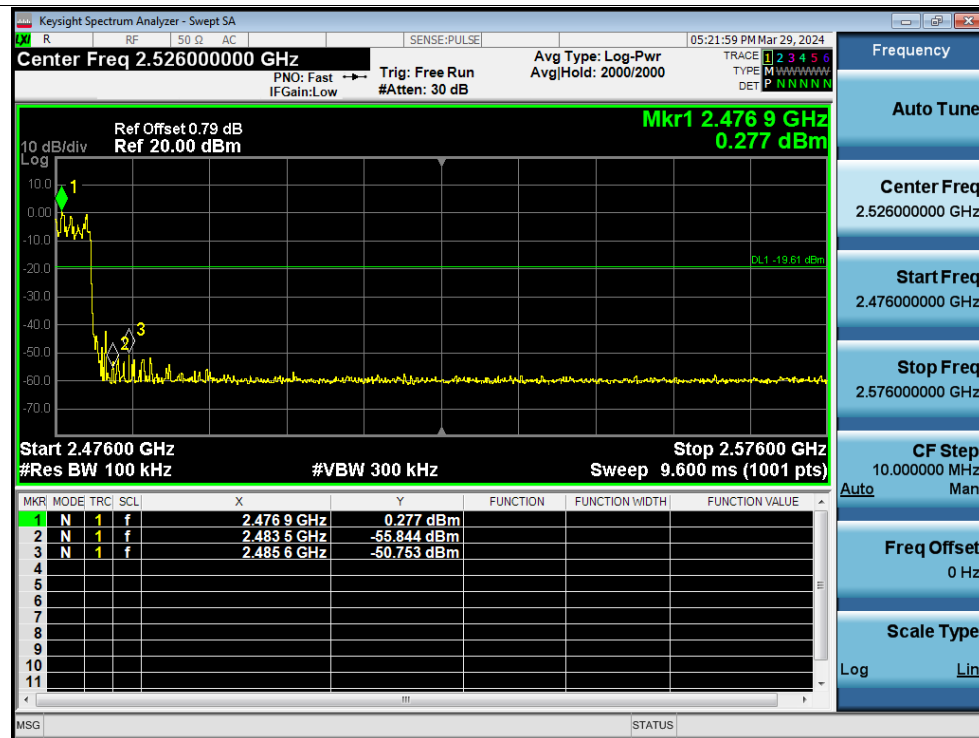
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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



Conducted RF Spurious Emission

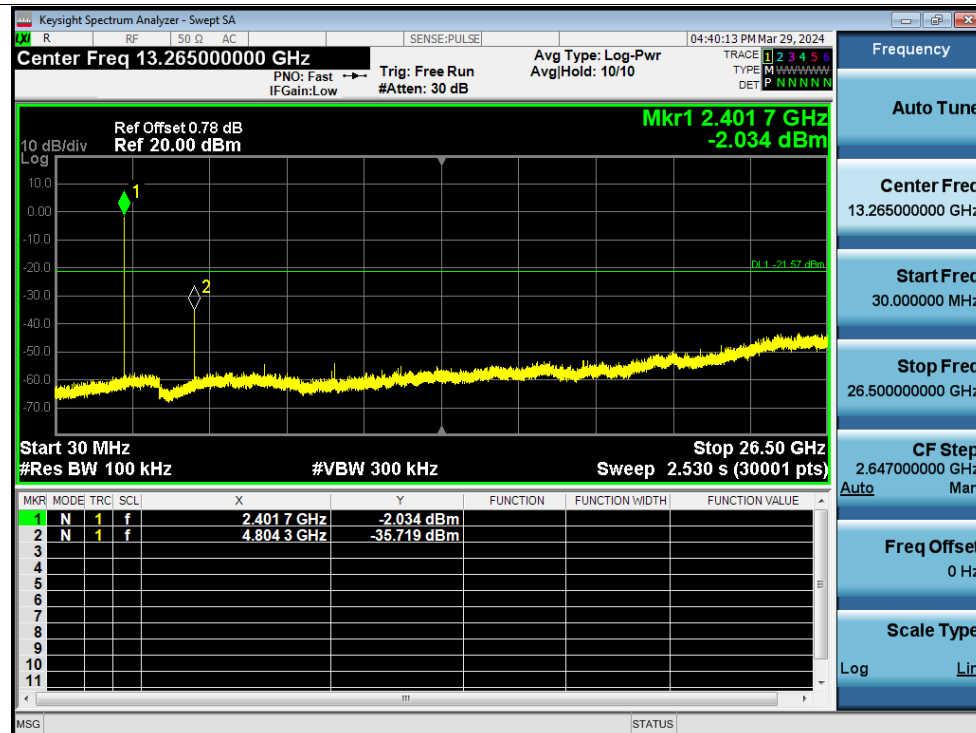
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-34.15	-20	Pass
NVNT	1-DH5	2441	Ant1	-34.41	-20	Pass
NVNT	1-DH5	2480	Ant1	-34.33	-20	Pass
NVNT	2-DH5	2402	Ant1	-41.02	-20	Pass
NVNT	2-DH5	2441	Ant1	-42.13	-20	Pass
NVNT	2-DH5	2480	Ant1	-35.52	-20	Pass
NVNT	3-DH5	2402	Ant1	-42.38	-20	Pass
NVNT	3-DH5	2441	Ant1	-34.91	-20	Pass
NVNT	3-DH5	2480	Ant1	-40.13	-20	Pass

Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



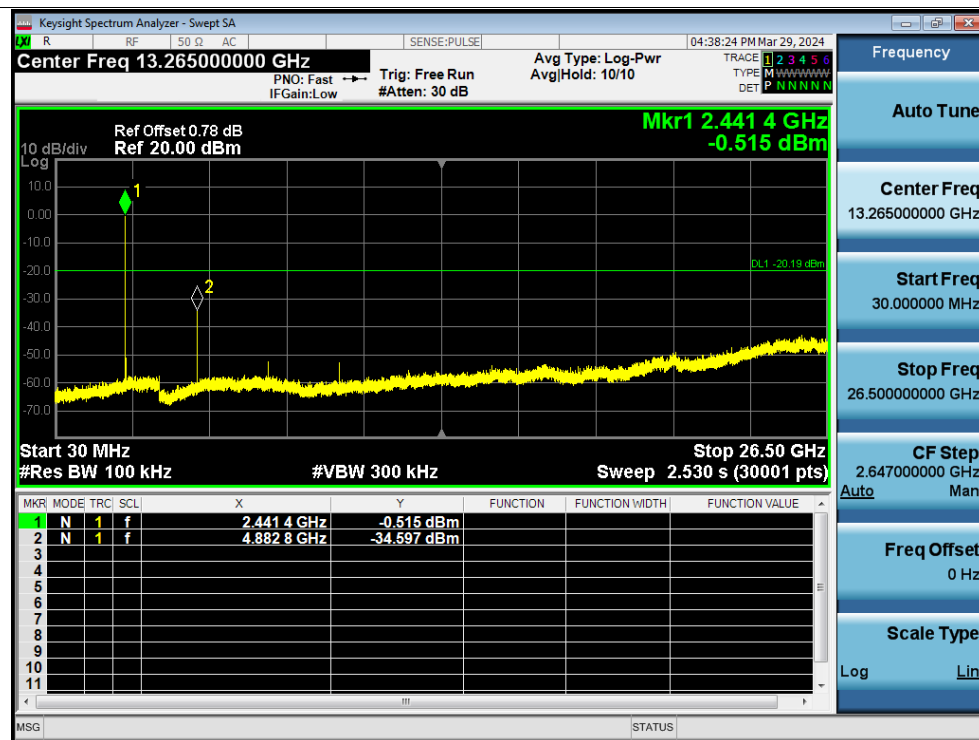
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



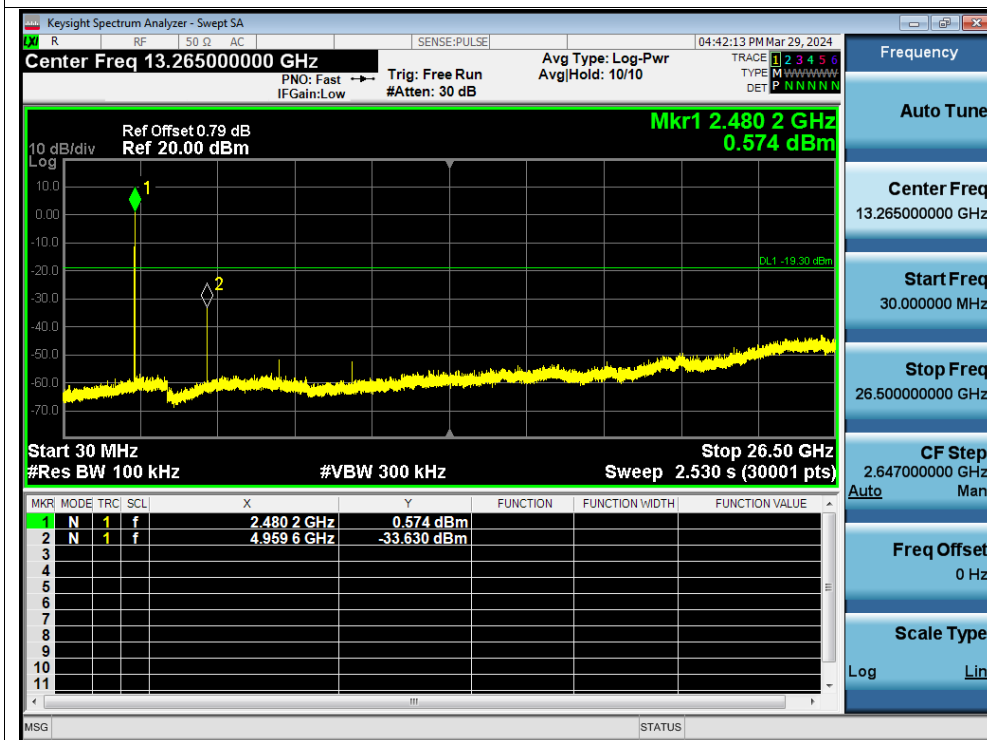
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



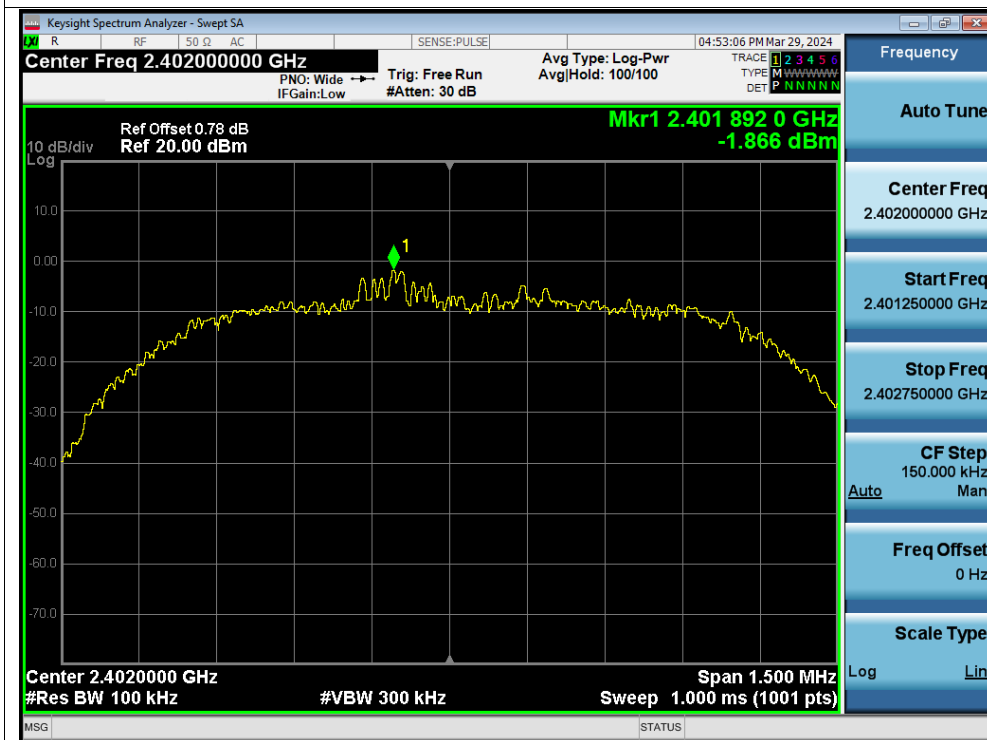
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



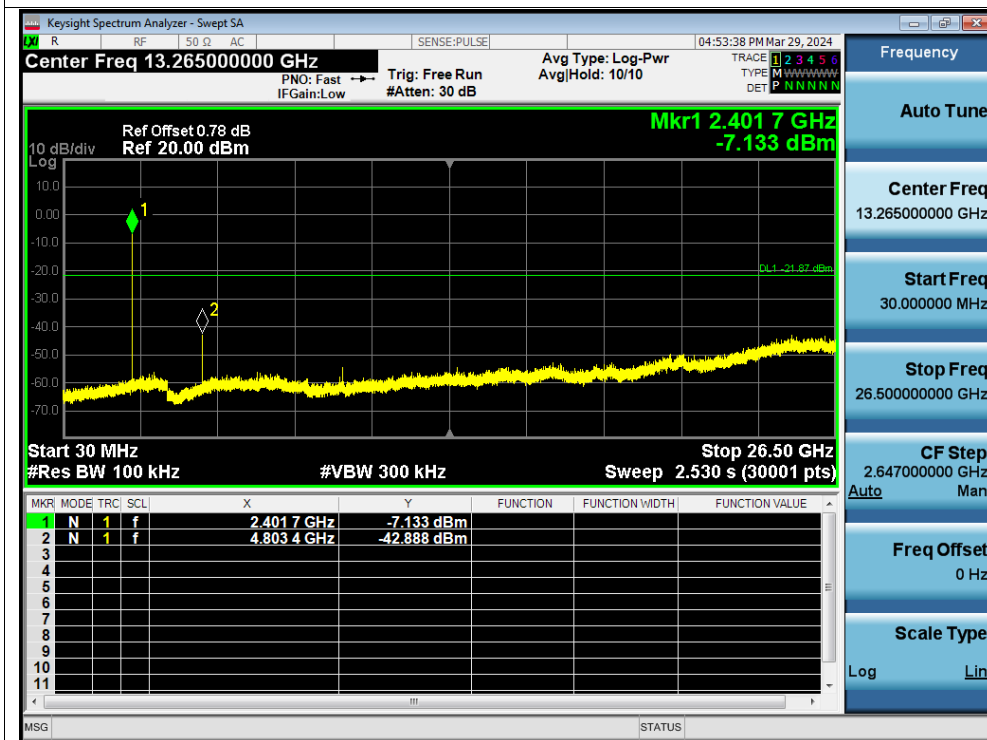
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



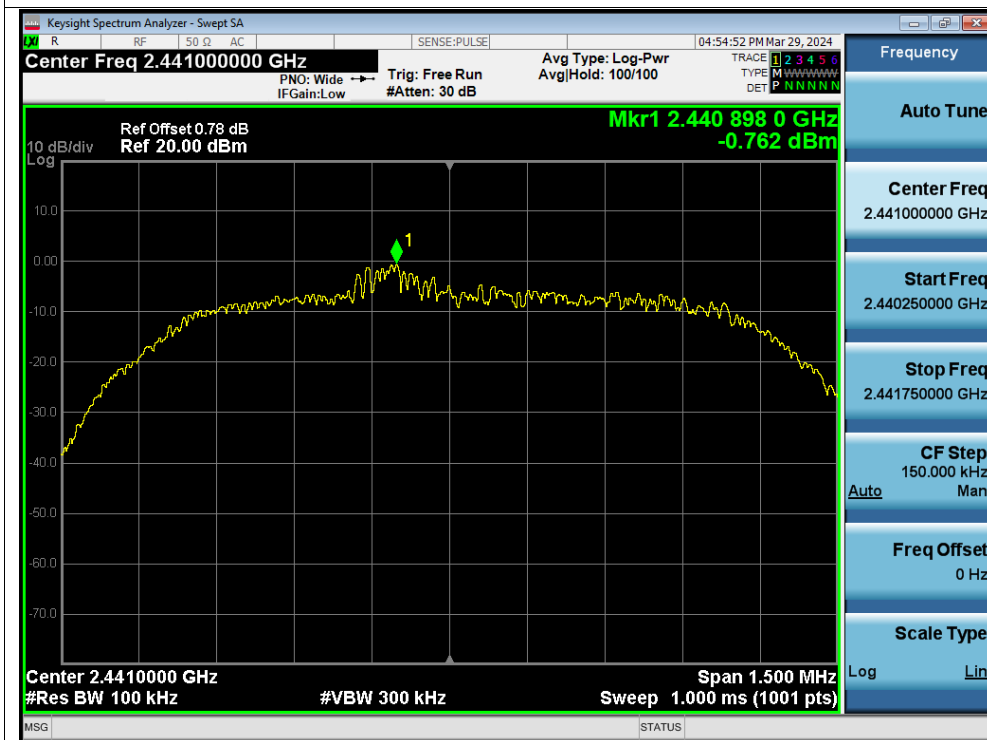
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



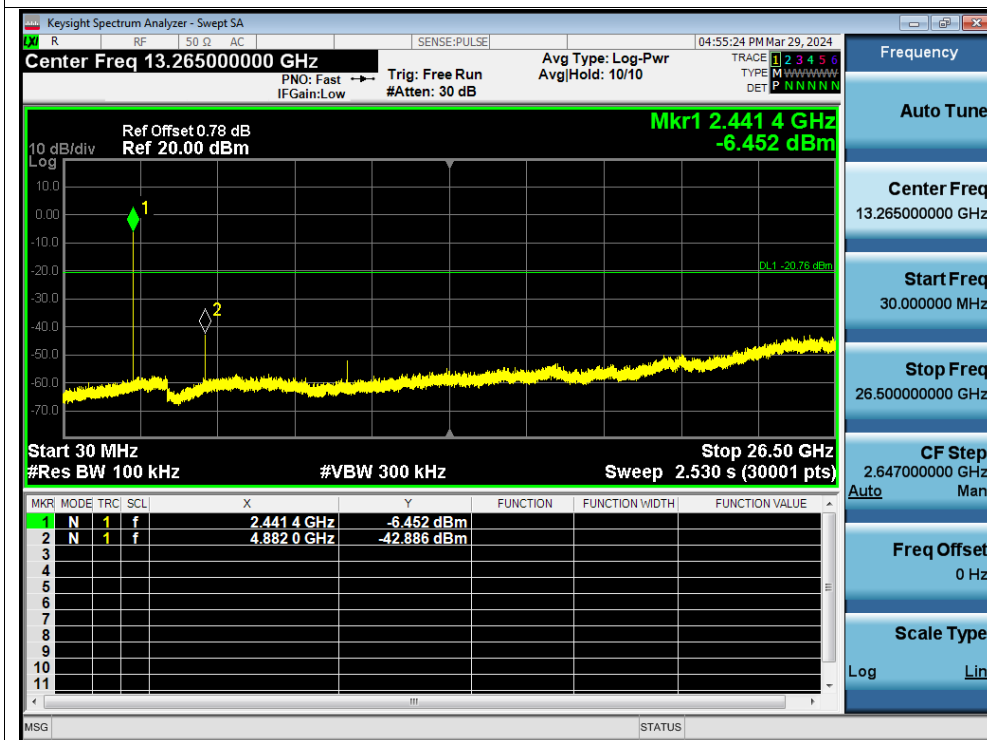
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



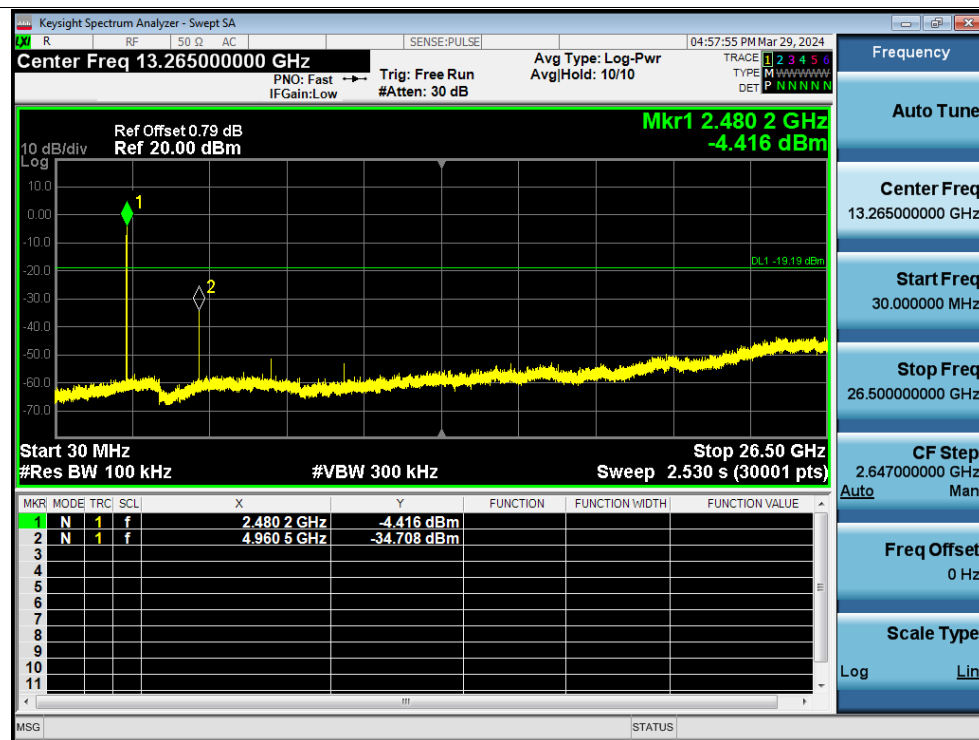
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



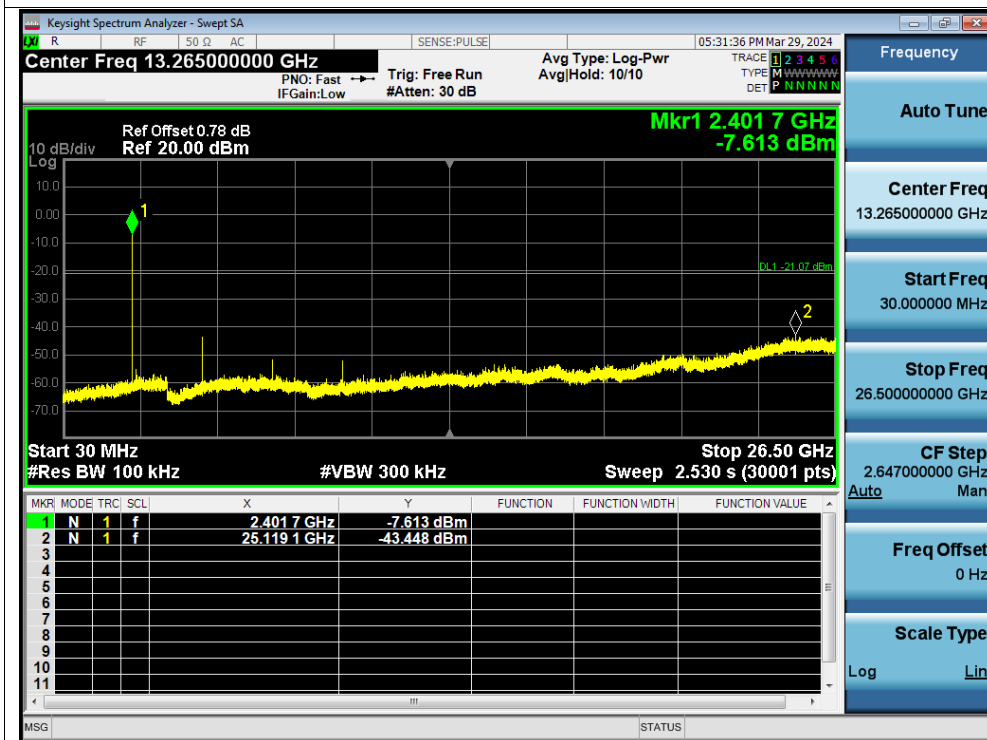
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



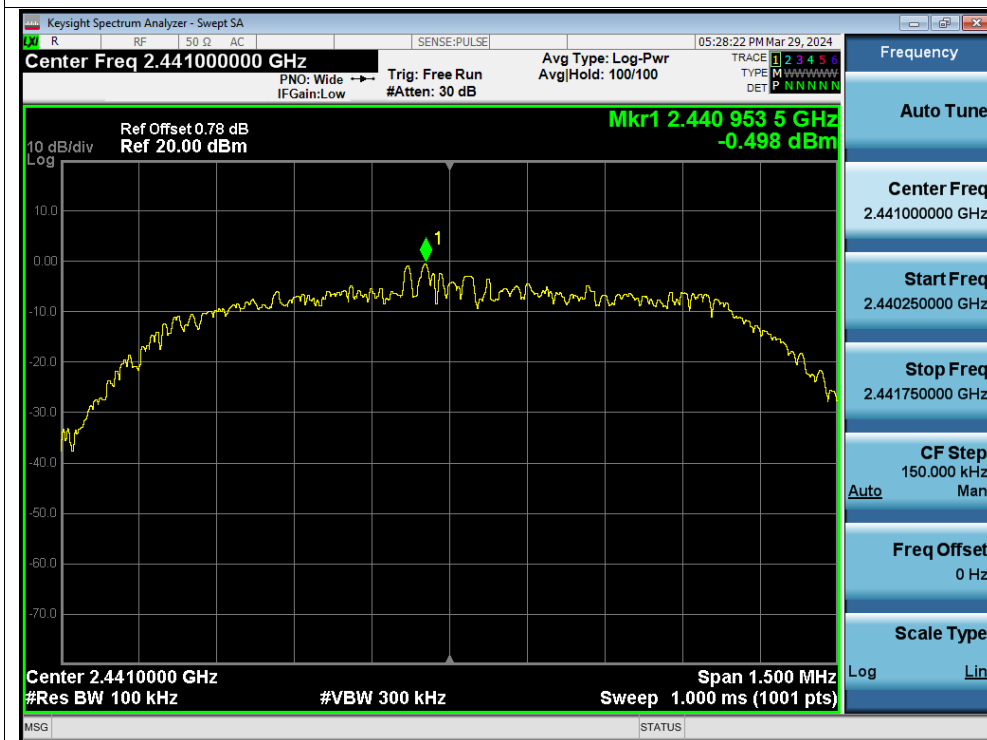
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



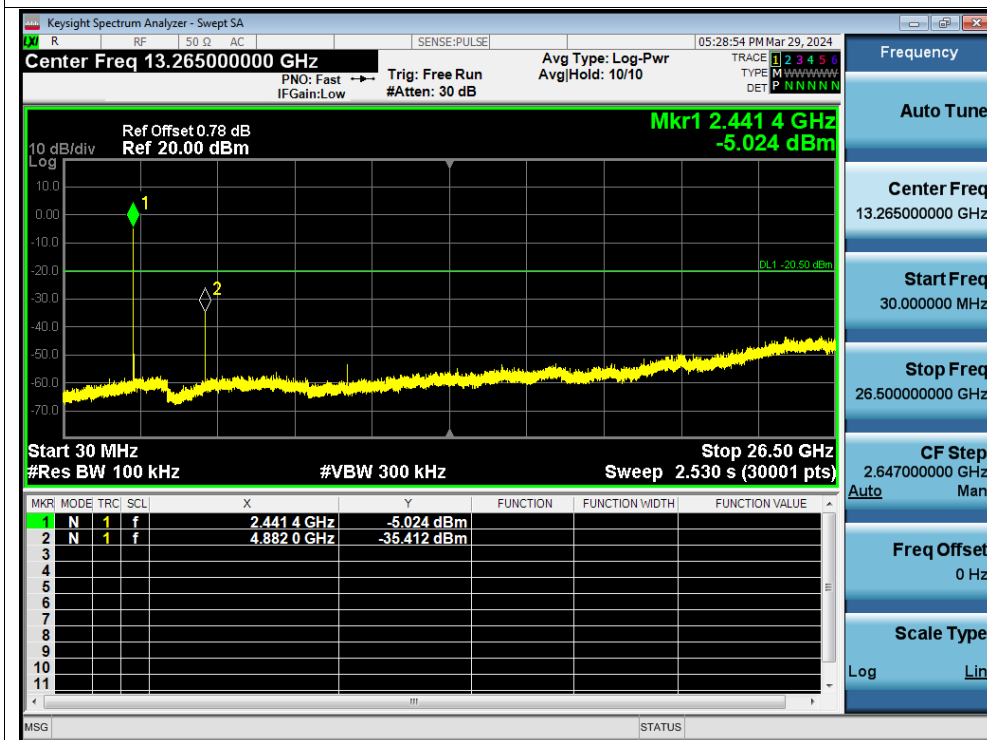
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



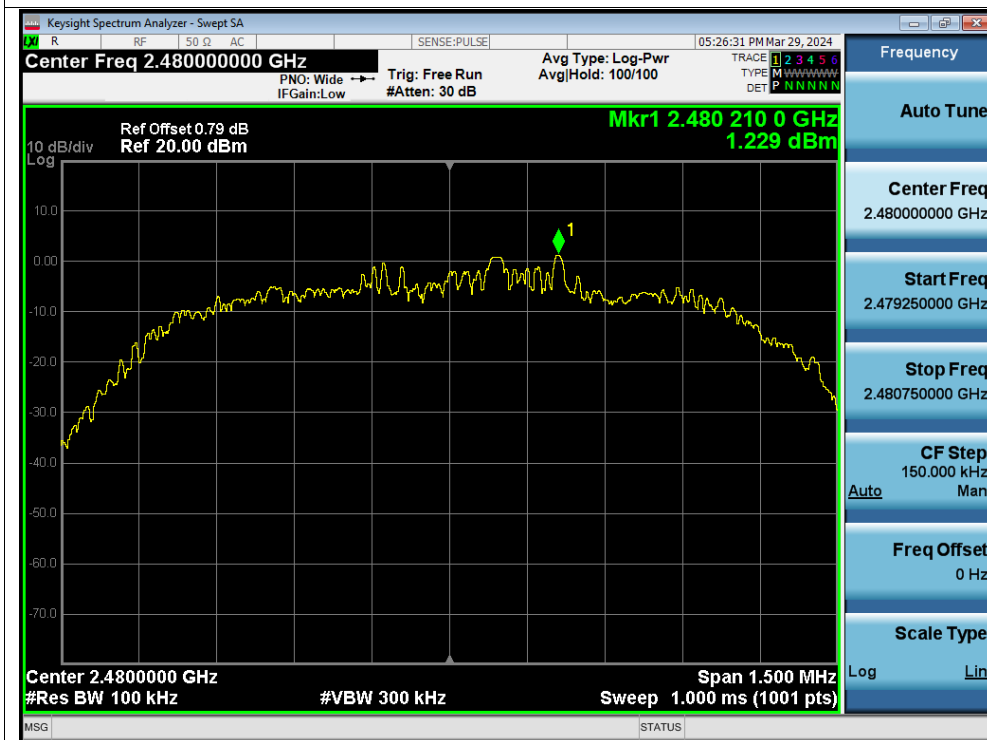
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

