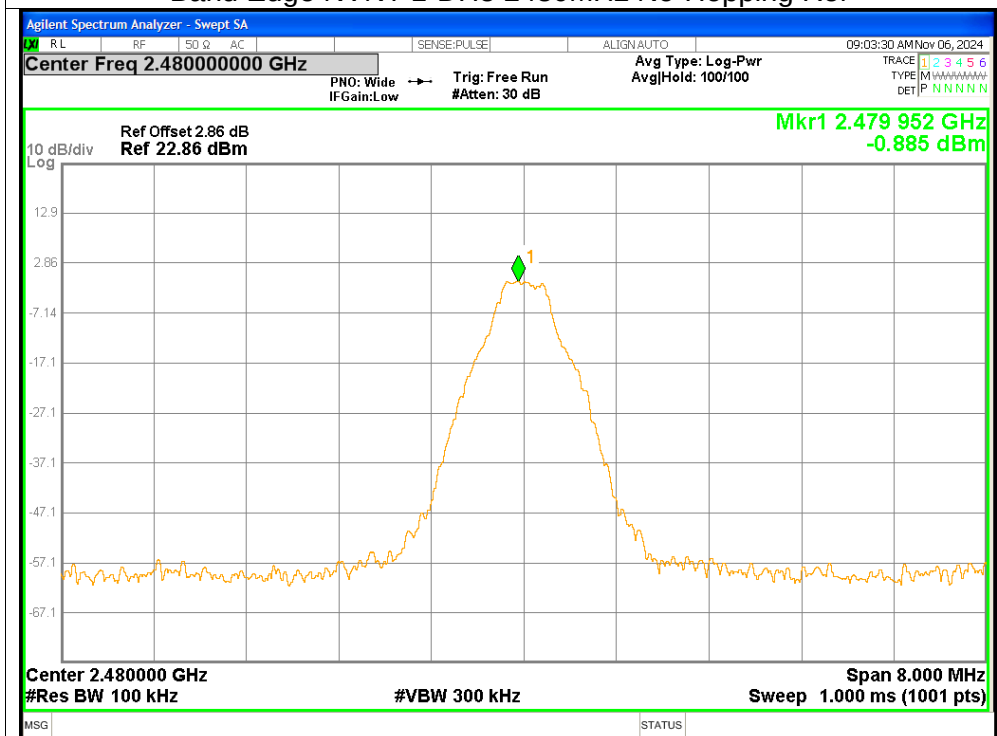
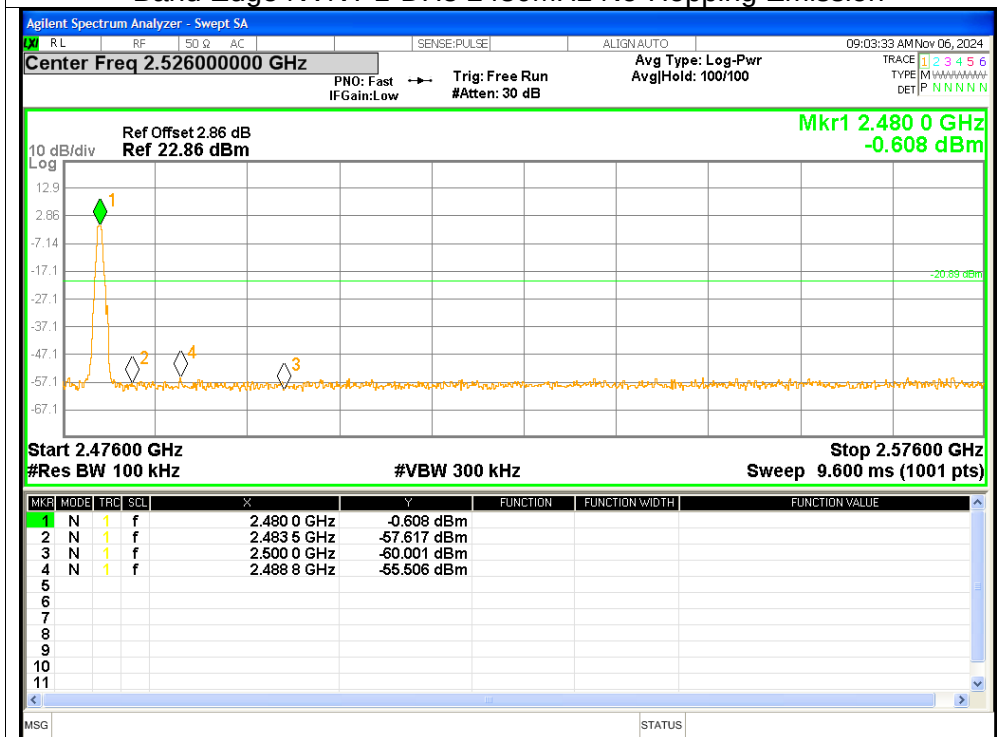


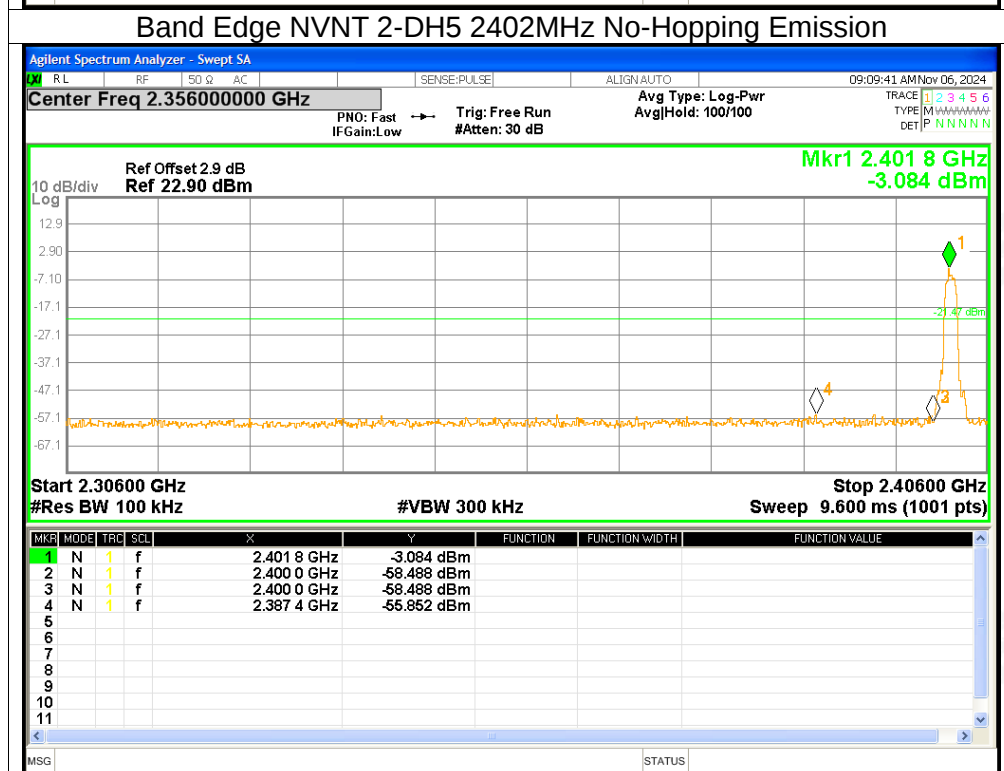
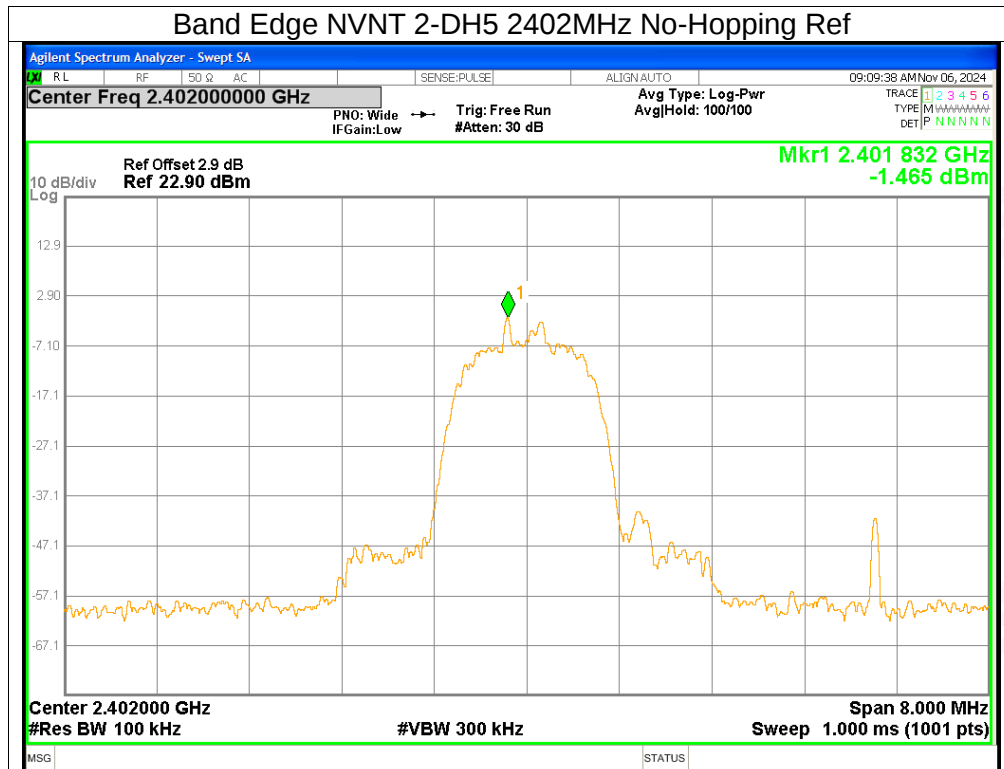


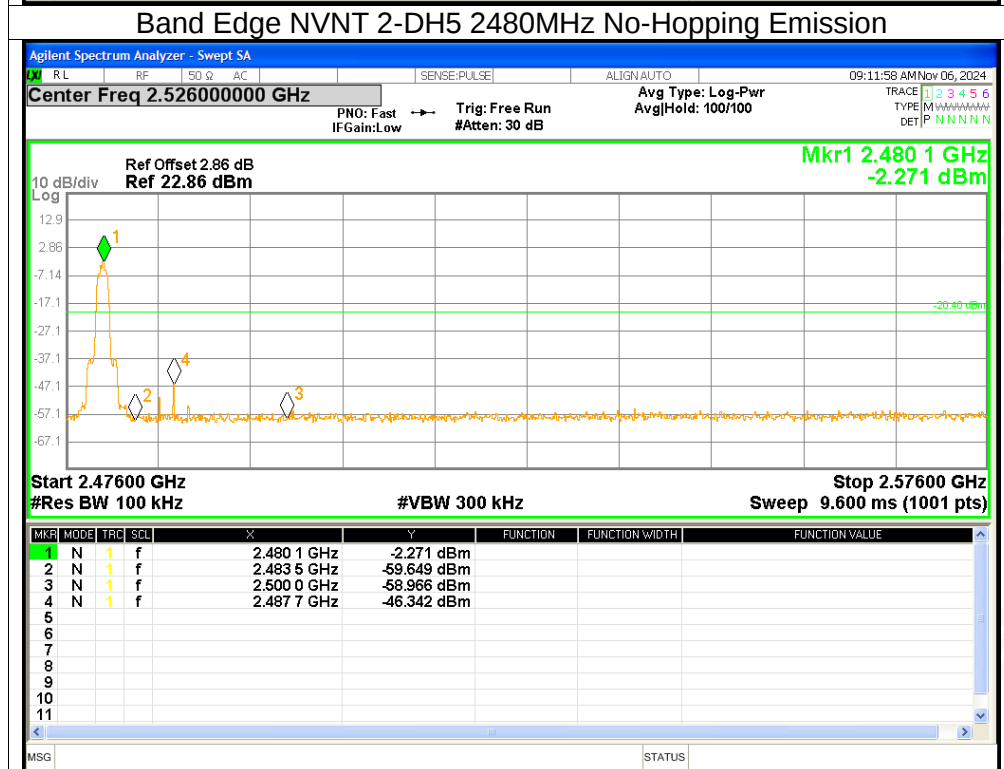
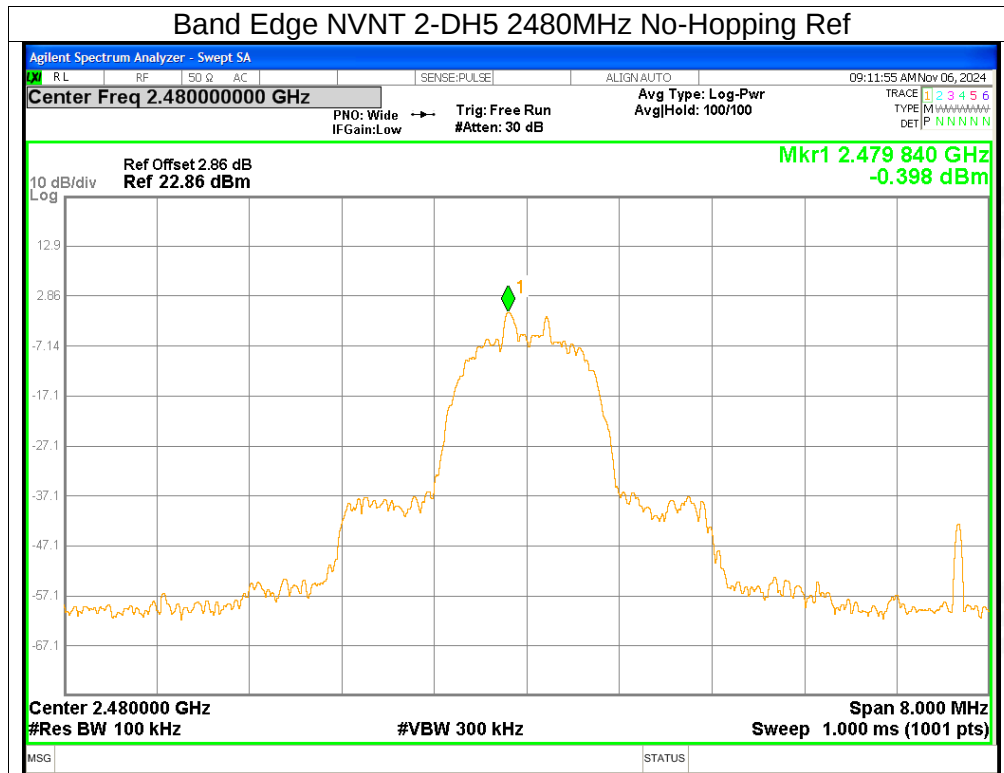
Band Edge NVNT 1-DH5 2480MHz No-Hopping Ref

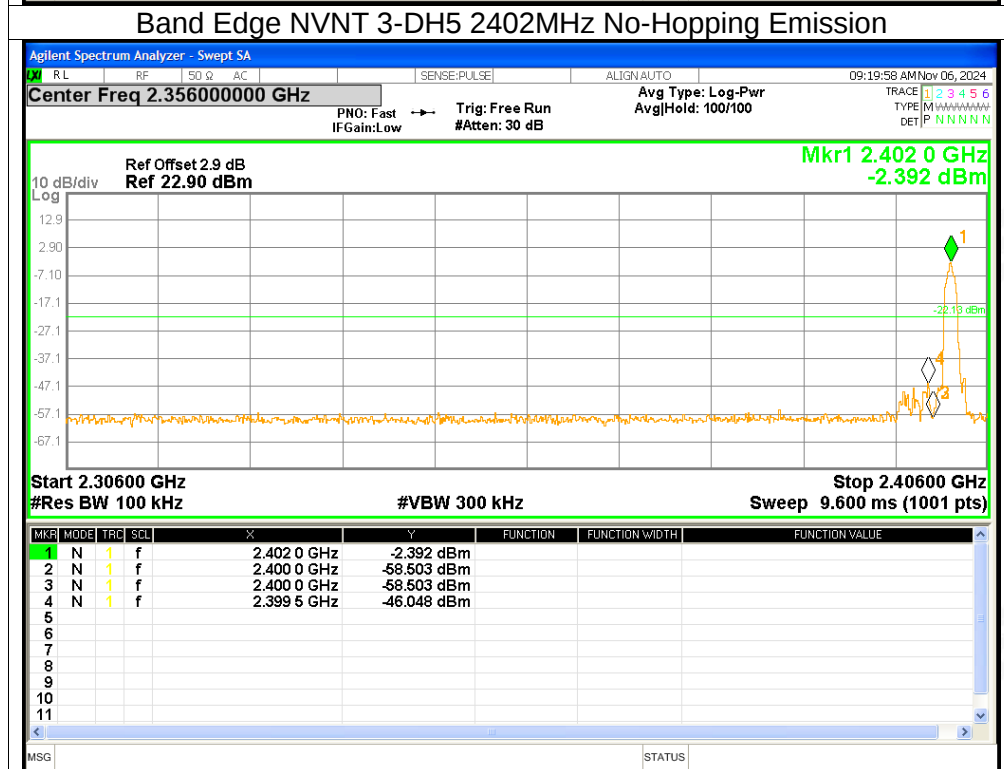
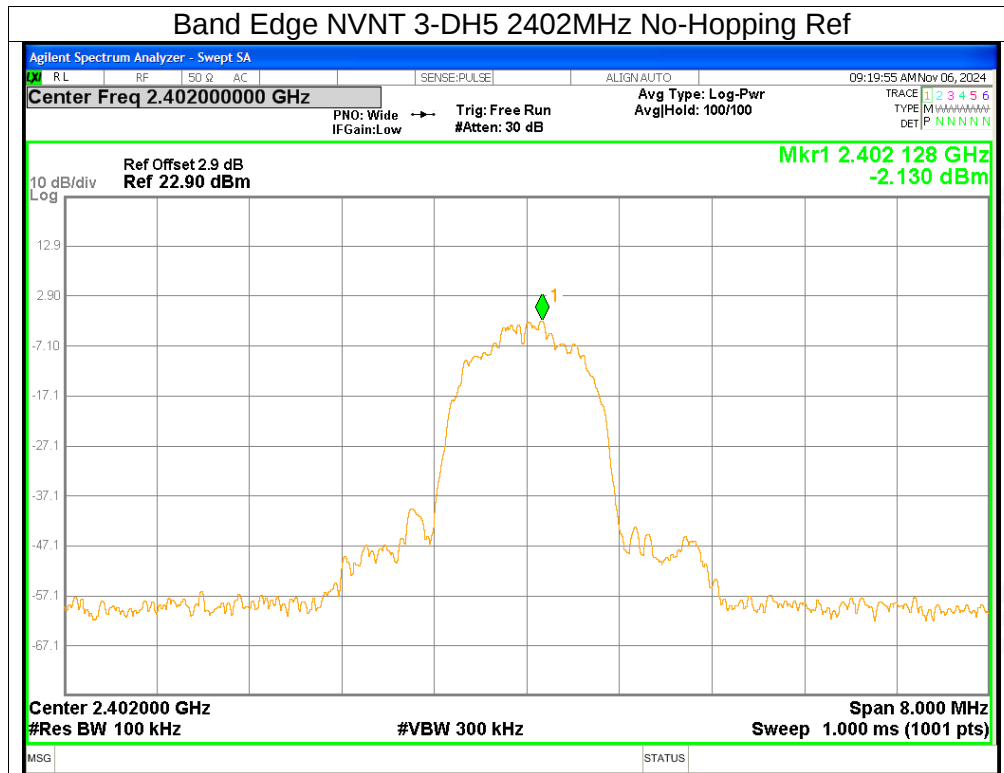


Band Edge NVNT 1-DH5 2480MHz No-Hopping Emission











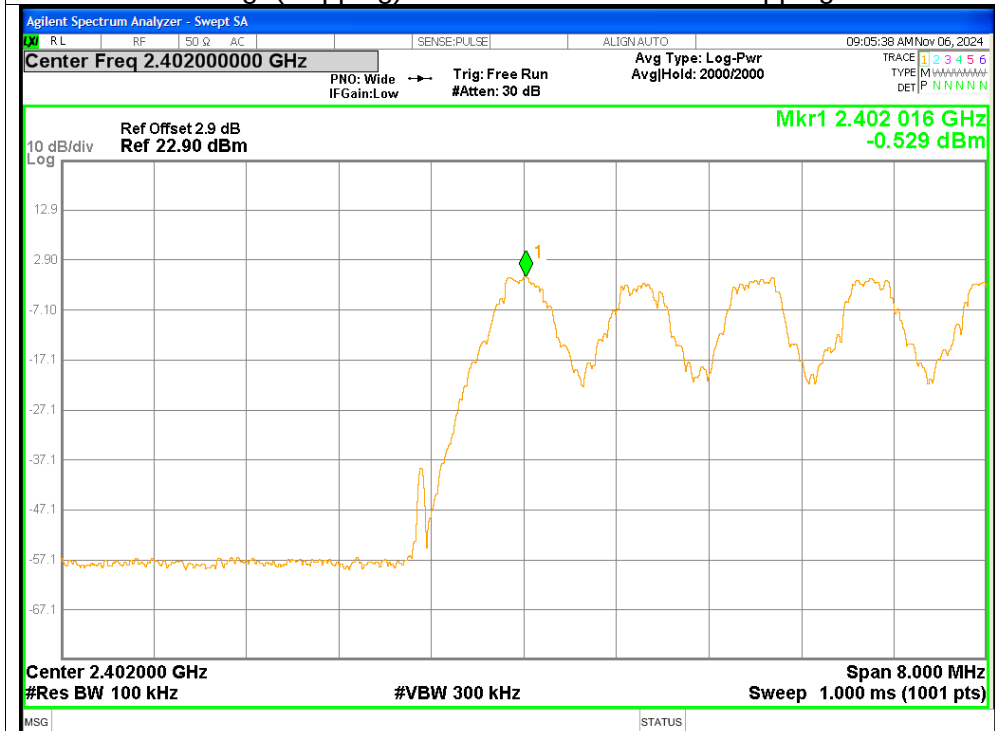
7. Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Hopping	-53.74	≤ -20	Pass
NVNT	1-DH5	2480	Hopping	-54.74	≤ -20	Pass
NVNT	2-DH5	2402	Hopping	-51.61	≤ -20	Pass
NVNT	2-DH5	2480	Hopping	-49.87	≤ -20	Pass
NVNT	3-DH5	2402	Hopping	-52.68	≤ -20	Pass
NVNT	3-DH5	2480	Hopping	-53.93	≤ -20	Pass

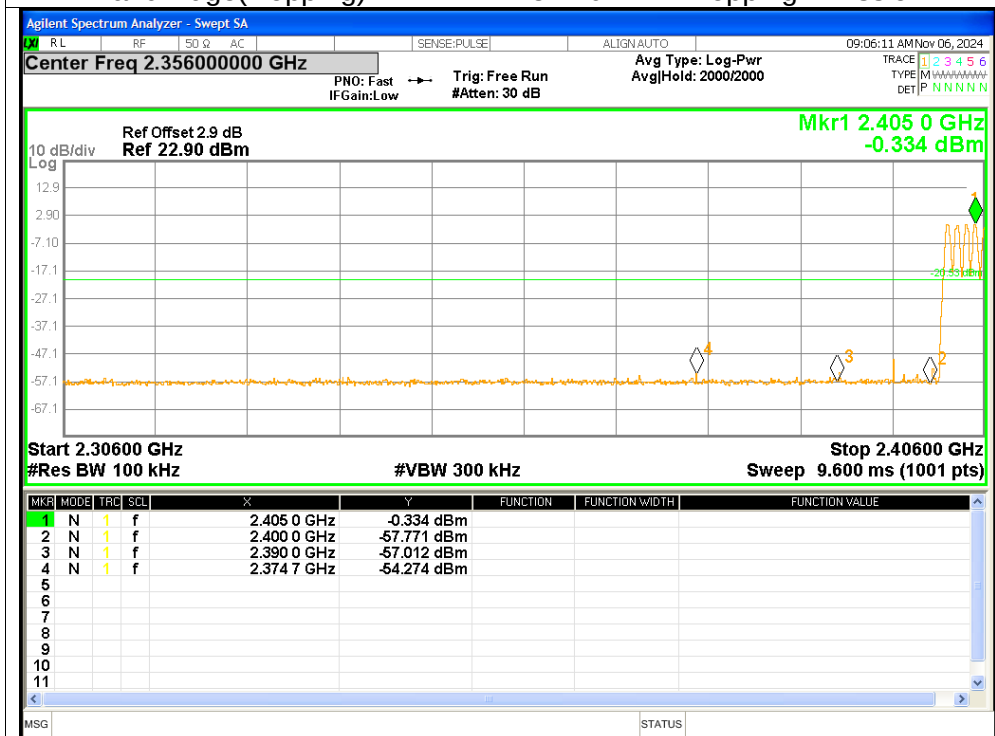


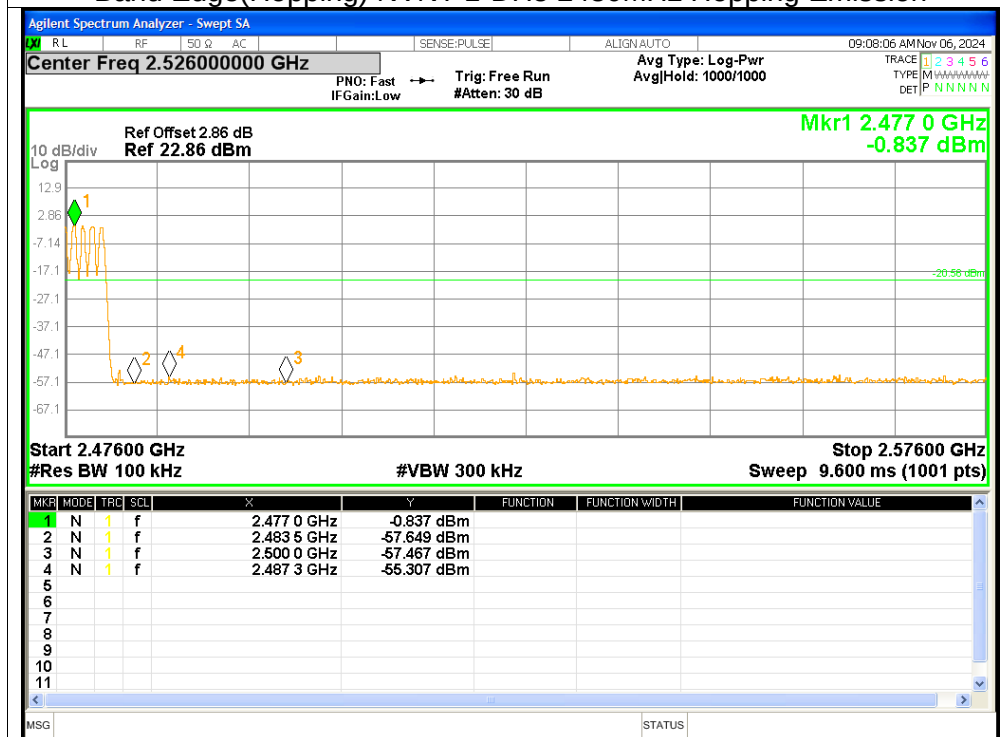
Test Graphs

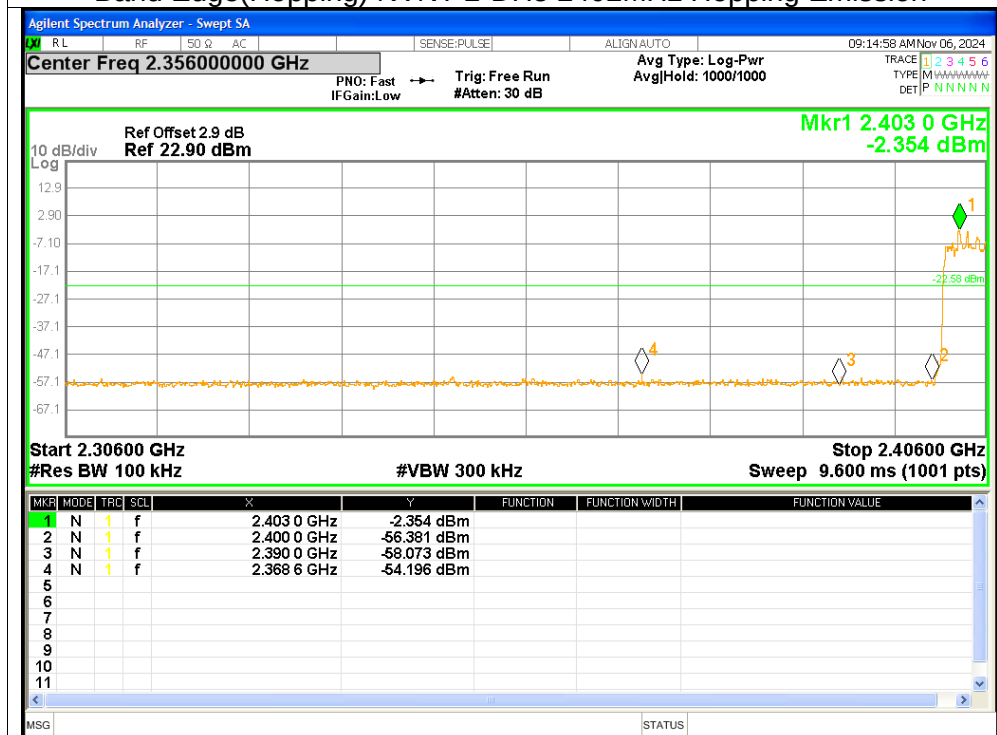
Band Edge(Hopping) NVNT 1-DH5 2402MHz Hopping Ref

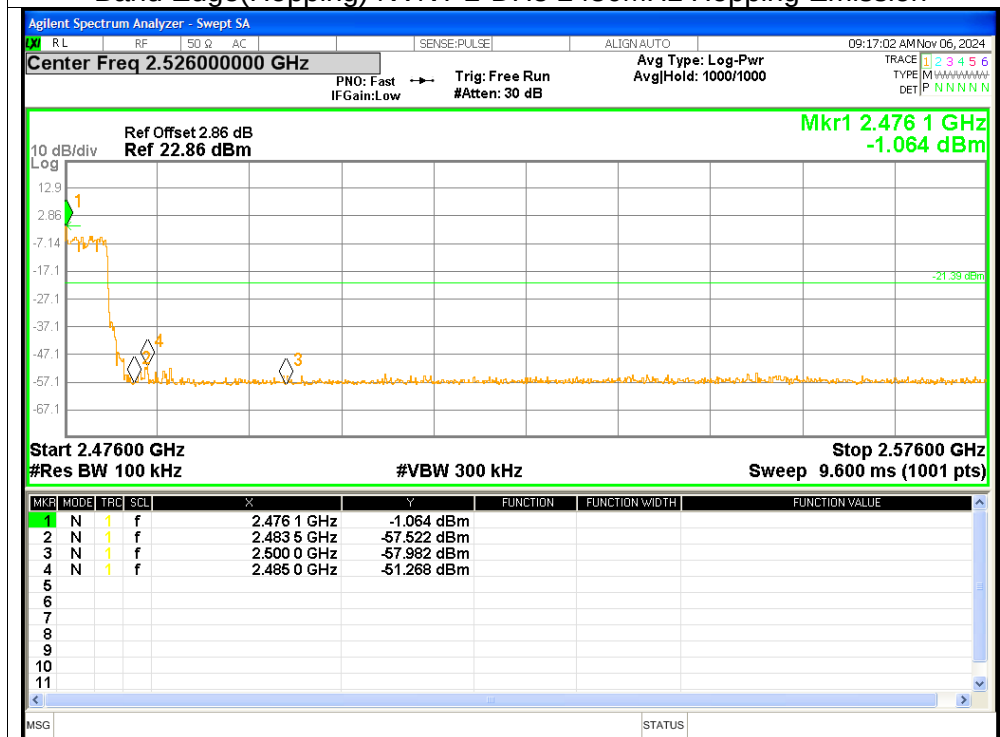


Band Edge(Hopping) NVNT 1-DH5 2402MHz Hopping Emission



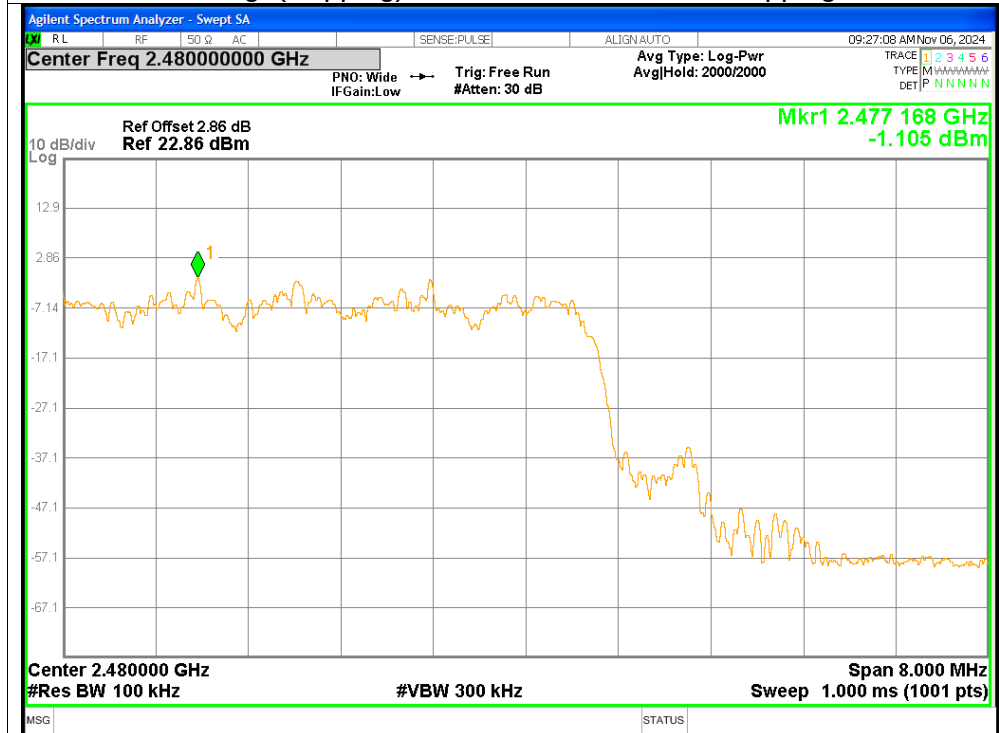




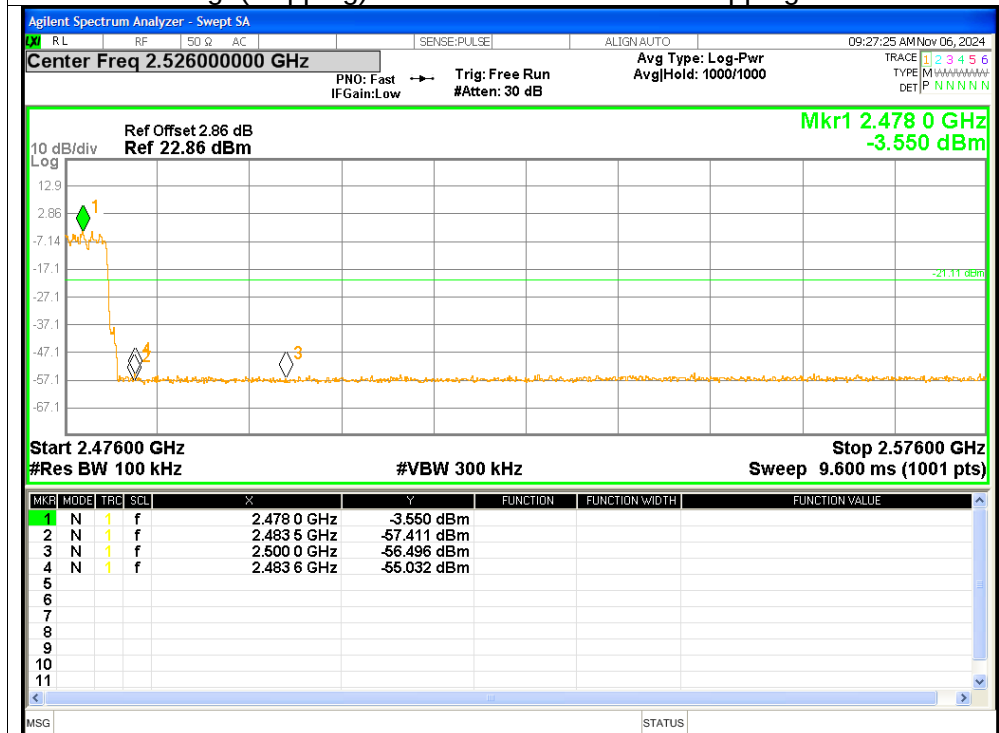




Band Edge(Hopping) NVNT 3-DH5 2480MHz Hopping Ref



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



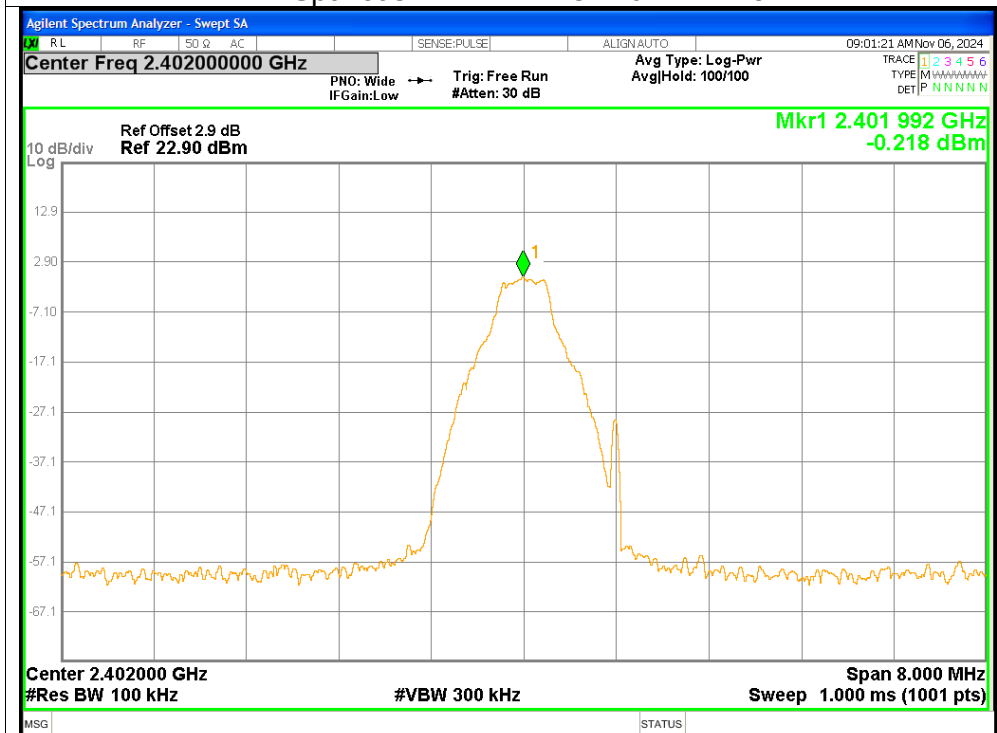


8. Conducted RF Spurious Emission

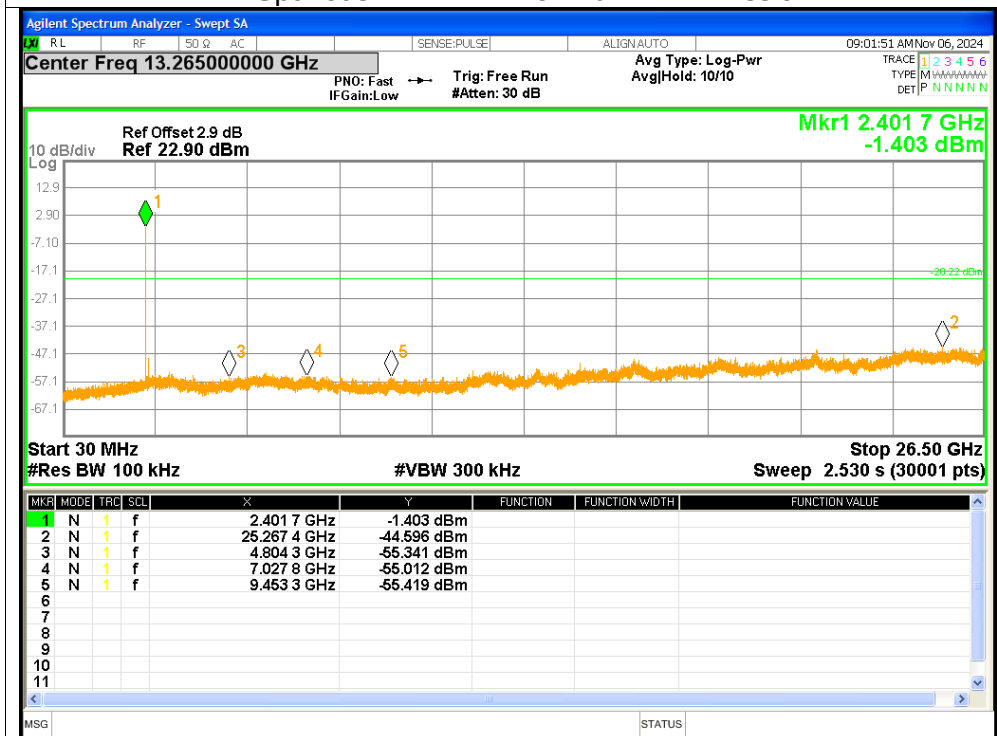
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	-44.37	≤ -20	Pass
NVNT	1-DH5	2441	-45.49	≤ -20	Pass
NVNT	1-DH5	2480	-44.19	≤ -20	Pass
NVNT	2-DH5	2402	-43.28	≤ -20	Pass
NVNT	2-DH5	2441	-43	≤ -20	Pass
NVNT	2-DH5	2480	-41.73	≤ -20	Pass
NVNT	3-DH5	2402	-41.54	≤ -20	Pass
NVNT	3-DH5	2441	-44.52	≤ -20	Pass
NVNT	3-DH5	2480	-42.84	≤ -20	Pass

Test Graphs

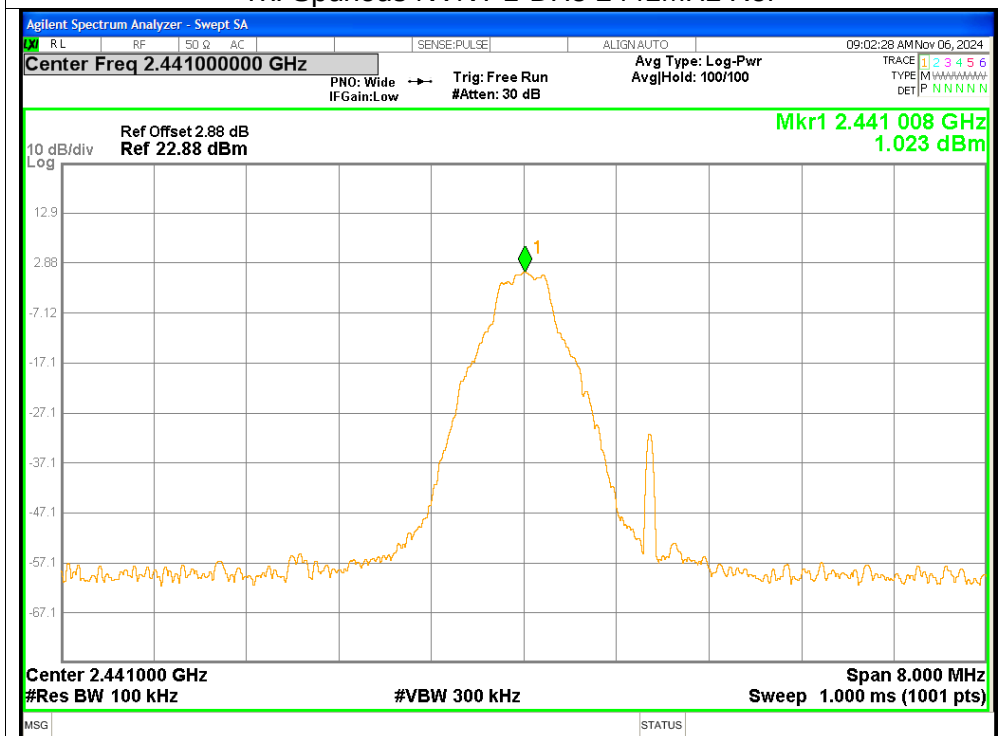
Tx. Spurious NVNT 1-DH5 2402MHz Ref



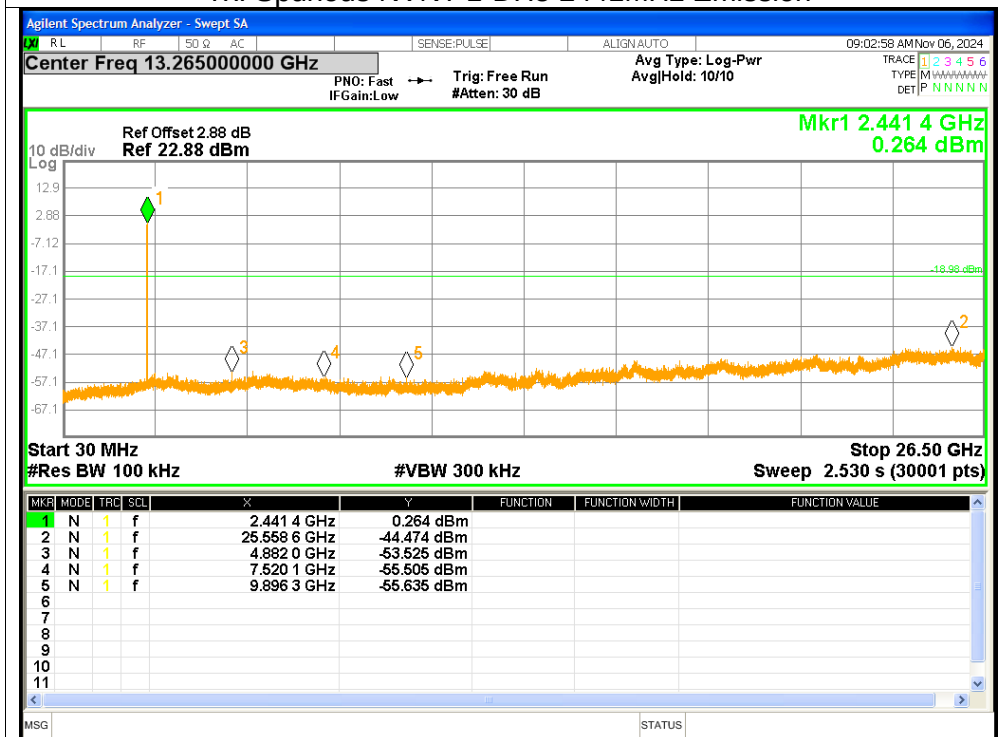
Tx. Spurious NVNT 1-DH5 2402MHz Emission

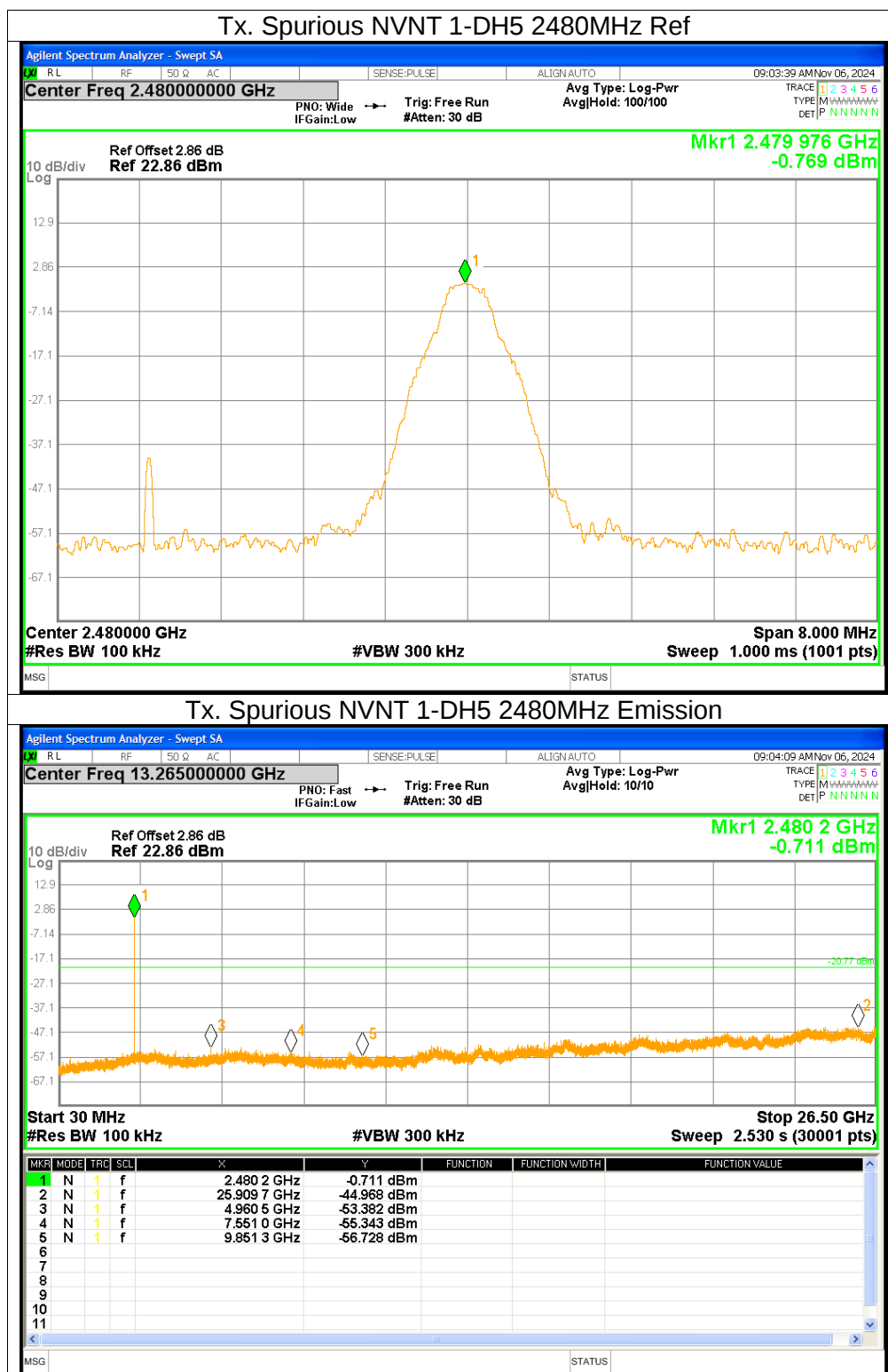


Tx. Spurious NVNT 1-DH5 2441MHz Ref

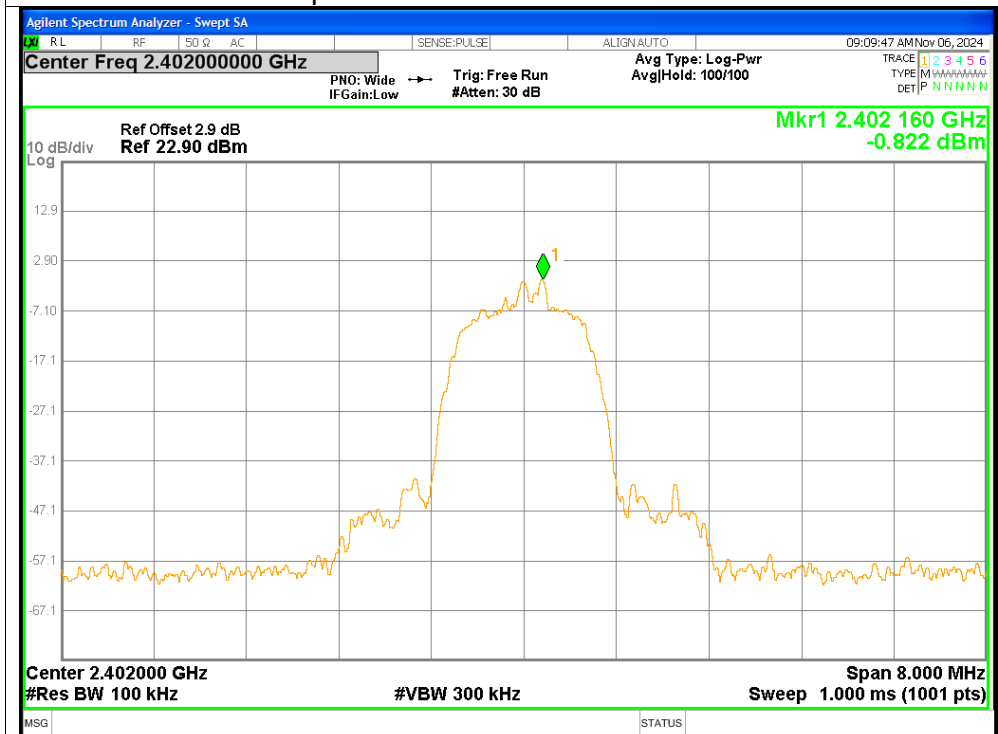


Tx. Spurious NVNT 1-DH5 2441MHz Emission

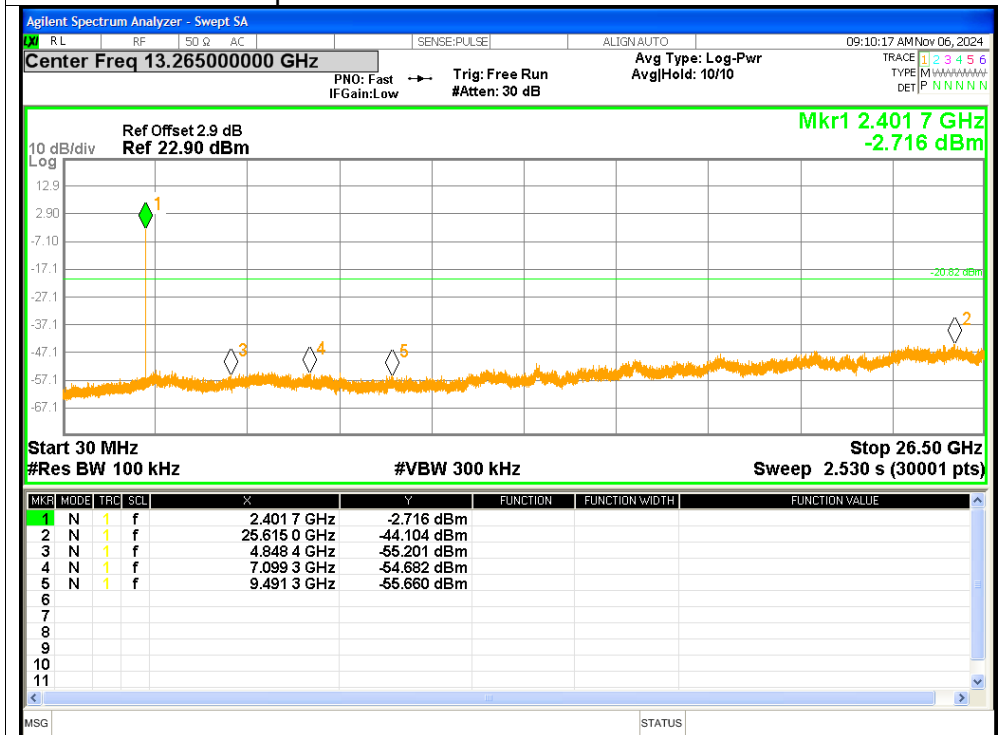




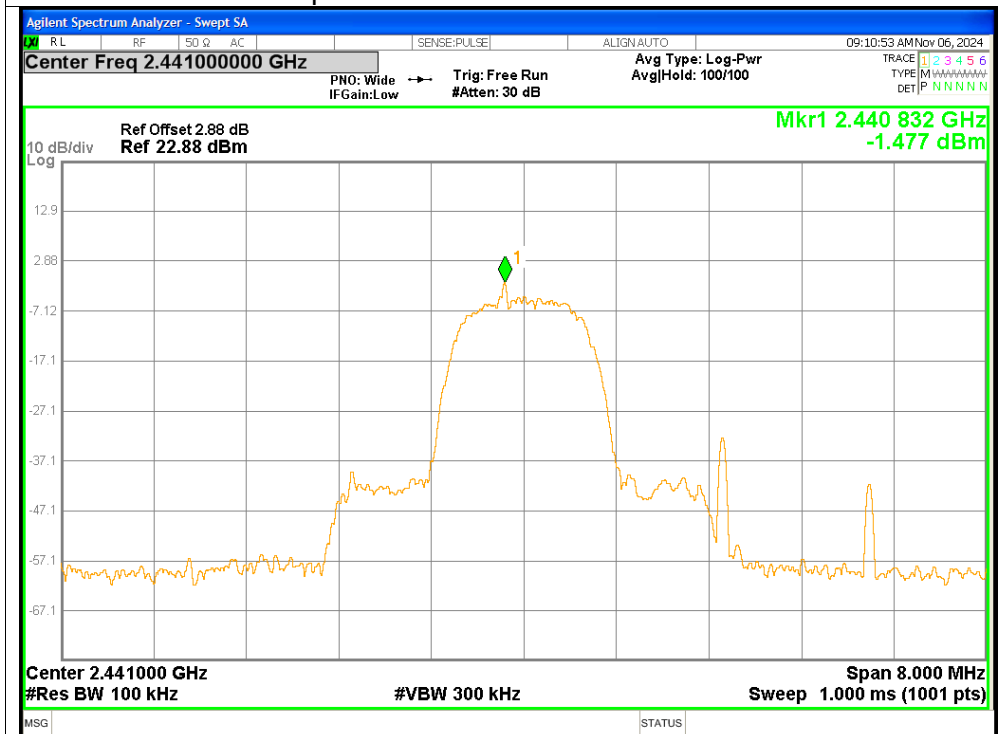
Tx. Spurious NVNT 2-DH5 2402MHz Ref



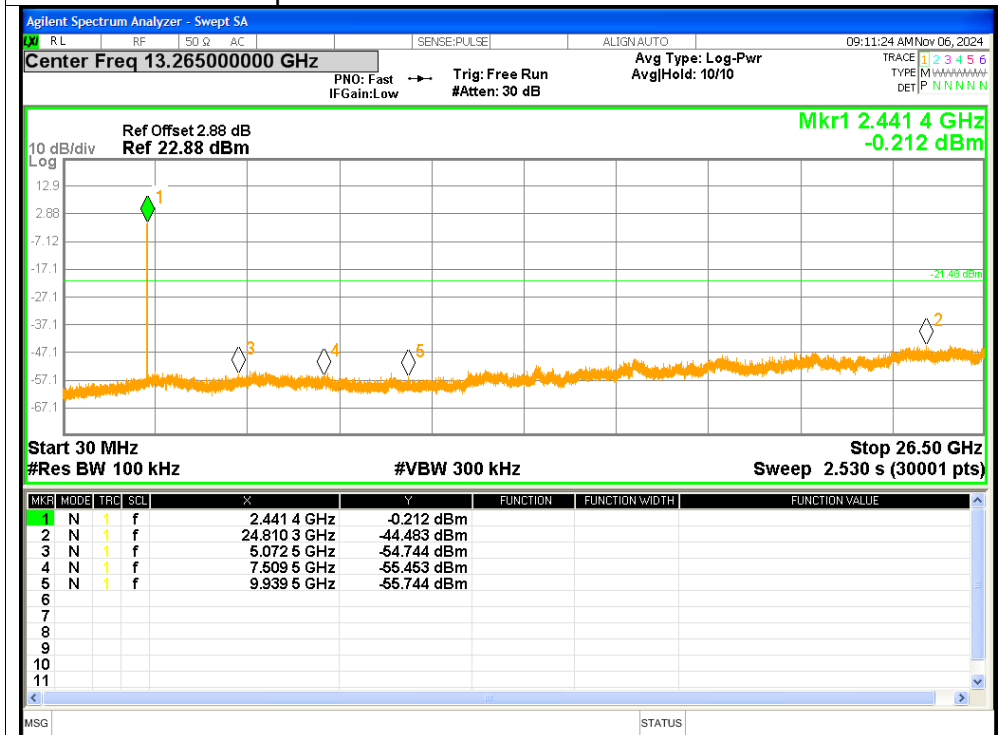
Tx. Spurious NVNT 2-DH5 2402MHz Emission



Tx. Spurious NVNT 2-DH5 2441MHz Ref

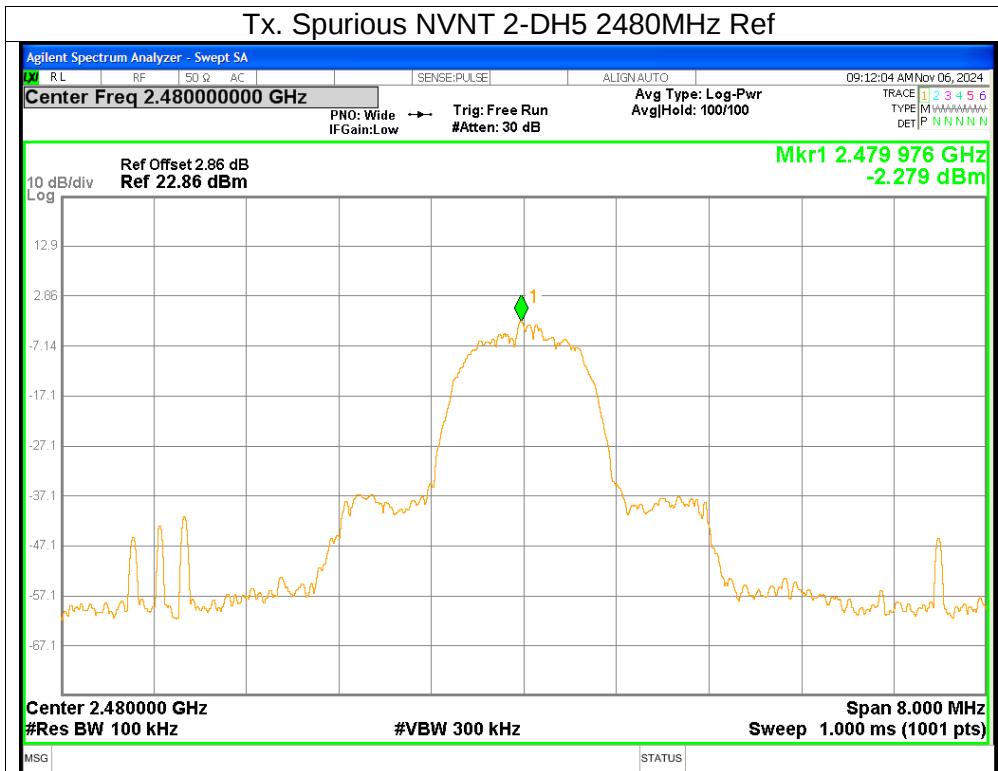


Tx. Spurious NVNT 2-DH5 2441MHz Emission

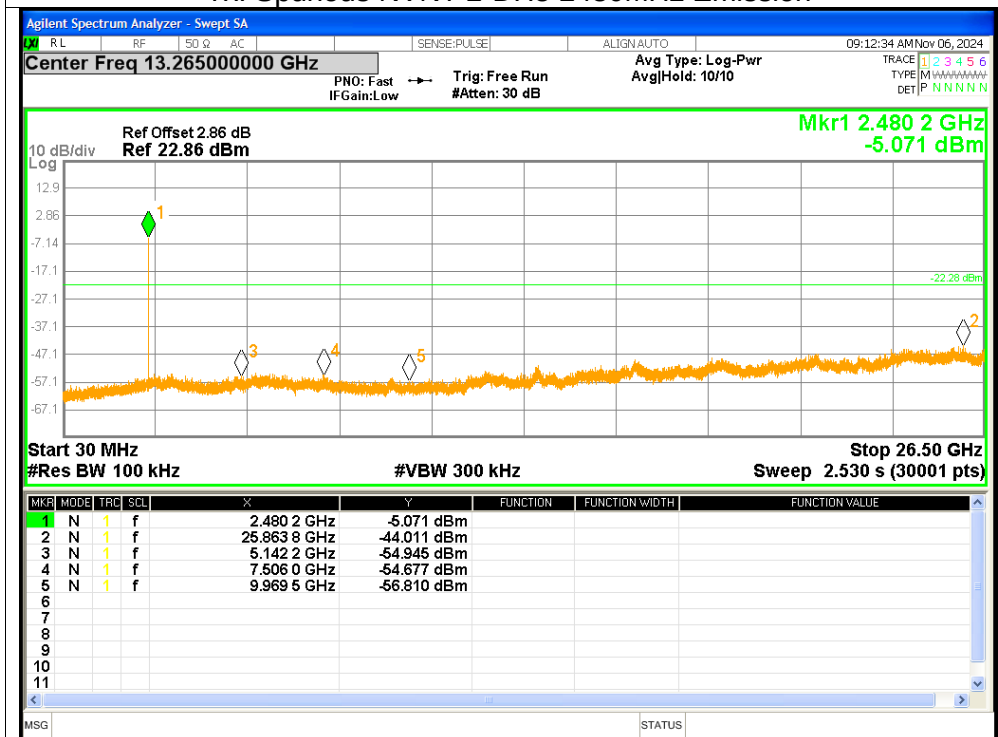




Tx. Spurious NVNT 2-DH5 2480MHz Ref

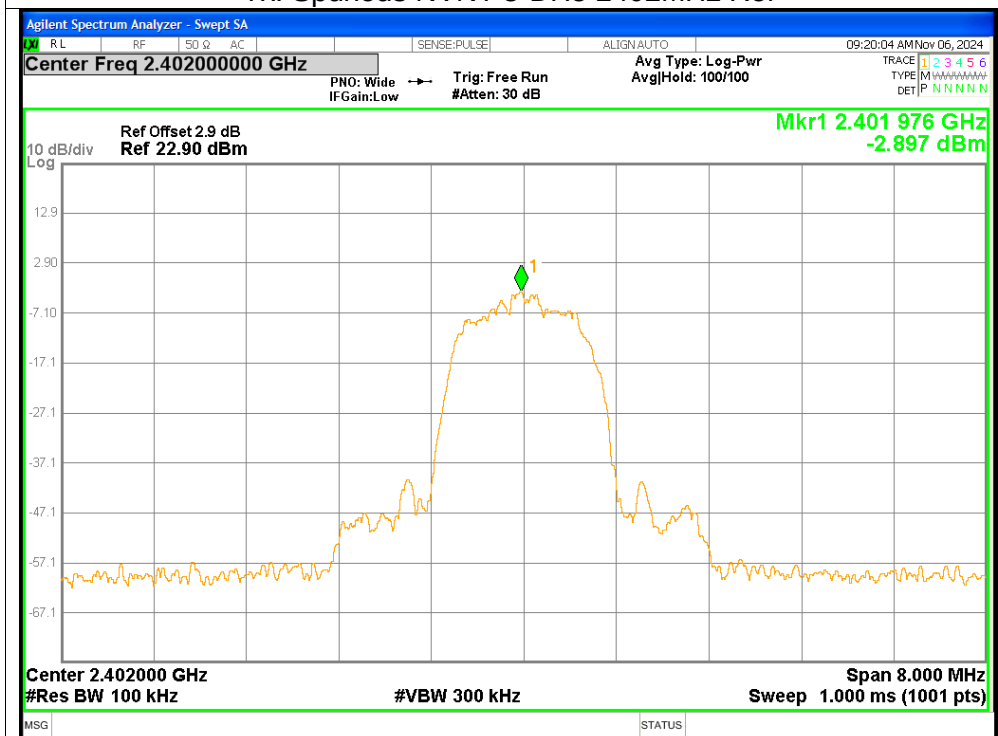


Tx. Spurious NVNT 2-DH5 2480MHz Emission

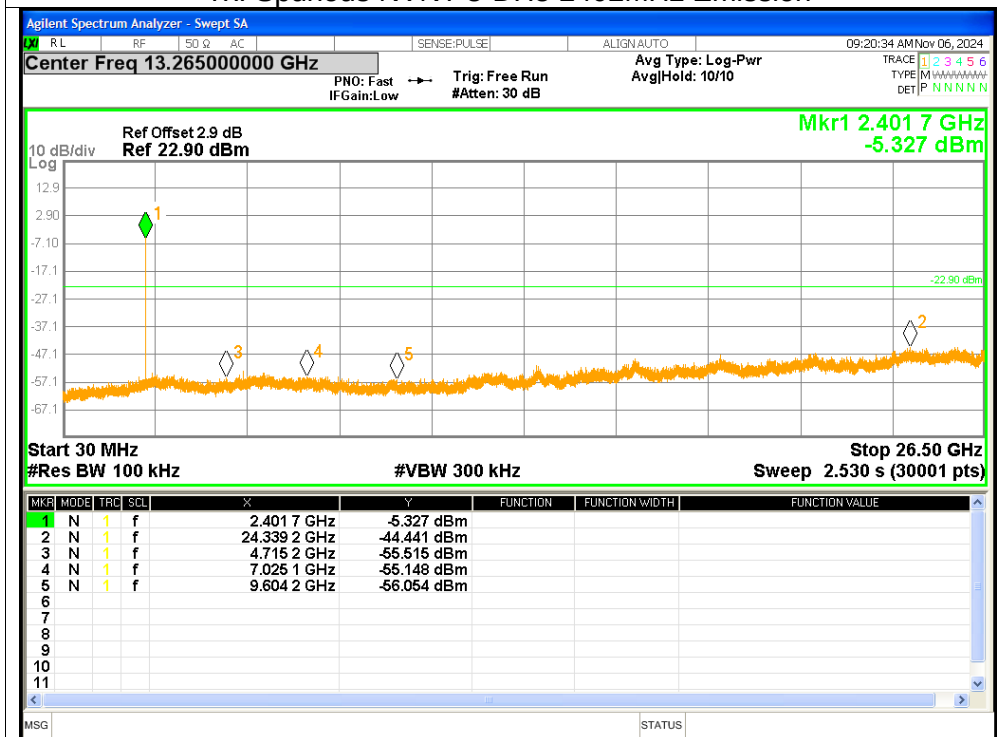




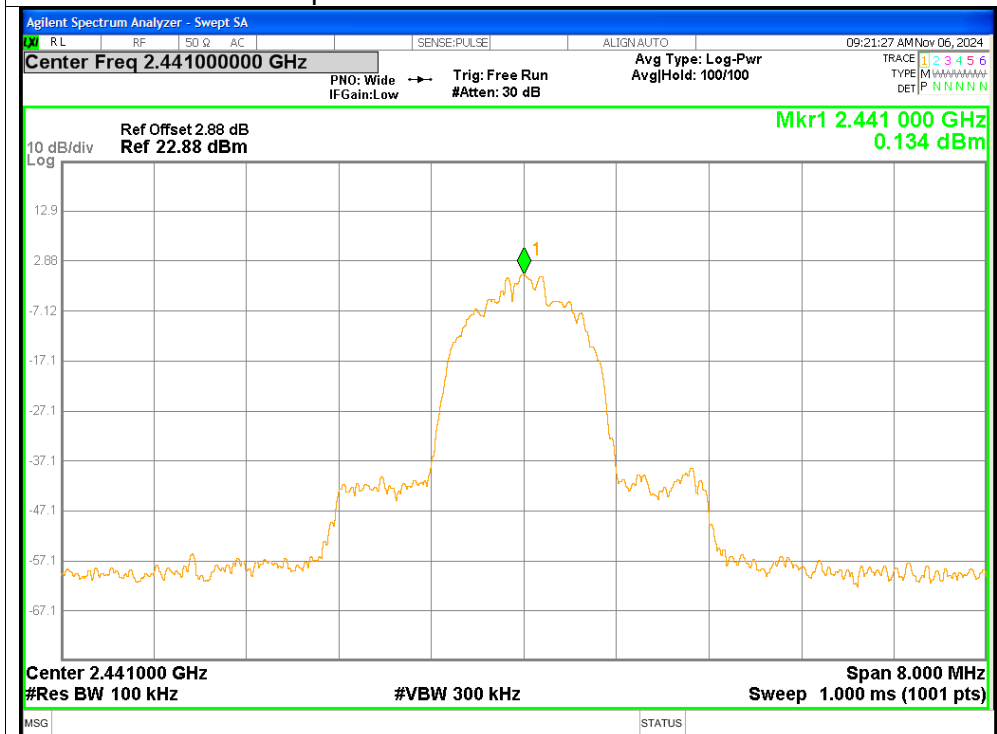
Tx. Spurious NVNT 3-DH5 2402MHz Ref



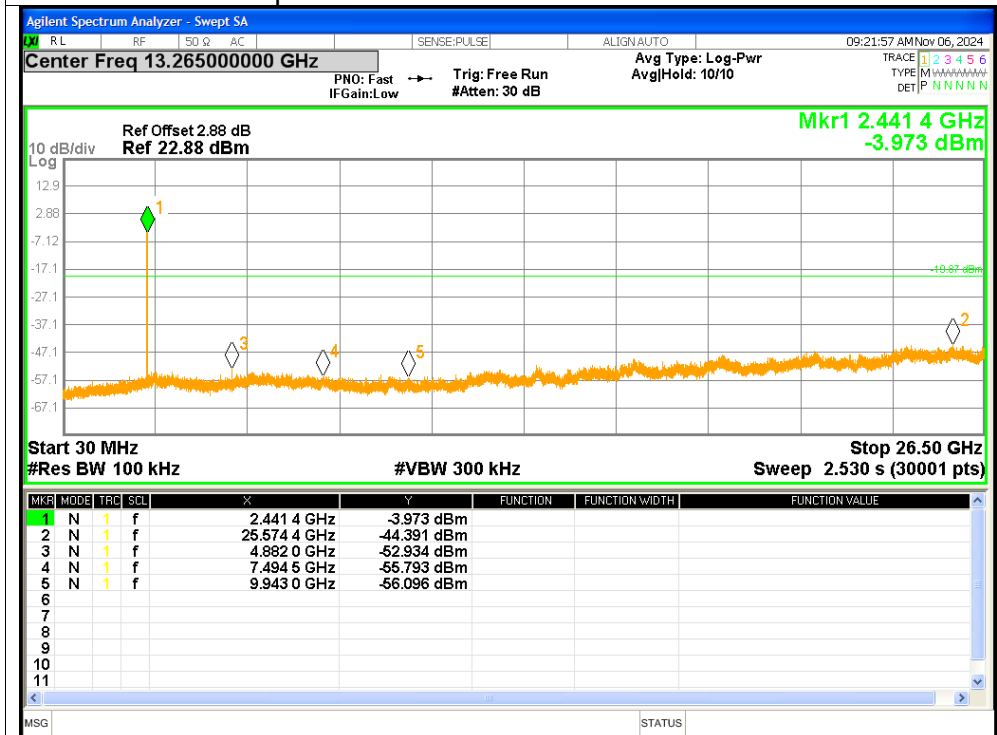
Tx. Spurious NVNT 3-DH5 2402MHz Emission



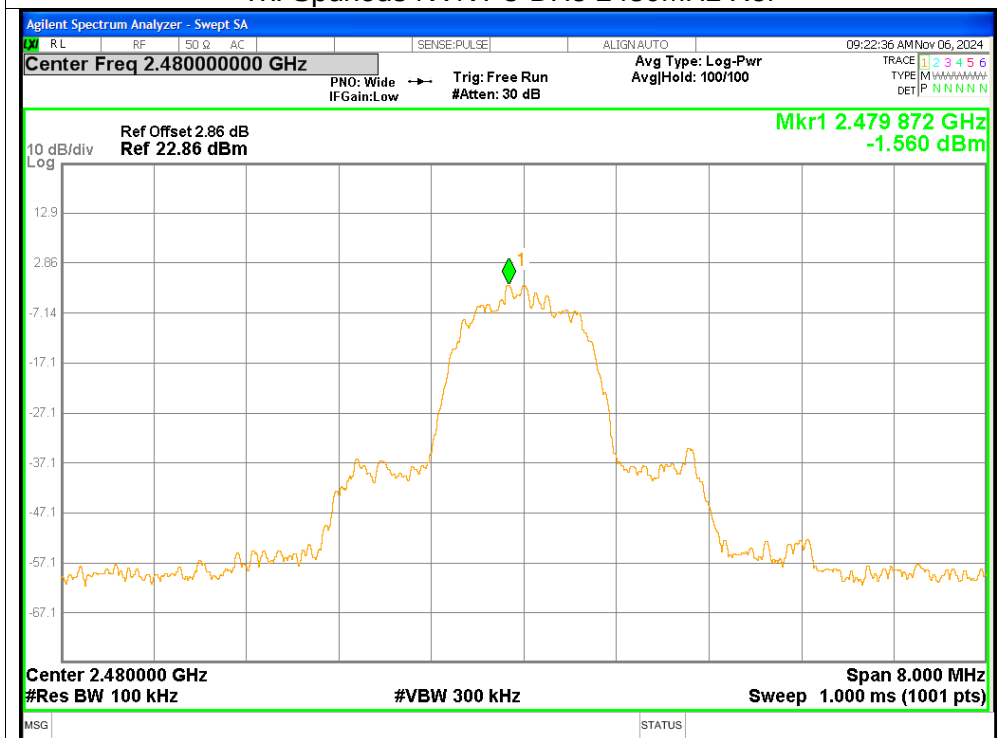
Tx. Spurious NVNT 3-DH5 2441MHz Ref



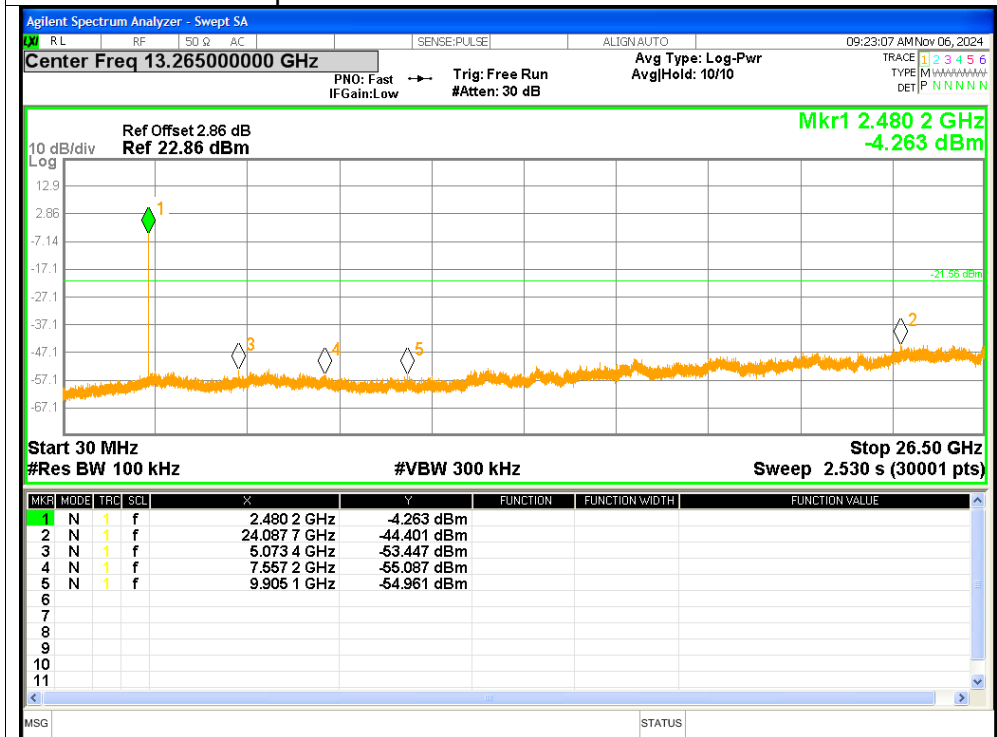
Tx. Spurious NVNT 3-DH5 2441MHz Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ref



Tx. Spurious NVNT 3-DH5 2480MHz Emission





Right

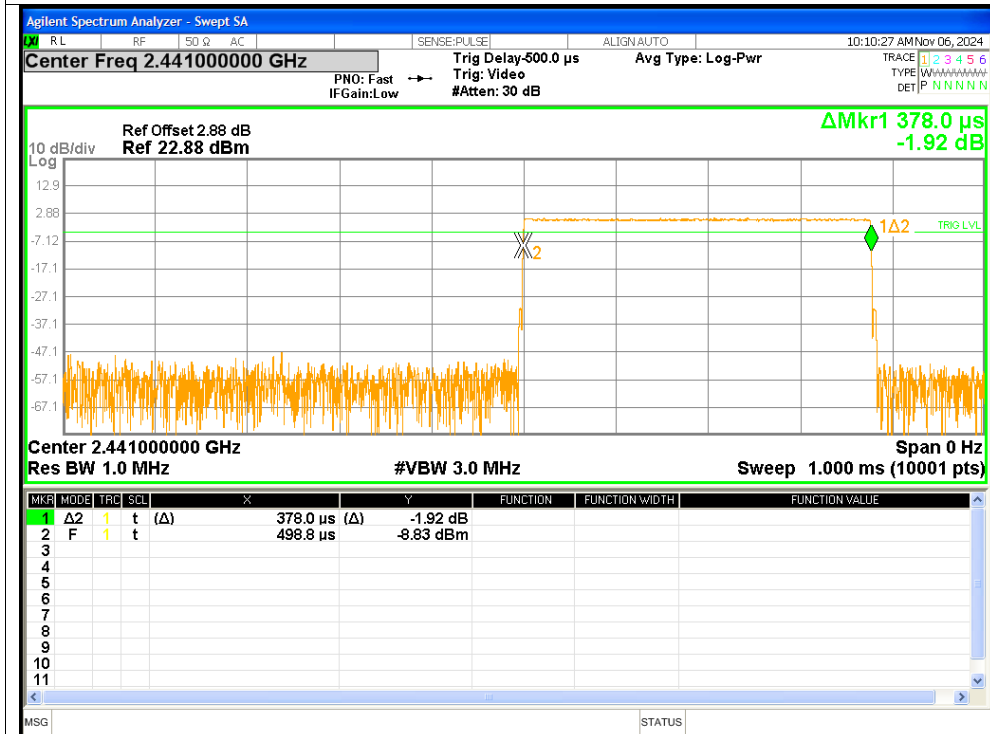
1. Dwell Time

Condition	Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	0.378	118.314	313	31600	<=400	Pass
NVNT	1-DH3	2441	1.634	258.172	158	31600	<=400	Pass
NVNT	1-DH5	2441	2.882	308.374	107	31600	<=400	Pass
NVNT	2-DH1	2441	0.385	119.735	311	31600	<=400	Pass
NVNT	2-DH3	2441	1.637	260.283	159	31600	<=400	Pass
NVNT	2-DH5	2441	2.885	311.58	108	31600	<=400	Pass
NVNT	3-DH1	2441	0.386	121.976	316	31600	<=400	Pass
NVNT	3-DH3	2441	1.636	263.396	161	31600	<=400	Pass
NVNT	3-DH5	2441	2.887	311.796	108	31600	<=400	Pass



Test Graphs

Dwell NVNT 1-DH1 2441MHz One Burst

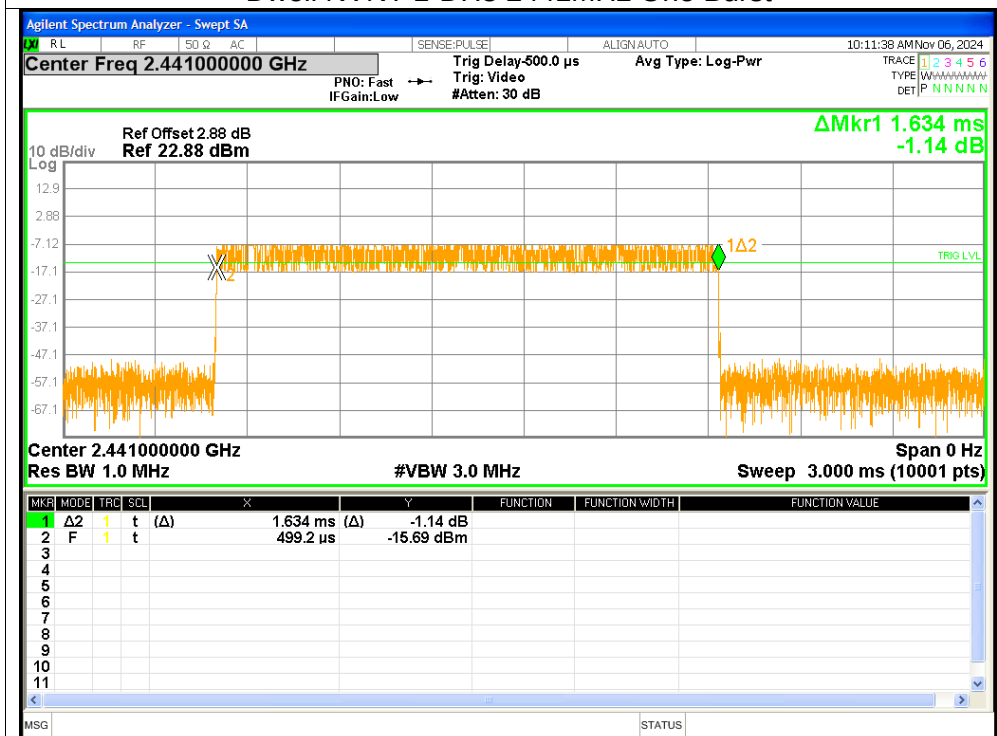


Dwell NVNT 1-DH1 2441MHz Accumulated

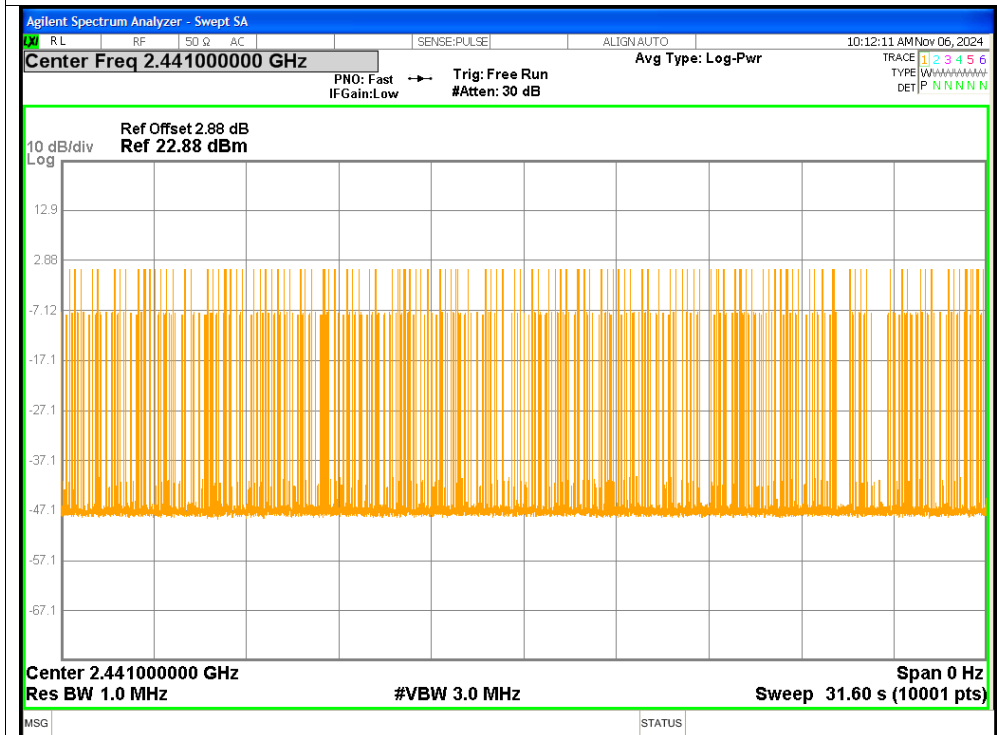




Dwell NVNT 1-DH3 2441MHz One Burst

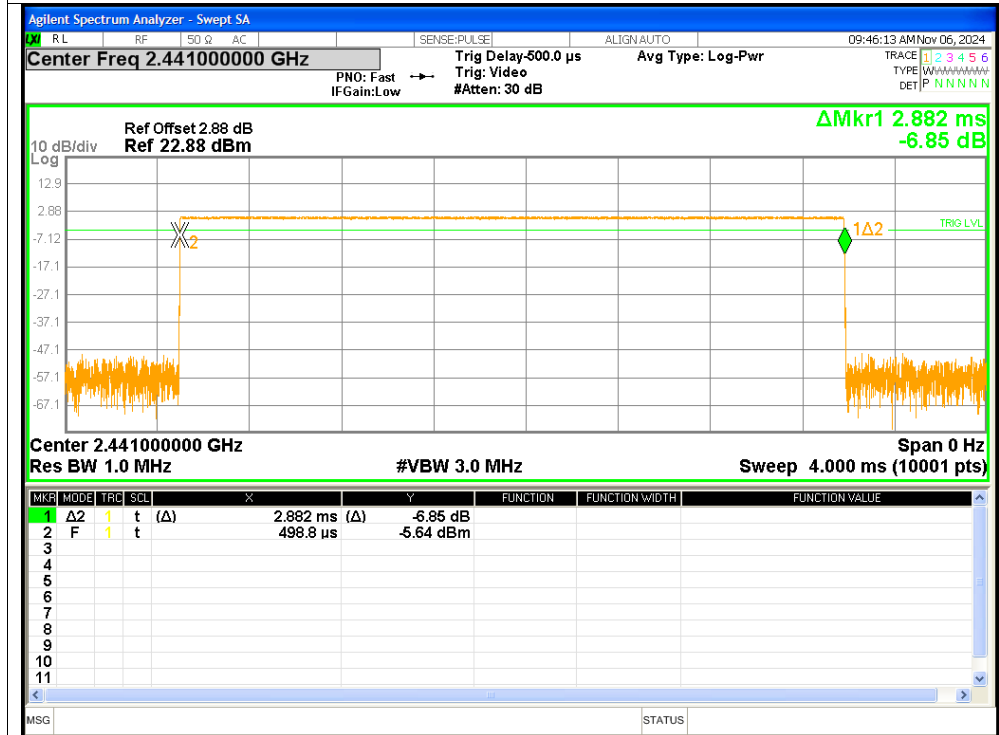


Dwell NVNT 1-DH3 2441MHz Accumulated

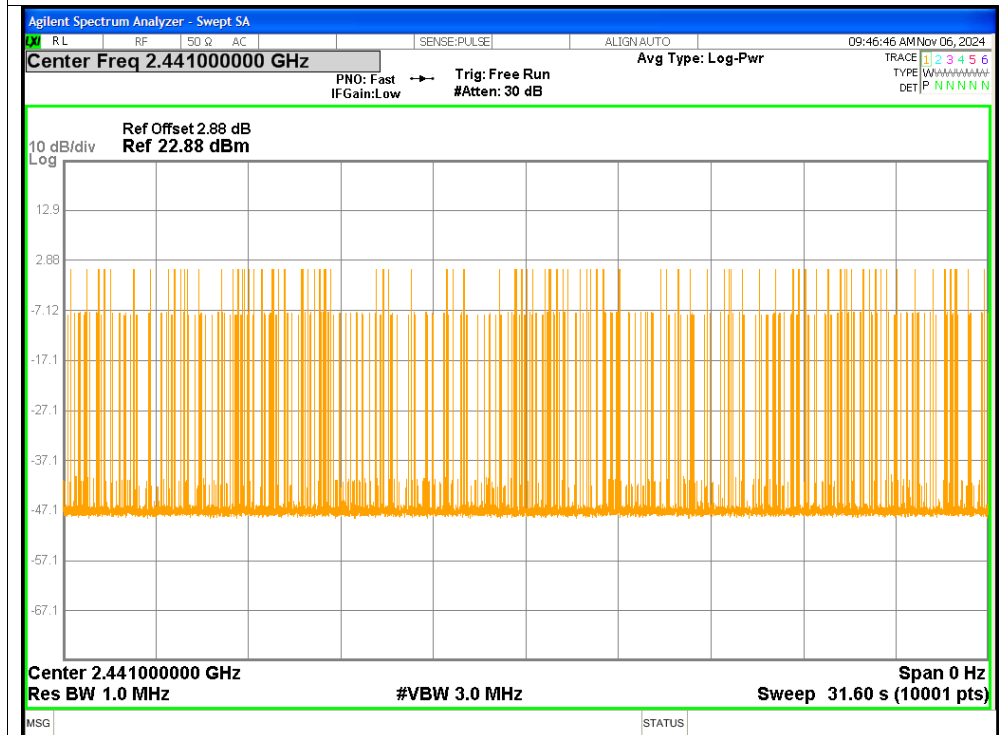




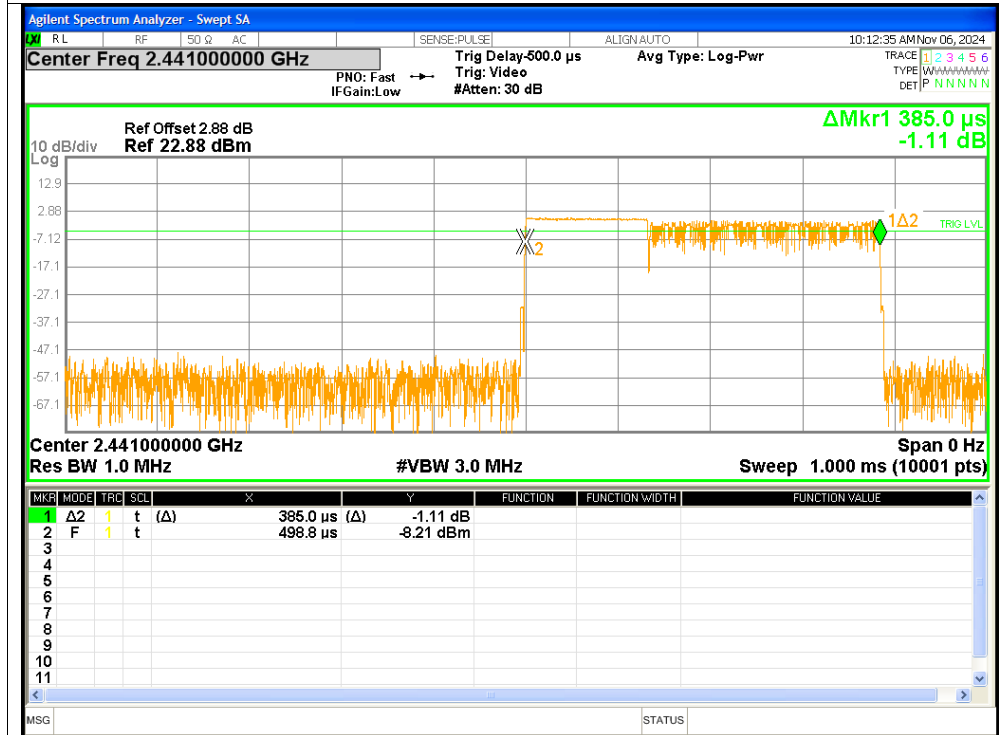
Dwell NVNT 1-DH5 2441MHz One Burst



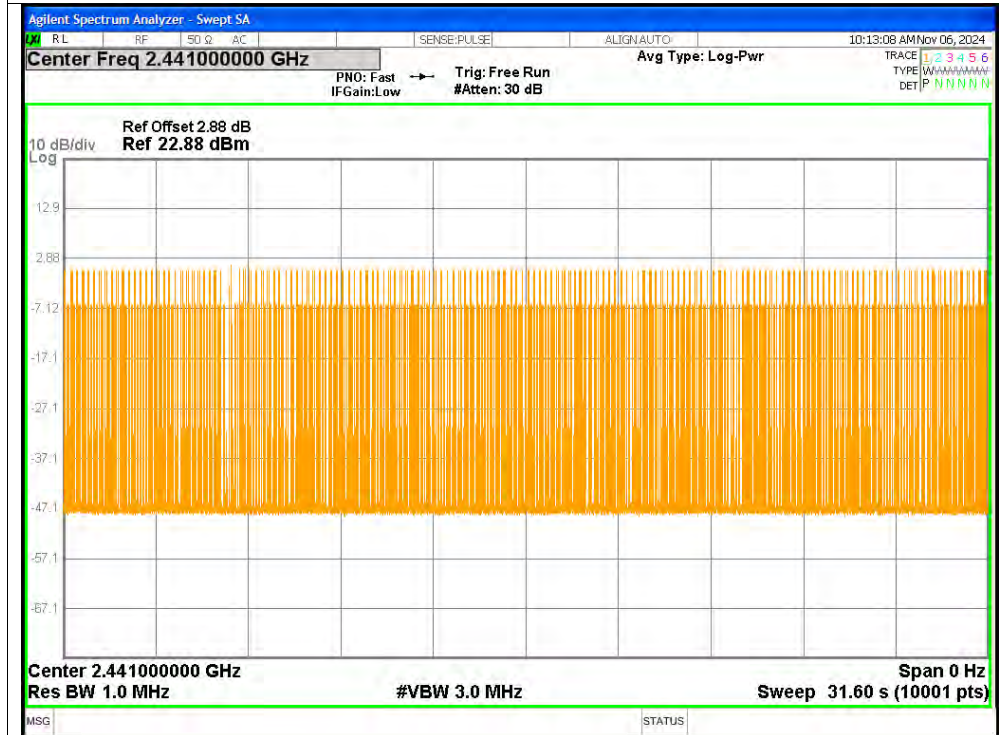
Dwell NVNT 1-DH5 2441MHz Accumulated



Dwell NVNT 2-DH1 2441MHz One Burst

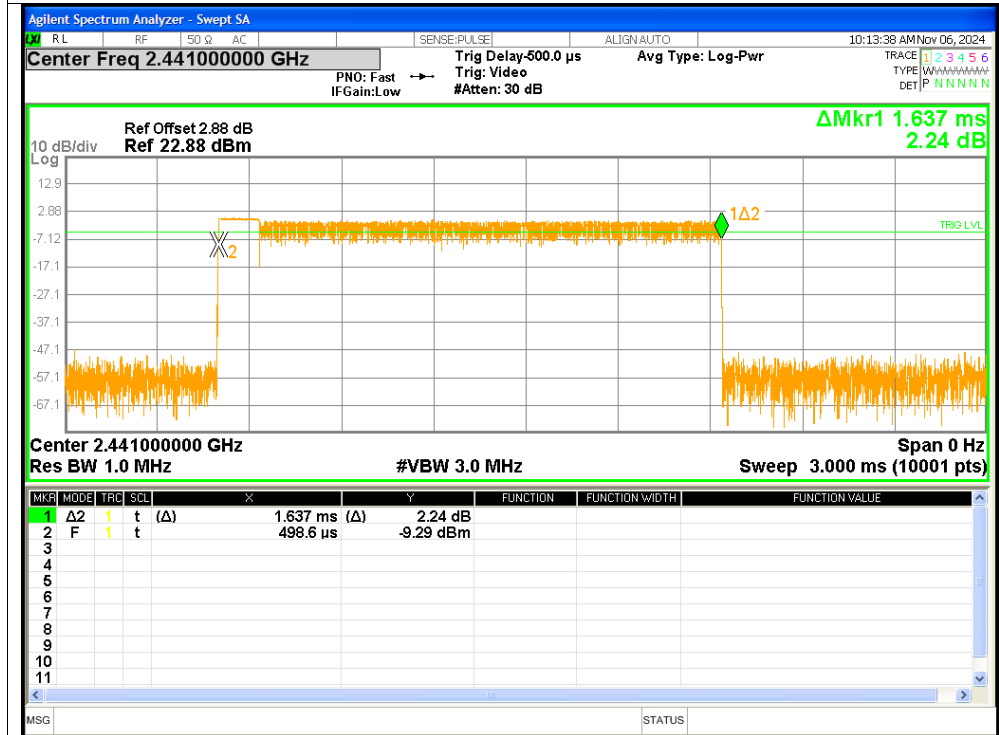


Dwell NVNT 2-DH1 2441MHz Accumulated

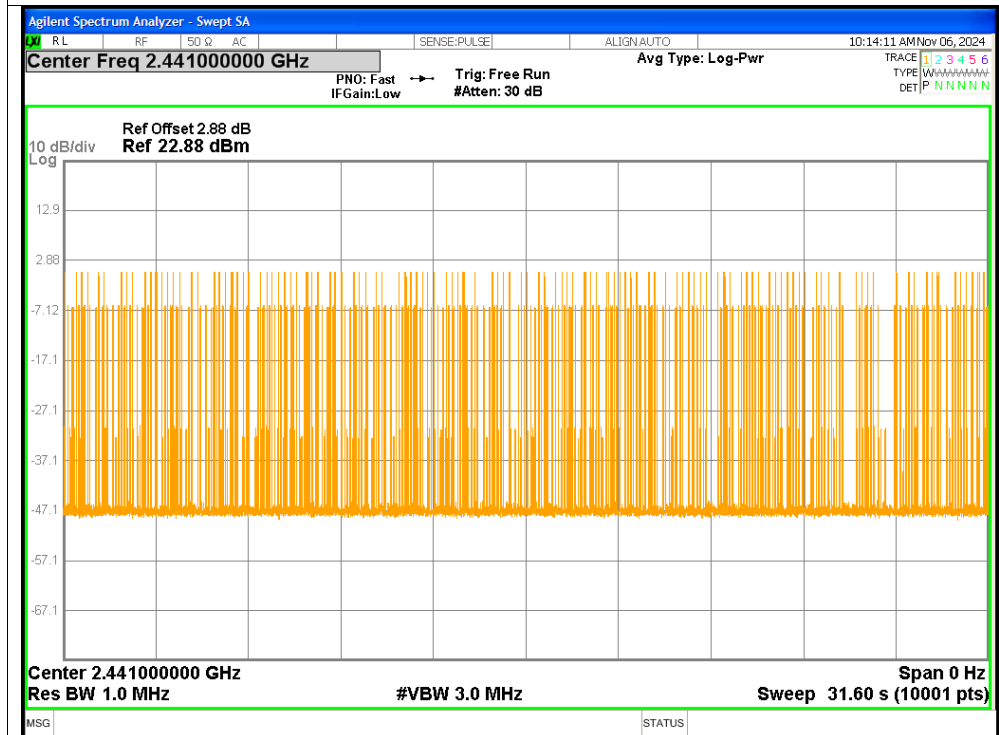




Dwell NVNT 2-DH3 2441MHz One Burst

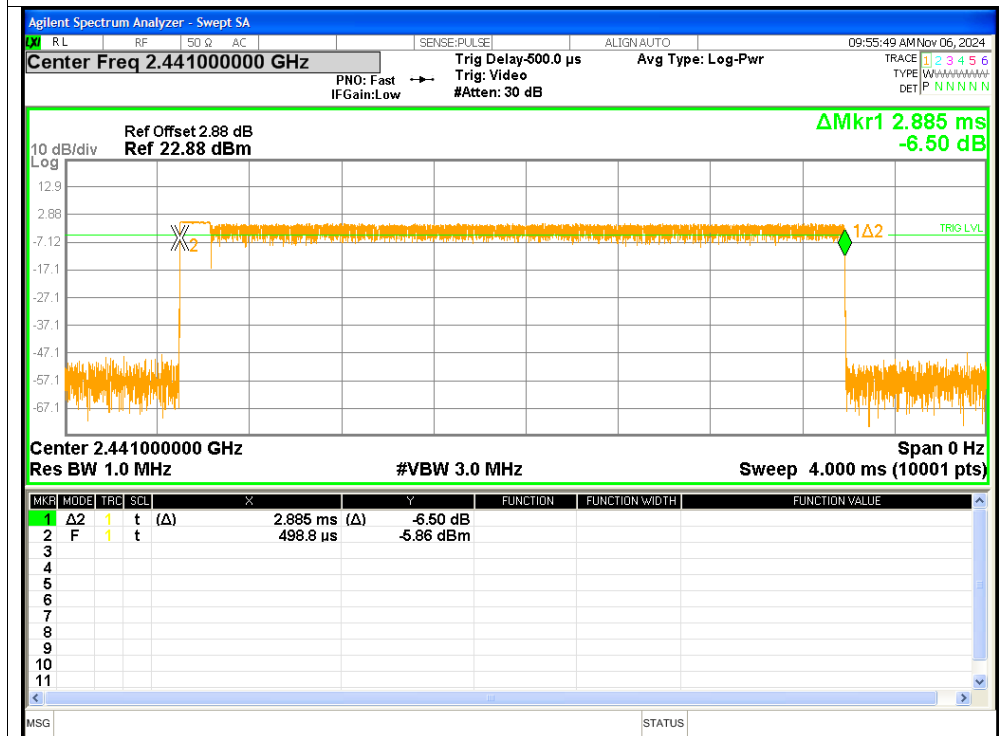


Dwell NVNT 2-DH3 2441MHz Accumulated

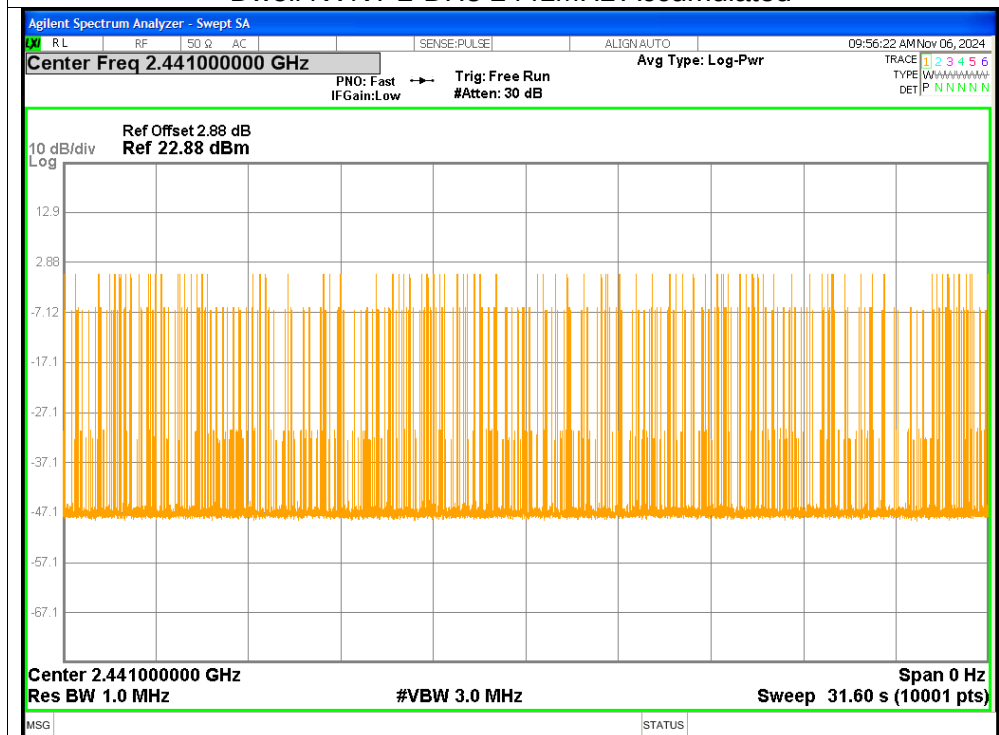




Dwell NVNT 2-DH5 2441MHz One Burst

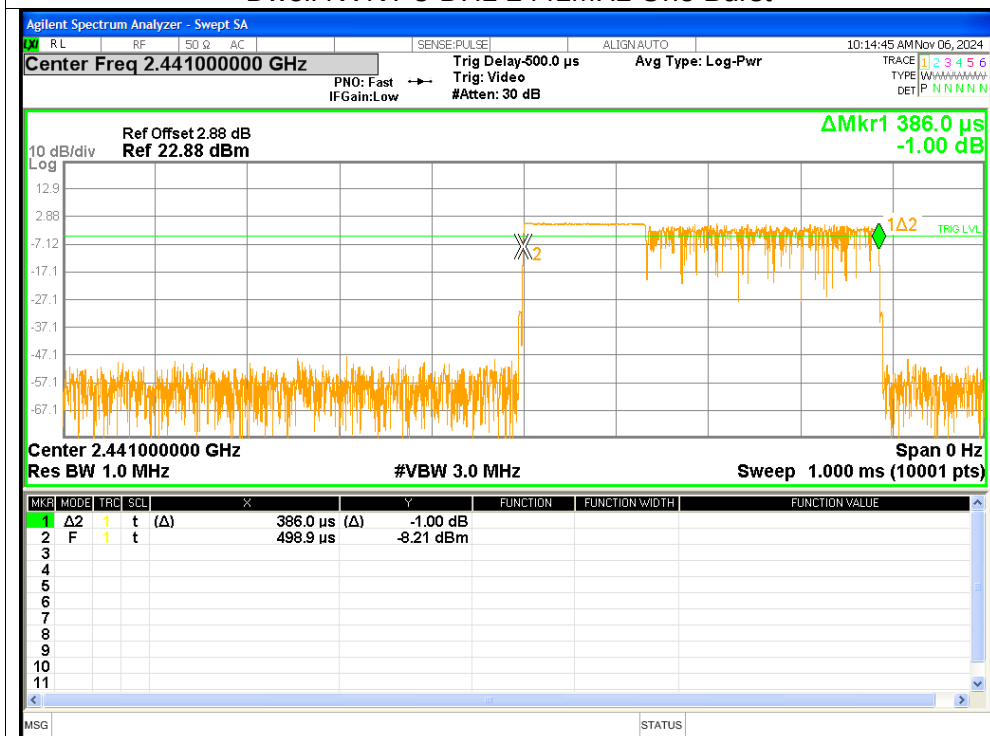


Dwell NVNT 2-DH5 2441MHz Accumulated

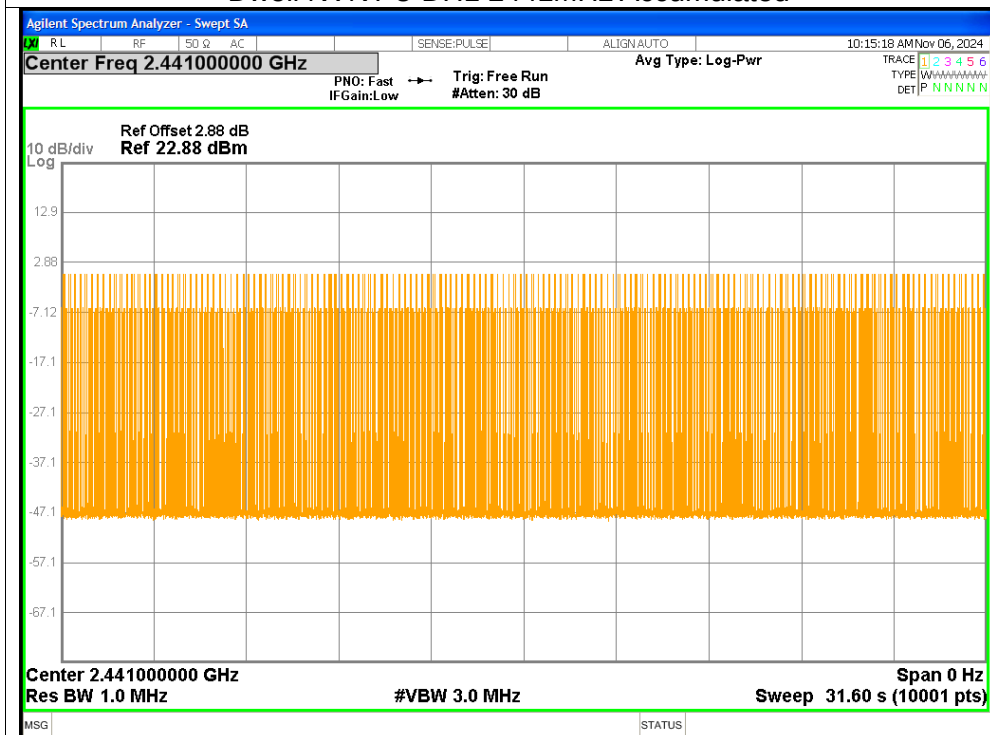




Dwell NVNT 3-DH1 2441MHz One Burst



Dwell NVNT 3-DH1 2441MHz Accumulated

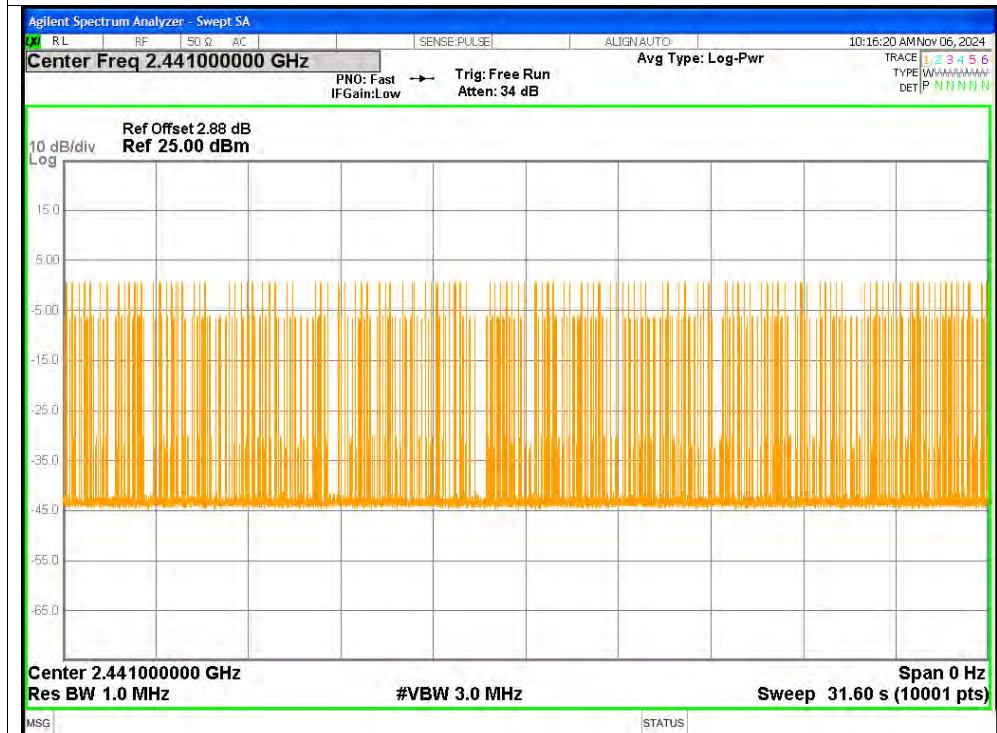




Dwell NVNT 3-DH3 2441MHz One Burst

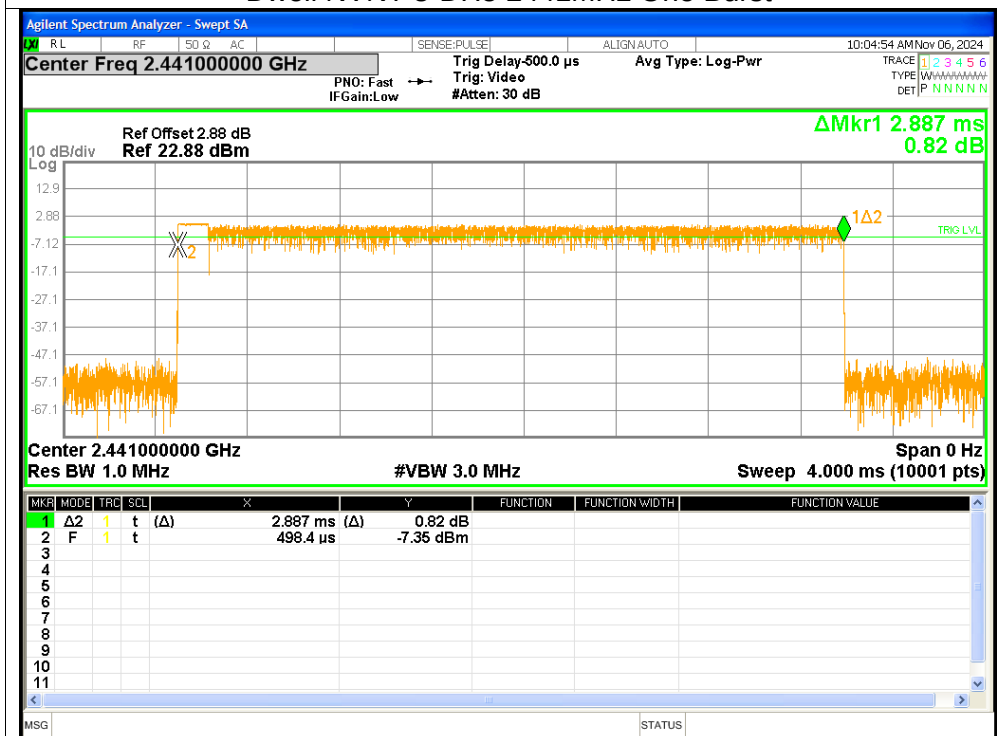


Dwell NVNT 3-DH3 2441MHz Accumulated

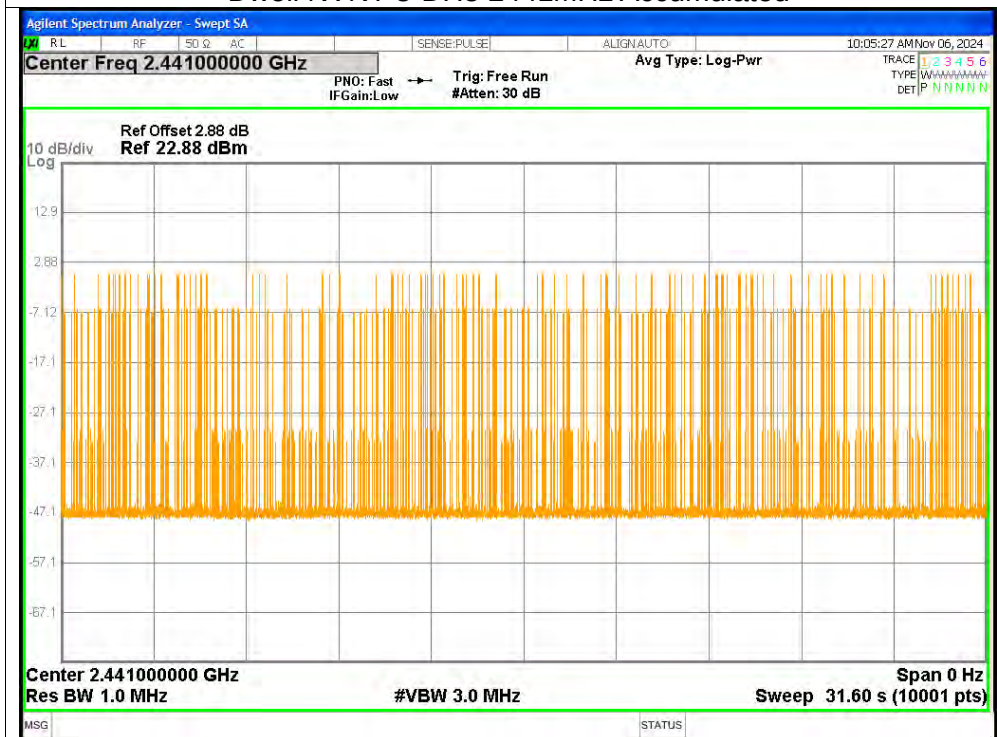




Dwell NVNT 3-DH5 2441MHz One Burst



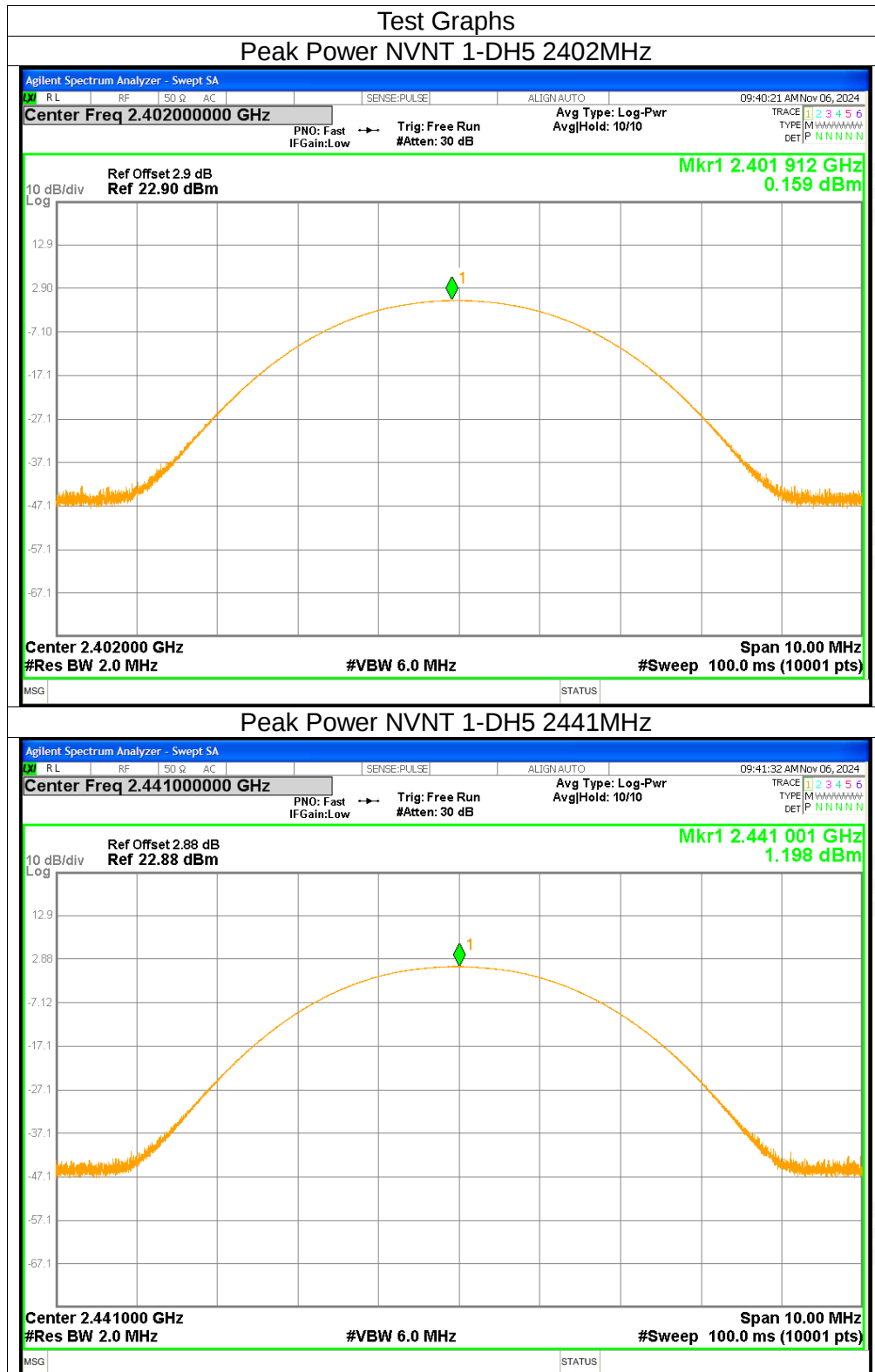
Dwell NVNT 3-DH5 2441MHz Accumulated



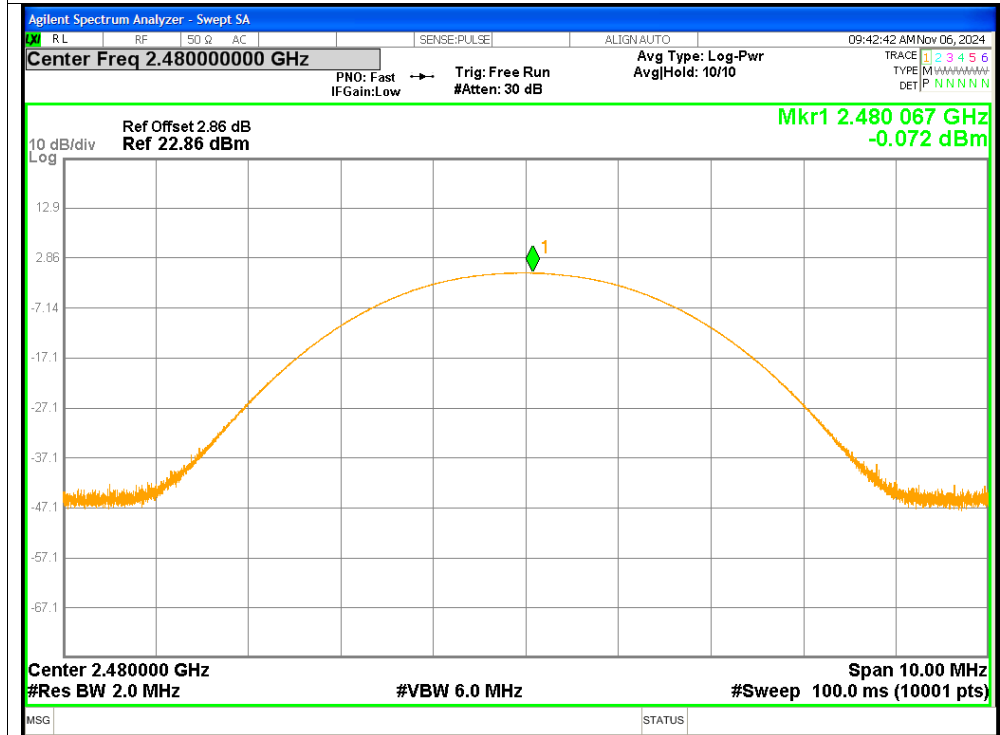


2. Maximum Peak Conducted Output Power

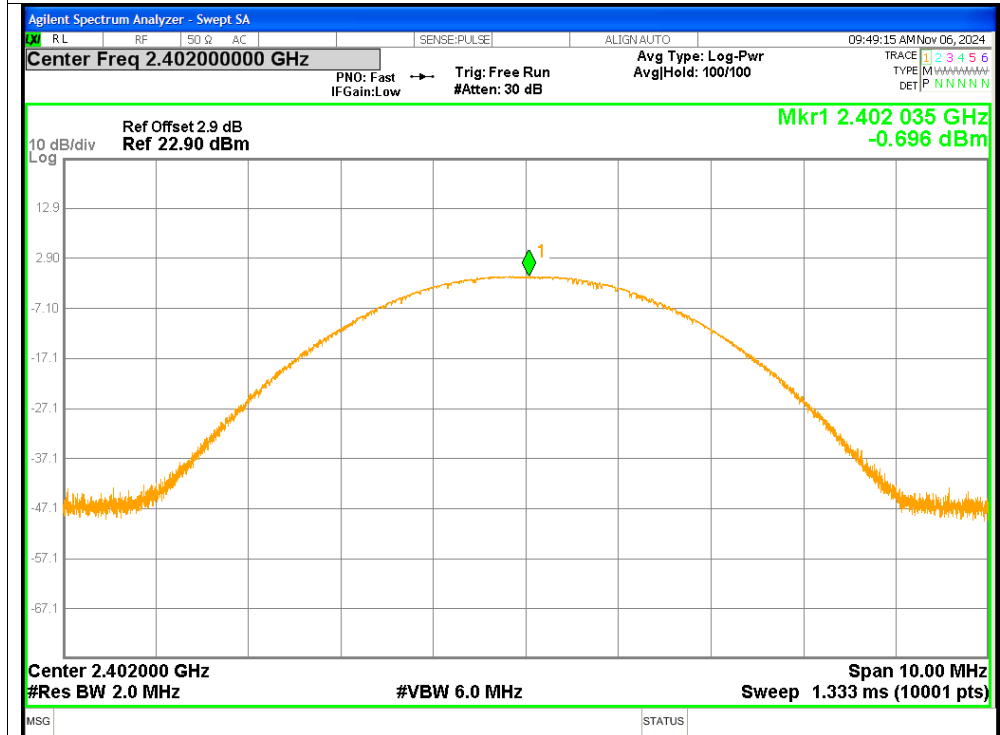
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	0.16	<=21	Pass
NVNT	1-DH5	2441	1.2	<=21	Pass
NVNT	1-DH5	2480	-0.07	<=21	Pass
NVNT	2-DH5	2402	-0.7	<=21	Pass
NVNT	2-DH5	2441	0.53	<=21	Pass
NVNT	2-DH5	2480	-0.12	<=21	Pass
NVNT	3-DH5	2402	-0.73	<=21	Pass
NVNT	3-DH5	2441	0.49	<=21	Pass
NVNT	3-DH5	2480	-0.22	<=21	Pass



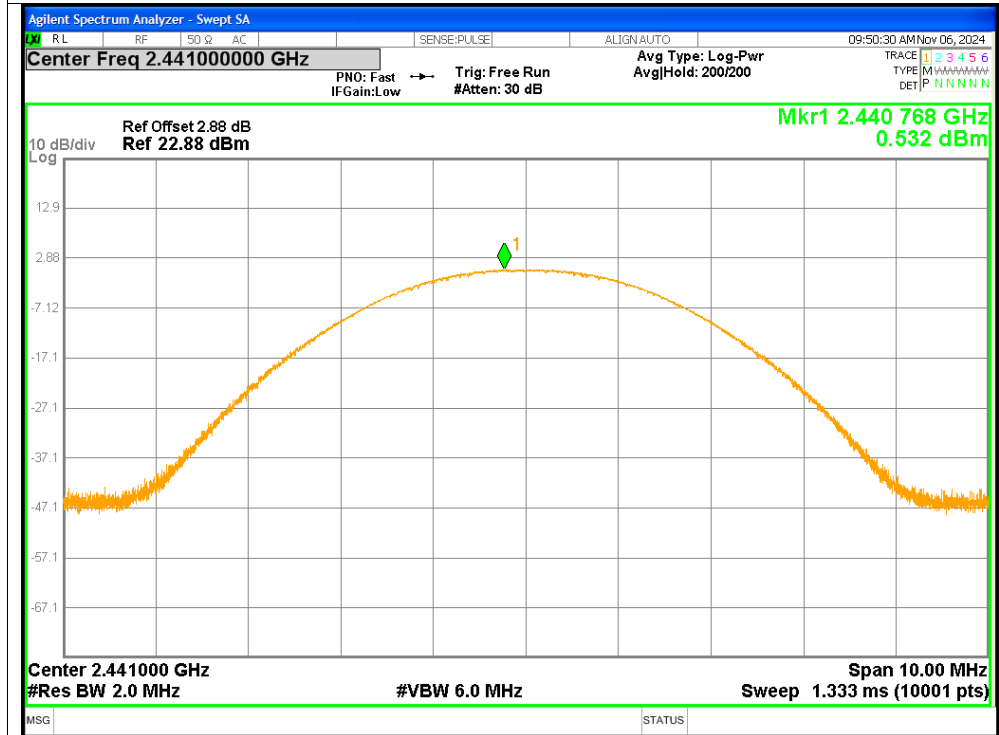
Peak Power NVNT 1-DH5 2480MHz



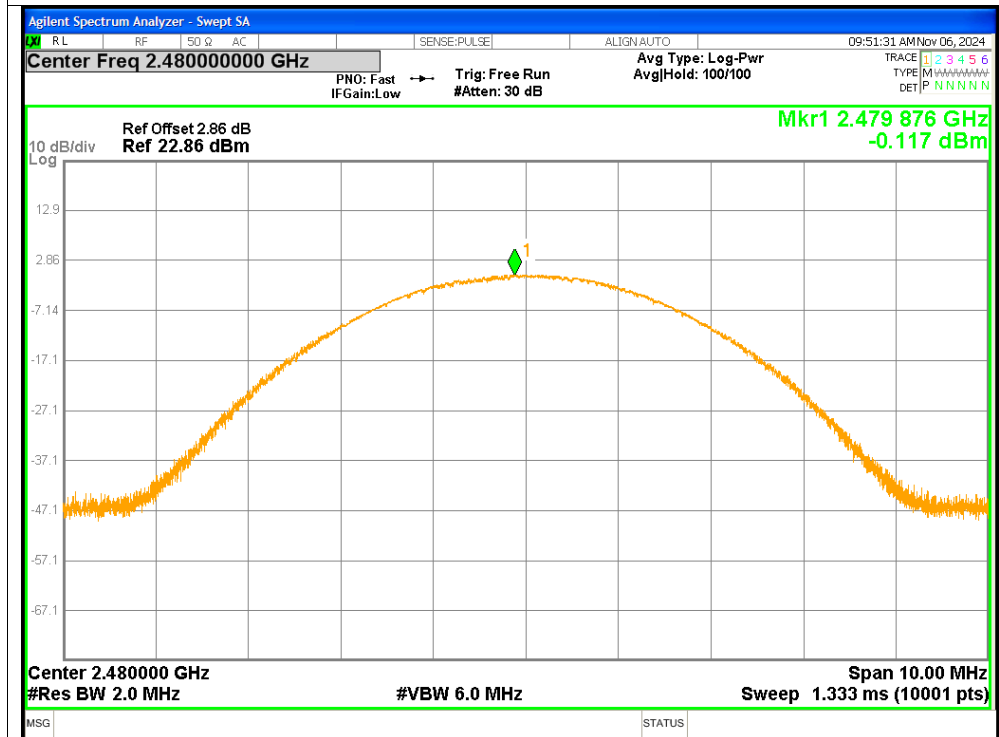
Peak Power NVNT 2-DH5 2402MHz



Peak Power NVNT 2-DH5 2441MHz

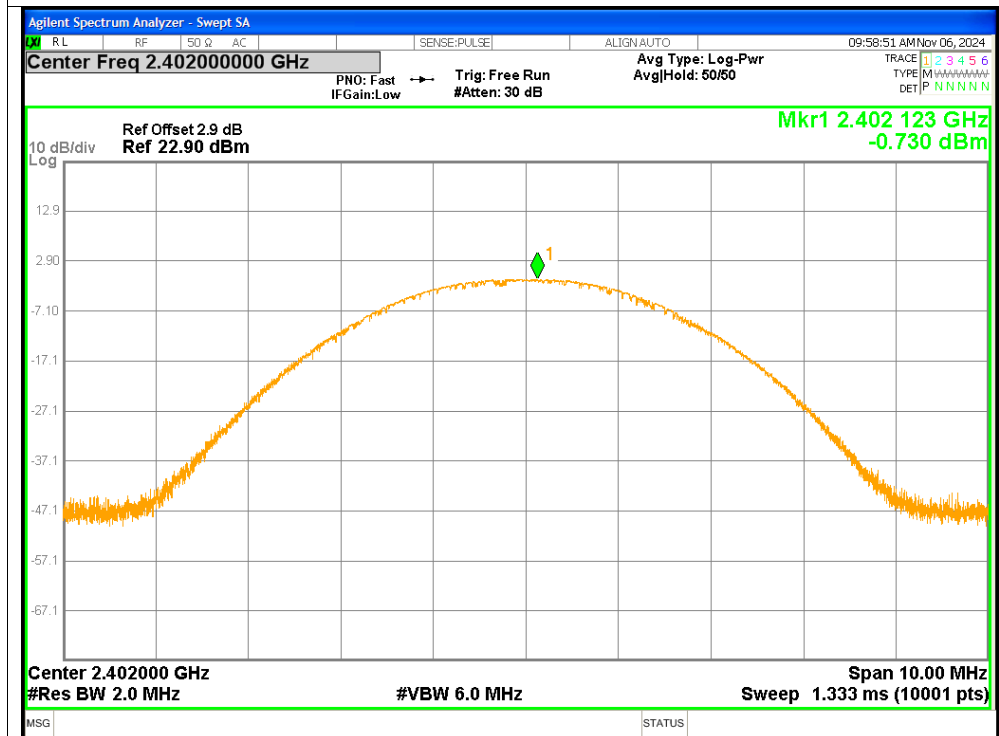


Peak Power NVNT 2-DH5 2480MHz

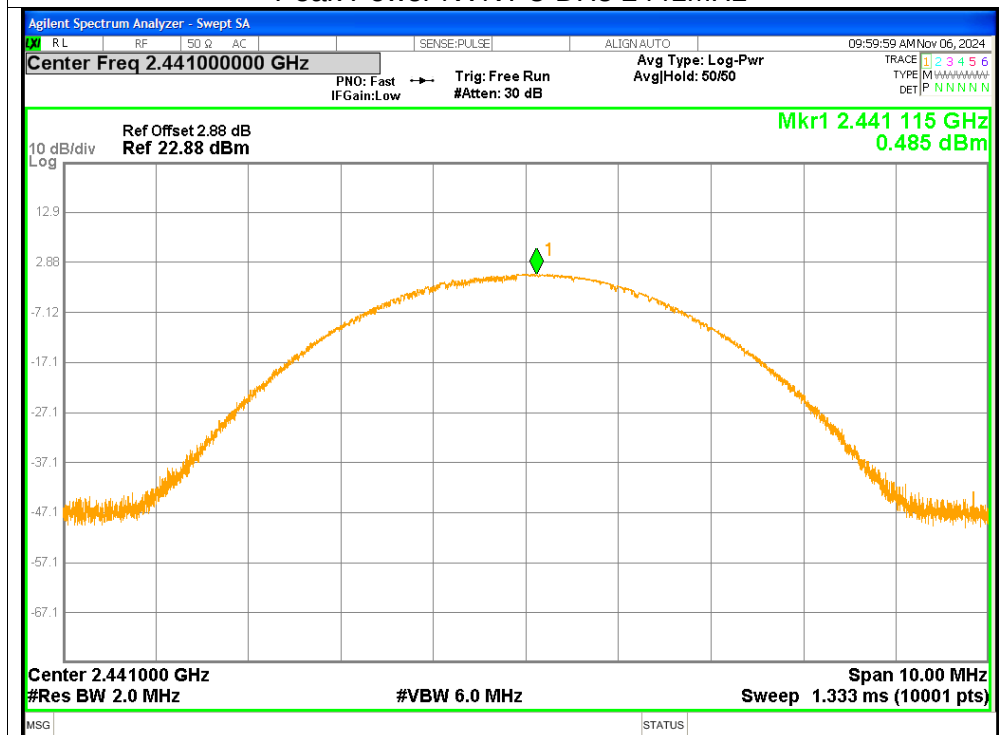


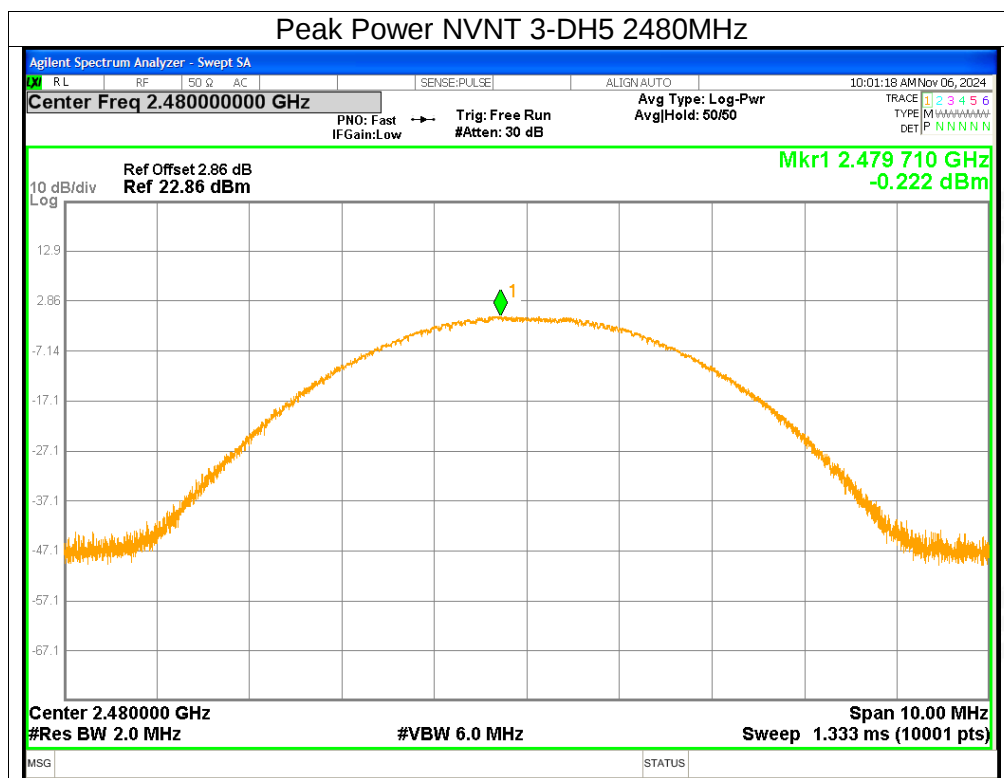


Peak Power NVNT 3-DH5 2402MHz



Peak Power NVNT 3-DH5 2441MHz







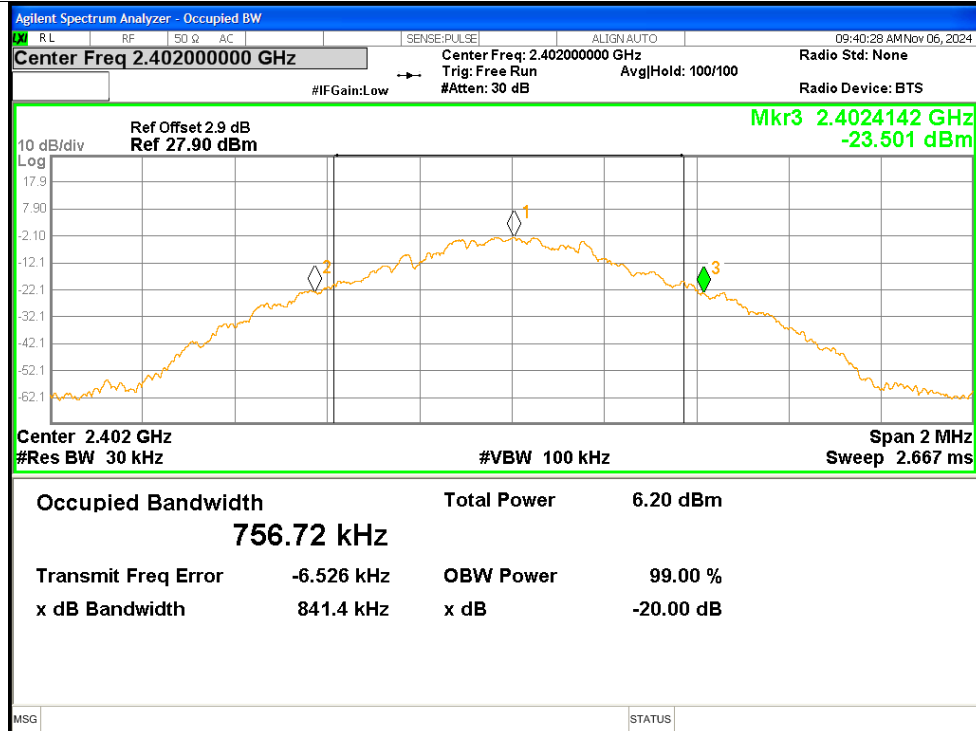
3. -20dB Bandwidth

Condition	Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	0.8414	Pass
NVNT	1-DH5	2441	0.8547	Pass
NVNT	1-DH5	2480	0.8473	Pass
NVNT	2-DH5	2402	1.2836	Pass
NVNT	2-DH5	2441	1.2686	Pass
NVNT	2-DH5	2480	1.2763	Pass
NVNT	3-DH5	2402	1.2688	Pass
NVNT	3-DH5	2441	1.2659	Pass
NVNT	3-DH5	2480	1.2811	Pass

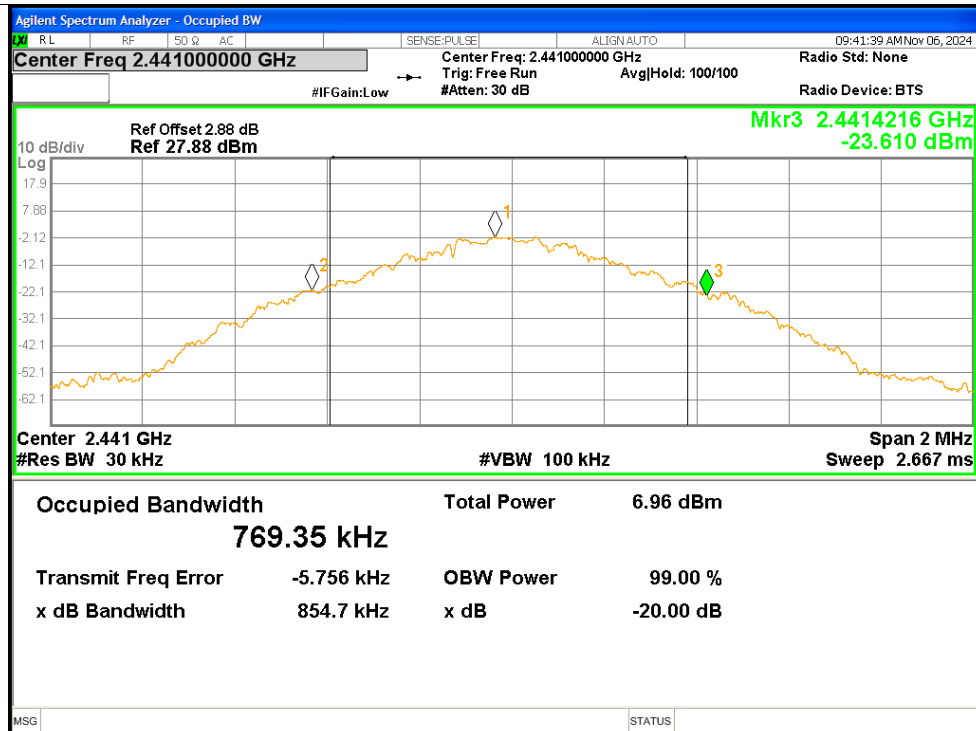


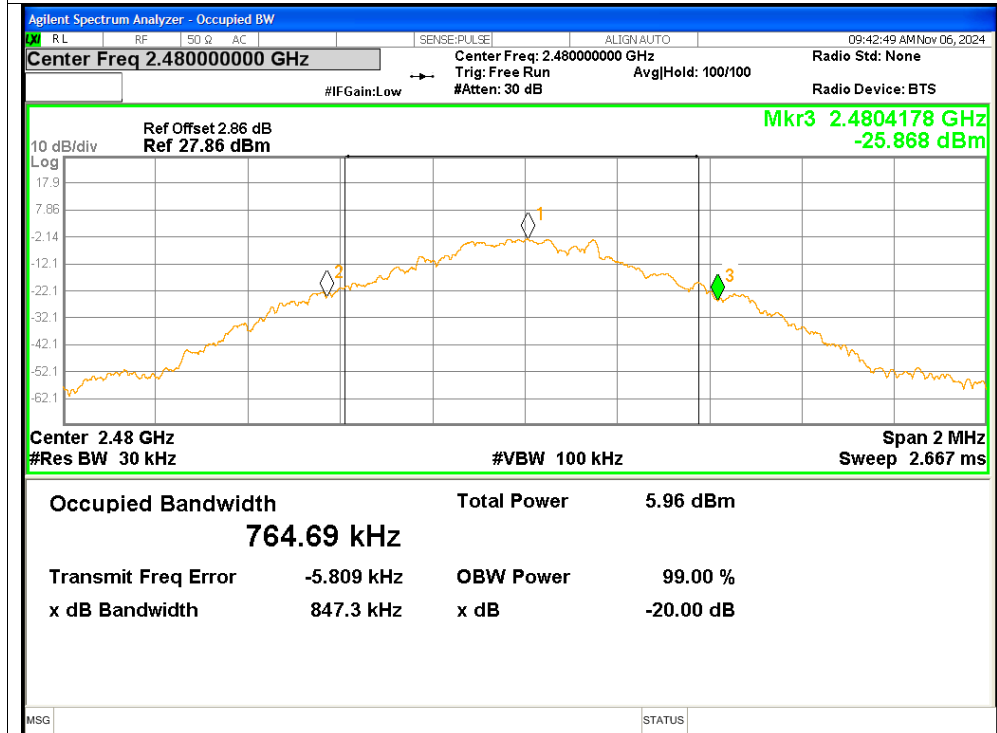
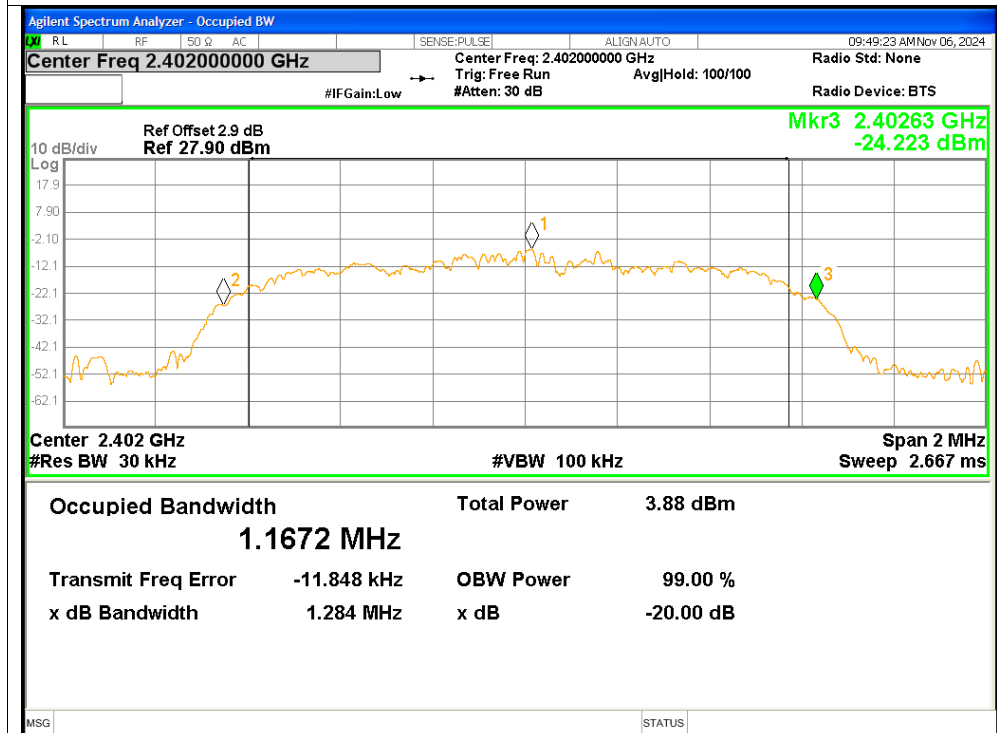
Test Graphs

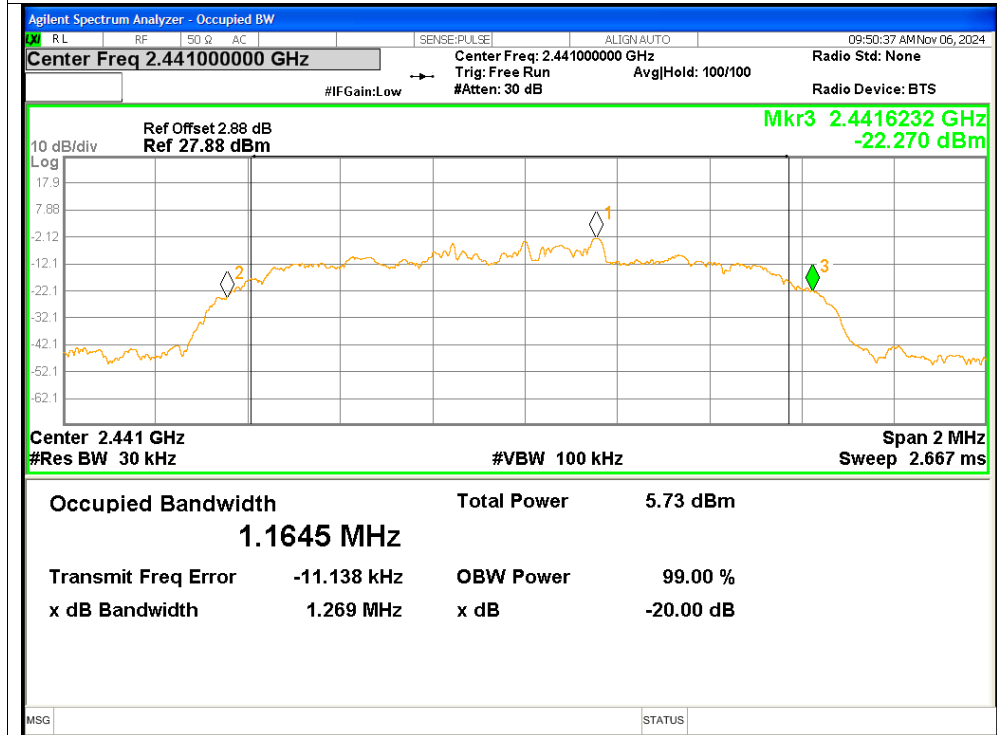
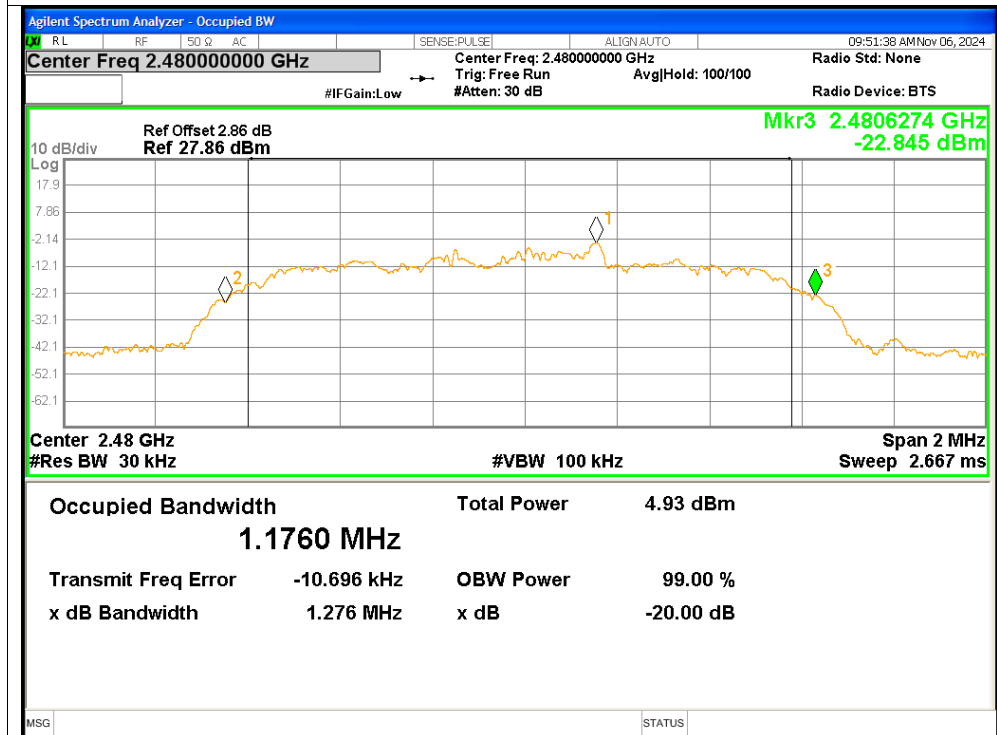
-20dB Bandwidth NVNT 1-DH5 2402MHz



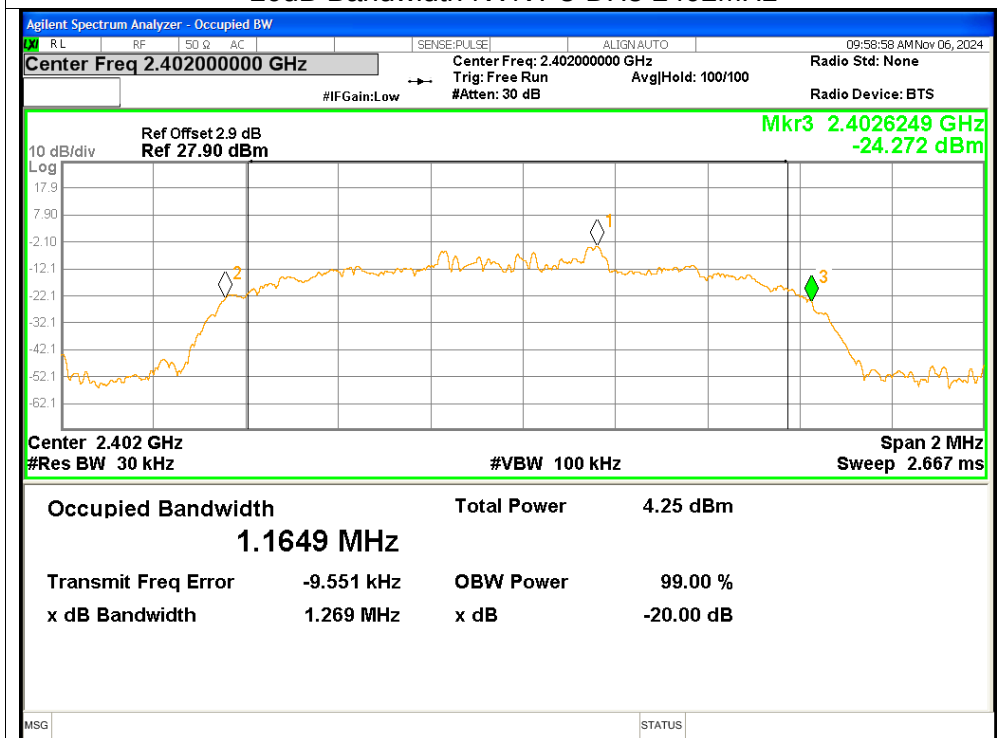
-20dB Bandwidth NVNT 1-DH5 2441MHz



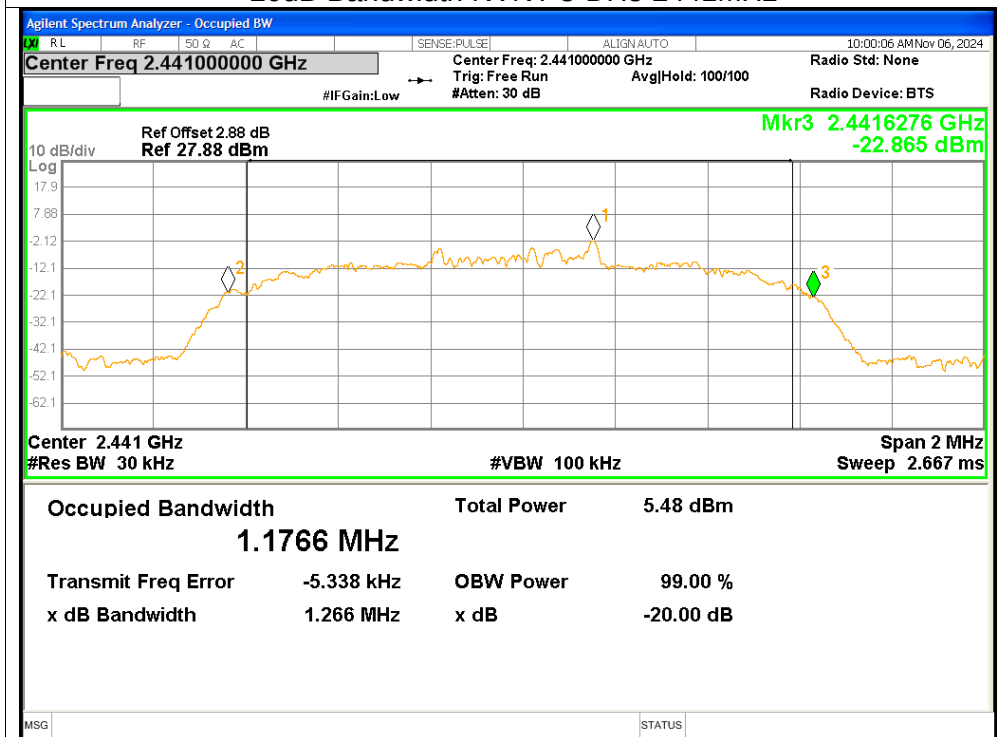
**-20dB Bandwidth NVNT 1-DH5 2480MHz****-20dB Bandwidth NVNT 2-DH5 2402MHz**

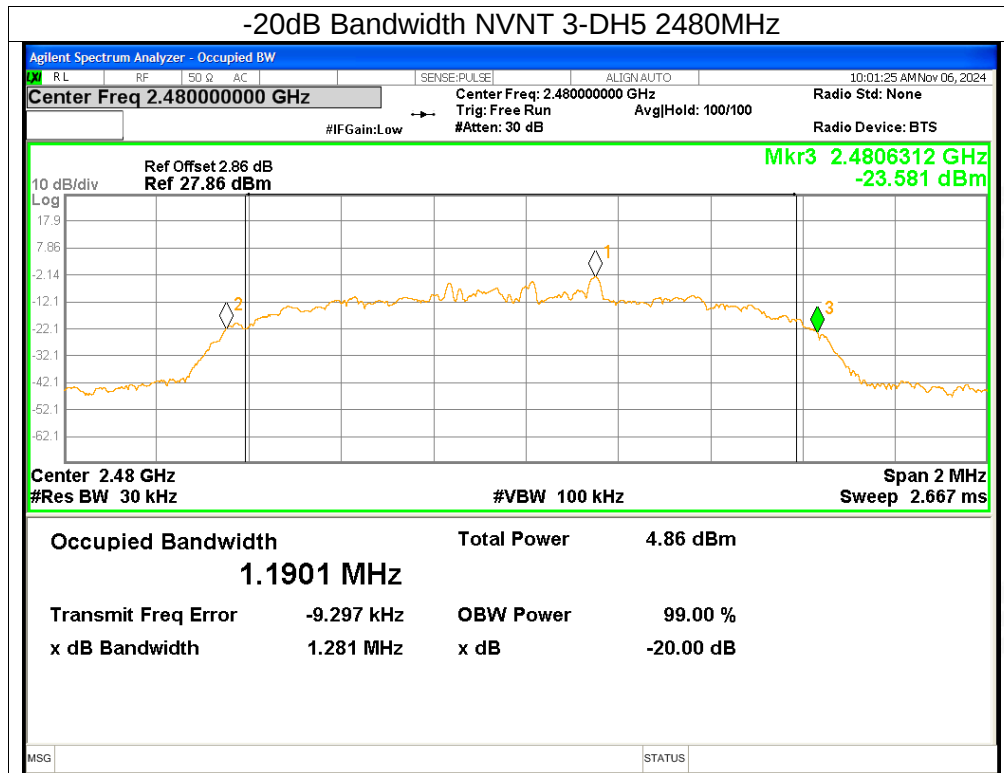
**-20dB Bandwidth NVNT 2-DH5 2441MHz****-20dB Bandwidth NVNT 2-DH5 2480MHz**

-20dB Bandwidth NVNT 3-DH5 2402MHz



-20dB Bandwidth NVNT 3-DH5 2441MHz







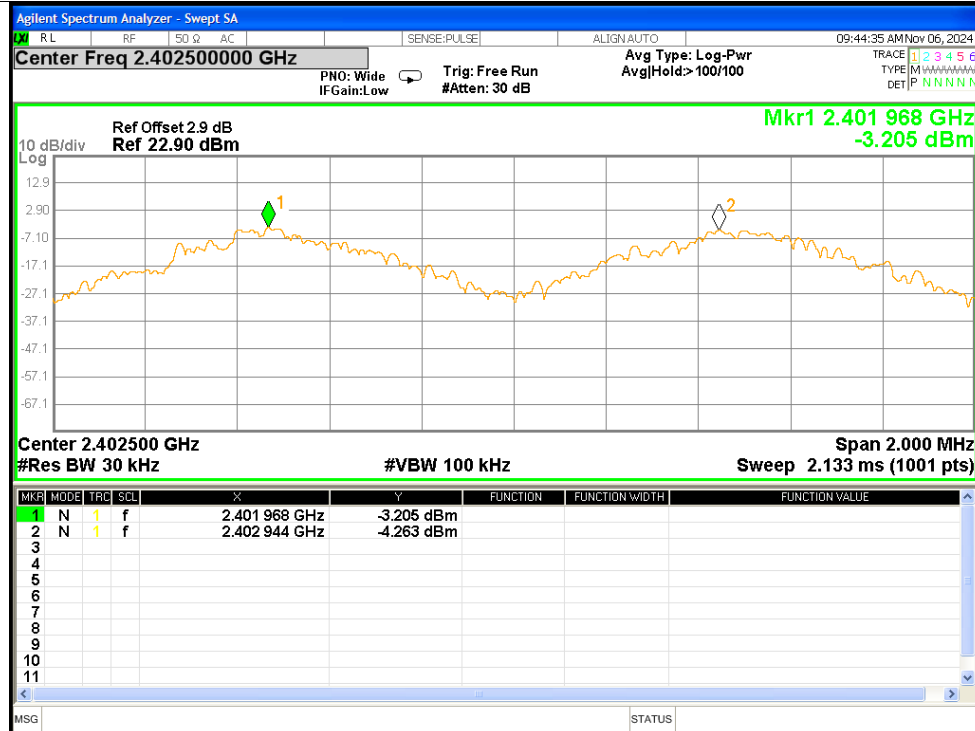
4. Carrier Frequencies Separation

Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	2401.968	2402.944	0.976	≥ 0.561	Pass
NVNT	1-DH5	2440.966	2442.01	1.044	≥ 0.57	Pass
NVNT	1-DH5	2479.052	2479.97	0.918	≥ 0.565	Pass
NVNT	2-DH5	2401.852	2403	1.148	≥ 0.856	Pass
NVNT	2-DH5	2440.824	2442.146	1.322	≥ 0.846	Pass
NVNT	2-DH5	2478.834	2480.158	1.324	≥ 0.851	Pass
NVNT	3-DH5	2402.012	2403.146	1.134	≥ 0.846	Pass
NVNT	3-DH5	2441.12	2442.154	1.034	≥ 0.844	Pass
NVNT	3-DH5	2479.008	2480.016	1.008	≥ 0.854	Pass

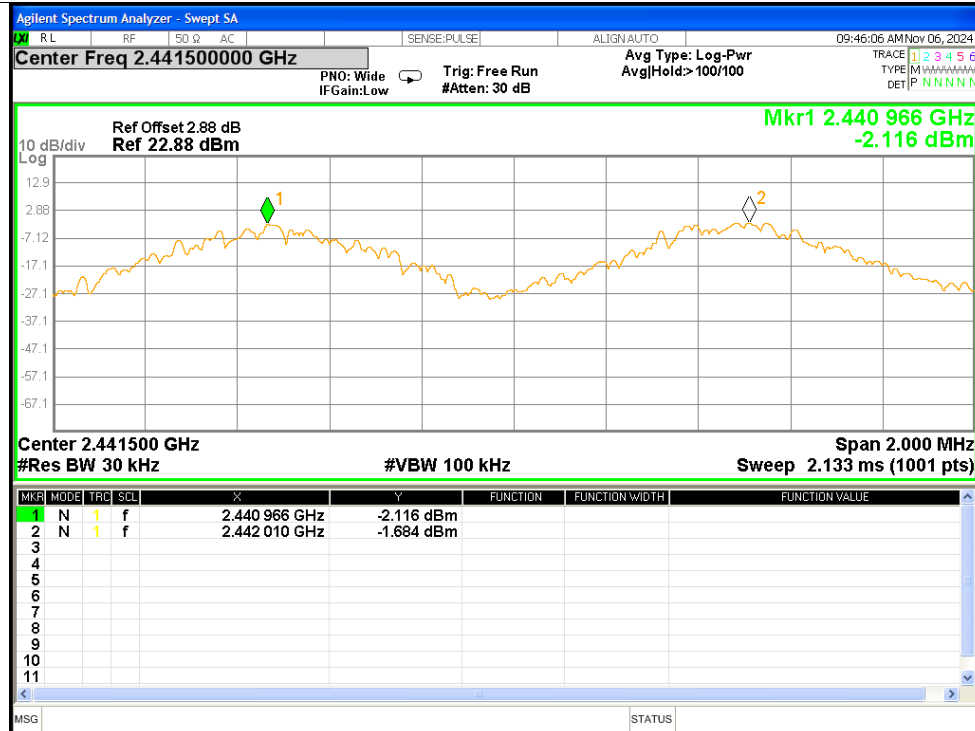


Test Graphs

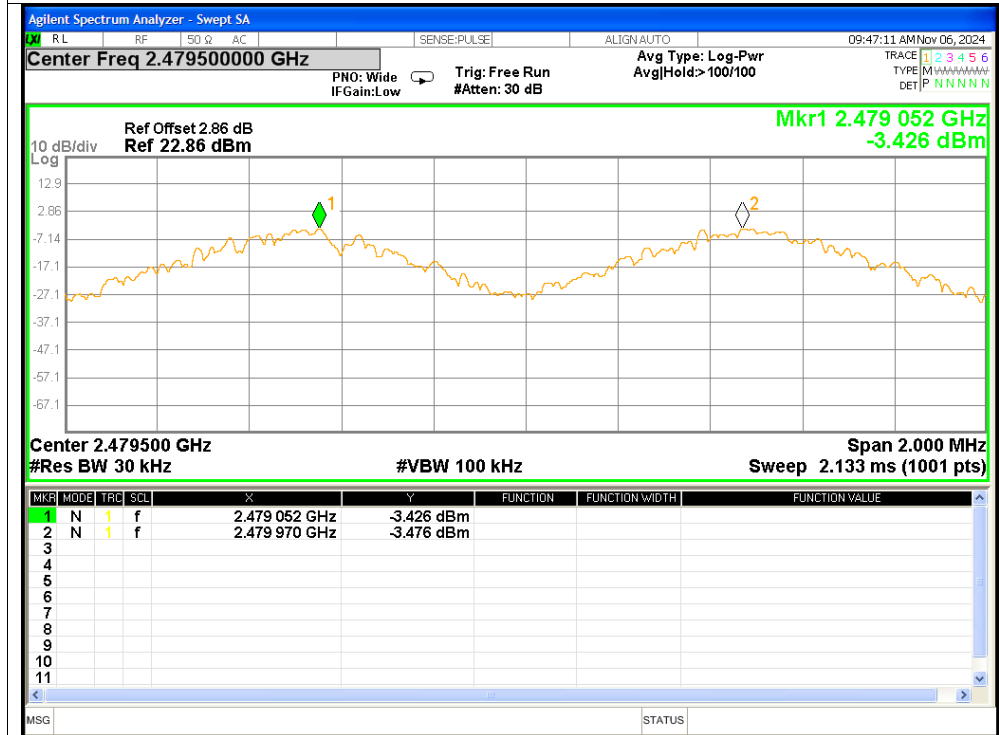
CFS NVNT 1-DH5 2402MHz



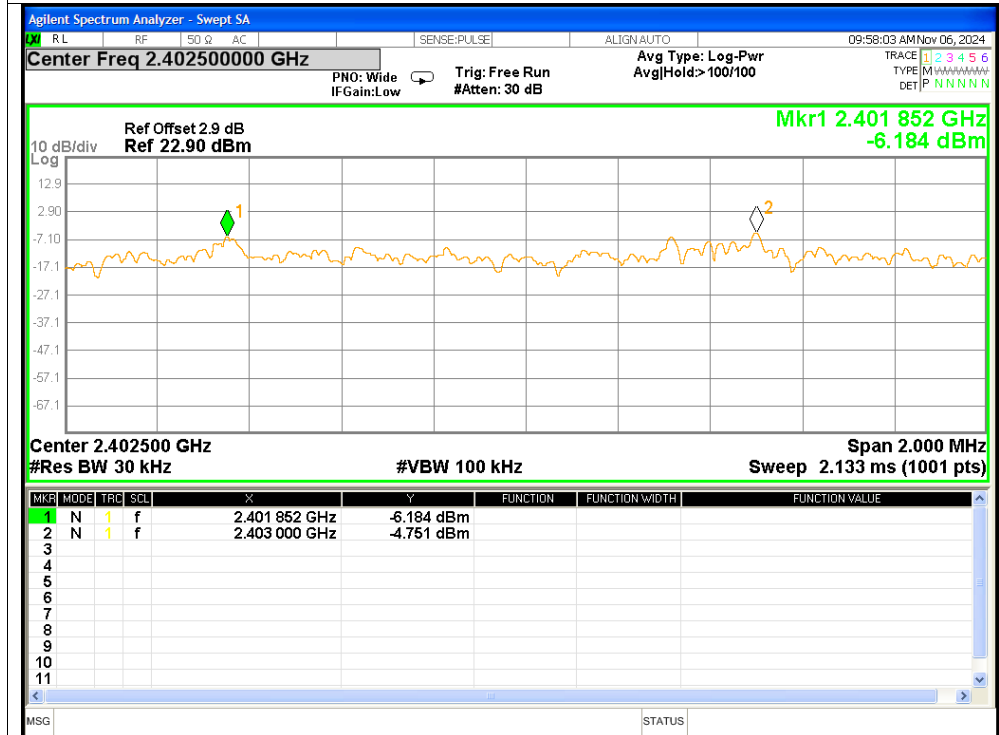
CFS NVNT 1-DH5 2441MHz



CFS NVNT 1-DH5 2480MHz

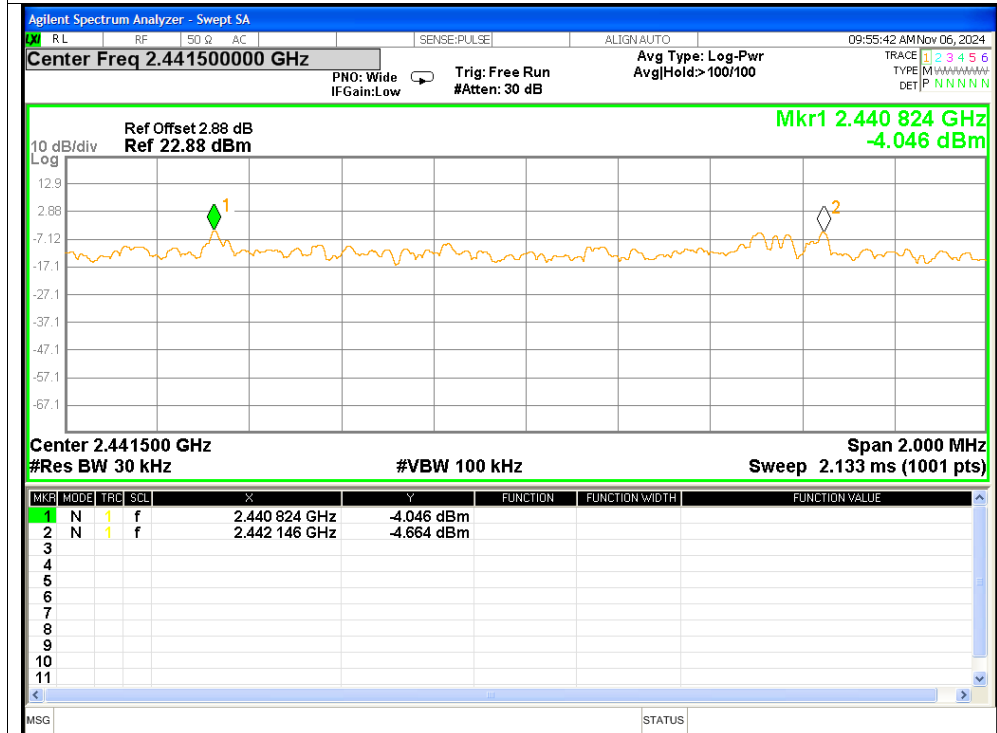


CFS NVNT 2-DH5 2402MHz

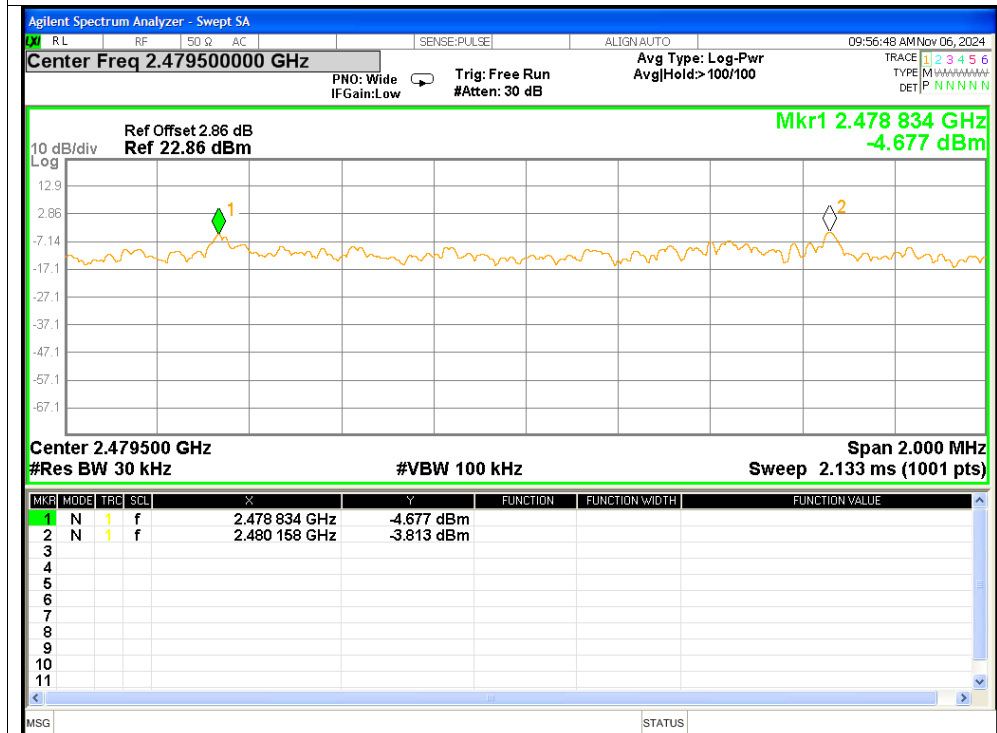




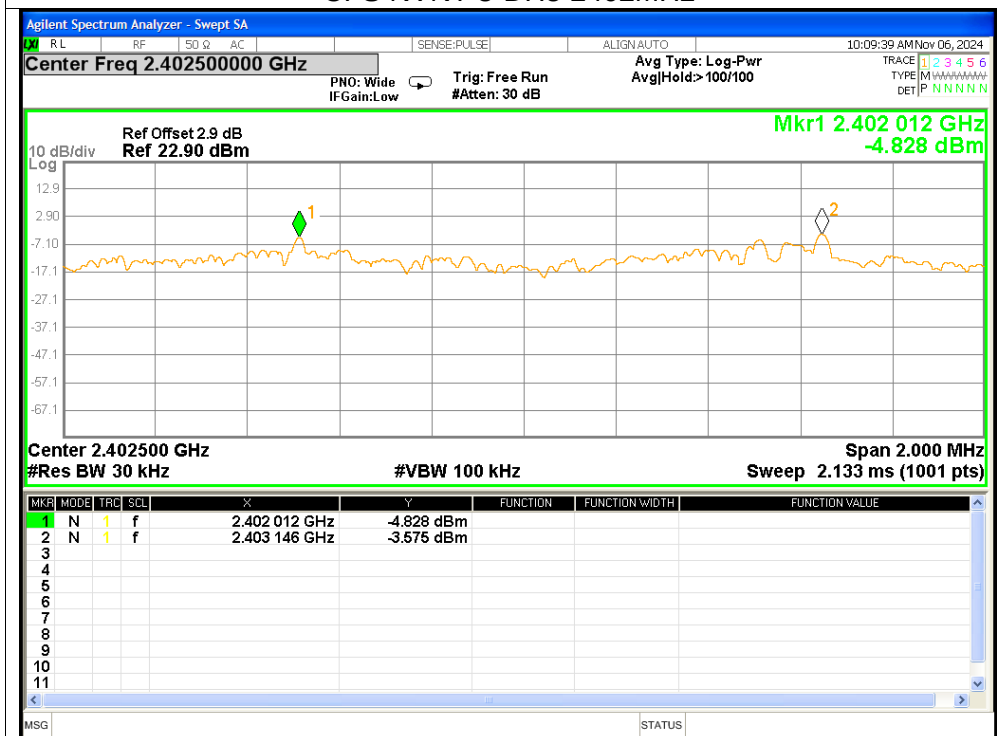
CFS NVNT 2-DH5 2441MHz



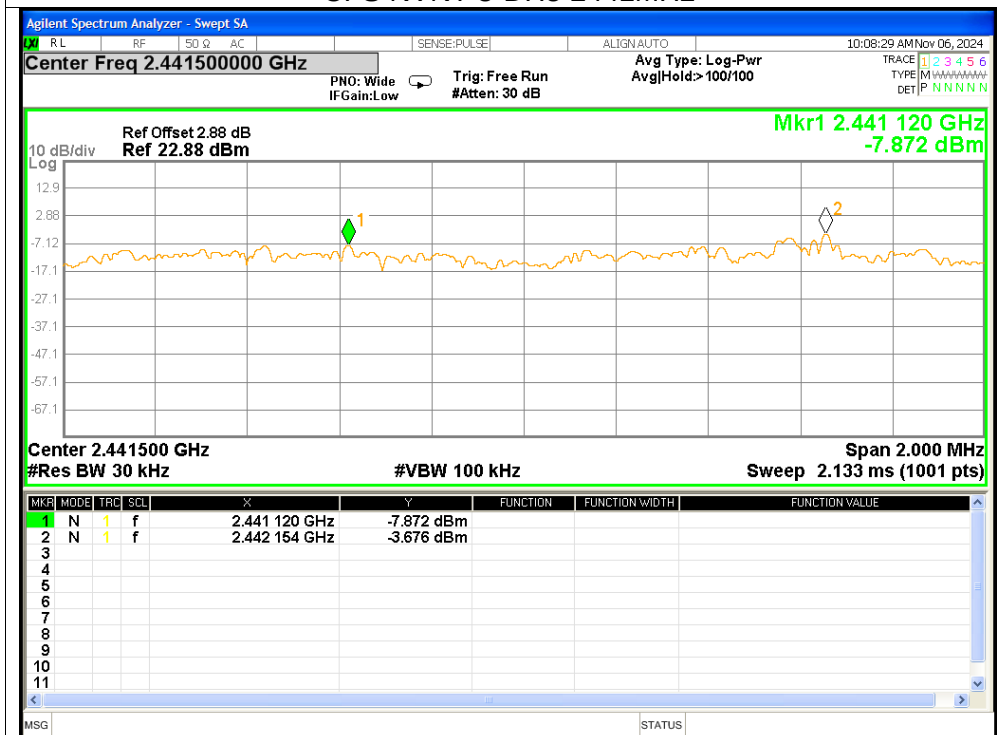
CFS NVNT 2-DH5 2480MHz

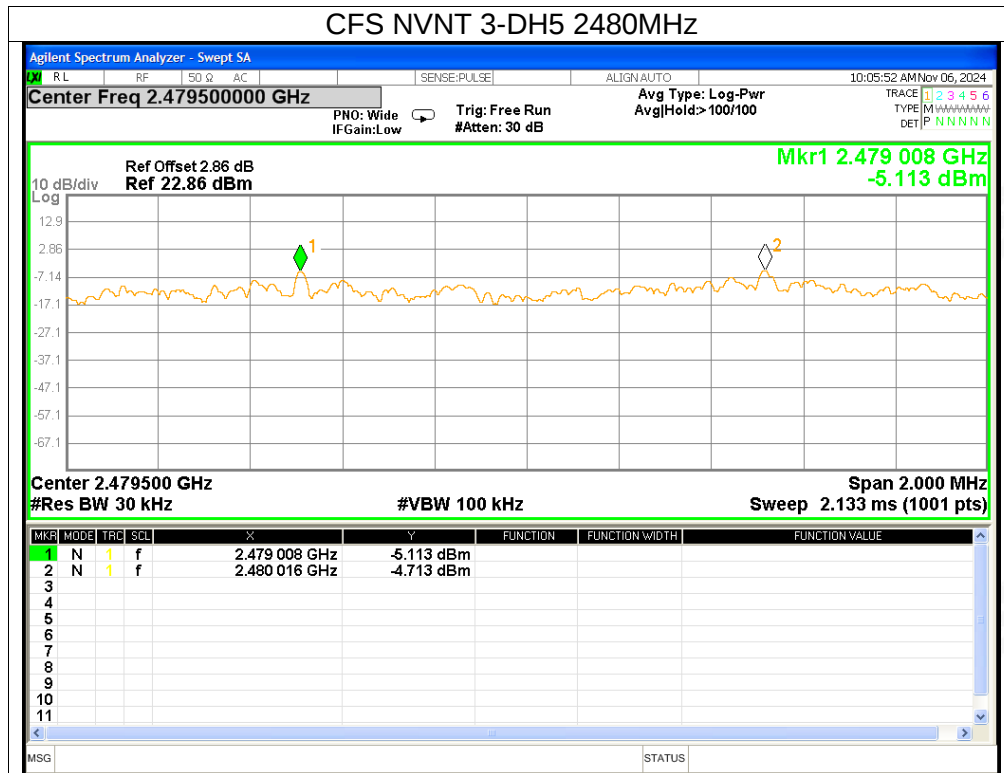


CFS NVNT 3-DH5 2402MHz



CFS NVNT 3-DH5 2441MHz



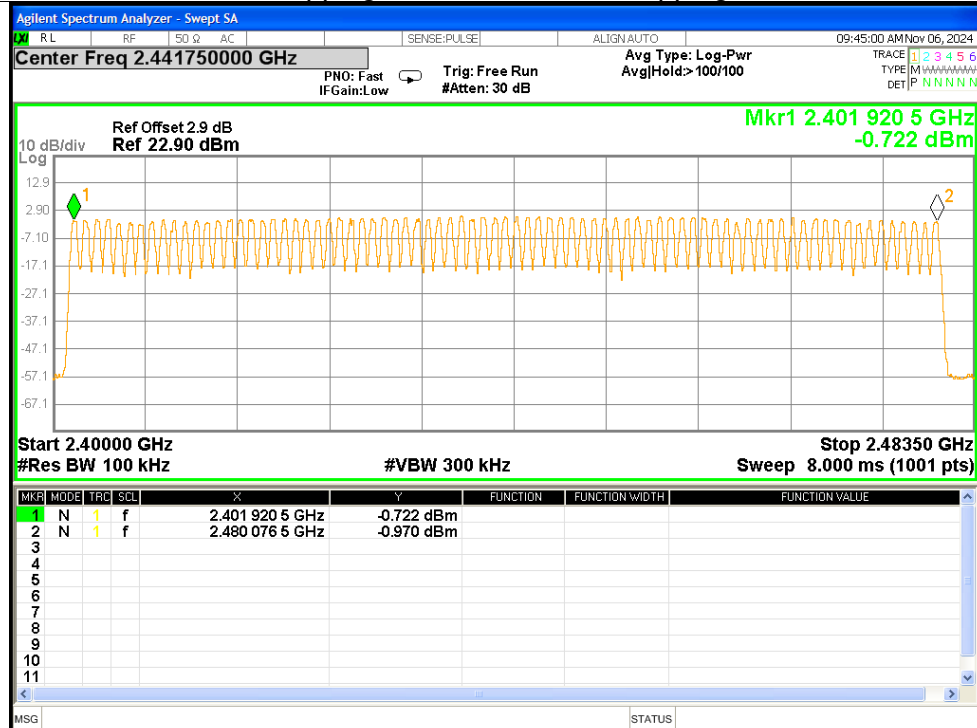




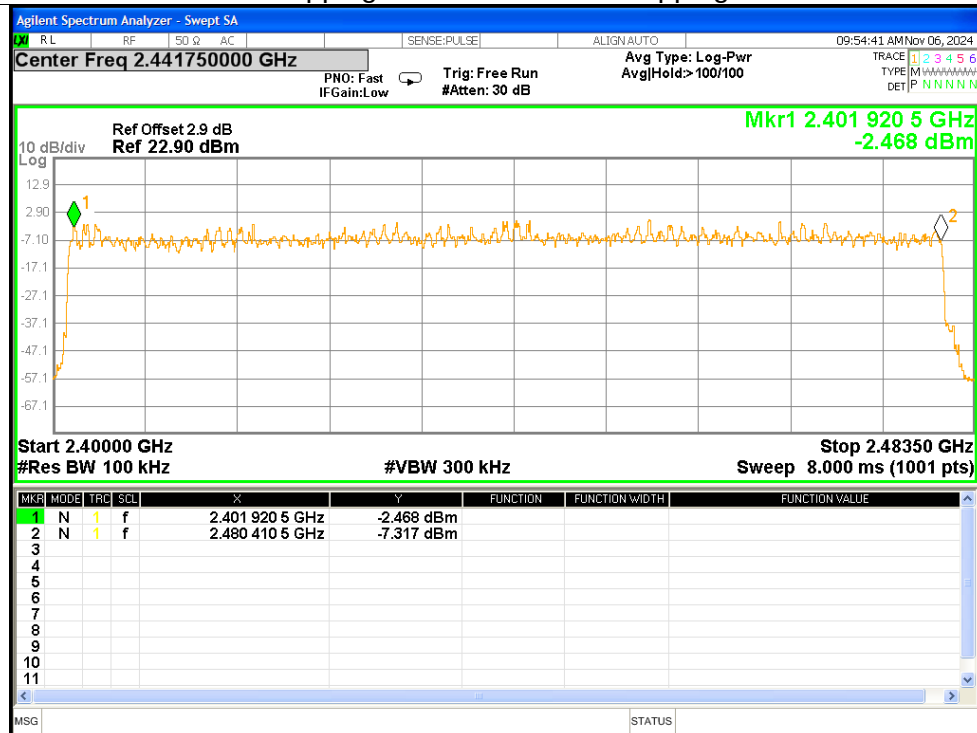
5. Number of Hopping Channel

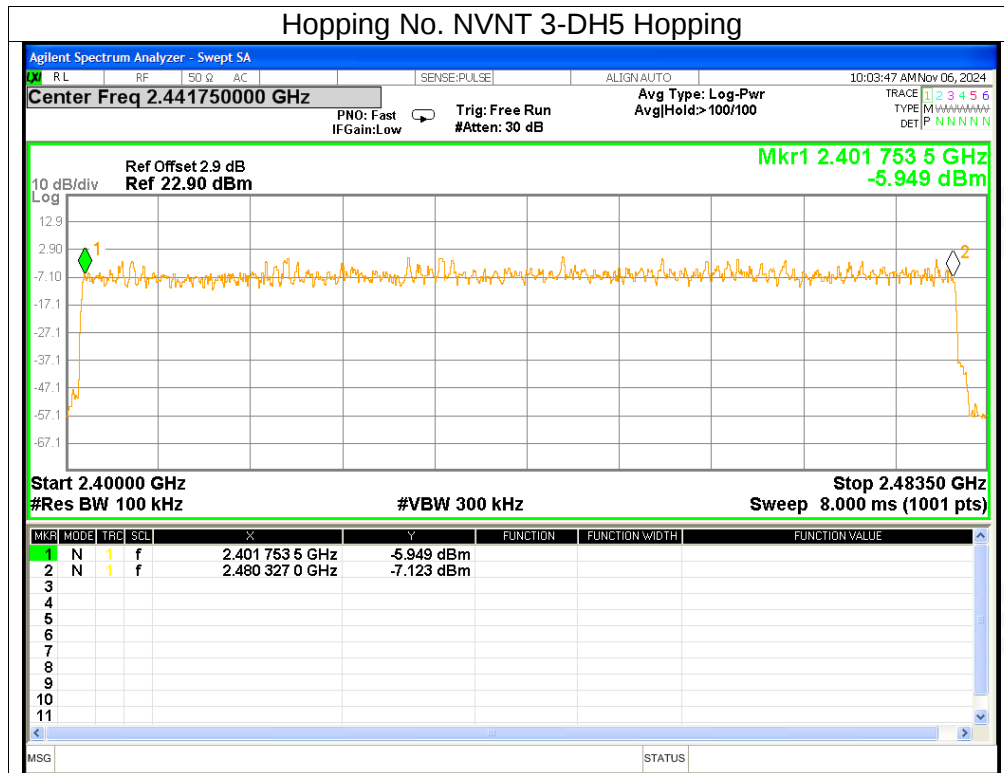
Condition	Mode	Hopping Number	Limit	Verdict
NVNT	1-DH5	79	≥ 15	Pass
NVNT	2-DH5	79	≥ 15	Pass
NVNT	3-DH5	79	≥ 15	Pass

Test Graphs
Hopping No. NVNT 1-DH5 Hopping



Hopping No. NVNT 2-DH5 Hopping





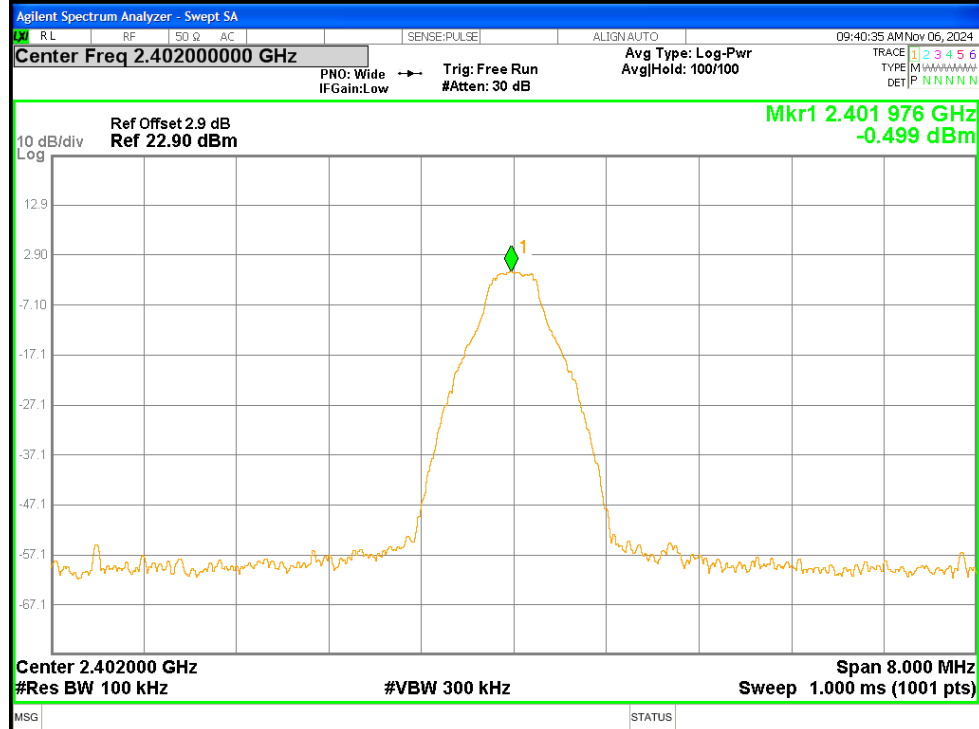


6. Band Edge

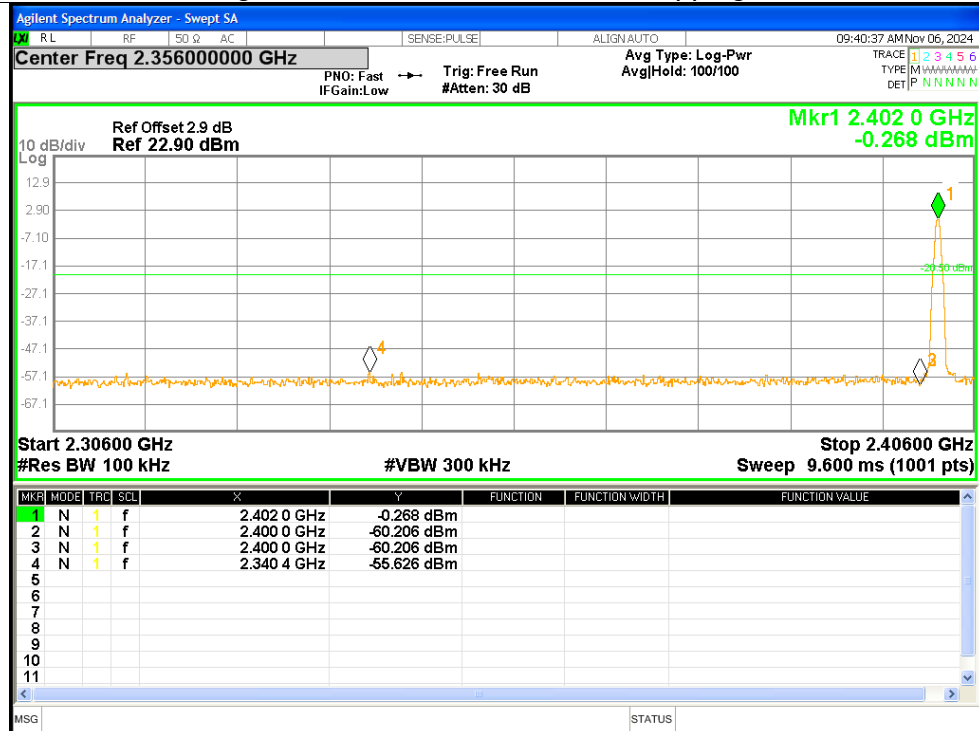
Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	No-Hopping	-55.12	≤ -20	Pass
NVNT	1-DH5	2480	No-Hopping	-54.77	≤ -20	Pass
NVNT	2-DH5	2402	No-Hopping	-54.09	≤ -20	Pass
NVNT	2-DH5	2480	No-Hopping	-55.46	≤ -20	Pass
NVNT	3-DH5	2402	No-Hopping	-53.92	≤ -20	Pass
NVNT	3-DH5	2480	No-Hopping	-53.95	≤ -20	Pass

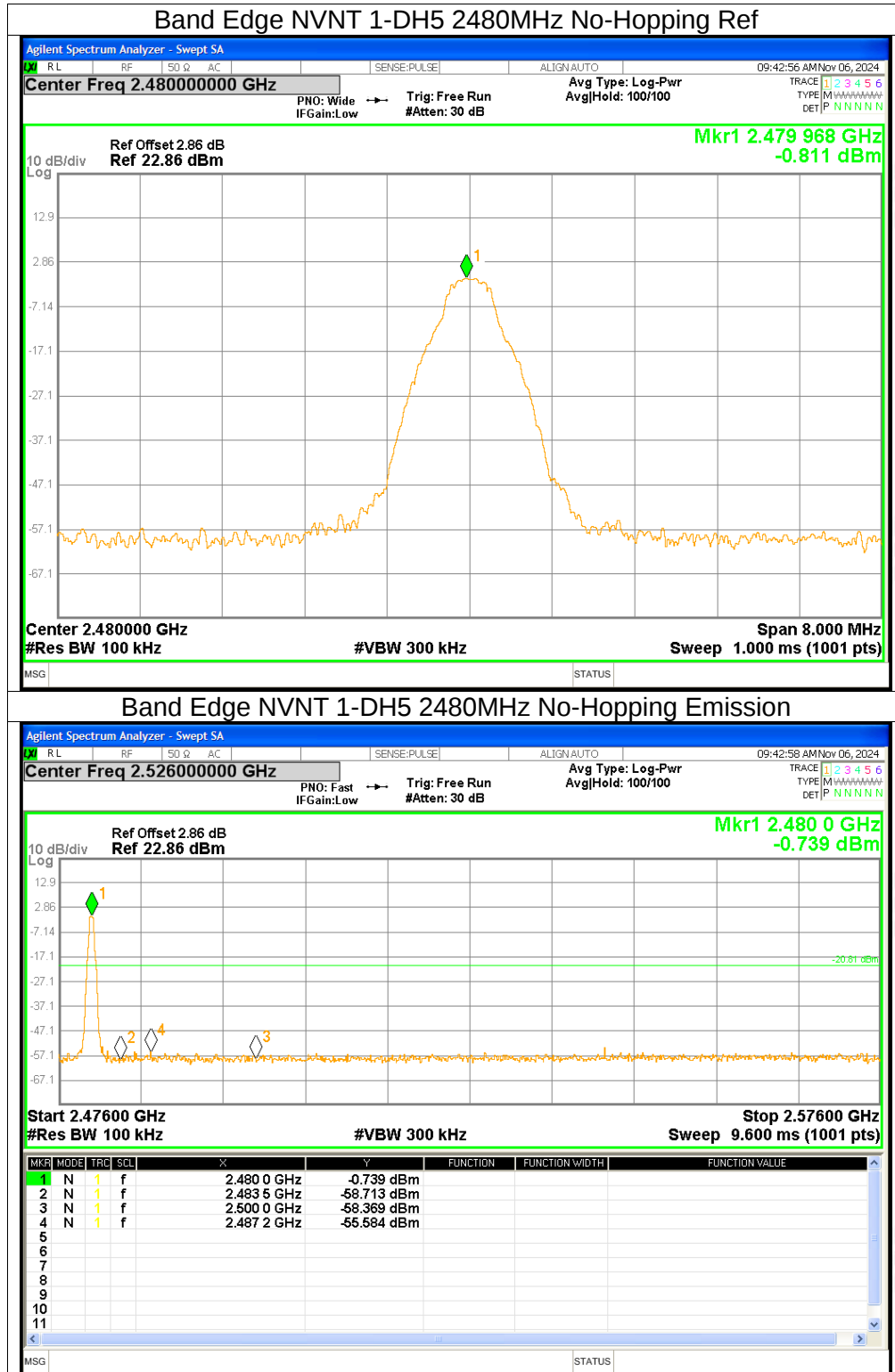
Test Graphs

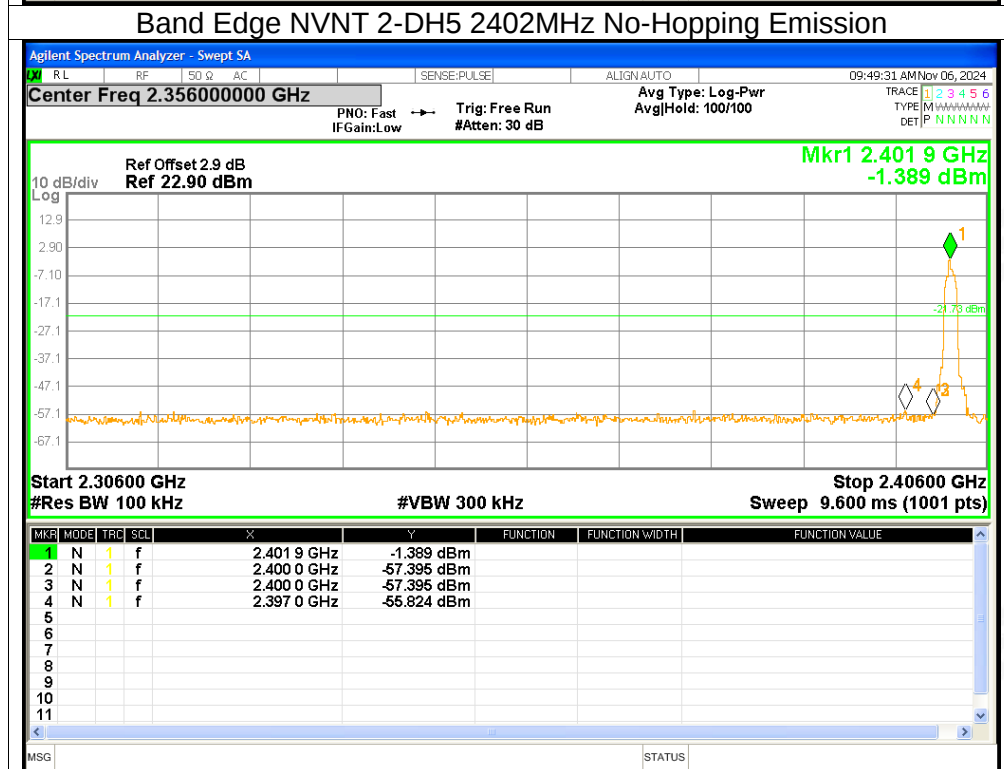
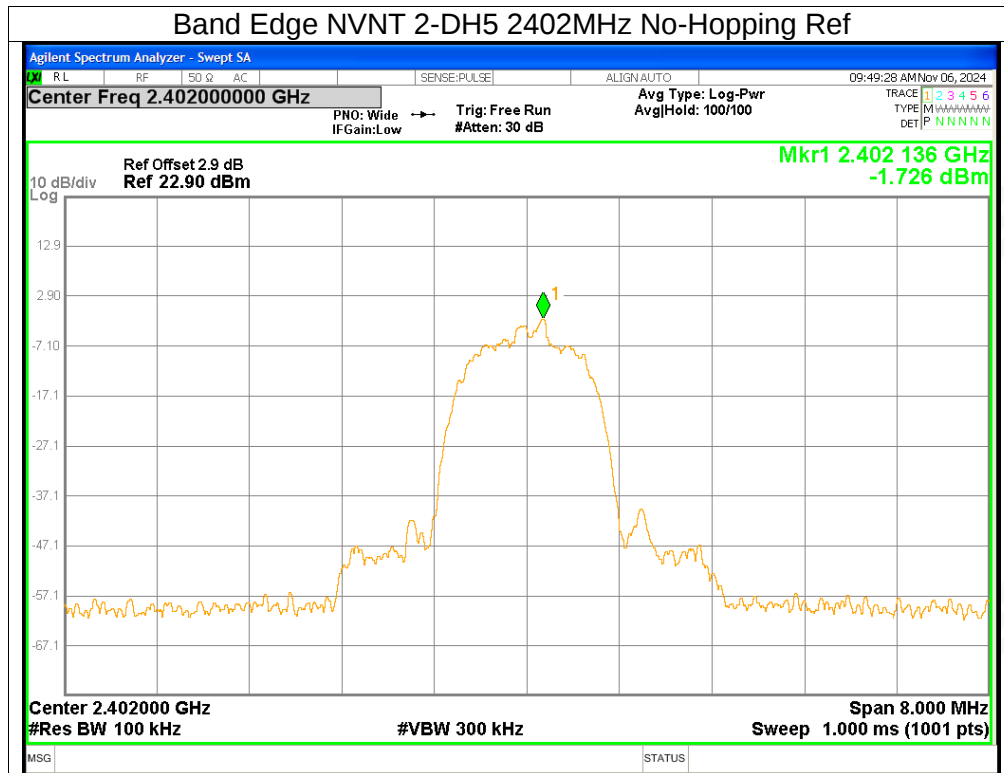
Band Edge NVNT 1-DH5 2402MHz No-Hopping Ref

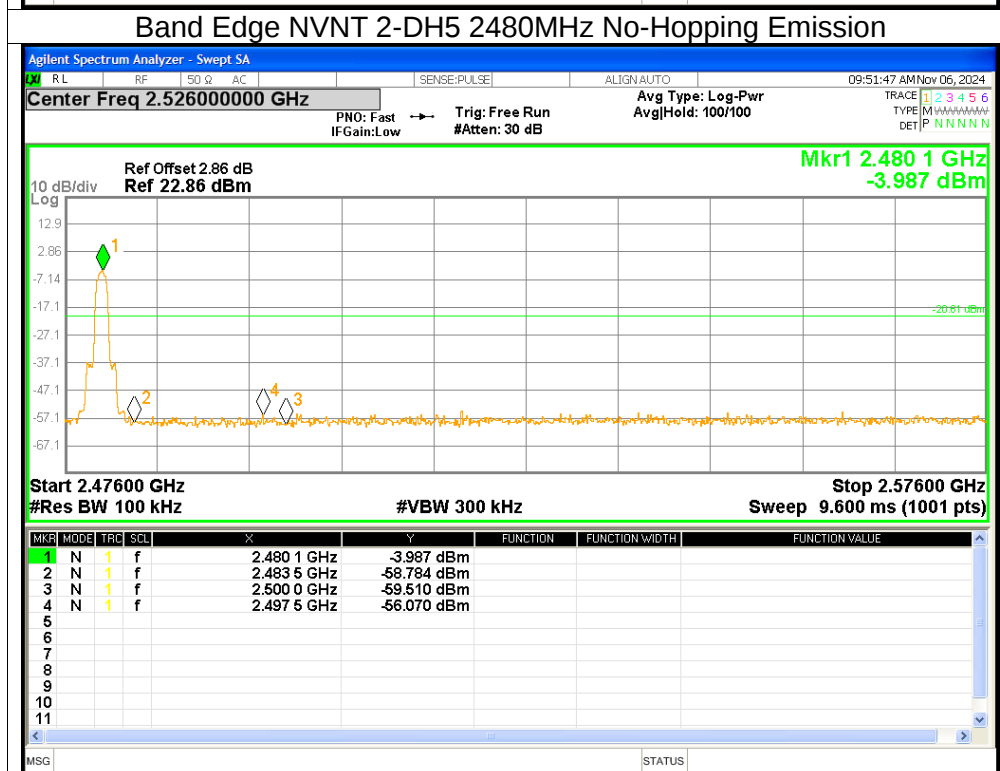
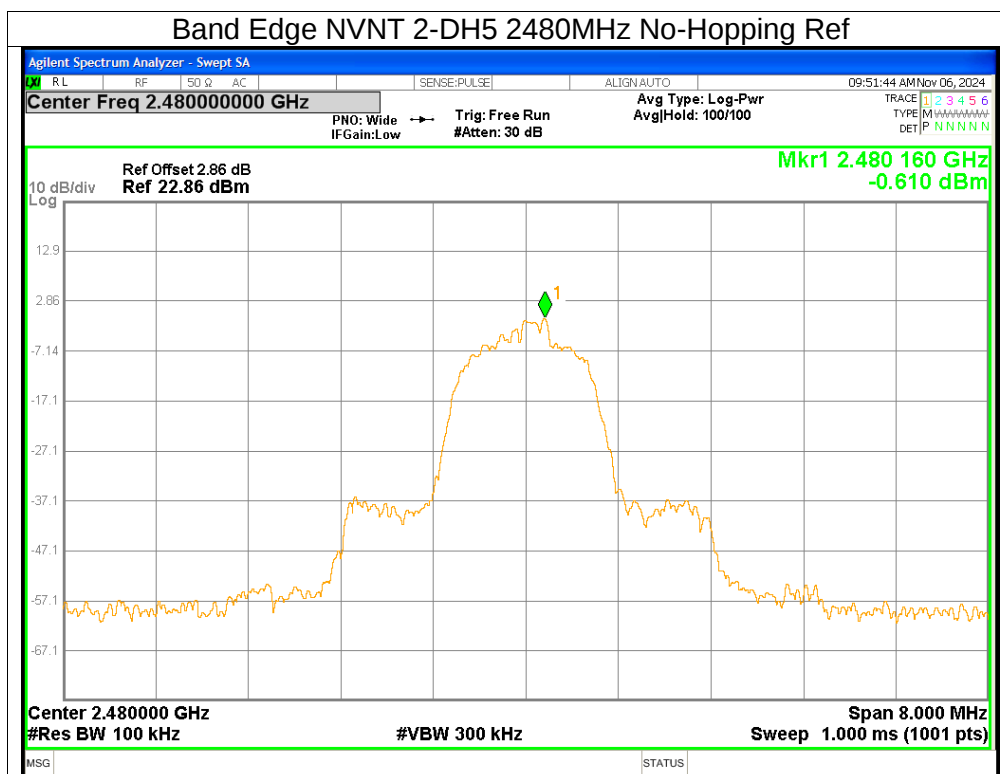


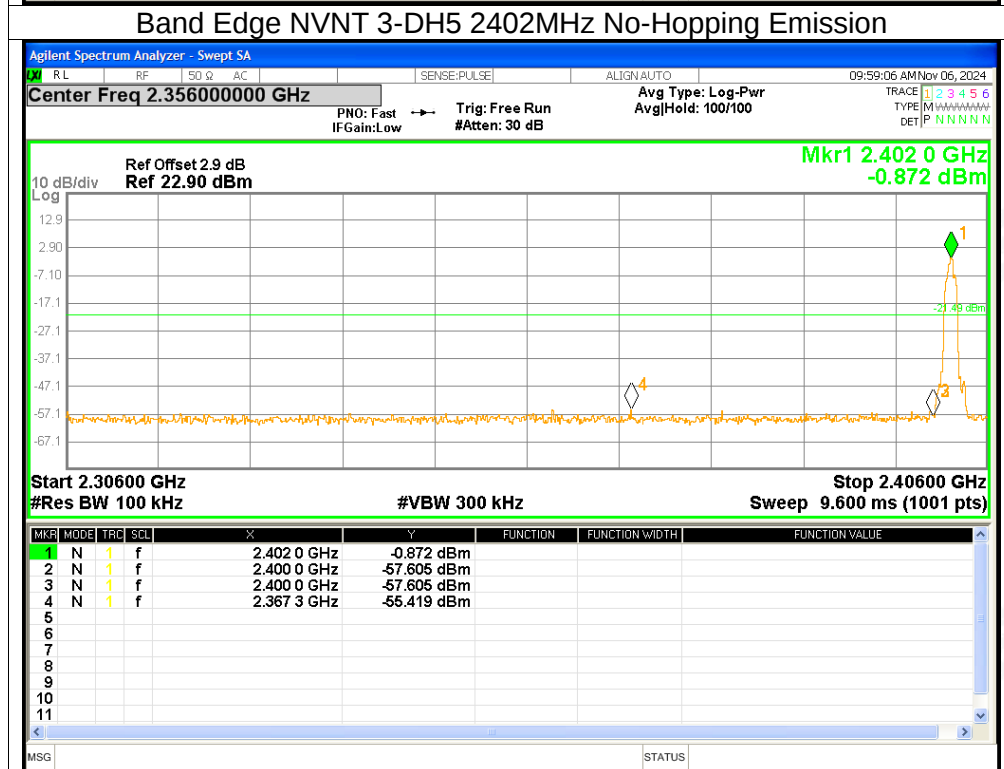
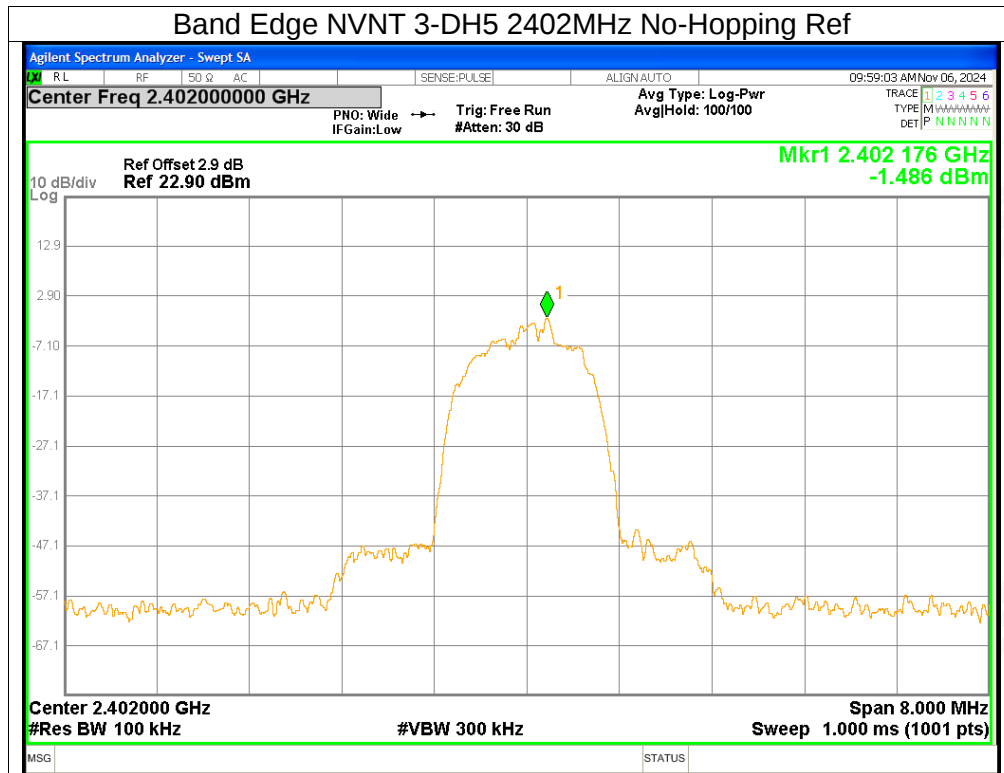
Band Edge NVNT 1-DH5 2402MHz No-Hopping Emission

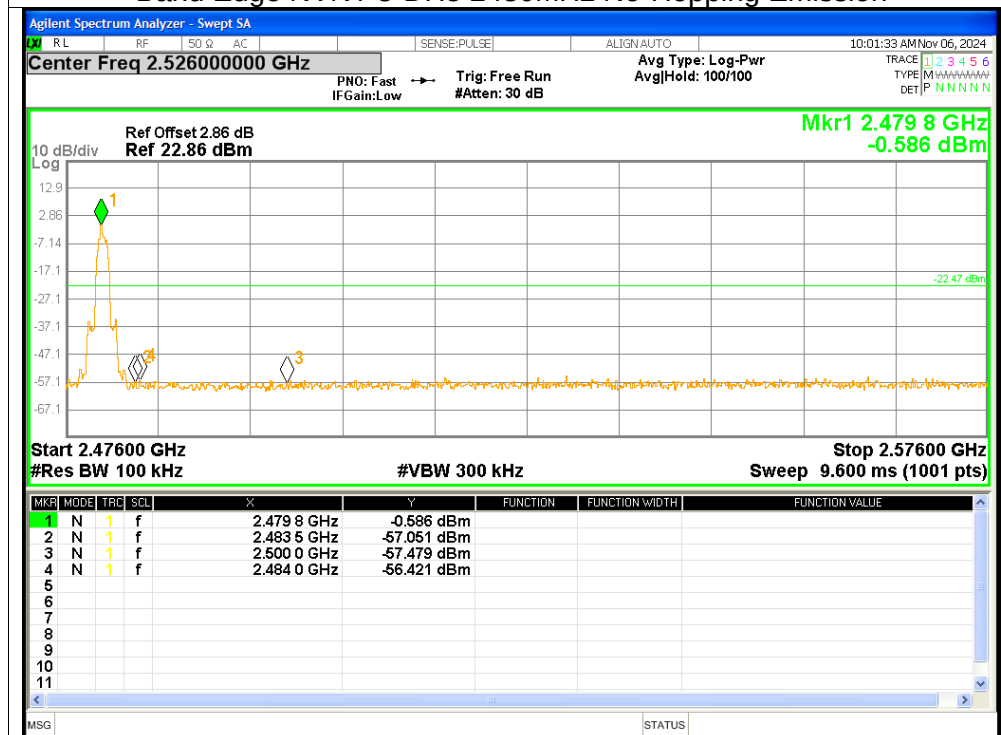
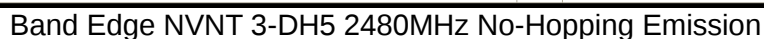










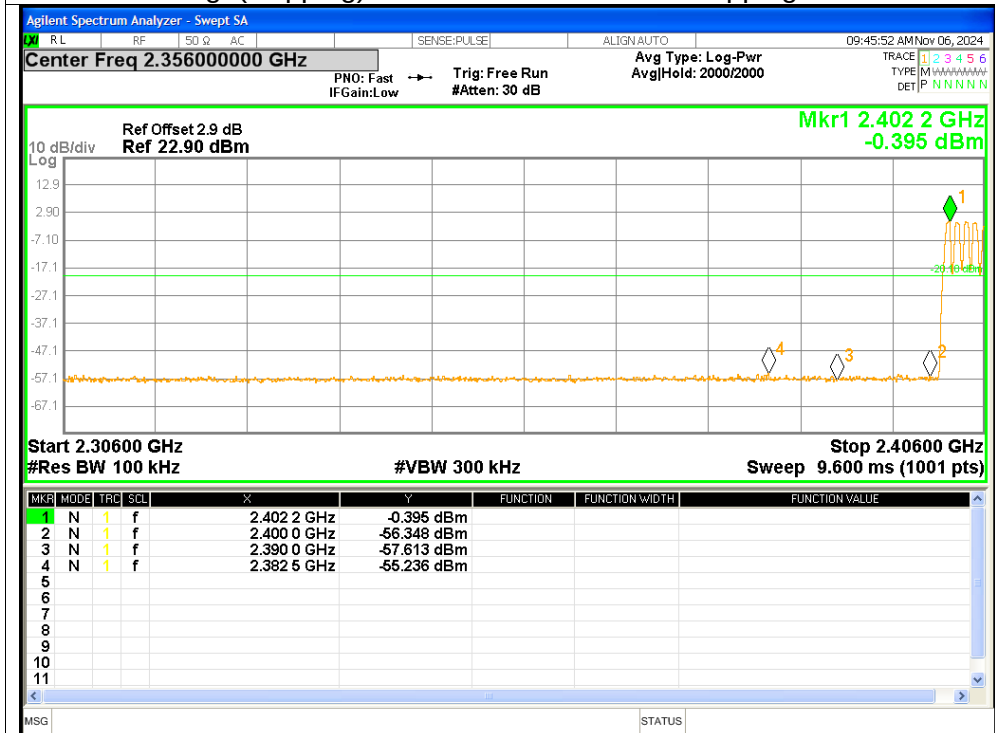


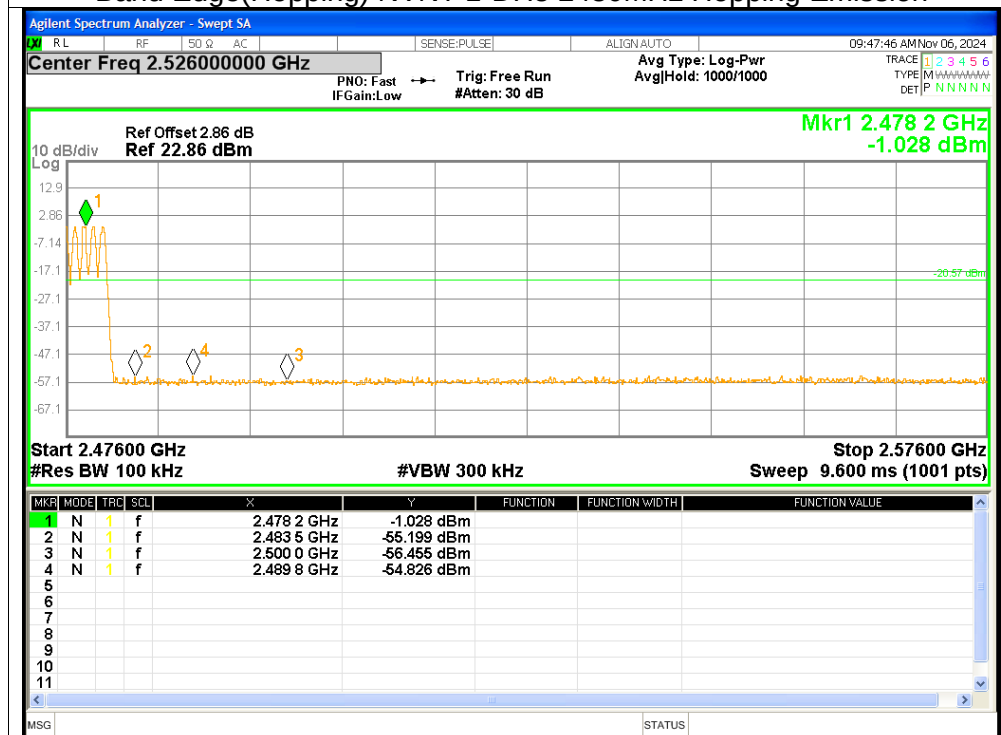


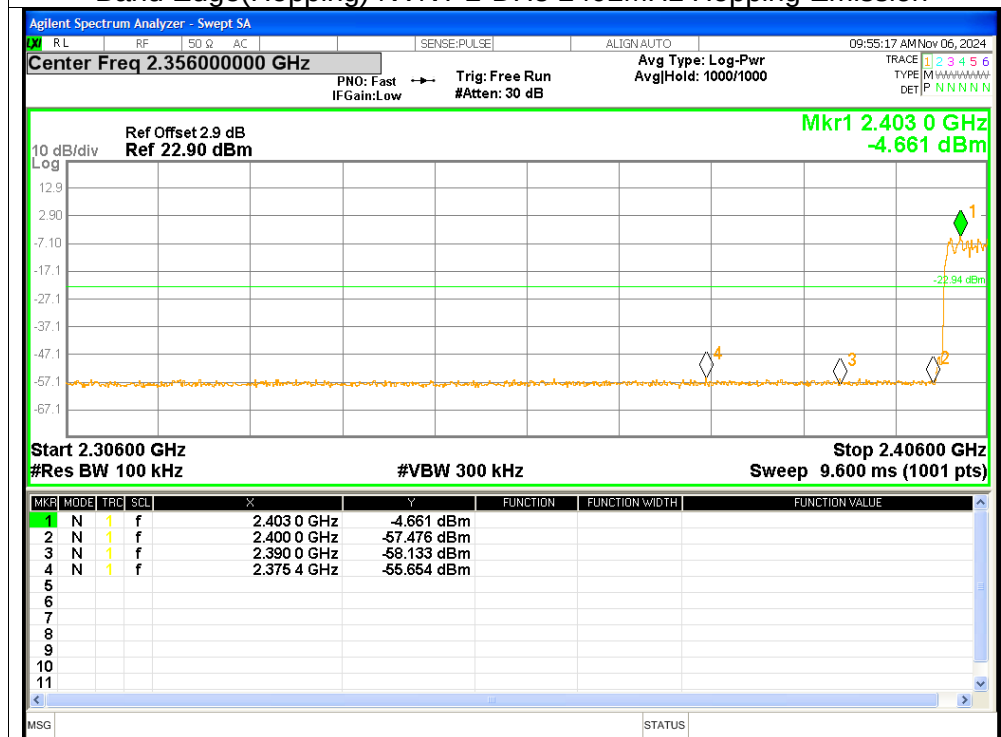
7. Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Hopping	-55.05	≤ -20	Pass
NVNT	1-DH5	2480	Hopping	-54.25	≤ -20	Pass
NVNT	2-DH5	2402	Hopping	-52.71	≤ -20	Pass
NVNT	2-DH5	2480	Hopping	-53.82	≤ -20	Pass
NVNT	3-DH5	2402	Hopping	-54.44	≤ -20	Pass
NVNT	3-DH5	2480	Hopping	-53.67	≤ -20	Pass

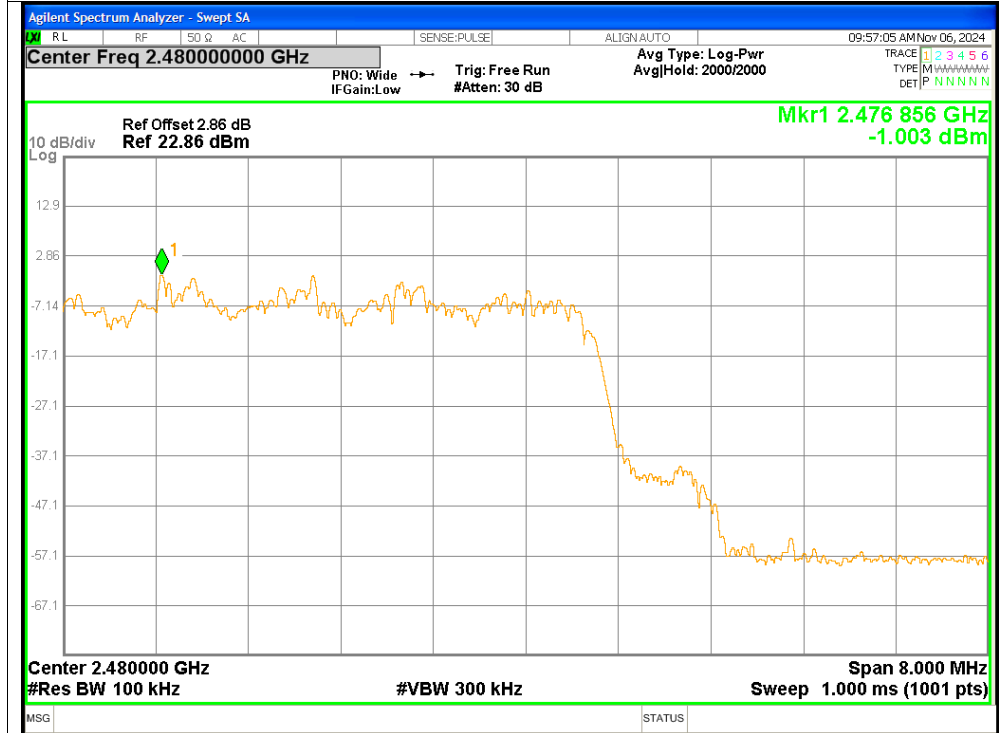
Band Edge(Hopping) NVNT 1-DH5 2402MHz Hopping Ref



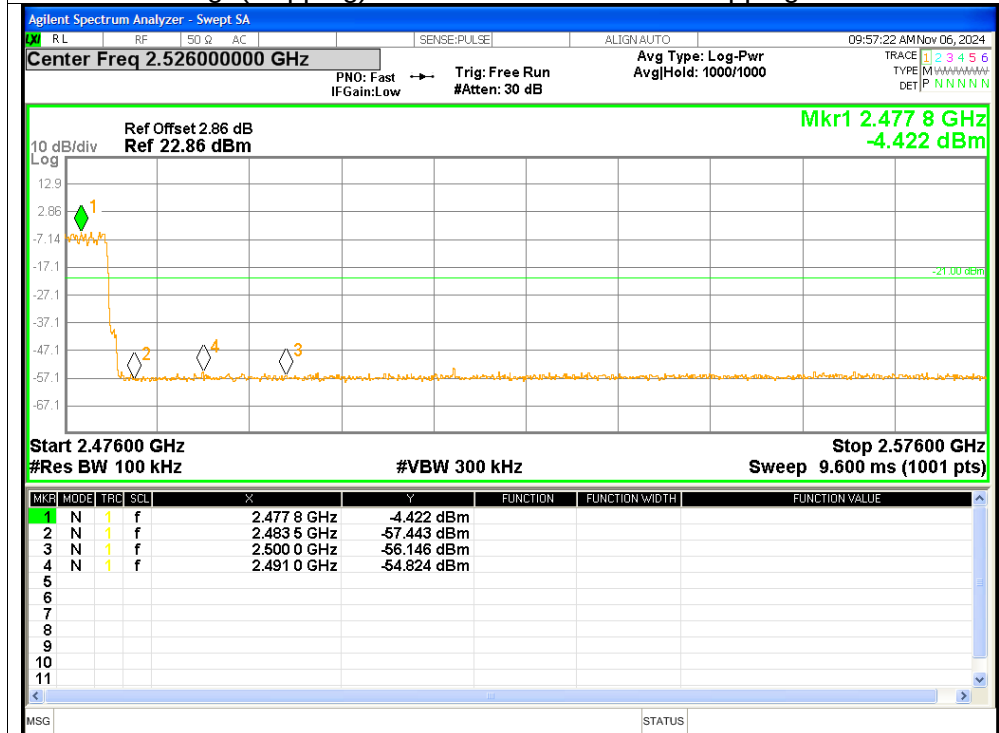


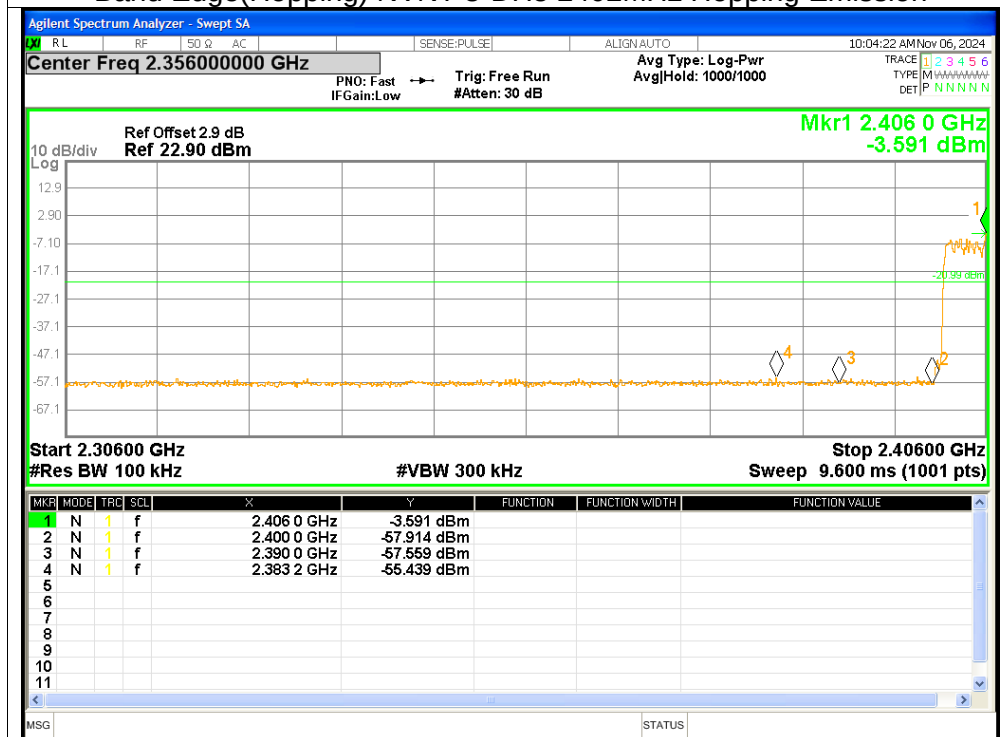


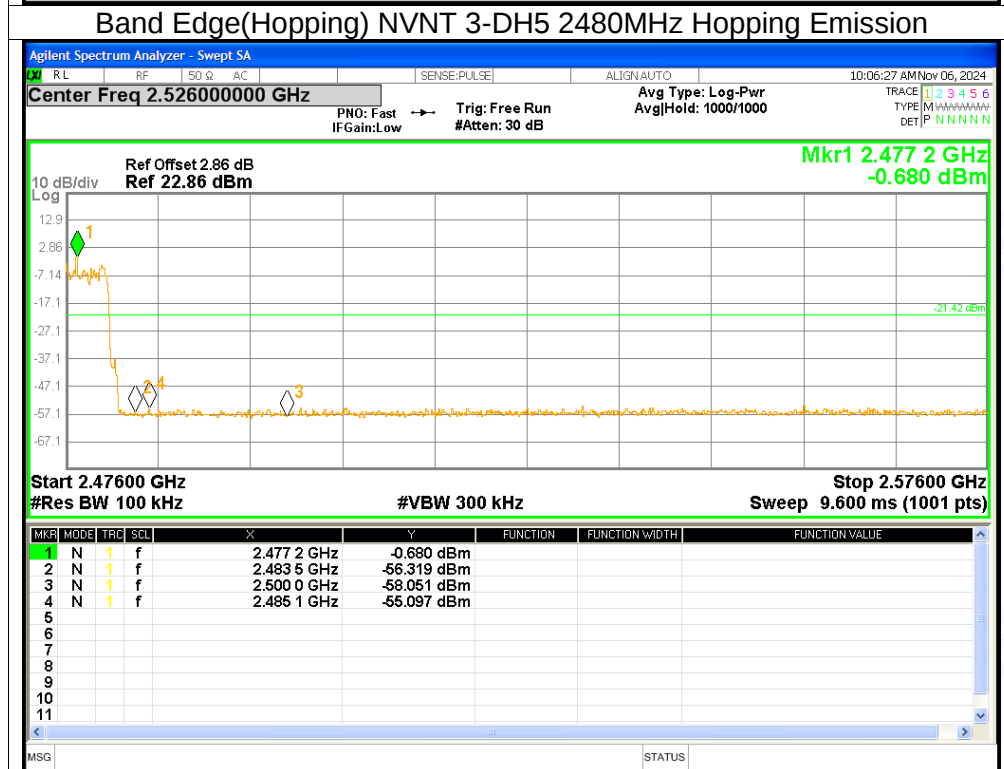
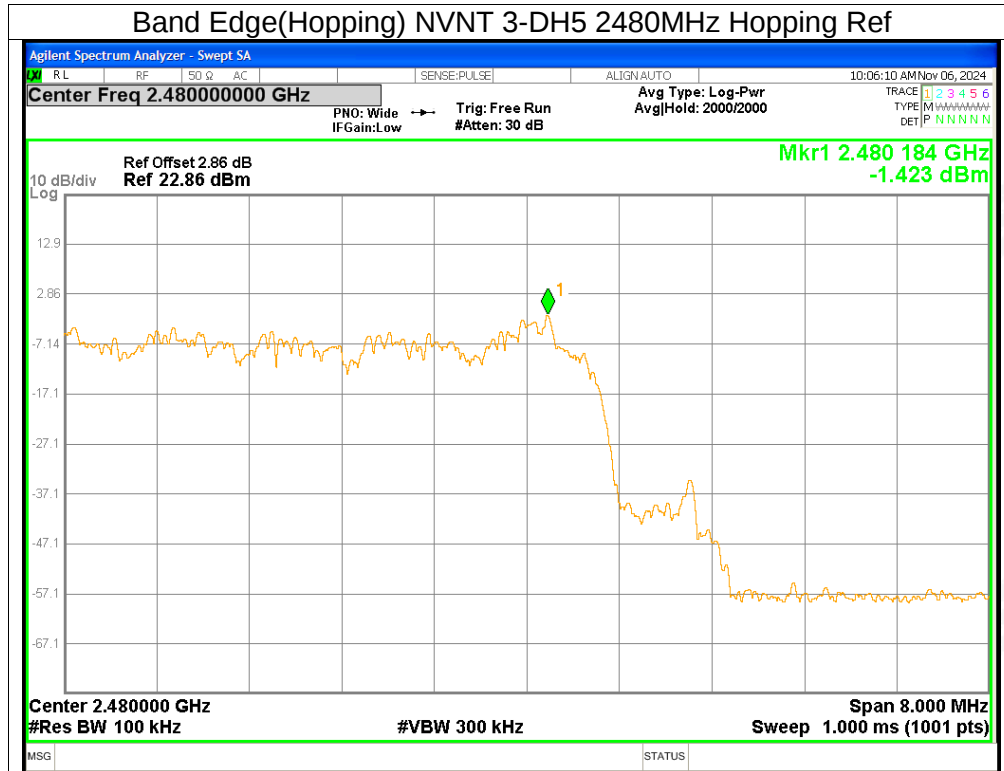
Band Edge(Hopping) NVNT 2-DH5 2480MHz Hopping Ref



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





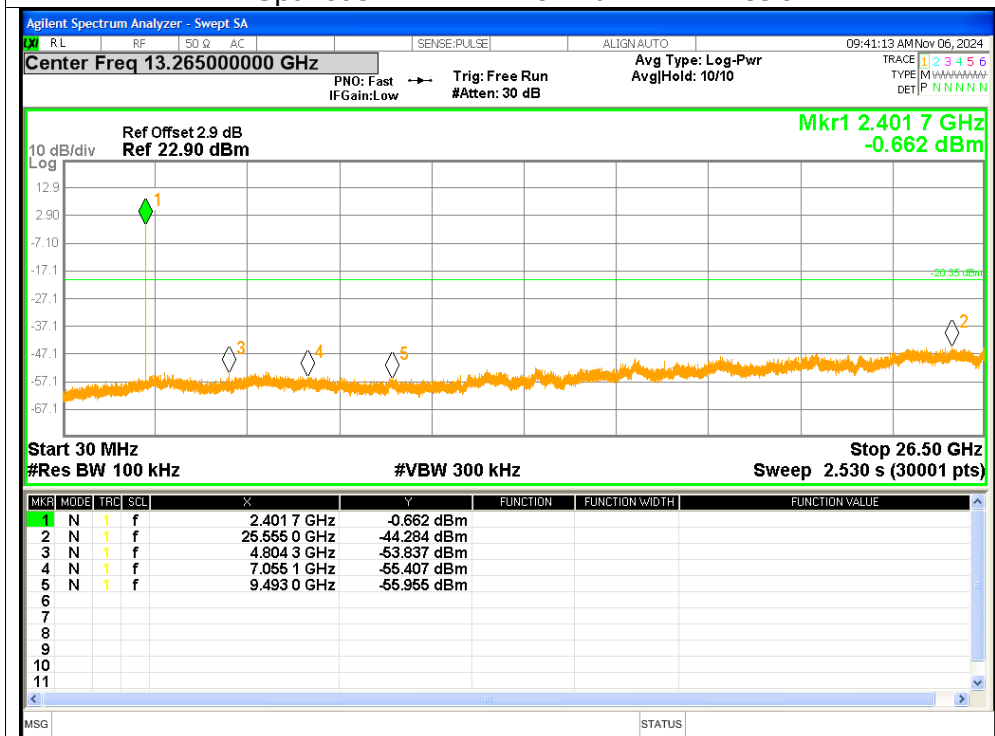
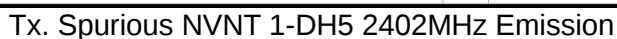




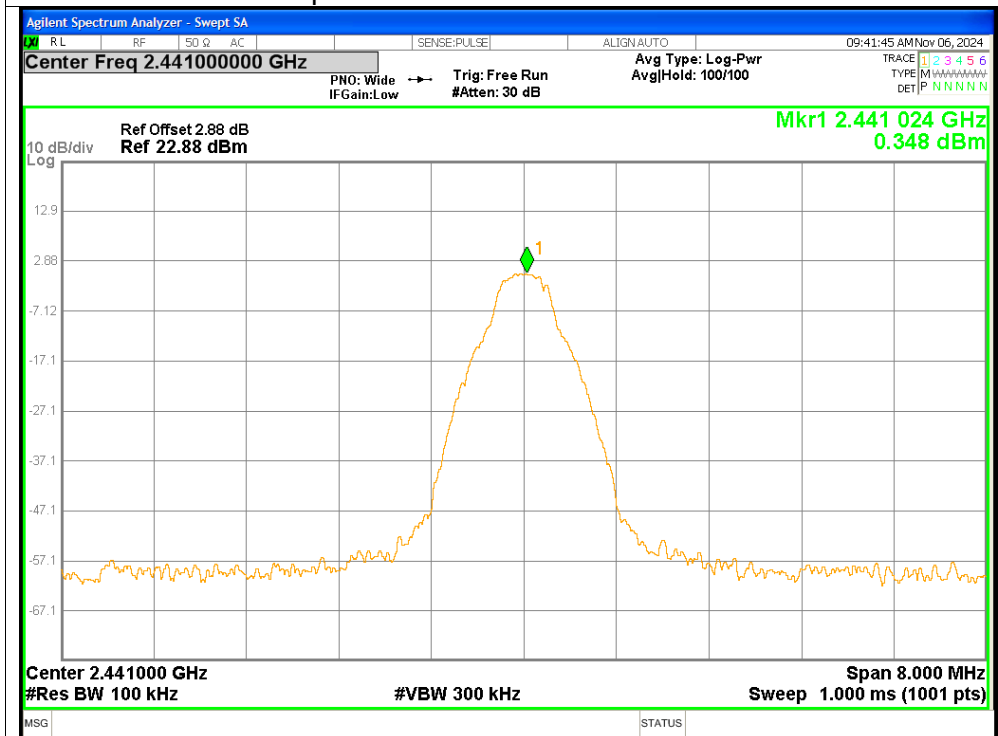
8. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	-43.93	≤ -20	Pass
NVNT	1-DH5	2441	-44.94	≤ -20	Pass
NVNT	1-DH5	2480	-43.77	≤ -20	Pass
NVNT	2-DH5	2402	-43.59	≤ -20	Pass
NVNT	2-DH5	2441	-40.46	≤ -20	Pass
NVNT	2-DH5	2480	-42.89	≤ -20	Pass
NVNT	3-DH5	2402	-41.33	≤ -20	Pass
NVNT	3-DH5	2441	-42.42	≤ -20	Pass
NVNT	3-DH5	2480	-42.33	≤ -20	Pass

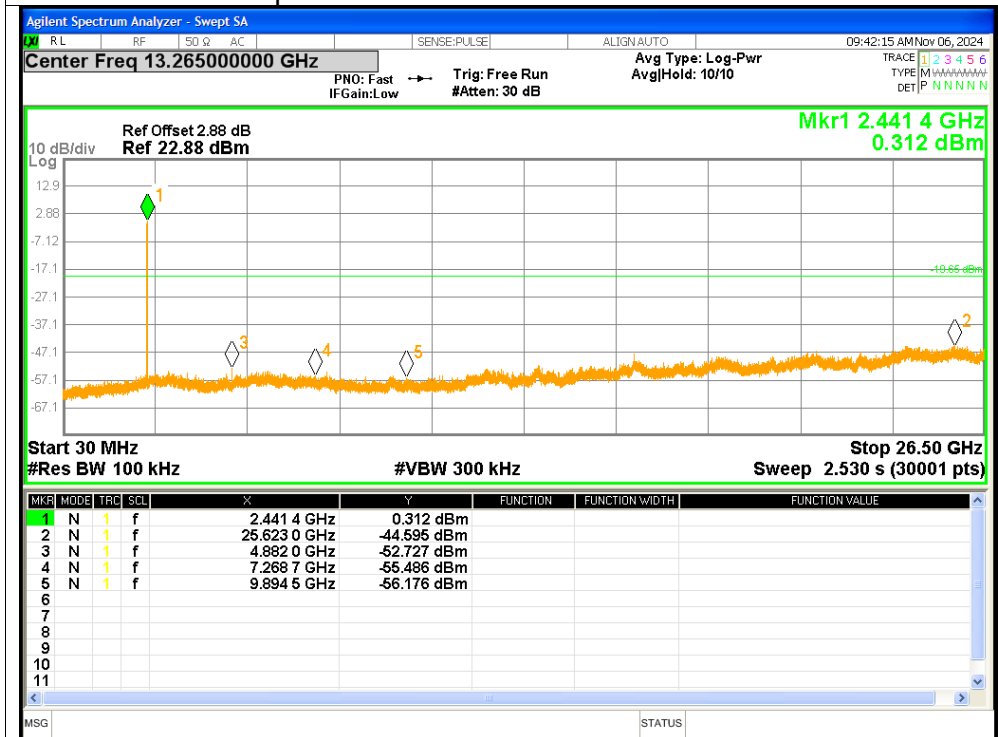
Tx. Spurious NVNT 1-DH5 2402MHz Ref



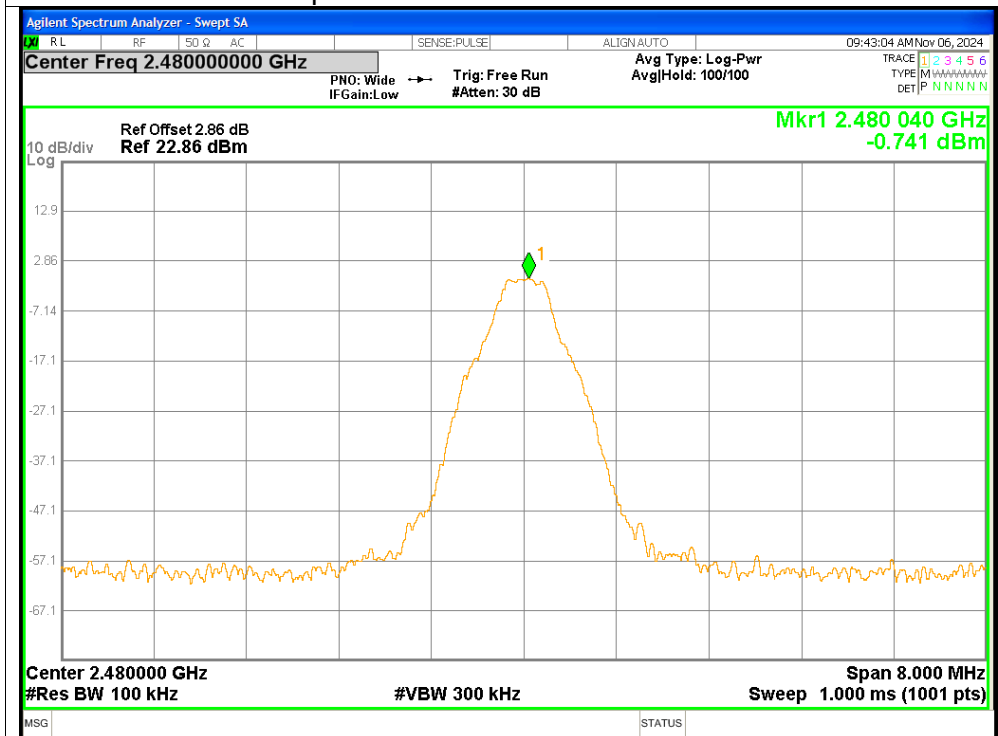
Tx. Spurious NVNT 1-DH5 2441MHz Ref



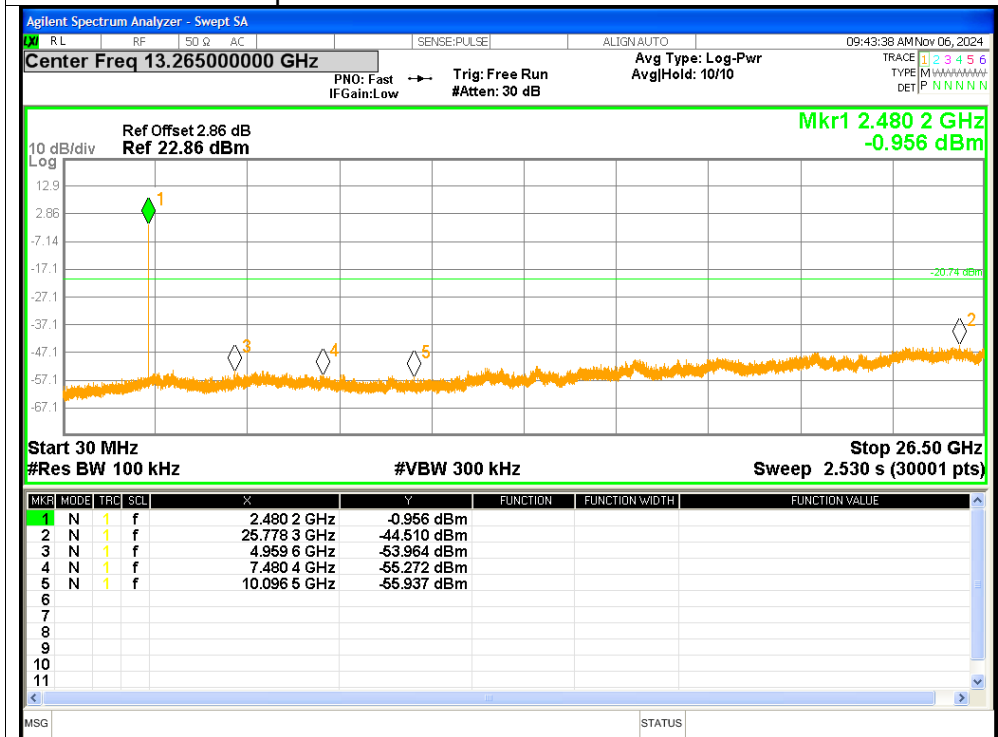
Tx. Spurious NVNT 1-DH5 2441MHz Emission



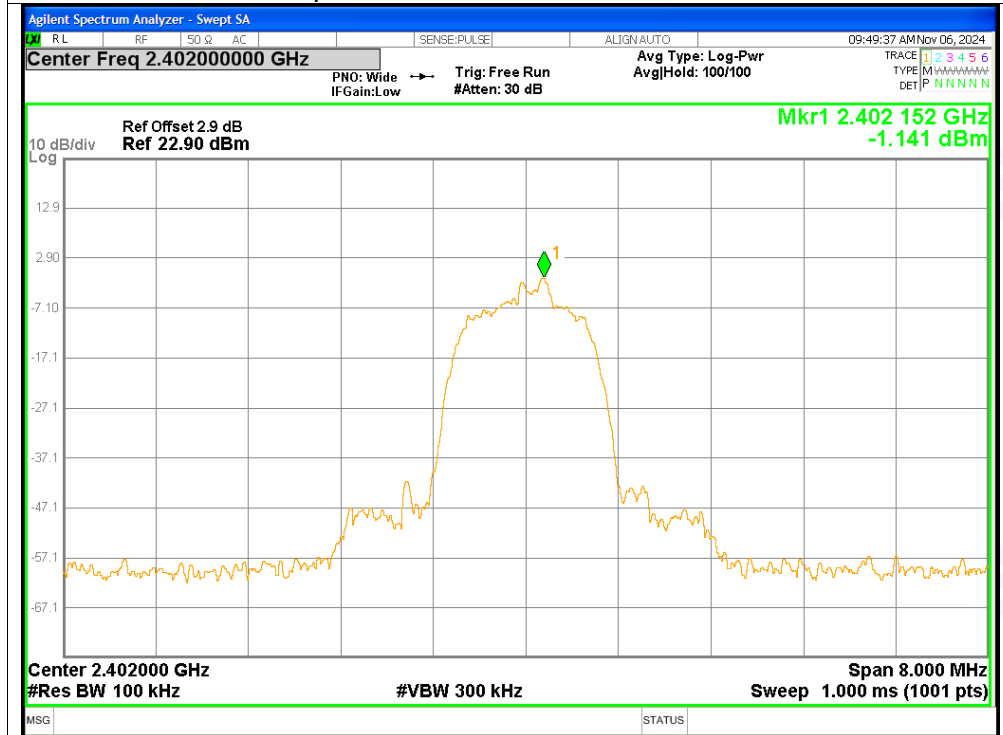
Tx. Spurious NVNT 1-DH5 2480MHz Ref



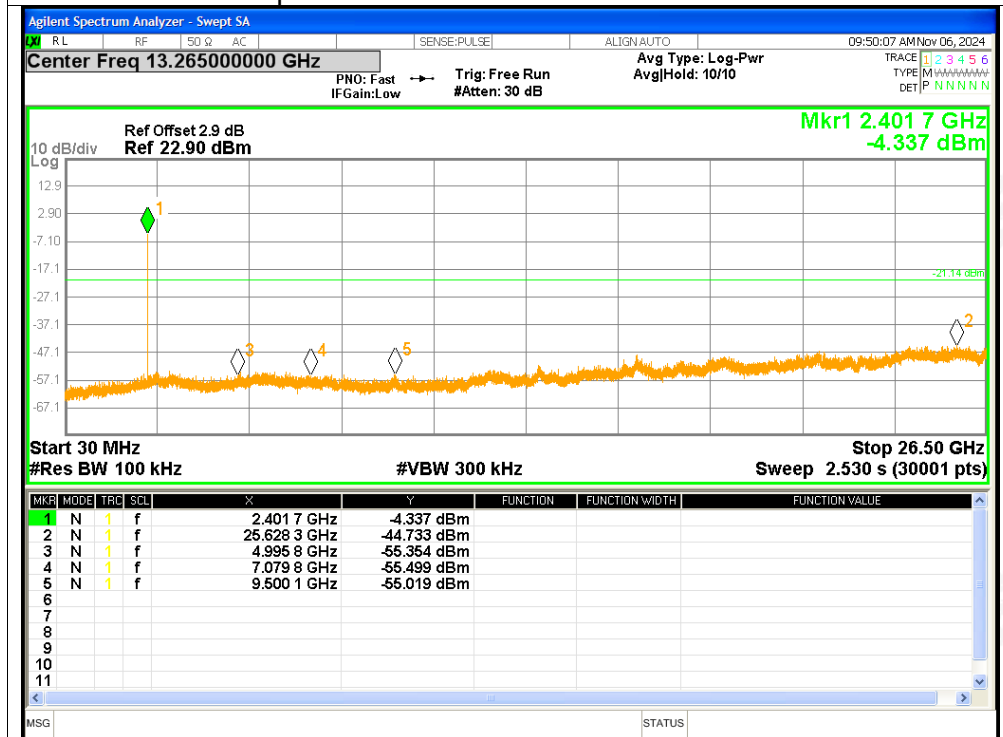
Tx. Spurious NVNT 1-DH5 2480MHz Emission



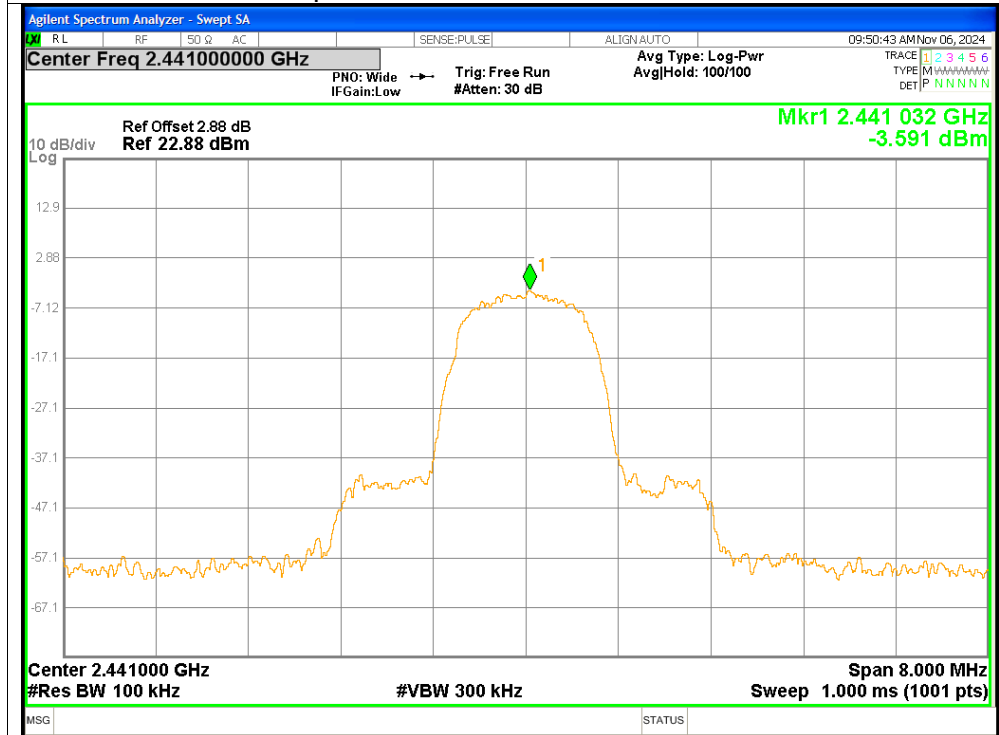
Tx. Spurious NVNT 2-DH5 2402MHz Ref



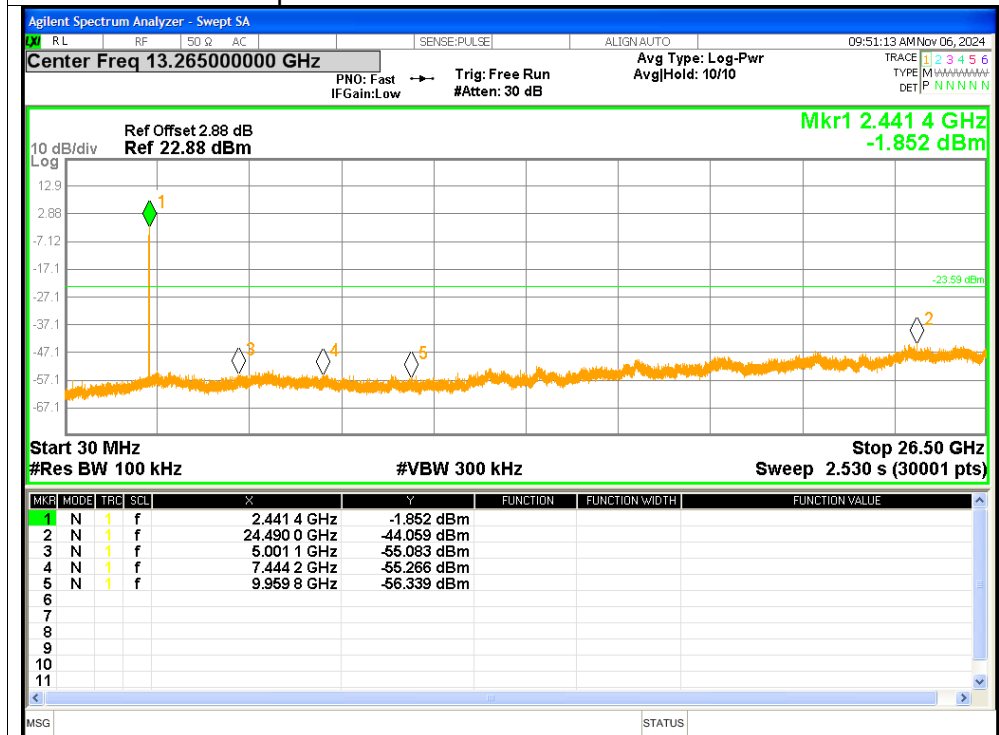
Tx. Spurious NVNT 2-DH5 2402MHz Emission



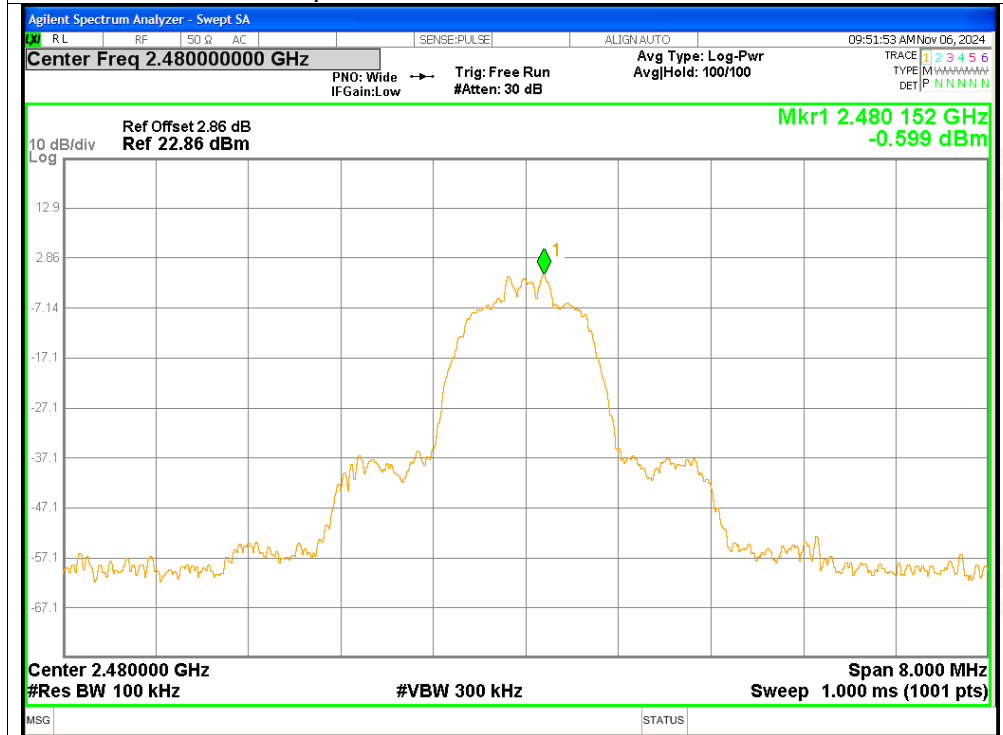
Tx. Spurious NVNT 2-DH5 2441MHz Ref



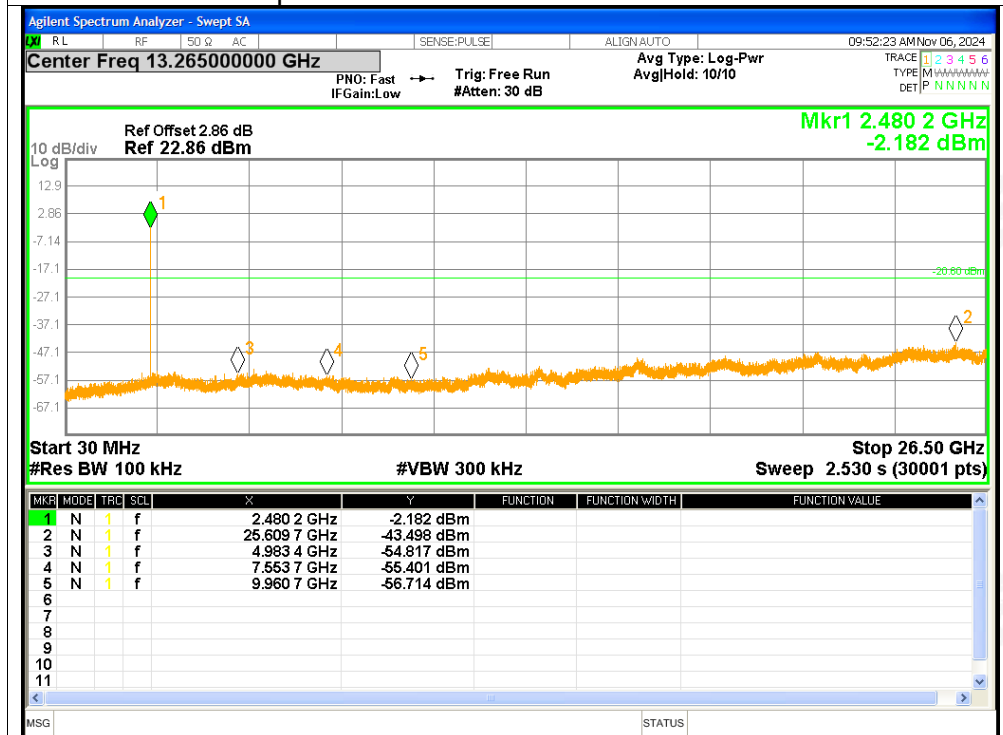
Tx. Spurious NVNT 2-DH5 2441MHz Emission



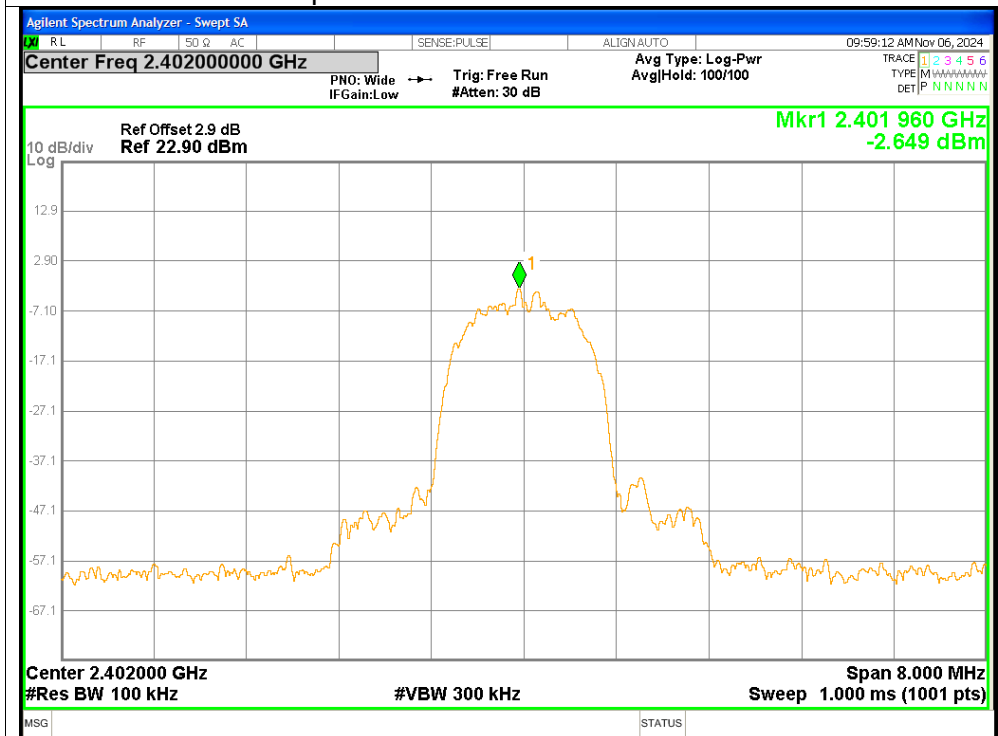
Tx. Spurious NVNT 2-DH5 2480MHz Ref



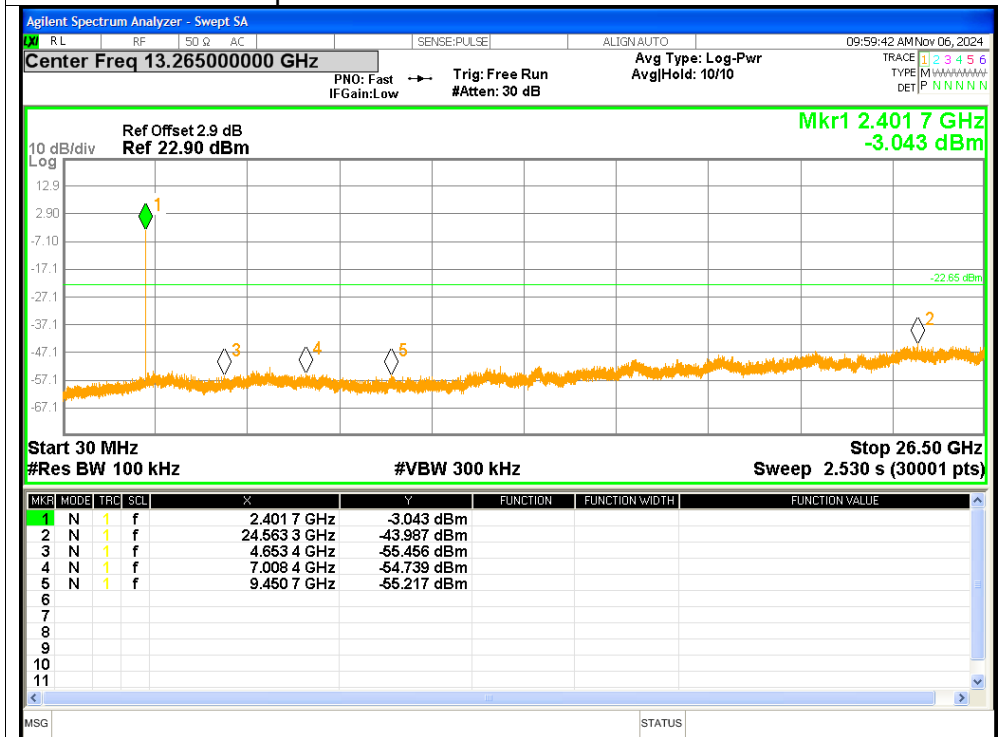
Tx. Spurious NVNT 2-DH5 2480MHz Emission



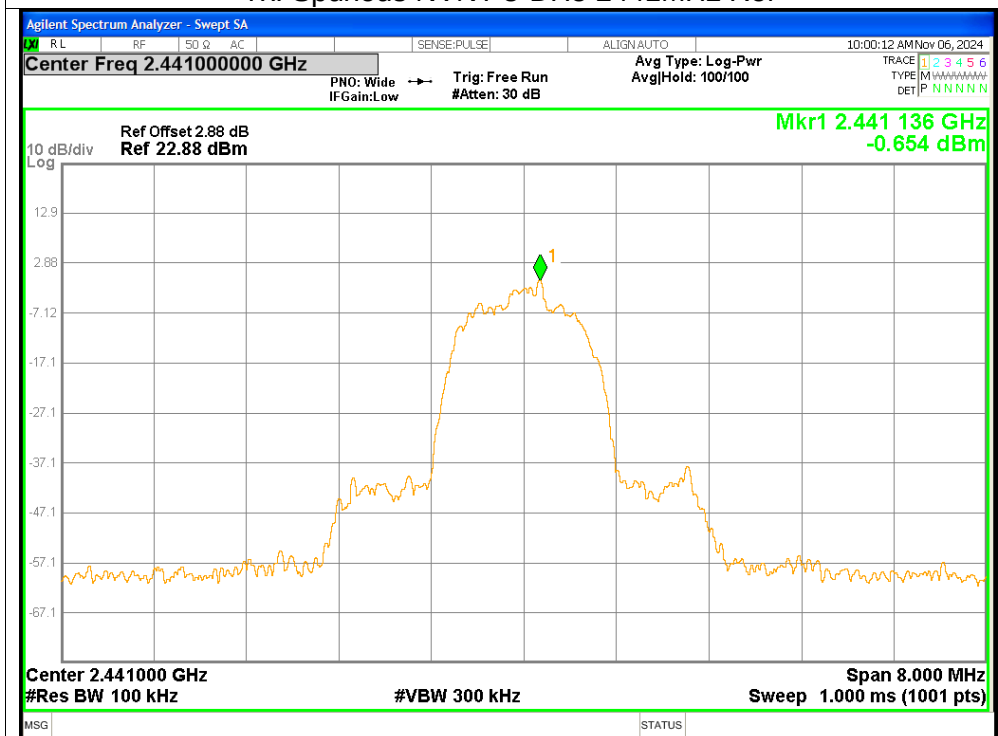
Tx. Spurious NVNT 3-DH5 2402MHz Ref



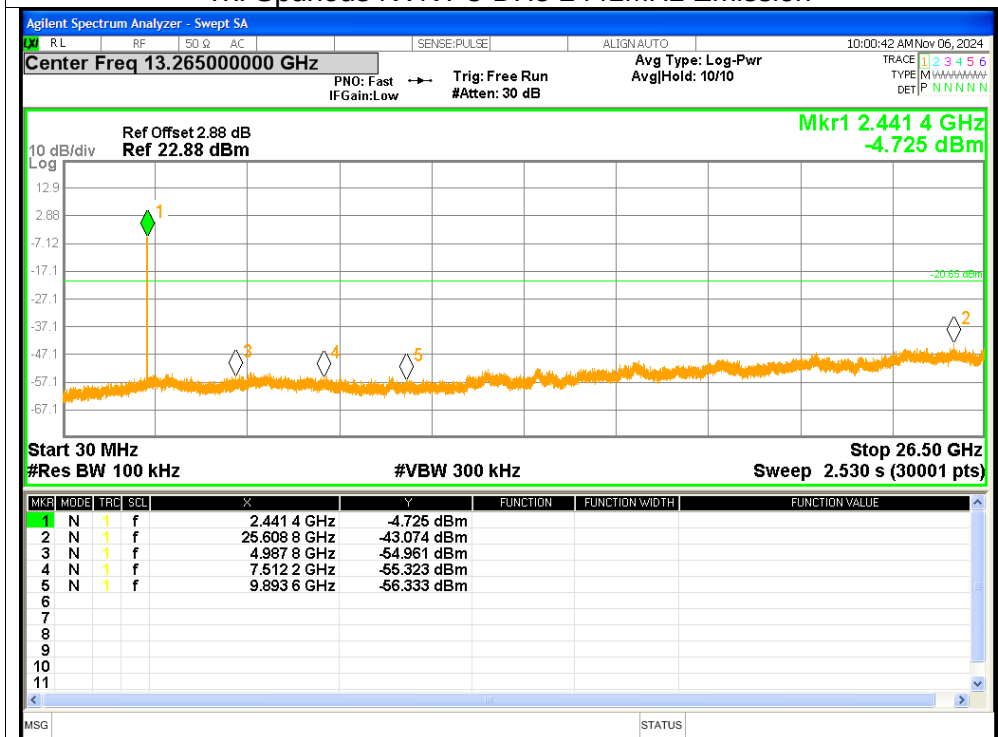
Tx. Spurious NVNT 3-DH5 2402MHz Emission



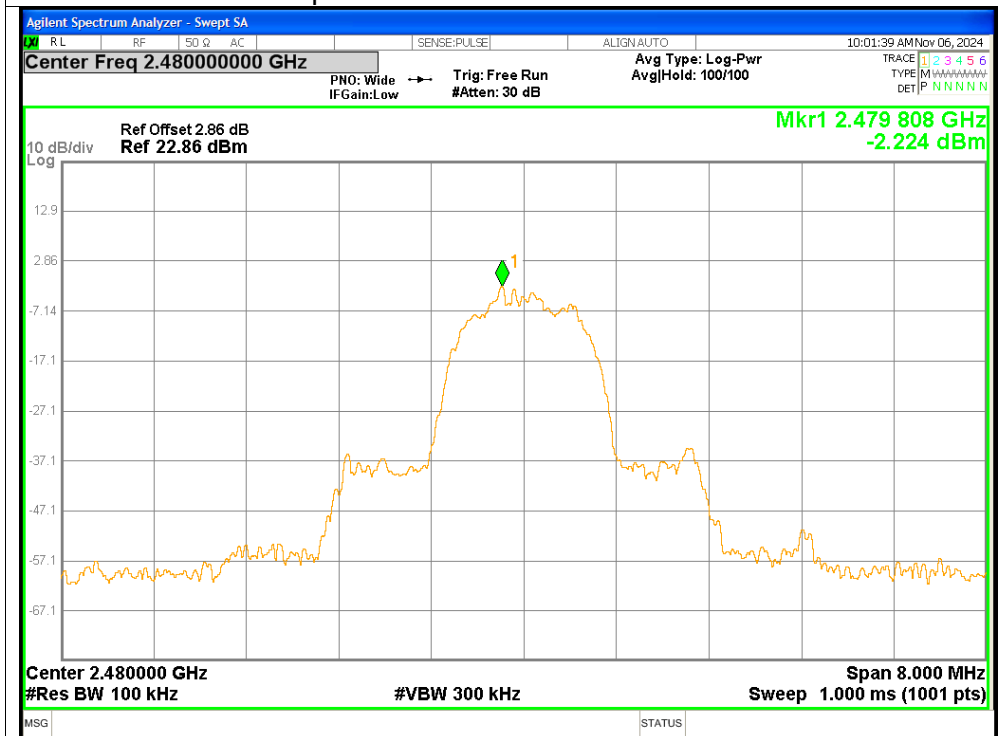
Tx. Spurious NVNT 3-DH5 2441MHz Ref



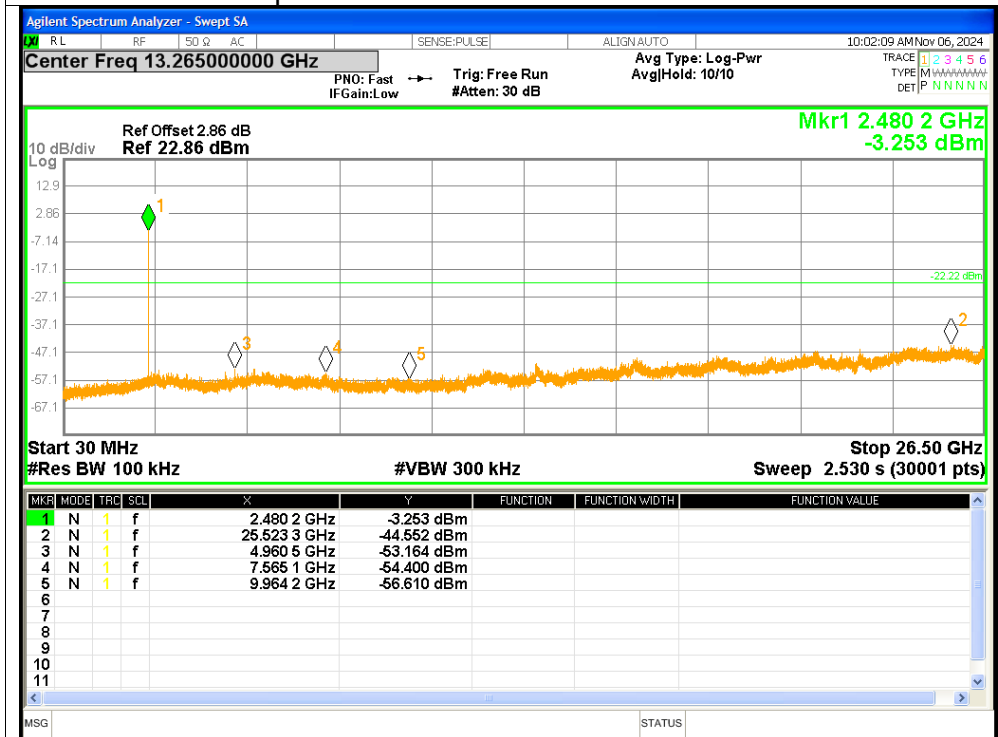
Tx. Spurious NVNT 3-DH5 2441MHz Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ref



Tx. Spurious NVNT 3-DH5 2480MHz Emission





APPENDIX 2-PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

*****END OF THE REPORT*****