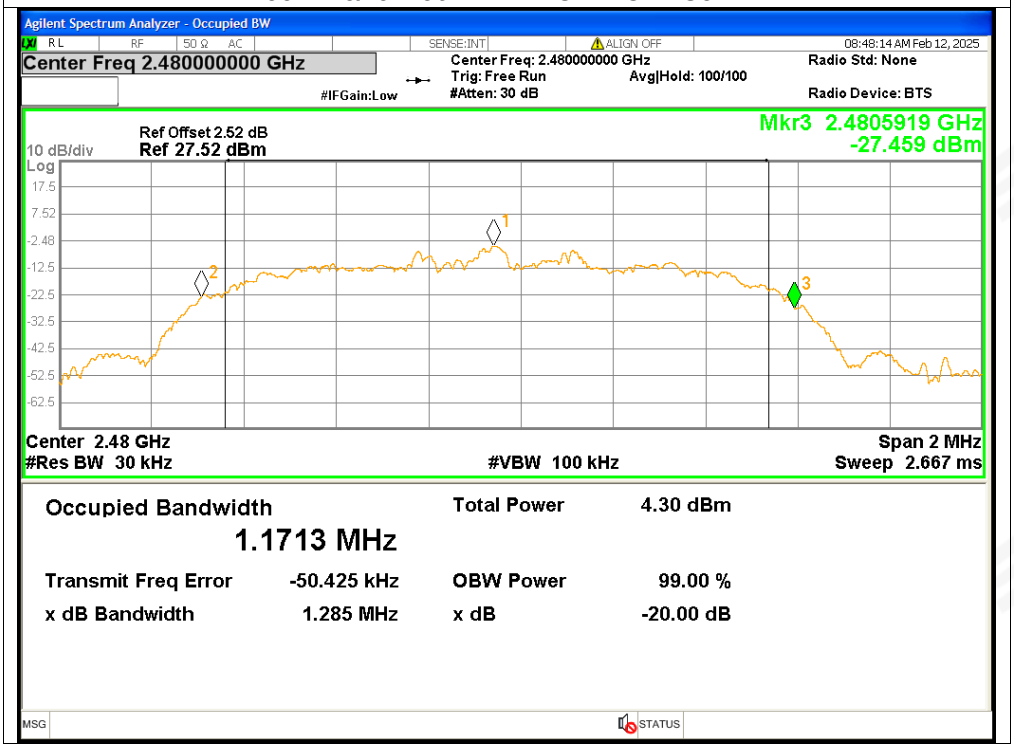
-20dB Bandwidth NVNT 3-DH5 2480MHz

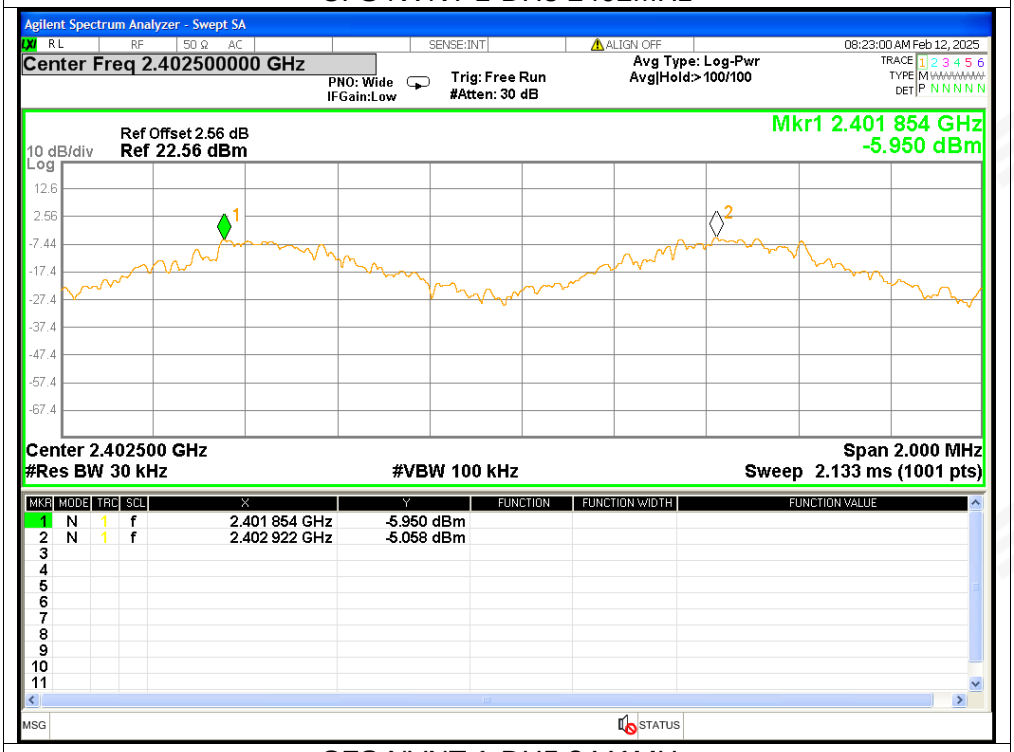


# 5. Carrier Frequencies Separation

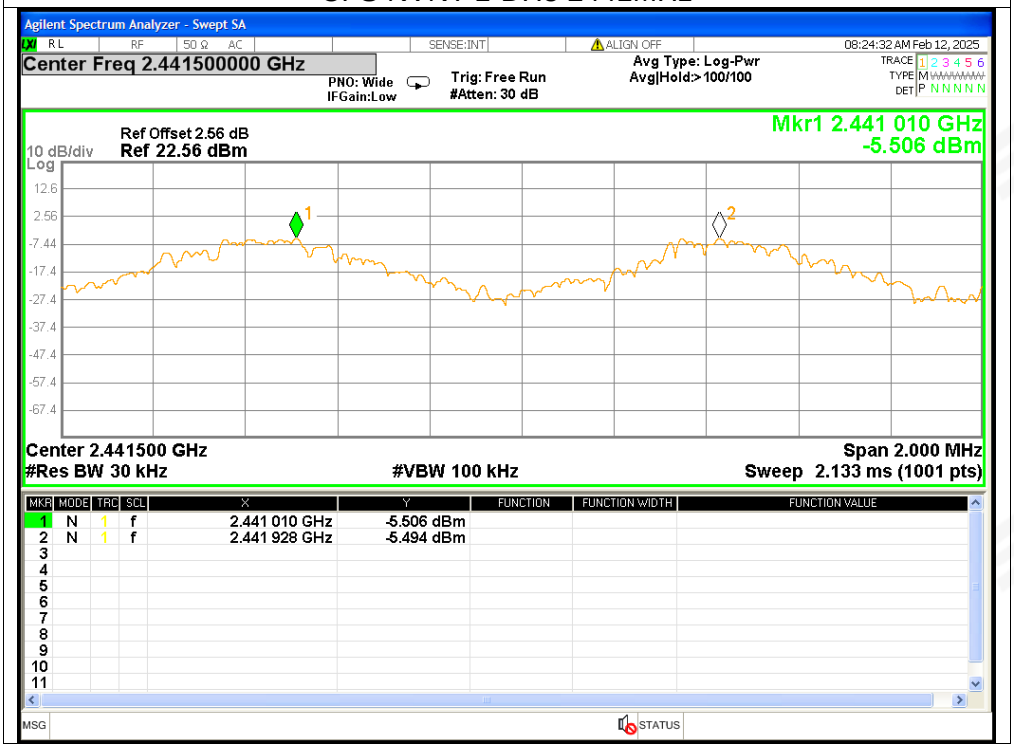
| Condition | Mode | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | 1-DH5 | 2401.854 | 2402.922 | 1.068 | >=0.637 | Pass |
| NVNT | 1-DH5 | 2441.01 | 2441.928 | 0.918 | >=0.631 | Pass |
| NVNT | 1-DH5 | 2478.928 | 2479.958 | 1.03 | >=0.633 | Pass |
| NVNT | 2-DH5 | 2401.794 | 2402.922 | 1.128 | >=0.867 | Pass |
| NVNT | 2-DH5 | 2440.77 | 2441.918 | 1.148 | >=0.87 | Pass |
| NVNT | 2-DH5 | 2478.948 | 2479.928 | 0.98 | >=0.849 | Pass |
| NVNT | 3-DH5 | 2401.79 | 2402.8 | 1.01 | >=0.842 | Pass |
| NVNT | 3-DH5 | 2440.864 | 2441.786 | 0.922 | >=0.859 | Pass |
| NVNT | 3-DH5 | 2478.808 | 2480.12 | 1.312 | >=0.856 | Pass |

## Test Graphs

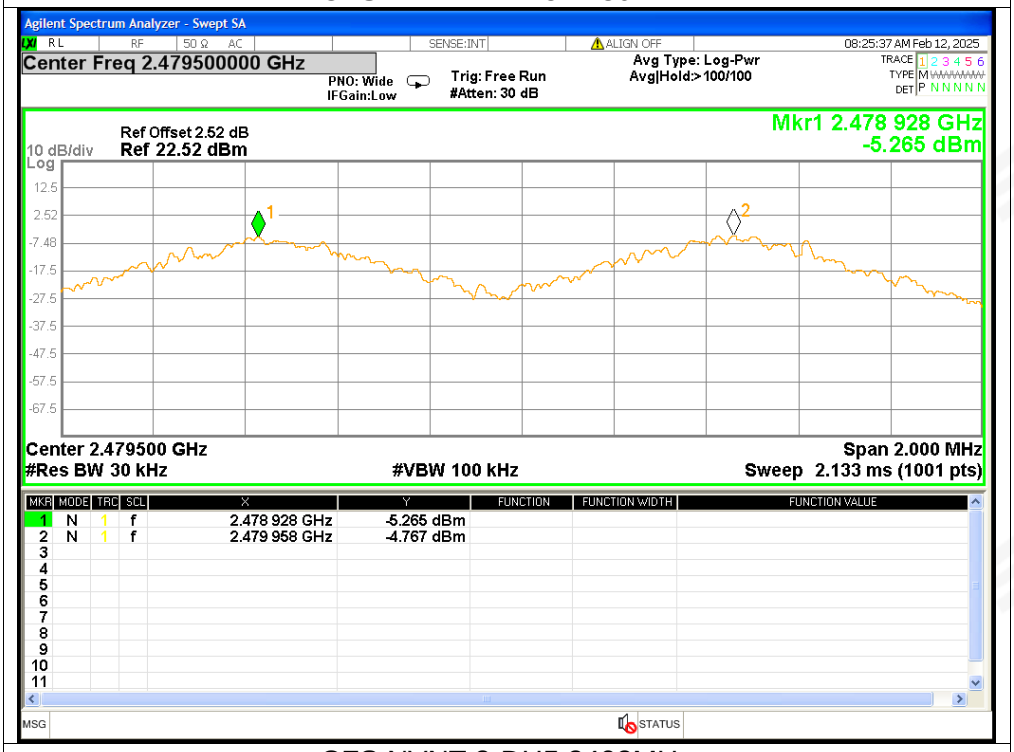
### CFS NVNT 1-DH5 2402MHz



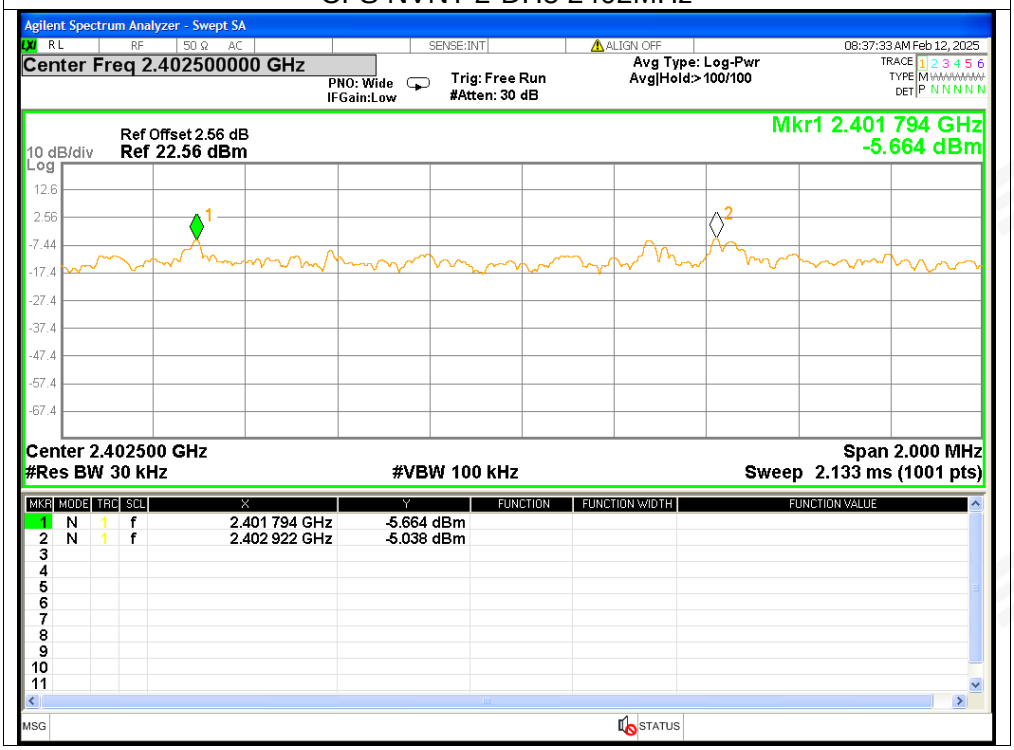

### CFS NVNT 1-DH5 2441MHz



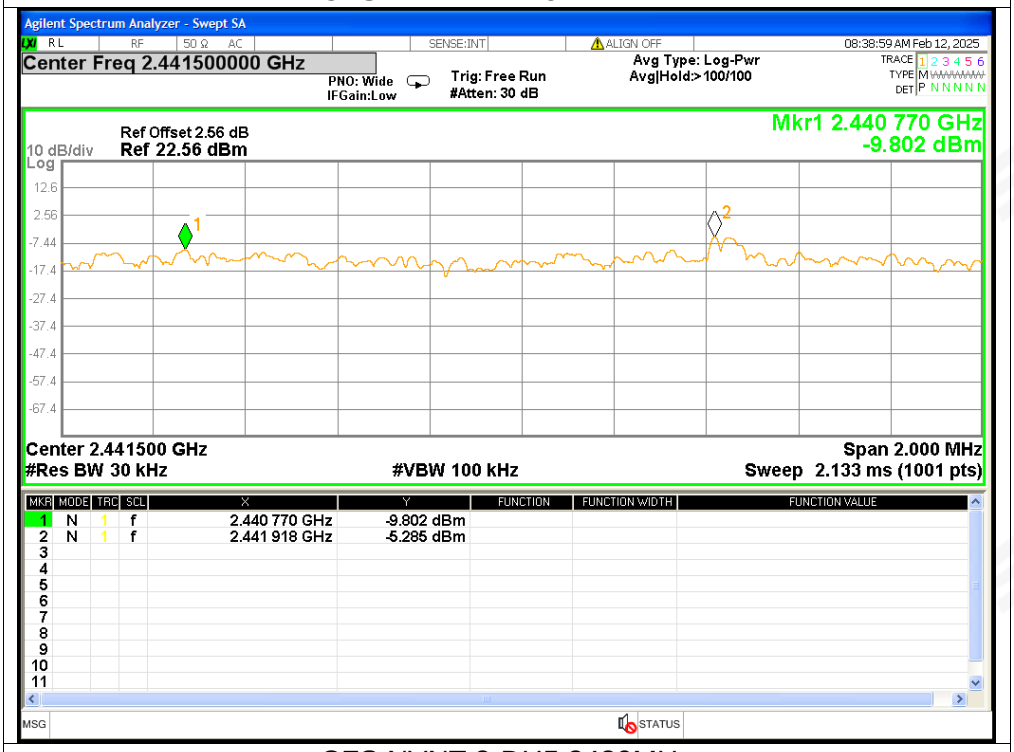
CFS NVNT 1-DH5 2480MHz



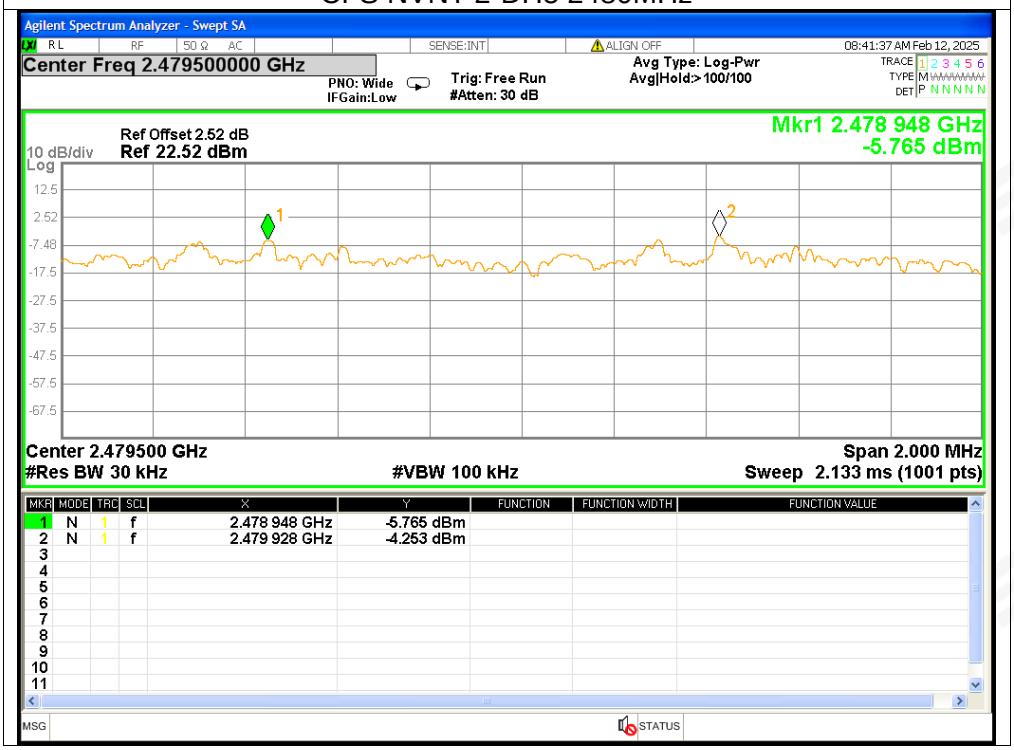

CFS NVNT 2-DH5 2402MHz



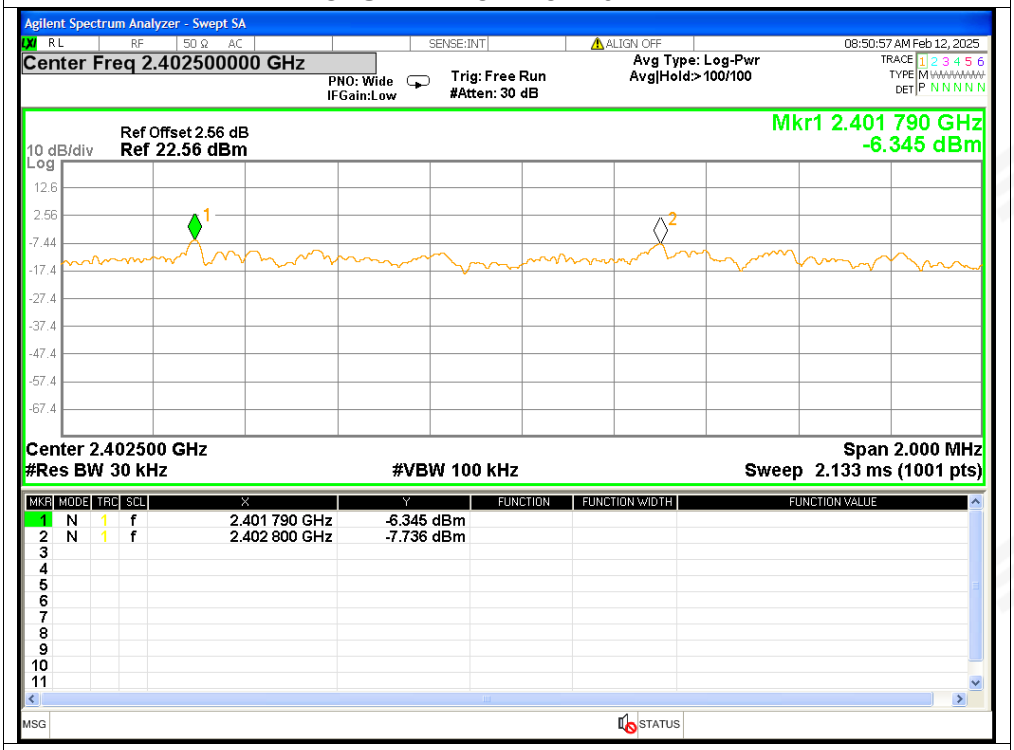
CFS NVNT 2-DH5 2441MHz



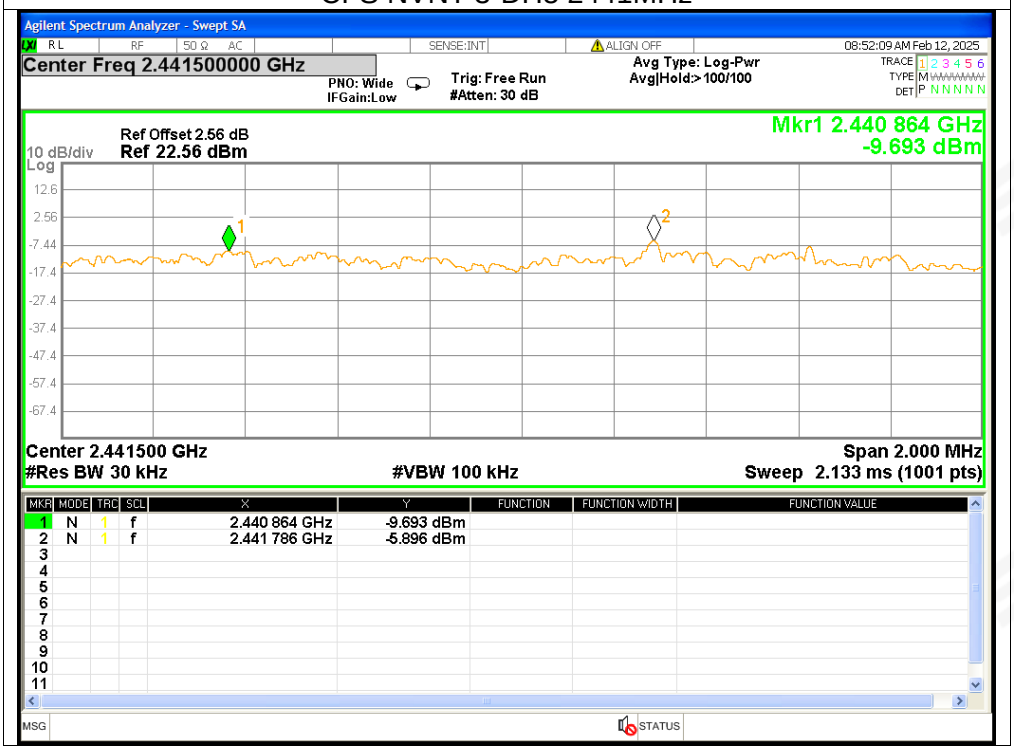

CFS NVNT 2-DH5 2480MHz



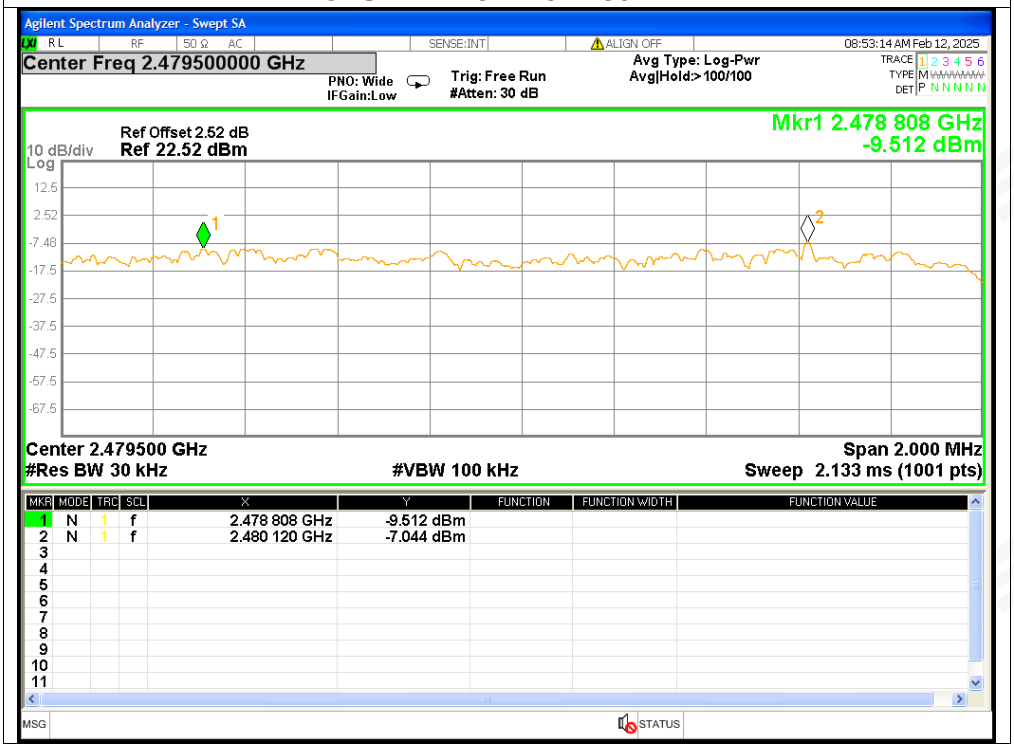
CFS NVNT 3-DH5 2402MHz




CFS NVNT 3-DH5 2441MHz



CFS NVNT 3-DH5 2480MHz

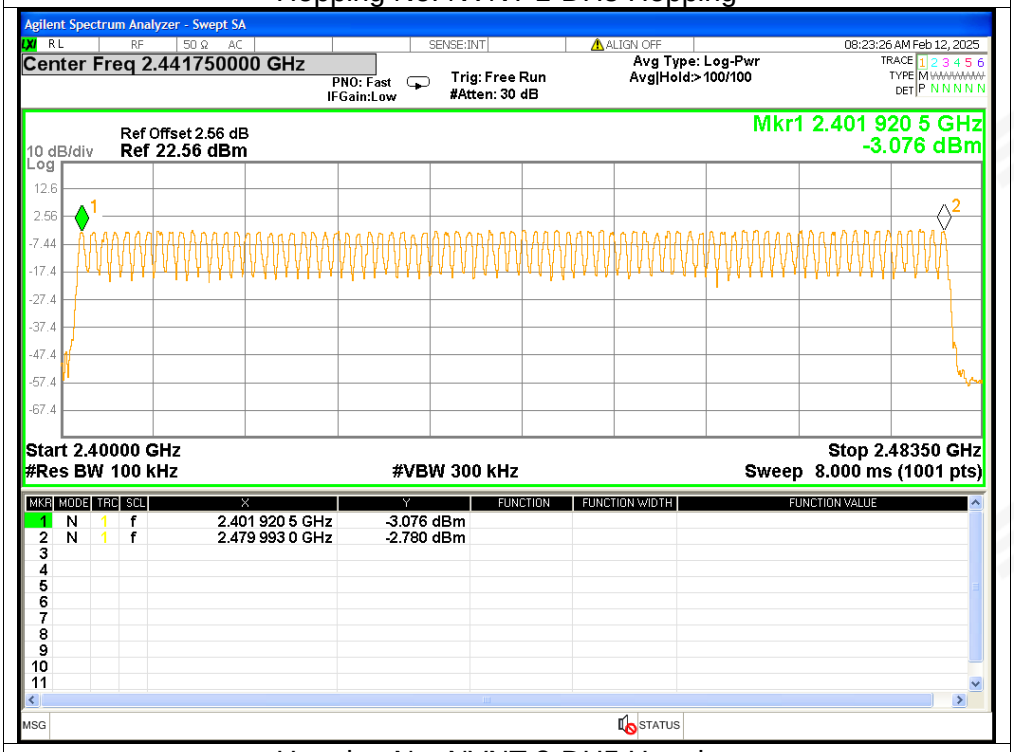


# 6. Number of Hopping Channel

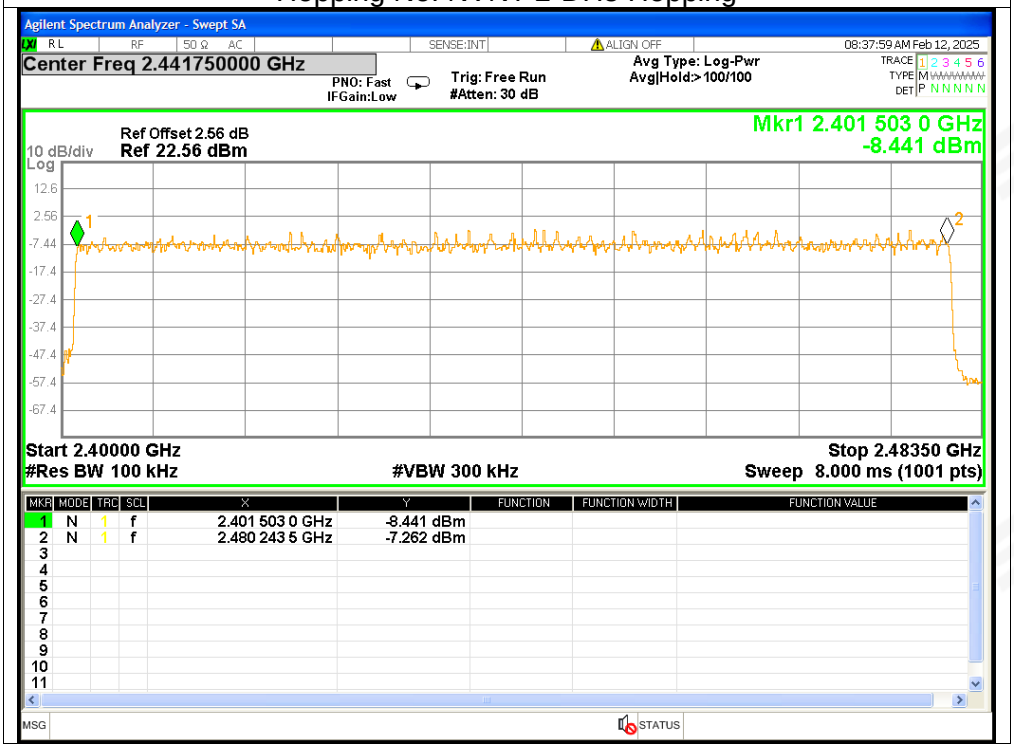
| Condition | Mode | Hopping Number | Limit | Verdict |
|---|---|---|---|---|
| NVNT | 1-DH5 | 79 | >=15 | Pass |
| NVNT | 2-DH5 | 79 | >=15 | Pass |
| NVNT | 3-DH5 | 79 | >=15 | Pass |

Test Graphs

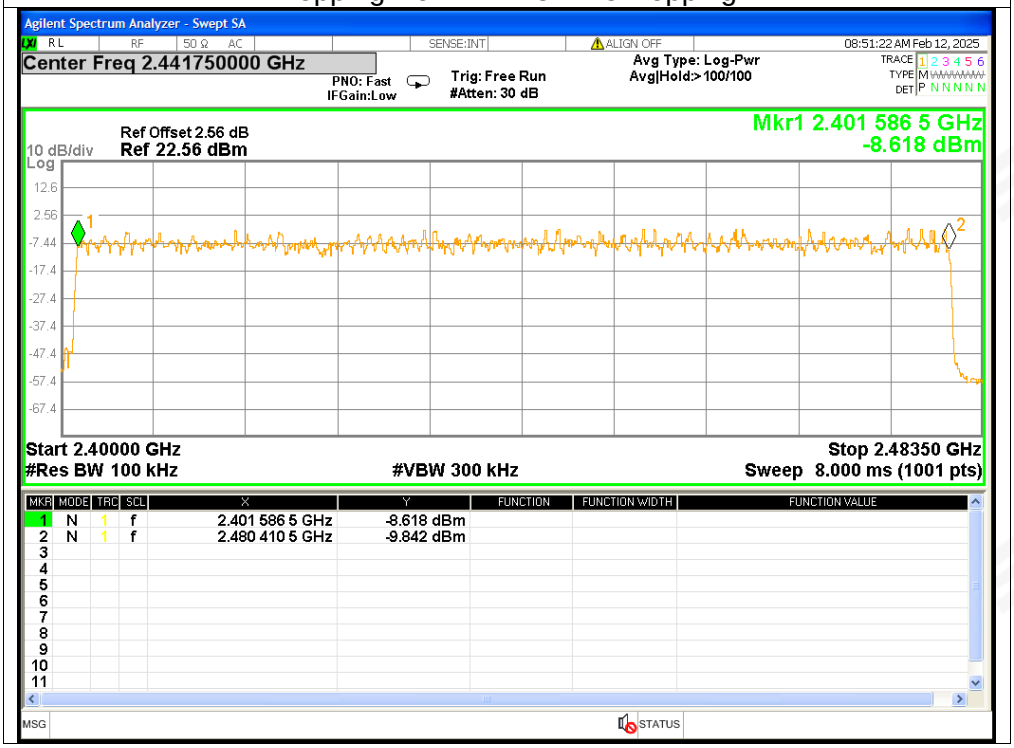
Hopping No. NVNT 1-DH5 Hopping




Hopping No. NVNT 2-DH5 Hopping



Hopping No. NVNT 3-DH5 Hopping

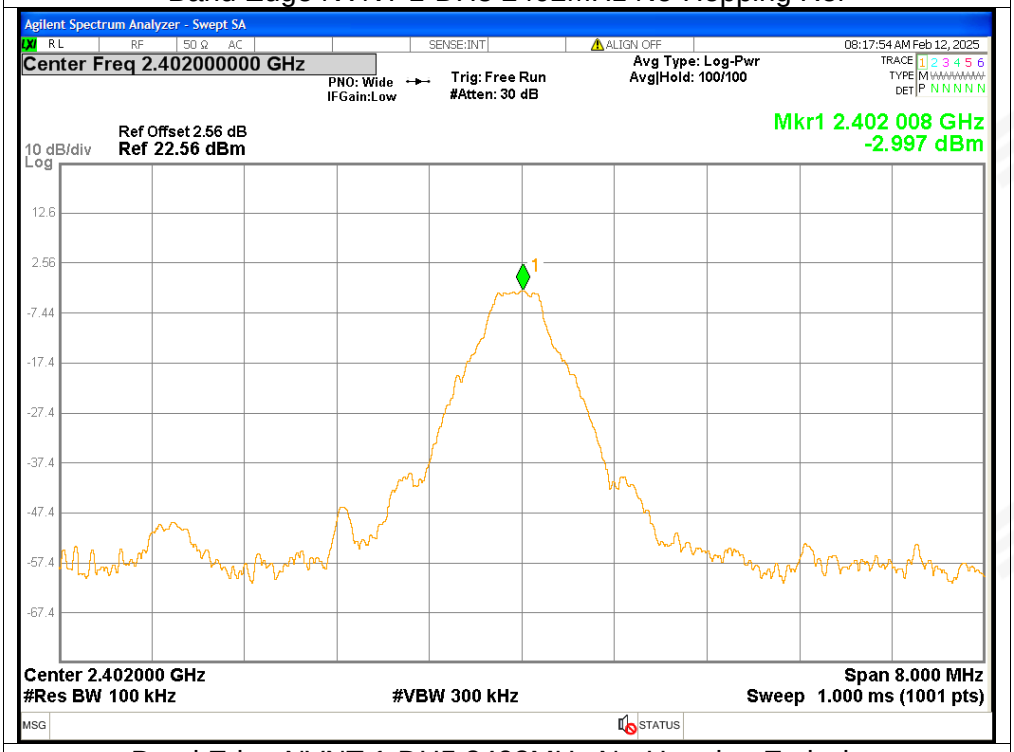


# 7. Band Edge

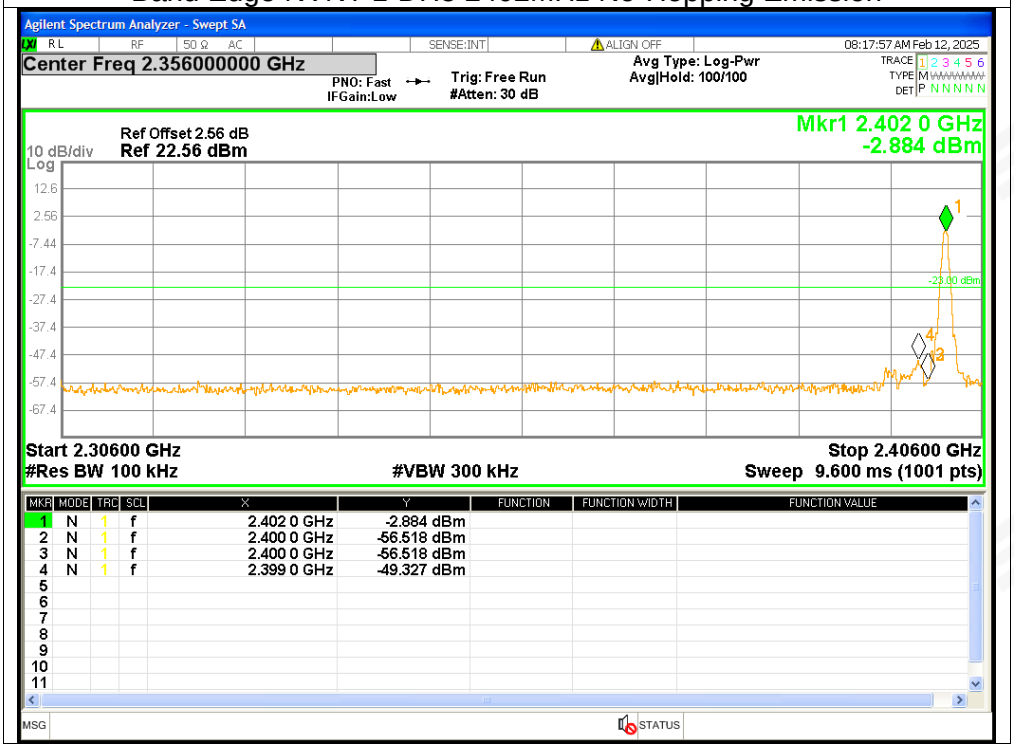
| Condition | Mode | Frequency (MHz) | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | 1-DH5 | 2402 | No-Hopping | -46.32 | <=-20 | Pass |
| NVNT | 1-DH5 | 2480 | No-Hopping | -53.2 | <=-20 | Pass |
| NVNT | 2-DH5 | 2402 | No-Hopping | -49.73 | <=-20 | Pass |
| NVNT | 2-DH5 | 2480 | No-Hopping | -53.49 | <=-20 | Pass |
| NVNT | 3-DH5 | 2402 | No-Hopping | -47.74 | <=-20 | Pass |
| NVNT | 3-DH5 | 2480 | No-Hopping | -52.42 | <=-20 | Pass |

## Test Graphs

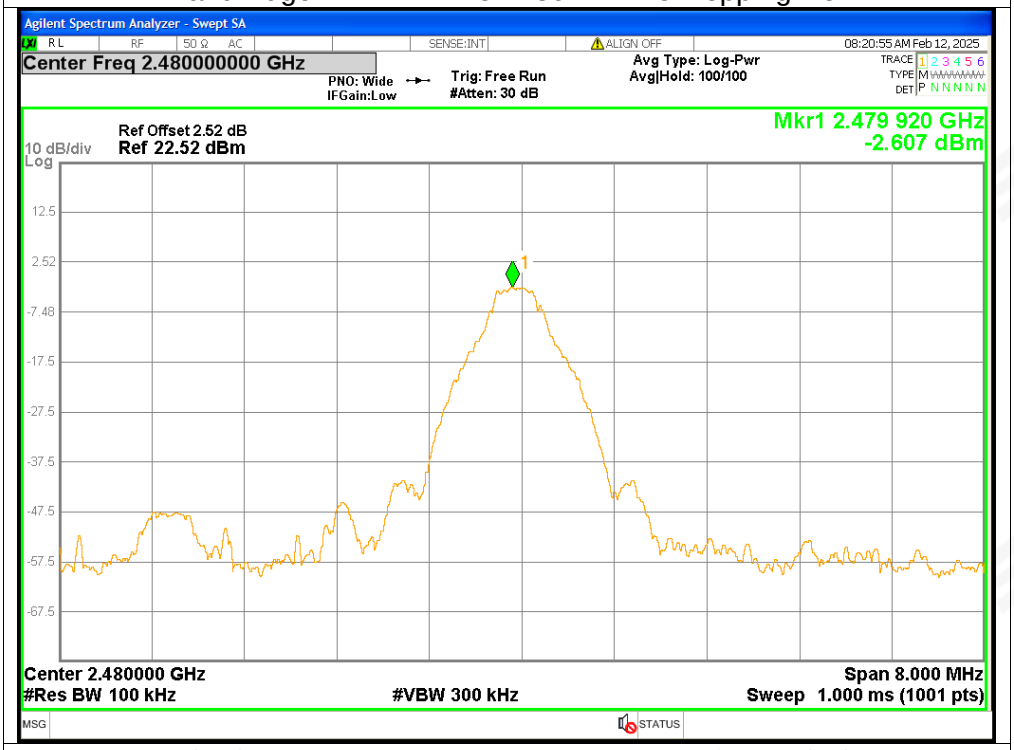
### Band Edge NVNT 1-DH5 2402MHz No-Hopping Ref



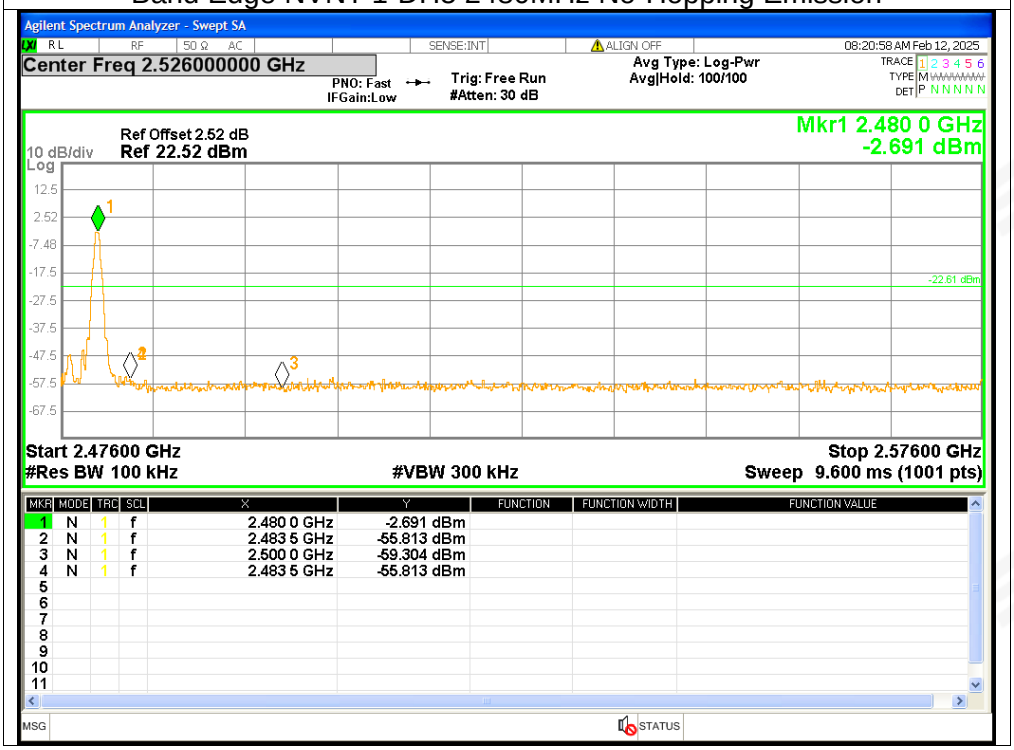

### Band Edge NVNT 1-DH5 2402MHz No-Hopping Emission



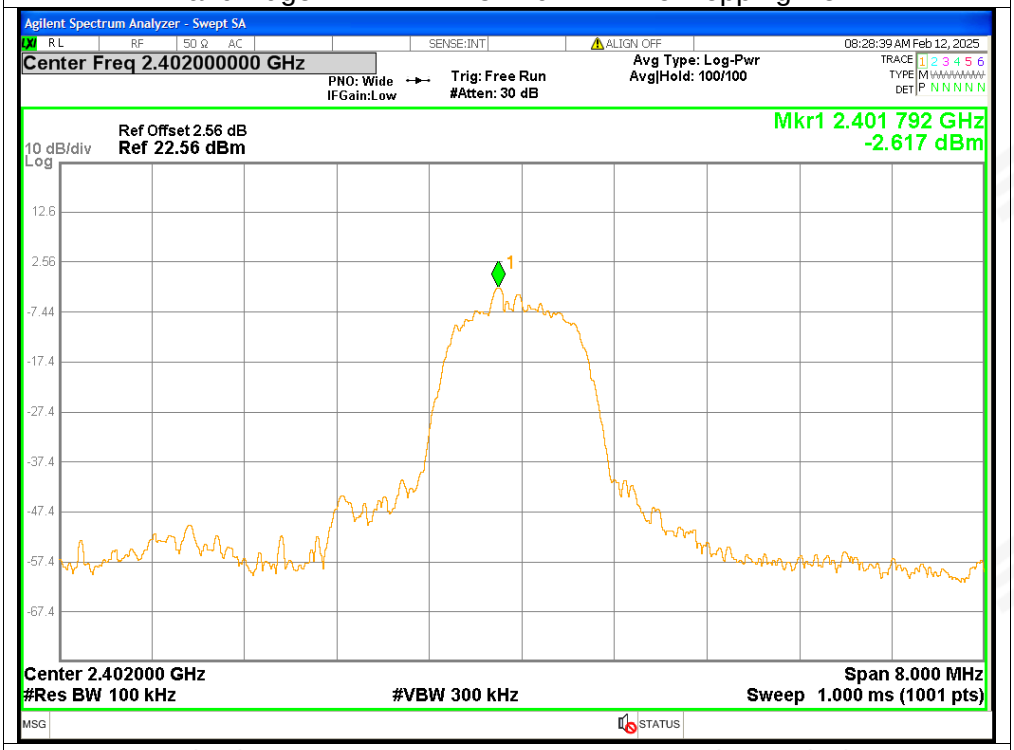
Band Edge NVNT 1-DH5 2480MHz No-Hopping Ref



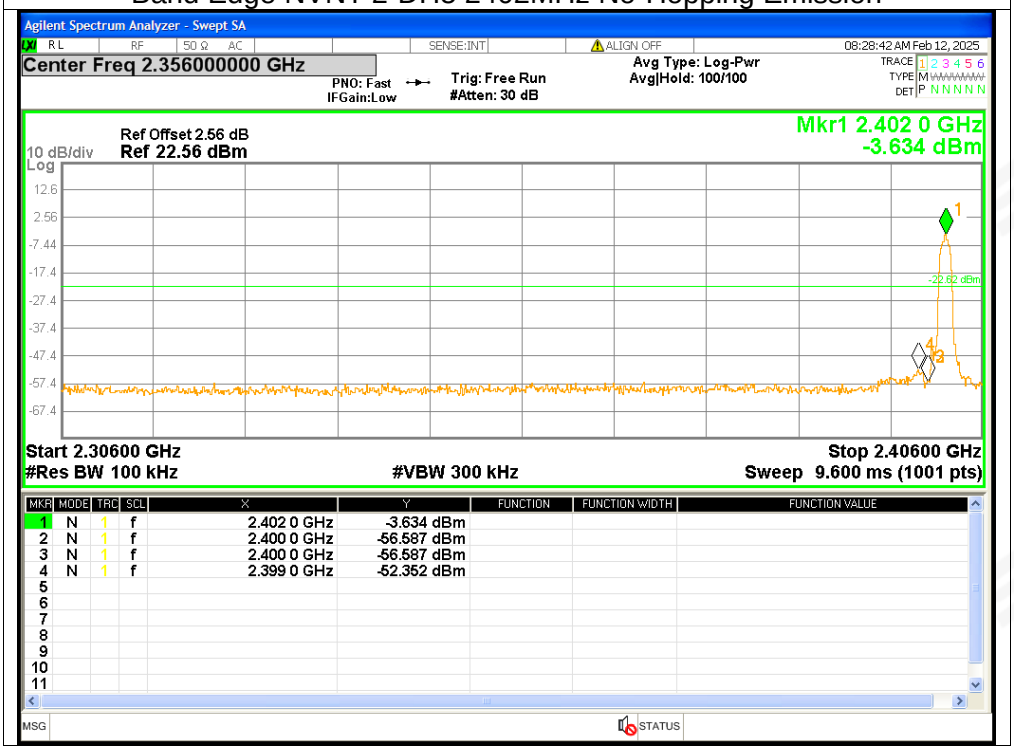

Band Edge NVNT 1-DH5 2480MHz No-Hopping Emission



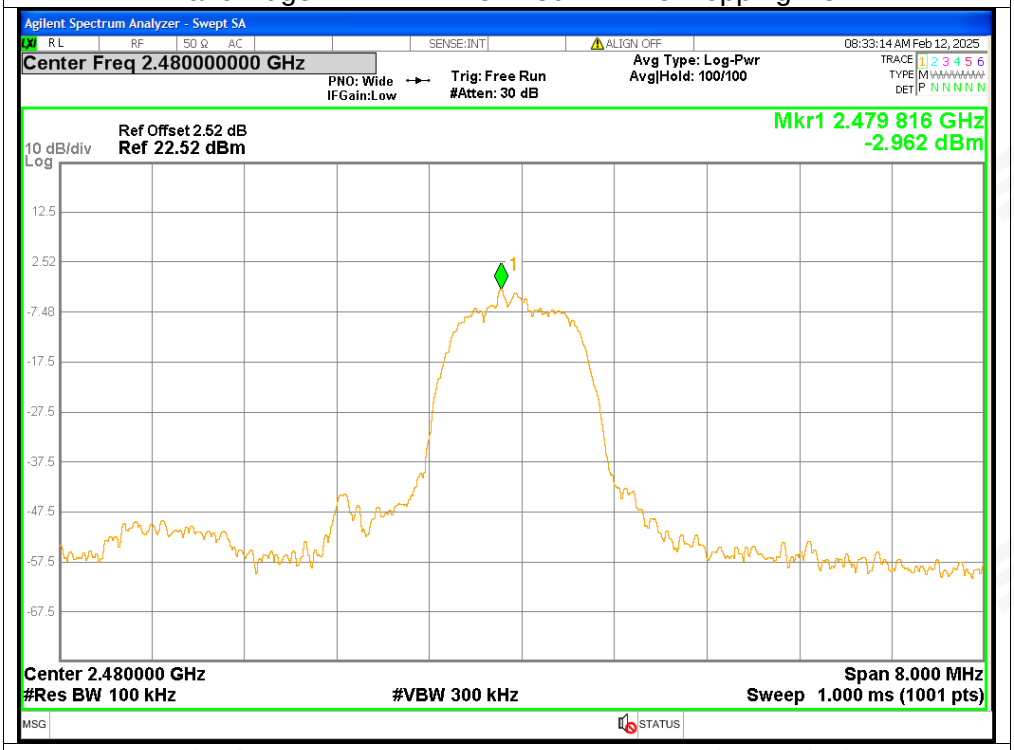
Band Edge NVNT 2-DH5 2402MHz No-Hopping Ref



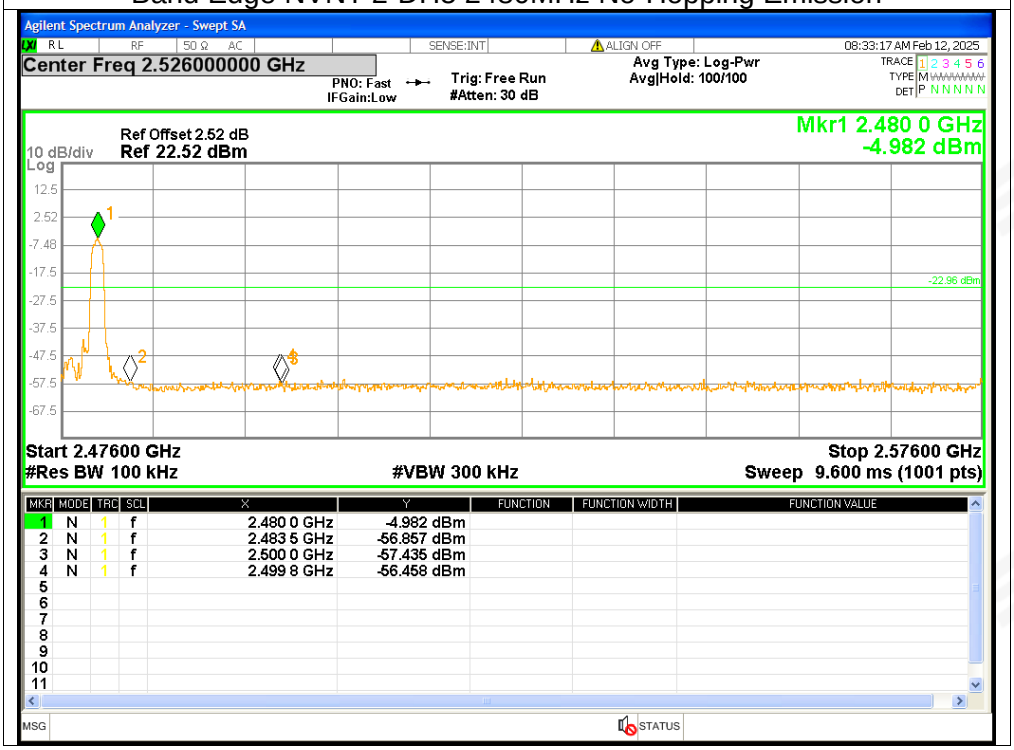

Band Edge NVNT 2-DH5 2402MHz No-Hopping Emission



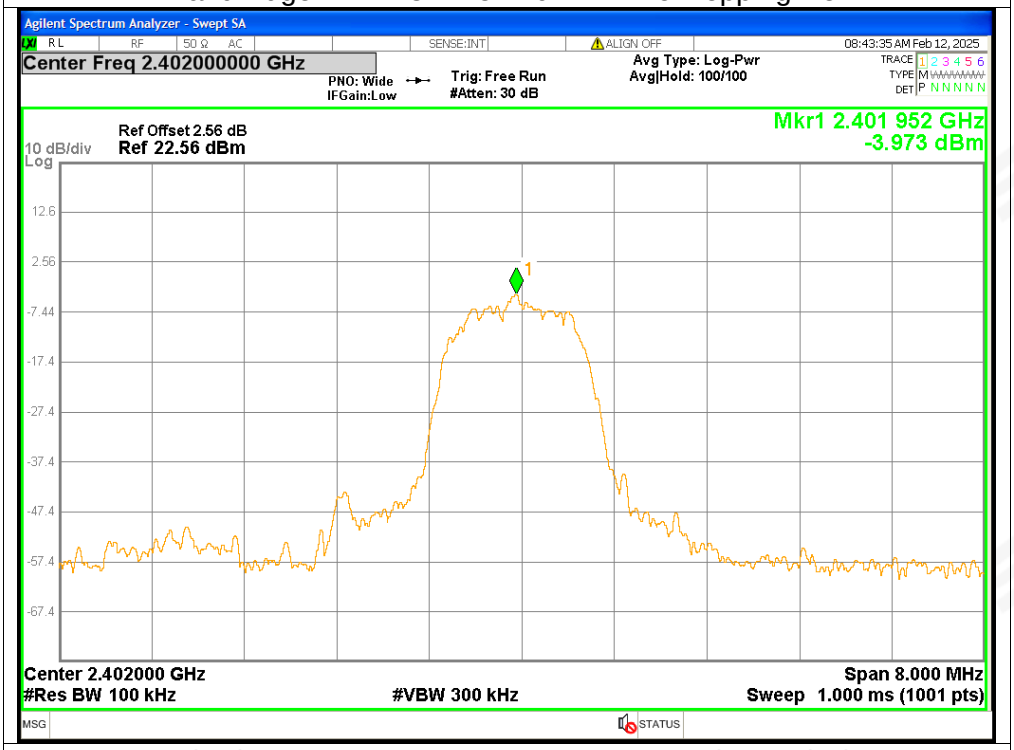
Band Edge NVNT 2-DH5 2480MHz No-Hopping Ref



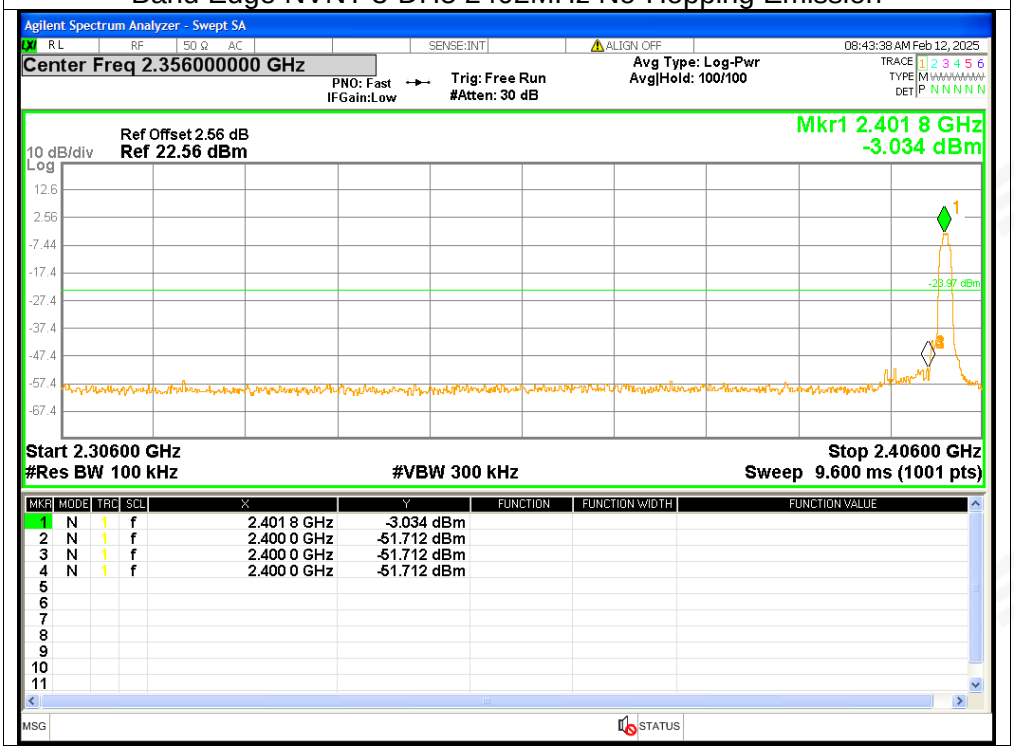

Band Edge NVNT 2-DH5 2480MHz No-Hopping Emission



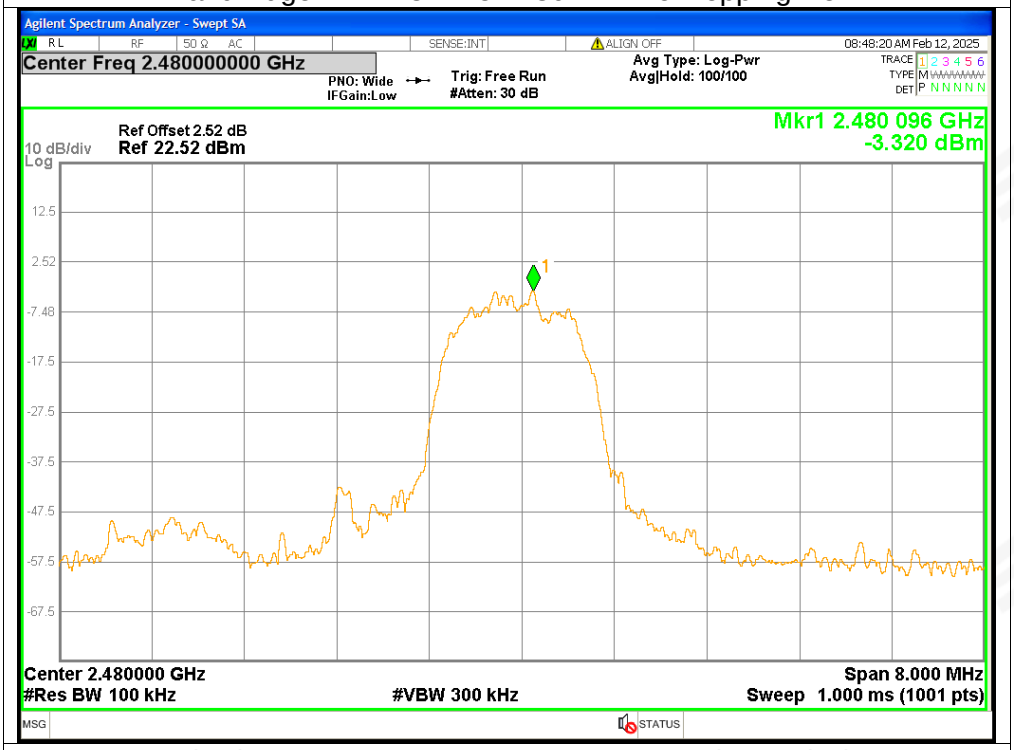
Band Edge NVNT 3-DH5 2402MHz No-Hopping Ref



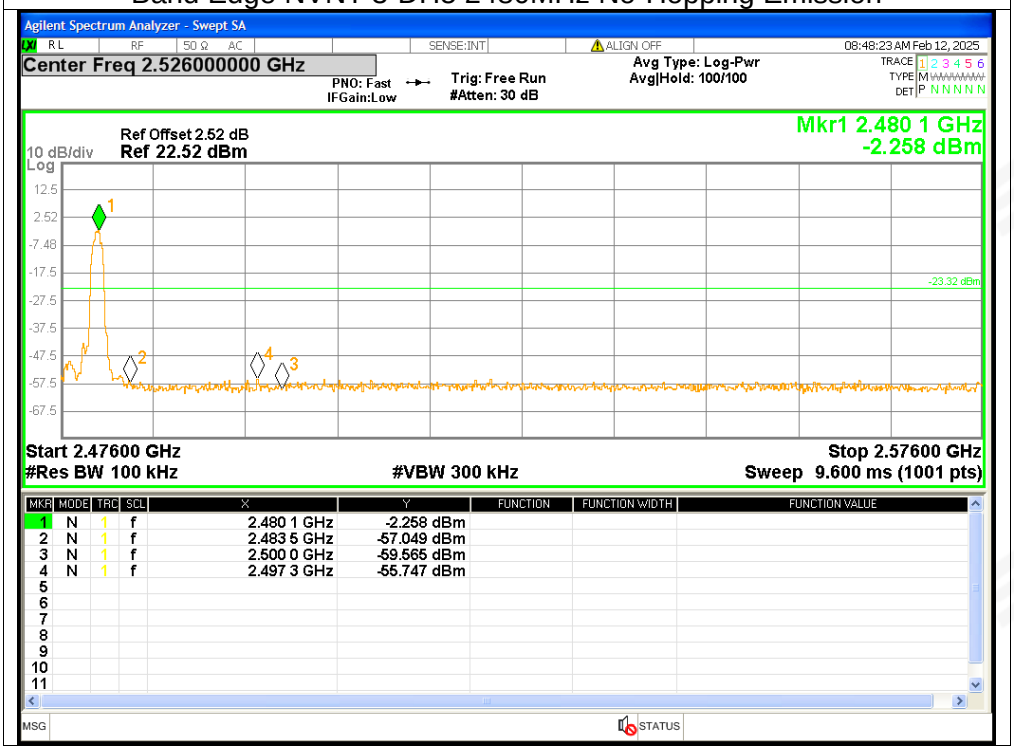

Band Edge NVNT 3-DH5 2402MHz No-Hopping Emission



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




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

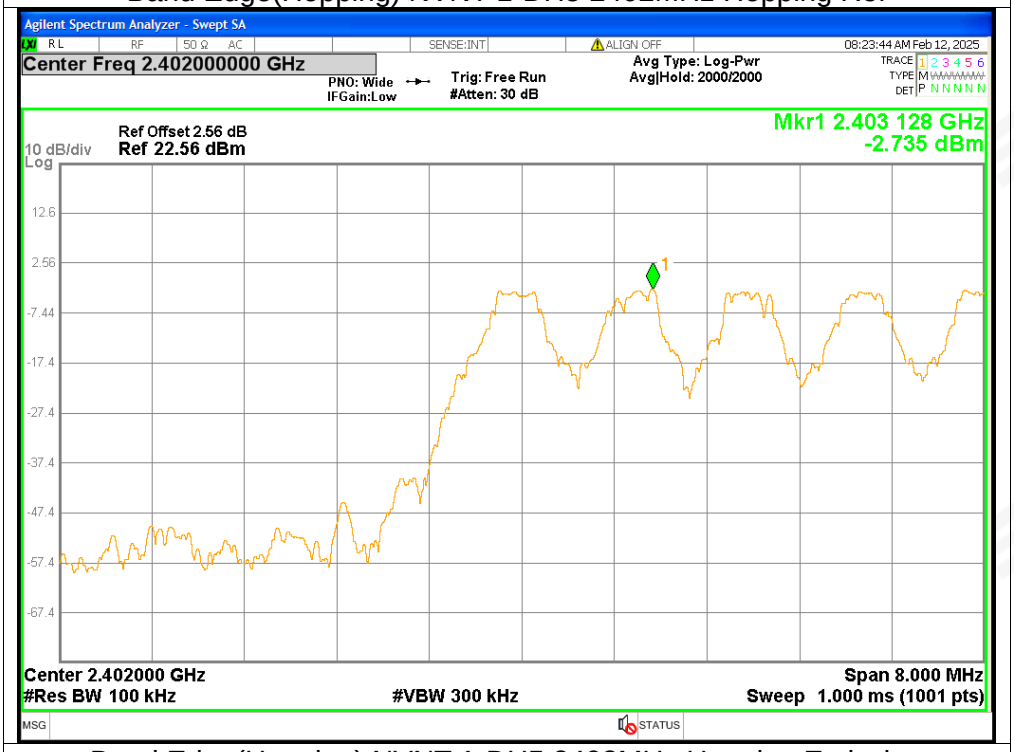


# 8. Band Edge(Hopping)

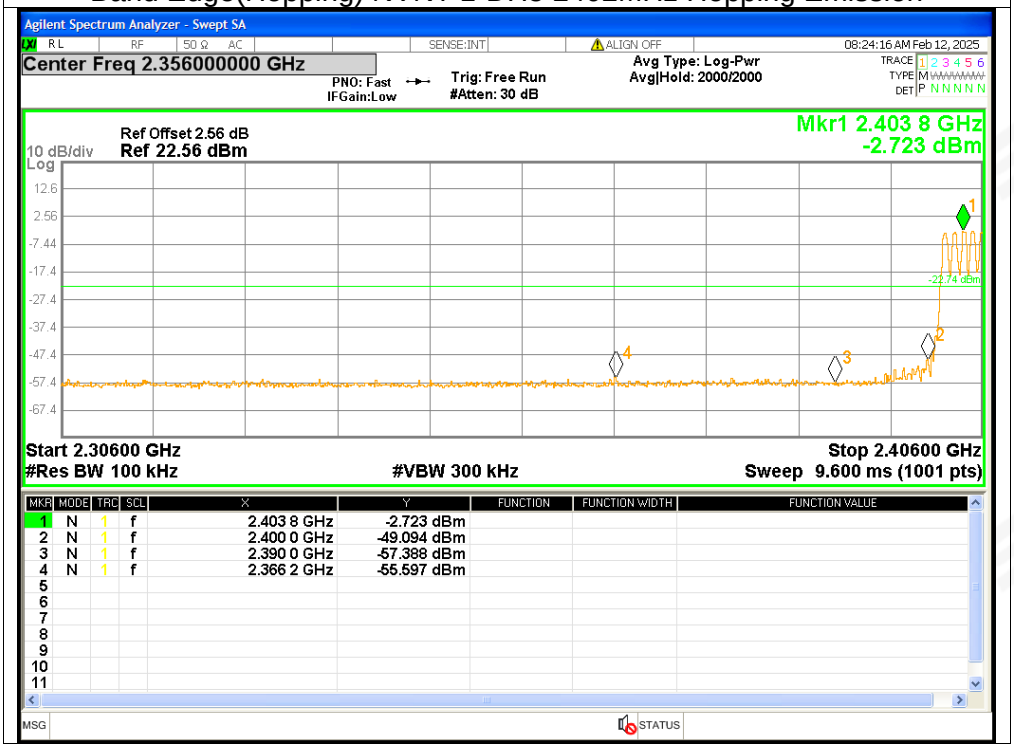
| Condition | Mode | Frequency (MHz) | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | 1-DH5 | 2402 | Hopping | -52.86 | <=-20 | Pass |
| NVNT | 1-DH5 | 2480 | Hopping | -52.33 | <=-20 | Pass |
| NVNT | 2-DH5 | 2402 | Hopping | -52.46 | <=-20 | Pass |
| NVNT | 2-DH5 | 2480 | Hopping | -53.29 | <=-20 | Pass |
| NVNT | 3-DH5 | 2402 | Hopping | -54.04 | <=-20 | Pass |
| NVNT | 3-DH5 | 2480 | Hopping | -53.29 | <=-20 | Pass |

## Test Graphs

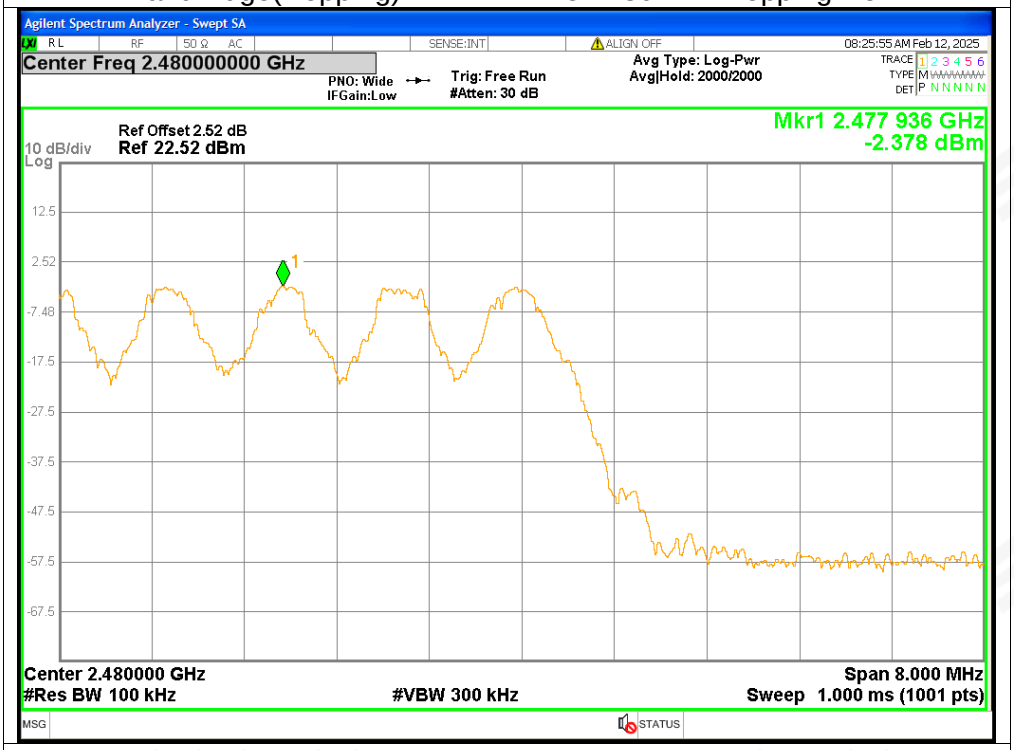
### Band Edge(Hopping) NVNT 1-DH5 2402MHz Hopping Ref



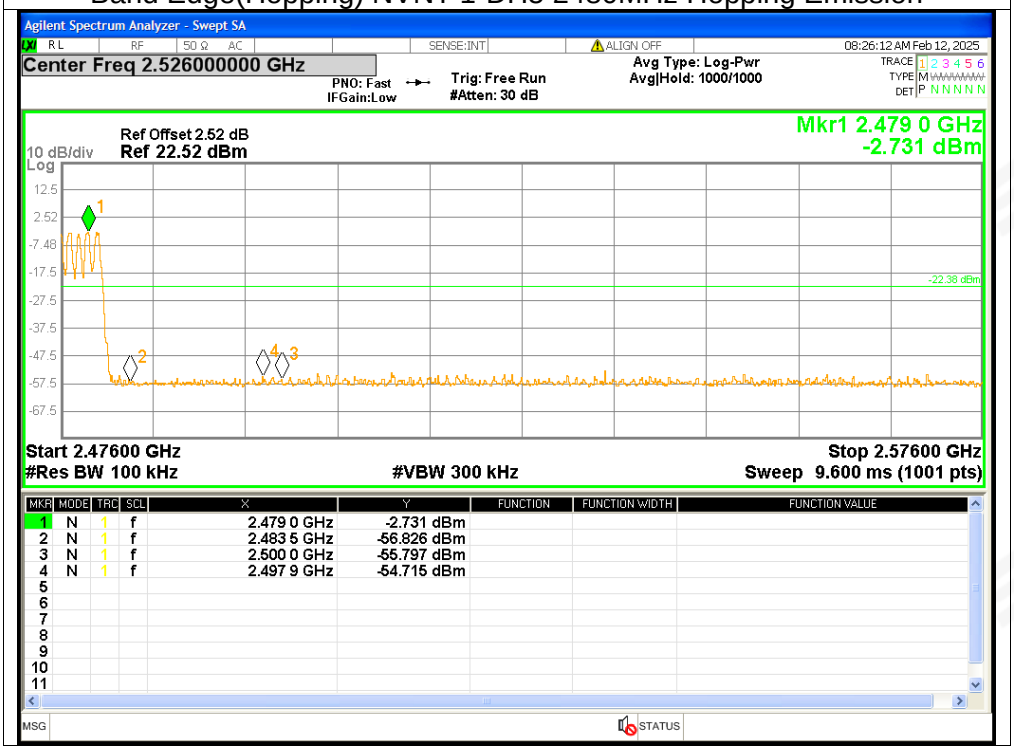

### Band Edge(Hopping) NVNT 1-DH5 2402MHz Hopping Emission



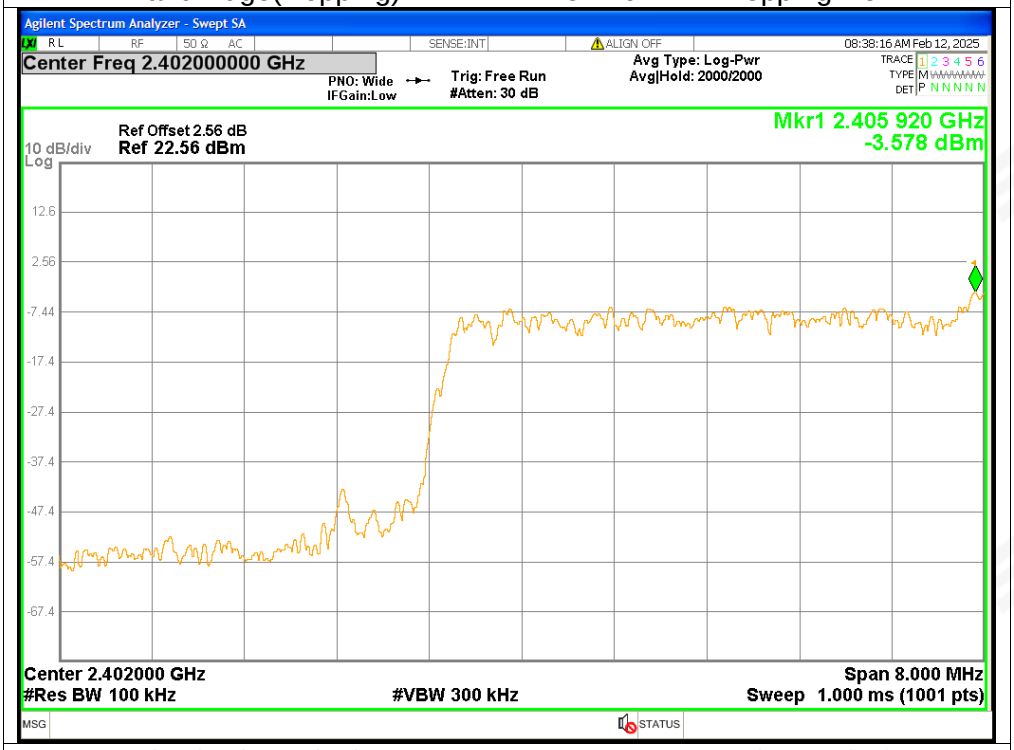
Band Edge(Hopping) NVNT 1-DH5 2480MHz Hopping Ref



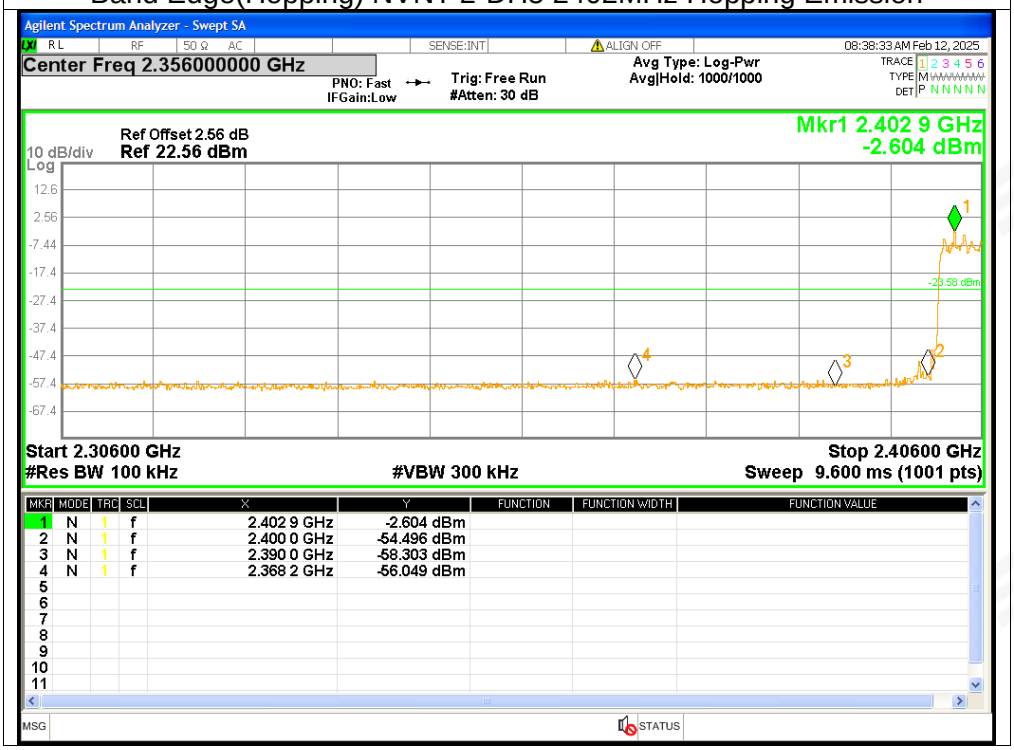

Band Edge(Hopping) NVNT 1-DH5 2480MHz Hopping Emission



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

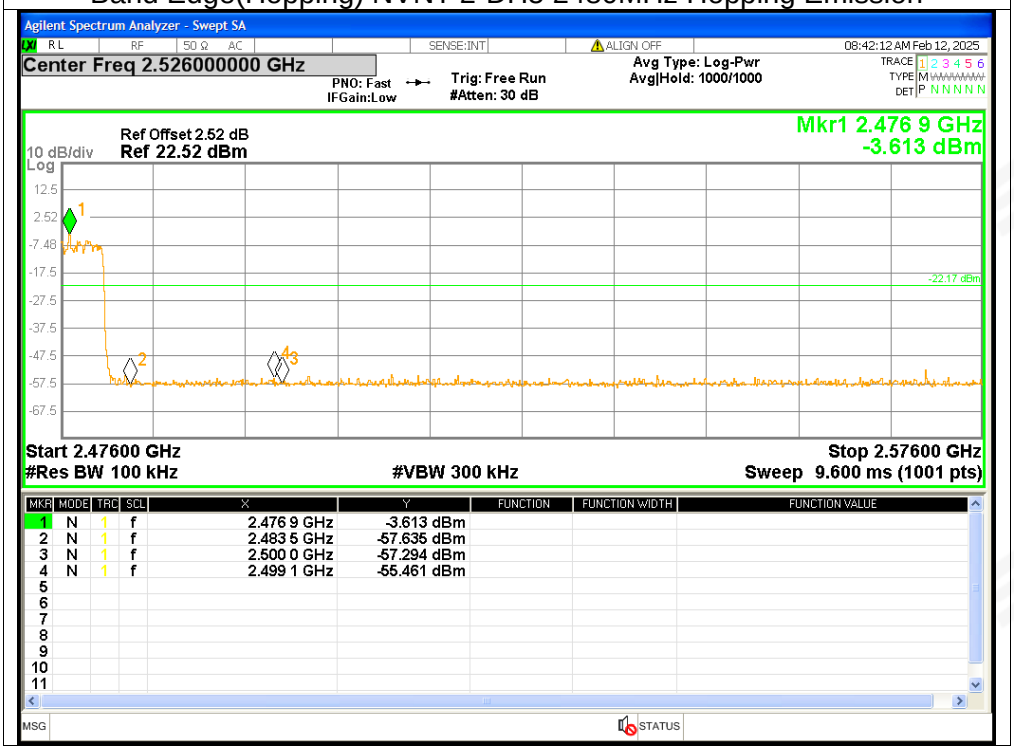



Band Edge(Hopping) NVNT 2-DH5 2402MHz Hopping Emission

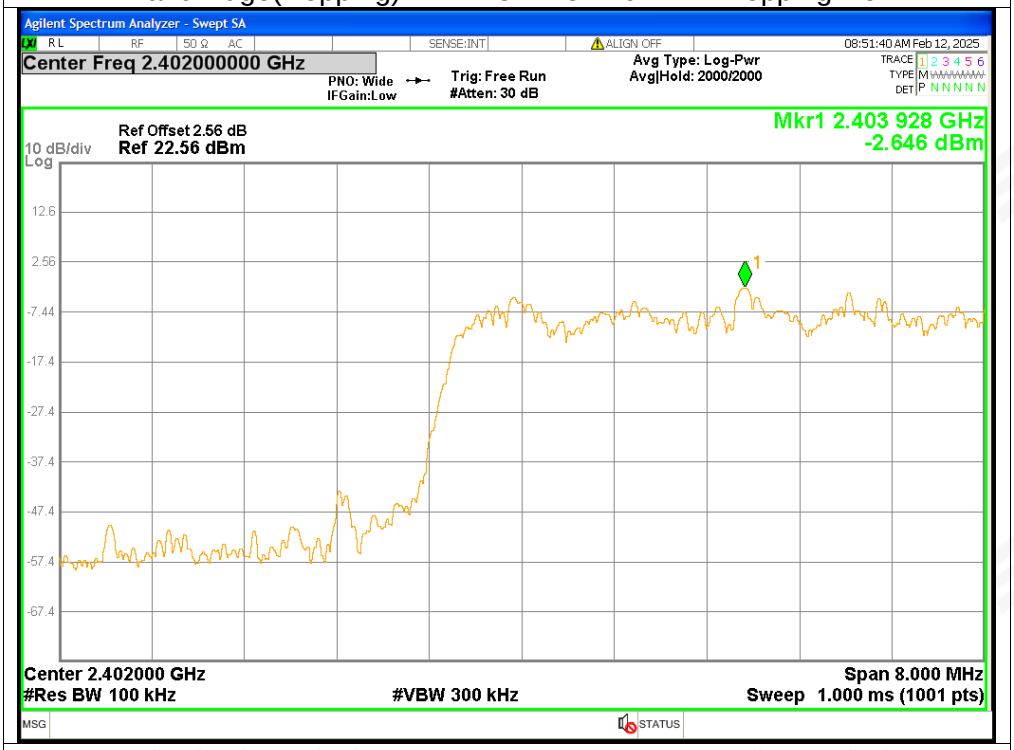


Band Edge(Hopping) NVNT 2-DH5 2480MHz Hopping Ref

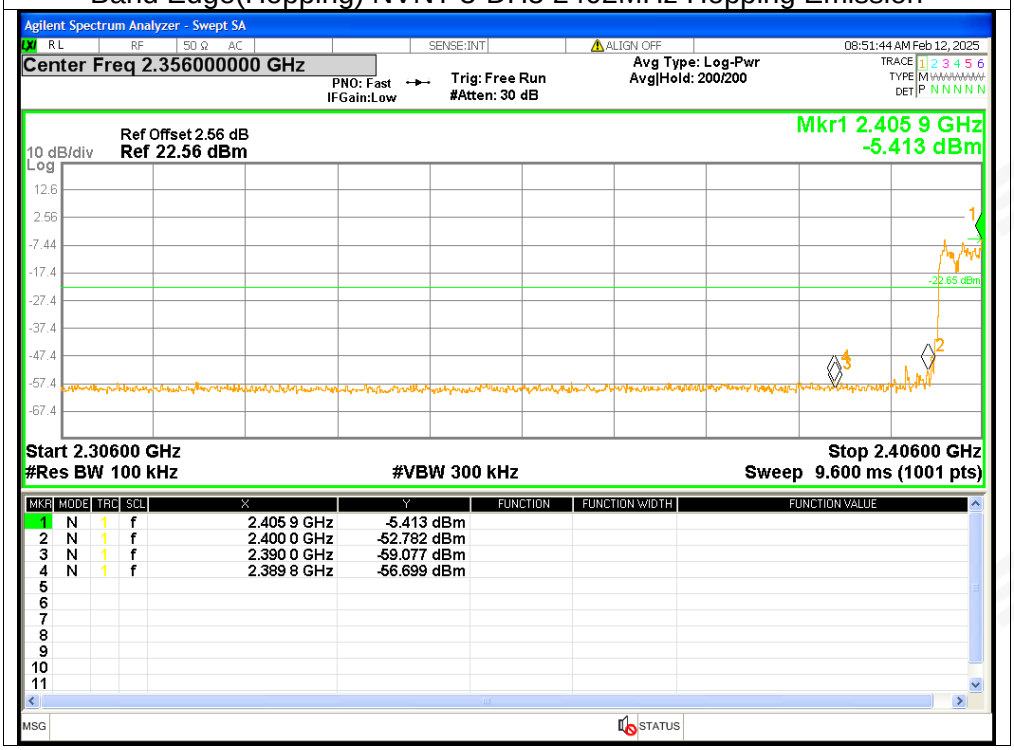
Band Edge(Hopping) NVNT 2-DH5 2480MHz Hopping Emission



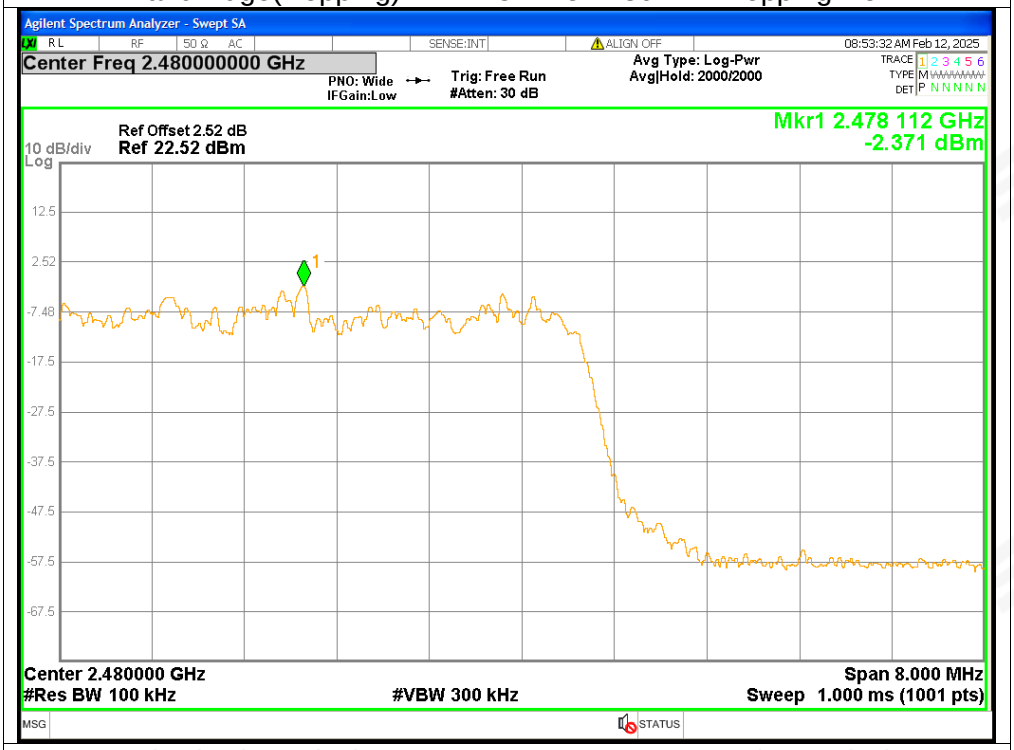
Band Edge(Hopping) NVNT 3-DH5 2402MHz Hopping Ref



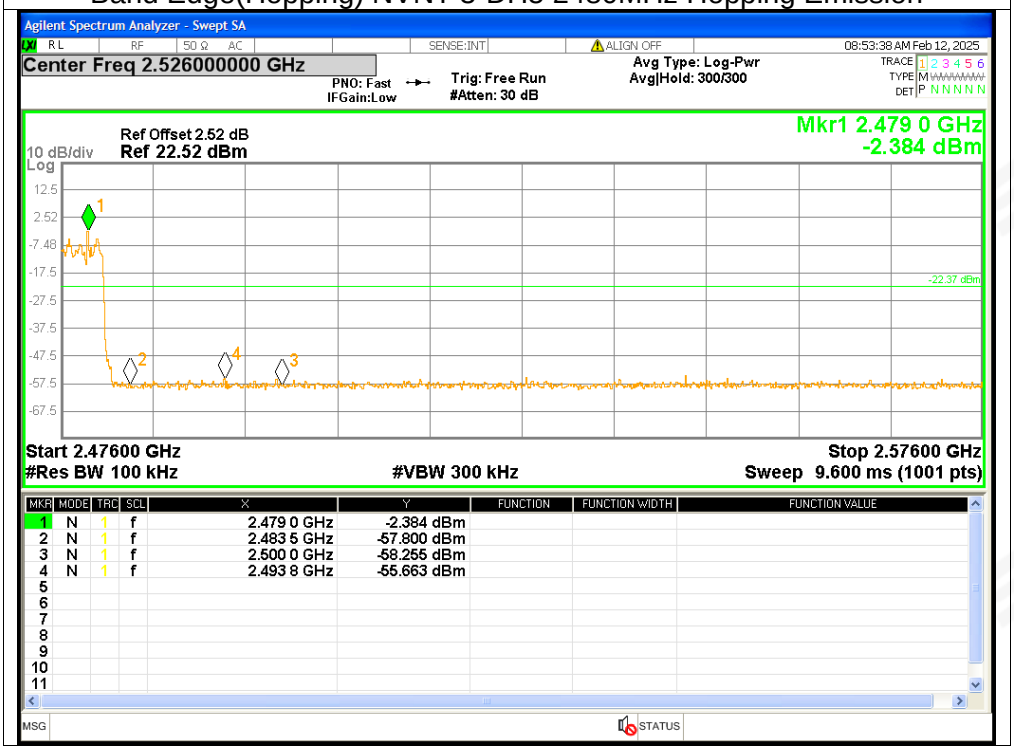

Band Edge(Hopping) NVNT 3-DH5 2402MHz Hopping Emission



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




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

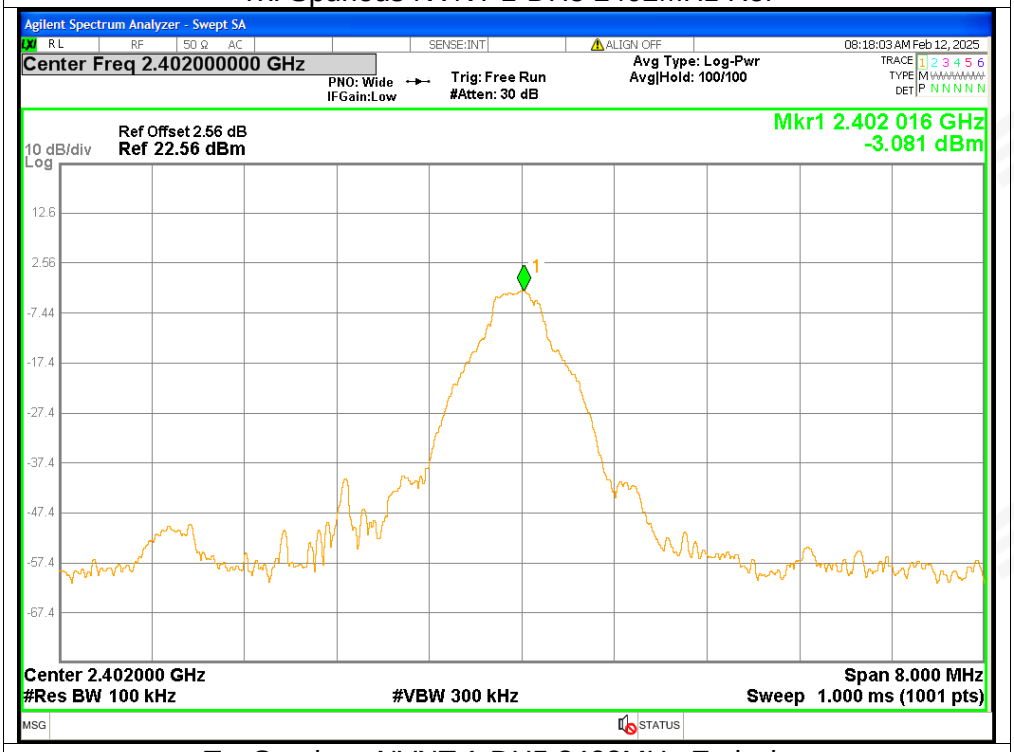


# 9. Conducted RF Spurious Emission

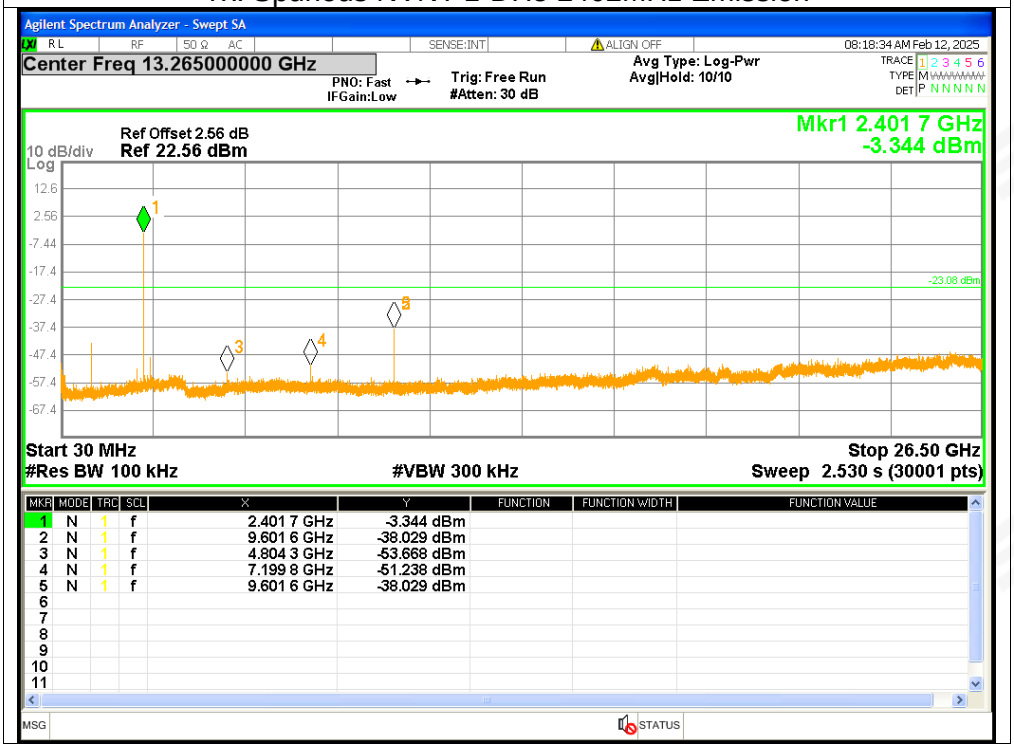
| Condition | Mode | Frequency (MHz) | Max Value (dBc) | Limit (dBc) | Verdict |
|---|---|---|---|---|---|
| NVNT | 1-DH5 | 2402 | -34.94 | <=-20 | Pass |
| NVNT | 1-DH5 | 2441 | -35.91 | <=-20 | Pass |
| NVNT | 1-DH5 | 2480 | -34.93 | <=-20 | Pass |
| NVNT | 2-DH5 | 2402 | -32.12 | <=-20 | Pass |
| NVNT | 2-DH5 | 2441 | -33.42 | <=-20 | Pass |
| NVNT | 2-DH5 | 2480 | -33.91 | <=-20 | Pass |
| NVNT | 3-DH5 | 2402 | -32.32 | <=-20 | Pass |
| NVNT | 3-DH5 | 2441 | -35.82 | <=-20 | Pass |
| NVNT | 3-DH5 | 2480 | -35.44 | <=-20 | Pass |

## Test Graphs

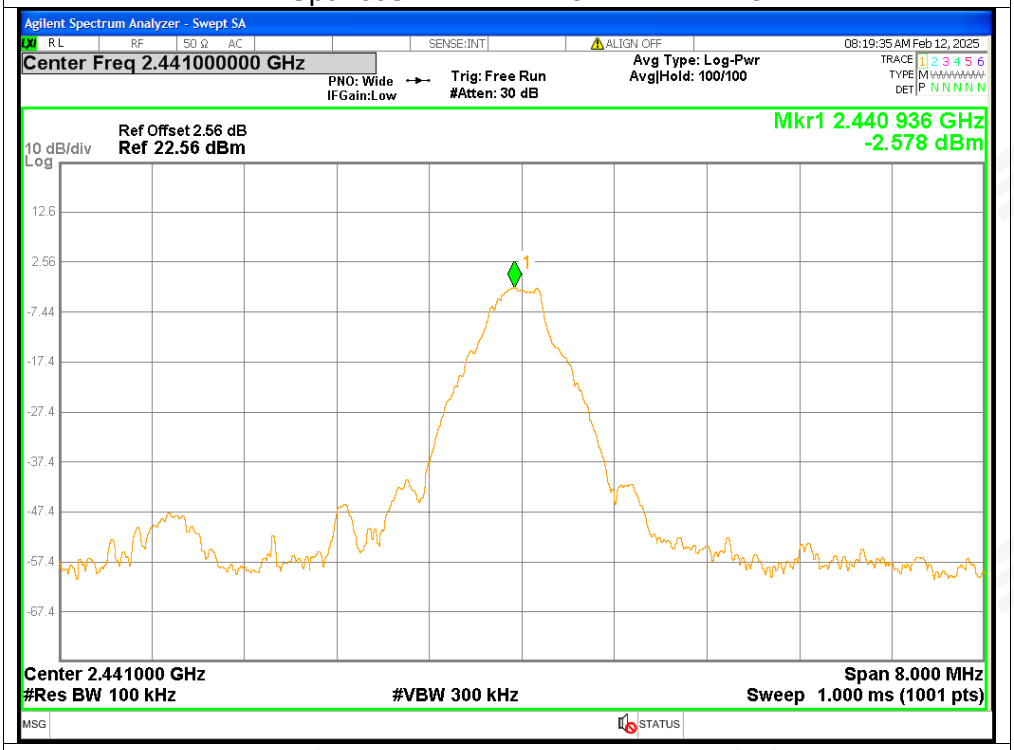
### Tx. Spurious NVNT 1-DH5 2402MHz Ref



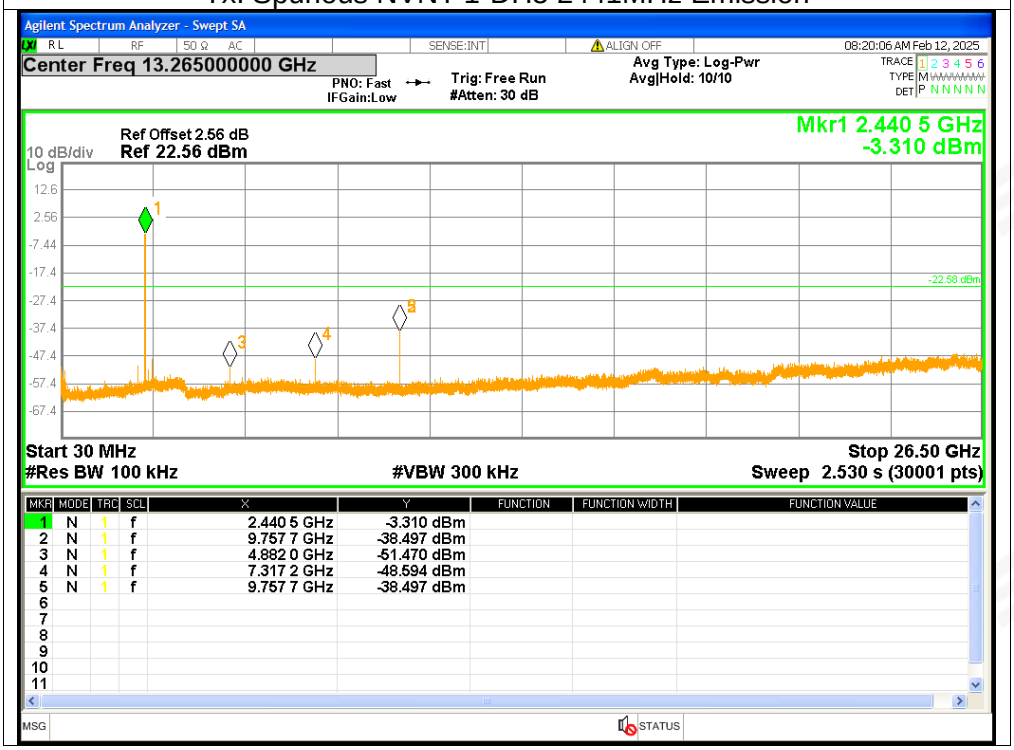

### Tx. Spurious NVNT 1-DH5 2402MHz Emission



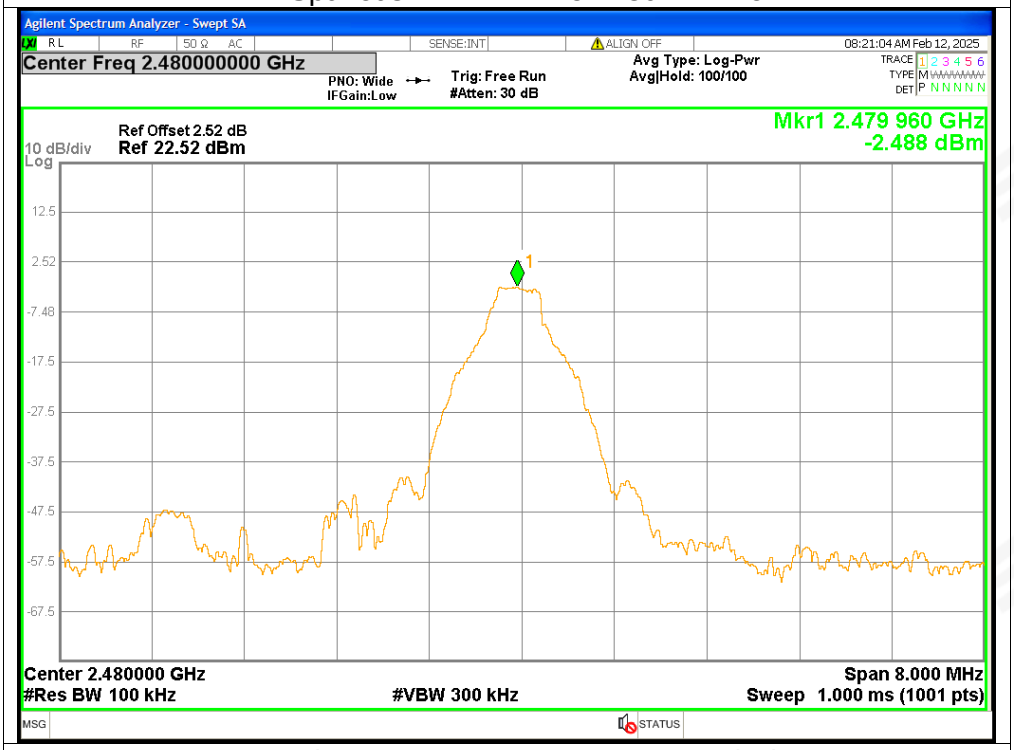
Tx. Spurious NVNT 1-DH5 2441MHz Ref



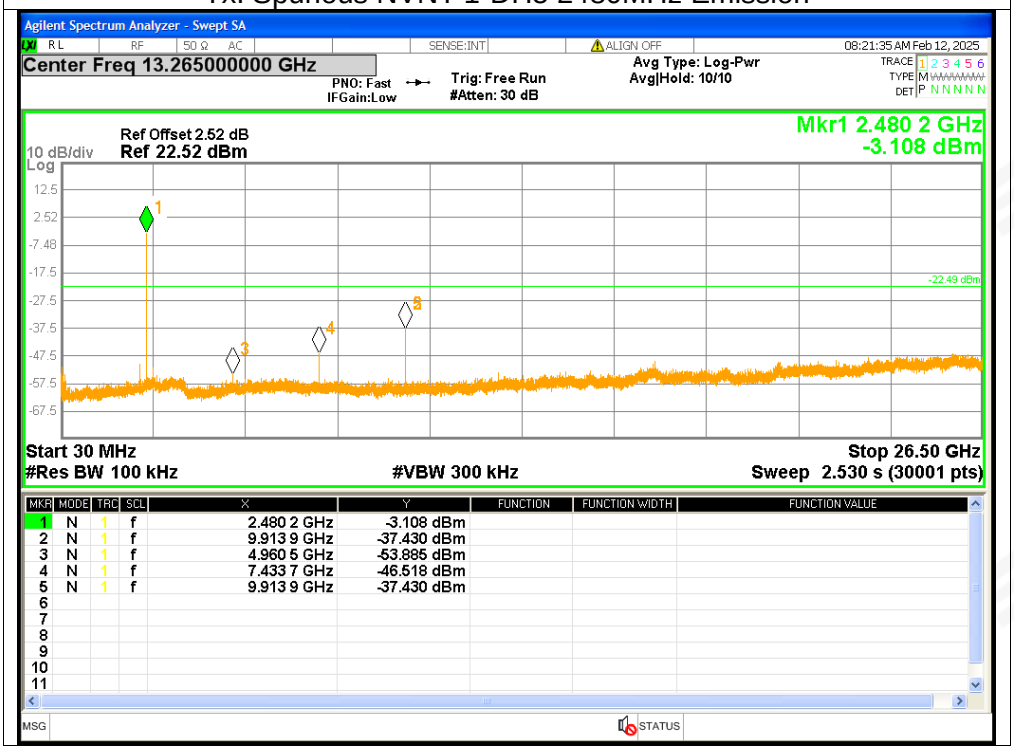

Tx. Spurious NVNT 1-DH5 2441MHz Emission



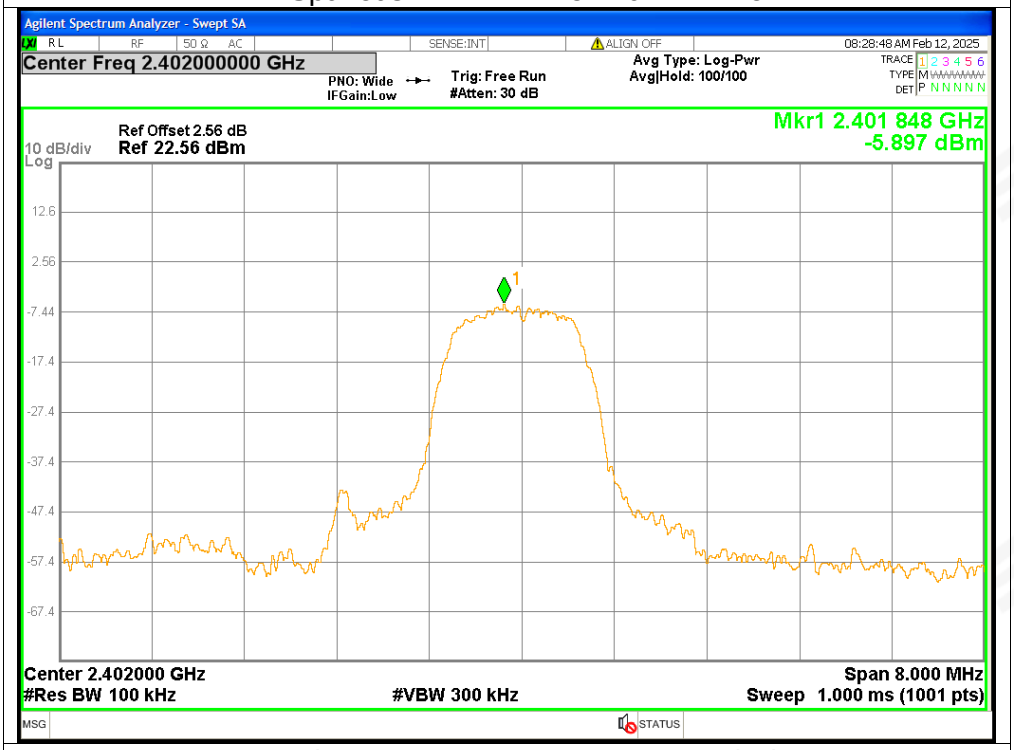
Tx. Spurious NVNT 1-DH5 2480MHz Ref



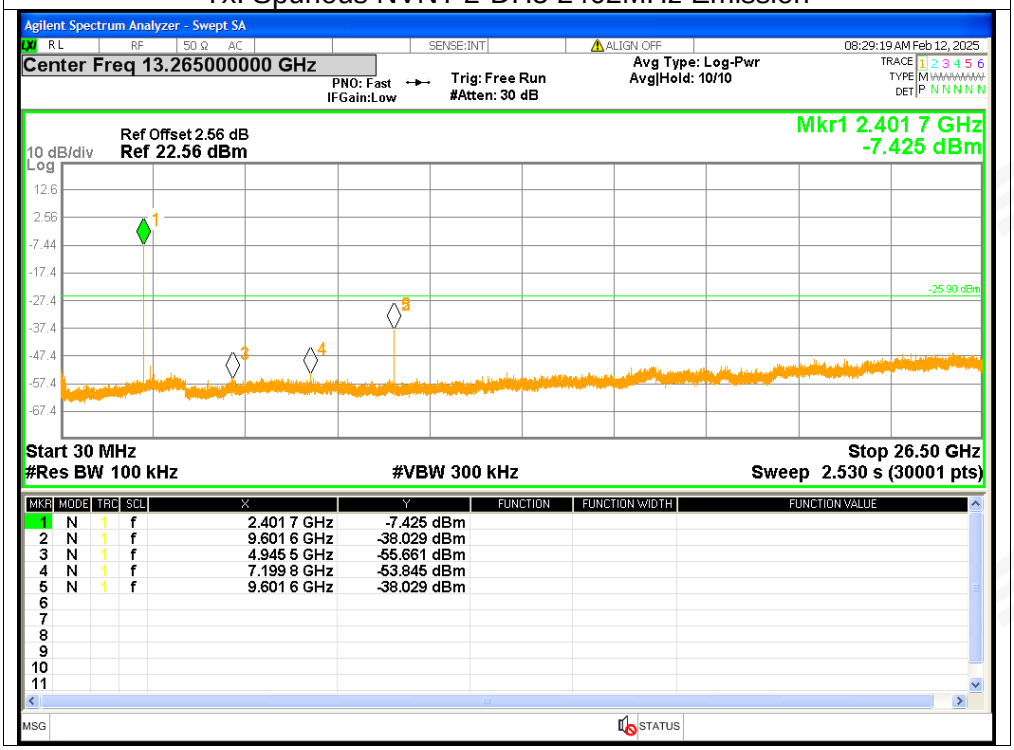

Tx. Spurious NVNT 1-DH5 2480MHz Emission



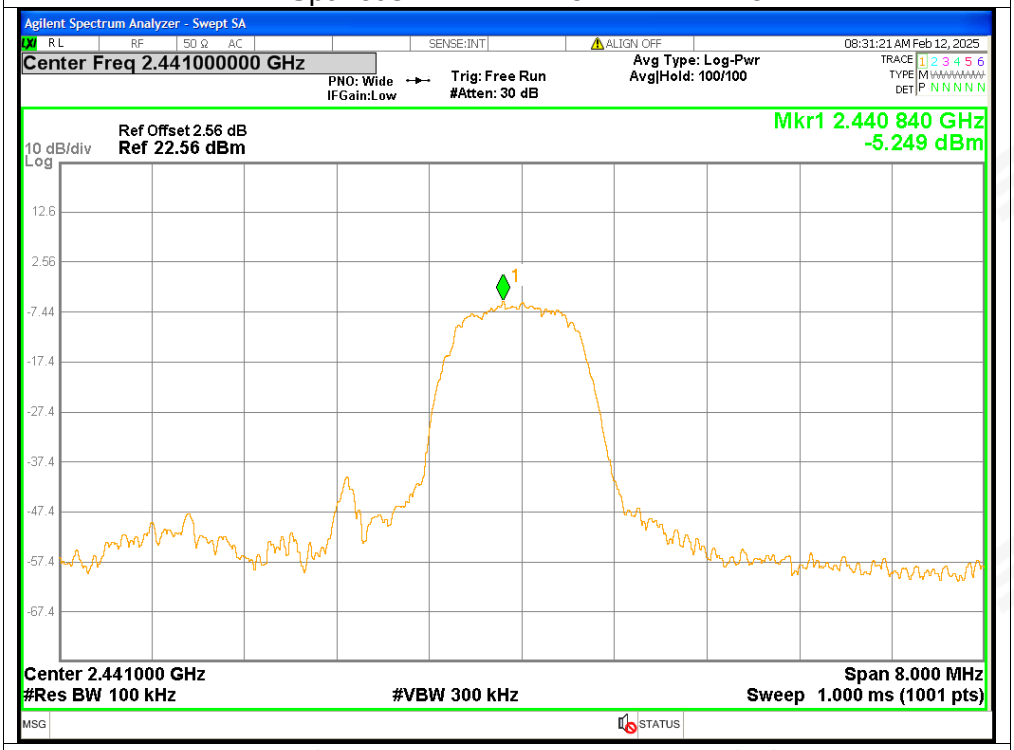
Tx. Spurious NVNT 2-DH5 2402MHz Ref



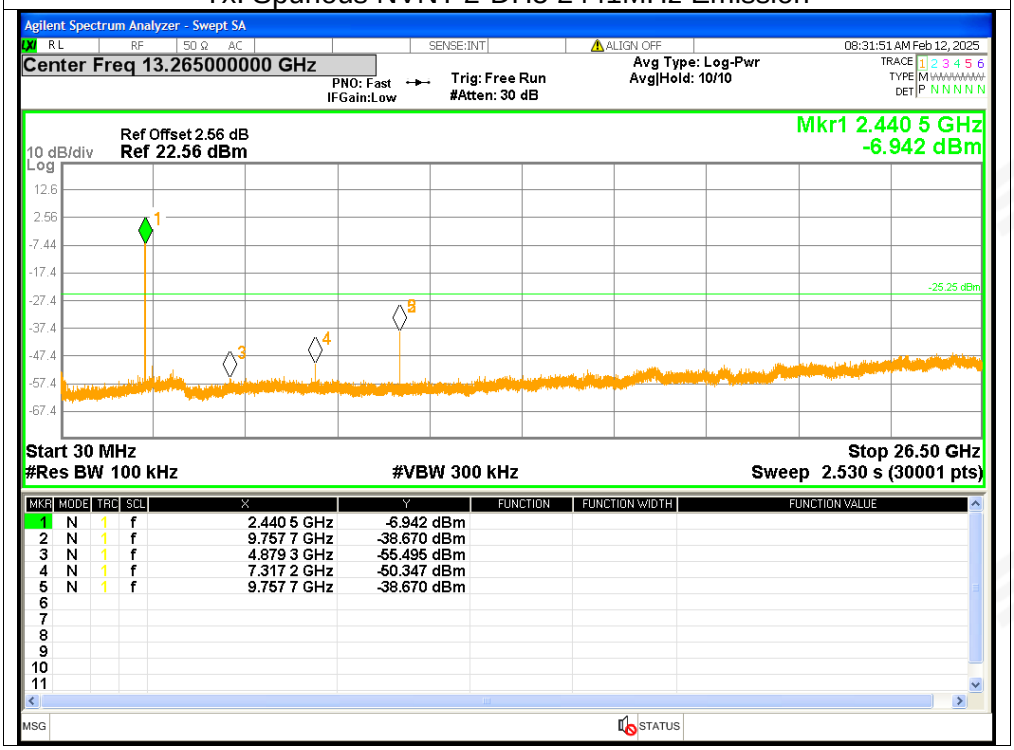

Tx. Spurious NVNT 2-DH5 2402MHz Emission



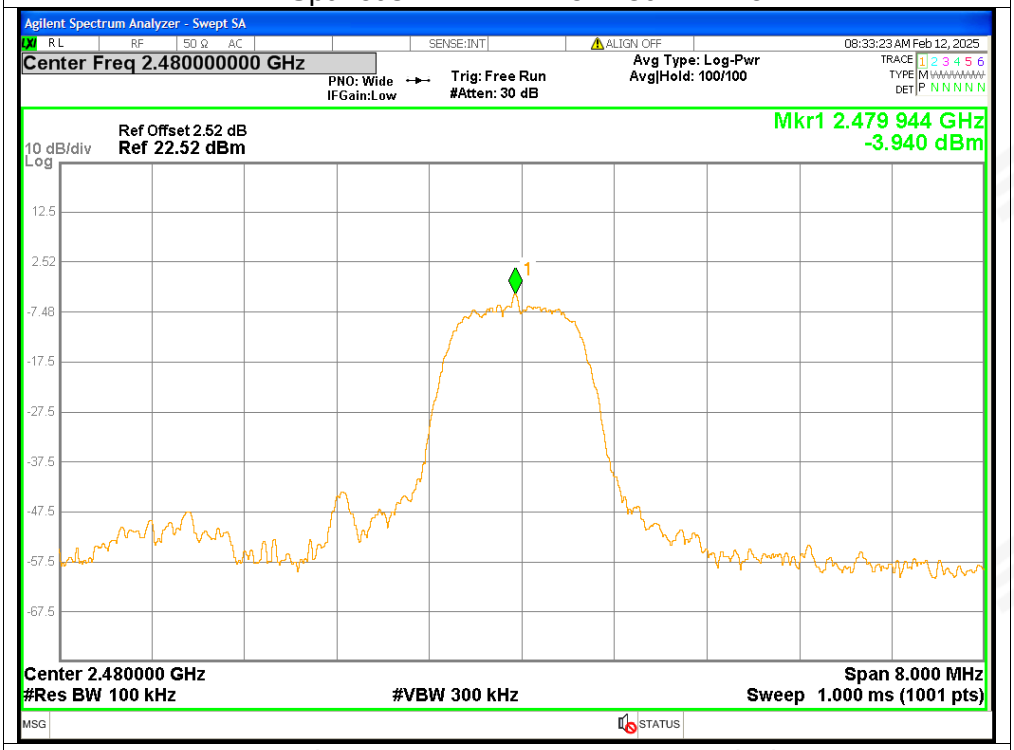
Tx. Spurious NVNT 2-DH5 2441MHz Ref



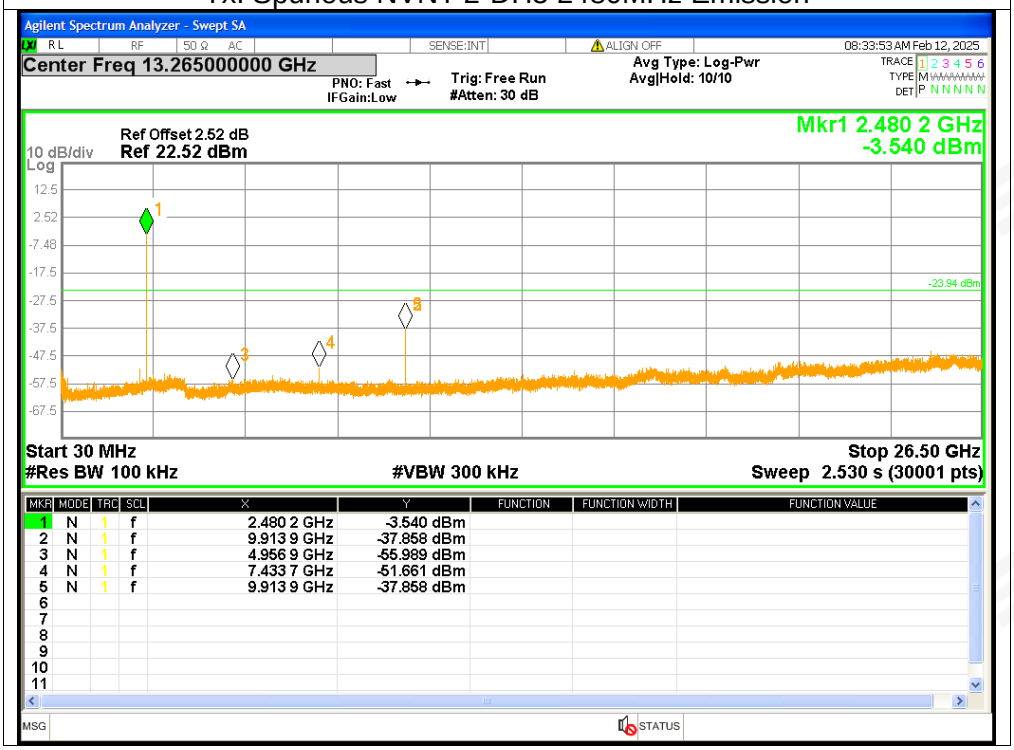

Tx. Spurious NVNT 2-DH5 2441MHz Emission



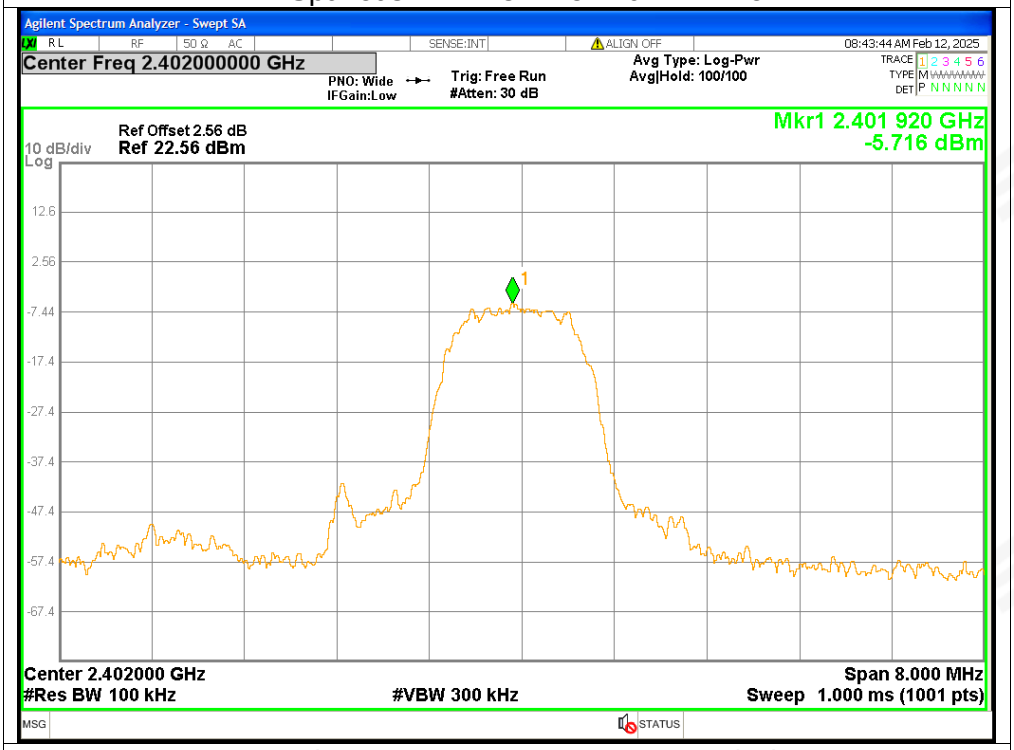
Tx. Spurious NVNT 2-DH5 2480MHz Ref



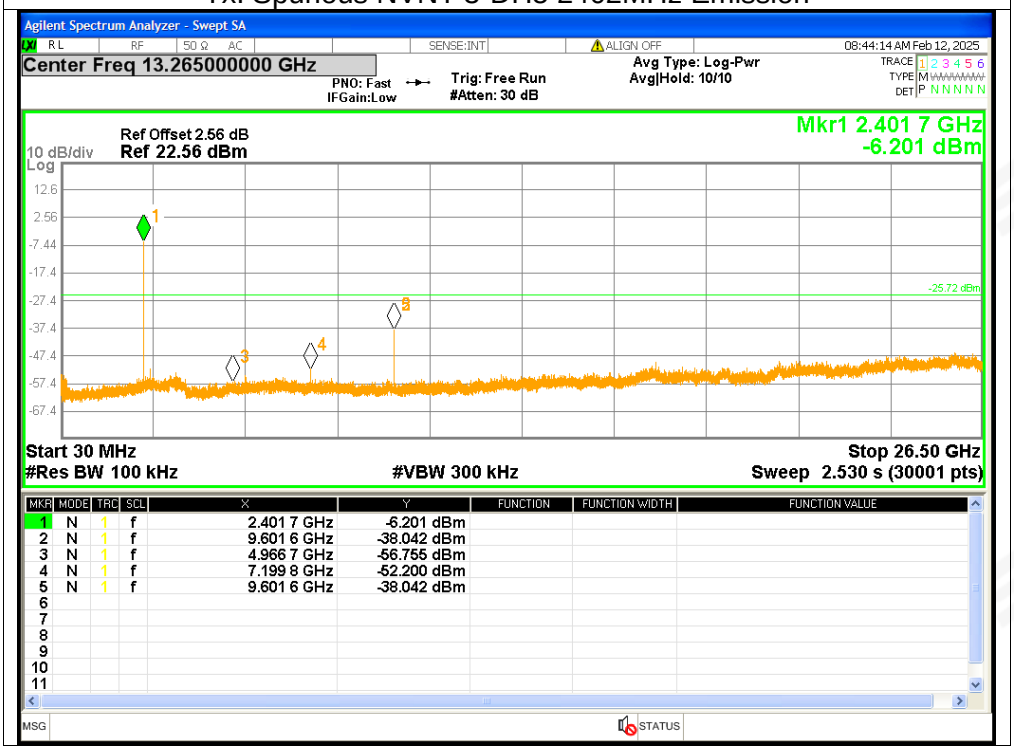

Tx. Spurious NVNT 2-DH5 2480MHz Emission



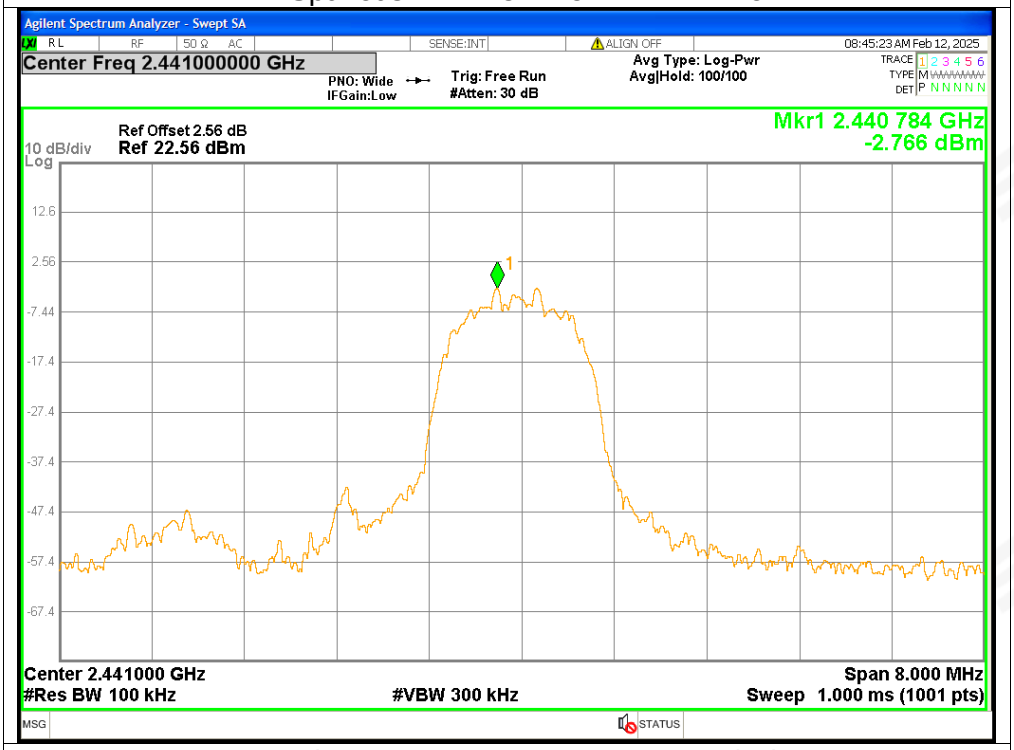
Tx. Spurious NVNT 3-DH5 2402MHz Ref



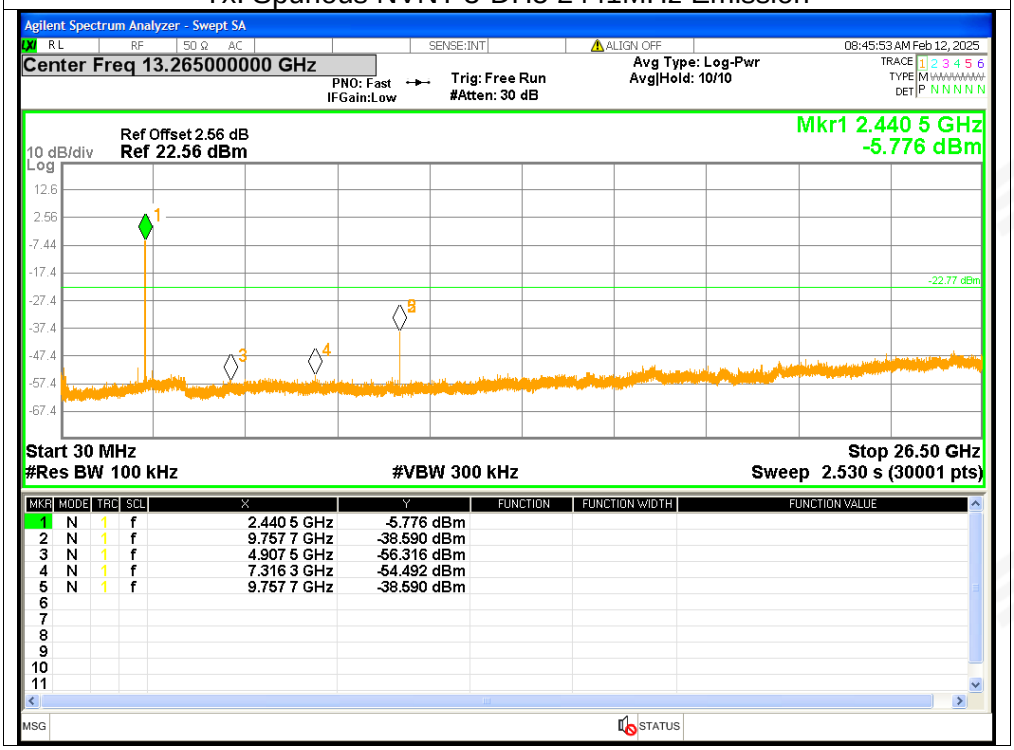

Tx. Spurious NVNT 3-DH5 2402MHz Emission



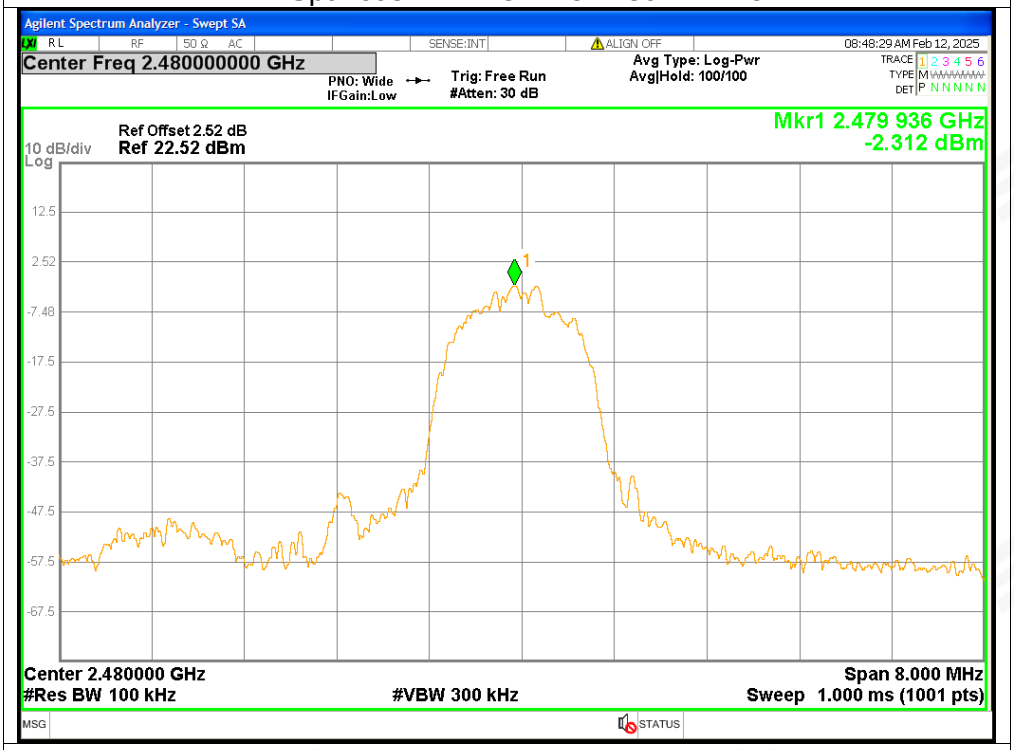
Tx. Spurious NVNT 3-DH5 2441MHz Ref



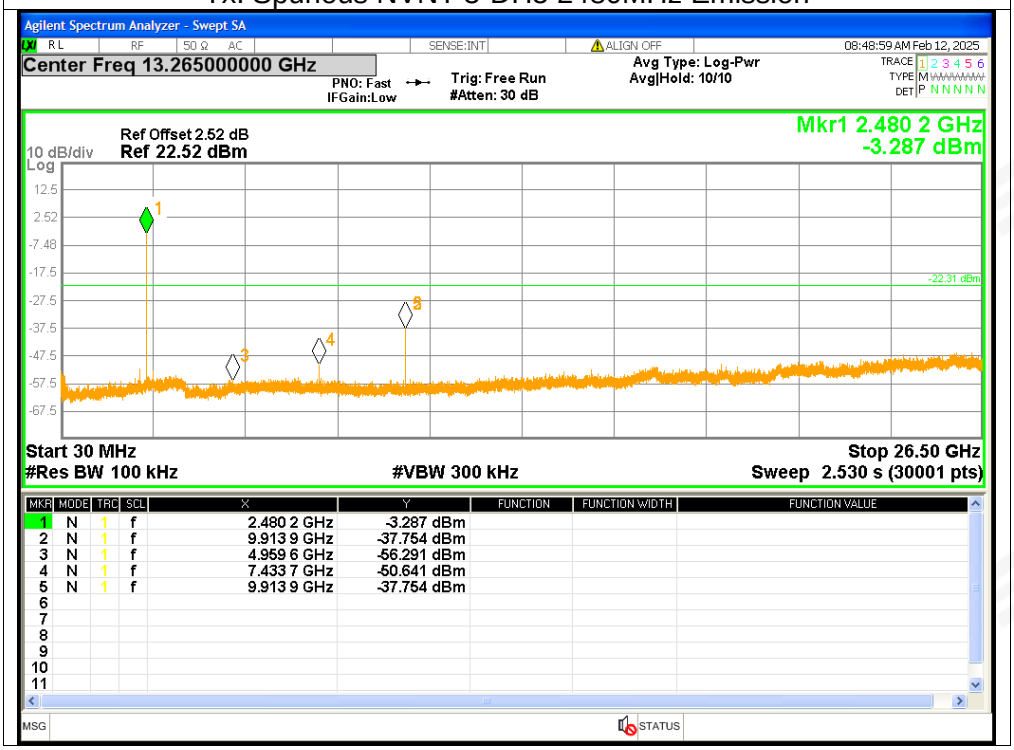

Tx. Spurious NVNT 3-DH5 2441MHz Emission



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※※※※※