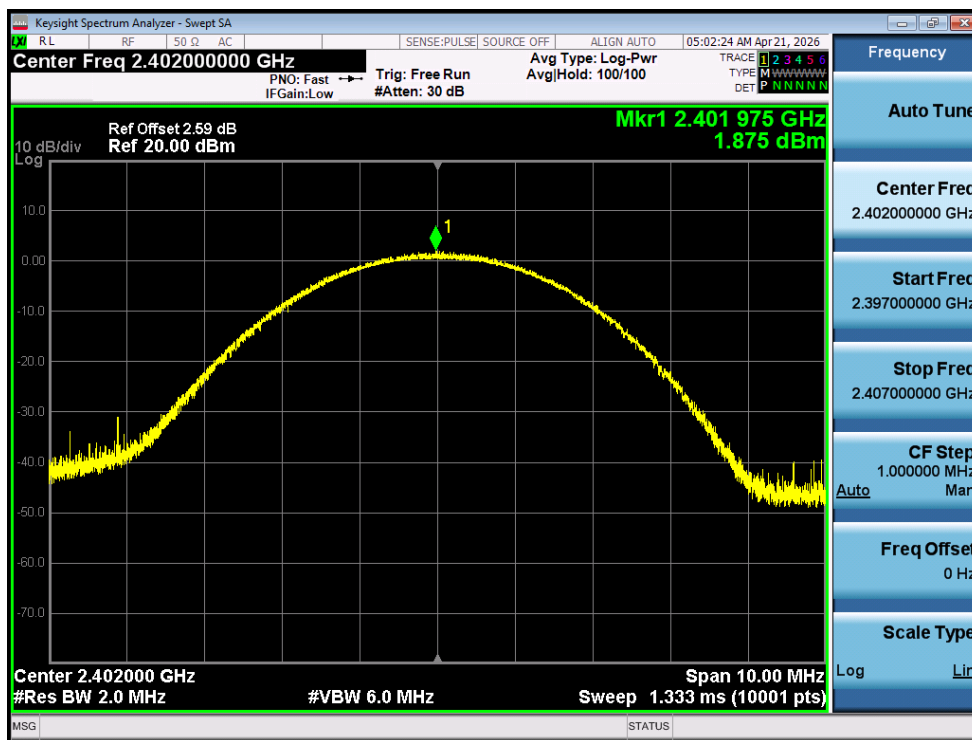
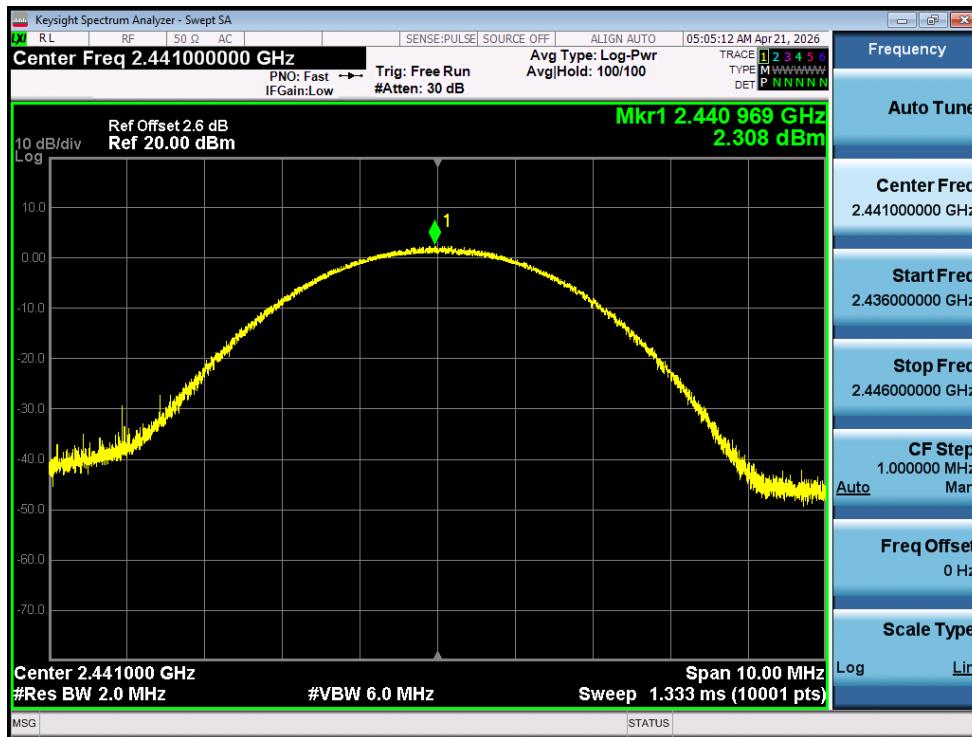




## Power NVNT 3-DH1 2402MHz

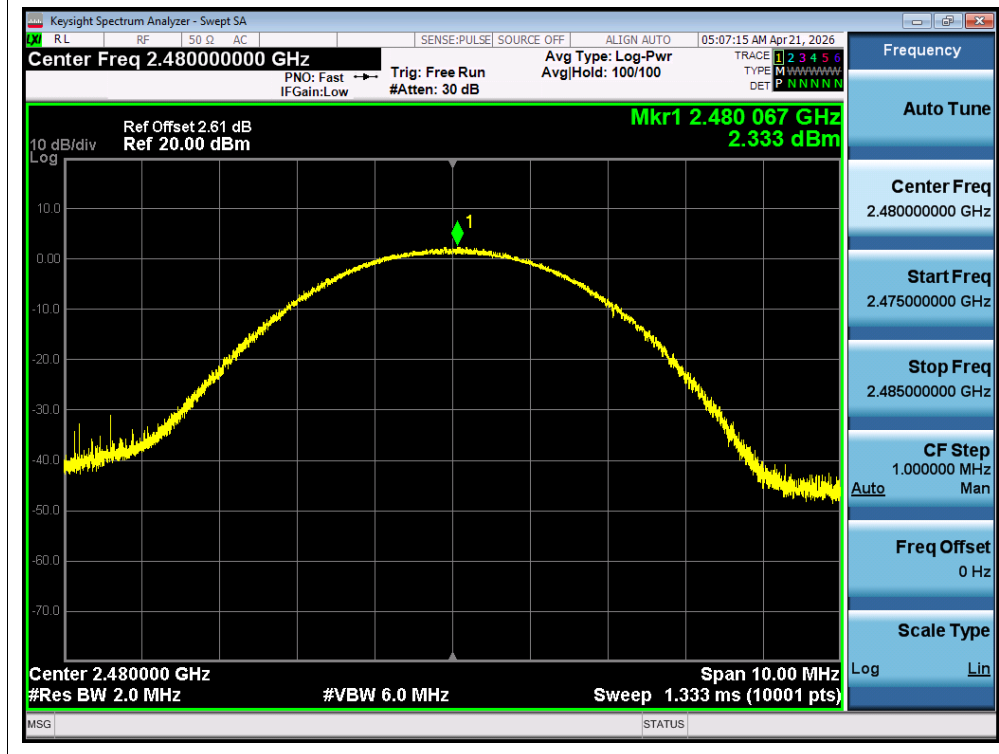


## Power NVNT 3-DH1 2441MHz





## Power NVNT 3-DH1 2480MHz



**-20dB Bandwidth**

| Condition | Mode  | Frequency (MHz) | -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|------------------------|---------|
| NVNT      | 1-DH5 | 2402            | 0.8731                 | Pass    |
| NVNT      | 1-DH5 | 2441            | 0.8615                 | Pass    |
| NVNT      | 1-DH5 | 2480            | 0.8531                 | Pass    |
| NVNT      | 2-DH5 | 2402            | 1.218                  | Pass    |
| NVNT      | 2-DH5 | 2441            | 1.251                  | Pass    |
| NVNT      | 2-DH5 | 2480            | 1.23                   | Pass    |
| NVNT      | 3-DH5 | 2402            | 1.218                  | Pass    |
| NVNT      | 3-DH5 | 2441            | 1.241                  | Pass    |
| NVNT      | 3-DH5 | 2480            | 1.241                  | Pass    |



## Test Graphs

-20dB Bandwidth NVNT 1-DH1 2402MHz



-20dB Bandwidth NVNT 1-DH1 2441MHz





## -20dB Bandwidth NVNT 1-DH1 2480MHz



## -20dB Bandwidth NVNT 2-DH1 2402MHz





-20dB Bandwidth NVNT 2-DH1 2441MHz



-20dB Bandwidth NVNT 2-DH1 2480MHz



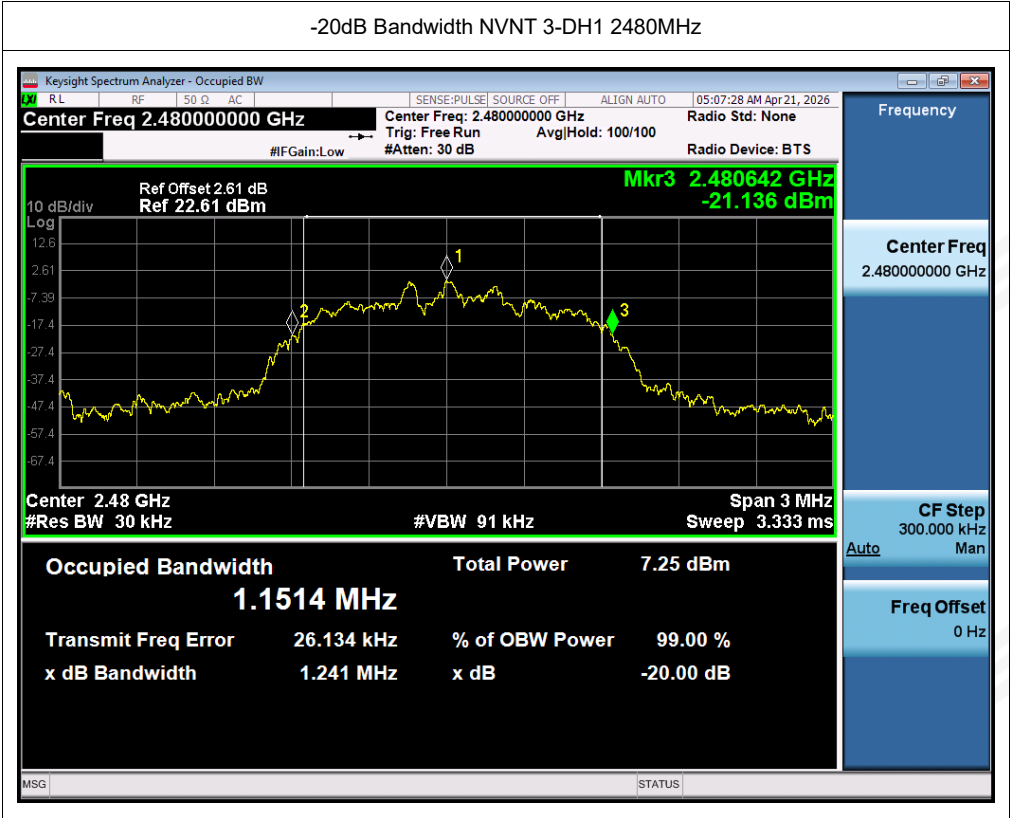


## -20dB Bandwidth NVNT 3-DH1 2402MHz



## -20dB Bandwidth NVNT 3-DH1 2441MHz







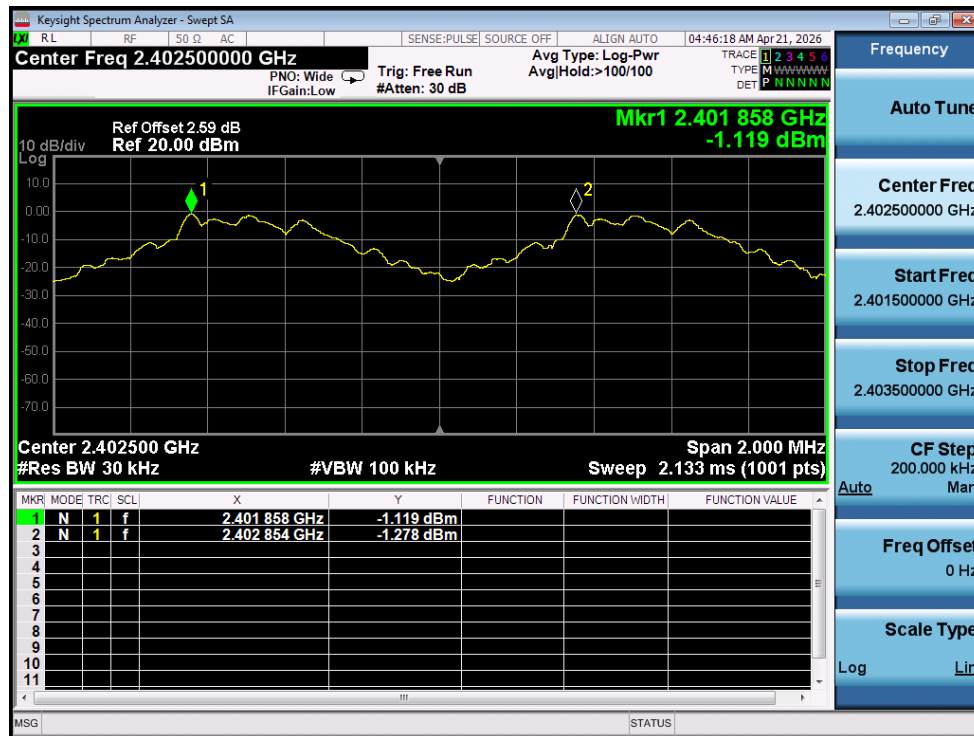
## Carrier Frequencies Separation

| Condition | Mode  | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH5 | 2401.858            | 2402.854            | 0.996     | 0.582       | Pass    |
| NVNT      | 1-DH5 | 2440.86             | 2441.858            | 0.998     | 0.574       | Pass    |
| NVNT      | 1-DH5 | 2478.858            | 2479.856            | 0.998     | 0.569       | Pass    |
| NVNT      | 2-DH5 | 2401.858            | 2402.86             | 1.002     | 0.812       | Pass    |
| NVNT      | 2-DH5 | 2440.86             | 2441.858            | 0.998     | 0.834       | Pass    |
| NVNT      | 2-DH5 | 2478.858            | 2479.858            | 1         | 0.82        | Pass    |
| NVNT      | 3-DH5 | 2402.002            | 2403.002            | 1         | 0.812       | Pass    |
| NVNT      | 3-DH5 | 2441.006            | 2442.006            | 1         | 0.827       | Pass    |
| NVNT      | 3-DH5 | 2479.006            | 2480.008            | 1.002     | 0.827       | Pass    |

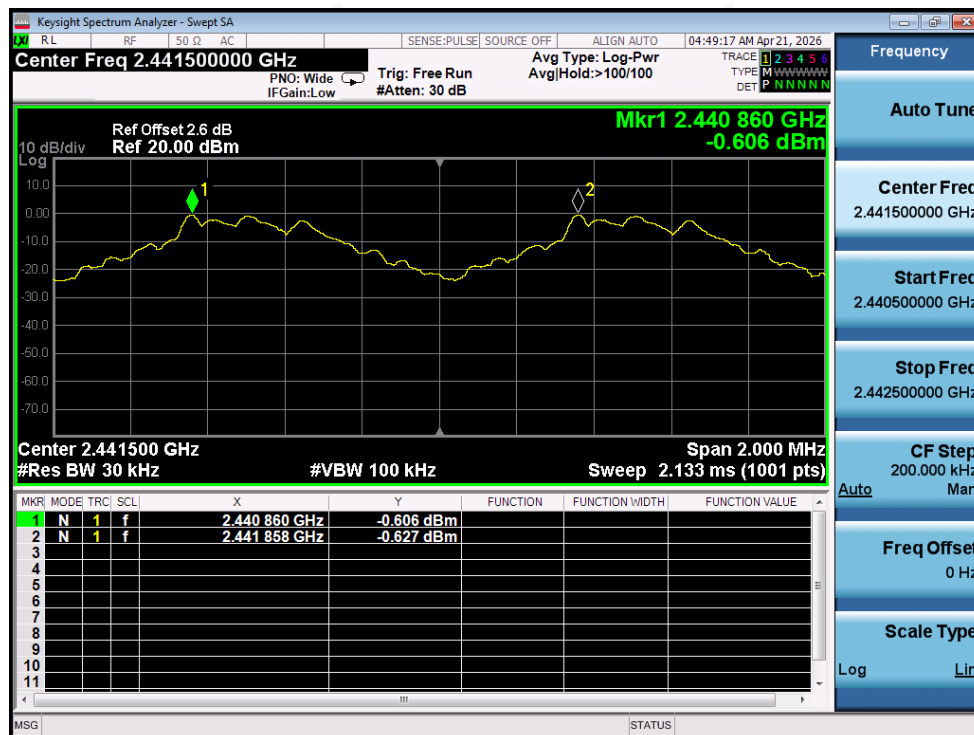


## Test Graphs

## CFS NVNT 1-DH1 2402MHz

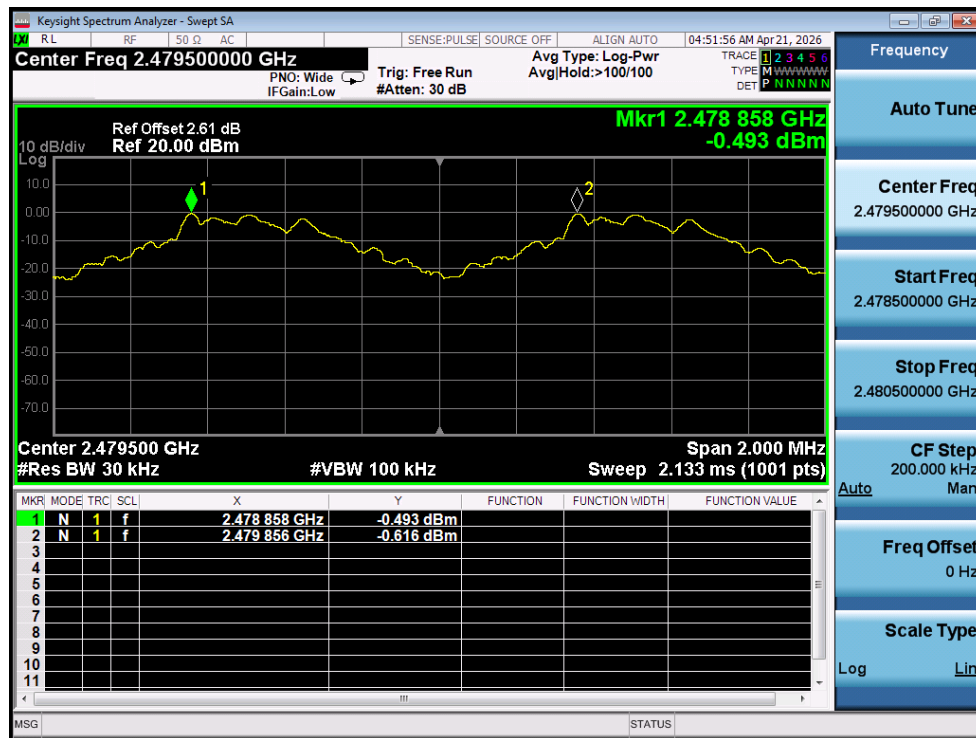


## CFS NVNT 1-DH1 2441MHz

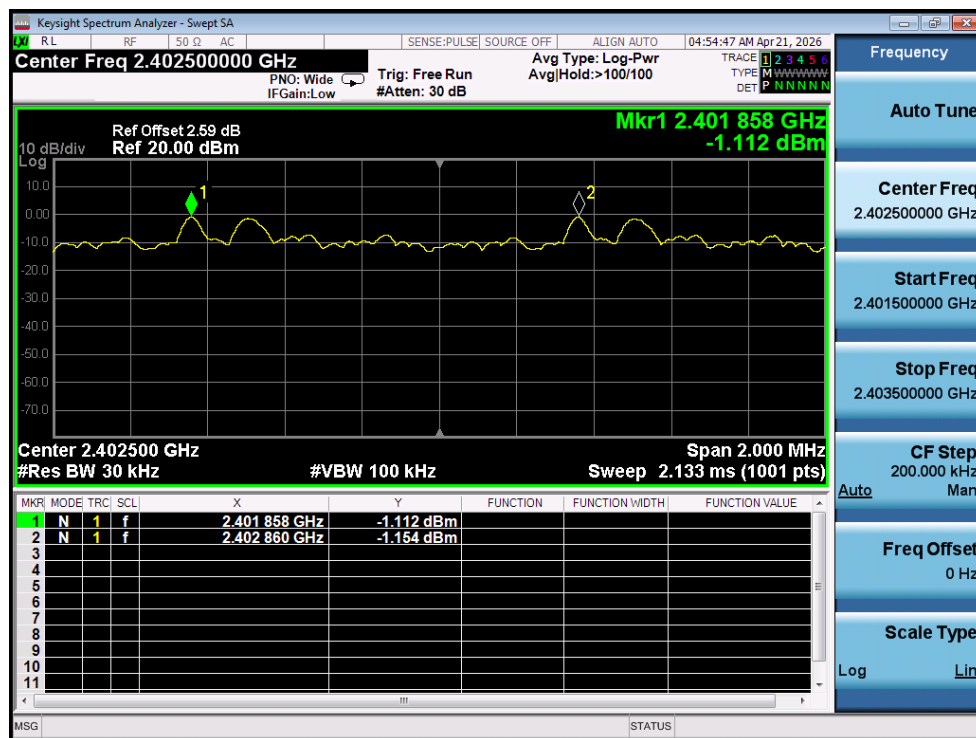




## CFS NVNT 1-DH1 2480MHz

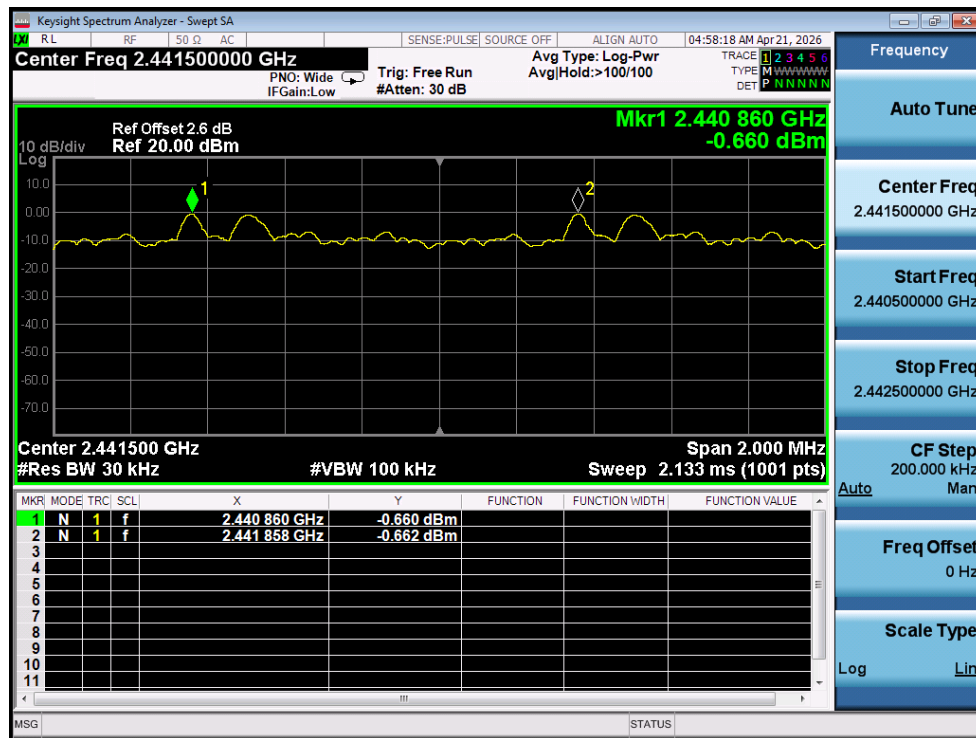


## CFS NVNT 2-DH1 2402MHz

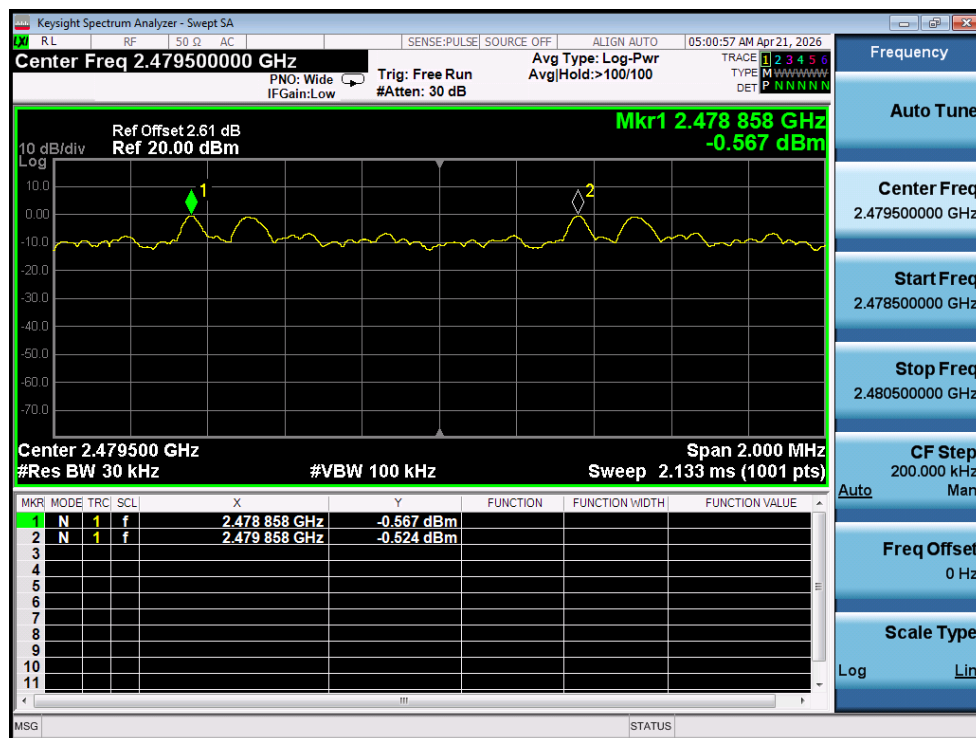




## CFS NVNT 2-DH1 2441MHz

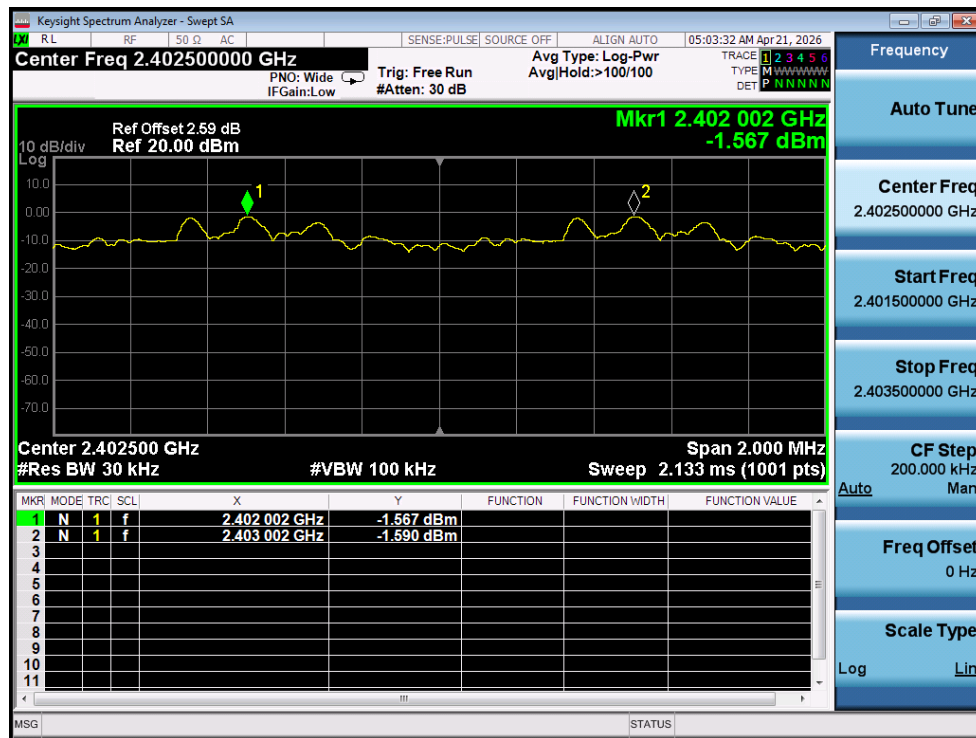


## CFS NVNT 2-DH1 2480MHz

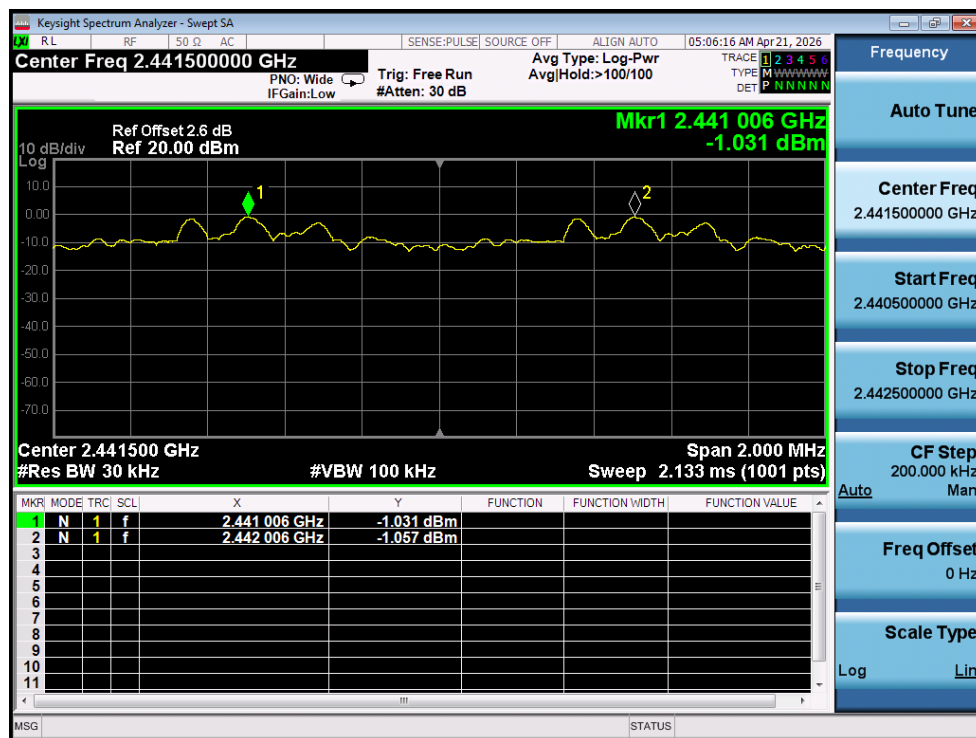




## CFS NVNT 3-DH1 2402MHz

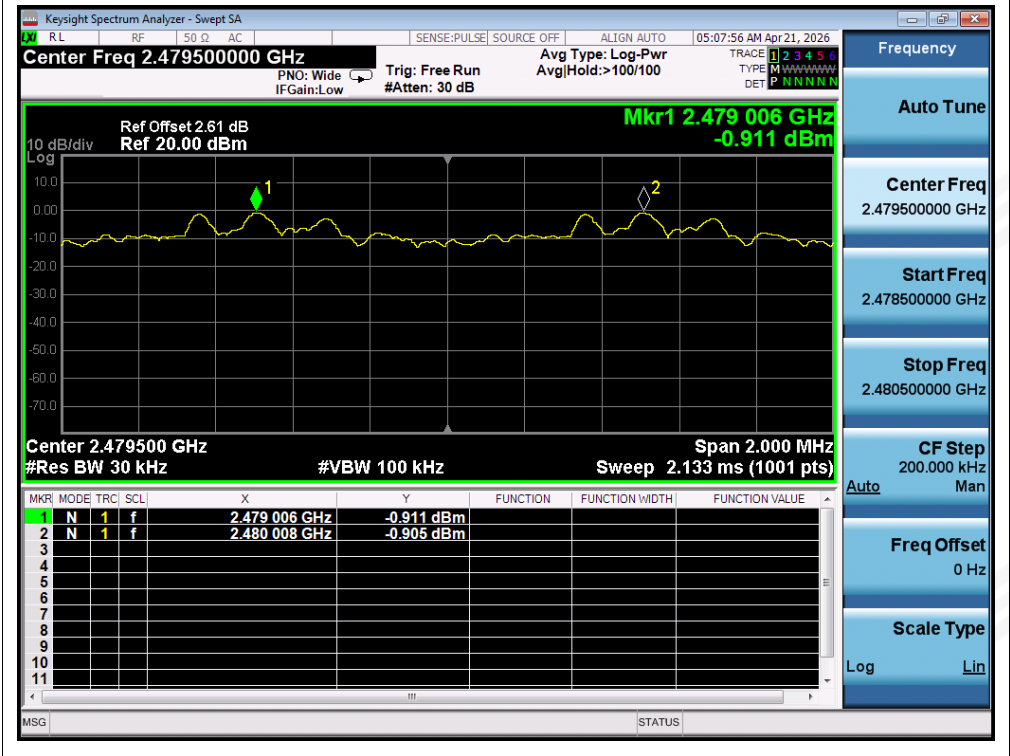


## CFS NVNT 3-DH1 2441MHz





CFS NVNT 3-DH1 2480MHz





## Band Edge

| Condition | Mode  | Frequency (MHz) | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | No-Hopping   | -41.68          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | No-Hopping   | -55.6           | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | No-Hopping   | -40.97          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | No-Hopping   | -54.03          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | No-Hopping   | -41.04          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | No-Hopping   | -53.67          | -20         | Pass    |

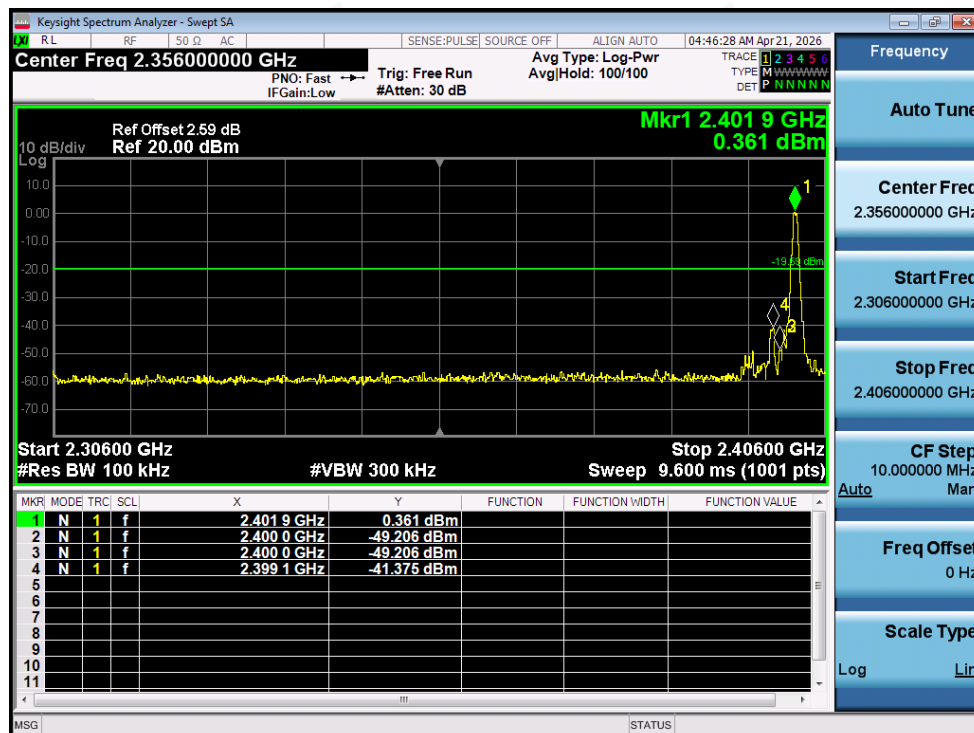


## Test Graphs

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



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

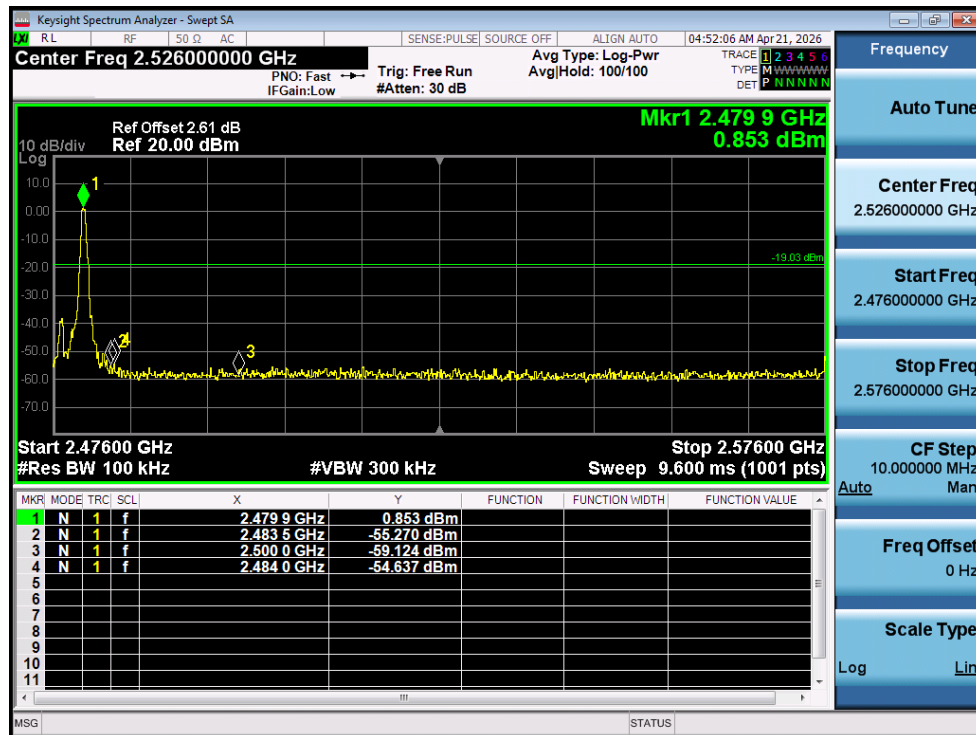




## Band Edge NVNT 1-DH1 2480MHz No-Hopping Ref



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

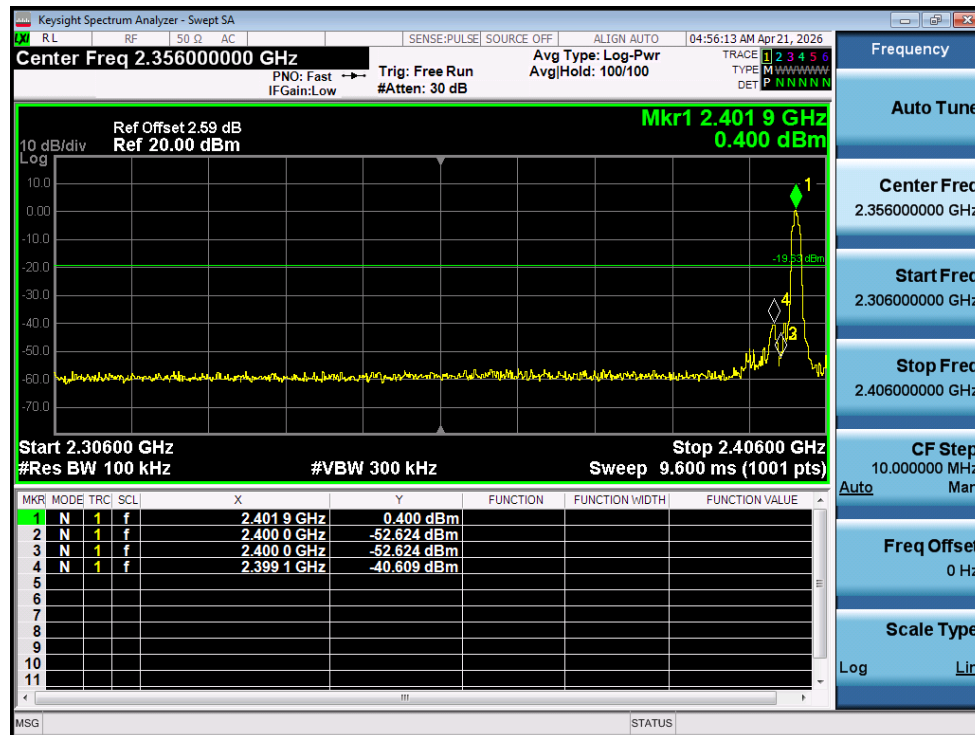




## Band Edge NVNT 2-DH1 2402MHz No-Hopping Ref



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

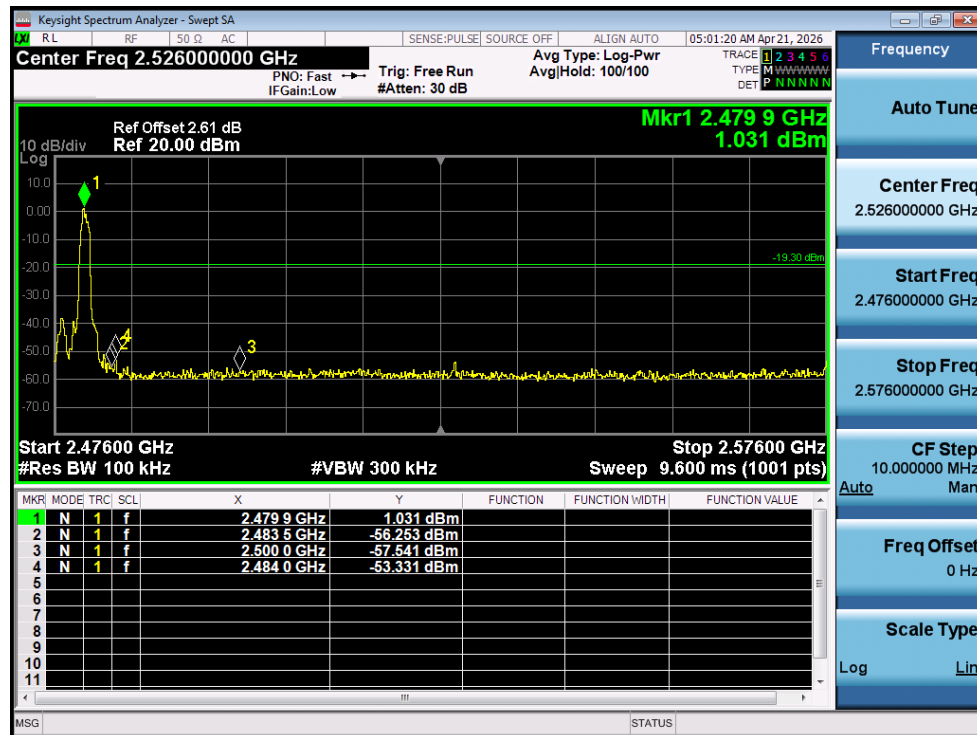




## Band Edge NVNT 2-DH1 2480MHz No-Hopping Ref



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

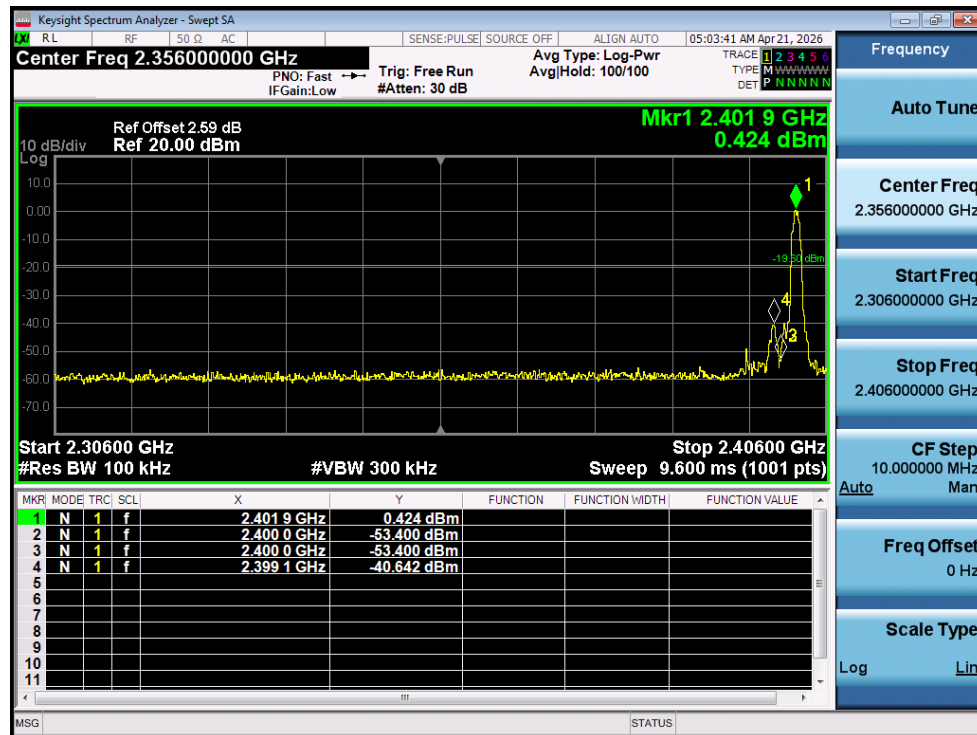




## Band Edge NVNT 3-DH1 2402MHz No-Hopping Ref



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

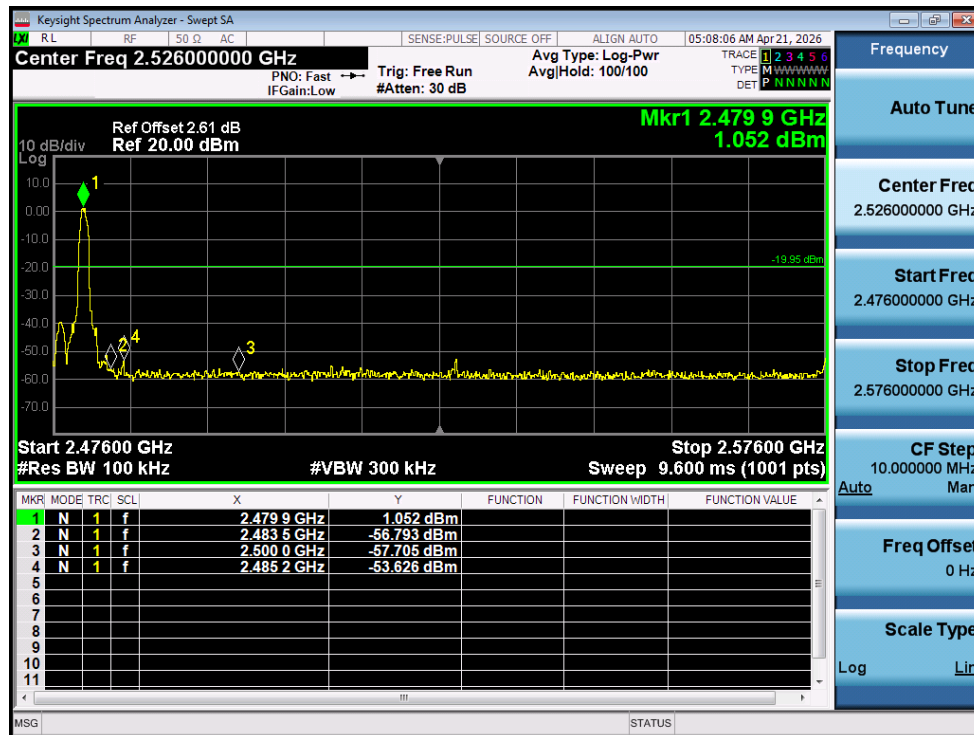




## Band Edge NVNT 3-DH1 2480MHz No-Hopping Ref



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





## Band Edge(Hopping)

| Condition | Mode  | Frequency (MHz) | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Hopping      | -41.13          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Hopping      | -53.38          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Hopping      | -42.99          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Hopping      | -52.65          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Hopping      | -41.34          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Hopping      | -52.88          | -20         | Pass    |

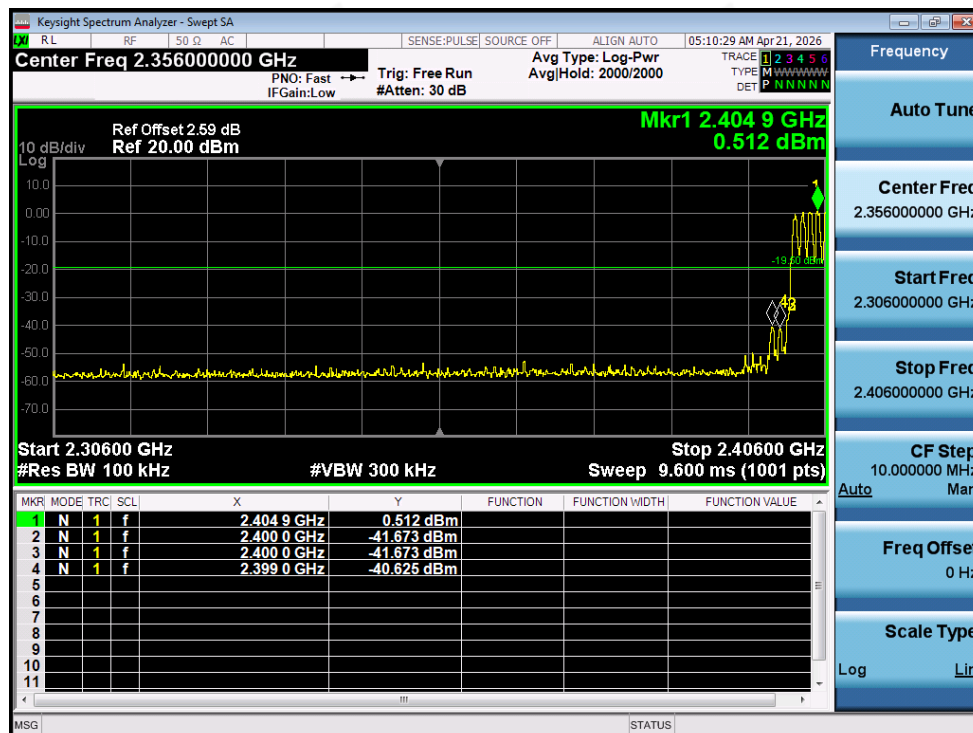


## Test Graphs

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



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

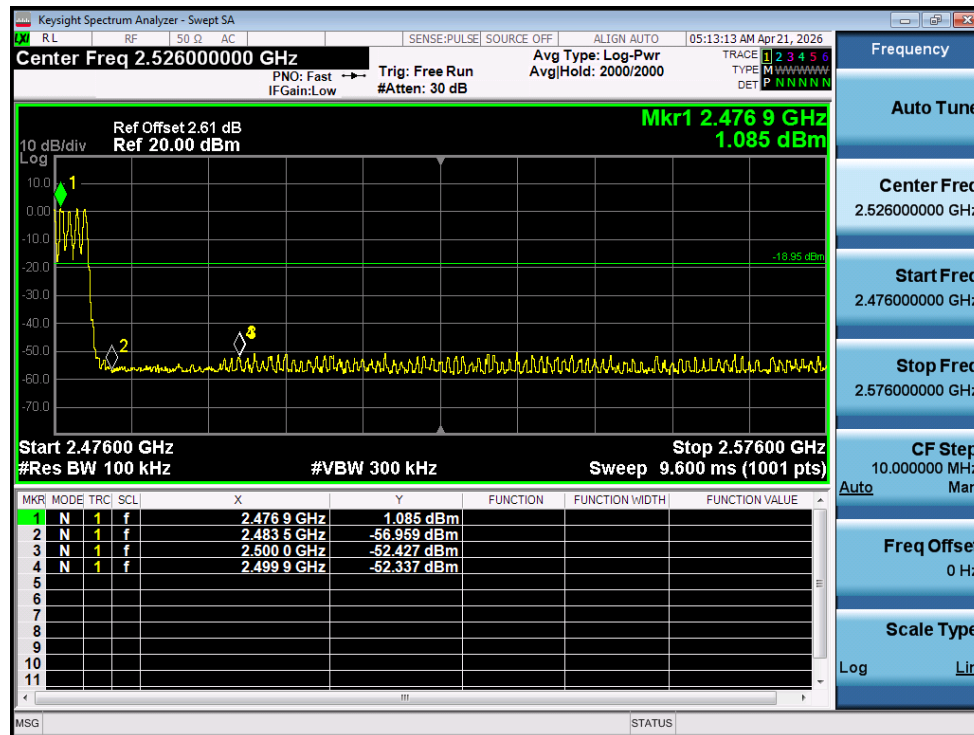




## Band Edge(Hopping) NVNT 1-DH1 2480MHz Hopping Ref



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

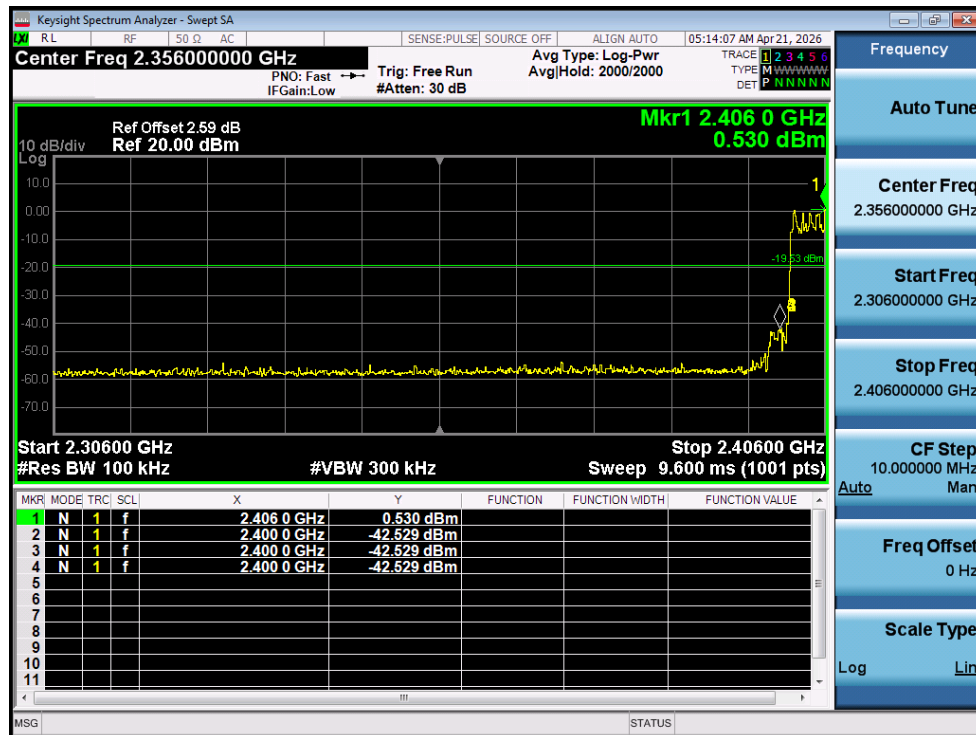




## Band Edge(Hopping) NVNT 2-DH1 2402MHz Hopping Ref



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

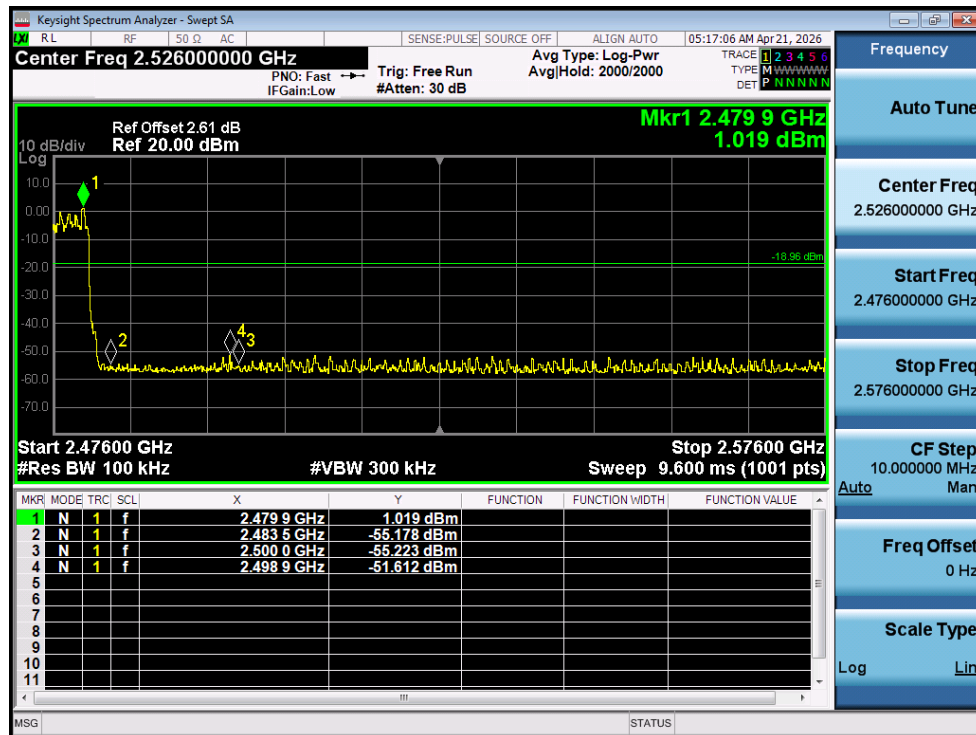




## Band Edge(Hopping) NVNT 2-DH1 2480MHz Hopping Ref



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

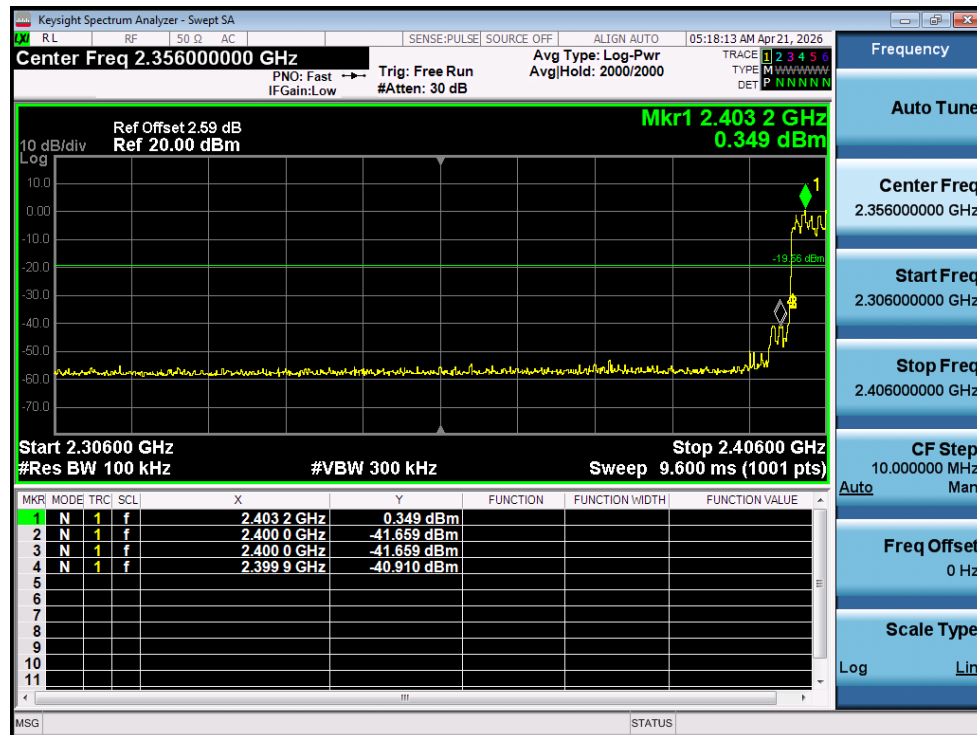




## Band Edge(Hopping) NVNT 3-DH1 2402MHz Hopping Ref



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

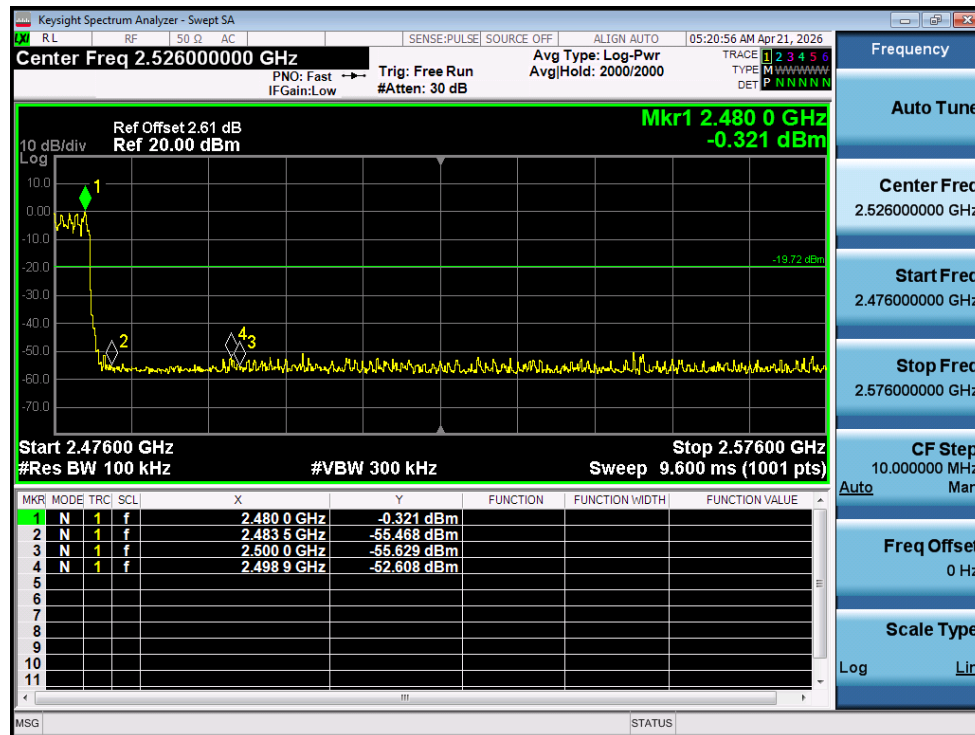




## Band Edge(Hopping) NVNT 3-DH1 2480MHz Hopping Ref



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





## Conducted RF Spurious Emission

| Condition | Mode  | Frequency (MHz) | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | -42.52          | -20         | Pass    |
| NVNT      | 1-DH5 | 2441            | -43.22          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | -42.89          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | -42.36          | -20         | Pass    |
| NVNT      | 2-DH5 | 2441            | -42.26          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | -43.1           | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | -41.69          | -20         | Pass    |
| NVNT      | 3-DH5 | 2441            | -42.57          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | -42.35          | -20         | Pass    |

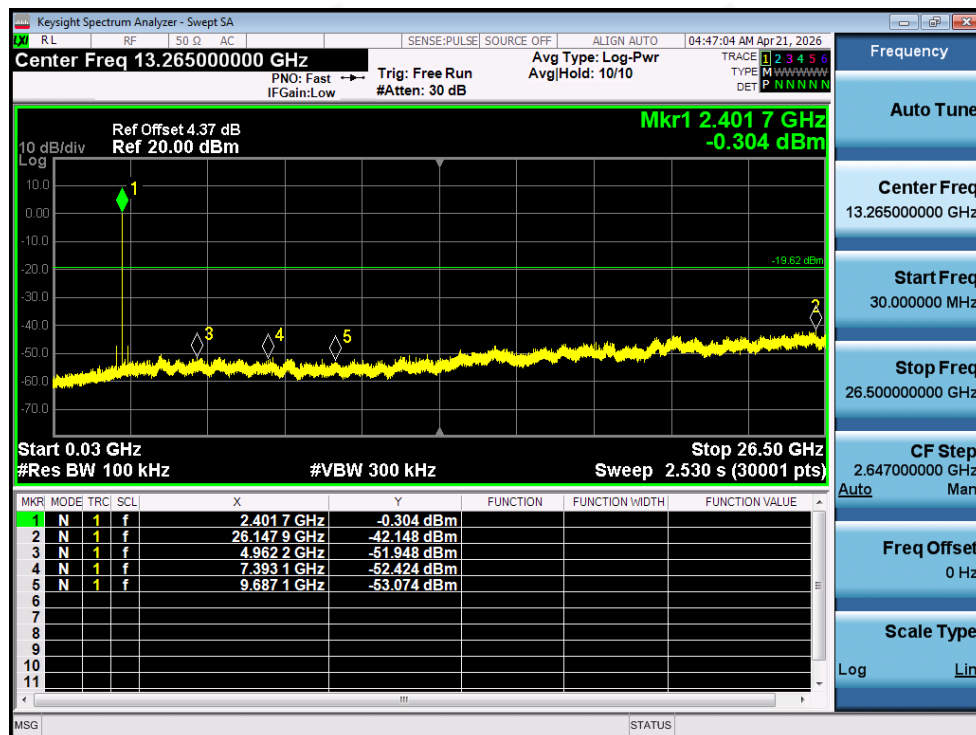


## Test Graphs

Tx. Spurious NVNT 1-DH1 2402MHz Ref



Tx. Spurious NVNT 1-DH1 2402MHz Emission

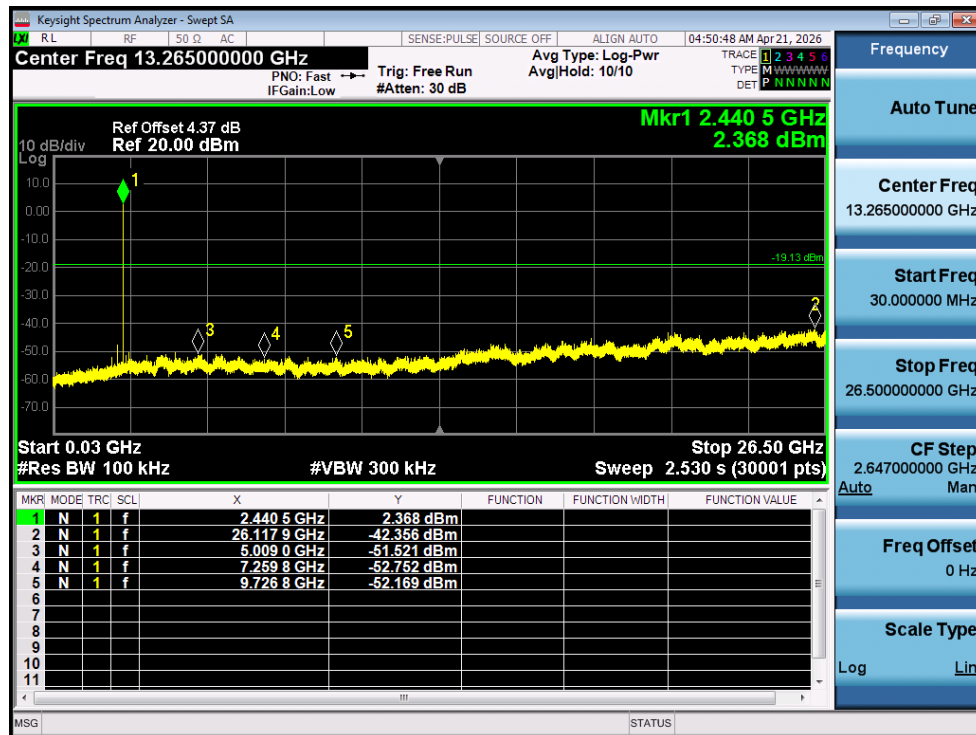




Tx. Spurious NVNT 1-DH1 2441MHz Ref



Tx. Spurious NVNT 1-DH1 2441MHz Emission

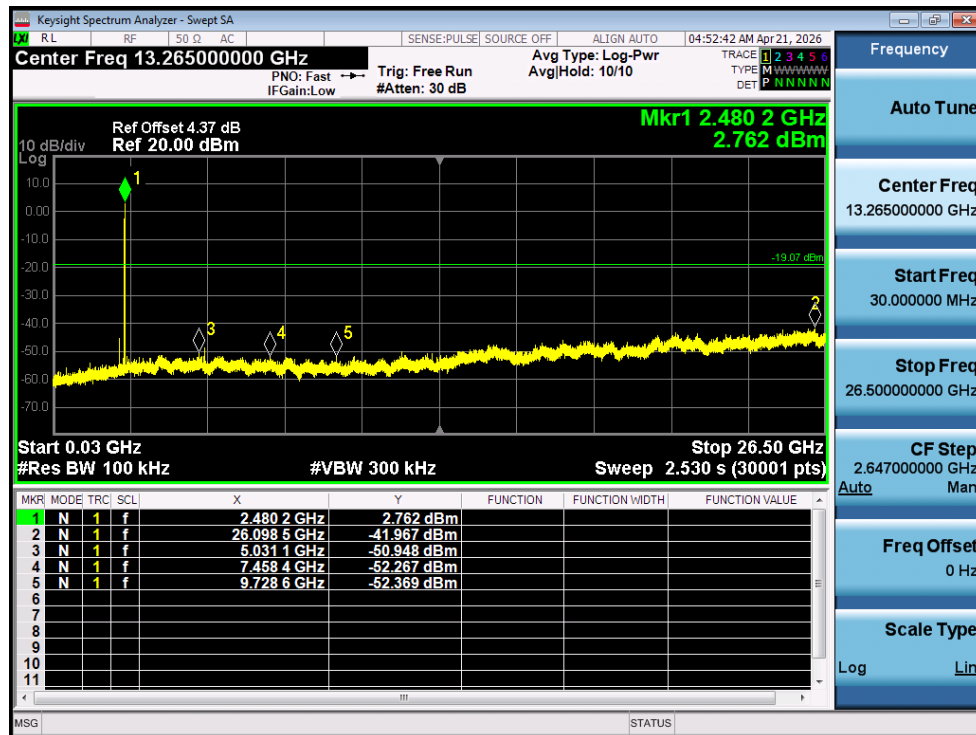




Tx. Spurious NVNT 1-DH1 2480MHz Ref



Tx. Spurious NVNT 1-DH1 2480MHz Emission

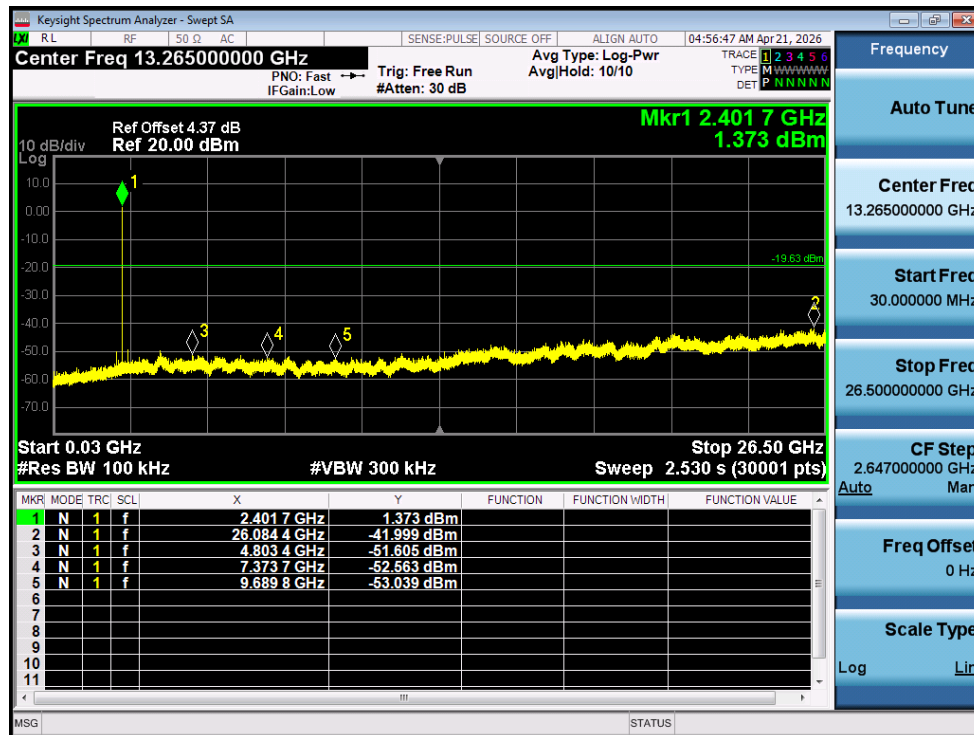




Tx. Spurious NVNT 2-DH1 2402MHz Ref



Tx. Spurious NVNT 2-DH1 2402MHz Emission

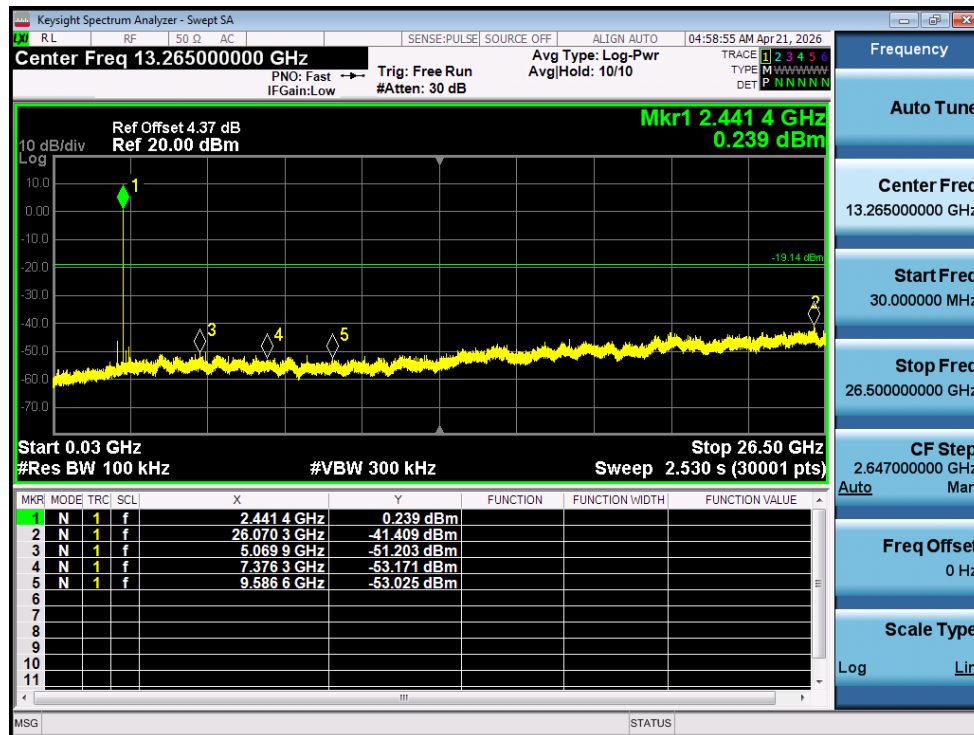




Tx. Spurious NVNT 2-DH1 2441MHz Ref



Tx. Spurious NVNT 2-DH1 2441MHz Emission

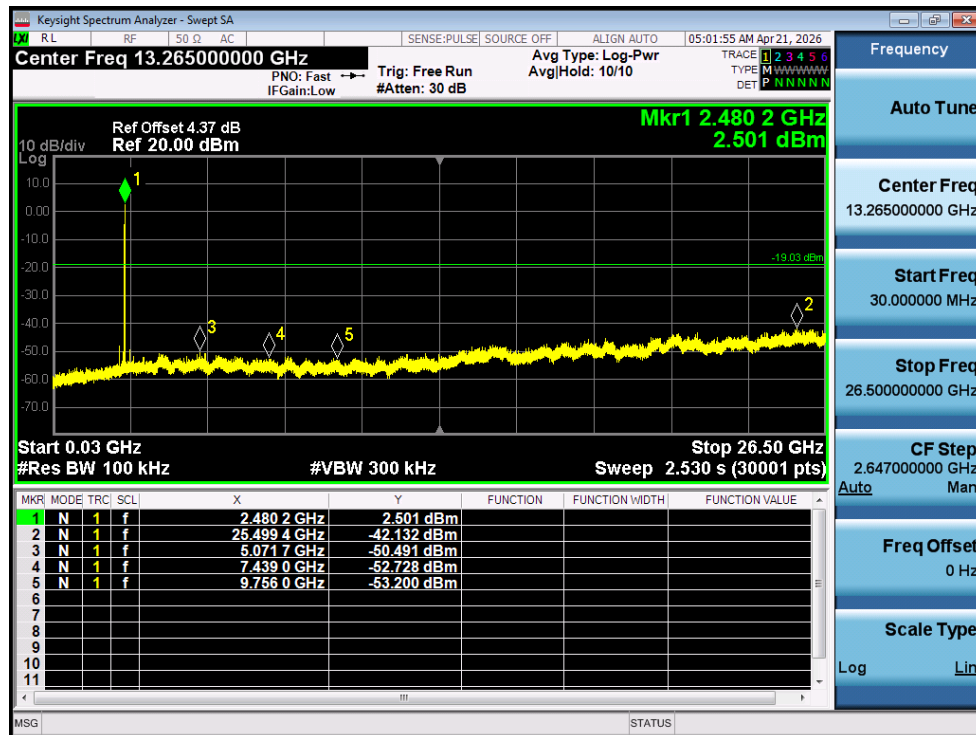




Tx. Spurious NVNT 2-DH1 2480MHz Ref



Tx. Spurious NVNT 2-DH1 2480MHz Emission

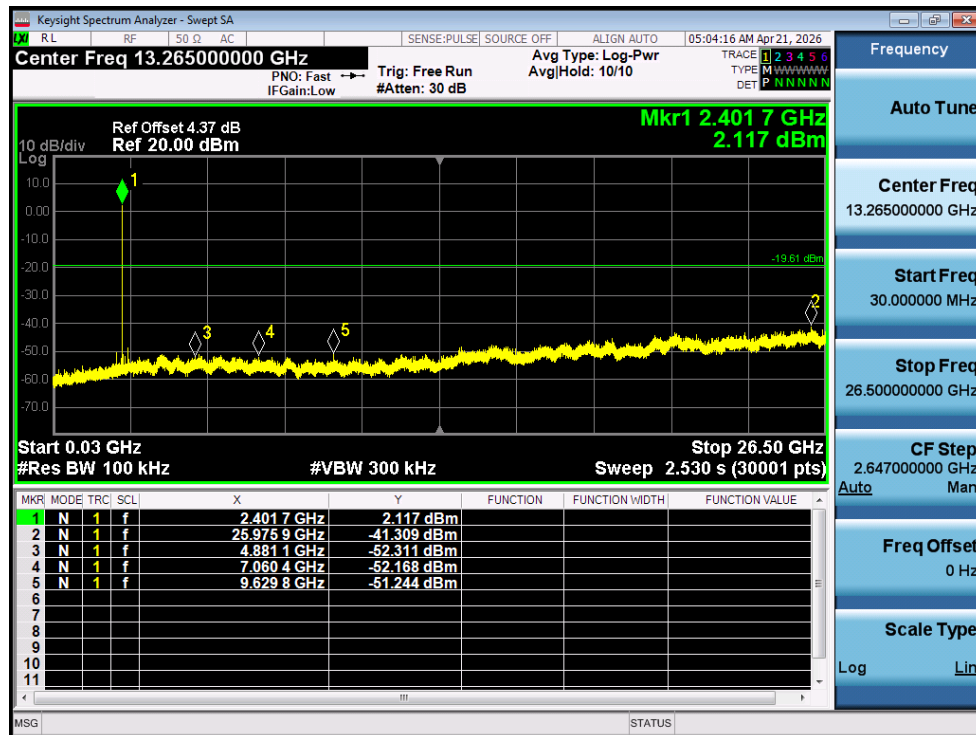




Tx. Spurious NVNT 3-DH1 2402MHz Ref



Tx. Spurious NVNT 3-DH1 2402MHz Emission

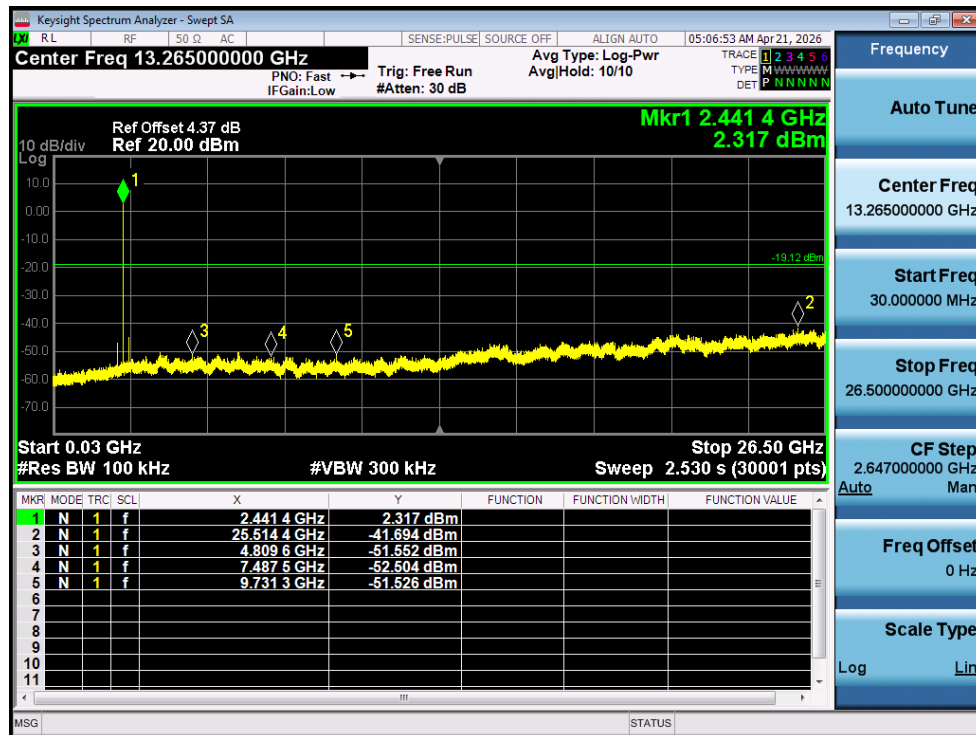




Tx. Spurious NVNT 3-DH1 2441MHz Ref



Tx. Spurious NVNT 3-DH1 2441MHz Emission

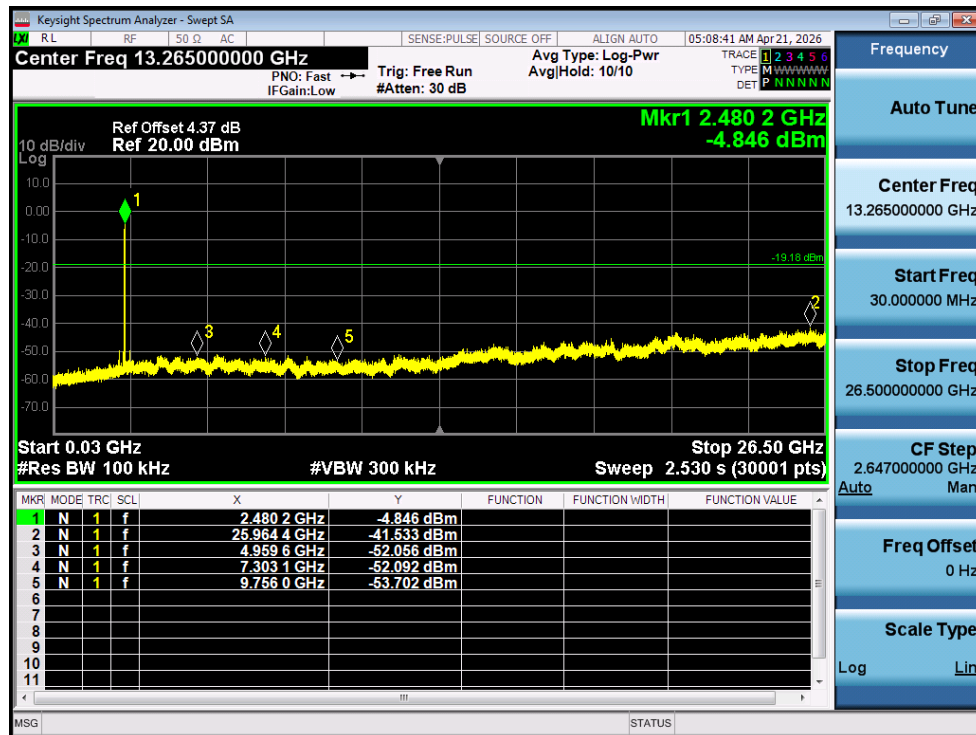




Tx. Spurious NVNT 3-DH1 2480MHz Ref



Tx. Spurious NVNT 3-DH1 2480MHz Emission





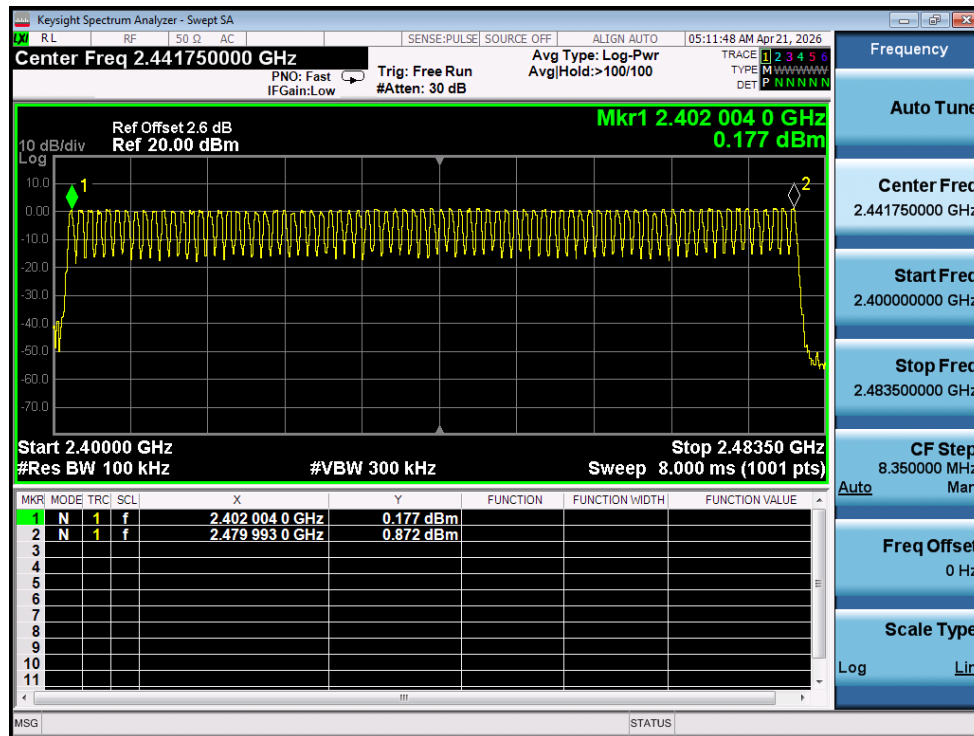
## Number of Hopping Channel

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

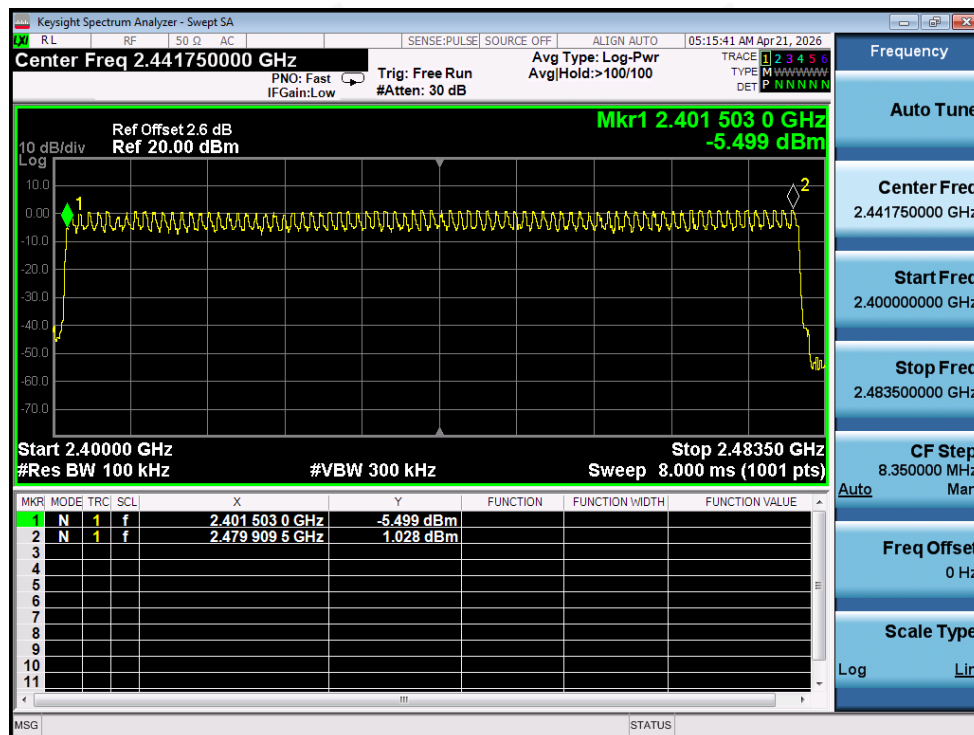


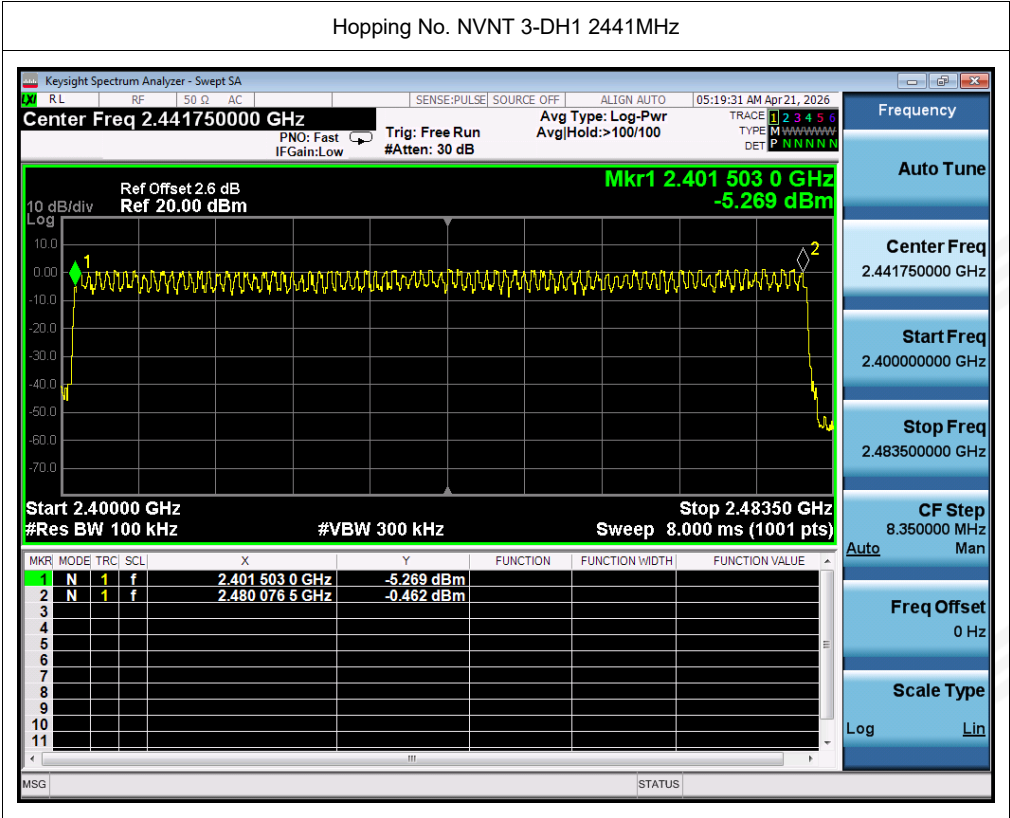
## Test Graphs

Hopping No. NVNT 1-DH1 2441MHz



Hopping No. NVNT 2-DH1 2441MHz







## 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\*\*\*\*\*