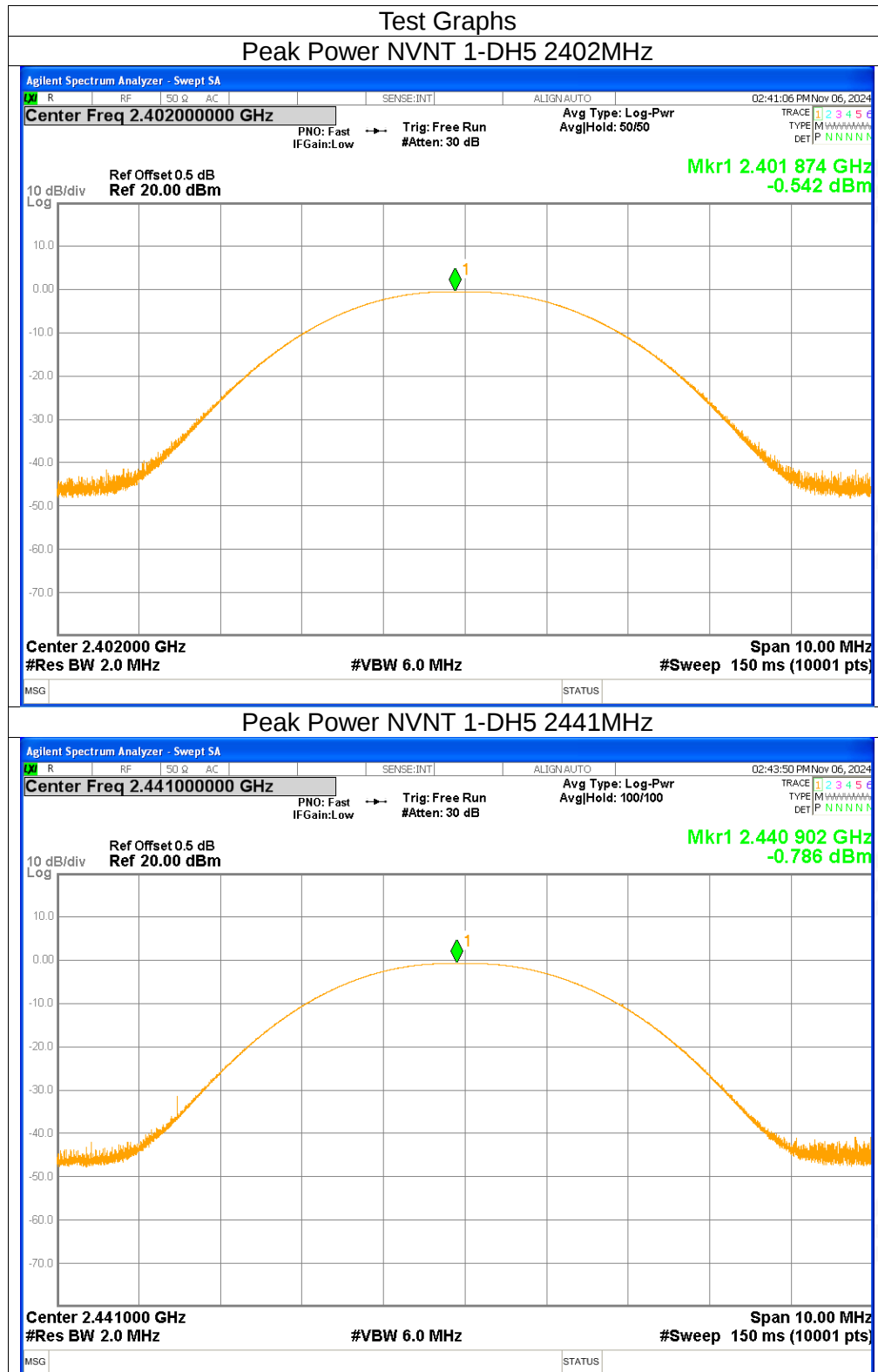




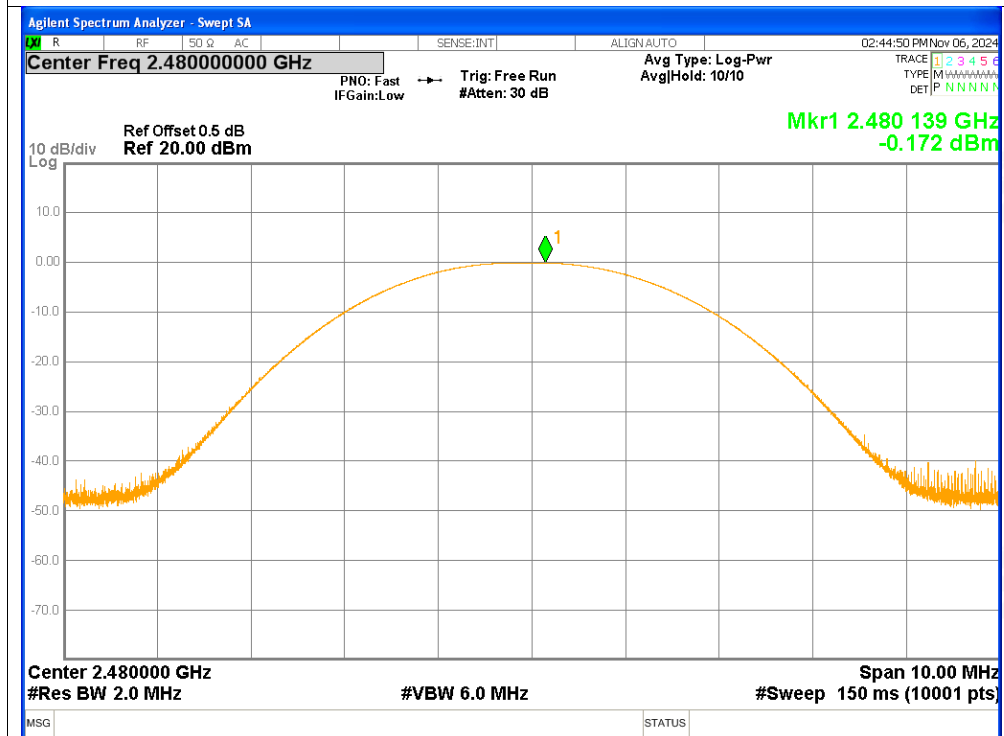
## 2. Maximum Peak Conducted Output Power

| Condition | Mode  | Frequency (MHz) | Conducted Power (dBm) | Limit (dBm)  | Verdict |
|-----------|-------|-----------------|-----------------------|--------------|---------|
| NVNT      | 1-DH5 | 2402            | -0.54                 | $\leq 20.97$ | Pass    |
| NVNT      | 1-DH5 | 2441            | -0.79                 | $\leq 20.97$ | Pass    |
| NVNT      | 1-DH5 | 2480            | -0.17                 | $\leq 20.97$ | Pass    |
| NVNT      | 2-DH5 | 2402            | -0.51                 | $\leq 20.97$ | Pass    |
| NVNT      | 2-DH5 | 2441            | -0.65                 | $\leq 20.97$ | Pass    |
| NVNT      | 2-DH5 | 2480            | -0.04                 | $\leq 20.97$ | Pass    |
| NVNT      | 3-DH5 | 2402            | -0.23                 | $\leq 20.97$ | Pass    |
| NVNT      | 3-DH5 | 2441            | -0.53                 | $\leq 20.97$ | Pass    |
| NVNT      | 3-DH5 | 2480            | 0.07                  | $\leq 20.97$ | Pass    |

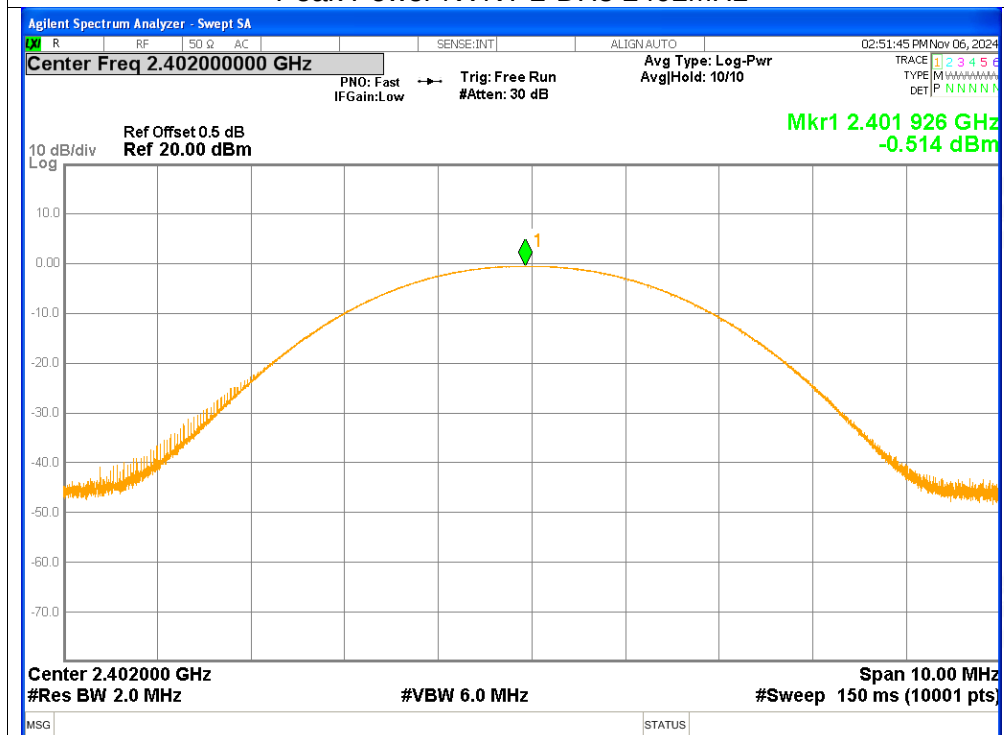




## Peak Power NVNT 1-DH5 2480MHz

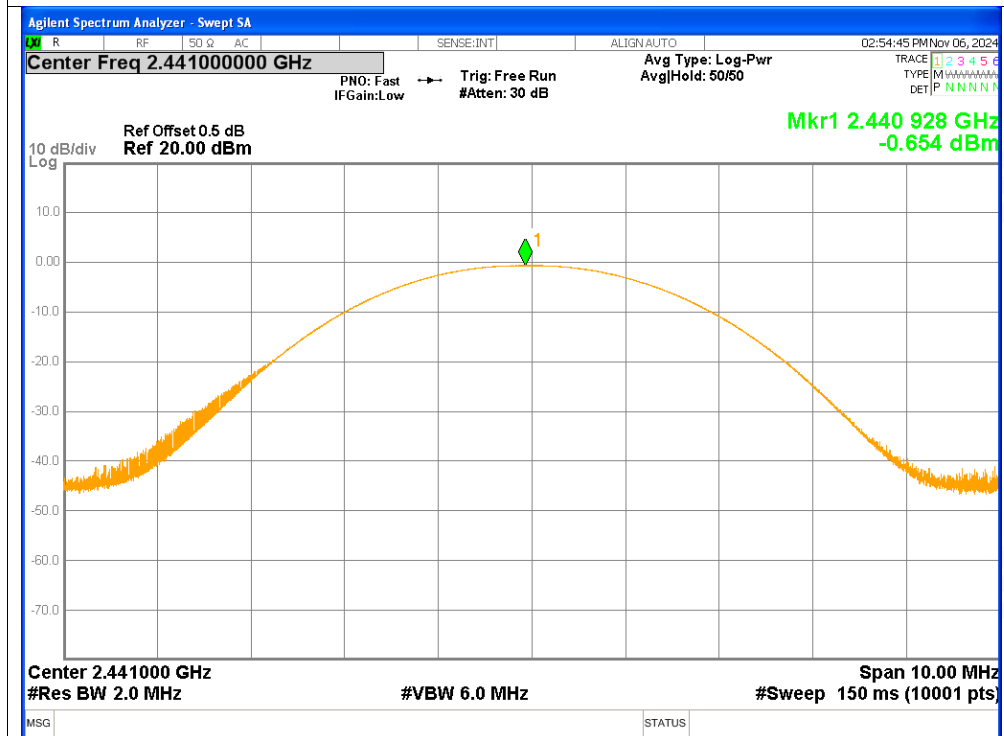


## Peak Power NVNT 2-DH5 2402MHz

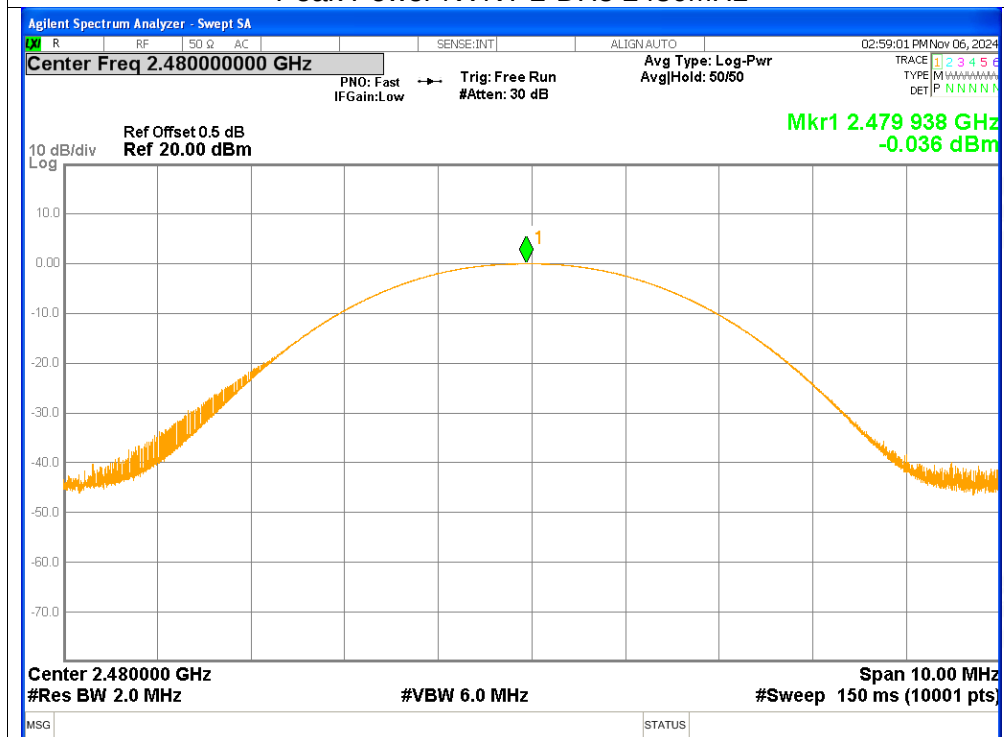




## Peak Power NVNT 2-DH5 2441MHz

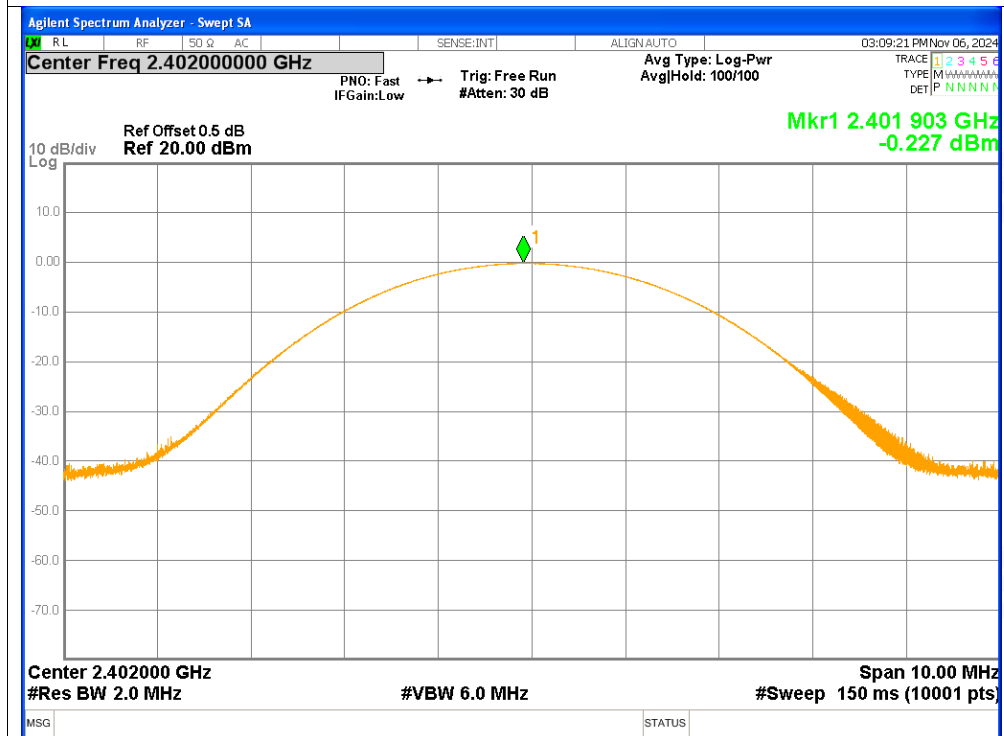


## Peak Power NVNT 2-DH5 2480MHz

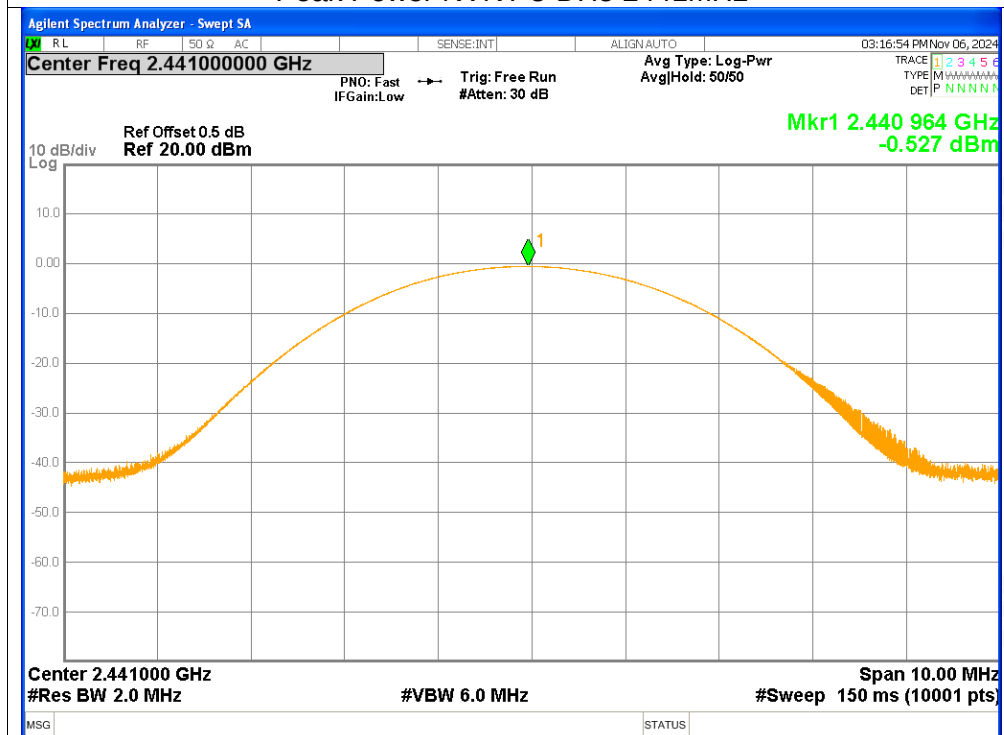


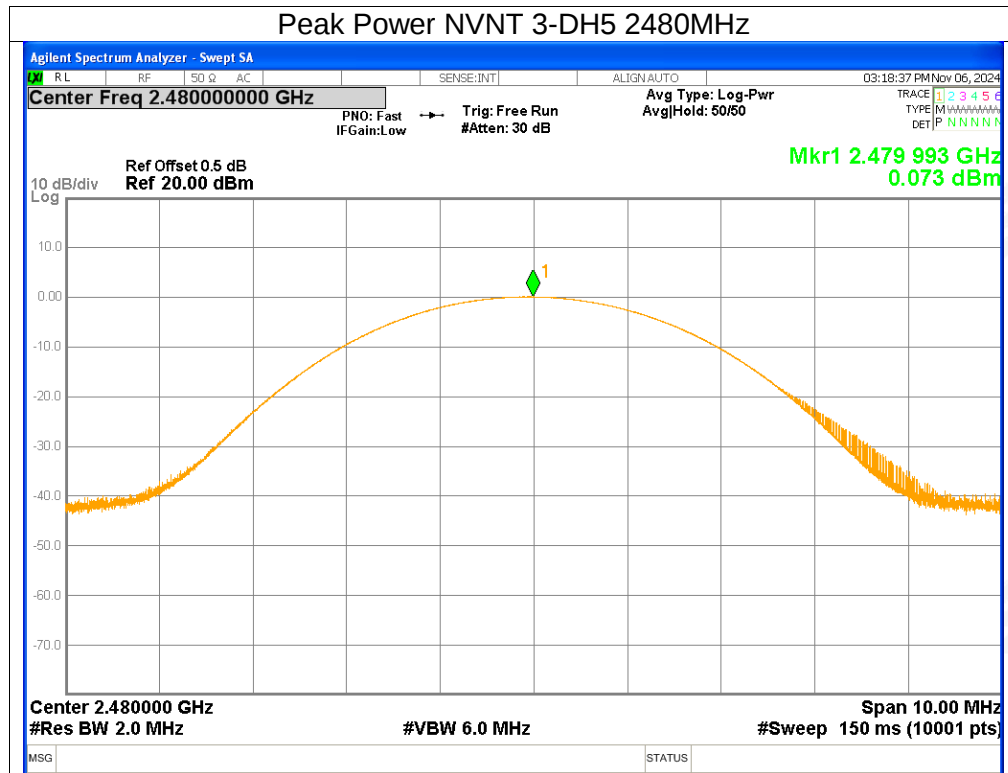


## Peak Power NVNT 3-DH5 2402MHz



## Peak Power NVNT 3-DH5 2441MHz







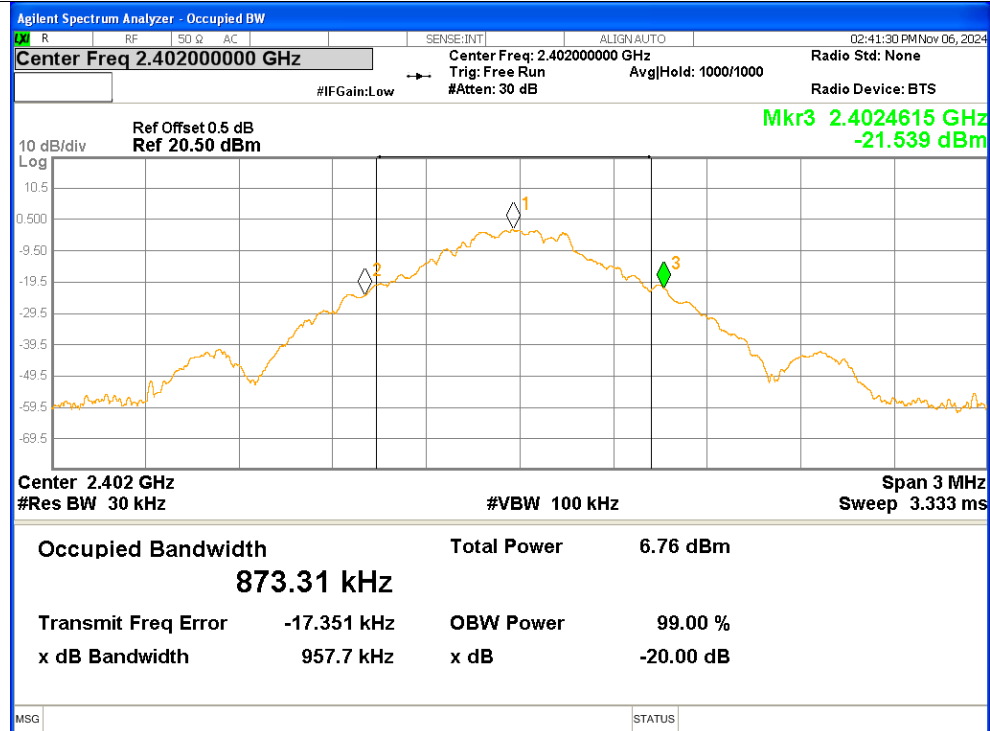
### 3. -20dB Bandwidth

| Condition | Mode  | Frequency (MHz) | -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|------------------------|---------|
| NVNT      | 1-DH5 | 2402            | 0.9577                 | Pass    |
| NVNT      | 1-DH5 | 2441            | 0.9549                 | Pass    |
| NVNT      | 1-DH5 | 2480            | 0.9546                 | Pass    |
| NVNT      | 2-DH5 | 2402            | 1.486                  | Pass    |
| NVNT      | 2-DH5 | 2441            | 1.487                  | Pass    |
| NVNT      | 2-DH5 | 2480            | 1.487                  | Pass    |
| NVNT      | 3-DH5 | 2402            | 1.4829                 | Pass    |
| NVNT      | 3-DH5 | 2441            | 1.4817                 | Pass    |
| NVNT      | 3-DH5 | 2480            | 1.4838                 | Pass    |

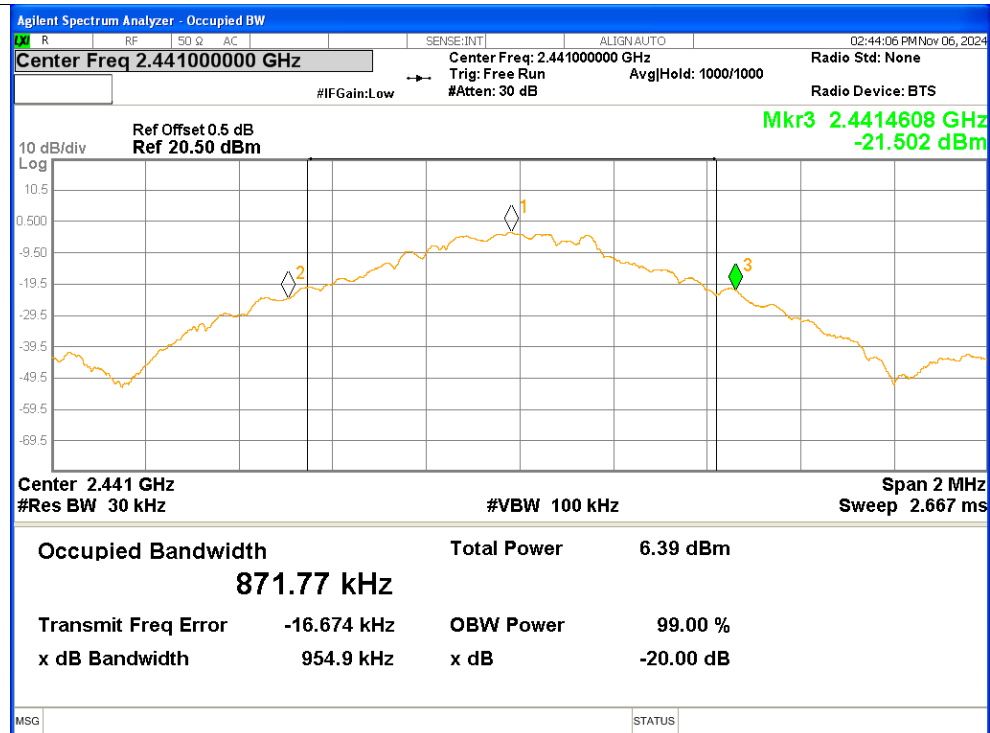


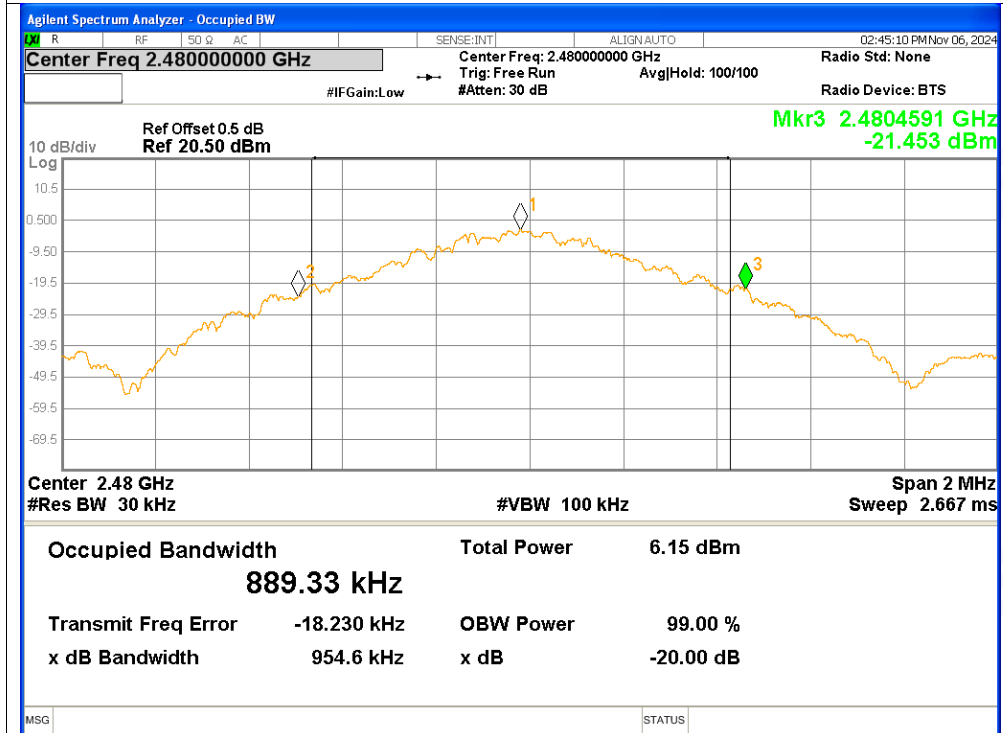
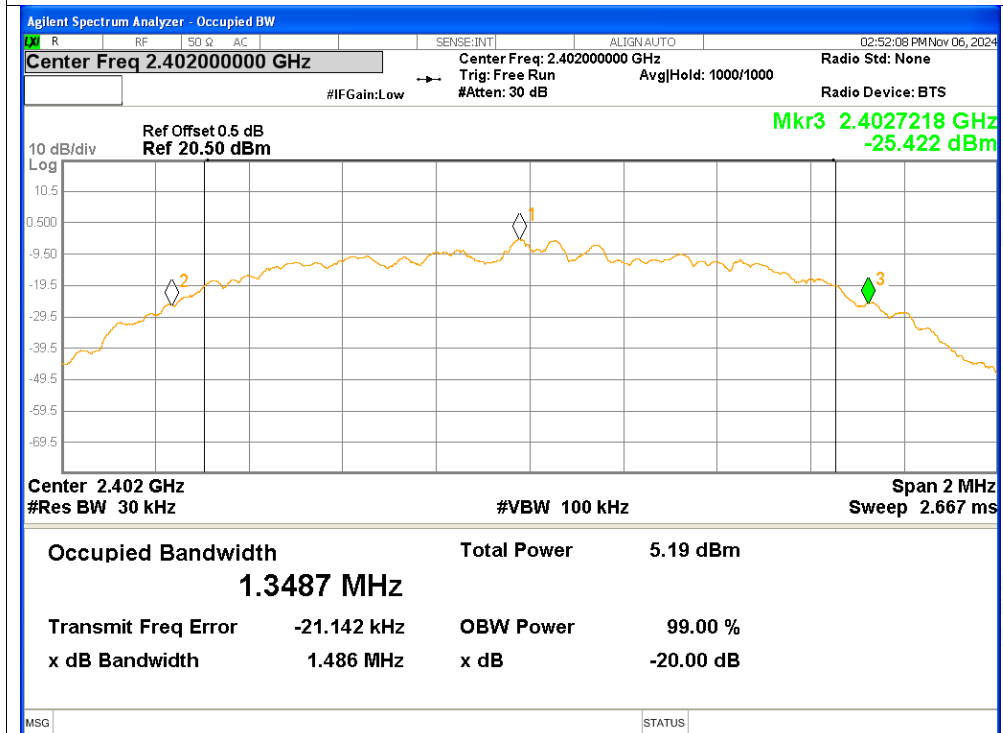
## Test Graphs

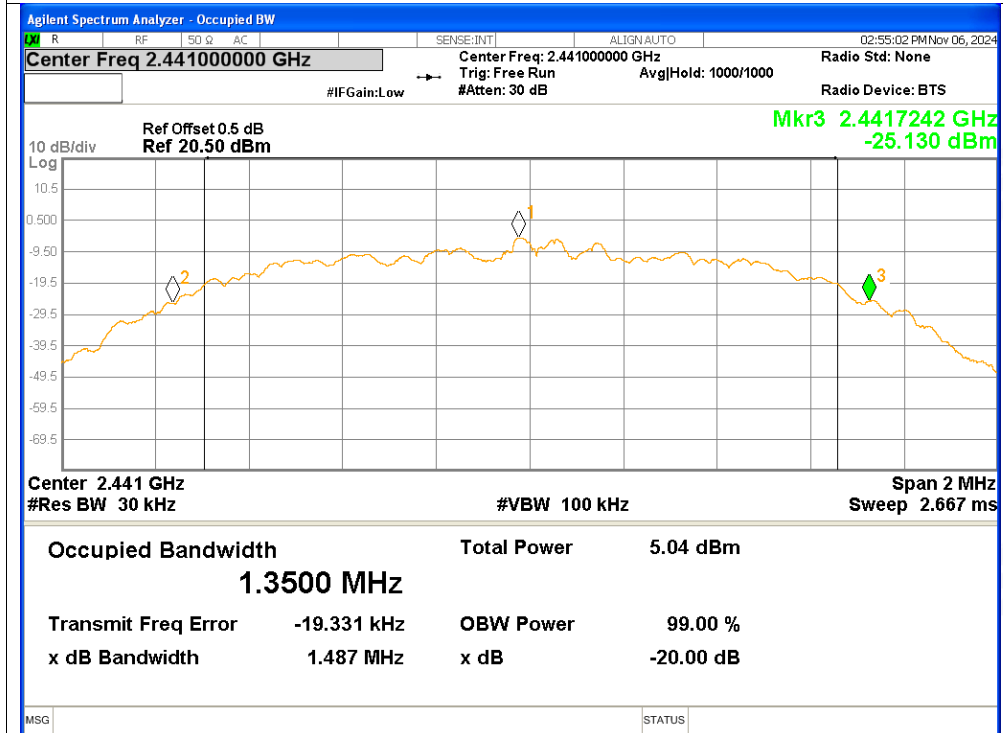
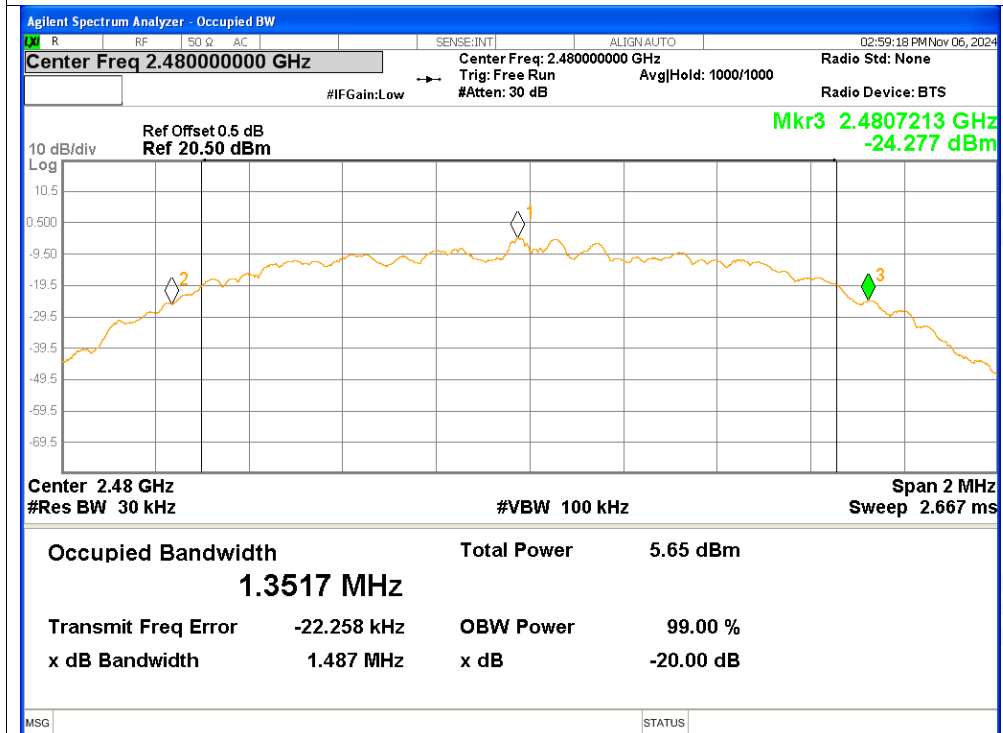
## -20dB Bandwidth NVNT 1-DH5 2402MHz

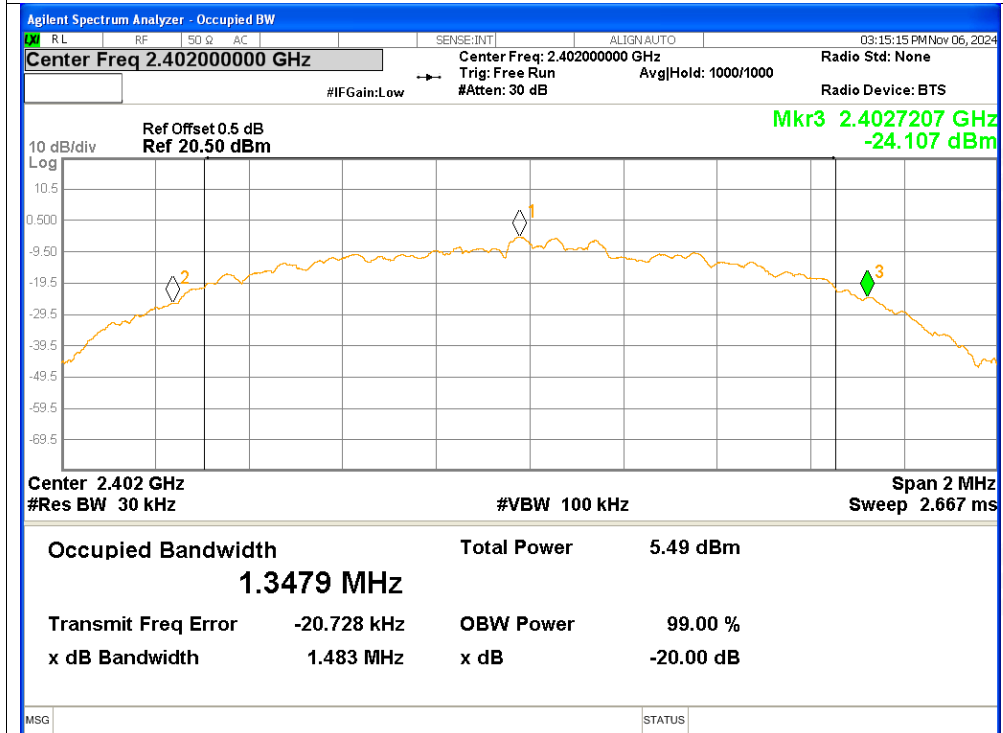
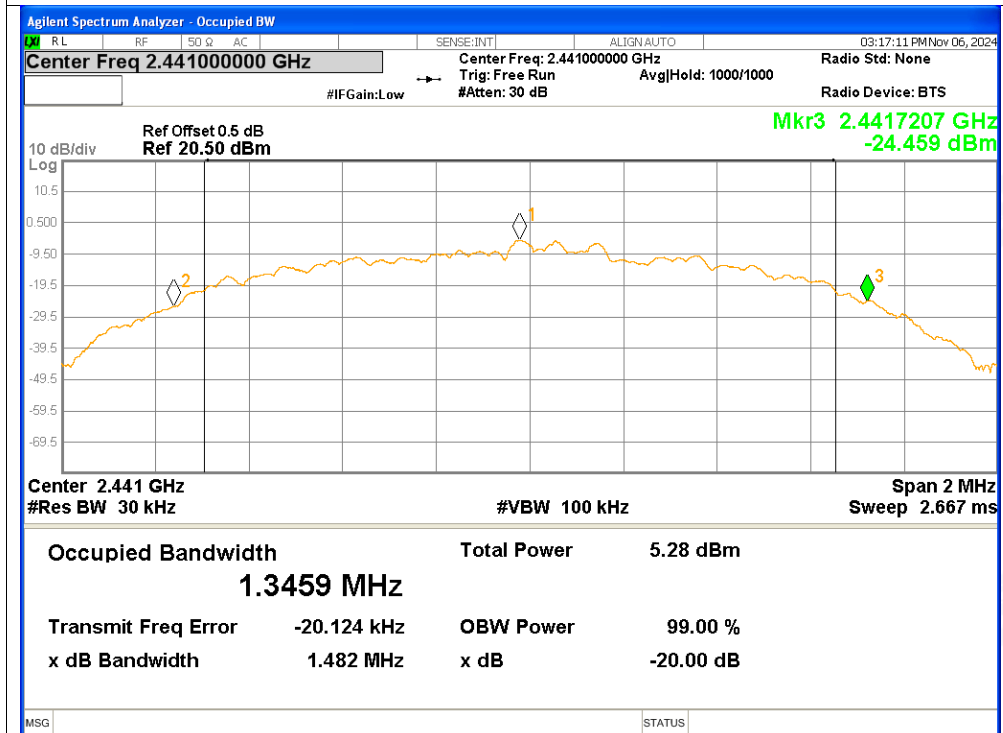


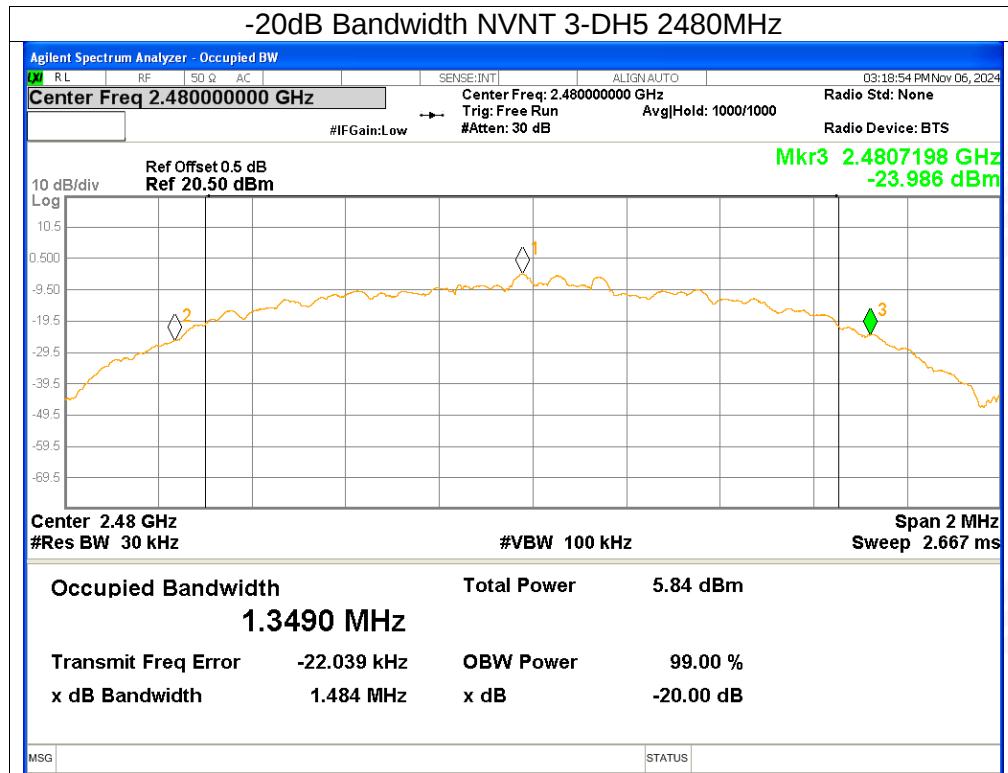
## -20dB Bandwidth NVNT 1-DH5 2441MHz



**-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**



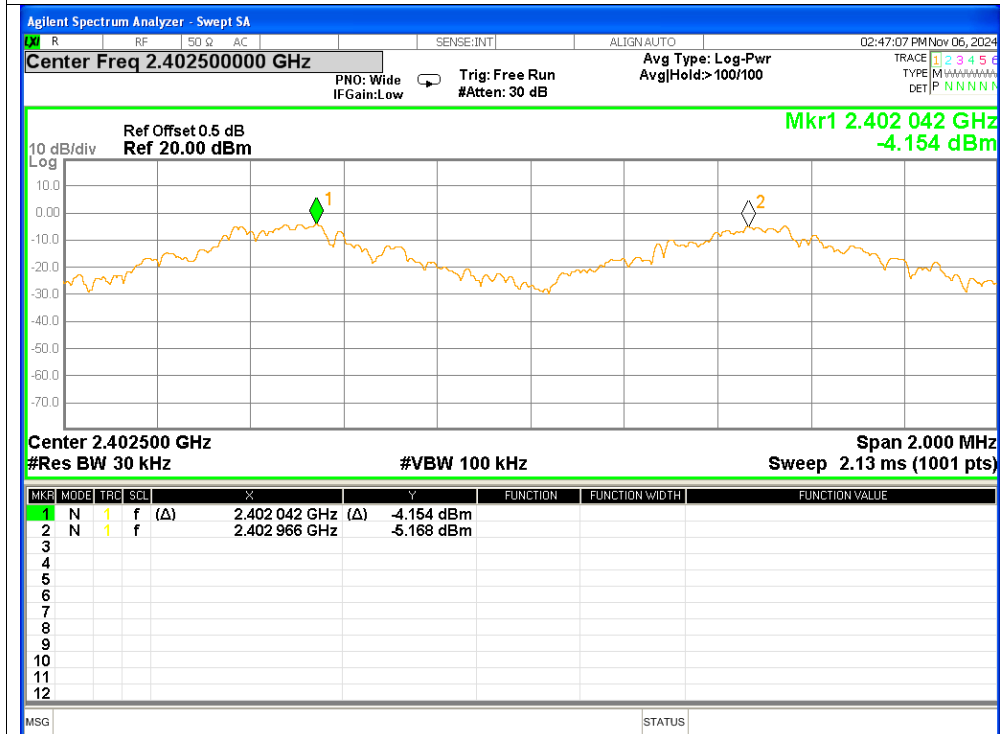


#### 4. Carrier Frequencies Separation

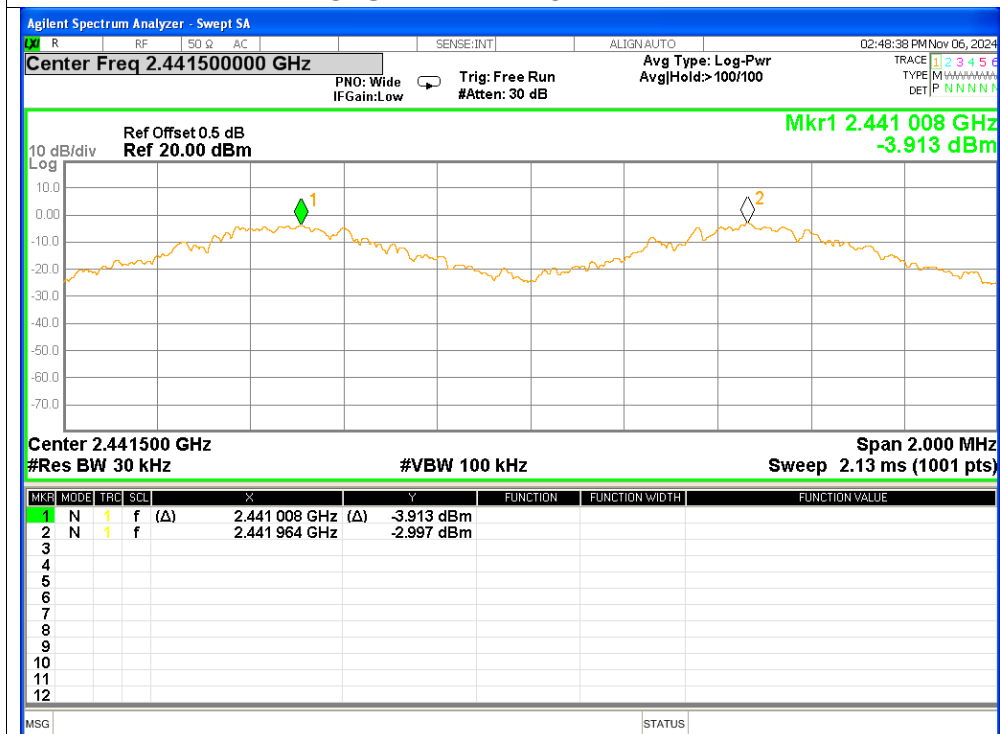
| Condition | Mode  | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz)  | Verdict |
|-----------|-------|---------------------|---------------------|-----------|--------------|---------|
| NVNT      | 1-DH5 | 2402.042            | 2402.966            | 0.924     | $\geq 0.638$ | Pass    |
| NVNT      | 1-DH5 | 2441.008            | 2441.964            | 0.956     | $\geq 0.637$ | Pass    |
| NVNT      | 1-DH5 | 2478.994            | 2479.992            | 0.998     | $\geq 0.636$ | Pass    |
| NVNT      | 2-DH5 | 2401.97             | 2402.97             | 1         | $\geq 0.991$ | Pass    |
| NVNT      | 2-DH5 | 2440.974            | 2442.064            | 1.09      | $\geq 0.991$ | Pass    |
| NVNT      | 2-DH5 | 2478.798            | 2480.126            | 1.328     | $\geq 0.991$ | Pass    |
| NVNT      | 3-DH5 | 2402.062            | 2403.08             | 1.018     | $\geq 0.989$ | Pass    |
| NVNT      | 3-DH5 | 2440.984            | 2441.974            | 0.99      | $\geq 0.988$ | Pass    |
| NVNT      | 3-DH5 | 2478.978            | 2480.146            | 1.168     | $\geq 0.989$ | Pass    |

## Test Graphs

CFS NVNT 1-DH5 2402MHz

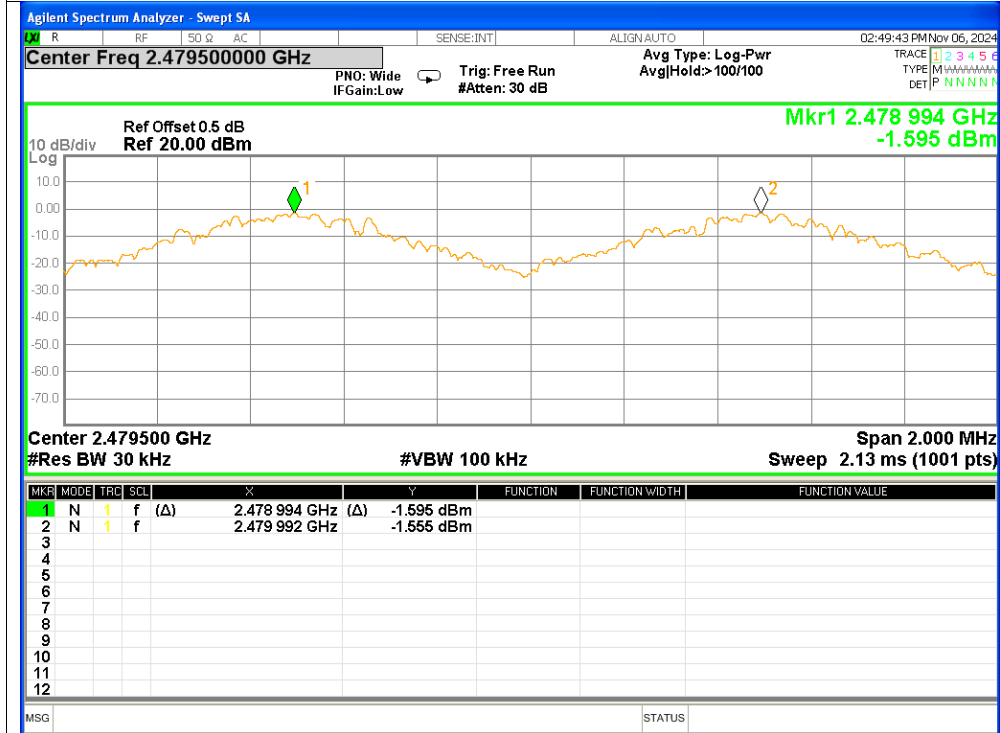


CFS NVNT 1-DH5 2441MHz

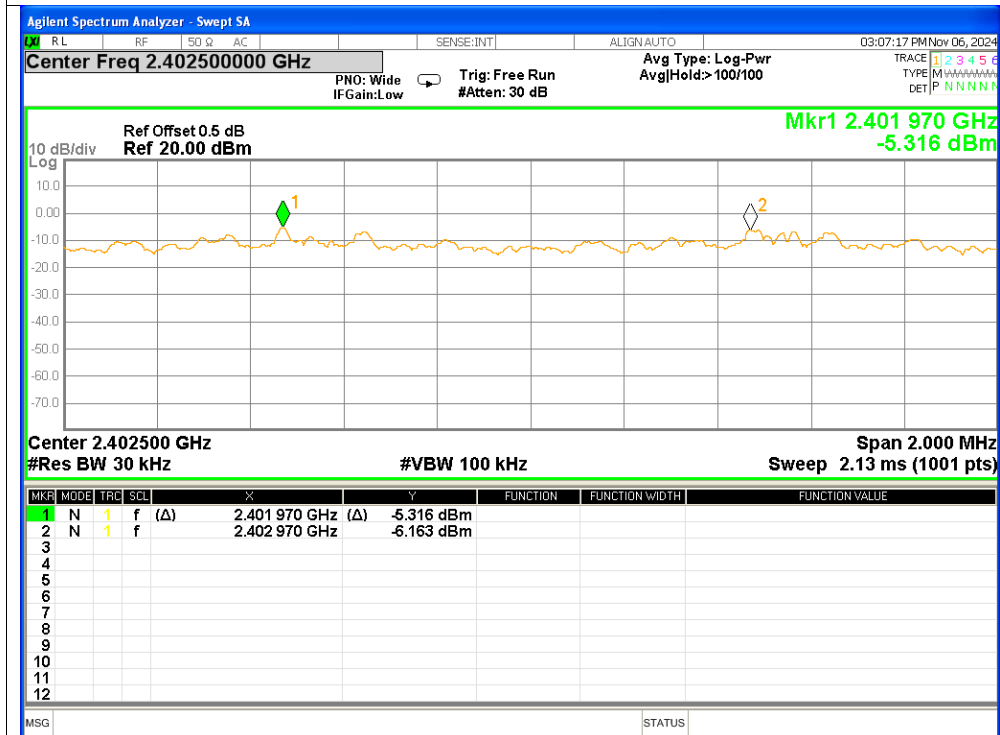




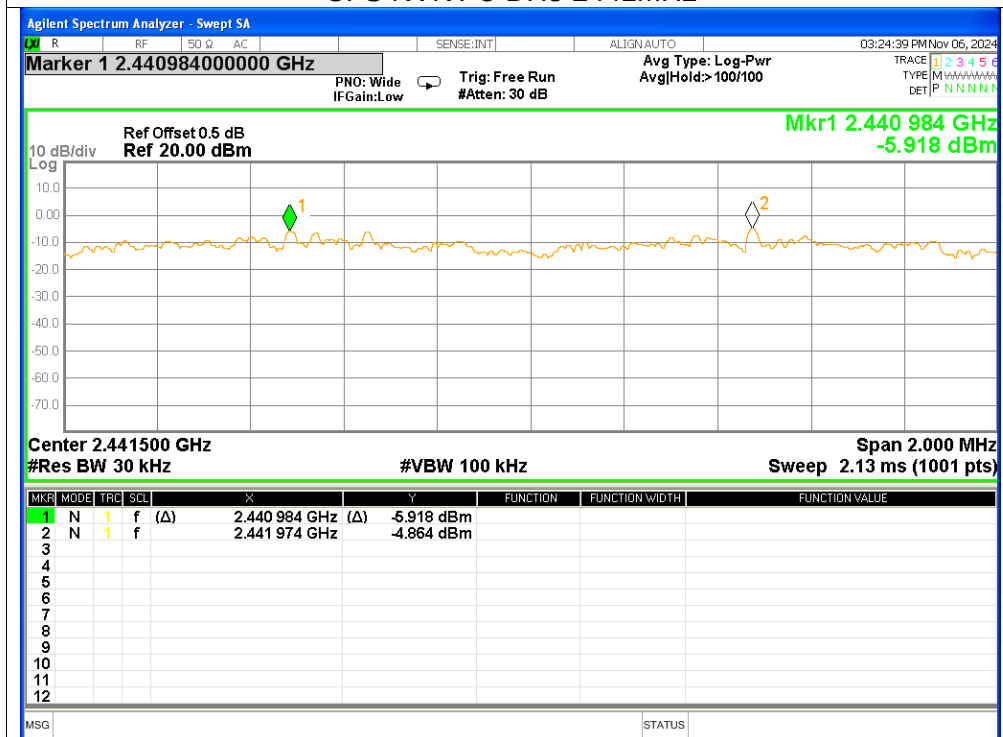
## CFS NVNT 1-DH5 2480MHz

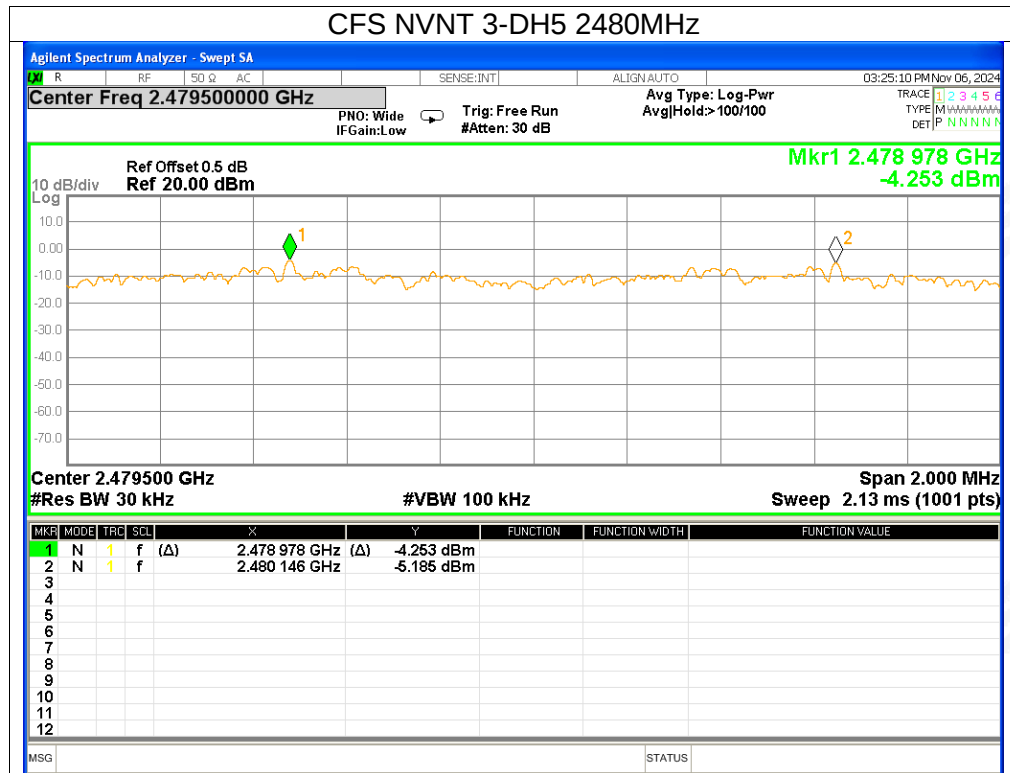


## CFS NVNT 2-DH5 2402MHz











## 5. Number of Hopping Channel

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







## 6. Band Edge

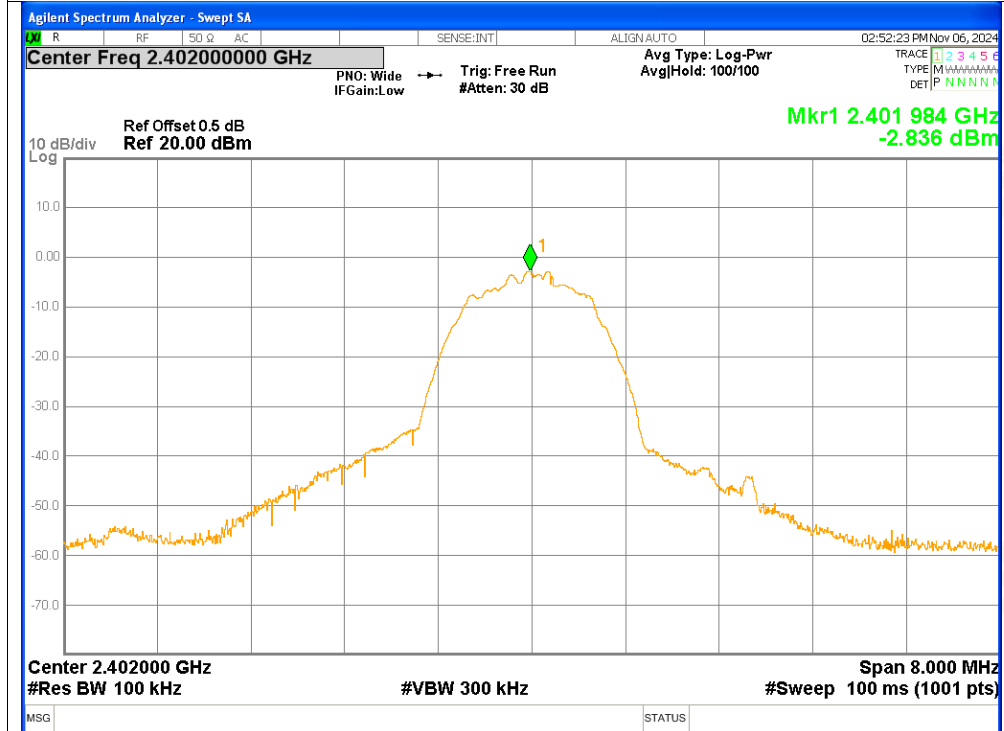
| Condition | Mode  | Frequency (MHz) | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | No-Hopping   | -45.83          | $\leq -20$  | Pass    |
| NVNT      | 1-DH5 | 2480            | No-Hopping   | -42.05          | $\leq -20$  | Pass    |
| NVNT      | 2-DH5 | 2402            | No-Hopping   | -43.23          | $\leq -20$  | Pass    |
| NVNT      | 2-DH5 | 2480            | No-Hopping   | -39.44          | $\leq -20$  | Pass    |
| NVNT      | 3-DH5 | 2402            | No-Hopping   | -45.95          | $\leq -20$  | Pass    |
| NVNT      | 3-DH5 | 2480            | No-Hopping   | -39.46          | $\leq -20$  | Pass    |



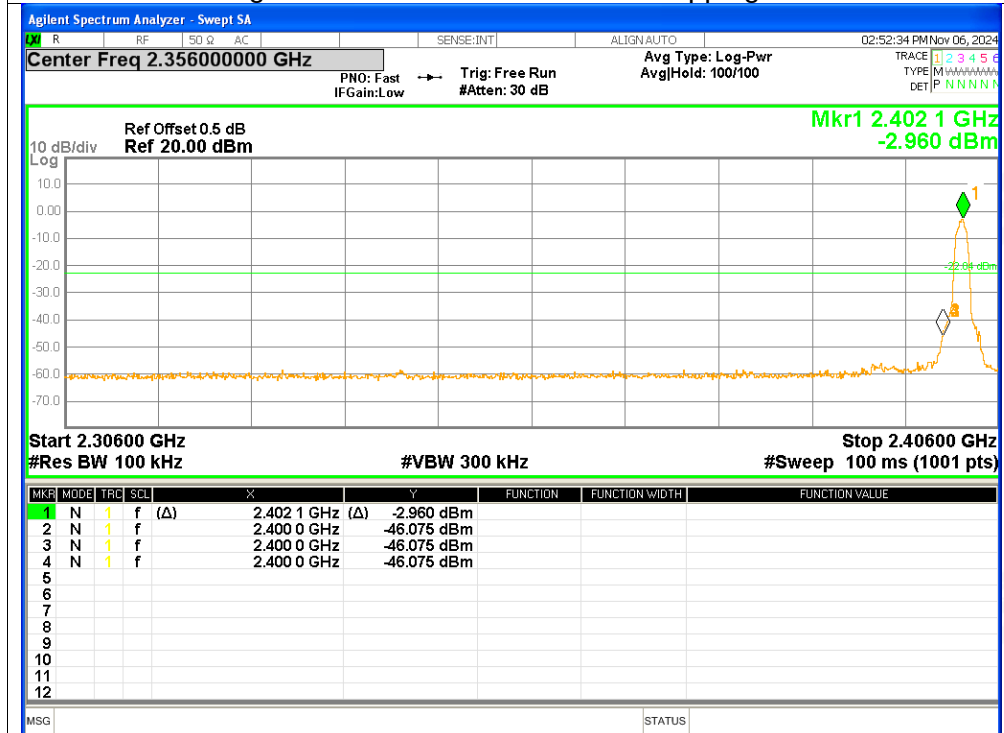


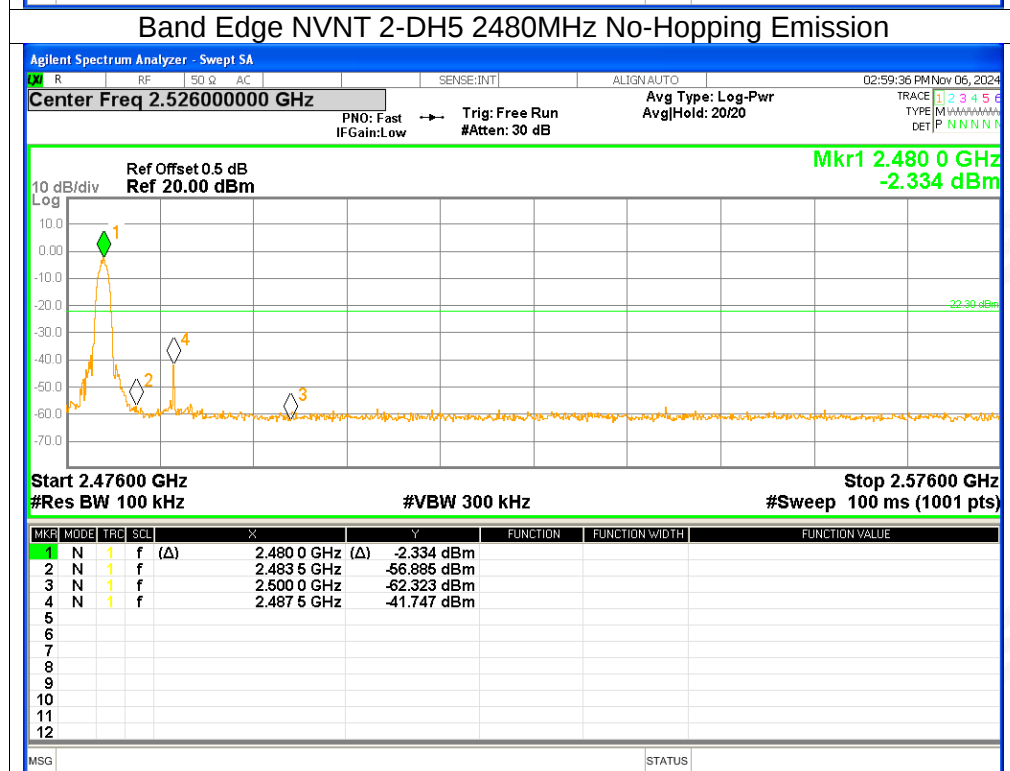
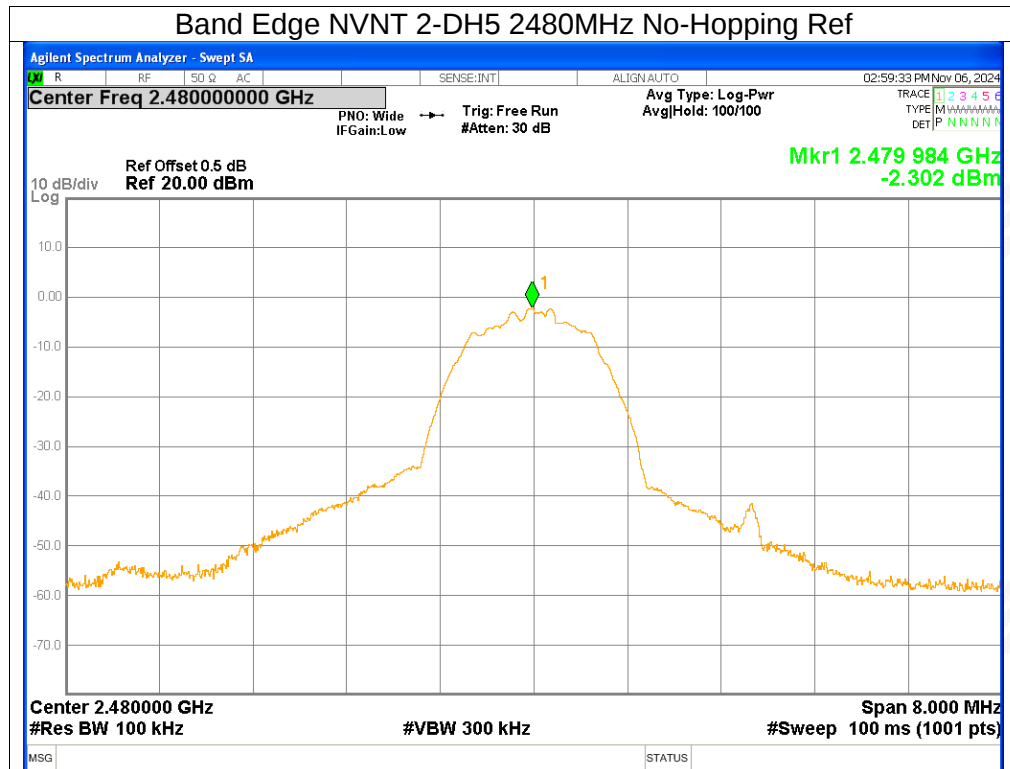


## Band Edge NVNT 2-DH5 2402MHz No-Hopping Ref



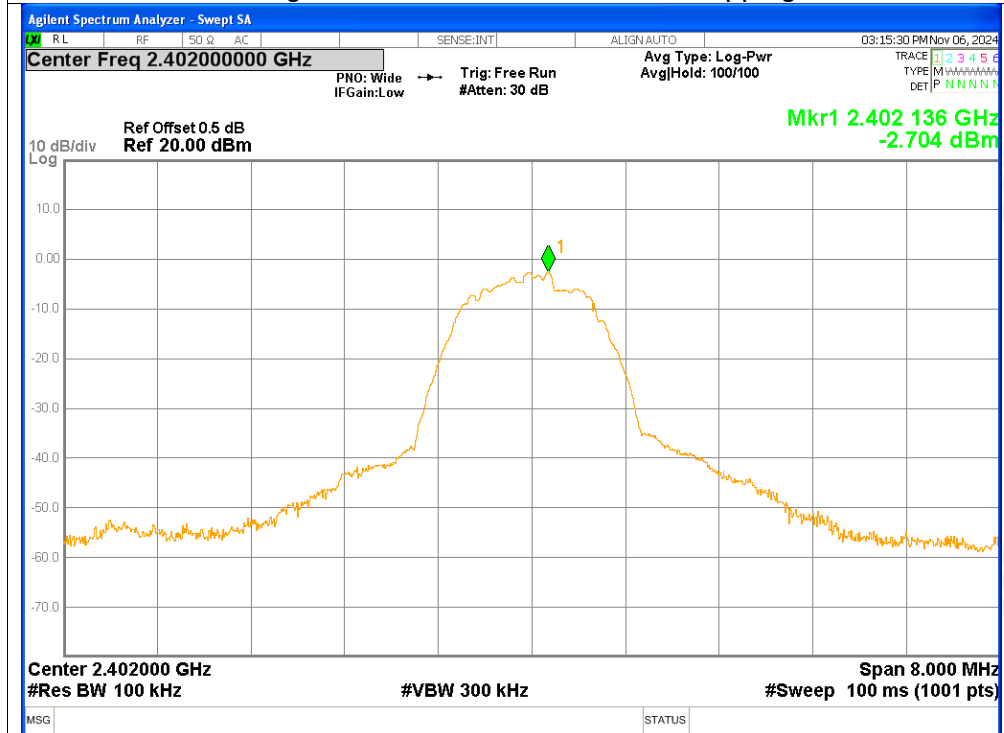
## Band Edge NVNT 2-DH5 2402MHz No-Hopping Emission



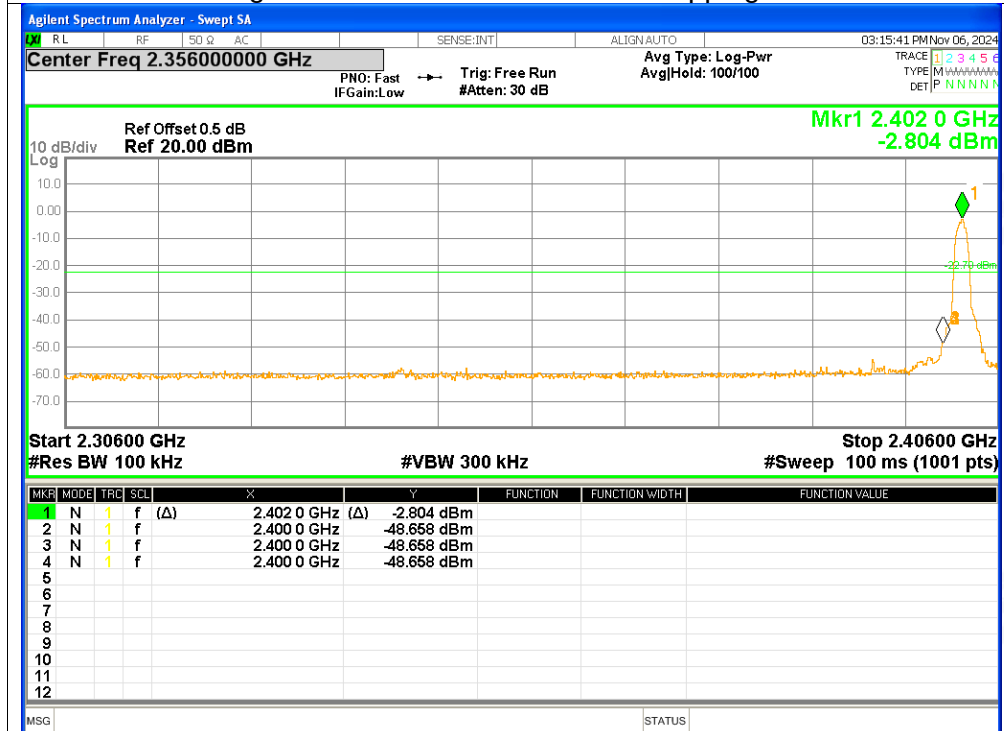




## Band Edge NVNT 3-DH5 2402MHz No-Hopping Ref



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

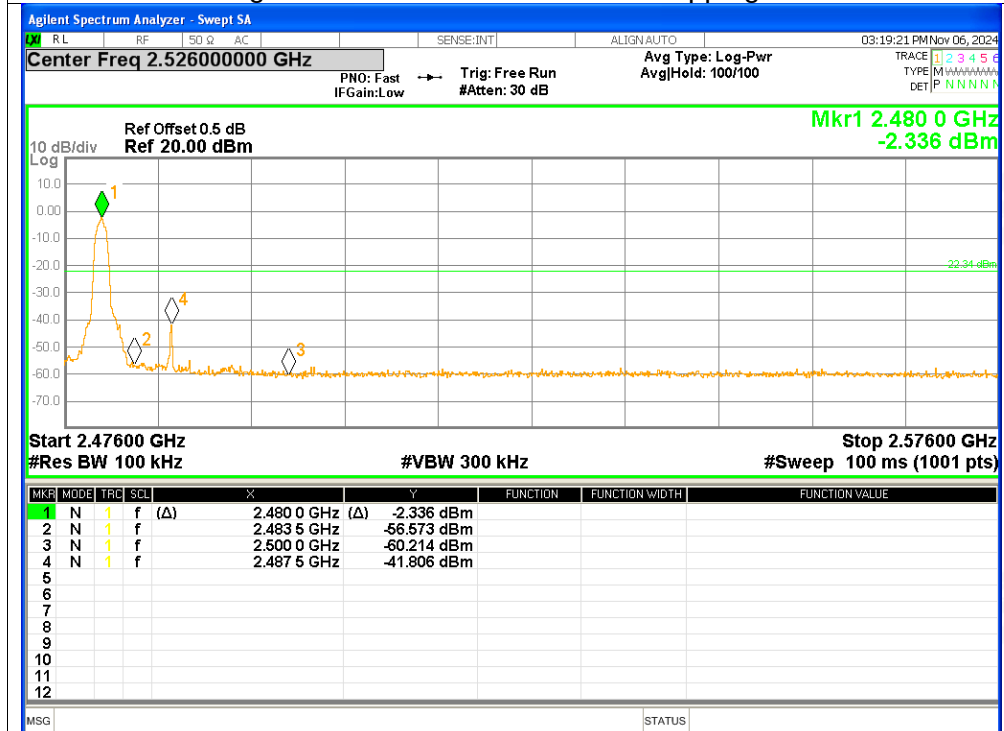




## Band Edge NVNT 3-DH5 2480MHz No-Hopping Ref



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





## 7. Band Edge(Hopping)

| Condition | Mode  | Frequency (MHz) | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Hopping      | -54.62          | $\leq -20$  | Pass    |
| NVNT      | 1-DH5 | 2480            | Hopping      | -57.59          | $\leq -20$  | Pass    |
| NVNT      | 2-DH5 | 2402            | Hopping      | -52.13          | $\leq -20$  | Pass    |
| NVNT      | 2-DH5 | 2480            | Hopping      | -41.64          | $\leq -20$  | Pass    |
| NVNT      | 3-DH5 | 2402            | Hopping      | -52.51          | $\leq -20$  | Pass    |
| NVNT      | 3-DH5 | 2480            | Hopping      | -54.37          | $\leq -20$  | Pass    |

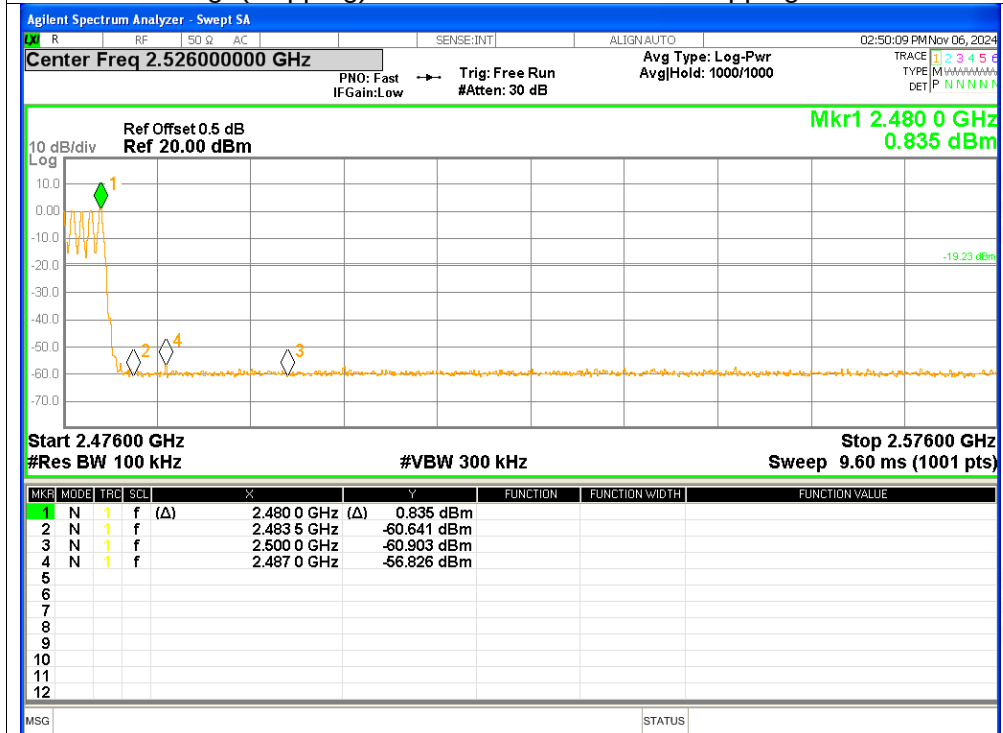




## Band Edge(Hopping) NVNT 1-DH5 2480MHz Hopping Ref

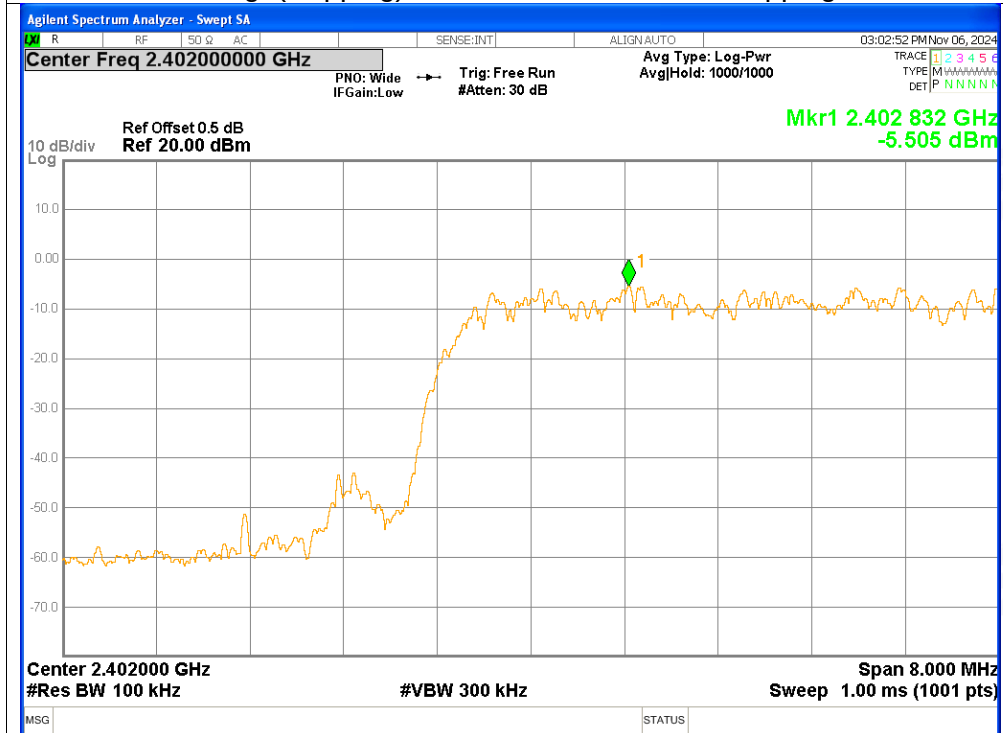


## Band Edge(Hopping) NVNT 1-DH5 2480MHz Hopping Emission

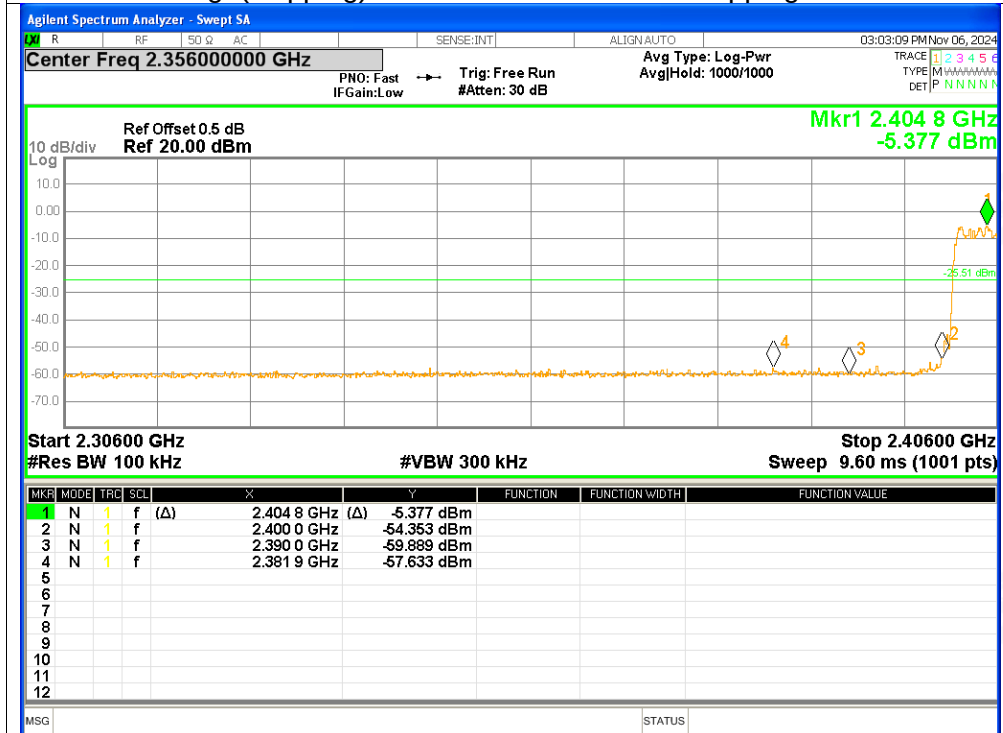




## Band Edge(Hopping) NVNT 2-DH5 2402MHz Hopping Ref



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

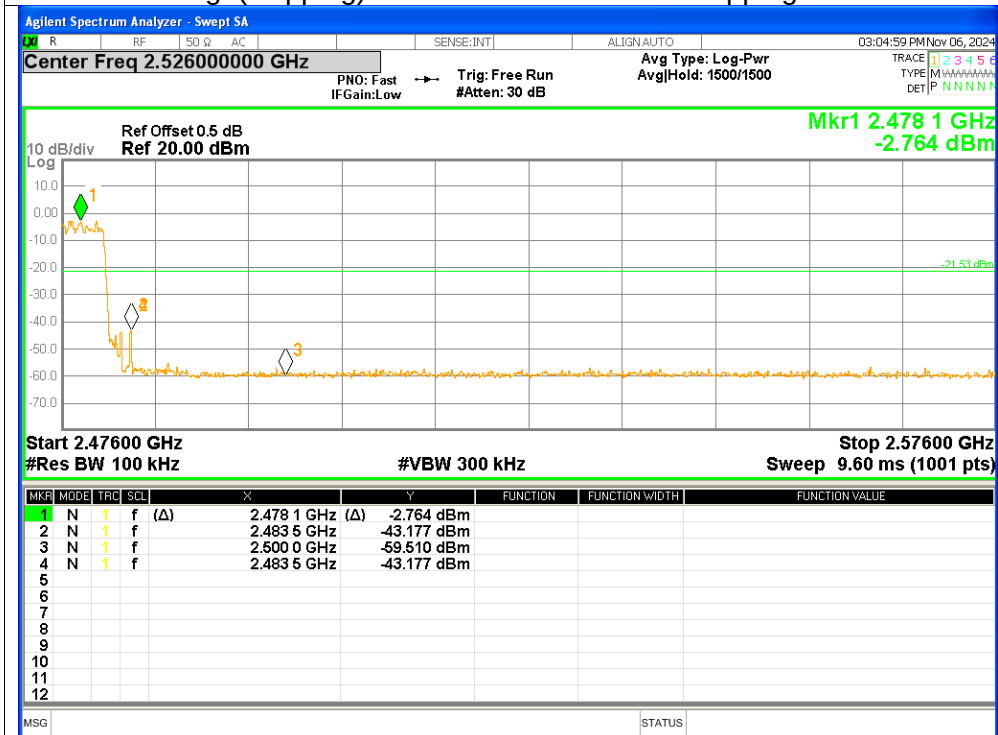




## Band Edge(Hopping) NVNT 2-DH5 2480MHz Hopping Ref

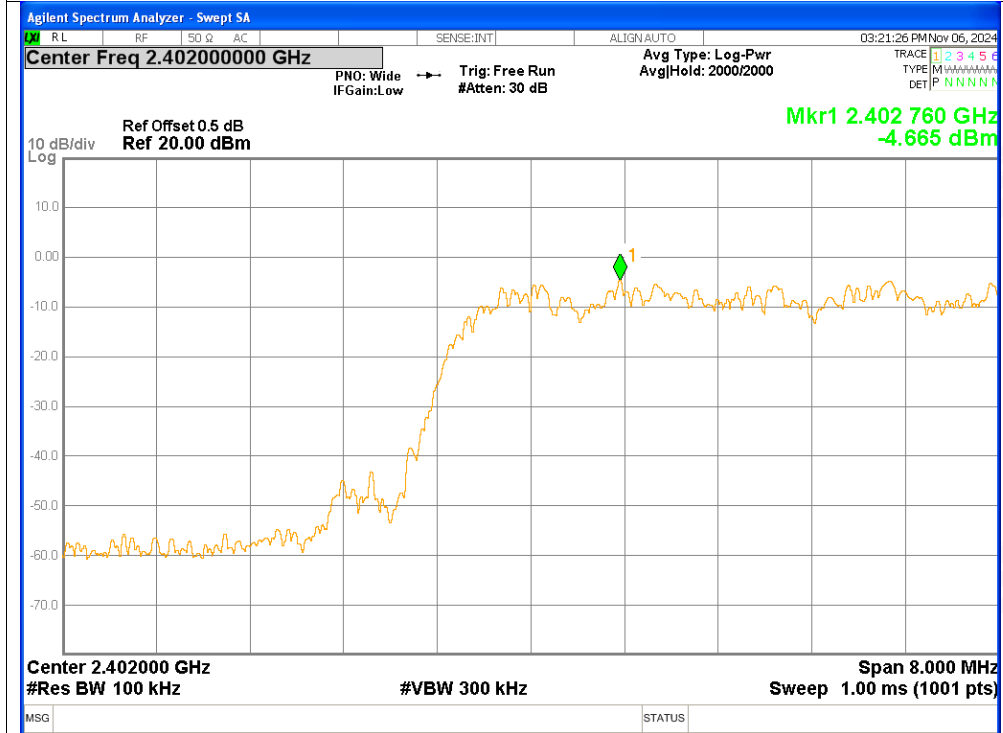


## Band Edge(Hopping) NVNT 2-DH5 2480MHz Hopping Emission

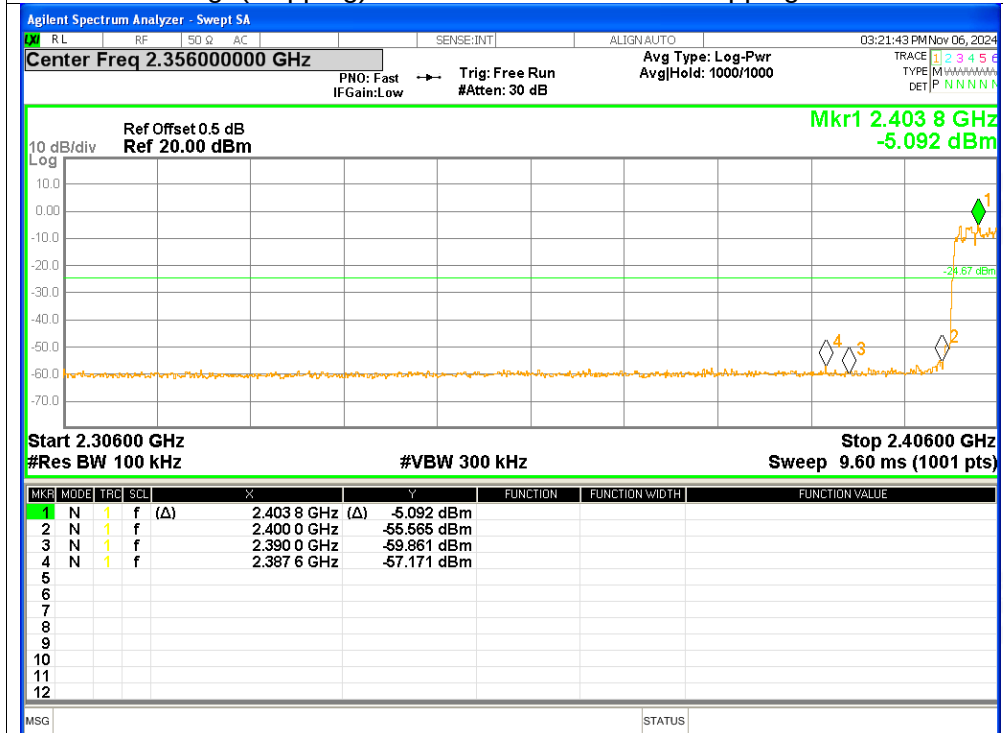




## Band Edge(Hopping) NVNT 3-DH5 2402MHz Hopping Ref



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

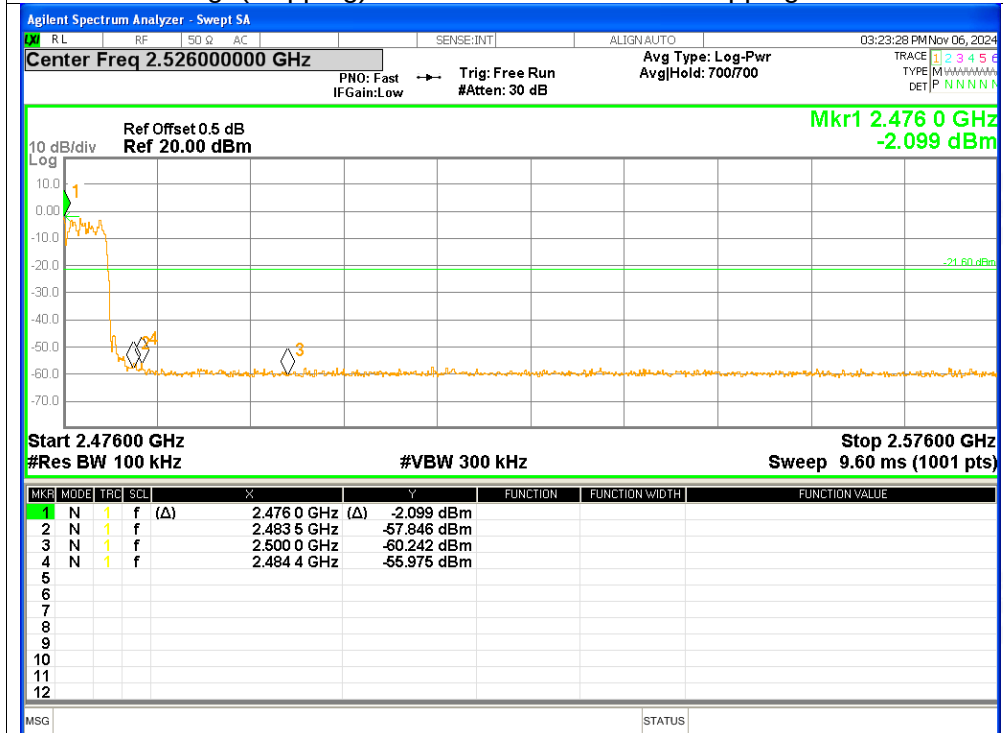




## Band Edge(Hopping) NVNT 3-DH5 2480MHz Hopping Ref



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





## 8. Conducted RF Spurious Emission

| Condition | Mode  | Frequency (MHz) | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | -45.55          | $\leq -20$  | Pass    |
| NVNT      | 1-DH5 | 2441            | -46.64          | $\leq -20$  | Pass    |
| NVNT      | 1-DH5 | 2480            | -47.19          | $\leq -20$  | Pass    |
| NVNT      | 2-DH5 | 2402            | -42.09          | $\leq -20$  | Pass    |
| NVNT      | 2-DH5 | 2441            | -41.41          | $\leq -20$  | Pass    |
| NVNT      | 2-DH5 | 2480            | -41.81          | $\leq -20$  | Pass    |
| NVNT      | 3-DH5 | 2402            | -44.95          | $\leq -20$  | Pass    |
| NVNT      | 3-DH5 | 2441            | -43.89          | $\leq -20$  | Pass    |
| NVNT      | 3-DH5 | 2480            | -45.59          | $\leq -20$  | Pass    |

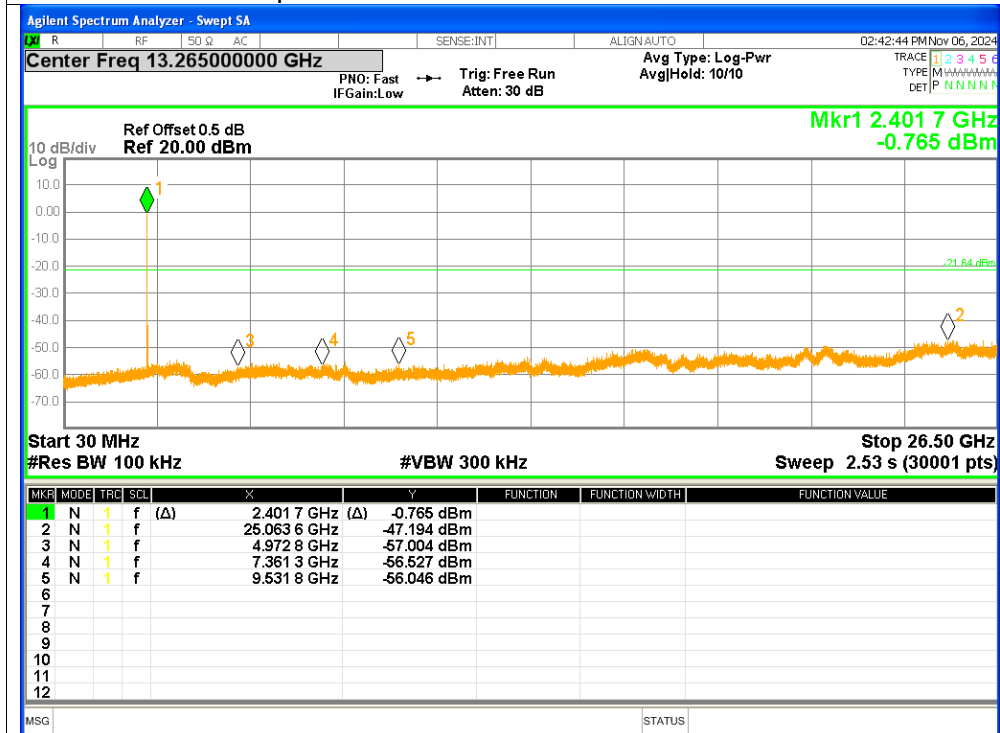


## Test Graphs

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



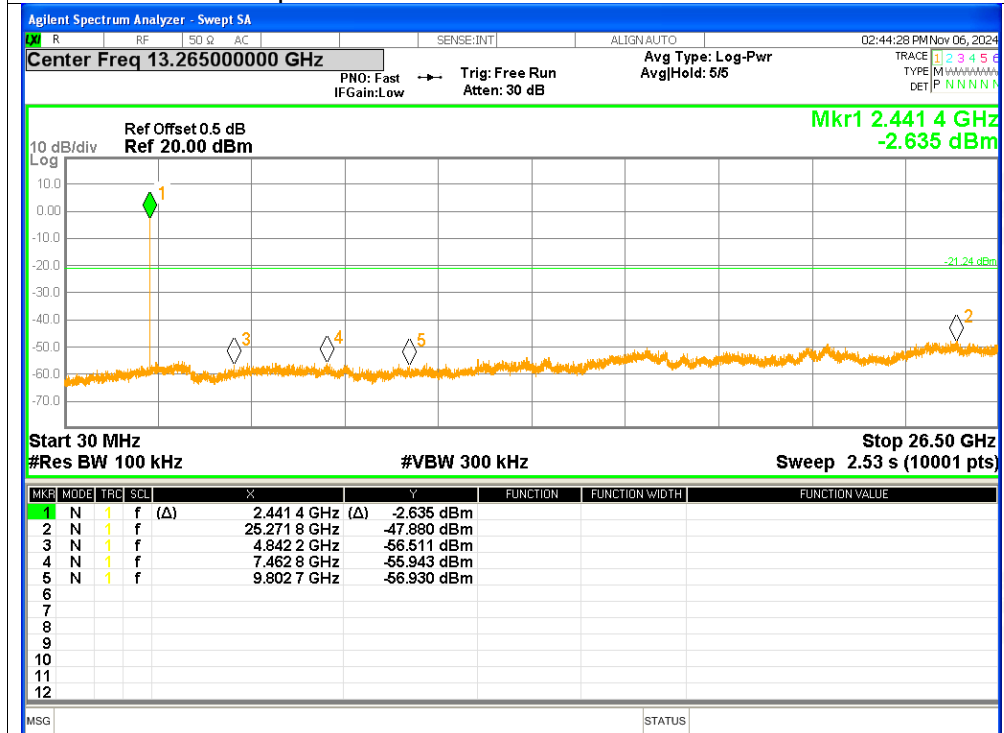
## Tx. Spurious NVNT 1-DH5 2402MHz Emission



## Tx. Spurious NVNT 1-DH5 2441MHz Ref

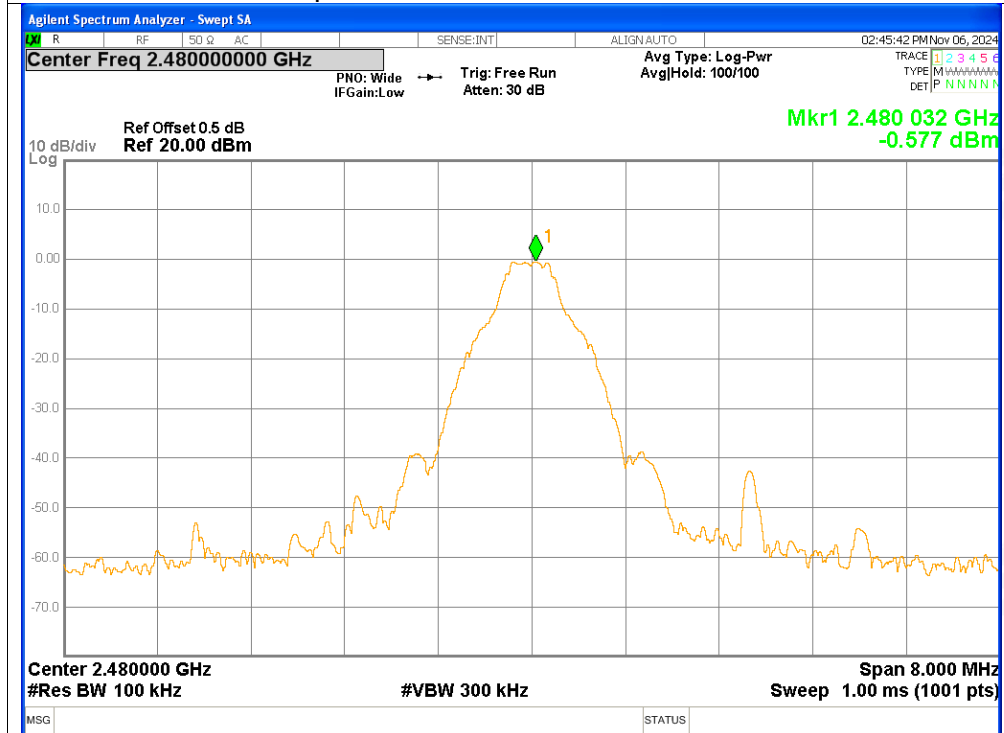


## Tx. Spurious NVNT 1-DH5 2441MHz Emission

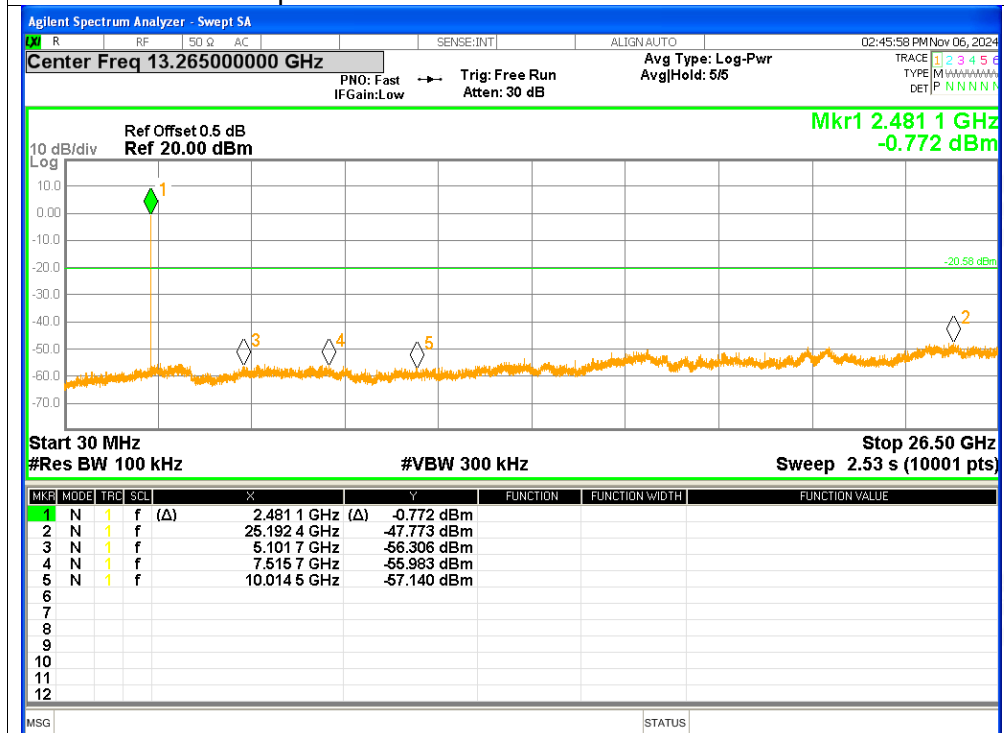




## Tx. Spurious NVNT 1-DH5 2480MHz Ref



## Tx. Spurious NVNT 1-DH5 2480MHz Emission

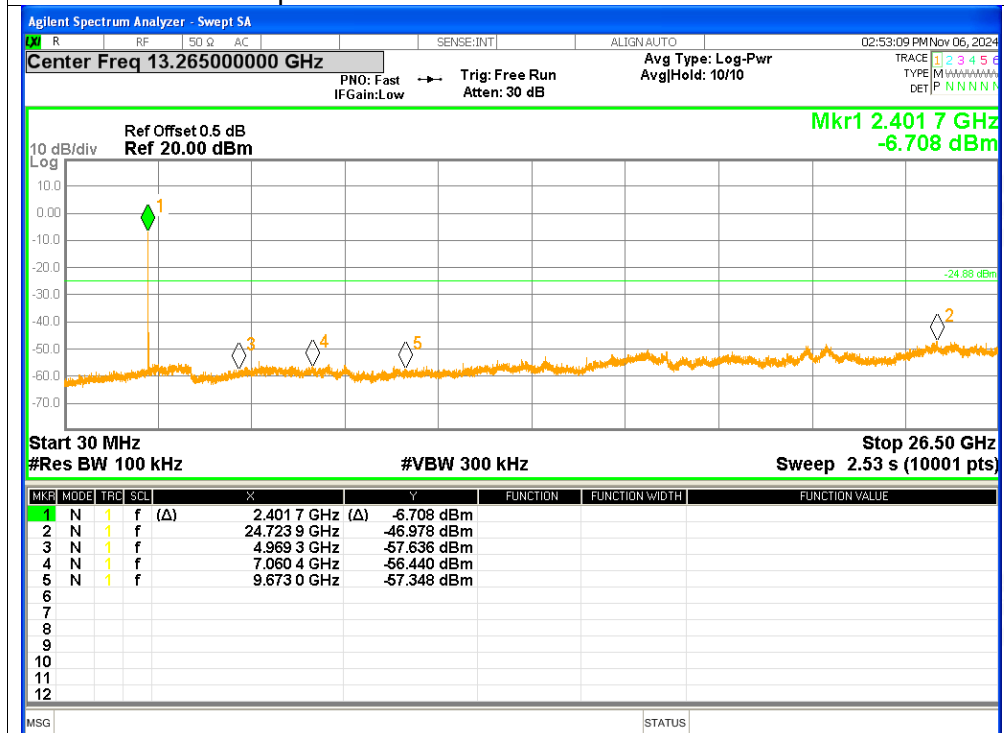




## Tx. Spurious NVNT 2-DH5 2402MHz Ref



## Tx. Spurious NVNT 2-DH5 2402MHz Emission

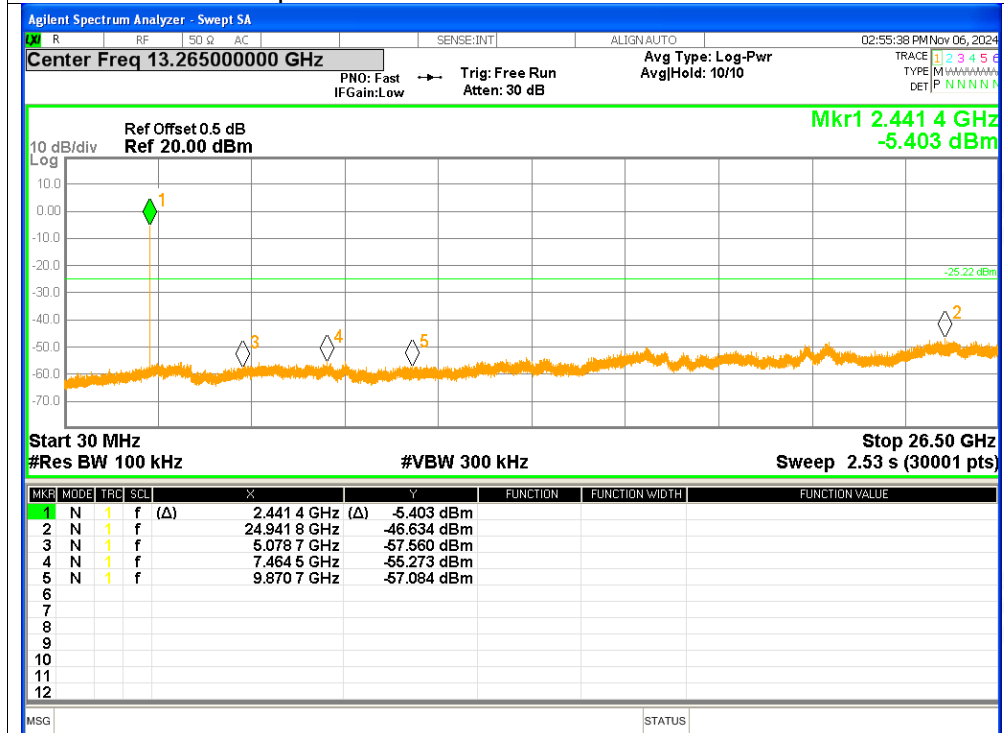




## Tx. Spurious NVNT 2-DH5 2441MHz Ref



## Tx. Spurious NVNT 2-DH5 2441MHz Emission

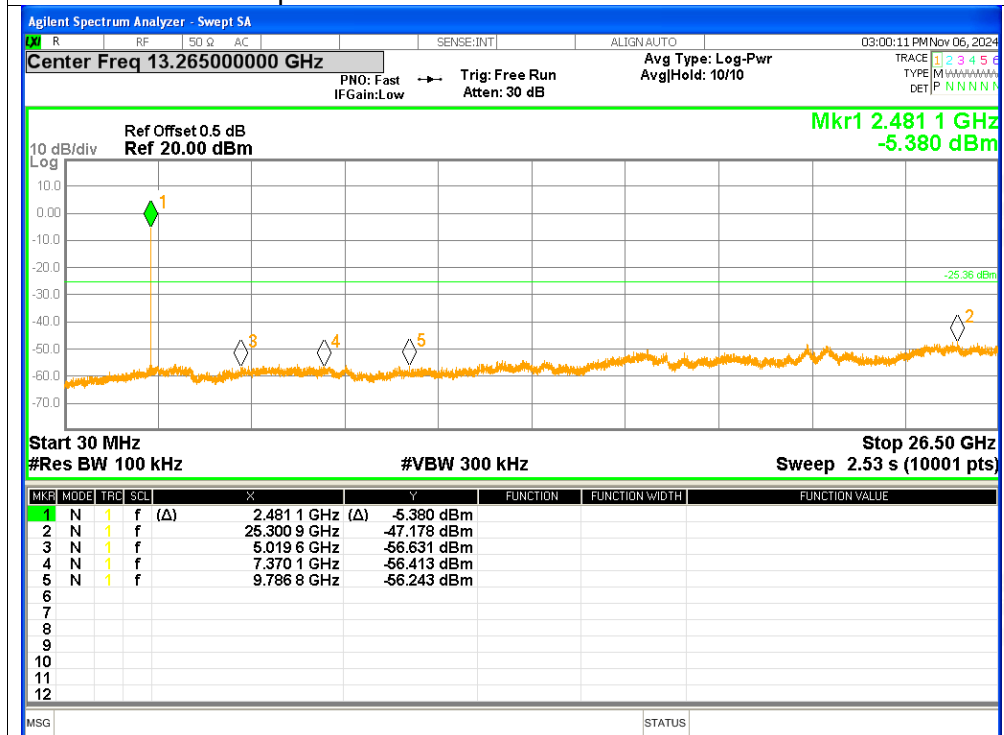




## Tx. Spurious NVNT 2-DH5 2480MHz Ref



## Tx. Spurious NVNT 2-DH5 2480MHz Emission

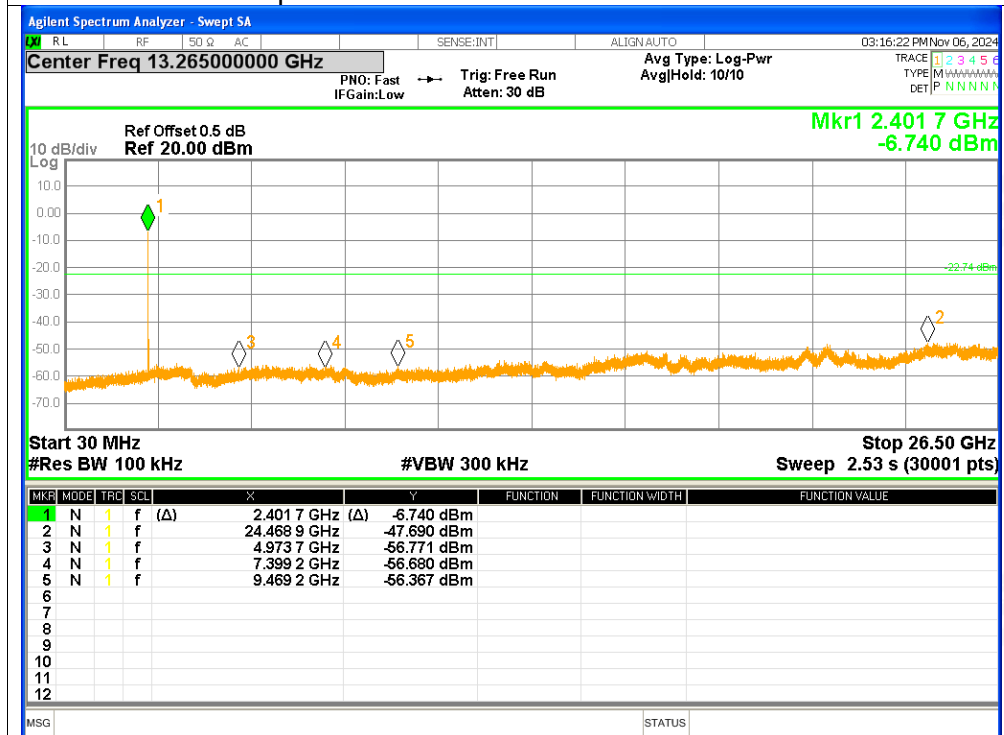




## Tx. Spurious NVNT 3-DH5 2402MHz Ref



## Tx. Spurious NVNT 3-DH5 2402MHz Emission

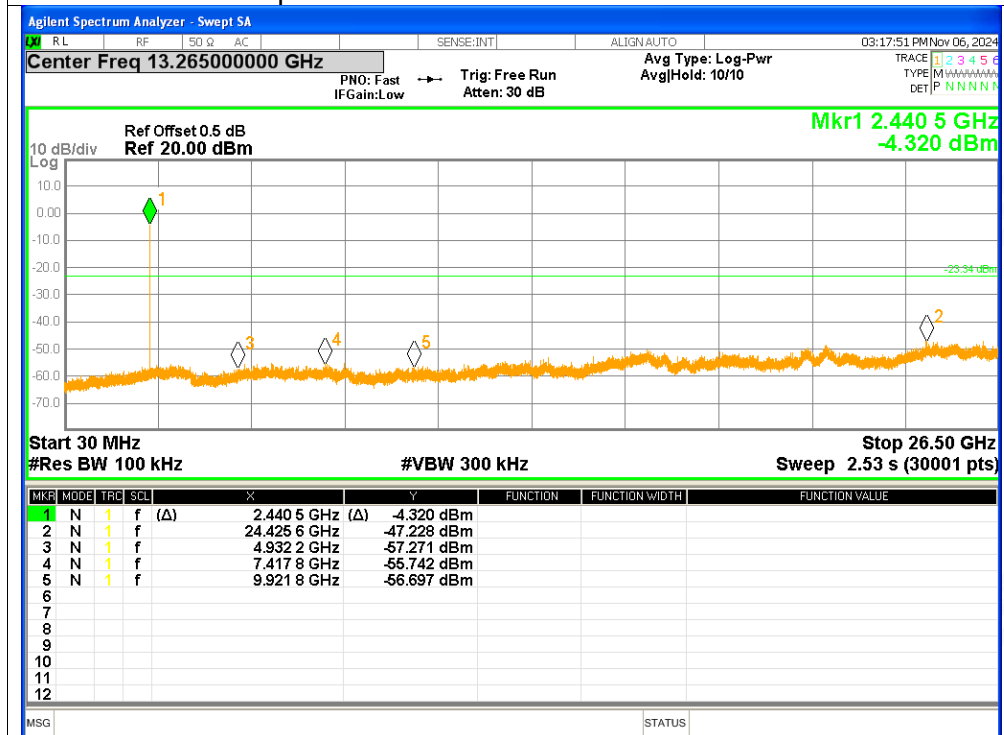




## Tx. Spurious NVNT 3-DH5 2441MHz Ref



## Tx. Spurious NVNT 3-DH5 2441MHz Emission

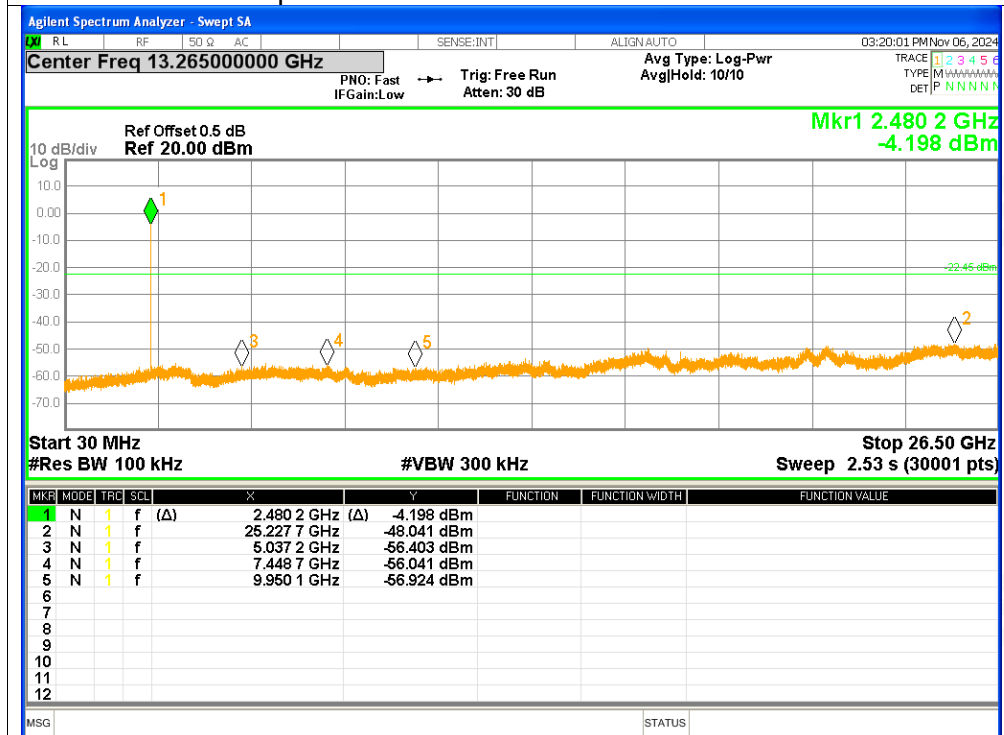




## Tx. Spurious NVNT 3-DH5 2480MHz Ref



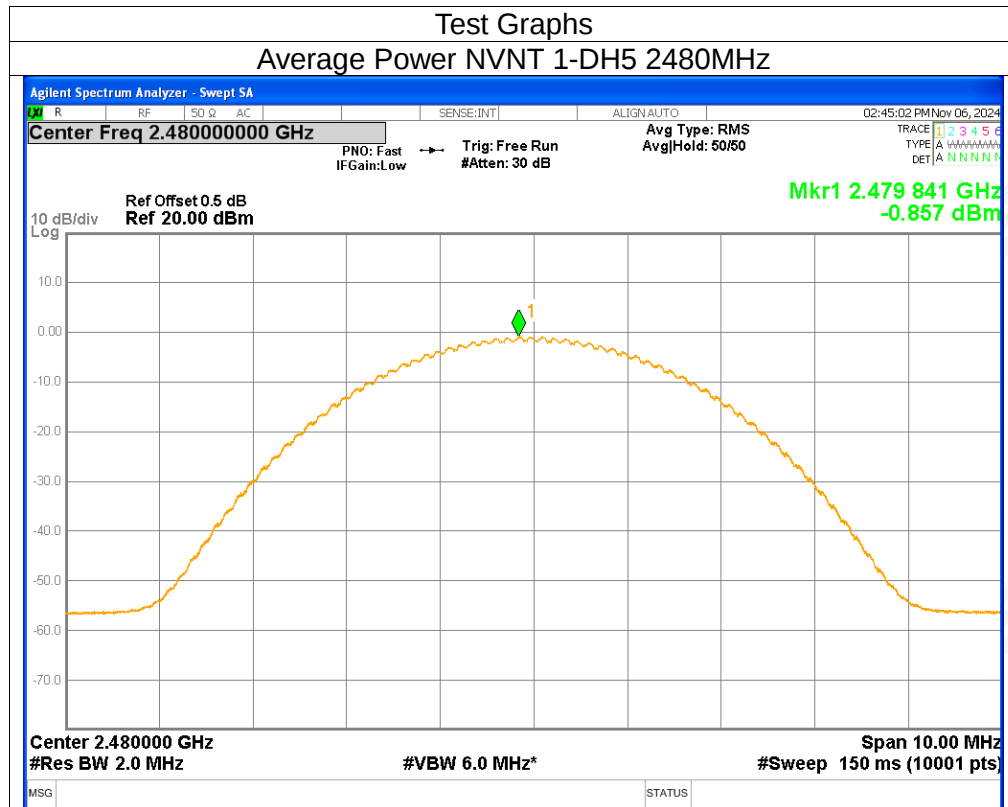
## Tx. Spurious NVNT 3-DH5 2480MHz Emission





## 9. Maximum Average Conducted Output Power

| Condition | Mode  | Frequency (MHz) | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm)  | Verdict |
|-----------|-------|-----------------|-----------------------|------------------|-------------------|--------------|---------|
| NVNT      | 1-DH5 | 2480            | -0.86                 | 0                | -0.86             | $\leq 20.97$ | Pass    |





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