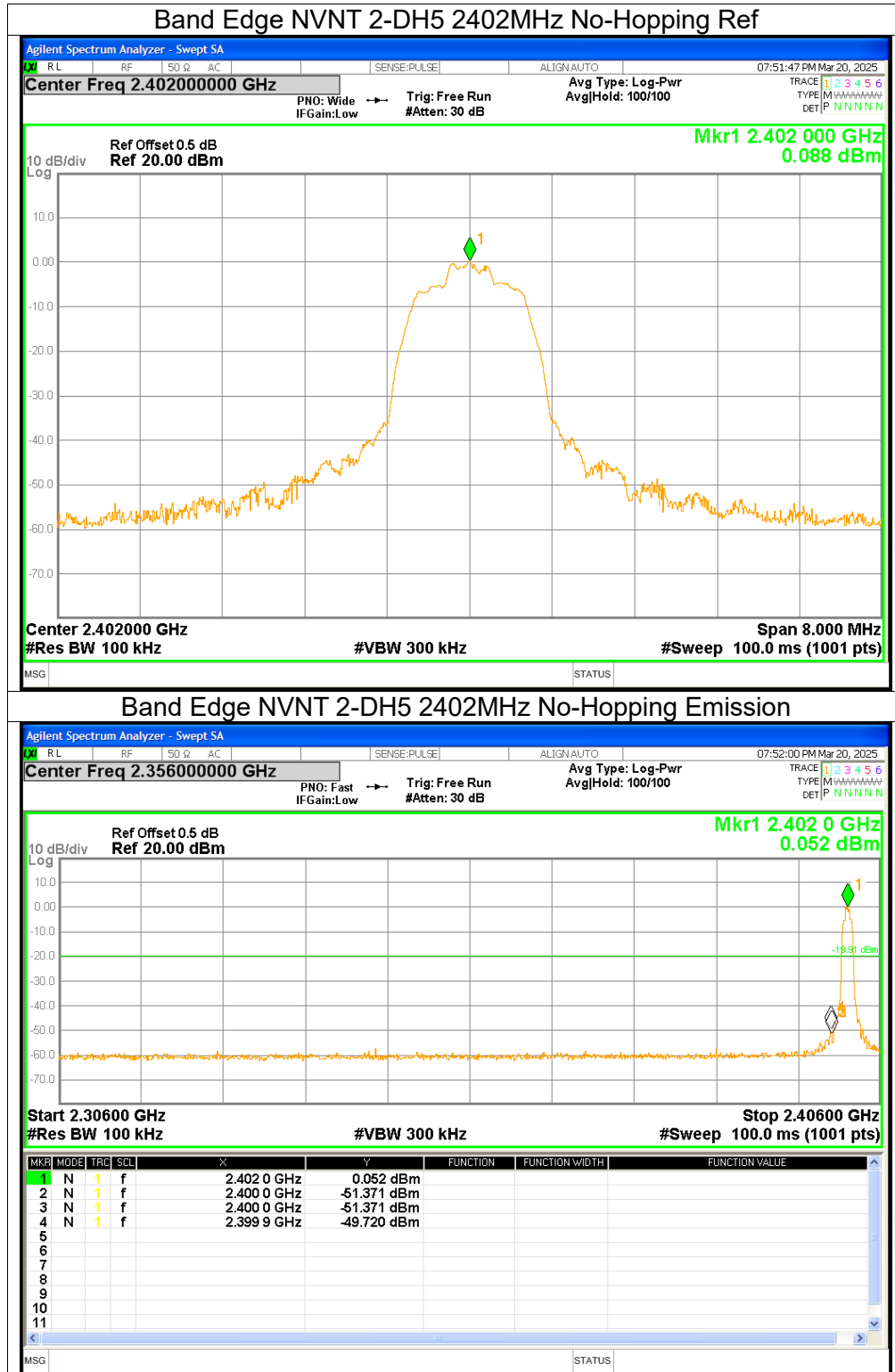
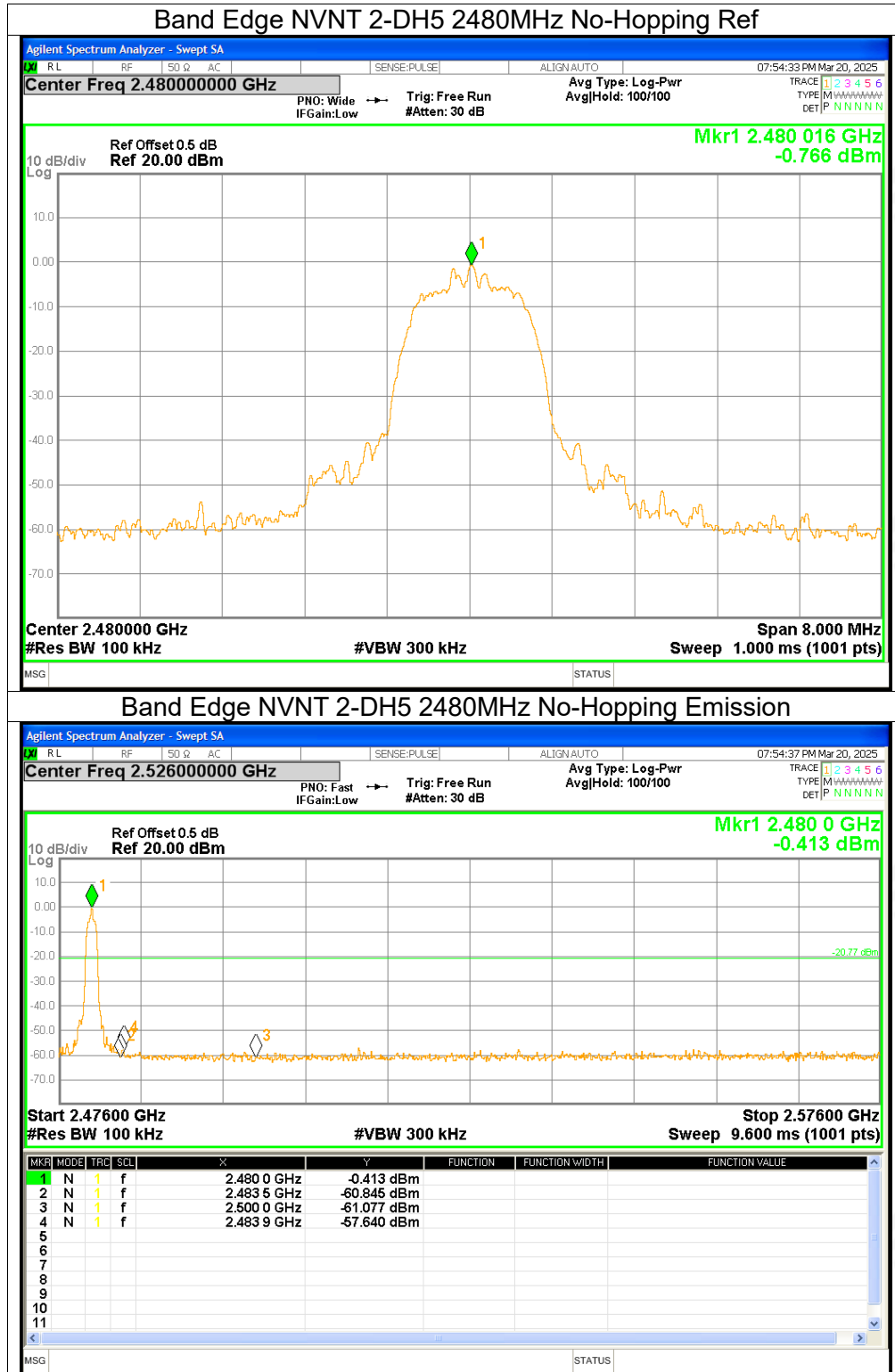
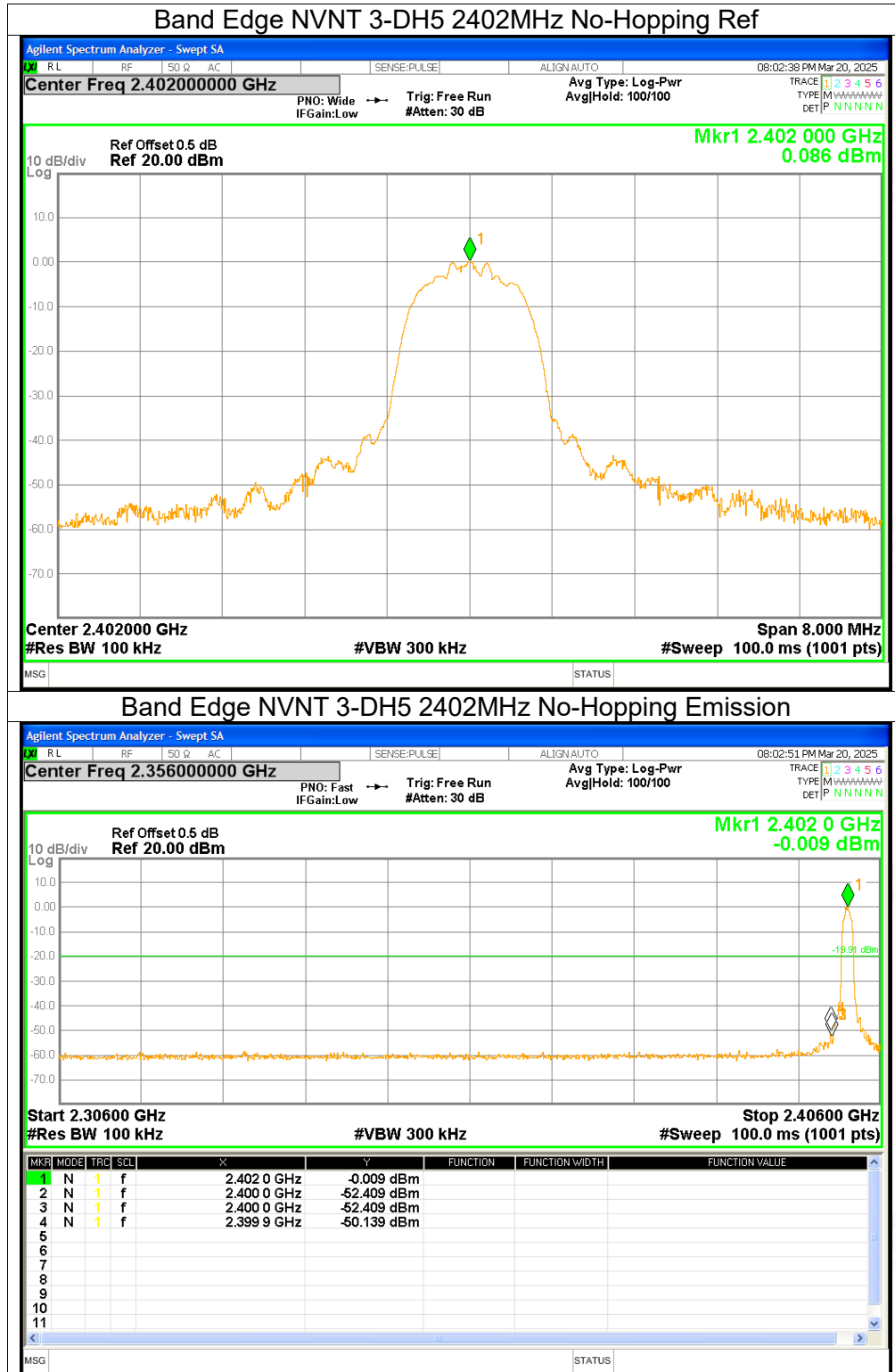
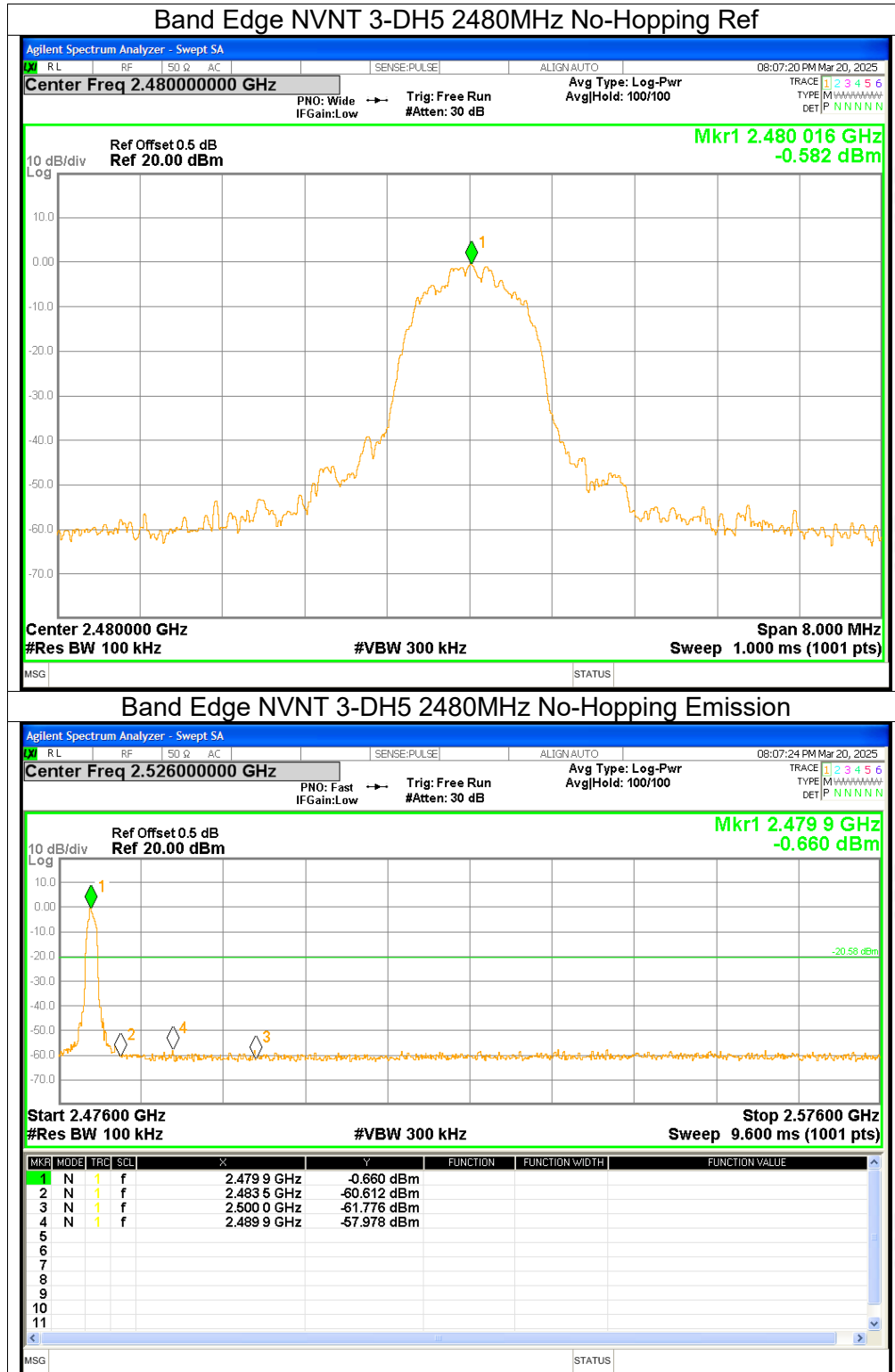






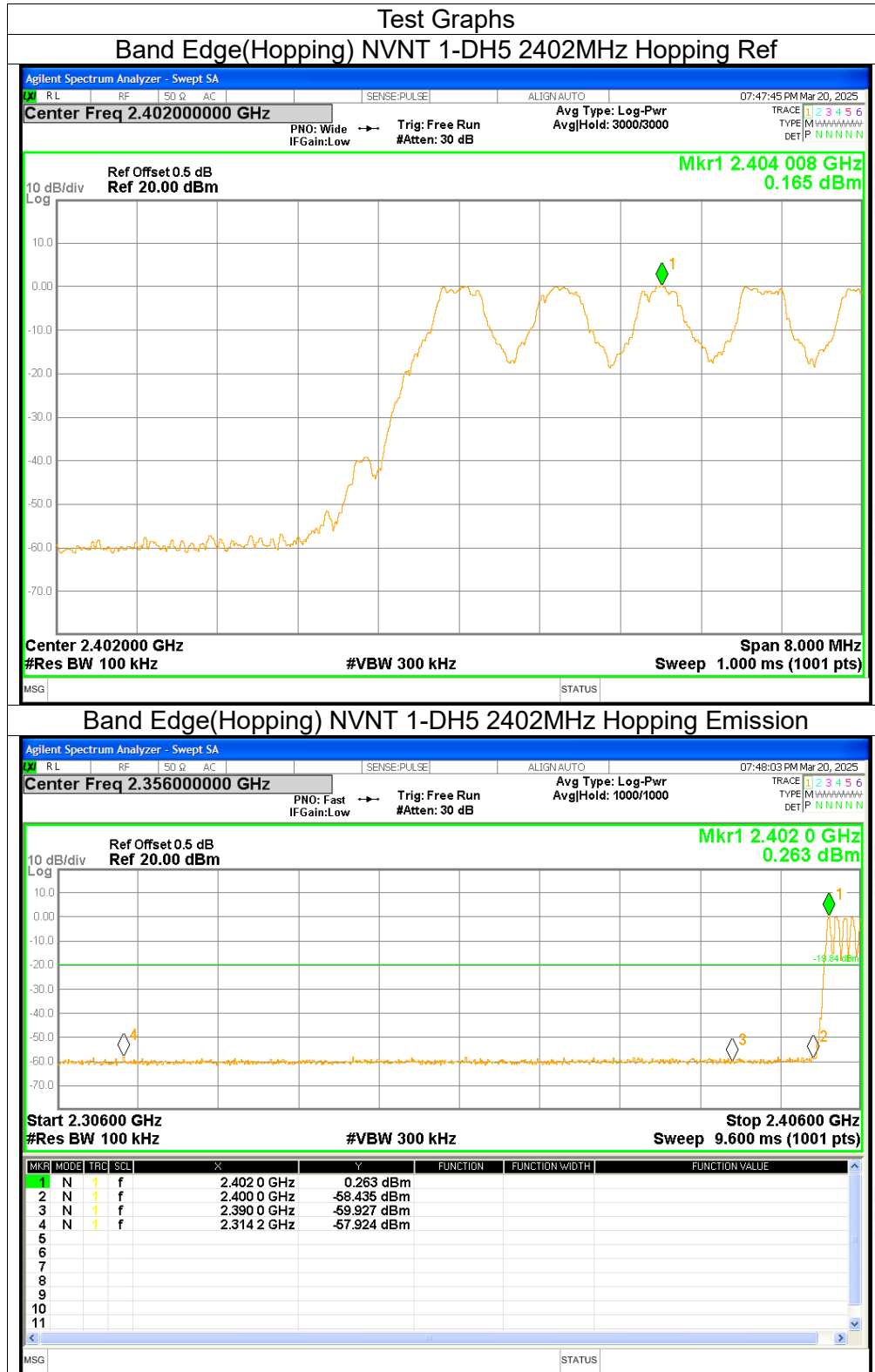


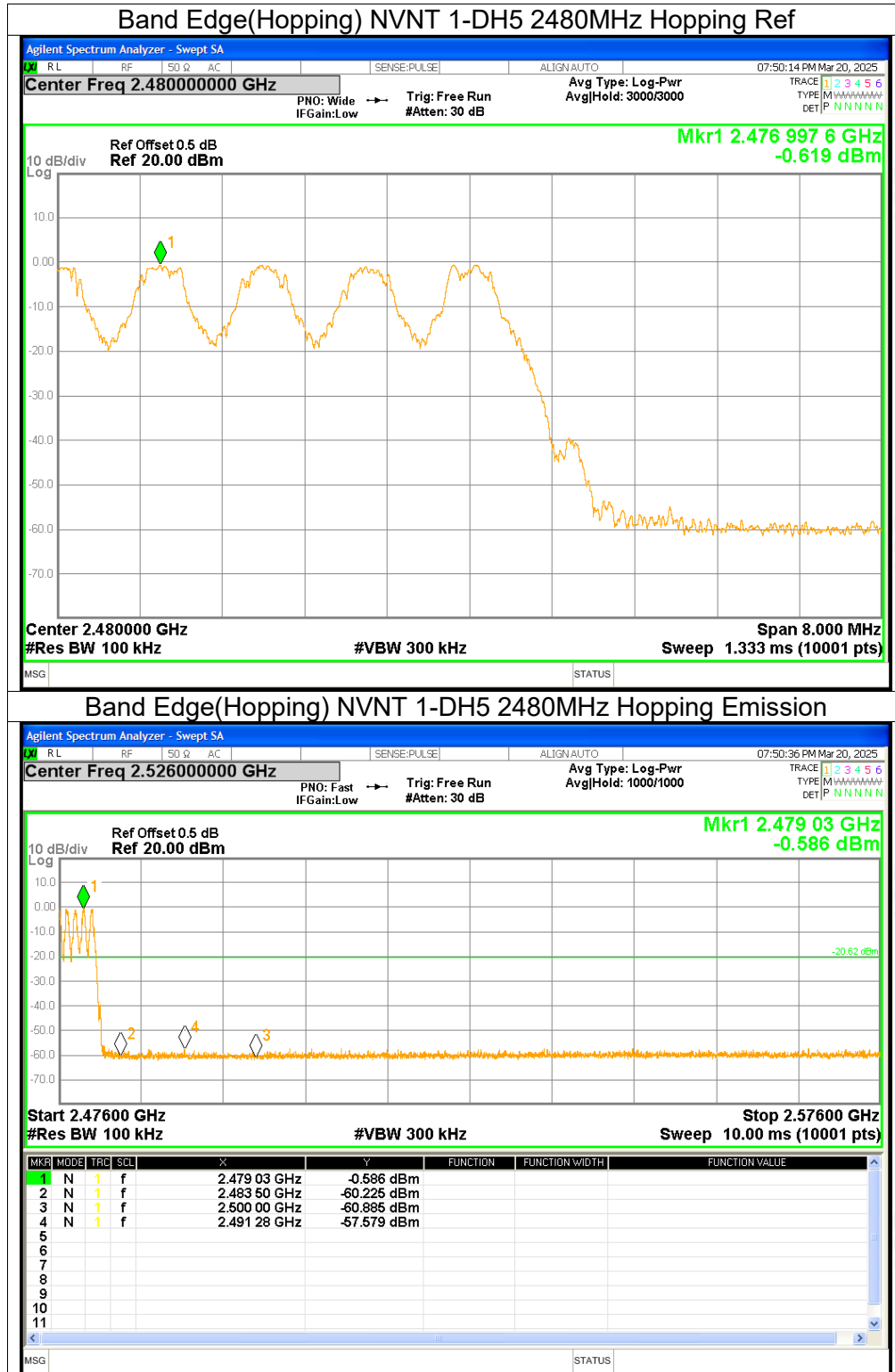


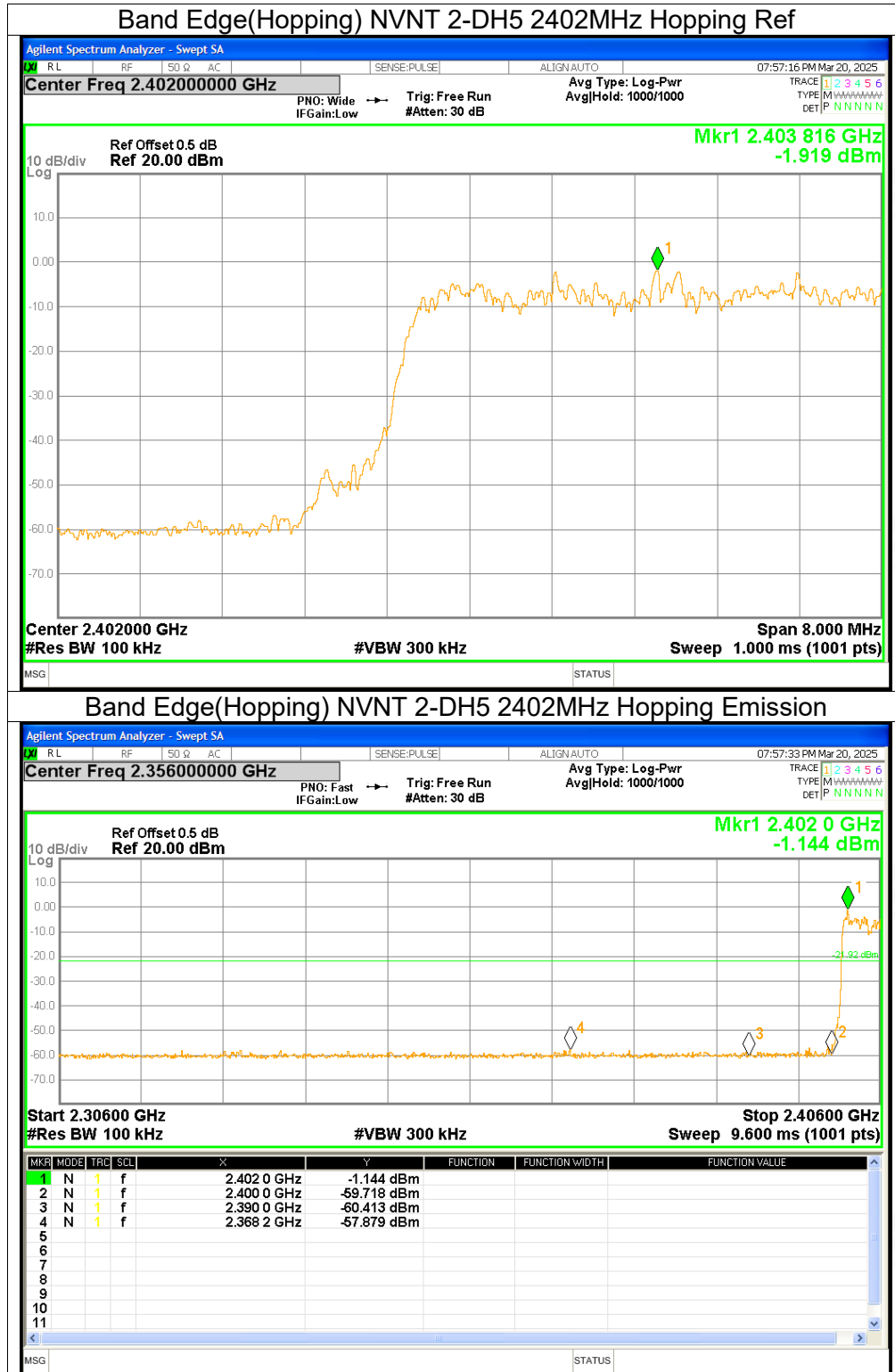


## 7. Band Edge(Hopping)

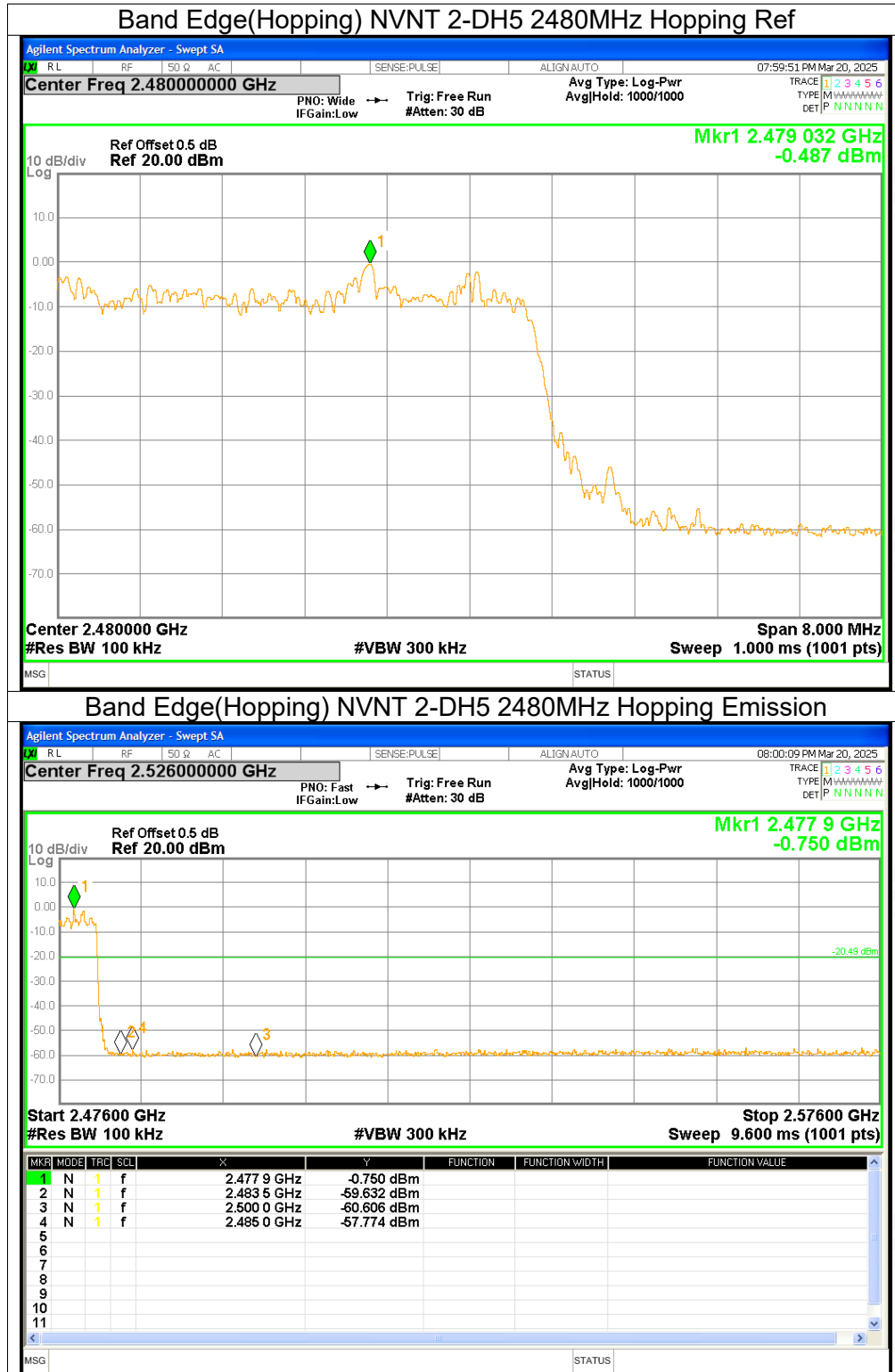
| Condition | Mode  | Frequency (MHz) | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Hopping      | -58.09          | $\leq -20$  | Pass    |
| NVNT      | 1-DH5 | 2480            | Hopping      | -56.95          | $\leq -20$  | Pass    |
| NVNT      | 2-DH5 | 2402            | Hopping      | -55.95          | $\leq -20$  | Pass    |
| NVNT      | 2-DH5 | 2480            | Hopping      | -57.28          | $\leq -20$  | Pass    |
| NVNT      | 3-DH5 | 2402            | Hopping      | -64.93          | $\leq -20$  | Pass    |
| NVNT      | 3-DH5 | 2480            | Hopping      | -57.23          | $\leq -20$  | Pass    |

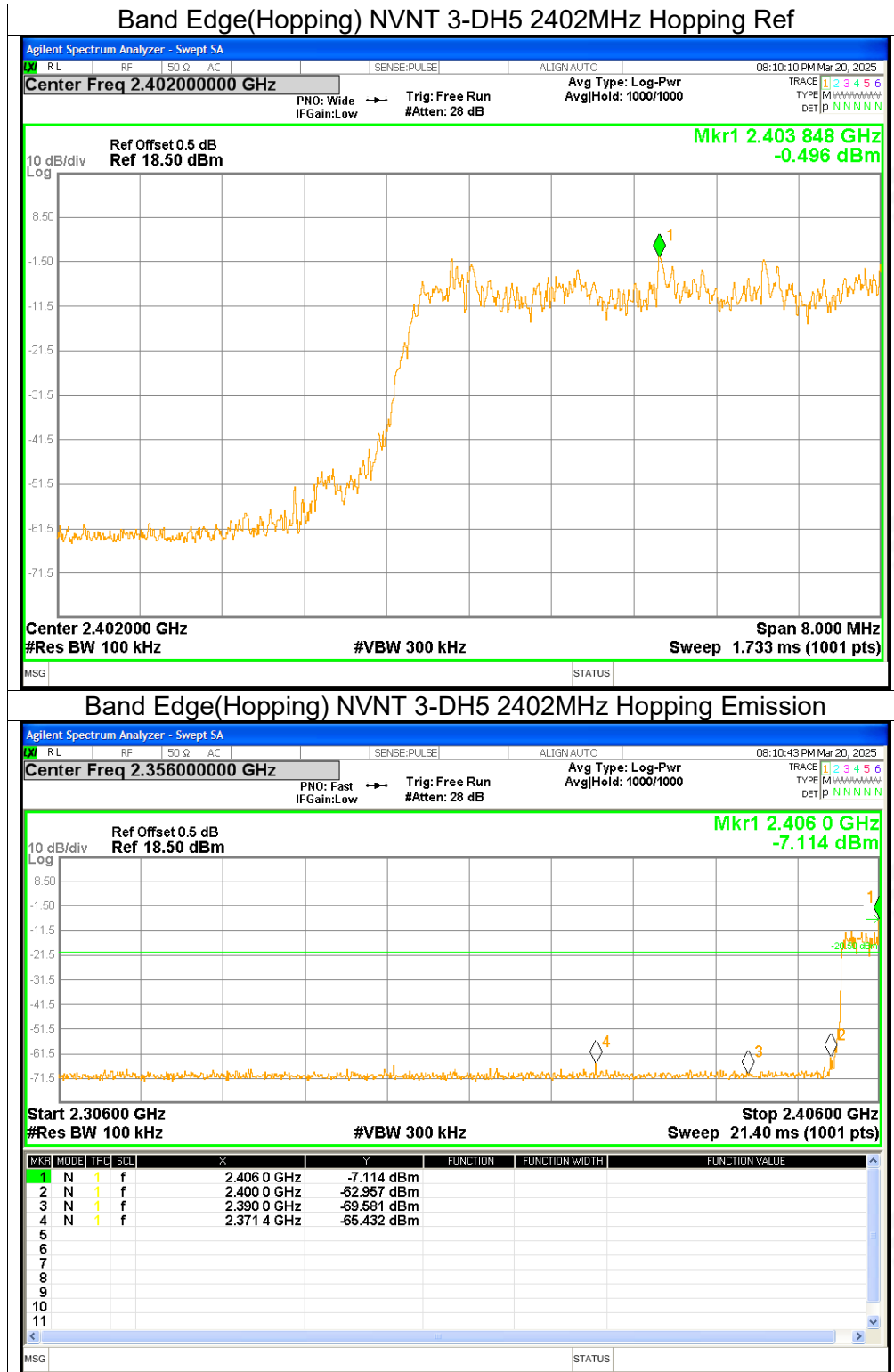


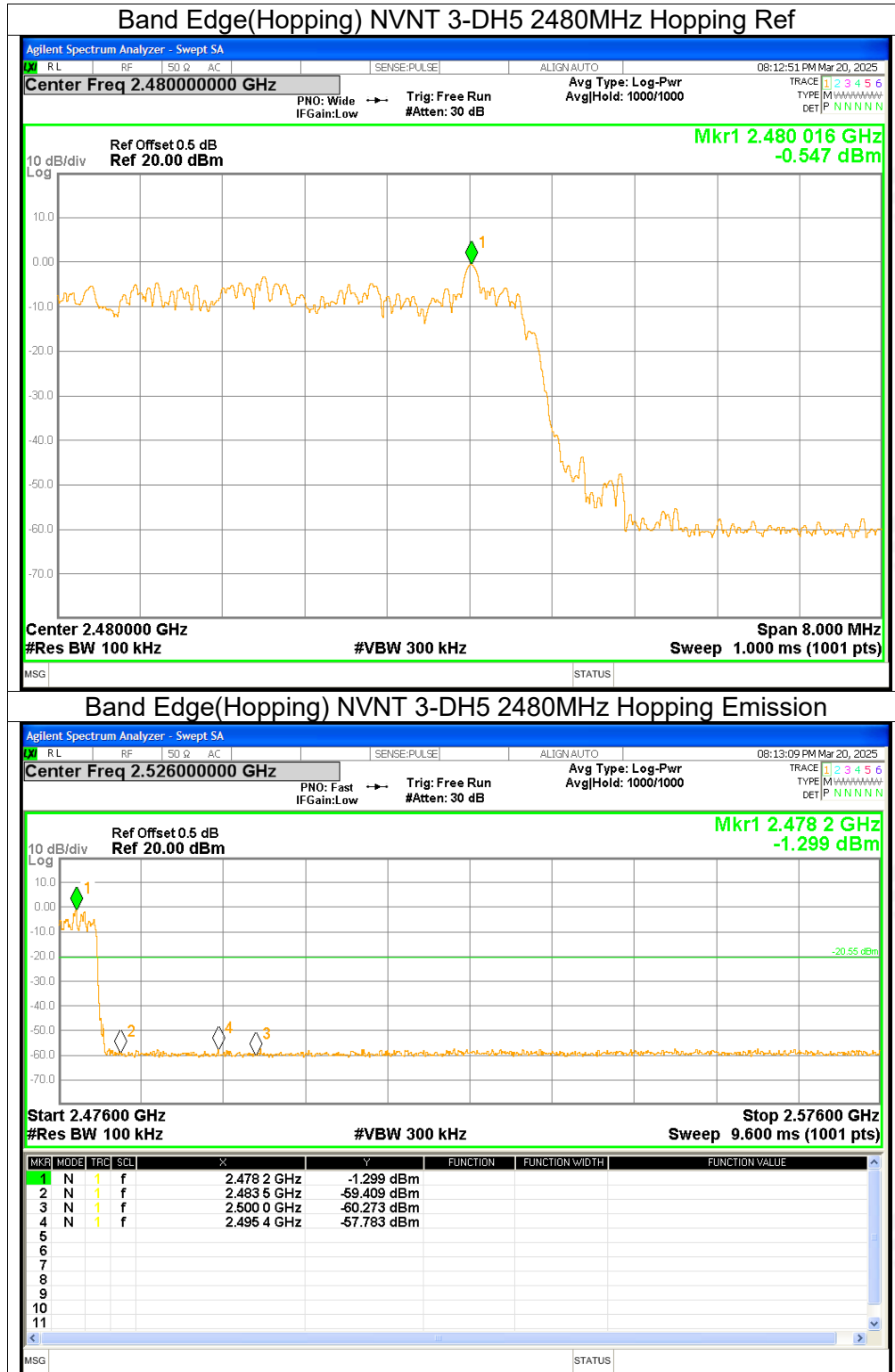








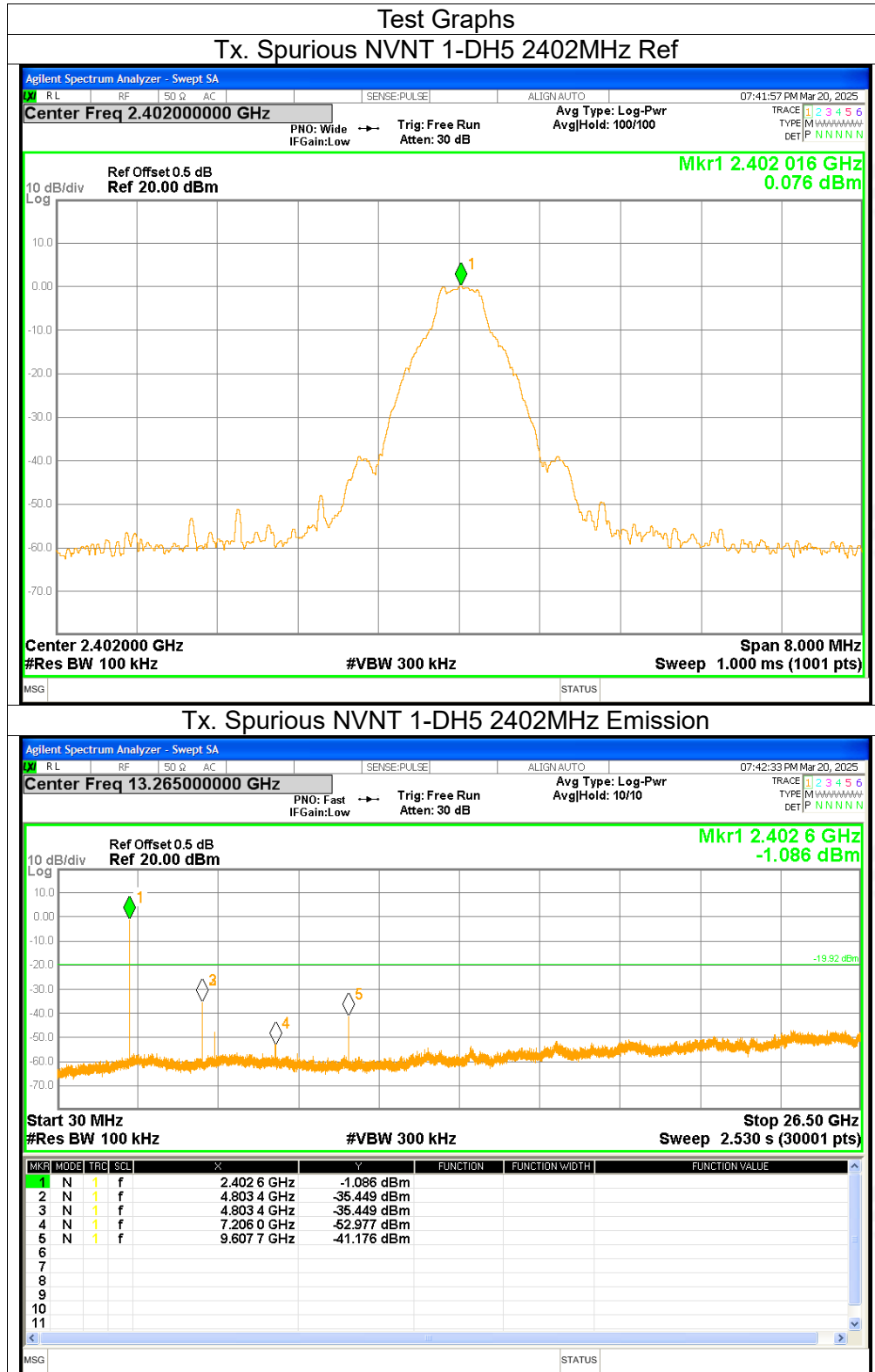






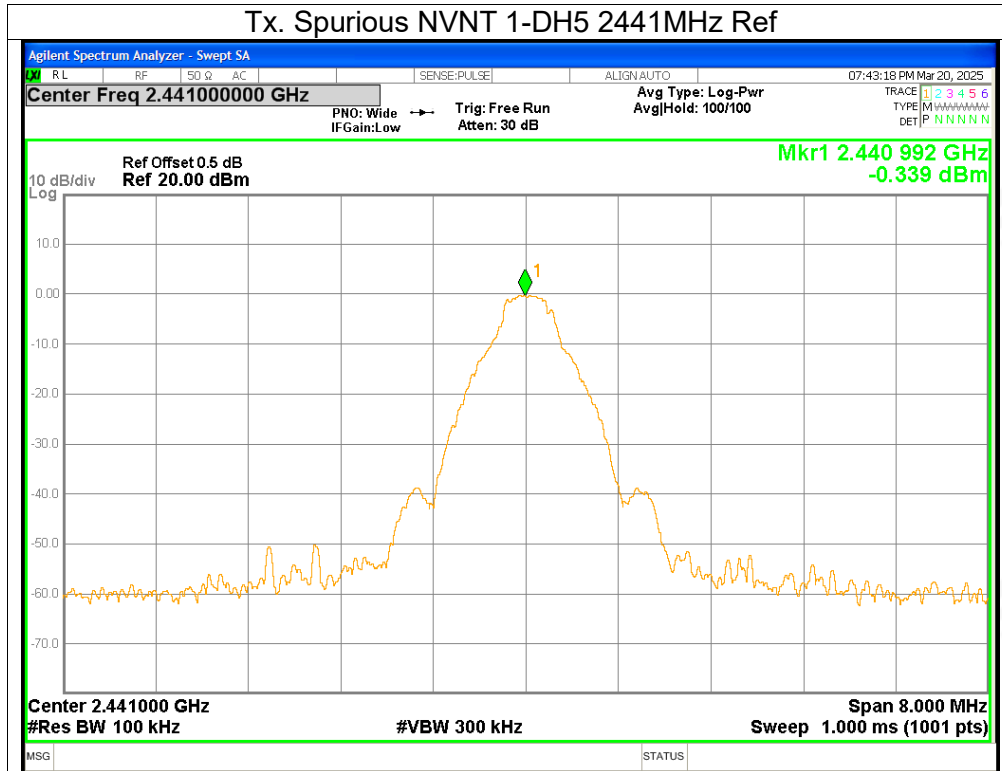
## 8. Conducted RF Spurious Emission

| Condition | Mode  | Frequency (MHz) | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | -35.52          | <=-20       | Pass    |
| NVNT      | 1-DH5 | 2441            | -33.21          | <=-20       | Pass    |
| NVNT      | 1-DH5 | 2480            | -33.72          | <=-20       | Pass    |
| NVNT      | 2-DH5 | 2402            | -38.82          | <=-20       | Pass    |
| NVNT      | 2-DH5 | 2441            | -38.53          | <=-20       | Pass    |
| NVNT      | 2-DH5 | 2480            | -37.75          | <=-20       | Pass    |
| NVNT      | 3-DH5 | 2402            | -34.51          | <=-20       | Pass    |
| NVNT      | 3-DH5 | 2441            | -32.29          | <=-20       | Pass    |
| NVNT      | 3-DH5 | 2480            | -32.37          | <=-20       | Pass    |

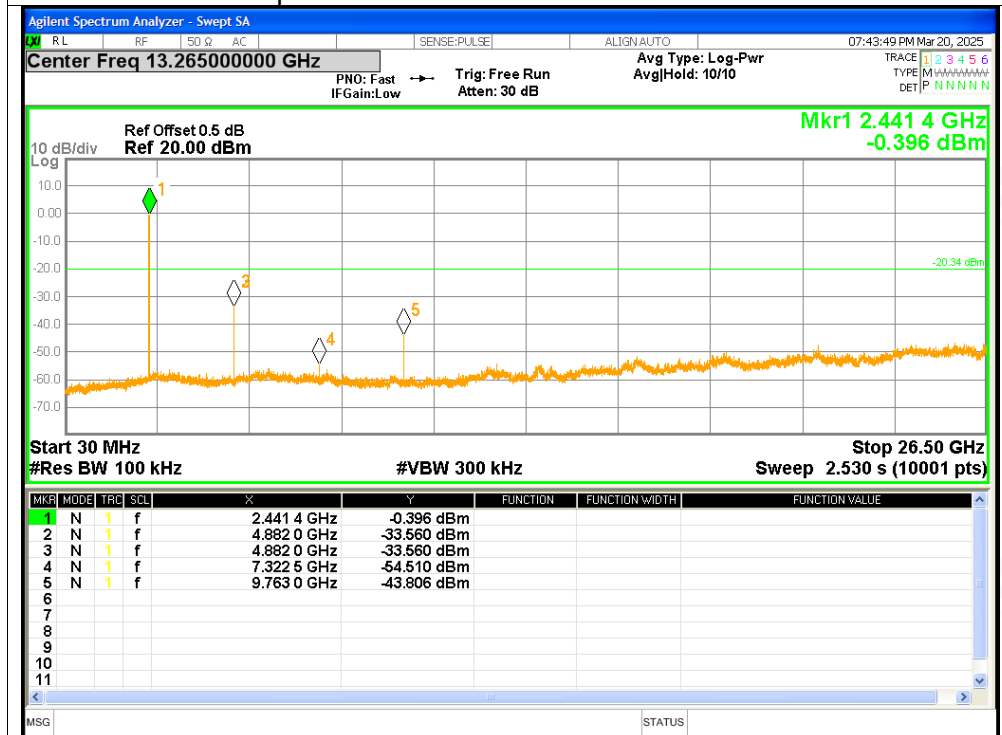




## Tx. Spurious NVNT 1-DH5 2441MHz Ref

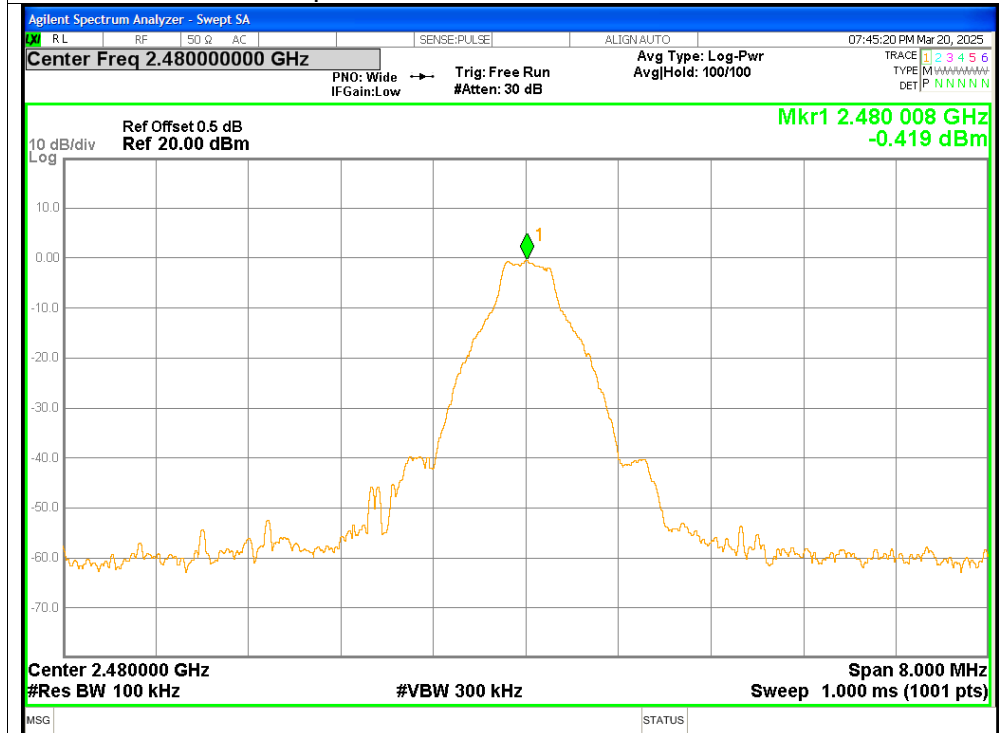


## Tx. Spurious NVNT 1-DH5 2441MHz Emission

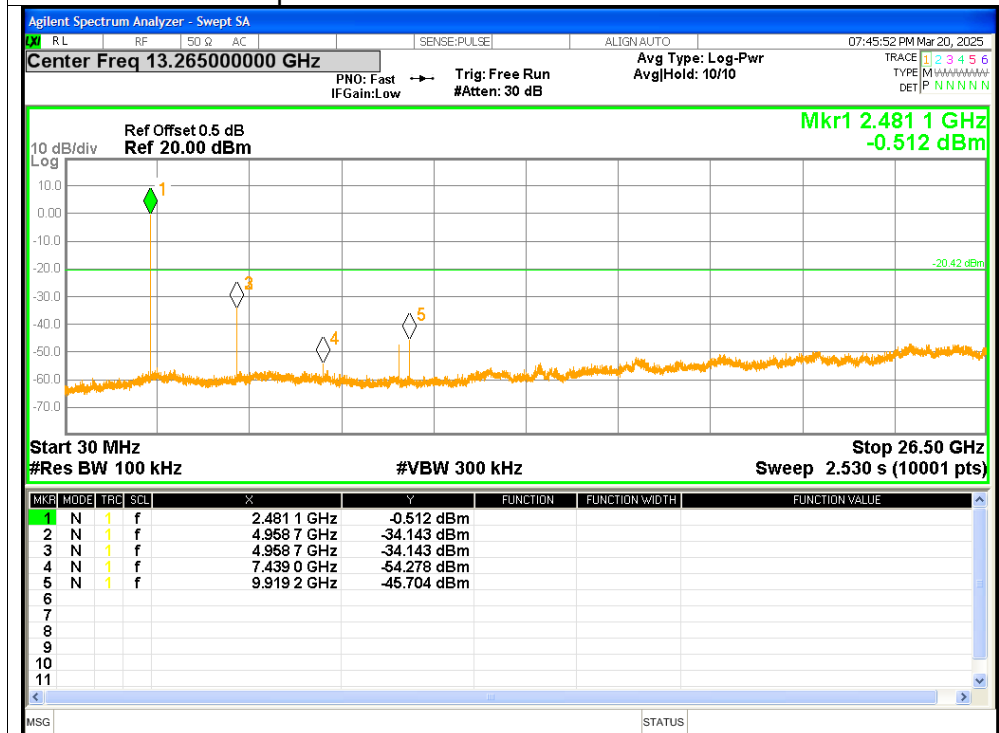




## Tx. Spurious NVNT 1-DH5 2480MHz Ref

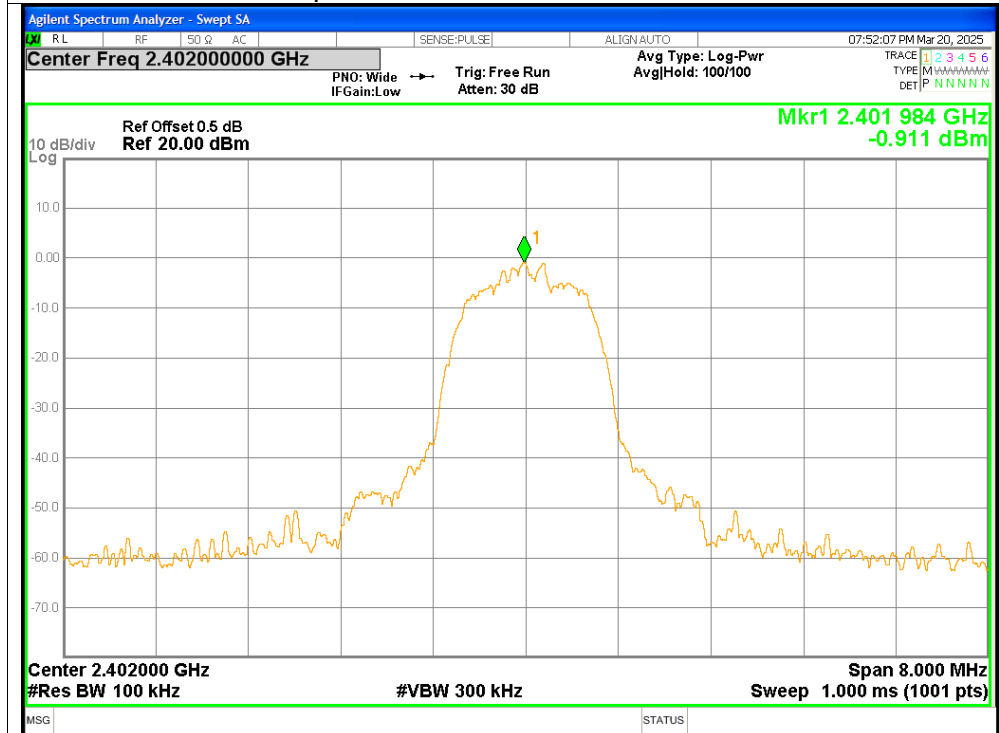


## Tx. Spurious NVNT 1-DH5 2480MHz Emission

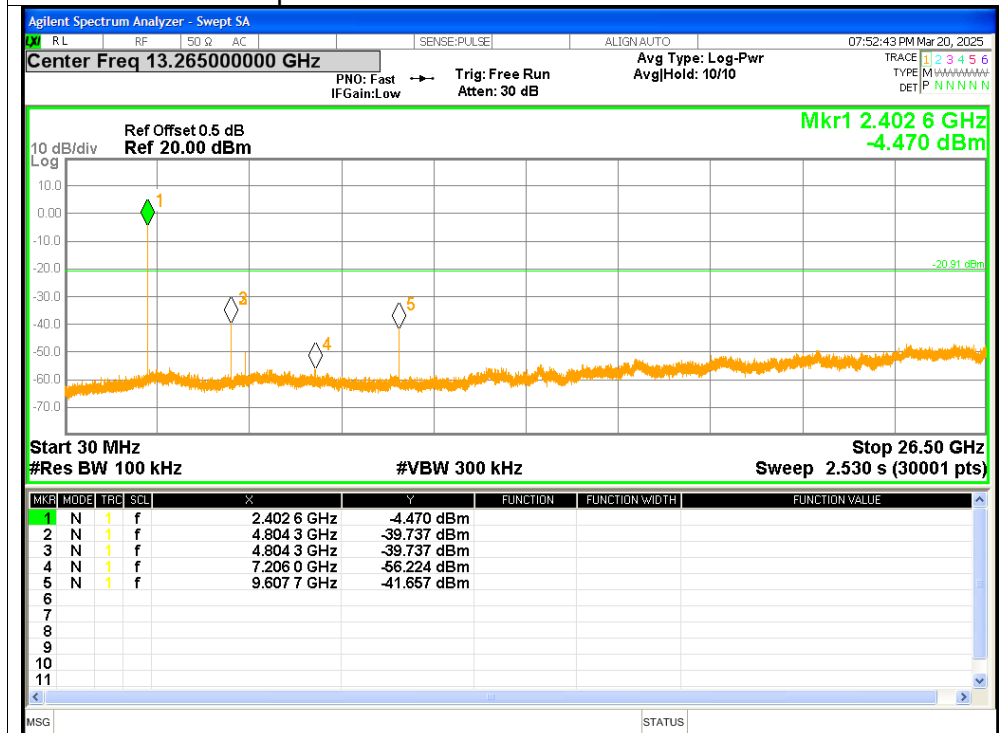




## Tx. Spurious NVNT 2-DH5 2402MHz Ref



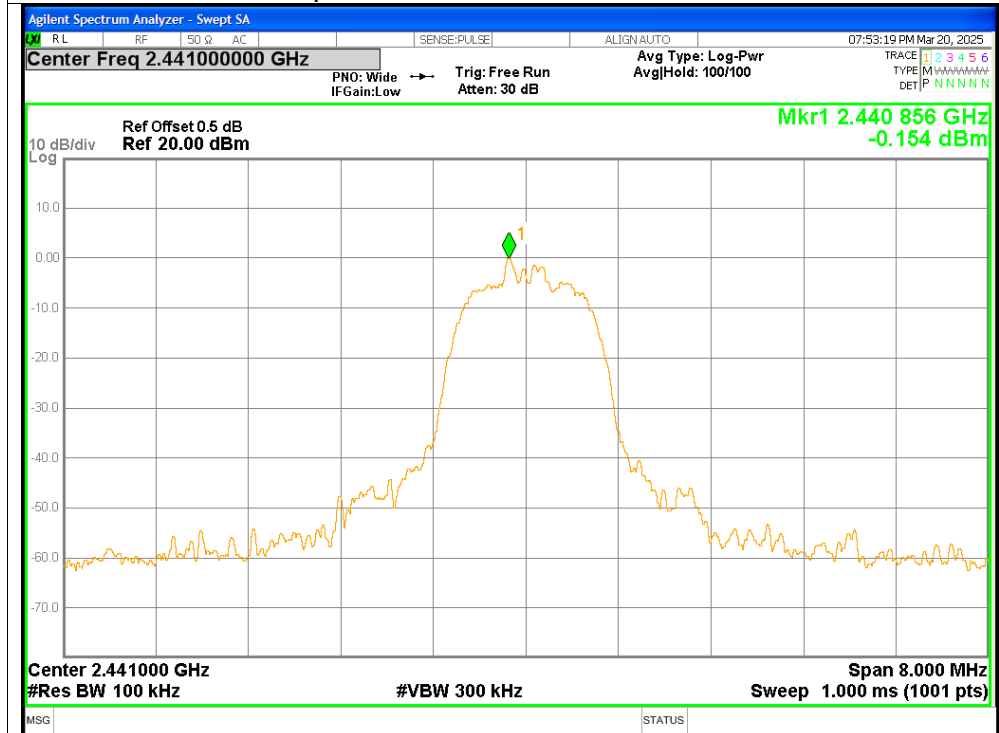
## Tx. Spurious NVNT 2-DH5 2402MHz Emission



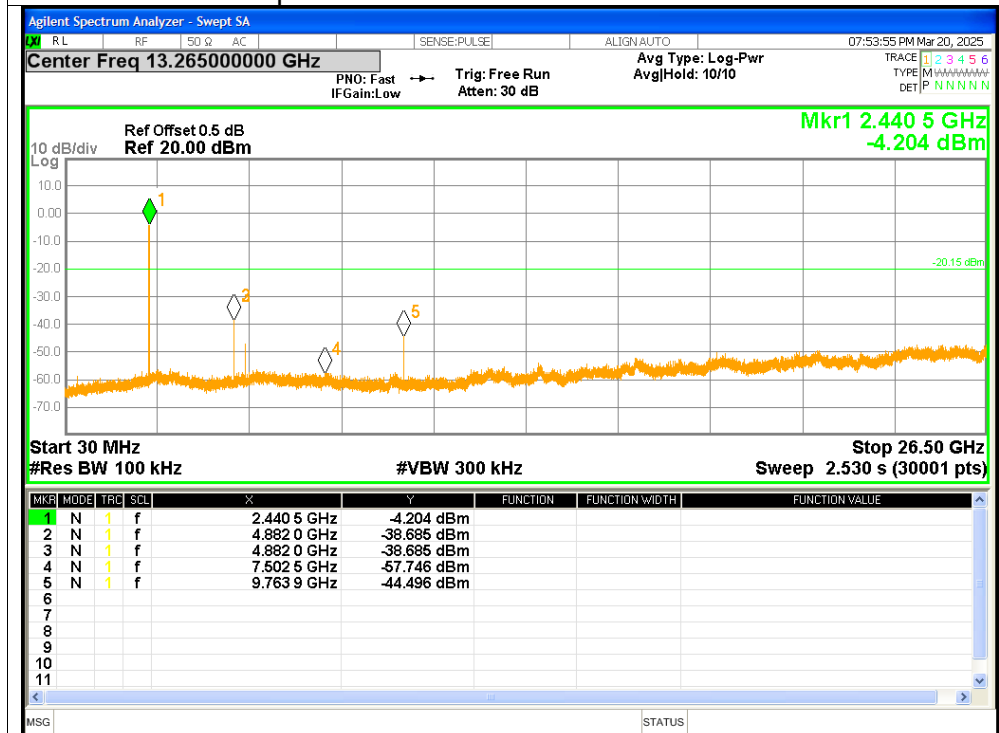




## Tx. Spurious NVNT 2-DH5 2441MHz Ref

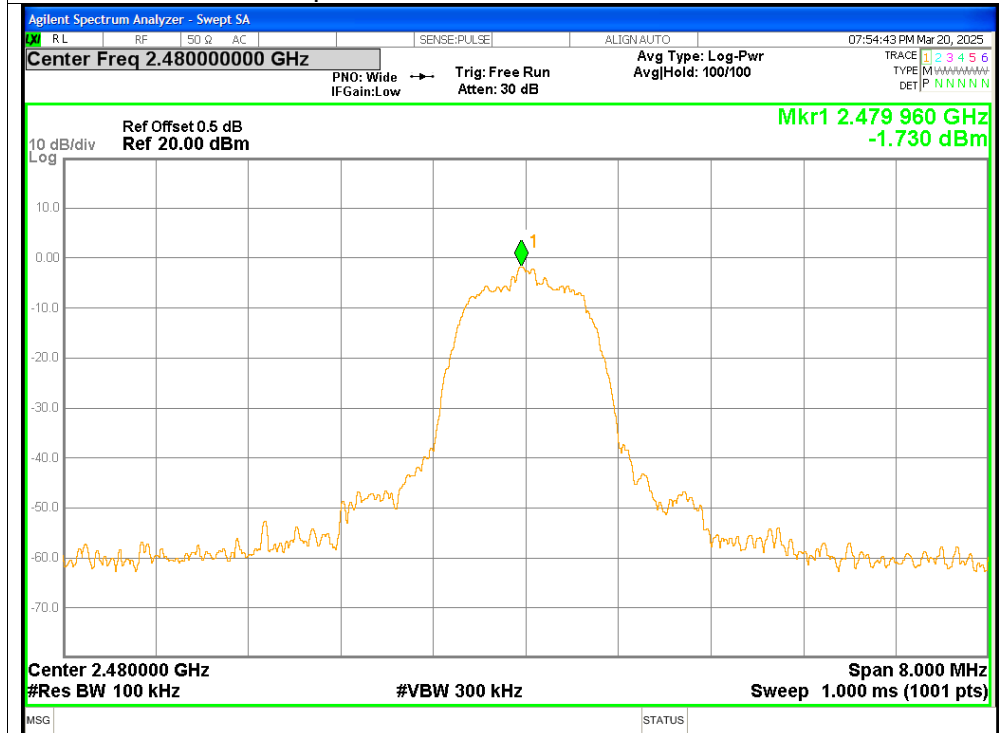


## Tx. Spurious NVNT 2-DH5 2441MHz Emission

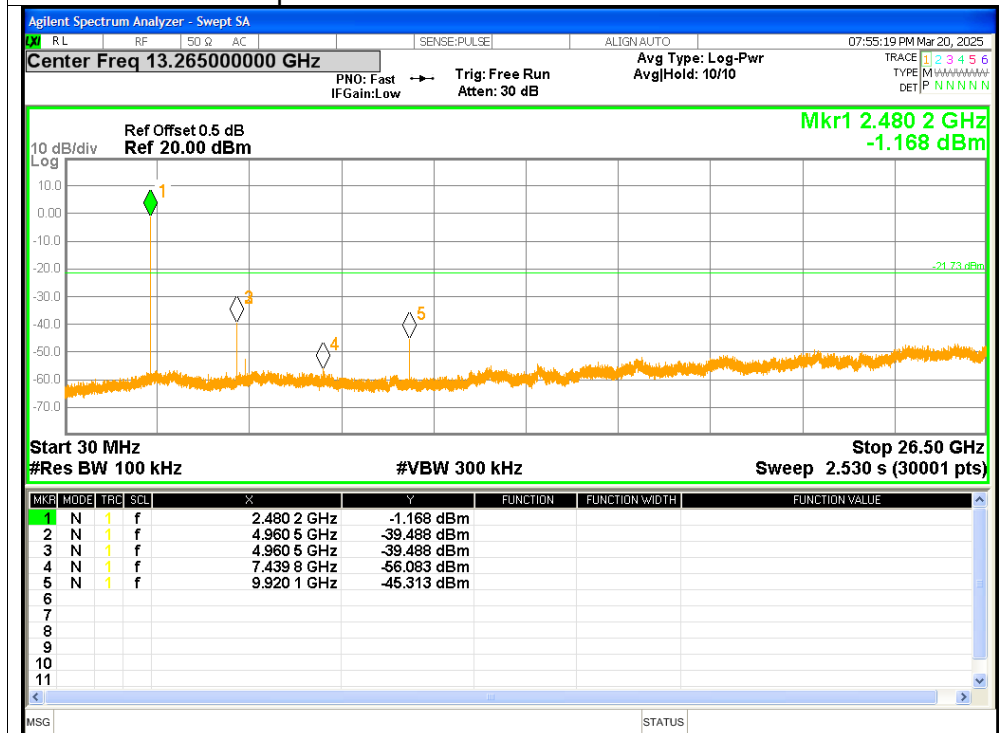




## Tx. Spurious NVNT 2-DH5 2480MHz Ref

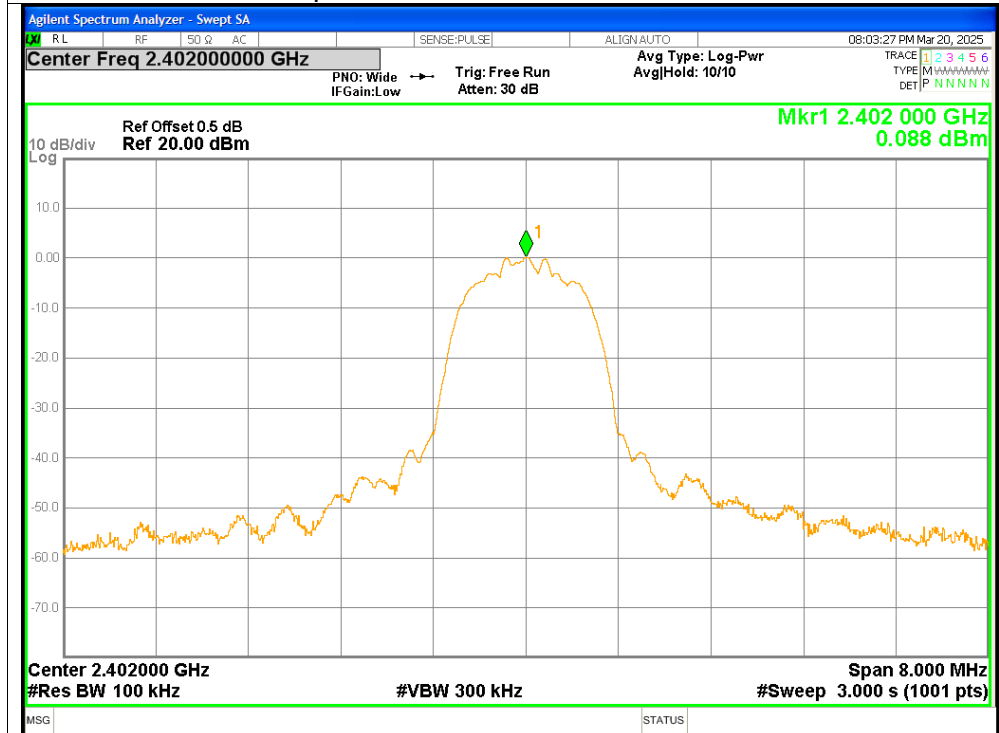


## Tx. Spurious NVNT 2-DH5 2480MHz Emission

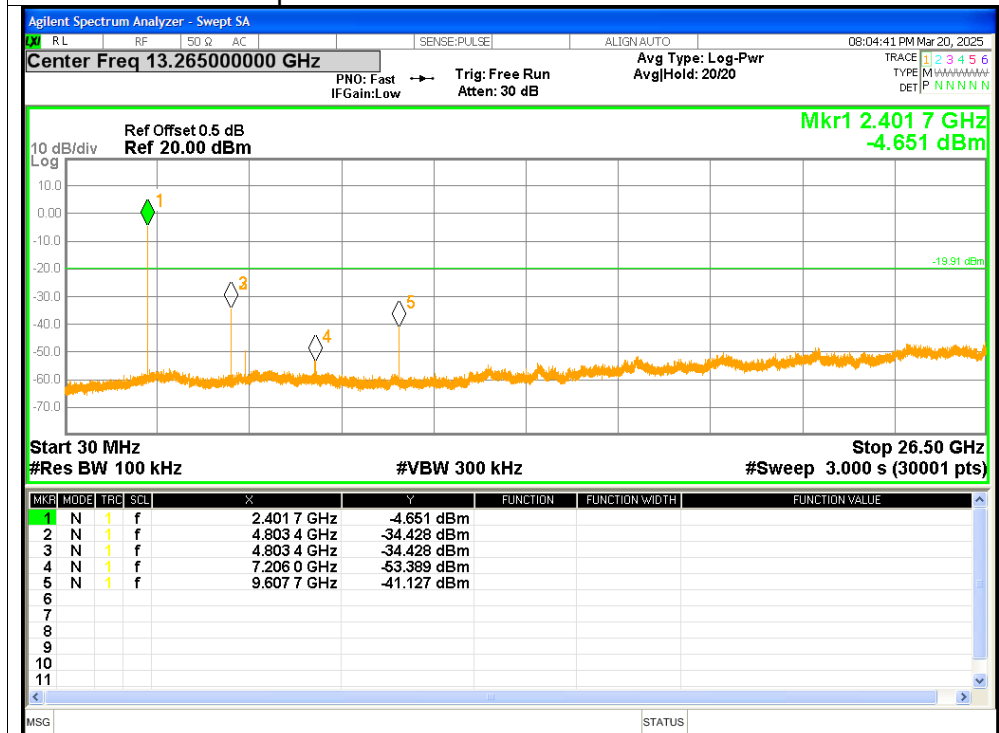




## Tx. Spurious NVNT 3-DH5 2402MHz Ref

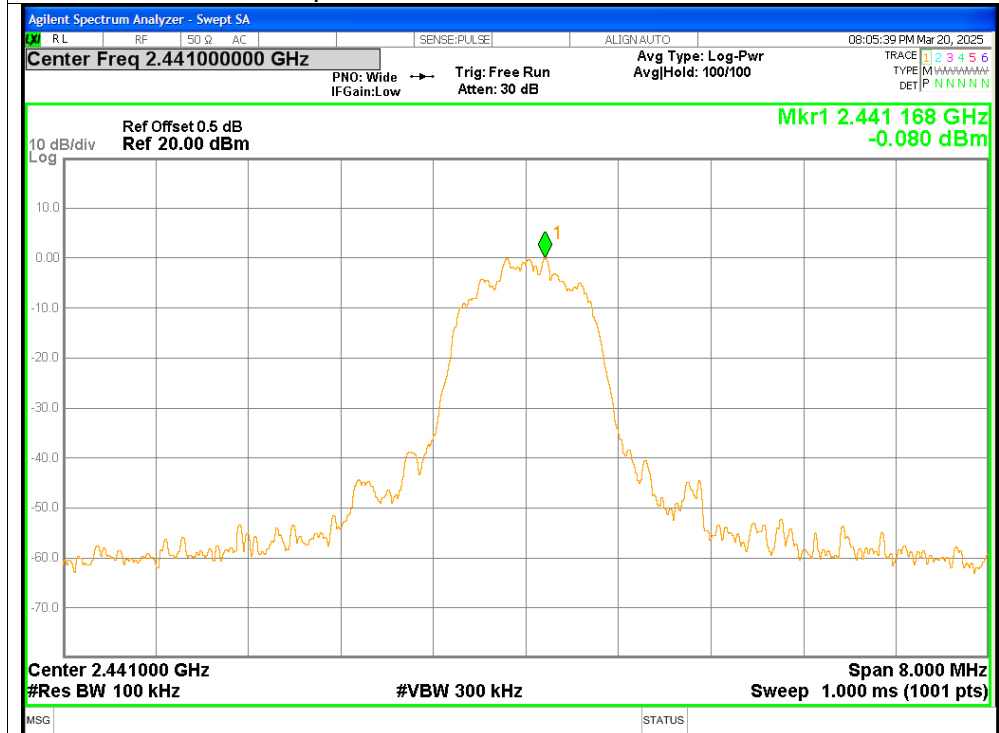


## Tx. Spurious NVNT 3-DH5 2402MHz Emission

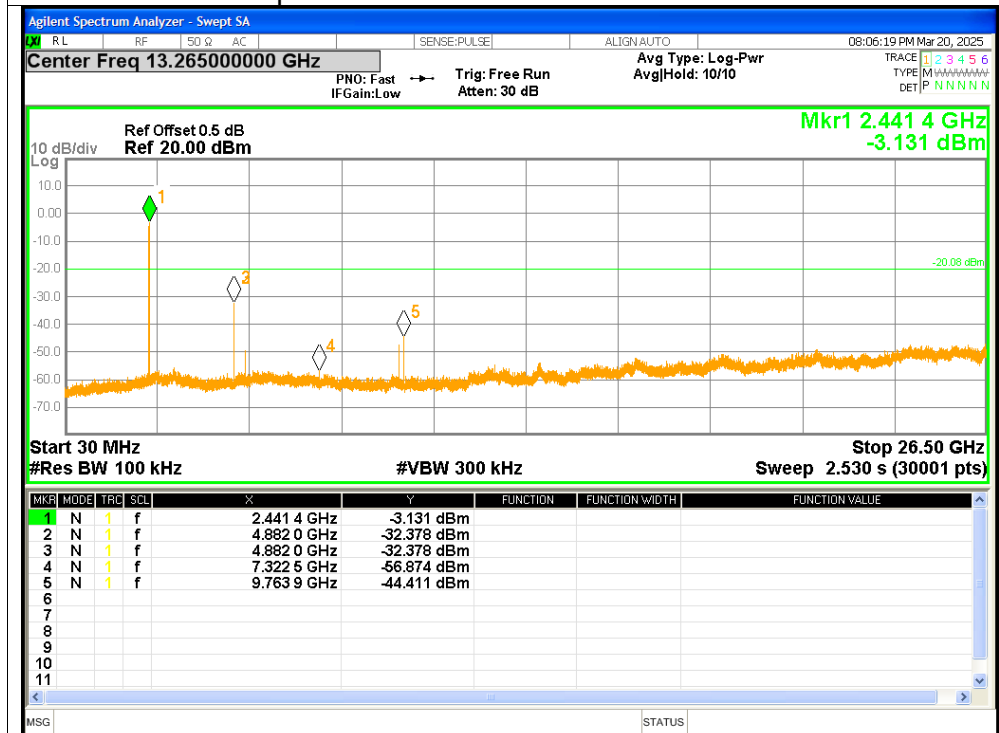




## Tx. Spurious NVNT 3-DH5 2441MHz Ref

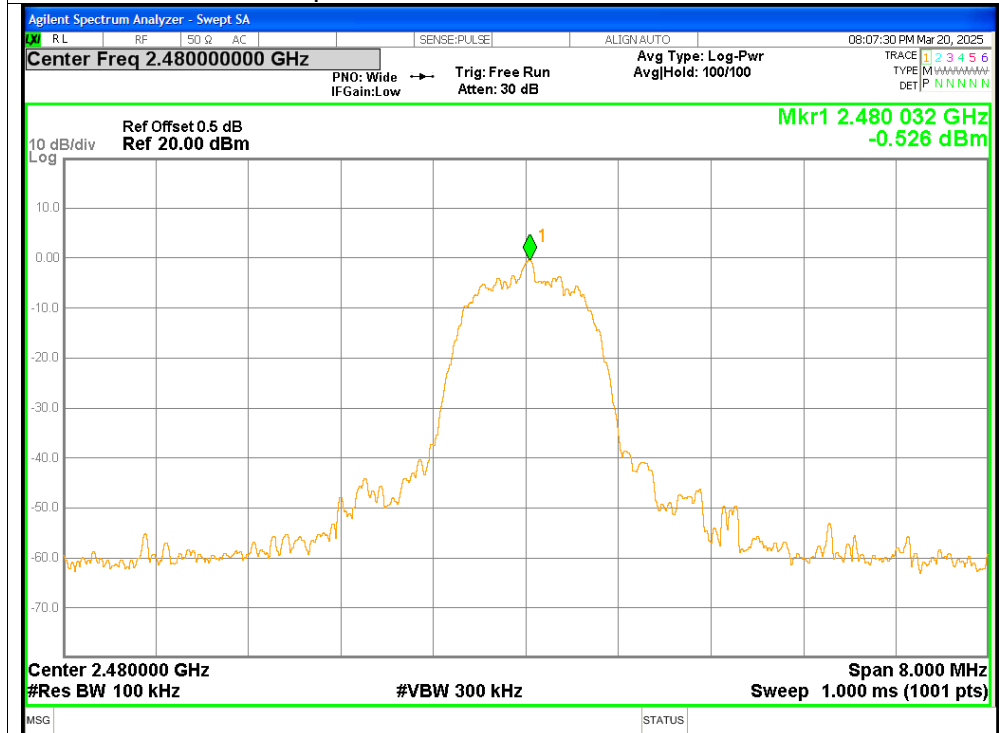


## Tx. Spurious NVNT 3-DH5 2441MHz Emission

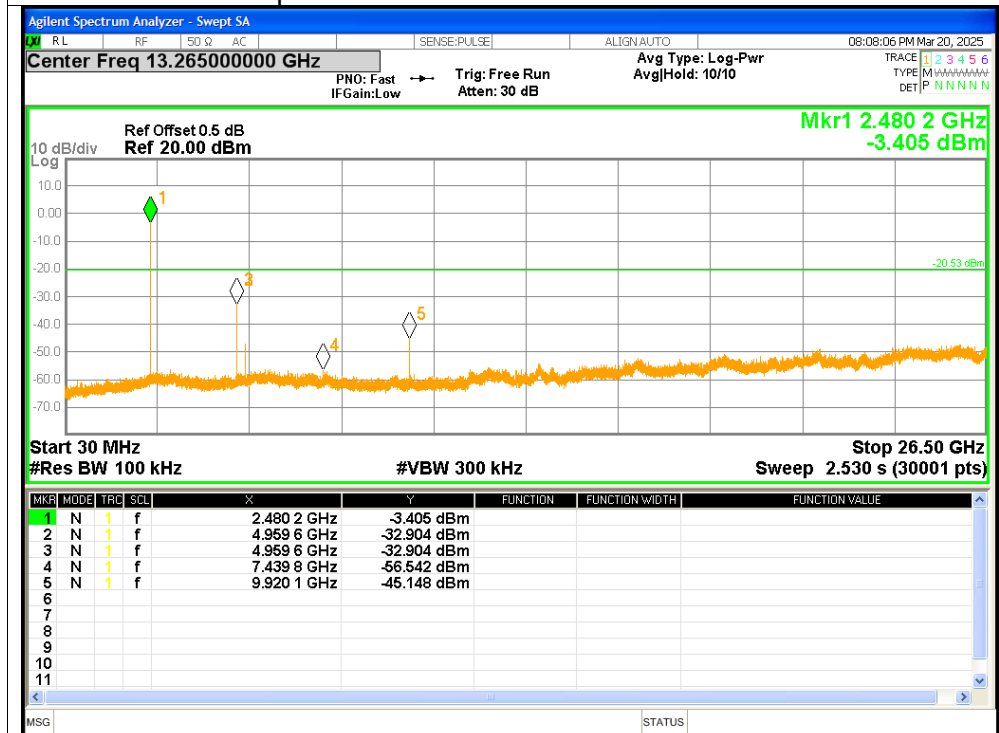




## Tx. Spurious NVNT 3-DH5 2480MHz Ref



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

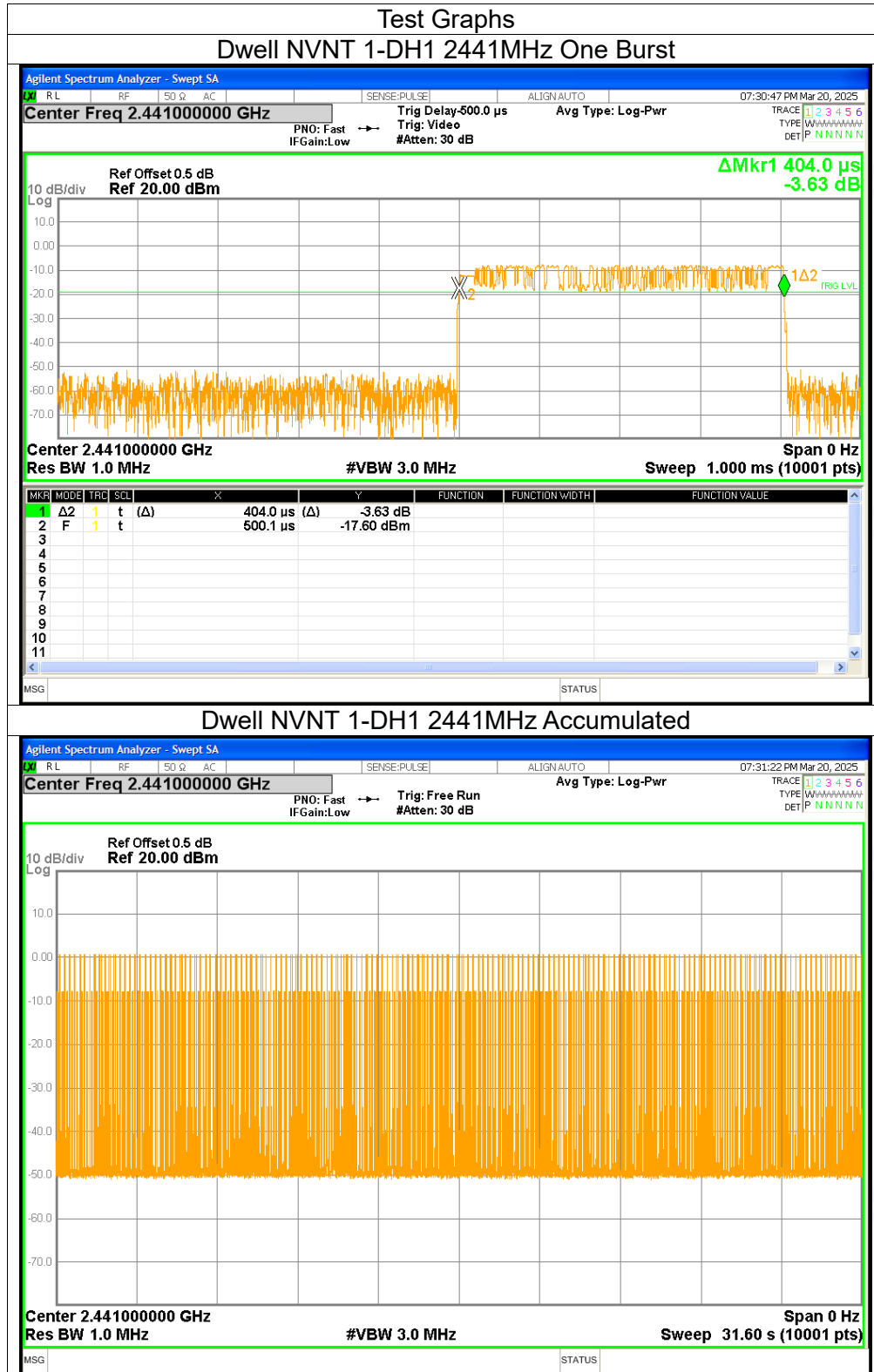


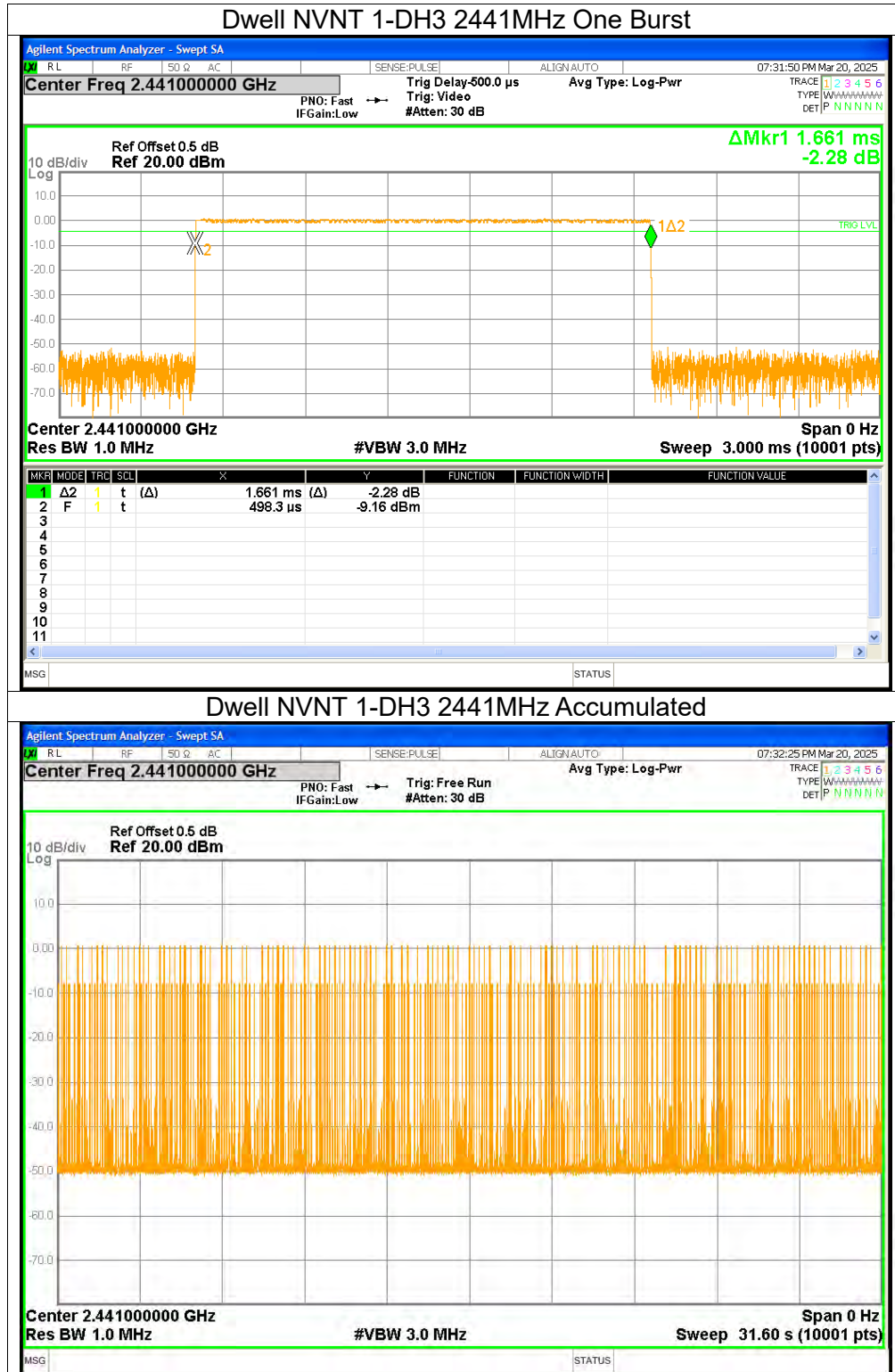


## Left

### 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            | 0.404           | 128.876               | 319         | 31600            | <=400      | Pass    |
| NVNT      | 1-DH3 | 2441            | 1.661           | 287.353               | 173         | 31600            | <=400      | Pass    |
| NVNT      | 1-DH5 | 2441            | 2.908           | 267.536               | 92          | 31600            | <=400      | Pass    |
| NVNT      | 2-DH1 | 2441            | 0.414           | 132.066               | 319         | 31600            | <=400      | Pass    |
| NVNT      | 2-DH3 | 2441            | 1.667           | 243.382               | 146         | 31600            | <=400      | Pass    |
| NVNT      | 2-DH5 | 2441            | 2.914           | 285.572               | 98          | 31600            | <=400      | Pass    |
| NVNT      | 3-DH1 | 2441            | 0.414           | 131.652               | 318         | 31600            | <=400      | Pass    |
| NVNT      | 3-DH3 | 2441            | 1.664           | 257.92                | 155         | 31600            | <=400      | Pass    |
| NVNT      | 3-DH5 | 2441            | 2.917           | 329.621               | 113         | 31600            | <=400      | Pass    |





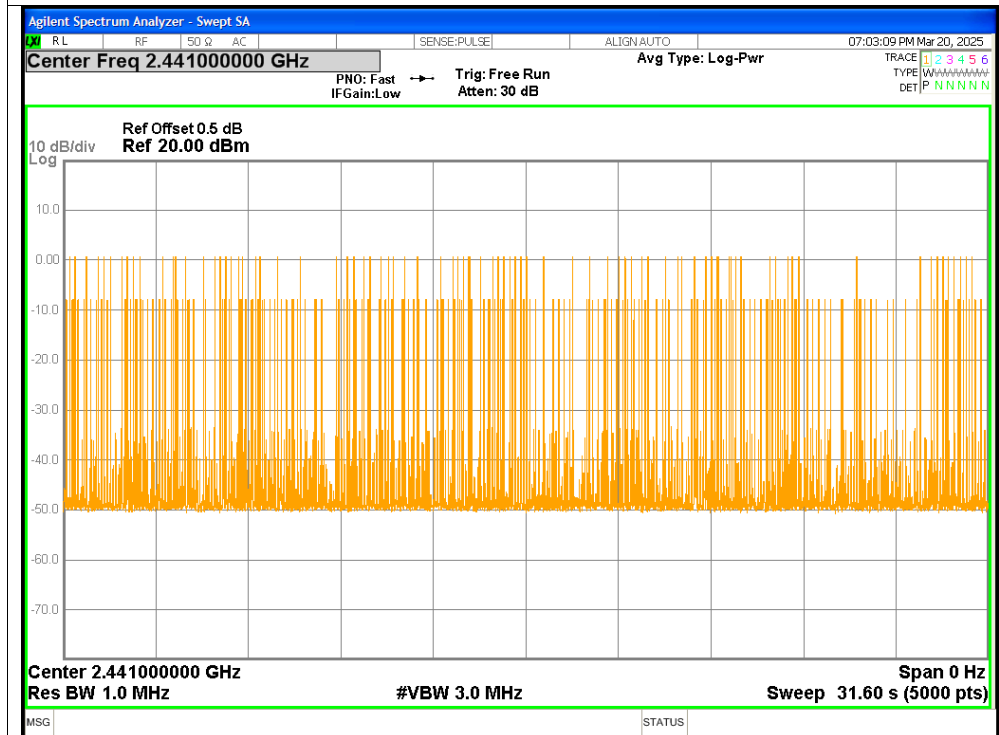


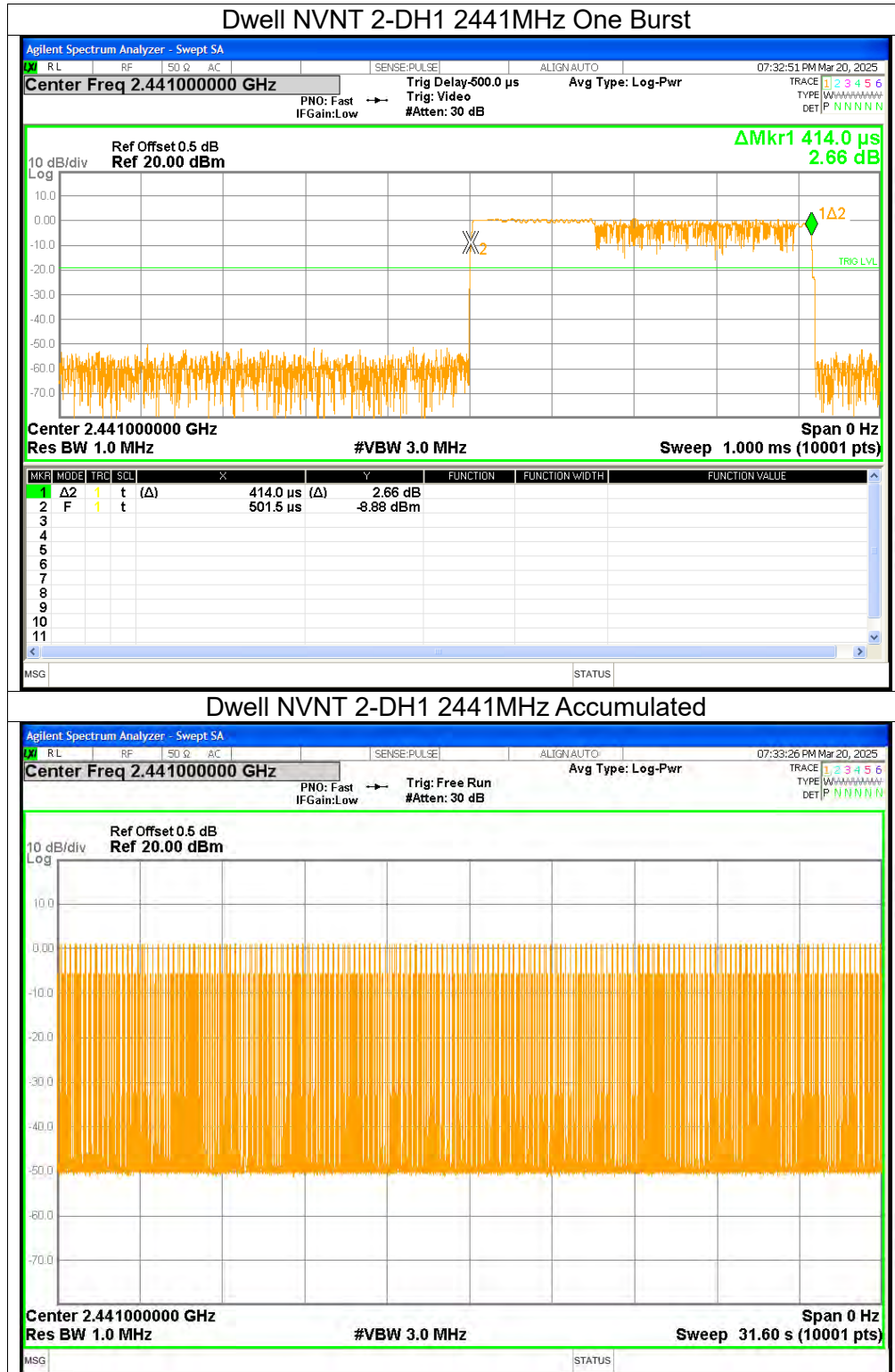


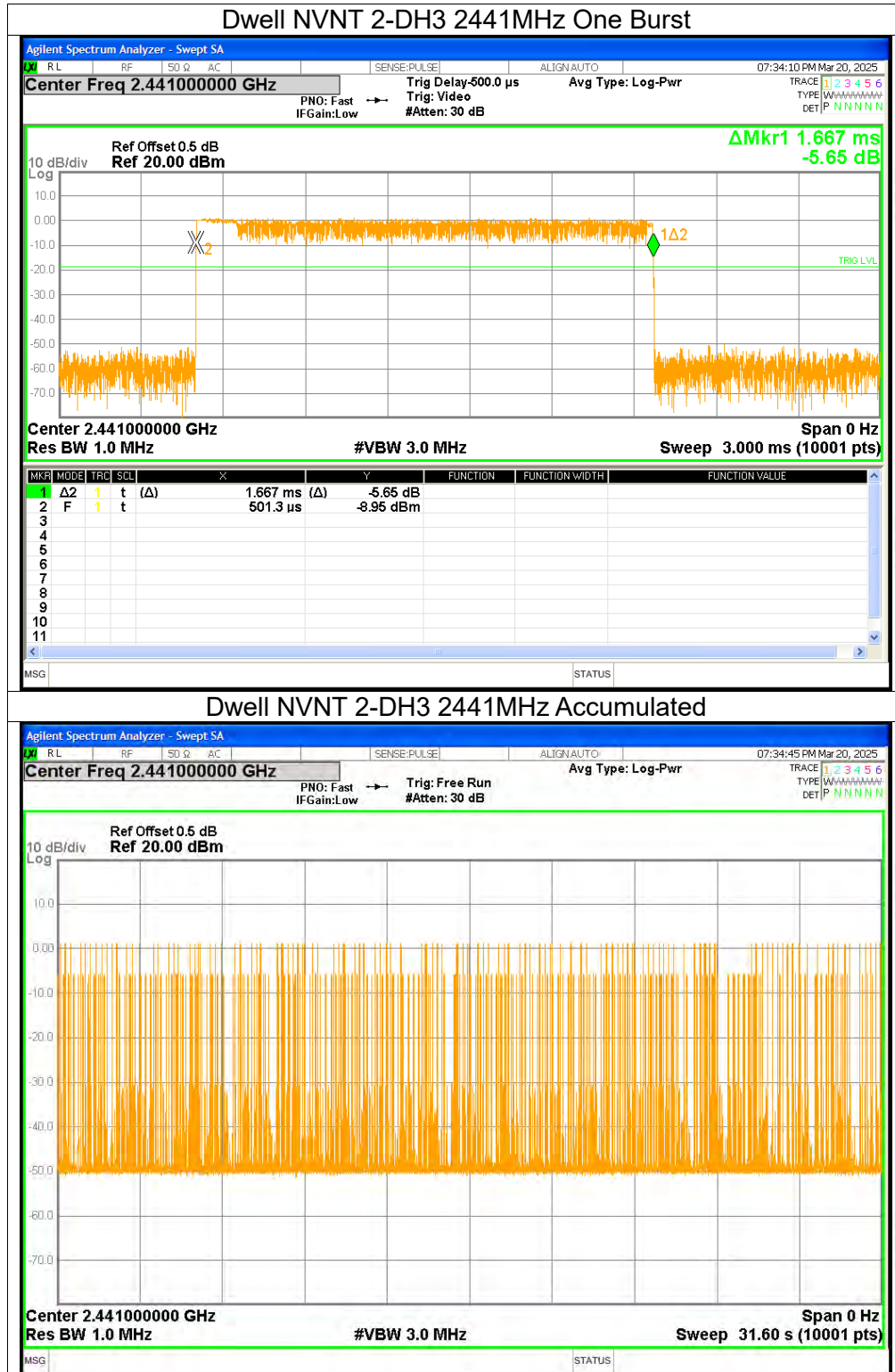
## Dwell NVNT 1-DH5 2441MHz One Burst

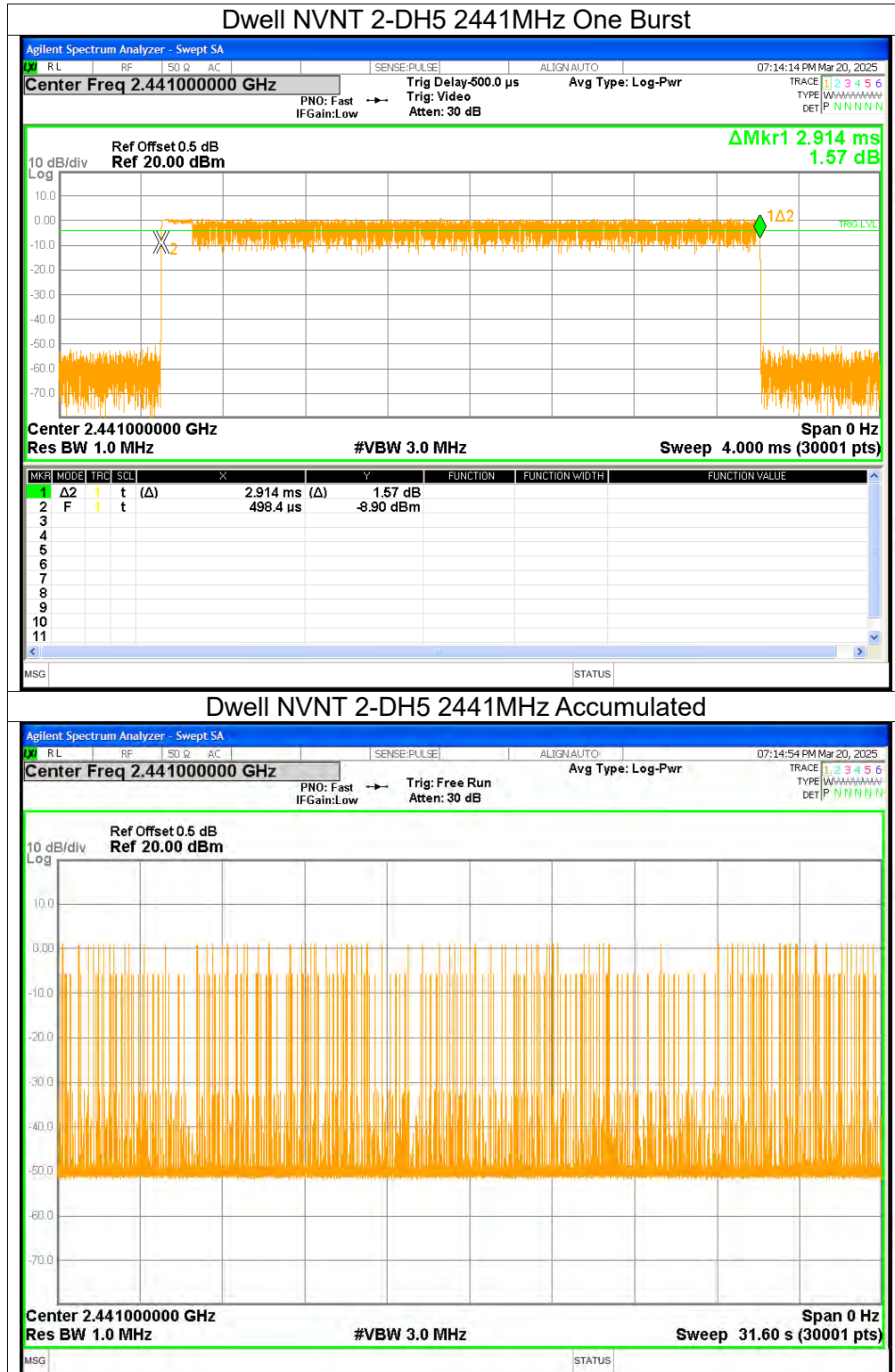


## Dwell NVNT 1-DH5 2441MHz Accumulated







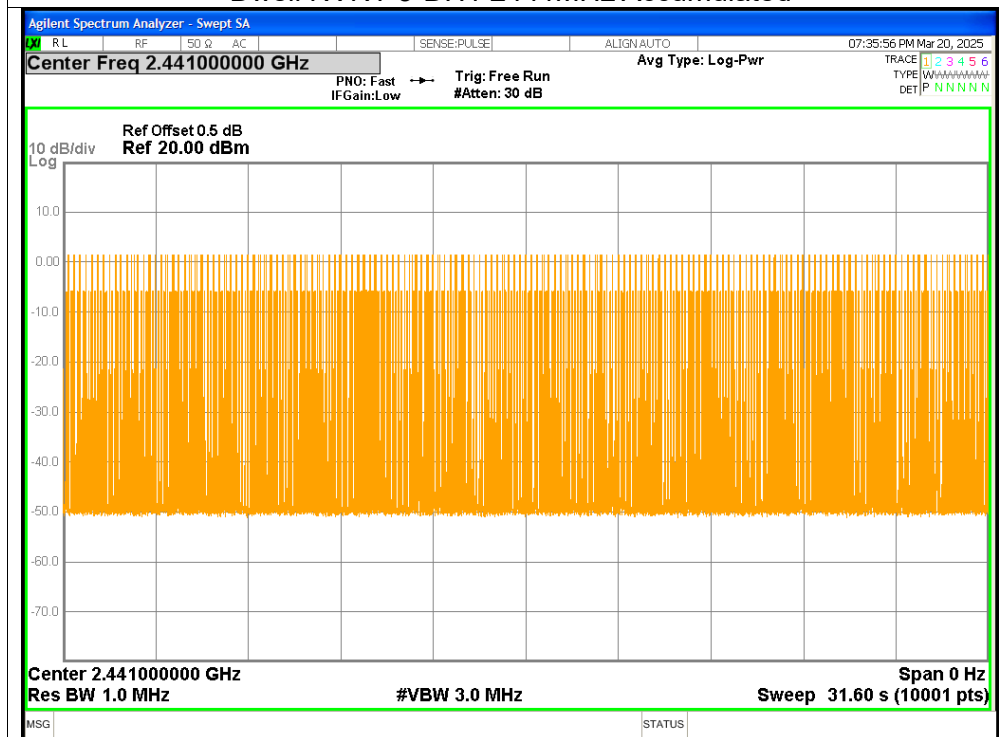




## Dwell NVNT 3-DH1 2441MHz One Burst

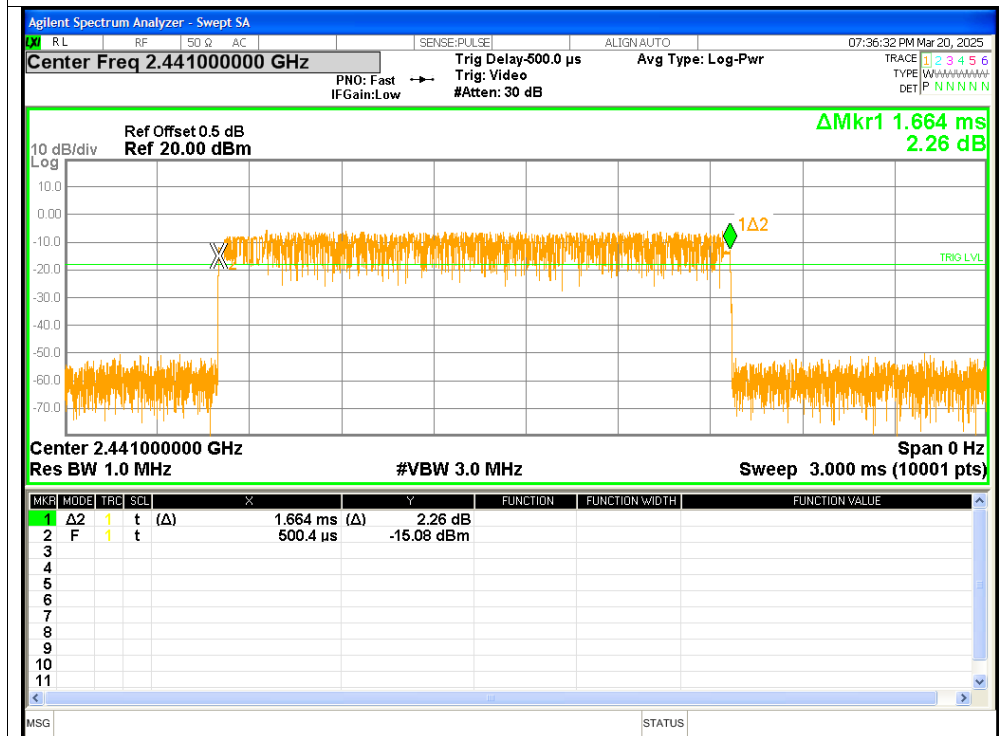


## Dwell NVNT 3-DH1 2441MHz Accumulated

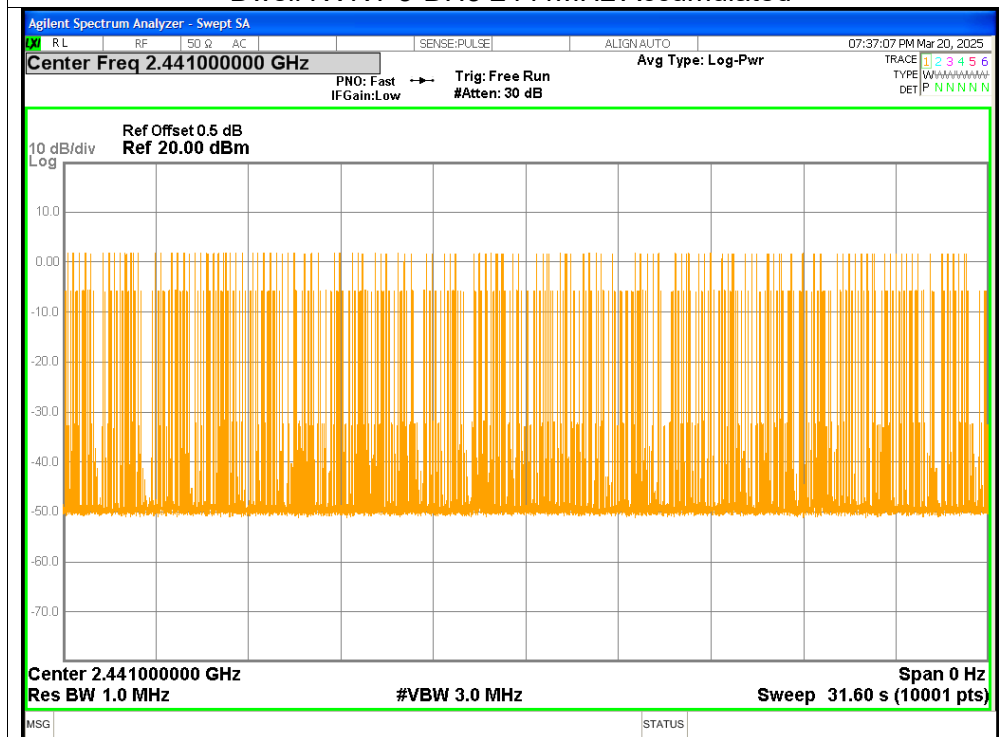




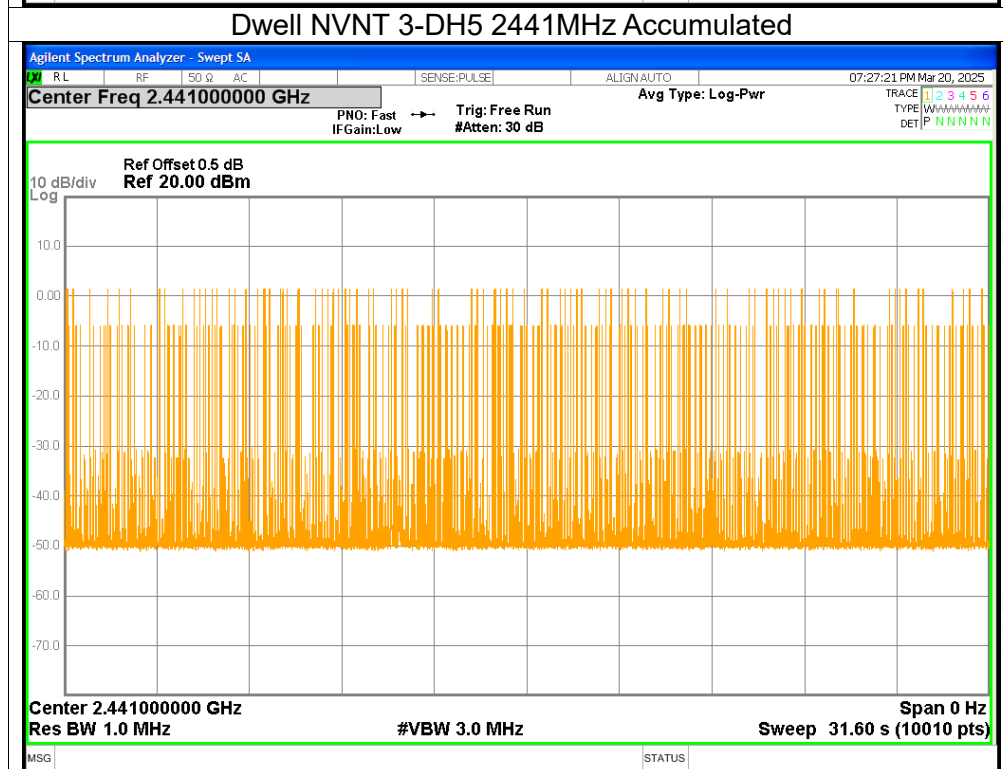
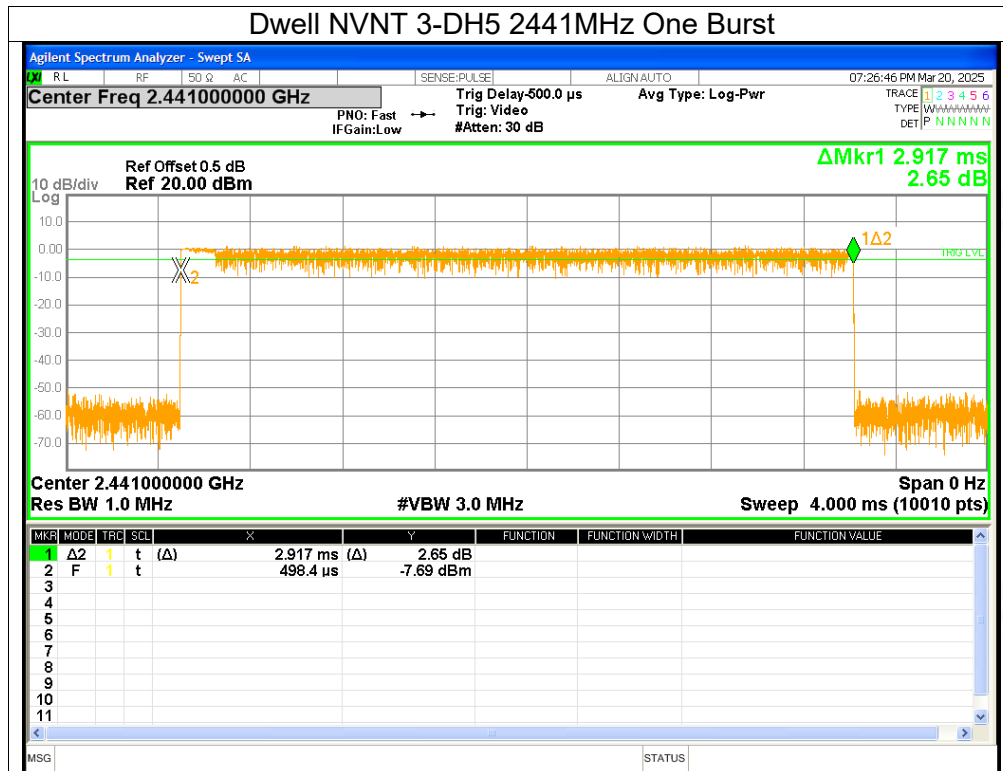
## Dwell NVNT 3-DH3 2441MHz One Burst



## Dwell NVNT 3-DH3 2441MHz Accumulated





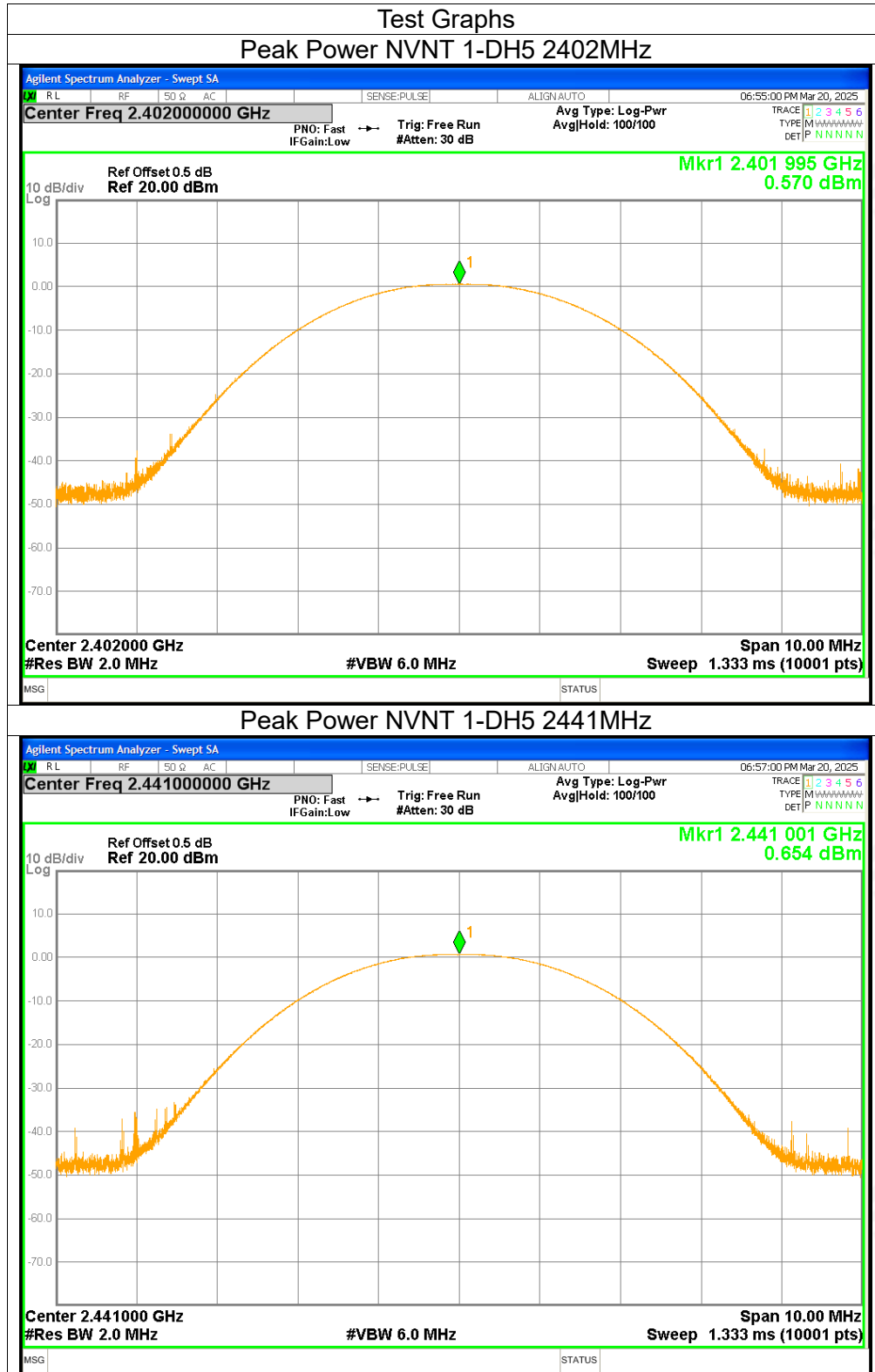


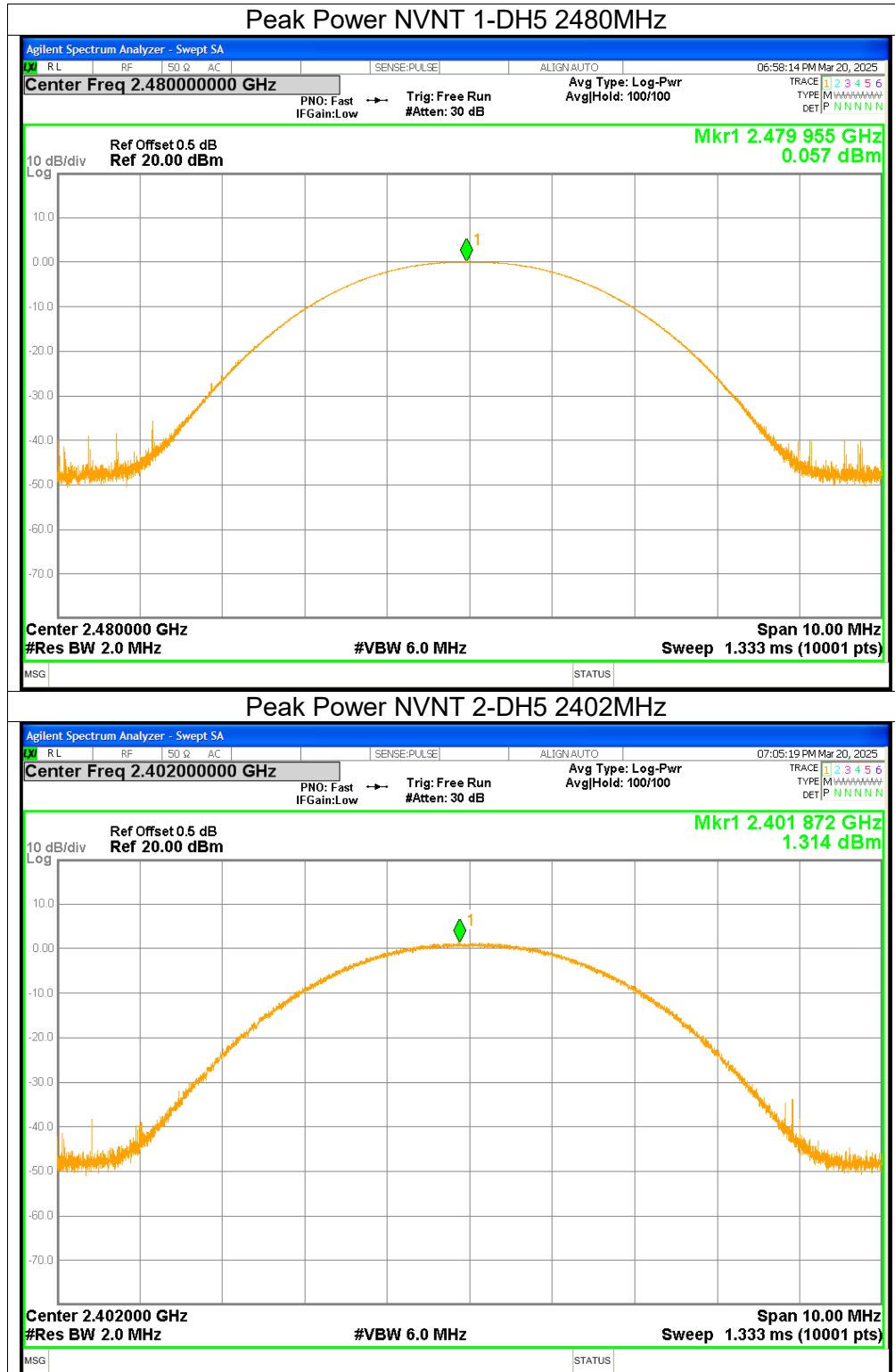


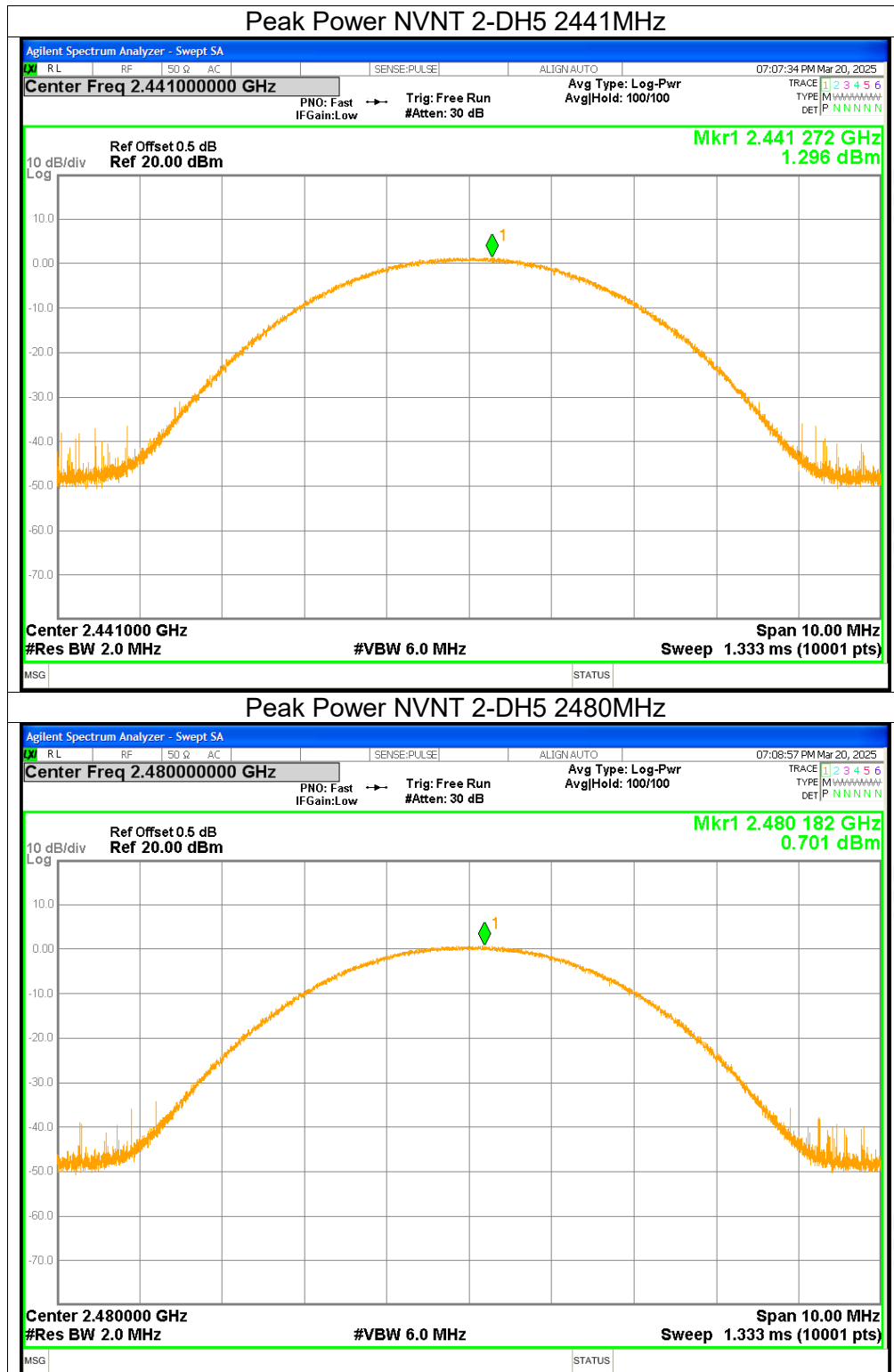
## 2. Maximum Peak Conducted Output Power

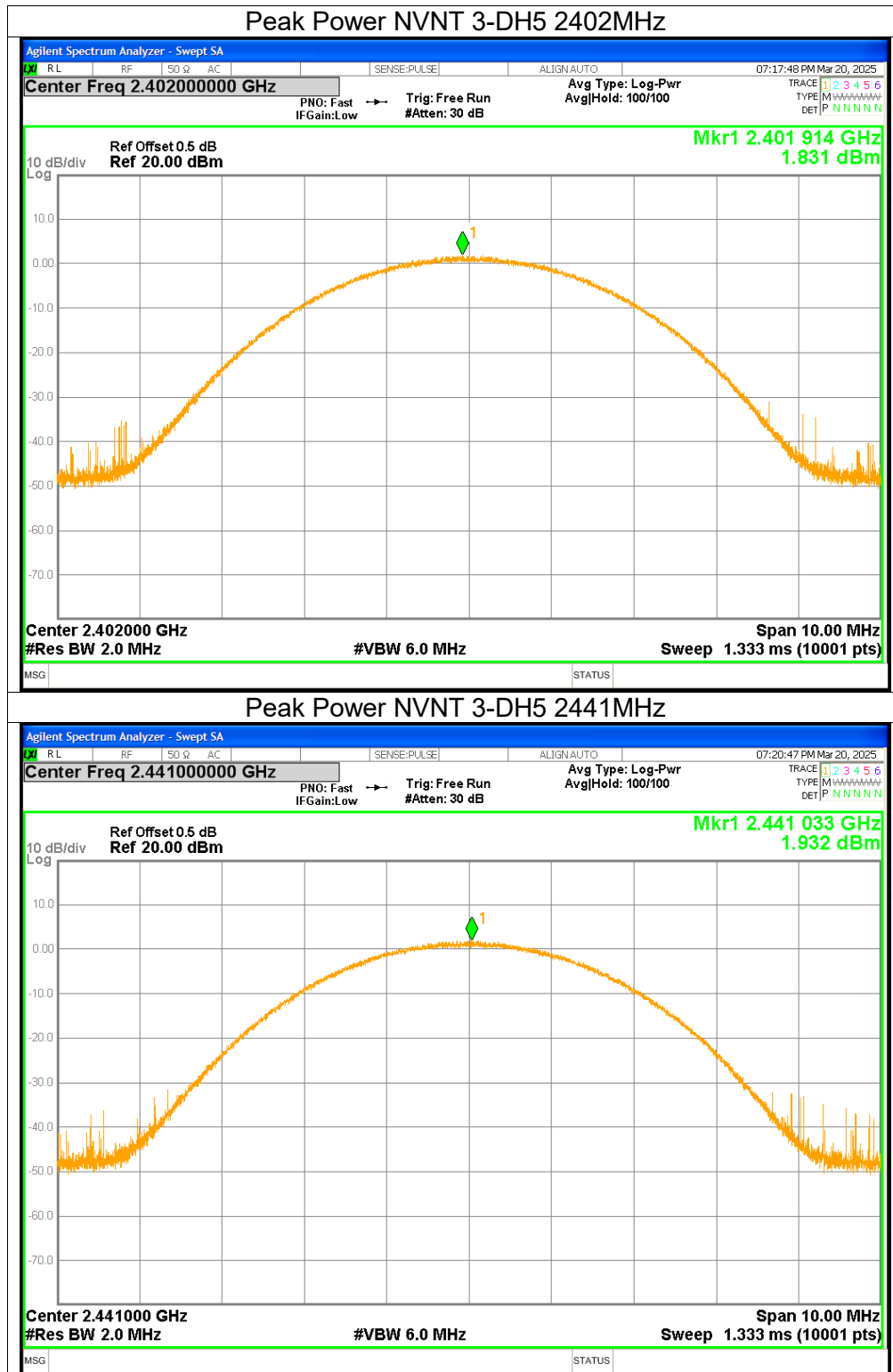
| Condition | Mode  | Frequency (MHz) | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|-----------------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | 0.57                  | <=20.97     | Pass    |
| NVNT      | 1-DH5 | 2441            | 0.65                  | <=20.97     | Pass    |
| NVNT      | 1-DH5 | 2480            | 0.06                  | <=20.97     | Pass    |
| NVNT      | 2-DH5 | 2402            | 1.31                  | <=20.97     | Pass    |
| NVNT      | 2-DH5 | 2441            | 1.3                   | <=20.97     | Pass    |
| NVNT      | 2-DH5 | 2480            | 0.7                   | <=20.97     | Pass    |
| NVNT      | 3-DH5 | 2402            | 1.83                  | <=20.97     | Pass    |
| NVNT      | 3-DH5 | 2441            | 1.93                  | <=20.97     | Pass    |
| NVNT      | 3-DH5 | 2480            | 1.2                   | <=20.97     | Pass    |

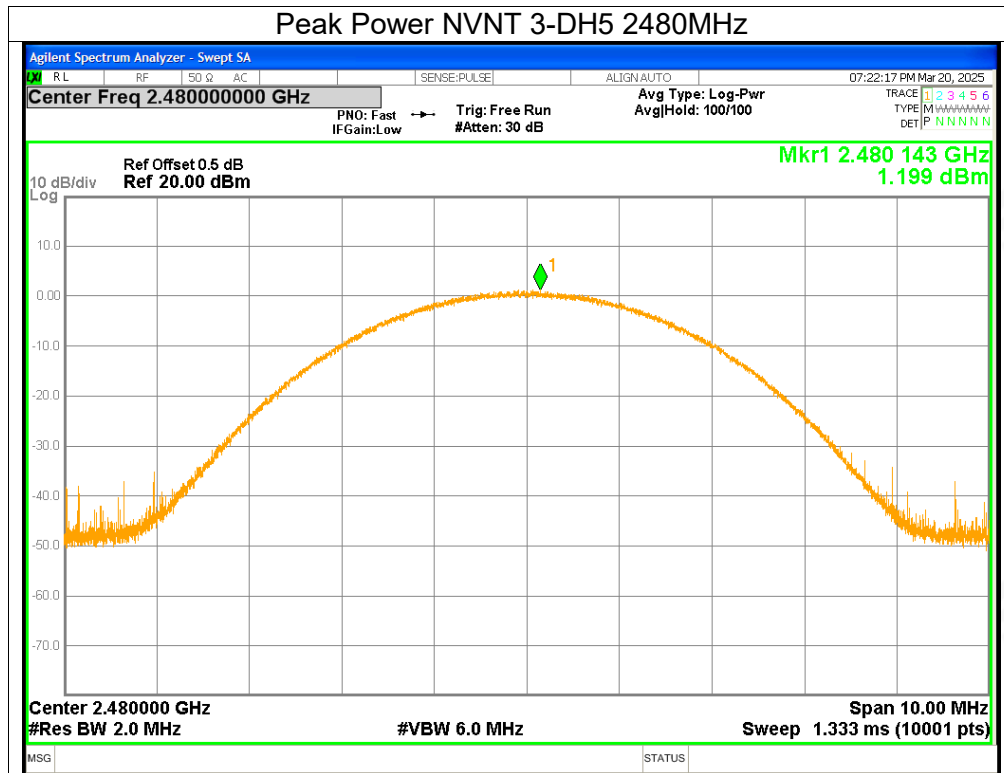








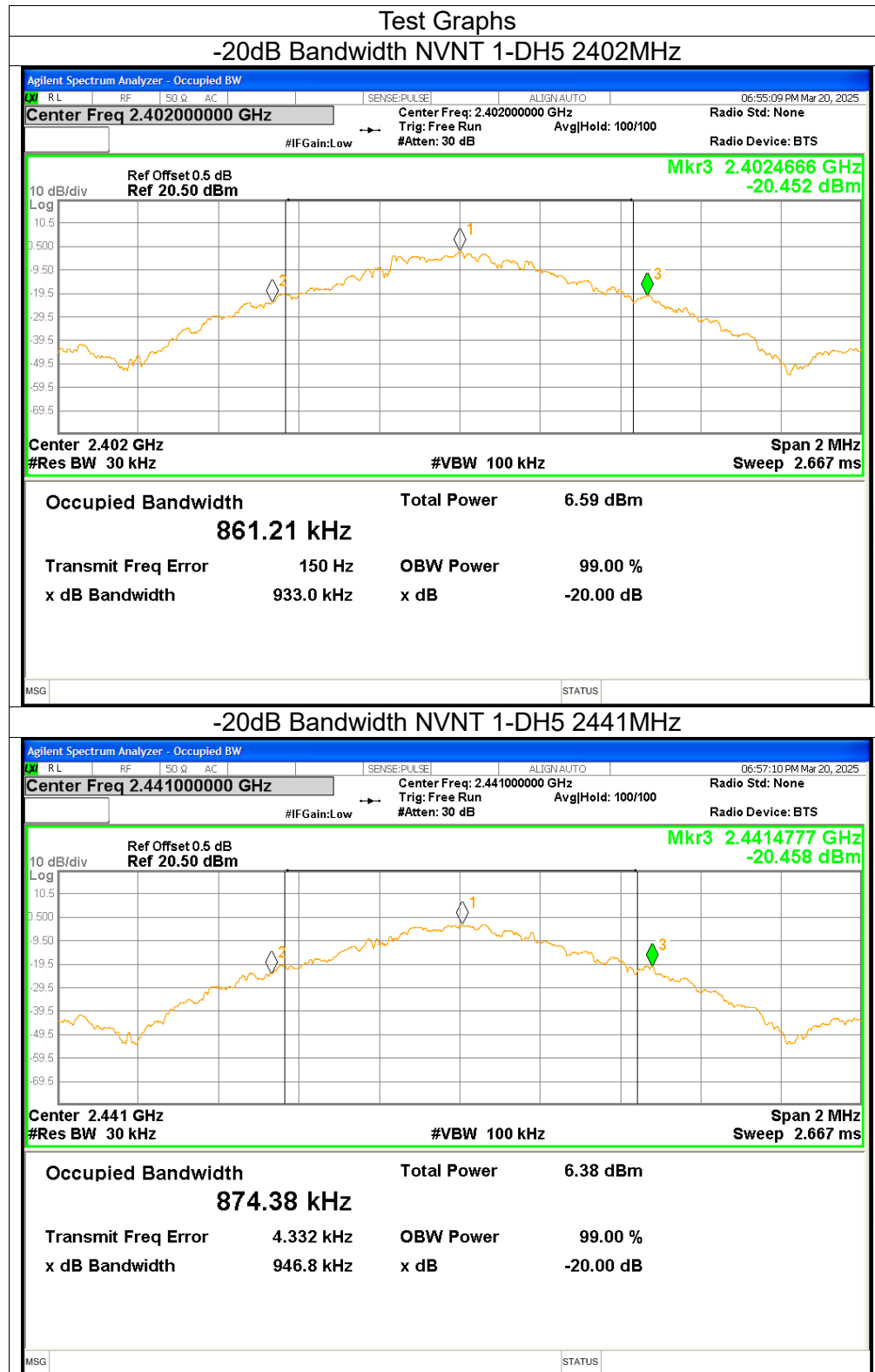


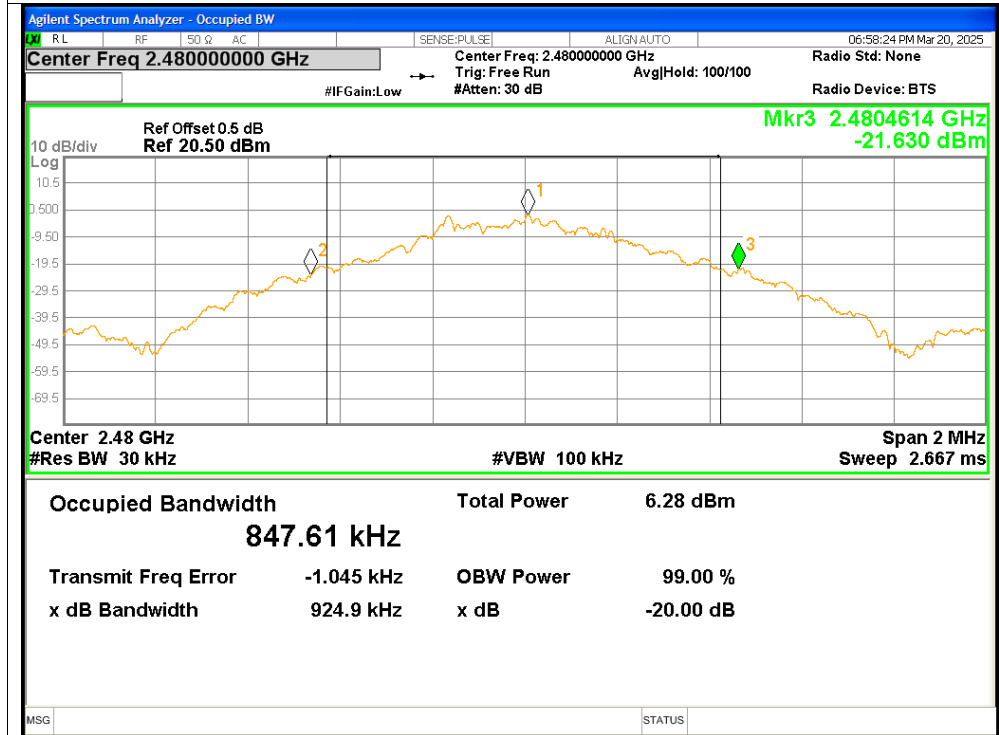
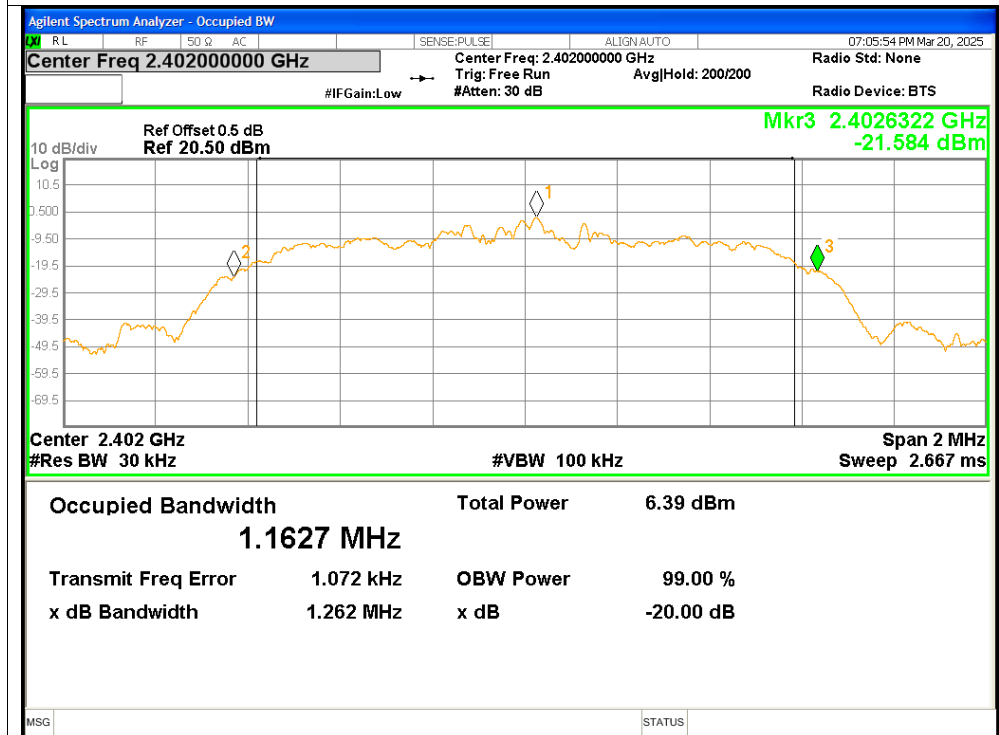




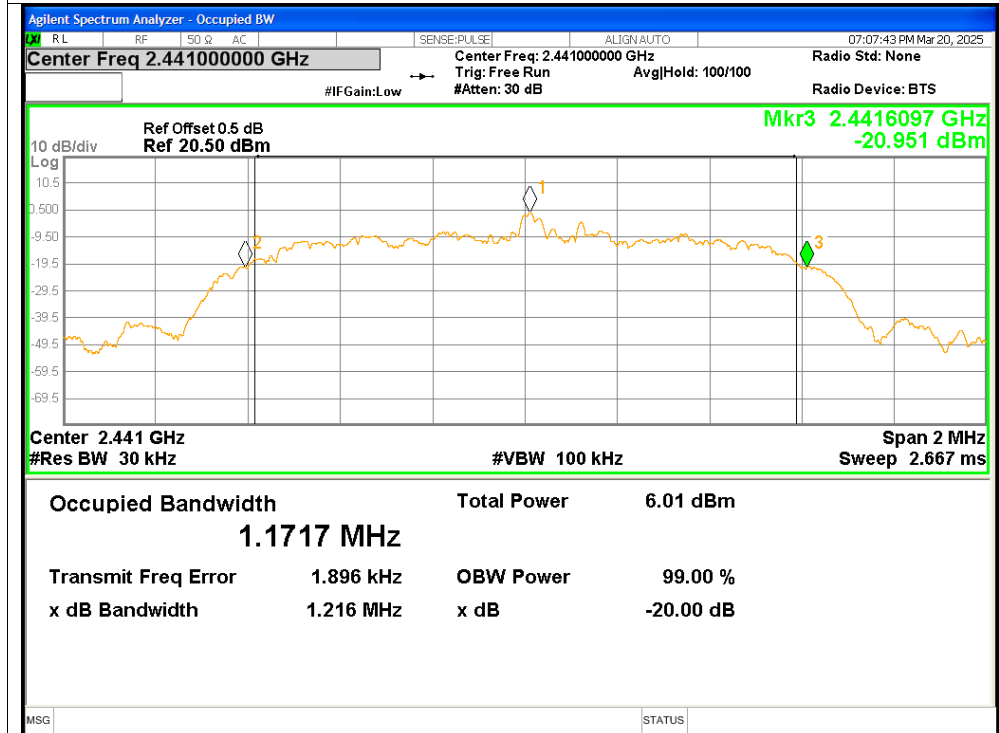
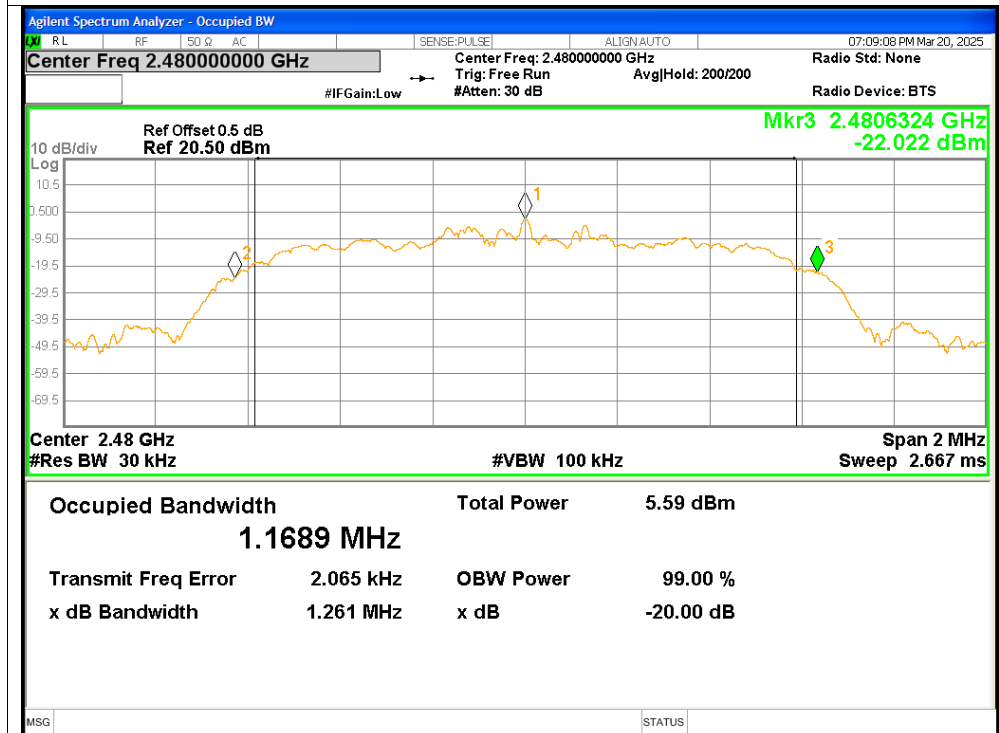
### 3. -20dB Bandwidth

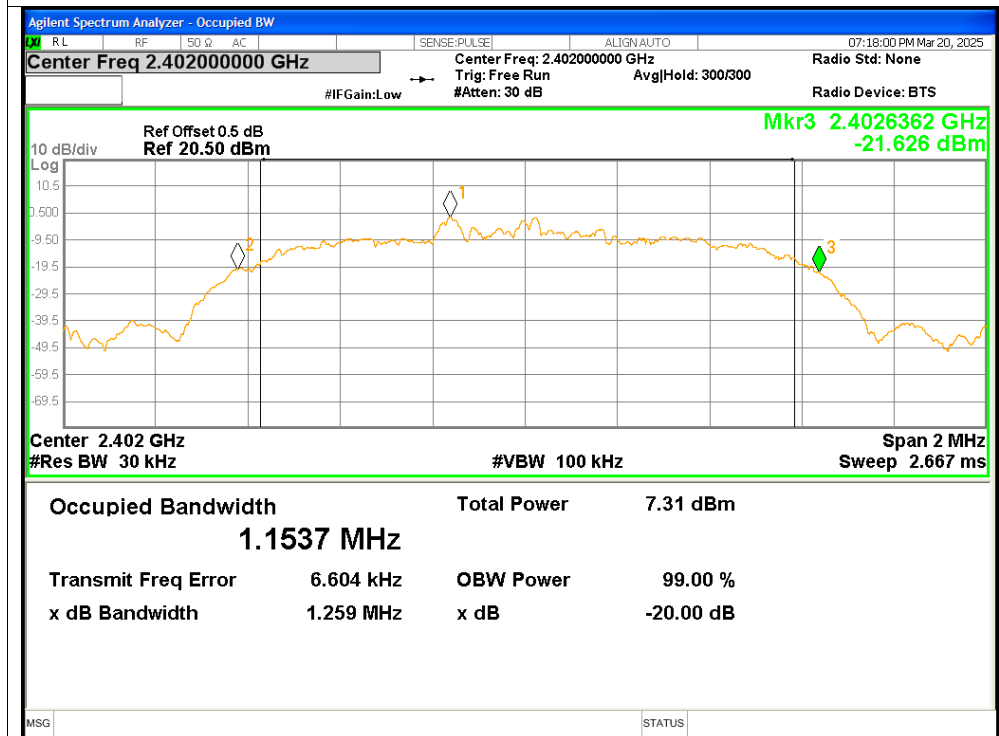
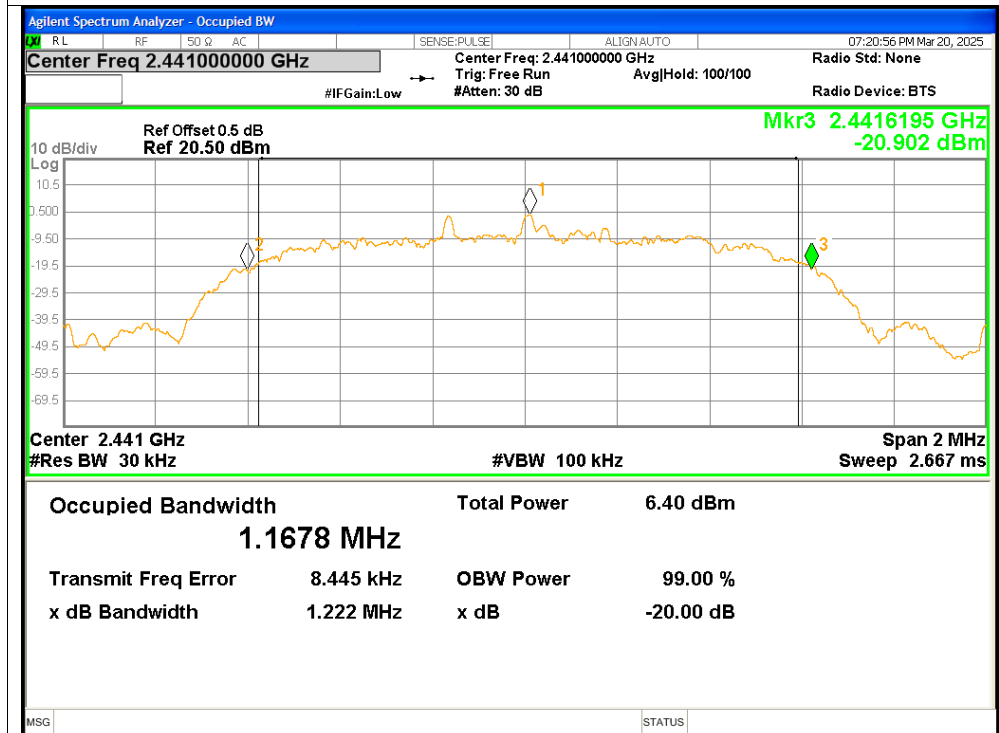
| Condition | Mode  | Frequency (MHz) | -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|------------------------|---------|
| NVNT      | 1-DH5 | 2402            | 0.933                  | Pass    |
| NVNT      | 1-DH5 | 2441            | 0.9468                 | Pass    |
| NVNT      | 1-DH5 | 2480            | 0.9249                 | Pass    |
| NVNT      | 2-DH5 | 2402            | 1.2623                 | Pass    |
| NVNT      | 2-DH5 | 2441            | 1.2156                 | Pass    |
| NVNT      | 2-DH5 | 2480            | 1.2607                 | Pass    |
| NVNT      | 3-DH5 | 2402            | 1.2592                 | Pass    |
| NVNT      | 3-DH5 | 2441            | 1.2222                 | Pass    |
| NVNT      | 3-DH5 | 2480            | 1.2502                 | Pass    |

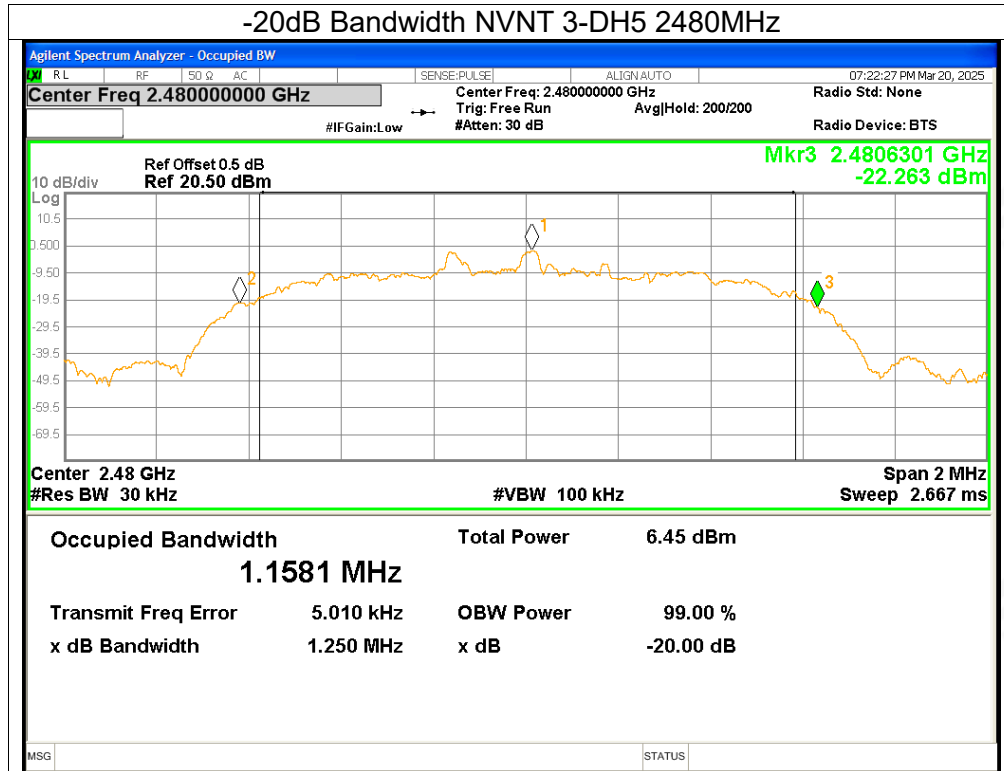


**-20dB Bandwidth NVNT 1-DH5 2480MHz****-20dB Bandwidth NVNT 2-DH5 2402MHz**



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

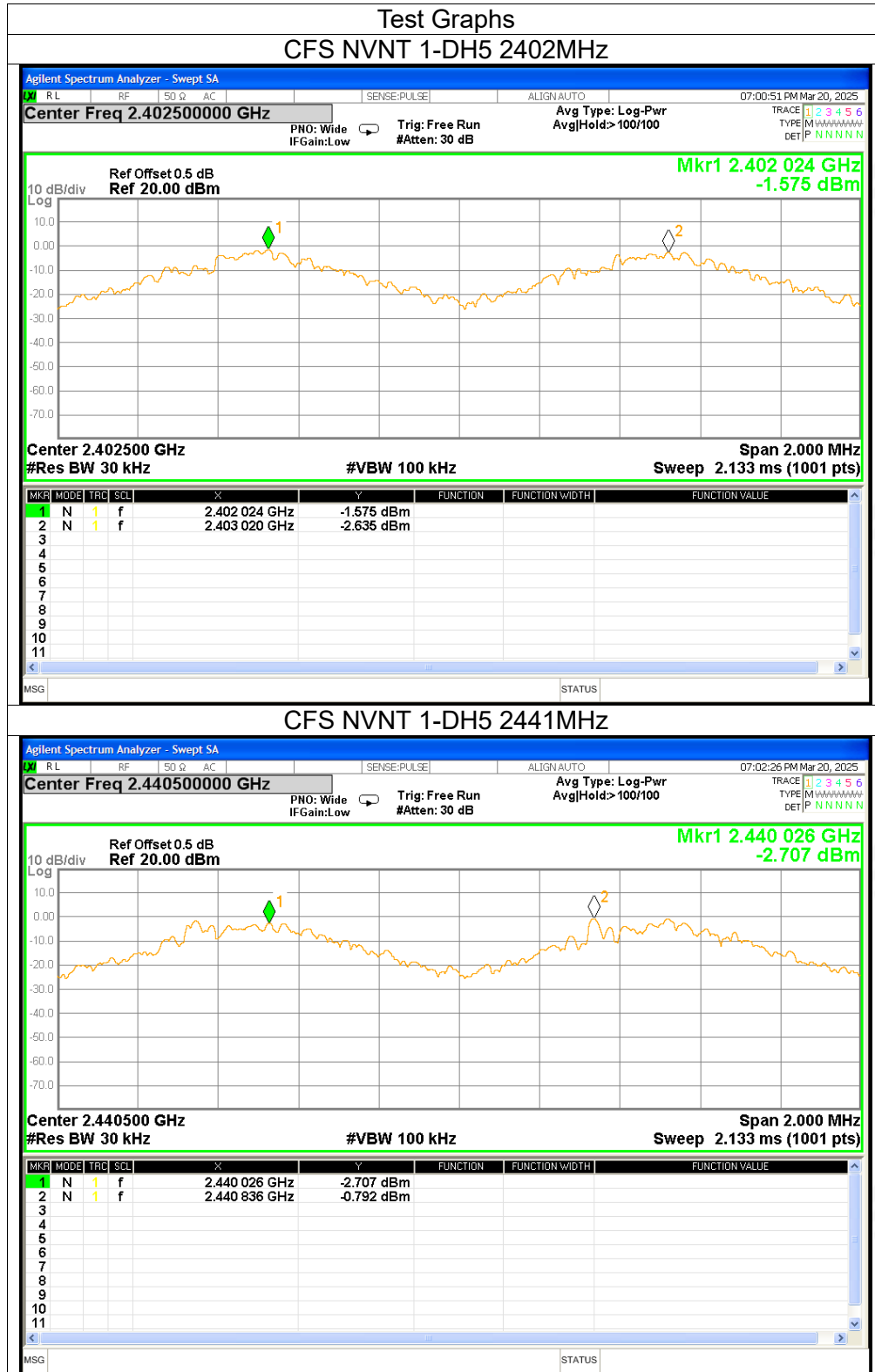
**-20dB Bandwidth NVNT 3-DH5 2402MHz****-20dB Bandwidth NVNT 3-DH5 2441MHz**

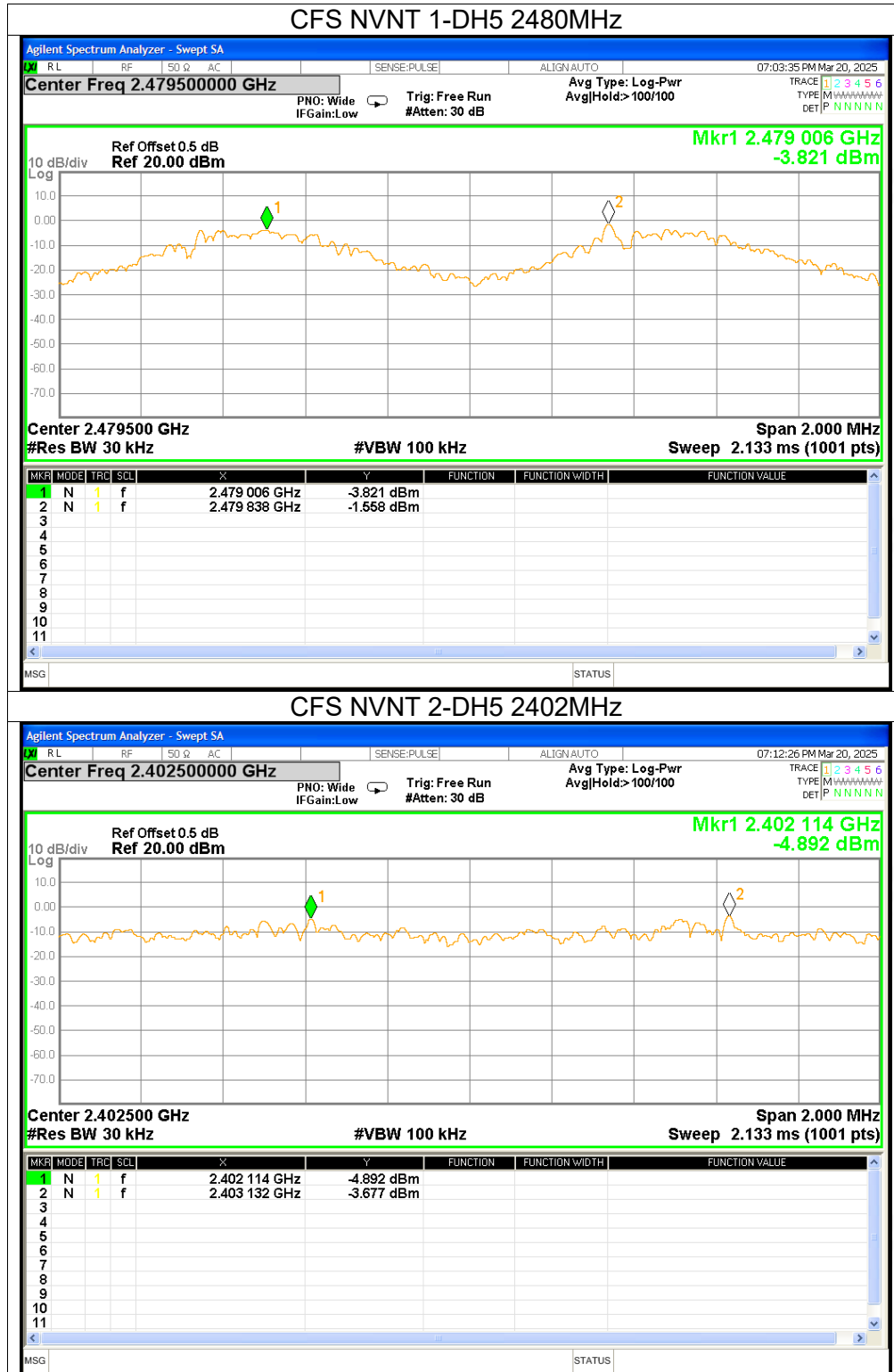


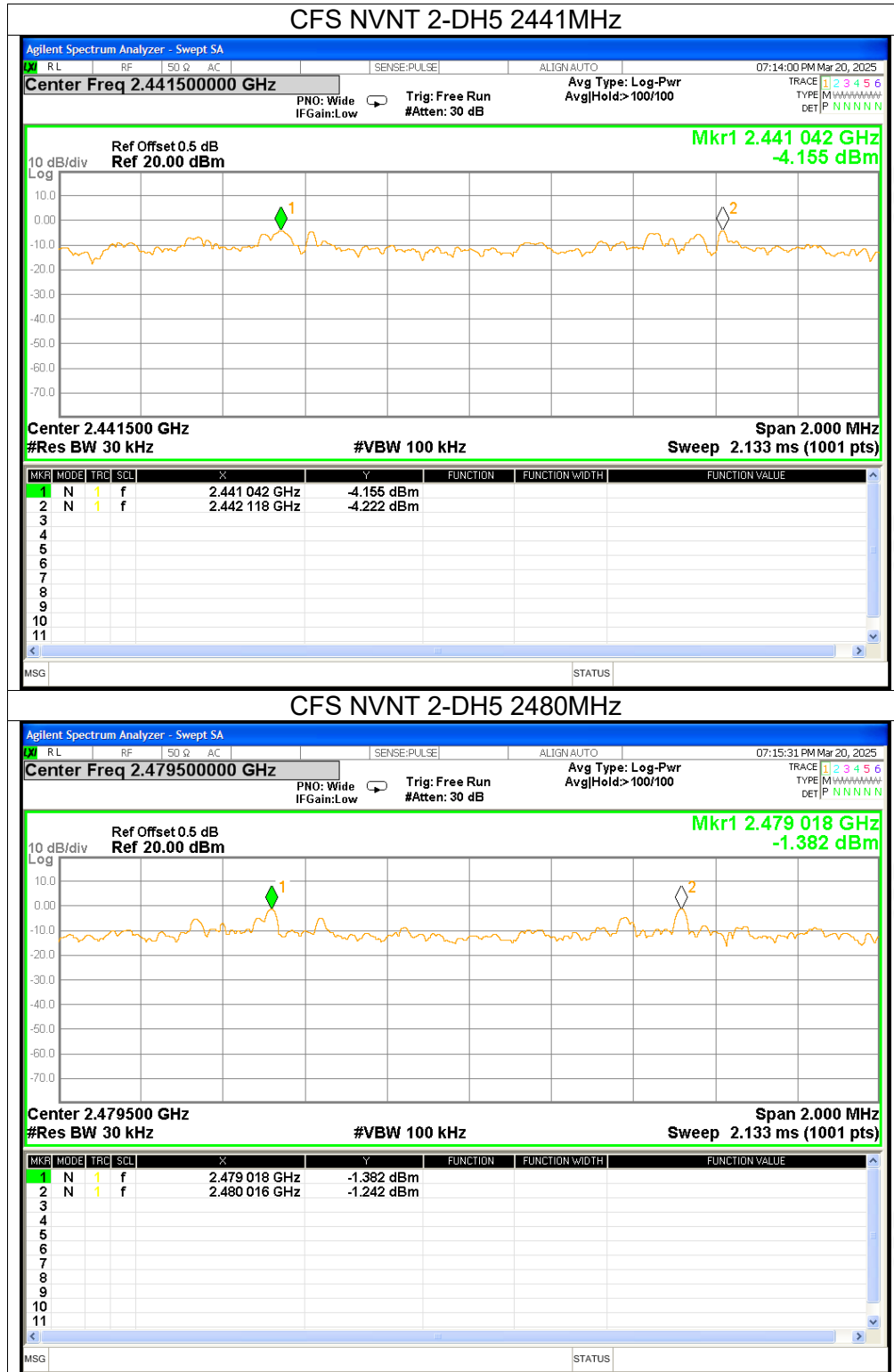


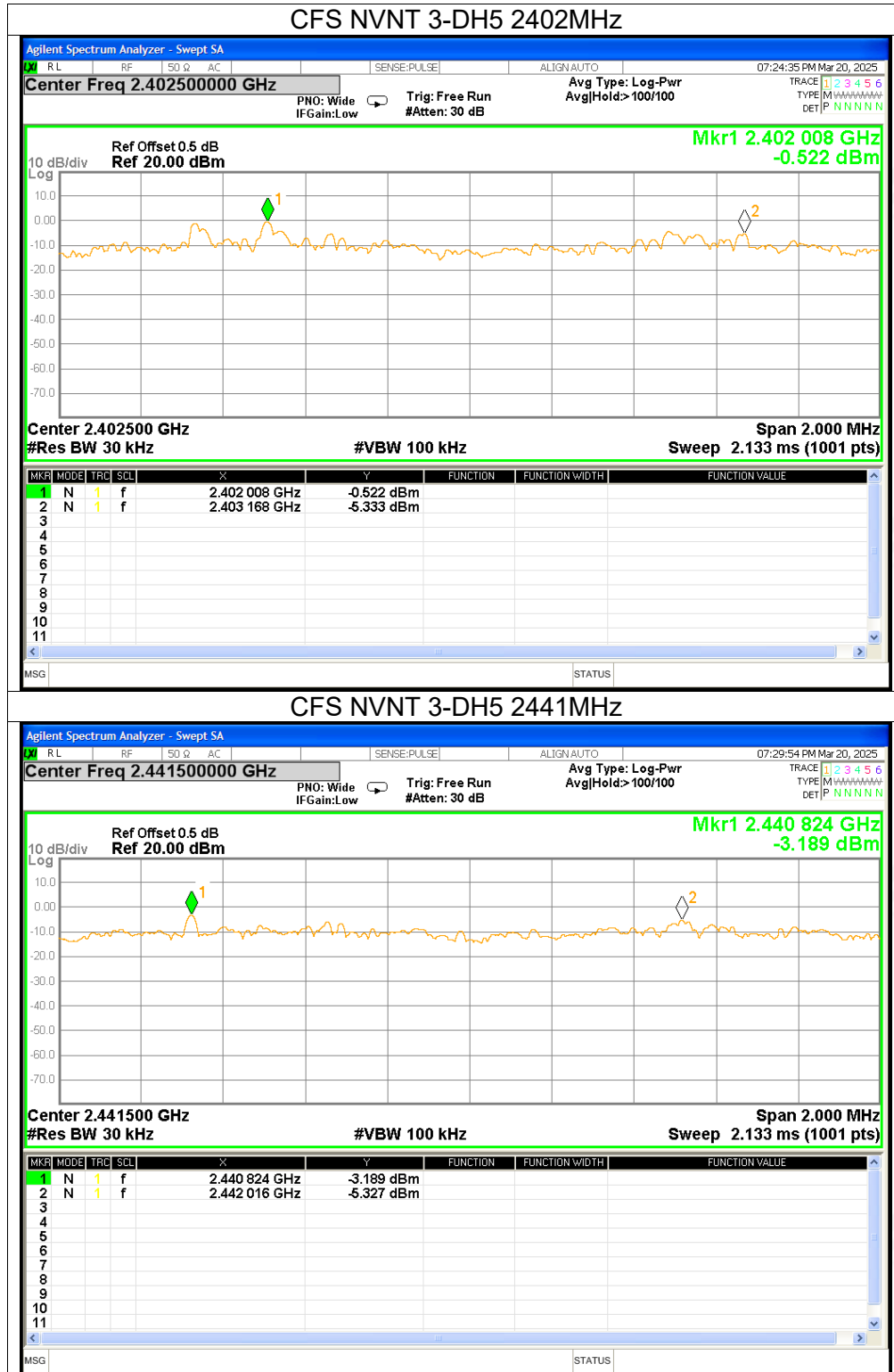
#### 4. Carrier Frequencies Separation

| Condition | Mode  | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz)  | Verdict |
|-----------|-------|---------------------|---------------------|-----------|--------------|---------|
| NVNT      | 1-DH5 | 2402.024            | 2403.02             | 0.996     | $\geq 0.622$ | Pass    |
| NVNT      | 1-DH5 | 2440.026            | 2440.836            | 0.81      | $\geq 0.631$ | Pass    |
| NVNT      | 1-DH5 | 2479.006            | 2479.838            | 0.832     | $\geq 0.617$ | Pass    |
| NVNT      | 2-DH5 | 2402.114            | 2403.132            | 1.018     | $\geq 0.842$ | Pass    |
| NVNT      | 2-DH5 | 2441.042            | 2442.118            | 1.076     | $\geq 0.81$  | Pass    |
| NVNT      | 2-DH5 | 2479.018            | 2480.016            | 0.998     | $\geq 0.84$  | Pass    |
| NVNT      | 3-DH5 | 2402.008            | 2403.168            | 1.16      | $\geq 0.839$ | Pass    |
| NVNT      | 3-DH5 | 2440.824            | 2442.016            | 1.192     | $\geq 0.815$ | Pass    |
| NVNT      | 3-DH5 | 2478.854            | 2480.014            | 1.16      | $\geq 0.833$ | Pass    |

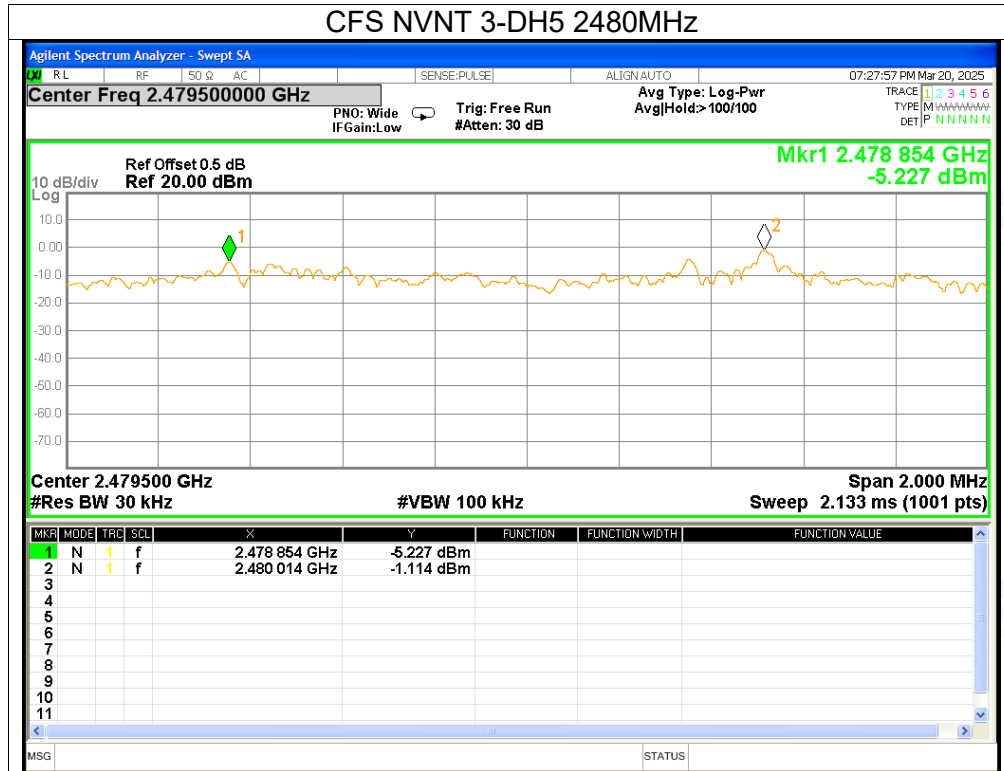














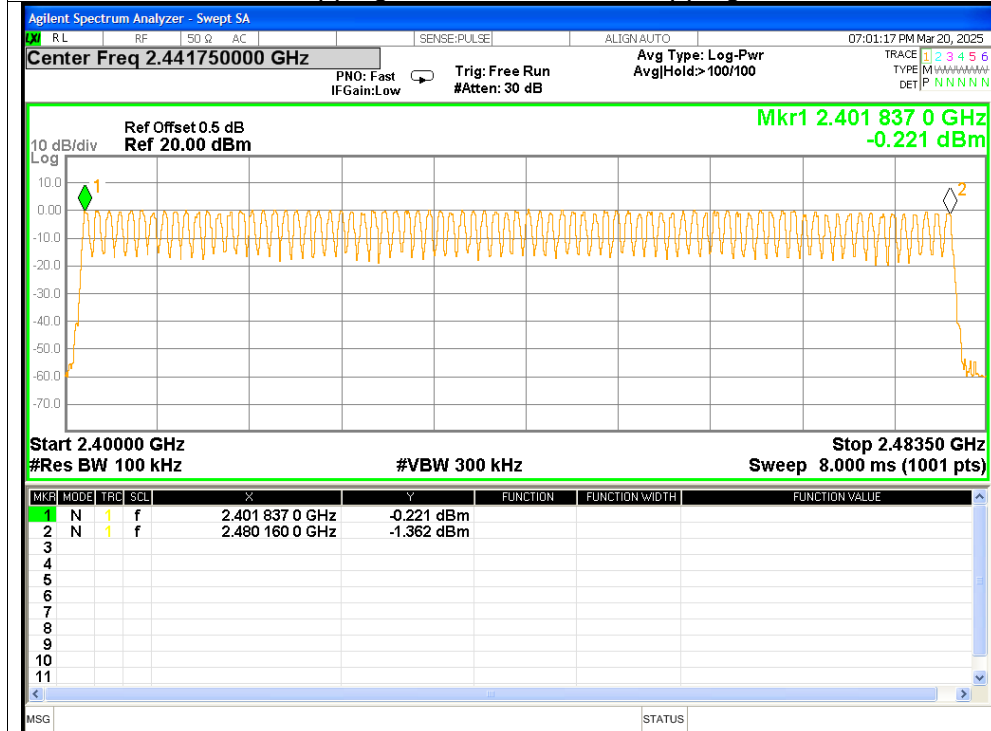
## 5. Number of Hopping Channel

| 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    |

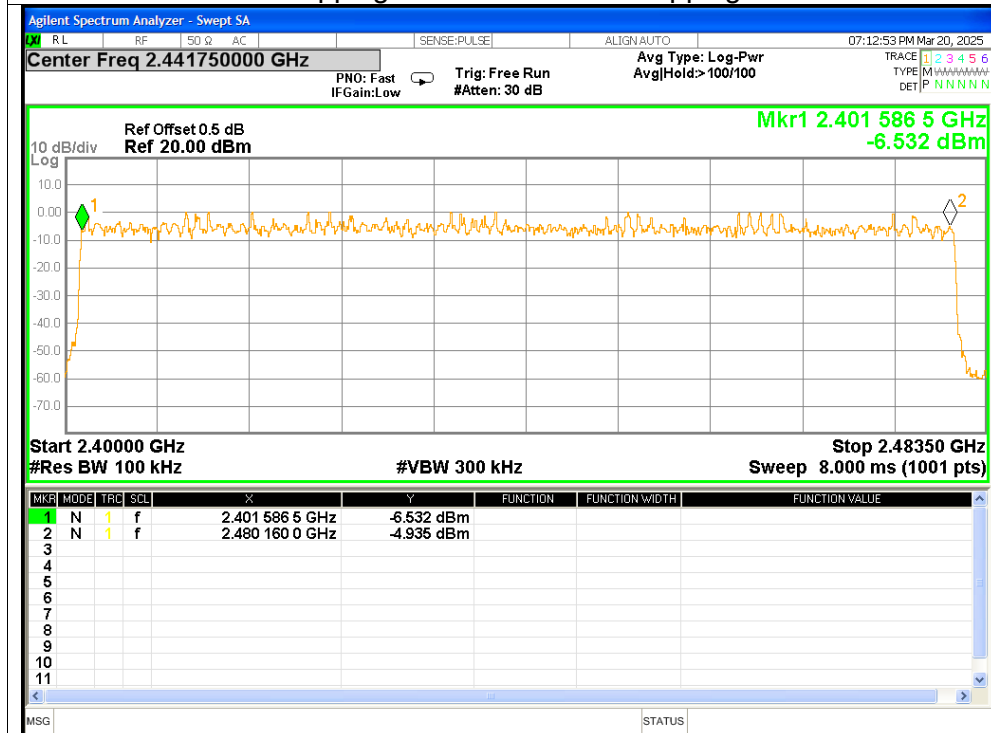


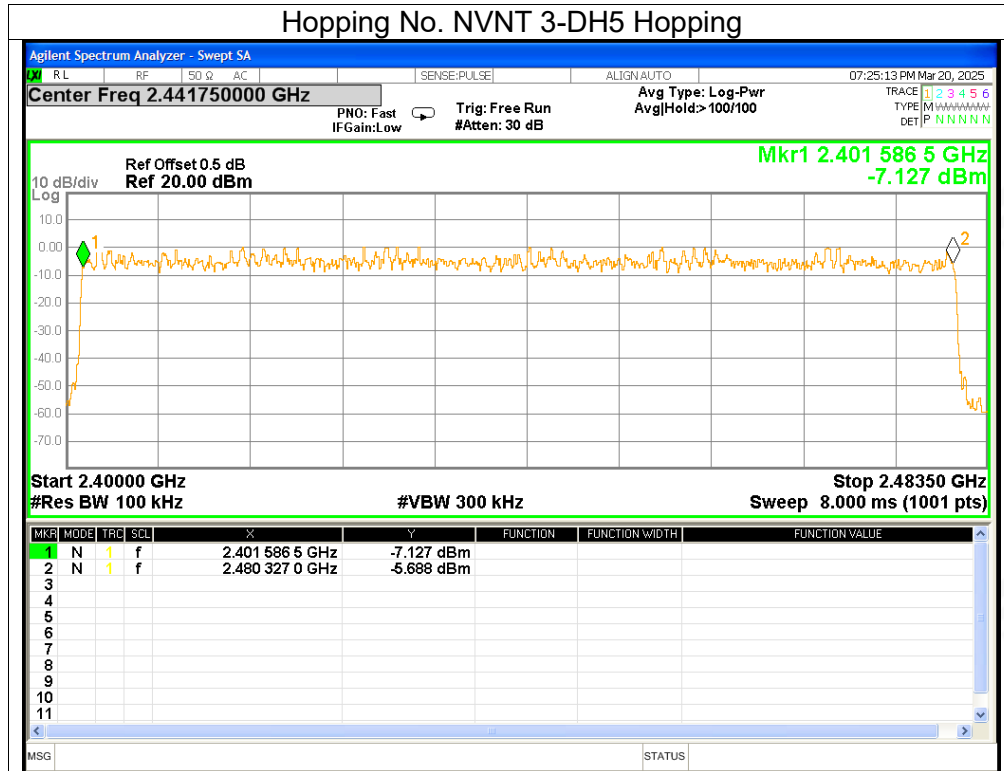
### Test Graphs

#### Hopping No. NVNT 1-DH5 Hopping



#### Hopping No. NVNT 2-DH5 Hopping

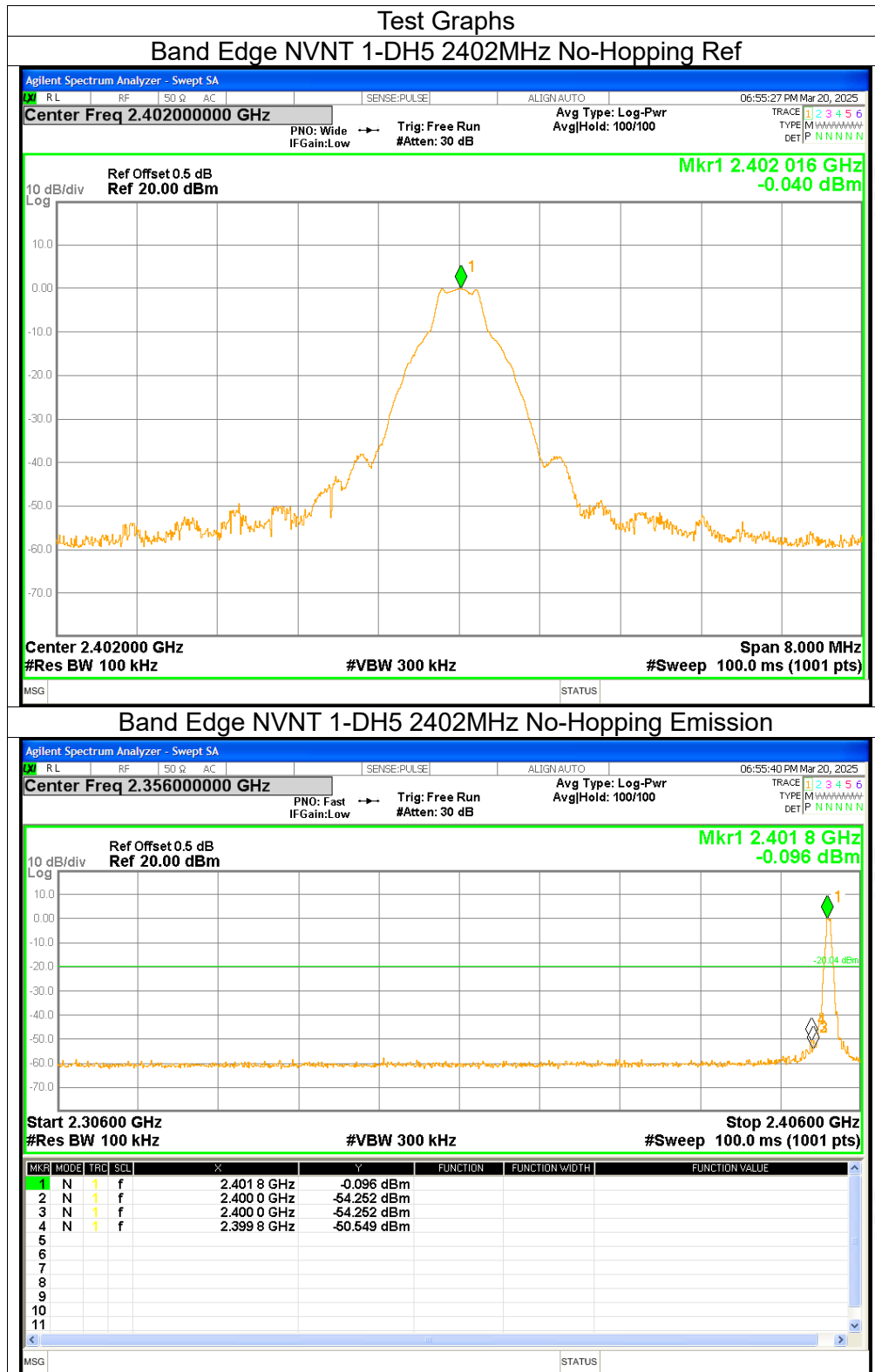


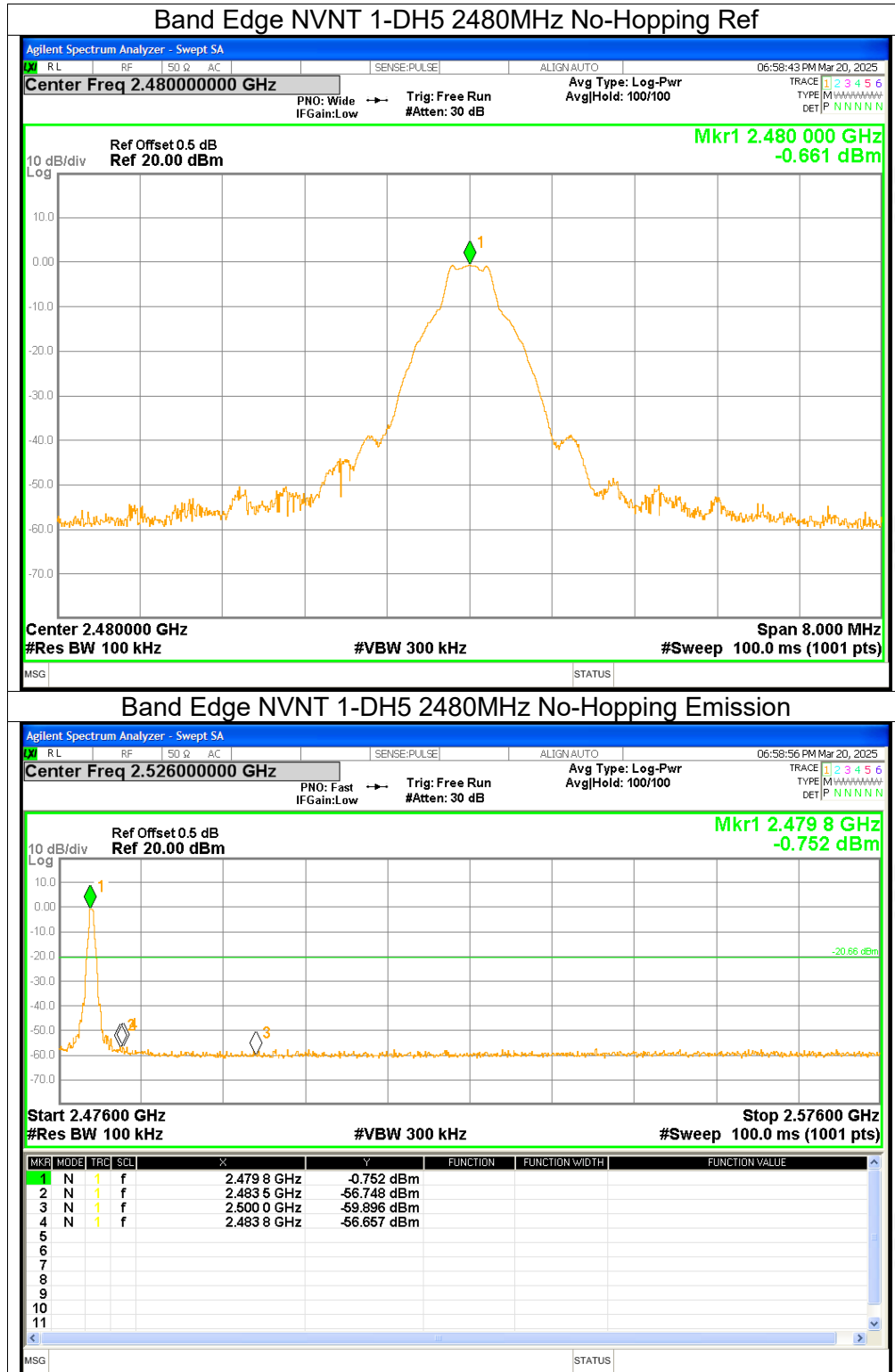


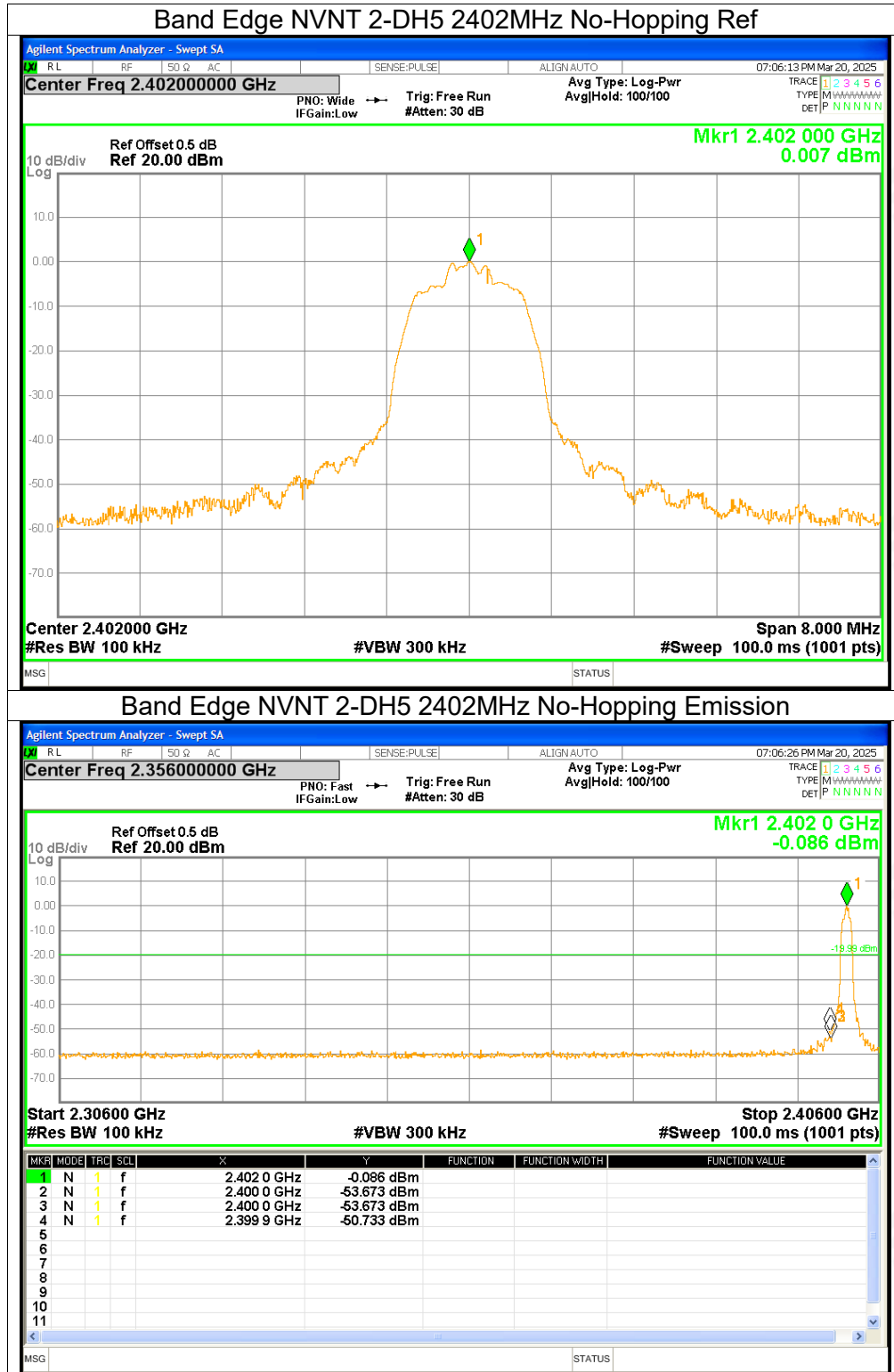


## 6. Band Edge

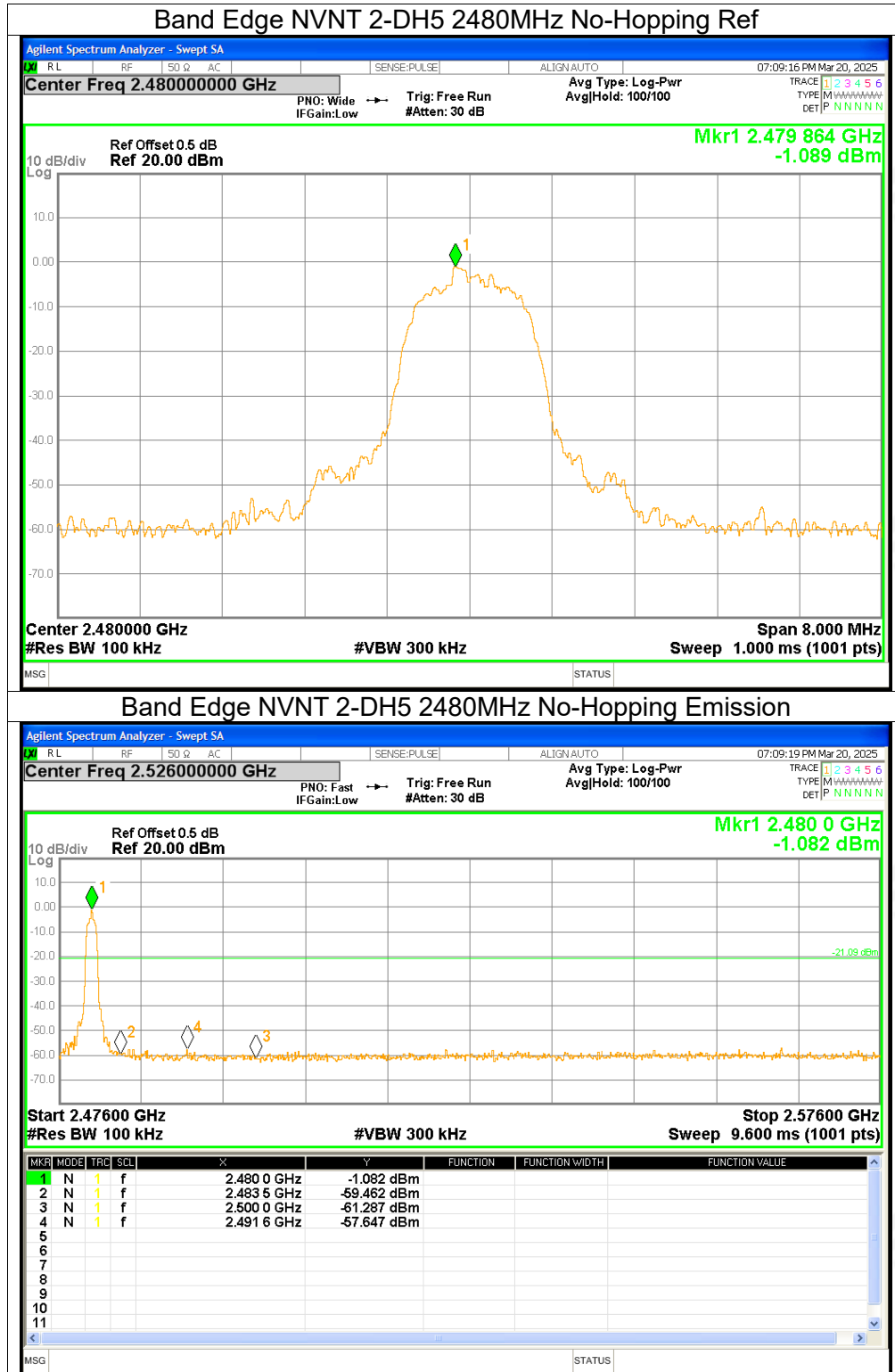
| Condition | Mode  | Frequency (MHz) | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | No-Hopping   | -50.5           | $\leq -20$  | Pass    |
| NVNT      | 1-DH5 | 2480            | No-Hopping   | -55.99          | $\leq -20$  | Pass    |
| NVNT      | 2-DH5 | 2402            | No-Hopping   | -50.74          | $\leq -20$  | Pass    |
| NVNT      | 2-DH5 | 2480            | No-Hopping   | -56.55          | $\leq -20$  | Pass    |
| NVNT      | 3-DH5 | 2402            | No-Hopping   | -50.35          | $\leq -20$  | Pass    |
| NVNT      | 3-DH5 | 2480            | No-Hopping   | -57.57          | $\leq -20$  | Pass    |

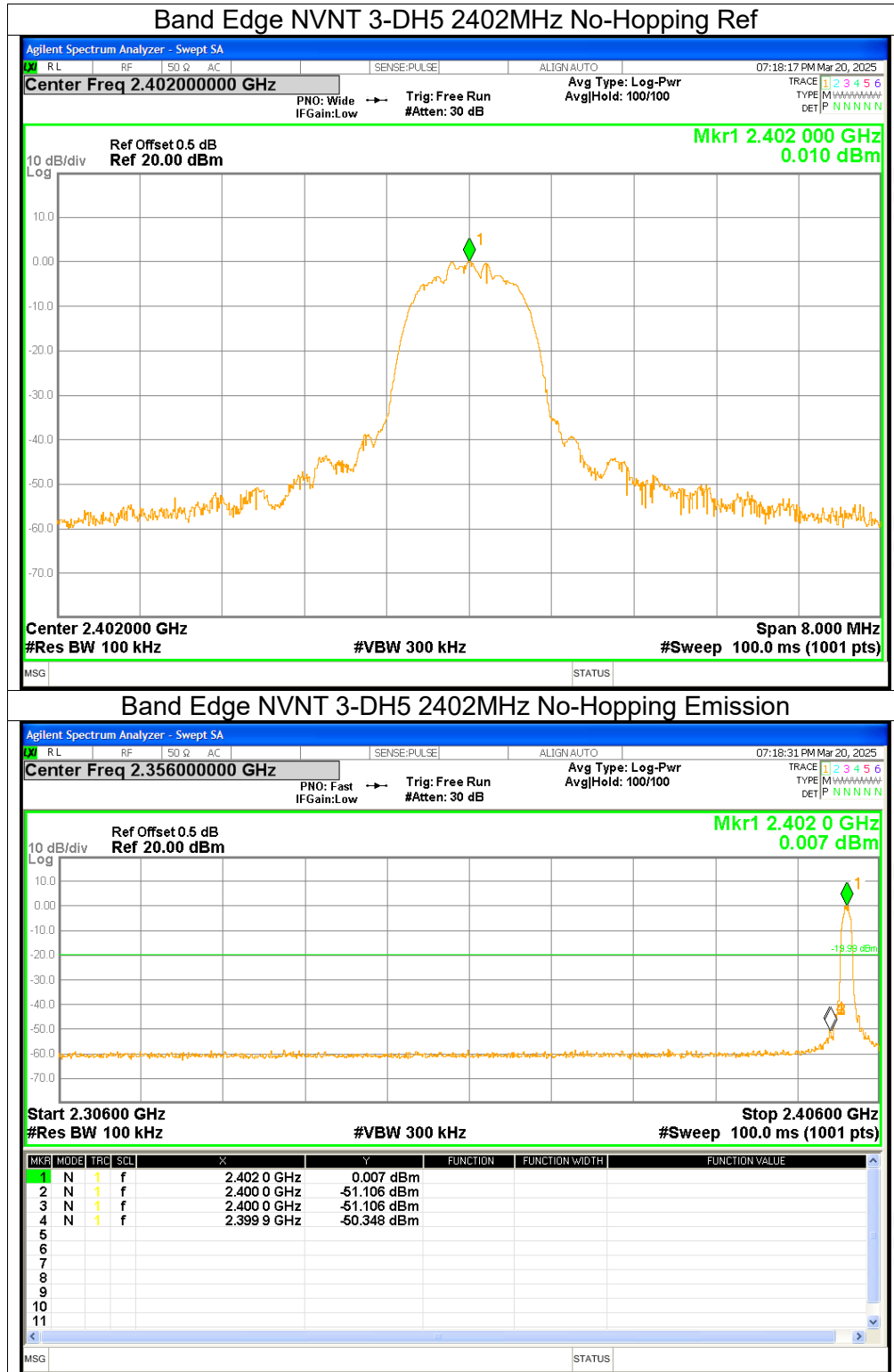


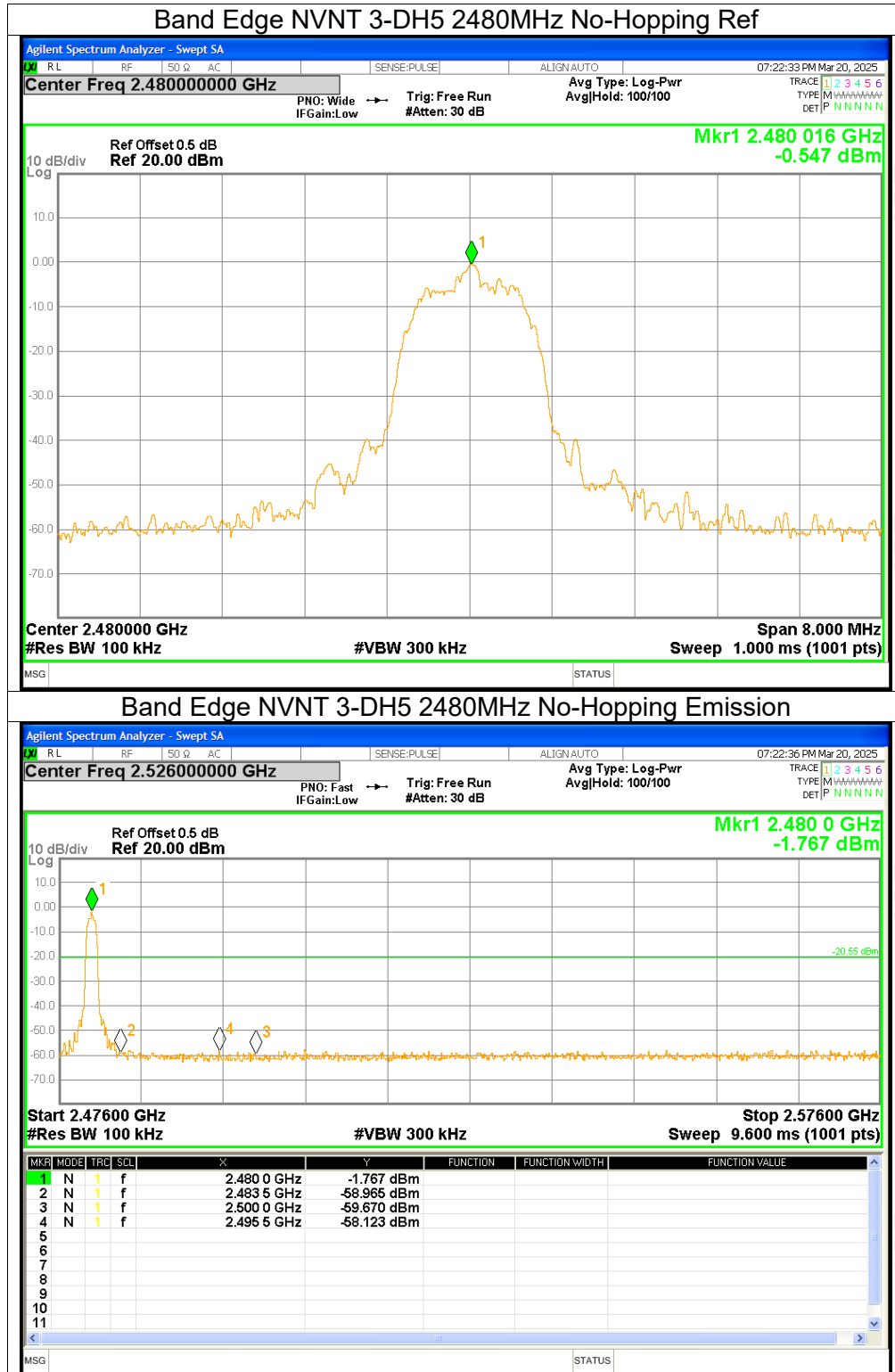








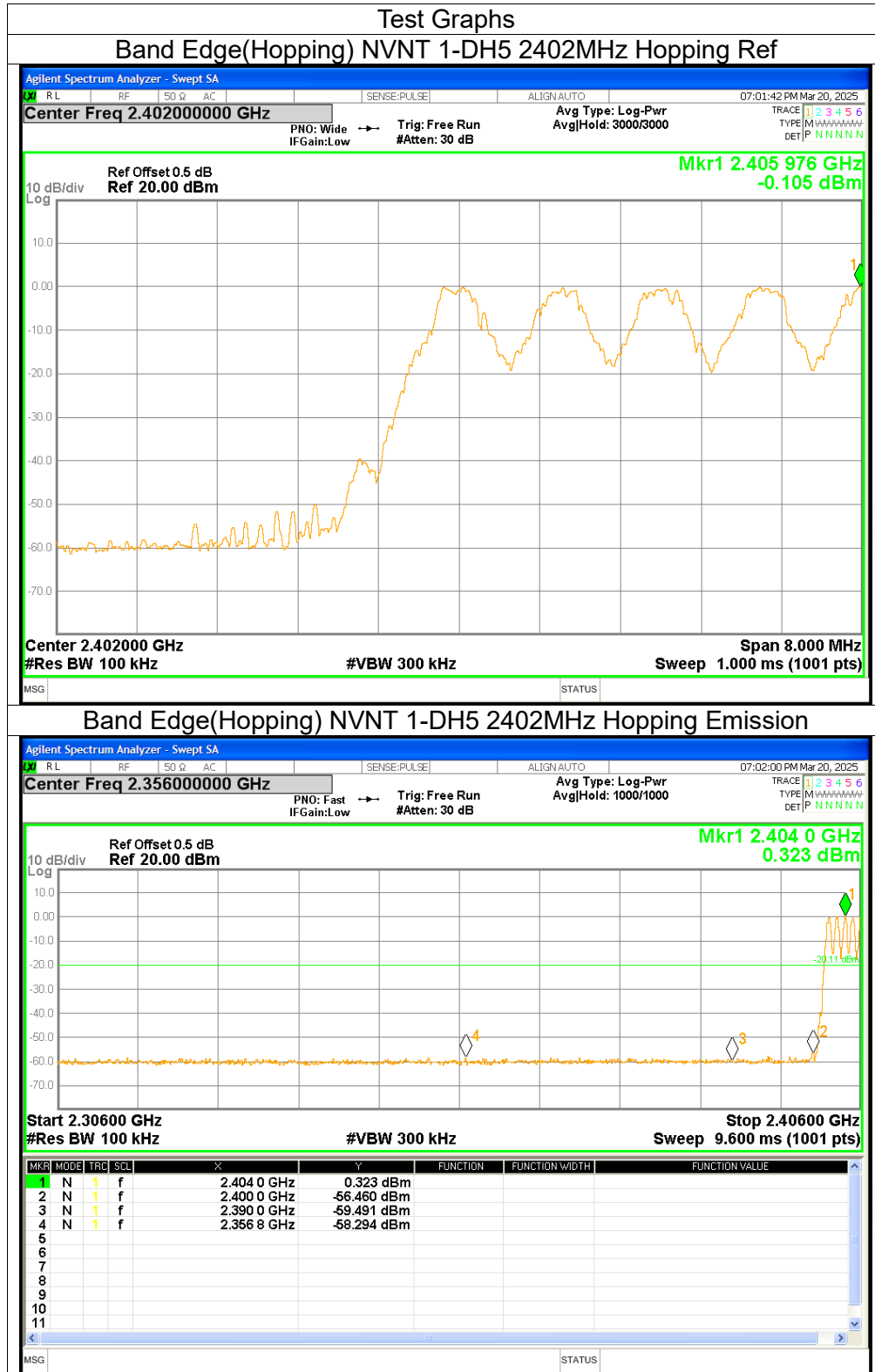


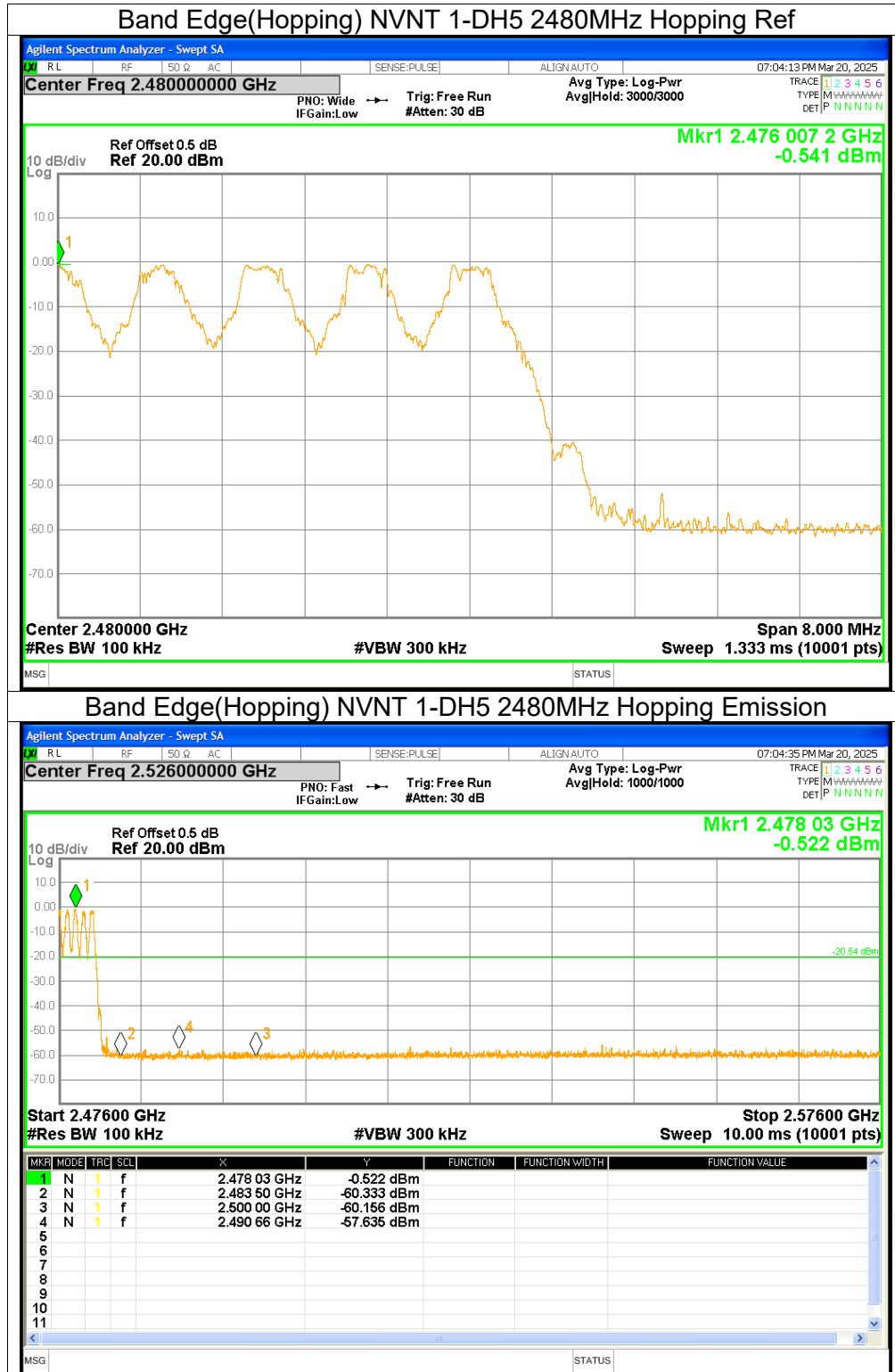


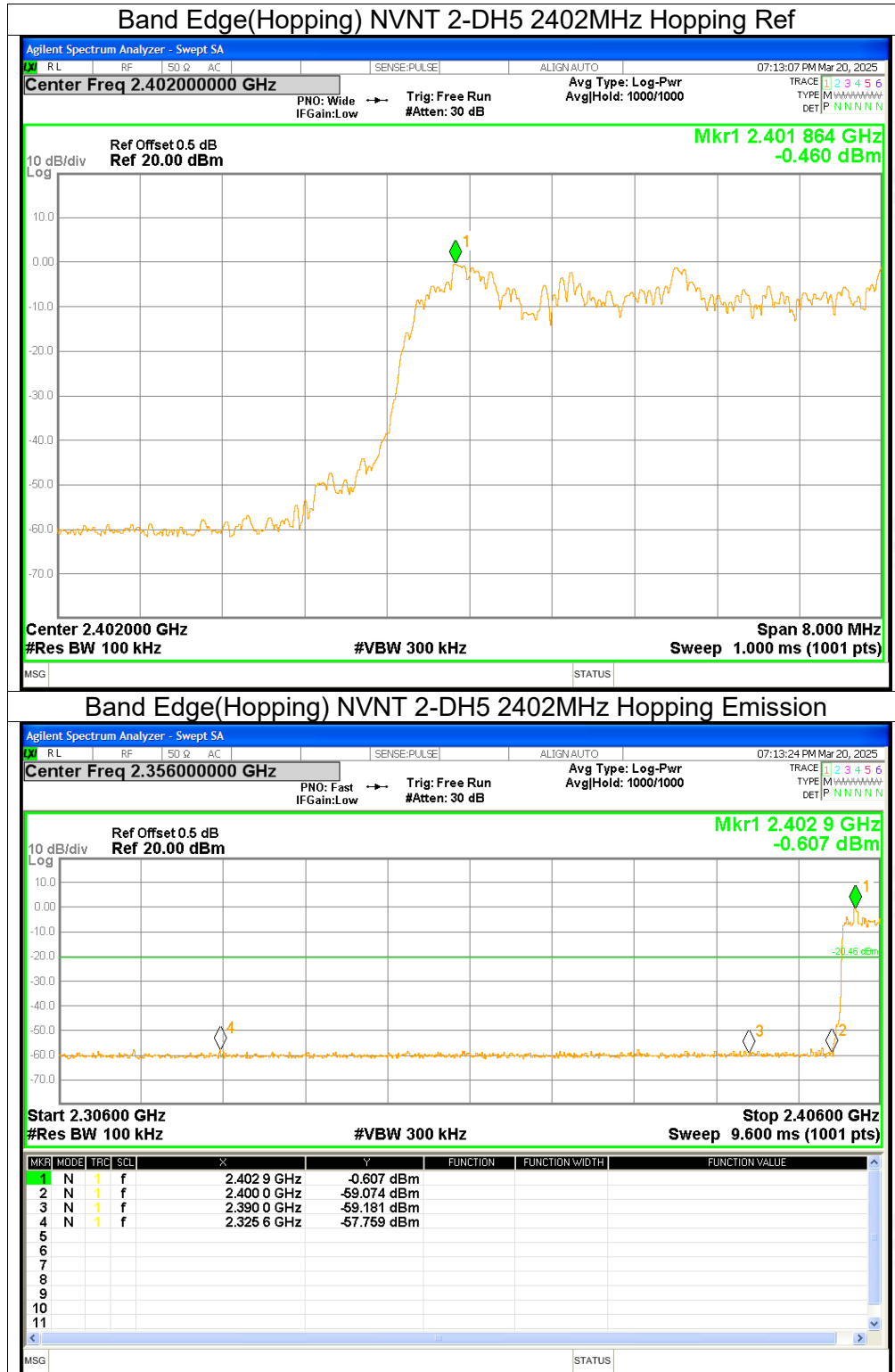


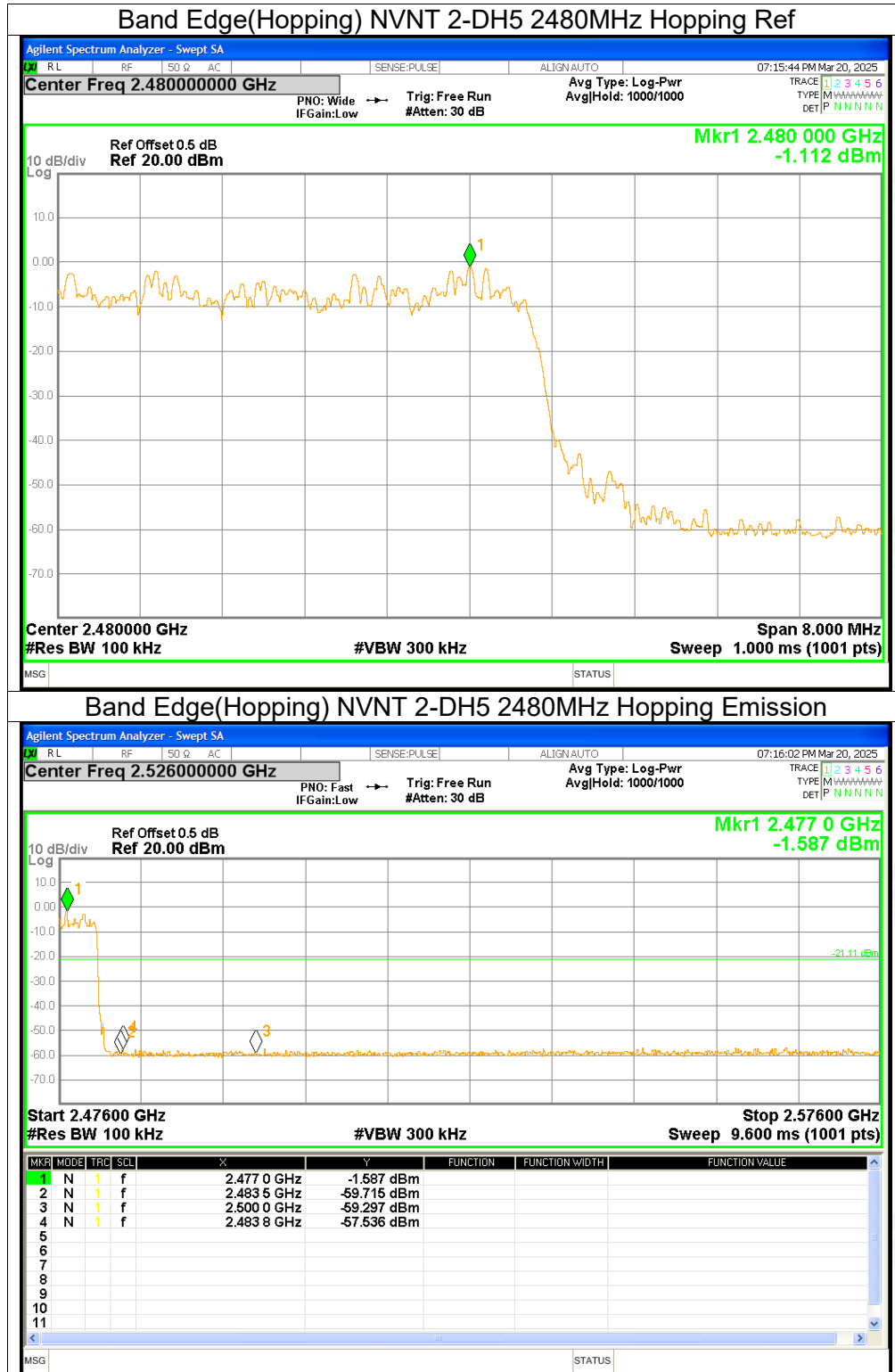
## 7. Band Edge(Hopping)

| Condition | Mode  | Frequency (MHz) | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Hopping      | -58.19          | $\leq -20$  | Pass    |
| NVNT      | 1-DH5 | 2480            | Hopping      | -57.09          | $\leq -20$  | Pass    |
| NVNT      | 2-DH5 | 2402            | Hopping      | -57.29          | $\leq -20$  | Pass    |
| NVNT      | 2-DH5 | 2480            | Hopping      | -56.42          | $\leq -20$  | Pass    |
| NVNT      | 3-DH5 | 2402            | Hopping      | -66.65          | $\leq -20$  | Pass    |
| NVNT      | 3-DH5 | 2480            | Hopping      | -57.07          | $\leq -20$  | Pass    |

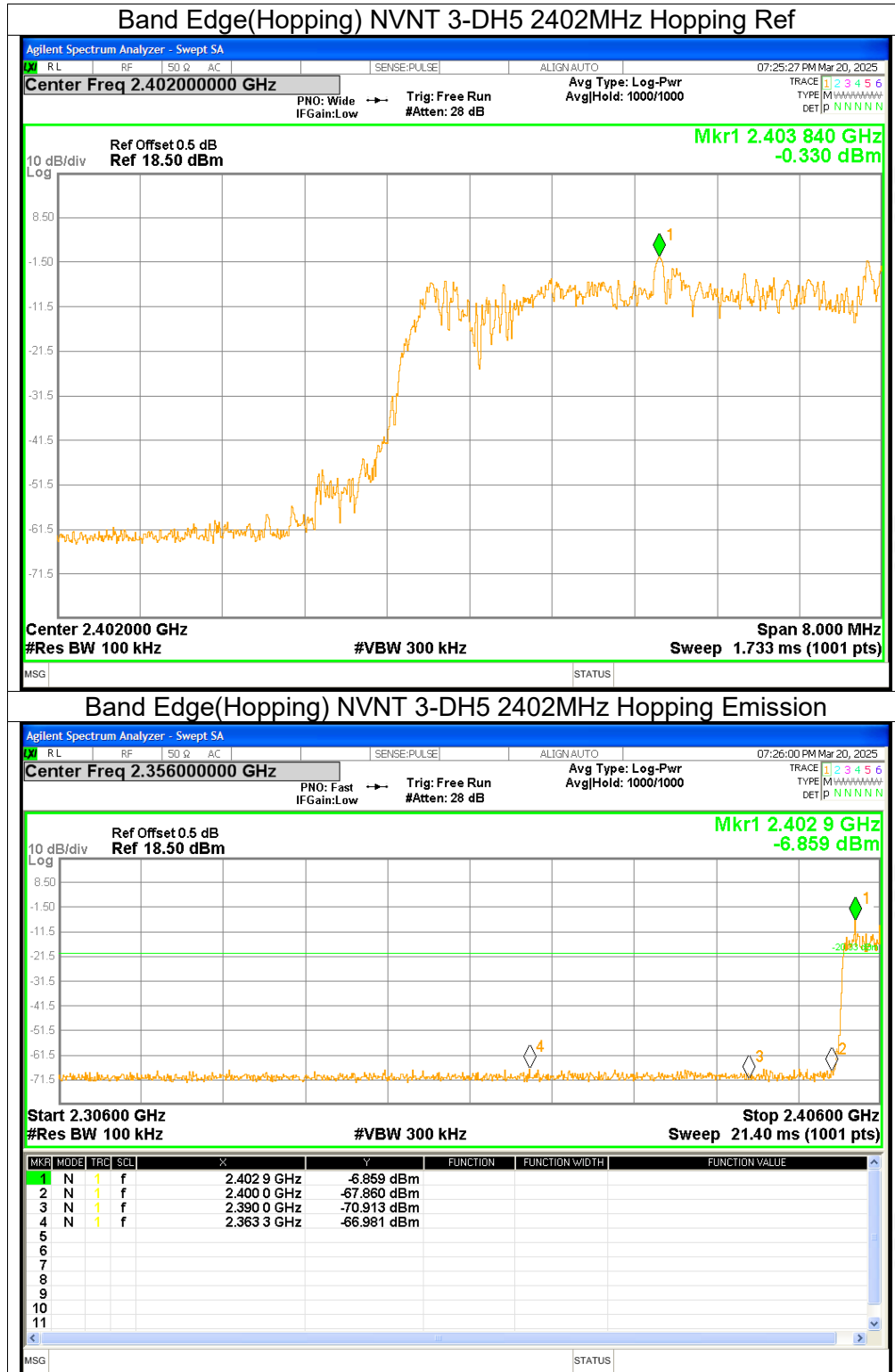


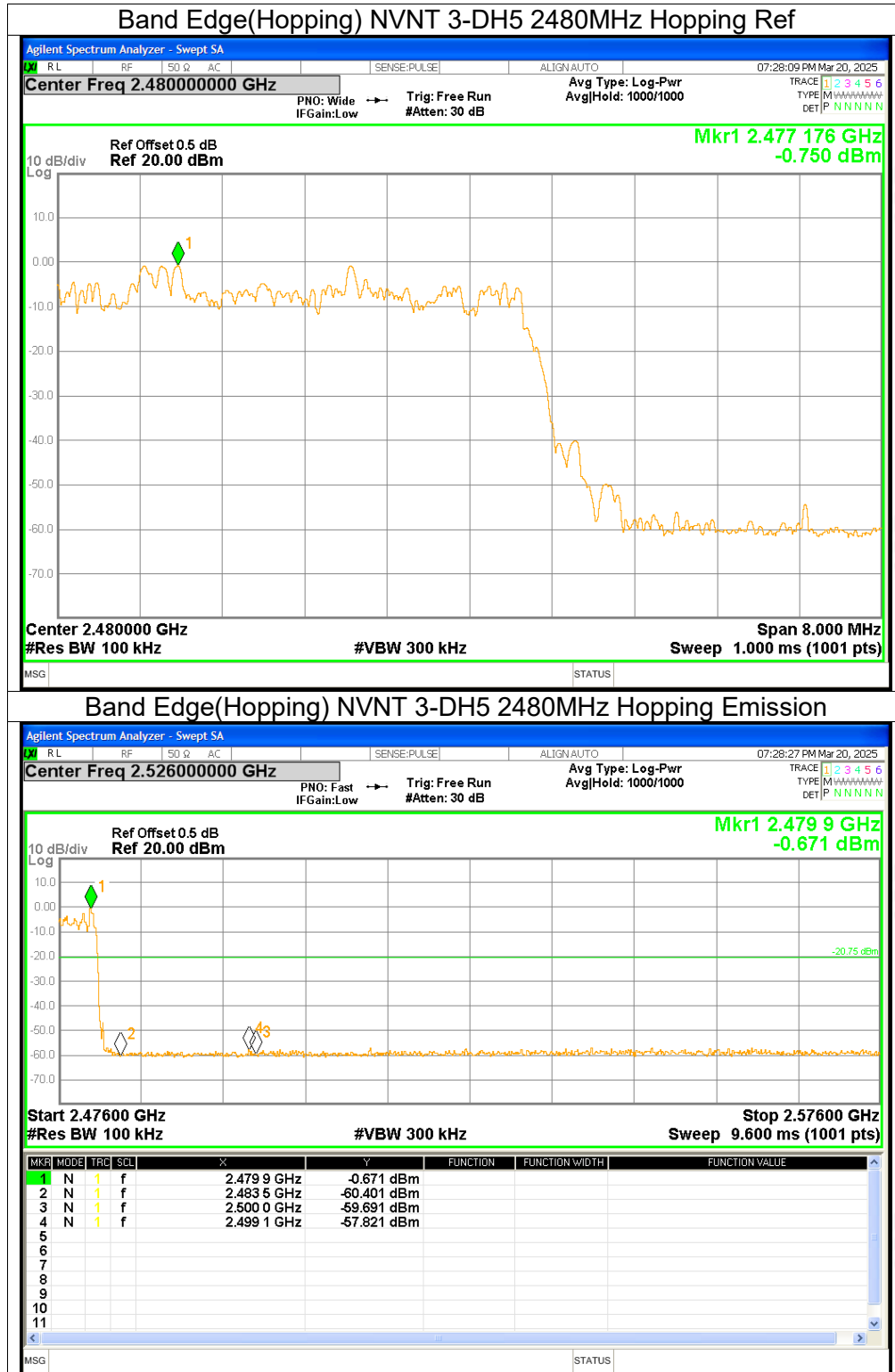








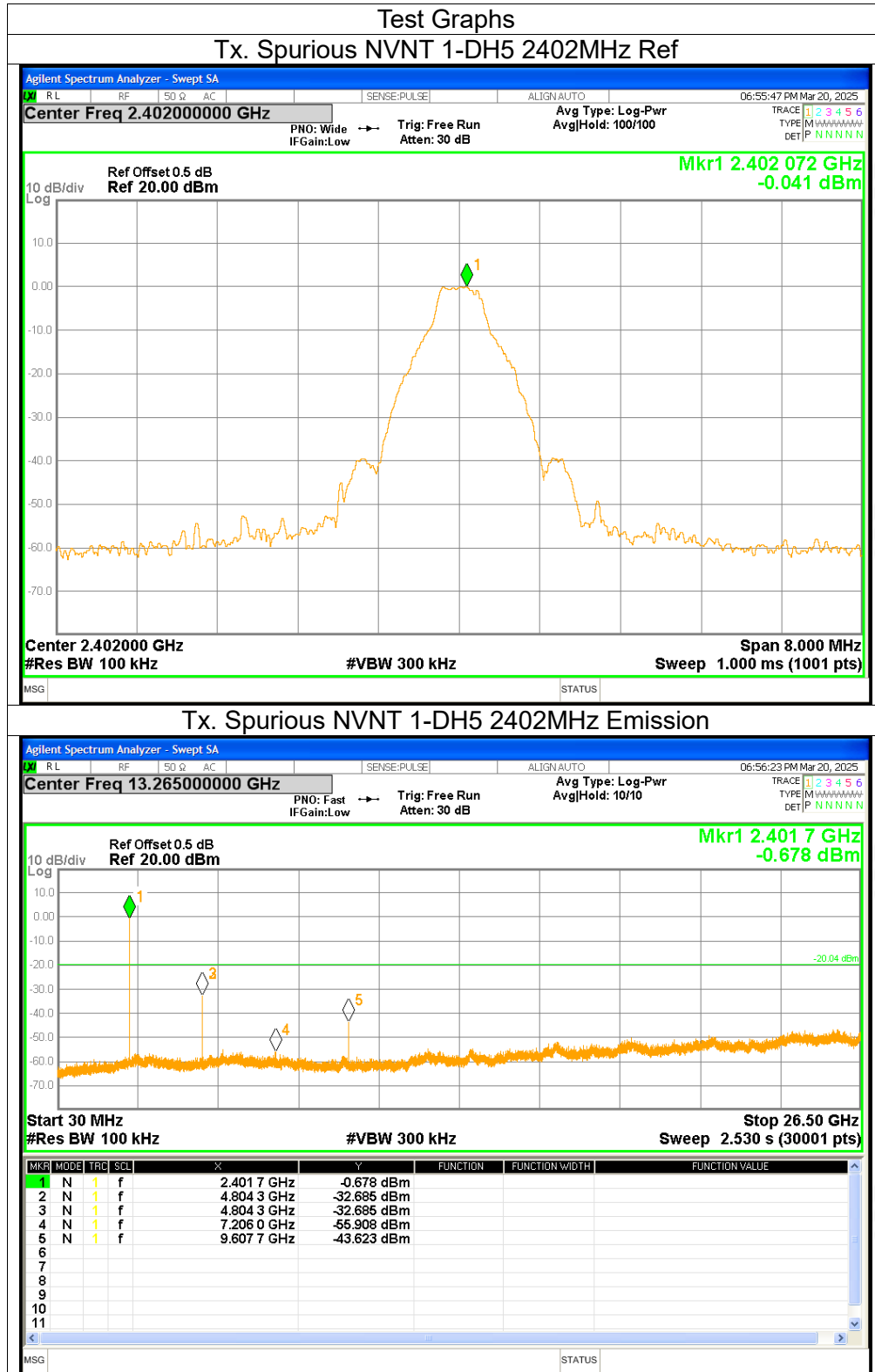






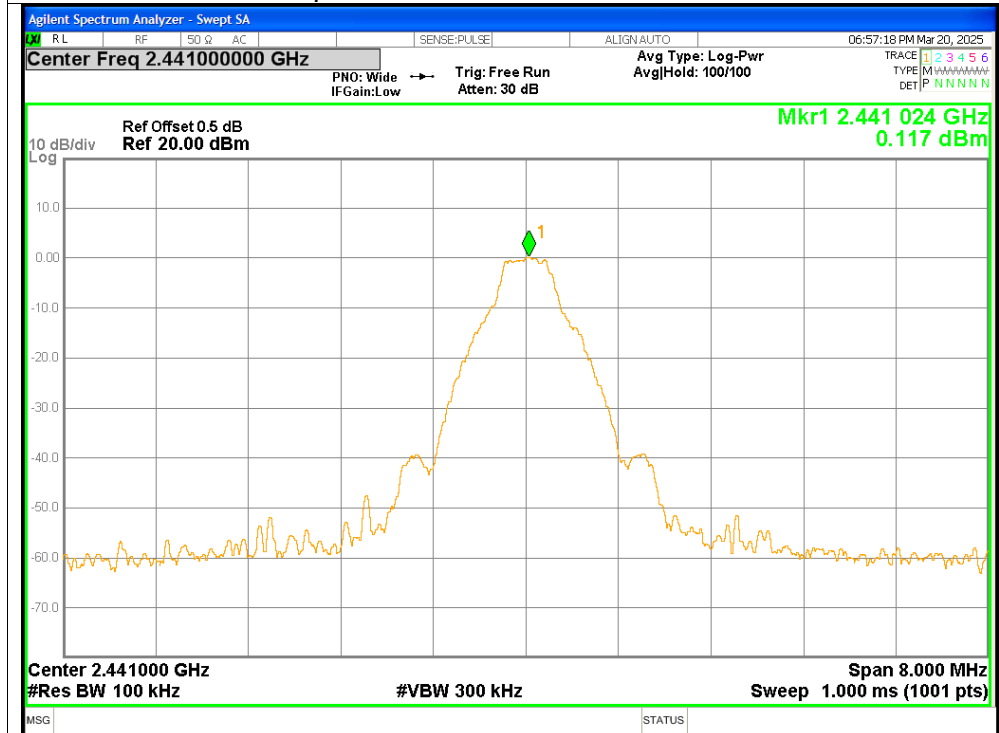
## 8. Conducted RF Spurious Emission

| Condition | Mode  | Frequency (MHz) | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | -32.64          | <=-20       | Pass    |
| NVNT      | 1-DH5 | 2441            | -34.72          | <=-20       | Pass    |
| NVNT      | 1-DH5 | 2480            | -33.12          | <=-20       | Pass    |
| NVNT      | 2-DH5 | 2402            | -33.79          | <=-20       | Pass    |
| NVNT      | 2-DH5 | 2441            | -39.01          | <=-20       | Pass    |
| NVNT      | 2-DH5 | 2480            | -39.66          | <=-20       | Pass    |
| NVNT      | 3-DH5 | 2402            | -36.12          | <=-20       | Pass    |
| NVNT      | 3-DH5 | 2441            | -32.73          | <=-20       | Pass    |
| NVNT      | 3-DH5 | 2480            | -35.04          | <=-20       | Pass    |

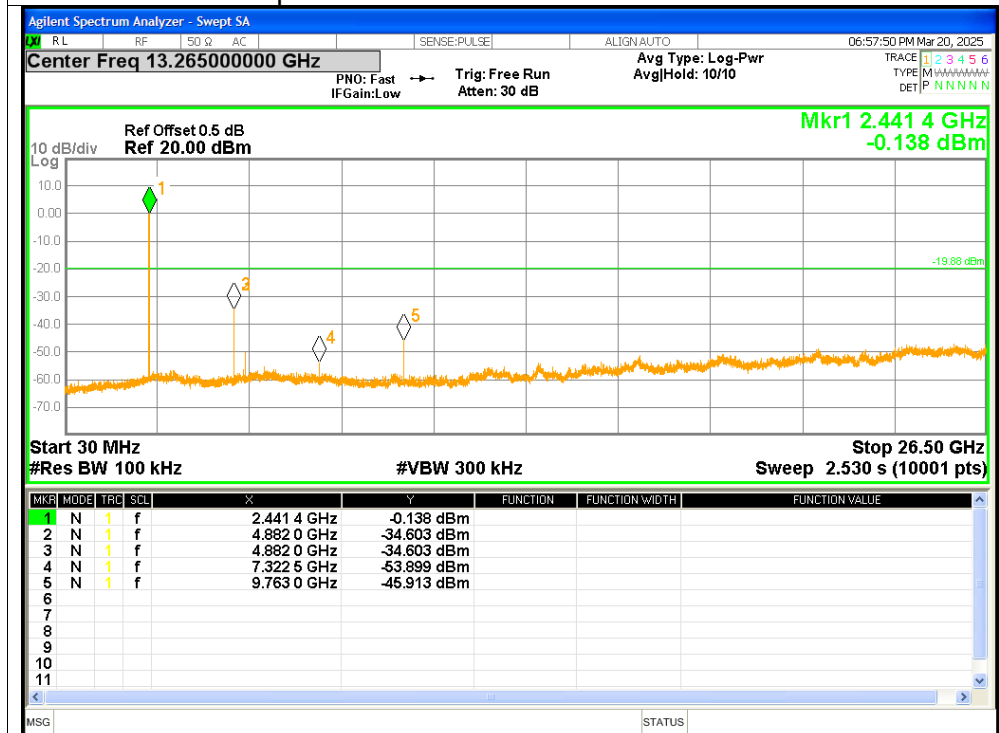




## Tx. Spurious NVNT 1-DH5 2441MHz Ref

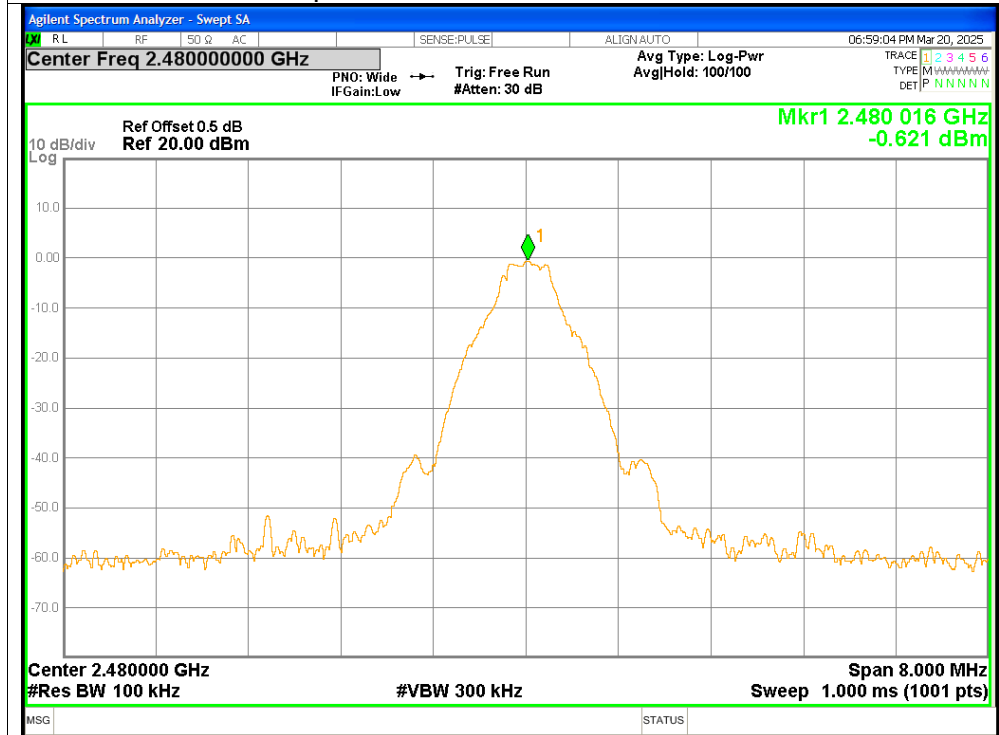


## Tx. Spurious NVNT 1-DH5 2441MHz Emission

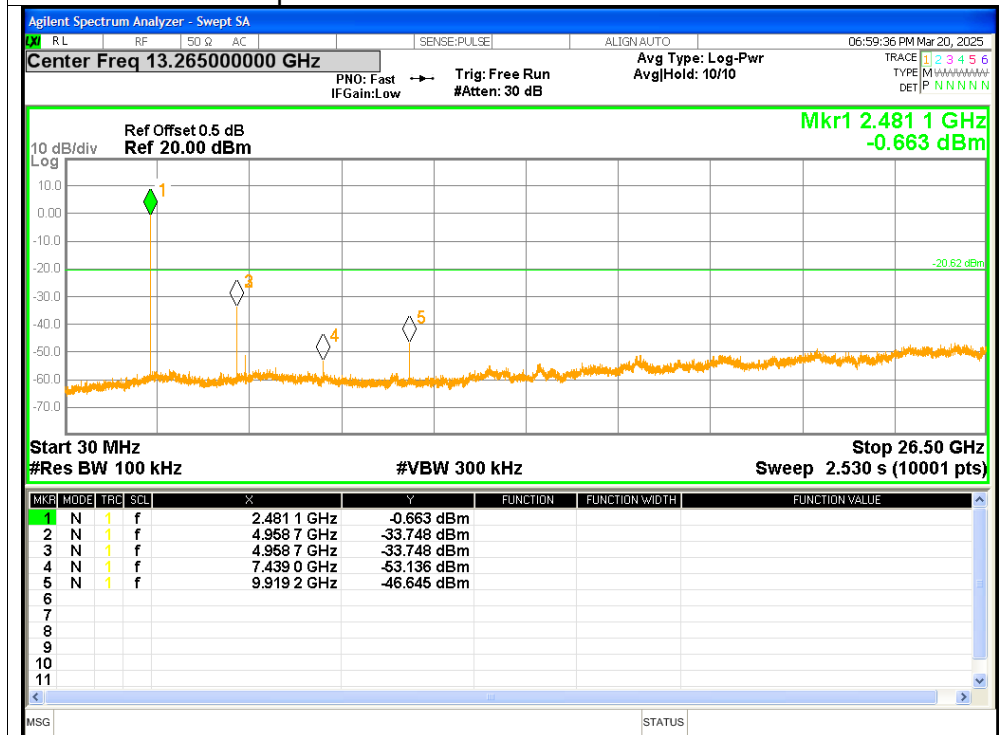




## Tx. Spurious NVNT 1-DH5 2480MHz Ref

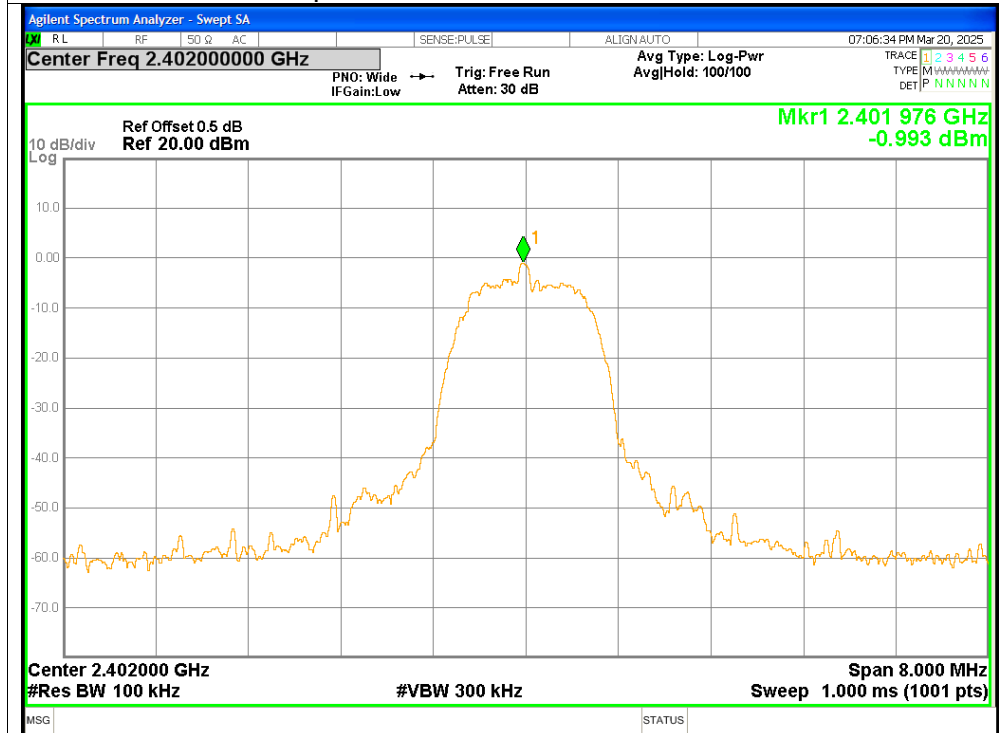


## Tx. Spurious NVNT 1-DH5 2480MHz Emission

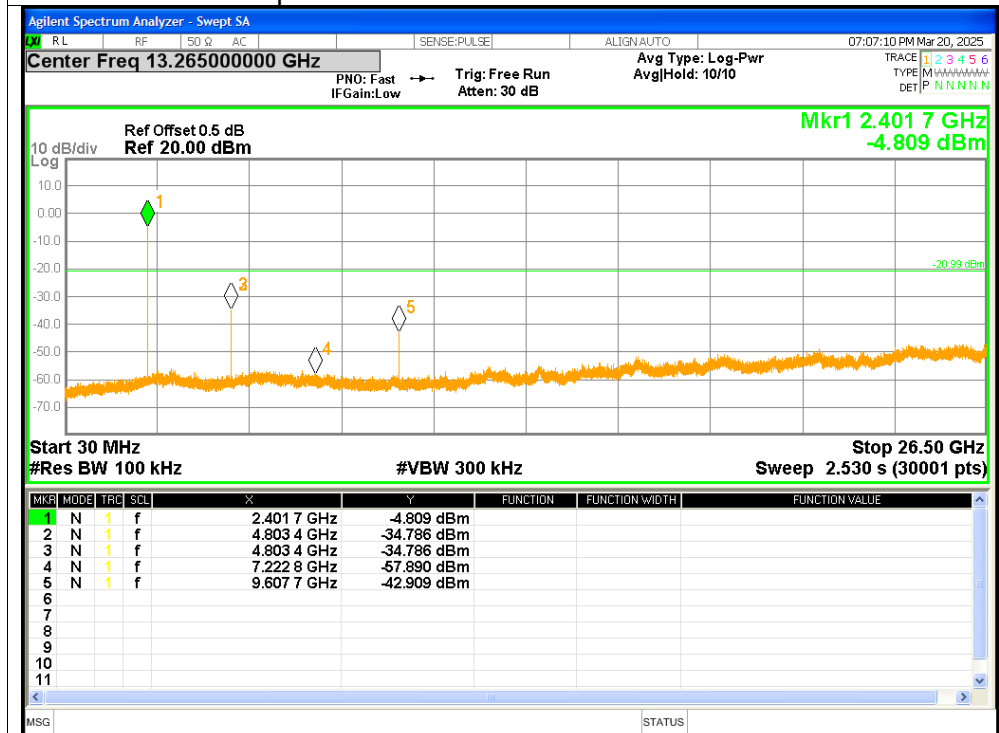




## Tx. Spurious NVNT 2-DH5 2402MHz Ref

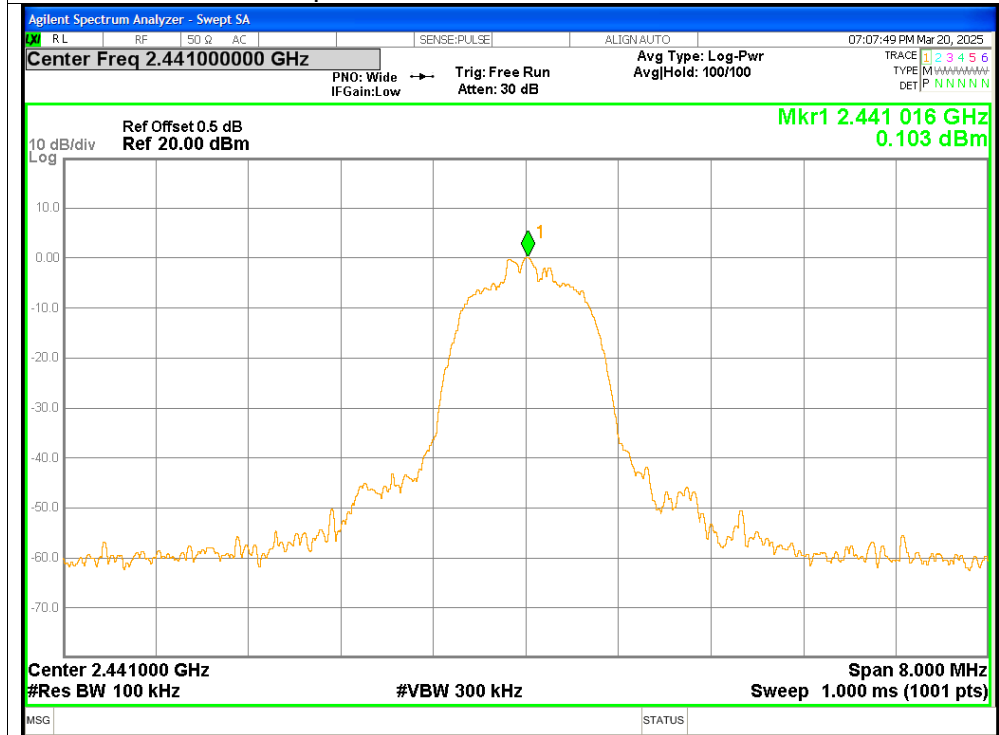


## Tx. Spurious NVNT 2-DH5 2402MHz Emission

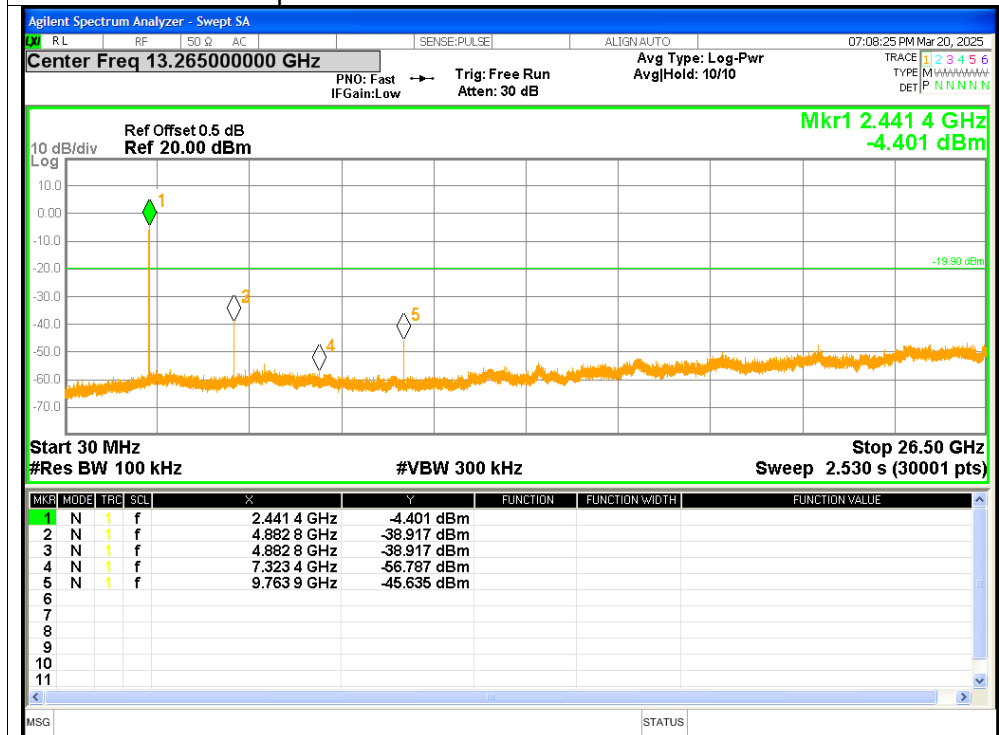




## Tx. Spurious NVNT 2-DH5 2441MHz Ref



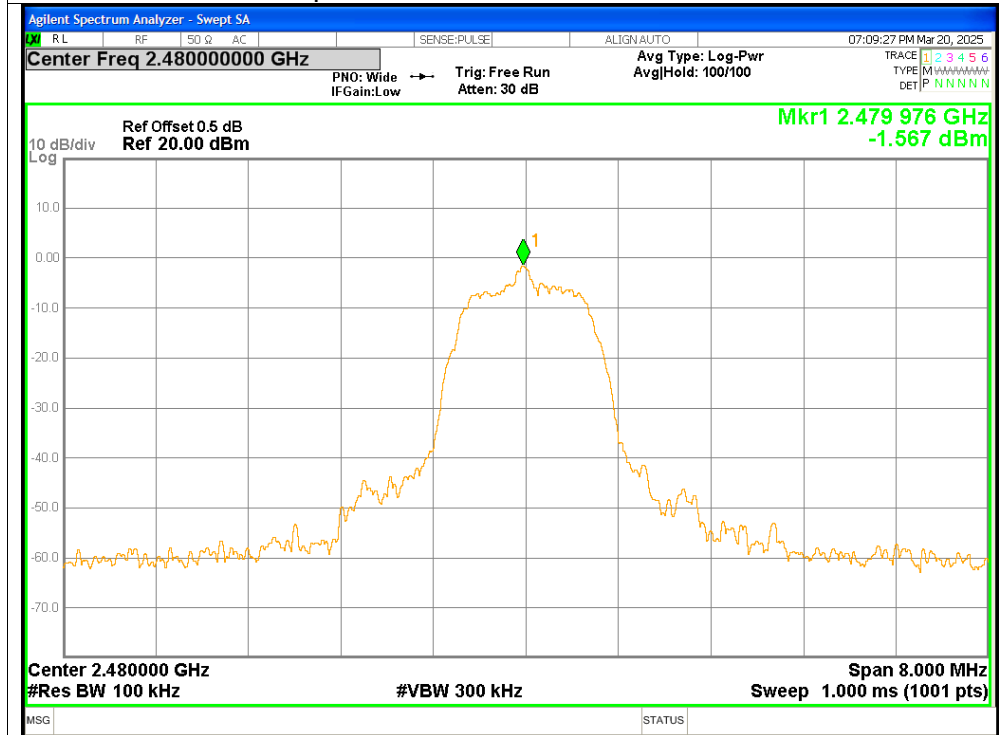
## Tx. Spurious NVNT 2-DH5 2441MHz Emission



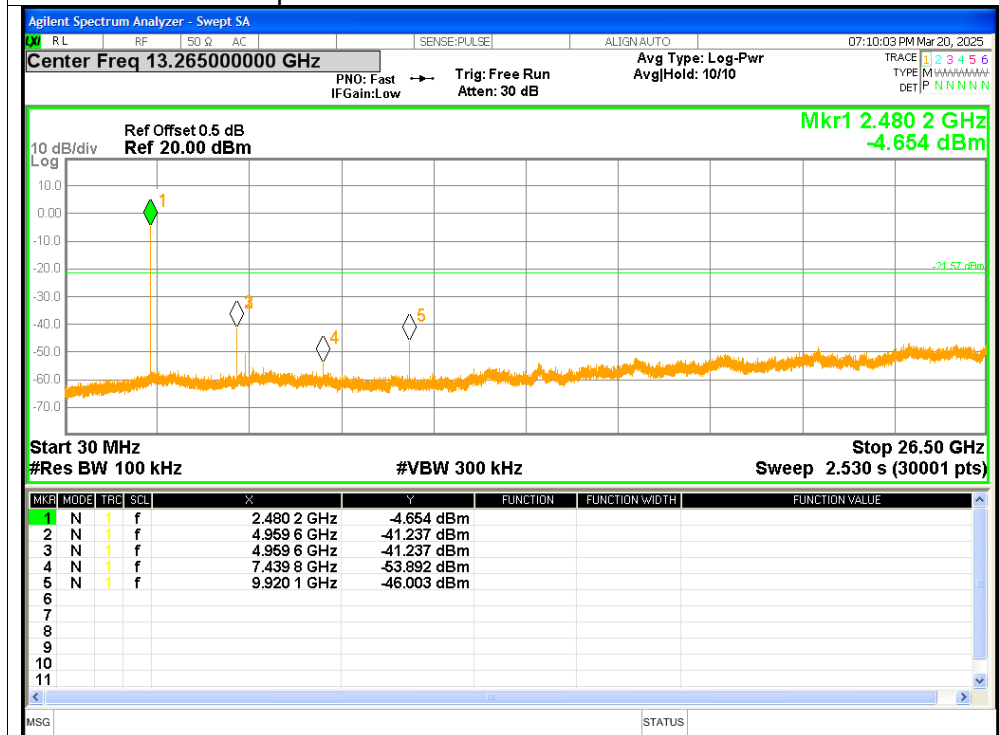




## Tx. Spurious NVNT 2-DH5 2480MHz Ref



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

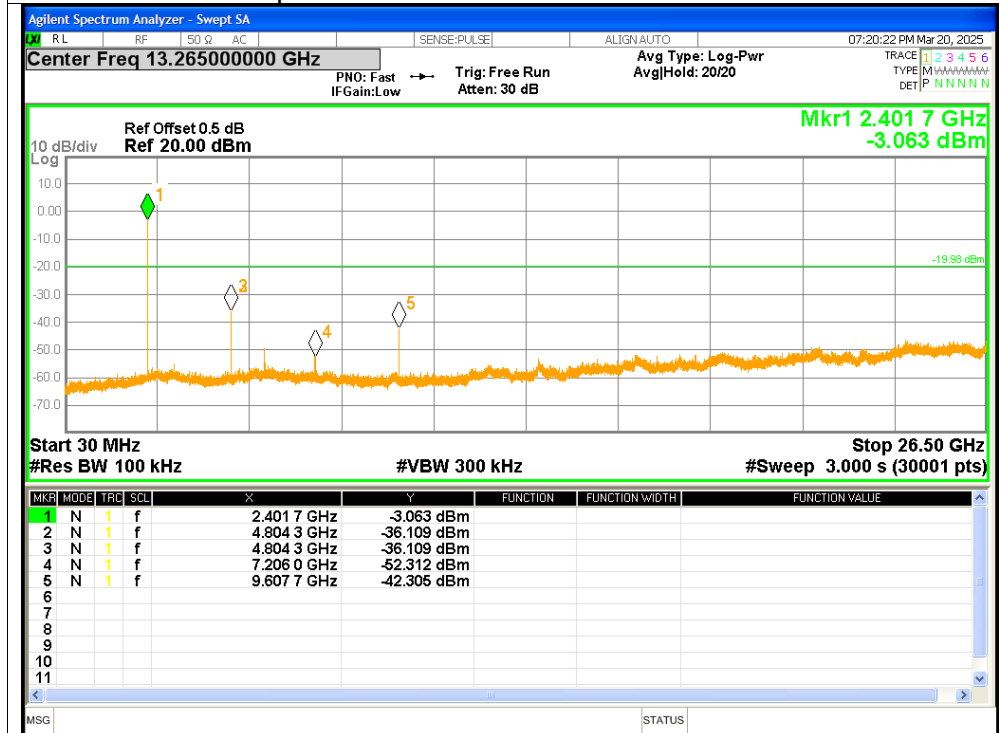




## Tx. Spurious NVNT 3-DH5 2402MHz Ref

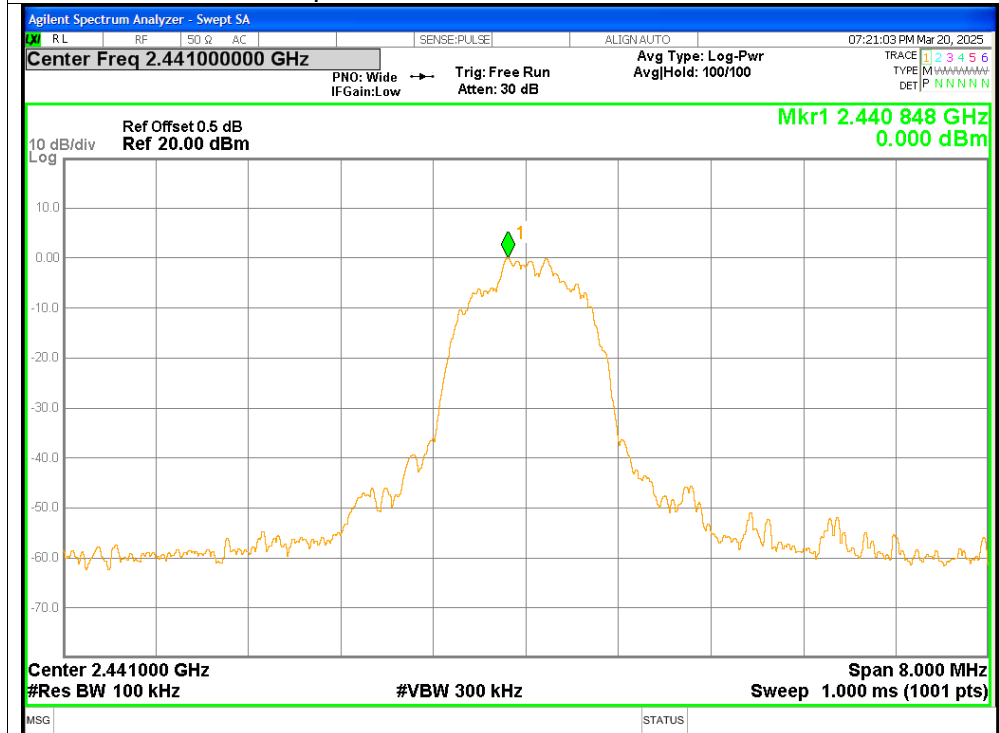


## Tx. Spurious NVNT 3-DH5 2402MHz Emission

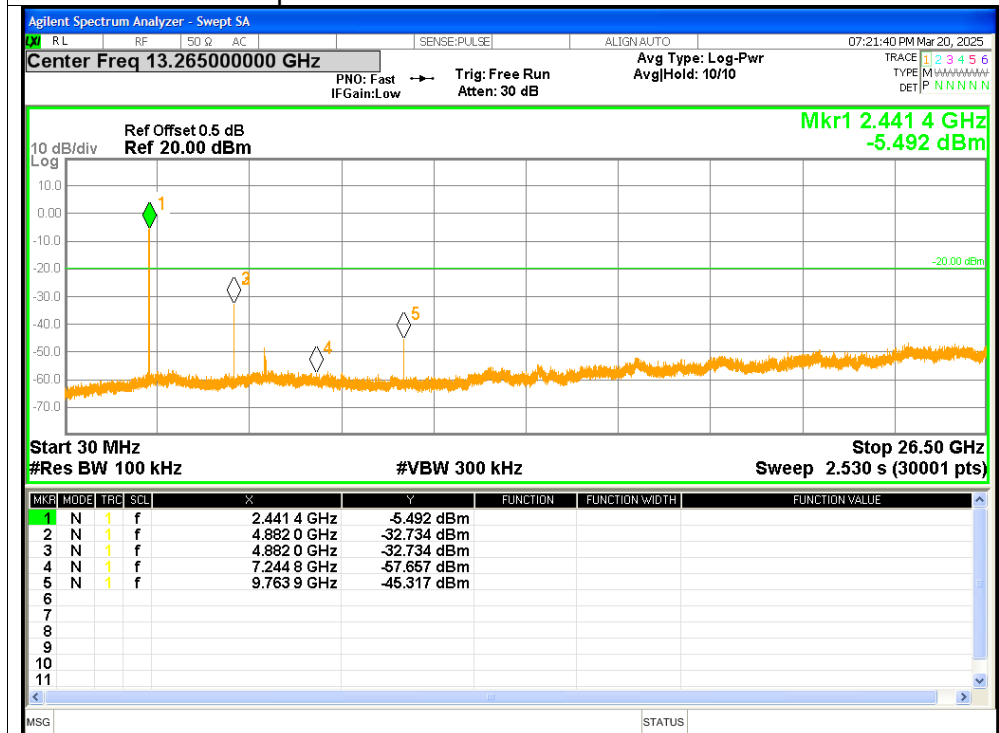




## Tx. Spurious NVNT 3-DH5 2441MHz Ref

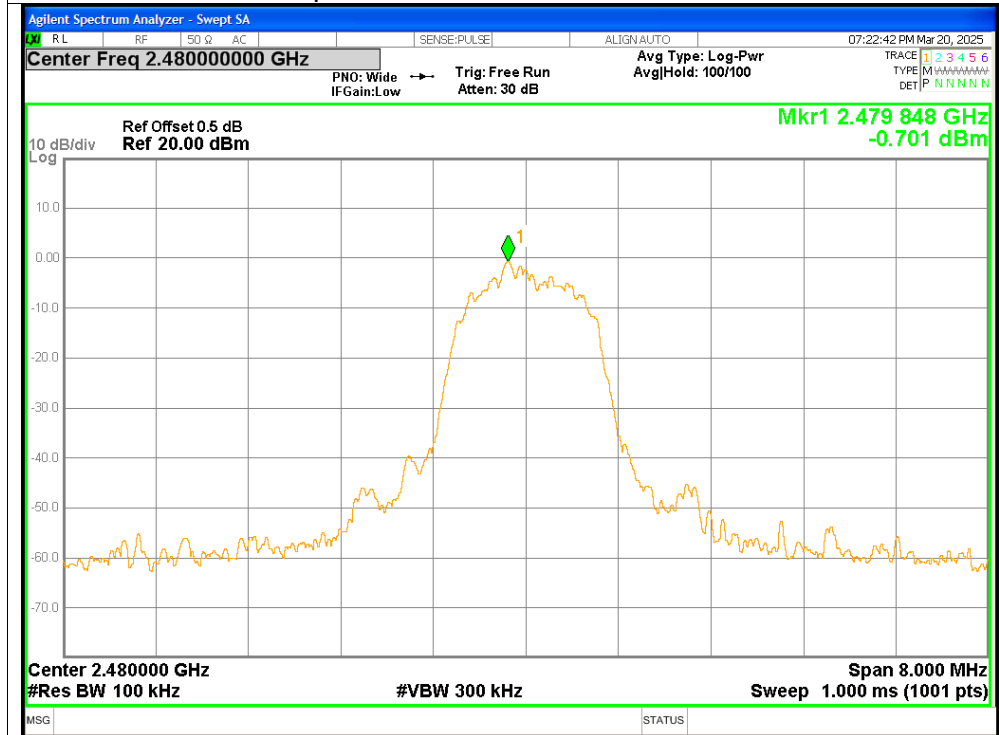


## Tx. Spurious NVNT 3-DH5 2441MHz Emission

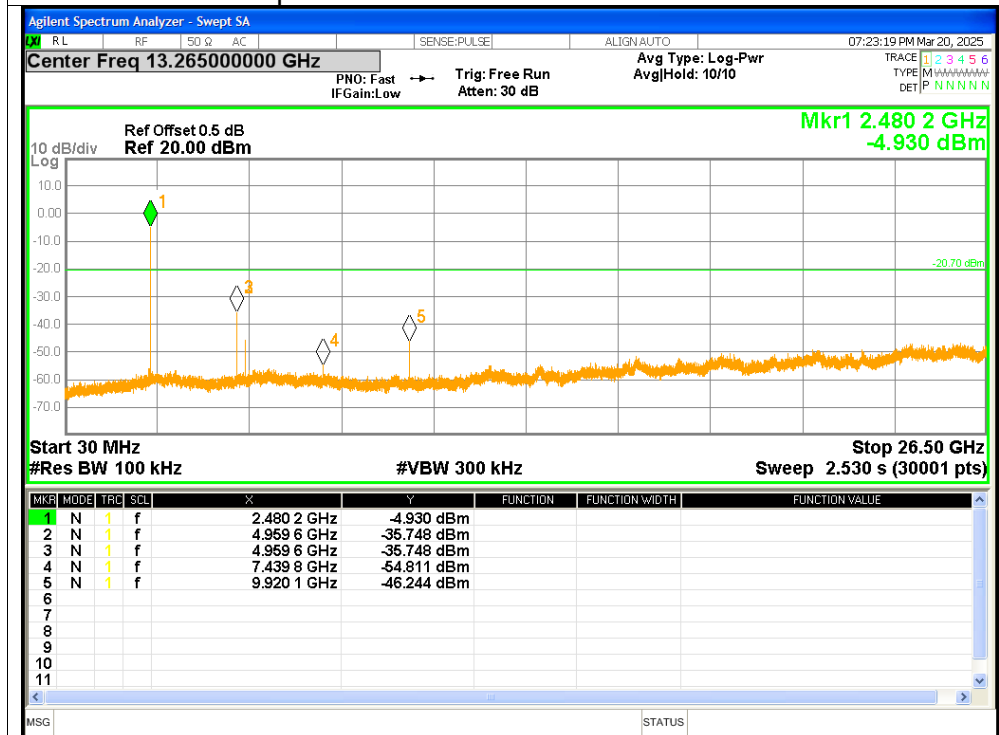




## Tx. Spurious NVNT 3-DH5 2480MHz Ref



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