

## Appendix D\_BR EDR

### Maximum Conducted Output Power

| Condition | Mode  | Frequency (MHz) | Antenna | Conducted Power (dBm) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------------|-------------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 4.17                  | 4.17              | 21          | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 3.39                  | 3.39              | 21          | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 2.96                  | 2.96              | 21          | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 3.42                  | 3.42              | 21          | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | 3.21                  | 3.21              | 21          | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 2.33                  | 2.33              | 21          | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 3.46                  | 3.46              | 21          | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | 3.14                  | 3.14              | 21          | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 2.29                  | 2.29              | 21          | Pass    |

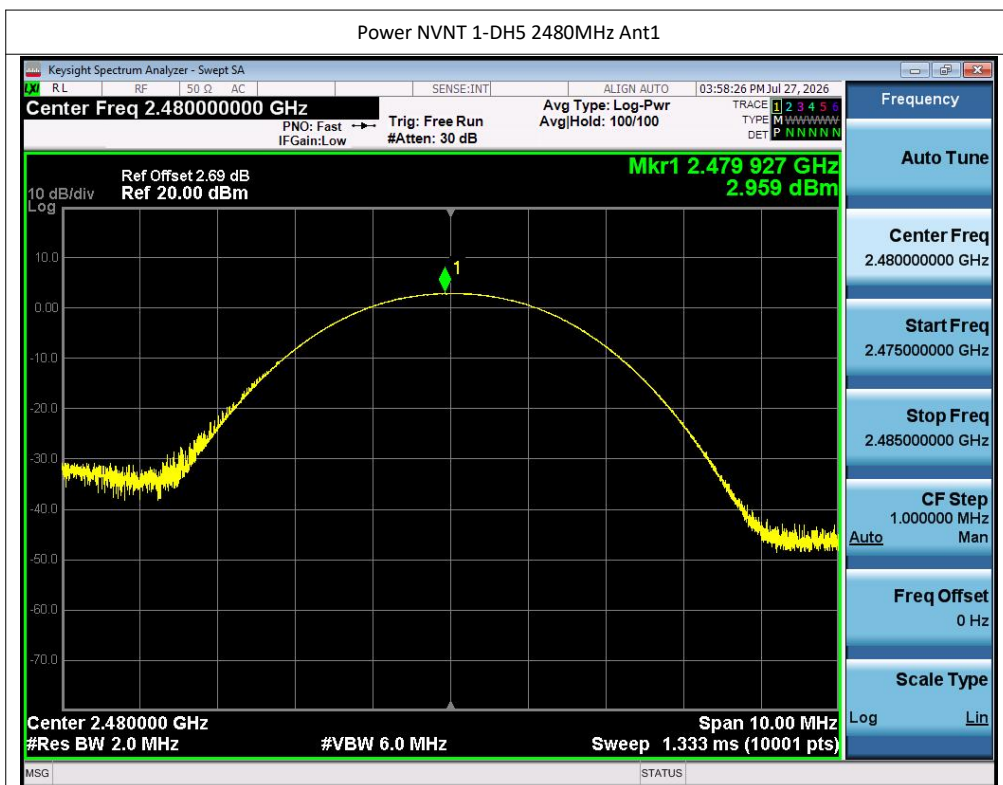
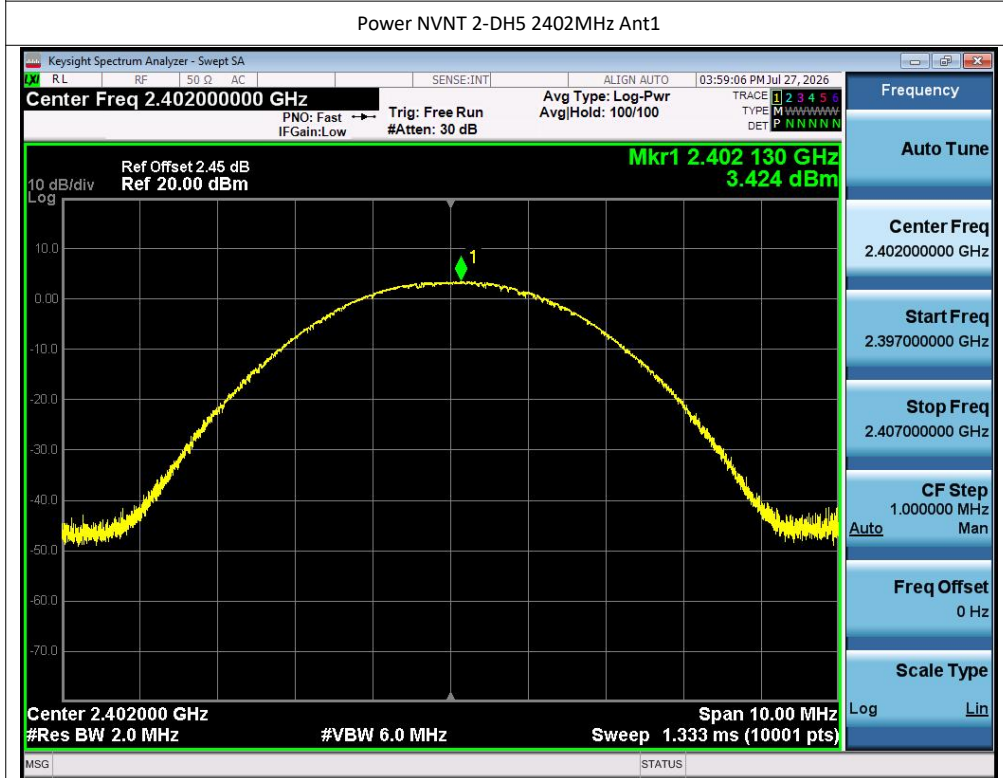
## Test Graphs

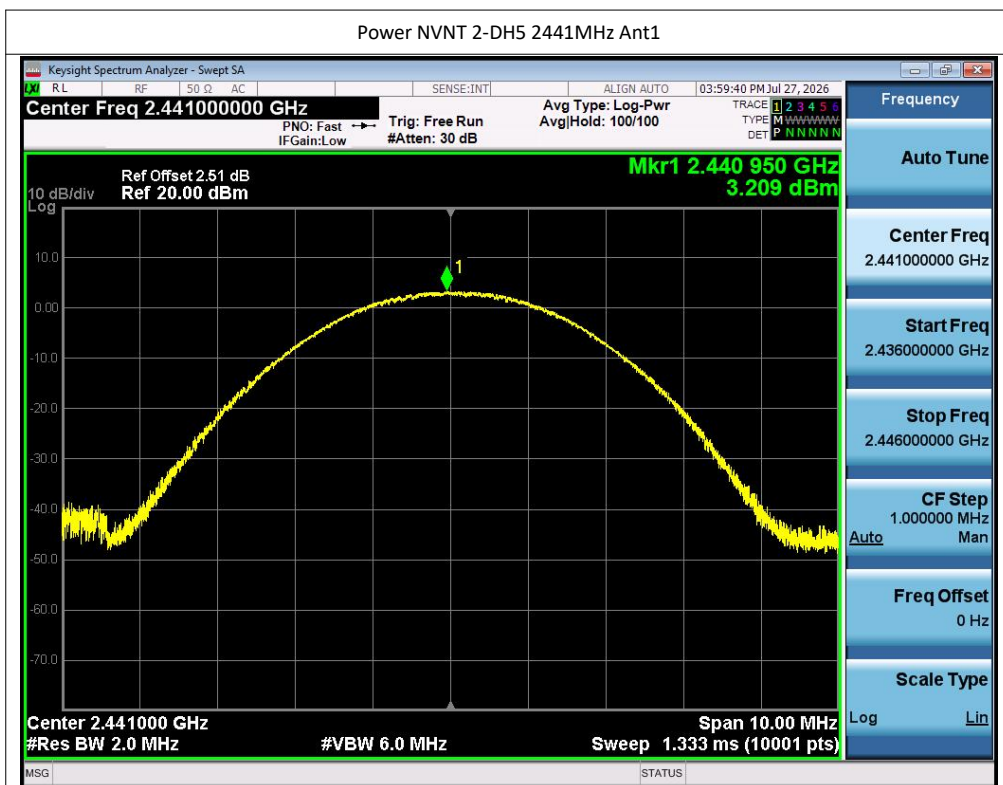
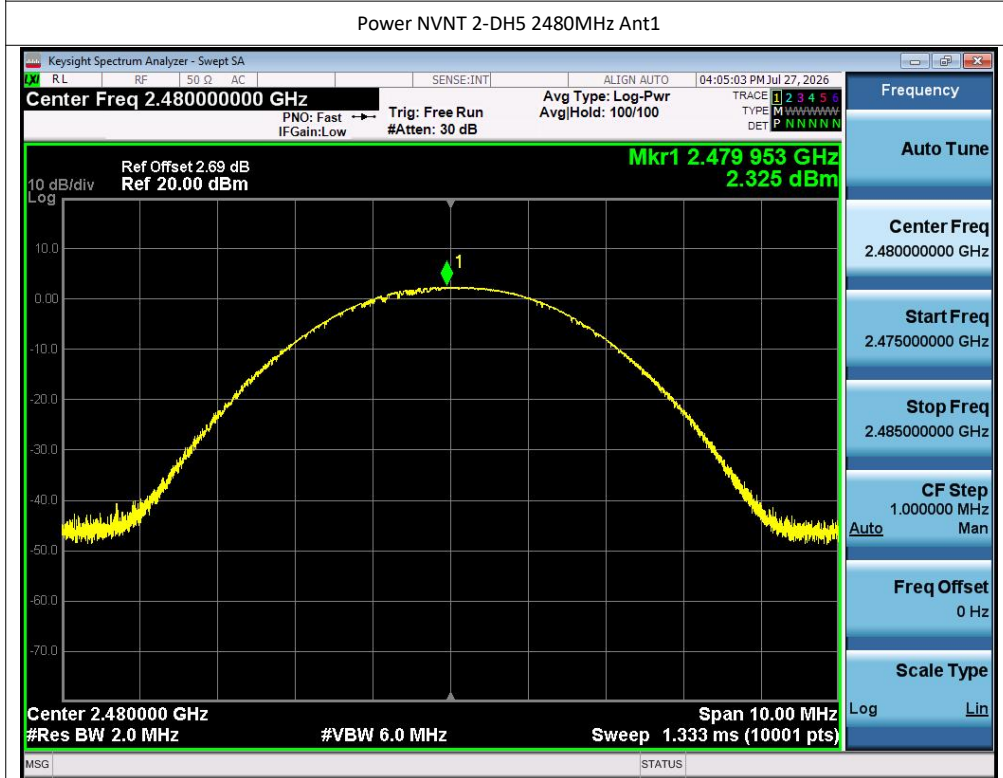
Power NVNT 1-DH5 2402MHz Ant1

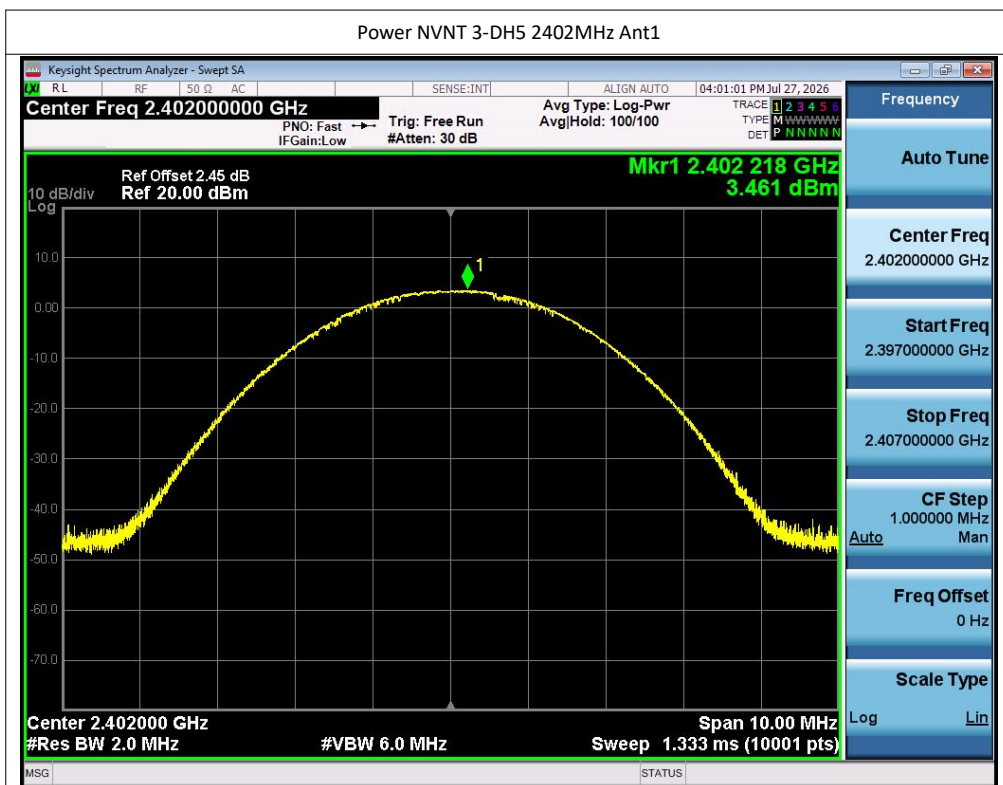
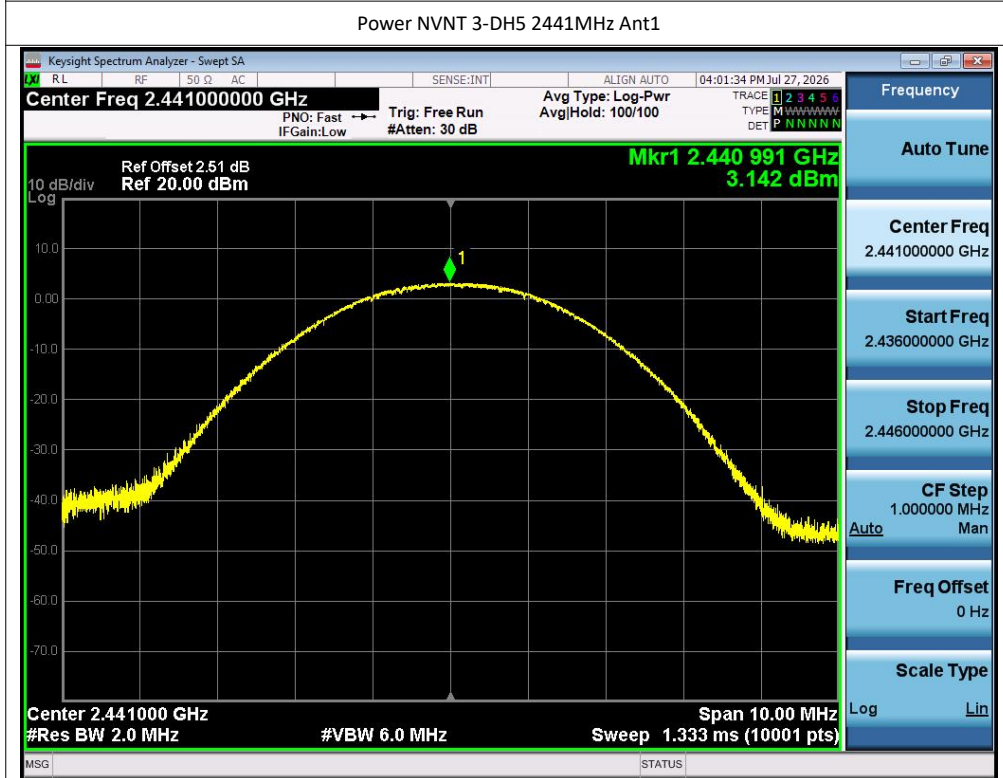


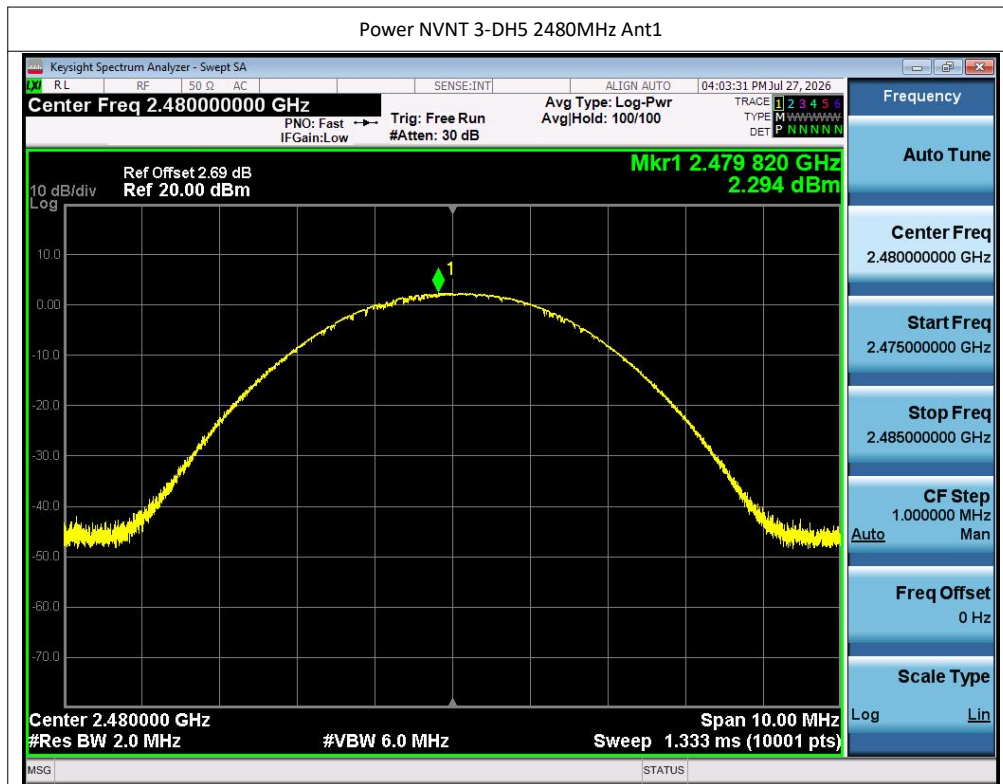
Power NVNT 1-DH5 2441MHz Ant1











## -20dB Bandwidth

| Condition | Mode  | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 0.8188                 | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 0.8377                 | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 0.8411                 | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 1.276                  | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | 1.304                  | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 1.267                  | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 1.302                  | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | 1.292                  | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 1.286                  | Pass    |

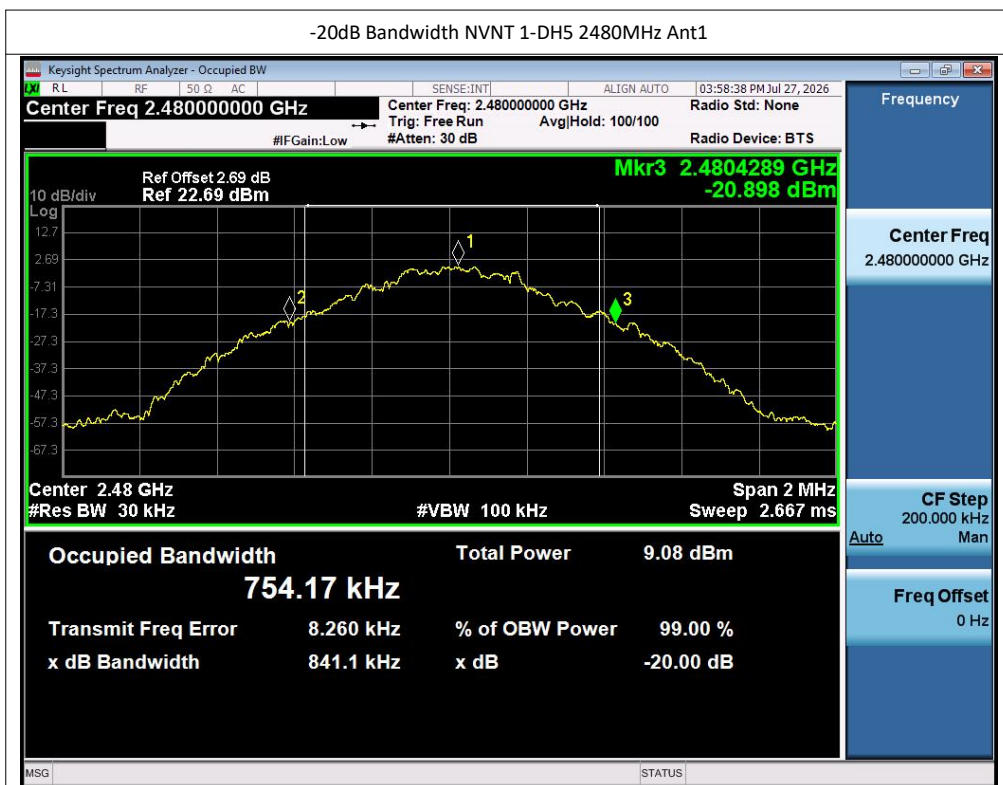
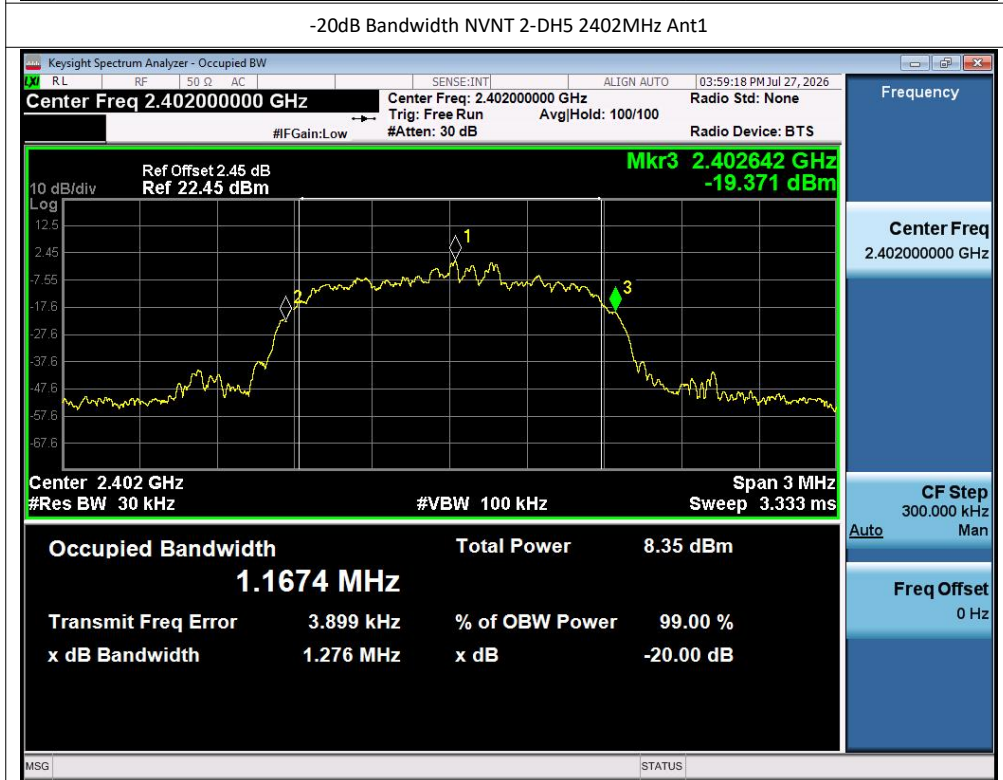
## Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

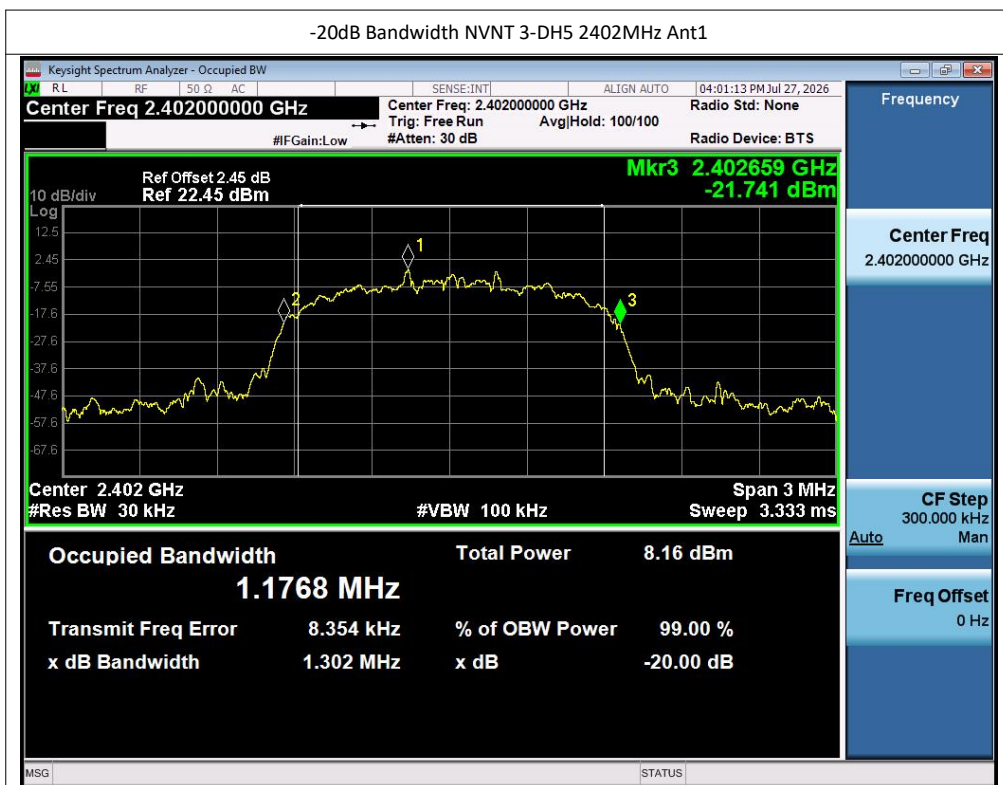
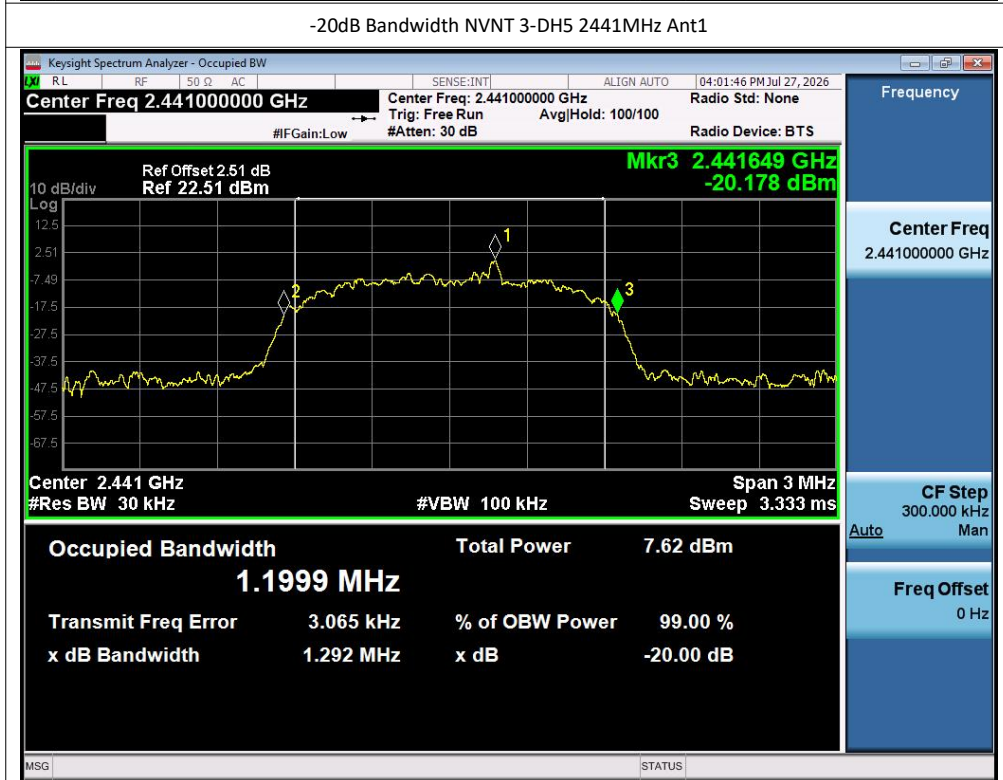


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1









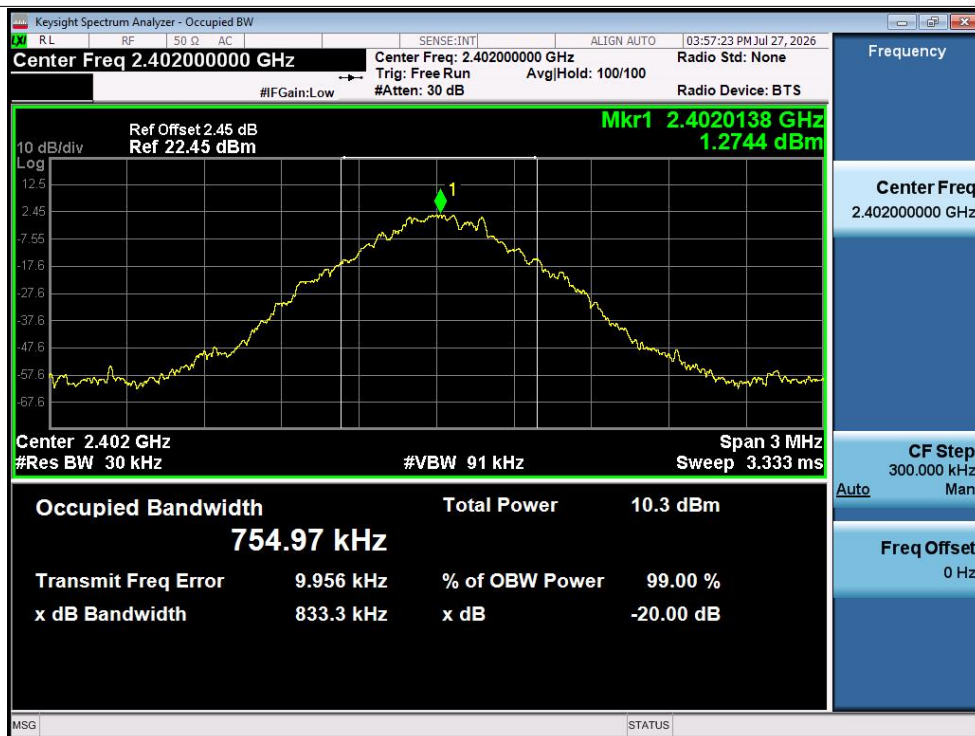


## Occupied Channel Bandwidth

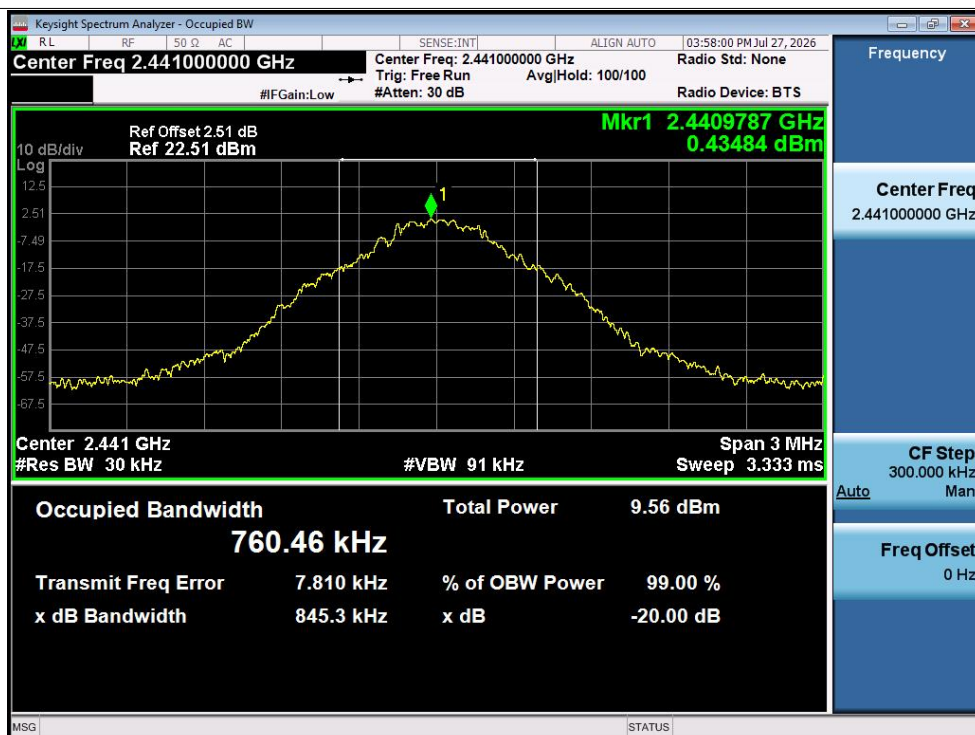
| Condition | Mode  | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|-------|-----------------|---------|---------------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 0.75497       |
| NVNT      | 1-DH5 | 2441            | Ant1    | 0.76046       |
| NVNT      | 1-DH5 | 2480            | Ant1    | 0.75554       |
| NVNT      | 2-DH5 | 2402            | Ant1    | 1.163         |
| NVNT      | 2-DH5 | 2441            | Ant1    | 1.1814        |
| NVNT      | 2-DH5 | 2480            | Ant1    | 1.1627        |
| NVNT      | 3-DH5 | 2402            | Ant1    | 1.1738        |
| NVNT      | 3-DH5 | 2441            | Ant1    | 1.1769        |
| NVNT      | 3-DH5 | 2480            | Ant1    | 1.1707        |

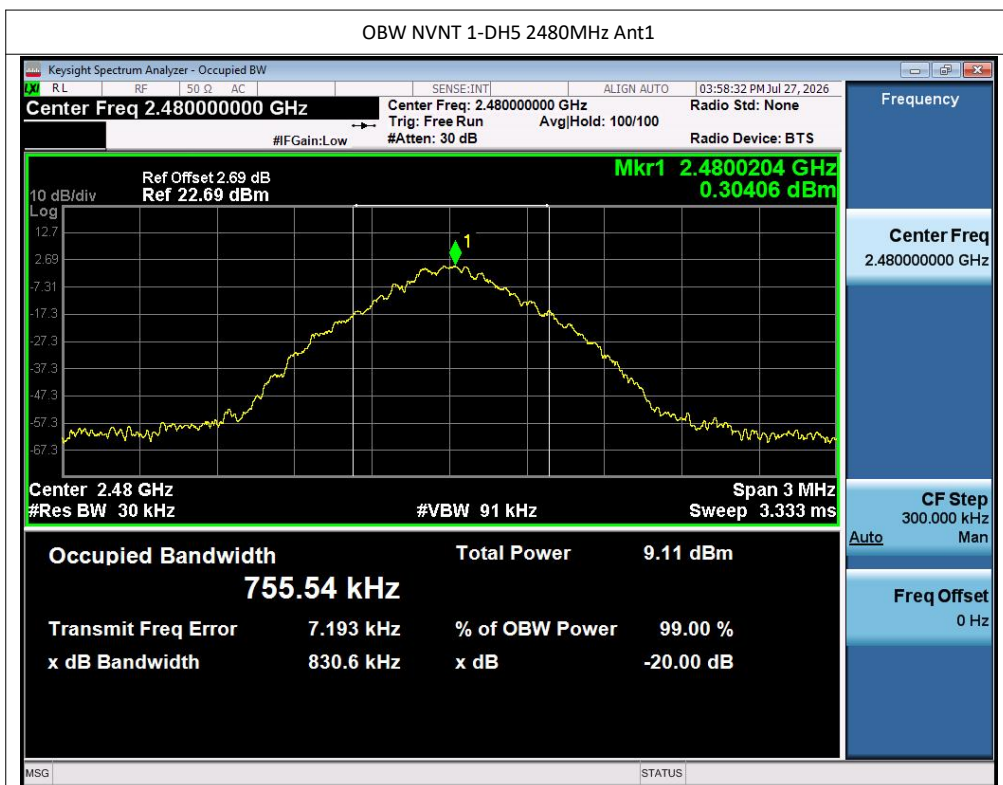
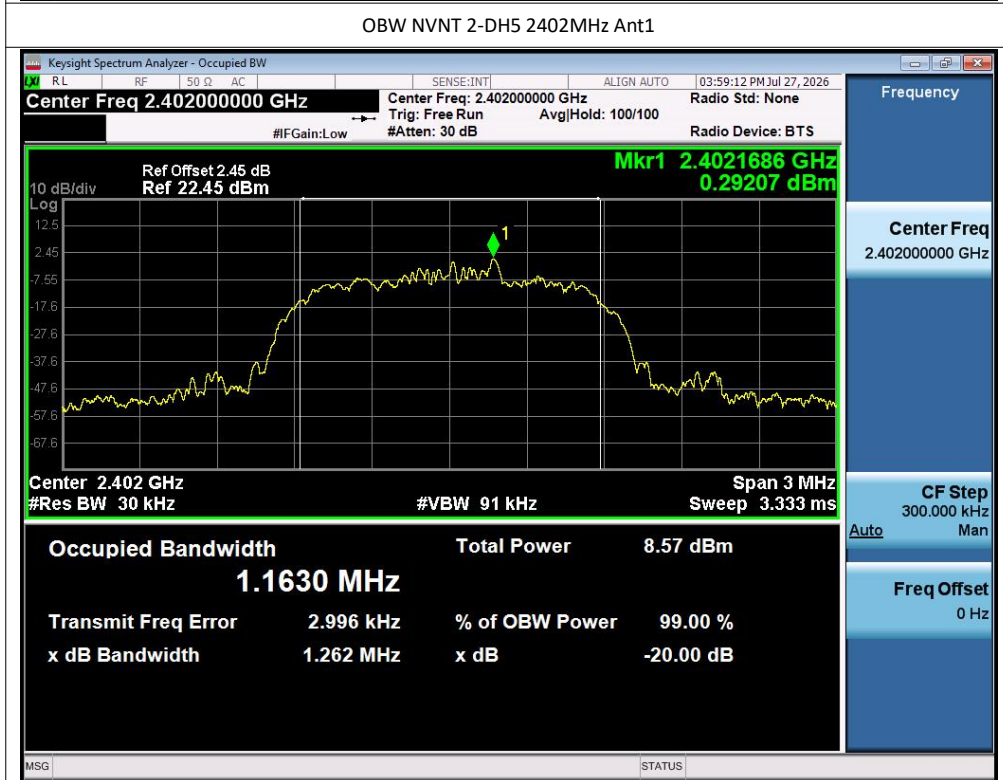
## Test Graphs

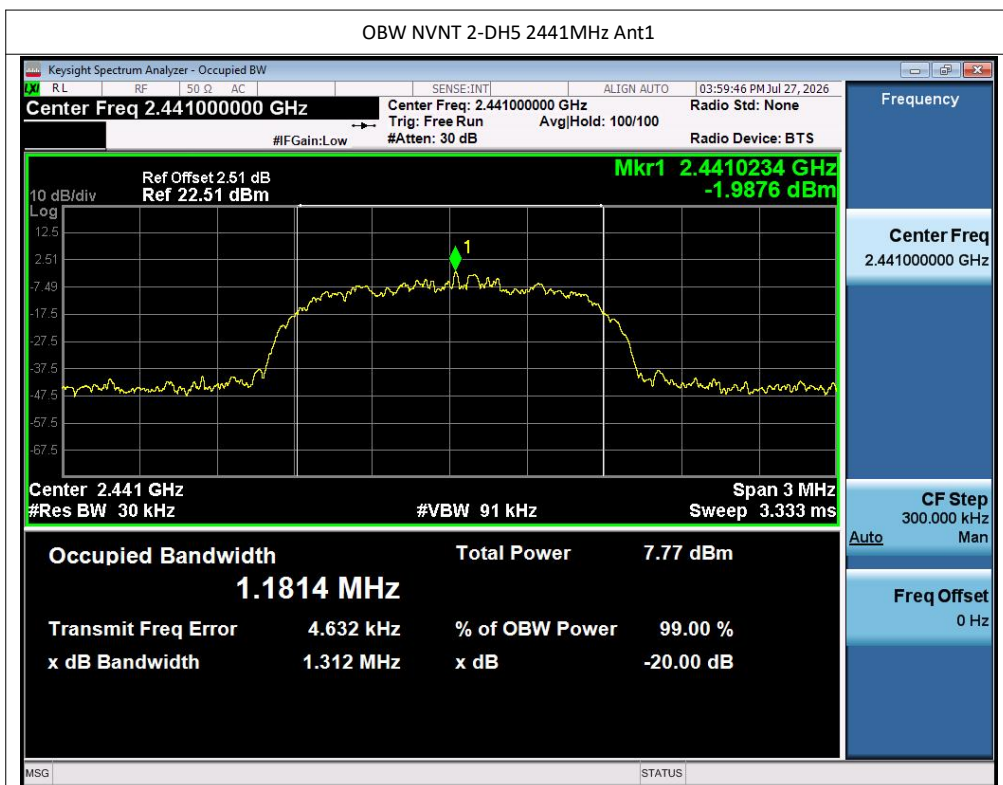
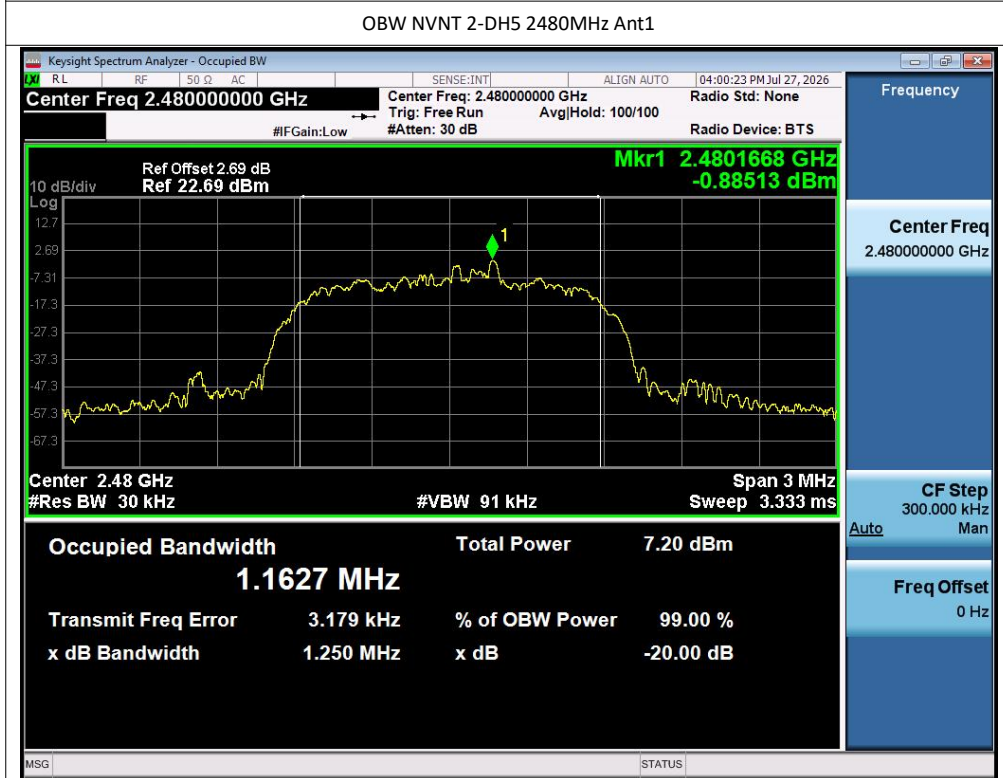
OBW NVNT 1-DH5 2402MHz Ant1

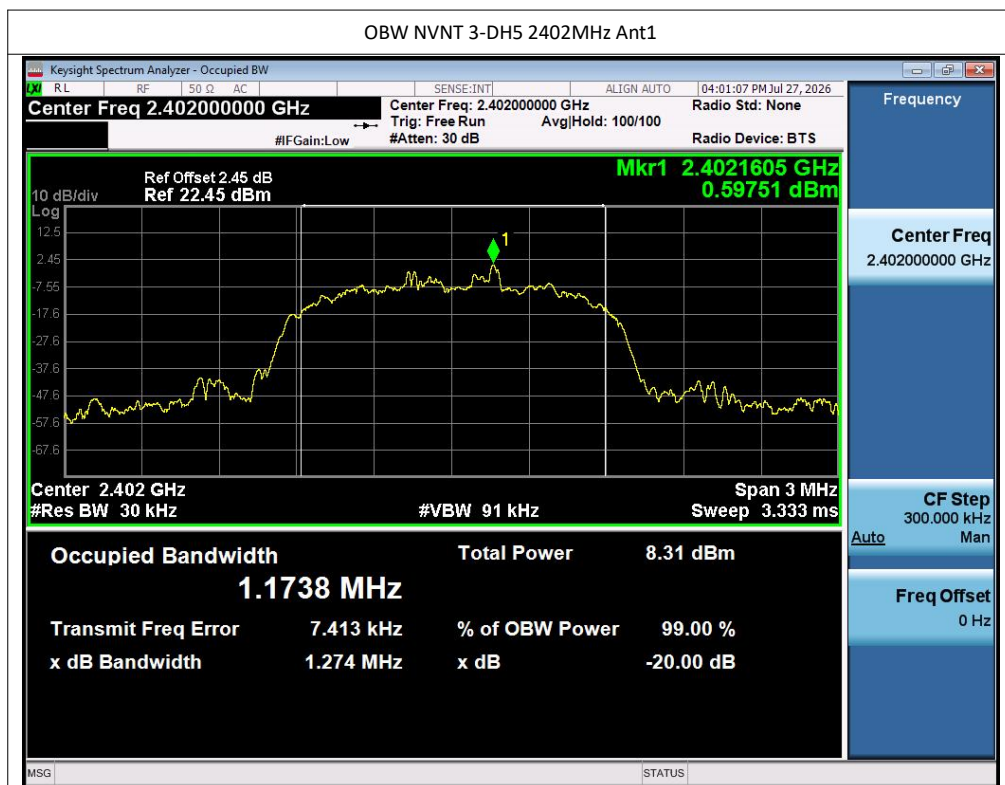
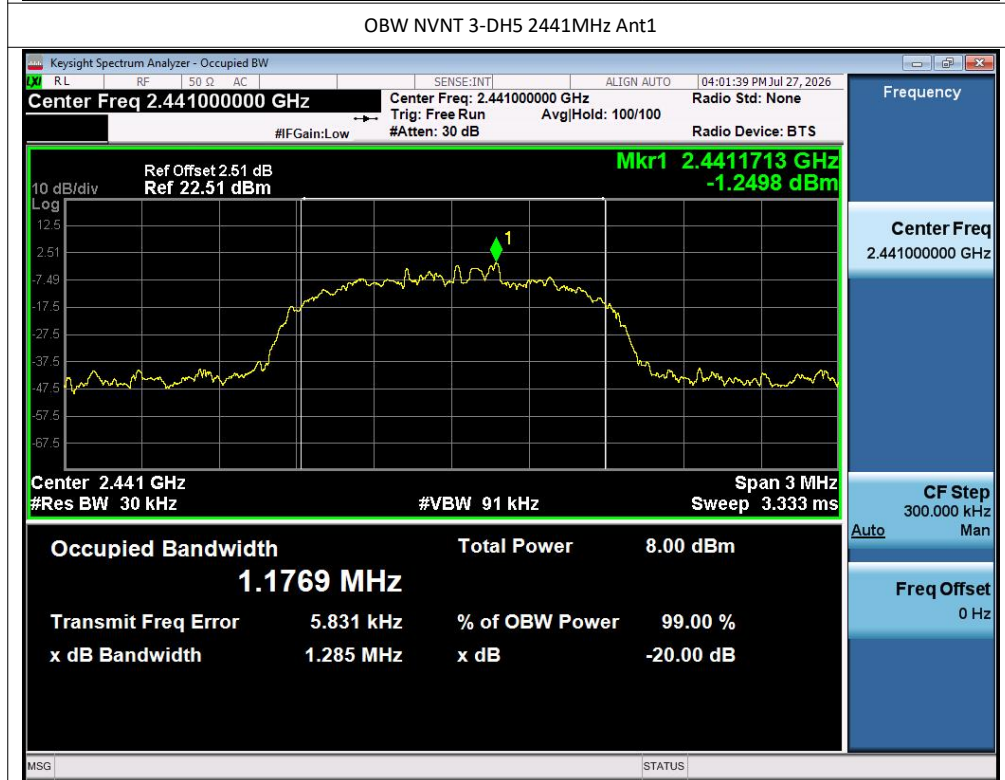


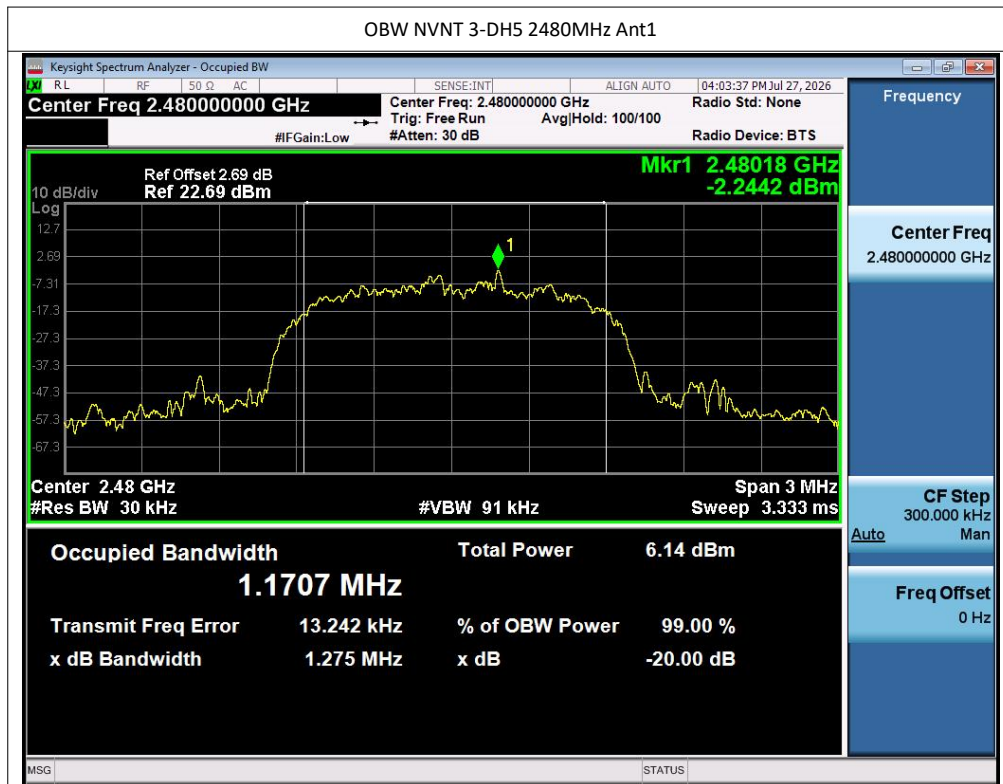
OBW NVNT 1-DH5 2441MHz Ant1











## Carrier Frequencies Separation

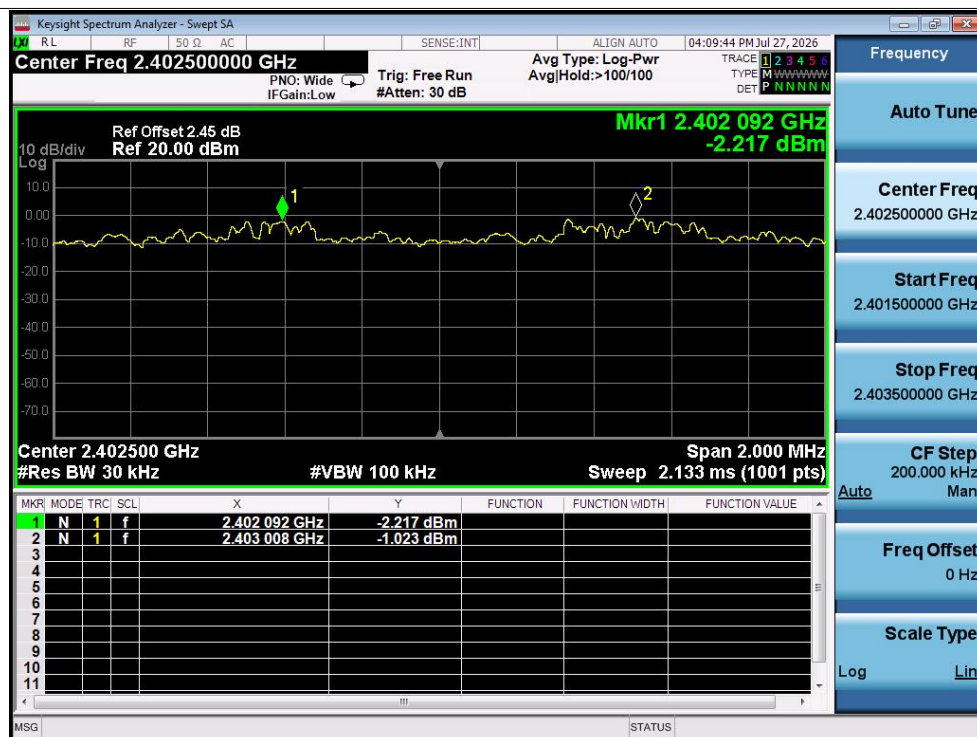
| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH5 | Ant1    | 2402.004            | 2402.9              | 0.896     | 0.546       | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2402.092            | 2403.008            | 0.916     | 0.851       | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2402.178            | 2403.176            | 0.998     | 0.868       | Pass    |

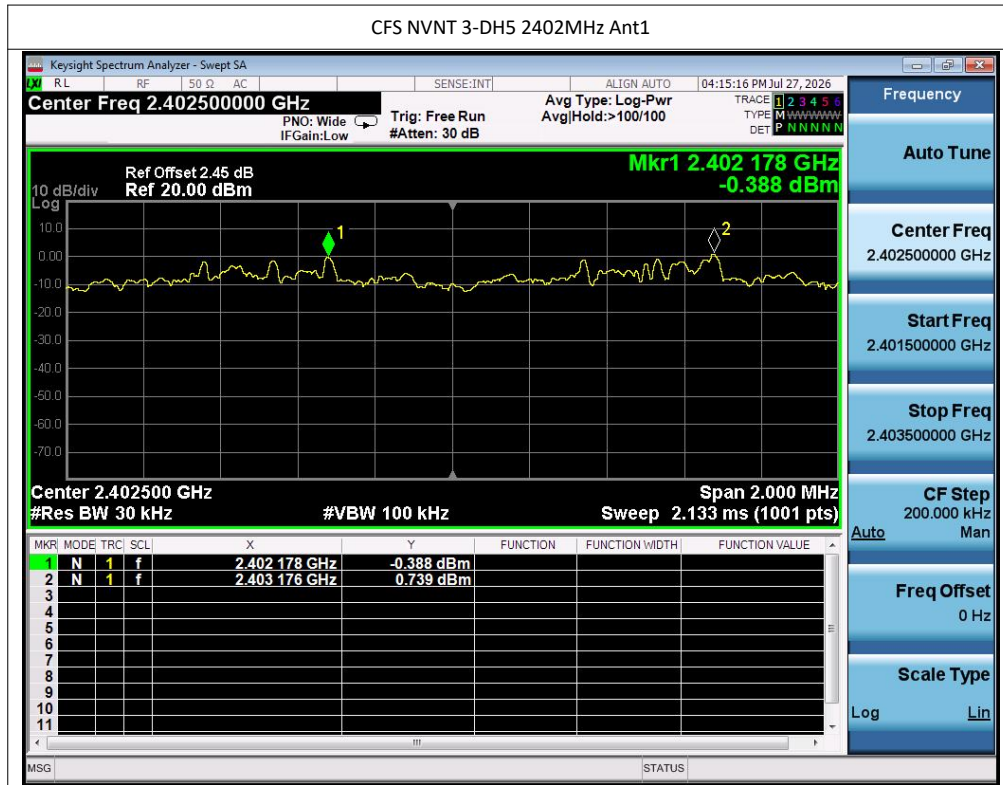
## Test Graphs

CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2402MHz Ant1



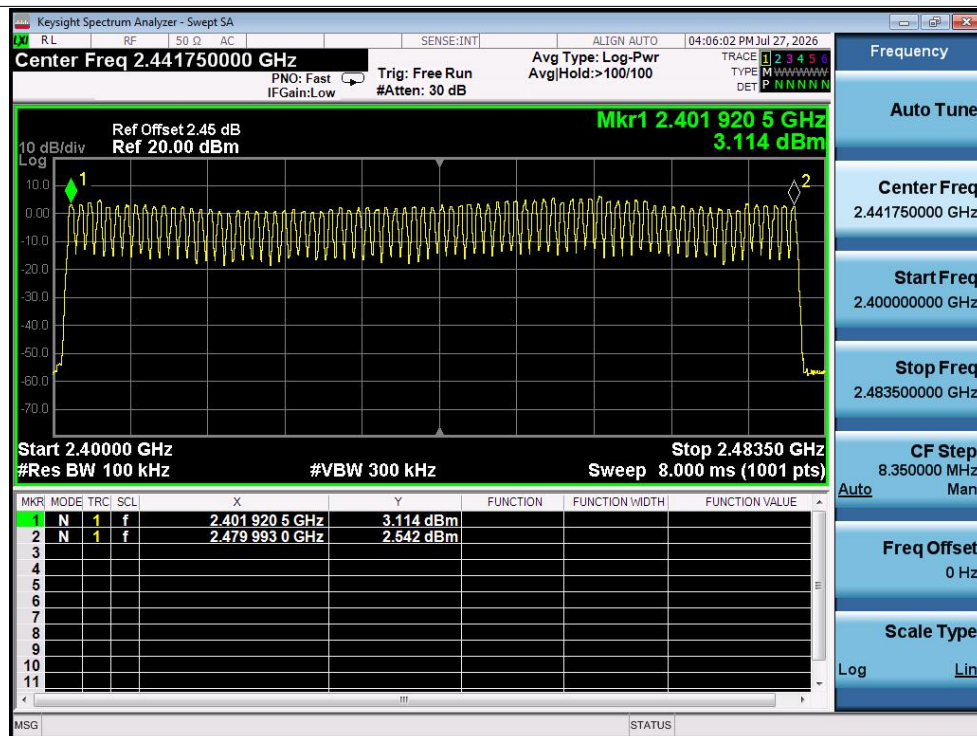


## Number of Hopping Channel

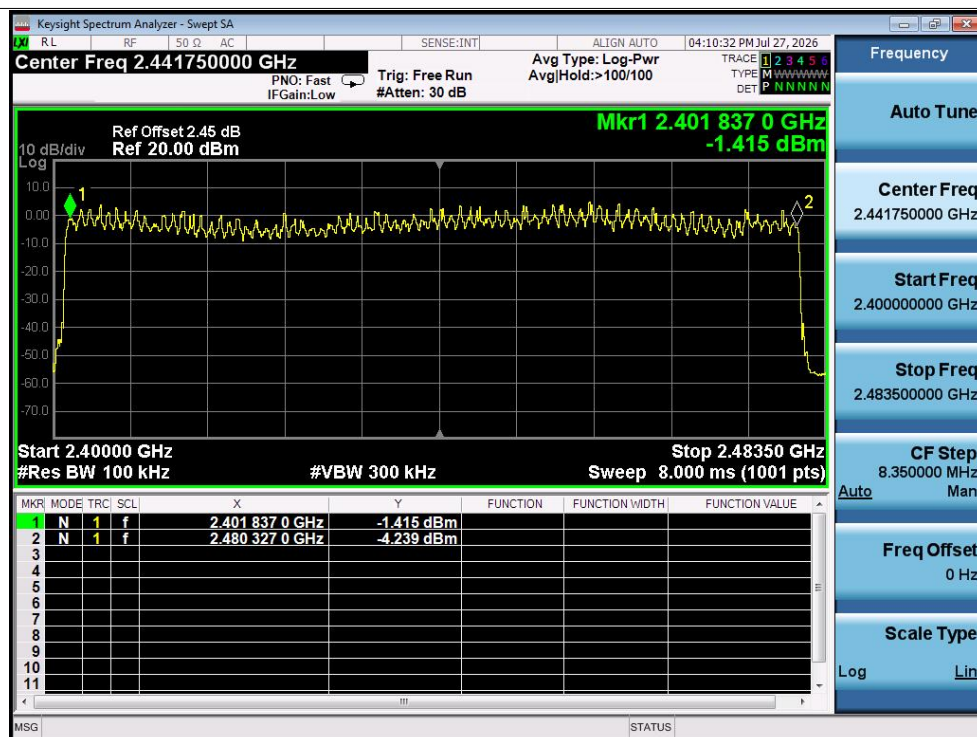
| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH5 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 2-DH5 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 3-DH5 | Ant1    | 79             | 15    | Pass    |

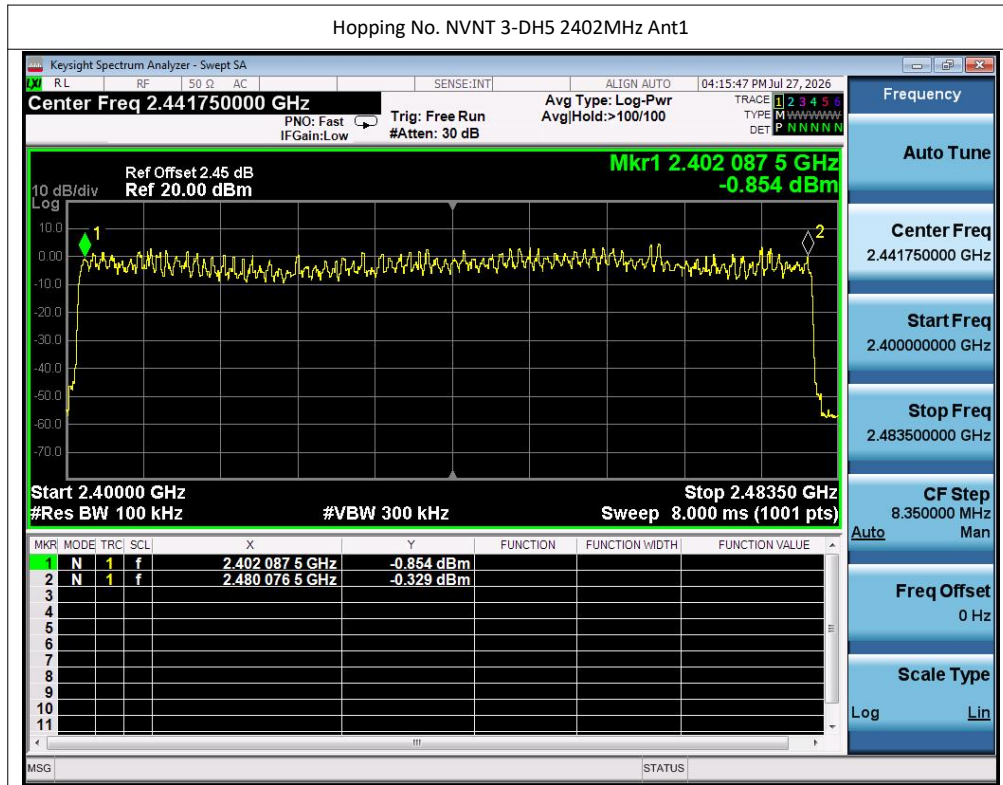
## Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1





## Dwell Time

| Condition | Mode  | Frequency (MHz) | Antenna | Pulse Time (ms) | Total Dwell Time (ms) | Burst Count | Period Time (ms) | Limit (ms) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-----------------------|-------------|------------------|------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 2.882           | 314.138               | 109         | 31600            | 400        | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 2.88            | 313.92                | 109         | 31600            | 400        | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 2.886           | 346.32                | 120         | 31600            | 400        | Pass    |

## Dwell NVNT 1-DH5 2402MHz Ant1 One Burst

