

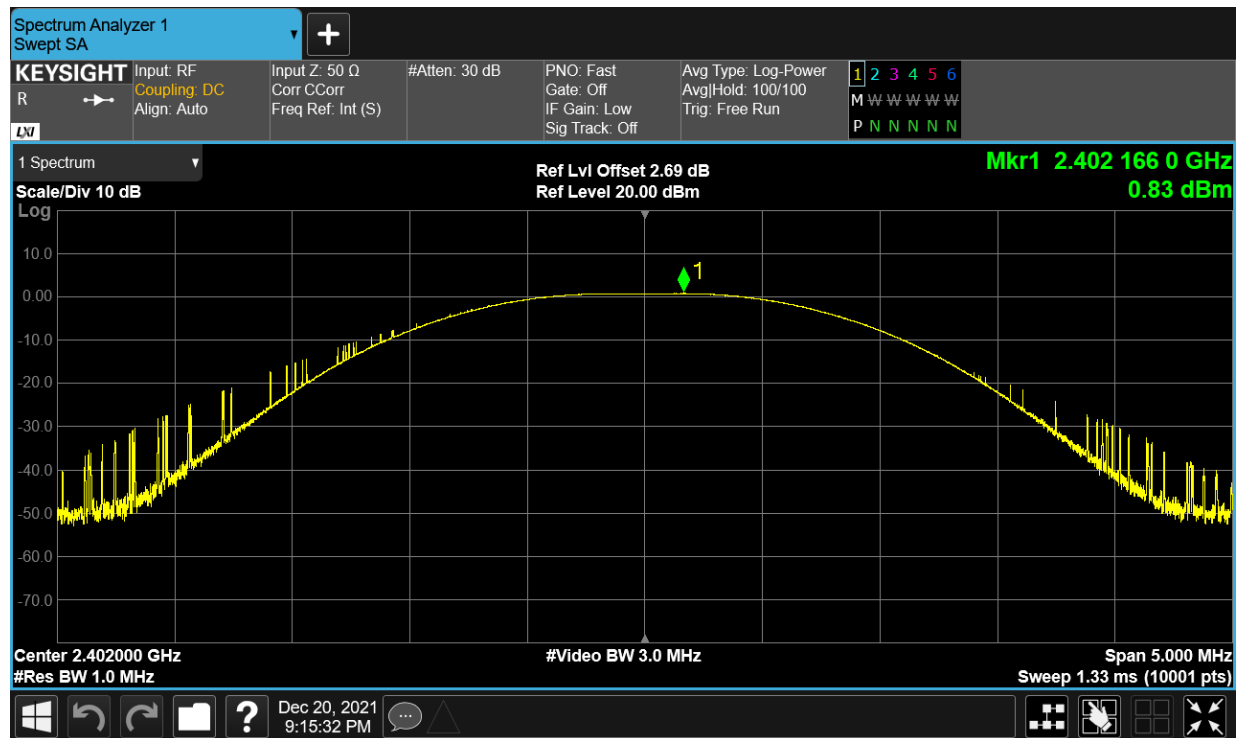
## Test Data

### Maximum Conducted Output Power

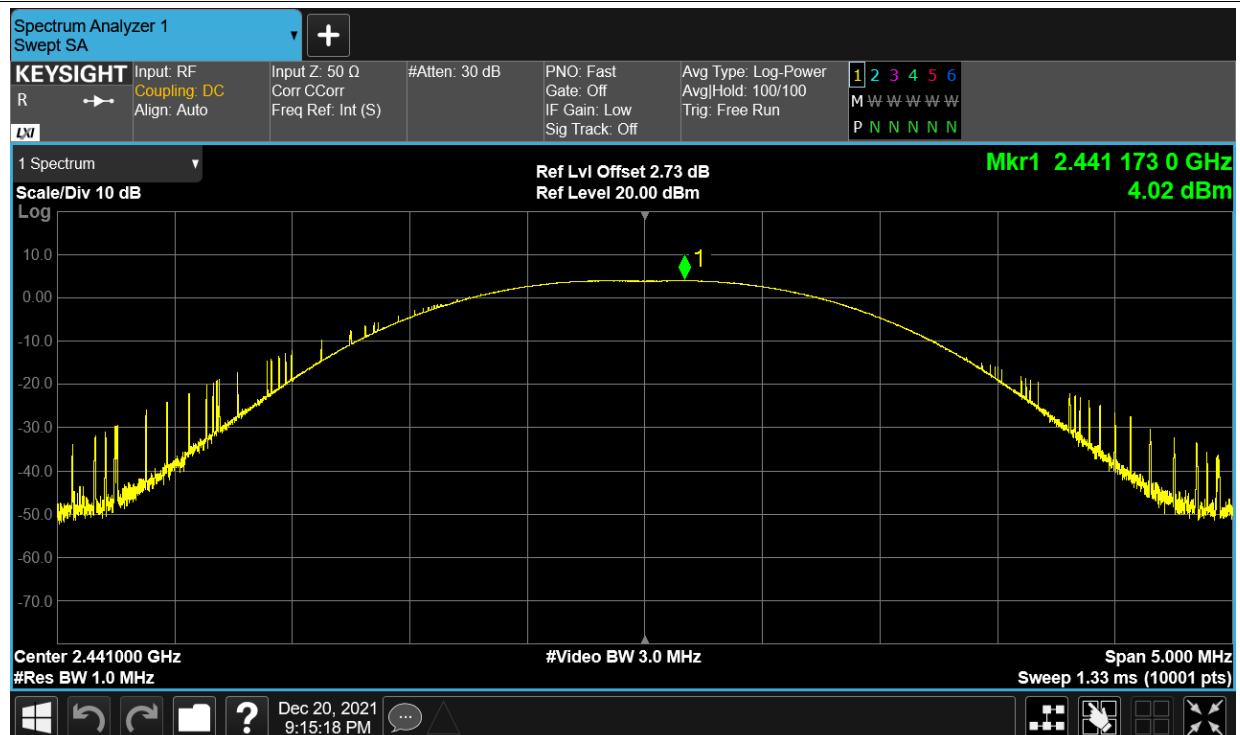
| Condition | Mode  | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 0.831                 | 0                | 0.831             | 30          | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | 4.018                 | 0                | 4.018             | 30          | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | 3.443                 | 0                | 3.443             | 30          | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | 2.783                 | 0                | 2.783             | 21          | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 5.887                 | 0                | 5.887             | 21          | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | 5.312                 | 0                | 5.312             | 21          | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | 3.301                 | 0                | 3.301             | 21          | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 6.428                 | 0                | 6.428             | 21          | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | 5.888                 | 0                | 5.888             | 21          | Pass    |

## Test Graphs

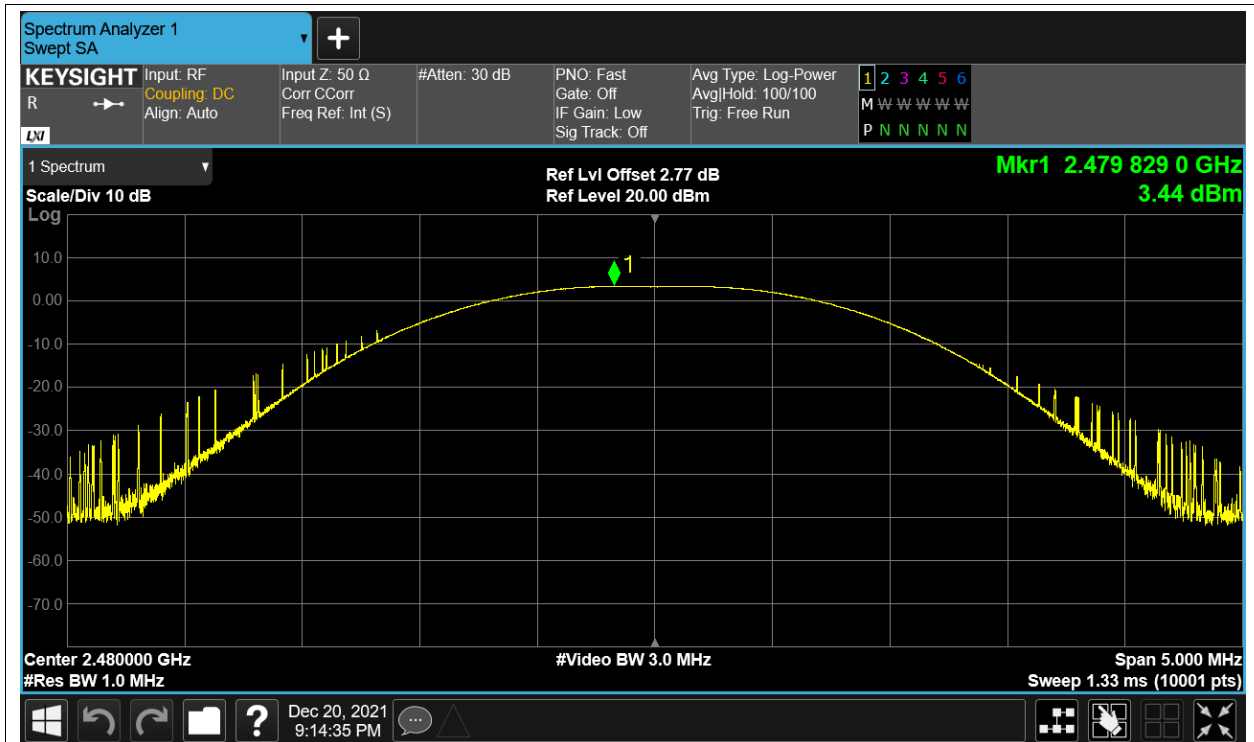
## Power NVNT 1-DH1 2402MHz Ant1



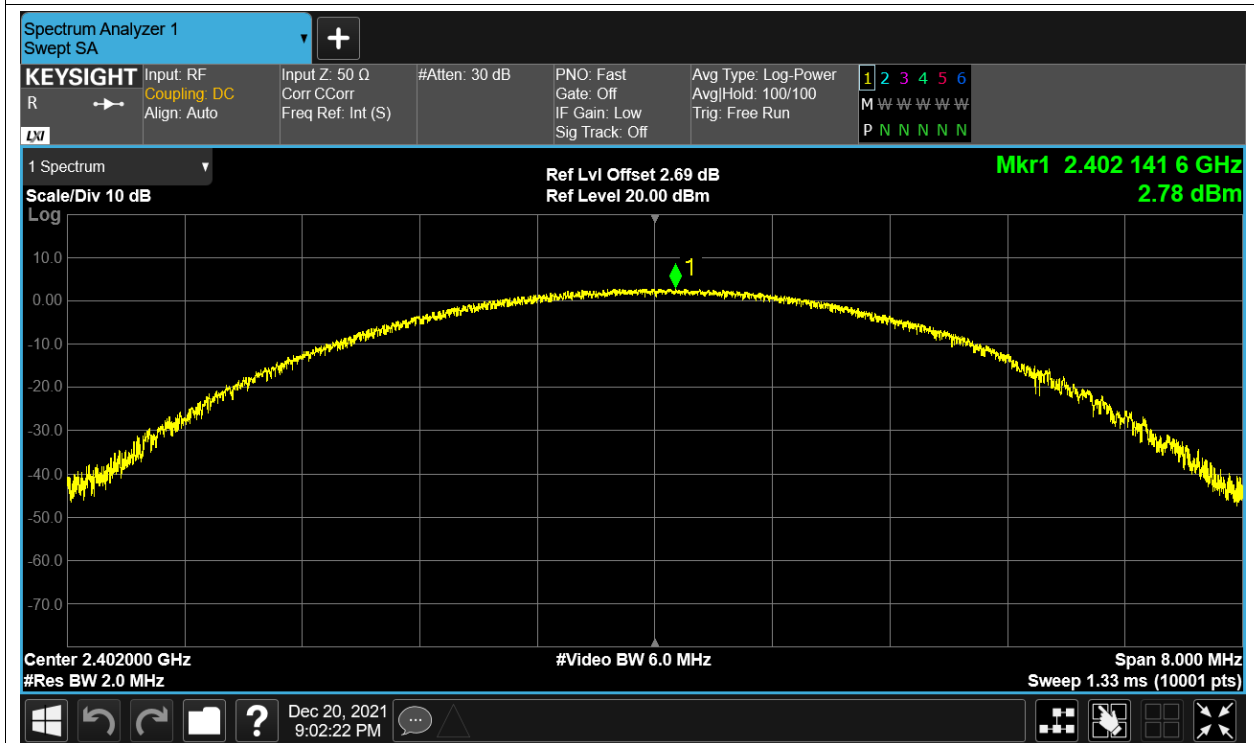
## Power NVNT 1-DH1 2441MHz Ant1



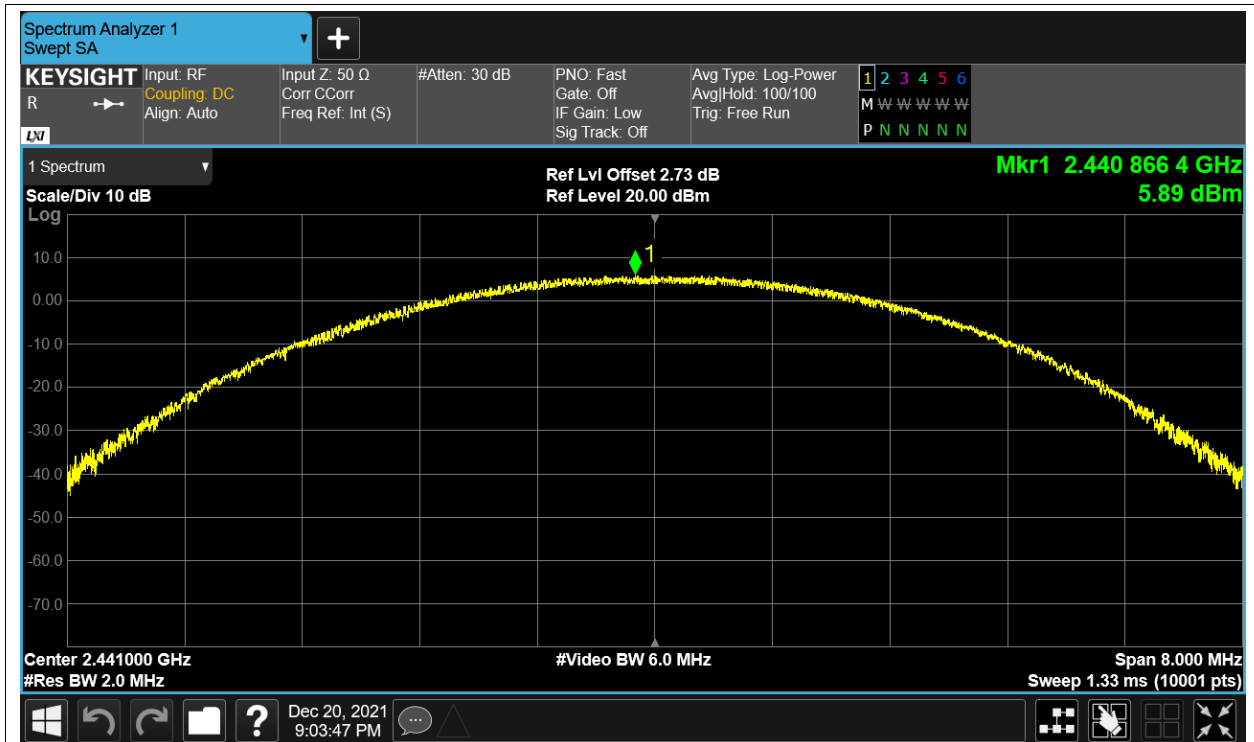
## Power NVNT 1-DH1 2480MHz Ant1



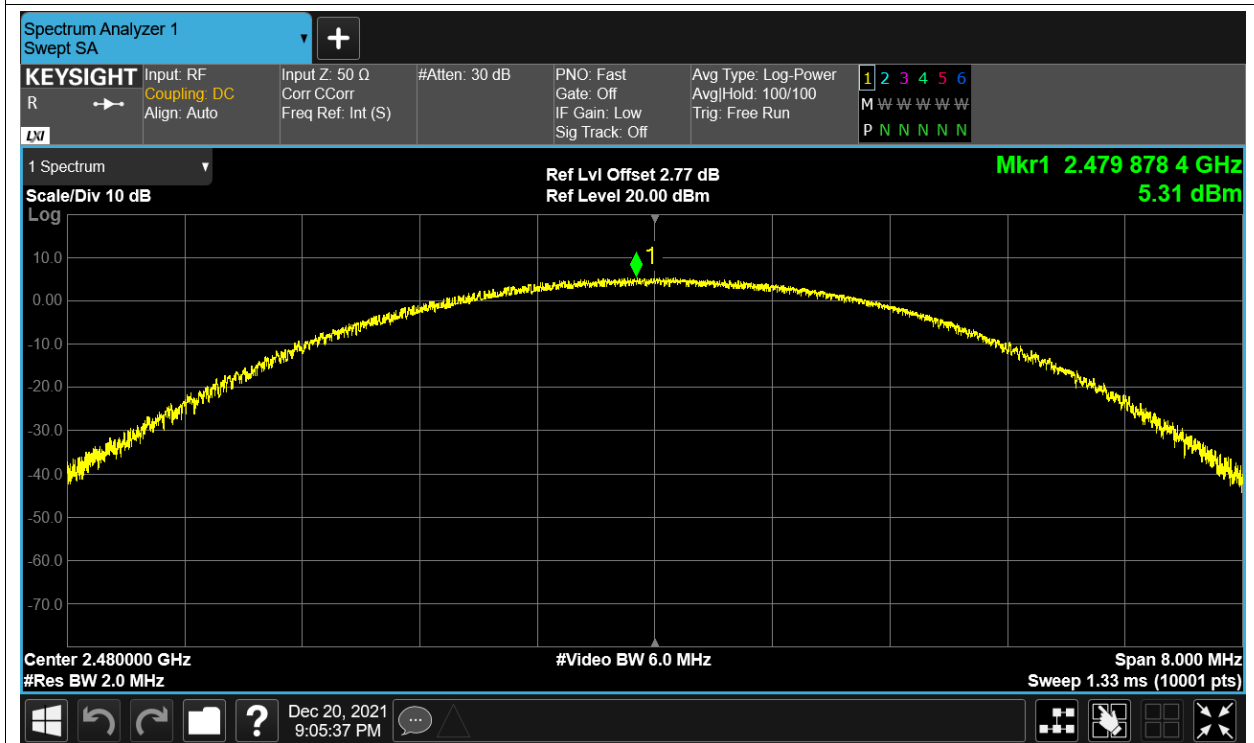
Power NVNT 2-DH1 2402MHz Ant1



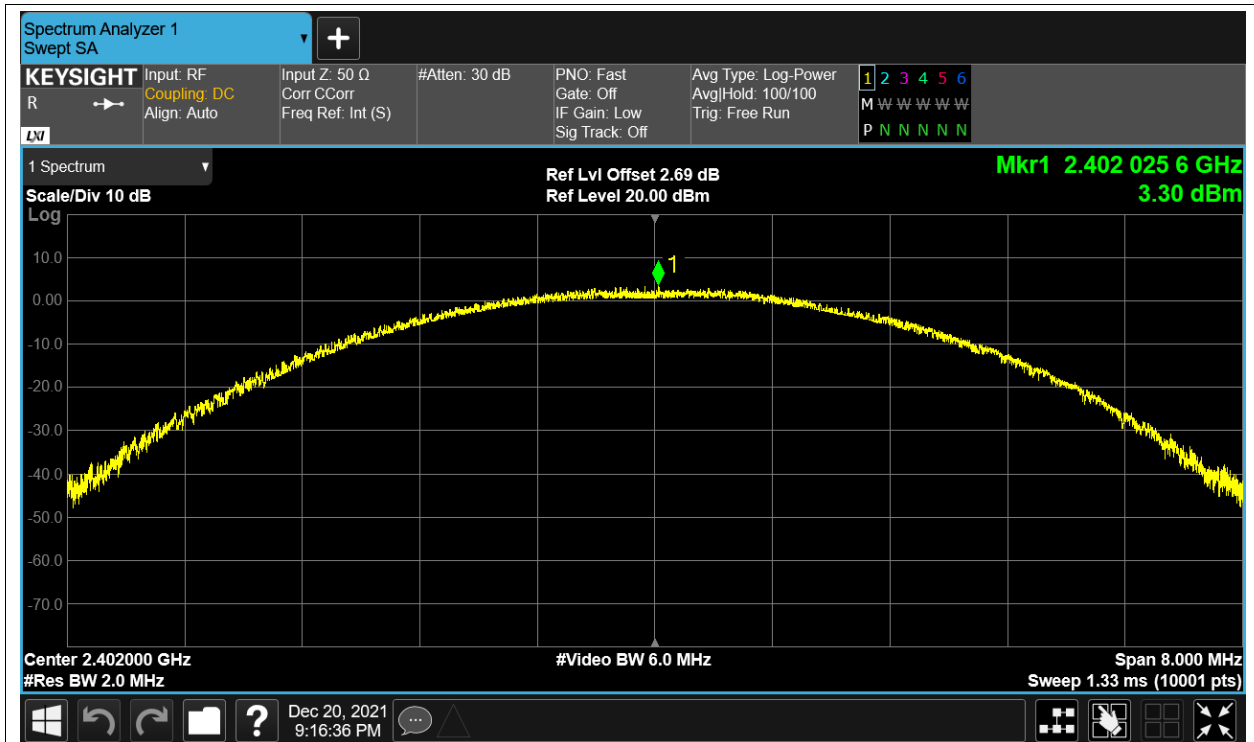
Power NVNT 2-DH1 2441MHz Ant1



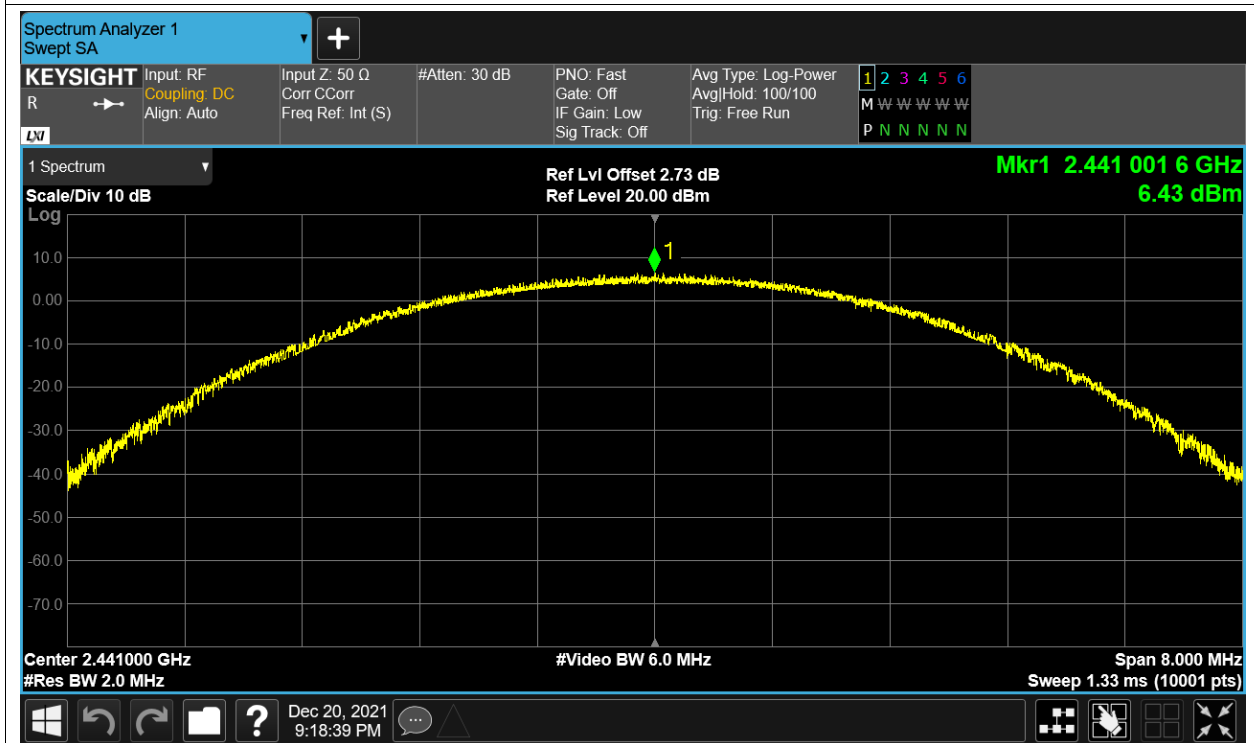
Power NVNT 2-DH1 2480MHz Ant1



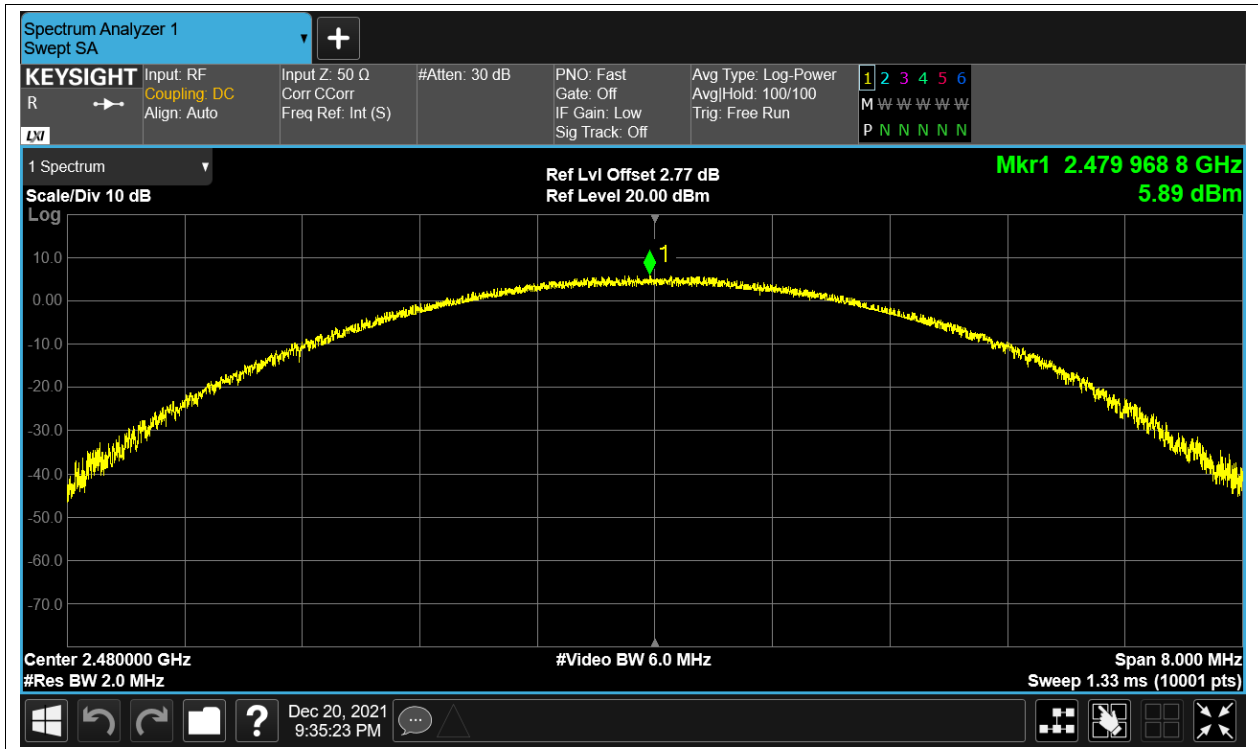
Power NVNT 3-DH1 2402MHz Ant1



Power NVNT 3-DH1 2441MHz Ant1



Power NVNT 3-DH1 2480MHz Ant1



## -20dB Bandwidth

| Condition | Mode  | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Limit -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 0.918                  | 0                            | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.88                   | 0                            | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | 0.88                   | 0                            | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | 1.3                    | 0                            | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 1.277                  | 0                            | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | 1.274                  | 0                            | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | 1.223                  | 0                            | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 1.22                   | 0                            | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | 1.211                  | 0                            | Pass    |

## Test Graphs

-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1

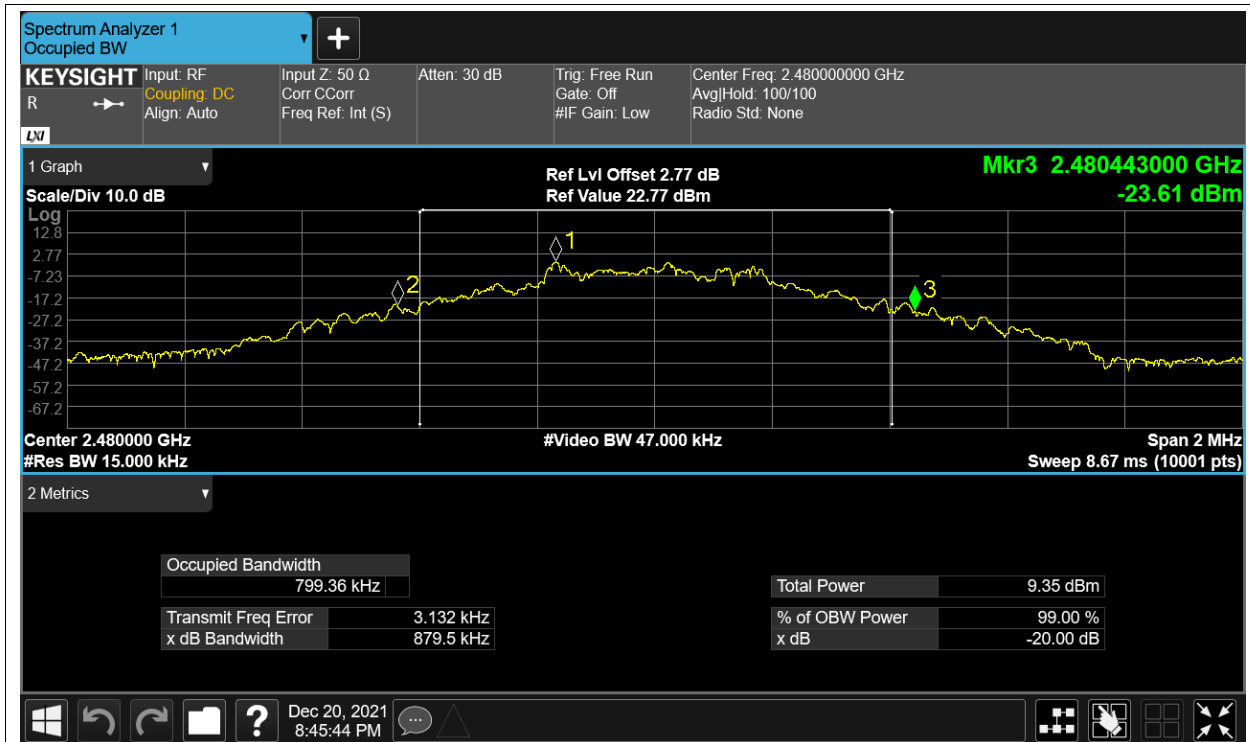


-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1

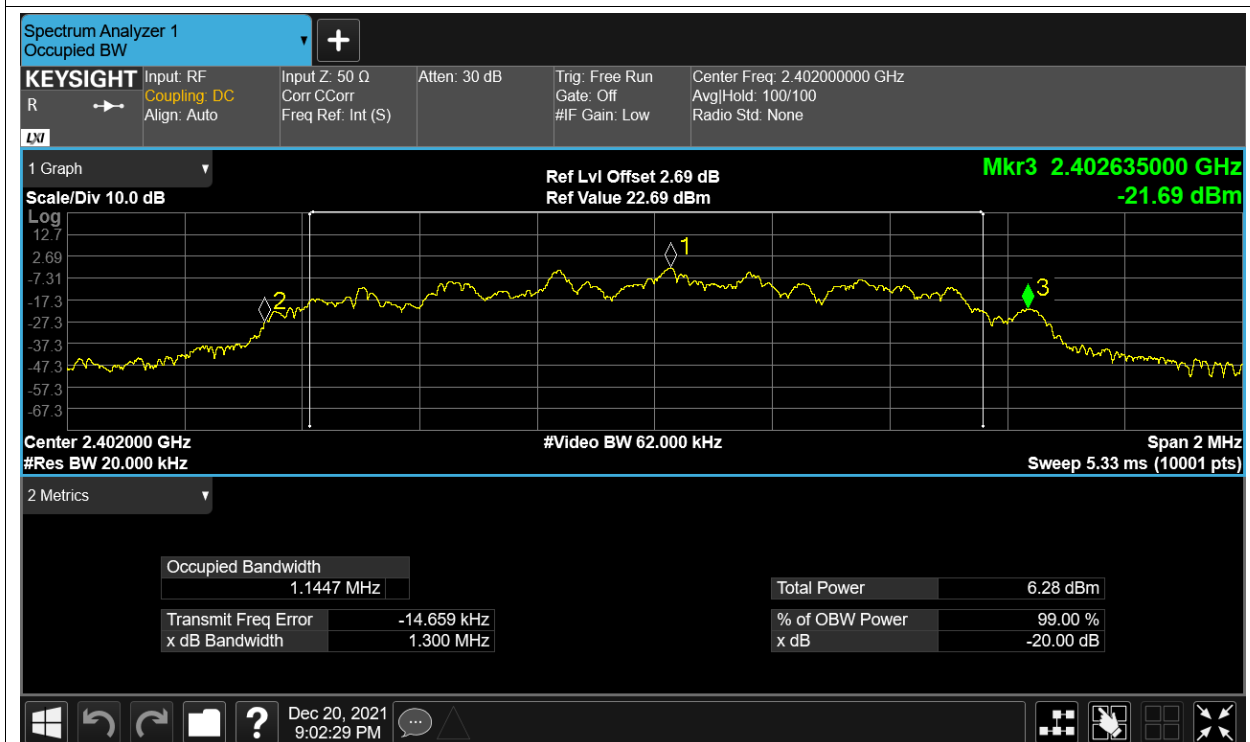


-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1

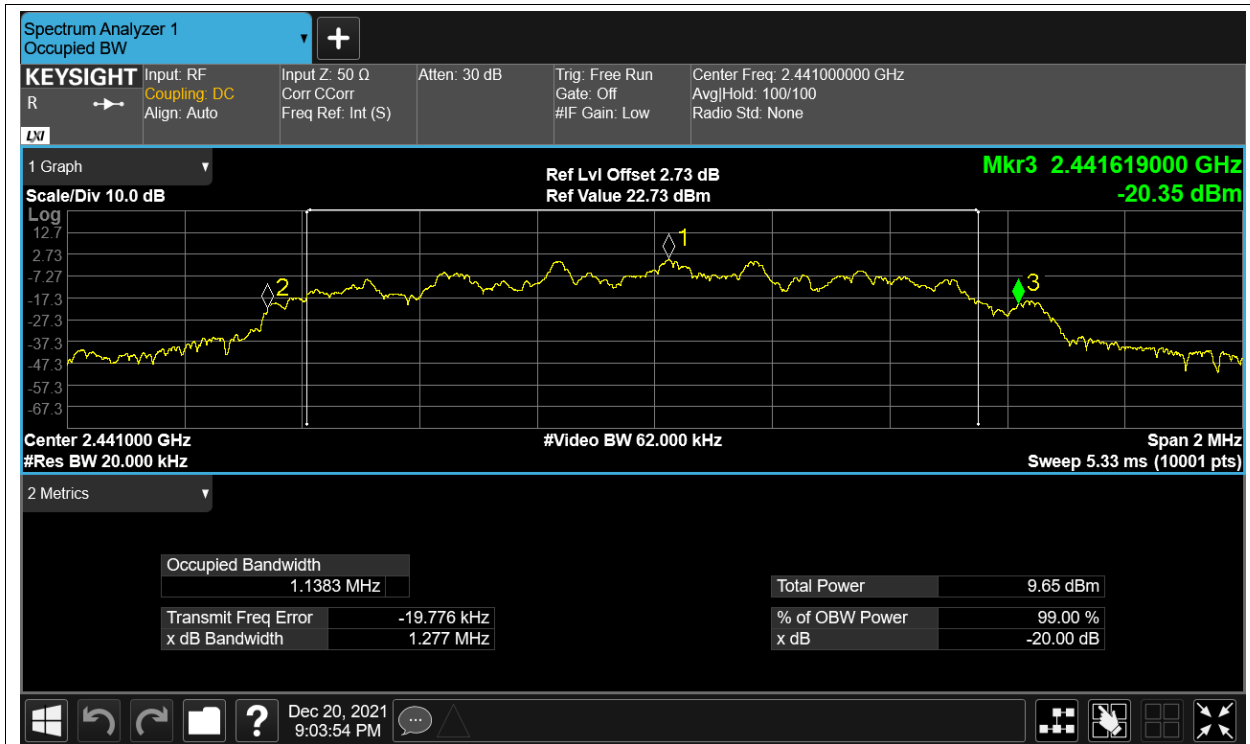




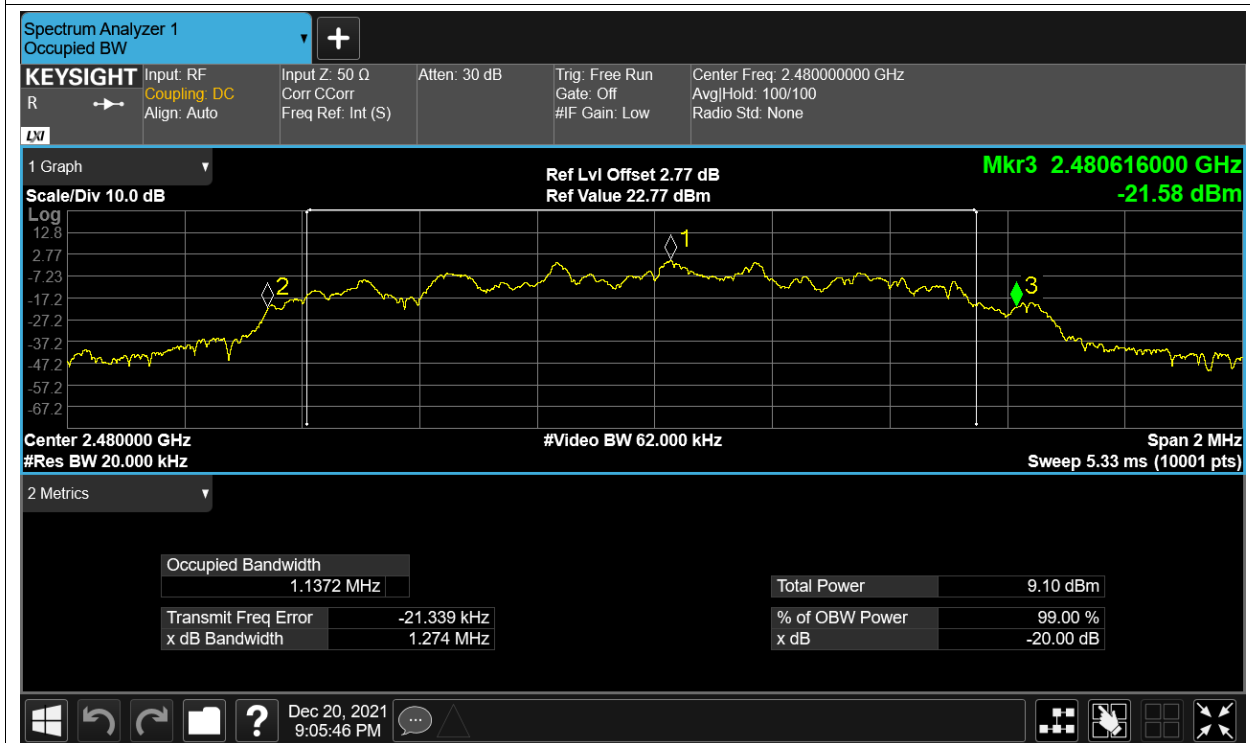
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



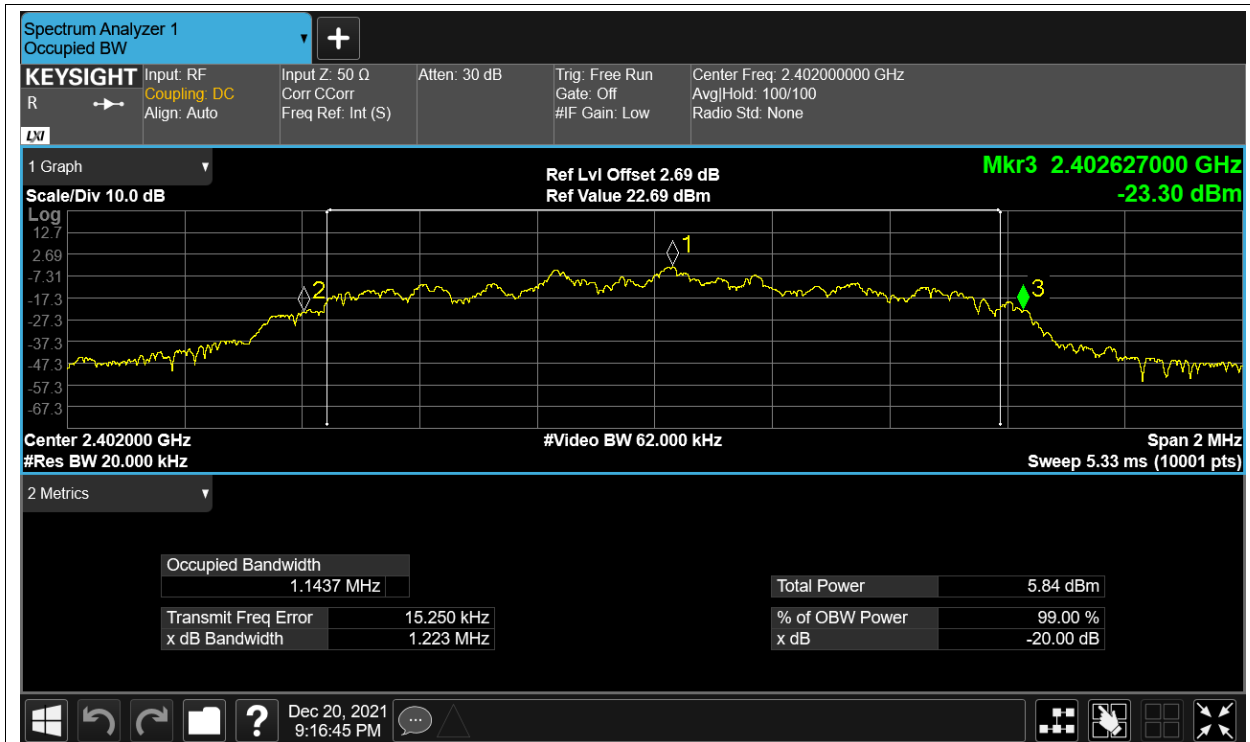
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



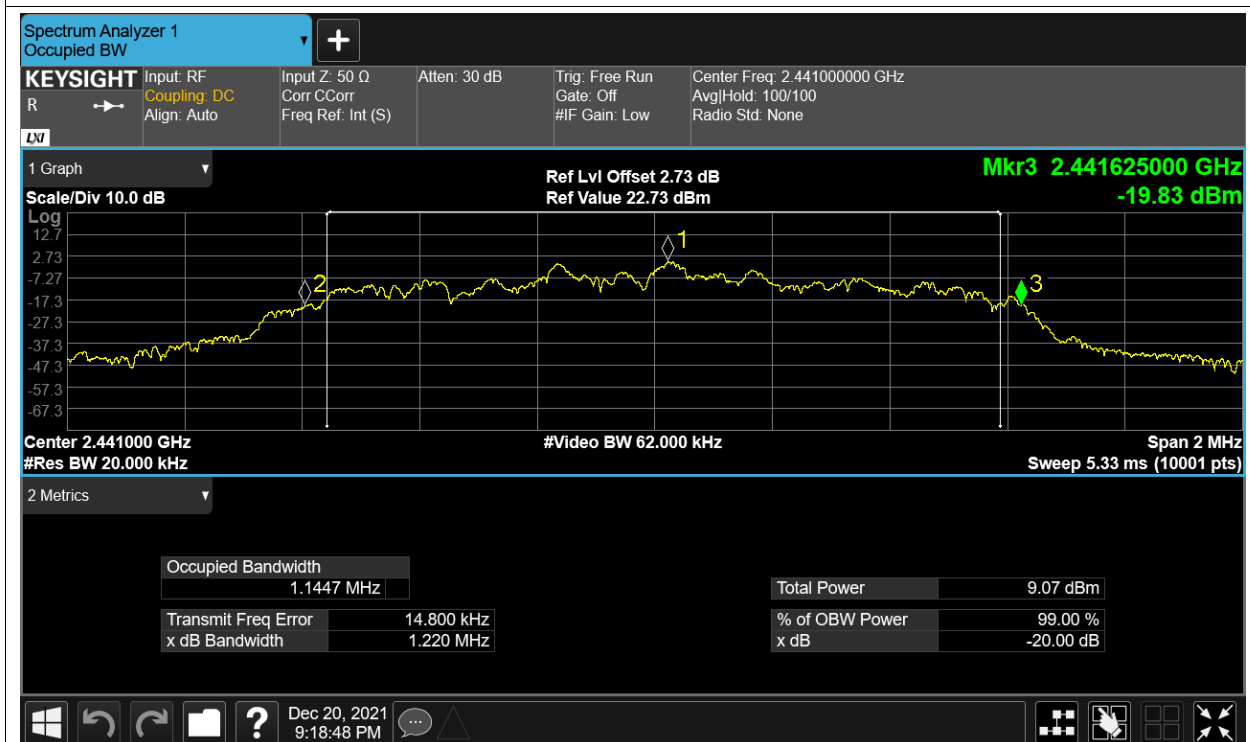
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1



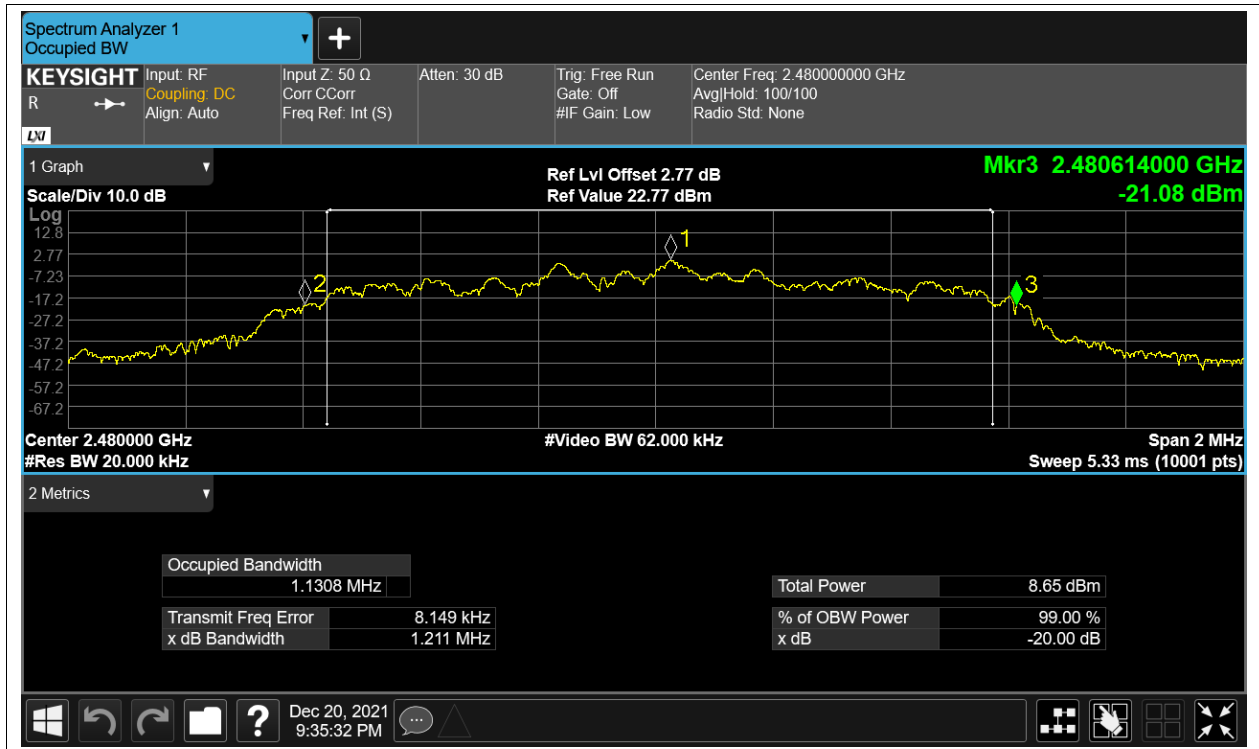
-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2480MHz Ant1

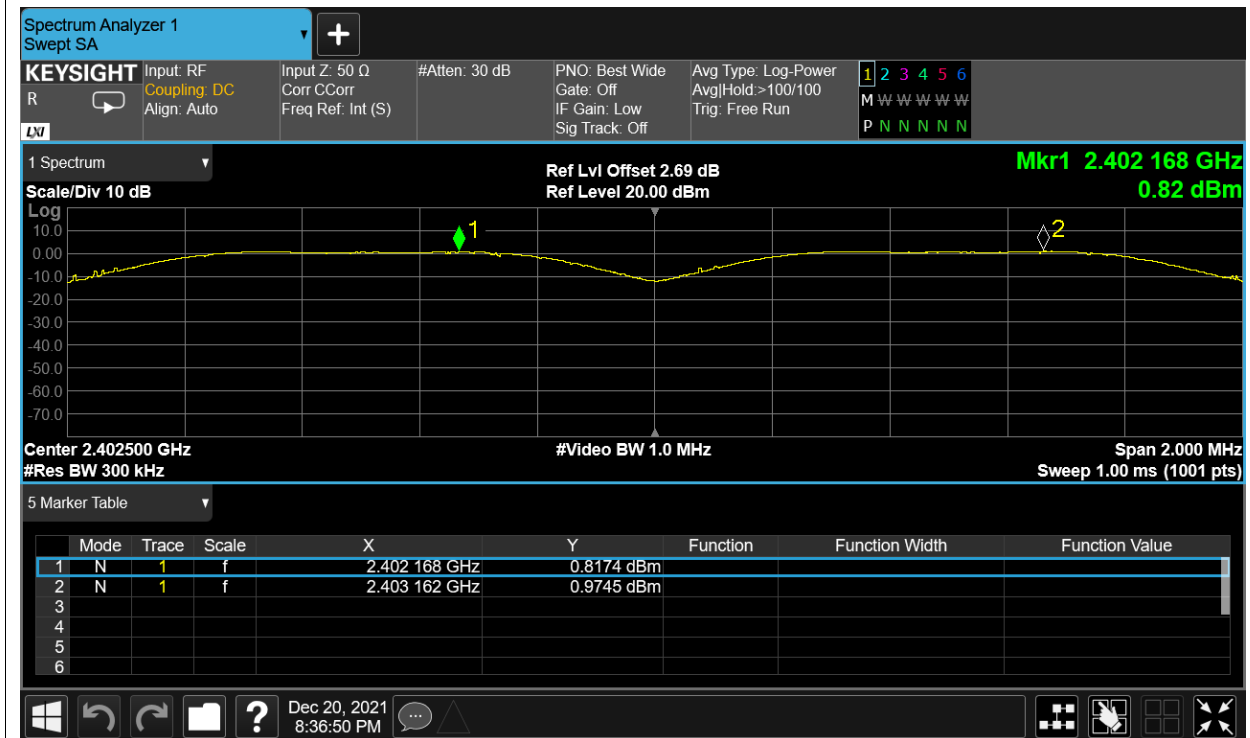


## Carrier Frequencies Separation

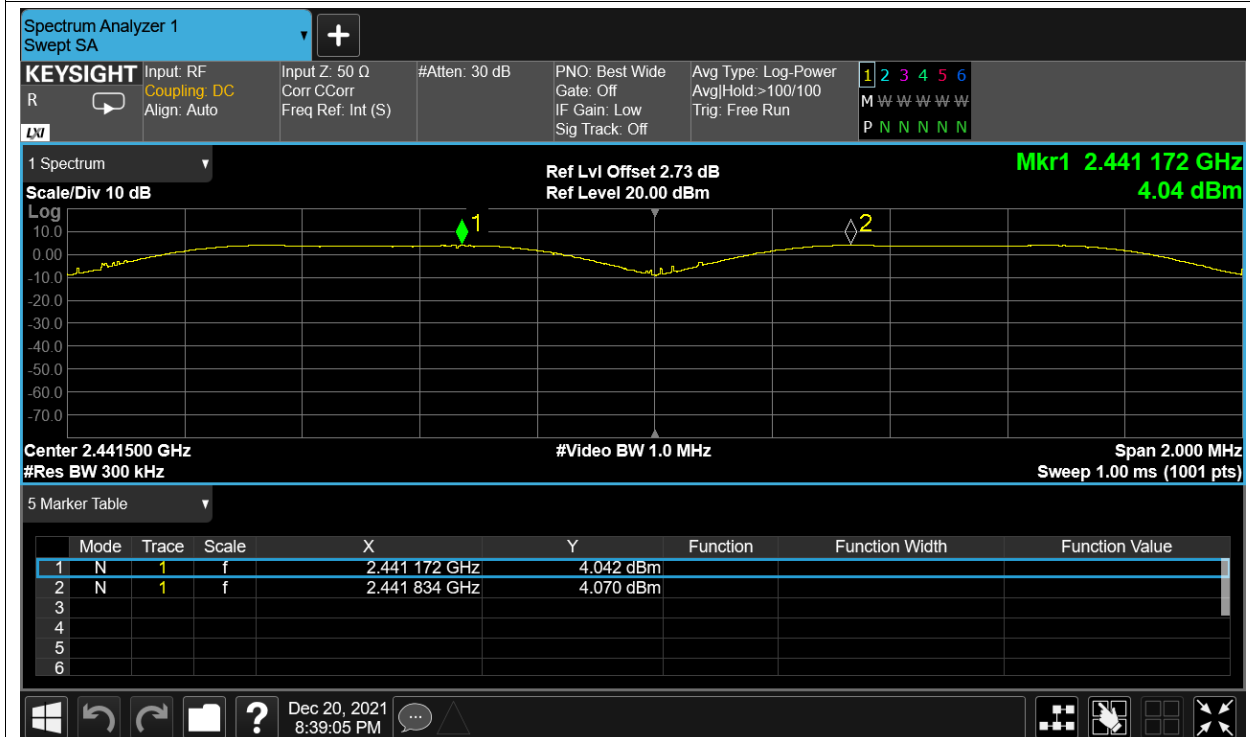
| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH1 | Ant1    | 2402.168            | 2403.162            | 0.994     | 0.918       | Pass    |
| NVNT      | 1-DH1 | Ant1    | 2441.172            | 2441.834            | 0.662     | 0.025       | Pass    |
| NVNT      | 1-DH1 | Ant1    | 2478.826            | 2480.164            | 1.338     | 0.025       | Pass    |
| NVNT      | 2-DH1 | Ant1    | 2402.184            | 2403.148            | 0.964     | 0.025       | Pass    |
| NVNT      | 2-DH1 | Ant1    | 2440.834            | 2441.824            | 0.99      | 0.025       | Pass    |
| NVNT      | 2-DH1 | Ant1    | 2478.846            | 2479.824            | 0.978     | 0.025       | Pass    |
| NVNT      | 3-DH1 | Ant1    | 2402.164            | 2403.158            | 0.994     | 0.815       | Pass    |
| NVNT      | 3-DH1 | Ant1    | 2440.844            | 2442.162            | 1.318     | 0.813       | Pass    |
| NVNT      | 3-DH1 | Ant1    | 2478.834            | 2479.836            | 1.002     | 0.807       | Pass    |

## Test Graphs

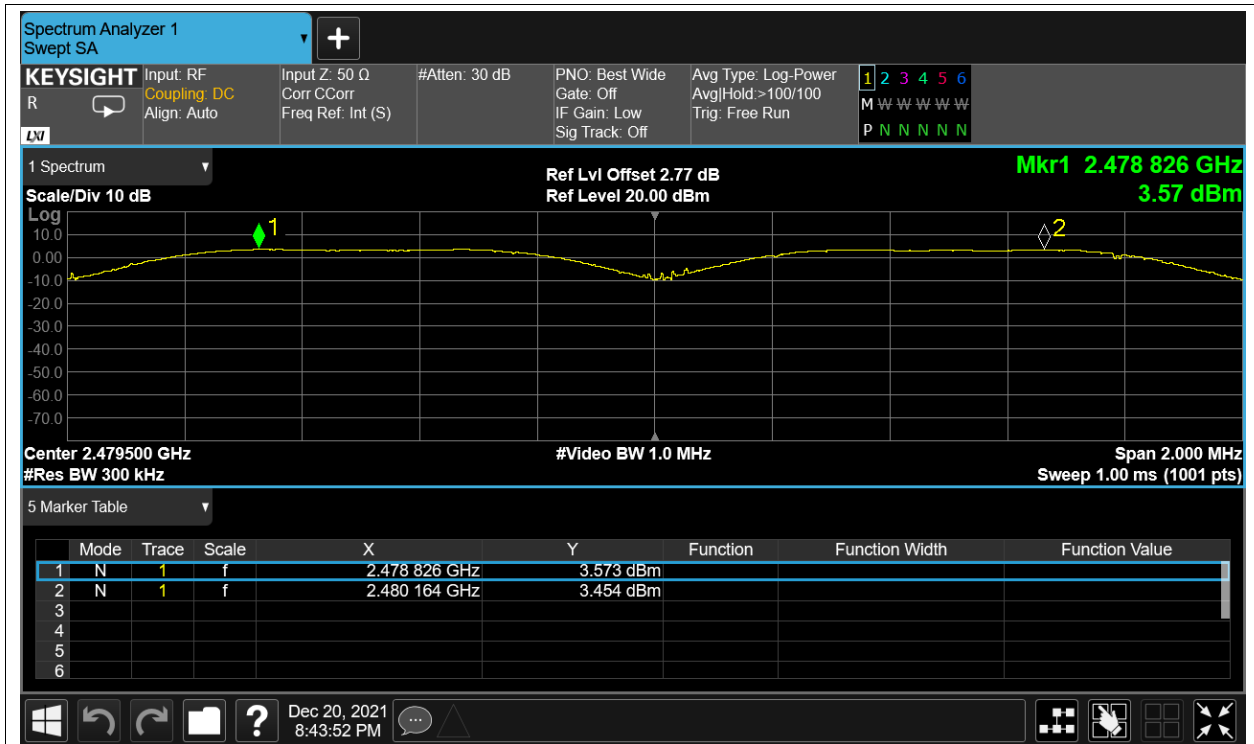
### CFS NVNT 1-DH1 2402MHz Ant1



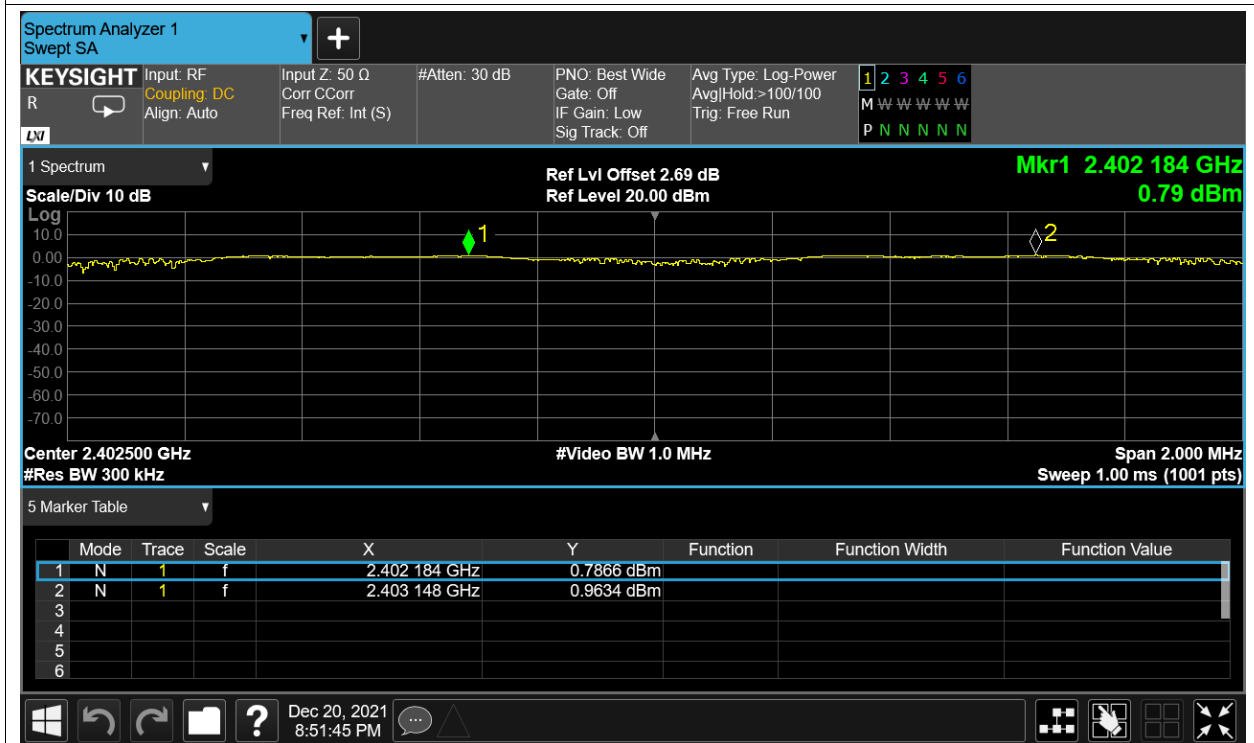
### CFS NVNT 1-DH1 2441MHz Ant1



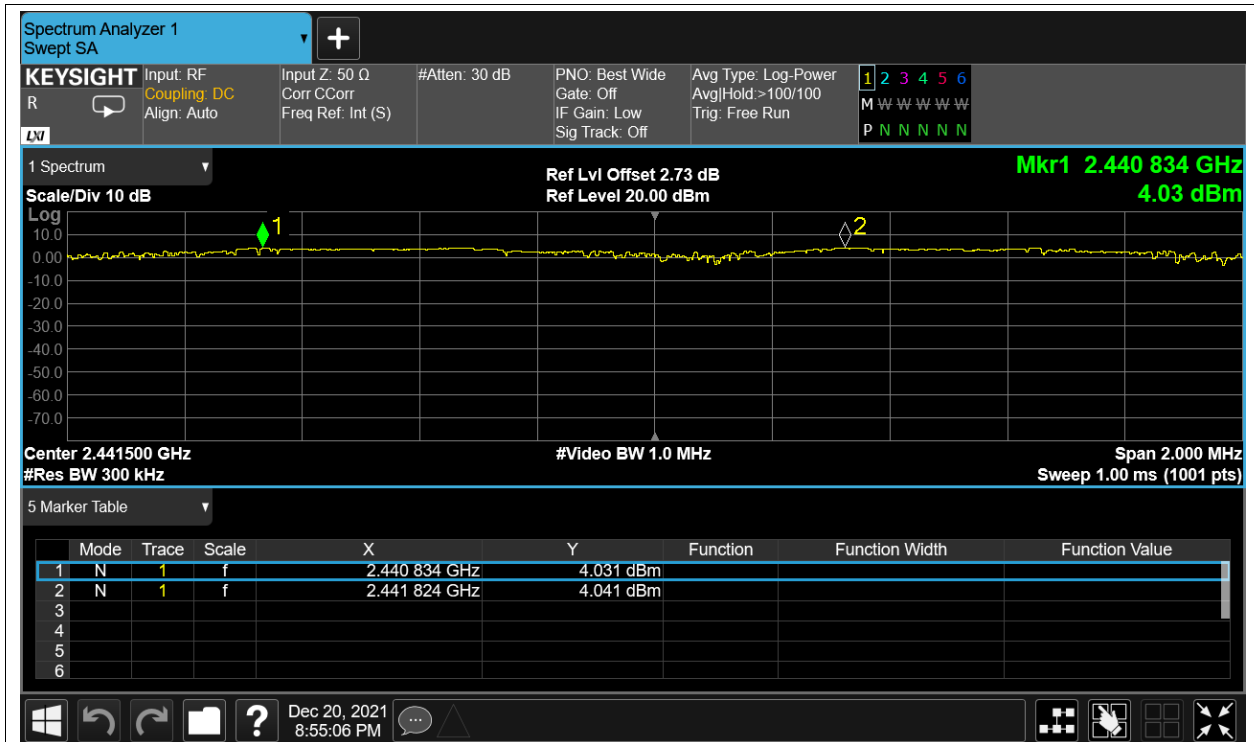
### CFS NVNT 1-DH1 2480MHz Ant1



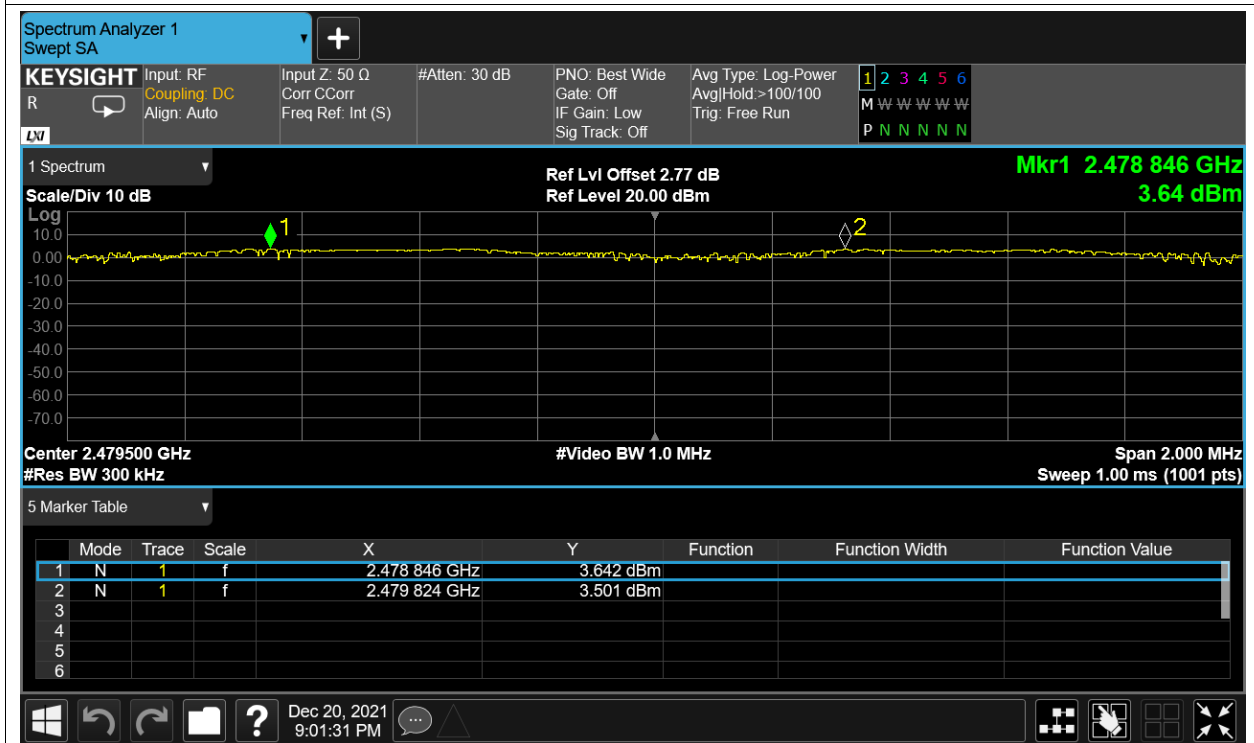
CFS NVNT 2-DH1 2402MHz Ant1



CFS NVNT 2-DH1 2441MHz Ant1

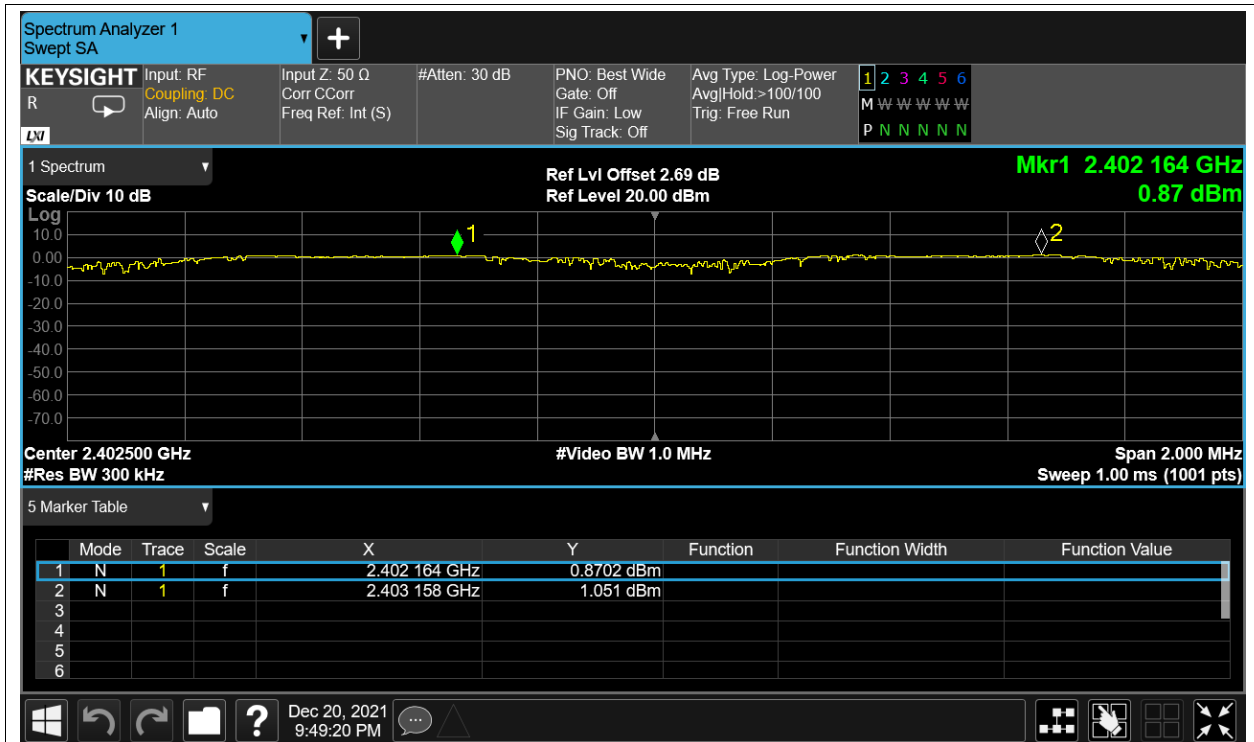


CFS NVNT 2-DH1 2480MHz Ant1

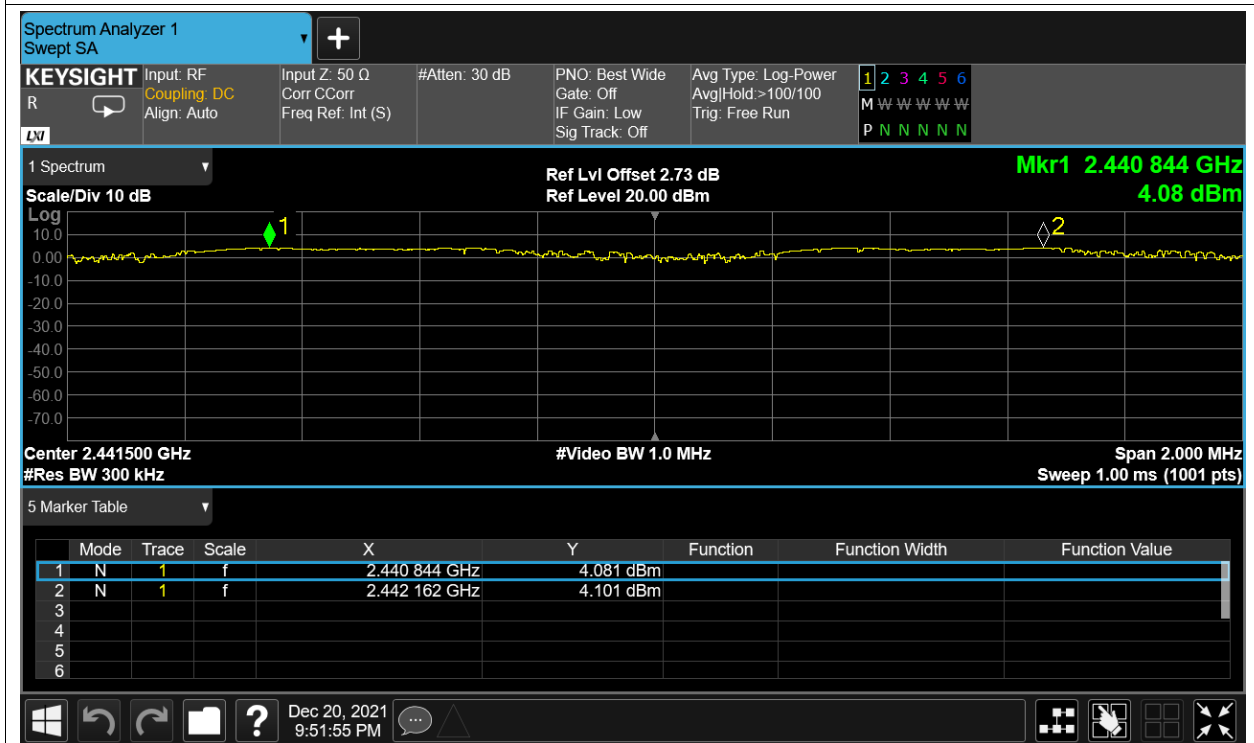


CFS NVNT 3-DH1 2402MHz Ant1

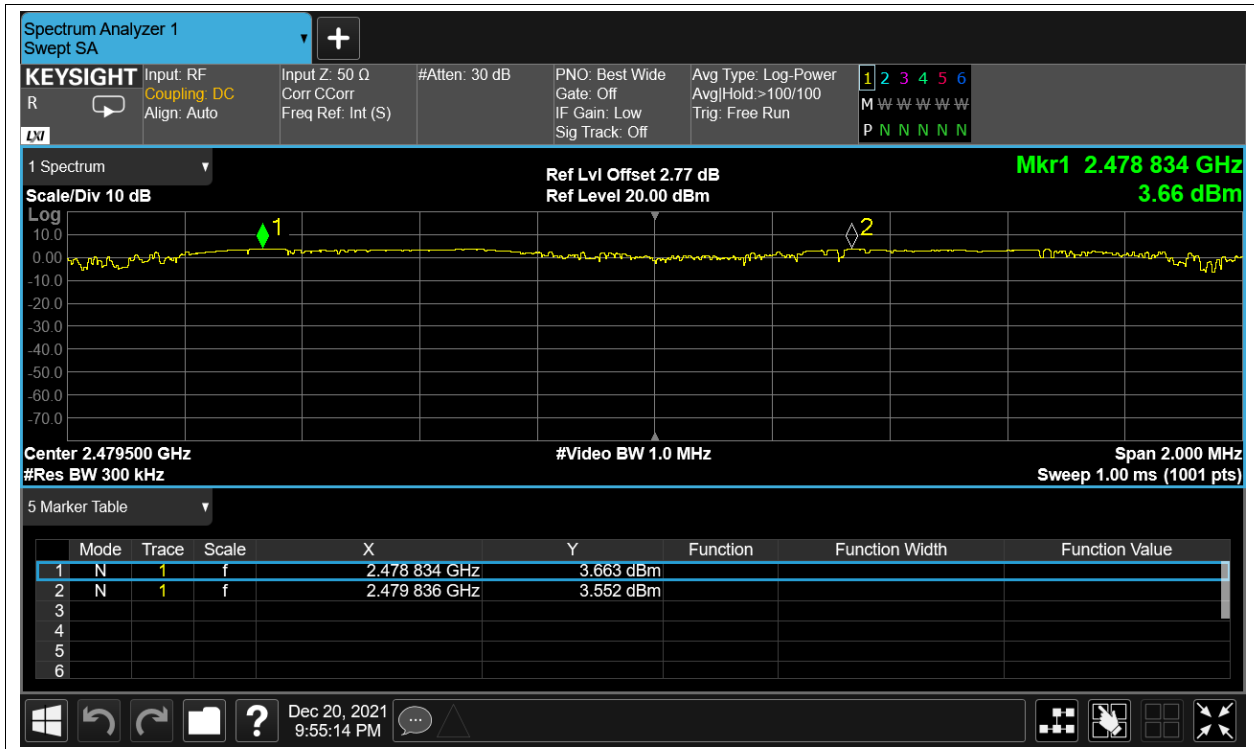




CFS NVNT 3-DH1 2441MHz Ant1



CFS NVNT 3-DH1 2480MHz Ant1

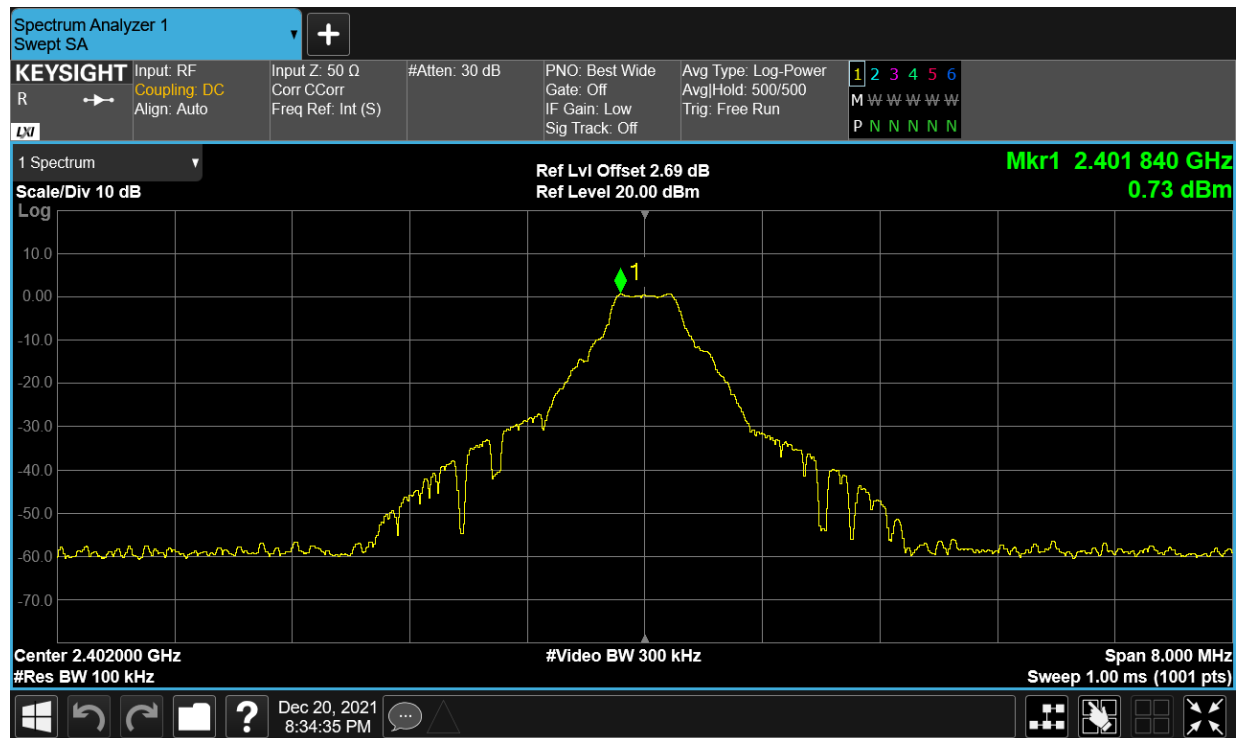


## Band Edge

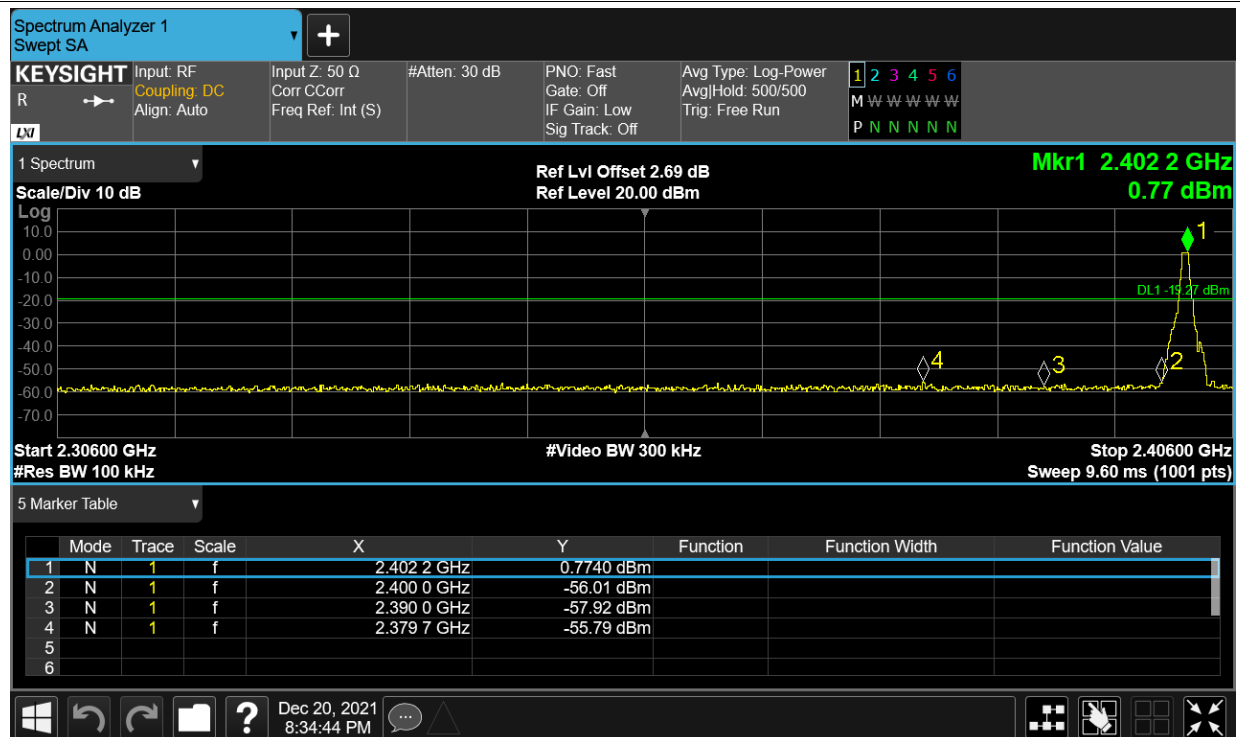
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | -56.51          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | -58.74          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | -56.1           | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | -58.85          | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | -57.15          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | -59.09          | -20         | Pass    |

## Test Graphs

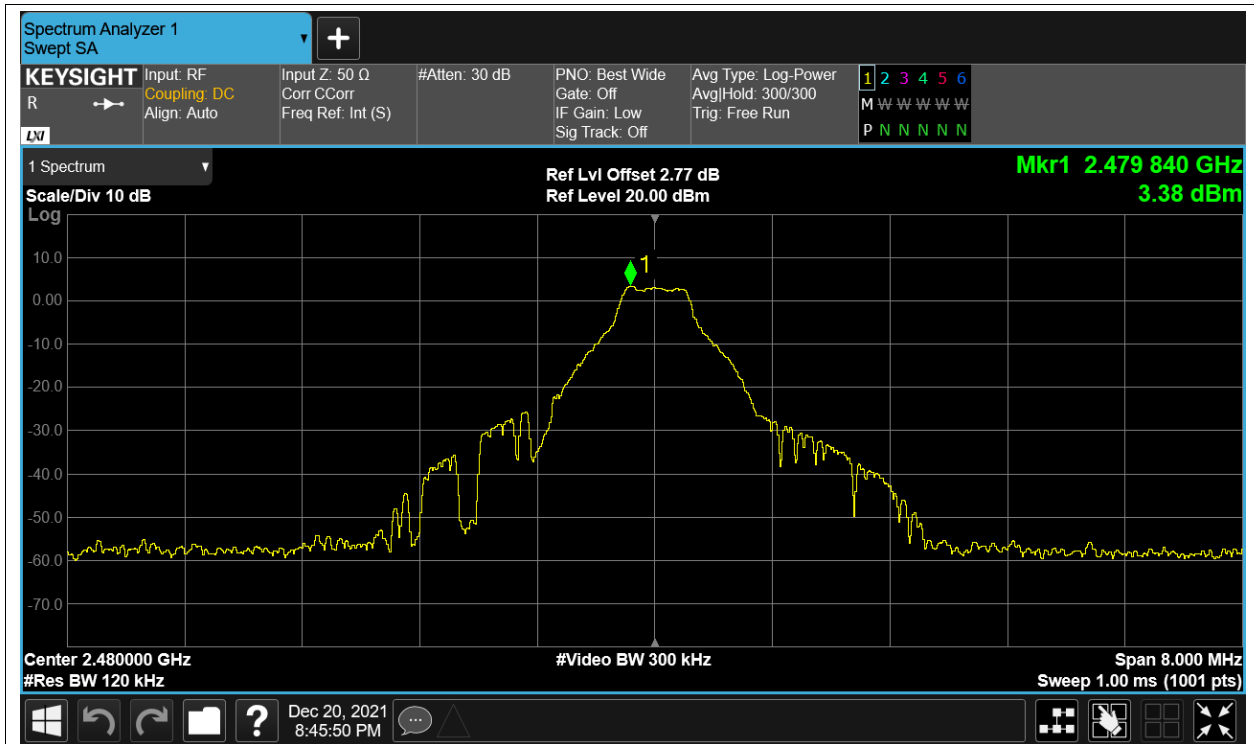
### Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



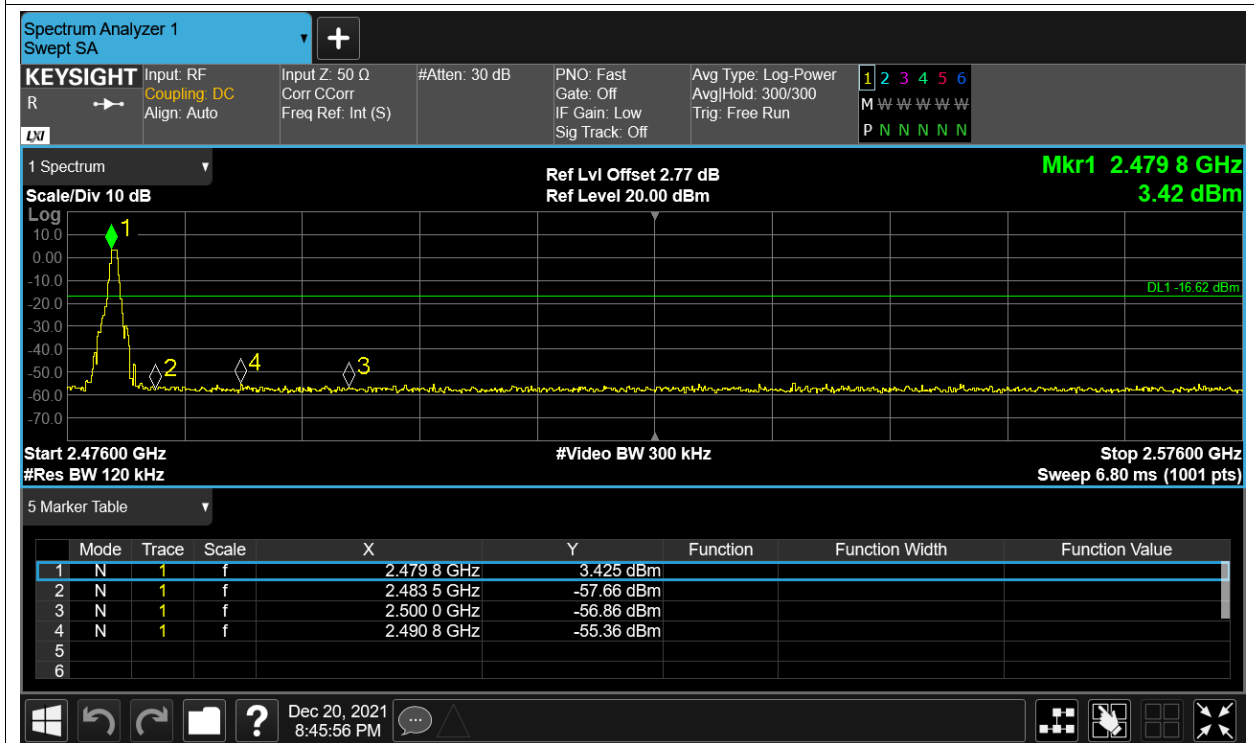
### Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



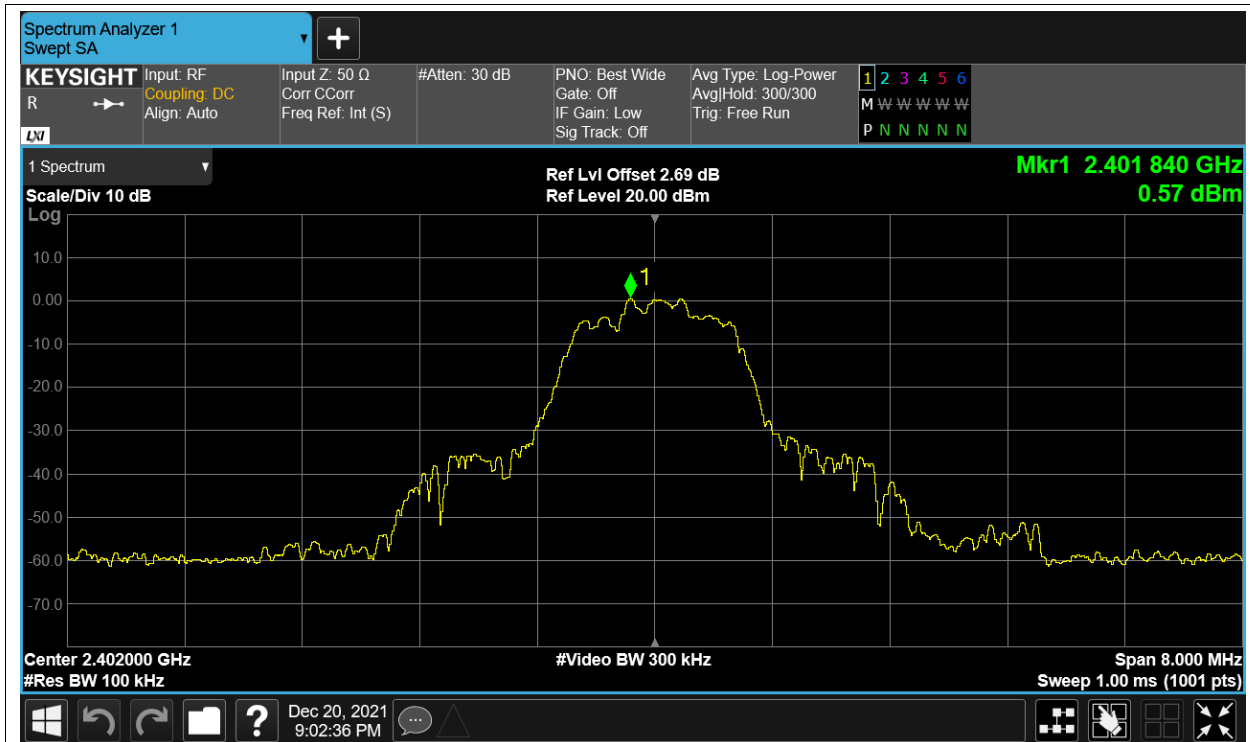
### Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



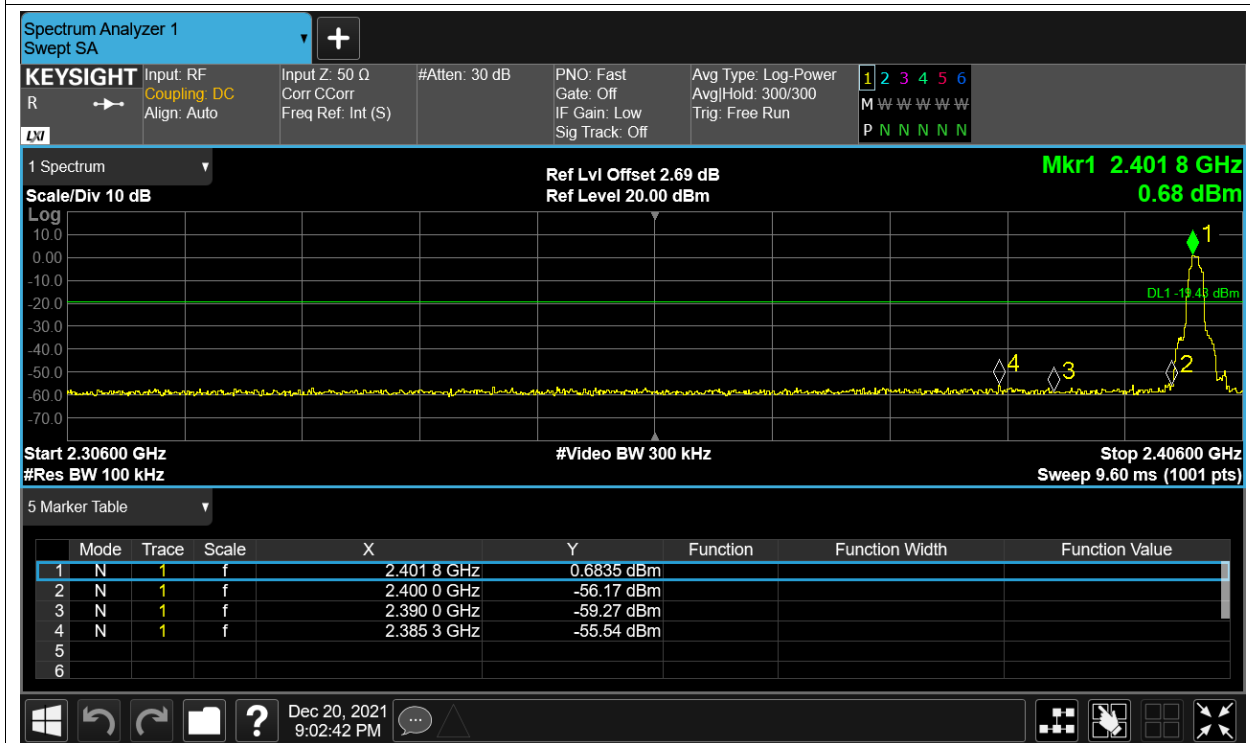
Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



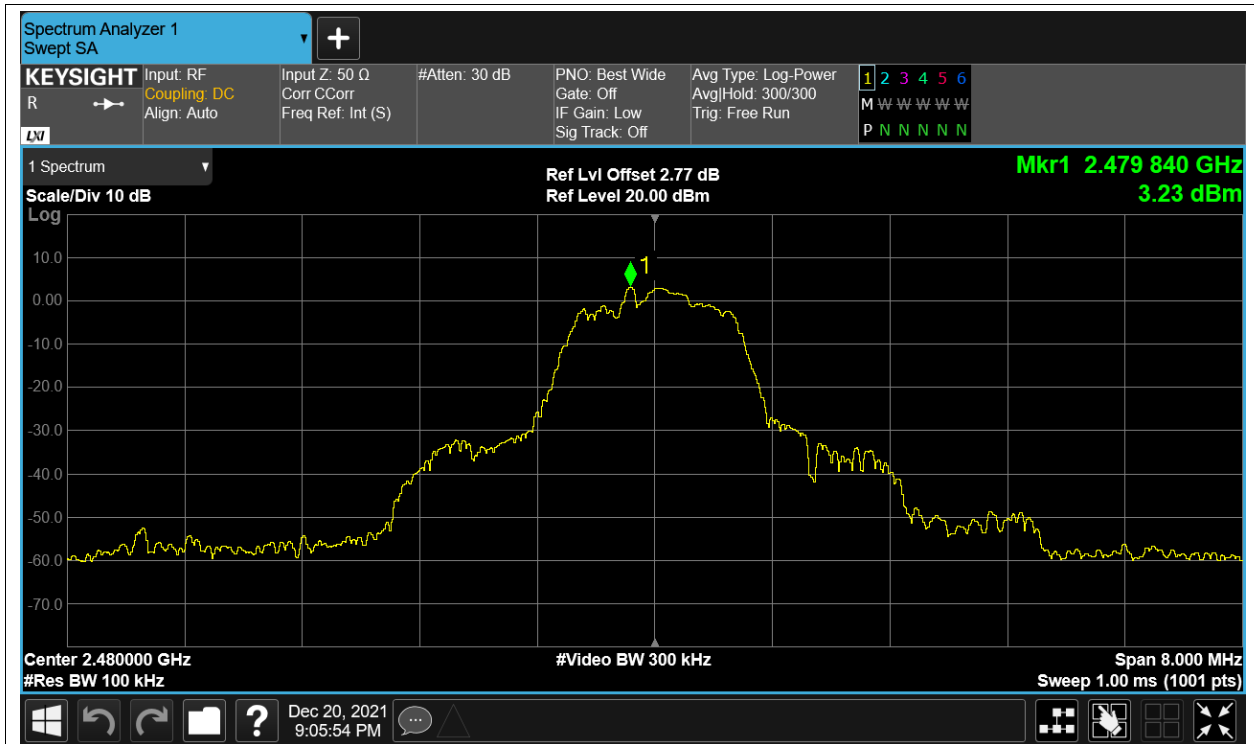
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



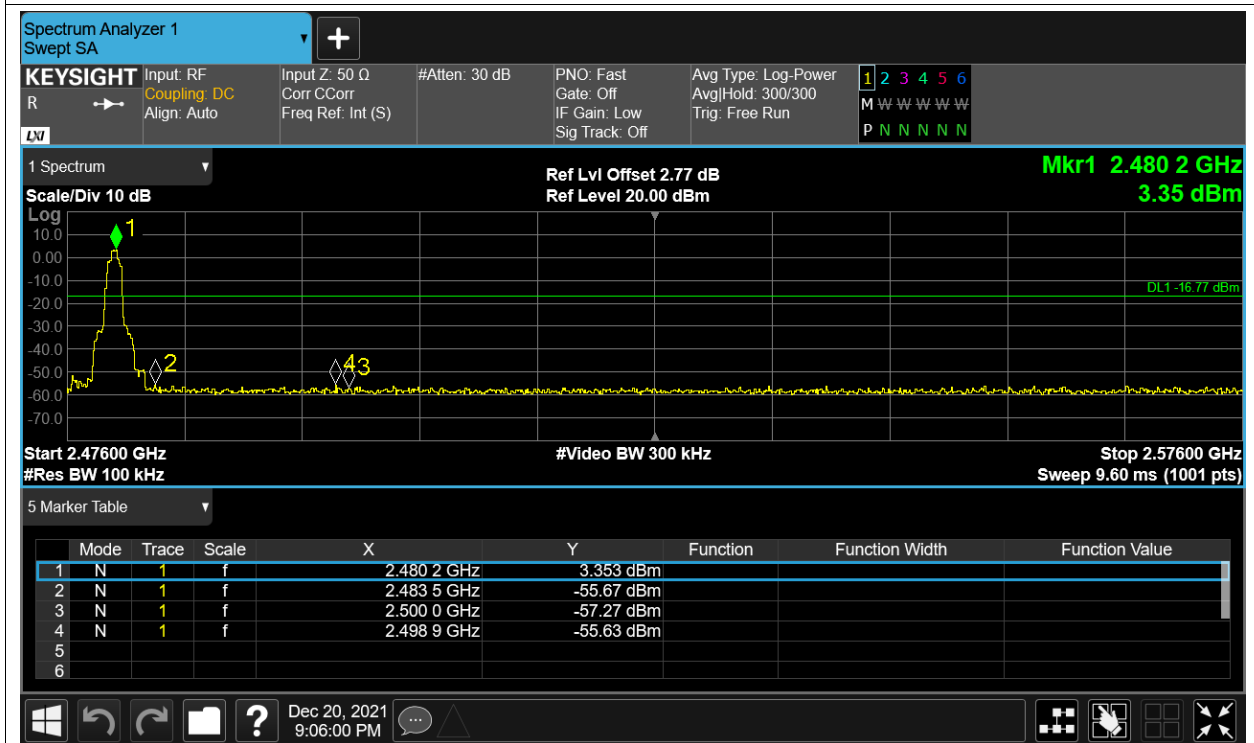
Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



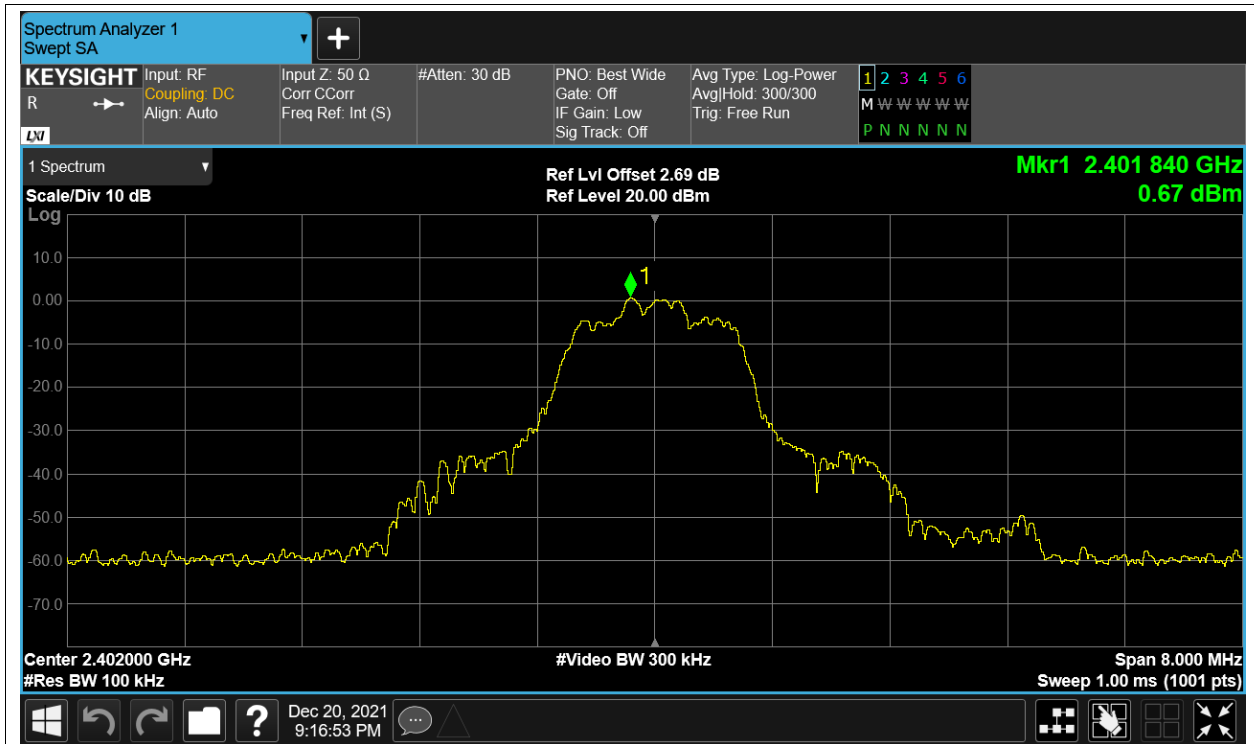
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



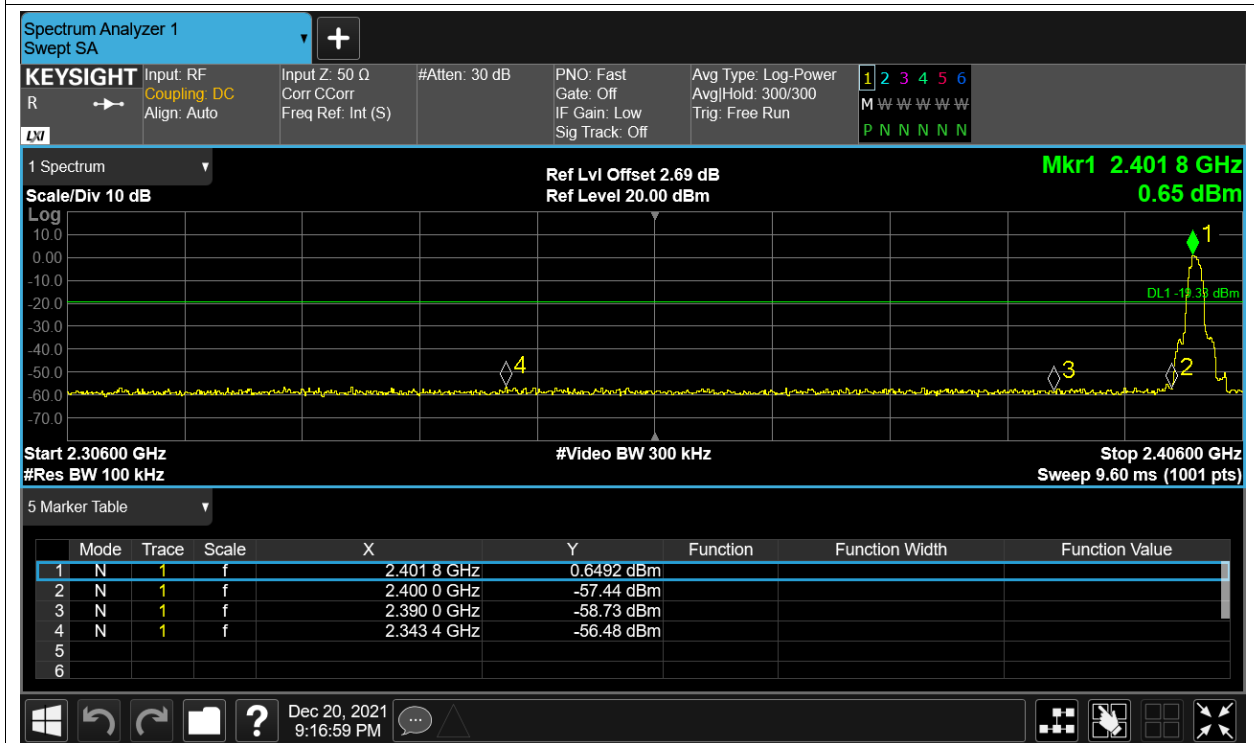
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Ref

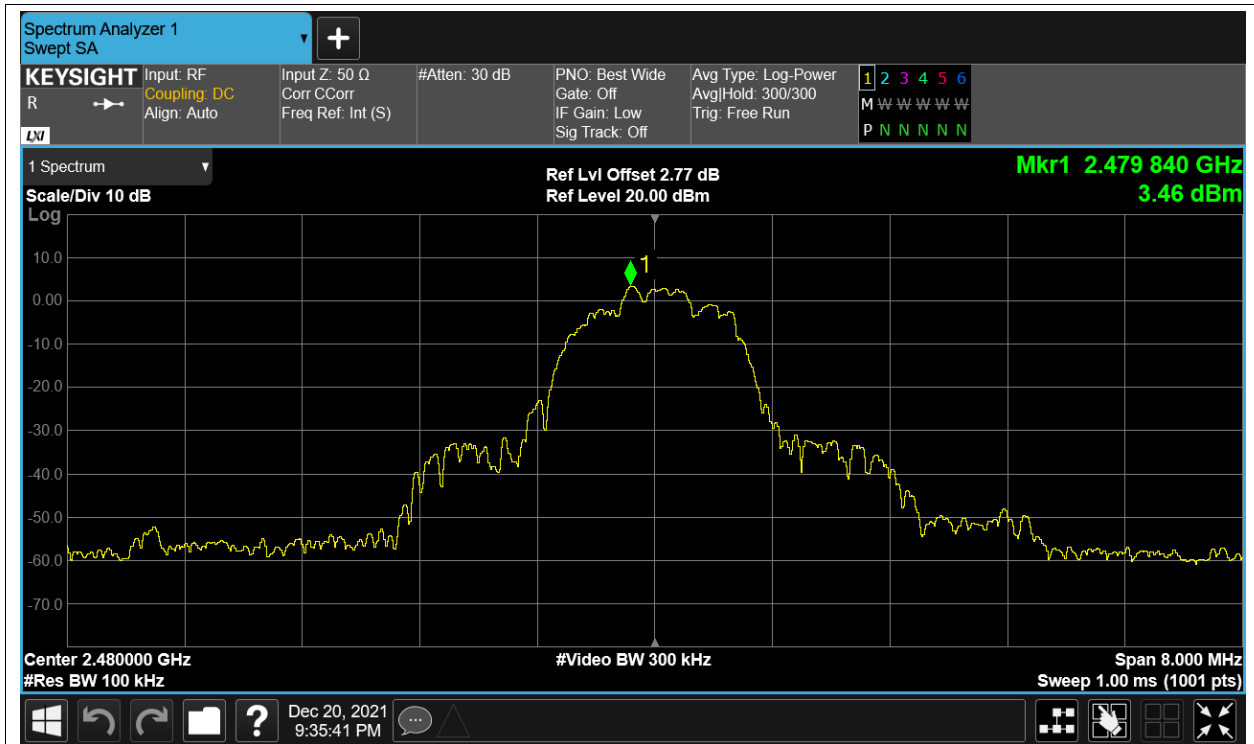


Band Edge NVNT 3-DH1 2402MHz Ant1 No-Hopping Emission

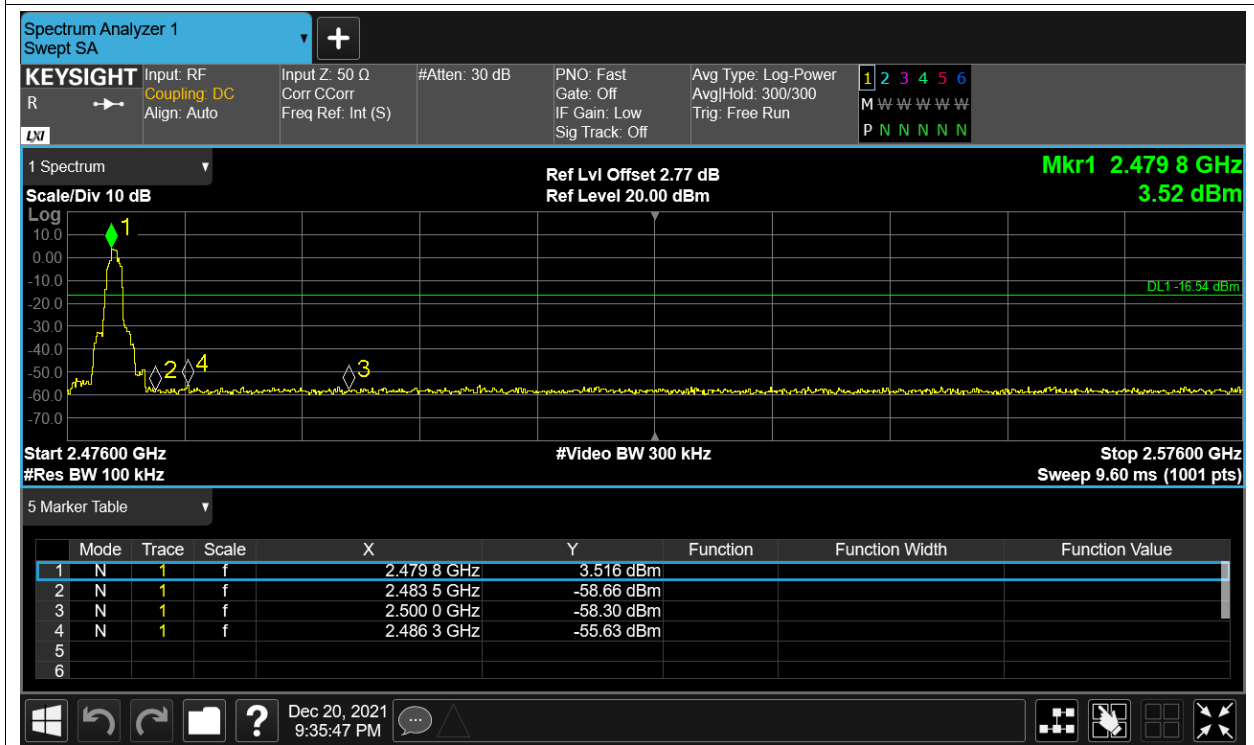


Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Ref





Band Edge NVNT 3-DH1 2480MHz Ant1 No-Hopping Emission

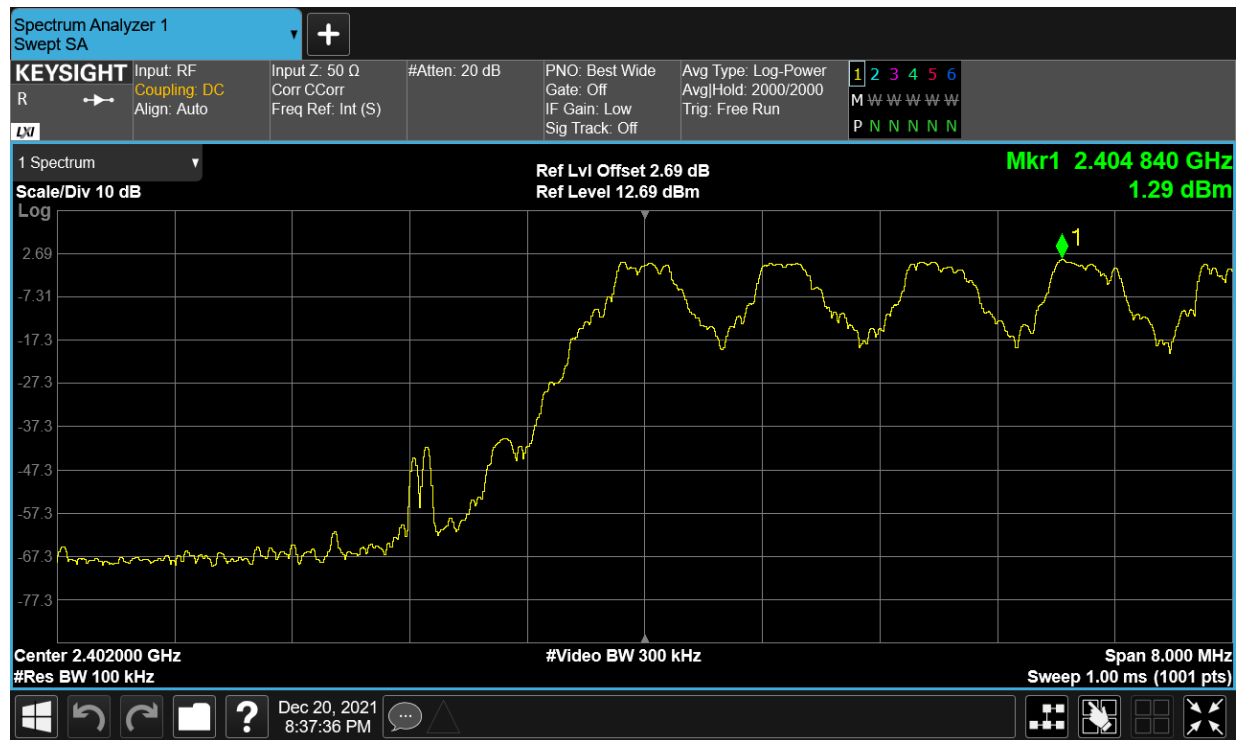


## Band Edge(Hopping)

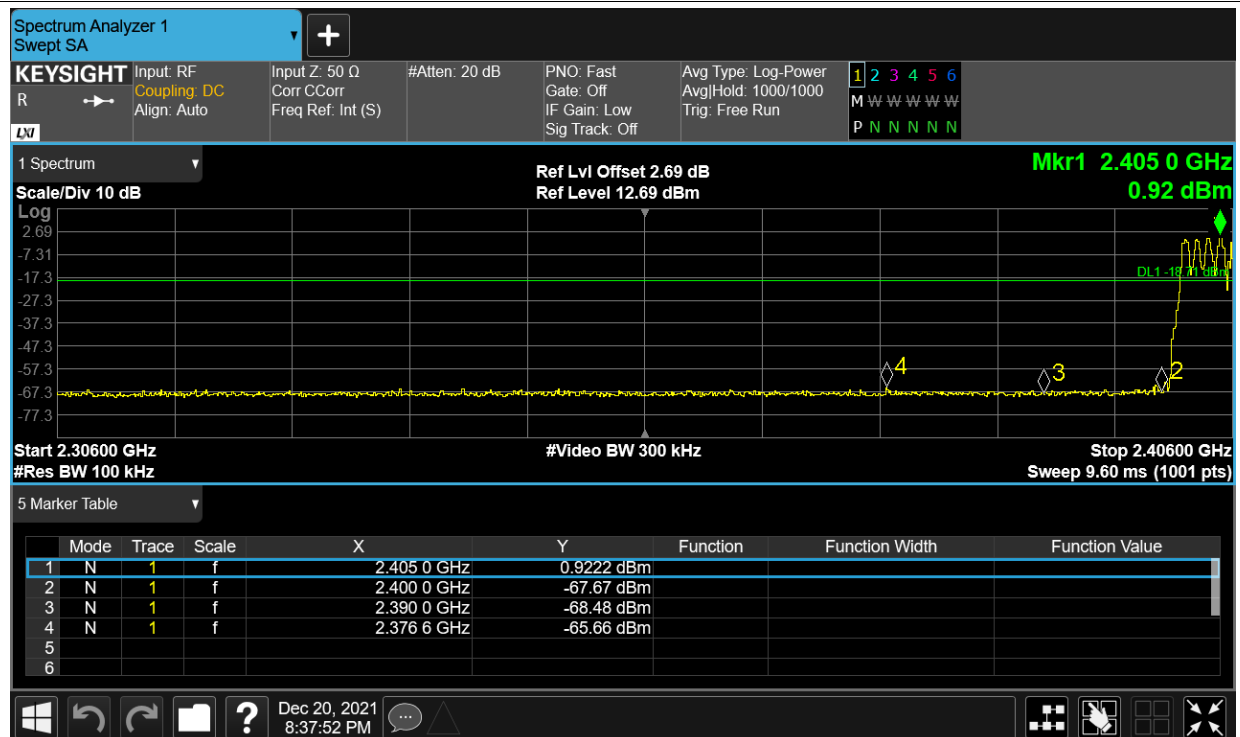
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | Hopping      | -66.94          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | Hopping      | -59.18          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | Hopping      | -55.99          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | Hopping      | -58.57          | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | Hopping      | -56.67          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | Hopping      | -58.77          | -20         | Pass    |

## Test Graphs

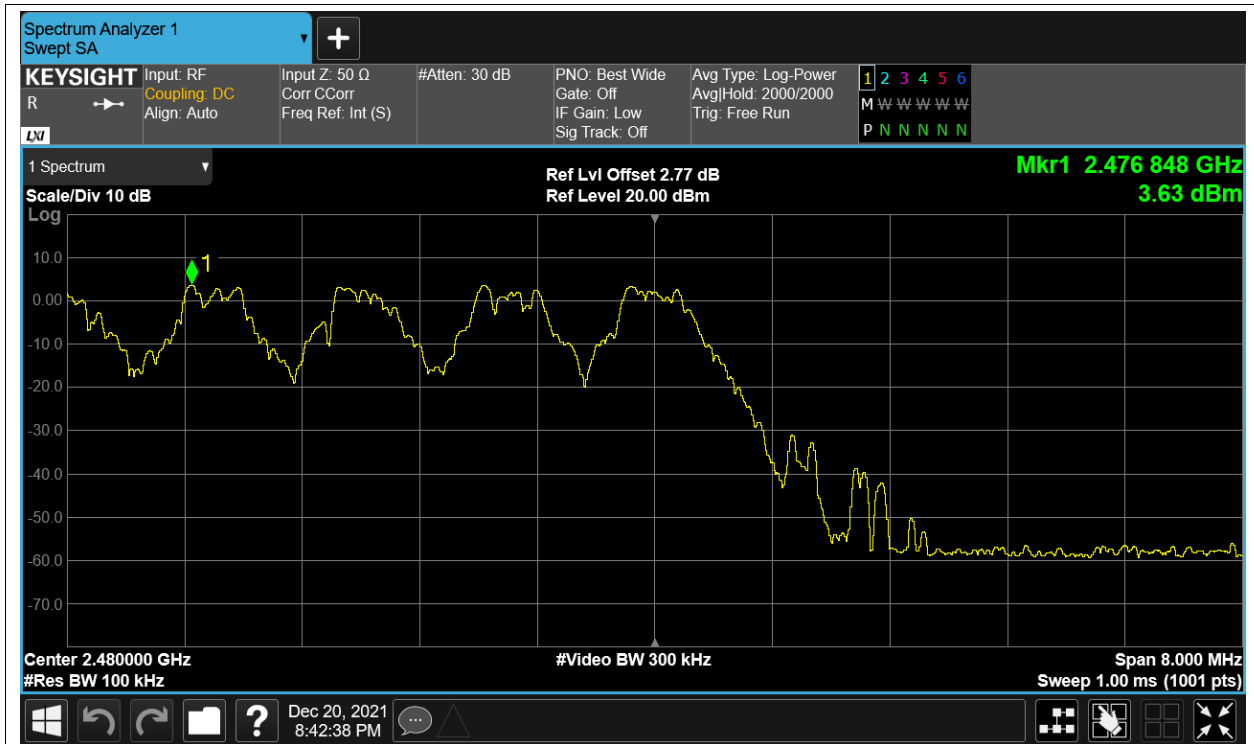
## Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



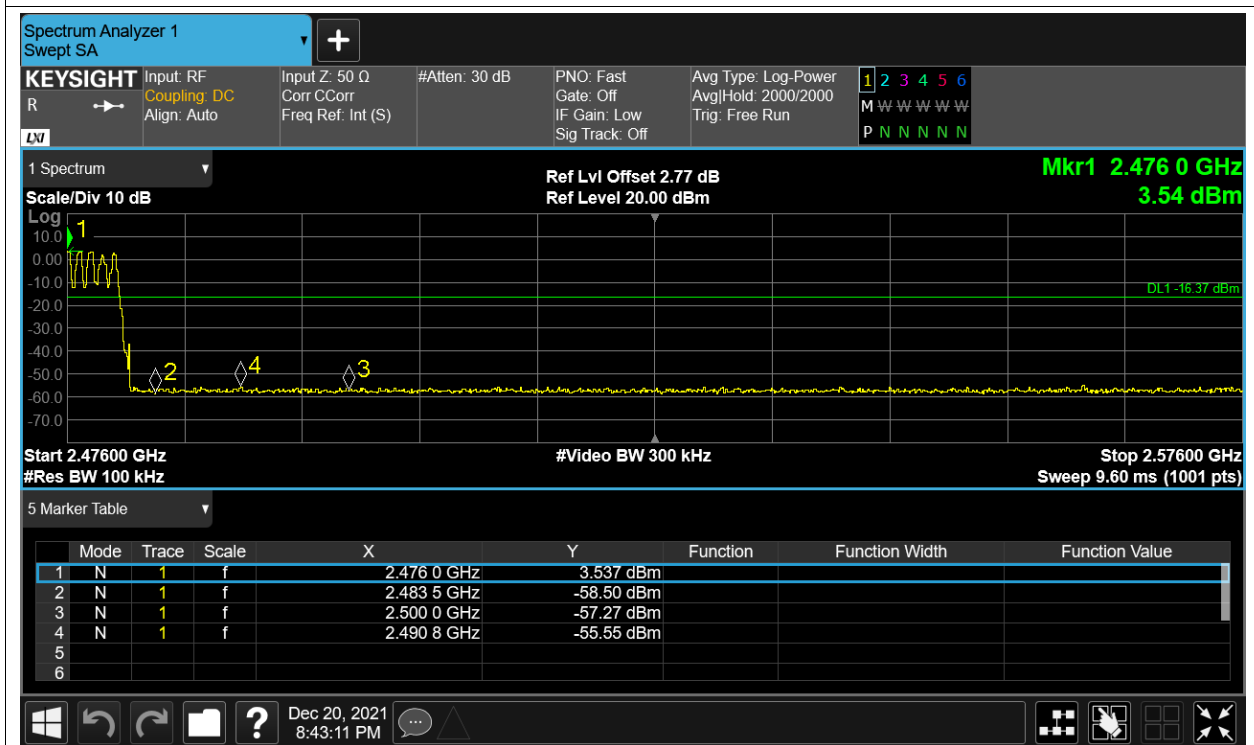
## Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission



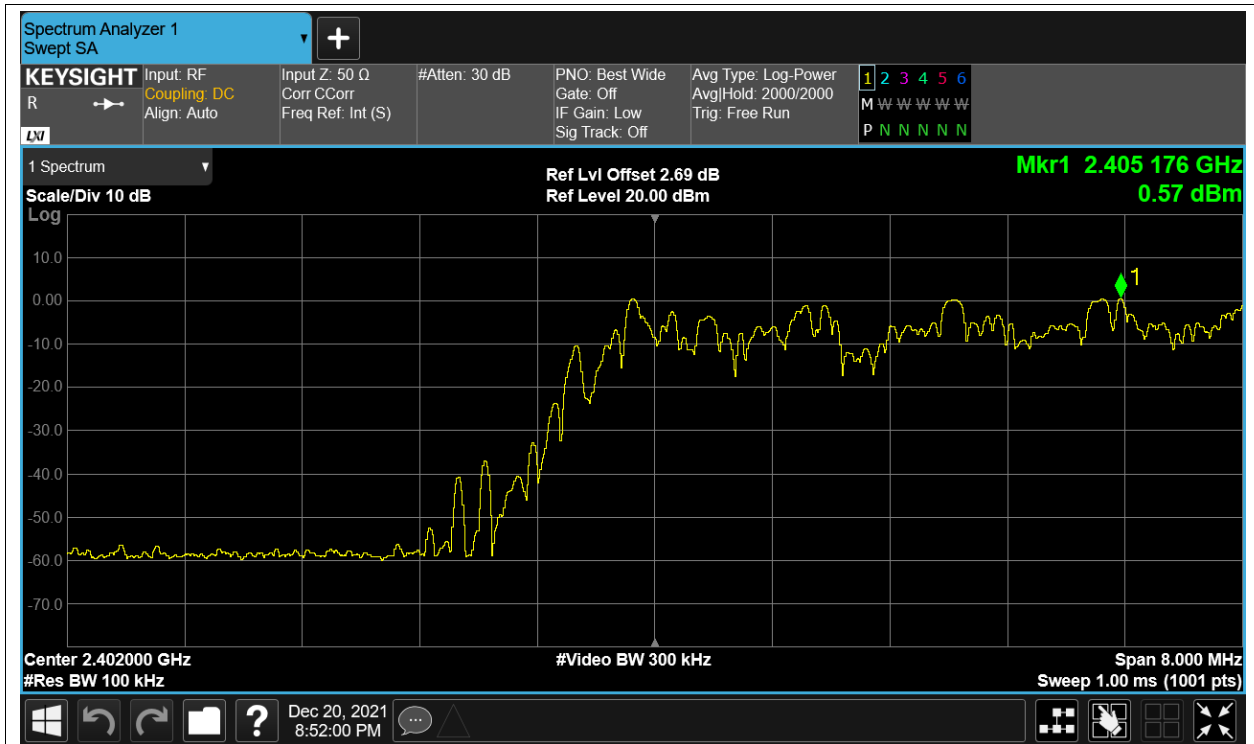
## Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



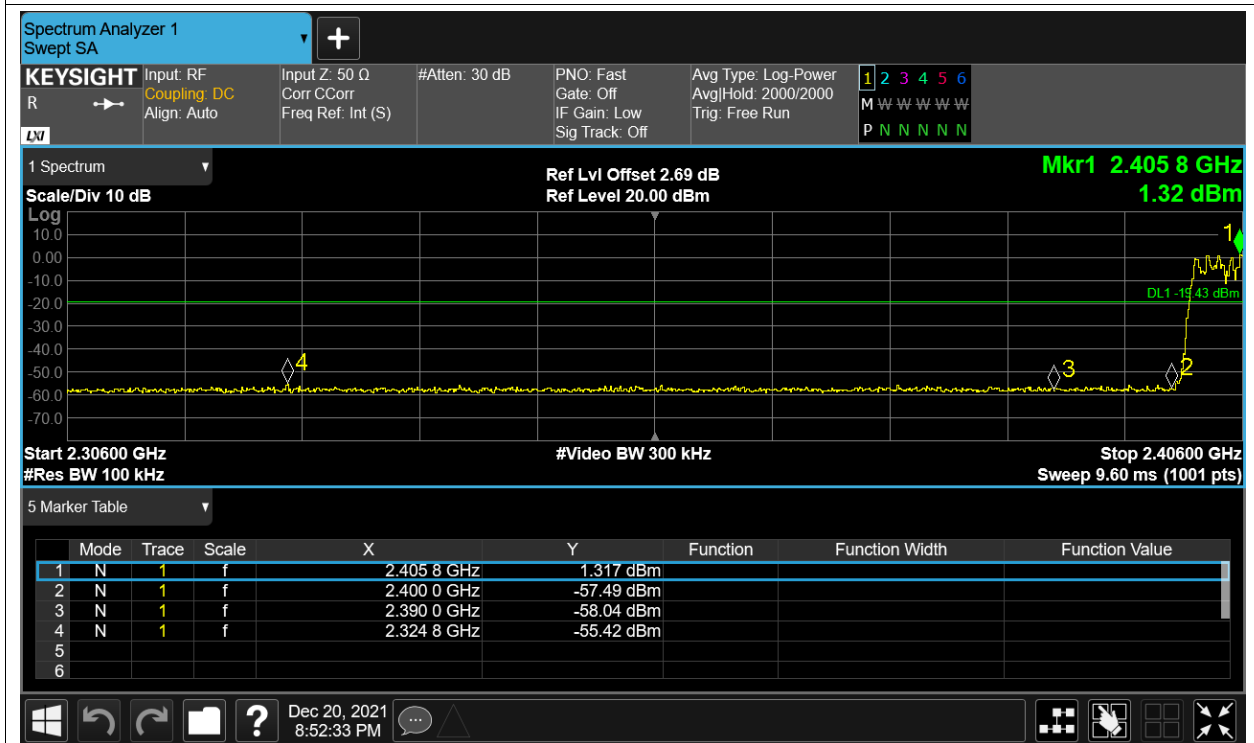
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref



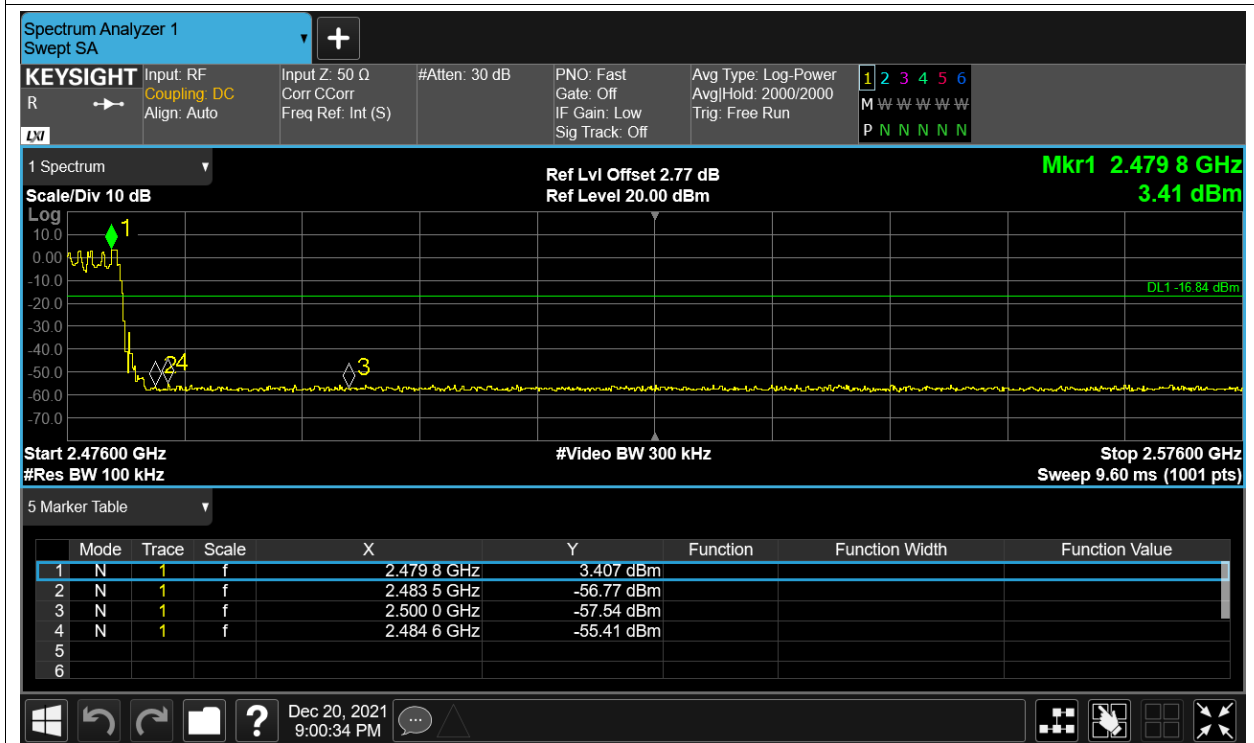
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission



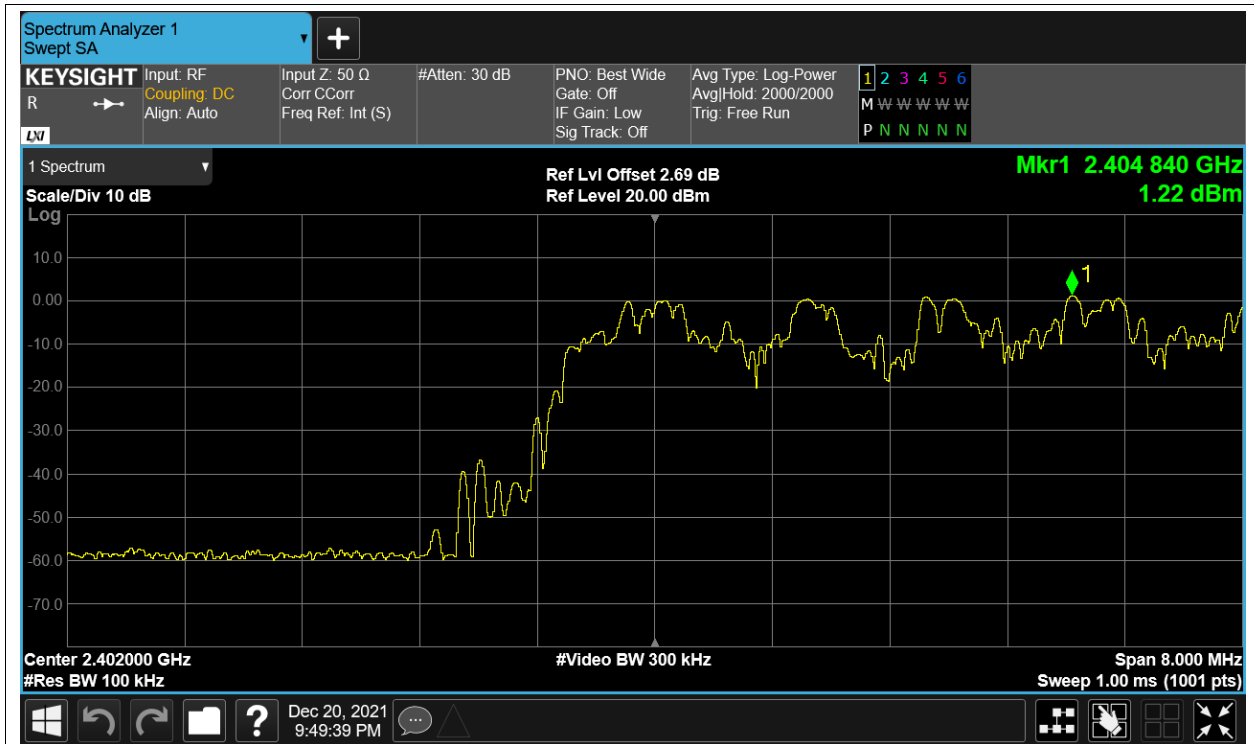
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



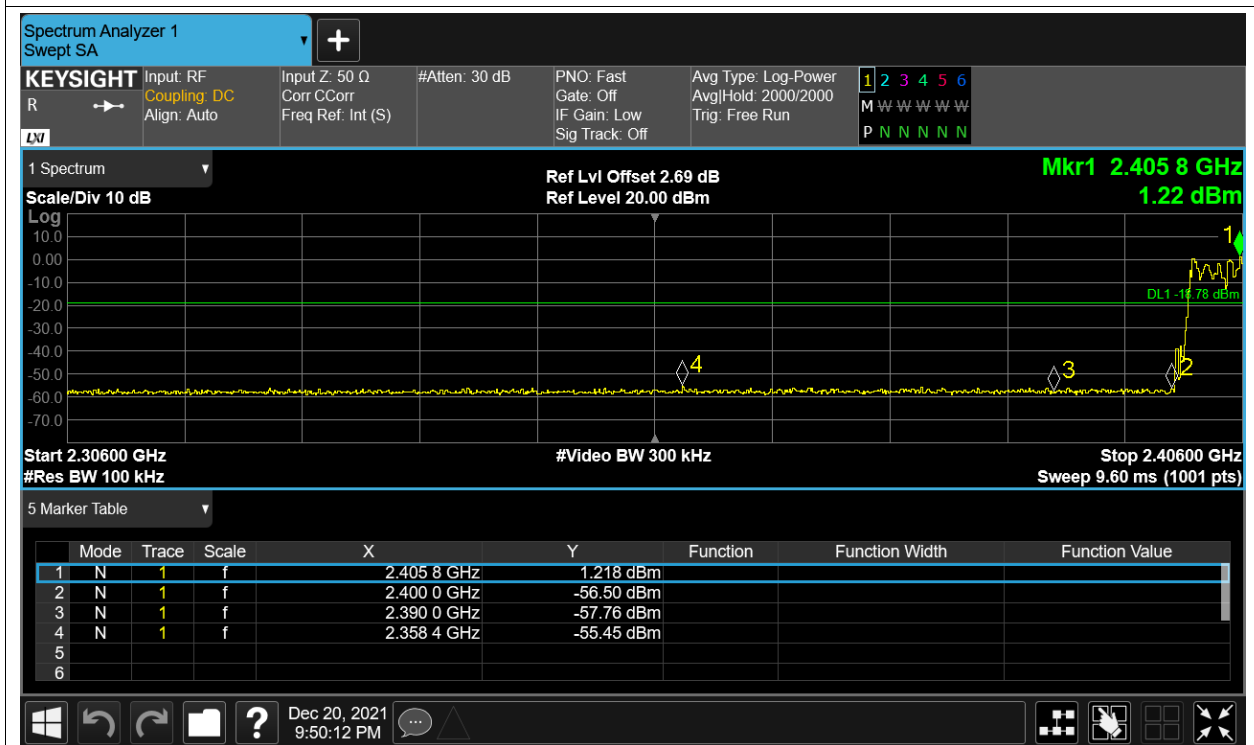
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission



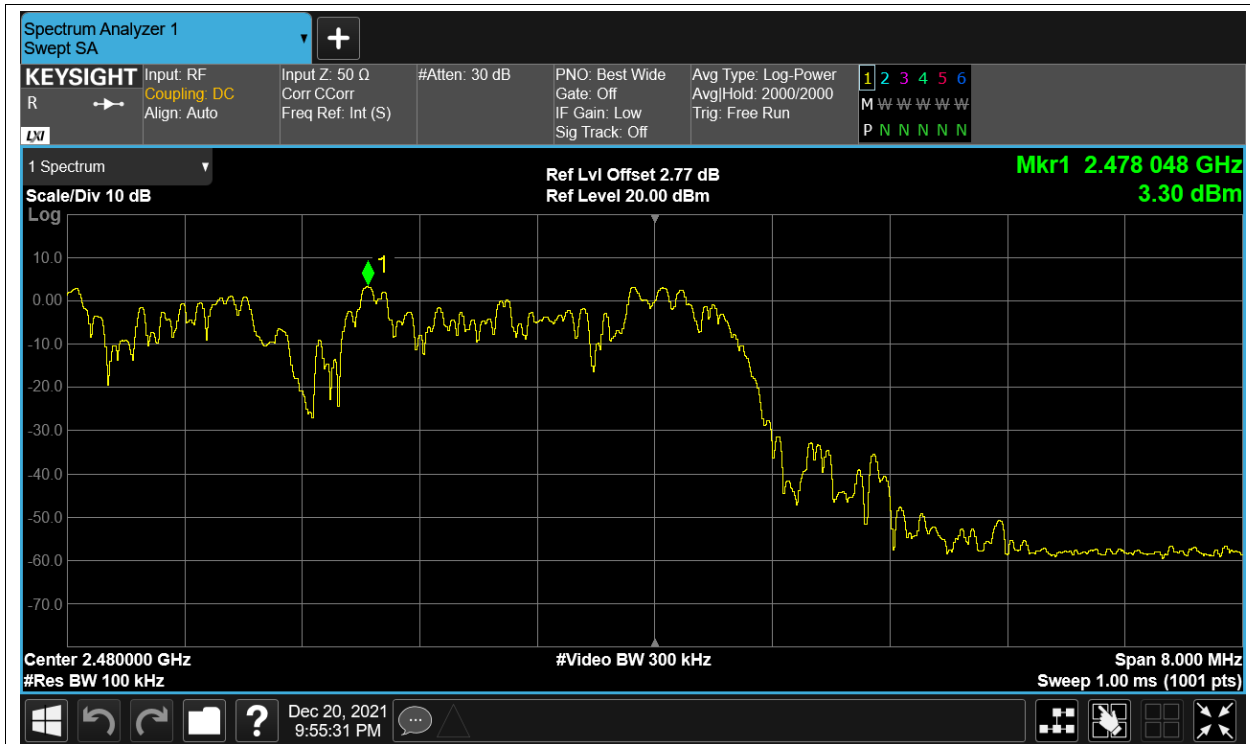
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



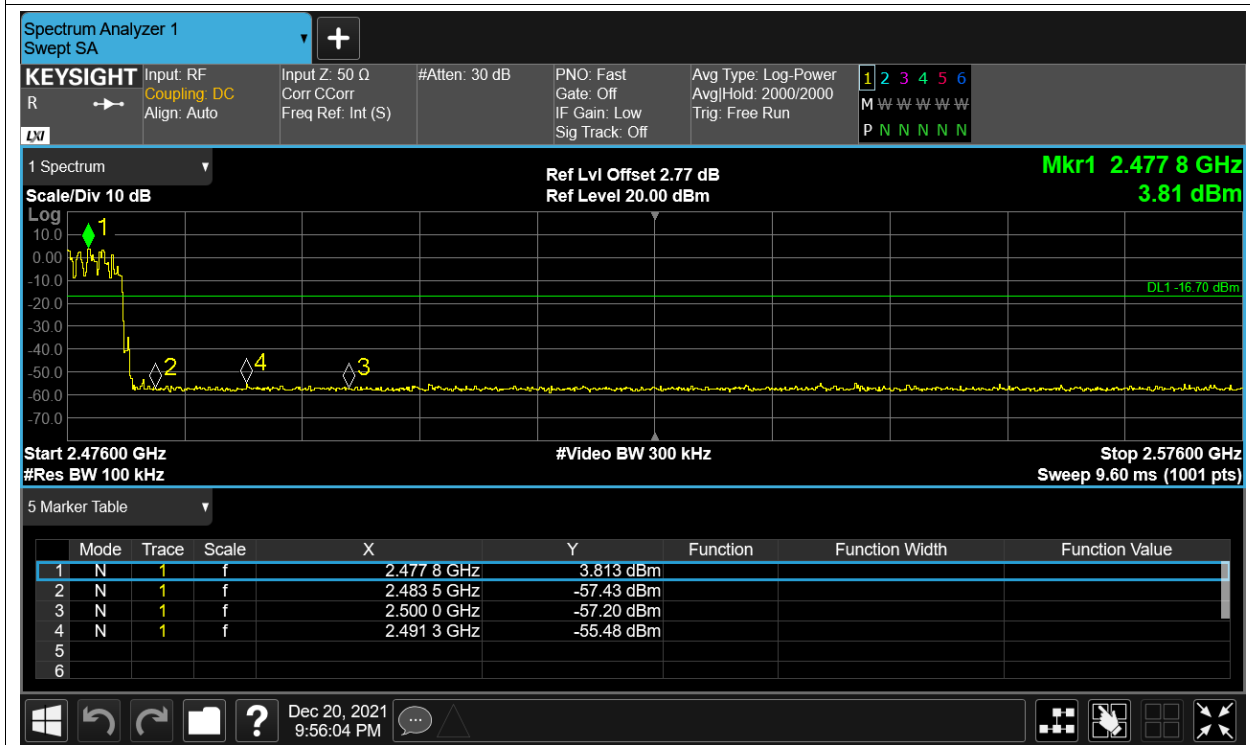
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission



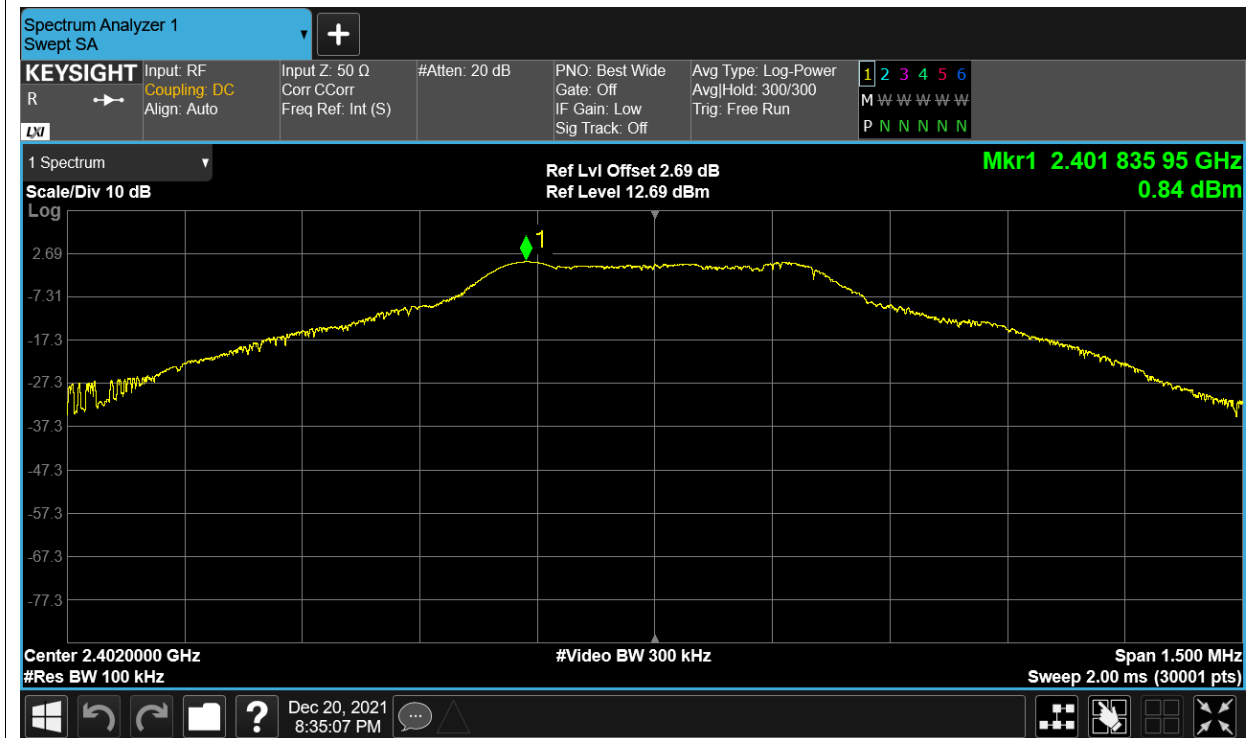


## Conducted RF Spurious Emission

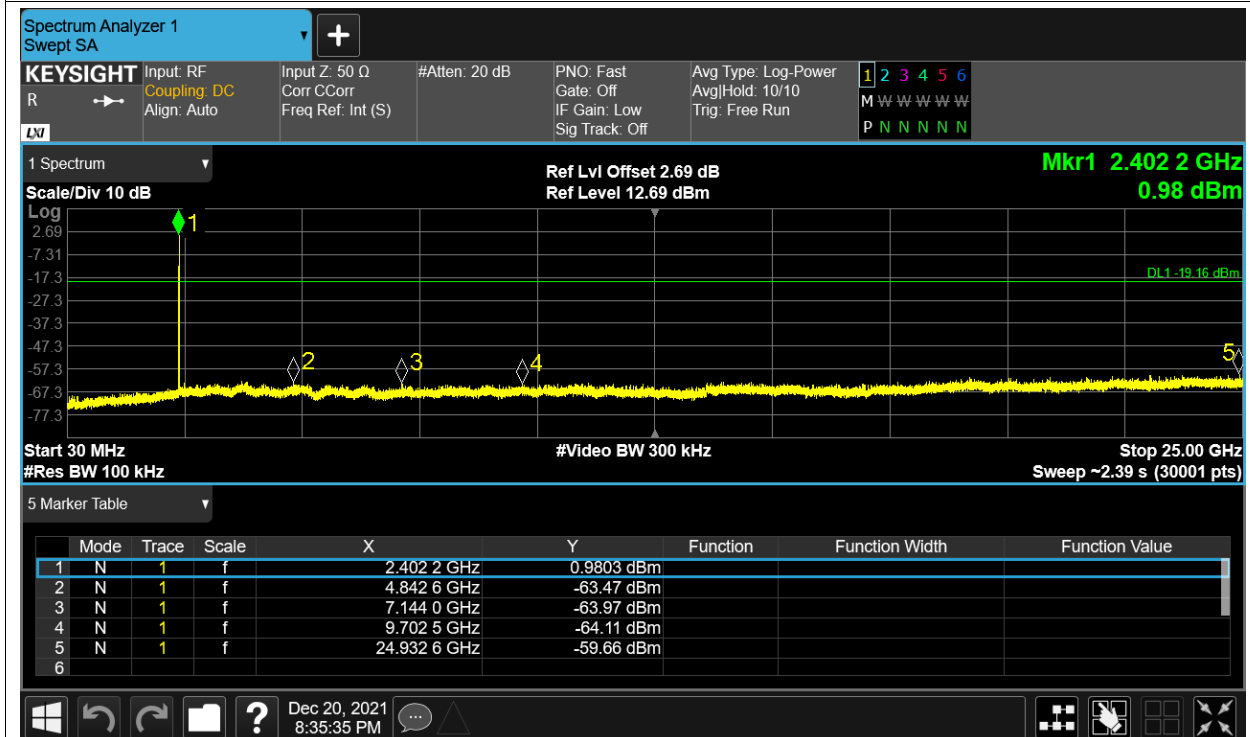
| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | -60.5           | -20         | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | -64.03          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | -62.81          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | -60.5           | -20         | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | -63.78          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | -63.6           | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | -60.62          | -20         | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | -63.65          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | -62.96          | -20         | Pass    |

## Test Graphs

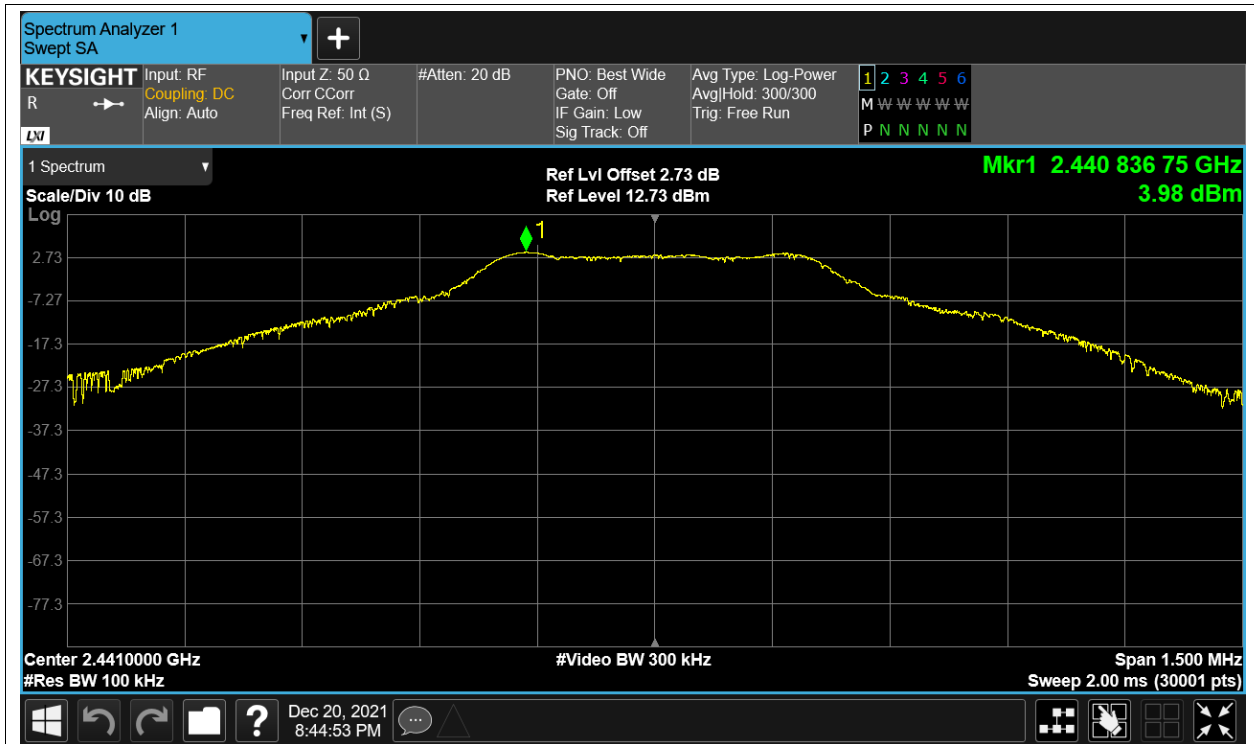
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



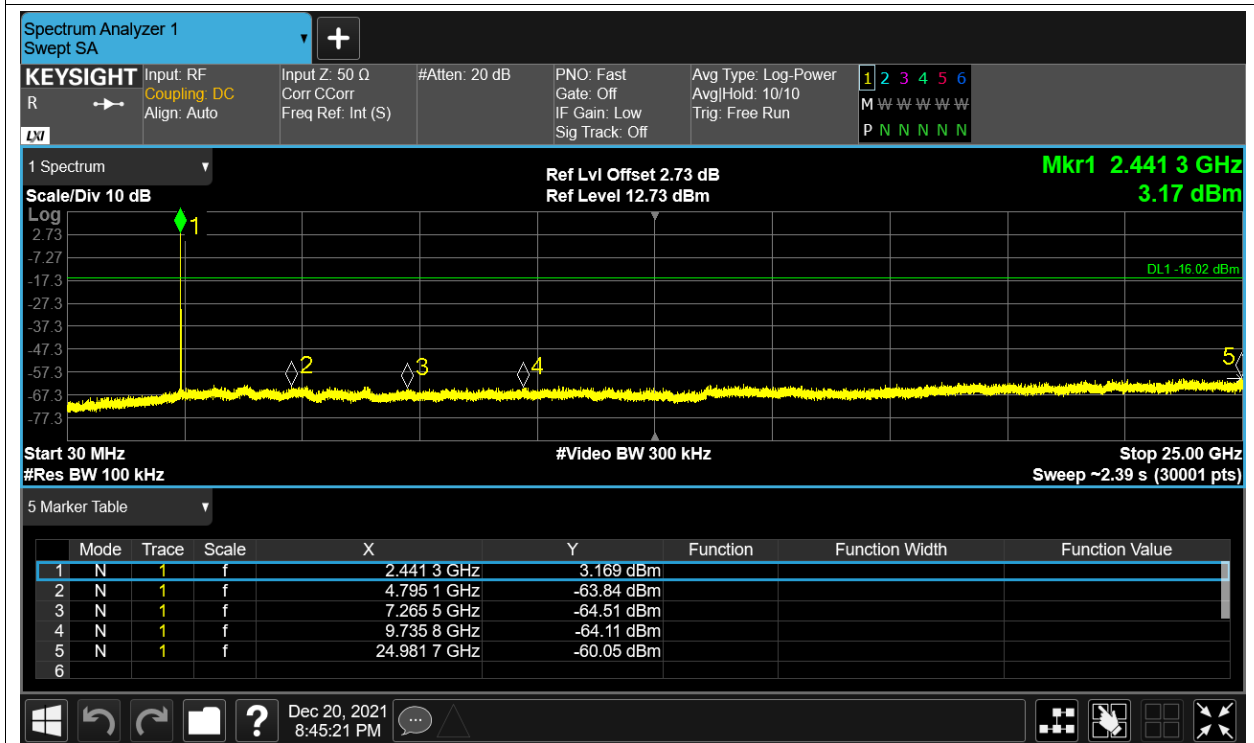
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



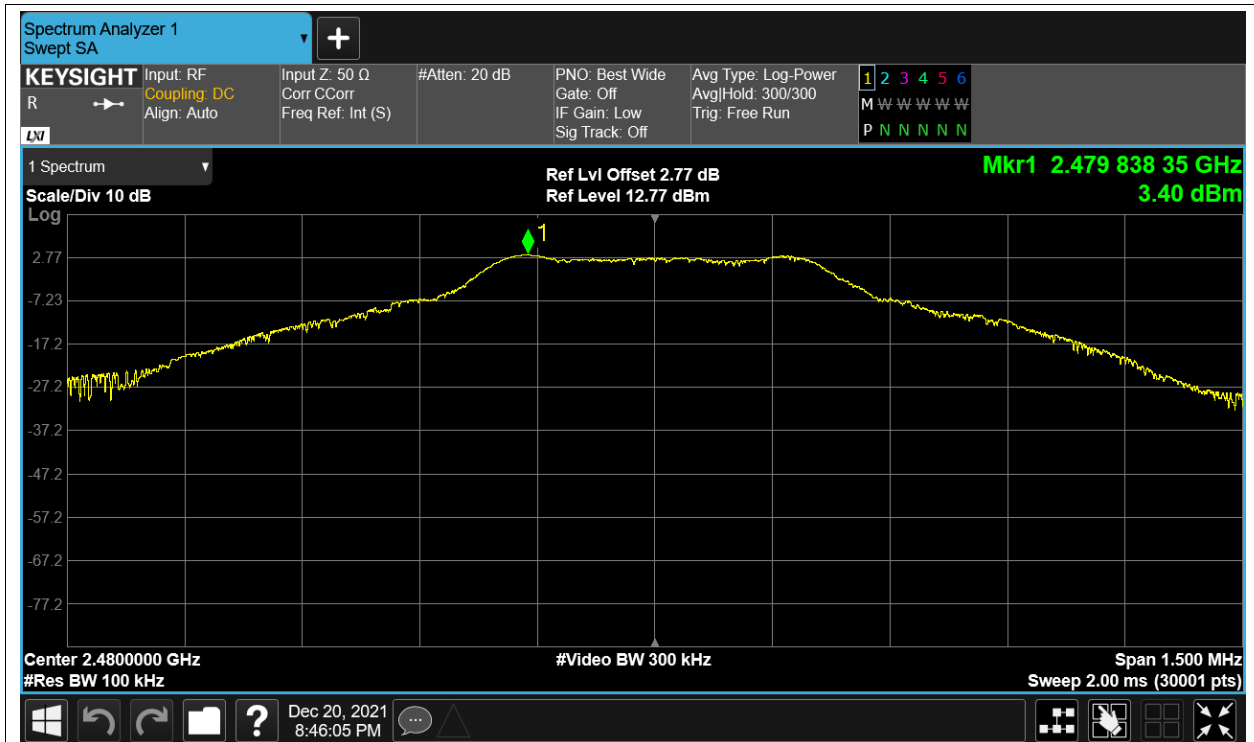
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



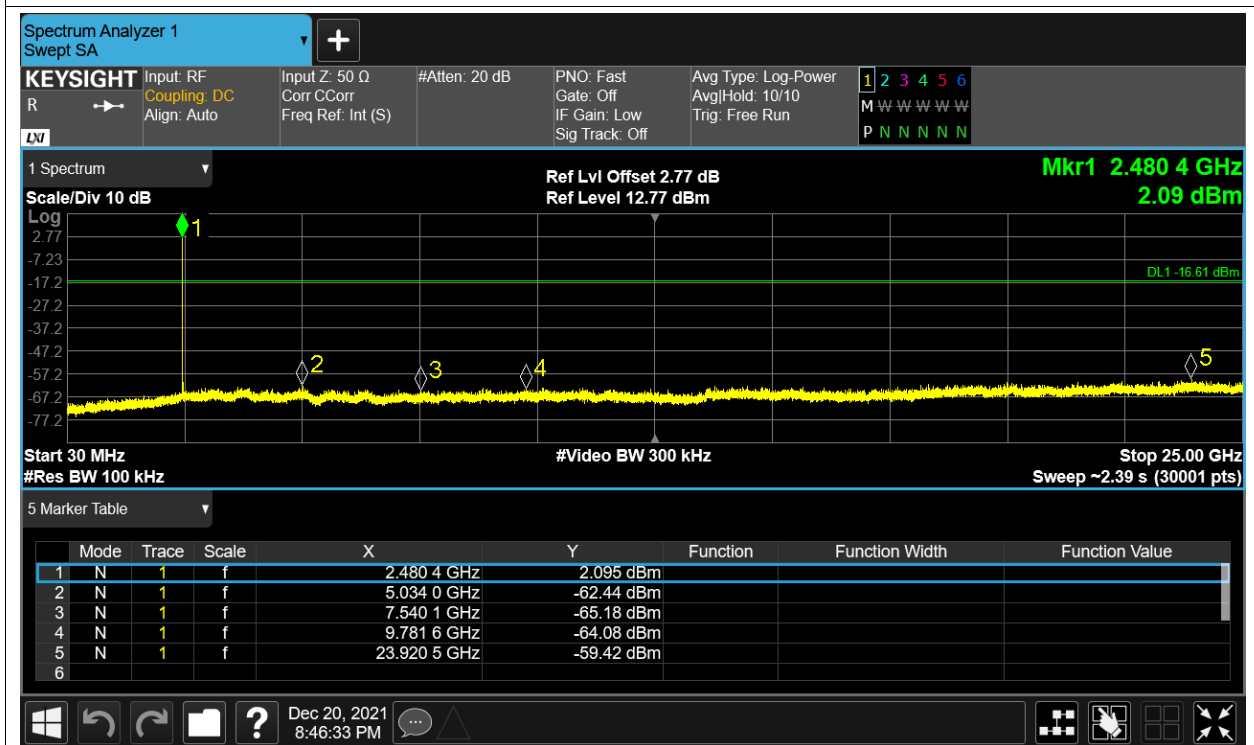
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



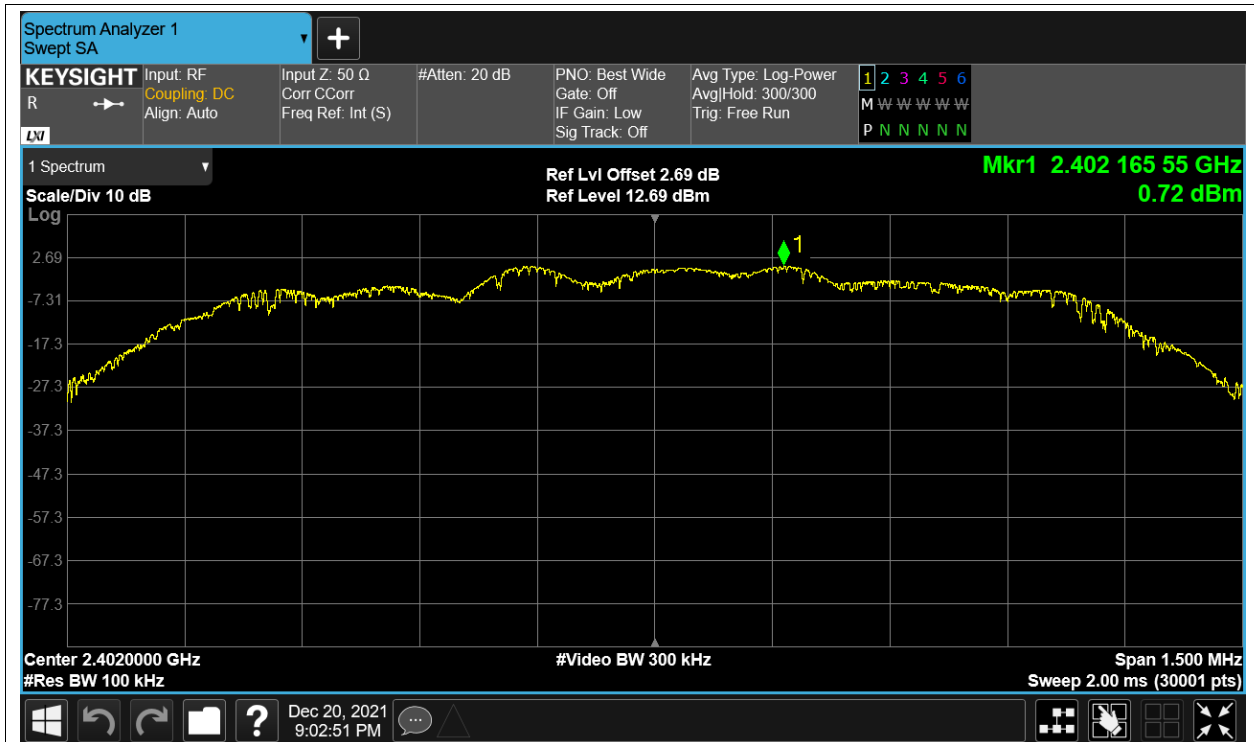
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



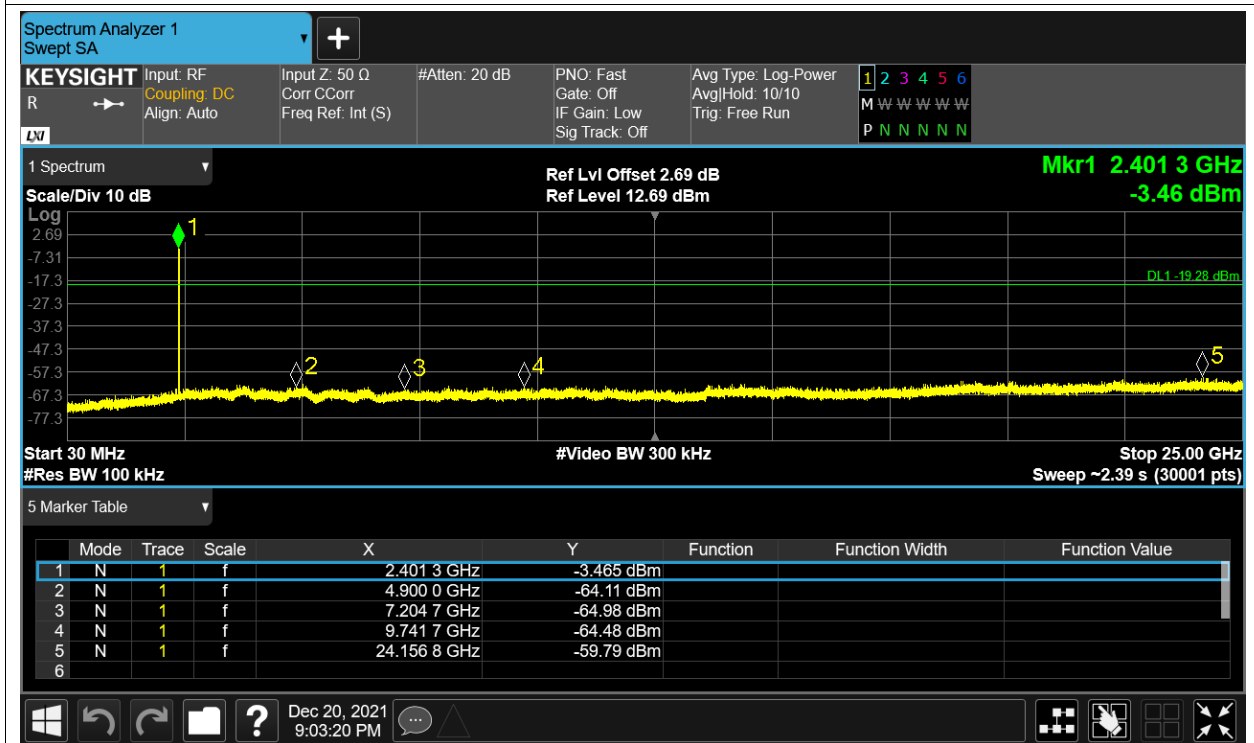
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



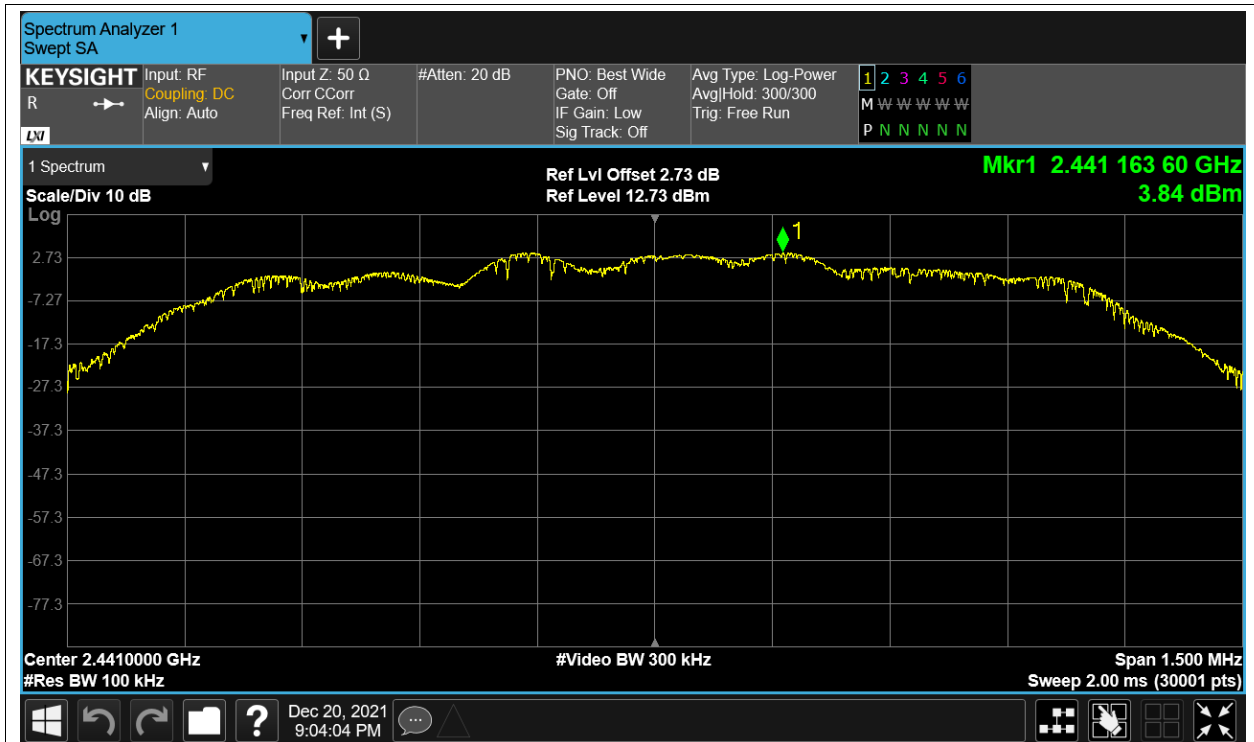
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



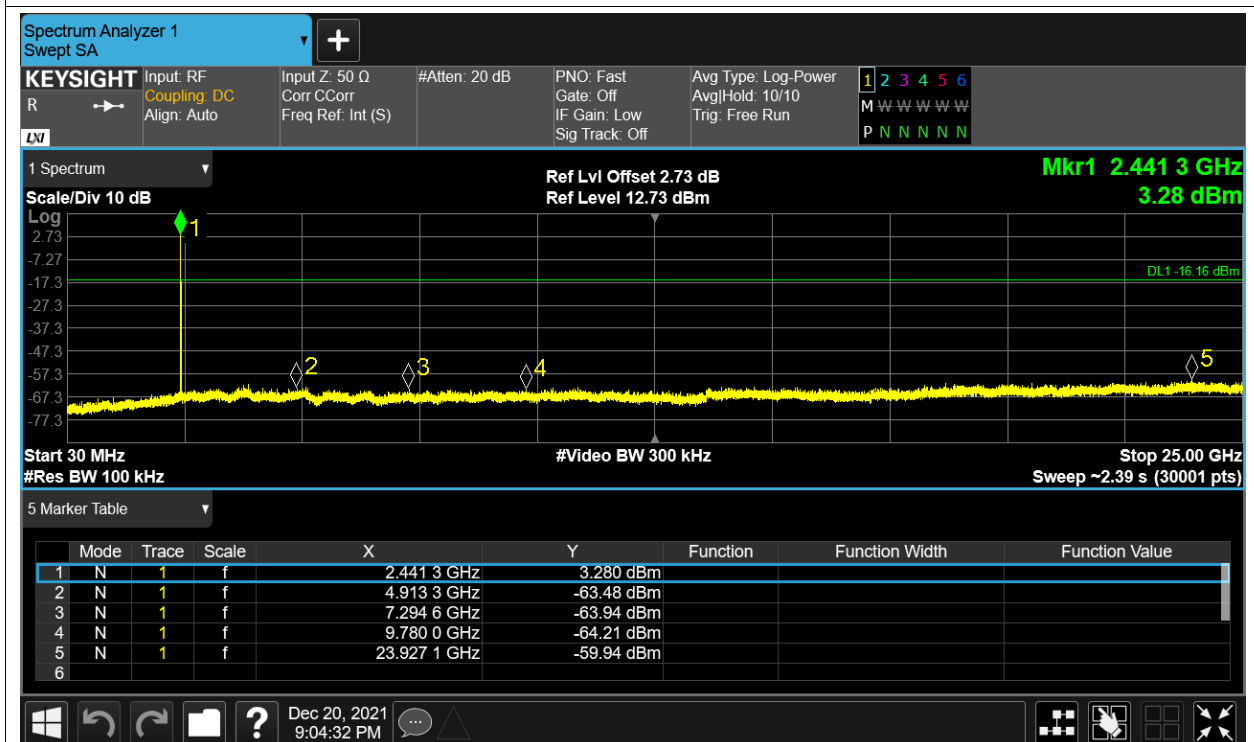
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



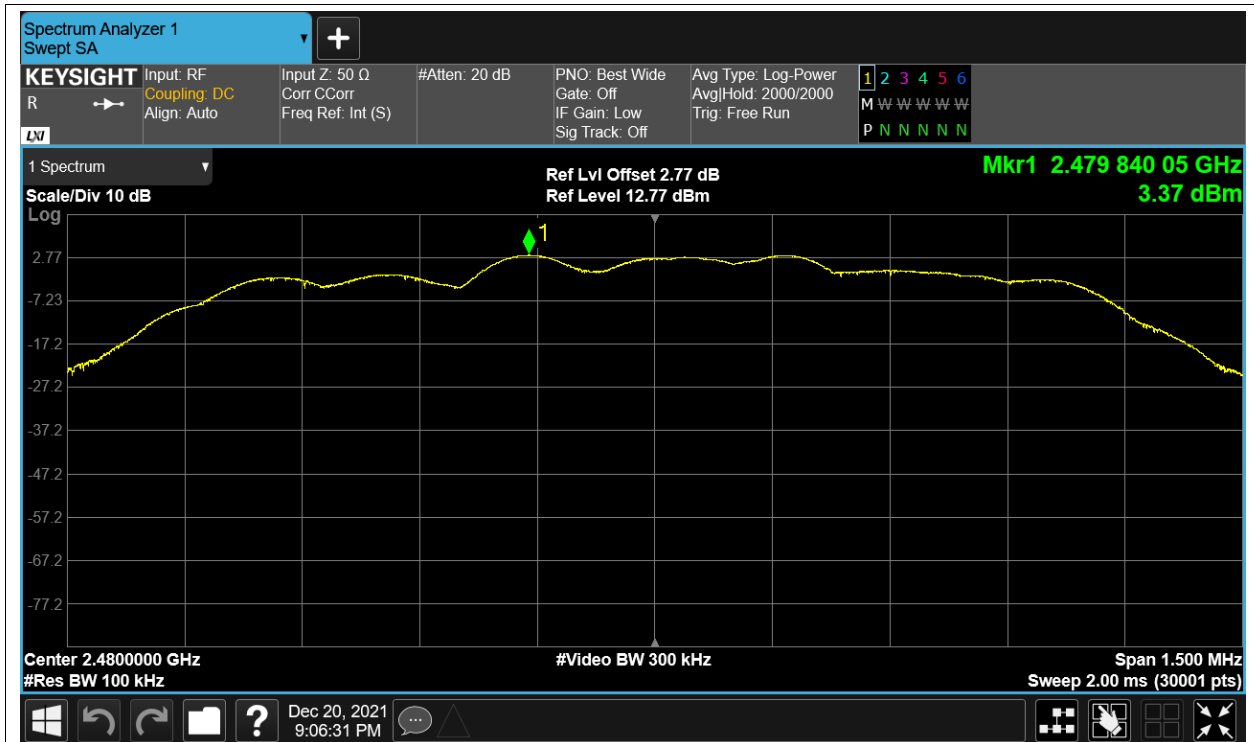
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



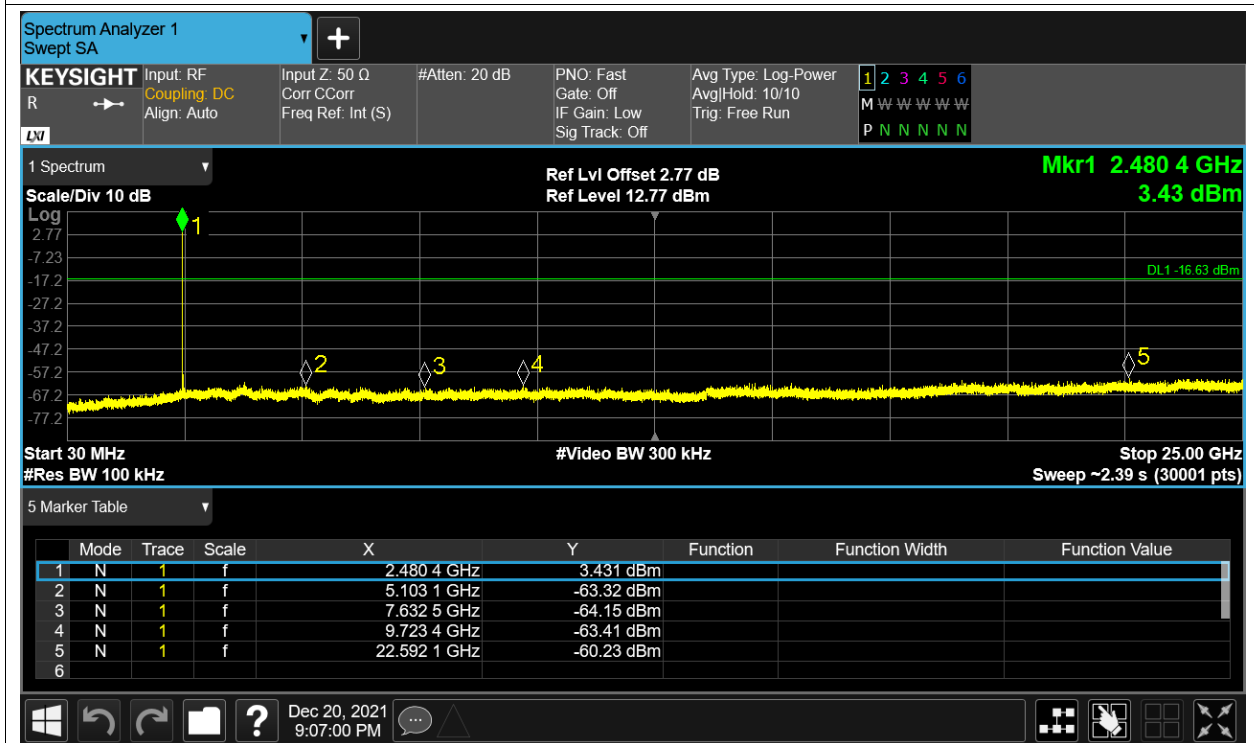
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



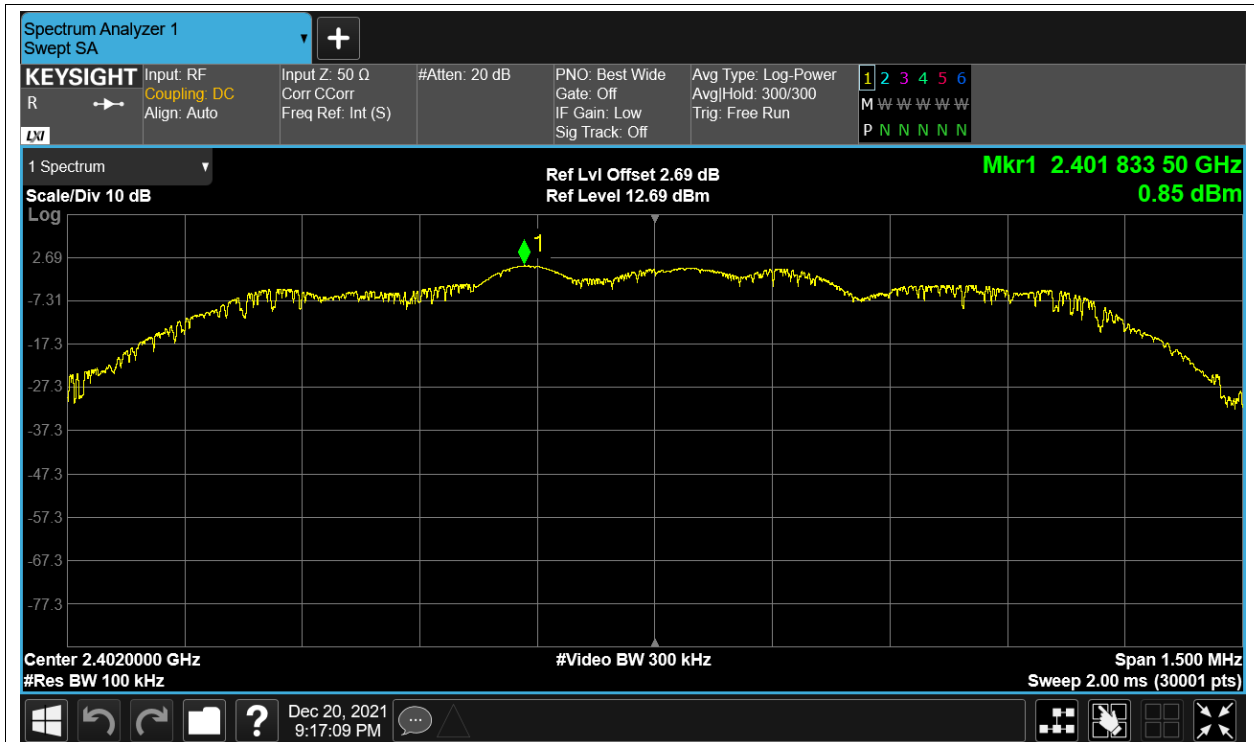
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



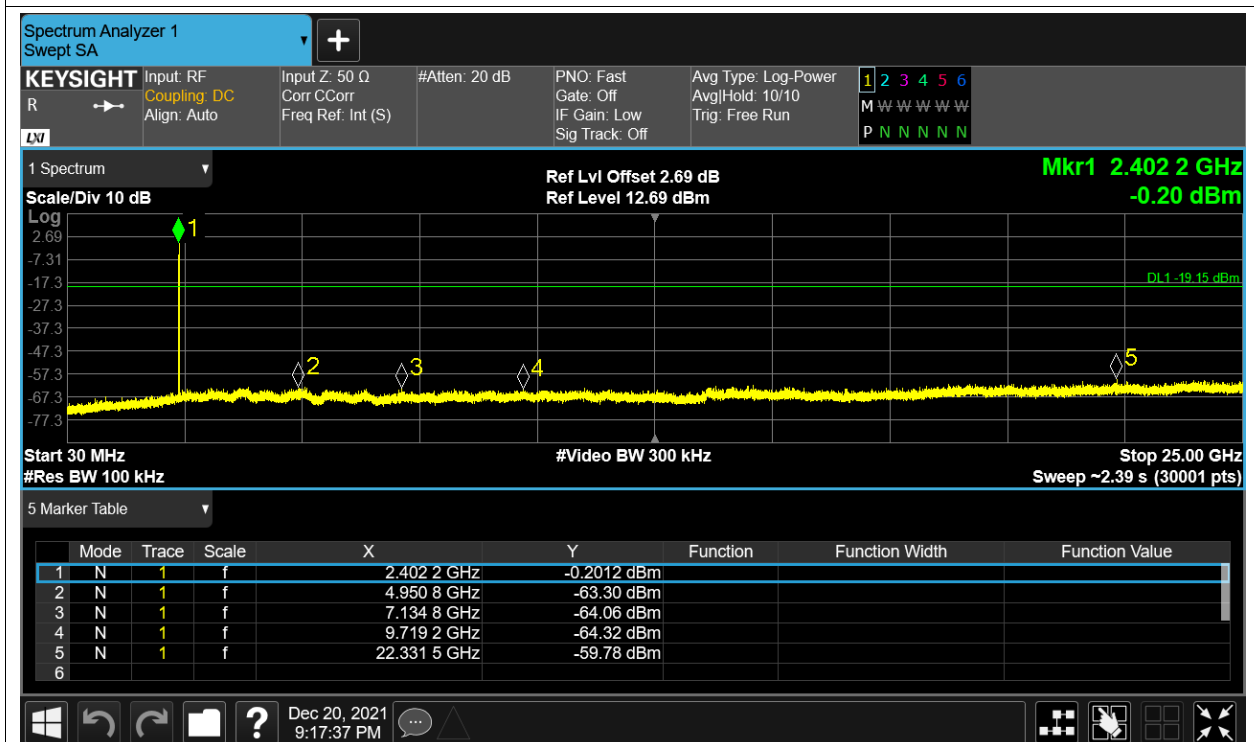
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref

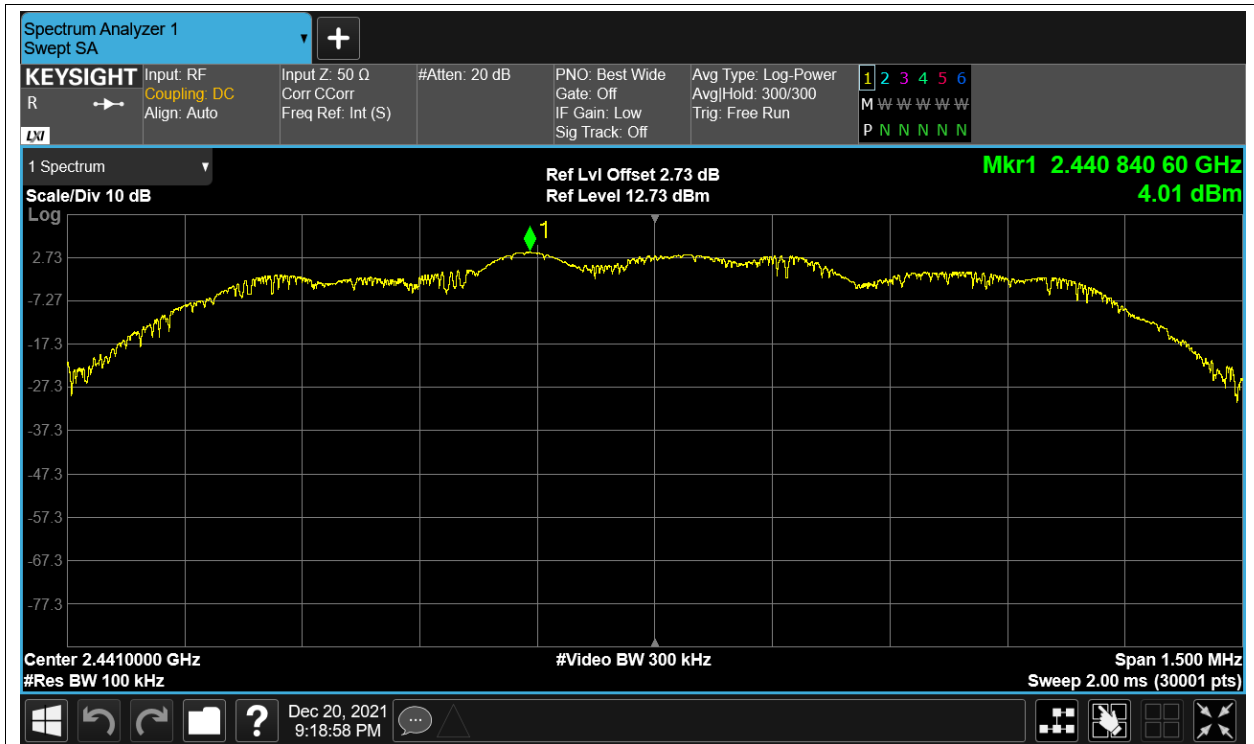


Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission

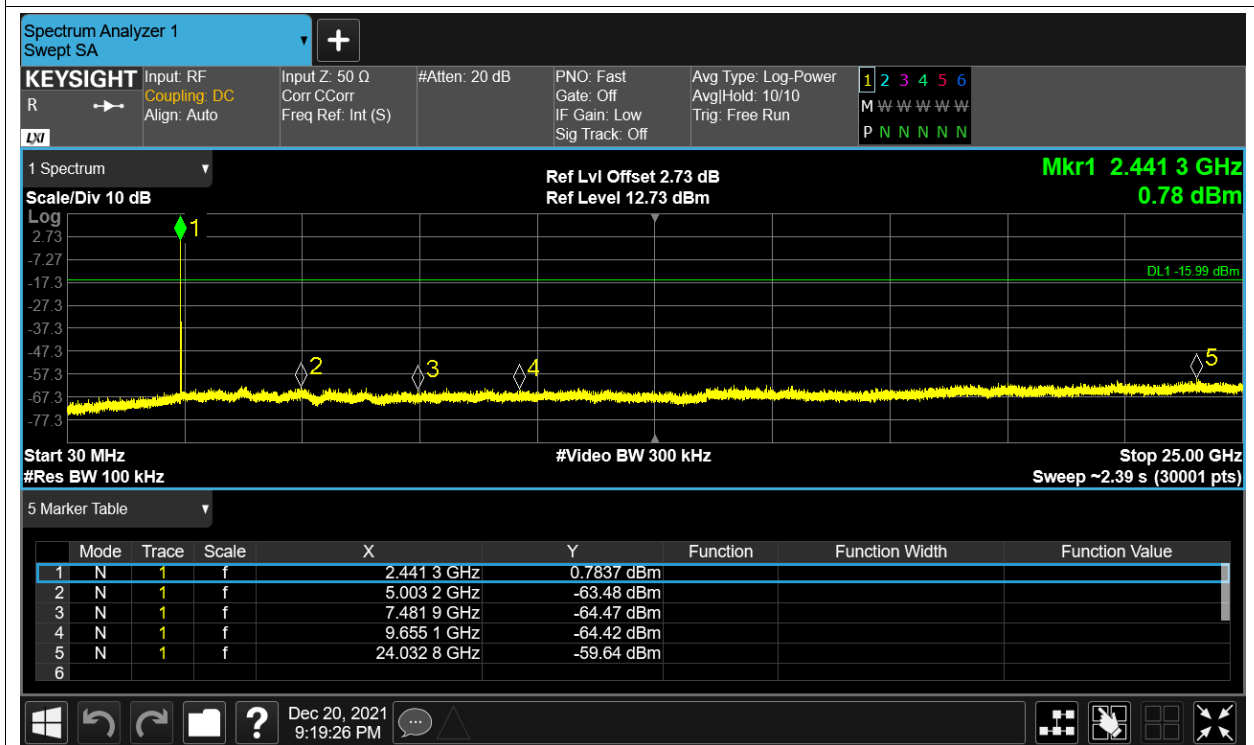


Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref

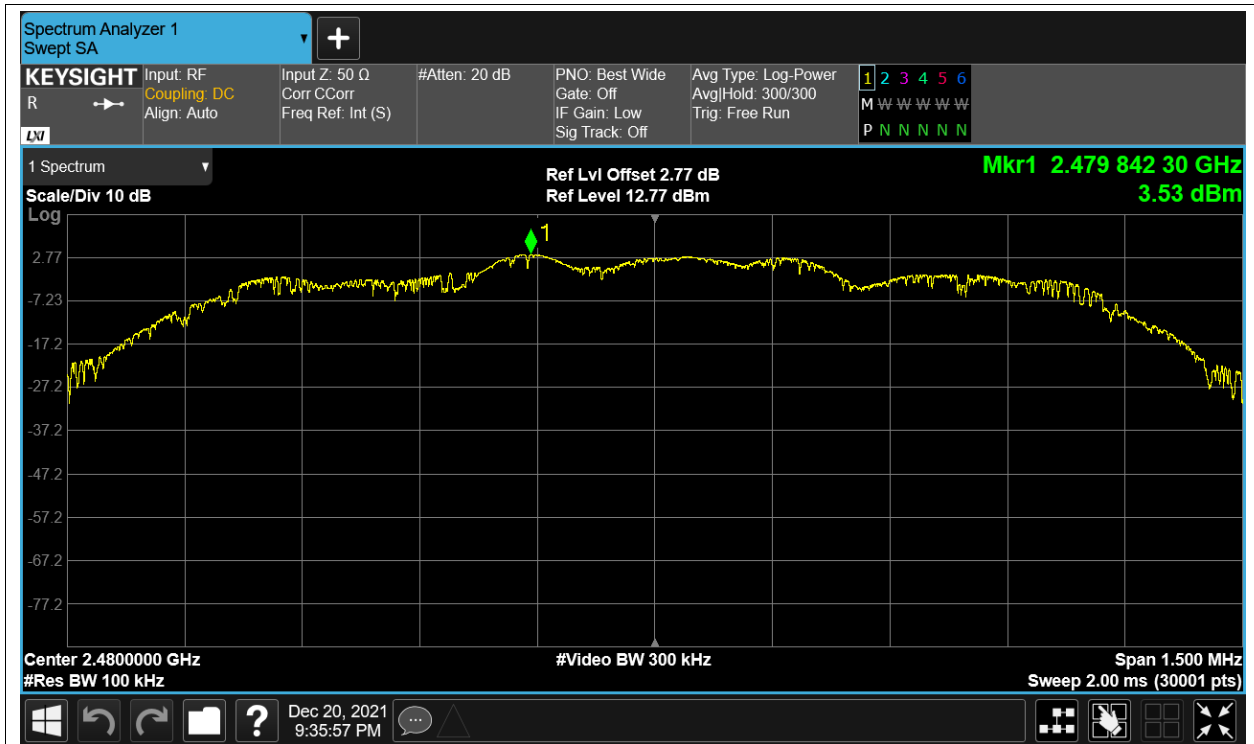




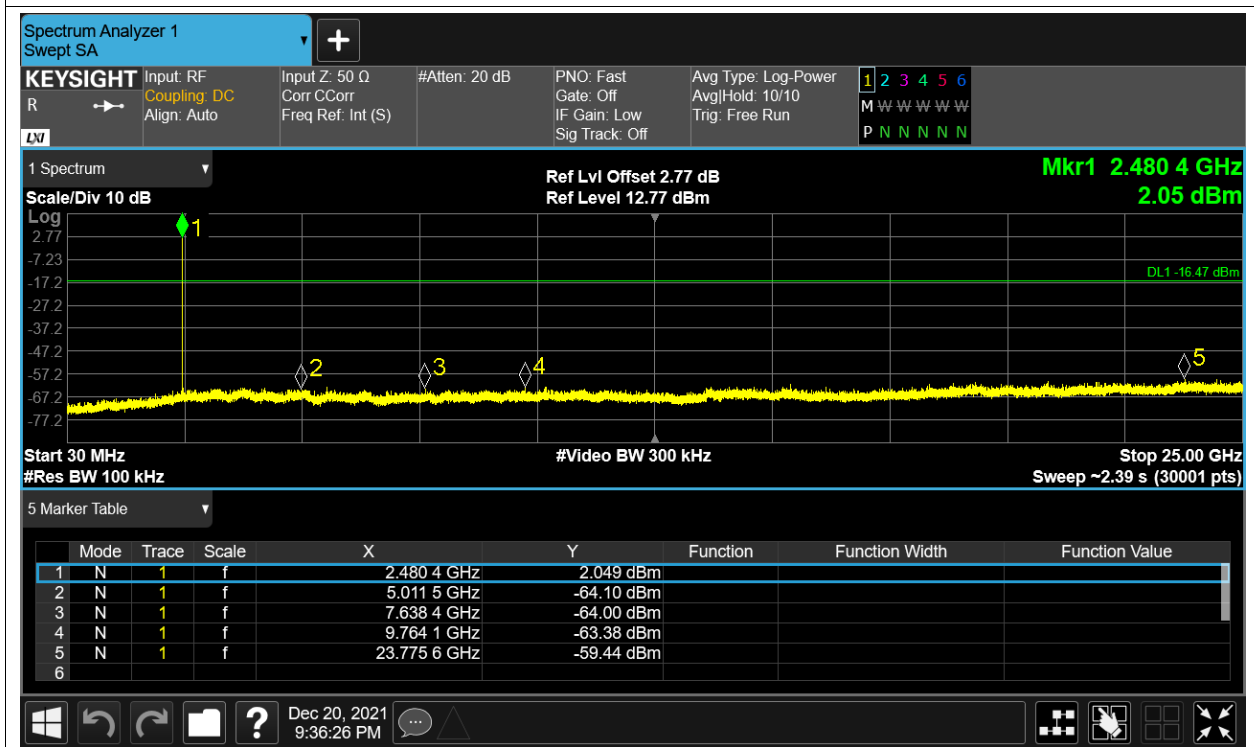
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission

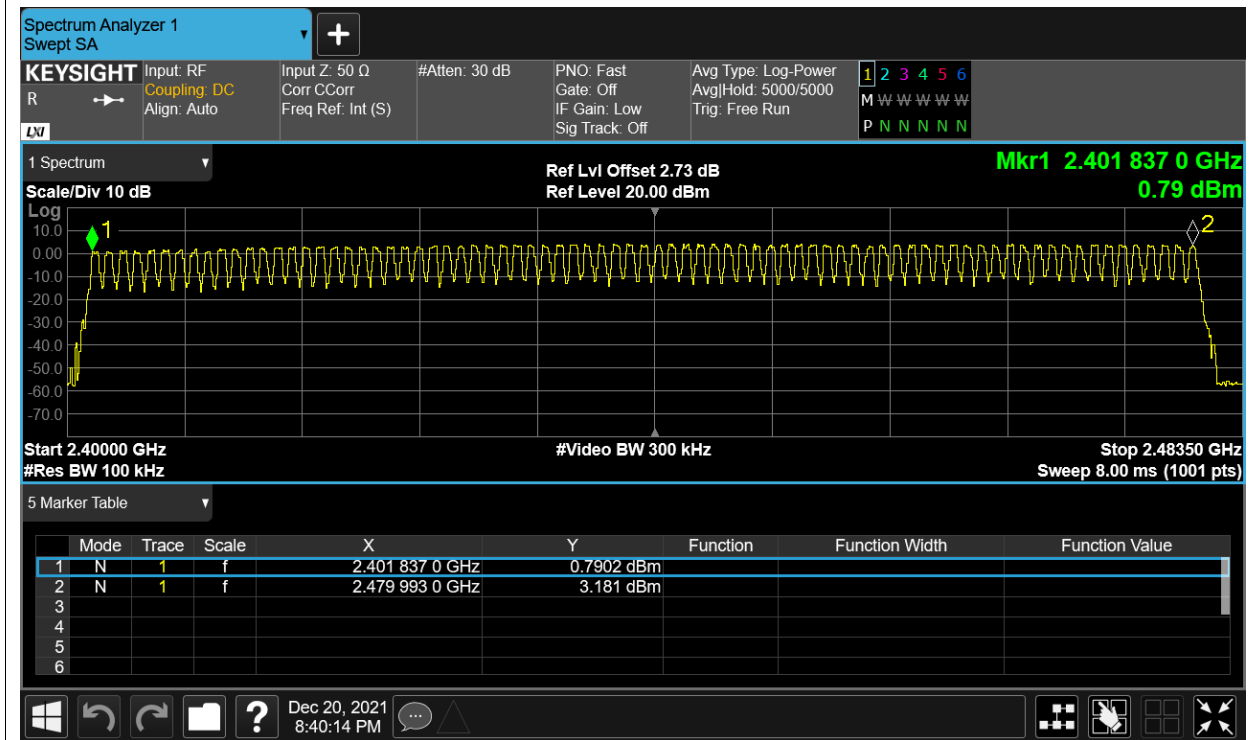


## Number of Hopping Channel

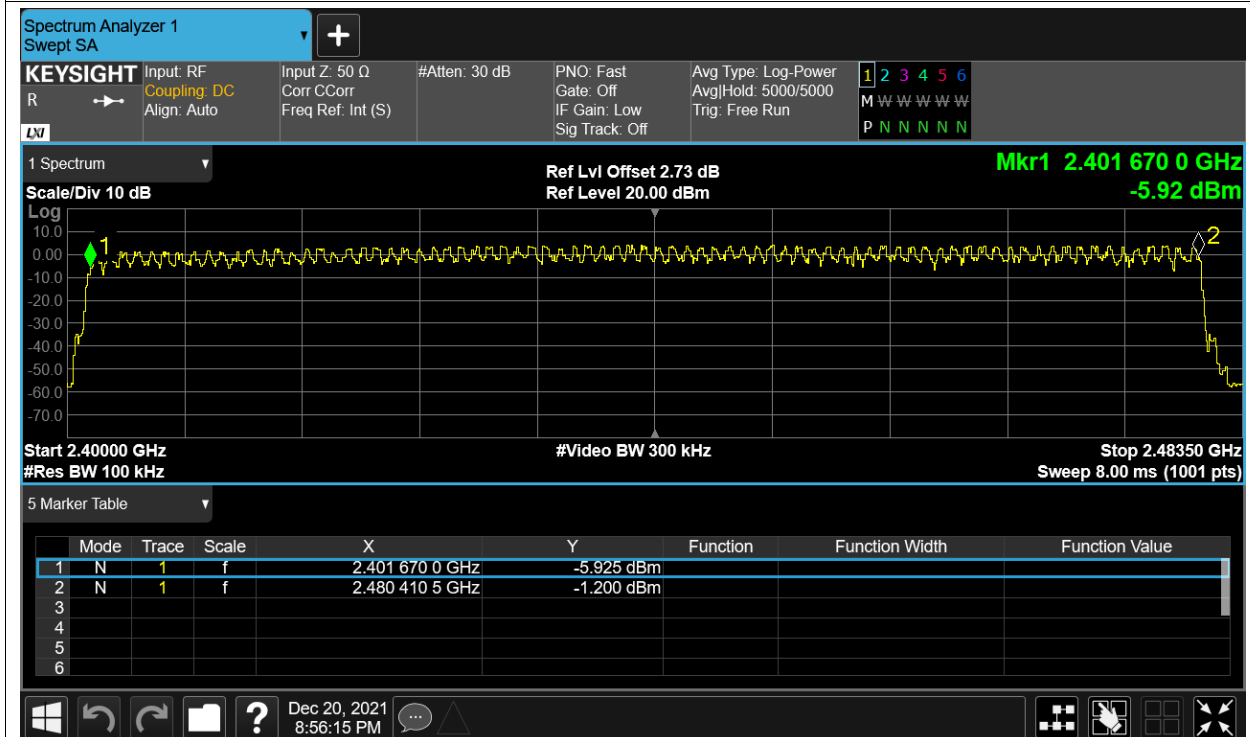
| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH1 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 2-DH1 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 3-DH1 | Ant1    | 79             | 15    | Pass    |

## Test Graphs

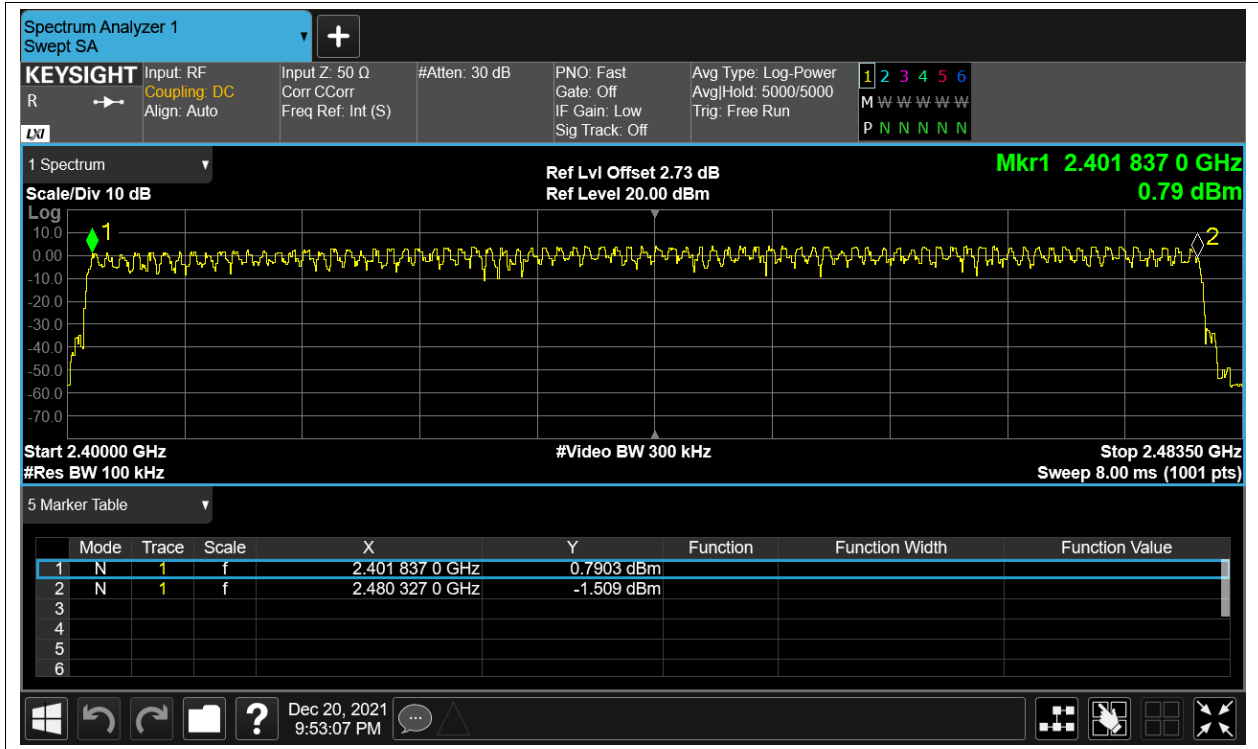
Hopping No. NVNT 1-DH1 2441MHz Ant1.



Hopping No. NVNT 2-DH1 2441MHz Ant1



Hopping No. NVNT 3-DH1 2441MHz Ant1

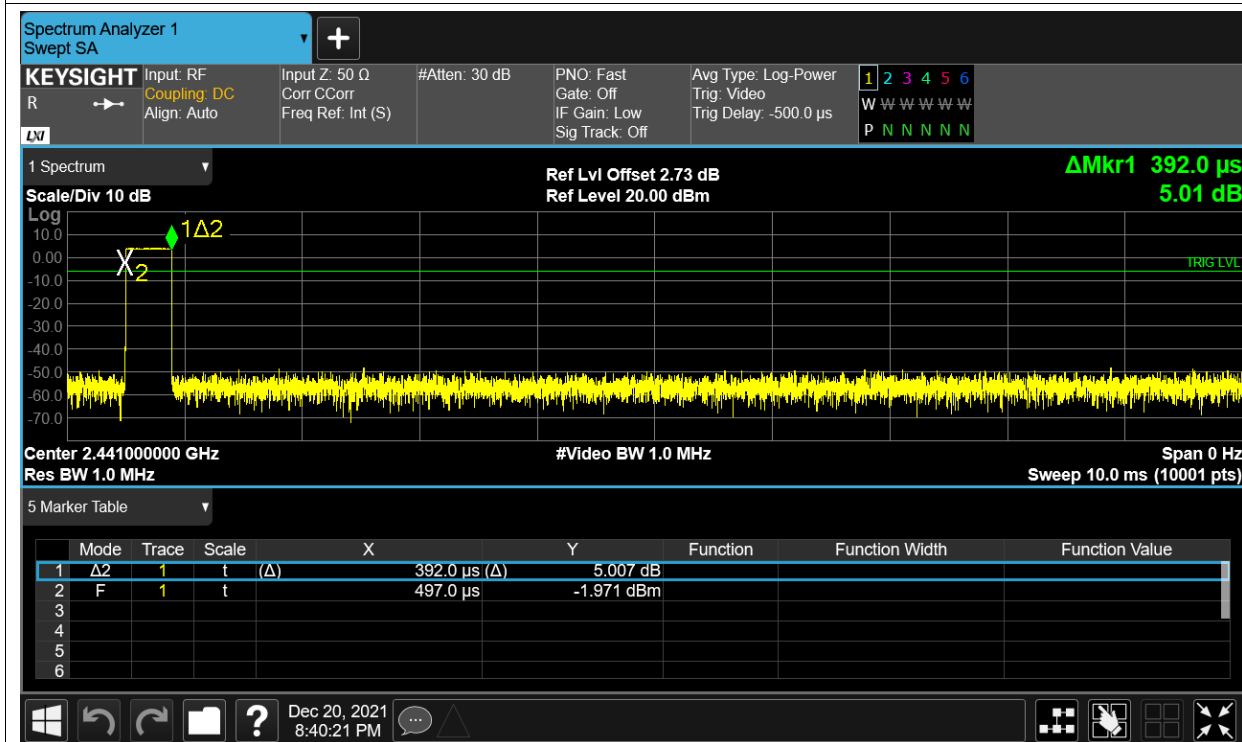


## Dwell Time

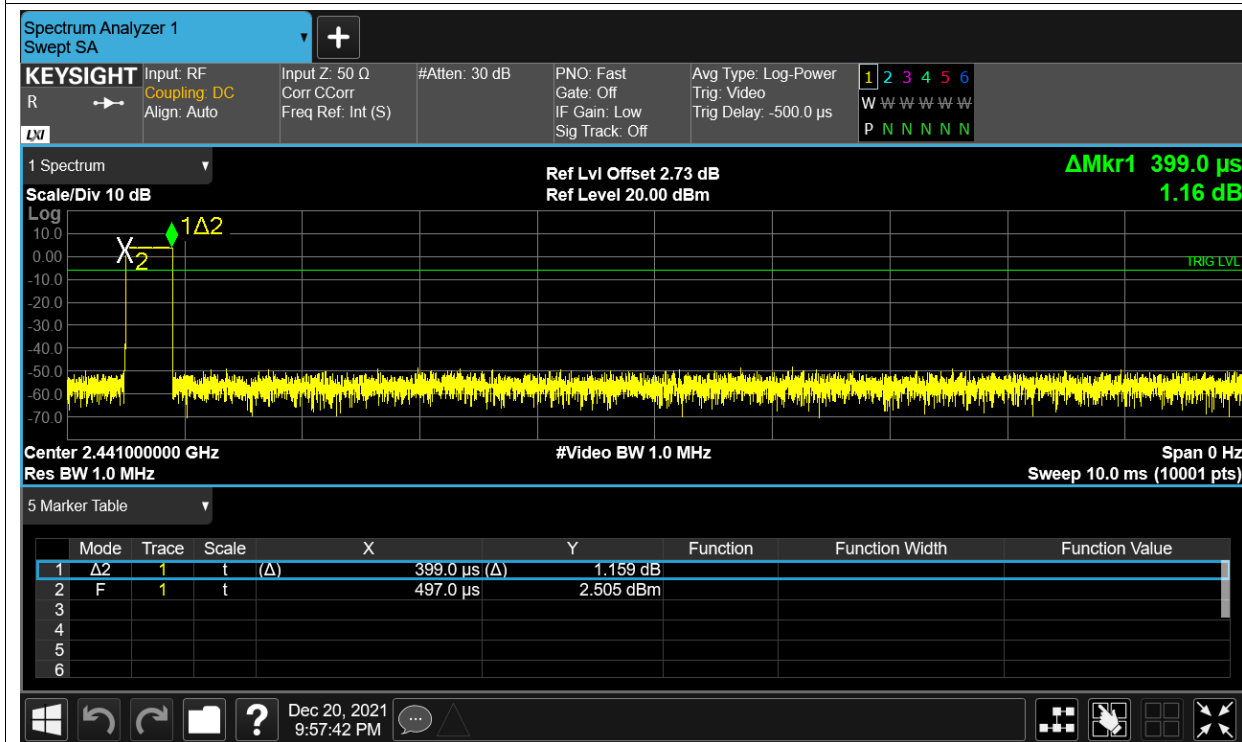
| Condition | Mode  | Frequency (MHz) | Antenna | Pulse Time (ms) | Total Dwell Time (ms) | Period Time (ms) | Limit (ms) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-----------------------|------------------|------------|---------|
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.392           | 125.44                | 31600            | 400        | Pass    |
| NVNT      | 1-DH3 | 2441            | Ant1    | 0.399           | 63.84                 | 31600            | 400        | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 0.4             | 42.667                | 31600            | 400        | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 0.276           | 88.32                 | 31600            | 400        | Pass    |
| NVNT      | 2-DH3 | 2441            | Ant1    | 0.276           | 44.16                 | 31600            | 400        | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | 0.276           | 29.44                 | 31600            | 400        | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 0.232           | 74.24                 | 31600            | 400        | Pass    |
| NVNT      | 3-DH3 | 2441            | Ant1    | 0.232           | 37.12                 | 31600            | 400        | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | 0.231           | 24.64                 | 31600            | 400        | Pass    |

## Test Graphs

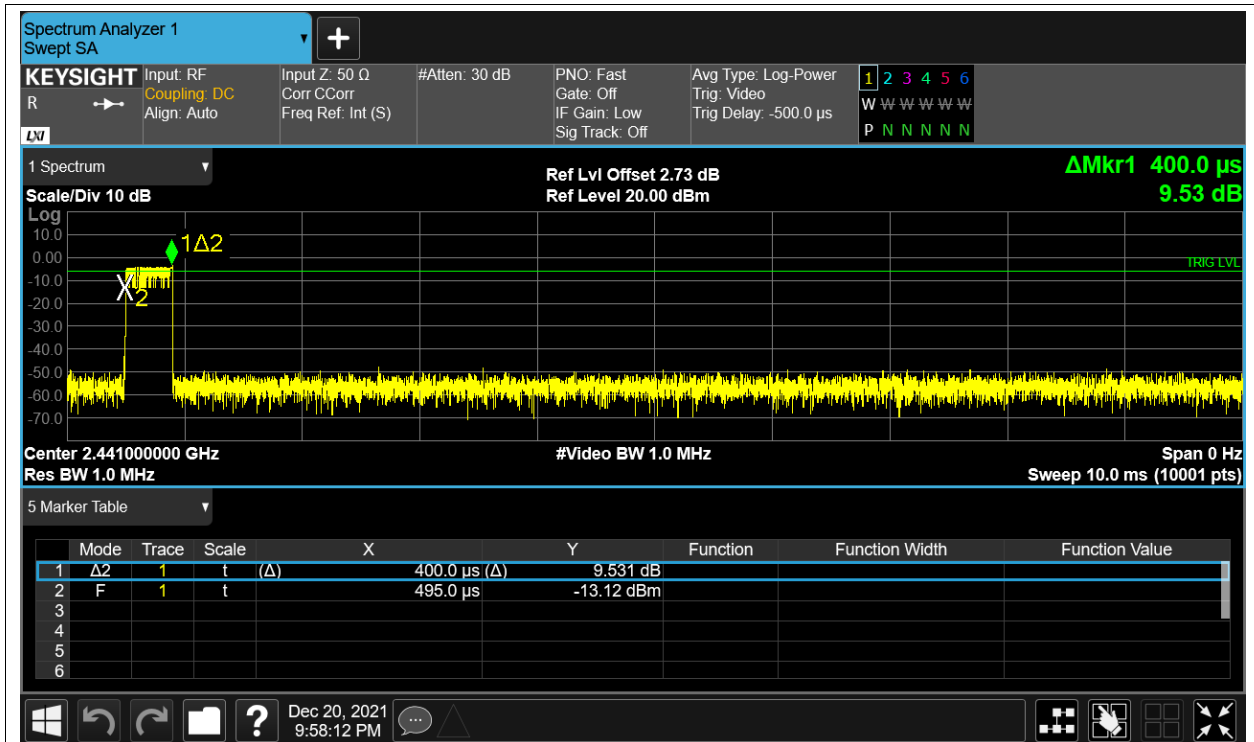
Dwell NVNT 1-DH1 2441MHz Ant1



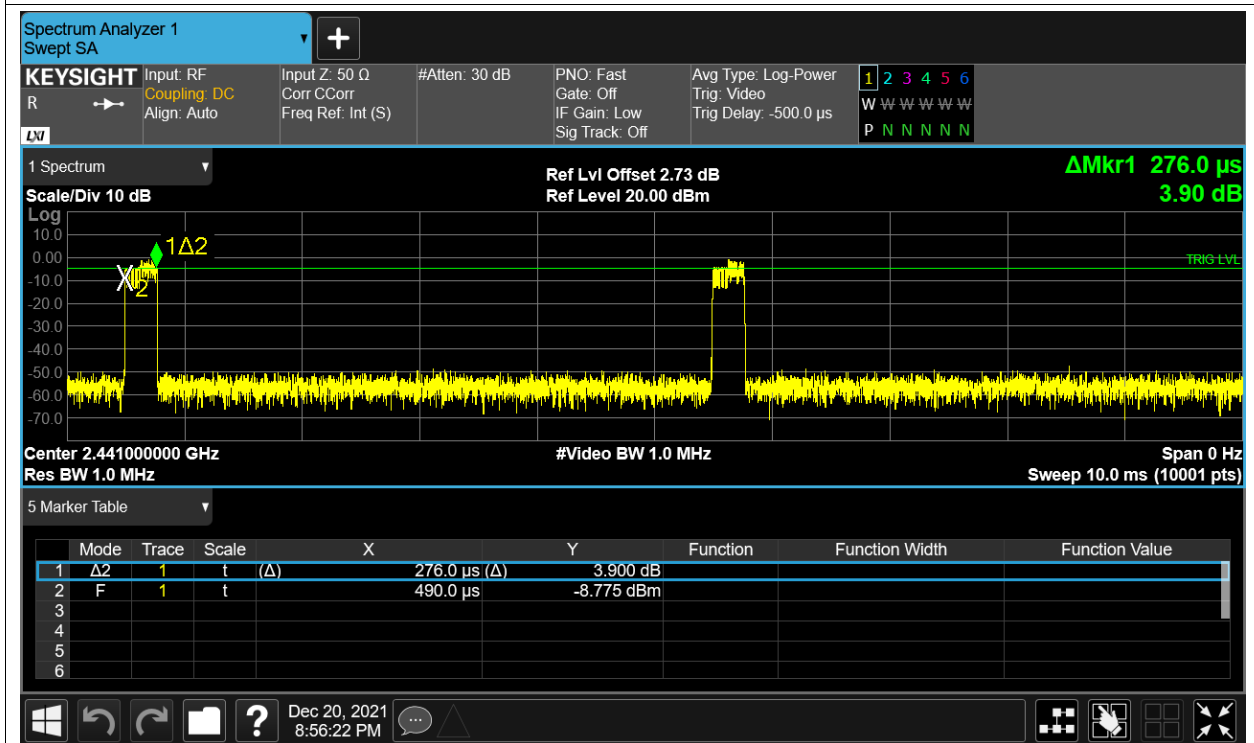
Dwell NVNT 1-DH3 2441MHz Ant1



Dwell NVNT 1-DH5 2441MHz Ant1

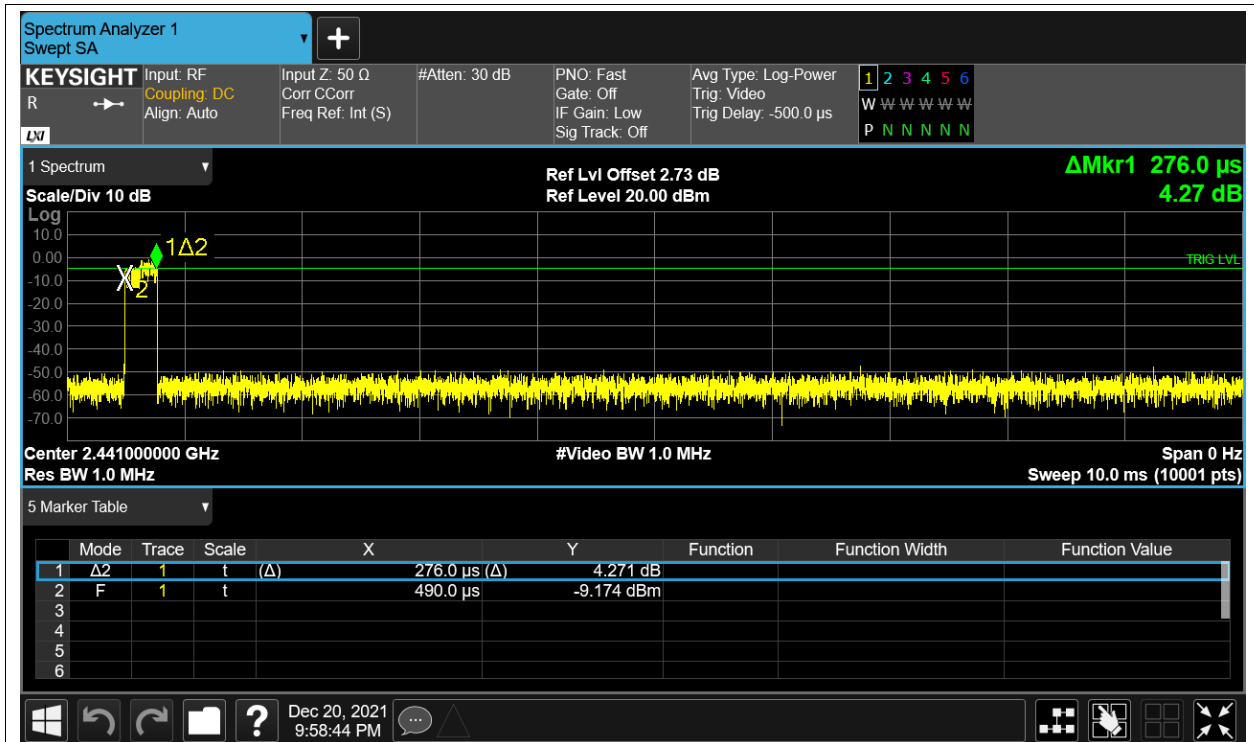


Dwell NVNT 2-DH1 2441MHz Ant1

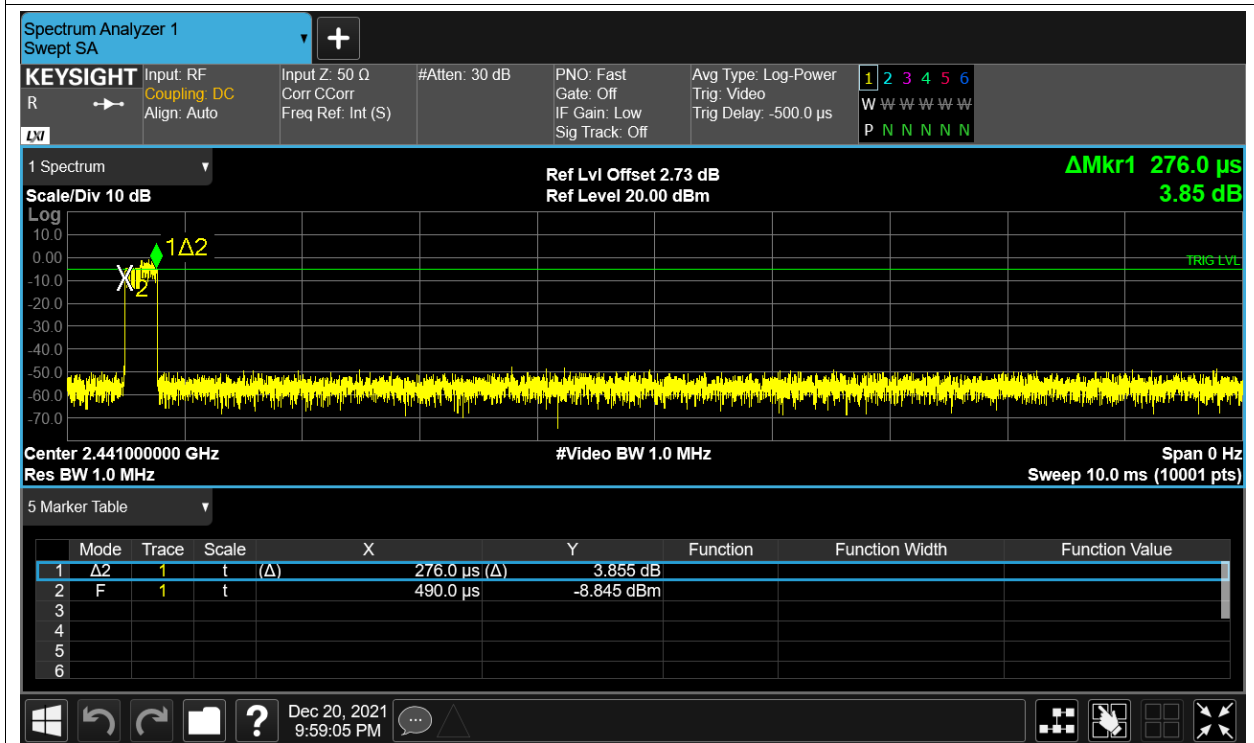


Dwell NVNT 2-DH3 2441MHz Ant1

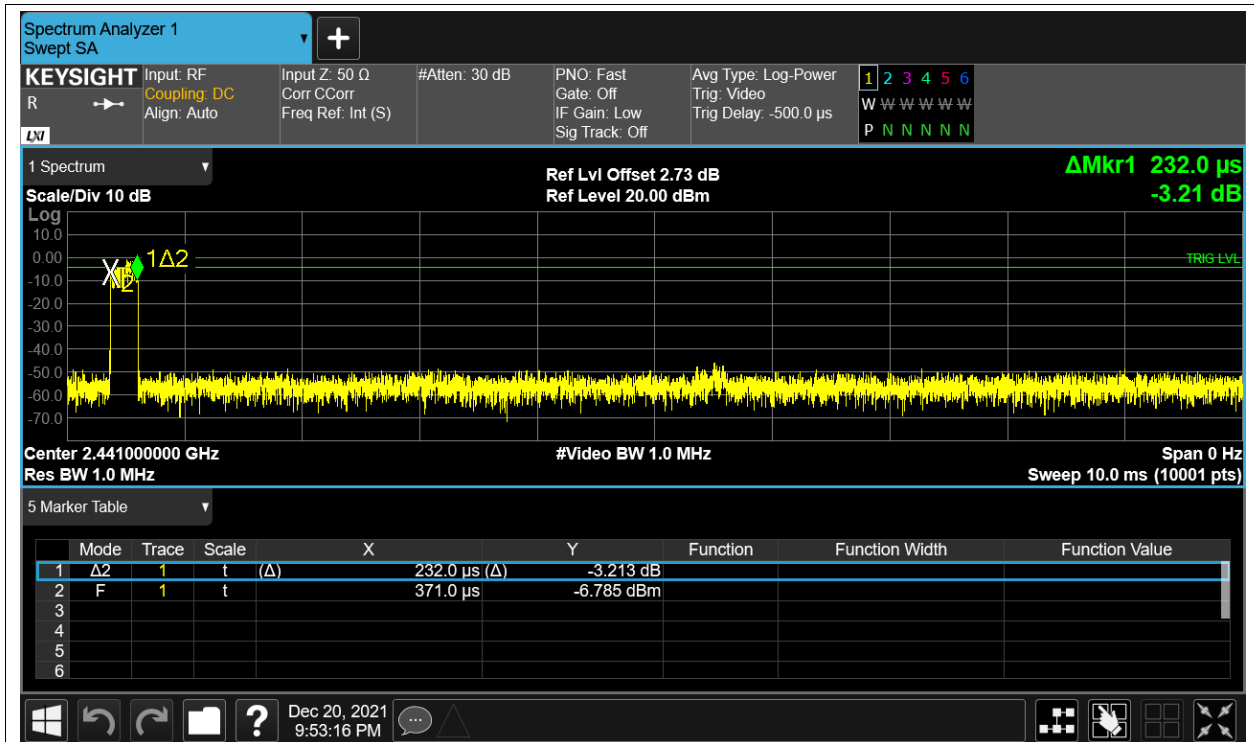




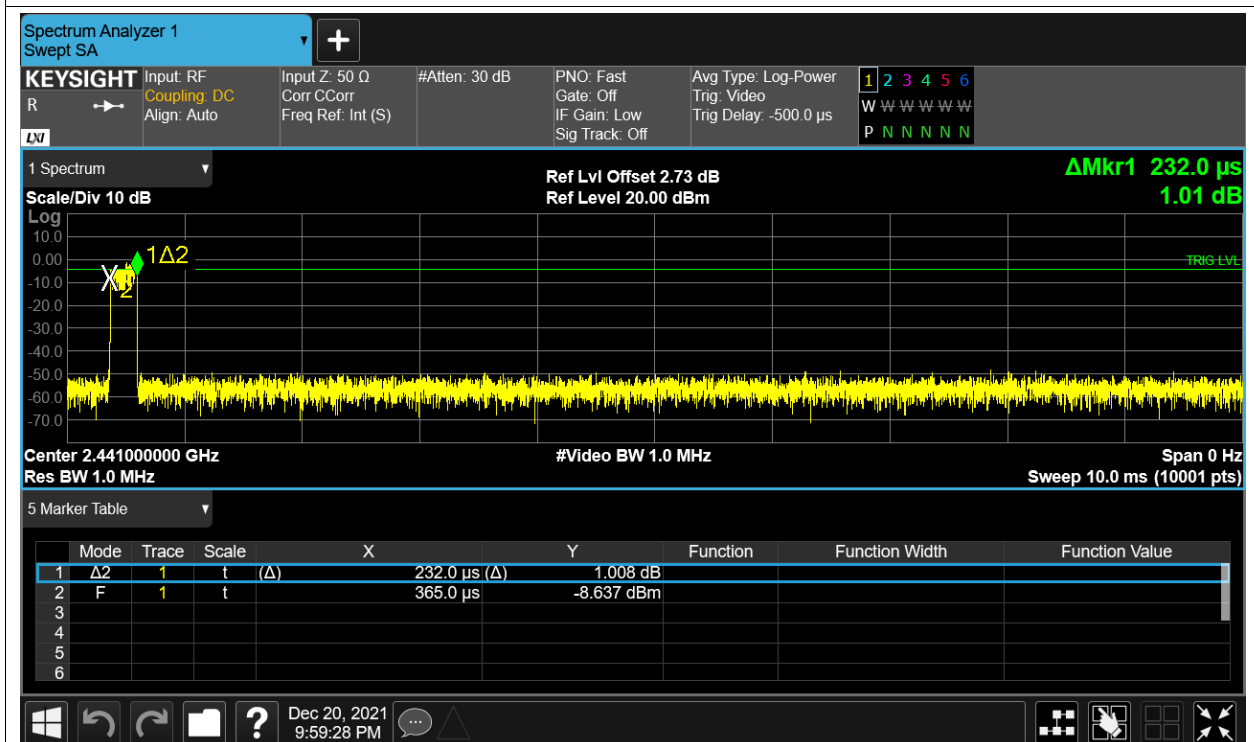
Dwell NVNT 2-DH5 2441MHz Ant1



Dwell NVNT 3-DH1 2441MHz Ant1



Dwell NVNT 3-DH3 2441MHz Ant1



Dwell NVNT 3-DH5 2441MHz Ant1

