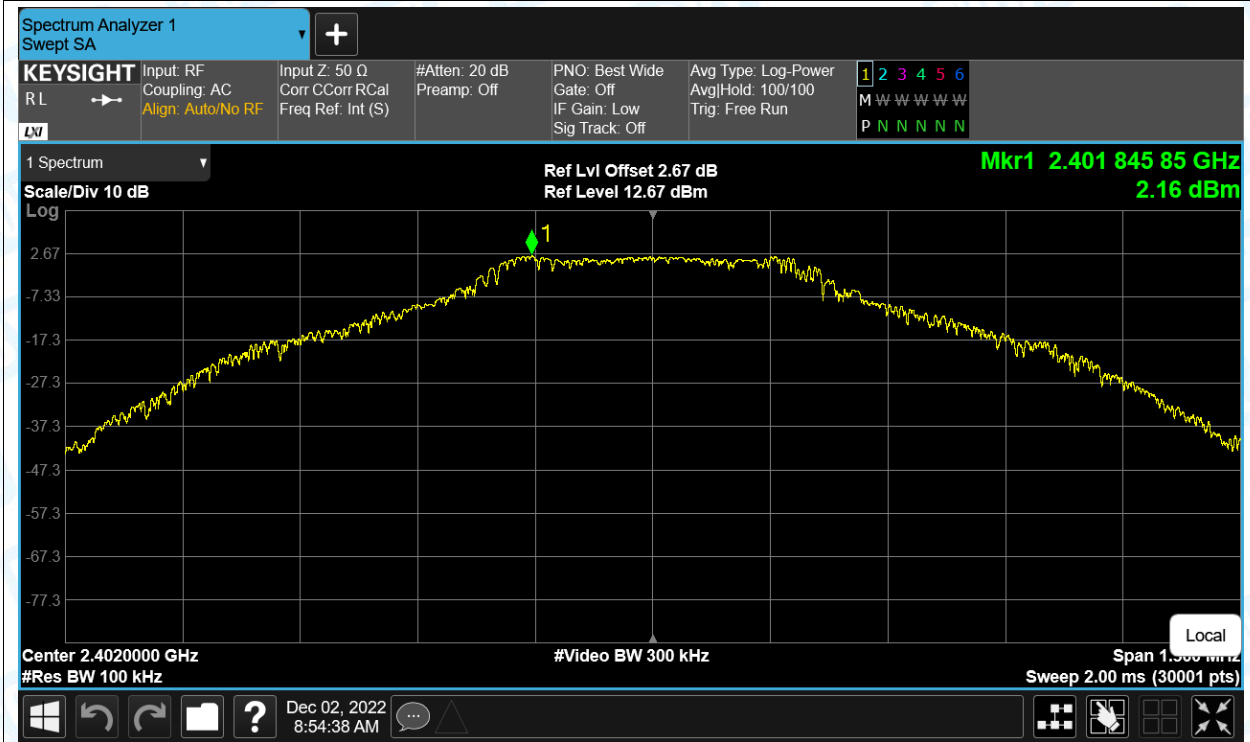


## 7. Conducted RF Spurious Emission

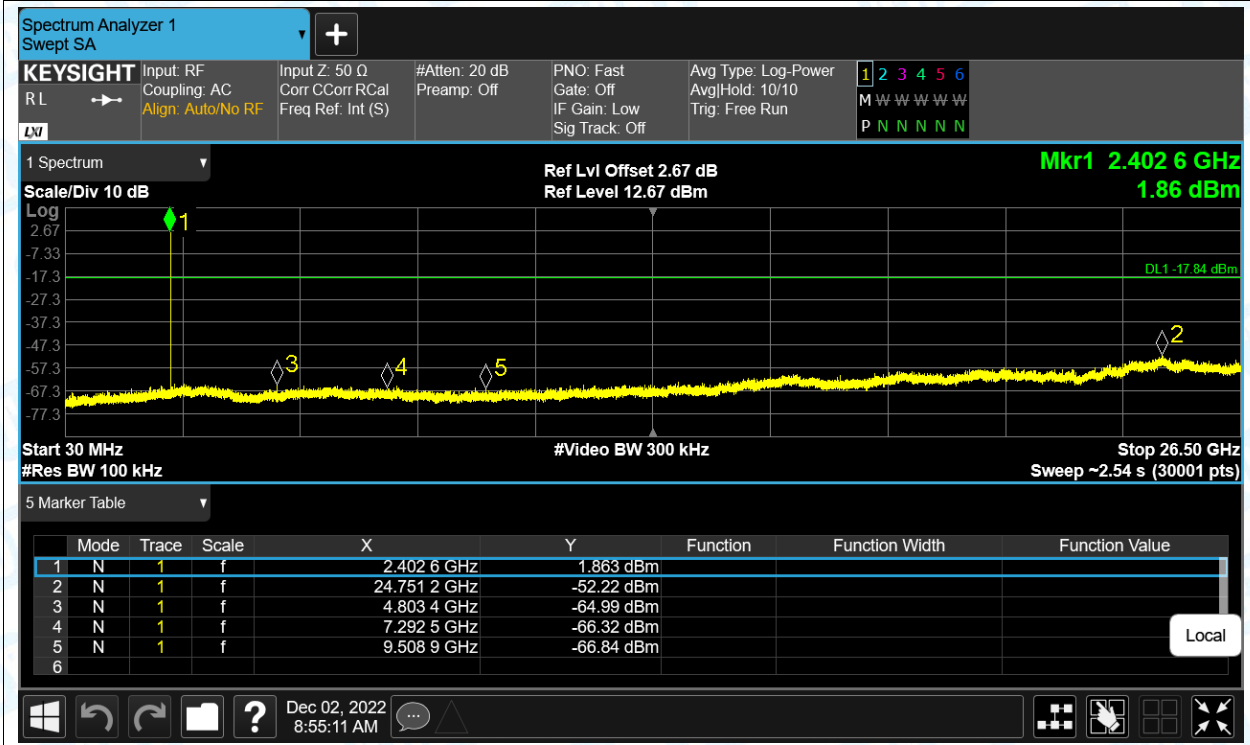
| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | -54.38          | -20         | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | -53.37          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | -53.01          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | -52.79          | -20         | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | -50.91          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | -51.27          | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | -52.52          | -20         | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | -52.97          | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | -53.57          | -20         | Pass    |

Test Graphs

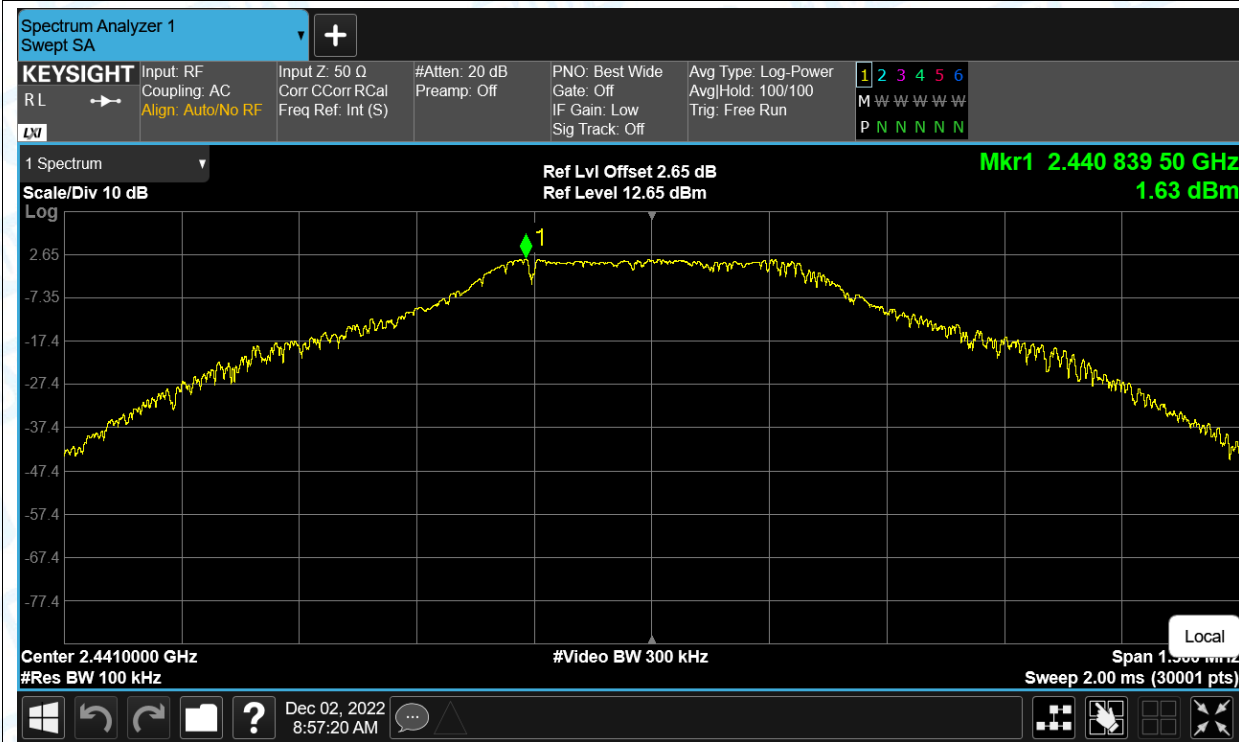
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



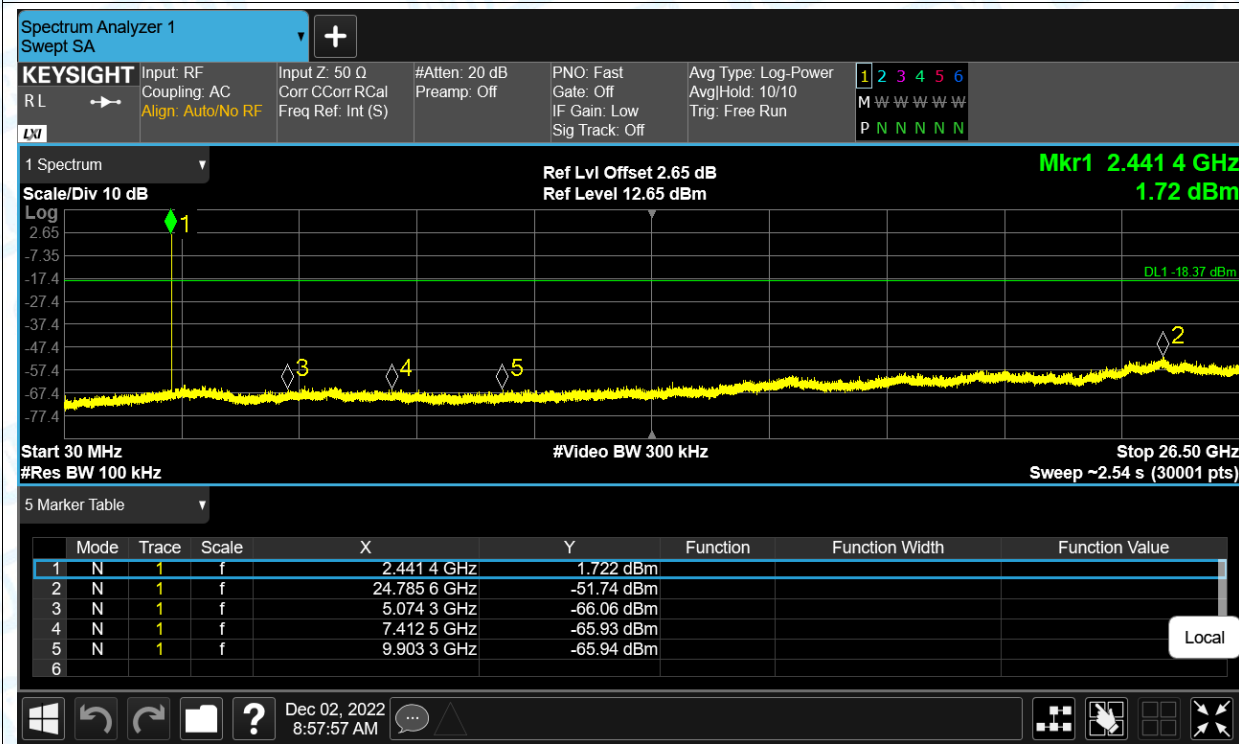
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



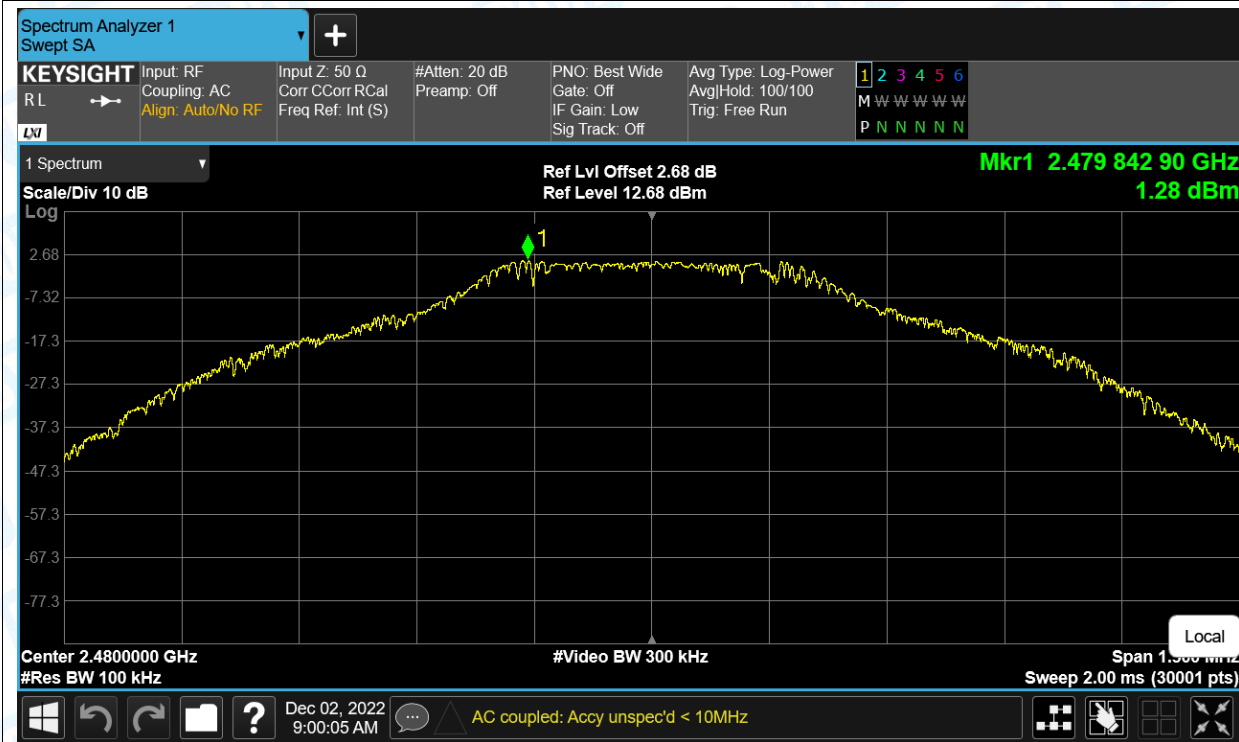
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



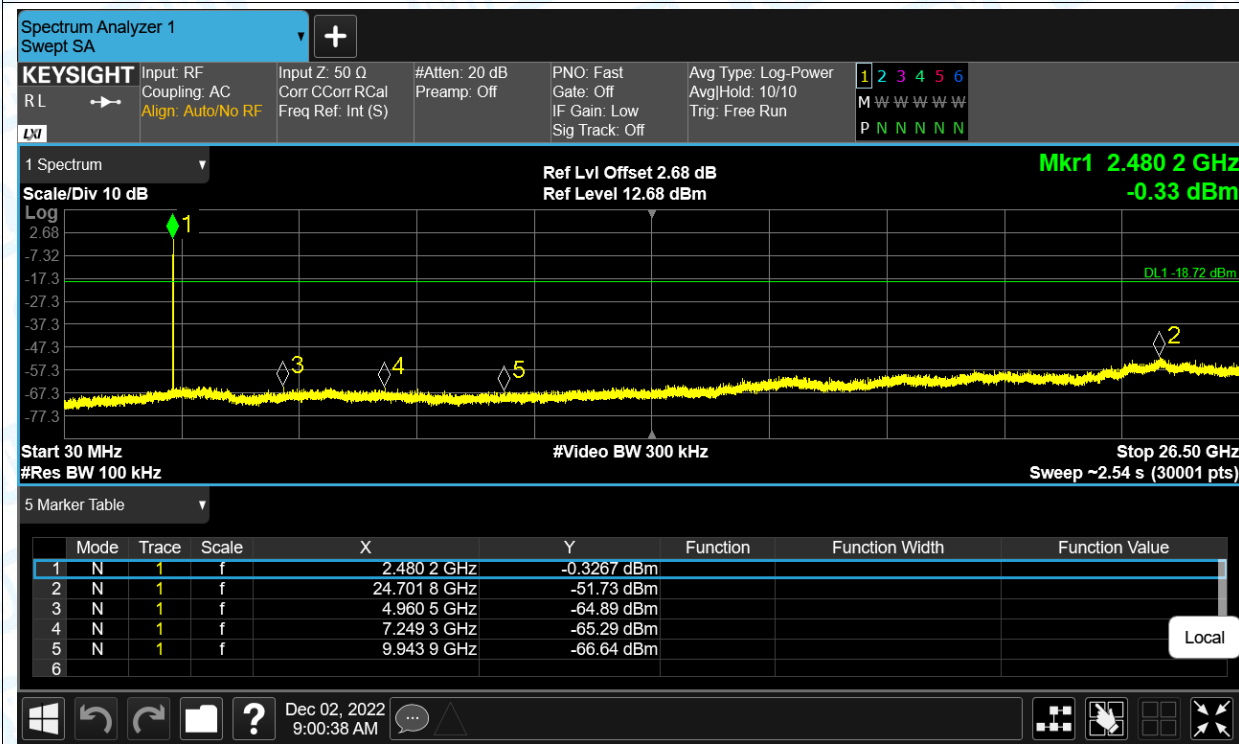
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



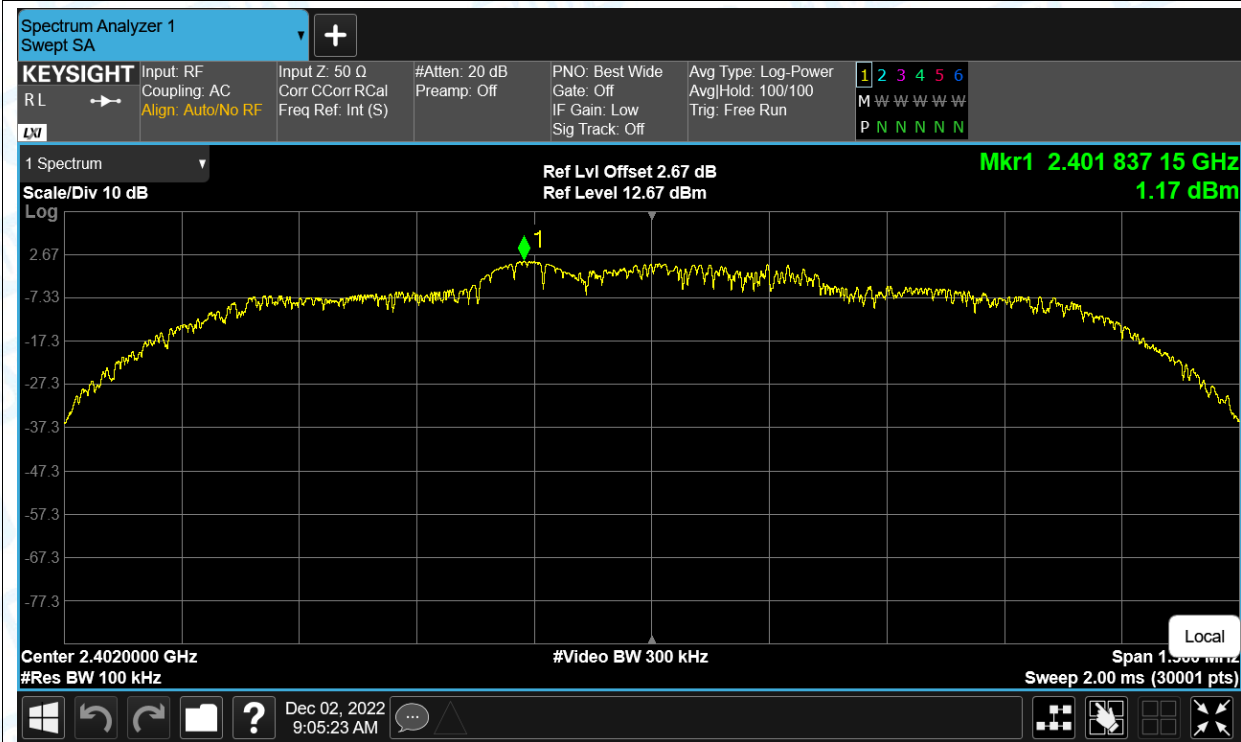
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



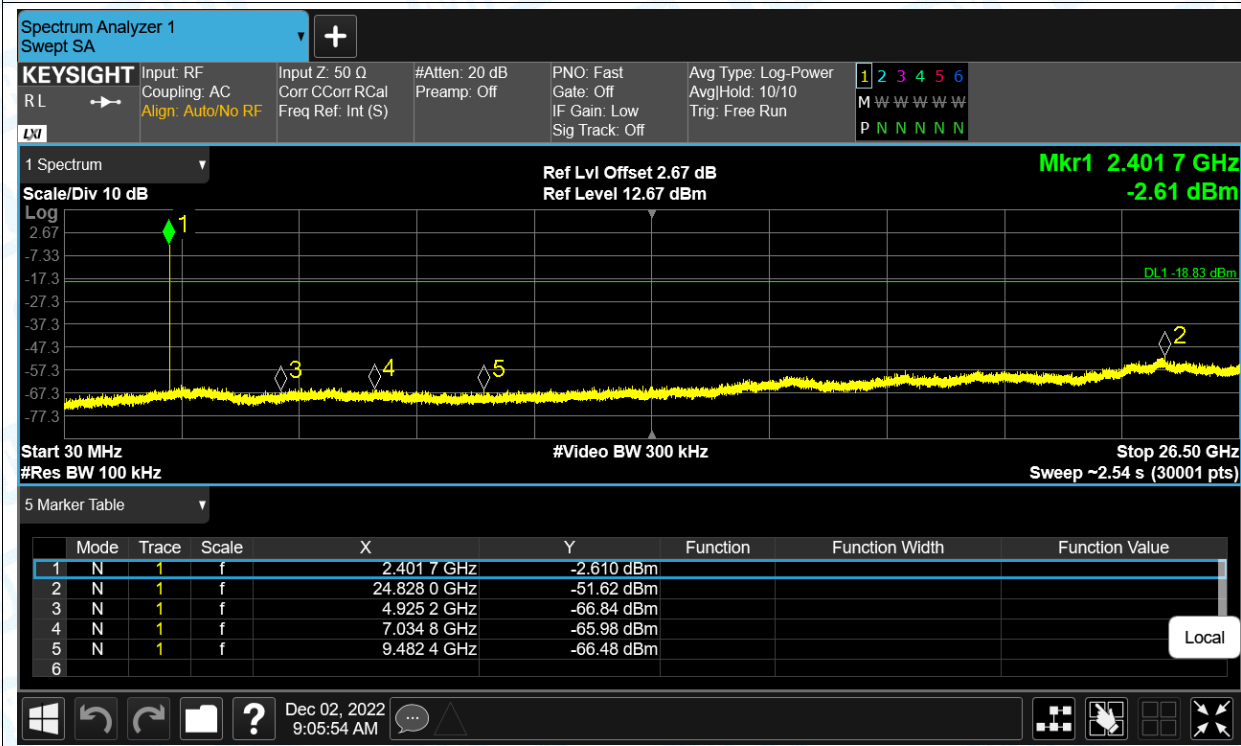
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



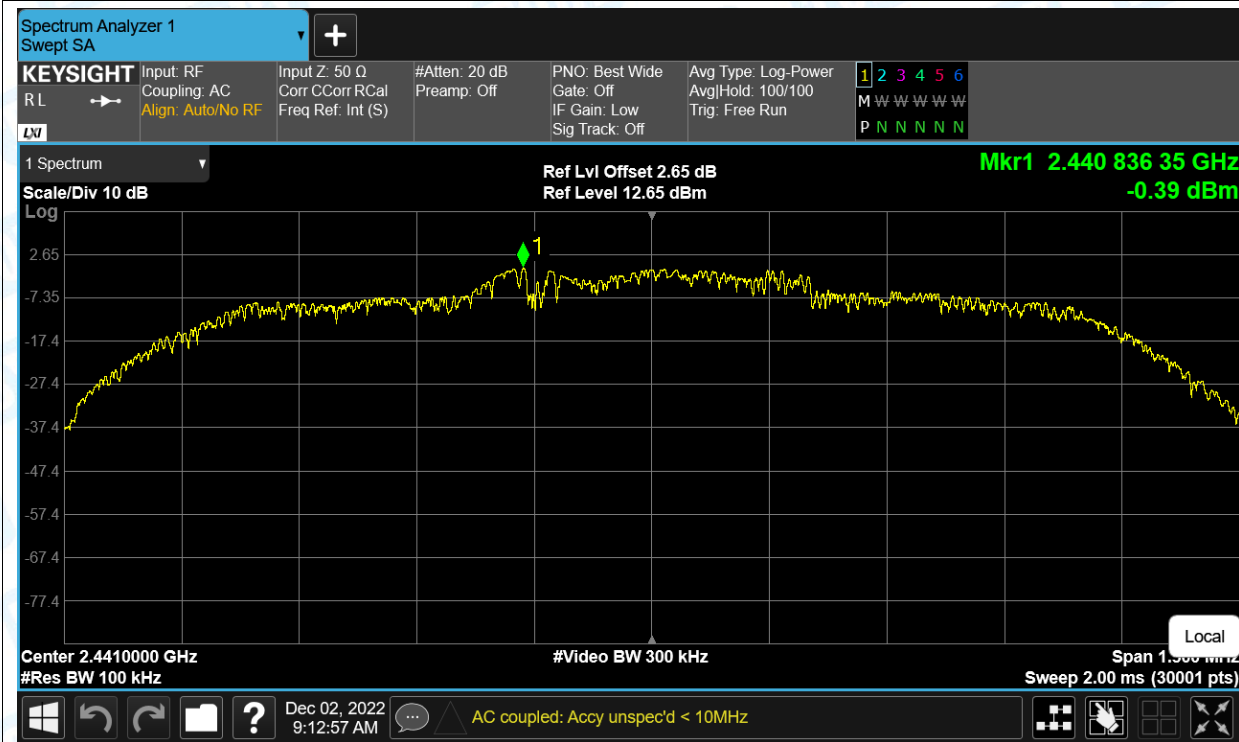
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



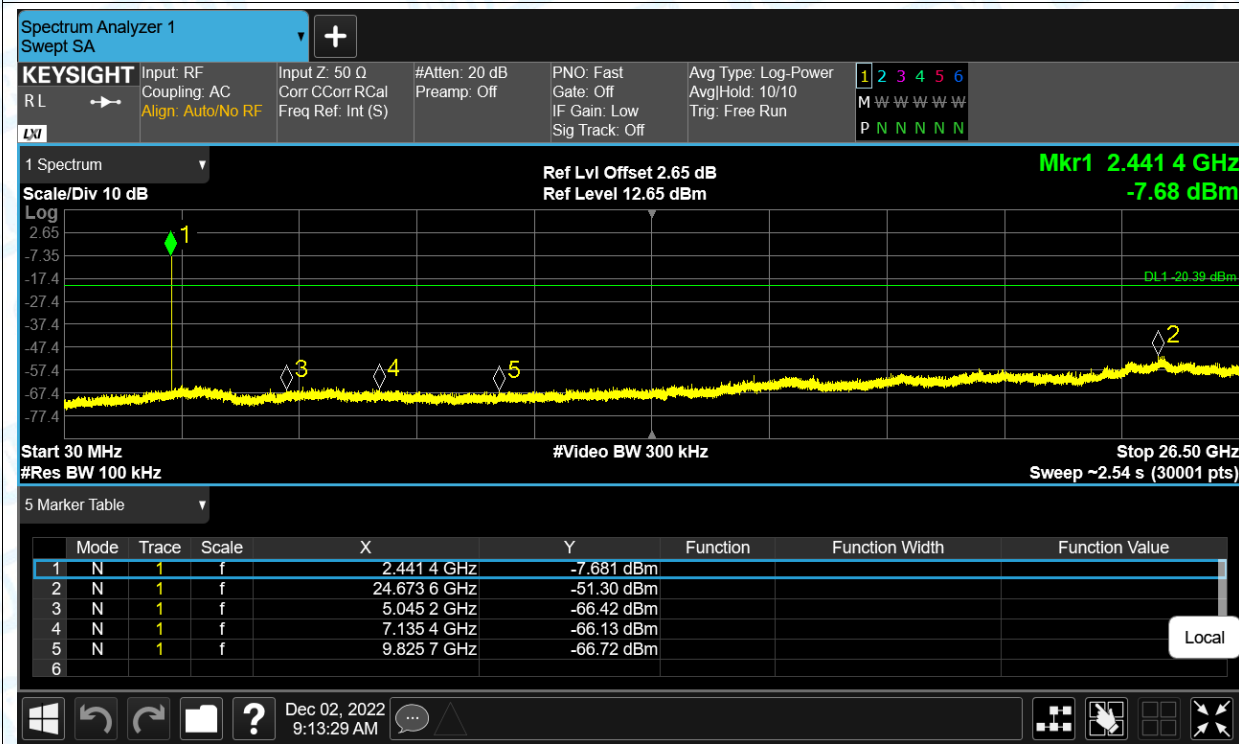
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



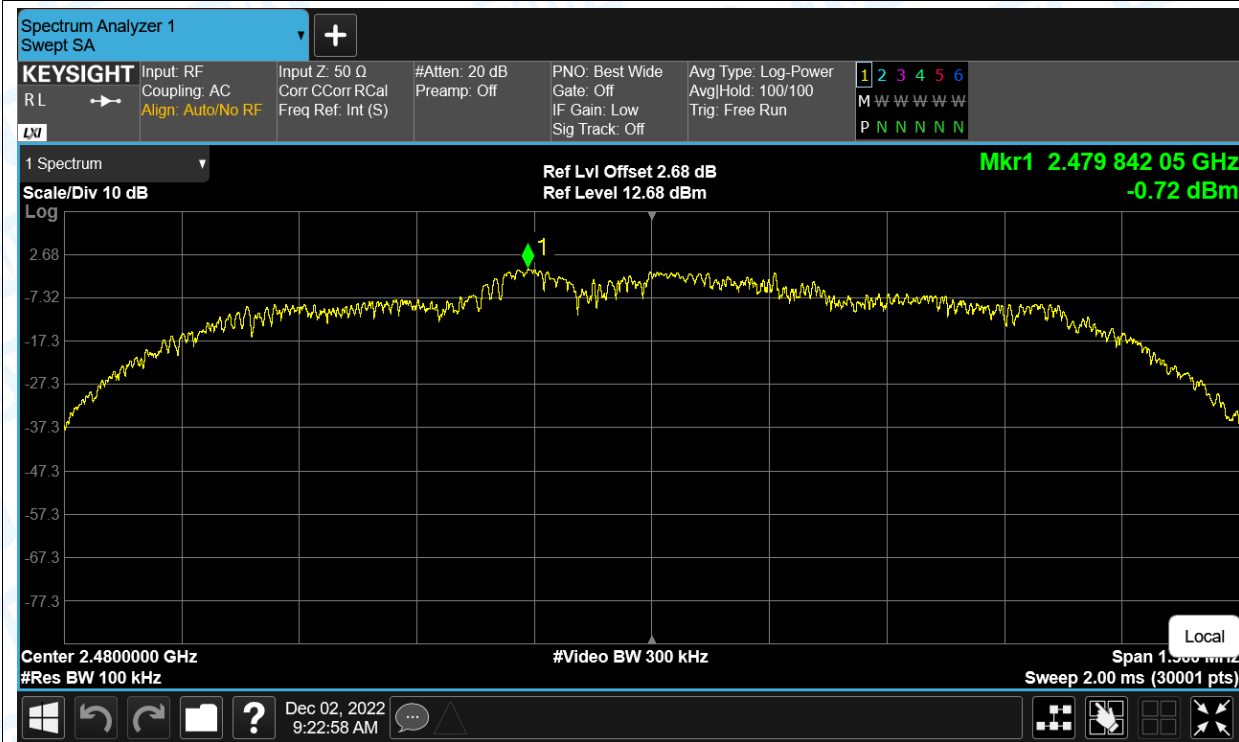
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



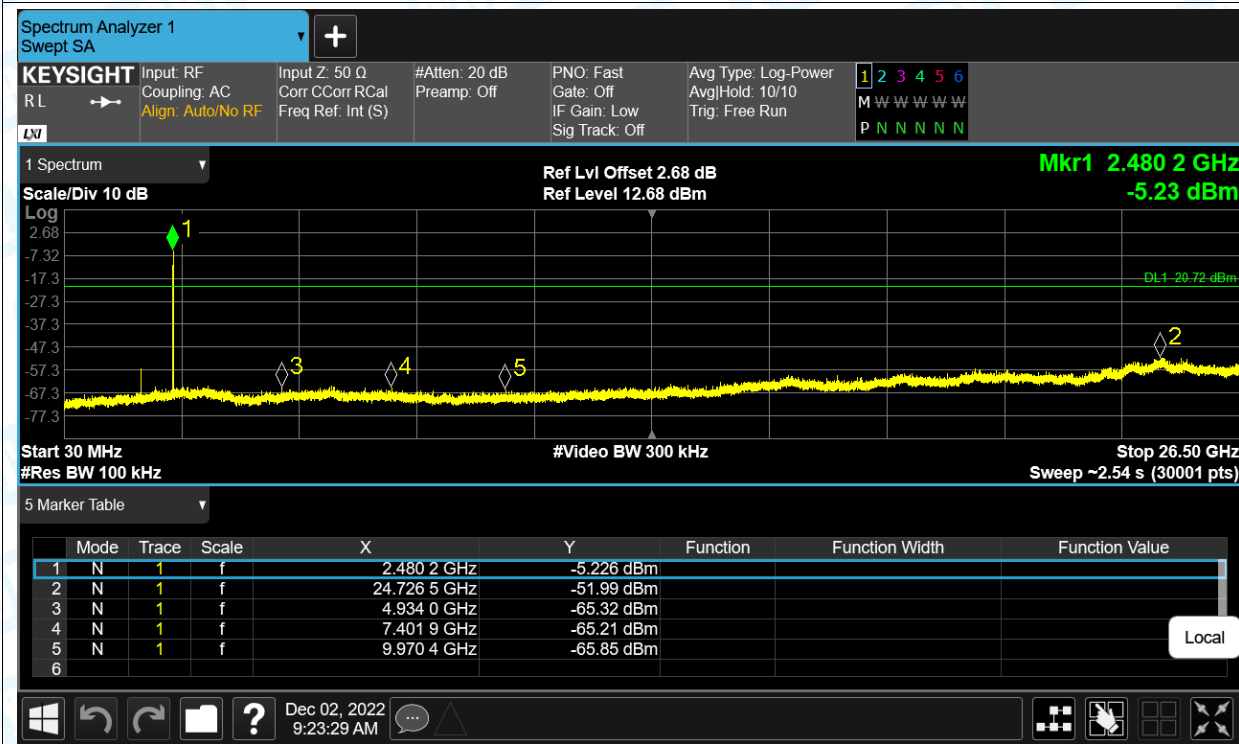
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



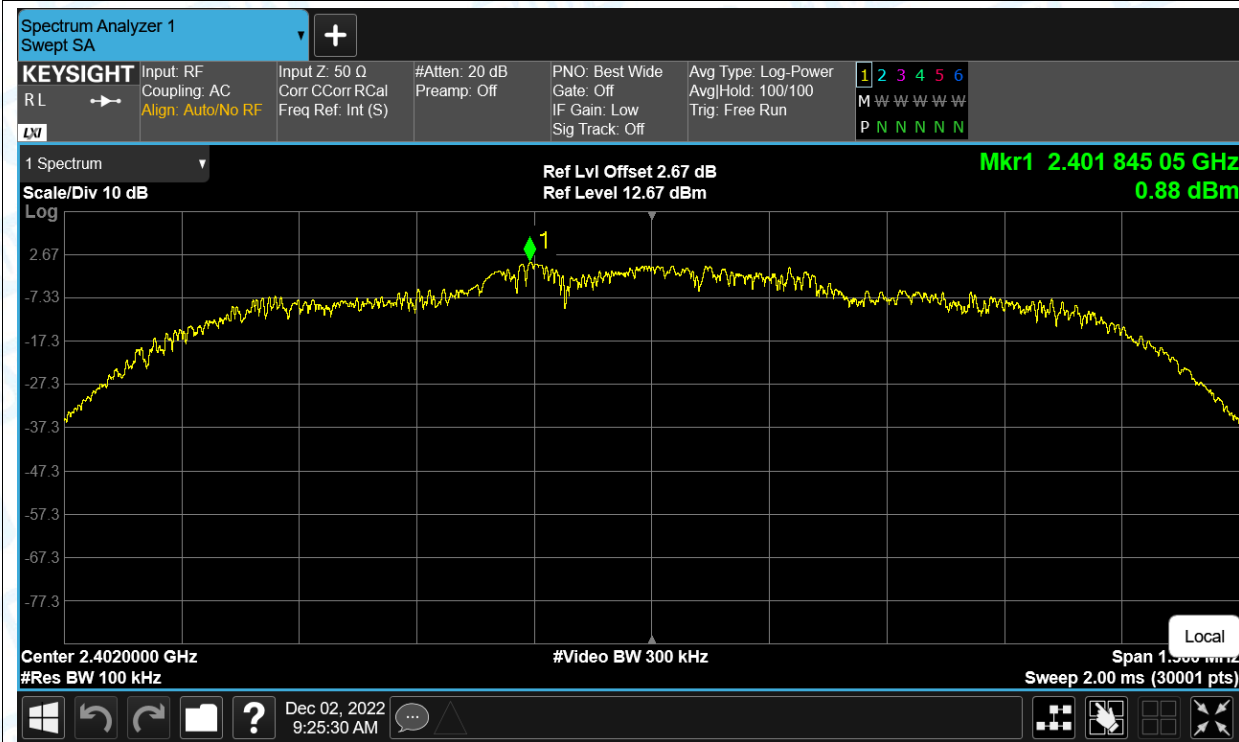
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



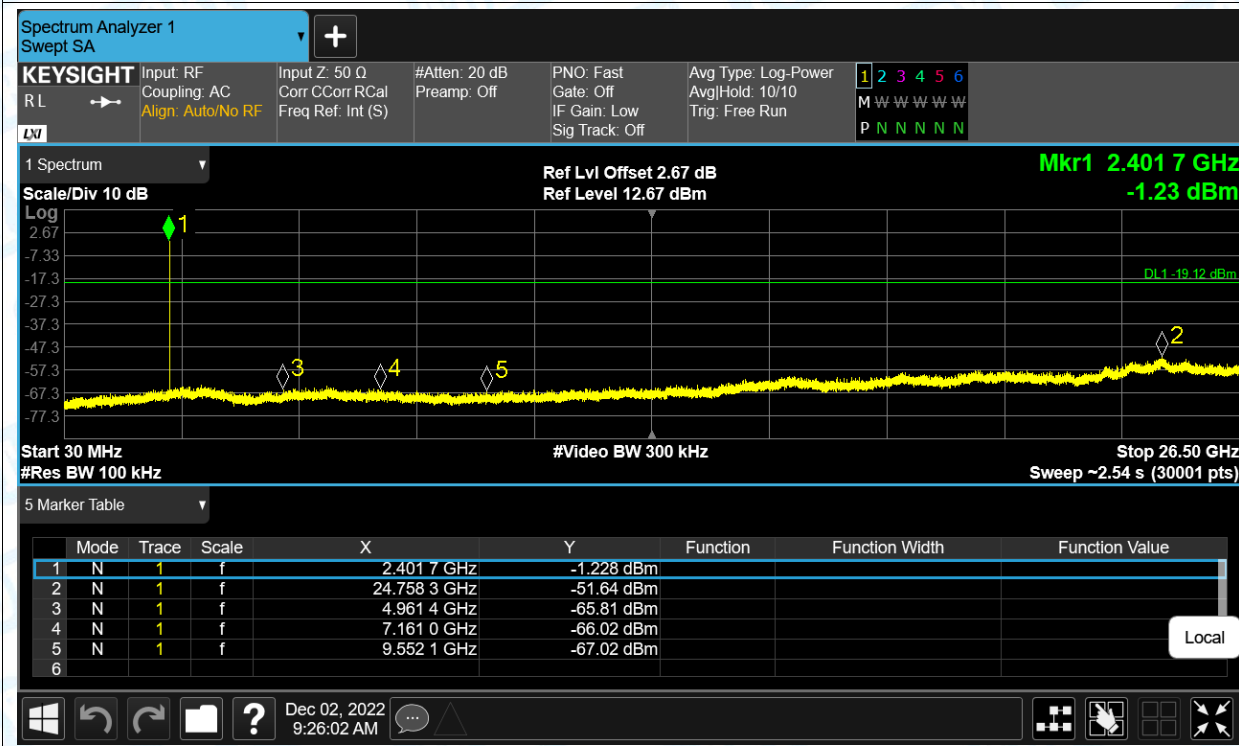
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref

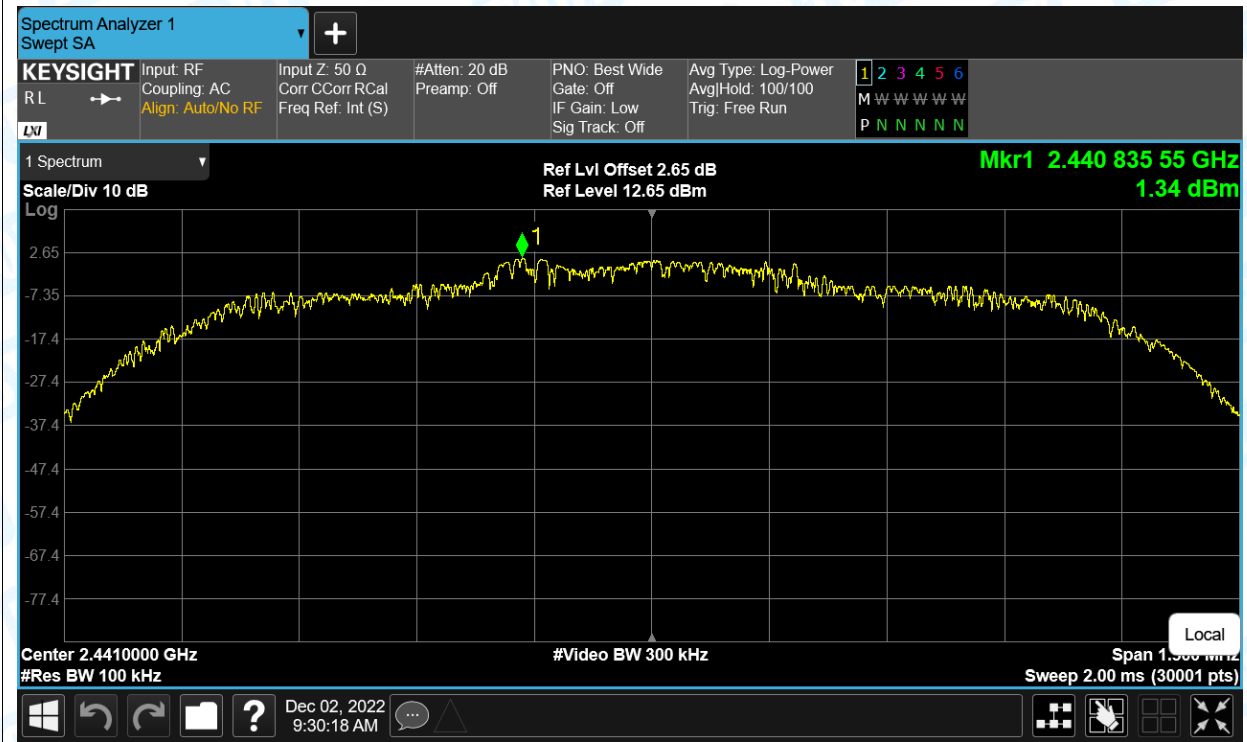


Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission

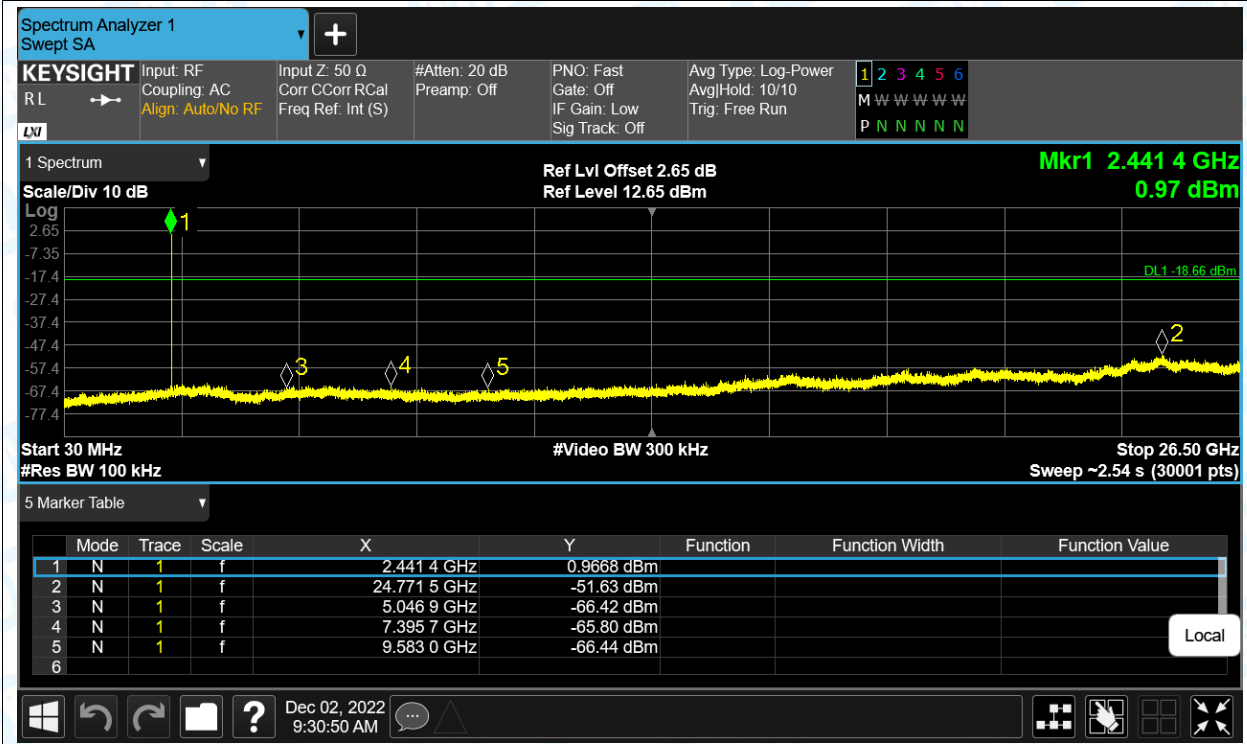




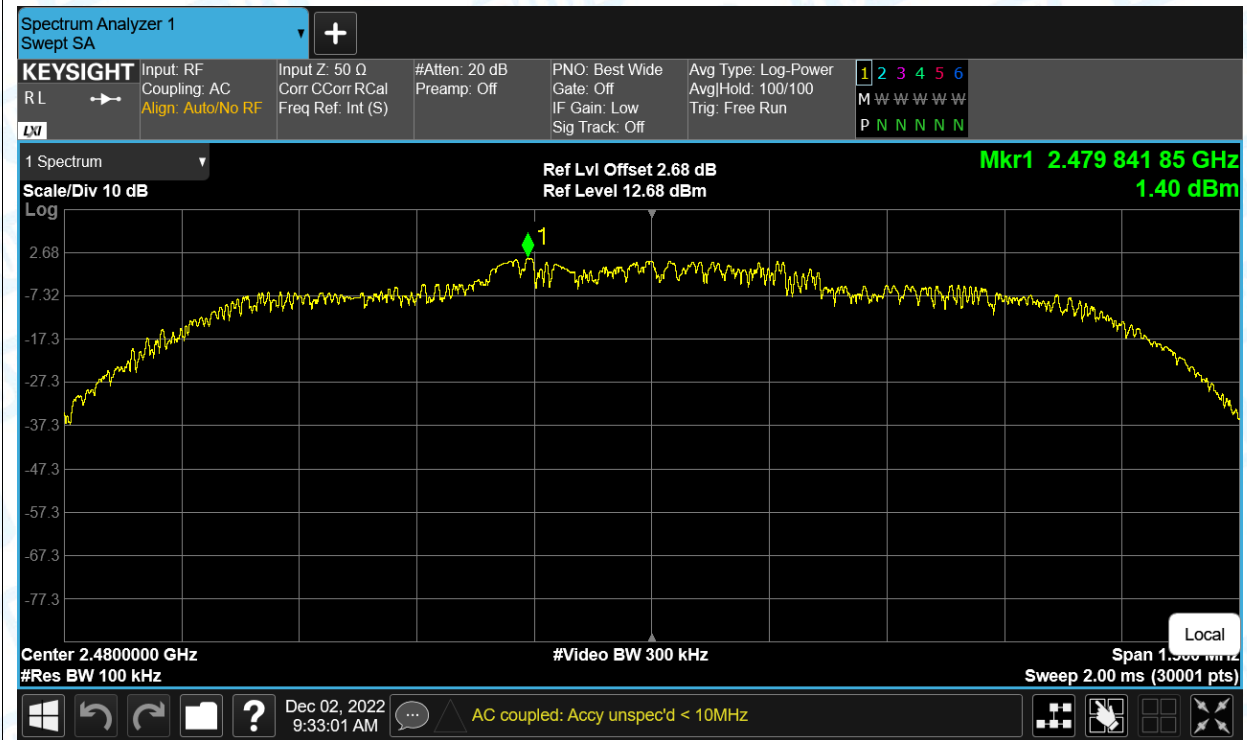
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



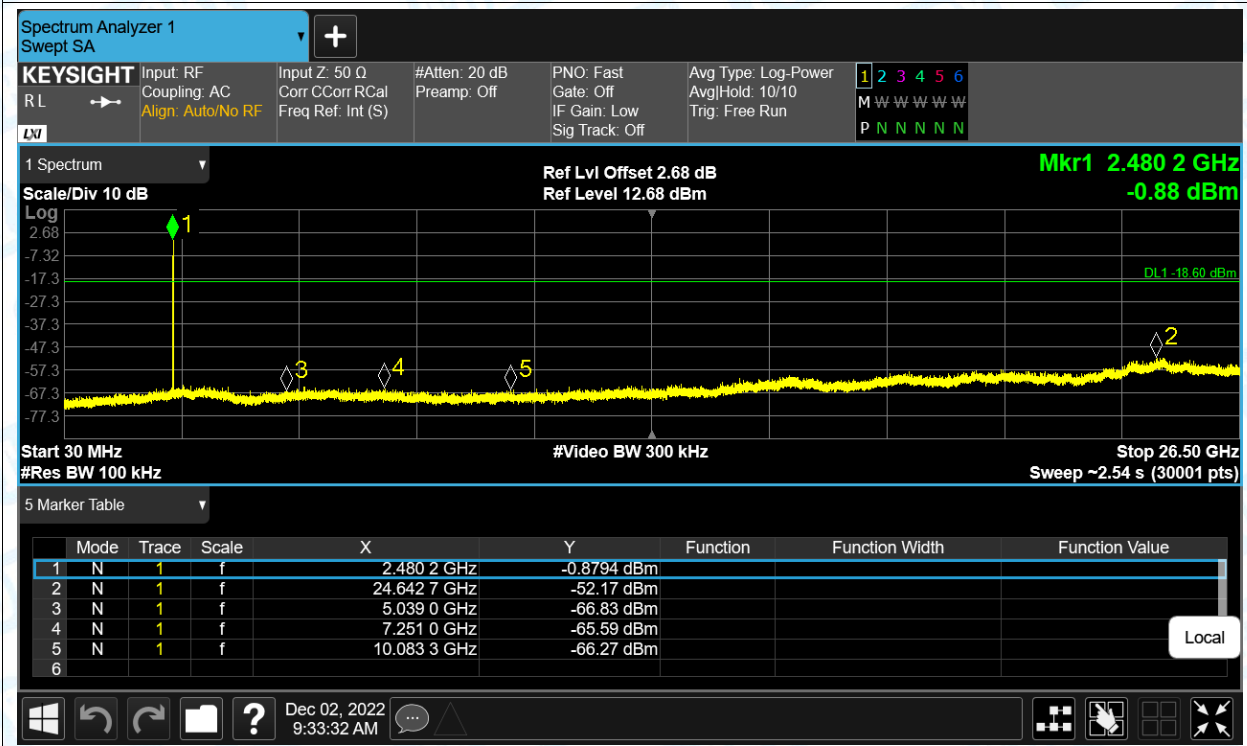
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission

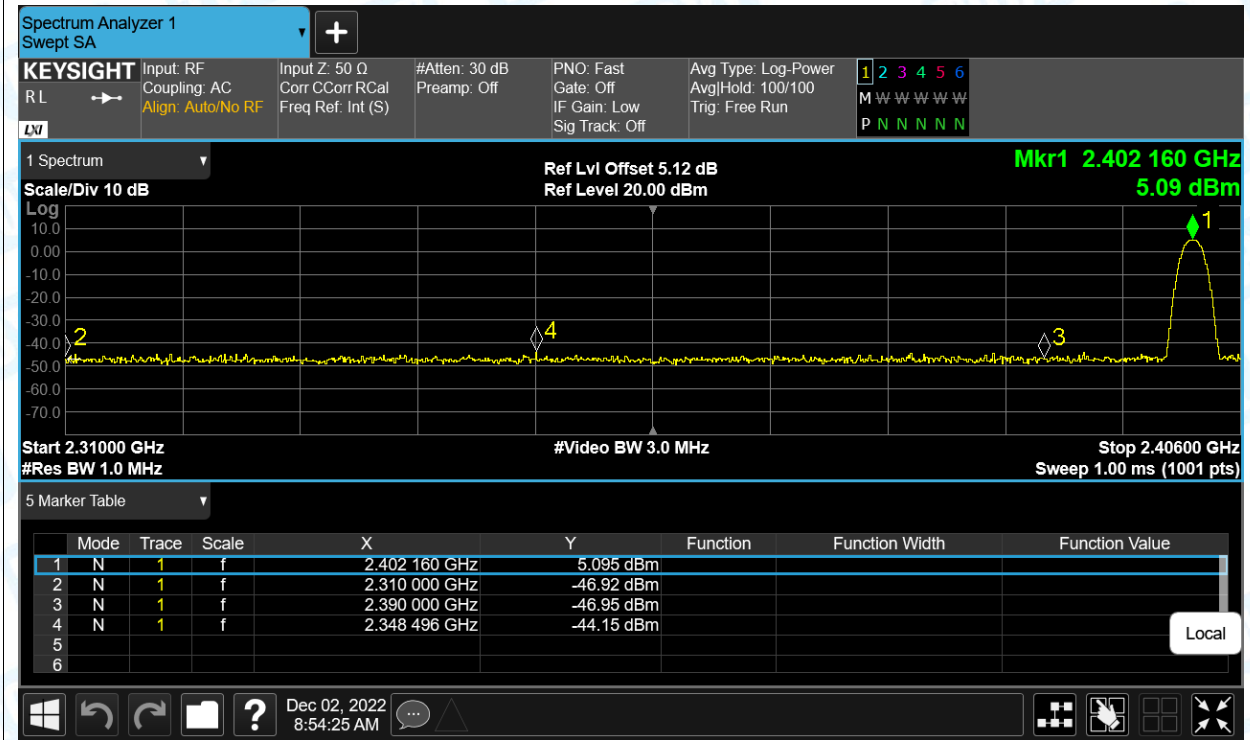


## 8. Restrict Band

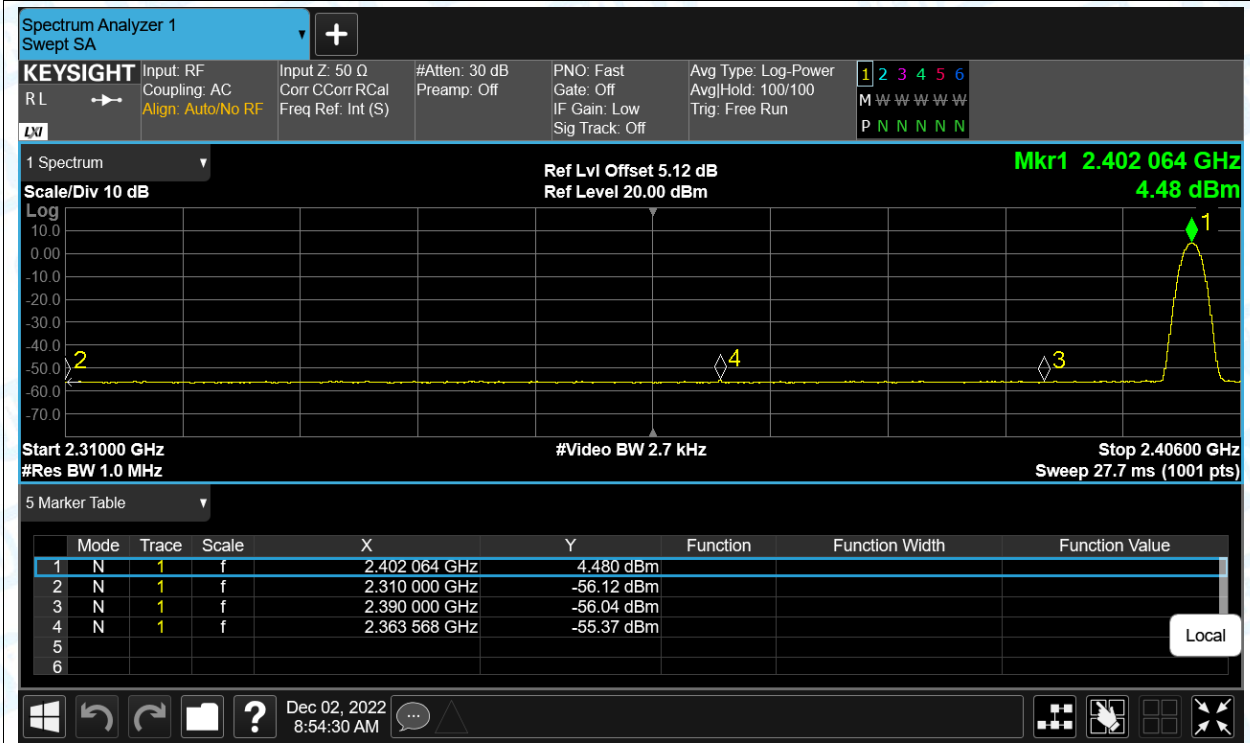
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|------------|------------|----------|----------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -46.92      | 2.45       | 50.79      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -56.12      | 2.45       | 41.59      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2348.496        | -44.15      | 2.45       | 53.56      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2363.568        | -55.37      | 2.45       | 42.34      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -46.81      | 2.45       | 50.9       | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -56.03      | 2.45       | 41.68      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -47.99      | 2.45       | 49.72      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -55.82      | 2.45       | 41.89      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2495.224        | -44.17      | 2.45       | 53.54      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2495.224        | -55.46      | 2.45       | 42.25      | Average  | 54             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -47.45      | 2.45       | 50.26      | Peak     | 74             | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -55.66      | 2.45       | 42.05      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -46.99      | 2.45       | 50.72      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -56.1       | 2.45       | 41.61      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2316.912        | -43.95      | 2.45       | 53.76      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2330.928        | -55.58      | 2.45       | 42.13      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -47.42      | 2.45       | 50.29      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -55.96      | 2.45       | 41.75      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -47.15      | 2.45       | 50.56      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -55.82      | 2.45       | 41.89      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2496.088        | -43.99      | 2.45       | 53.72      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2489.176        | -55.35      | 2.45       | 42.36      | Average  | 54             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -47.56      | 2.45       | 50.15      | Peak     | 74             | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -55.98      | 2.45       | 41.73      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -46.08      | 2.45       | 51.63      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2310            | -56.04      | 2.45       | 41.67      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2354.544        | -43.98      | 2.45       | 53.73      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2323.92         | -55.43      | 2.45       | 42.28      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -48.09      | 2.45       | 49.62      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | 2390            | -56.16      | 2.45       | 41.55      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -47.87      | 2.45       | 49.84      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2483.5          | -55.69      | 2.45       | 42.02      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2486.92         | -44.01      | 2.45       | 53.7       | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2492.56         | -55.28      | 2.45       | 42.43      | Average  | 54             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -47.04      | 2.45       | 50.67      | Peak     | 74             | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | 2500            | -55.93      | 2.45       | 41.78      | Average  | 54             | Pass    |

Test Graphs

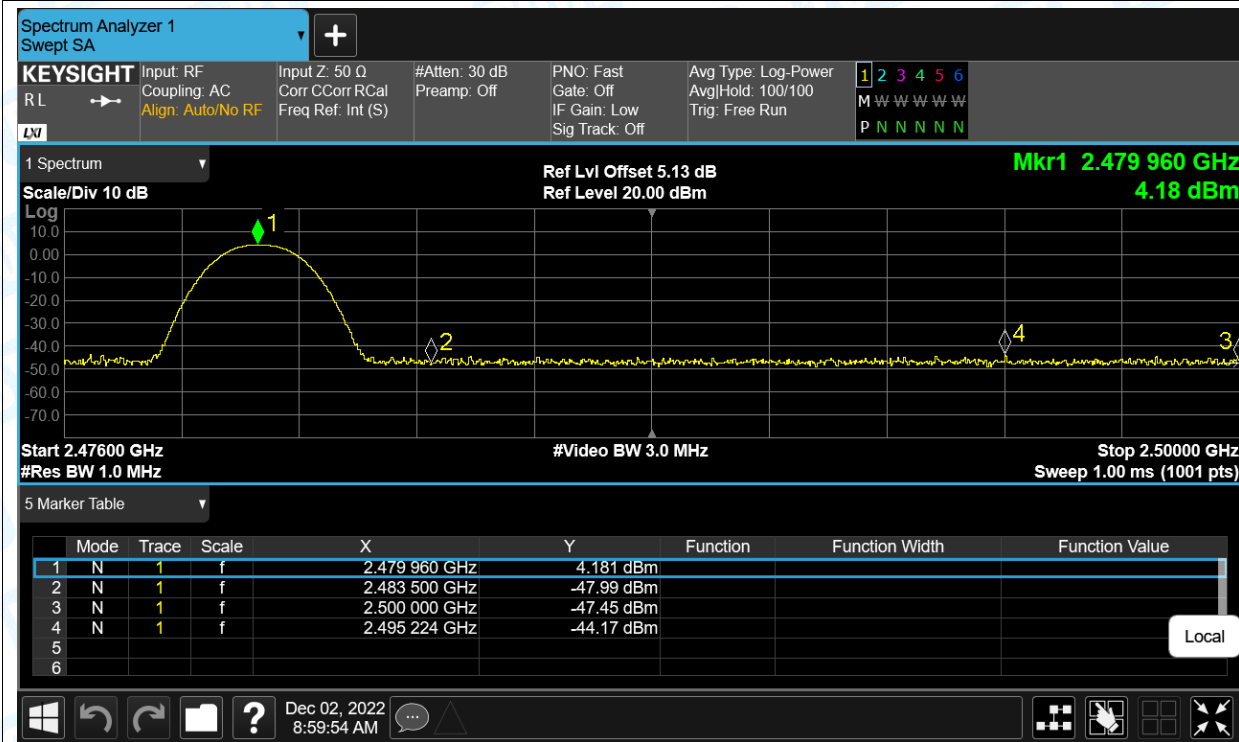
Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Peak



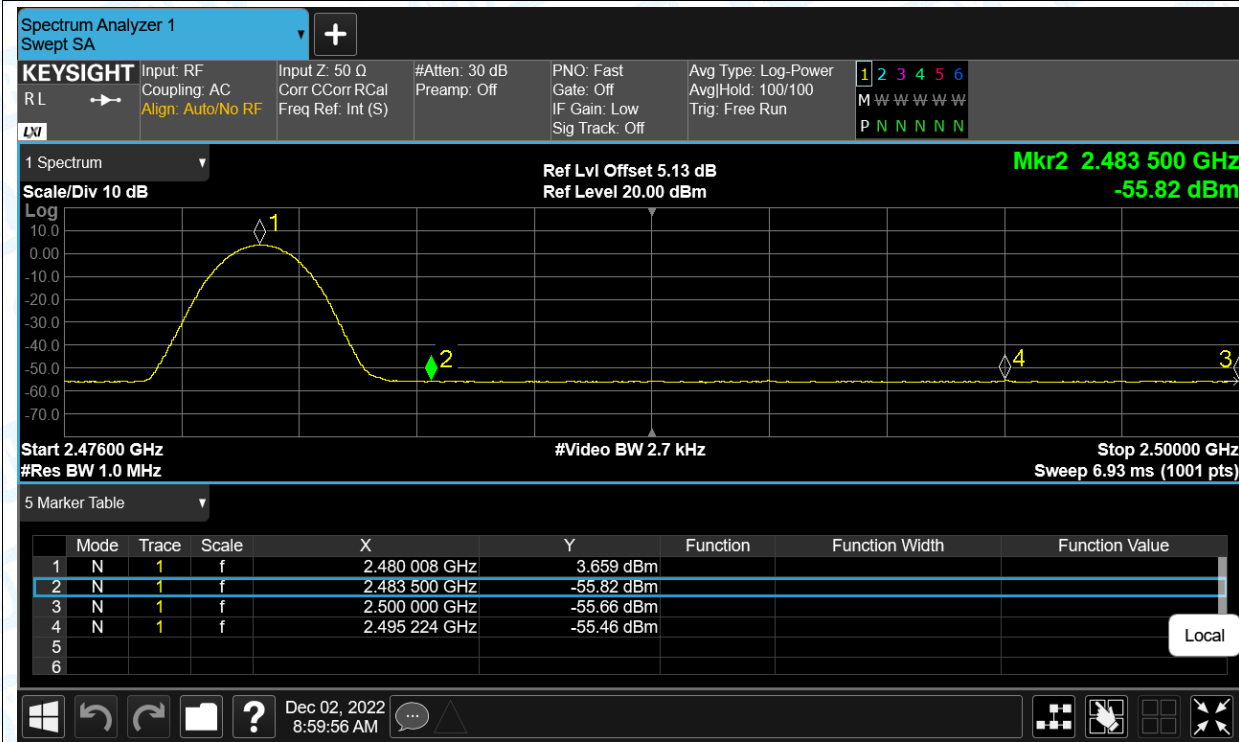
Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Average



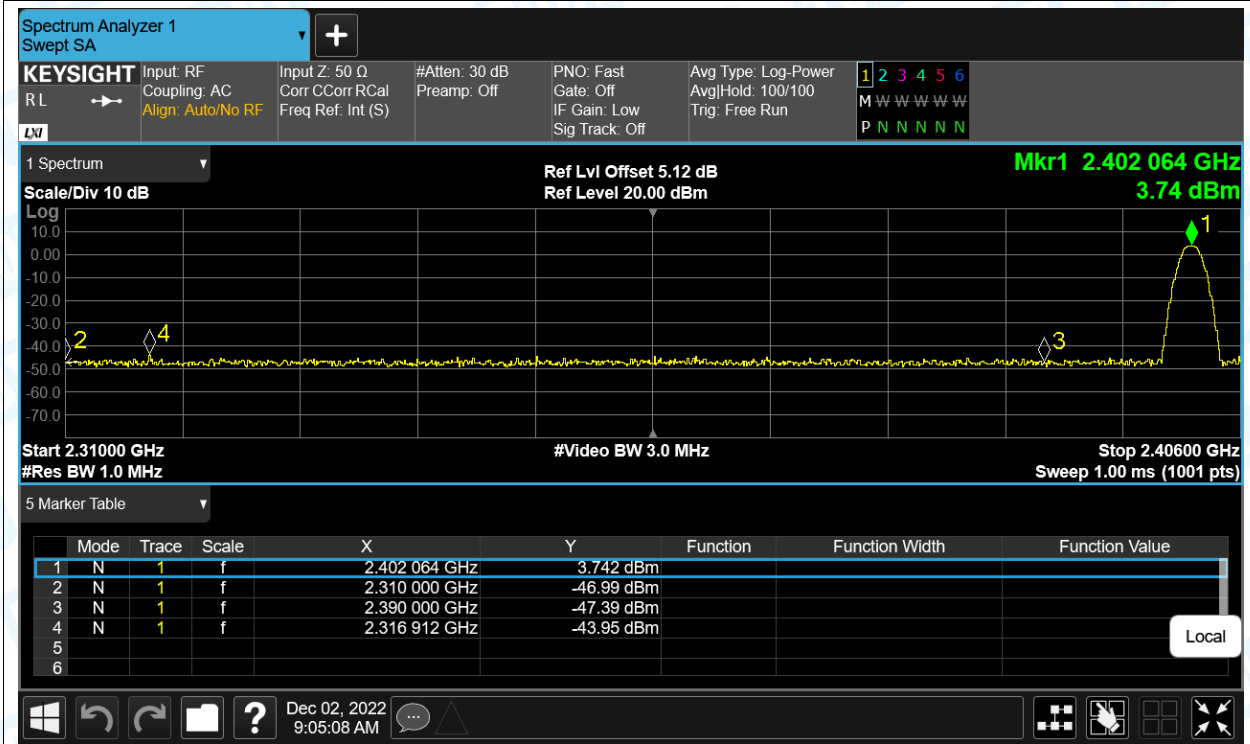
Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Peak



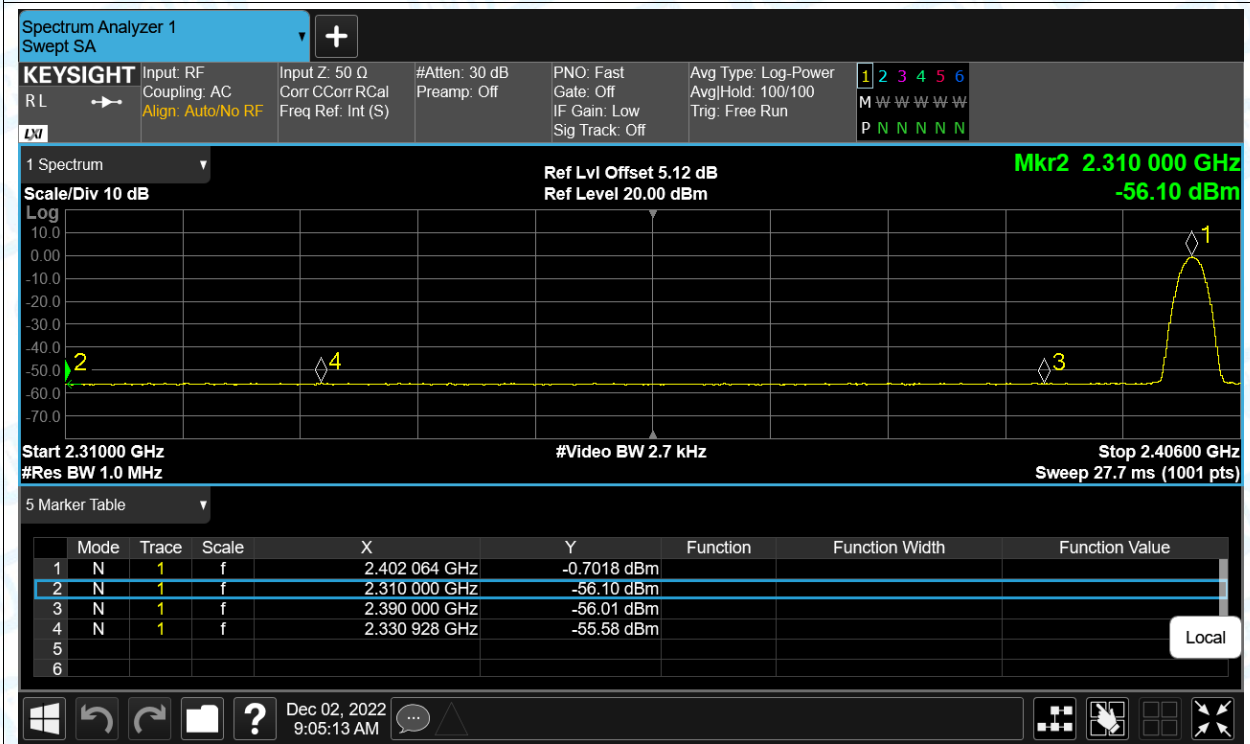
Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Average



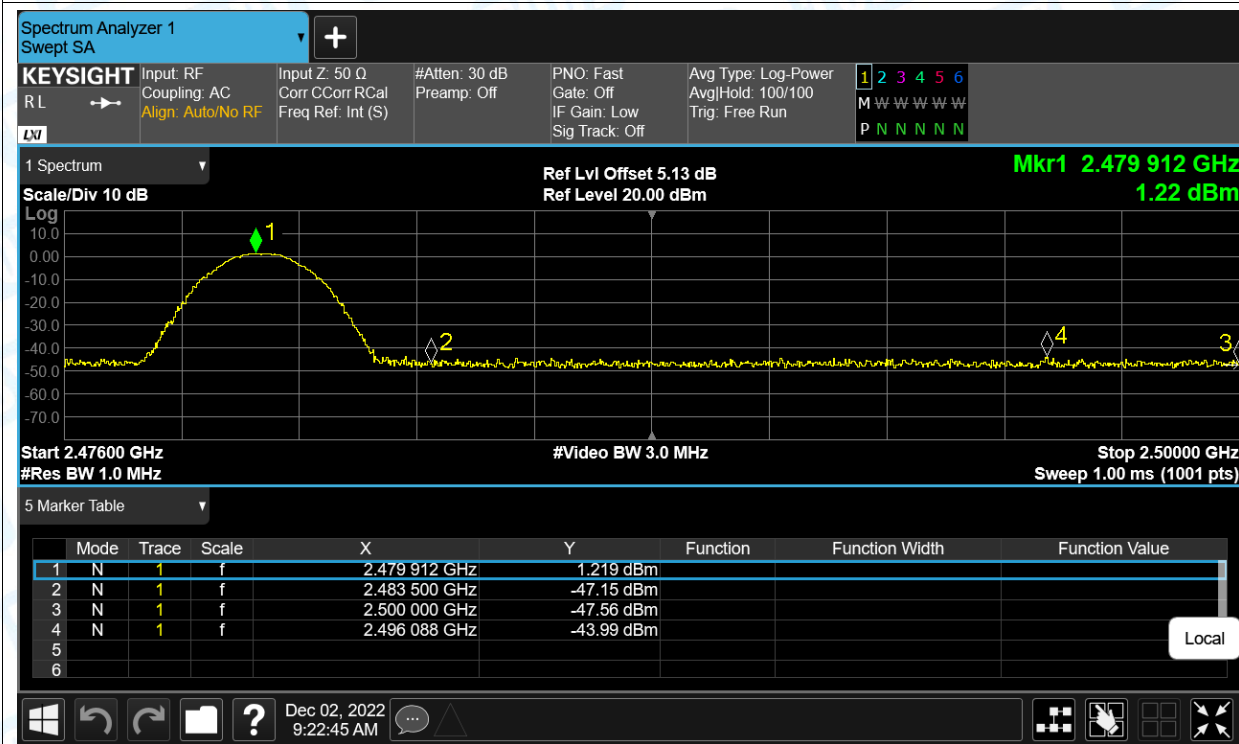
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Peak



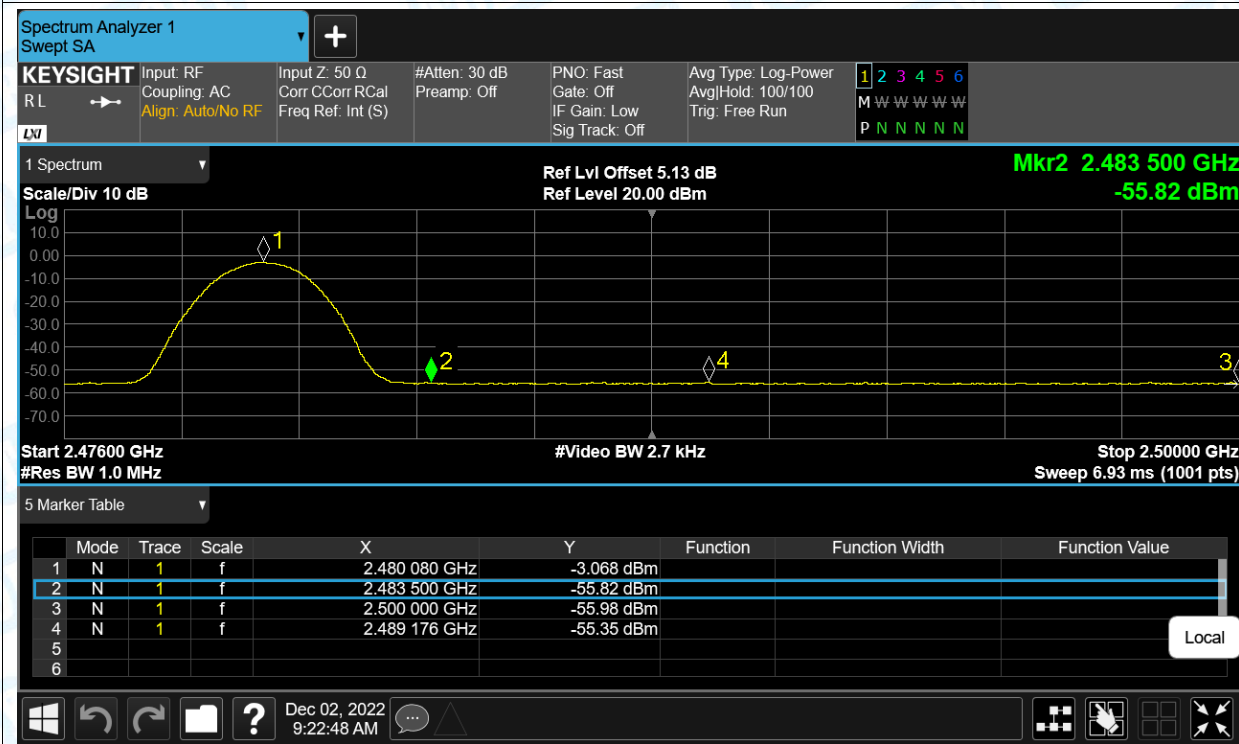
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Average



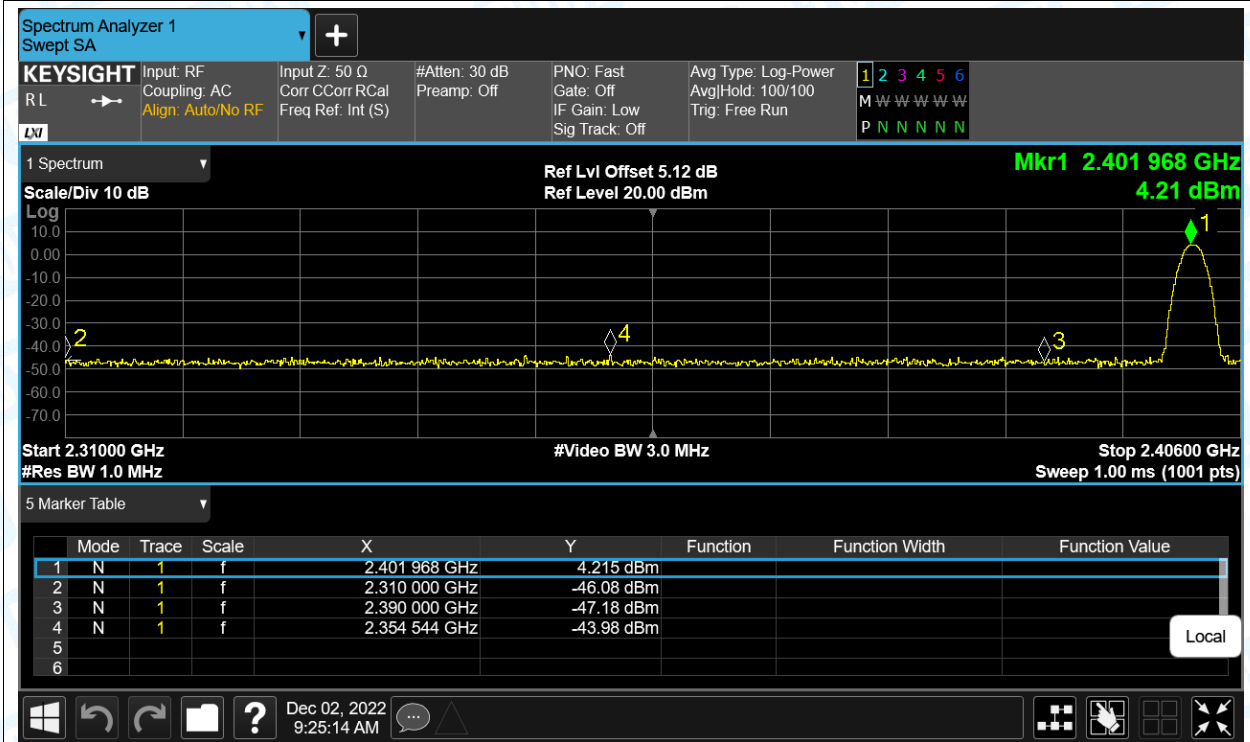
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Peak



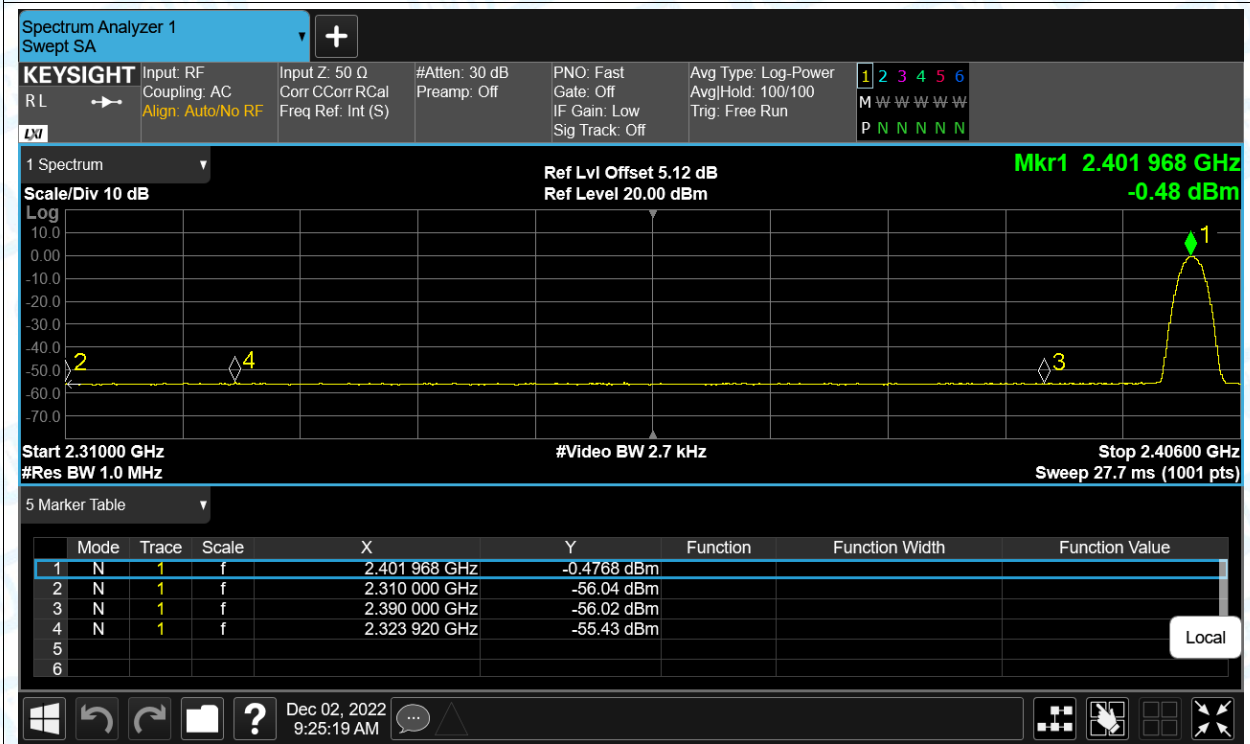
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Average



Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Peak

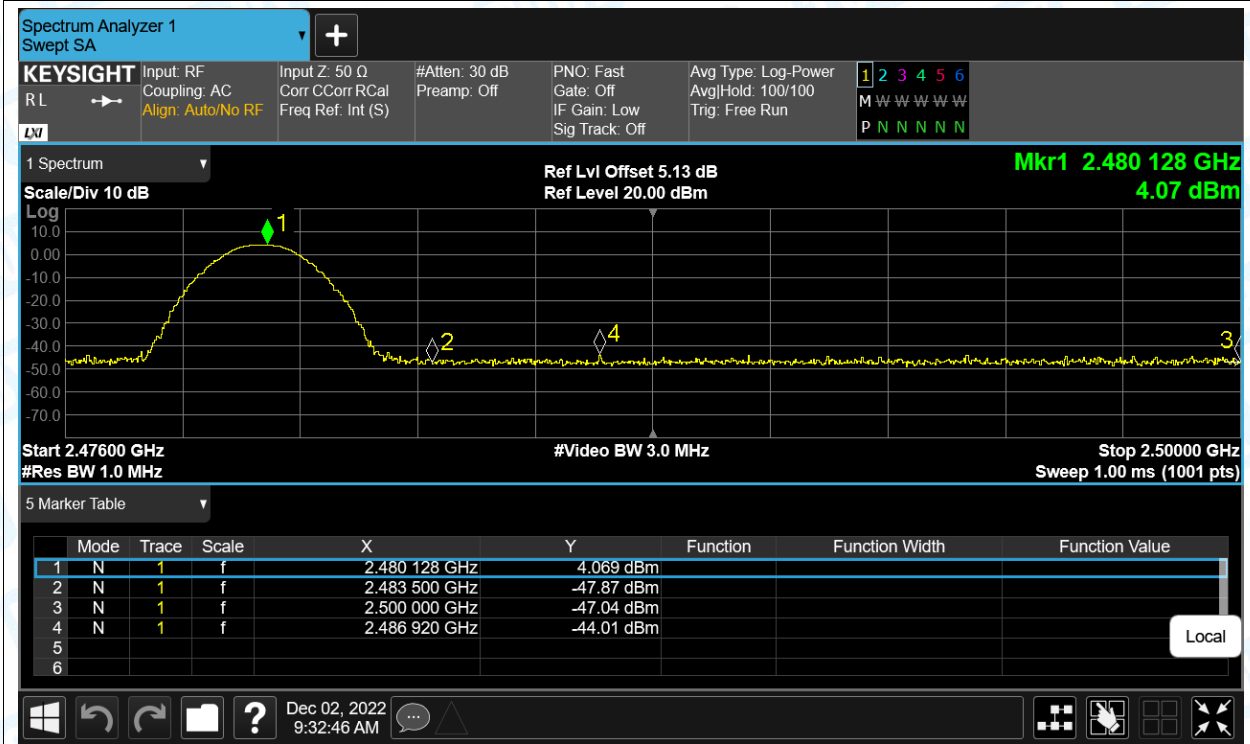


Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Average

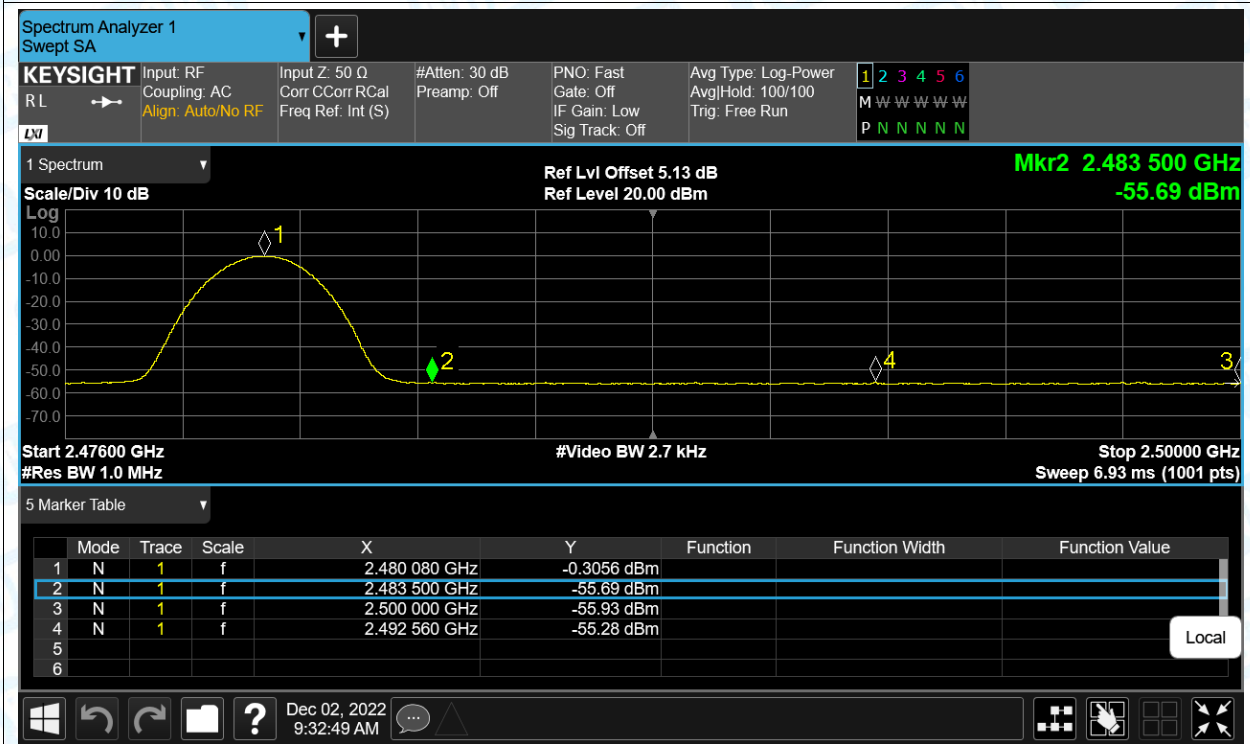




Restrict Band NVNT 3-DH1 2480MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH1 2480MHz Ant1 No-Hopping Average

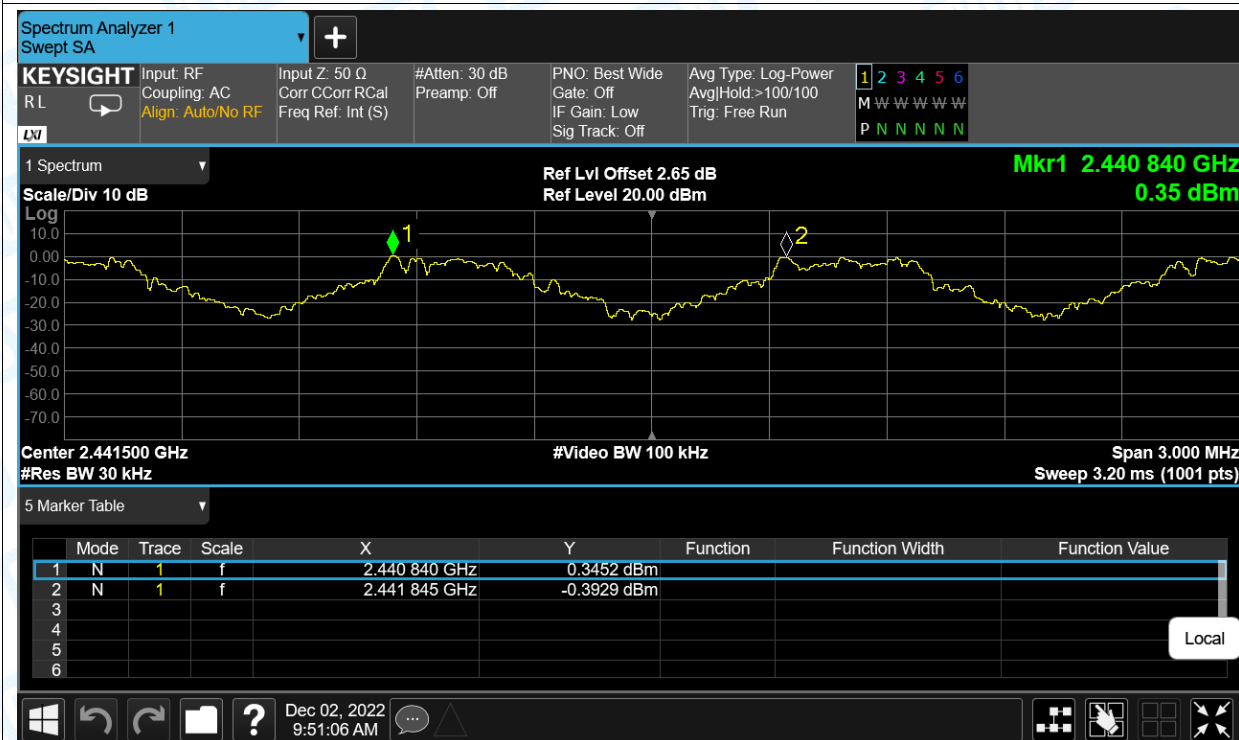


## 9. Carrier Frequencies Separation

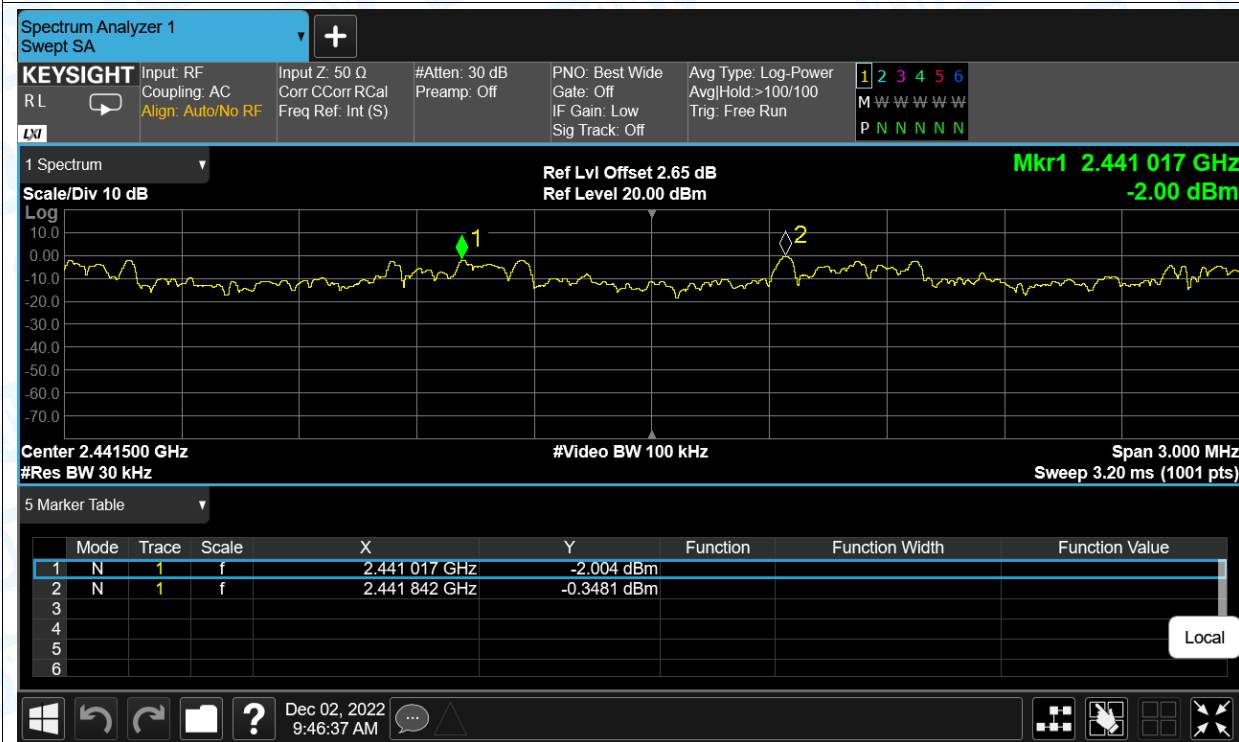
| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH1 | Ant1    | 2440.84             | 2441.845            | 1.005     | 0.547       | Pass    |
| NVNT      | 2-DH1 | Ant1    | 2441.017            | 2441.842            | 0.825     | 0.820       | Pass    |
| NVNT      | 3-DH1 | Ant1    | 2440.834            | 2441.842            | 1.008     | 0.807       | Pass    |

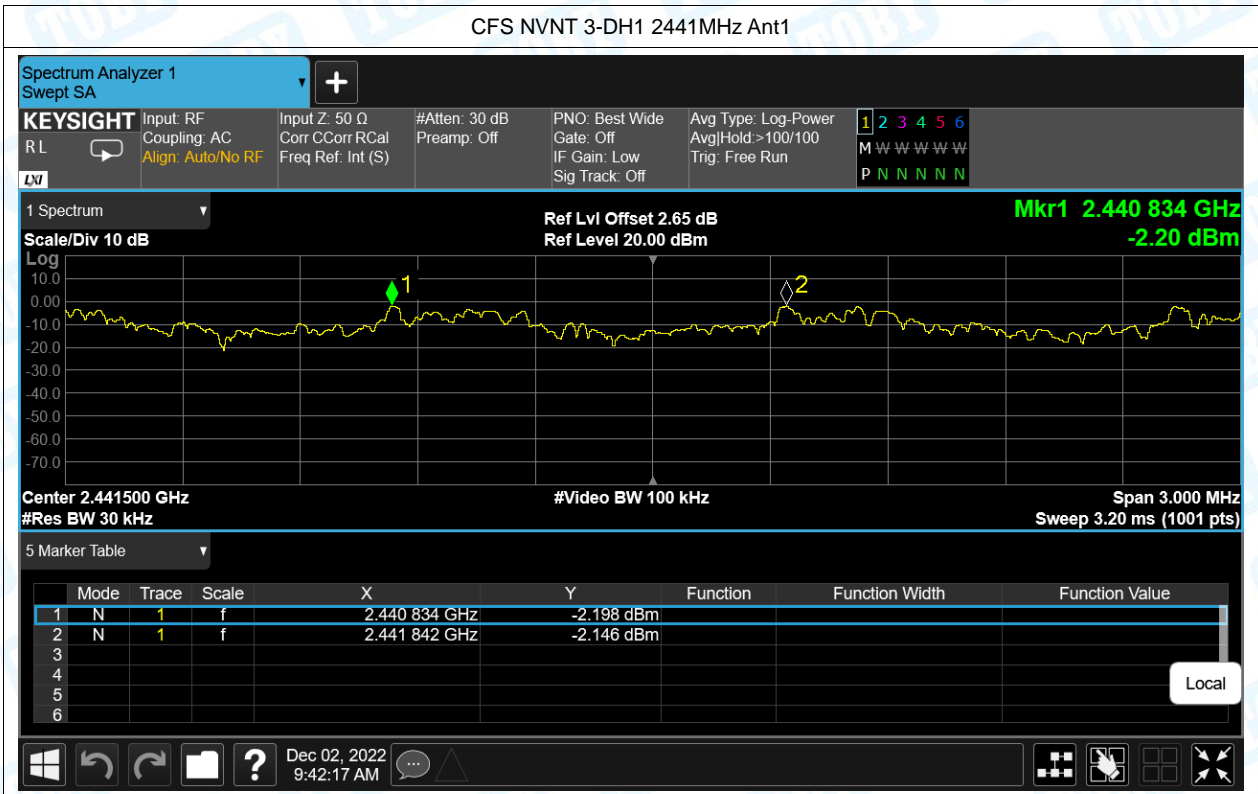
Test Graphs

CFS NVNT 1-DH1 2441MHz Ant1



CFS NVNT 2-DH1 2441MHz Ant1



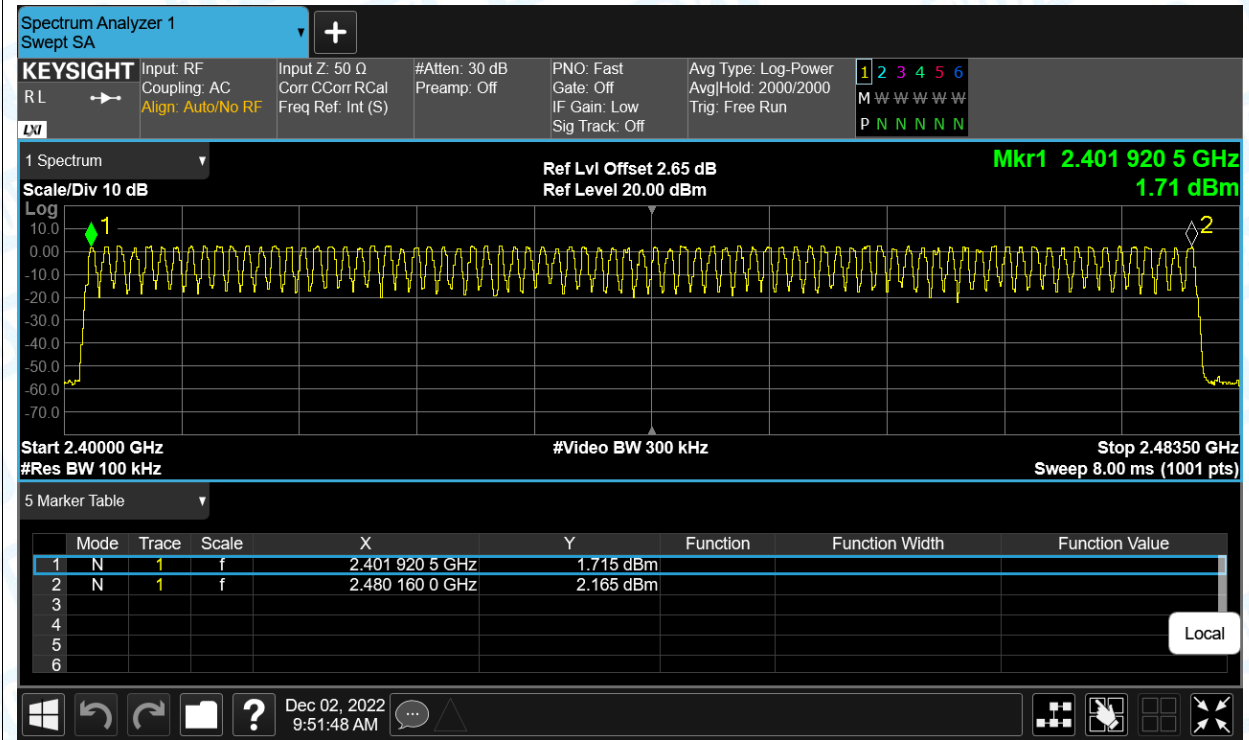


## 10. Number of Hopping Channel

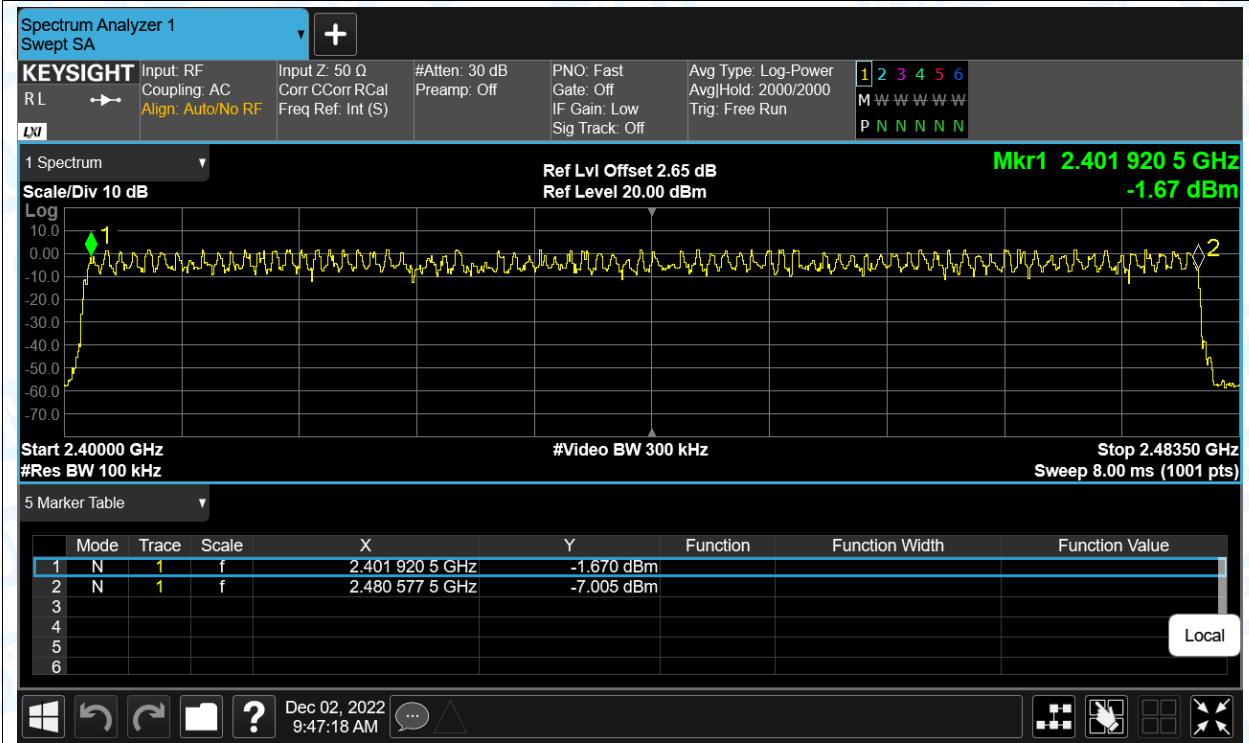
| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH1 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 2-DH1 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 3-DH1 | Ant1    | 79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

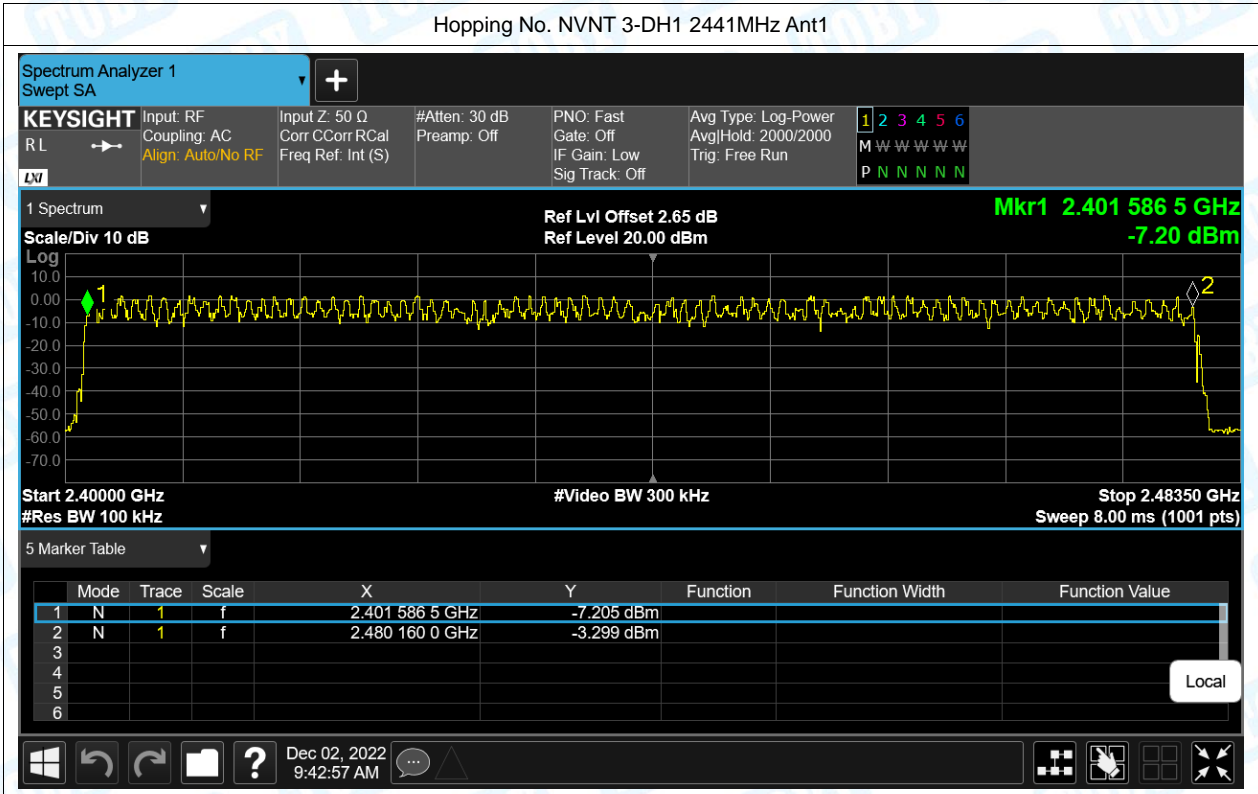
Test Graphs

Hopping No. NVNT 1-DH1 2441MHz Ant1



Hopping No. NVNT 2-DH1 2441MHz Ant1





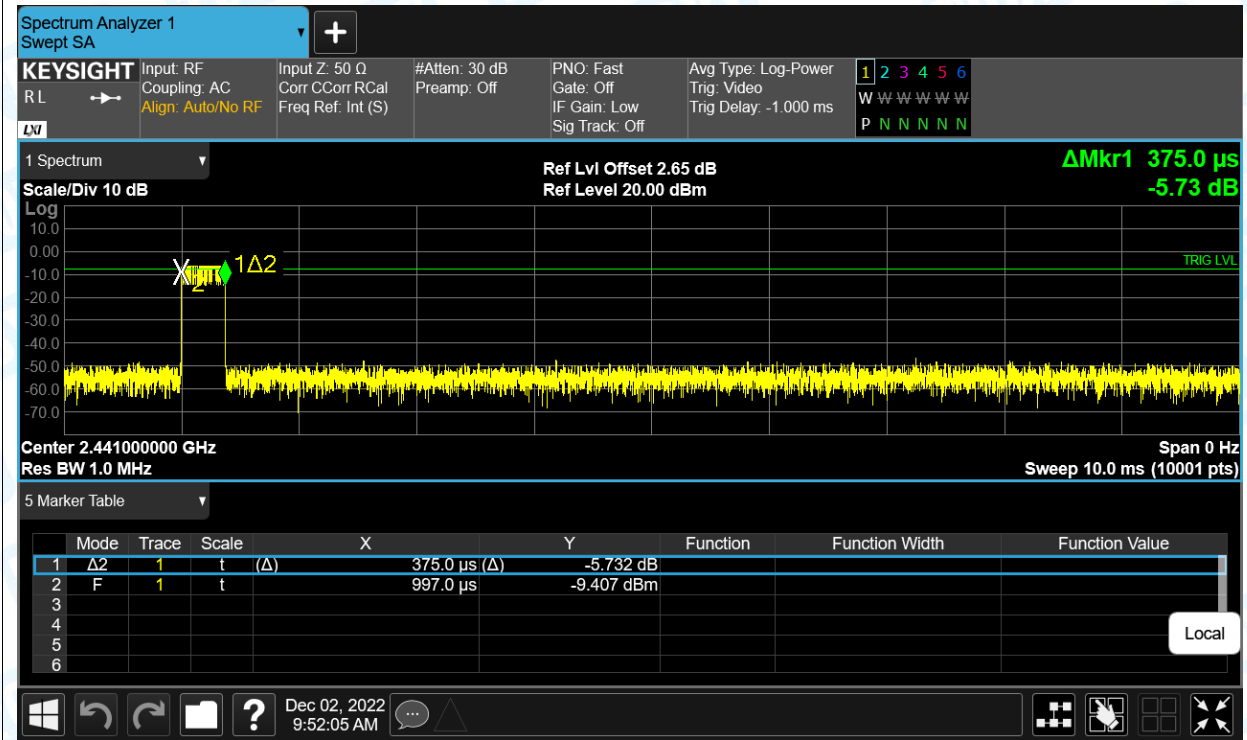
## 11. Dwell Time

| Condition | Mode  | Frequency (MHz) | Antenna | Pulse Time (ms) | Total Dwell Time (ms) | Period Time (ms) | Limit (ms) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-----------------------|------------------|------------|---------|
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.375           | 120                   | 31600            | 400        | Pass    |
| NVNT      | 1-DH3 | 2441            | Ant1    | 1.63            | 260.8                 | 31600            | 400        | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 2.878           | 306.987               | 31600            | 400        | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 0.383           | 122.56                | 31600            | 400        | Pass    |
| NVNT      | 2-DH3 | 2441            | Ant1    | 1.635           | 261.6                 | 31600            | 400        | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | 2.883           | 307.52                | 31600            | 400        | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 0.383           | 122.56                | 31600            | 400        | Pass    |
| NVNT      | 3-DH3 | 2441            | Ant1    | 1.633           | 261.28                | 31600            | 400        | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | 2.883           | 307.52                | 31600            | 400        | Pass    |

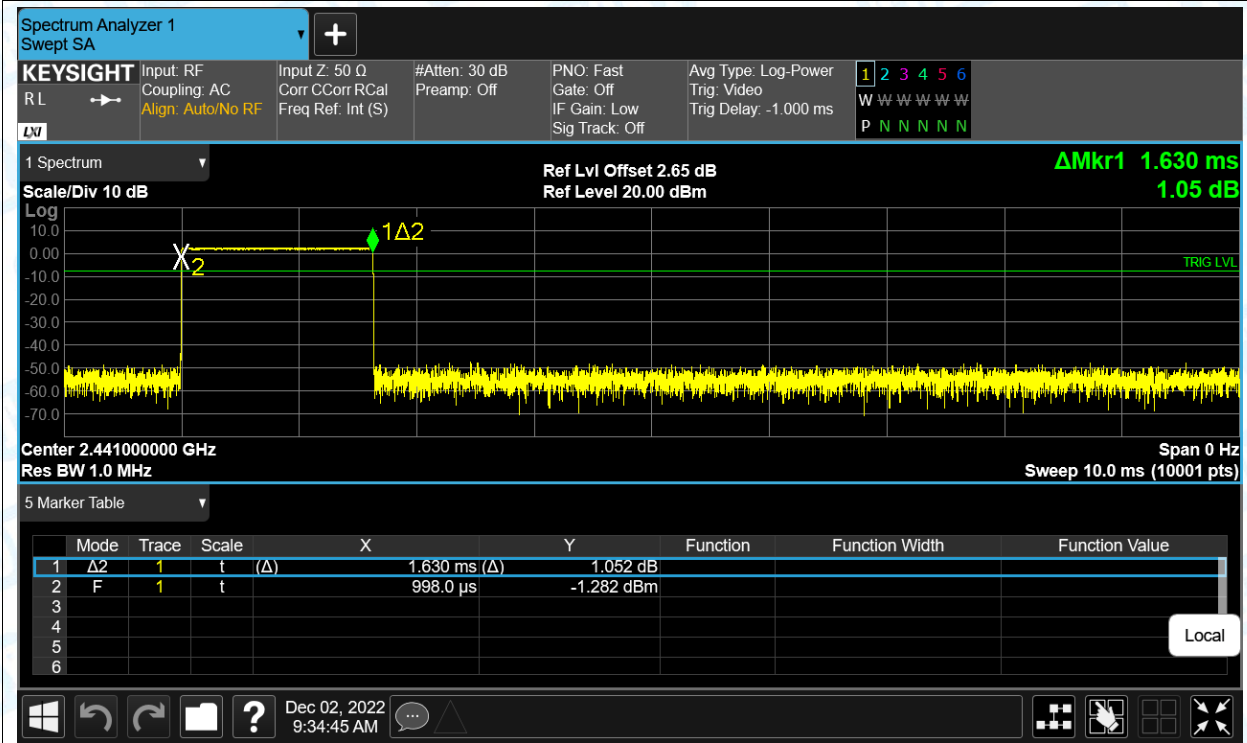


Test Graphs

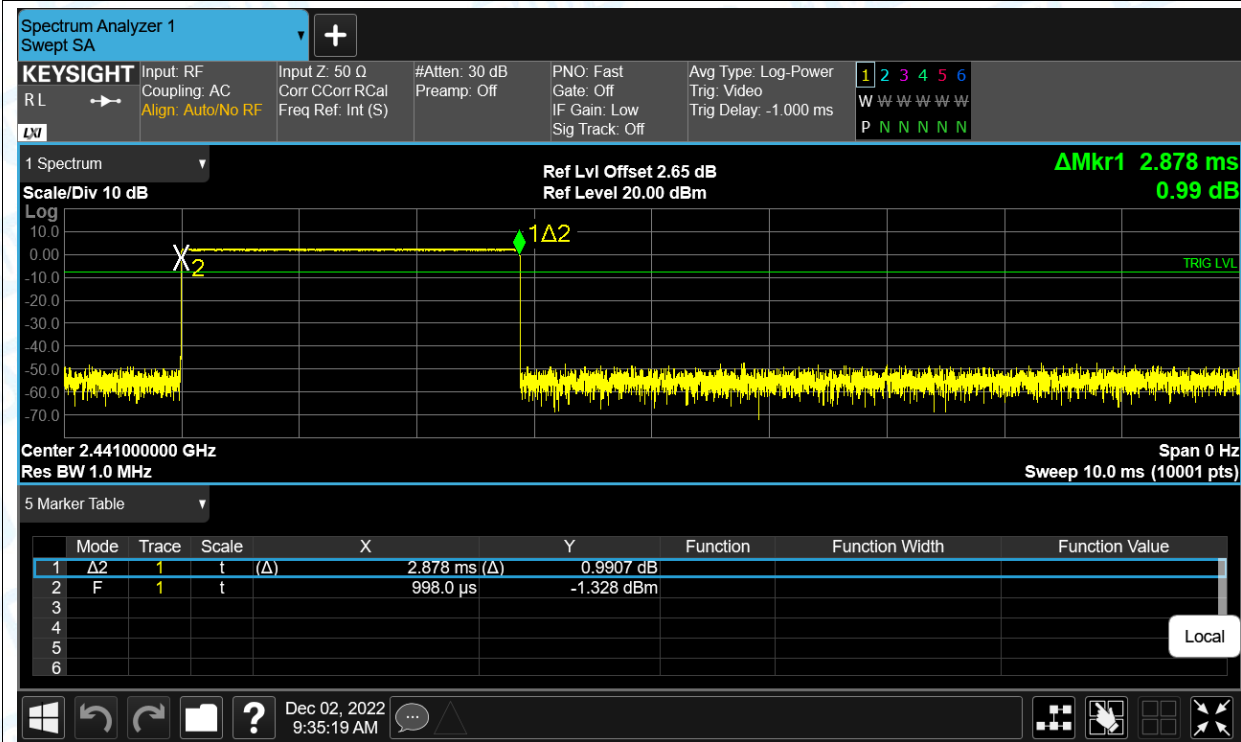
Dwell NVNT 1-DH1 2441MHz Ant1



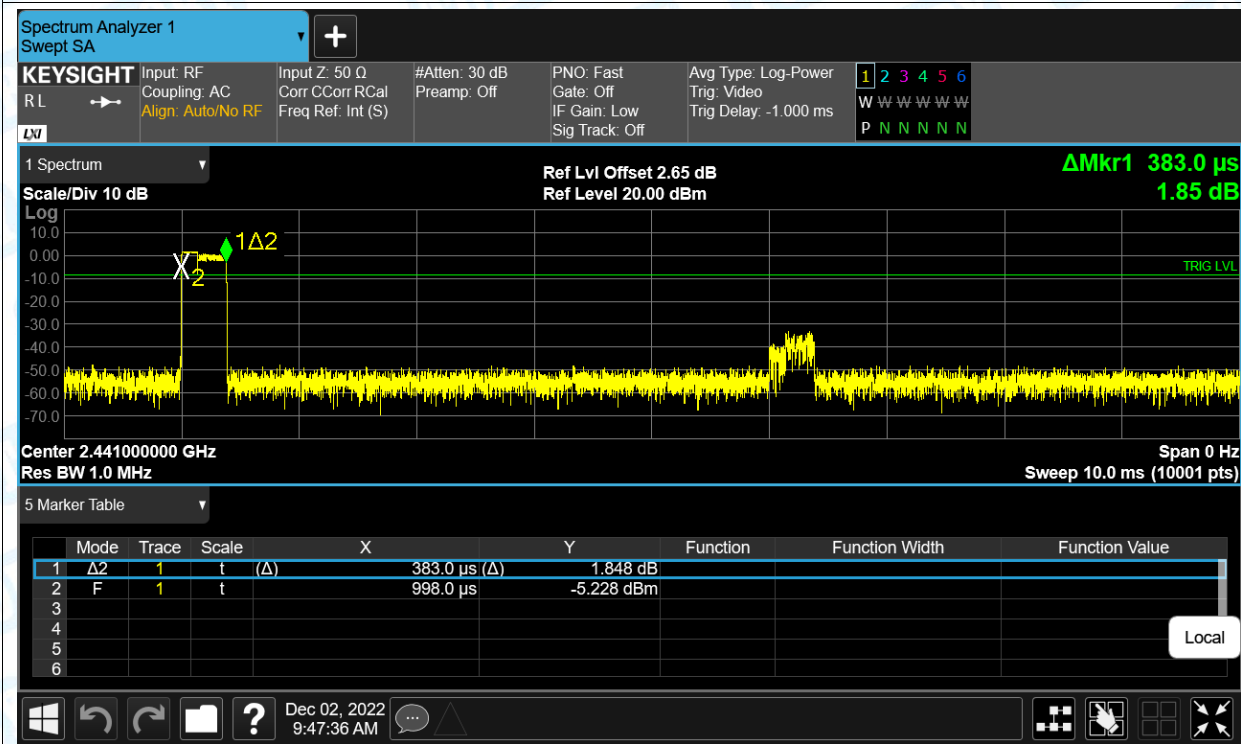
Dwell NVNT 1-DH3 2441MHz Ant1



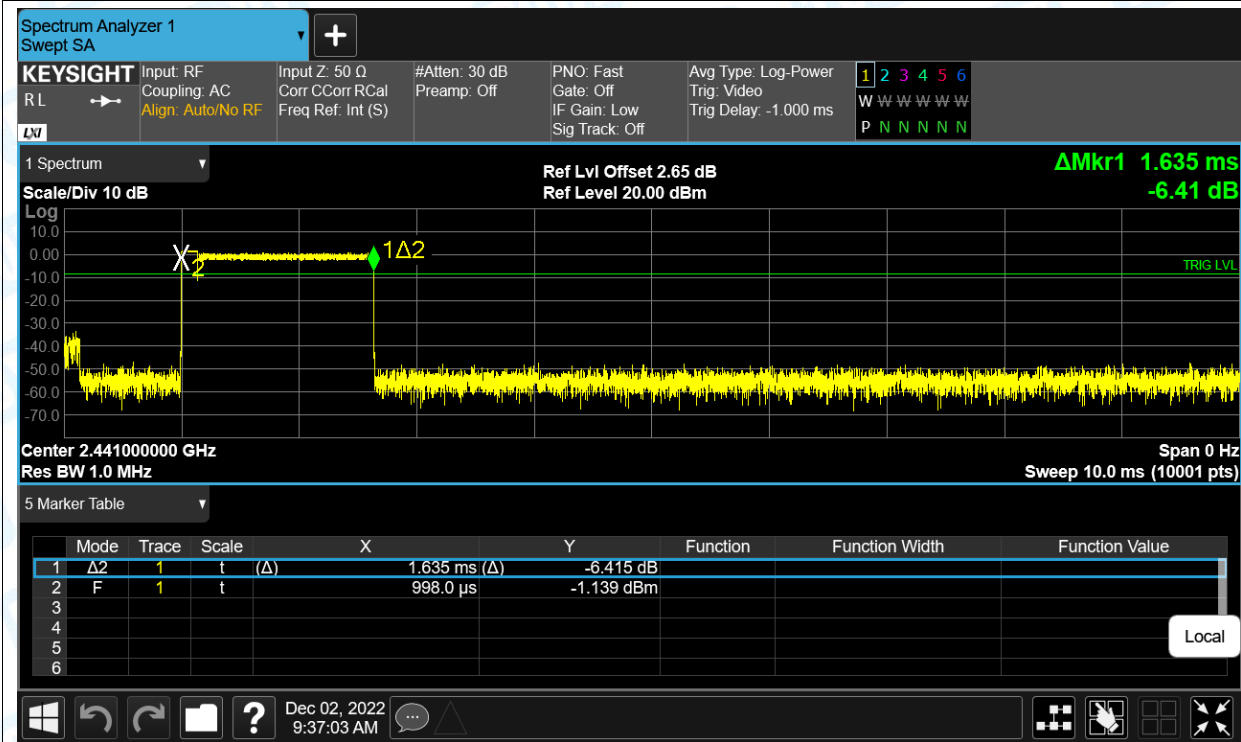
Dwell NVNT 1-DH5 2441MHz Ant1



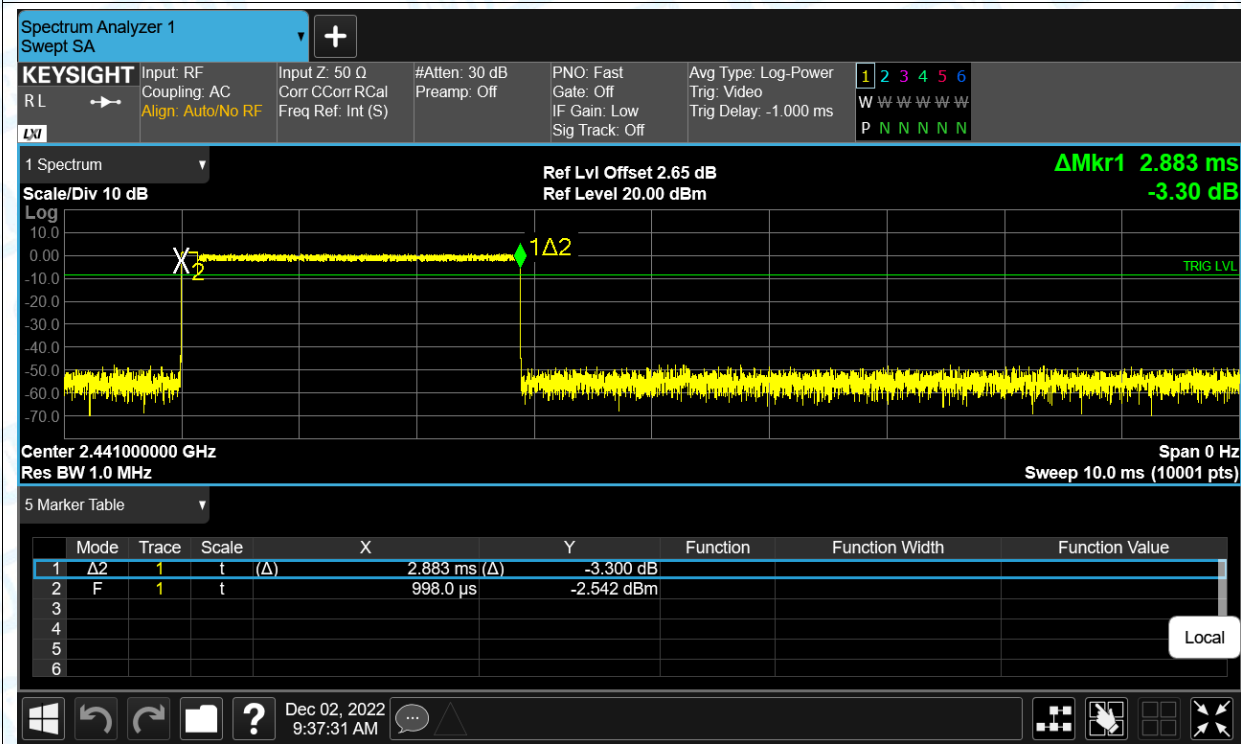
Dwell NVNT 2-DH1 2441MHz Ant1



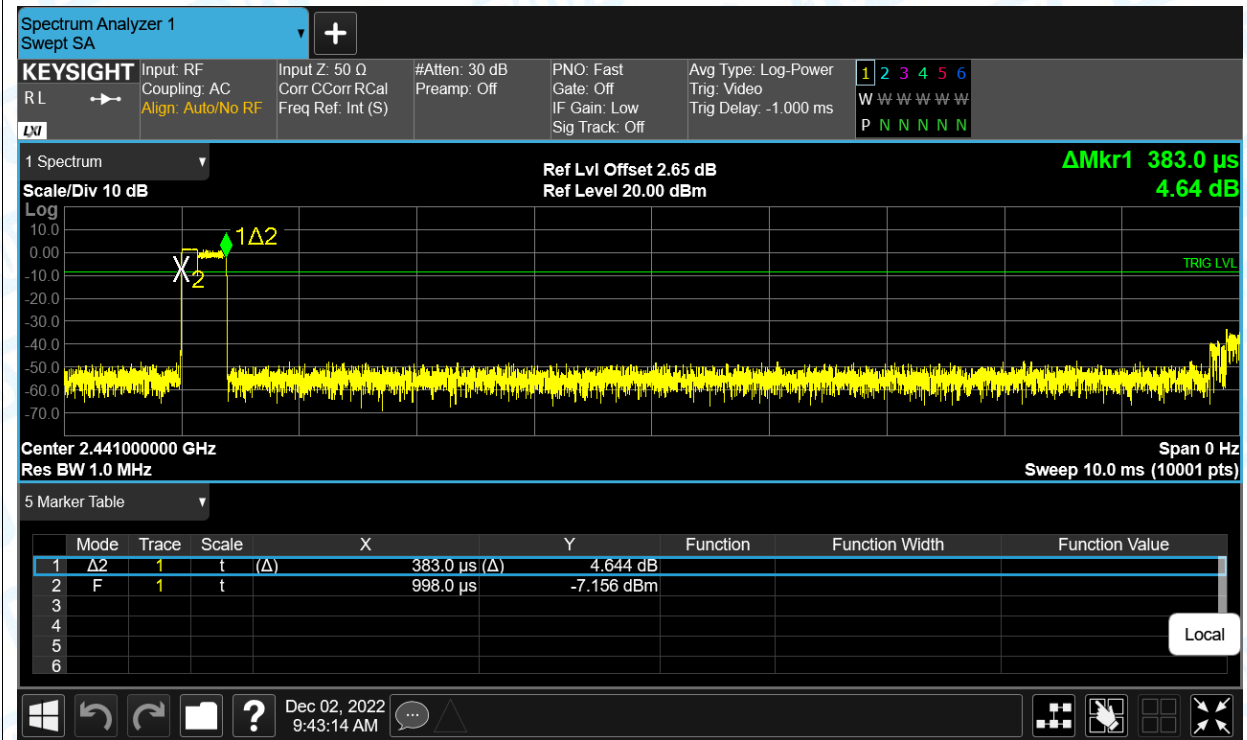
Dwell NVNT 2-DH3 2441MHz Ant1



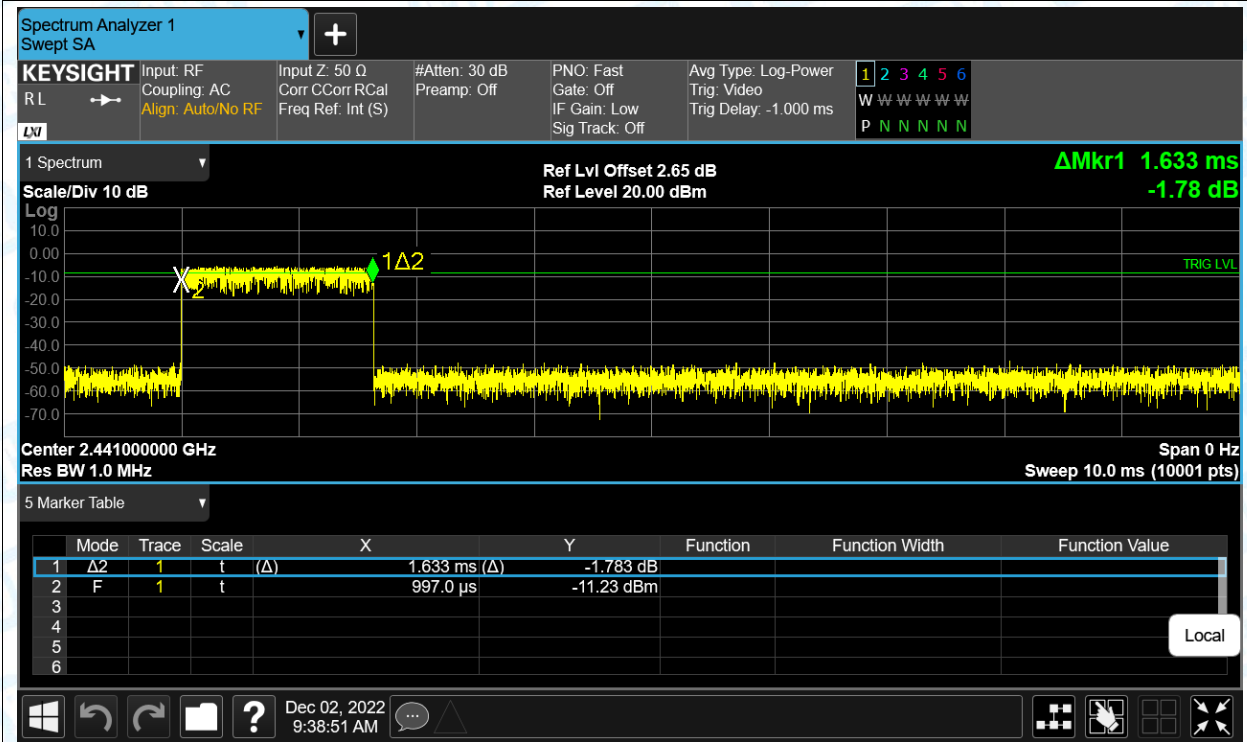
Dwell NVNT 2-DH5 2441MHz Ant1

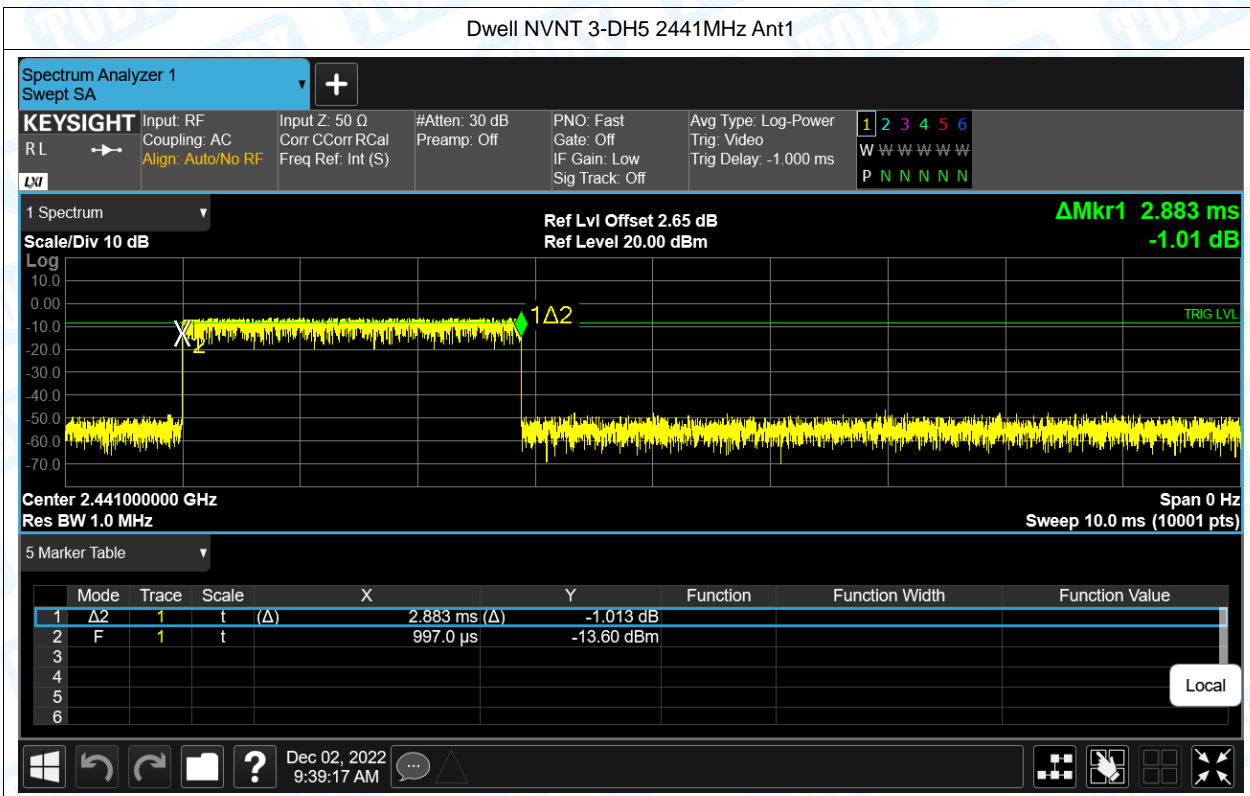


Dwell NVNT 3-DH1 2441MHz Ant1



Dwell NVNT 3-DH3 2441MHz Ant1





-----END OF THE REPORT-----