

# RF Test Data for 2.4G WiFi (Conducted Measurements)

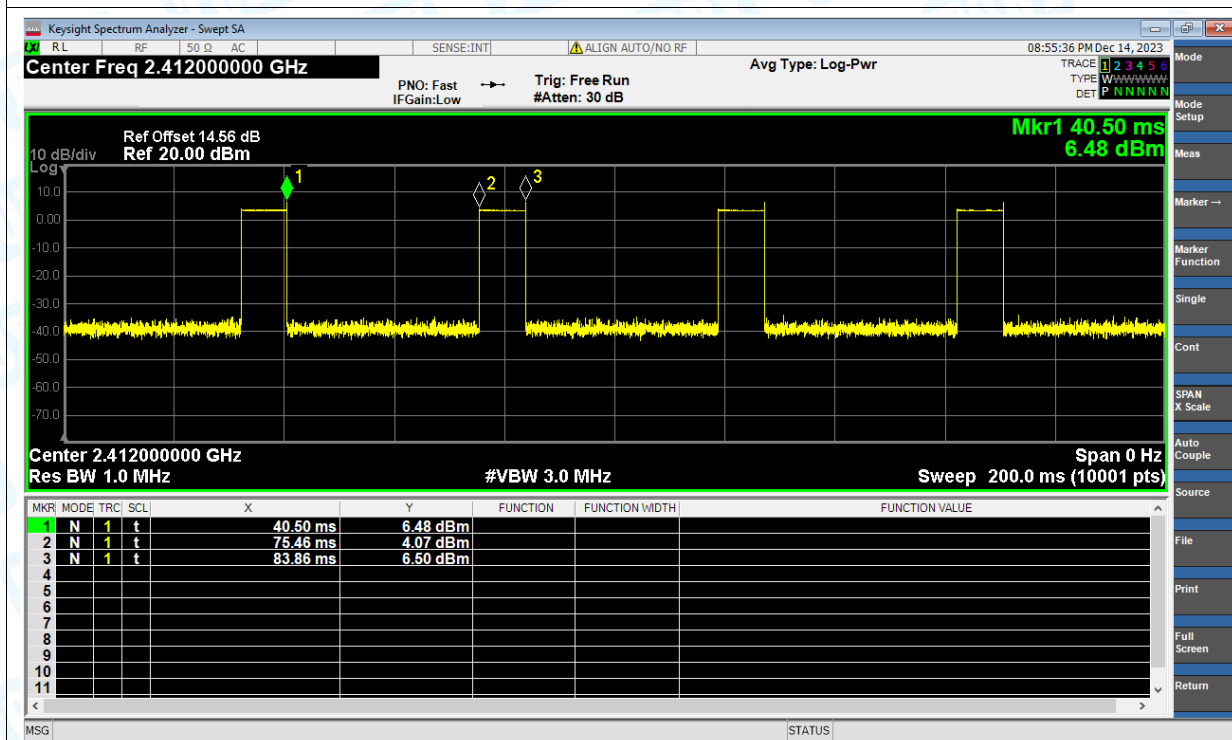
| General Description of EUT                                                                                                                  |                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Product Name:                                                                                                                               | Water leakage sensor with siren |
| Test Model:                                                                                                                                 | WL-899WT                        |
| Sample ID:                                                                                                                                  | HC-C-202312-0035-01-02-2#       |
| Environmental Conditions                                                                                                                    |                                 |
| Temperature:                                                                                                                                | 24℃                             |
| Relative Humidity:                                                                                                                          | 50%                             |
| Test Voltage:                                                                                                                               | DC 3V                           |
| Test Engineer:                                                                                                                              | Zhouzhen                        |
| Note: For a more detailed features description, please refer to the report TBR-C-202312-0035-3<br>The report only show the worst case data. |                                 |

## Duty Cycle

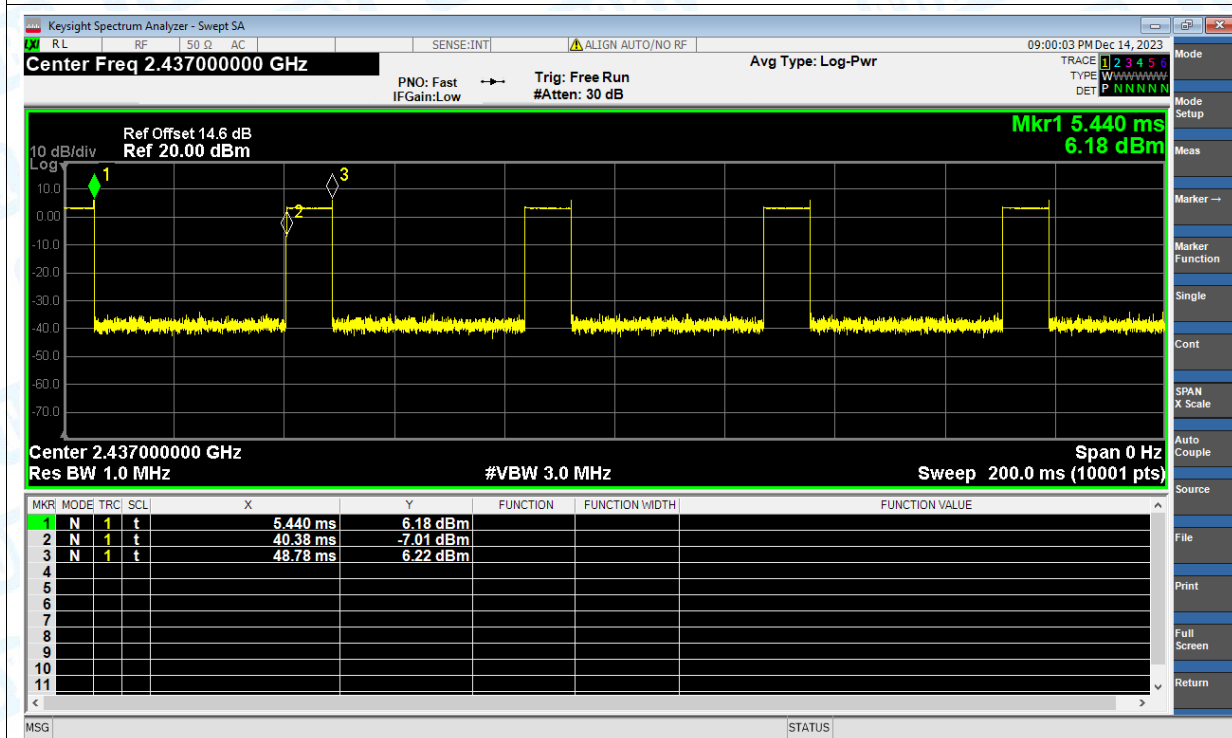
| Condition | Mode    | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|---------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | b       | 2412            | Ant1    | 19.37          | 7.13                   | 0.12      |
| NVNT      | b       | 2437            | Ant1    | 19.38          | 7.13                   | 0.12      |
| NVNT      | b       | 2462            | Ant1    | 19.34          | 7.14                   | 0.12      |
| NVNT      | g       | 2412            | Ant1    | 9.95           | 10.02                  | 0.72      |
| NVNT      | g       | 2437            | Ant1    | 10.01          | 10                     | 0.71      |
| NVNT      | g       | 2462            | Ant1    | 9.94           | 10.03                  | 0.72      |
| NVNT      | n(HT20) | 2412            | Ant1    | 9.96           | 10.02                  | 0.77      |
| NVNT      | n(HT20) | 2437            | Ant1    | 9.96           | 10.02                  | 0.77      |
| NVNT      | n(HT20) | 2462            | Ant1    | 9.95           | 10.02                  | 0.77      |
| NVNT      | n(HT40) | 2422            | Ant1    | 9.94           | 10.03                  | 1.54      |
| NVNT      | n(HT40) | 2437            | Ant1    | 9.87           | 10.06                  | 1.55      |
| NVNT      | n(HT40) | 2452            | Ant1    | 9.95           | 10.02                  | 1.54      |

## Test Graphs

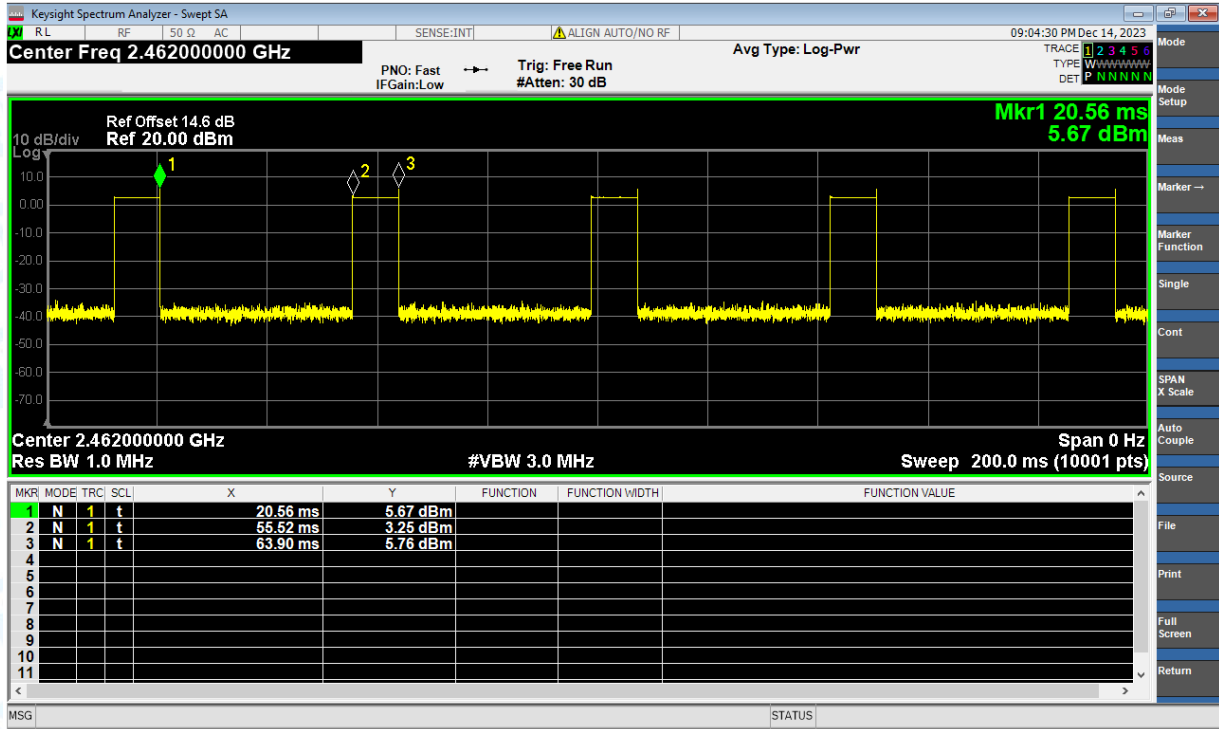
### Duty Cycle NVNT b 2412MHz Ant1



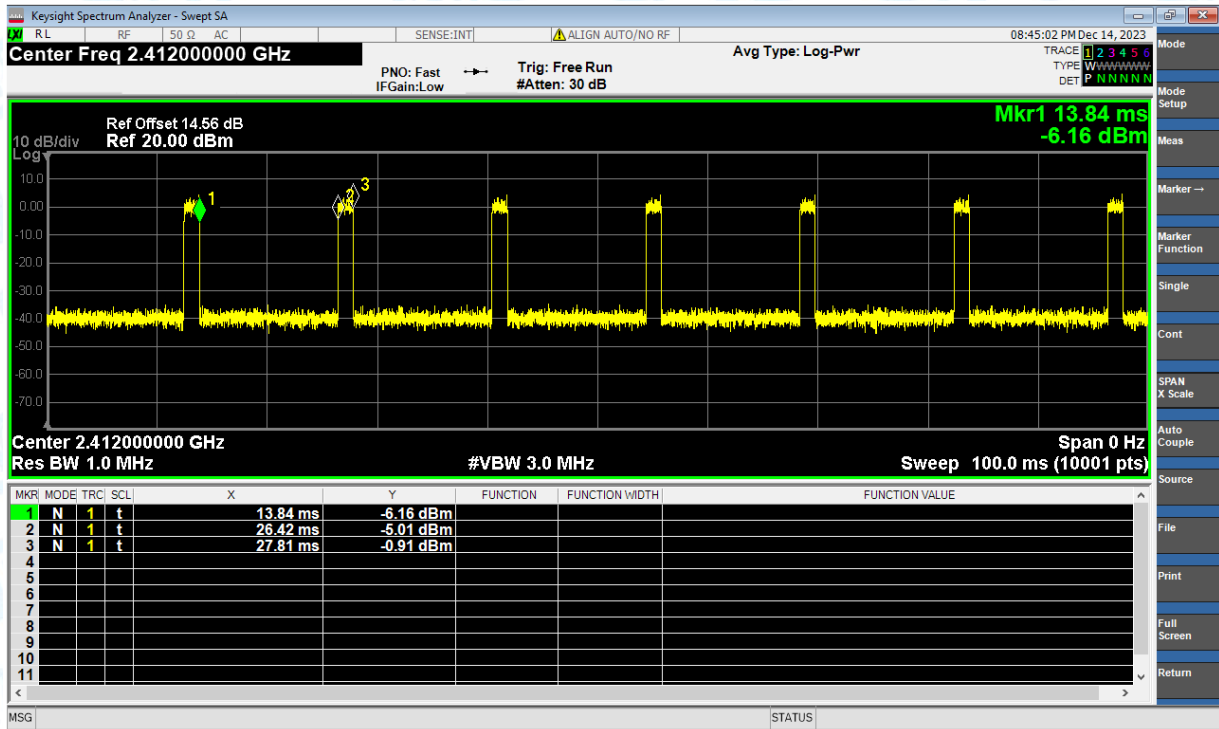
### Duty Cycle NVNT b 2437MHz Ant1



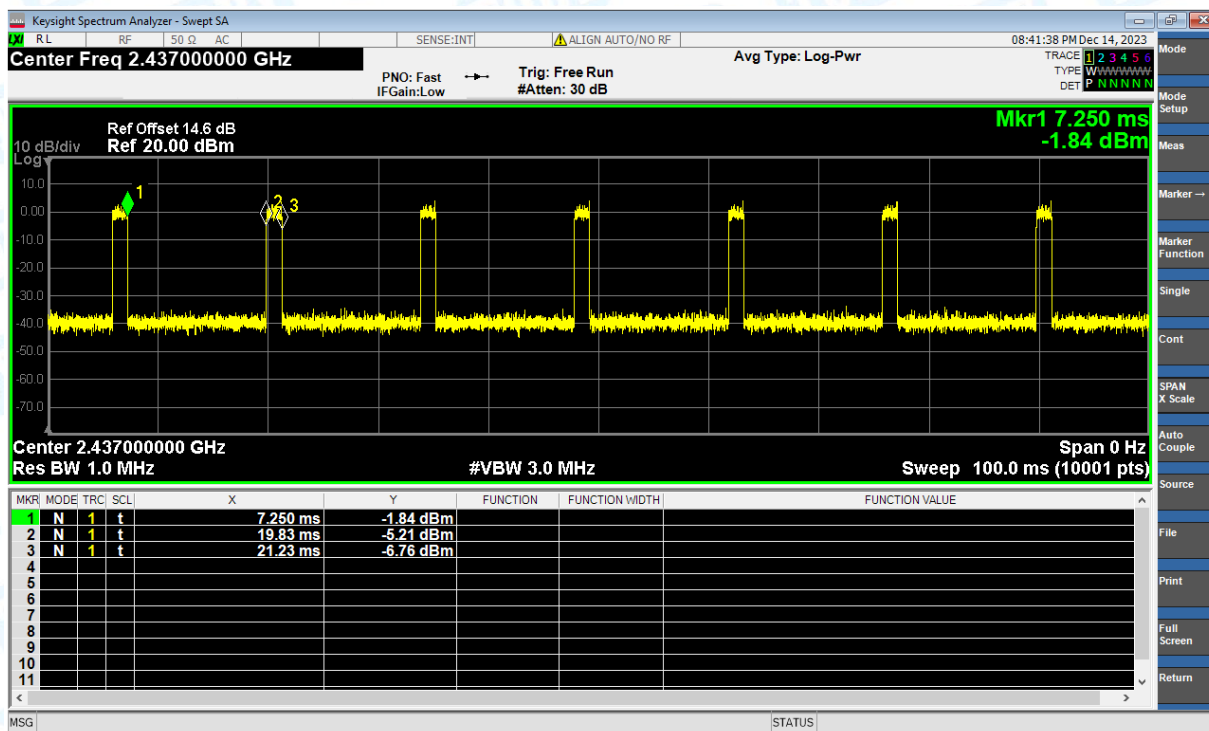
### Duty Cycle NVNT b 2462MHz Ant1



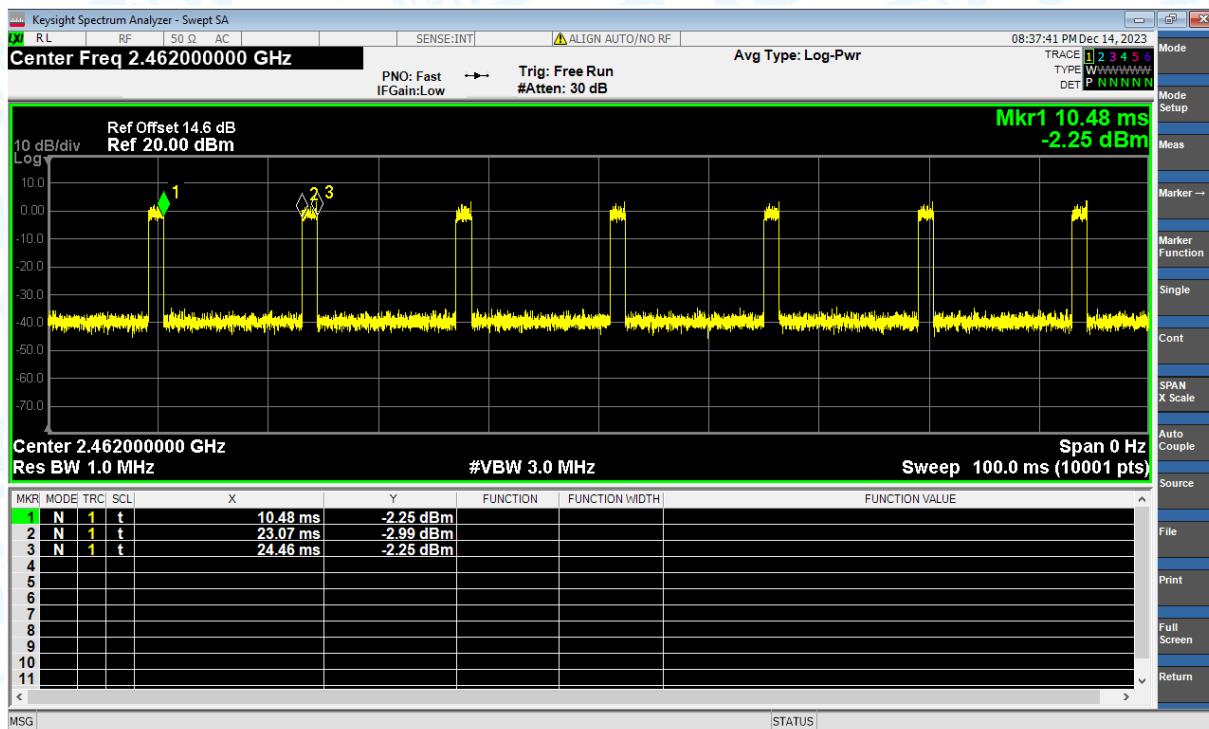
### Duty Cycle NVNT g 2412MHz Ant1



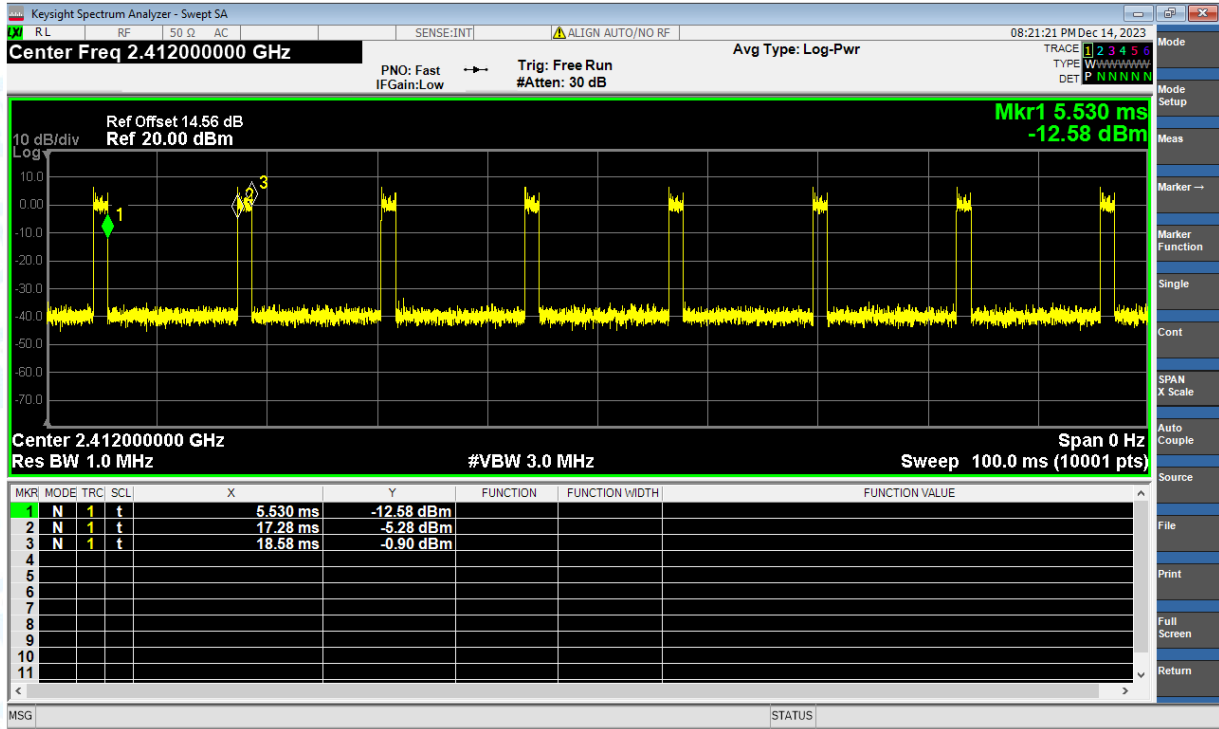
### Duty Cycle NVNT g 2437MHz Ant1



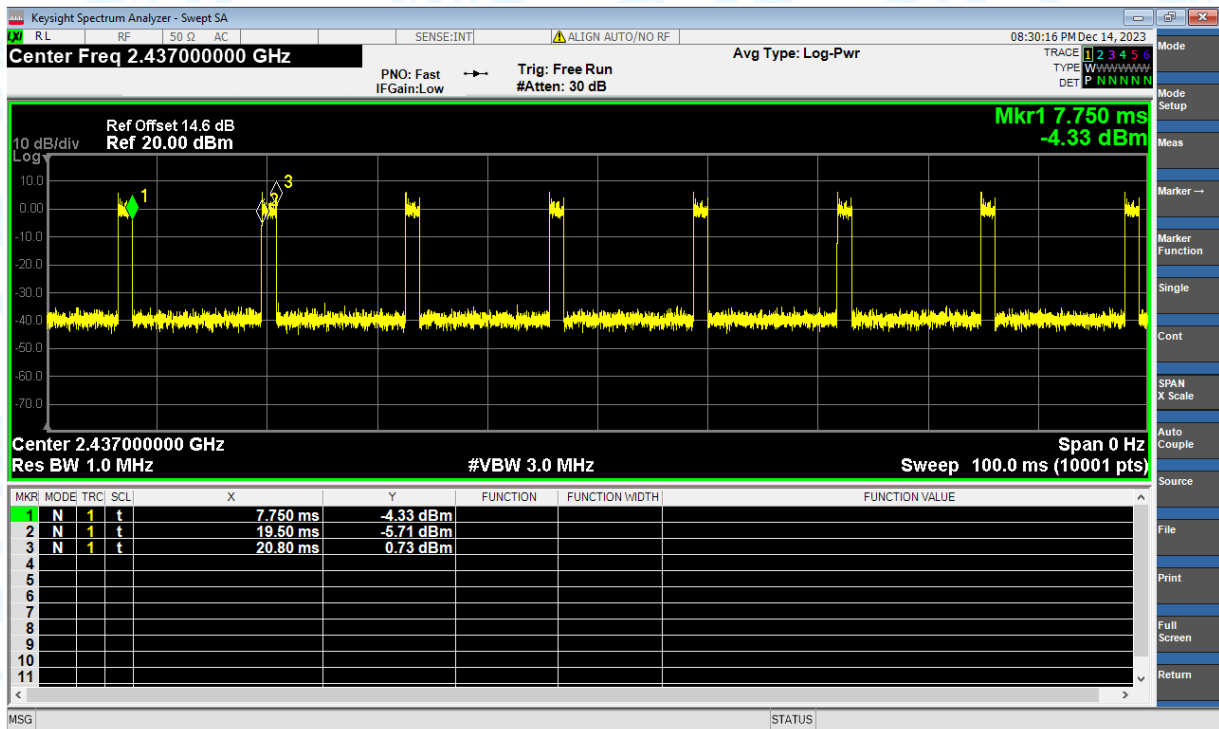
### Duty Cycle NVNT g 2462MHz Ant1



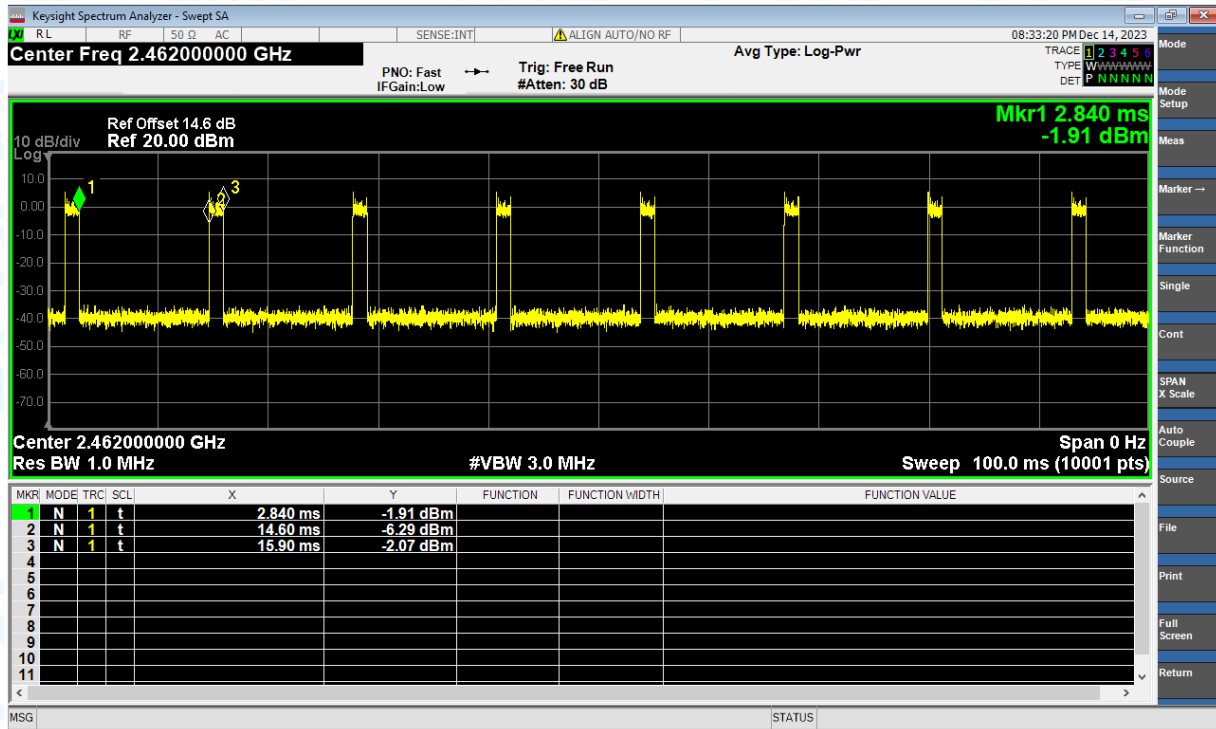
### Duty Cycle NVNT n(HT20) 2412MHz Ant1



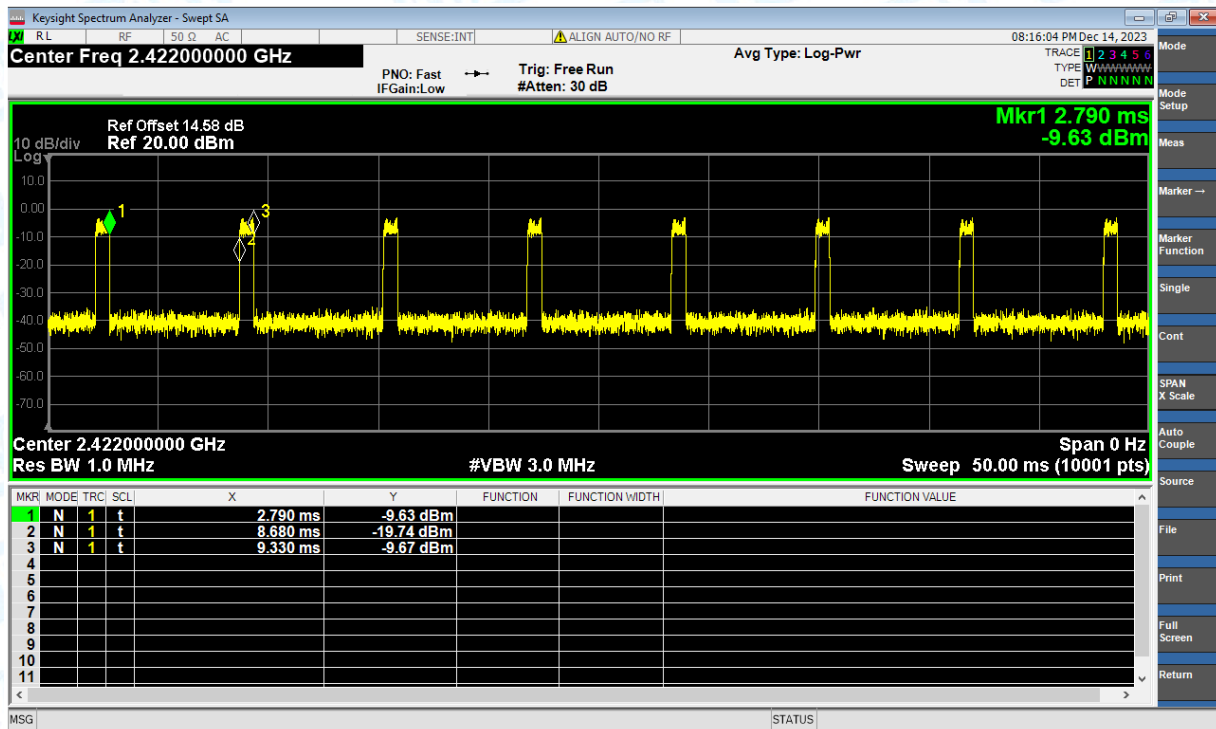
### Duty Cycle NVNT n(HT20) 2437MHz Ant1



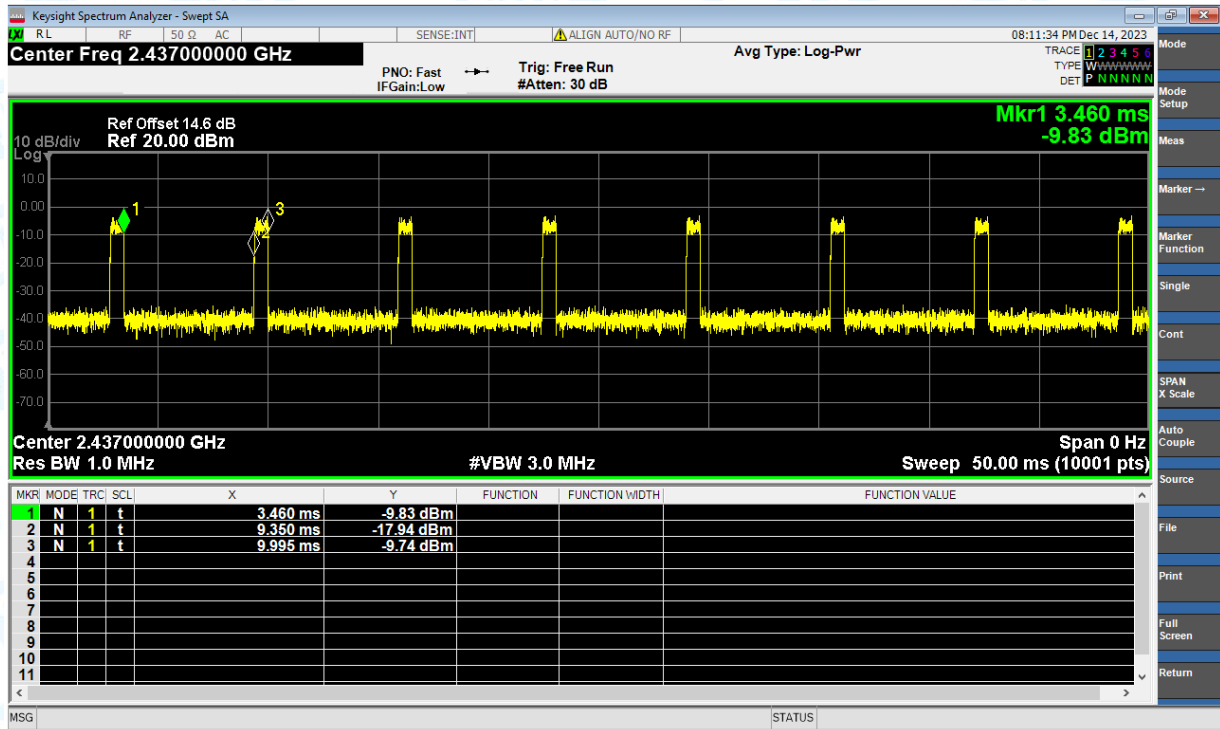
### Duty Cycle NVNT n(HT20) 2462MHz Ant1



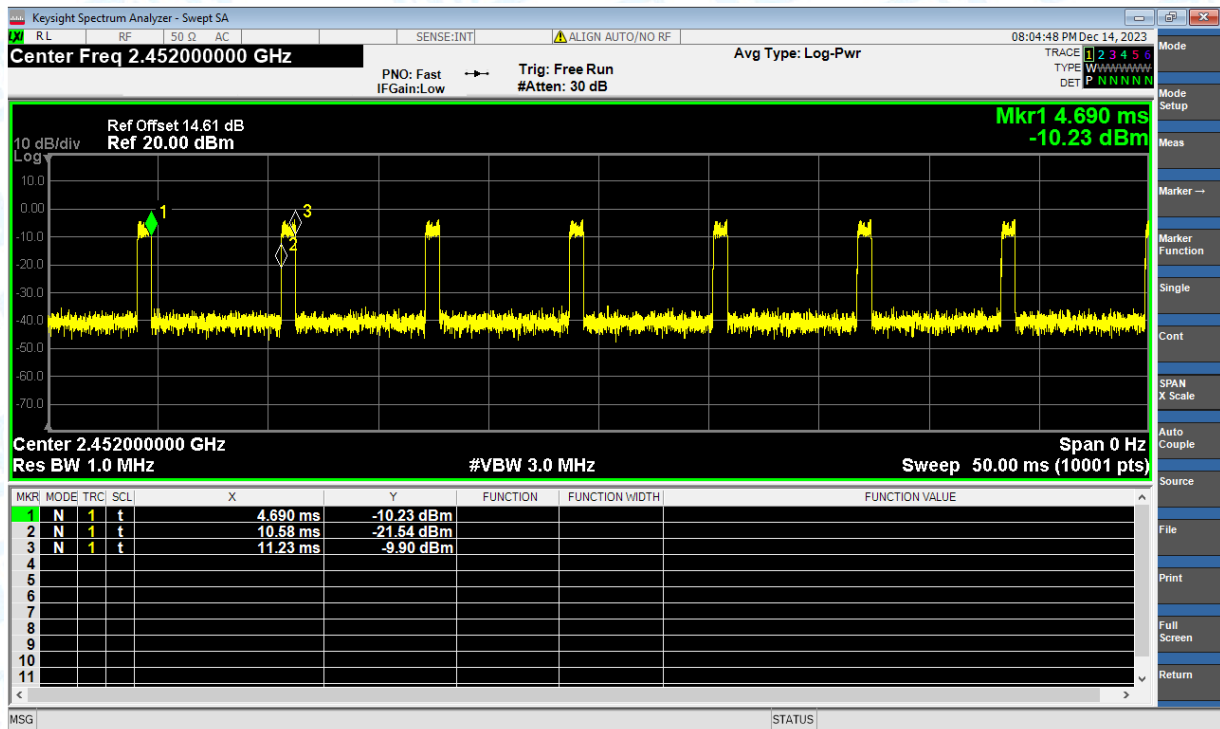
### Duty Cycle NVNT n(HT40) 2422MHz Ant1



Duty Cycle NVNT n(HT40) 2437MHz Ant1



Duty Cycle NVNT n(HT40) 2452MHz Ant1



## Maximum Conducted Output Power

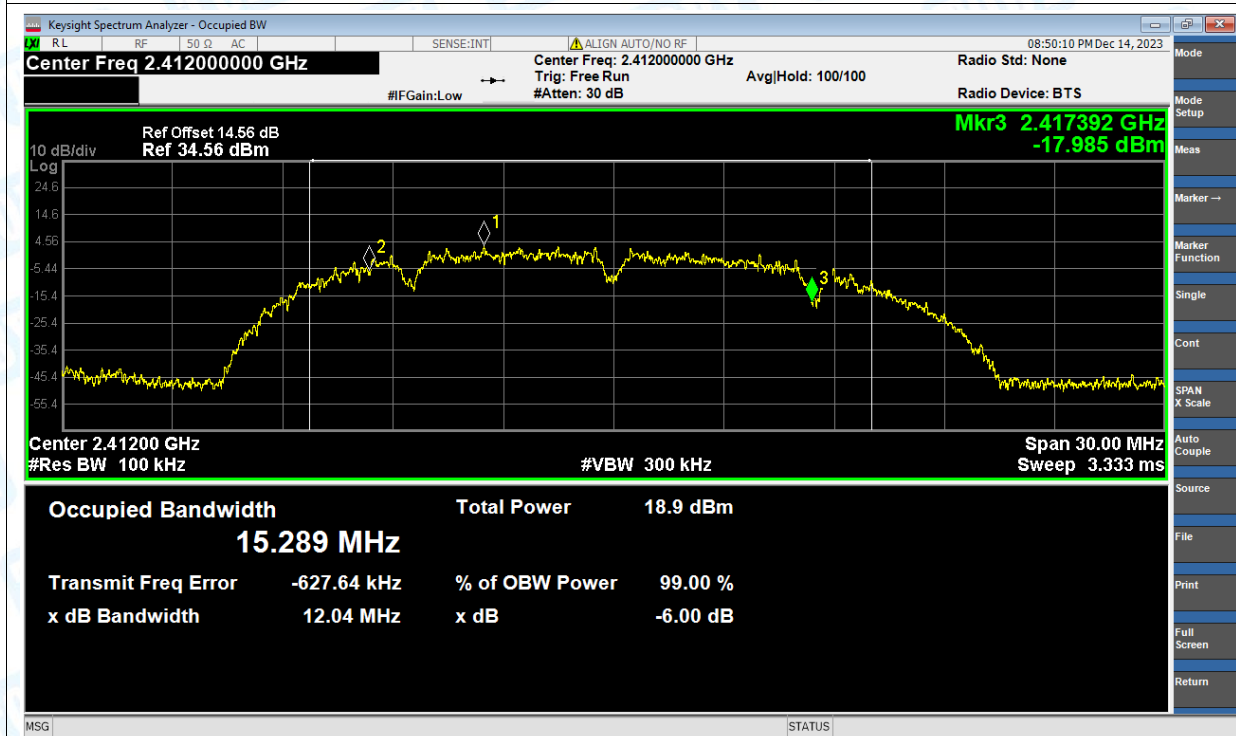
| Condition | Mode    | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | b       | 2412            | Ant1    | 9.3                   | 7.13             | 16.43             | 30          | Pass    |
| NVNT      | b       | 2437            | Ant1    | 8.83                  | 7.13             | 15.96             | 30          | Pass    |
| NVNT      | b       | 2462            | Ant1    | 8.28                  | 7.14             | 15.42             | 30          | Pass    |
| NVNT      | g       | 2412            | Ant1    | 6.25                  | 10.02            | 16.27             | 30          | Pass    |
| NVNT      | g       | 2437            | Ant1    | 5.61                  | 10               | 15.61             | 30          | Pass    |
| NVNT      | g       | 2462            | Ant1    | 5.1                   | 10.03            | 15.13             | 30          | Pass    |
| NVNT      | n(HT20) | 2412            | Ant1    | 5.97                  | 10.02            | 15.99             | 30          | Pass    |
| NVNT      | n(HT20) | 2437            | Ant1    | 5.36                  | 10.02            | 15.38             | 30          | Pass    |
| NVNT      | n(HT20) | 2462            | Ant1    | 4.8                   | 10.02            | 14.82             | 30          | Pass    |
| NVNT      | n(HT40) | 2422            | Ant1    | 5.84                  | 10.03            | 15.87             | 30          | Pass    |
| NVNT      | n(HT40) | 2437            | Ant1    | 5.3                   | 10.06            | 15.36             | 30          | Pass    |
| NVNT      | n(HT40) | 2452            | Ant1    | 5.14                  | 10.02            | 15.16             | 30          | Pass    |

## -6dB Bandwidth

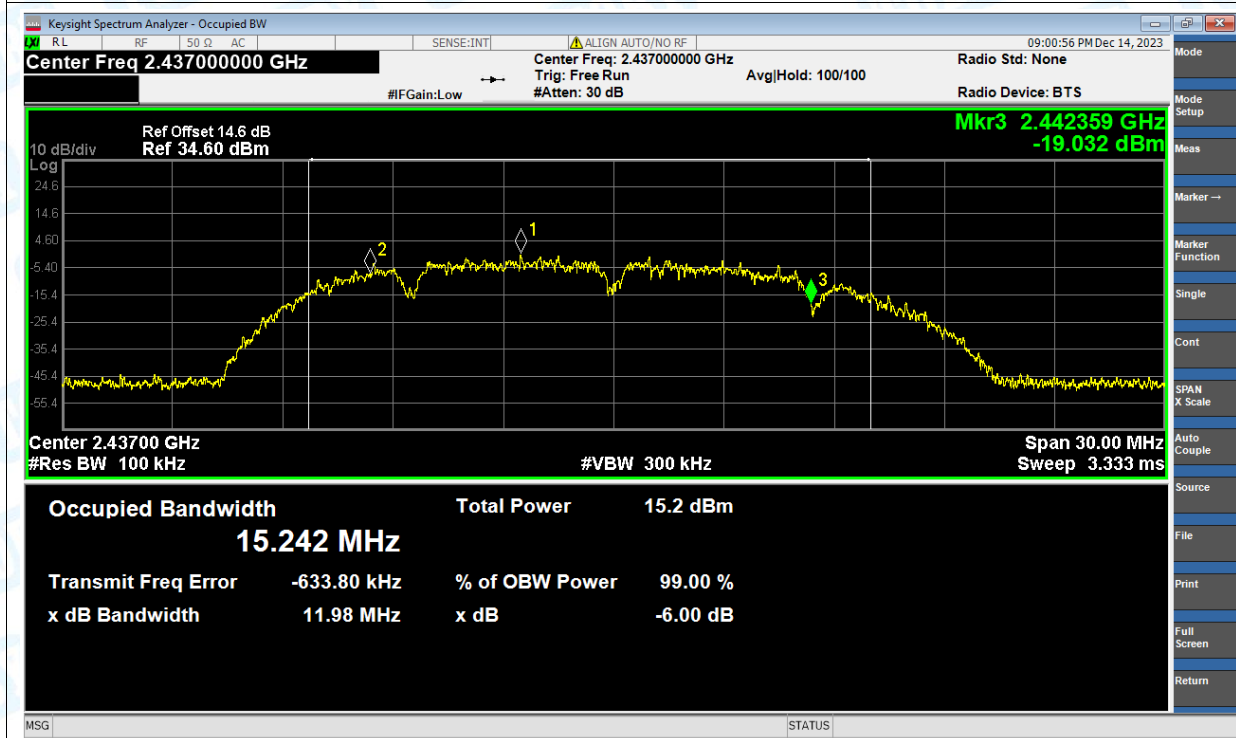
| Condition | Mode    | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|---------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | b       | 2412            | Ant1    | 12.04                 | 0.5                         | Pass    |
| NVNT      | b       | 2437            | Ant1    | 11.98                 | 0.5                         | Pass    |
| NVNT      | b       | 2462            | Ant1    | 11.01                 | 0.5                         | Pass    |
| NVNT      | g       | 2412            | Ant1    | 16.95                 | 0.5                         | Pass    |
| NVNT      | g       | 2437            | Ant1    | 16.24                 | 0.5                         | Pass    |
| NVNT      | g       | 2462            | Ant1    | 17.24                 | 0.5                         | Pass    |
| NVNT      | n(HT20) | 2412            | Ant1    | 17.37                 | 0.5                         | Pass    |
| NVNT      | n(HT20) | 2437            | Ant1    | 18.17                 | 0.5                         | Pass    |
| NVNT      | n(HT20) | 2462            | Ant1    | 17.45                 | 0.5                         | Pass    |
| NVNT      | n(HT40) | 2422            | Ant1    | 28.58                 | 0.5                         | Pass    |
| NVNT      | n(HT40) | 2437            | Ant1    | 34.95                 | 0.5                         | Pass    |
| NVNT      | n(HT40) | 2452            | Ant1    | 34.63                 | 0.5                         | Pass    |

### Test Graphs

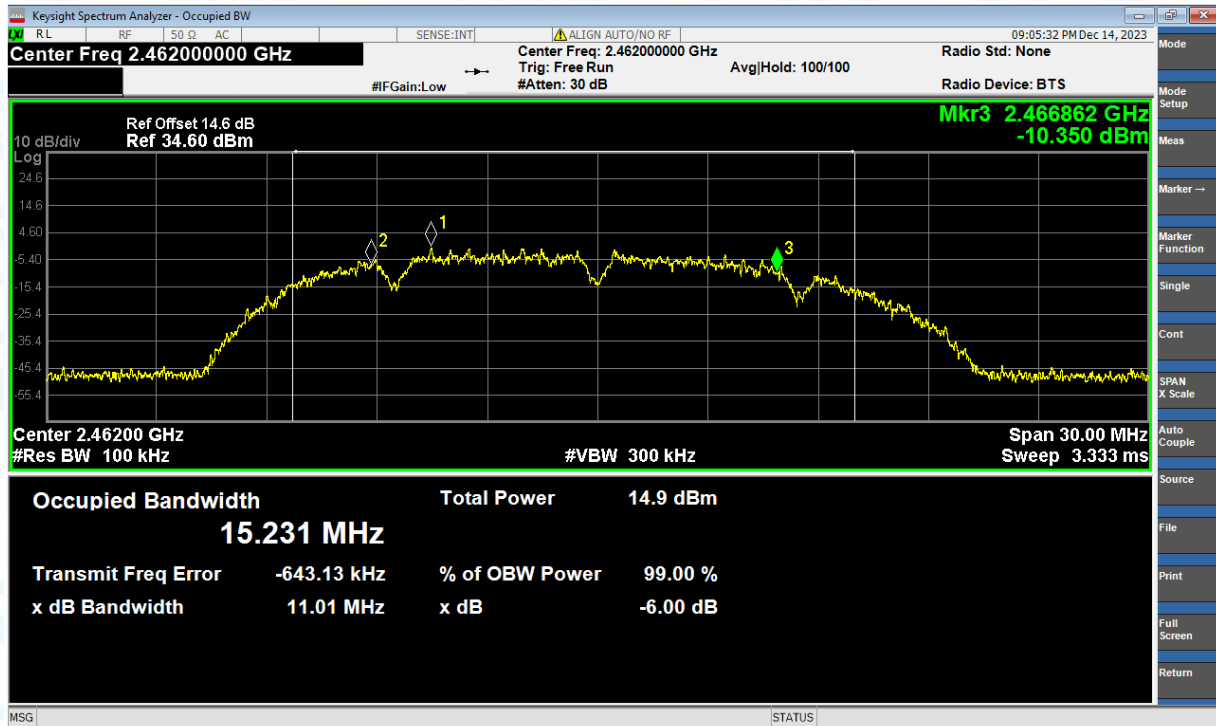
#### -6dB Bandwidth NVNT b 2412MHz Ant1



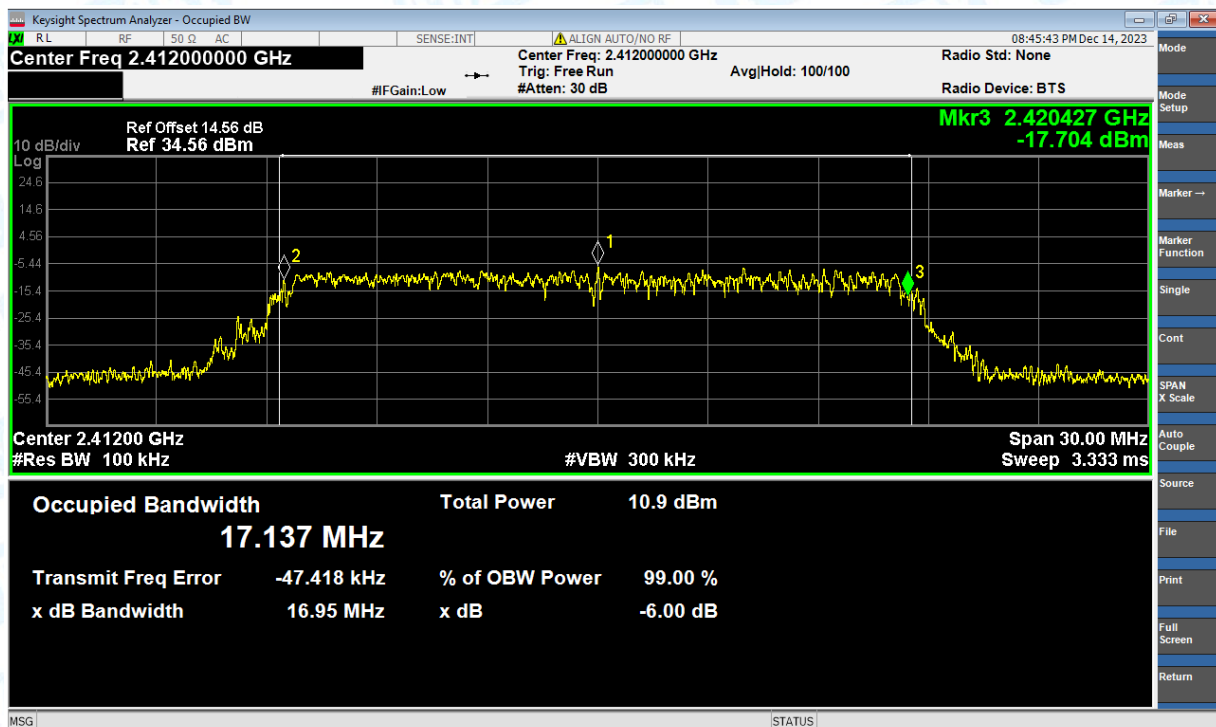
#### -6dB Bandwidth NVNT b 2437MHz Ant1



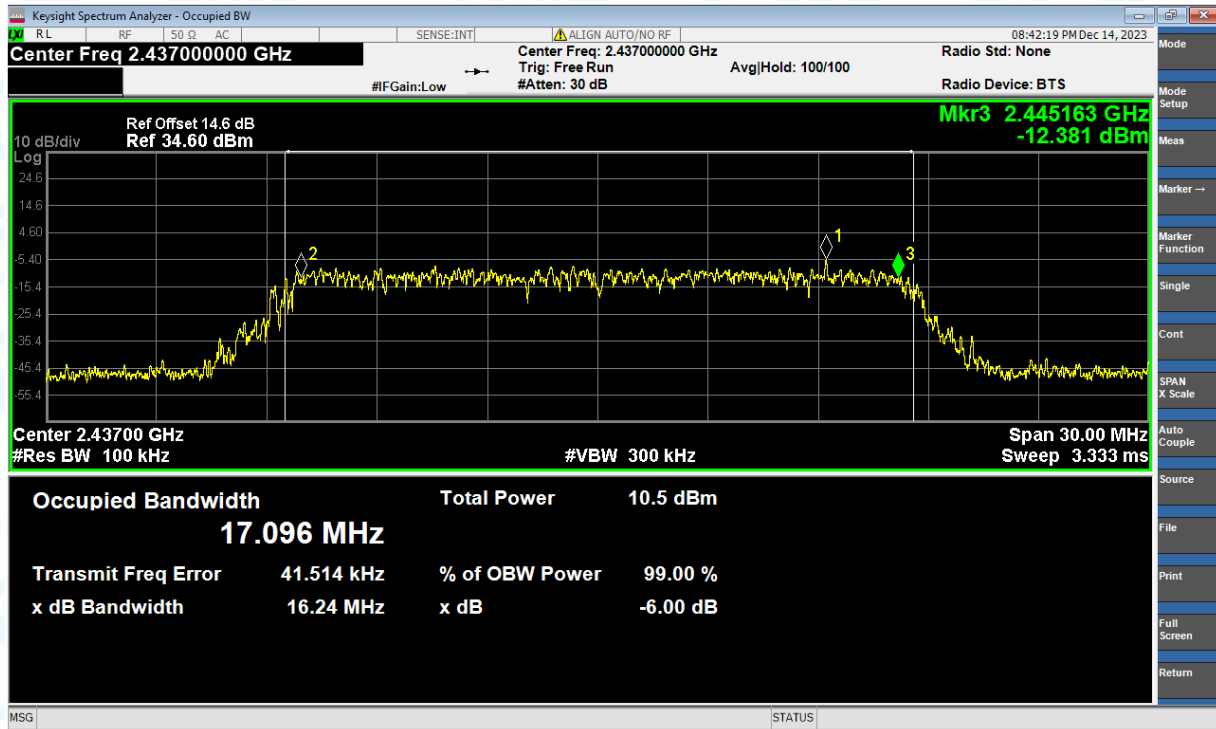
-6dB Bandwidth NVNT b 2462MHz Ant1



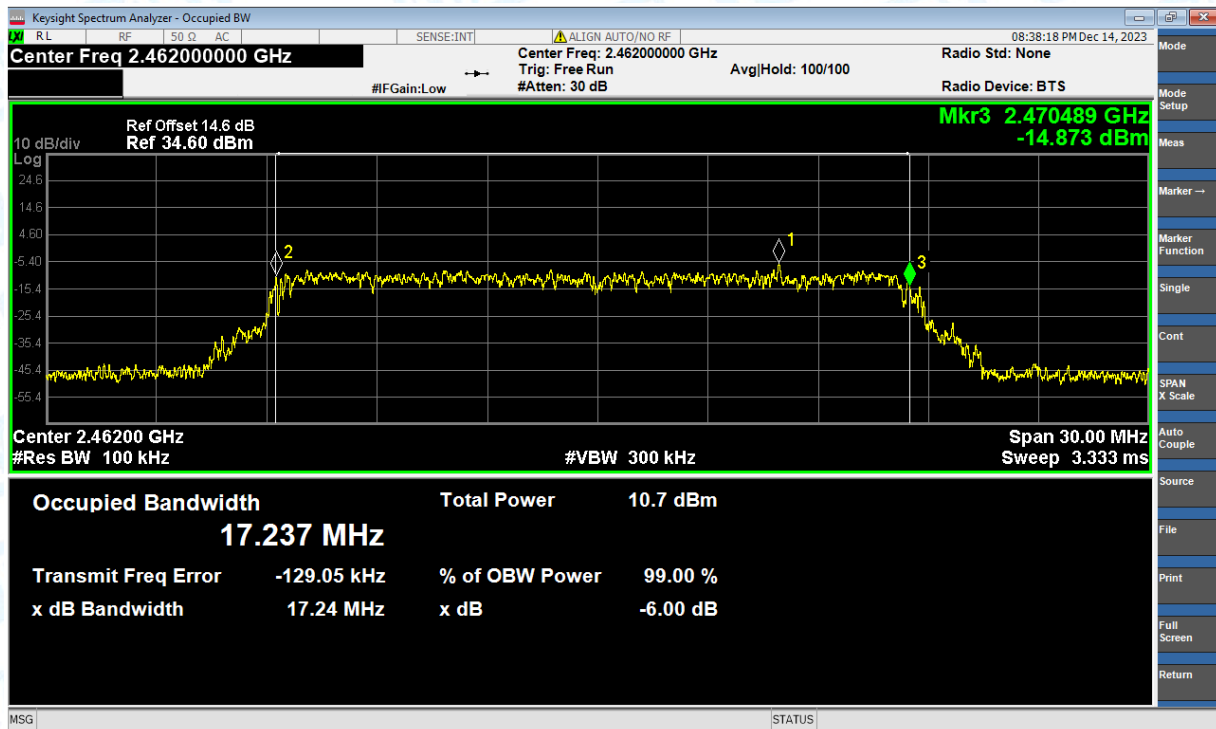
-6dB Bandwidth NVNT g 2412MHz Ant1



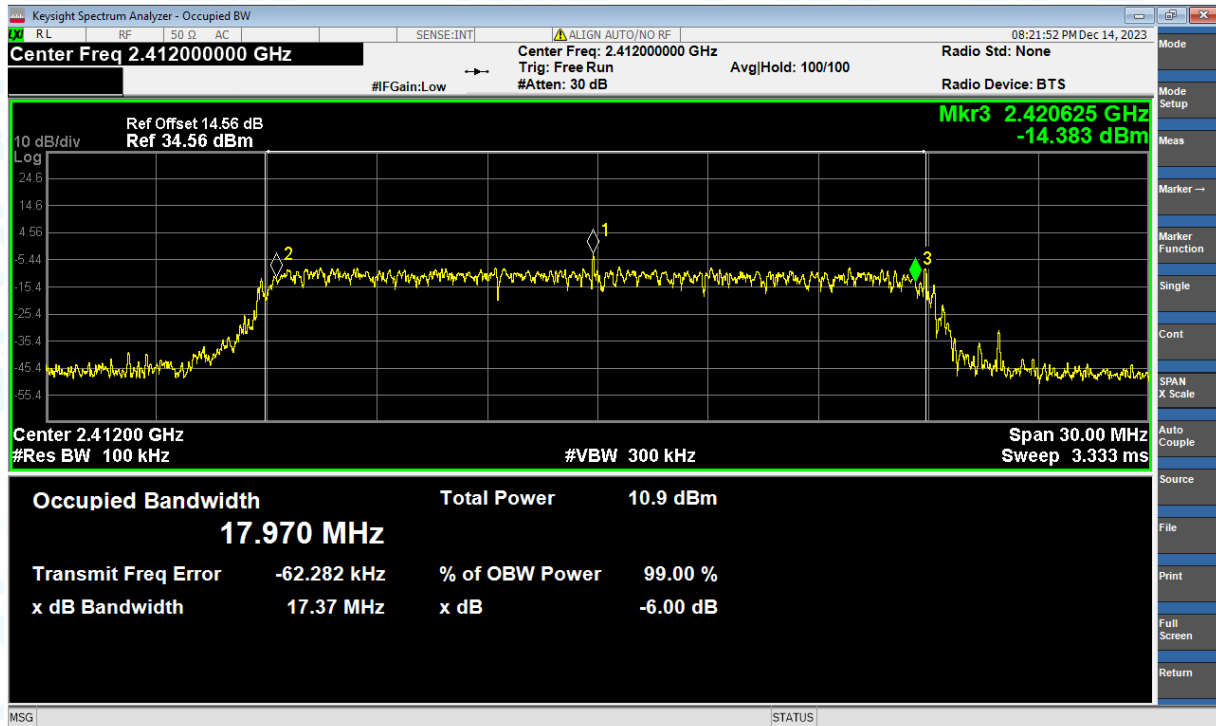
-6dB Bandwidth NVNT g 2437MHz Ant1



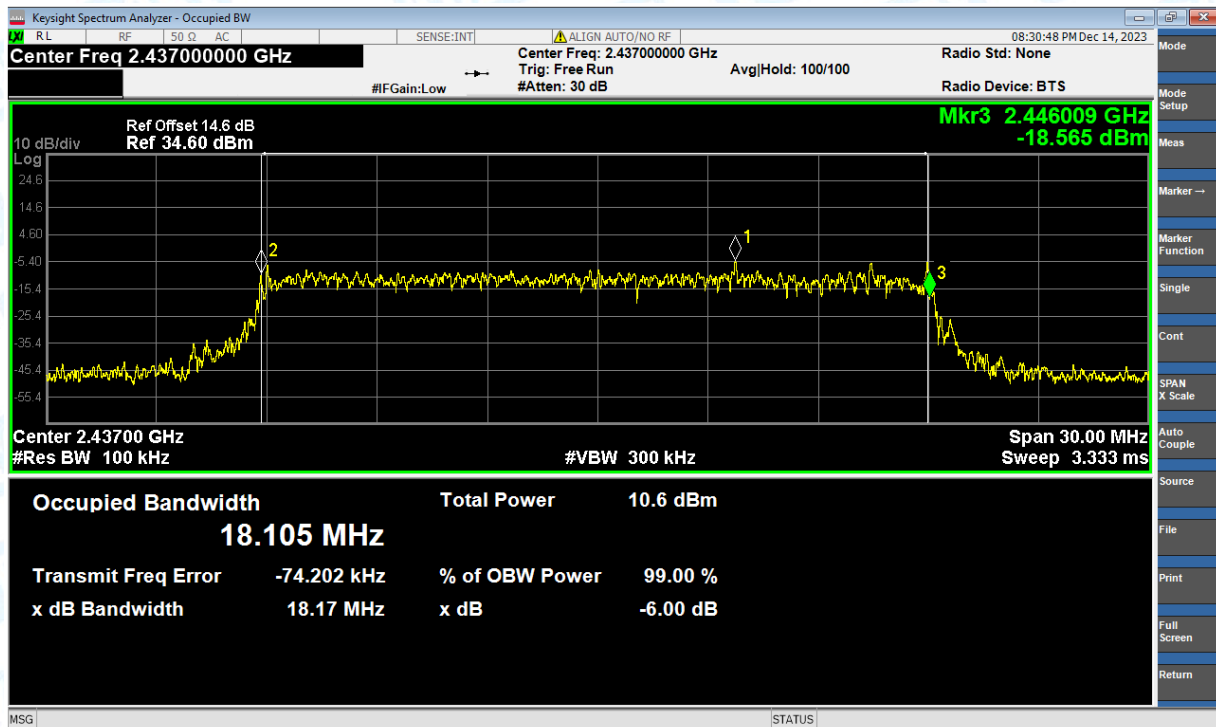
-6dB Bandwidth NVNT g 2462MHz Ant1



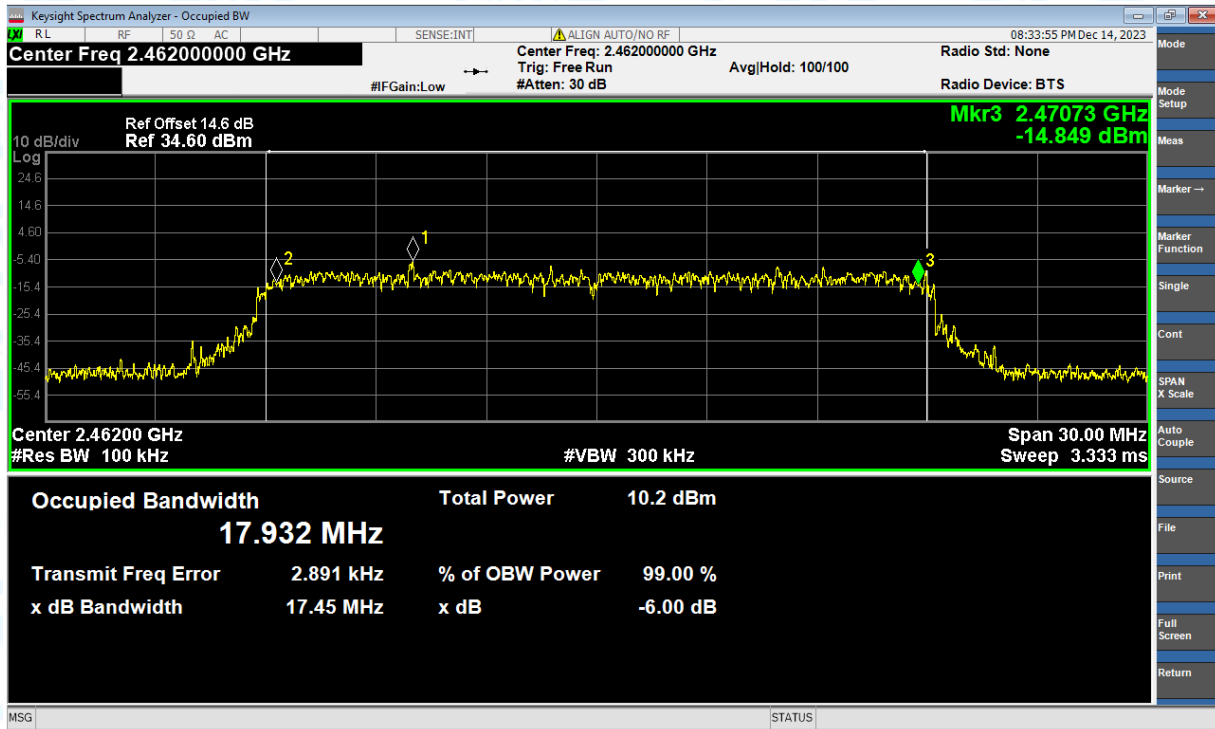
-6dB Bandwidth NVNT n(HT20) 2412MHz Ant1



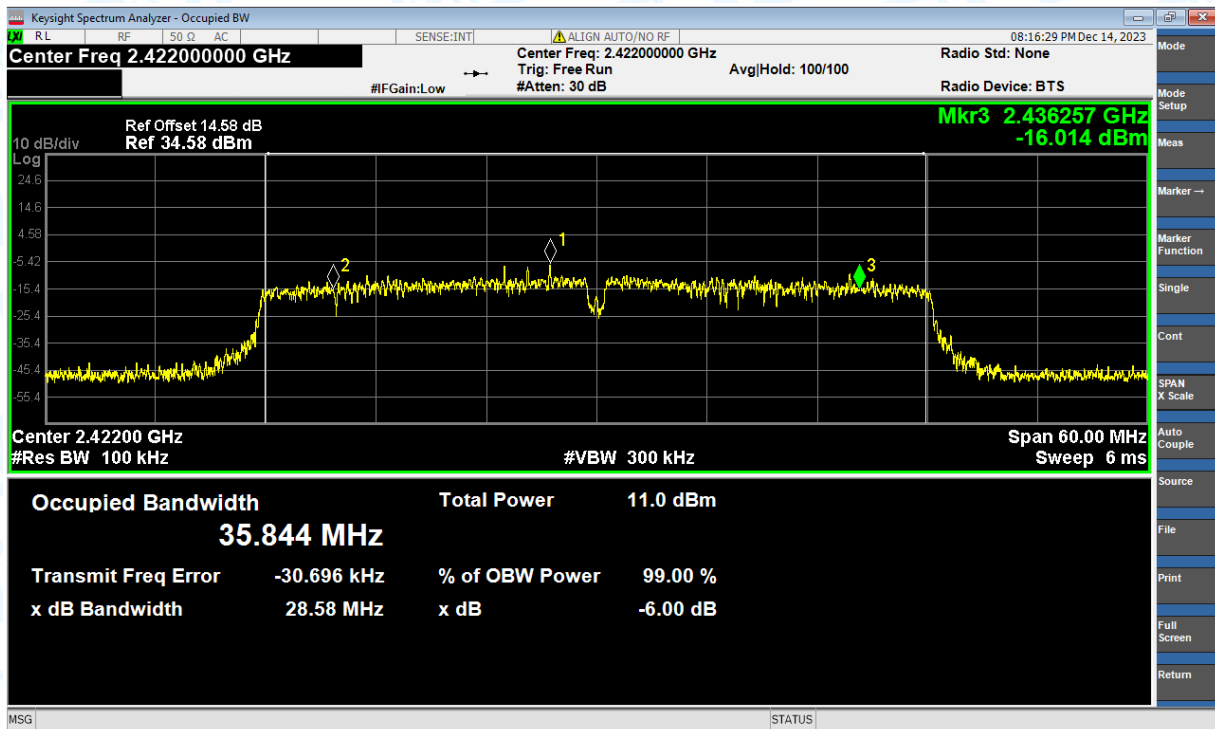
-6dB Bandwidth NVNT n(HT20) 2437MHz Ant1



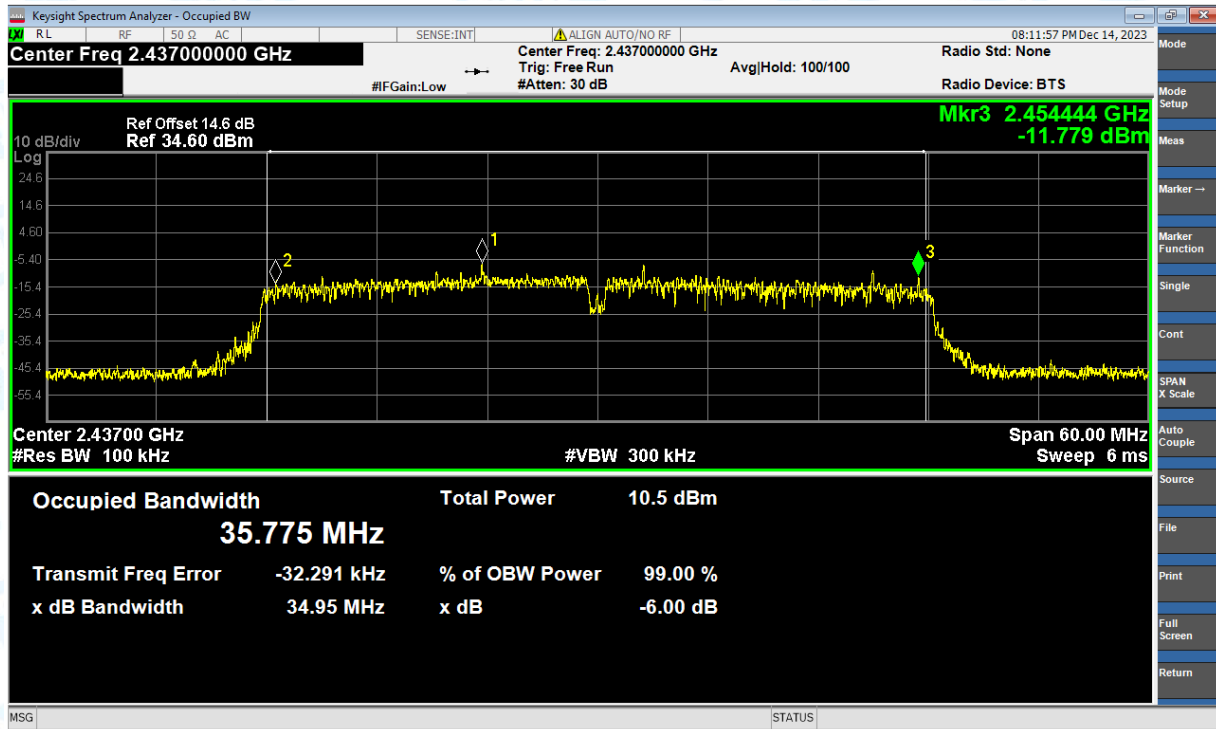
-6dB Bandwidth NVNT n(HT20) 2462MHz Ant1



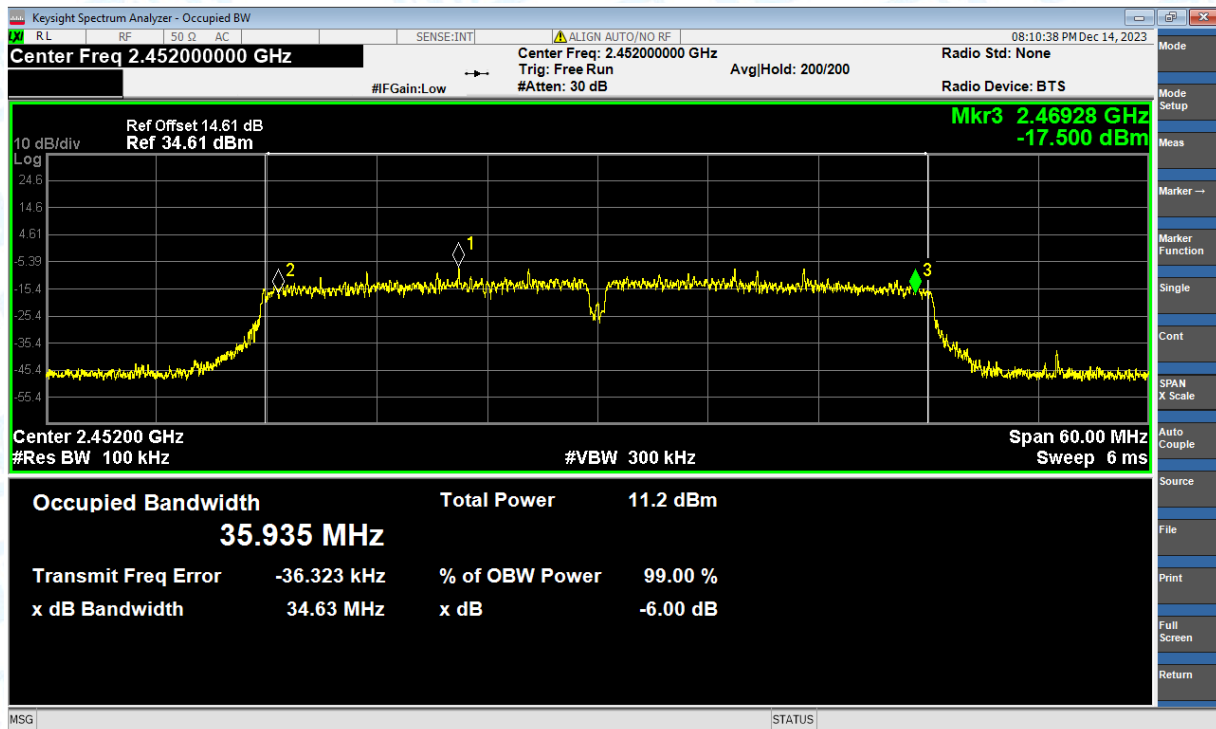
-6dB Bandwidth NVNT n(HT40) 2422MHz Ant1



-6dB Bandwidth NVNT n(HT40) 2437MHz Ant1



-6dB Bandwidth NVNT n(HT40) 2452MHz Ant1

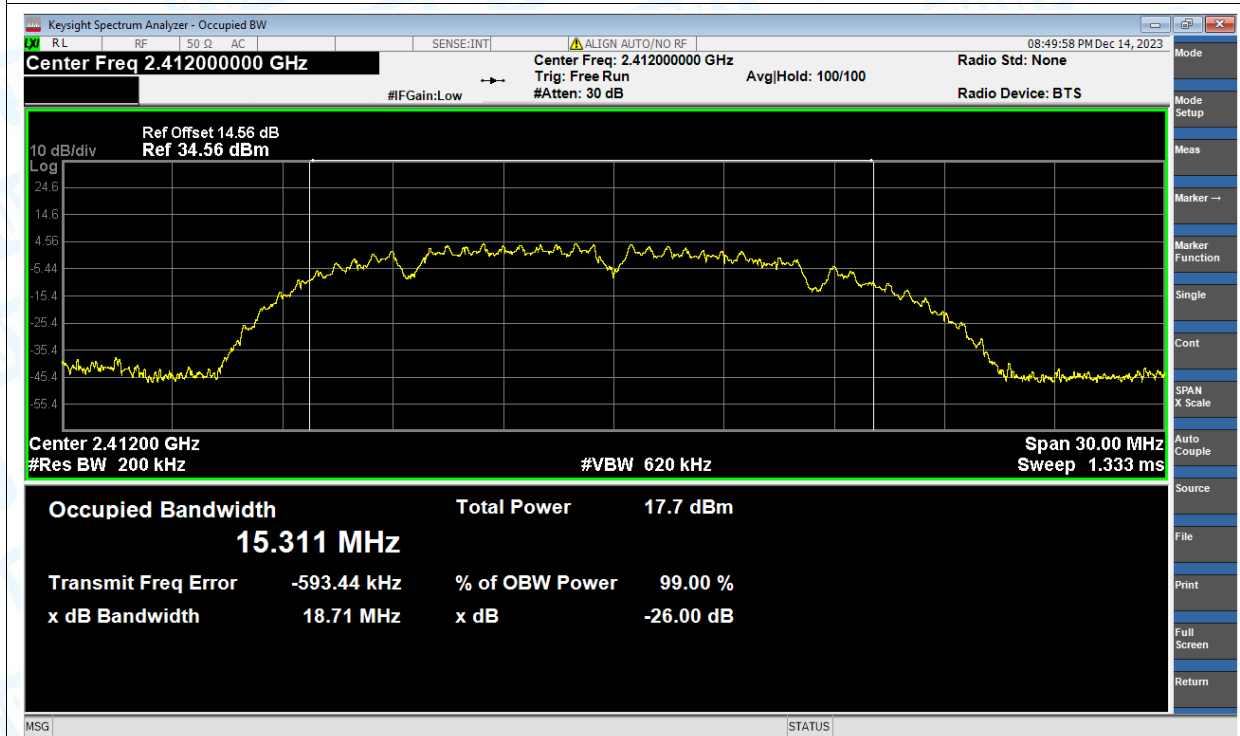


## Occupied Channel Bandwidth

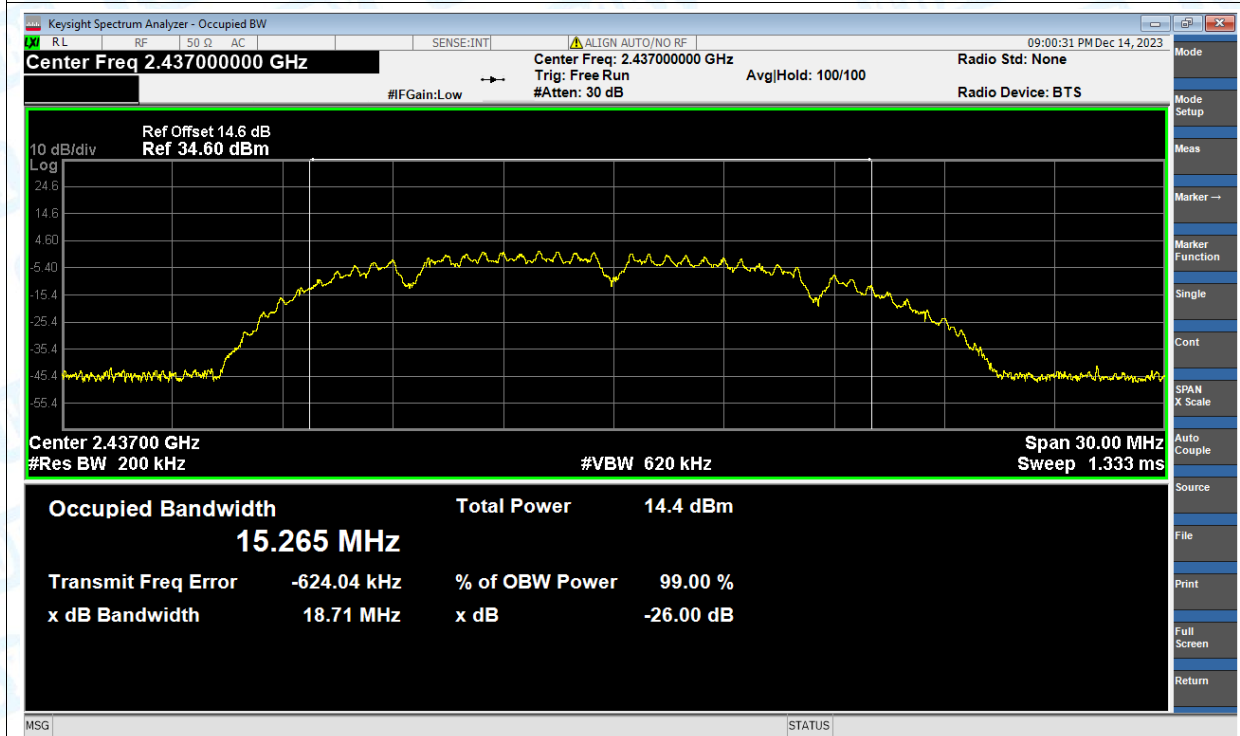
| Condition | Mode    | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|---------|-----------------|---------|---------------|
| NVNT      | b       | 2412            | Ant1    | 15.311        |
| NVNT      | b       | 2437            | Ant1    | 15.265        |
| NVNT      | b       | 2462            | Ant1    | 15.335        |
| NVNT      | g       | 2412            | Ant1    | 17.066        |
| NVNT      | g       | 2437            | Ant1    | 17.197        |
| NVNT      | g       | 2462            | Ant1    | 17.436        |
| NVNT      | n(HT20) | 2412            | Ant1    | 18.295        |
| NVNT      | n(HT20) | 2437            | Ant1    | 18.002        |
| NVNT      | n(HT20) | 2462            | Ant1    | 18.014        |
| NVNT      | n(HT40) | 2422            | Ant1    | 35.89         |
| NVNT      | n(HT40) | 2437            | Ant1    | 36.044        |
| NVNT      | n(HT40) | 2452            | Ant1    | 36.015        |

### Test Graphs

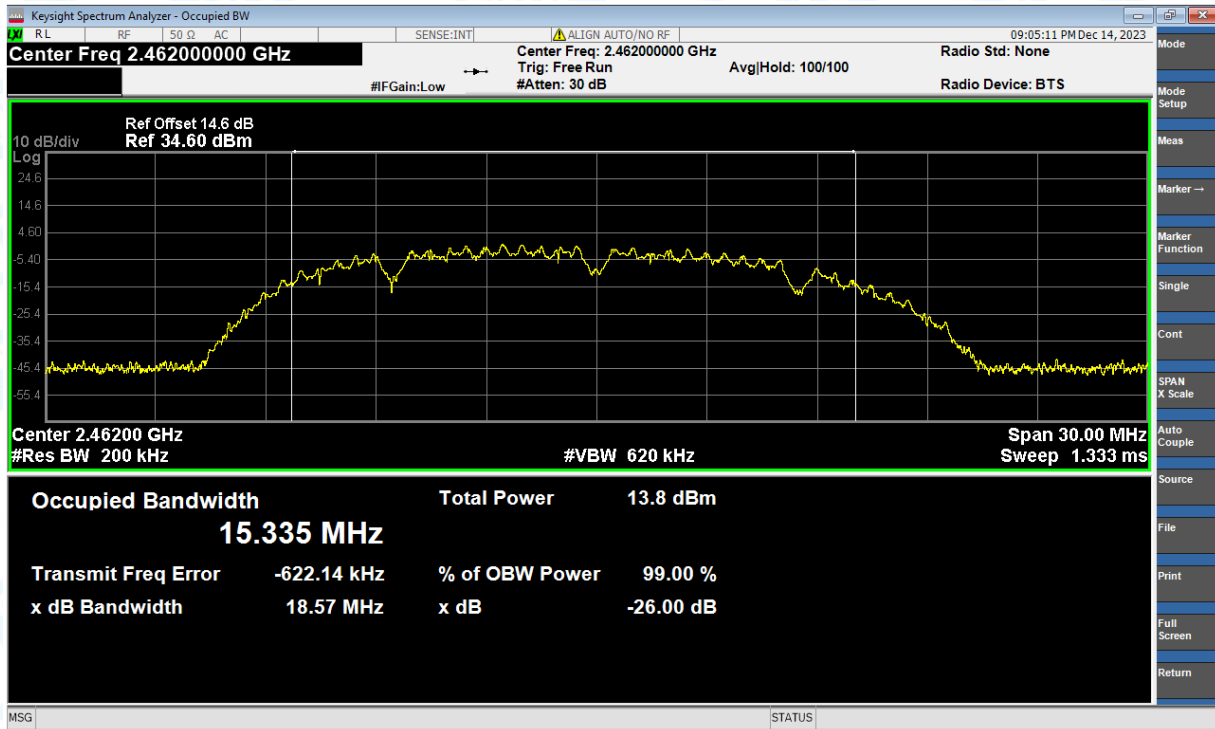
OBW NVNT b 2412MHz Ant1



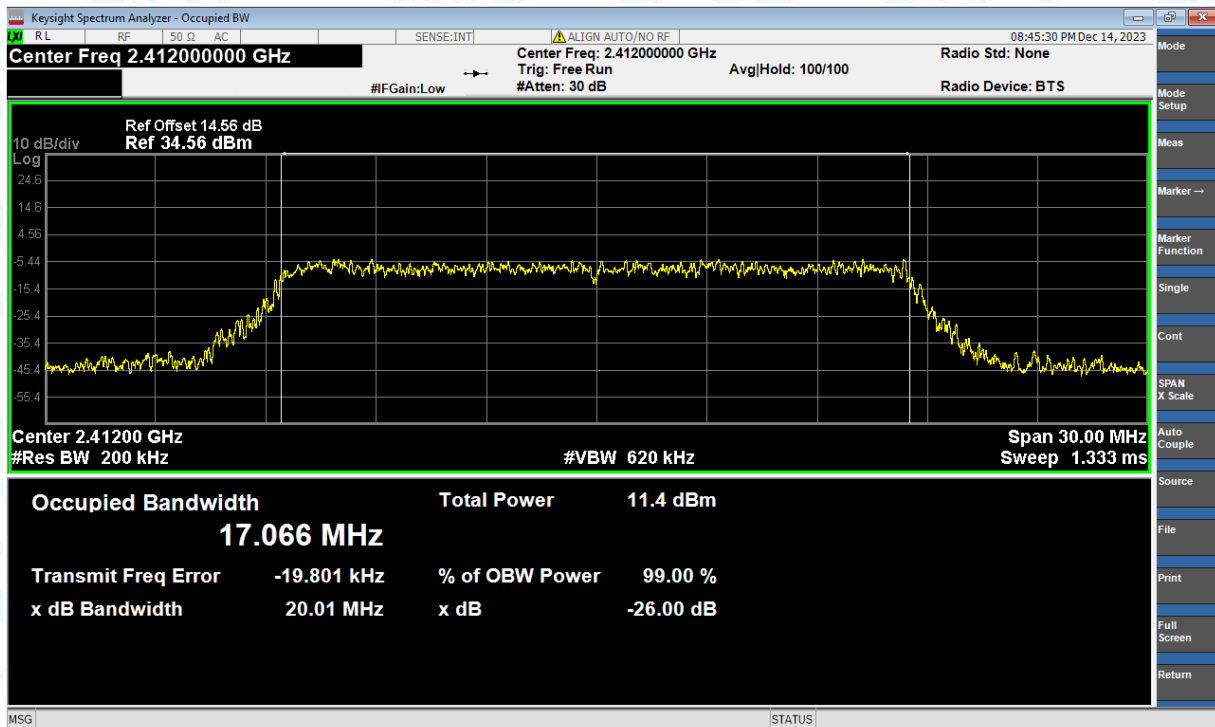
OBW NVNT b 2437MHz Ant1



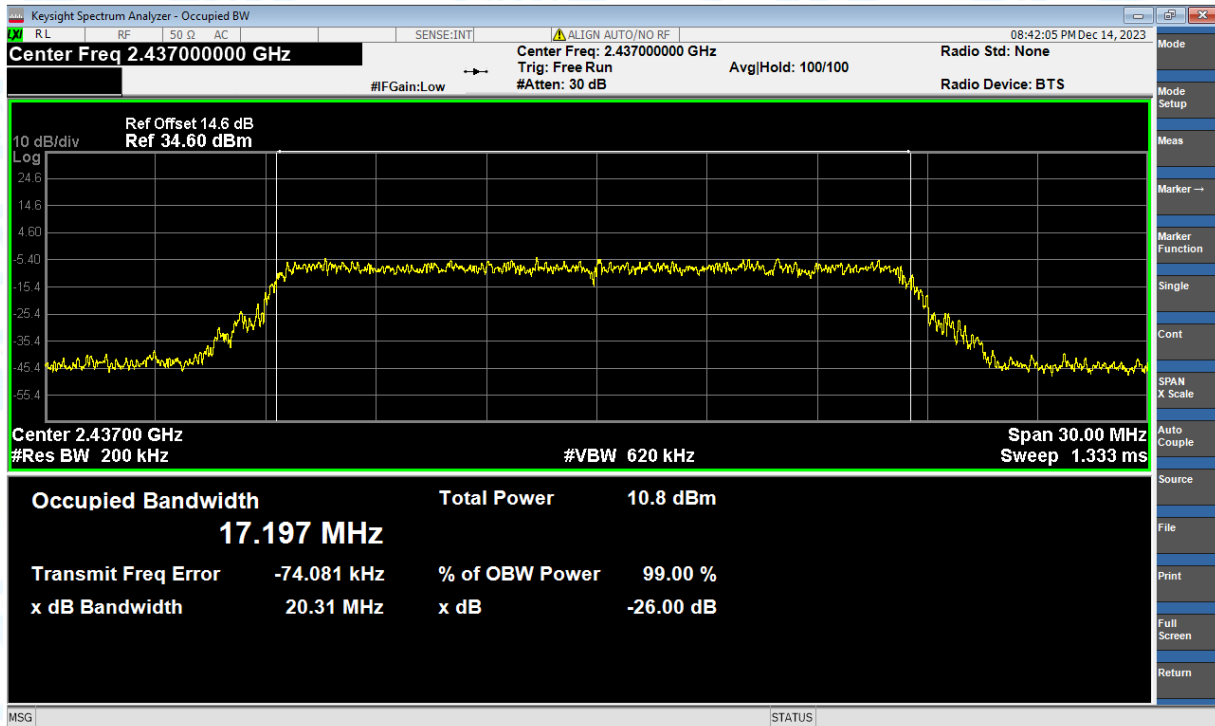
OBW NVNT b 2462MHz Ant1



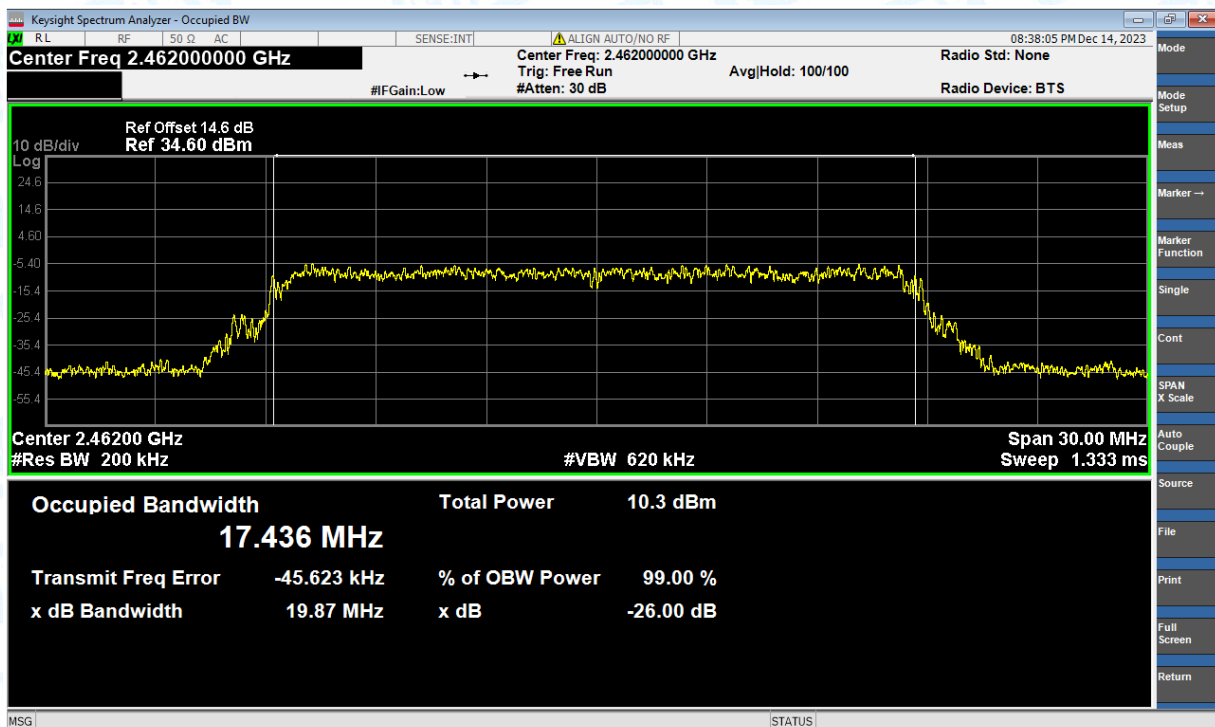
OBW NVNT g 2412MHz Ant1



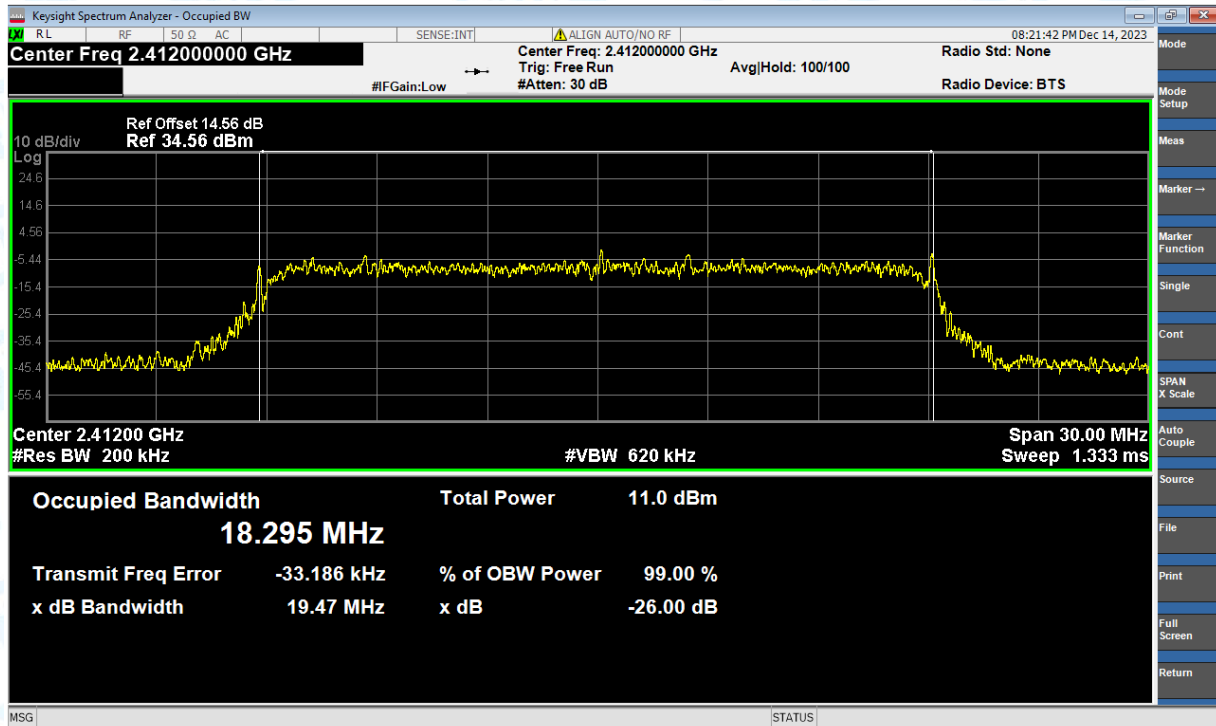
OBW NVNT g 2437MHz Ant1



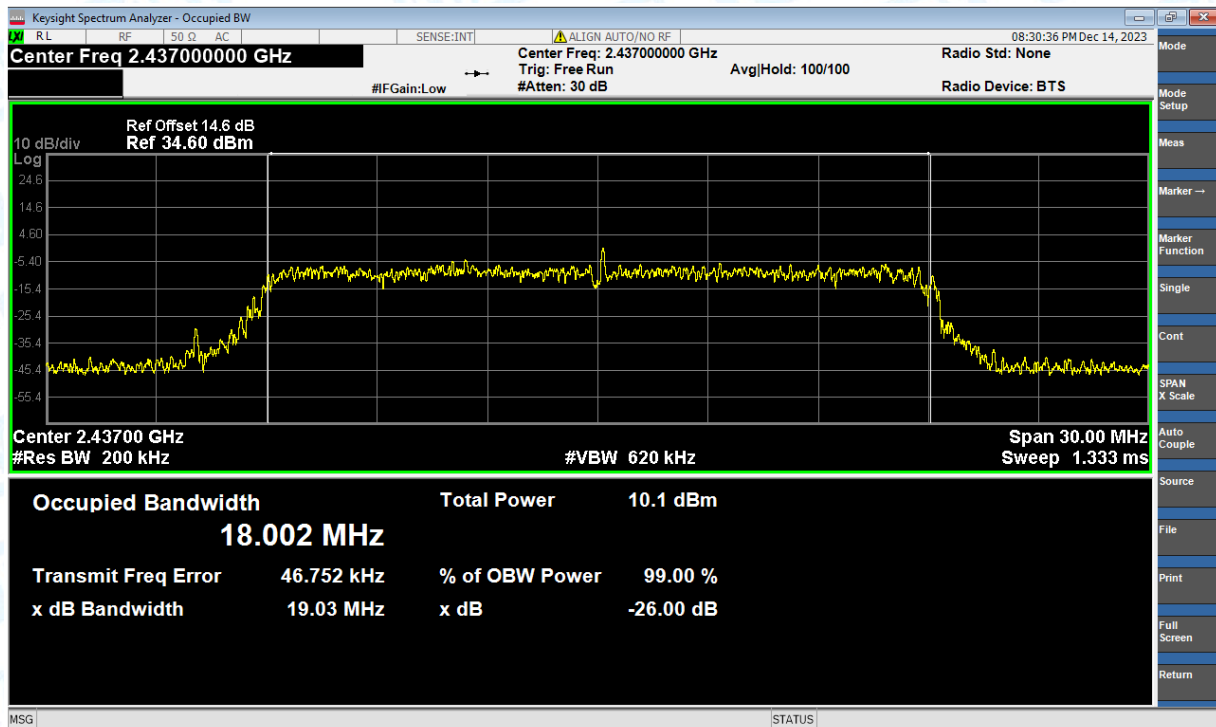
OBW NVNT g 2462MHz Ant1



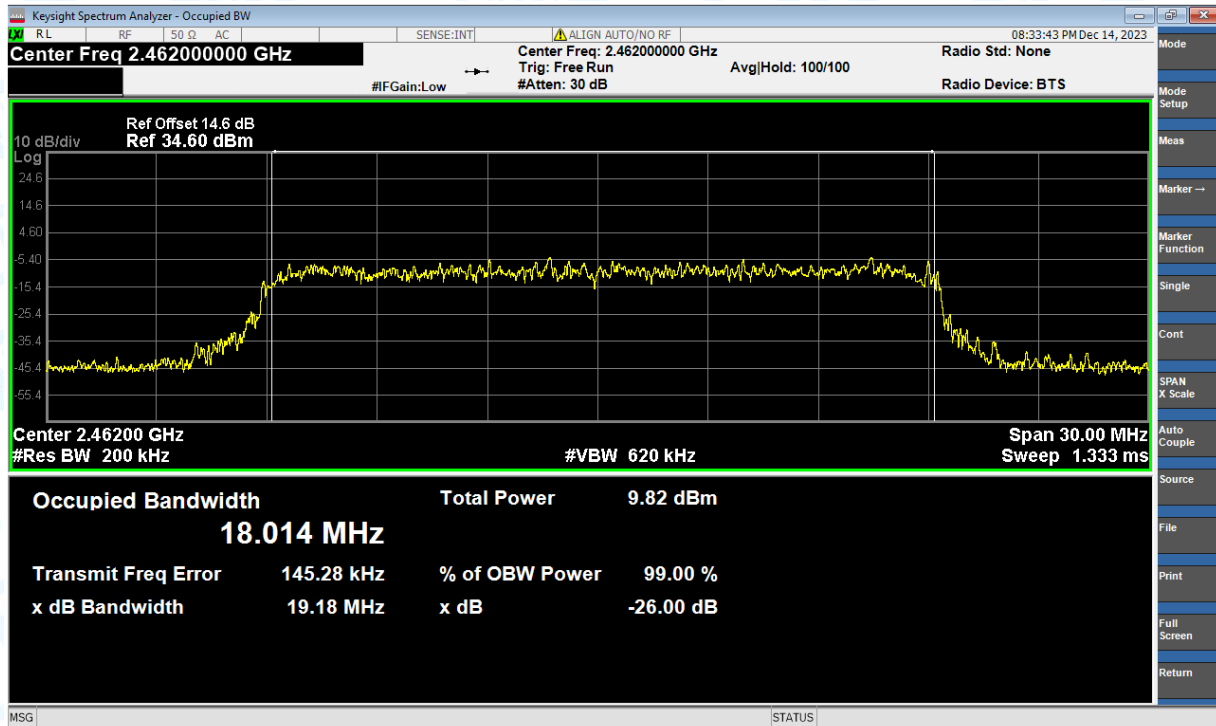
OBW NVNT n(HT20) 2412MHz Ant1



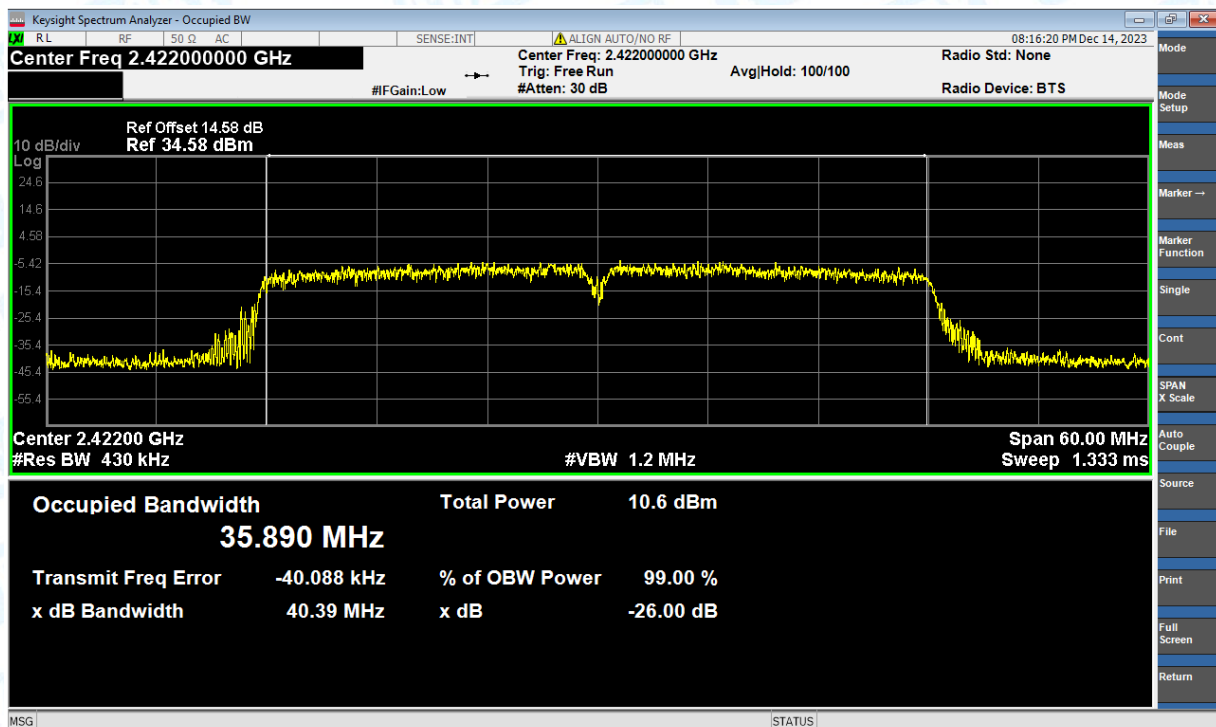
OBW NVNT n(HT20) 2437MHz Ant1



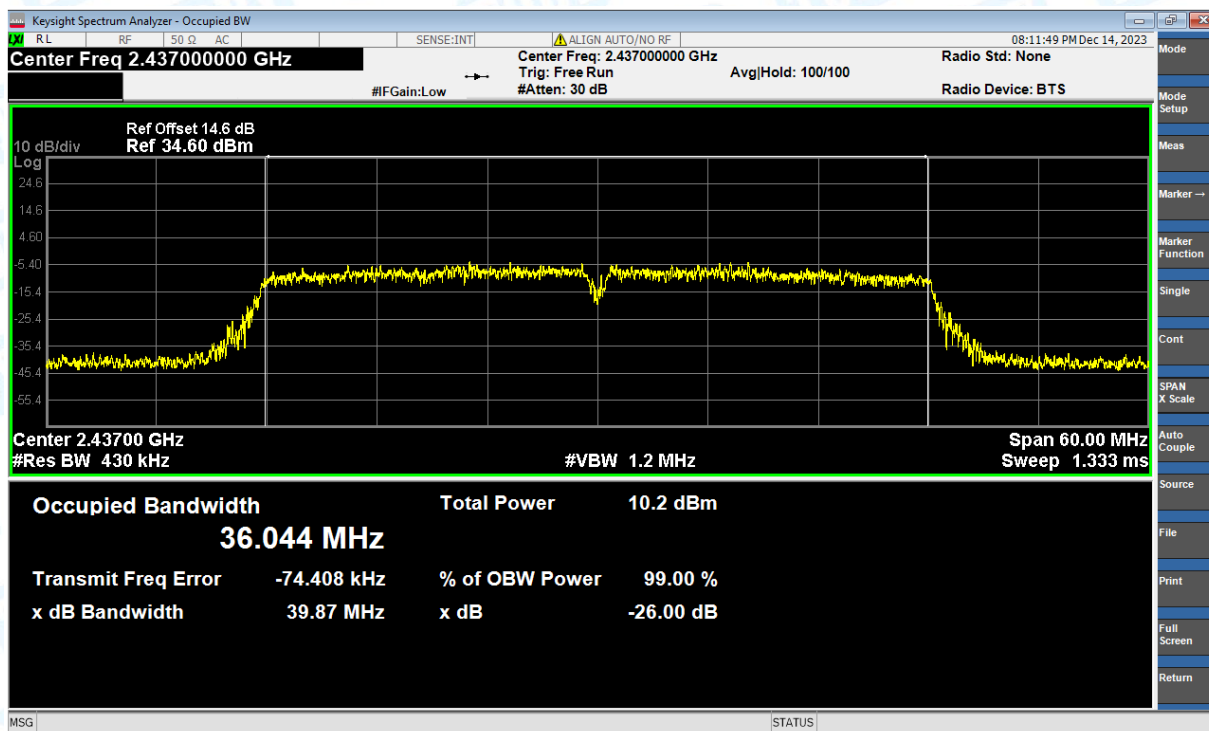
OBW NVNT n(HT20) 2462MHz Ant1



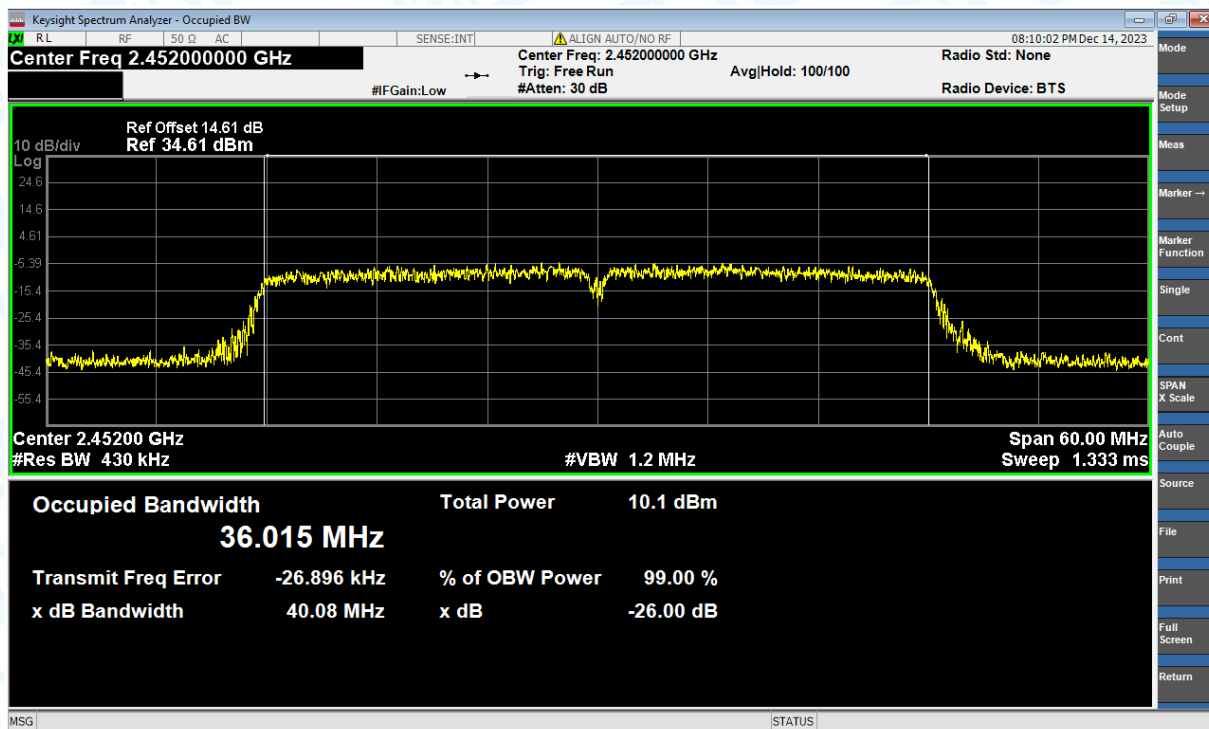
OBW NVNT n(HT40) 2422MHz Ant1



OBW NVNT n(HT40) 2437MHz Ant1



OBW NVNT n(HT40) 2452MHz Ant1

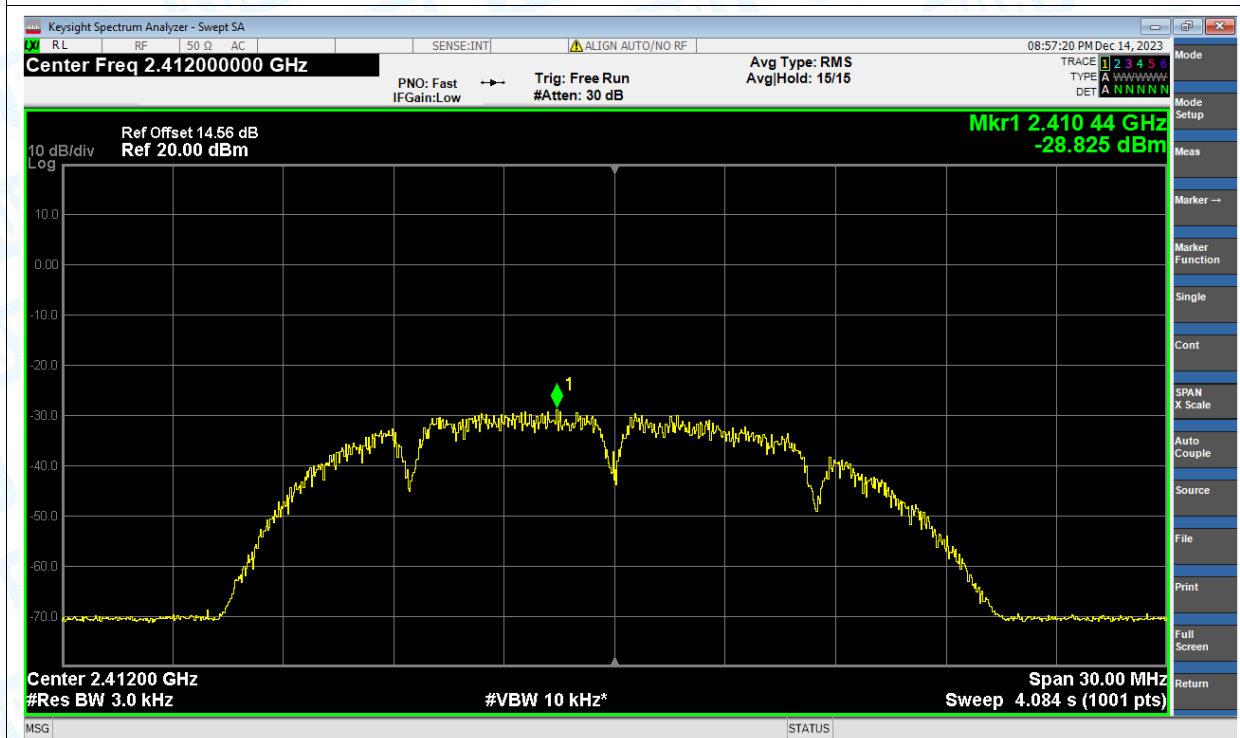


## Maximum Power Spectral Density Level

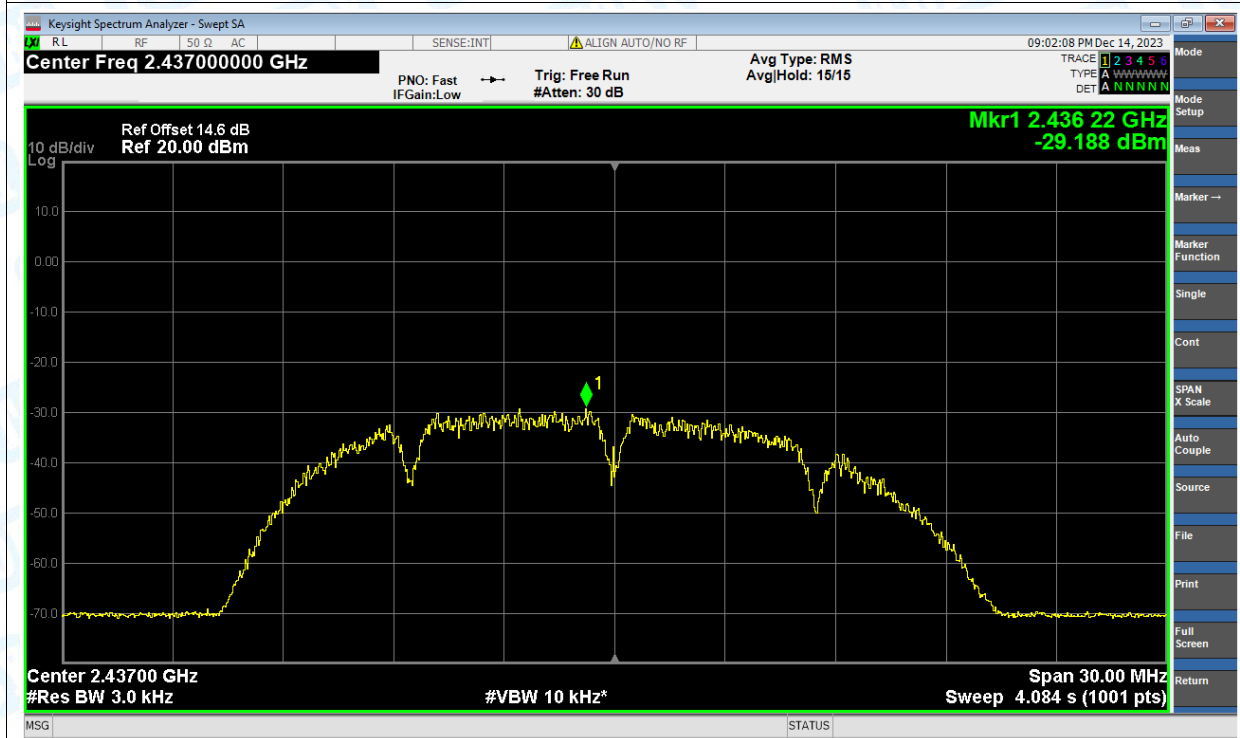
| Condition | Mode    | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|---------|-----------------|---------|---------------|-------------|---------|
| NVNT      | b       | 2412            | Ant1    | -28.825       | 8           | Pass    |
| NVNT      | b       | 2437            | Ant1    | -29.188       | 8           | Pass    |
| NVNT      | b       | 2462            | Ant1    | -29.052       | 8           | Pass    |
| NVNT      | g       | 2412            | Ant1    | -36.154       | 8           | Pass    |
| NVNT      | g       | 2437            | Ant1    | -36.485       | 8           | Pass    |
| NVNT      | g       | 2462            | Ant1    | -36.512       | 8           | Pass    |
| NVNT      | n(HT20) | 2412            | Ant1    | -36.14        | 8           | Pass    |
| NVNT      | n(HT20) | 2437            | Ant1    | -36.838       | 8           | Pass    |
| NVNT      | n(HT20) | 2462            | Ant1    | -37.042       | 8           | Pass    |
| NVNT      | n(HT40) | 2422            | Ant1    | -39.442       | 8           | Pass    |
| NVNT      | n(HT40) | 2437            | Ant1    | -39.291       | 8           | Pass    |
| NVNT      | n(HT40) | 2452            | Ant1    | -39.677       | 8           | Pass    |

### Test Graphs

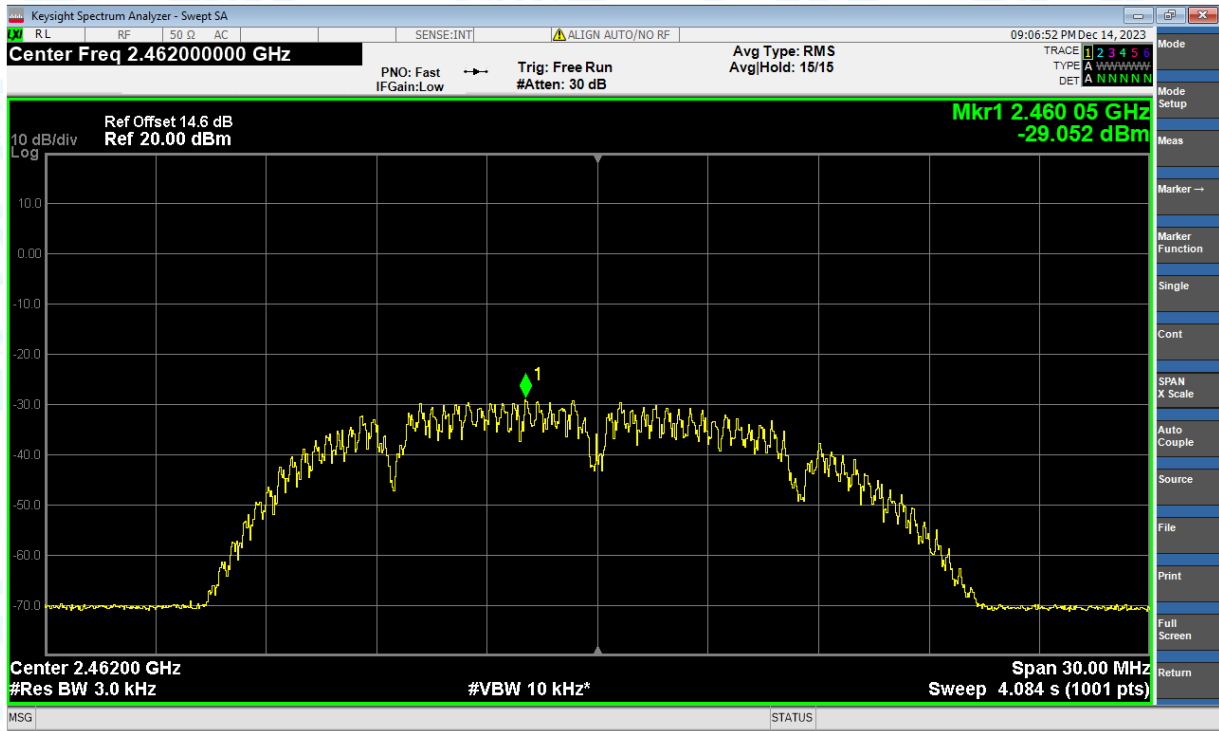
PSD NVNT b 2412MHz Ant1



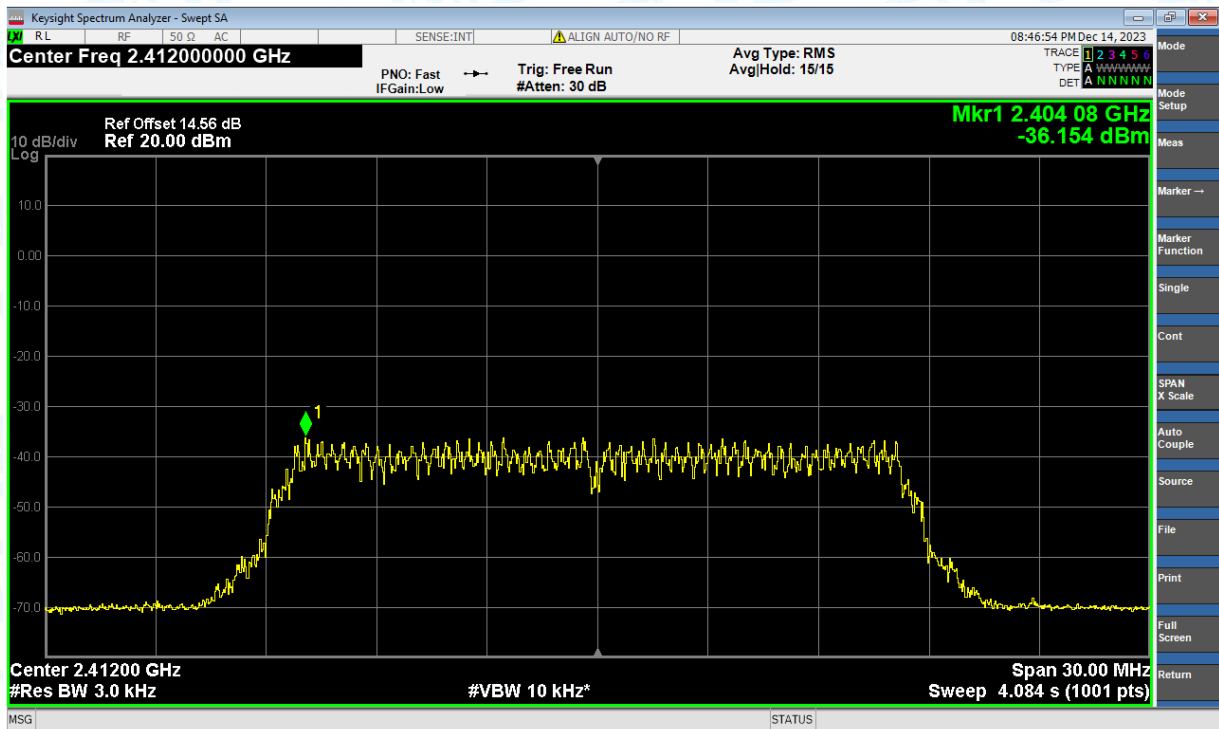
PSD NVNT b 2437MHz Ant1



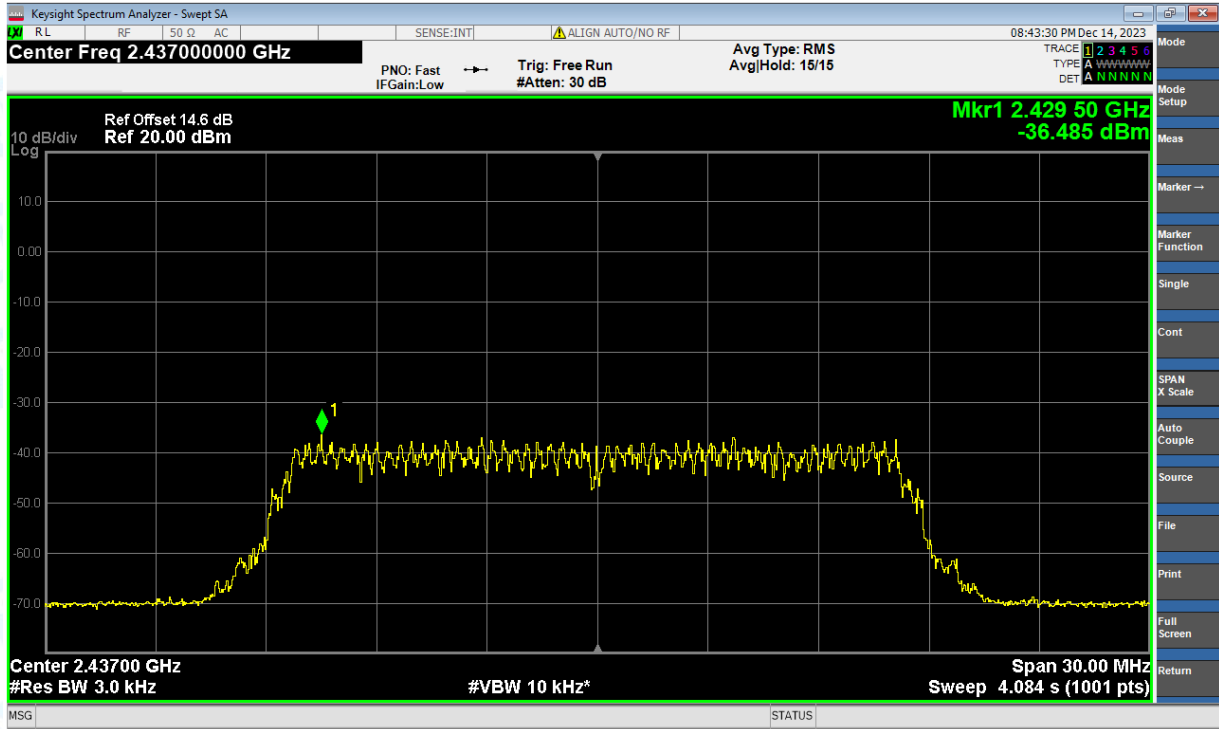
PSD NVNT b 2462MHz Ant1



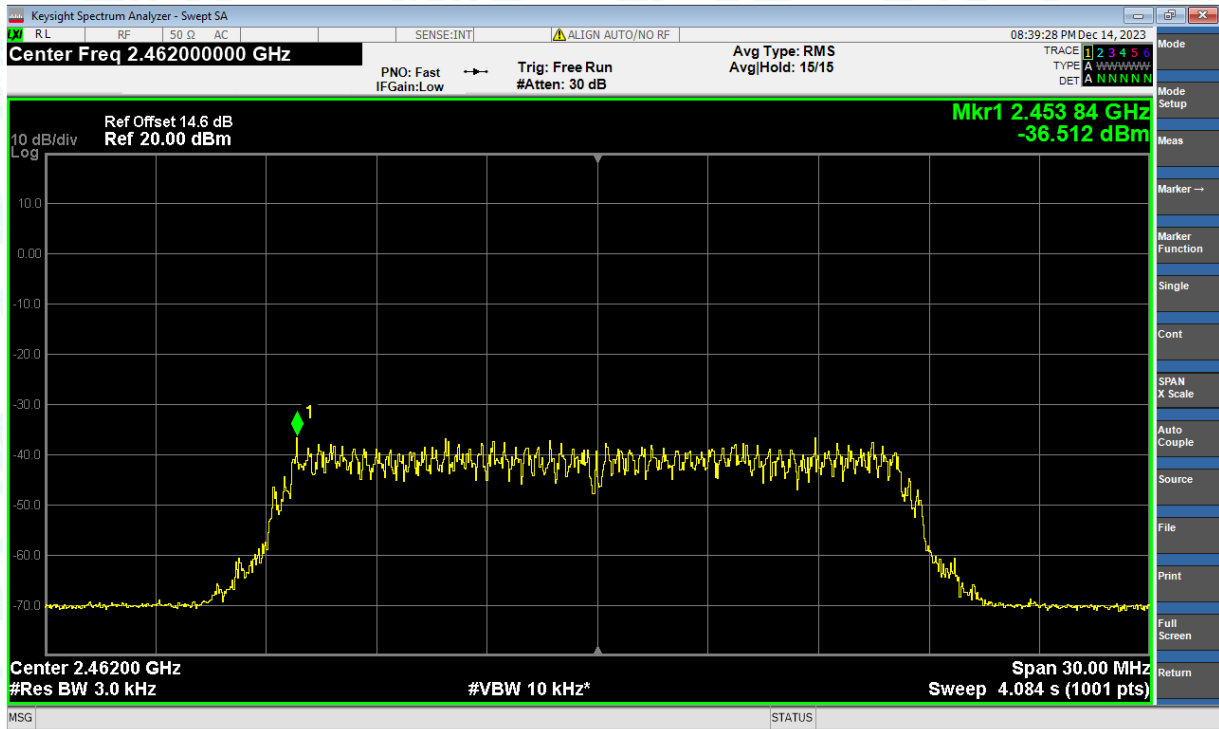
PSD NVNT g 2412MHz Ant1



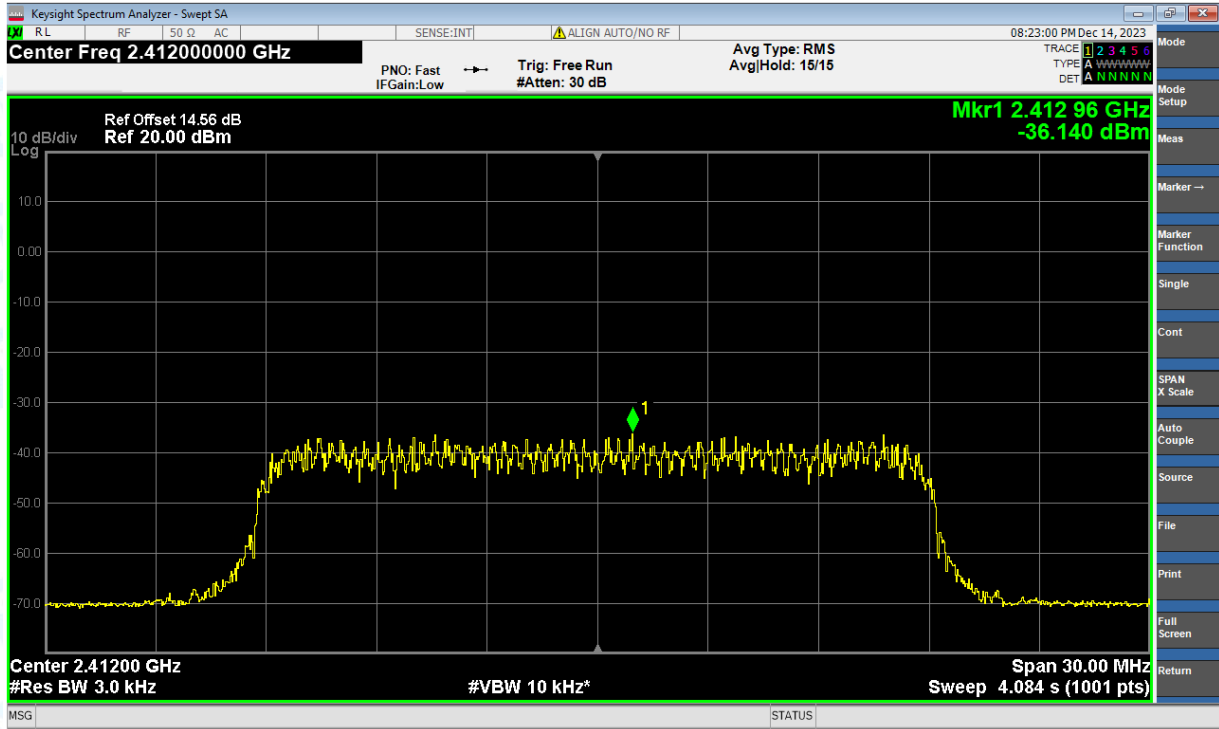
PSD NVNT g 2437MHz Ant1



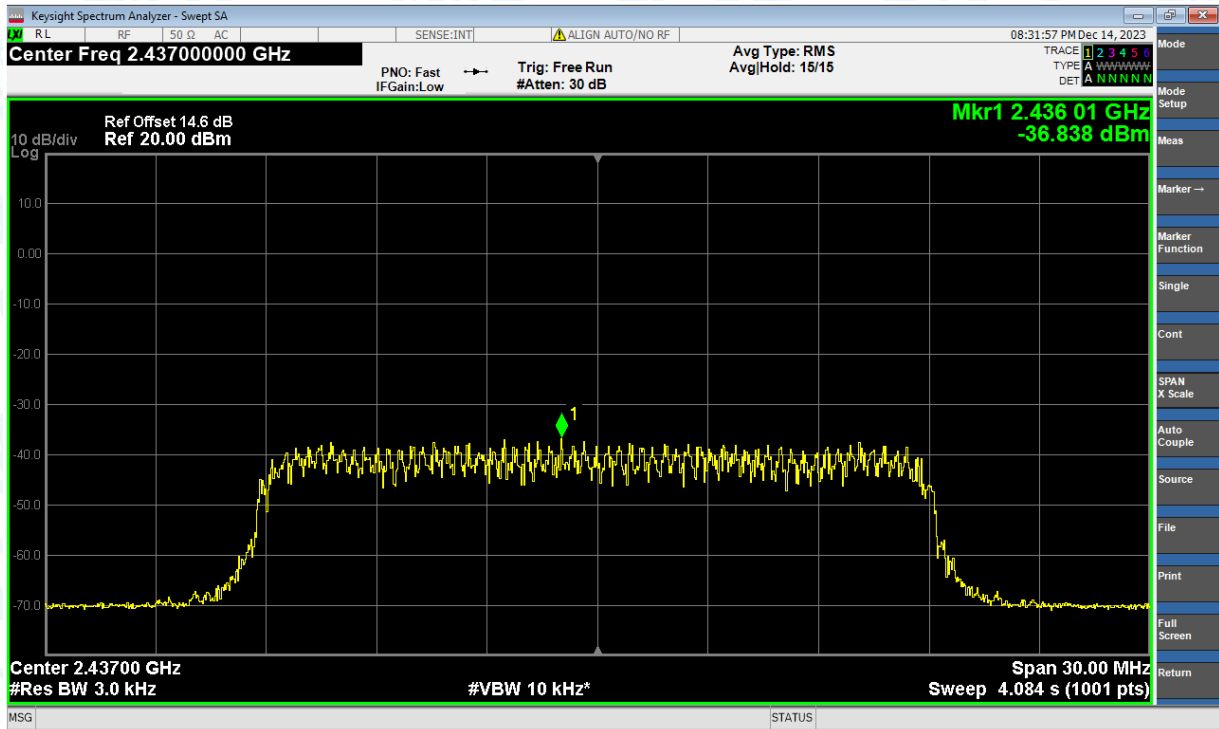
PSD NVNT g 2462MHz Ant1



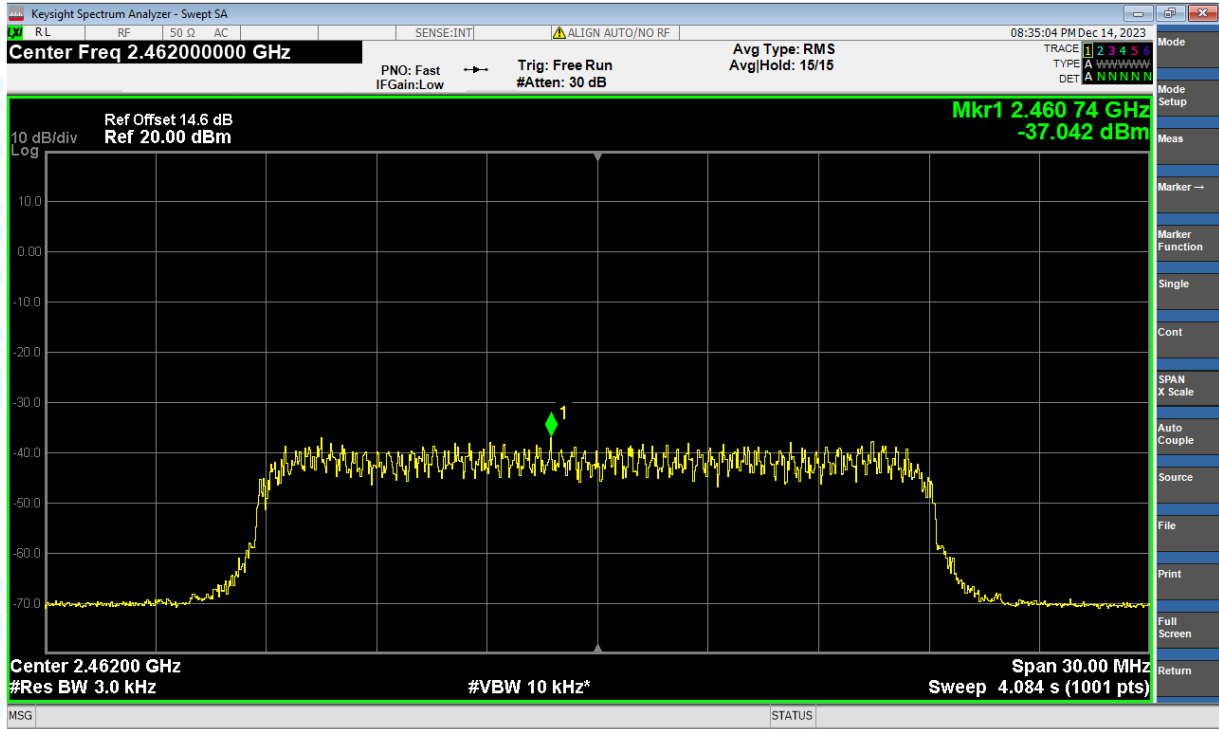
PSD NVNT n(HT20) 2412MHz Ant1



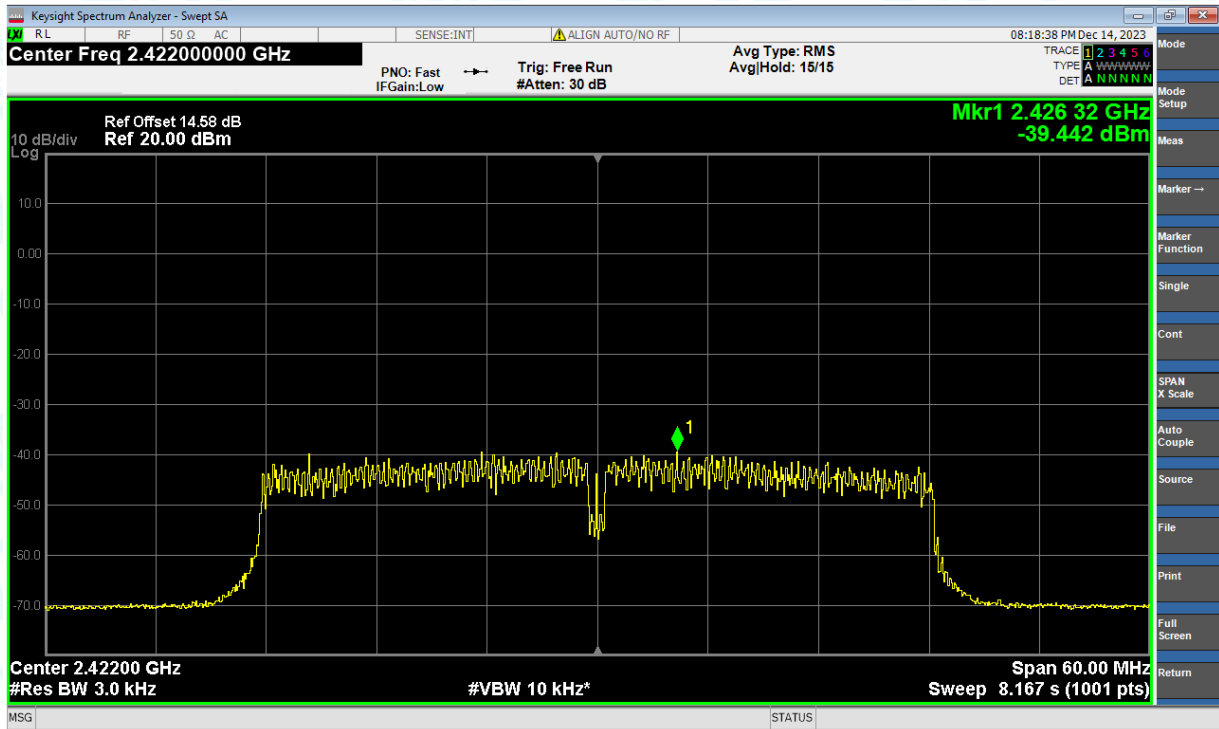
PSD NVNT n(HT20) 2437MHz Ant1



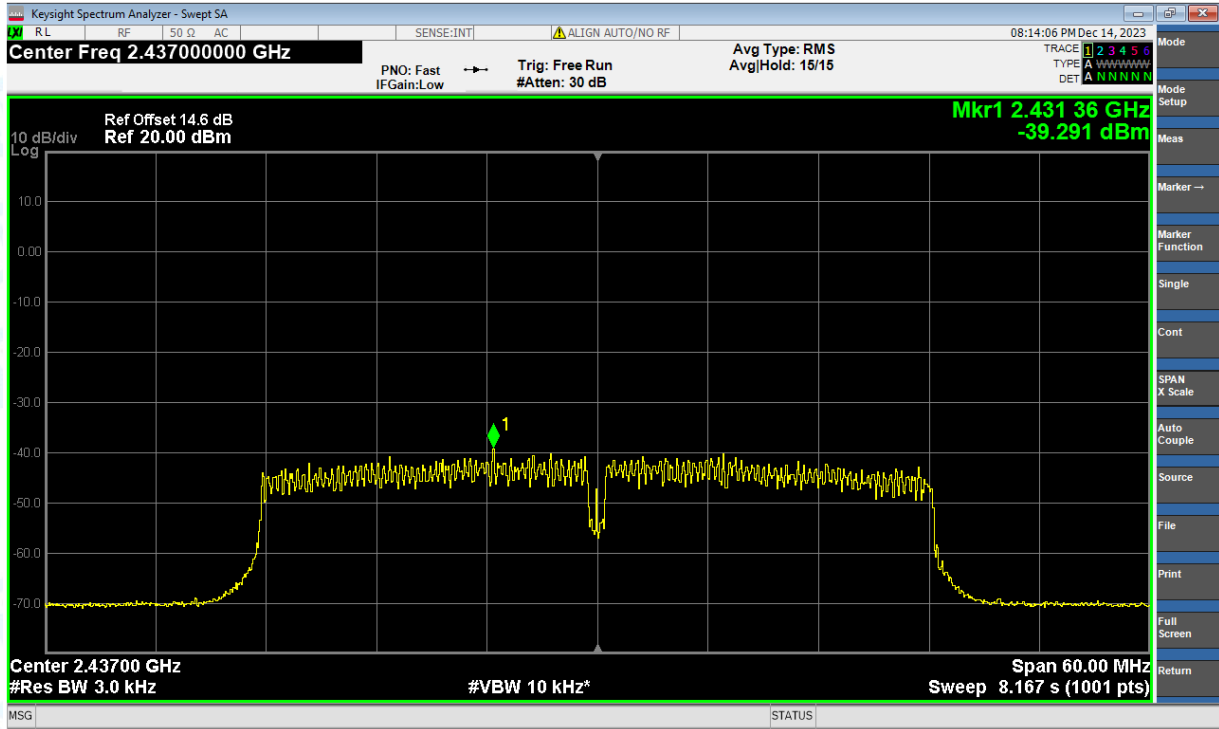
PSD NVNT n(HT20) 2462MHz Ant1



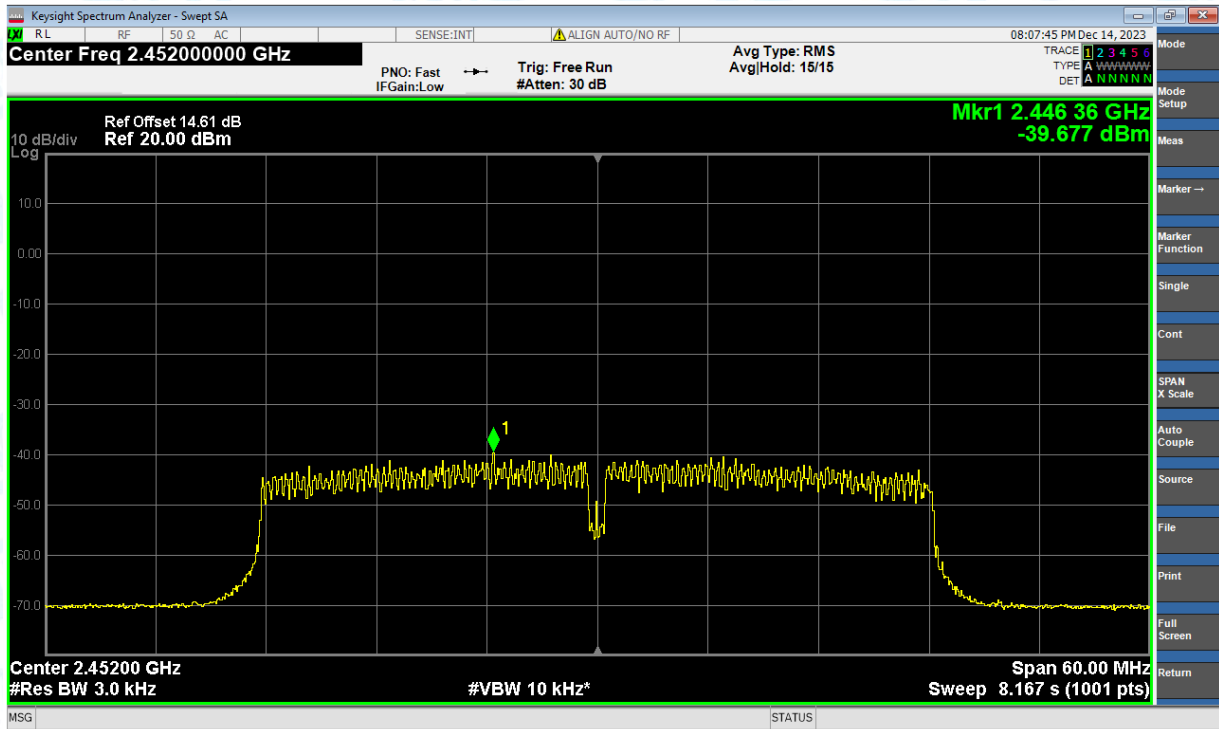
PSD NVNT n(HT40) 2422MHz Ant1



PSD NVNT n(HT40) 2437MHz Ant1



PSD NVNT n(HT40) 2452MHz Ant1

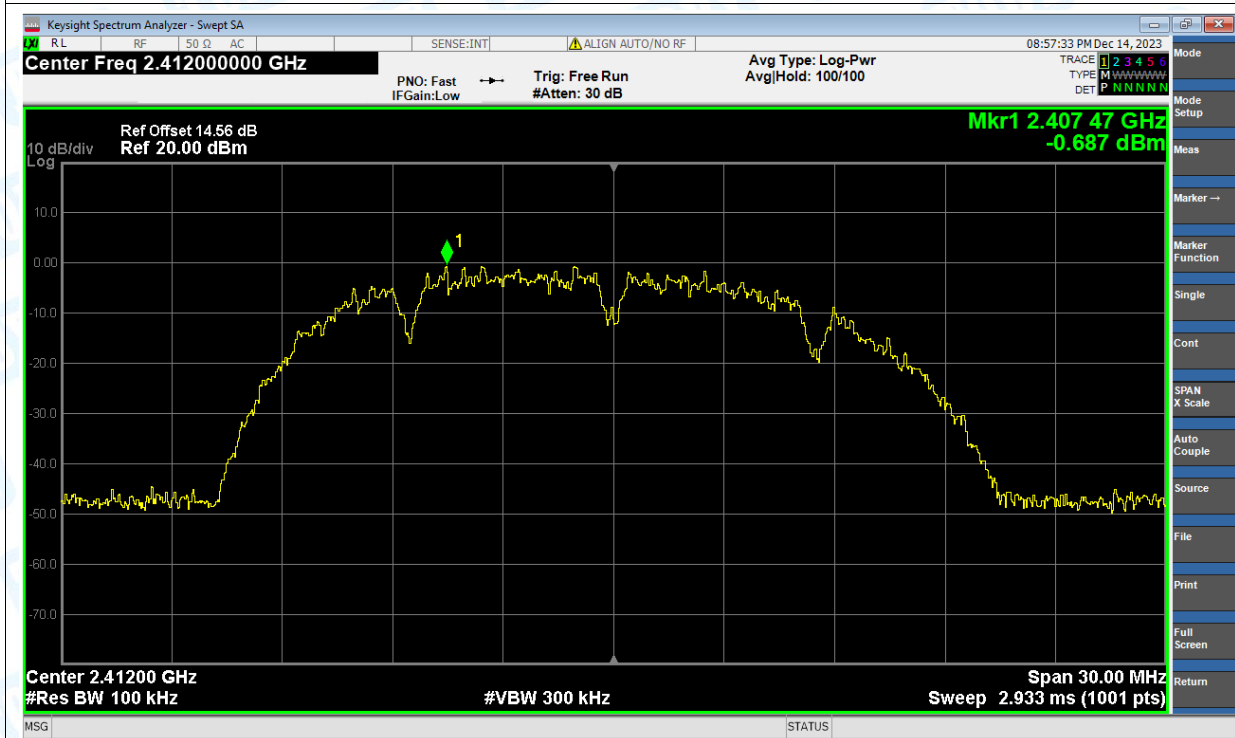


## Band Edge

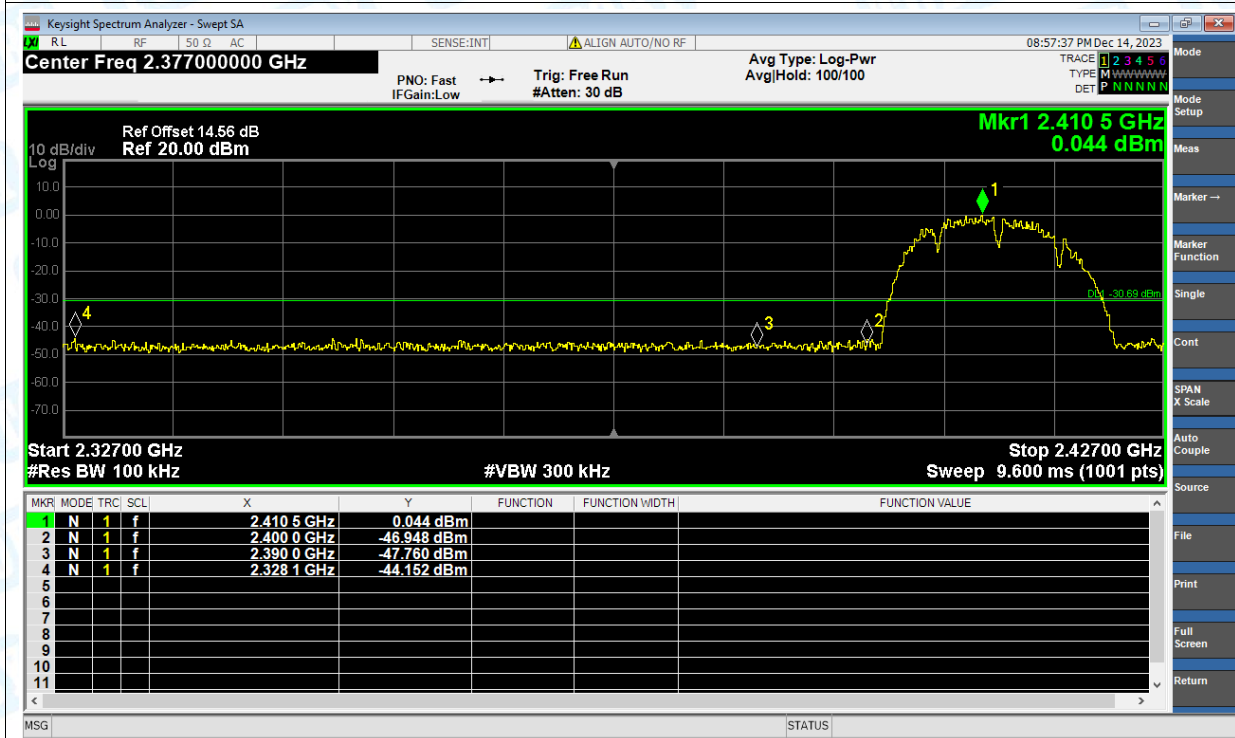
| Condition | Mode    | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|---------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b       | 2412            | Ant1    | -43.46          | -30         | Pass    |
| NVNT      | b       | 2462            | Ant1    | -44.74          | -30         | Pass    |
| NVNT      | g       | 2412            | Ant1    | -39.16          | -30         | Pass    |
| NVNT      | g       | 2462            | Ant1    | -39.49          | -30         | Pass    |
| NVNT      | n(HT20) | 2412            | Ant1    | -40.35          | -30         | Pass    |
| NVNT      | n(HT20) | 2462            | Ant1    | -40.23          | -30         | Pass    |
| NVNT      | n(HT40) | 2422            | Ant1    | -40.67          | -30         | Pass    |
| NVNT      | n(HT40) | 2452            | Ant1    | -36.01          | -30         | Pass    |

### Test Graphs

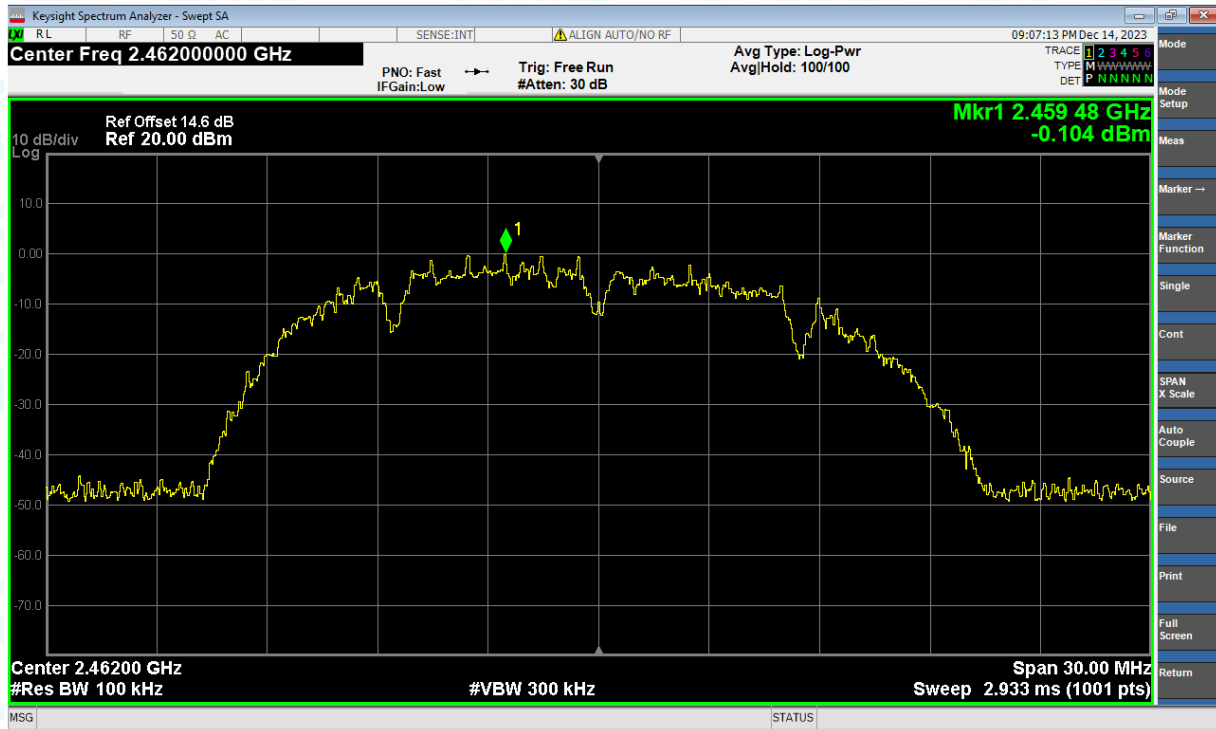
#### Band Edge NVNT b 2412MHz Ant1 Ref



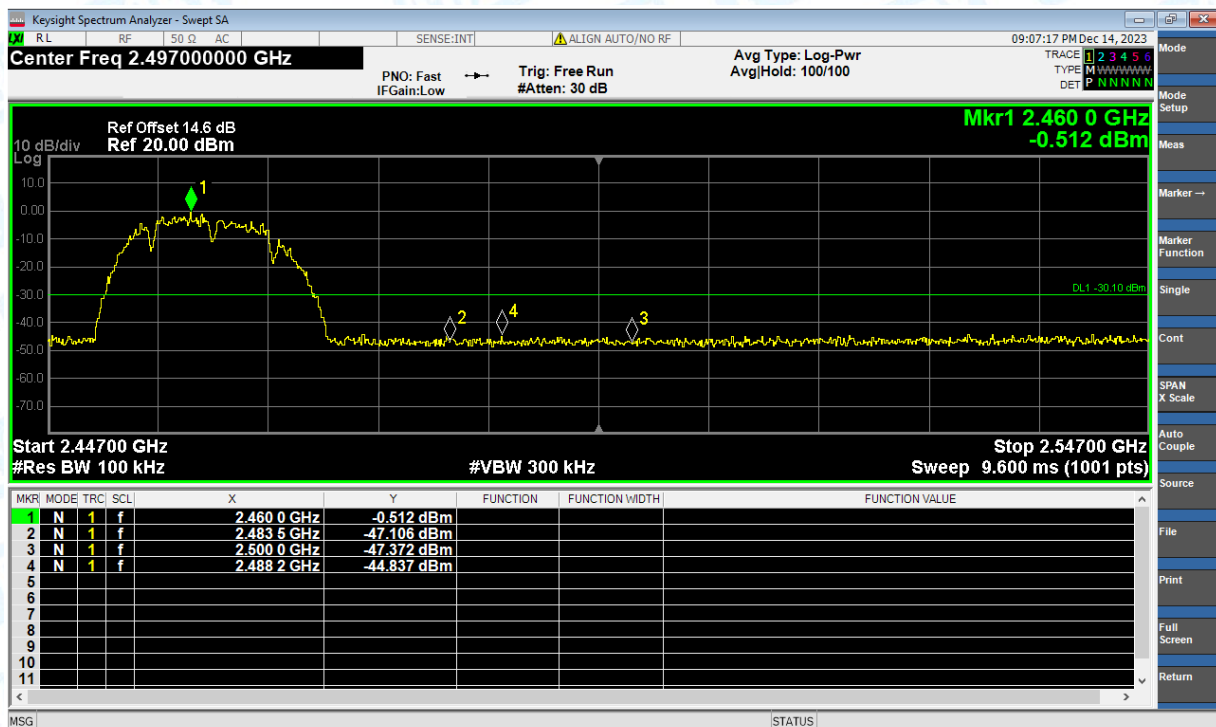
#### Band Edge NVNT b 2412MHz Ant1 Emission



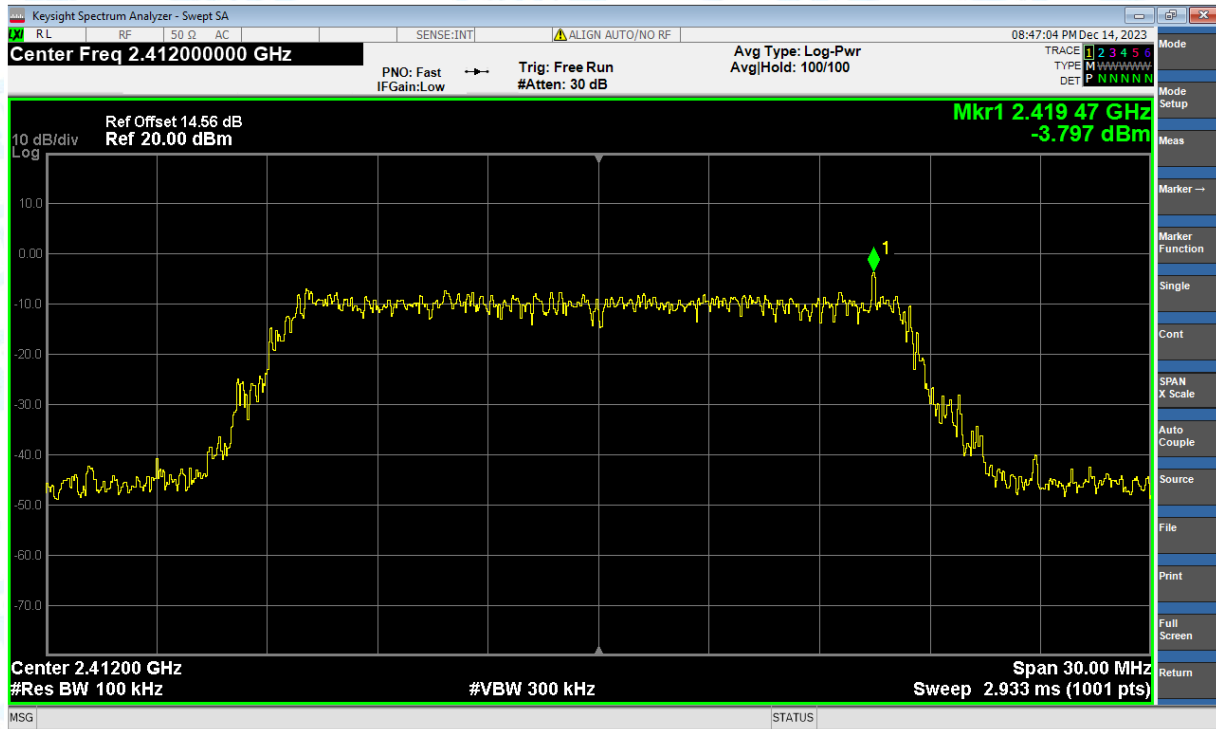
### Band Edge NVNT b 2462MHz Ant1 Ref



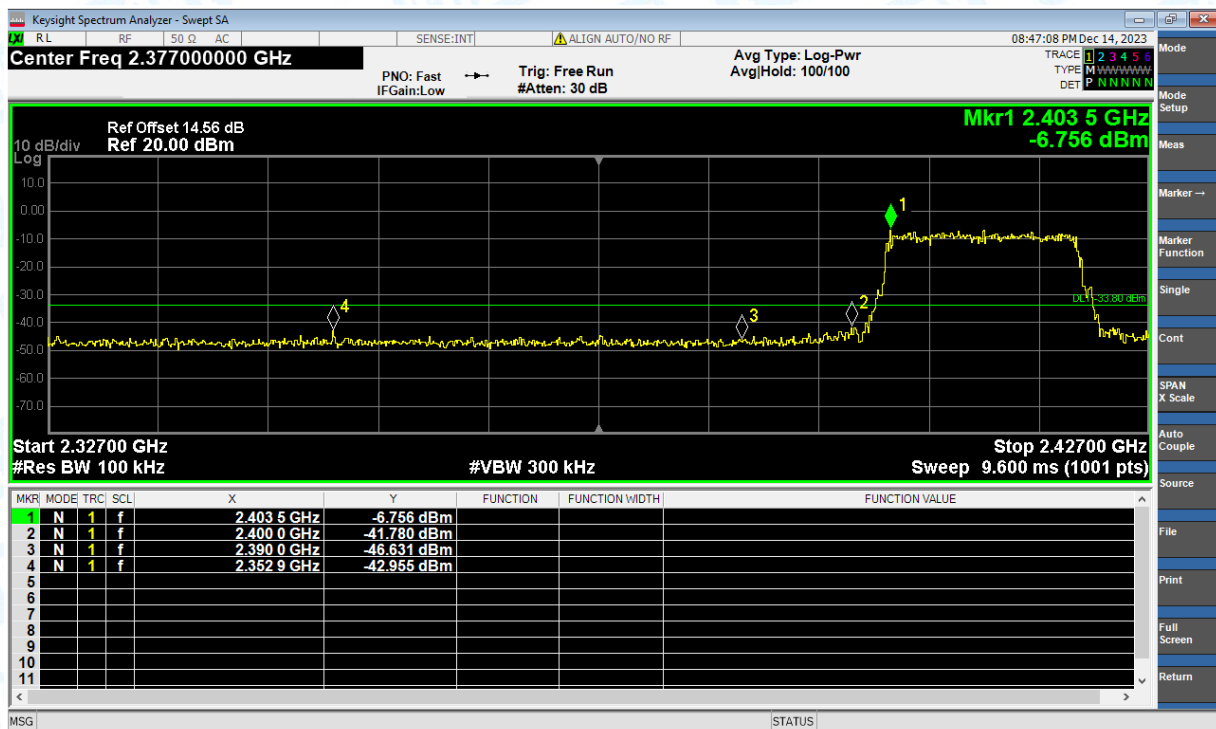
### Band Edge NVNT b 2462MHz Ant1 Emission



### Band Edge NVNT g 2412MHz Ant1 Ref



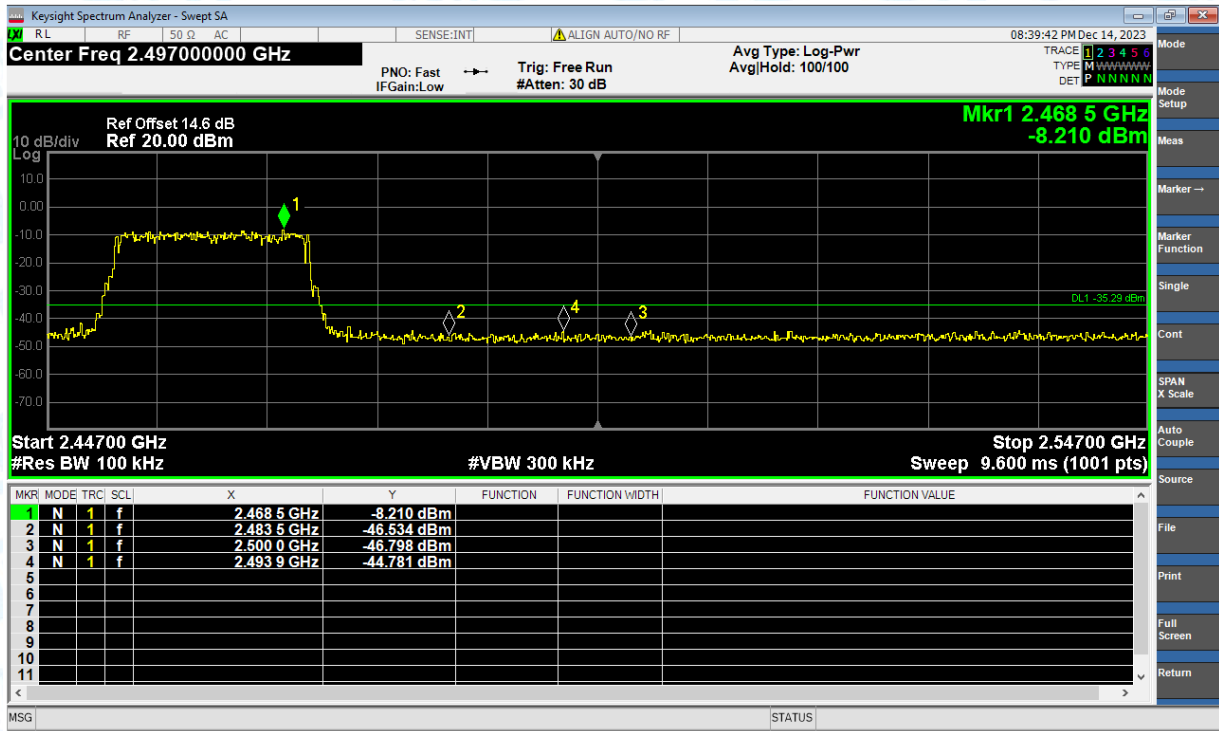
### Band Edge NVNT g 2412MHz Ant1 Emission



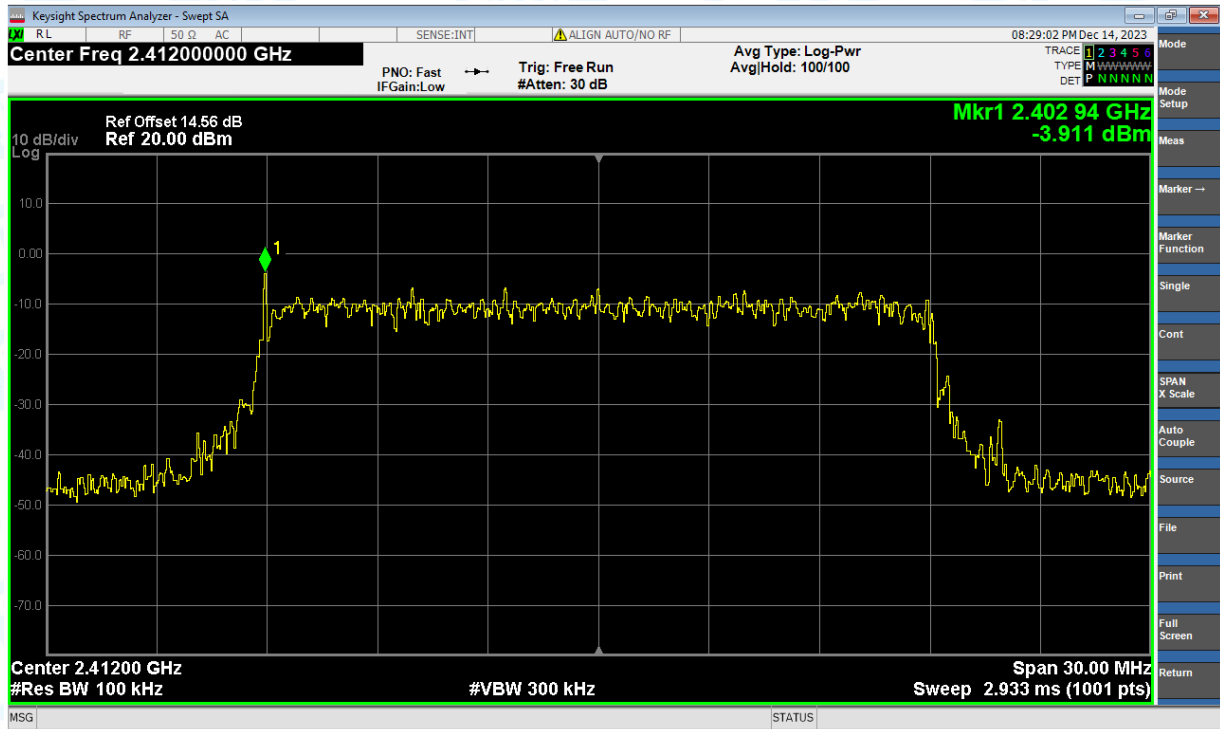
### Band Edge NVNT g 2462MHz Ant1 Ref



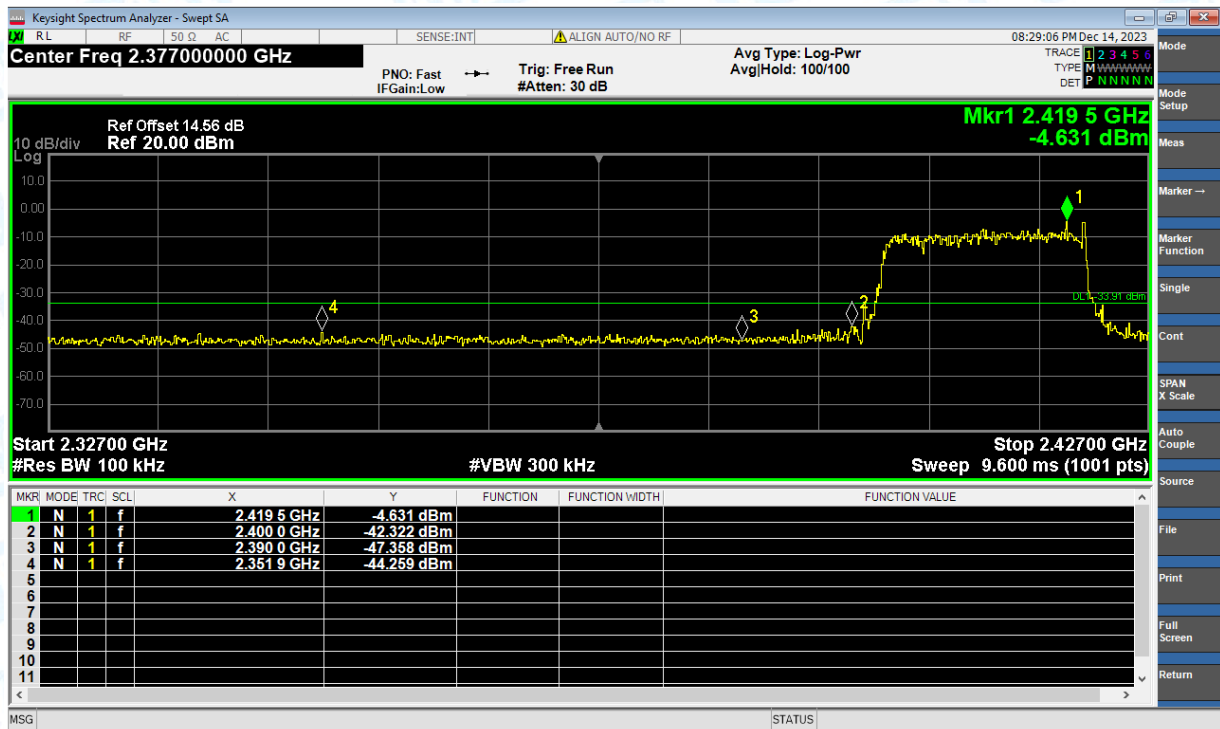
### Band Edge NVNT g 2462MHz Ant1 Emission



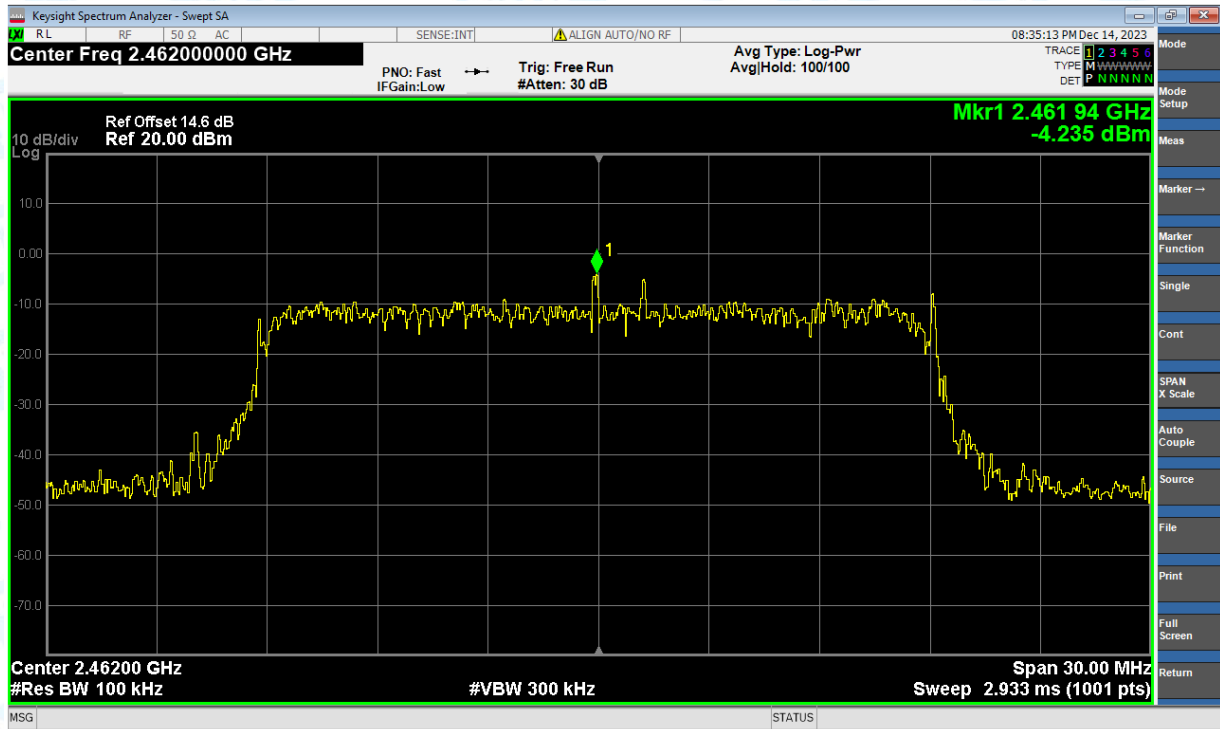
### Band Edge NVNT n(HT20) 2412MHz Ant1 Ref



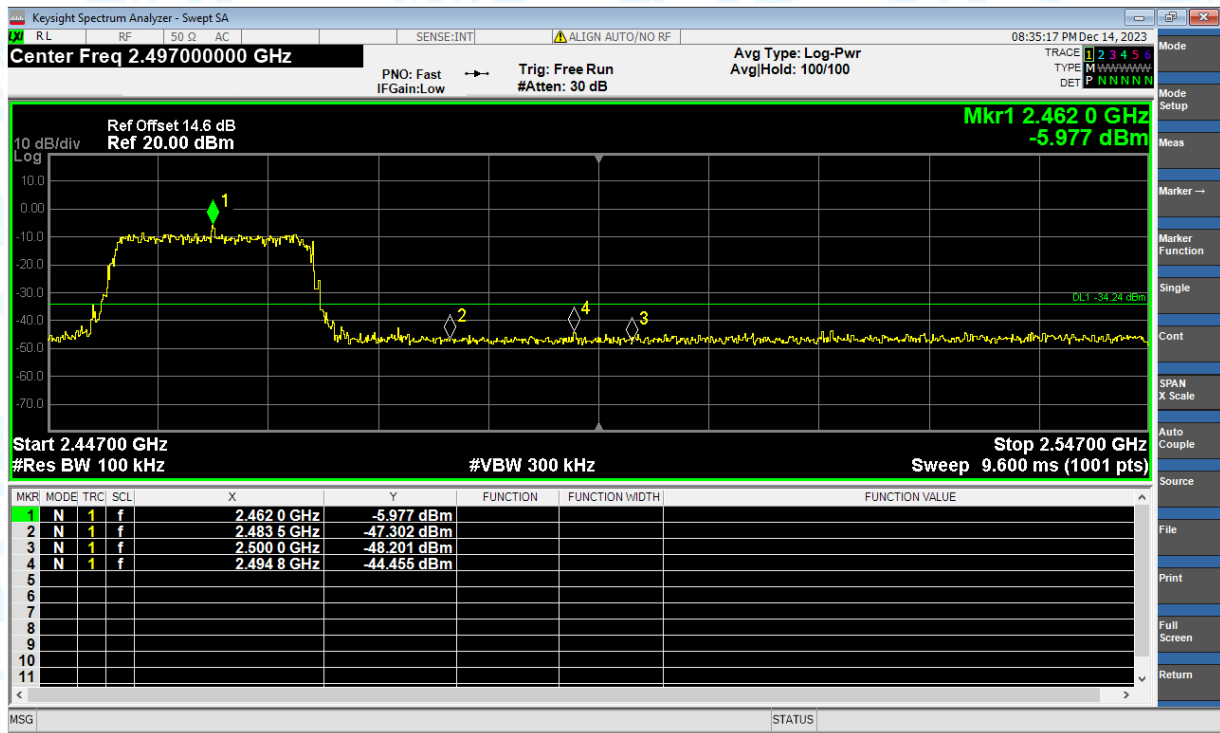
### Band Edge NVNT n(HT20) 2412MHz Ant1 Emission



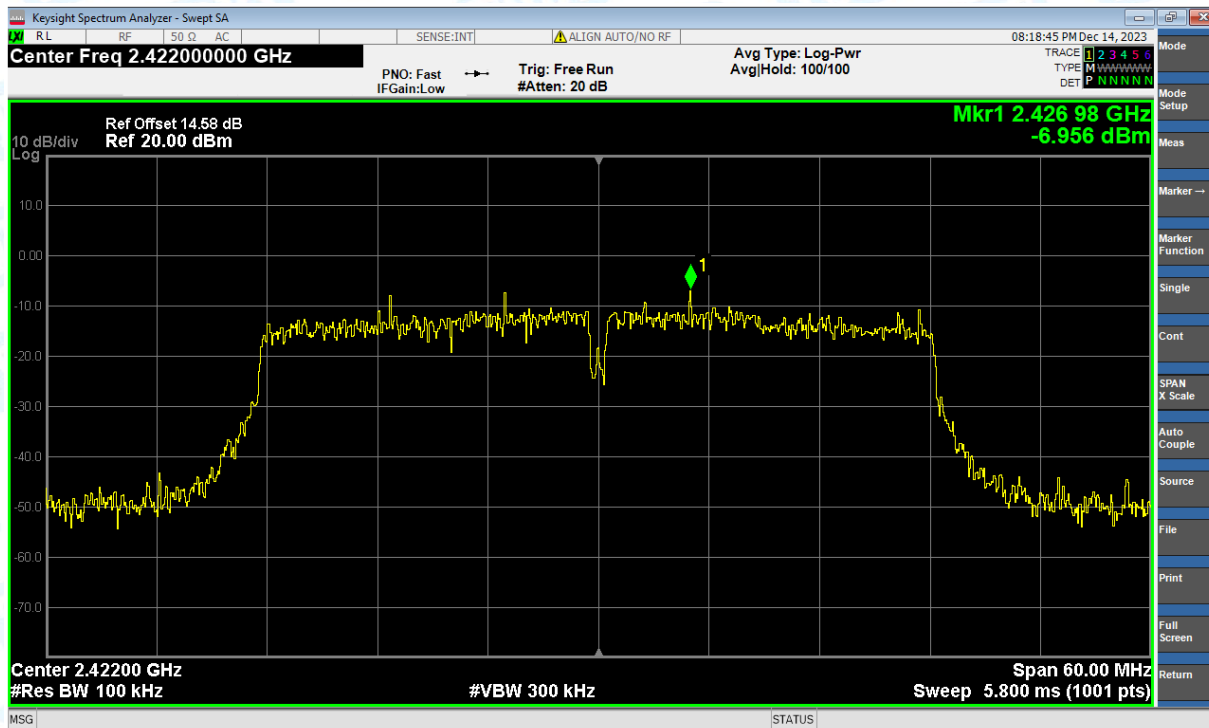
### Band Edge NVNT n(HT20) 2462MHz Ant1 Ref



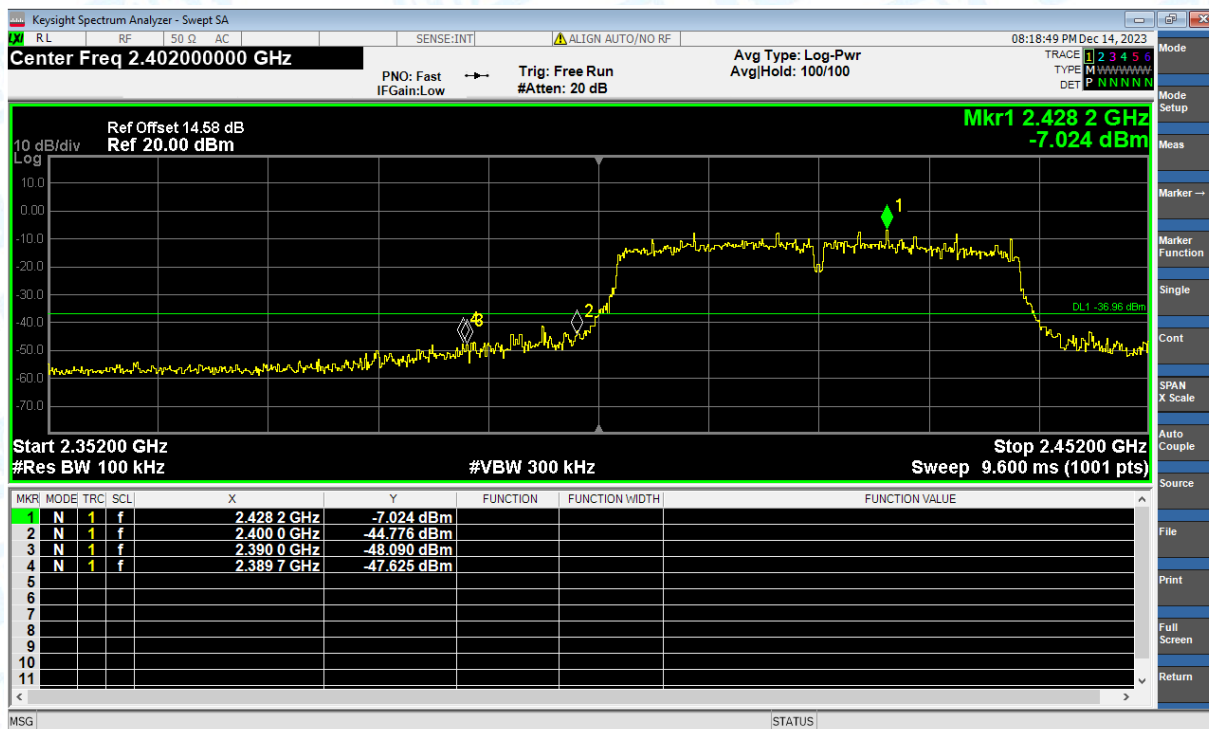
### Band Edge NVNT n(HT20) 2462MHz Ant1 Emission



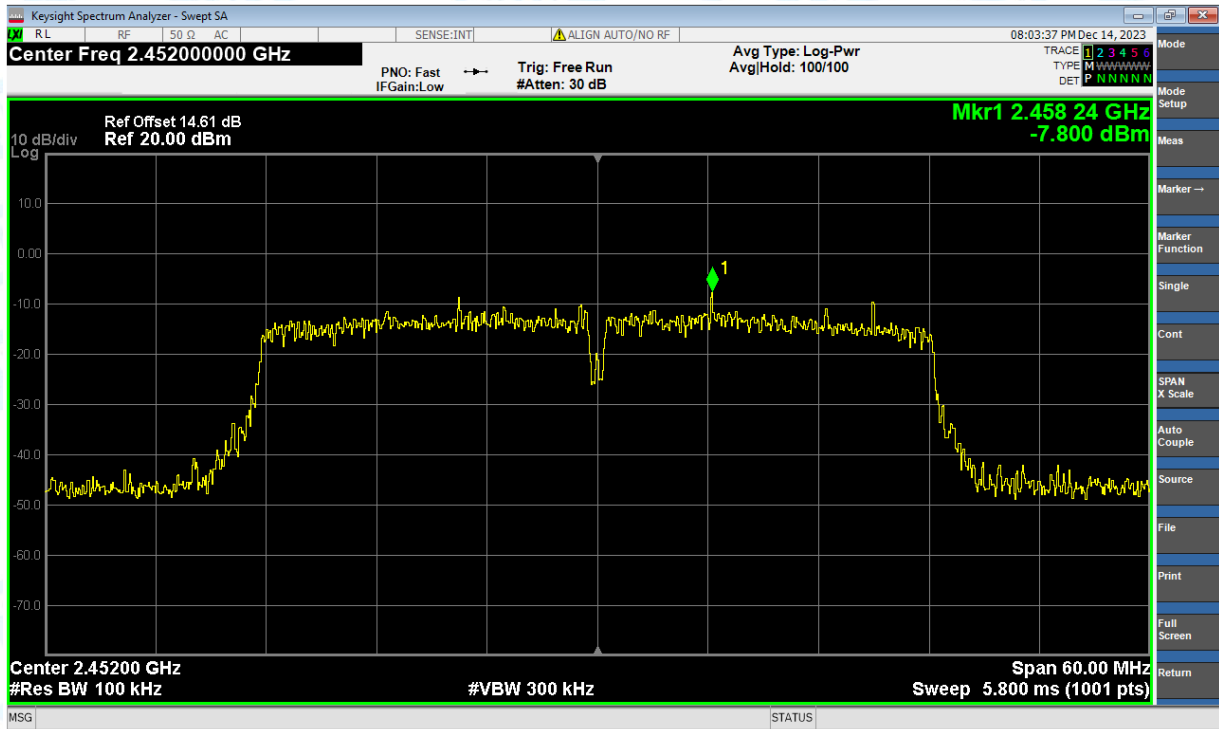
### Band Edge NVNT n(HT40) 2422MHz Ant1 Ref



### Band Edge NVNT n(HT40) 2422MHz Ant1 Emission



### Band Edge NVNT n(HT40) 2452MHz Ant1 Ref



### Band Edge NVNT n(HT40) 2452MHz Ant1 Emission

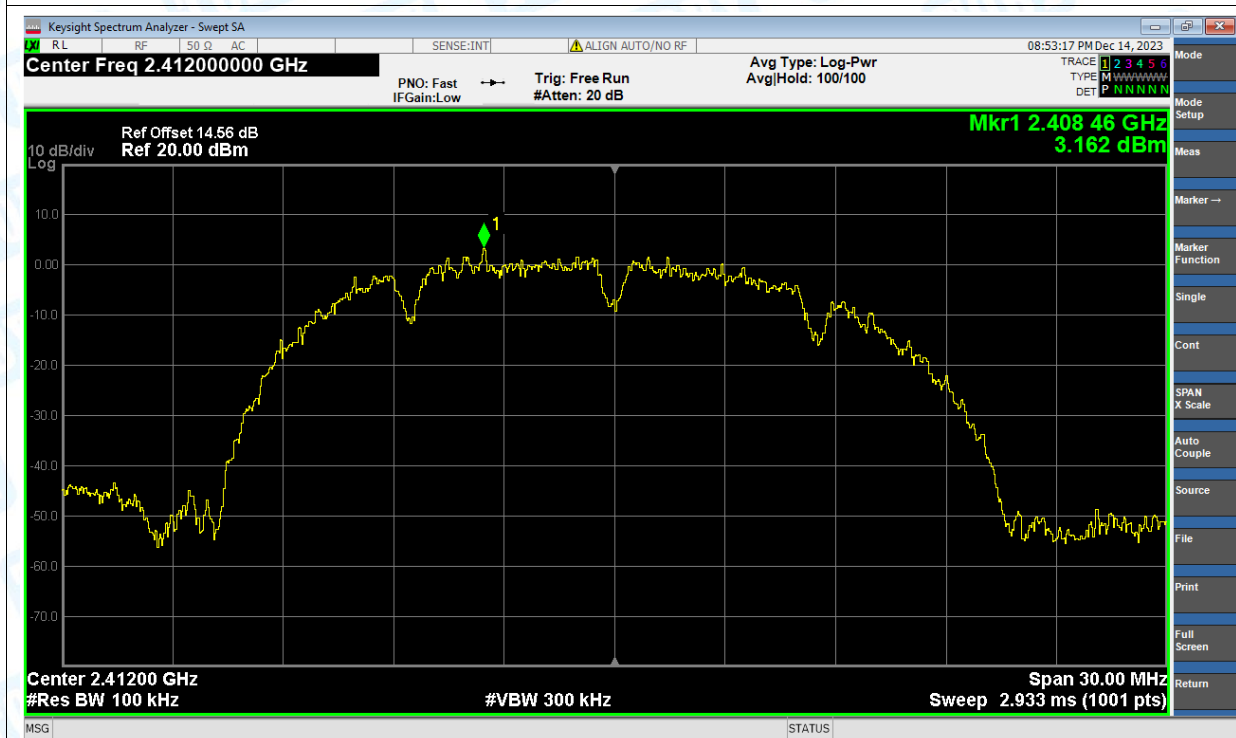


## Conducted RF Spurious Emission

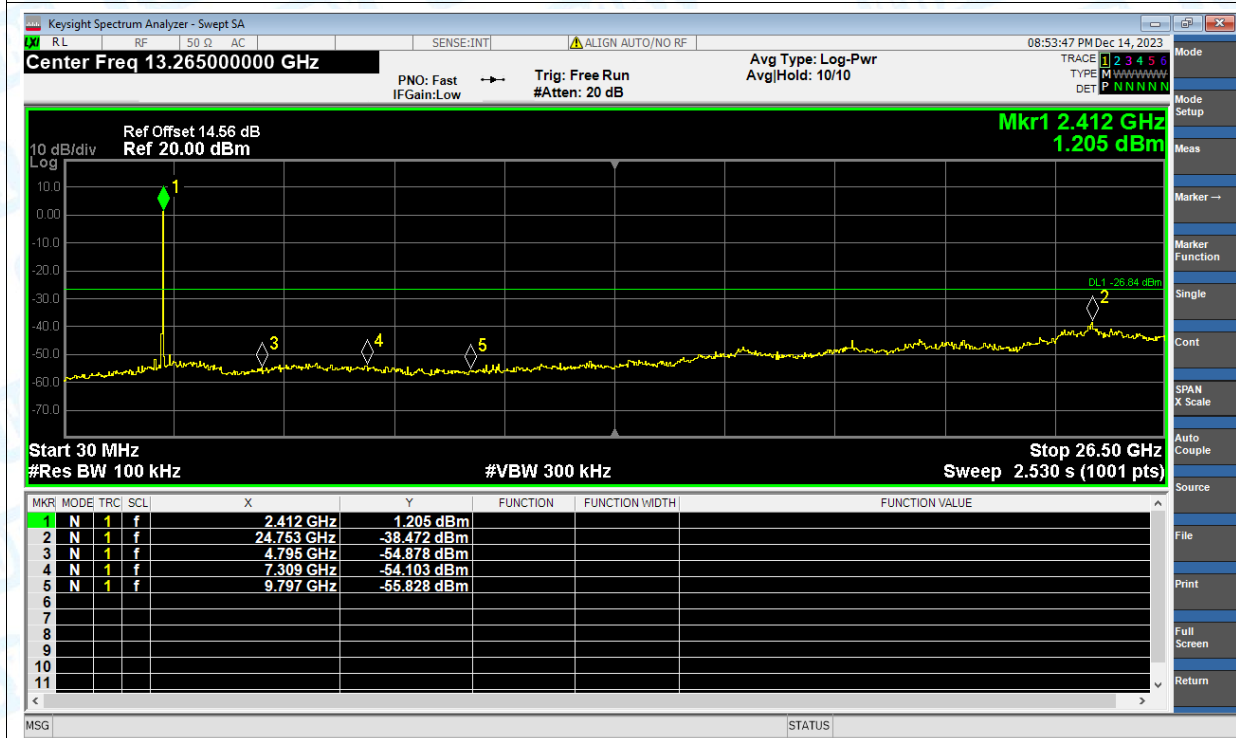
| Condition | Mode    | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|---------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b       | 2412            | Ant1    | -41.63          | -30         | Pass    |
| NVNT      | b       | 2437            | Ant1    | -40.41          | -30         | Pass    |
| NVNT      | b       | 2462            | Ant1    | -39.19          | -30         | Pass    |
| NVNT      | g       | 2412            | Ant1    | -35.53          | -30         | Pass    |
| NVNT      | g       | 2437            | Ant1    | -32.23          | -30         | Pass    |
| NVNT      | g       | 2462            | Ant1    | -34.81          | -30         | Pass    |
| NVNT      | n(HT20) | 2412            | Ant1    | -36.01          | -30         | Pass    |
| NVNT      | n(HT20) | 2437            | Ant1    | -34.46          | -30         | Pass    |
| NVNT      | n(HT20) | 2462            | Ant1    | -34.84          | -30         | Pass    |
| NVNT      | n(HT40) | 2422            | Ant1    | -30.26          | -30         | Pass    |
| NVNT      | n(HT40) | 2437            | Ant1    | -30.78          | -30         | Pass    |
| NVNT      | n(HT40) | 2452            | Ant1    | -31.98          | -30         | Pass    |

## Test Graphs

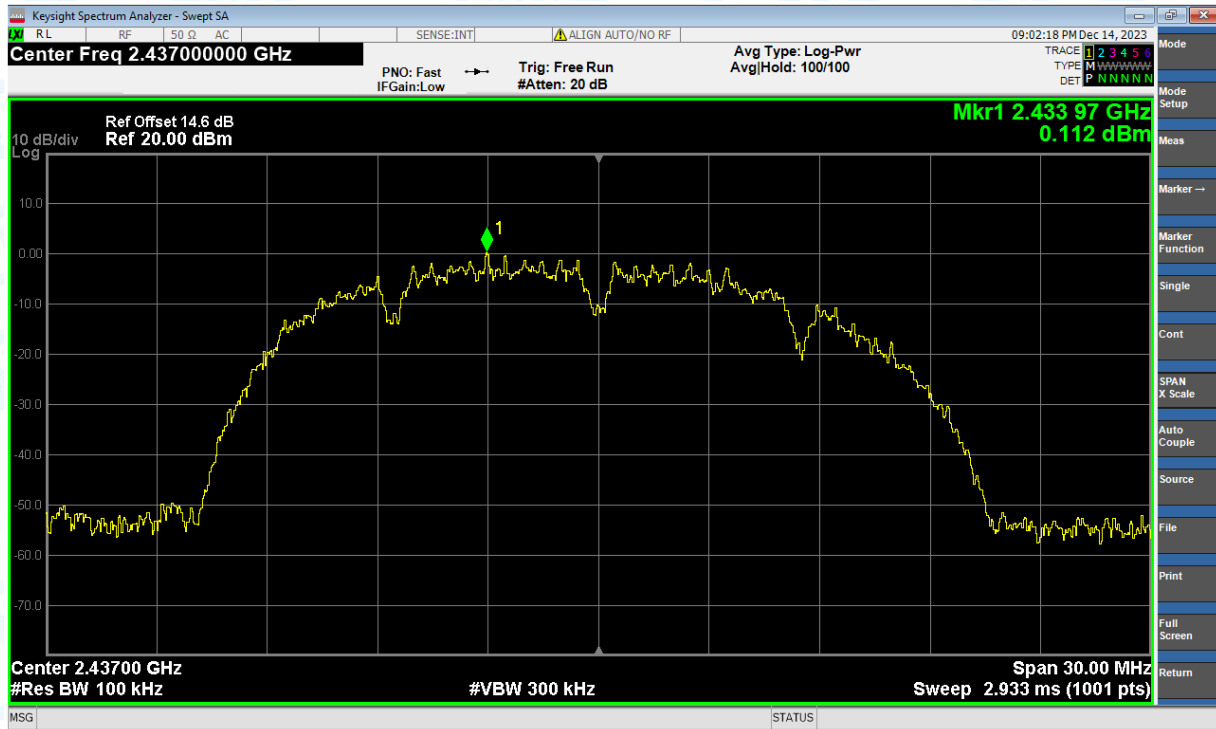
### Tx. Spurious NVNT b 2412MHz Ant1 Ref



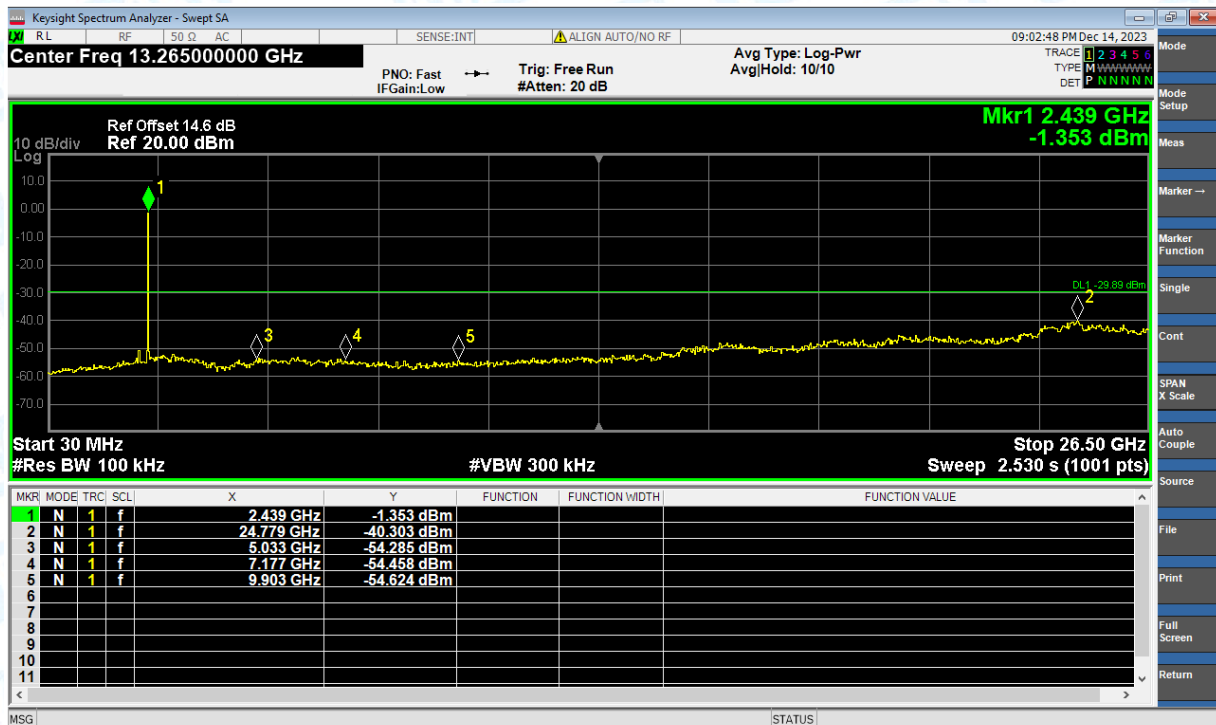
### Tx. Spurious NVNT b 2412MHz Ant1 Emission



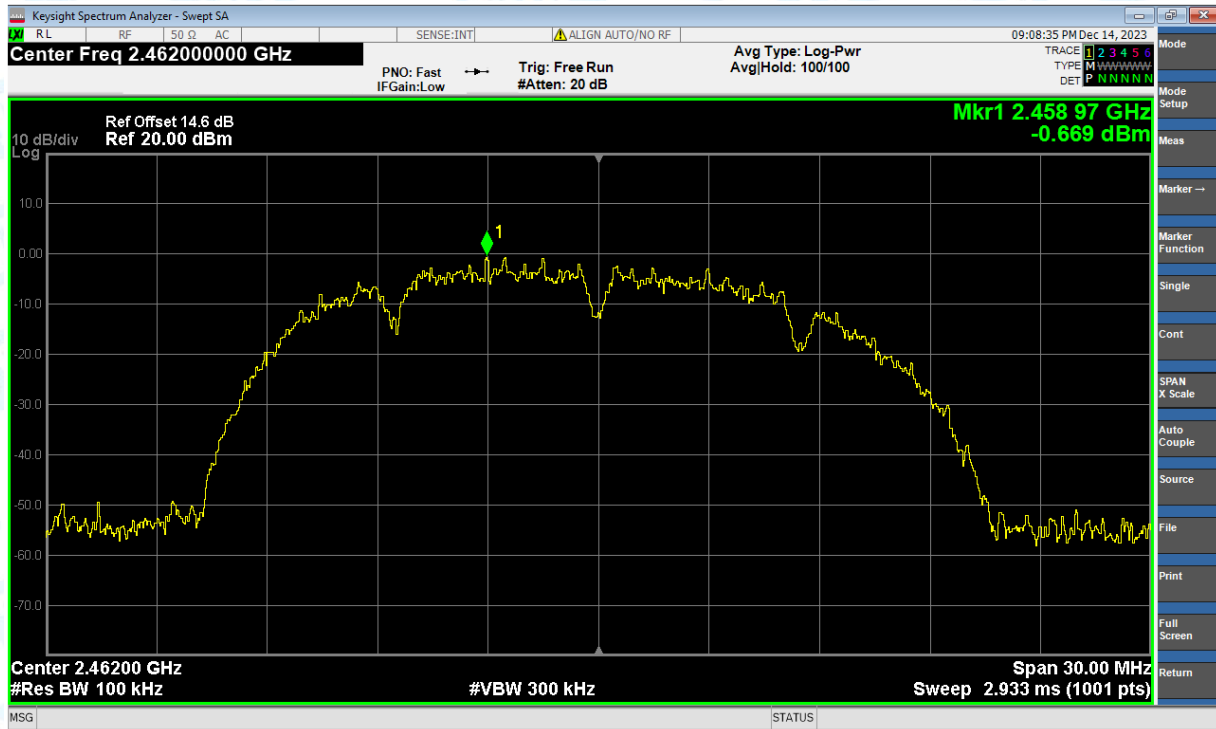
Tx. Spurious NVNT b 2437MHz Ant1 Ref



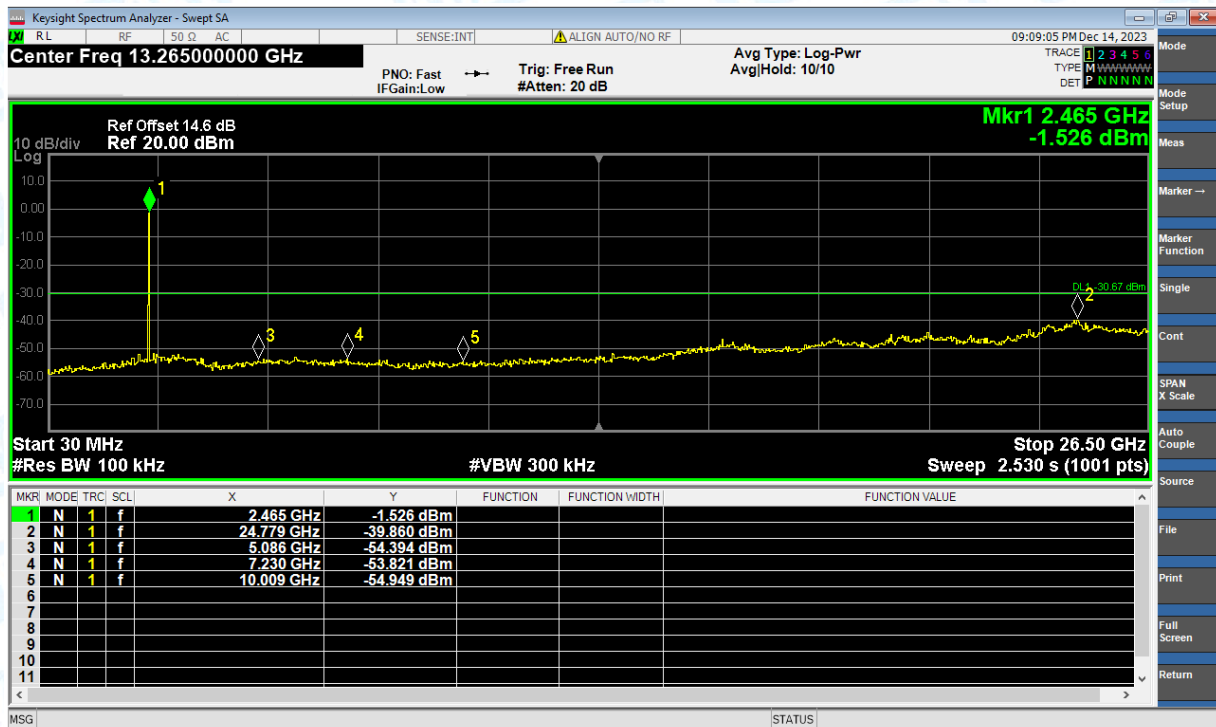
Tx. Spurious NVNT b 2437MHz Ant1 Emission



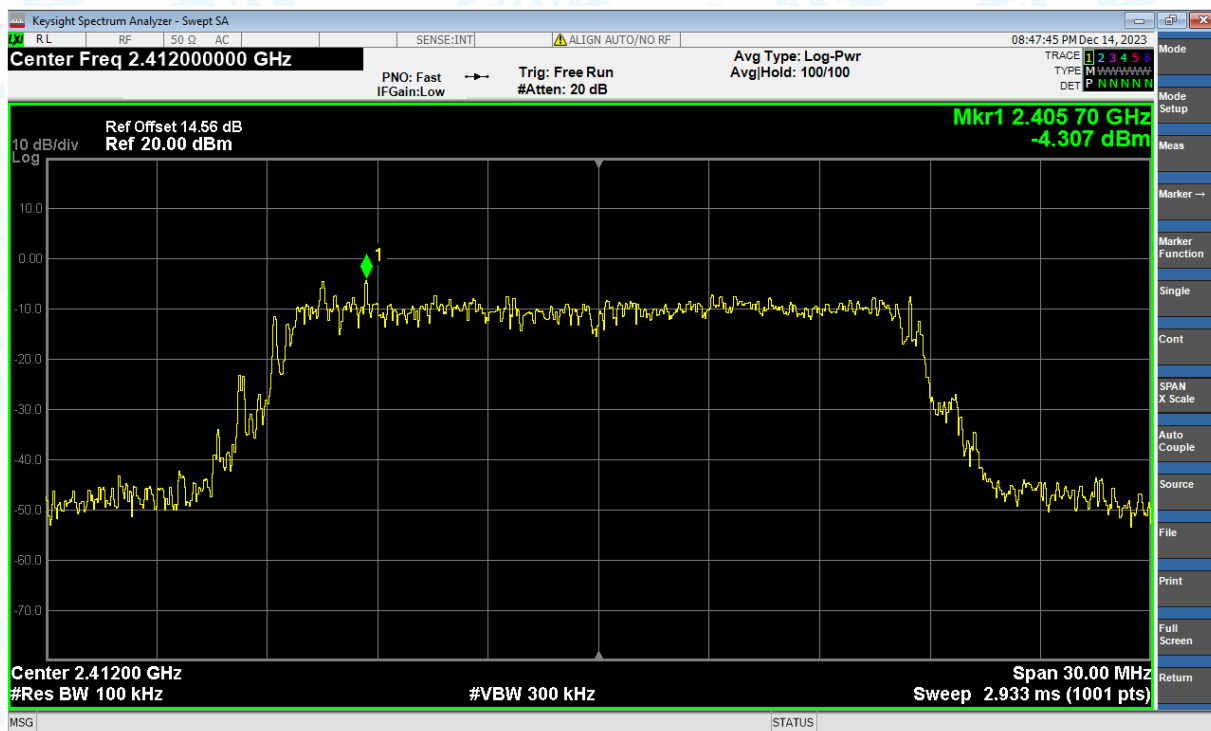
Tx. Spurious NVNT b 2462MHz Ant1 Ref



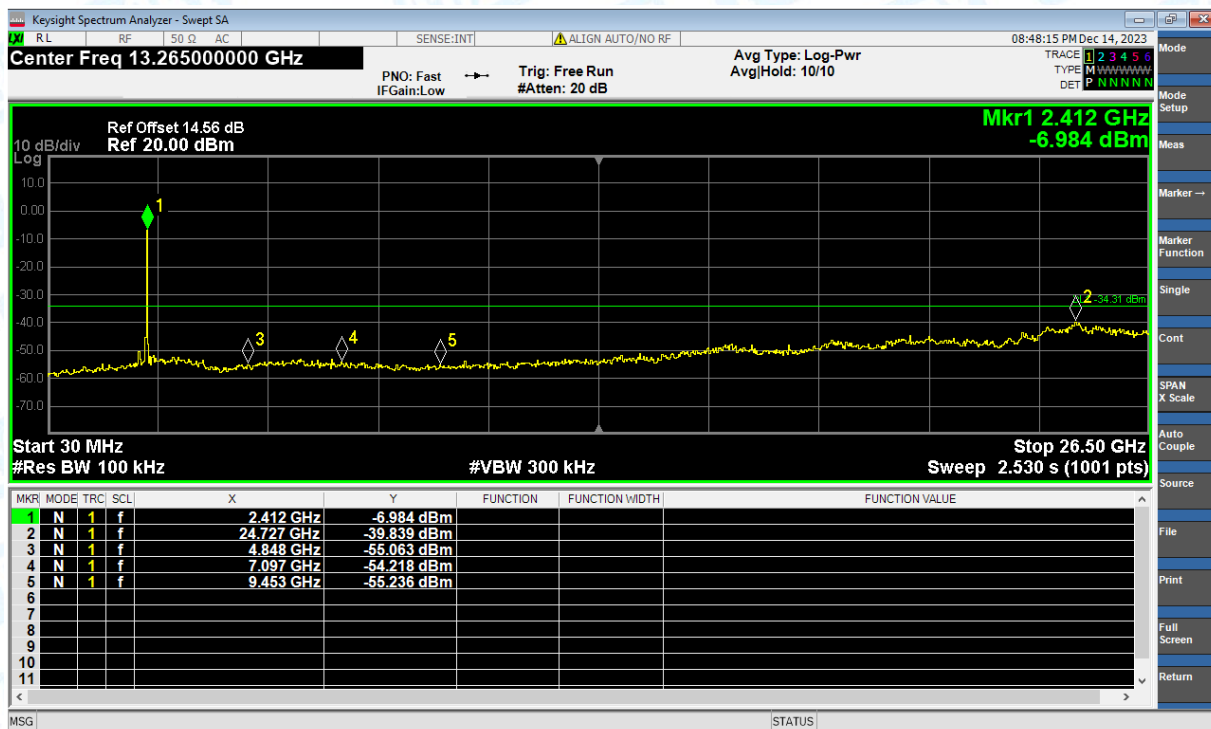
Tx. Spurious NVNT b 2462MHz Ant1 Emission



Tx. Spurious NVNT g 2412MHz Ant1 Ref



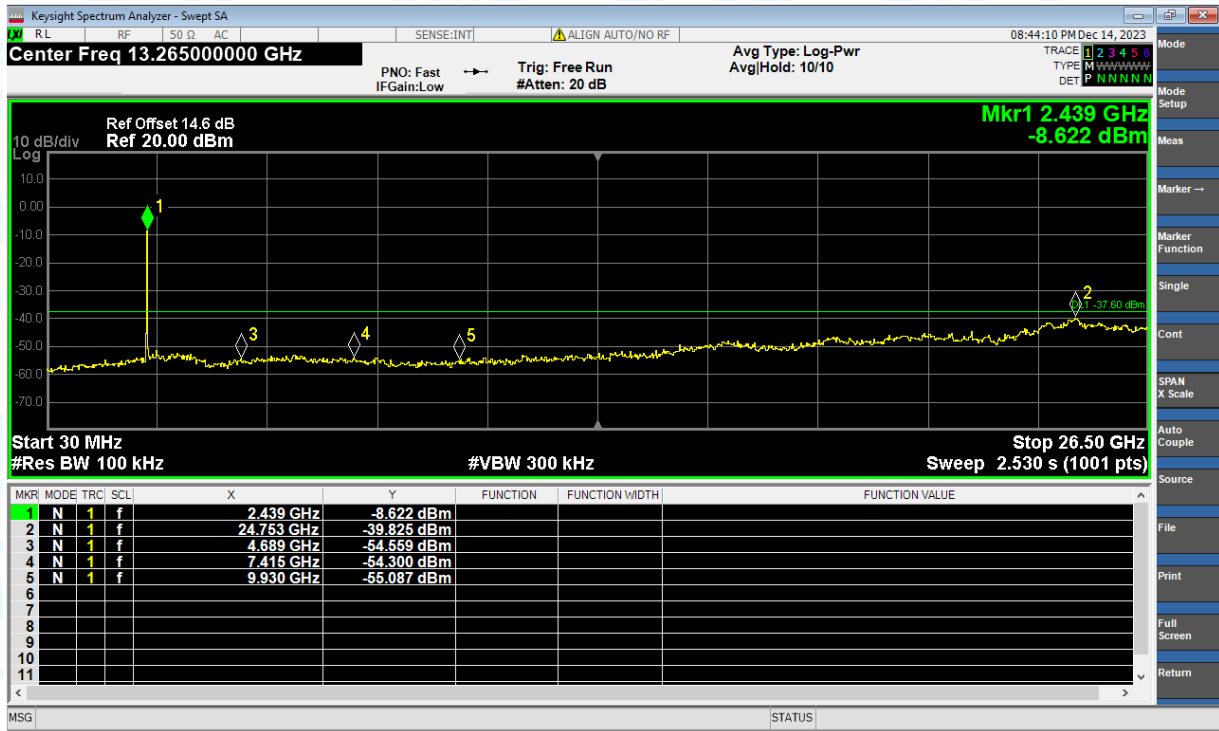
Tx. Spurious NVNT g 2412MHz Ant1 Emission



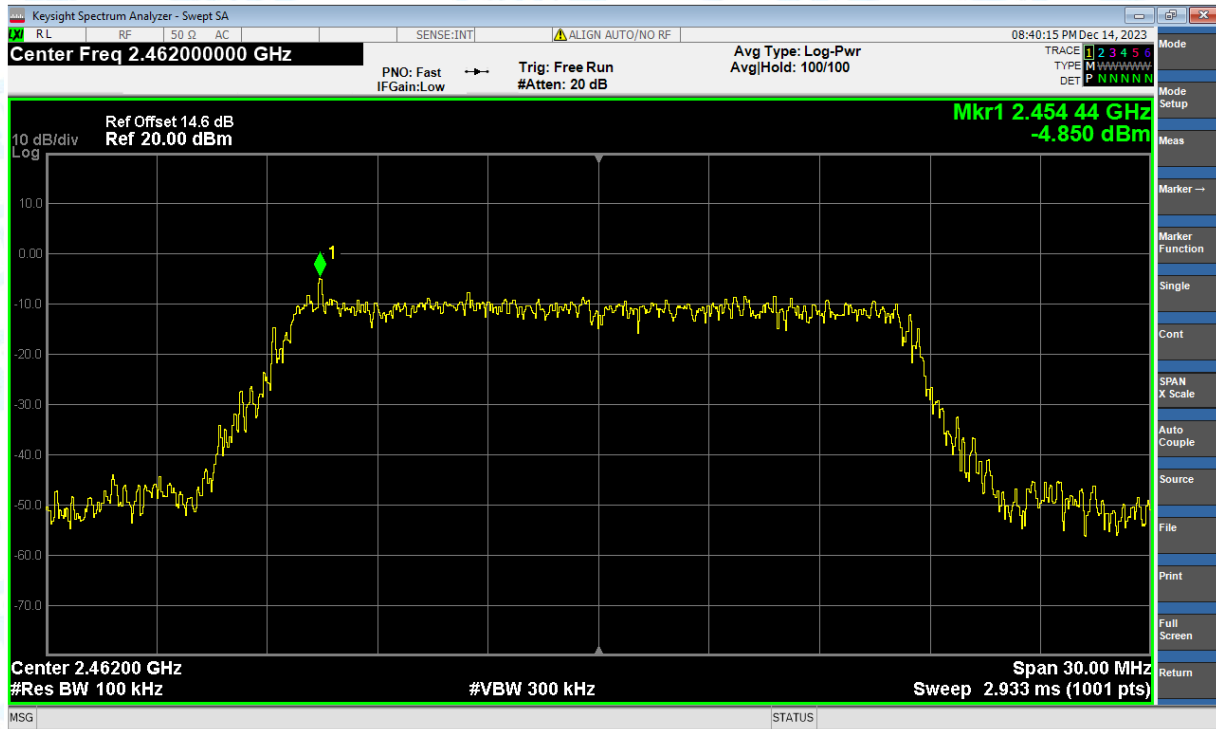
Tx. Spurious NVNT g 2437MHz Ant1 Ref



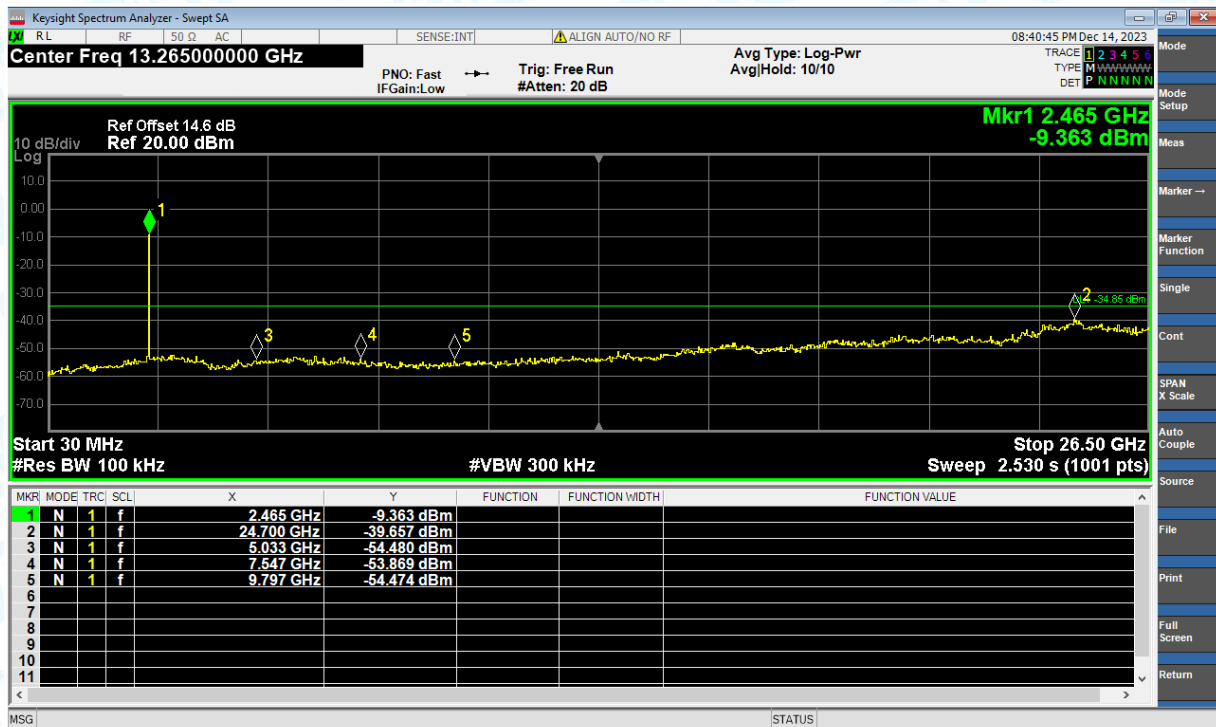
Tx. Spurious NVNT g 2437MHz Ant1 Emission



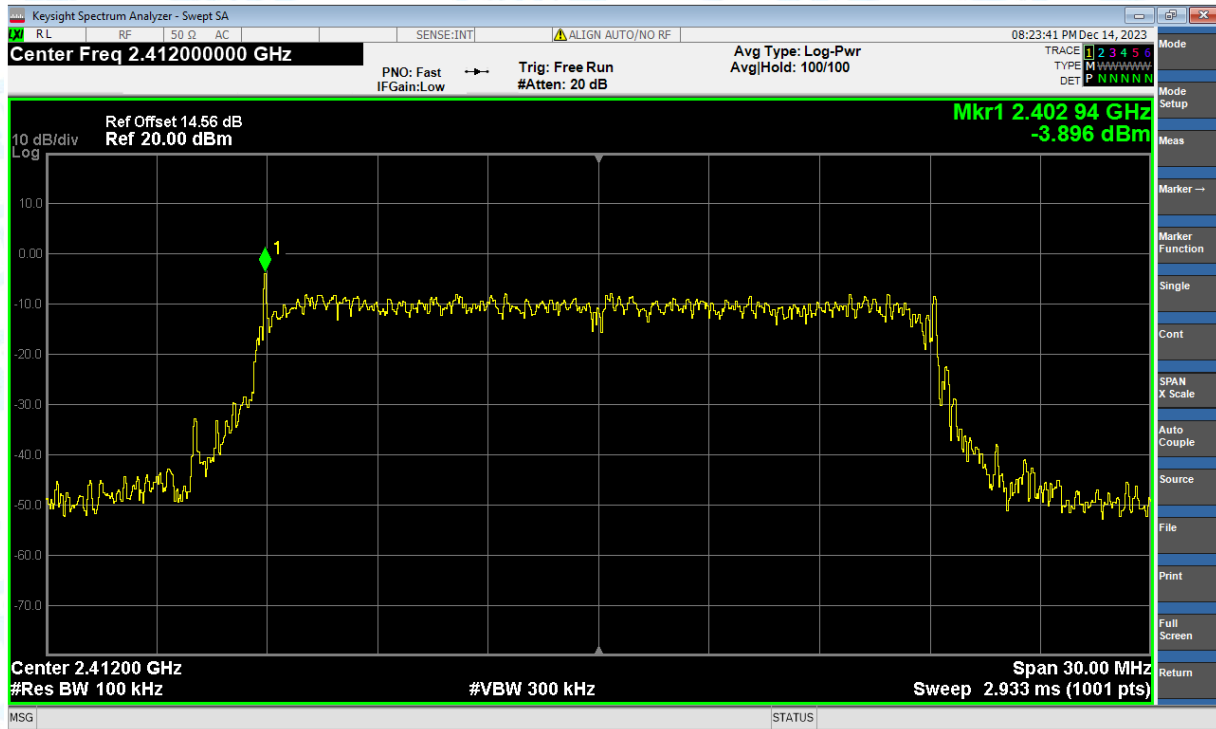
Tx. Spurious NVNT g 2462MHz Ant1 Ref



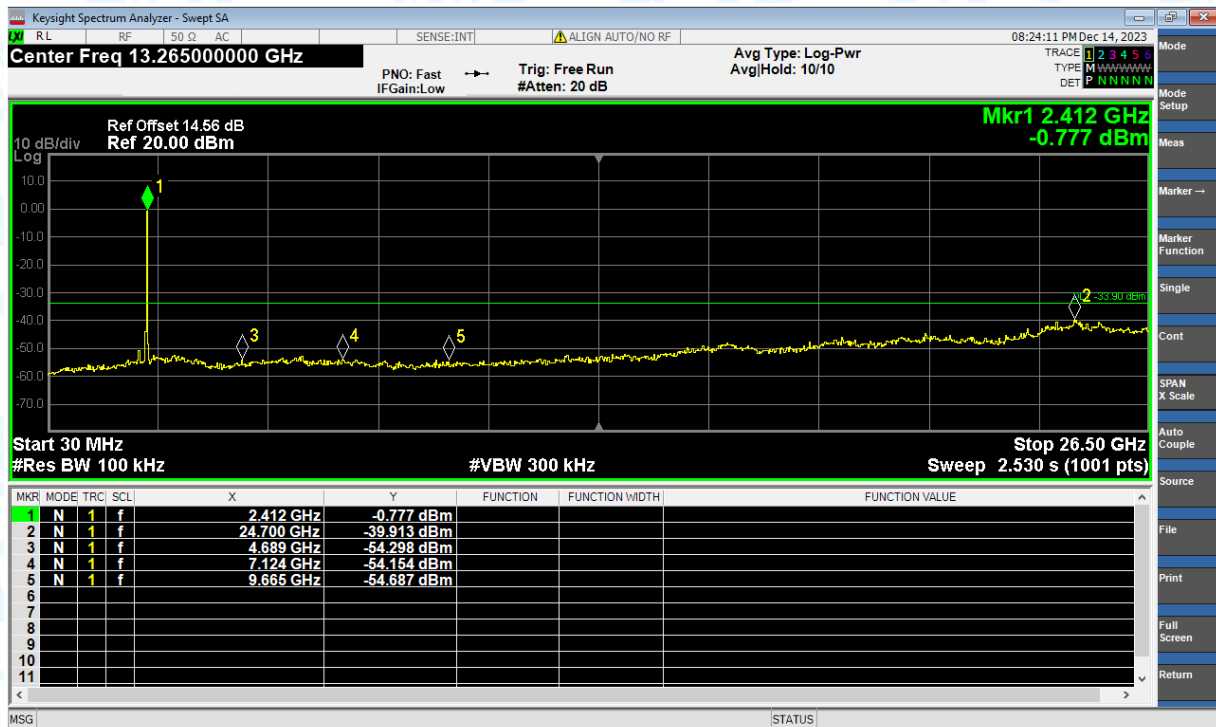
Tx. Spurious NVNT g 2462MHz Ant1 Emission



Tx. Spurious NVNT n(HT20) 2412MHz Ant1 Ref



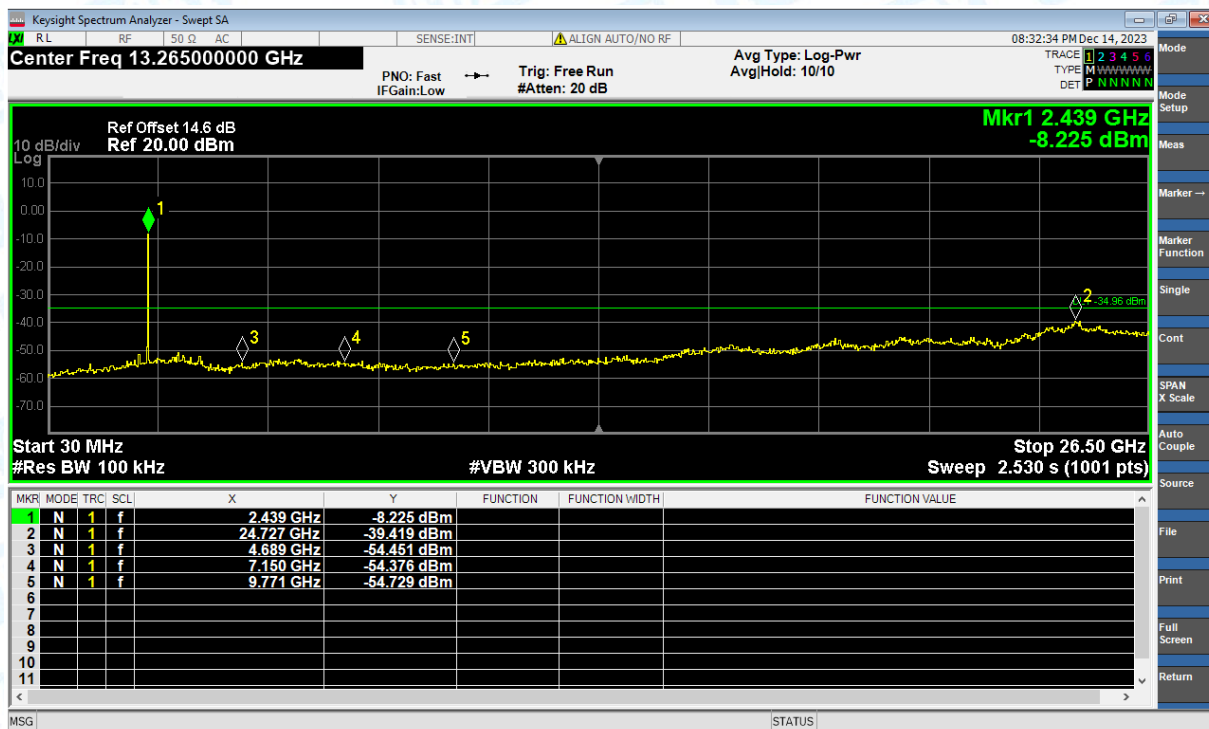
Tx. Spurious NVNT n(HT20) 2412MHz Ant1 Emission



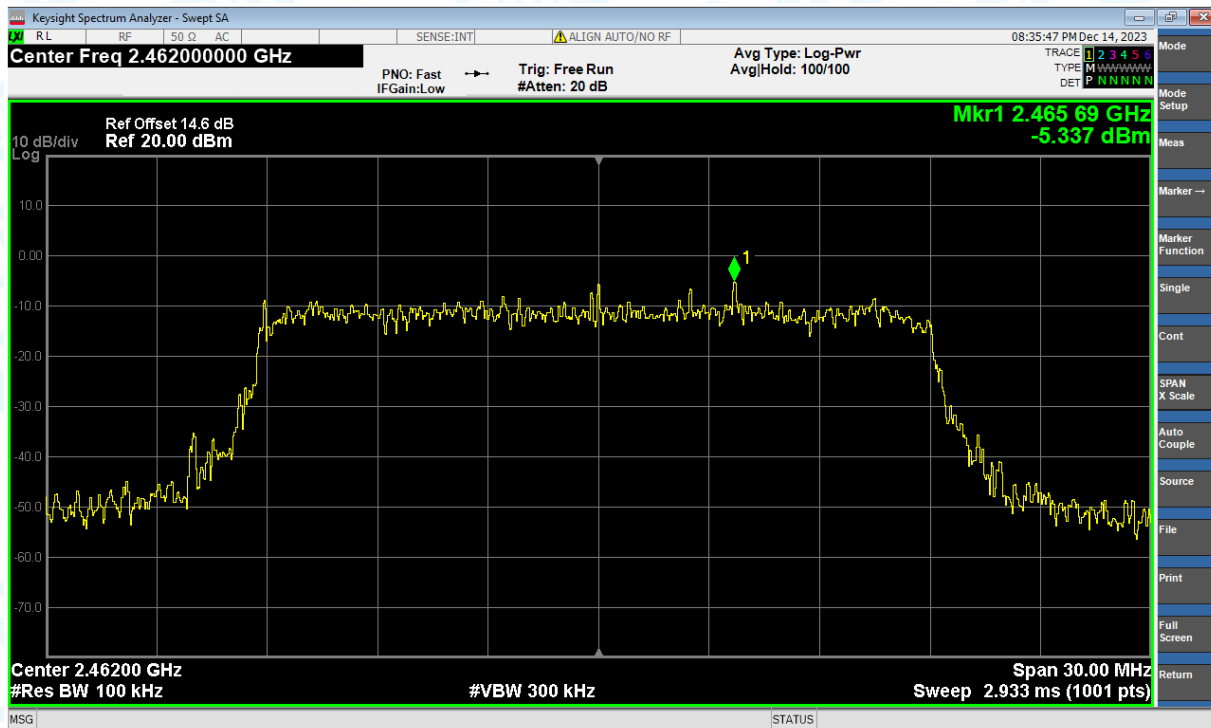
Tx. Spurious NVNT n(HT20) 2437MHz Ant1 Ref



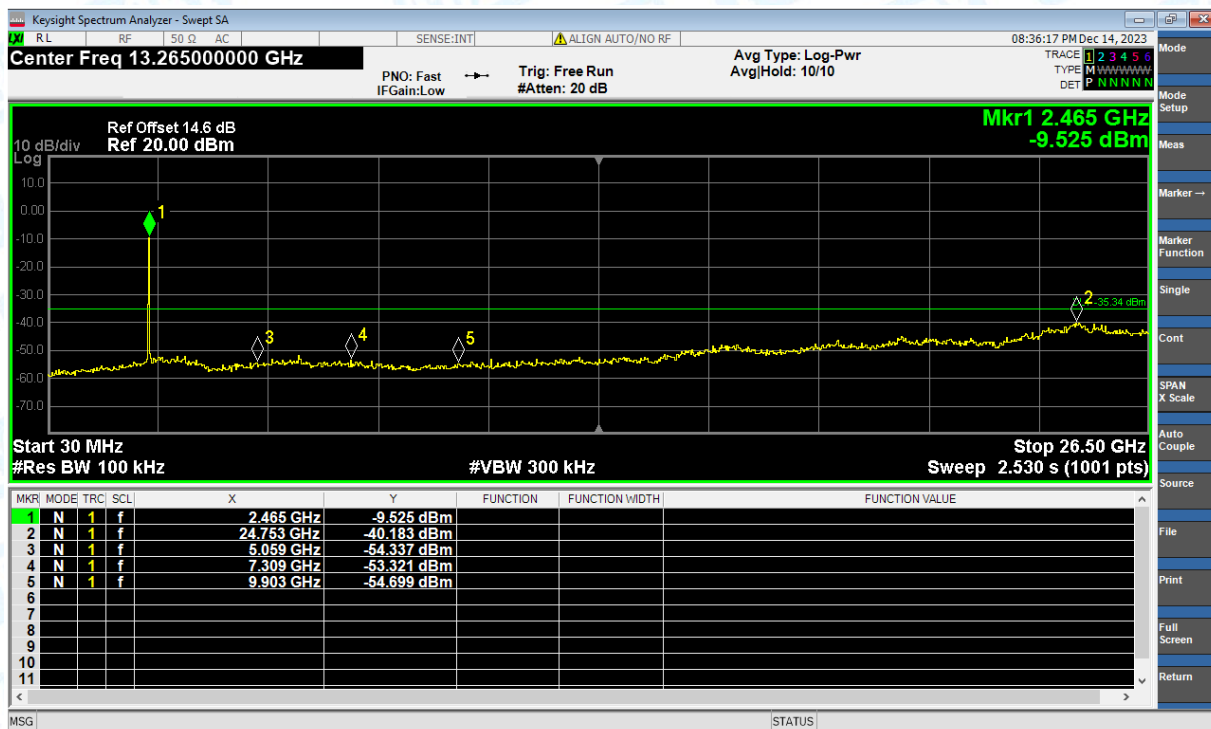
Tx. Spurious NVNT n(HT20) 2437MHz Ant1 Emission



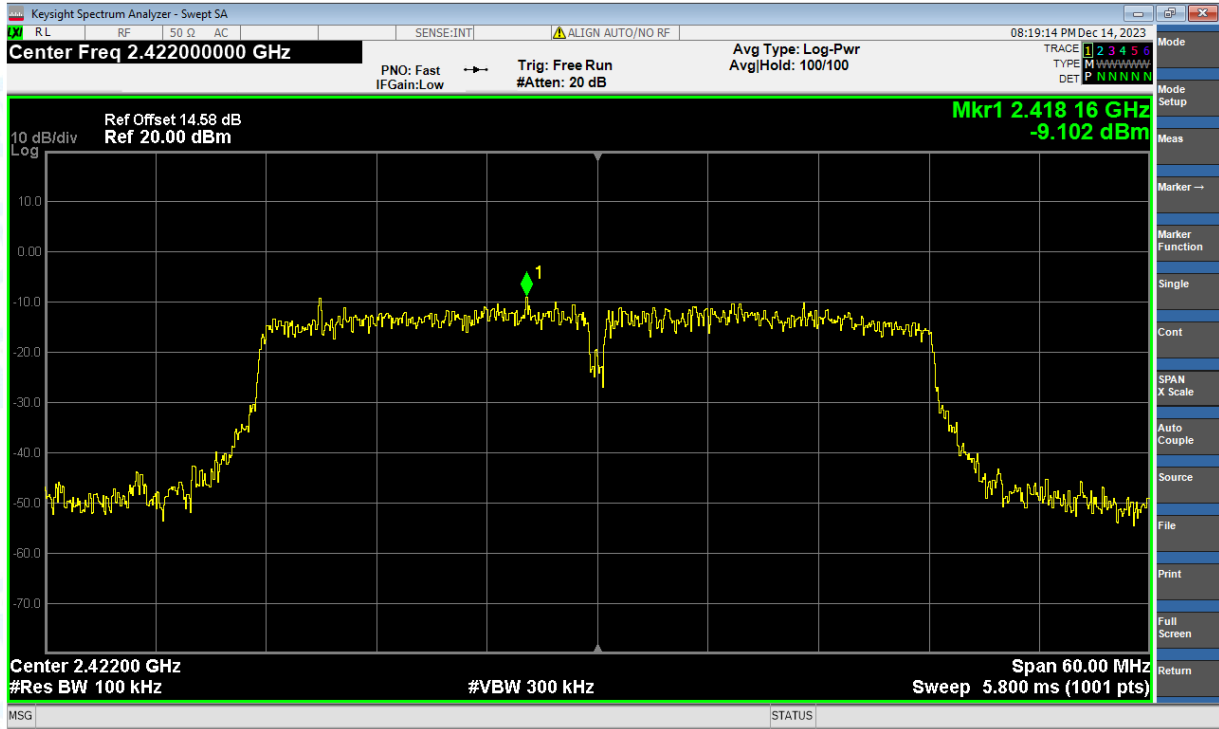
Tx. Spurious NVNT n(HT20) 2462MHz Ant1 Ref



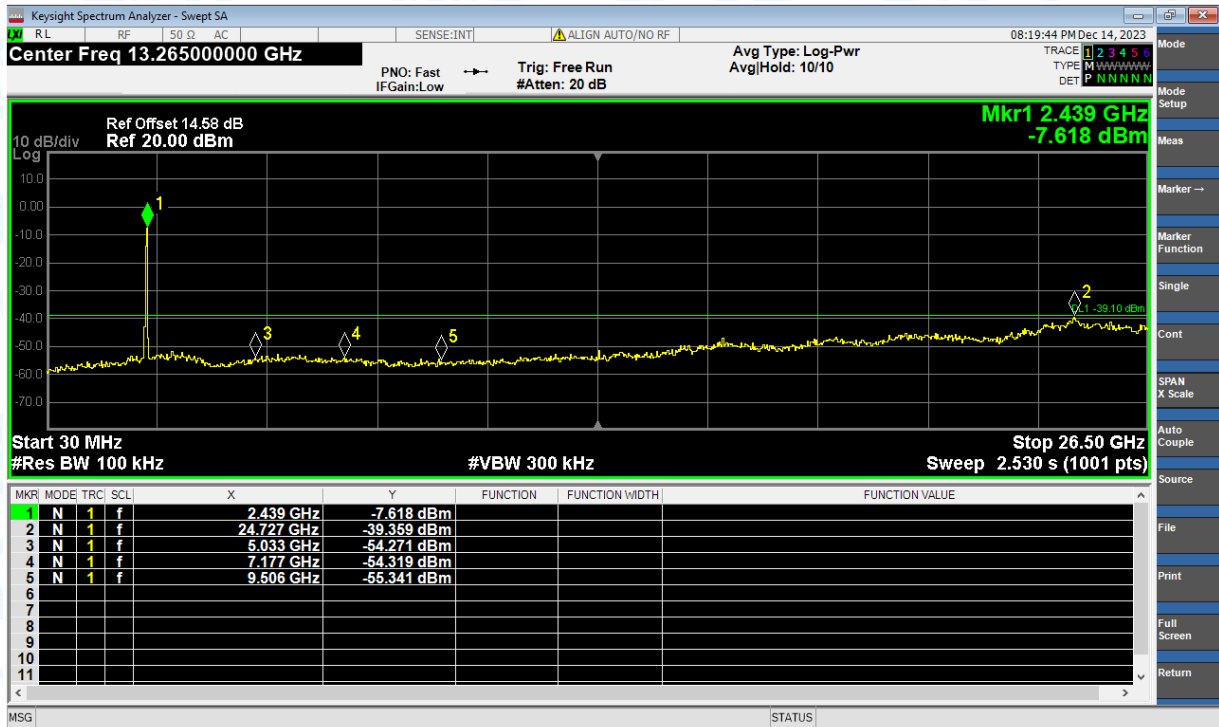
Tx. Spurious NVNT n(HT20) 2462MHz Ant1 Emission



Tx. Spurious NVNT n(HT40) 2422MHz Ant1 Ref



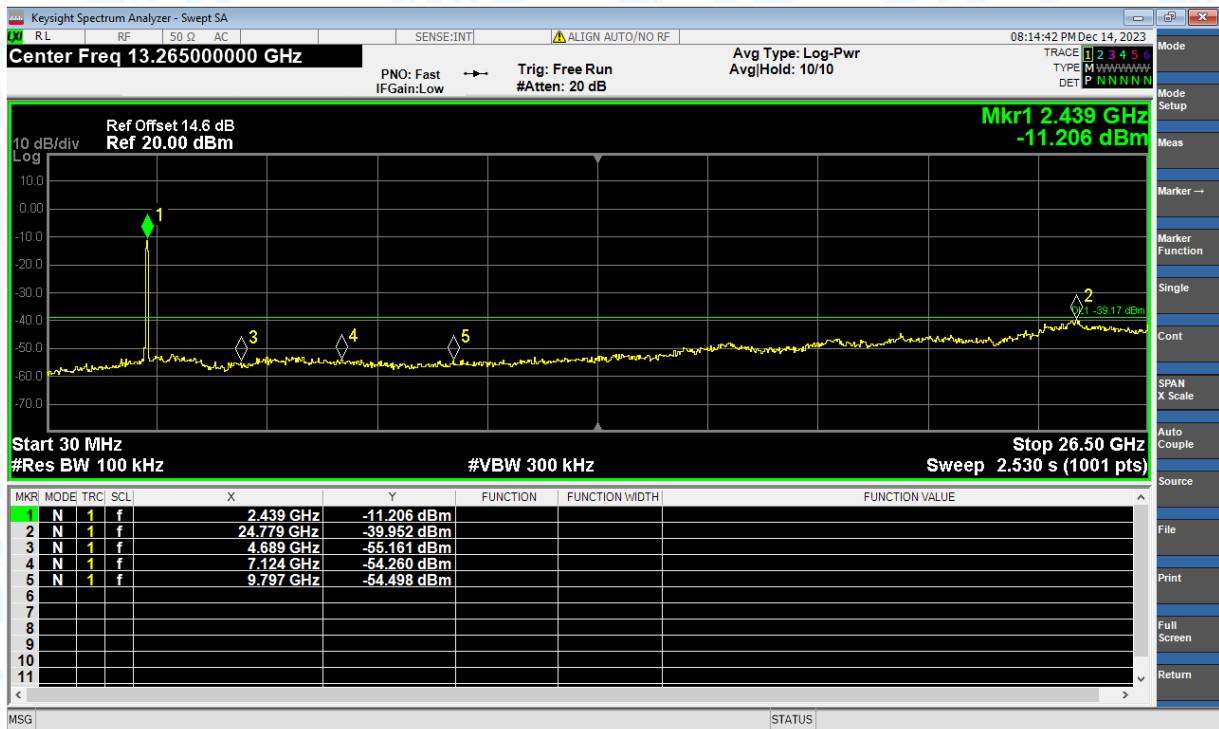
Tx. Spurious NVNT n(HT40) 2422MHz Ant1 Emission



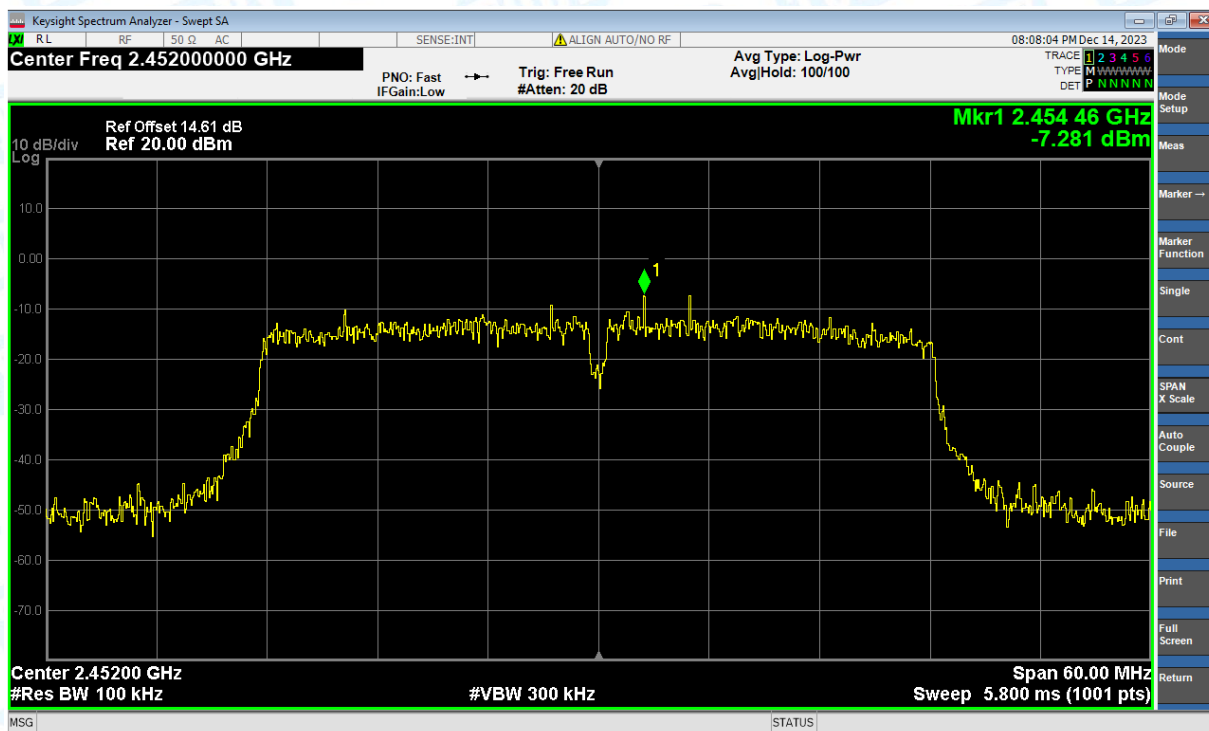
Tx. Spurious NVNT n(HT40) 2437MHz Ant1 Ref



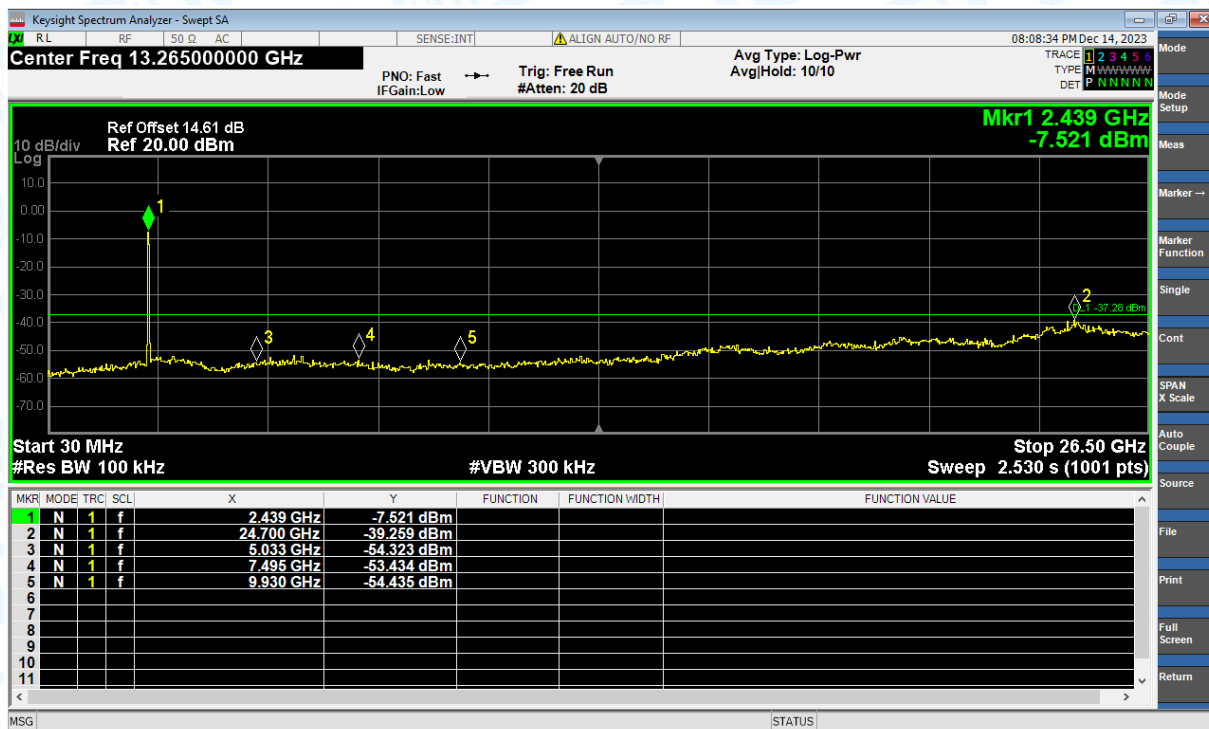
Tx. Spurious NVNT n(HT40) 2437MHz Ant1 Emission



Tx. Spurious NVNT n(HT40) 2452MHz Ant1 Ref



Tx. Spurious NVNT n(HT40) 2452MHz Ant1 Emission



## Restrict Band

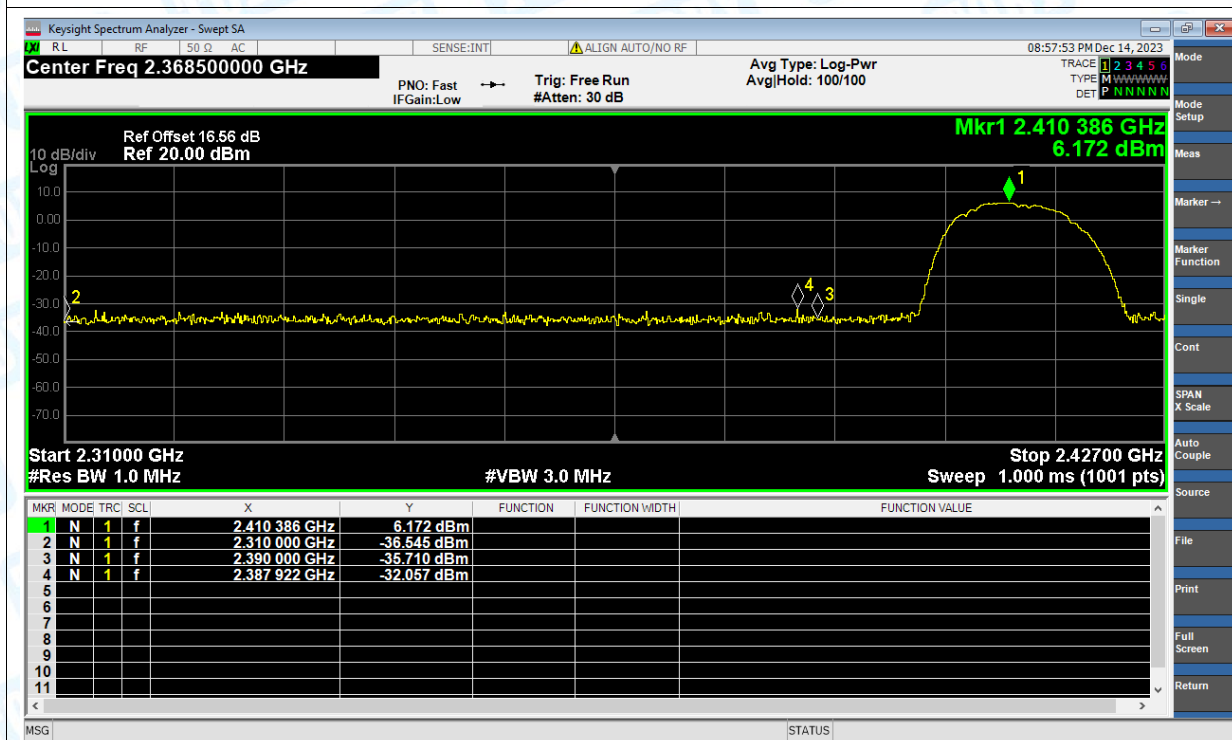
| Condition | Mode    | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|---------|-----------------|---------|-----------------|-------------|------------|------------|----------|----------------|---------|
| NVNT      | b       | 2412            | Ant1    | 2310            | -36.54      | 2          | 60.72      | Peak     | 74             | Pass    |
| NVNT      | b       | 2412            | Ant1    | 2310            | -45.65      | 2          | 51.61      | Average  | 54             | Pass    |
| NVNT      | b       | 2412            | Ant1    | 2387.922        | -32.06      | 2          | 65.2       | Peak     | 74             | Pass    |
| NVNT      | b       | 2412            | Ant1    | 2386.635        | -45.11      | 2          | 52.15      | Average  | 54             | Pass    |
| NVNT      | b       | 2412            | Ant1    | 2390            | -35.71      | 2          | 61.55      | Peak     | 74             | Pass    |
| NVNT      | b       | 2412            | Ant1    | 2390            | -45.39      | 2          | 51.87      | Average  | 54             | Pass    |
| NVNT      | b       | 2462            | Ant1    | 2483.5          | -35.5       | 2          | 61.76      | Peak     | 74             | Pass    |
| NVNT      | b       | 2462            | Ant1    | 2483.5          | -45.19      | 2          | 52.07      | Average  | 54             | Pass    |
| NVNT      | b       | 2462            | Ant1    | 2494.965        | -32.25      | 2          | 65.01      | Peak     | 74             | Pass    |
| NVNT      | b       | 2462            | Ant1    | 2499.417        | -45.13      | 2          | 52.13      | Average  | 54             | Pass    |
| NVNT      | b       | 2462            | Ant1    | 2500            | -34.95      | 2          | 62.31      | Peak     | 74             | Pass    |
| NVNT      | b       | 2462            | Ant1    | 2500            | -45.18      | 2          | 52.08      | Average  | 54             | Pass    |
| NVNT      | g       | 2412            | Ant1    | 2310            | -35.72      | 2          | 61.54      | Peak     | 74             | Pass    |
| NVNT      | g       | 2412            | Ant1    | 2310            | -45.19      | 2          | 52.07      | Average  | 54             | Pass    |
| NVNT      | g       | 2412            | Ant1    | 2343.111        | -32.62      | 2          | 64.64      | Peak     | 74             | Pass    |
| NVNT      | g       | 2412            | Ant1    | 2388.741        | -44.37      | 2          | 52.89      | Average  | 54             | Pass    |
| NVNT      | g       | 2412            | Ant1    | 2390            | -34.88      | 2          | 62.38      | Peak     | 74             | Pass    |
| NVNT      | g       | 2412            | Ant1    | 2390            | -44.48      | 2          | 52.78      | Average  | 54             | Pass    |
| NVNT      | g       | 2462            | Ant1    | 2483.5          | -35.69      | 2          | 61.57      | Peak     | 74             | Pass    |
| NVNT      | g       | 2462            | Ant1    | 2483.5          | -44.61      | 2          | 52.65      | Average  | 54             | Pass    |
| NVNT      | g       | 2462            | Ant1    | 2496.979        | -32.47      | 2          | 64.79      | Peak     | 74             | Pass    |
| NVNT      | g       | 2462            | Ant1    | 2484.365        | -44.55      | 2          | 52.71      | Average  | 54             | Pass    |
| NVNT      | g       | 2462            | Ant1    | 2500            | -35.29      | 2          | 61.97      | Peak     | 74             | Pass    |
| NVNT      | g       | 2462            | Ant1    | 2500            | -44.89      | 2          | 52.37      | Average  | 54             | Pass    |
| NVNT      | n(HT20) | 2412            | Ant1    | 2310            | -36.3       | 2          | 60.96      | Peak     | 74             | Pass    |
| NVNT      | n(HT20) | 2412            | Ant1    | 2310            | -45.18      | 2          | 52.08      | Average  | 54             | Pass    |
| NVNT      | n(HT20) | 2412            | Ant1    | 2324.274        | -33.05      | 2          | 64.21      | Peak     | 74             | Pass    |
| NVNT      | n(HT20) | 2412            | Ant1    | 2389.677        | -44.18      | 2          | 53.08      | Average  | 54             | Pass    |
| NVNT      | n(HT20) | 2412            | Ant1    | 2390            | -36.83      | 2          | 60.43      | Peak     | 74             | Pass    |
| NVNT      | n(HT20) | 2412            | Ant1    | 2390            | -44.21      | 2          | 53.05      | Average  | 54             | Pass    |
| NVNT      | n(HT20) | 2462            | Ant1    | 2483.5          | -34.34      | 2          | 62.92      | Peak     | 74             | Pass    |
| NVNT      | n(HT20) | 2462            | Ant1    | 2483.5          | -44.63      | 2          | 52.63      | Average  | 54             | Pass    |
| NVNT      | n(HT20) | 2462            | Ant1    | 2488.287        | -33.11      | 2          | 64.15      | Peak     | 74             | Pass    |
| NVNT      | n(HT20) | 2462            | Ant1    | 2483.941        | -44.38      | 2          | 52.88      | Average  | 54             | Pass    |
| NVNT      | n(HT20) | 2462            | Ant1    | 2500            | -34.74      | 2          | 62.52      | Peak     | 74             | Pass    |
| NVNT      | n(HT20) | 2462            | Ant1    | 2500            | -44.82      | 2          | 52.44      | Average  | 54             | Pass    |
| NVNT      | n(HT40) | 2422            | Ant1    | 2310            | -45.81      | 2          | 51.45      | Peak     | 74             | Pass    |
| NVNT      | n(HT40) | 2422            | Ant1    | 2310            | -54.89      | 2          | 42.37      | Average  | 54             | Pass    |
| NVNT      | n(HT40) | 2422            | Ant1    | 2388.952        | -36.14      | 2          | 61.12      | Peak     | 74             | Pass    |
| NVNT      | n(HT40) | 2422            | Ant1    | 2389.804        | -45.85      | 2          | 51.41      | Average  | 54             | Pass    |
| NVNT      | n(HT40) | 2422            | Ant1    | 2390            | -41.05      | 2          | 56.21      | Peak     | 74             | Pass    |
| NVNT      | n(HT40) | 2422            | Ant1    | 2390            | -46.26      | 2          | 51         | Average  | 54             | Pass    |

|      |         |      |      |          |        |   |       |         |    |      |
|------|---------|------|------|----------|--------|---|-------|---------|----|------|
| NVNT | n(HT40) | 2452 | Ant1 | 2483.5   | -38.03 | 2 | 59.23 | Peak    | 74 | Pass |
| NVNT | n(HT40) | 2452 | Ant1 | 2483.5   | -47.5  | 2 | 49.76 | Average | 54 | Pass |
| NVNT | n(HT40) | 2452 | Ant1 | 2484.01  | -37.37 | 2 | 59.89 | Peak    | 74 | Pass |
| NVNT | n(HT40) | 2452 | Ant1 | 2483.542 | -47.5  | 2 | 49.76 | Average | 54 | Pass |
| NVNT | n(HT40) | 2452 | Ant1 | 2500     | -45.48 | 2 | 51.78 | Peak    | 74 | Pass |
| NVNT | n(HT40) | 2452 | Ant1 | 2500     | -53.21 | 2 | 44.05 | Average | 54 | Pass |

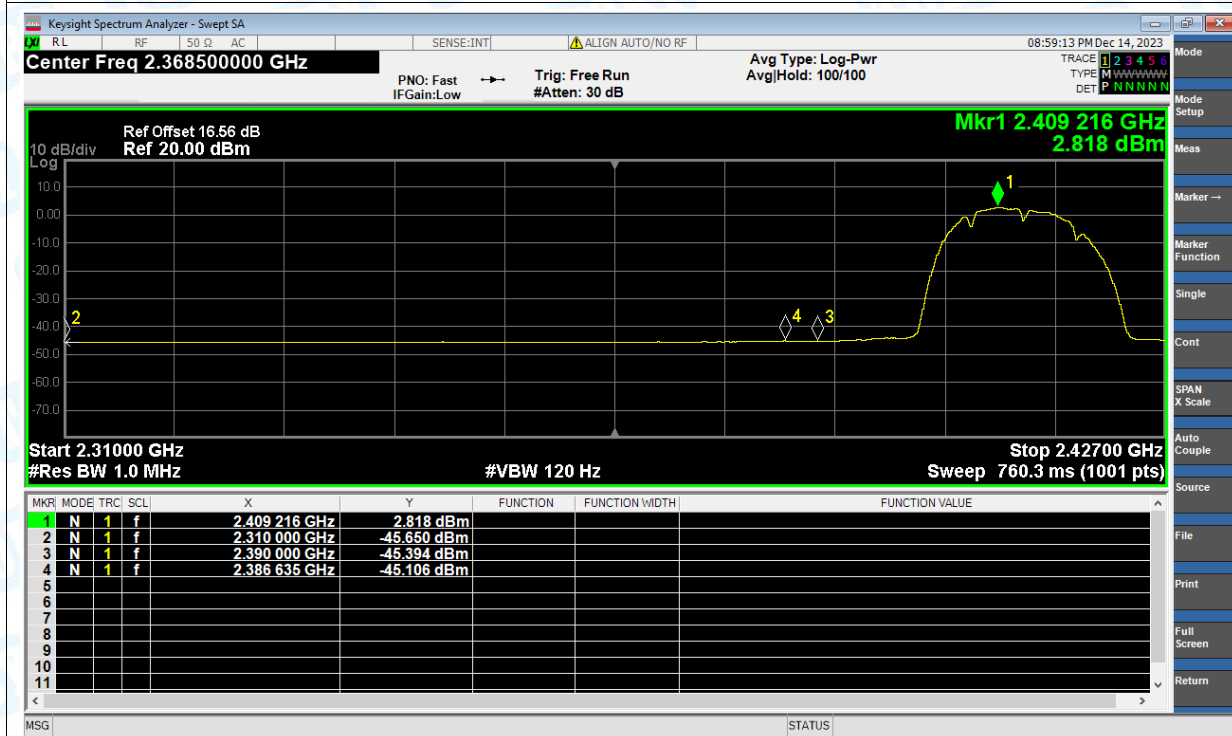
Note: The Duty Cycle Factor is compensated in the graph.

## Test Graphs

### Restrict Band NVNT b 2412MHz Ant1 Peak



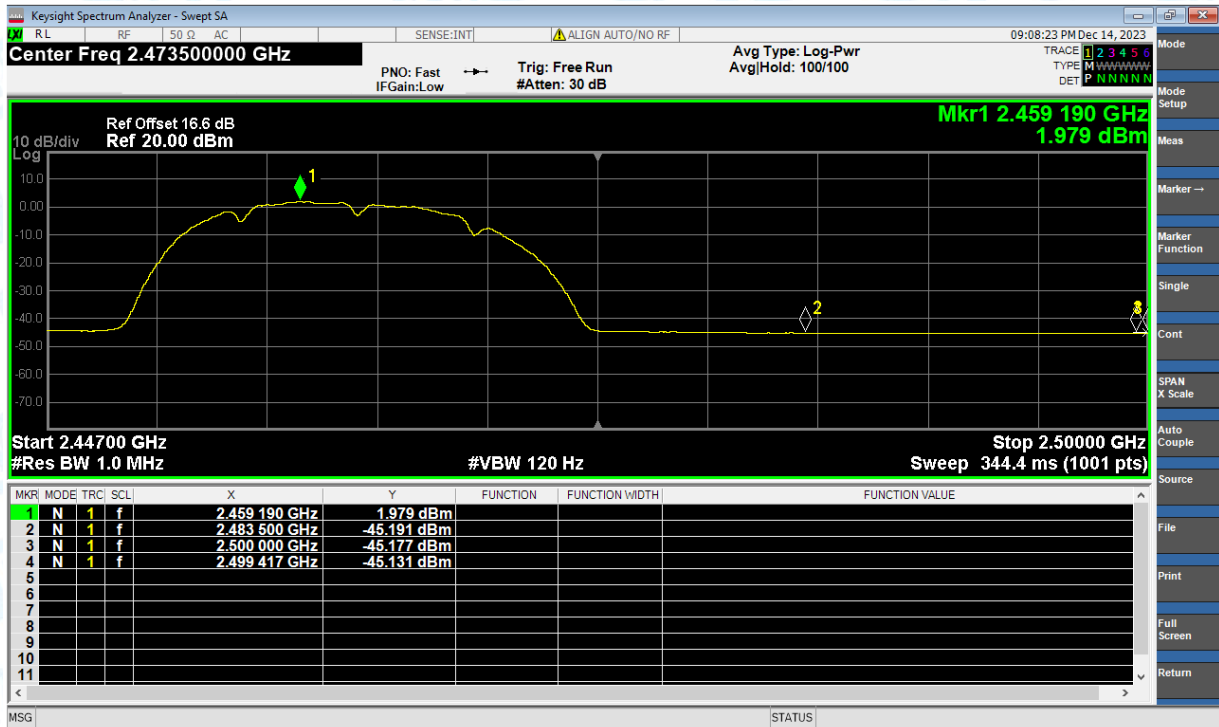
### Restrict Band NVNT b 2412MHz Ant1 Average



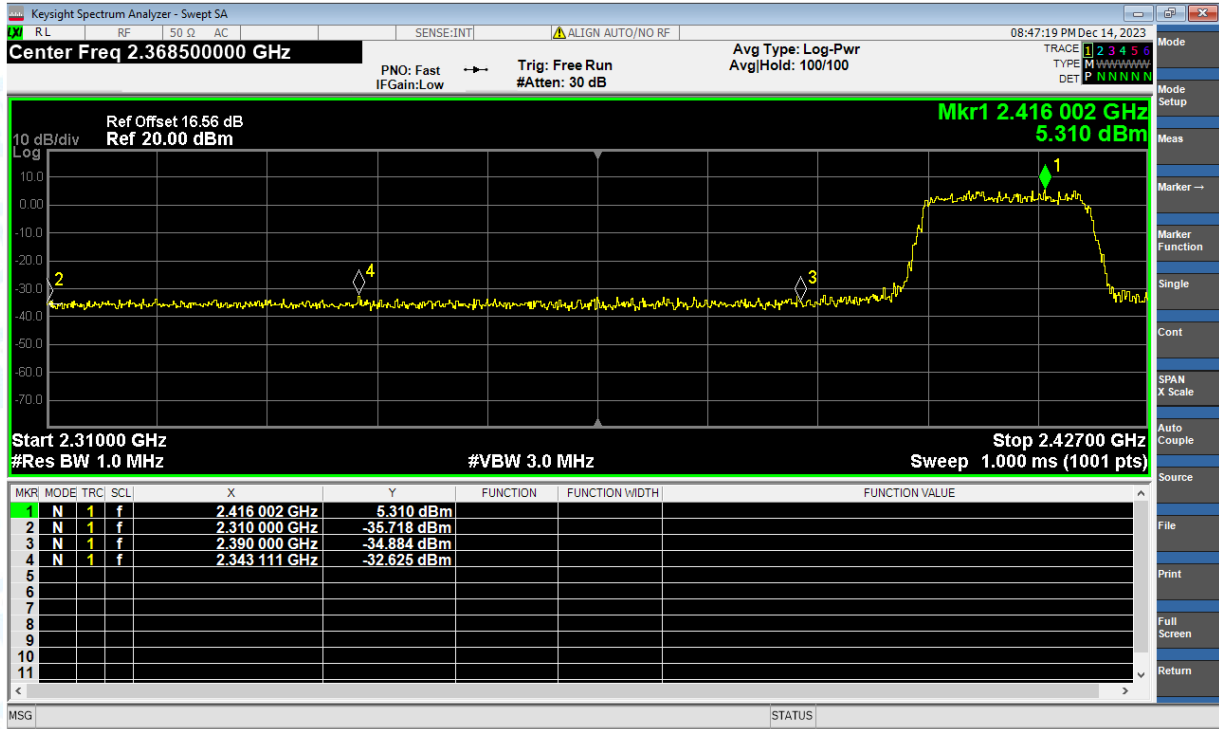
### Restrict Band NVNT b 2462MHz Ant1 Peak



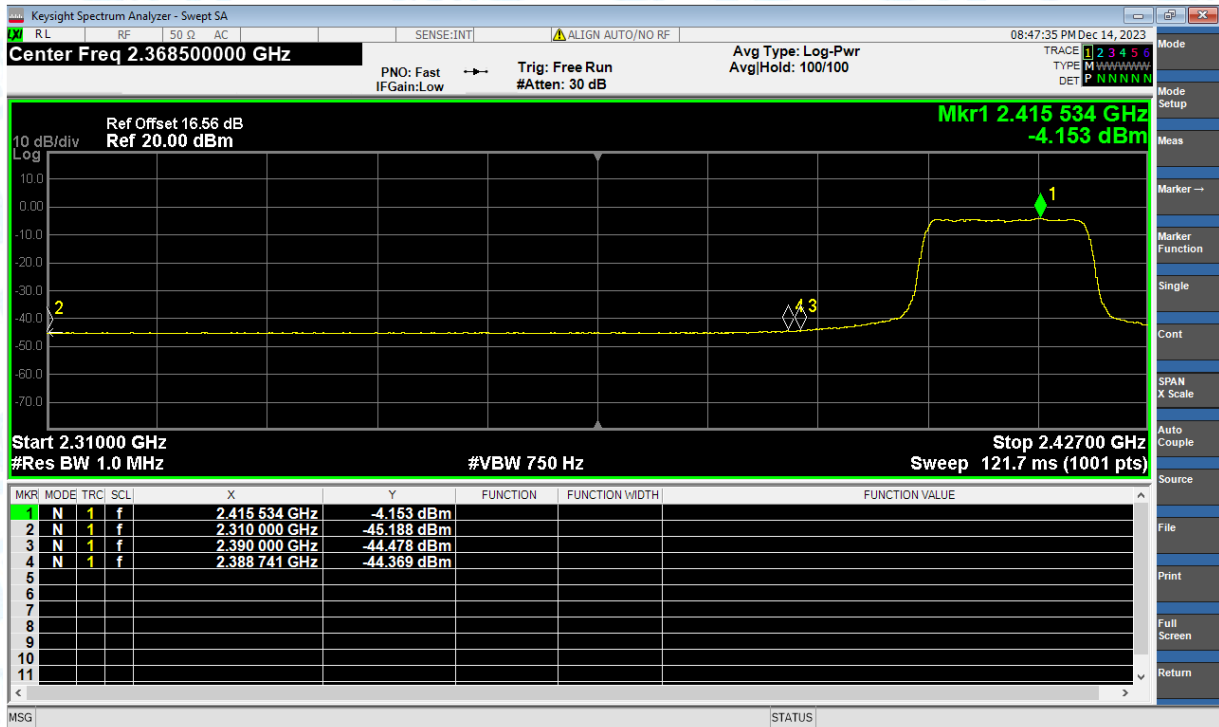
### Restrict Band NVNT b 2462MHz Ant1 Average



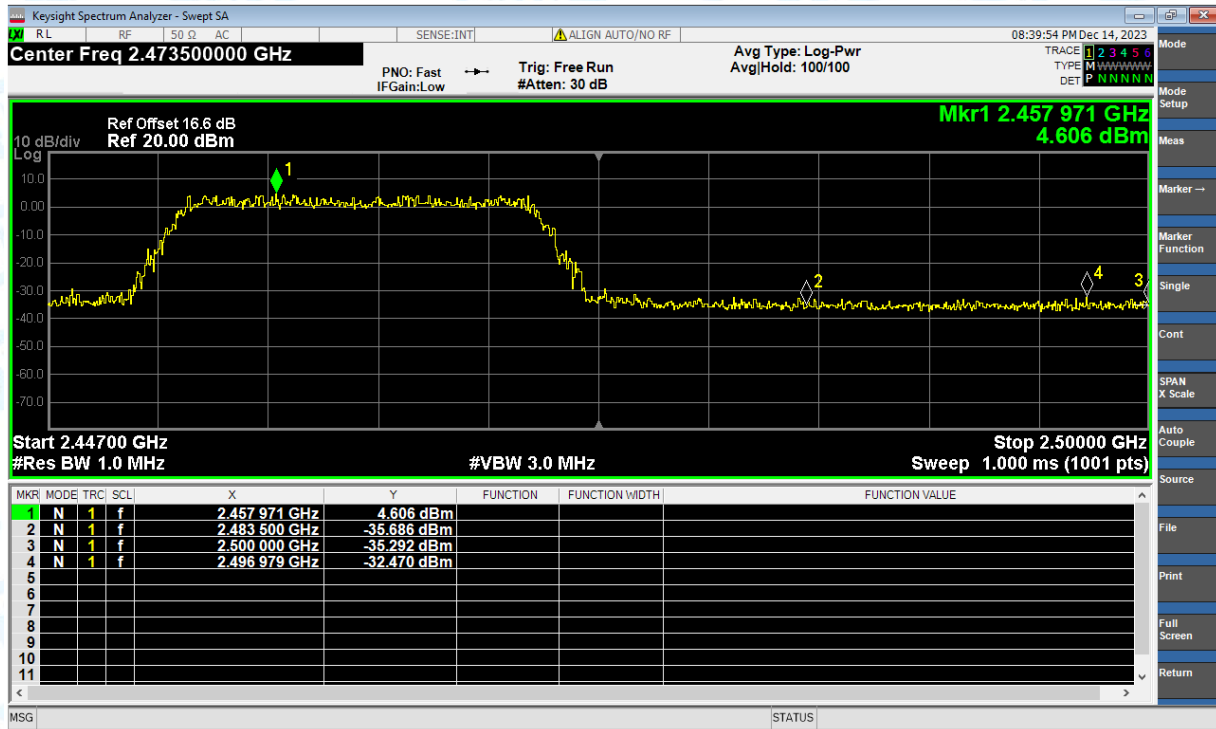
### Restrict Band NVNT g 2412MHz Ant1 Peak



### Restrict Band NVNT g 2412MHz Ant1 Average



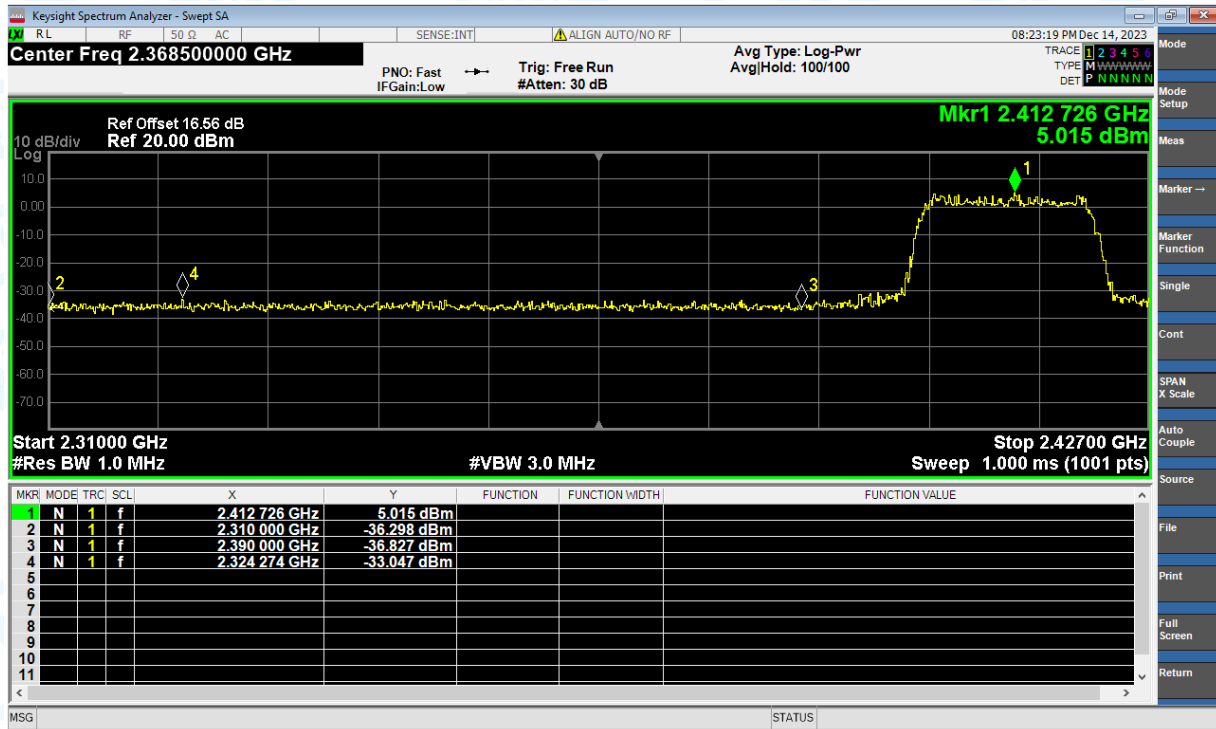
### Restrict Band NVNT g 2462MHz Ant1 Peak



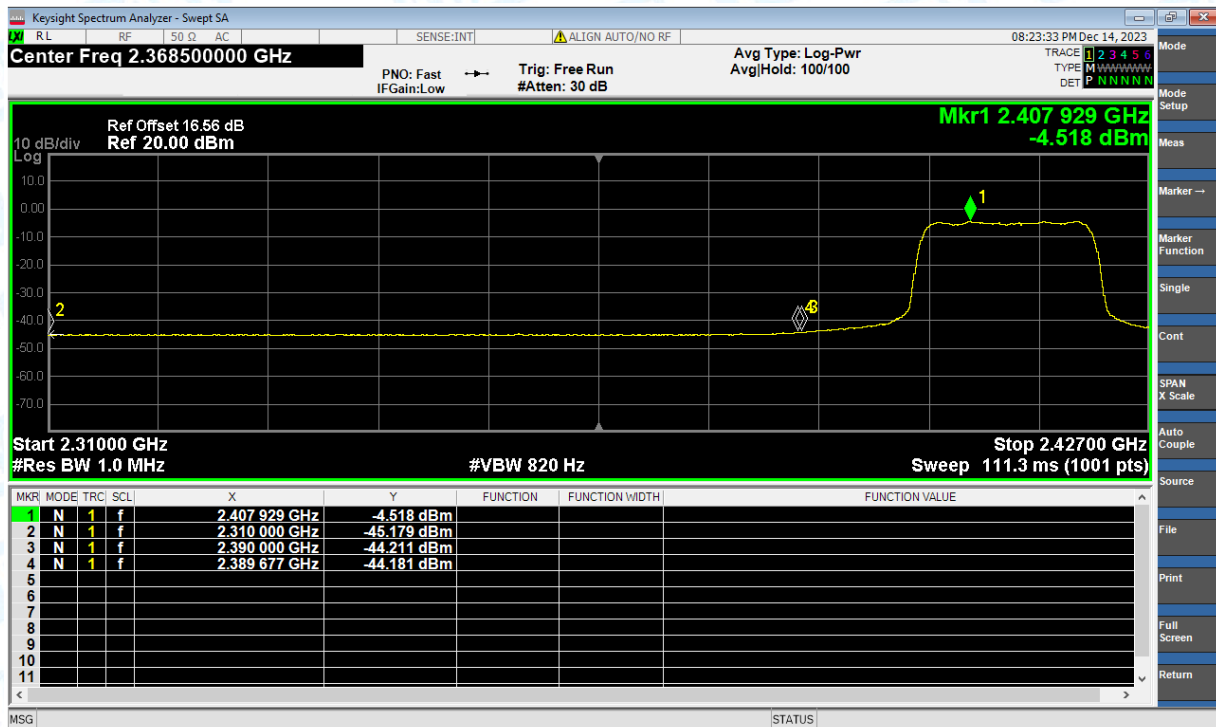
### Restrict Band NVNT g 2462MHz Ant1 Average



### Restrict Band NVNT n(HT20) 2412MHz Ant1 Peak



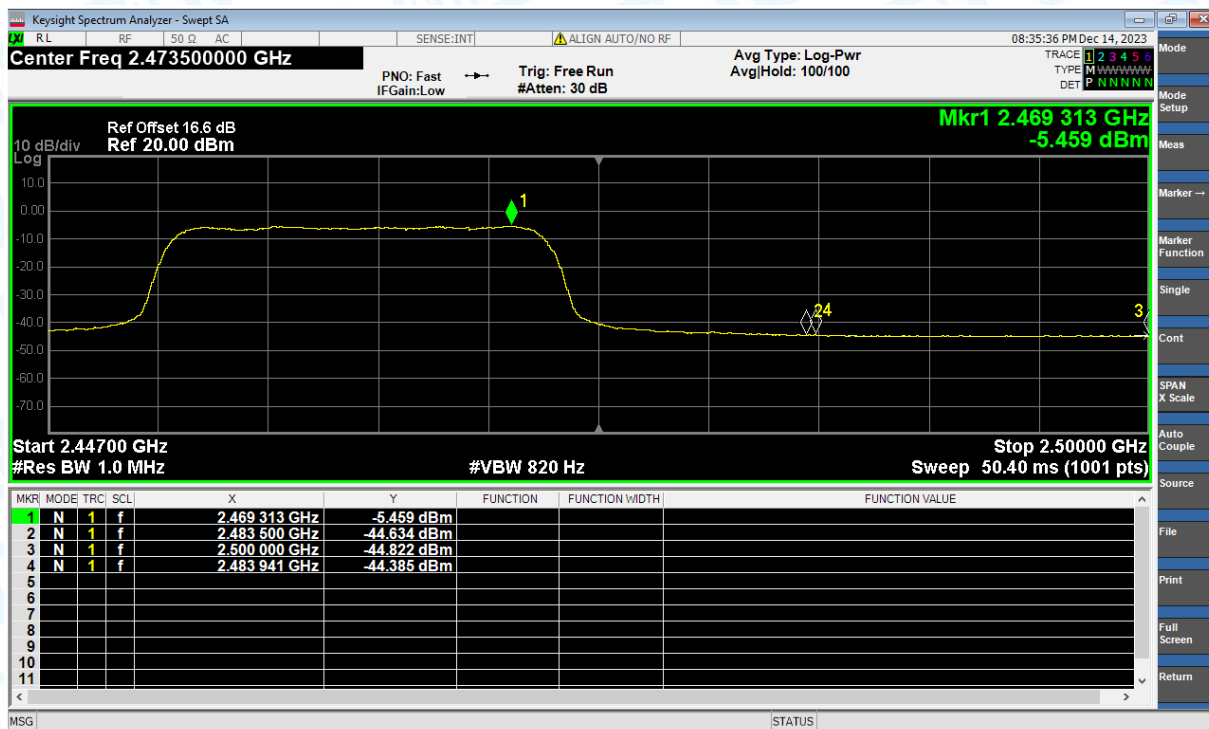
### Restrict Band NVNT n(HT20) 2412MHz Ant1 Average



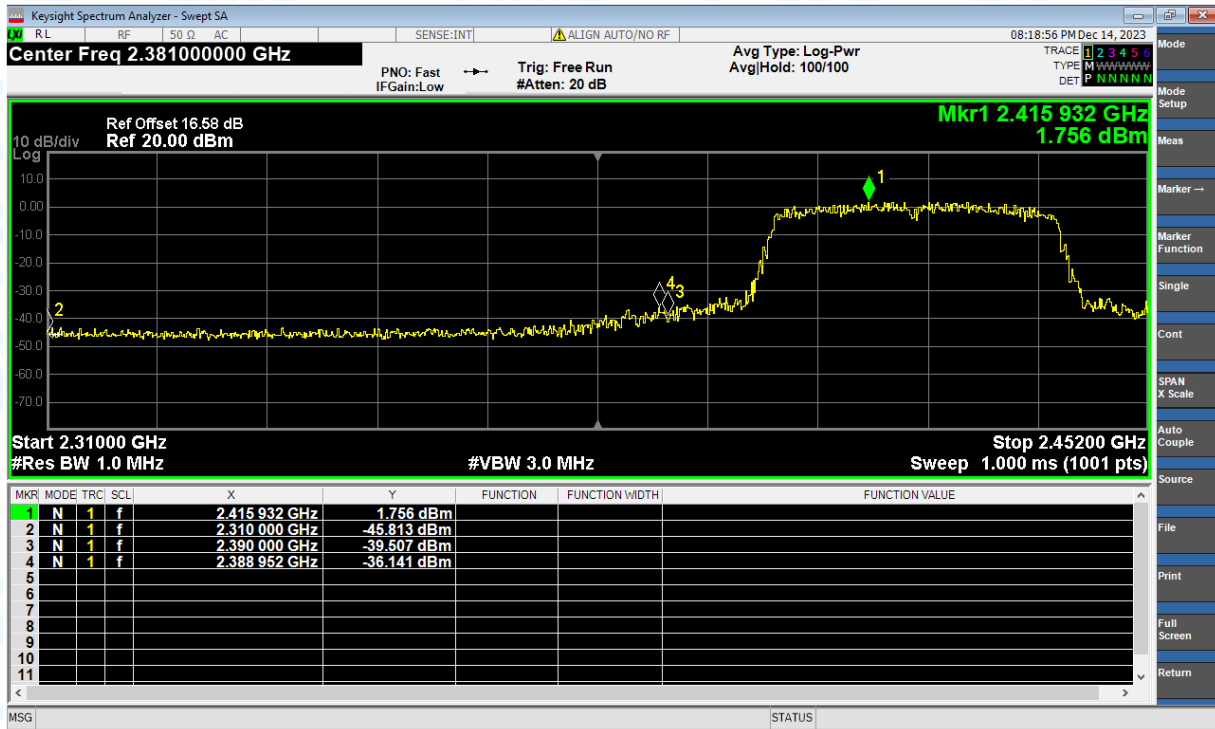
### Restrict Band NVNT n(HT20) 2462MHz Ant1 Peak



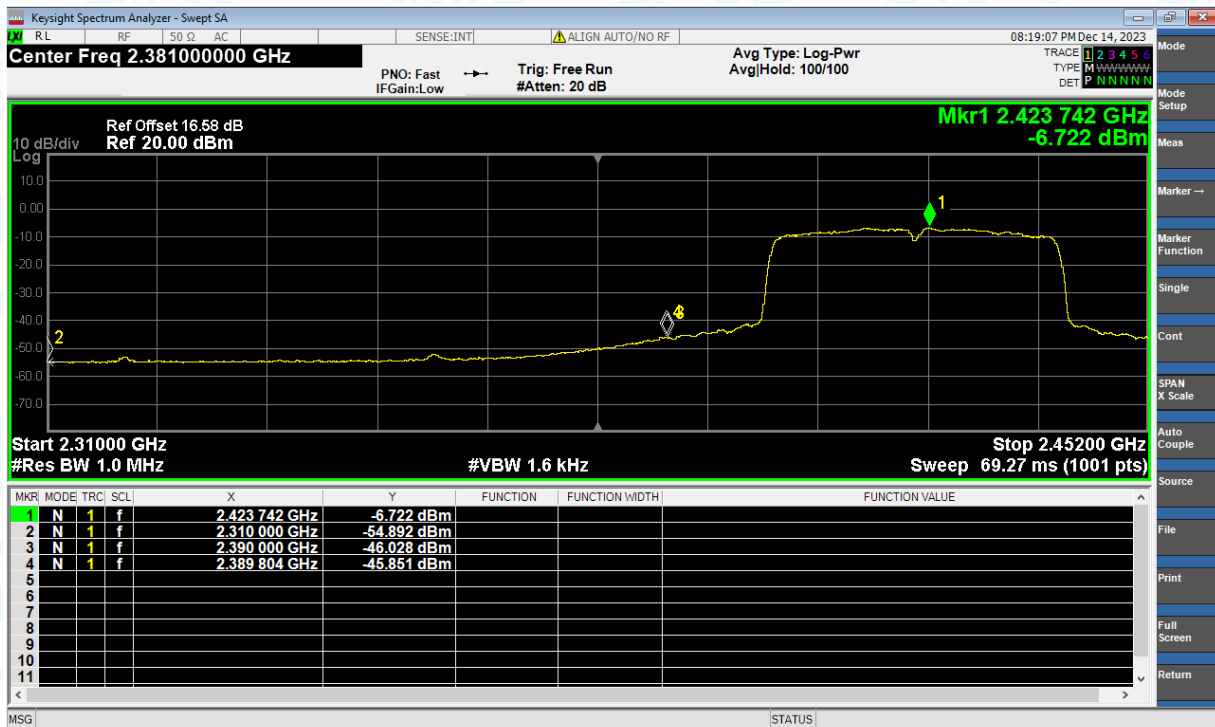
### Restrict Band NVNT n(HT20) 2462MHz Ant1 Average



### Restrict Band NVNT n(HT40) 2422MHz Ant1 Peak



### Restrict Band NVNT n(HT40) 2422MHz Ant1 Average



### Restrict Band NVNT n(HT40) 2452MHz Ant1 Peak



### Restrict Band NVNT n(HT40) 2452MHz Ant1 Average

