

## Appendix A for 2.4GWIFI Test Data

Product Name: Notebook

Test Model:A14

### Environmental Conditions

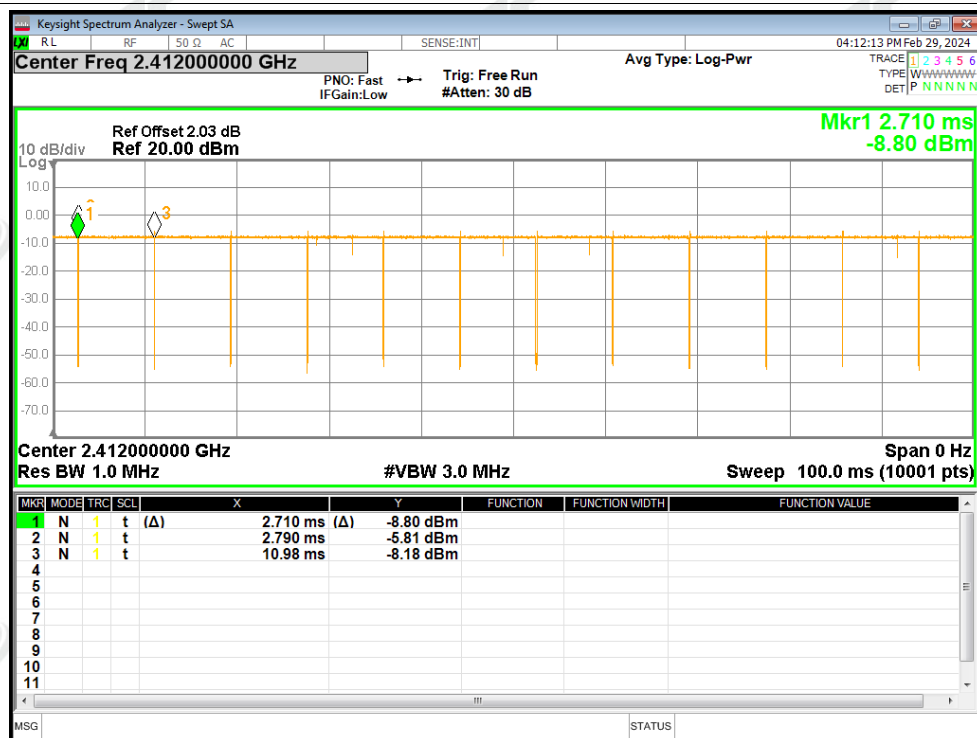
|                    |           |
|--------------------|-----------|
| Temperature:       | 23.8℃     |
| Relative Humidity: | 52%       |
| ATM Pressure:      | 101.0 kPa |
| Test Engineer:     | Leon Li   |
| Supervised by:     | Baret Wu  |

**A1.Duty Cycle**

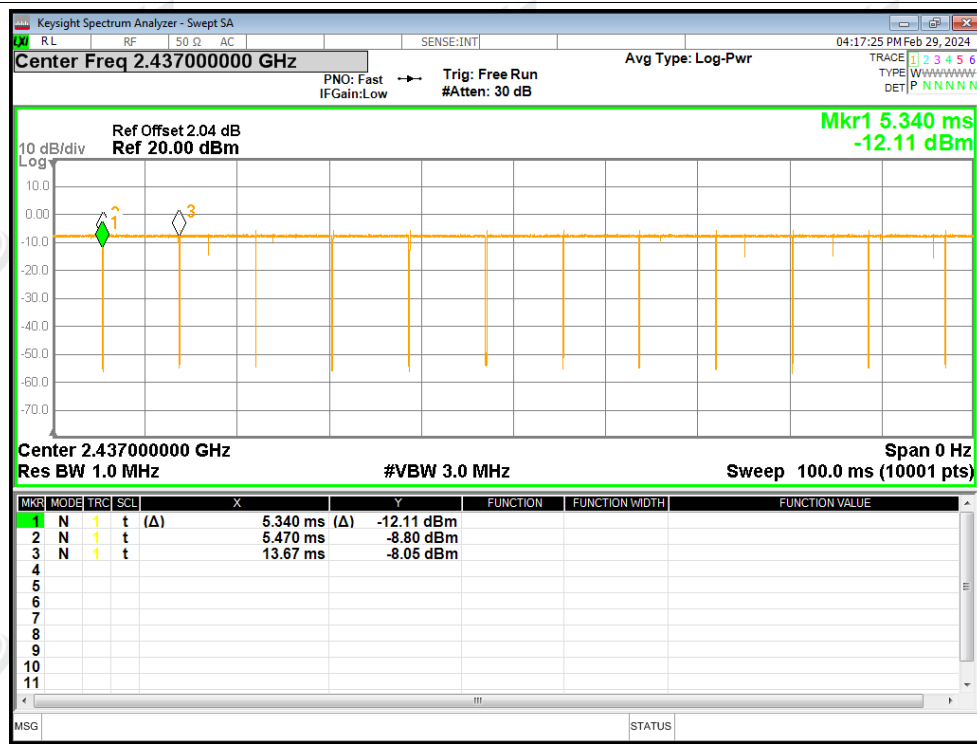
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|---------|----------------|------------------------|
| NVNT      | b    | 2412            | Ant1    | 99.03          | 0                      |
| NVNT      | b    | 2437            | Ant1    | 98.44          | 0                      |
| NVNT      | b    | 2462            | Ant1    | 98.68          | 0                      |
| NVNT      | b    | 2412            | Ant2    | 98.96          | 0                      |
| NVNT      | b    | 2437            | Ant2    | 99.44          | 0                      |
| NVNT      | b    | 2462            | Ant2    | 99.04          | 0                      |
| NVNT      | g    | 2412            | Ant1    | 85             | 0.71                   |
| NVNT      | g    | 2437            | Ant1    | 91.28          | 0.4                    |
| NVNT      | g    | 2462            | Ant1    | 87.74          | 0.57                   |
| NVNT      | g    | 2412            | Ant2    | 95.37          | 0.21                   |
| NVNT      | g    | 2437            | Ant2    | 94.06          | 0.27                   |
| NVNT      | g    | 2462            | Ant2    | 96.24          | 0.17                   |
| NVNT      | n20  | 2412            | Ant1    | 95.5           | 0.2                    |
| NVNT      | n20  | 2437            | Ant1    | 97.45          | 0.11                   |
| NVNT      | n20  | 2462            | Ant1    | 95.5           | 0.2                    |
| NVNT      | n20  | 2412            | Ant2    | 96.95          | 0.13                   |
| NVNT      | n20  | 2437            | Ant2    | 93.63          | 0.29                   |
| NVNT      | n20  | 2462            | Ant2    | 92.72          | 0.33                   |
| NVNT      | n40  | 2422            | Ant1    | 90.1           | 0.45                   |
| NVNT      | n40  | 2437            | Ant1    | 89.22          | 0.5                    |
| NVNT      | n40  | 2452            | Ant1    | 91.92          | 0.37                   |
| NVNT      | n40  | 2422            | Ant2    | 88.24          | 0.54                   |
| NVNT      | n40  | 2437            | Ant2    | 86.67          | 0.62                   |
| NVNT      | n40  | 2452            | Ant2    | 88.24          | 0.54                   |

### Test Graphs

#### Duty Cycle NVNT b 2412MHz Ant1

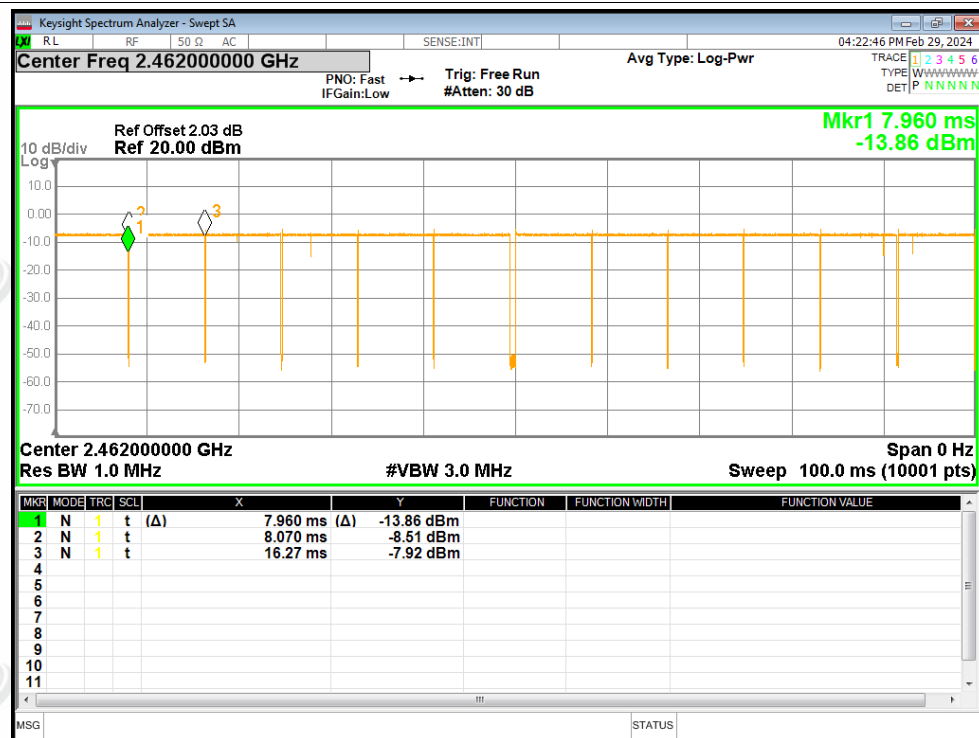


#### Duty Cycle NVNT b 2437MHz Ant1

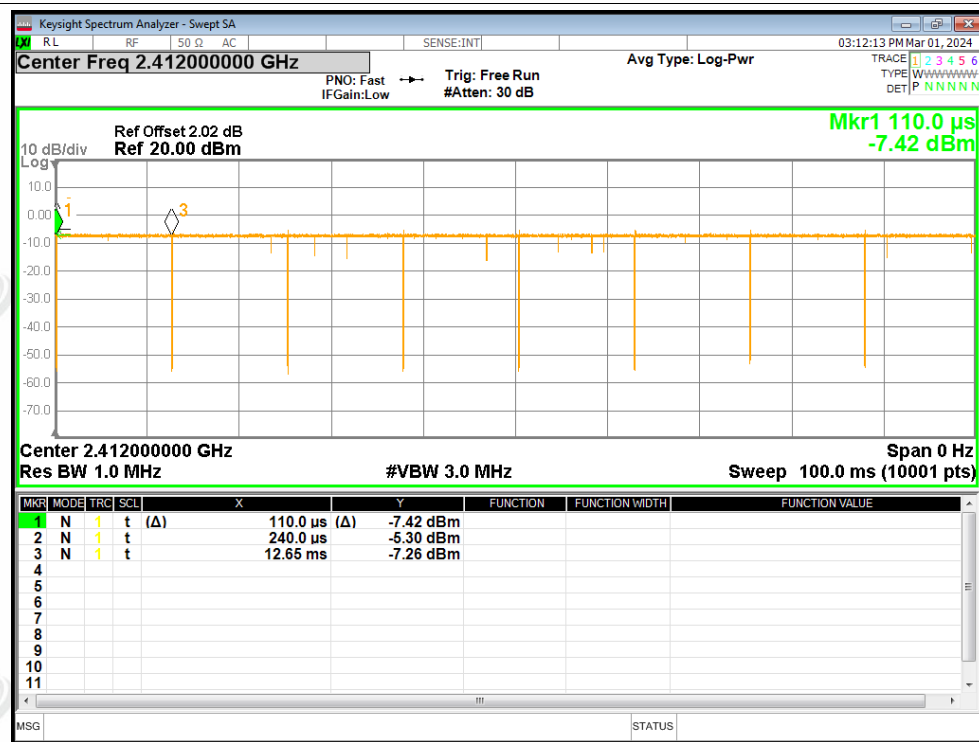




## Duty Cycle NVNT b 2462MHz Ant1

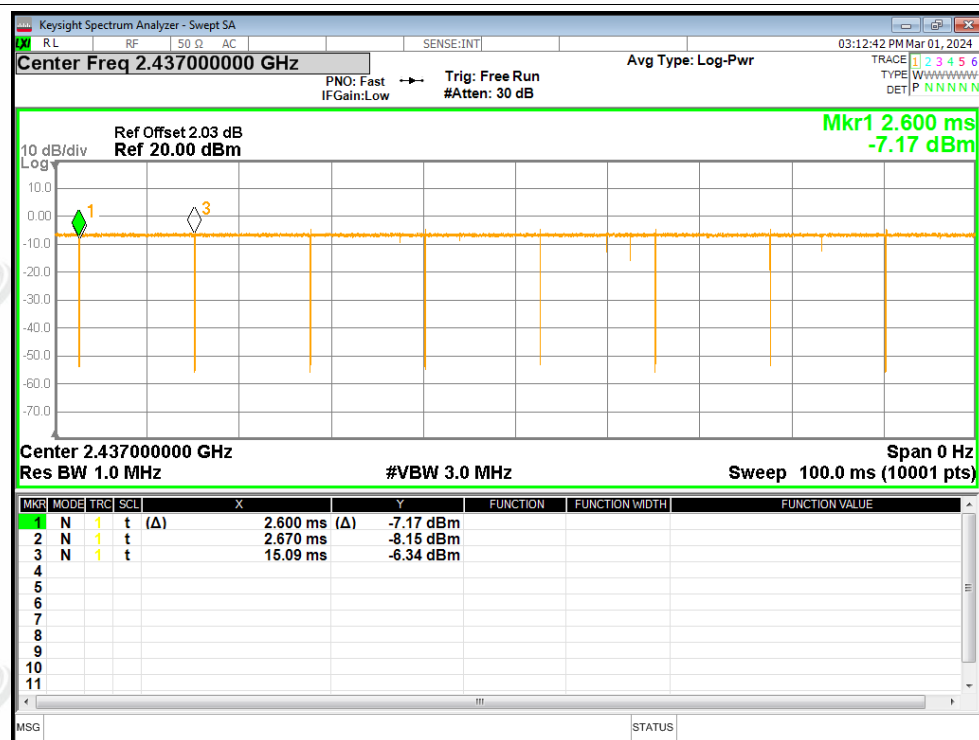


## Duty Cycle NVNT b 2412MHz Ant2

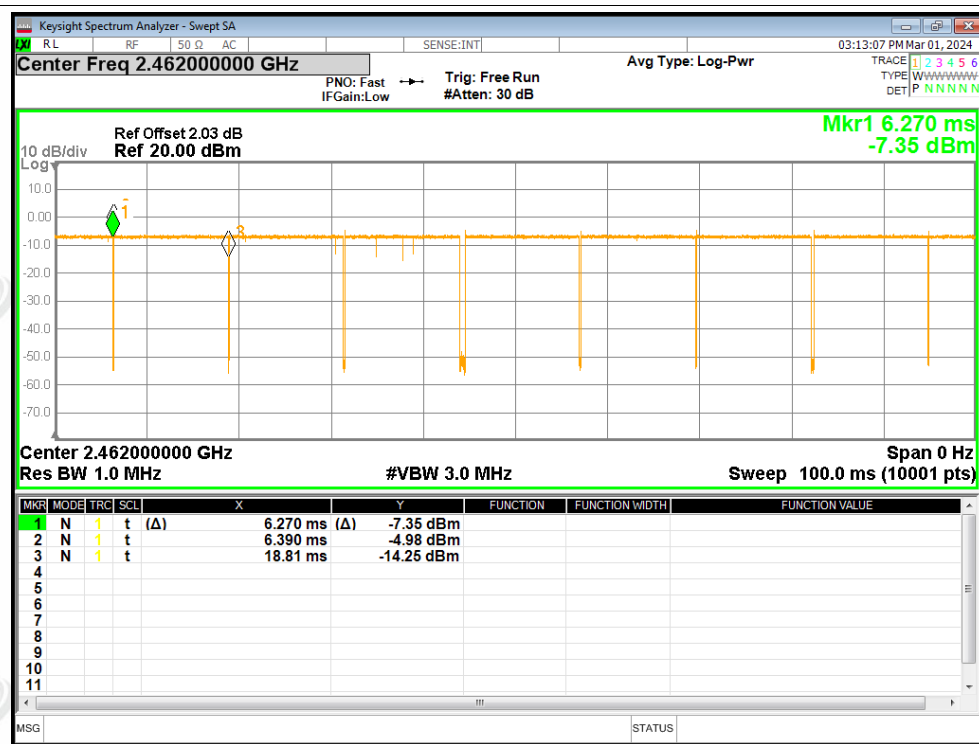




## Duty Cycle NVNT b 2437MHz Ant2

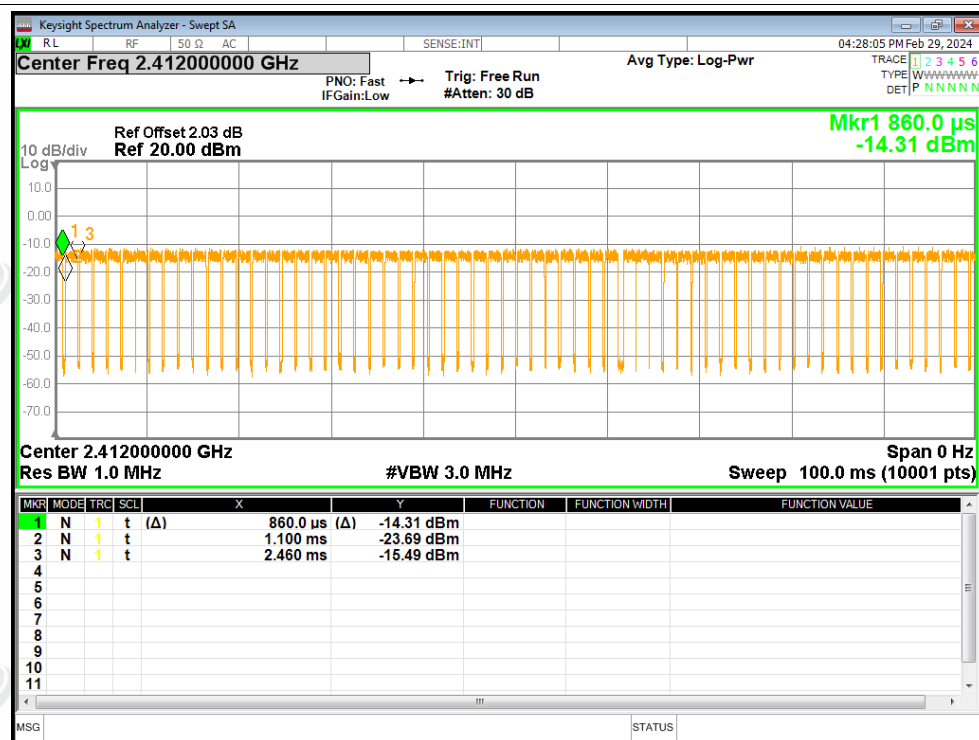


## Duty Cycle NVNT b 2462MHz Ant2

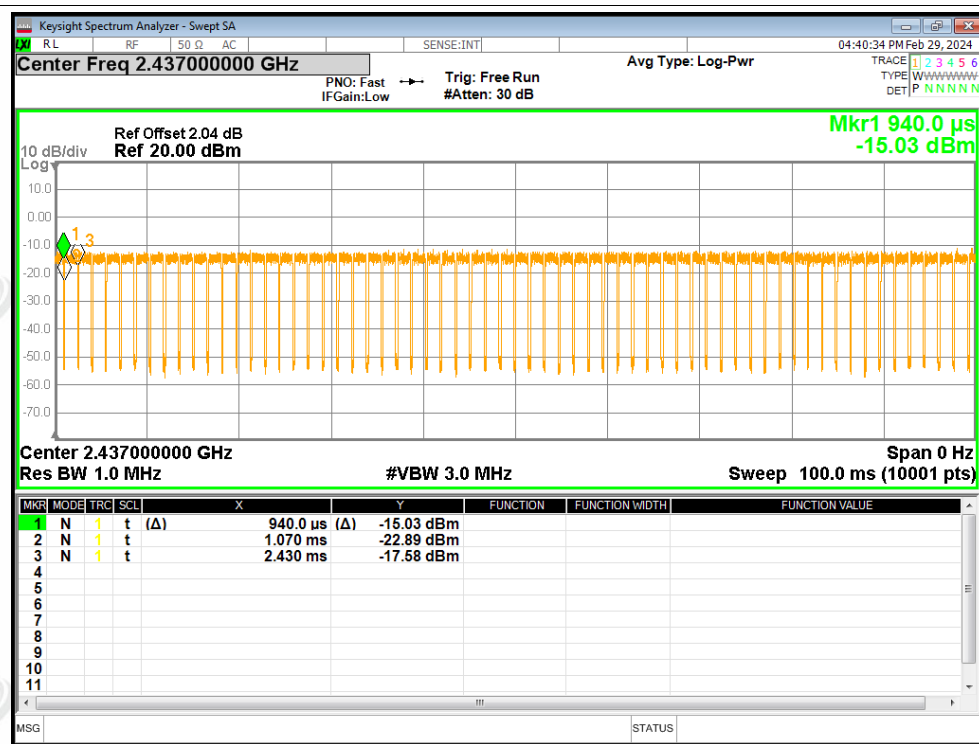




## Duty Cycle NVNT g 2412MHz Ant1

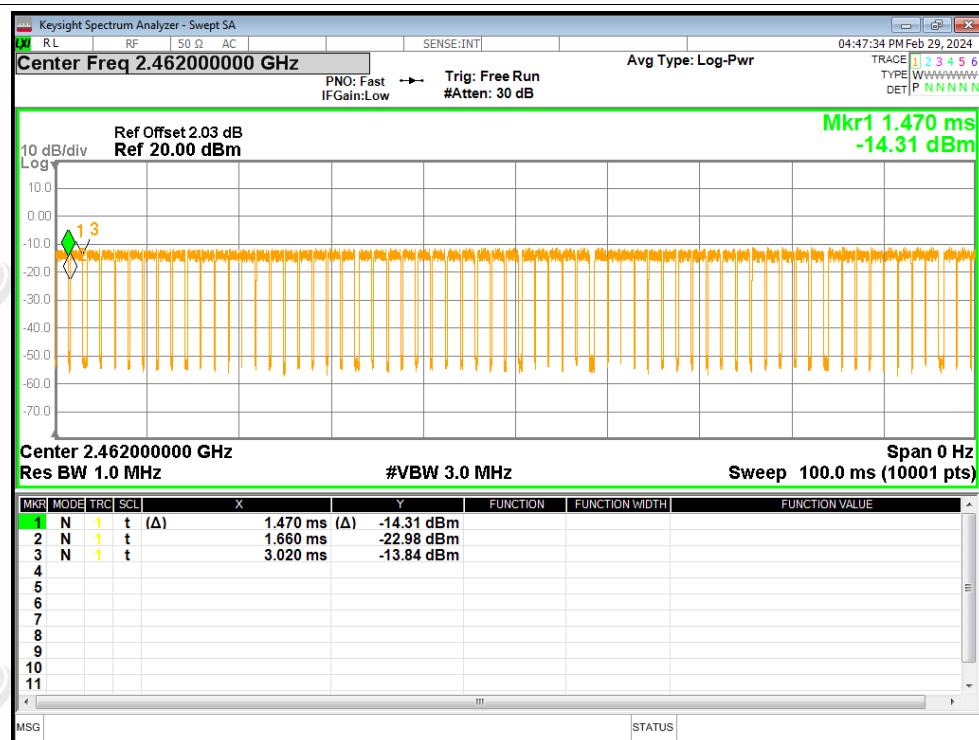


## Duty Cycle NVNT g 2437MHz Ant1

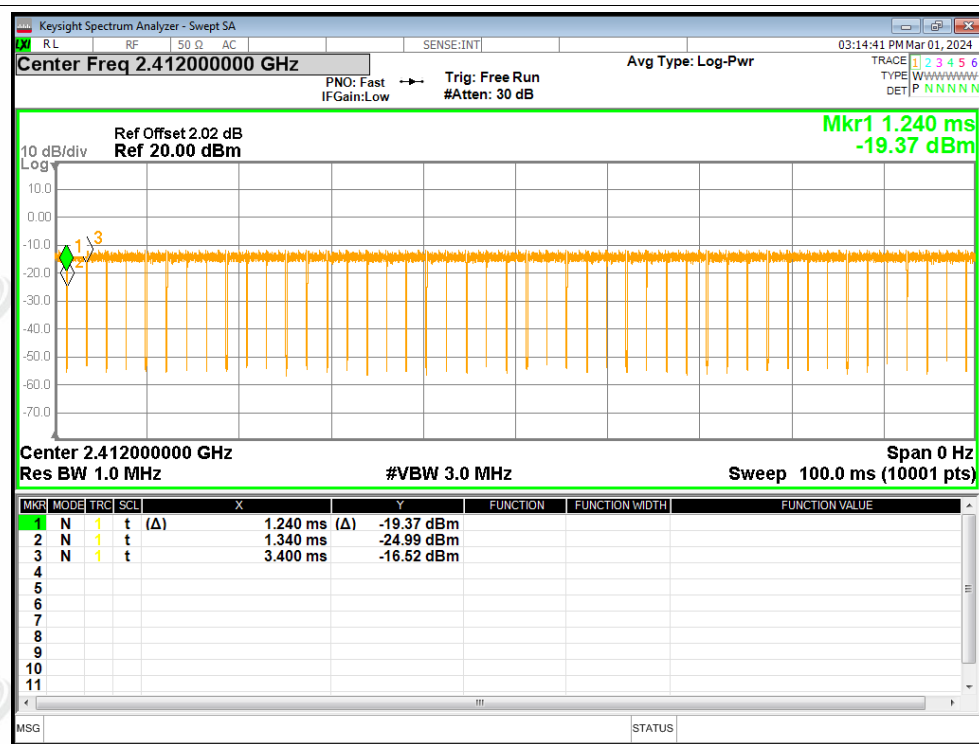




## Duty Cycle NVNT g 2462MHz Ant1



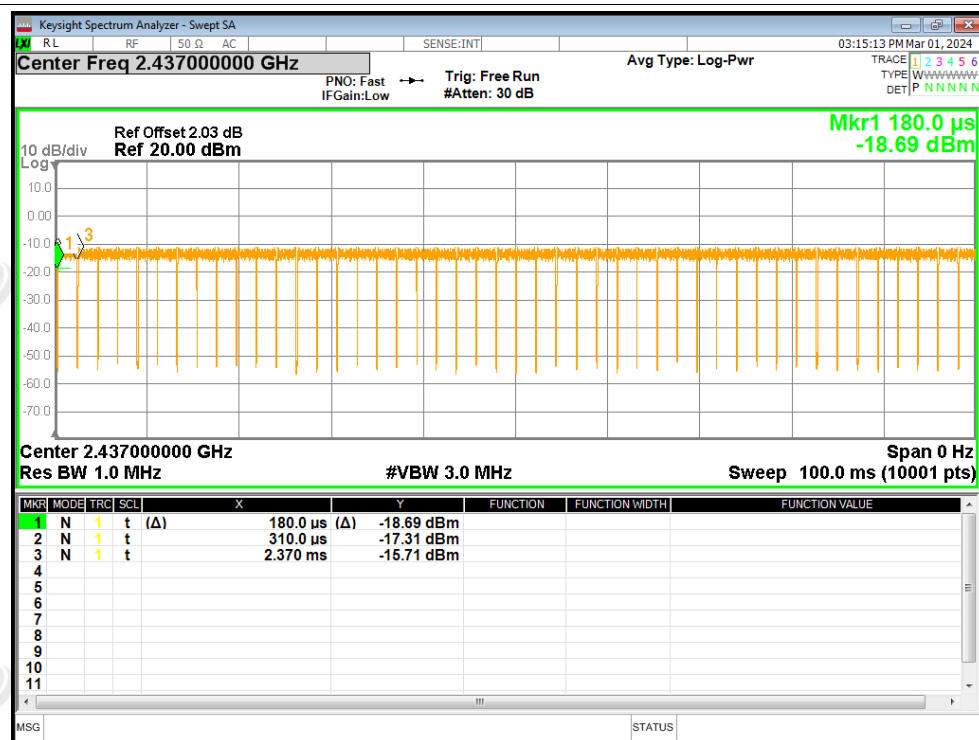
## Duty Cycle NVNT g 2412MHz Ant2



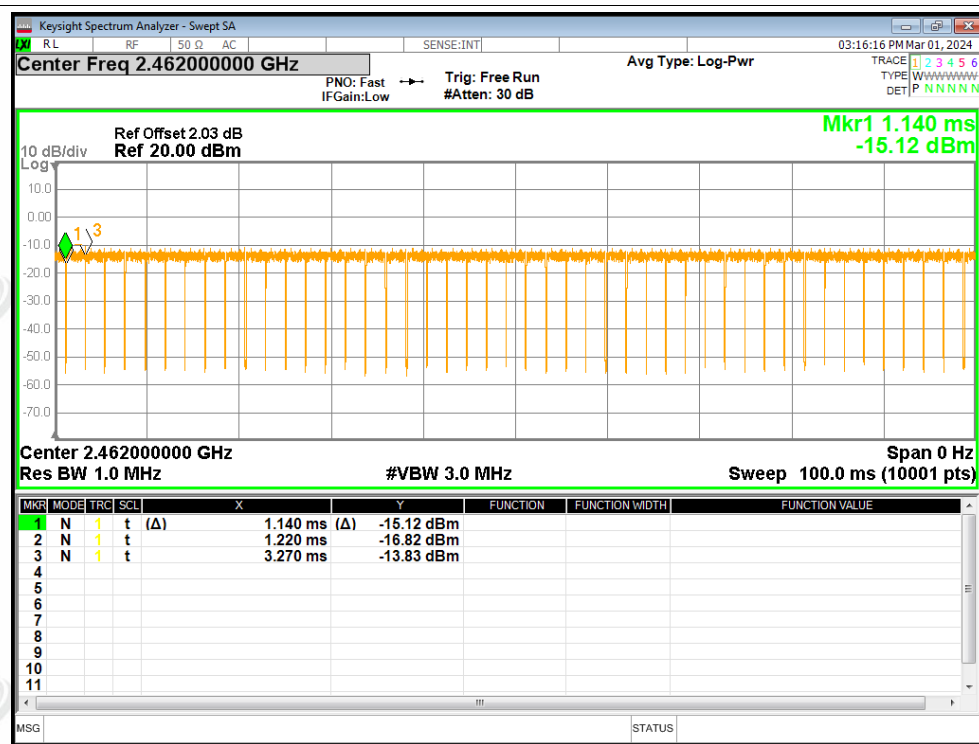




## Duty Cycle NVNT g 2437MHz Ant2



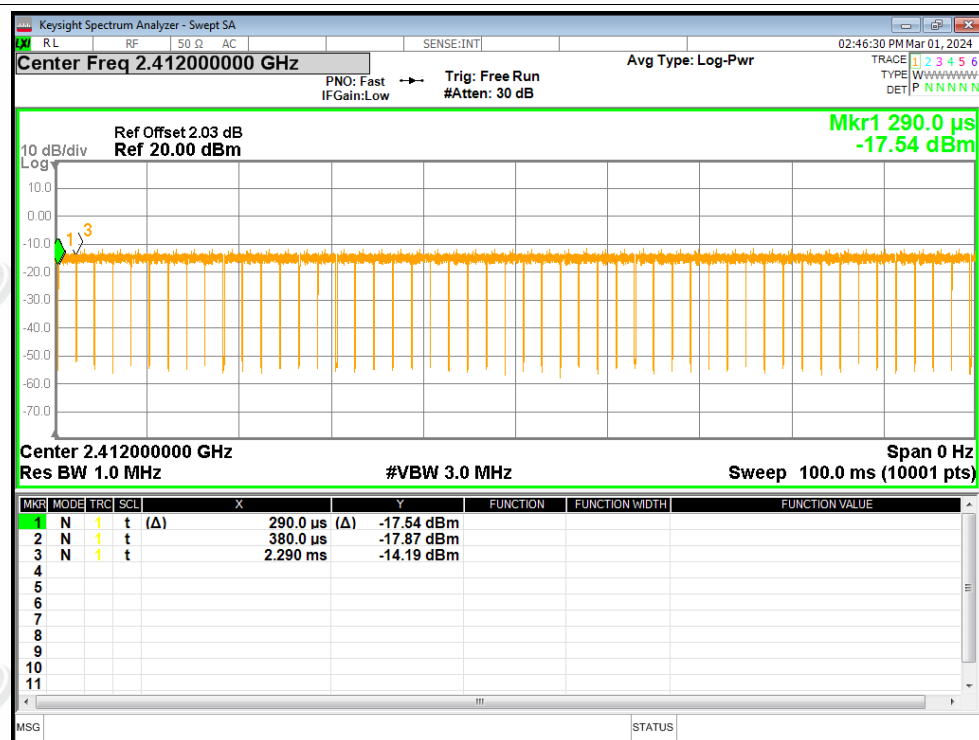
## Duty Cycle NVNT g 2462MHz Ant2



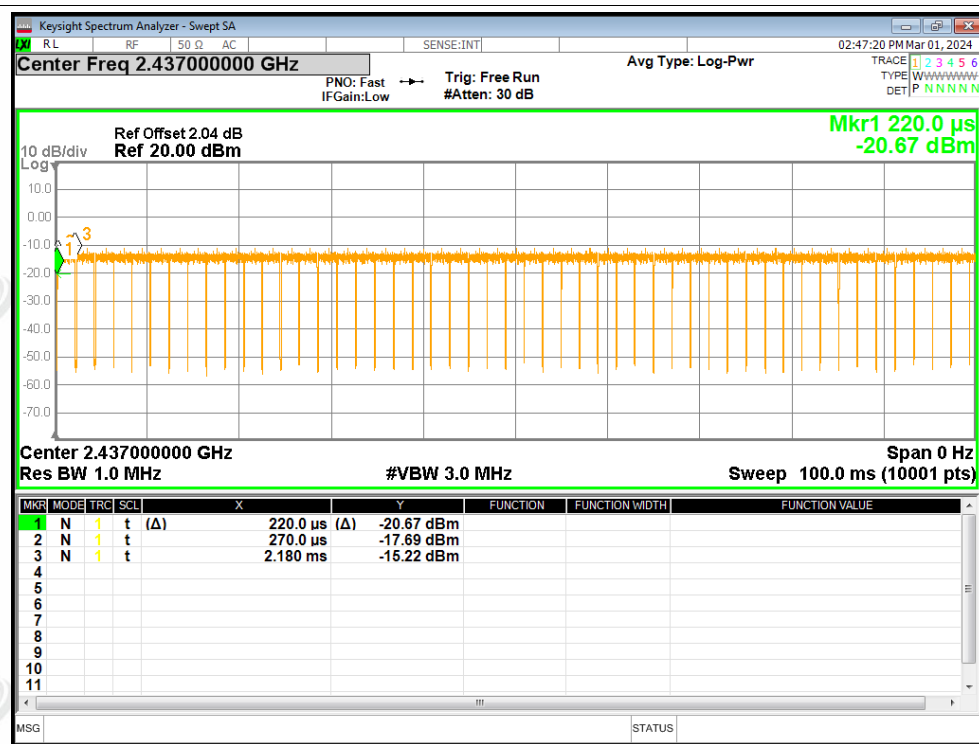




## Duty Cycle NVNT n20 2412MHz Ant1

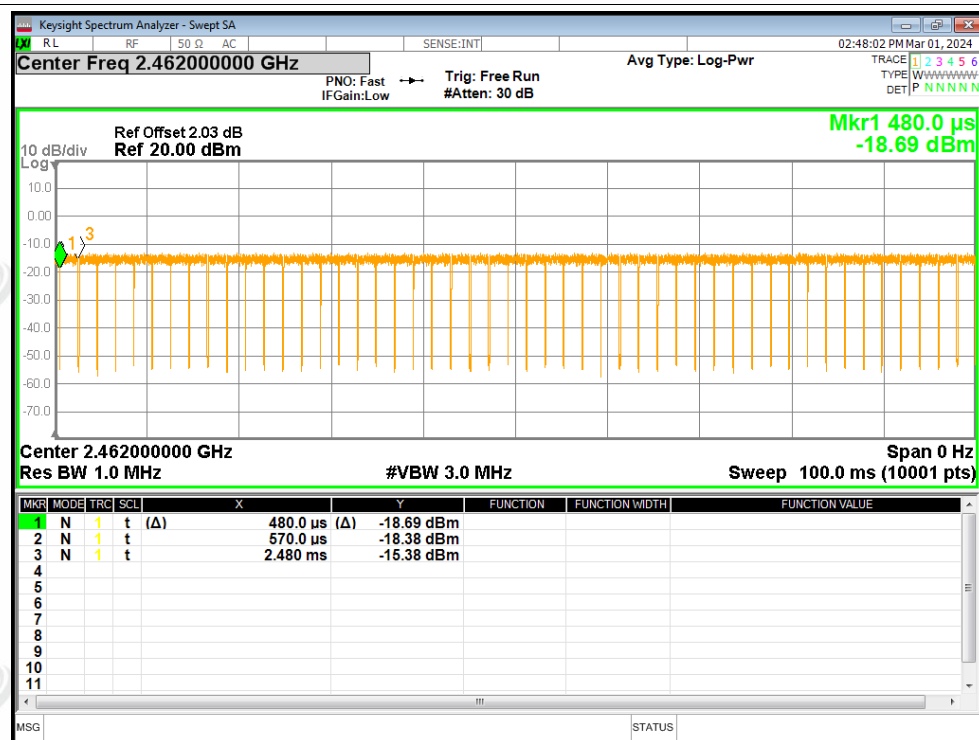


## Duty Cycle NVNT n20 2437MHz Ant1

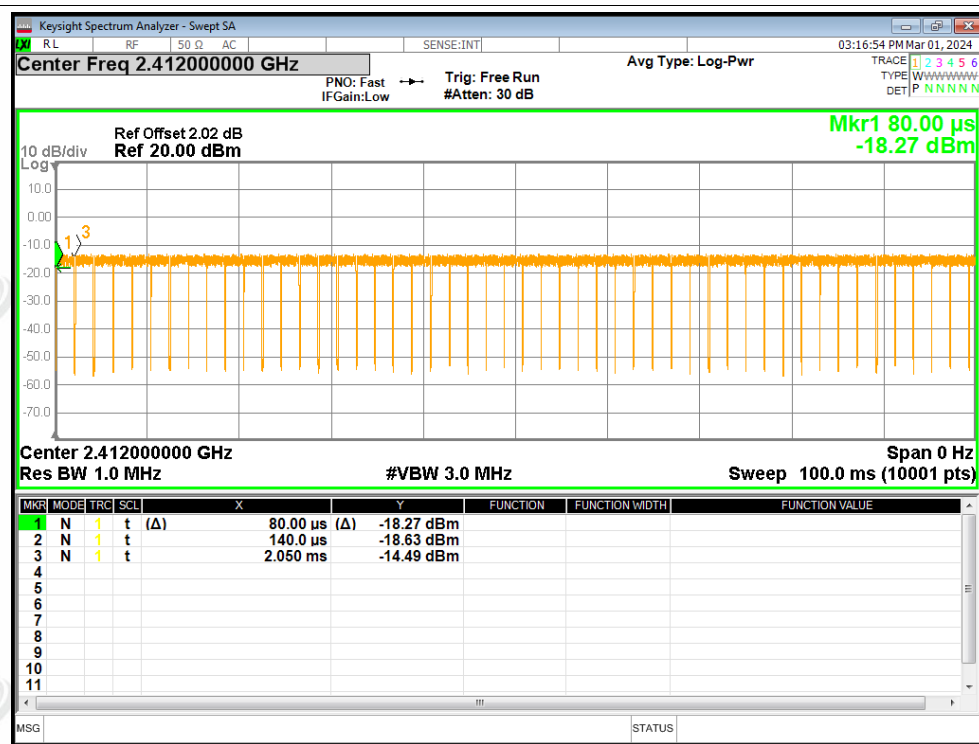




## Duty Cycle NVNT n20 2462MHz Ant1

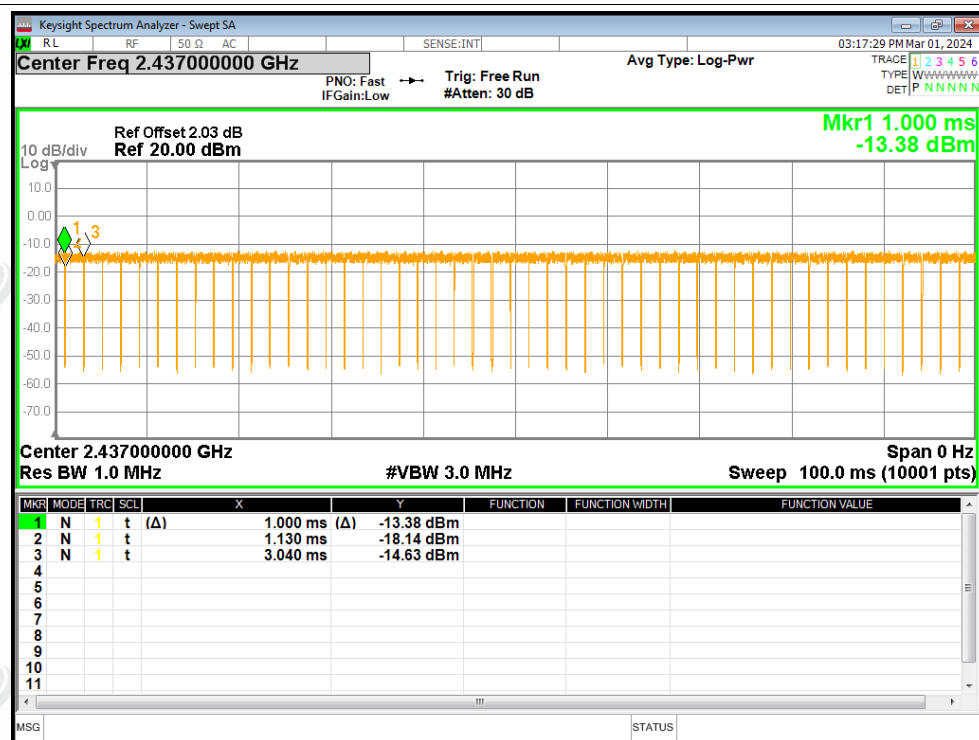


## Duty Cycle NVNT n20 2412MHz Ant2

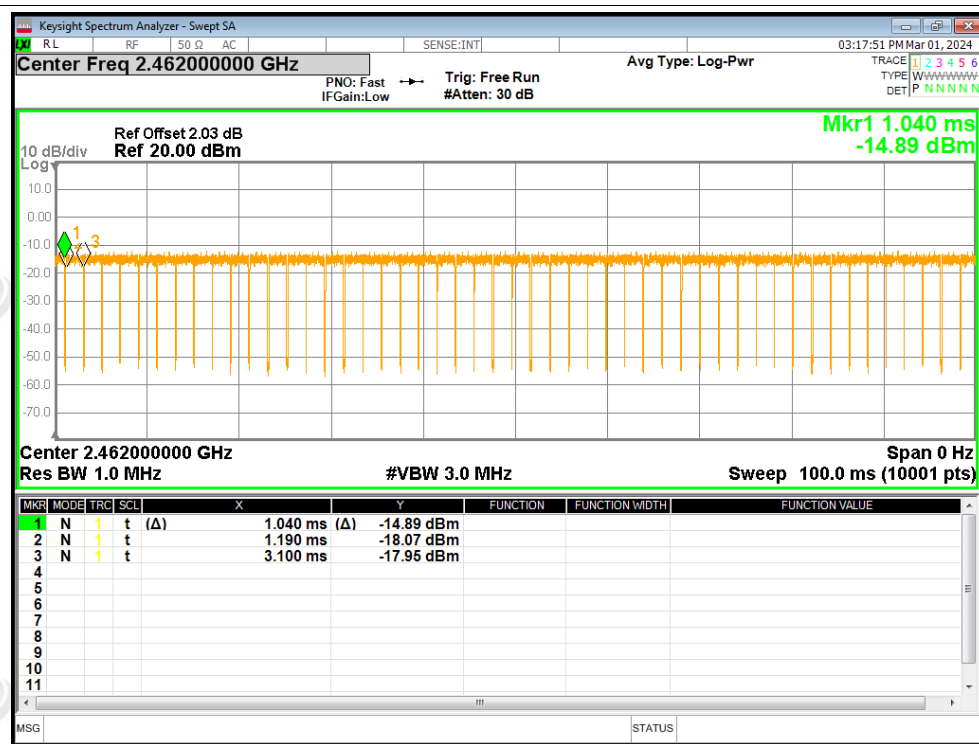




## Duty Cycle NVNT n20 2437MHz Ant2

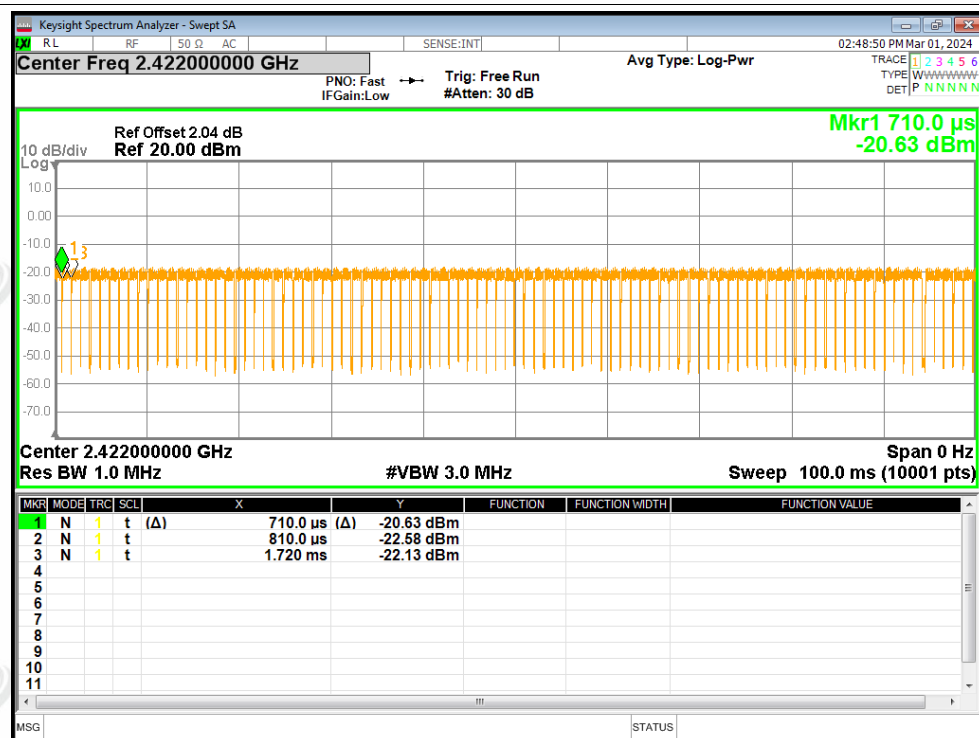


## Duty Cycle NVNT n20 2462MHz Ant2

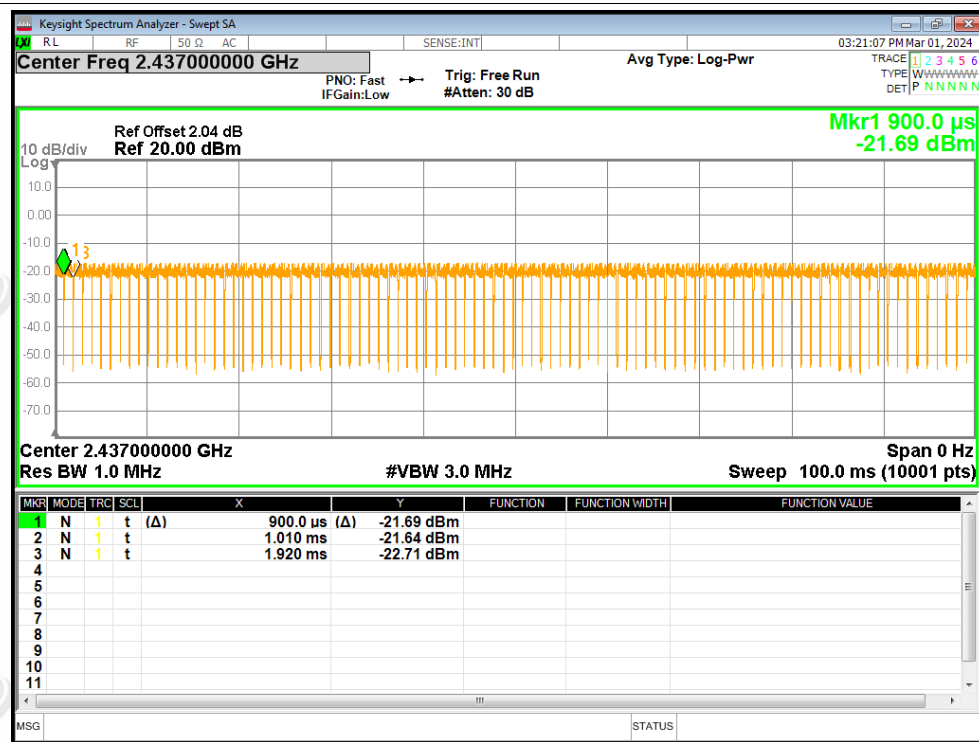




## Duty Cycle NVNT n40 2422MHz Ant1

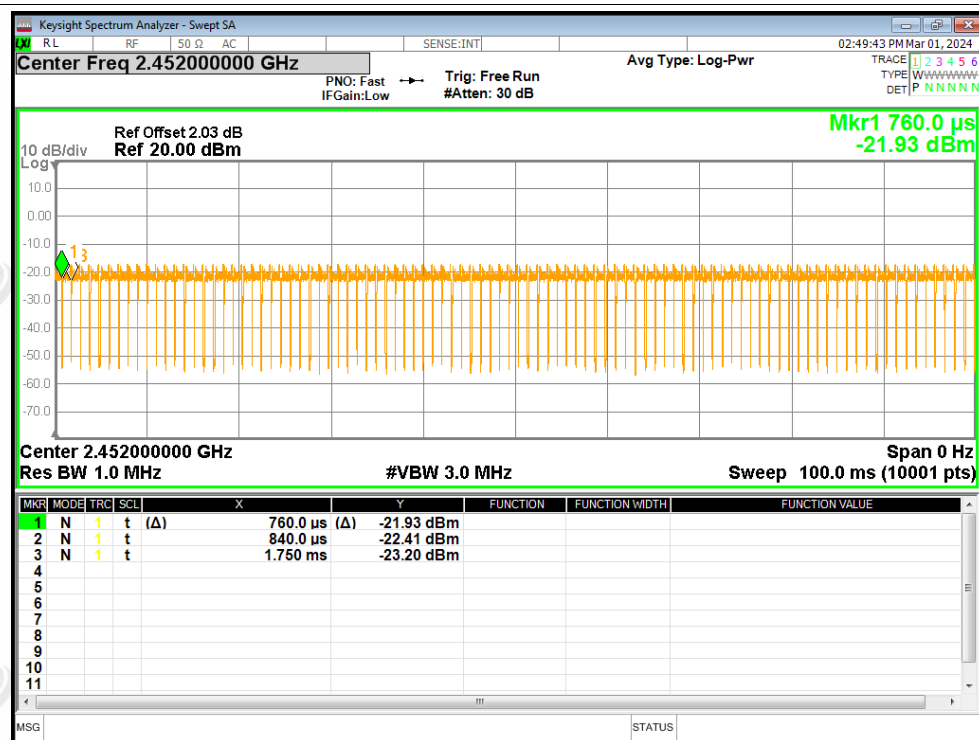


## Duty Cycle NVNT n40 2437MHz Ant1

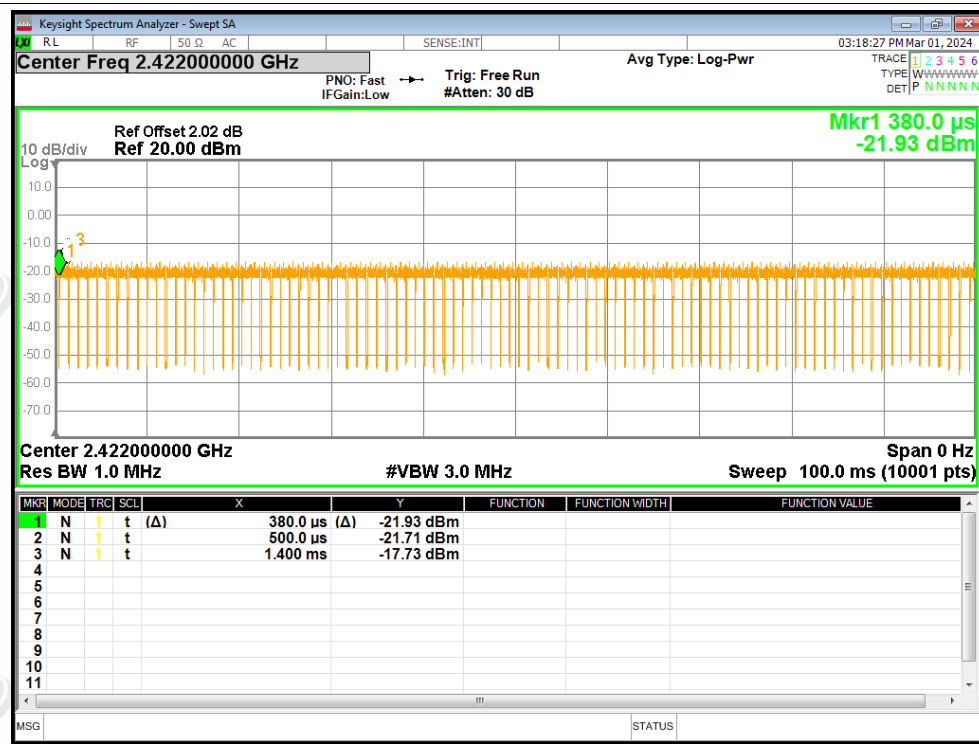




## Duty Cycle NVNT n40 2452MHz Ant1

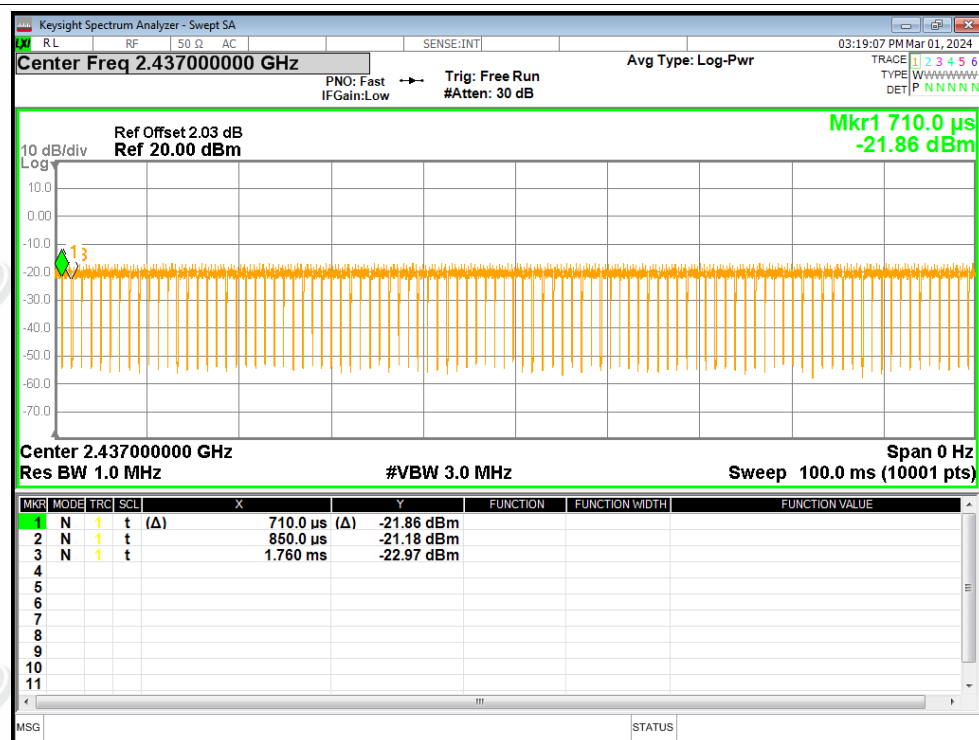


## Duty Cycle NVNT n40 2422MHz Ant2





## Duty Cycle NVNT n40 2437MHz Ant2



## Duty Cycle NVNT n40 2452MHz Ant2





## A2. Maximum Average Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | 0.06                  | 0                | 0.06              | 30          | Pass    |
| NVNT      | b    | 2437            | Ant1    | 1.89                  | 0                | 1.89              | 30          | Pass    |
| NVNT      | b    | 2462            | Ant1    | 1.89                  | 0                | 1.89              | 30          | Pass    |
| NVNT      | b    | 2412            | Ant2    | 1.05                  | 0                | 1.05              | 30          | Pass    |
| NVNT      | b    | 2437            | Ant2    | 1.73                  | 0                | 1.73              | 30          | Pass    |
| NVNT      | b    | 2462            | Ant2    | 2.02                  | 0                | 2.02              | 30          | Pass    |
| NVNT      | g    | 2412            | Ant1    | 1.54                  | 0.71             | 2.25              | 30          | Pass    |
| NVNT      | g    | 2437            | Ant1    | 1.79                  | 0.4              | 2.19              | 30          | Pass    |
| NVNT      | g    | 2462            | Ant1    | 1.39                  | 0.57             | 1.96              | 30          | Pass    |
| NVNT      | g    | 2412            | Ant2    | 1.6                   | 0.21             | 1.81              | 30          | Pass    |
| NVNT      | g    | 2437            | Ant2    | 1.08                  | 0.27             | 1.35              | 30          | Pass    |
| NVNT      | g    | 2462            | Ant2    | 1.53                  | 0.17             | 1.7               | 30          | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 1.87                  | 0.2              | 2.07              | 30          | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 1.66                  | 0.11             | 1.77              | 30          | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 1.79                  | 0.2              | 1.99              | 30          | Pass    |
| NVNT      | n20  | 2412            | Ant2    | 1.04                  | 0.13             | 1.17              | 30          | Pass    |
| NVNT      | n20  | 2437            | Ant2    | 1.79                  | 0.29             | 2.08              | 30          | Pass    |
| NVNT      | n20  | 2462            | Ant2    | 1.41                  | 0.33             | 1.74              | 30          | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 1.14                  | 0.45             | 1.59              | 30          | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 1.92                  | 0.5              | 2.42              | 30          | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 1.81                  | 0.37             | 2.18              | 30          | Pass    |
| NVNT      | n40  | 2422            | Ant2    | 1.27                  | 0.54             | 1.81              | 30          | Pass    |
| NVNT      | n40  | 2437            | Ant2    | 0.55                  | 0.62             | 1.17              | 30          | Pass    |
| NVNT      | n40  | 2452            | Ant2    | 1.24                  | 0.54             | 1.78              | 30          | Pass    |
| NVNT      | n20  | 2412            | MIMO    | /                     | /                | 4.65              | 30          | Pass    |
| NVNT      | n20  | 2437            | MIMO    | /                     | /                | 4.94              | 30          | Pass    |
| NVNT      | n20  | 2462            | MIMO    | /                     | /                | 4.88              | 30          | Pass    |
| NVNT      | n40  | 2422            | MIMO    | /                     | /                | 4.71              | 30          | Pass    |
| NVNT      | n40  | 2437            | MIMO    | /                     | /                | 4.85              | 30          | Pass    |
| NVNT      | n40  | 2452            | MIMO    | /                     | /                | 4.99              | 30          | Pass    |





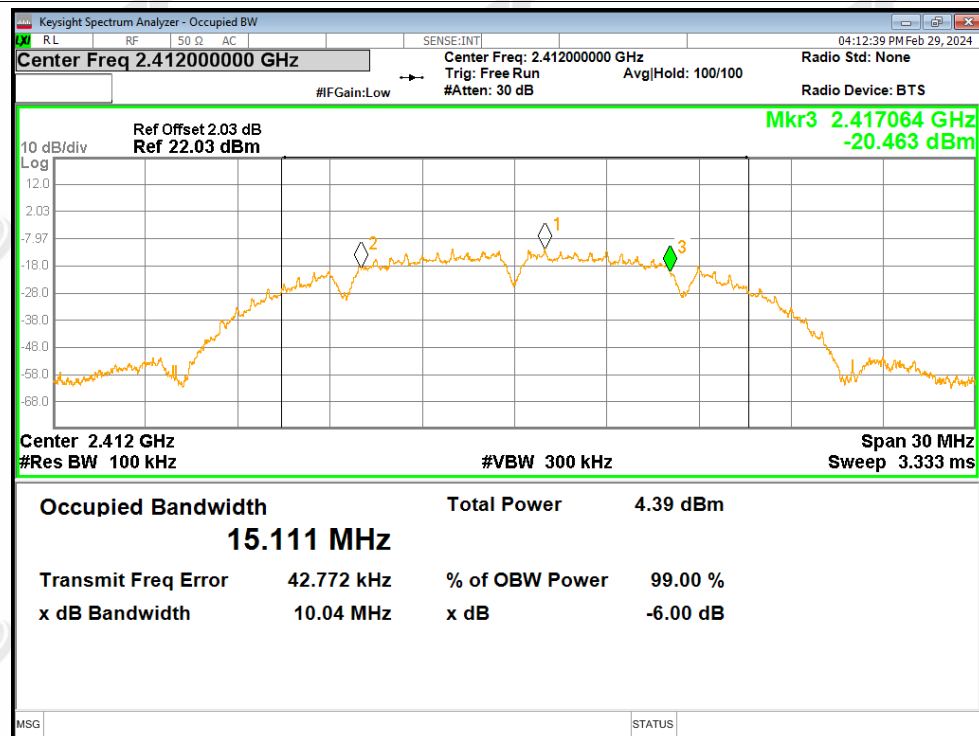
## A3. -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | b    | 2412            | Ant1    | 10.04                 | 0.5                         | Pass    |
| NVNT      | b    | 2437            | Ant1    | 10.01                 | 0.5                         | Pass    |
| NVNT      | b    | 2462            | Ant1    | 10.08                 | 0.5                         | Pass    |
| NVNT      | b    | 2412            | Ant2    | 10.03                 | 0.5                         | Pass    |
| NVNT      | b    | 2437            | Ant2    | 10.09                 | 0.5                         | Pass    |
| NVNT      | b    | 2462            | Ant2    | 10.11                 | 0.5                         | Pass    |
| NVNT      | g    | 2412            | Ant1    | 16.32                 | 0.5                         | Pass    |
| NVNT      | g    | 2437            | Ant1    | 16.34                 | 0.5                         | Pass    |
| NVNT      | g    | 2462            | Ant1    | 16.37                 | 0.5                         | Pass    |
| NVNT      | g    | 2412            | Ant2    | 16.34                 | 0.5                         | Pass    |
| NVNT      | g    | 2437            | Ant2    | 16.37                 | 0.5                         | Pass    |
| NVNT      | g    | 2462            | Ant2    | 16.36                 | 0.5                         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 17.31                 | 0.5                         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 17.19                 | 0.5                         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 17.57                 | 0.5                         | Pass    |
| NVNT      | n20  | 2412            | Ant2    | 17.58                 | 0.5                         | Pass    |
| NVNT      | n20  | 2437            | Ant2    | 17.39                 | 0.5                         | Pass    |
| NVNT      | n20  | 2462            | Ant2    | 17.611                | 0.5                         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 35.77                 | 0.5                         | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 35.85                 | 0.5                         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 35.90                 | 0.5                         | Pass    |
| NVNT      | n40  | 2422            | Ant2    | 35.94                 | 0.5                         | Pass    |
| NVNT      | n40  | 2437            | Ant2    | 35.75                 | 0.5                         | Pass    |
| NVNT      | n40  | 2452            | Ant2    | 35.76                 | 0.5                         | Pass    |

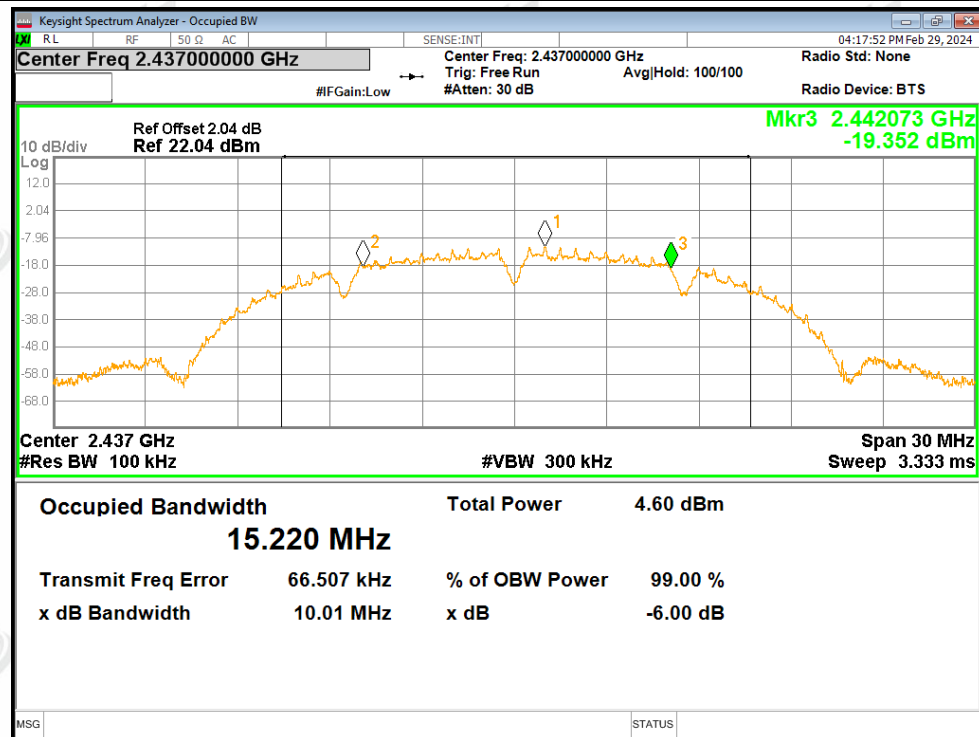


## Test Graphs

## -6dB Bandwidth NVNT b 2412MHz Ant1

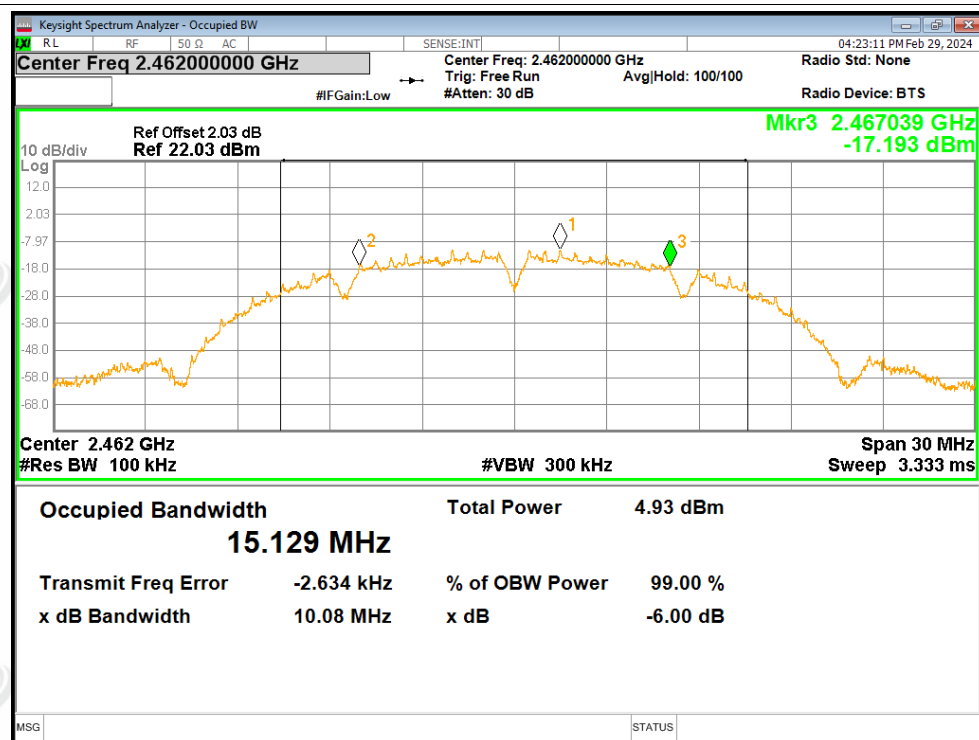


## -6dB Bandwidth NVNT b 2437MHz Ant1

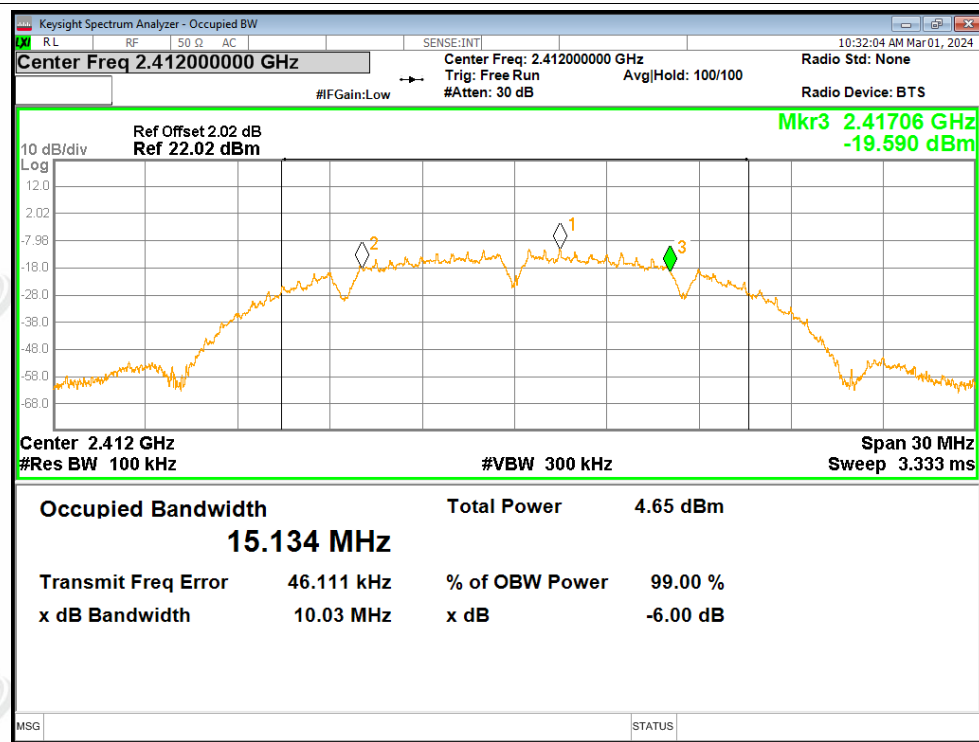




## -6dB Bandwidth NVNT b 2462MHz Ant1

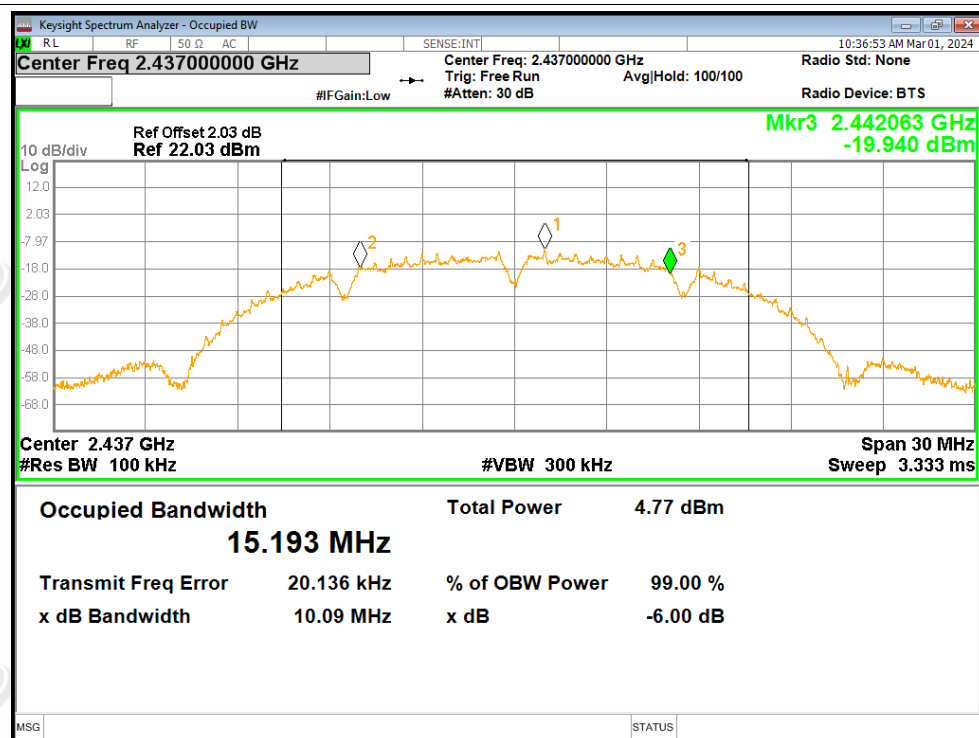


## -6dB Bandwidth NVNT b 2412MHz Ant2

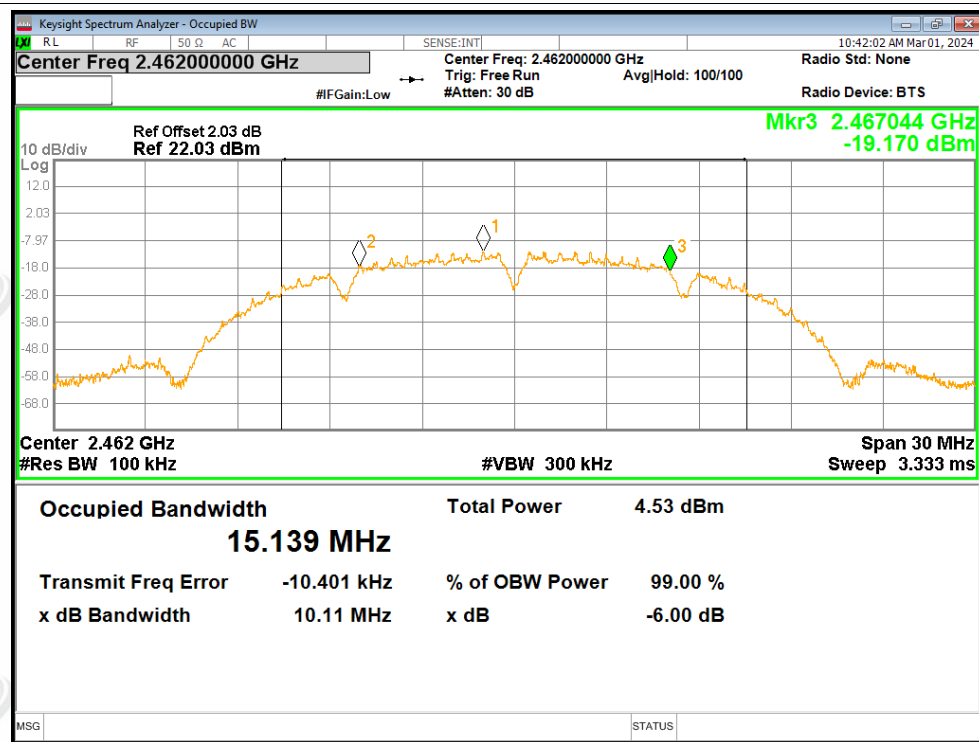




## -6dB Bandwidth NVNT b 2437MHz Ant2

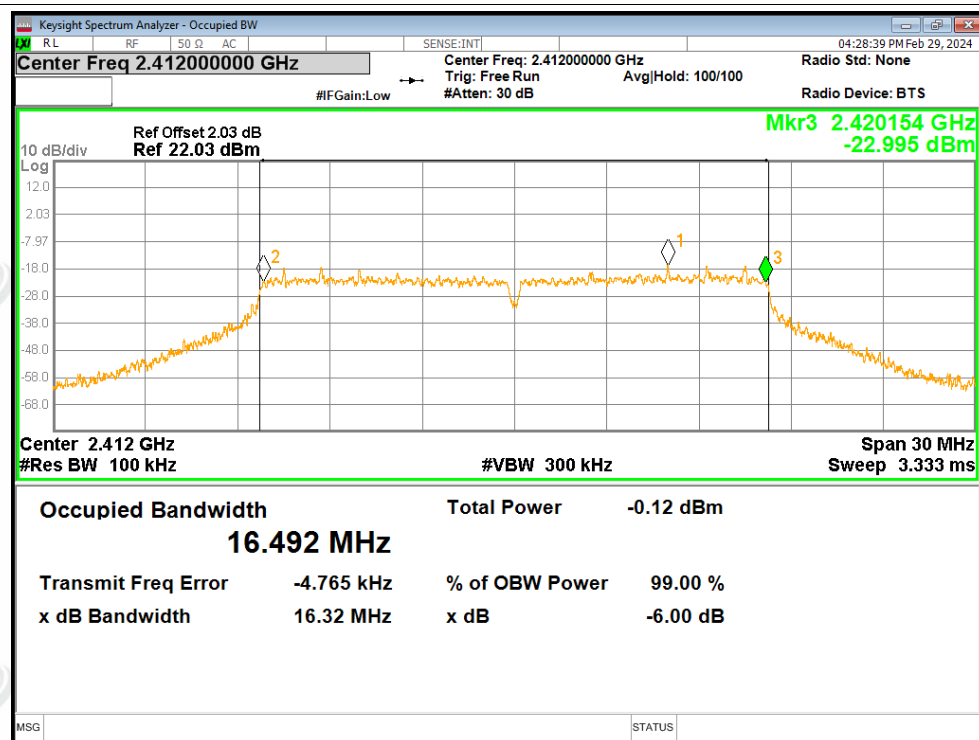


## -6dB Bandwidth NVNT b 2462MHz Ant2

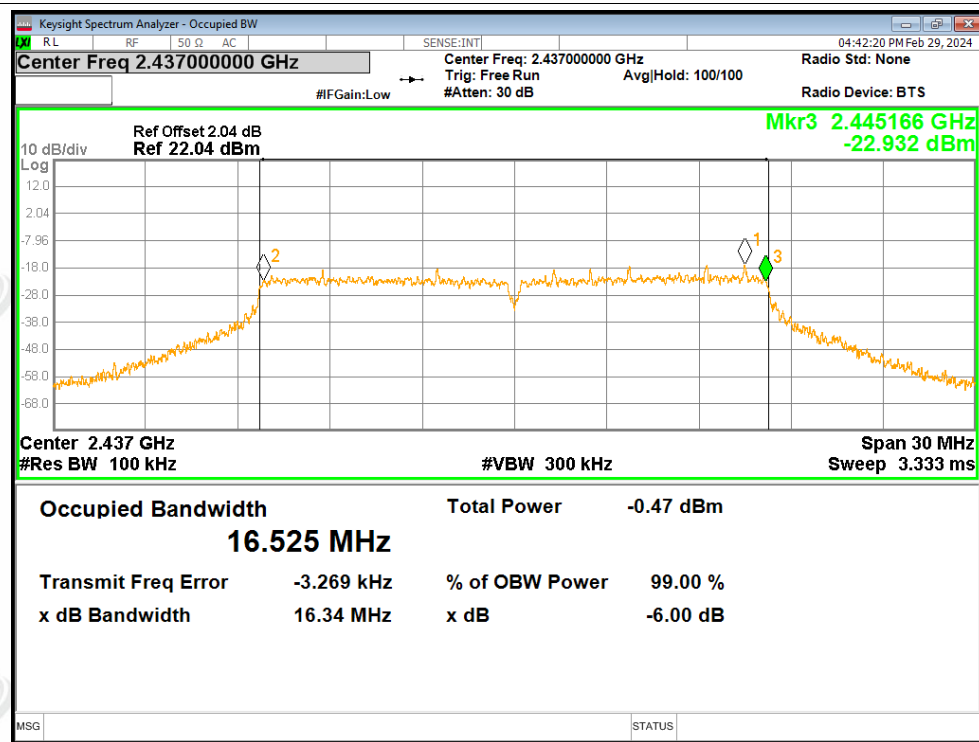




## -6dB Bandwidth NVNT g 2412MHz Ant1

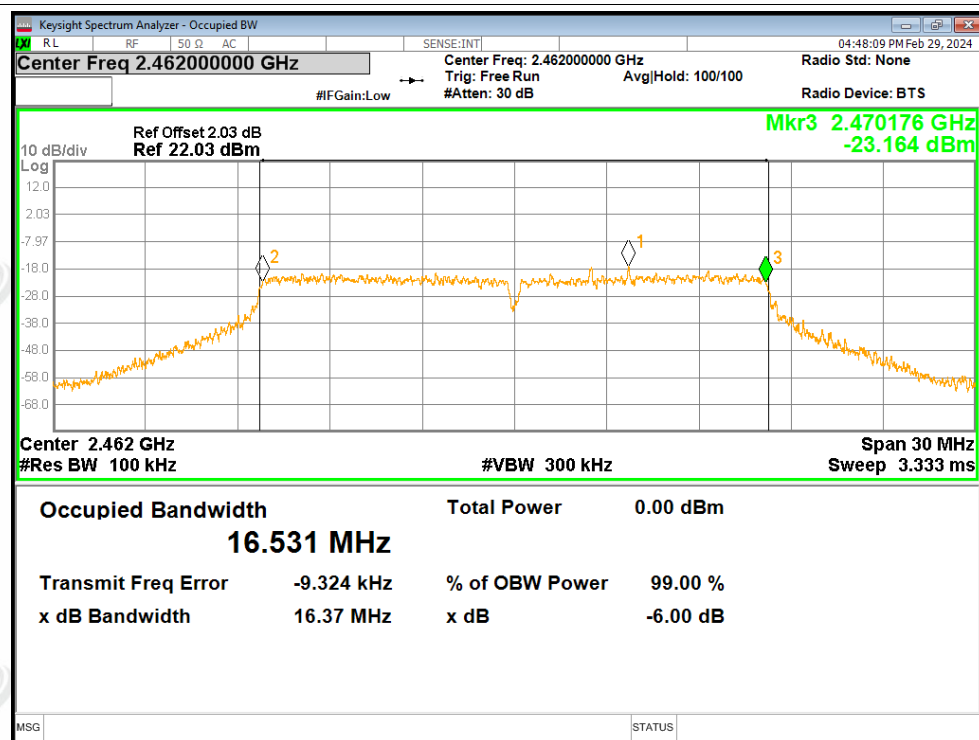


## -6dB Bandwidth NVNT g 2437MHz Ant1

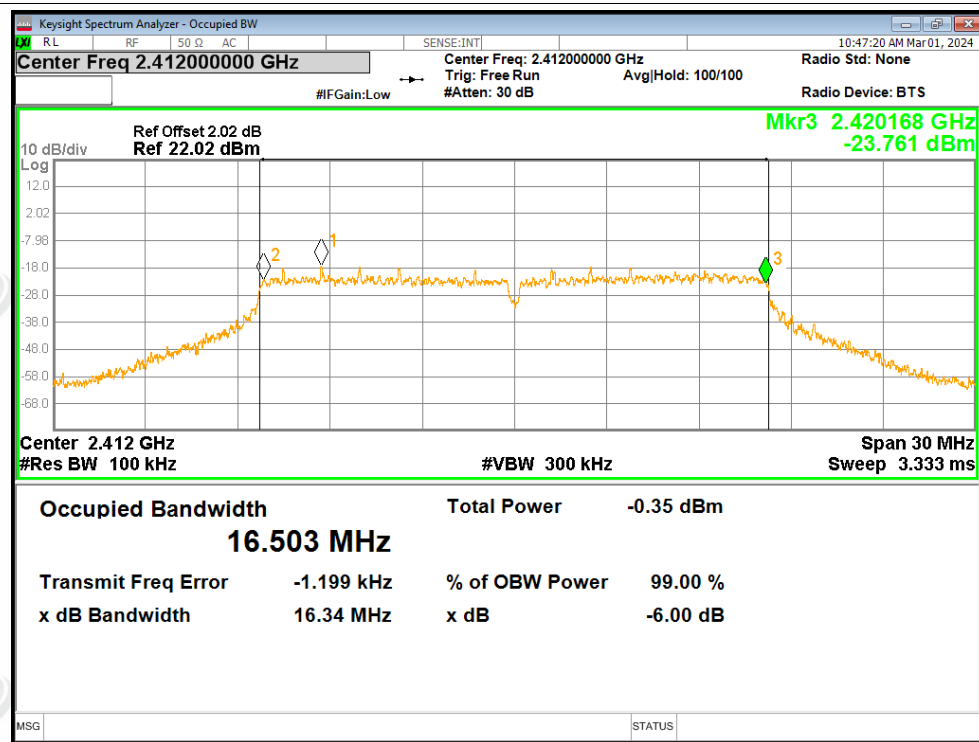




## -6dB Bandwidth NVNT g 2462MHz Ant1

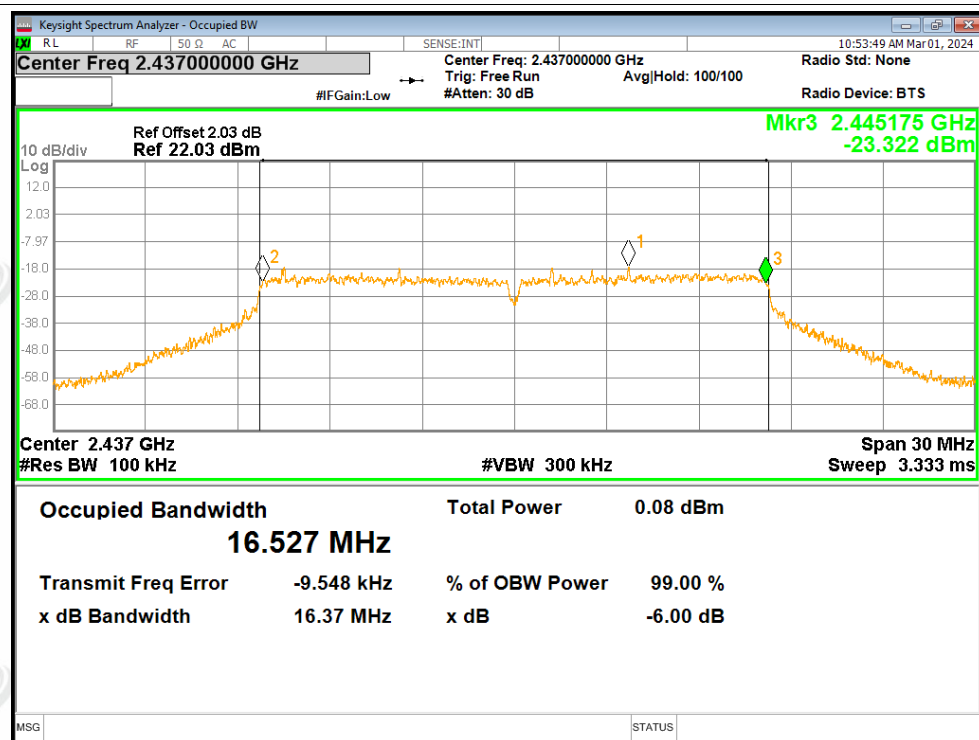


## -6dB Bandwidth NVNT g 2412MHz Ant2

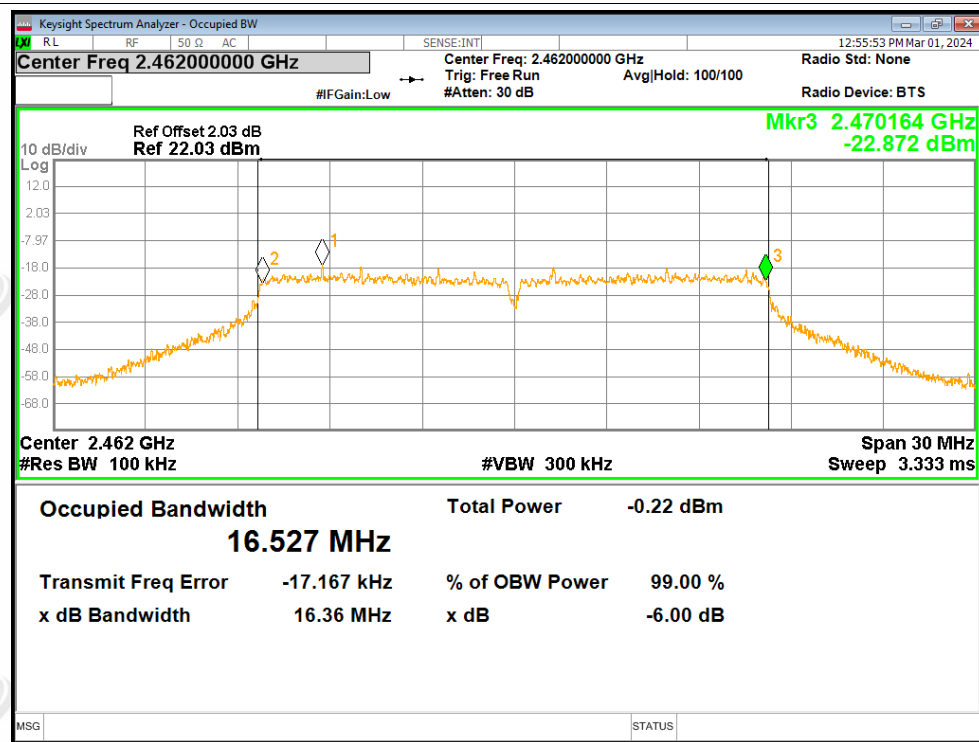




## -6dB Bandwidth NVNT g 2437MHz Ant2



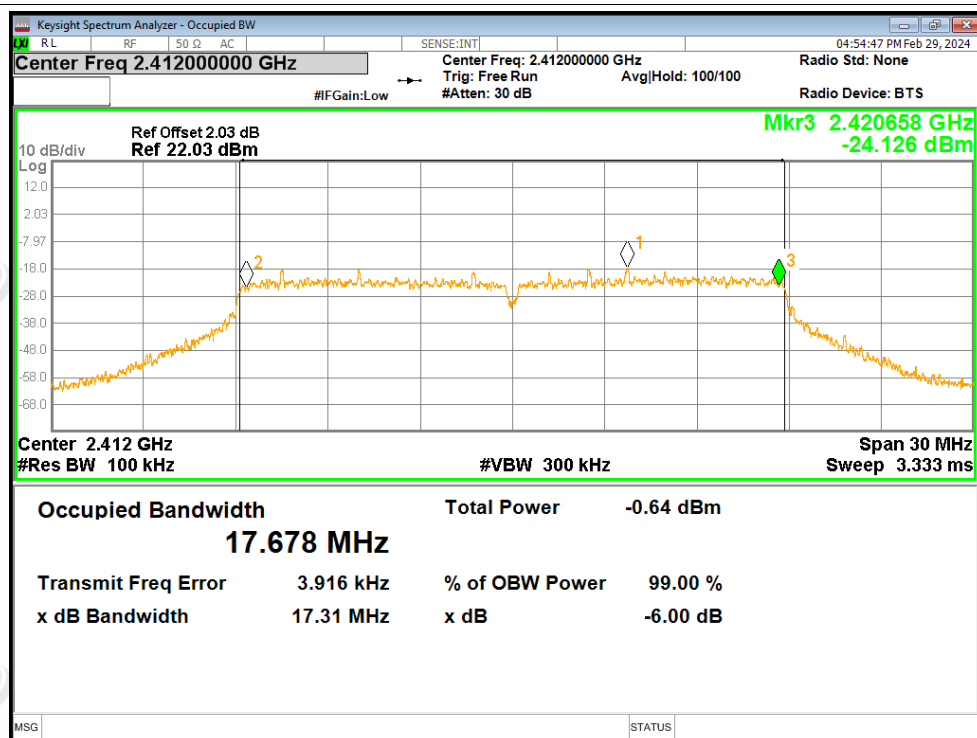
## -6dB Bandwidth NVNT g 2462MHz Ant2



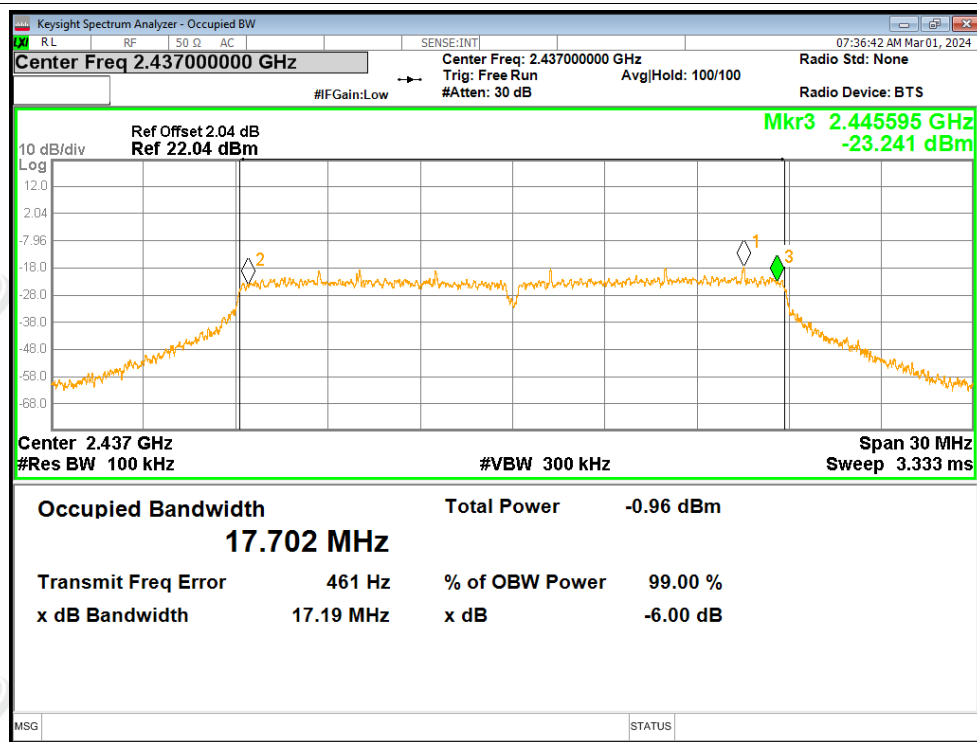




## -6dB Bandwidth NVNT n20 2412MHz Ant1

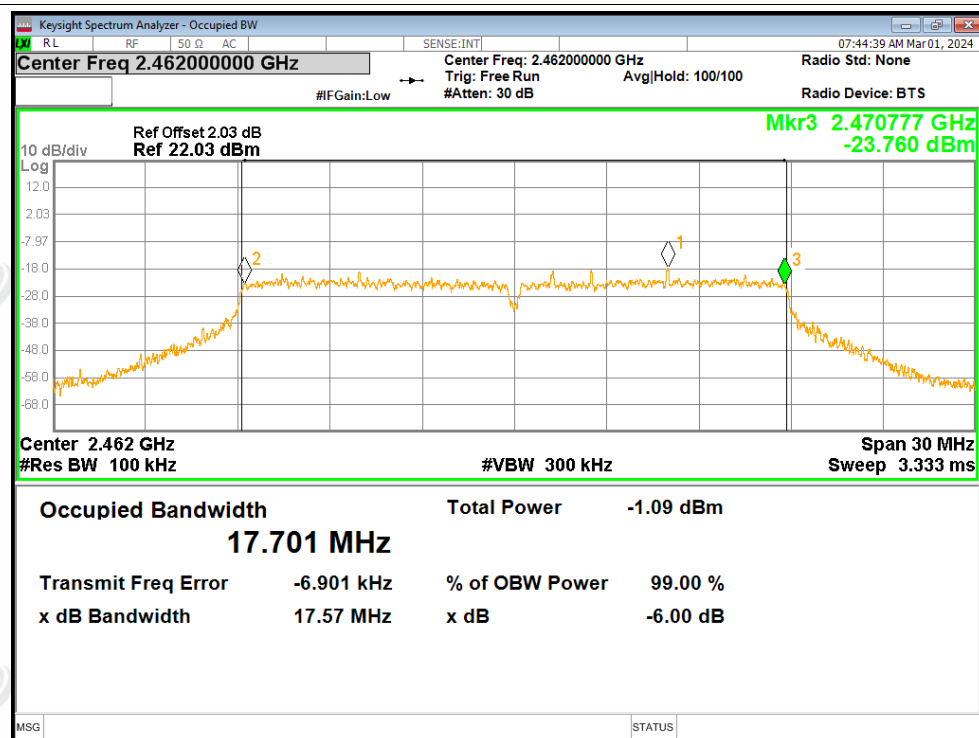


## -6dB Bandwidth NVNT n20 2437MHz Ant1

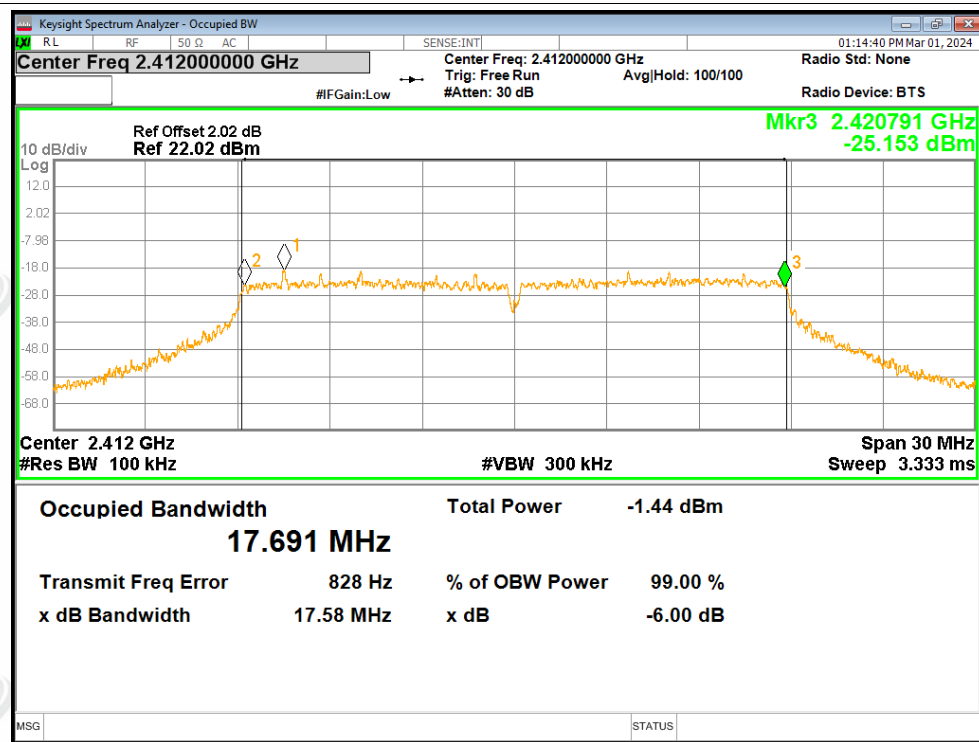




## -6dB Bandwidth NVNT n20 2462MHz Ant1

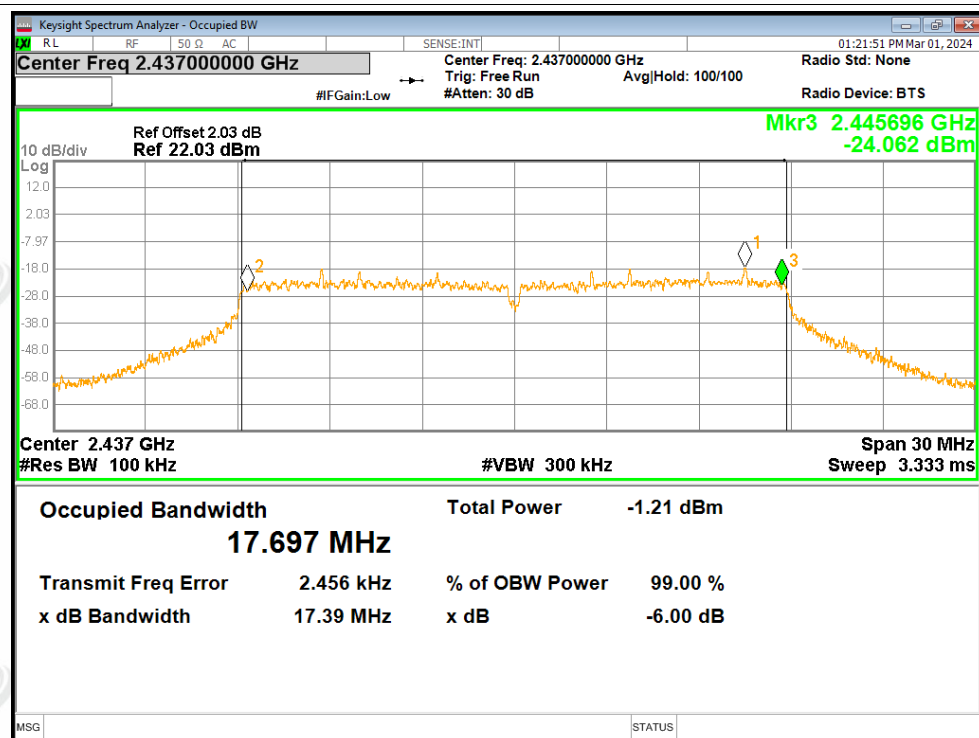


## -6dB Bandwidth NVNT n20 2412MHz Ant2

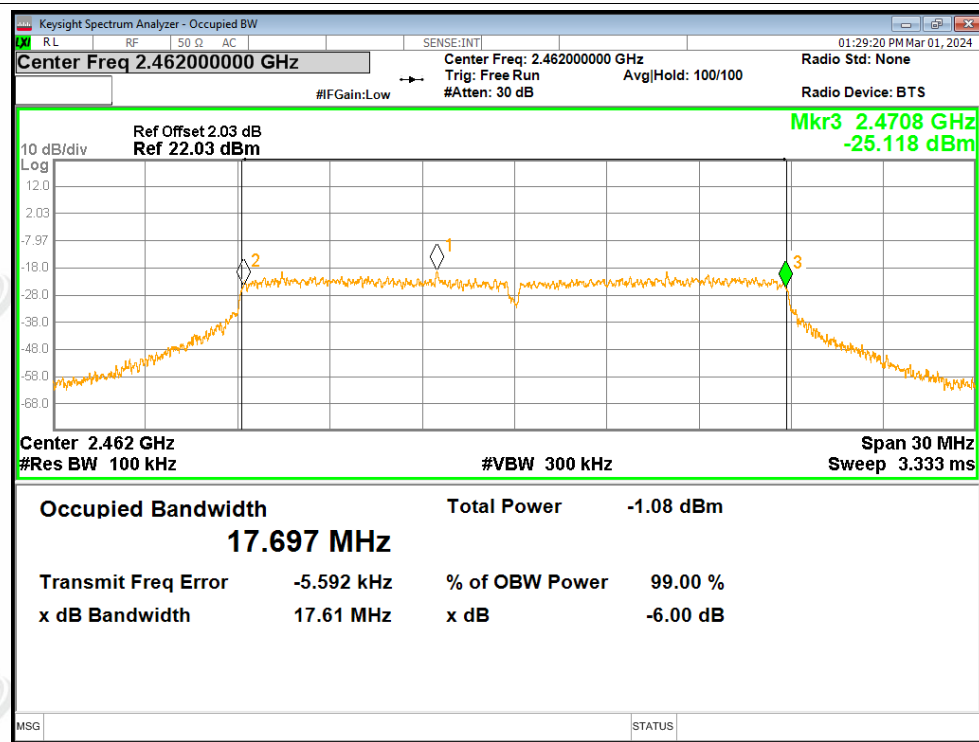




## -6dB Bandwidth NVNT n20 2437MHz Ant2

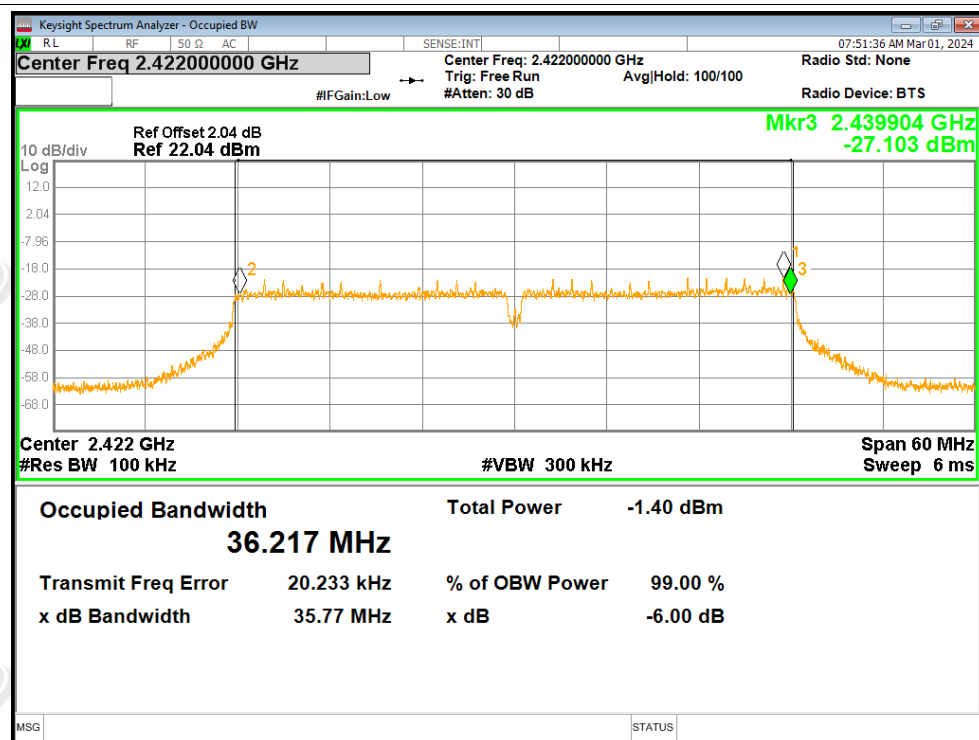


## -6dB Bandwidth NVNT n20 2462MHz Ant2

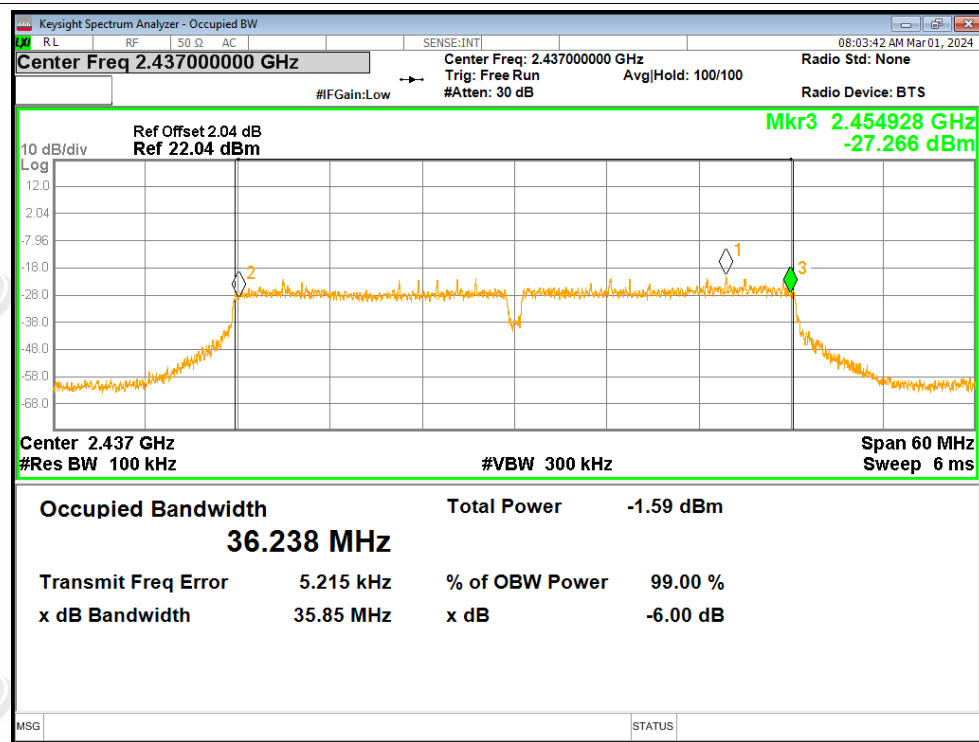




## -6dB Bandwidth NVNT n40 2422MHz Ant1

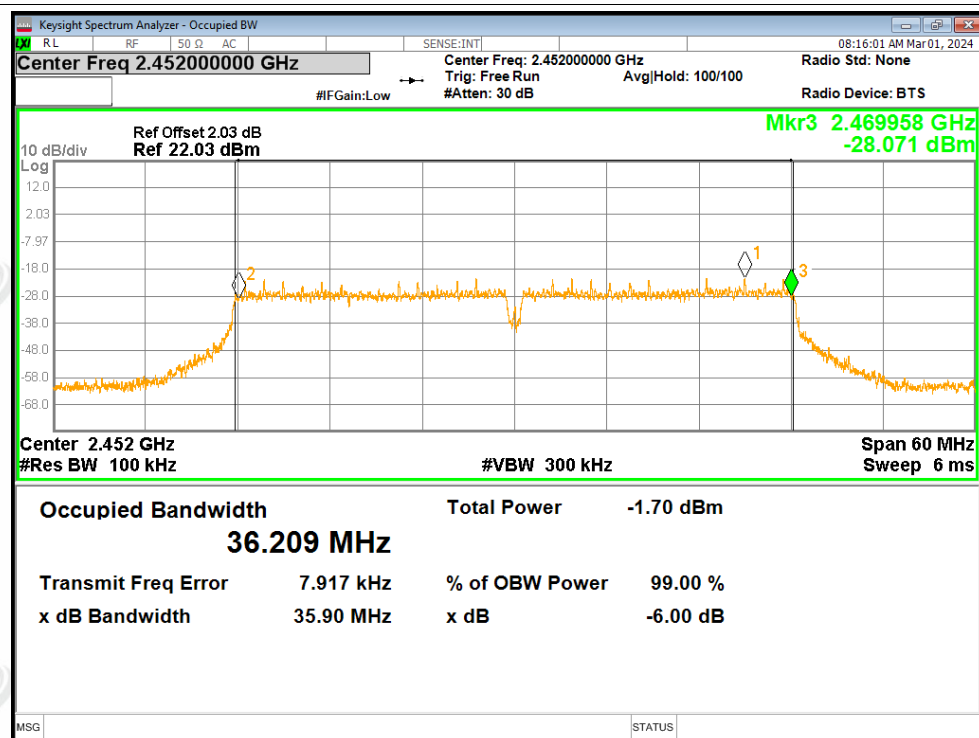


## -6dB Bandwidth NVNT n40 2437MHz Ant1

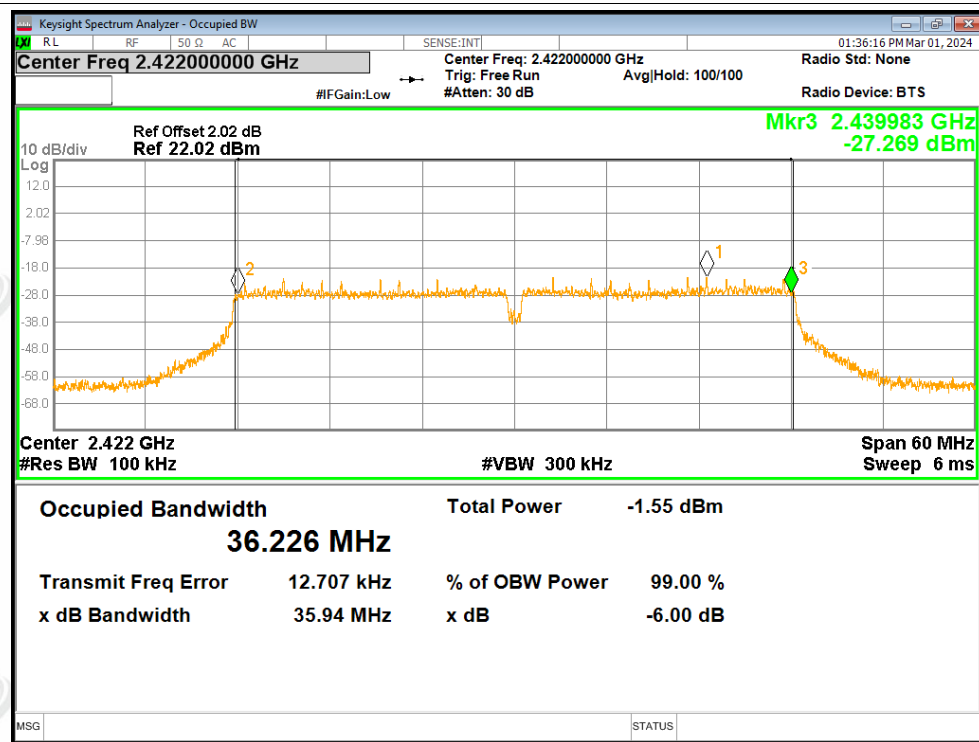




## -6dB Bandwidth NVNT n40 2452MHz Ant1

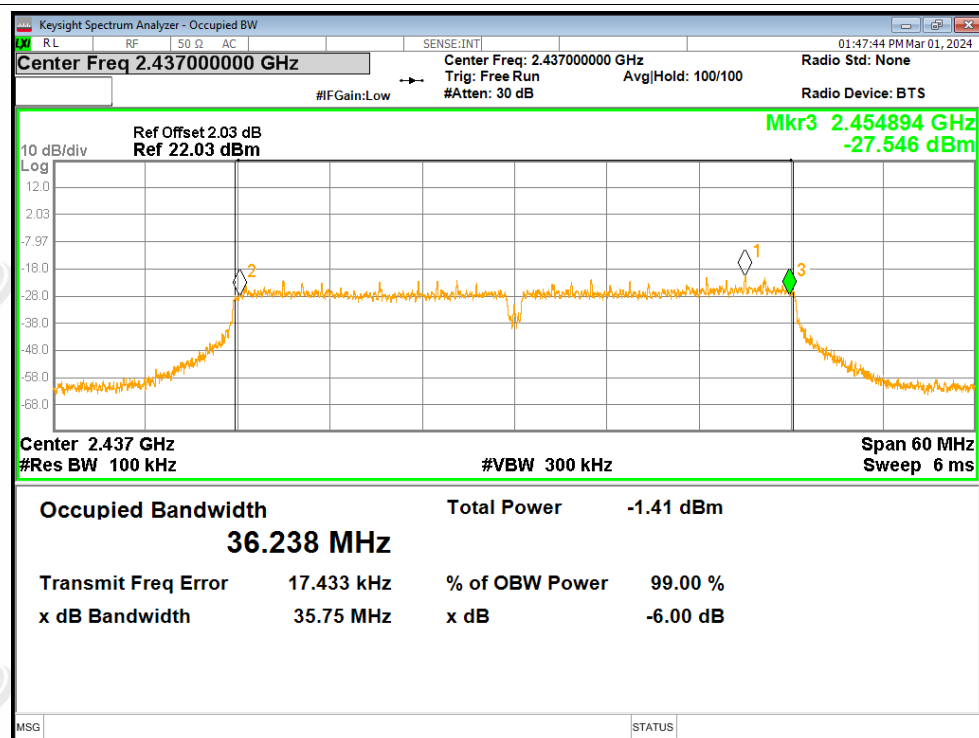


## -6dB Bandwidth NVNT n40 2422MHz Ant2

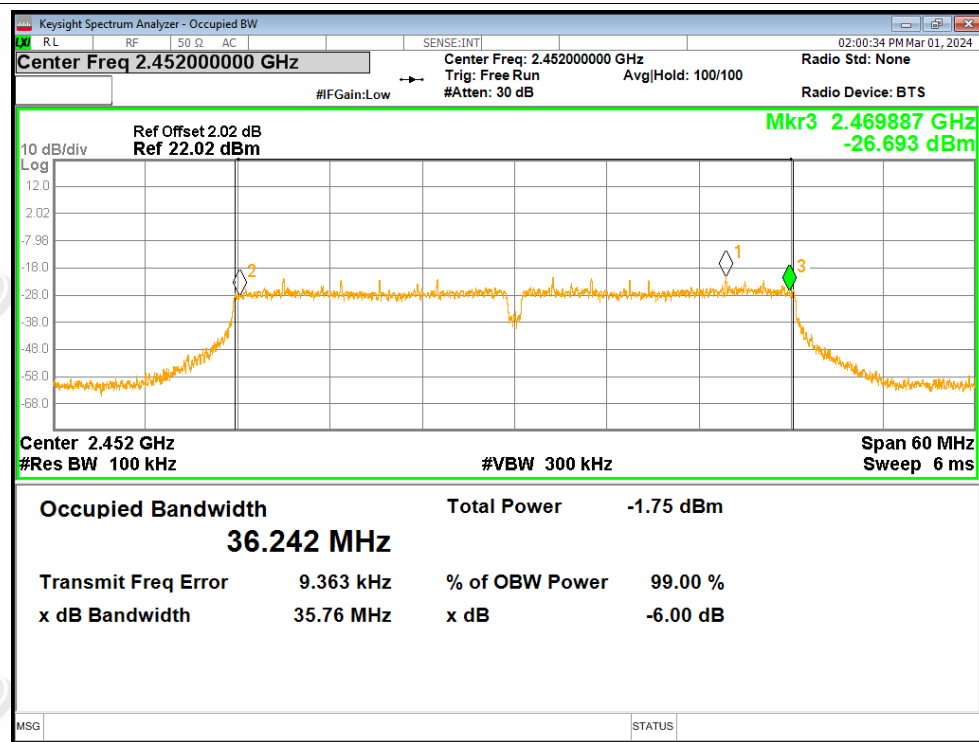




## -6dB Bandwidth NVNT n40 2437MHz Ant2



## -6dB Bandwidth NVNT n40 2452MHz Ant2



**A4. Occupied Channel Bandwidth**

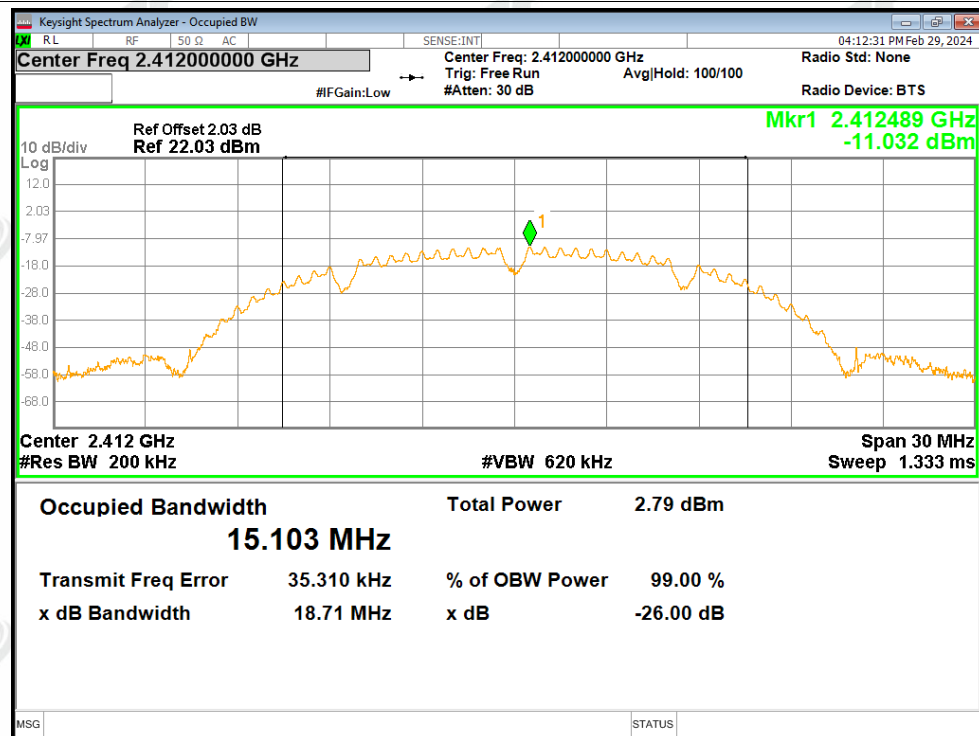
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | b    | 2412            | Ant1    | 15.103        |
| NVNT      | b    | 2437            | Ant1    | 15.195        |
| NVNT      | b    | 2462            | Ant1    | 15.151        |
| NVNT      | b    | 2412            | Ant2    | 15.121        |
| NVNT      | b    | 2437            | Ant2    | 15.162        |
| NVNT      | b    | 2462            | Ant2    | 15.161        |
| NVNT      | g    | 2412            | Ant1    | 16.646        |
| NVNT      | g    | 2437            | Ant1    | 16.724        |
| NVNT      | g    | 2462            | Ant1    | 16.718        |
| NVNT      | g    | 2412            | Ant2    | 16.691        |
| NVNT      | g    | 2437            | Ant2    | 16.703        |
| NVNT      | g    | 2462            | Ant2    | 16.69         |
| NVNT      | n20  | 2412            | Ant1    | 17.791        |
| NVNT      | n20  | 2437            | Ant1    | 17.826        |
| NVNT      | n20  | 2462            | Ant1    | 17.805        |
| NVNT      | n20  | 2412            | Ant2    | 17.796        |
| NVNT      | n20  | 2437            | Ant2    | 17.796        |
| NVNT      | n20  | 2462            | Ant2    | 17.784        |
| NVNT      | n40  | 2422            | Ant1    | 36.431        |
| NVNT      | n40  | 2437            | Ant1    | 36.424        |
| NVNT      | n40  | 2452            | Ant1    | 36.386        |
| NVNT      | n40  | 2422            | Ant2    | 36.45         |
| NVNT      | n40  | 2437            | Ant2    | 36.494        |
| NVNT      | n40  | 2452            | Ant2    | 36.449        |



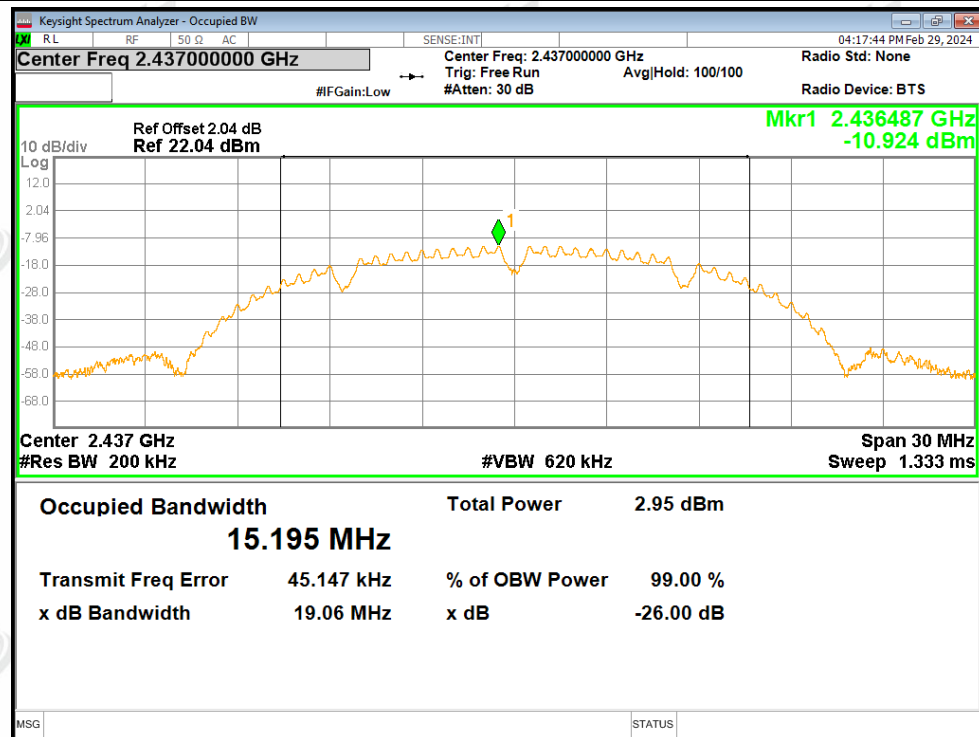


## Test Graphs

## OBW NVNT b 2412MHz Ant1

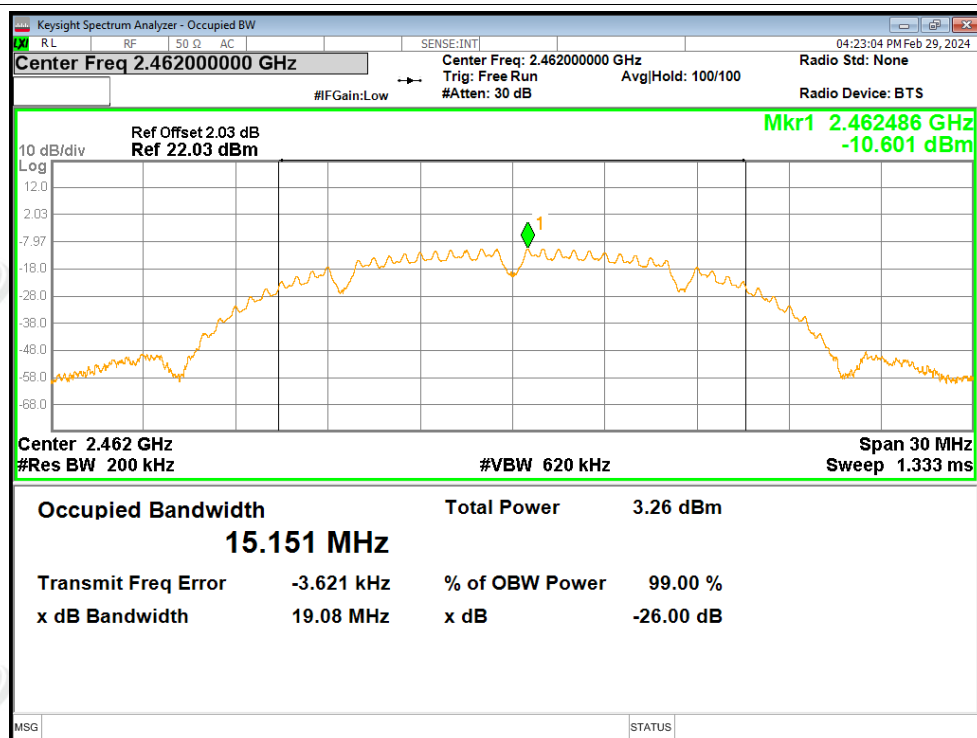


## OBW NVNT b 2437MHz Ant1

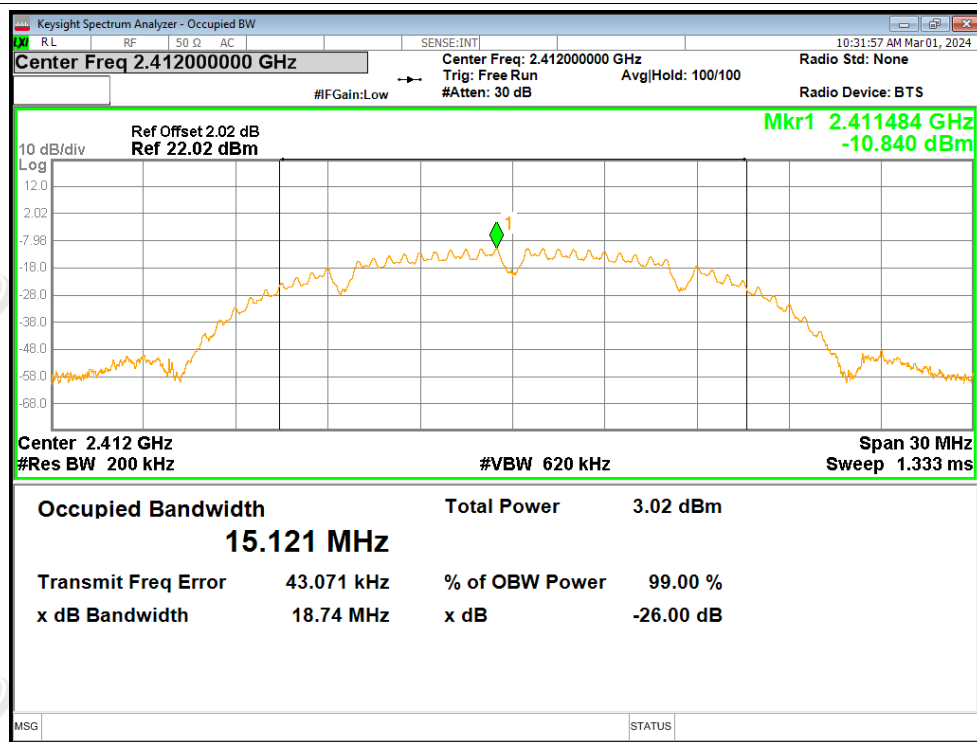




## OBW NVNT b 2462MHz Ant1

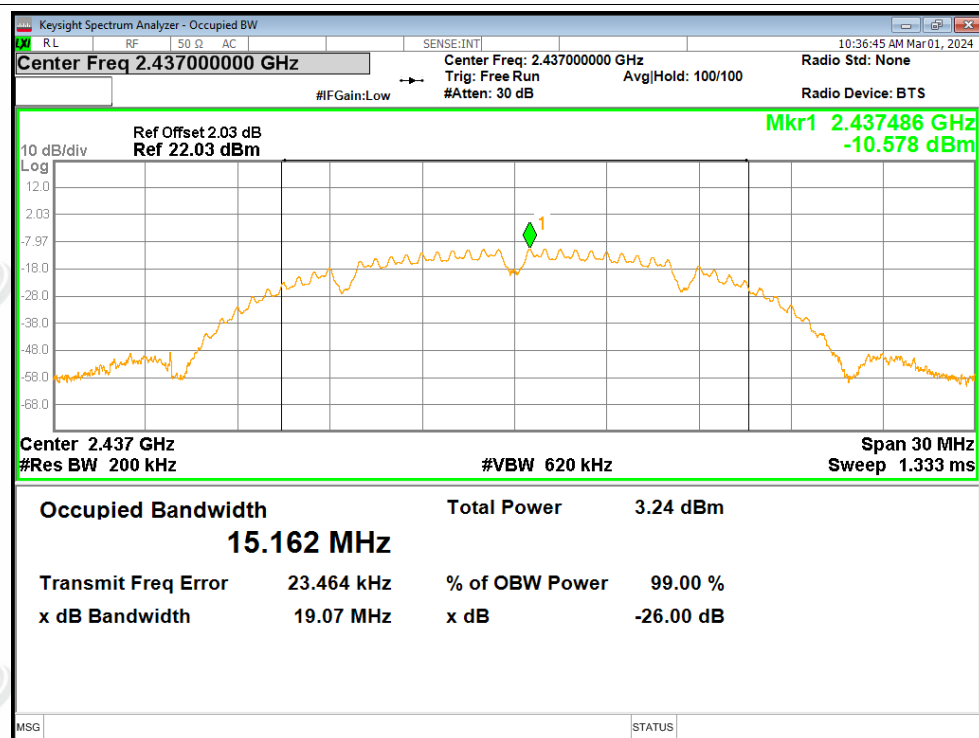


## OBW NVNT b 2412MHz Ant2

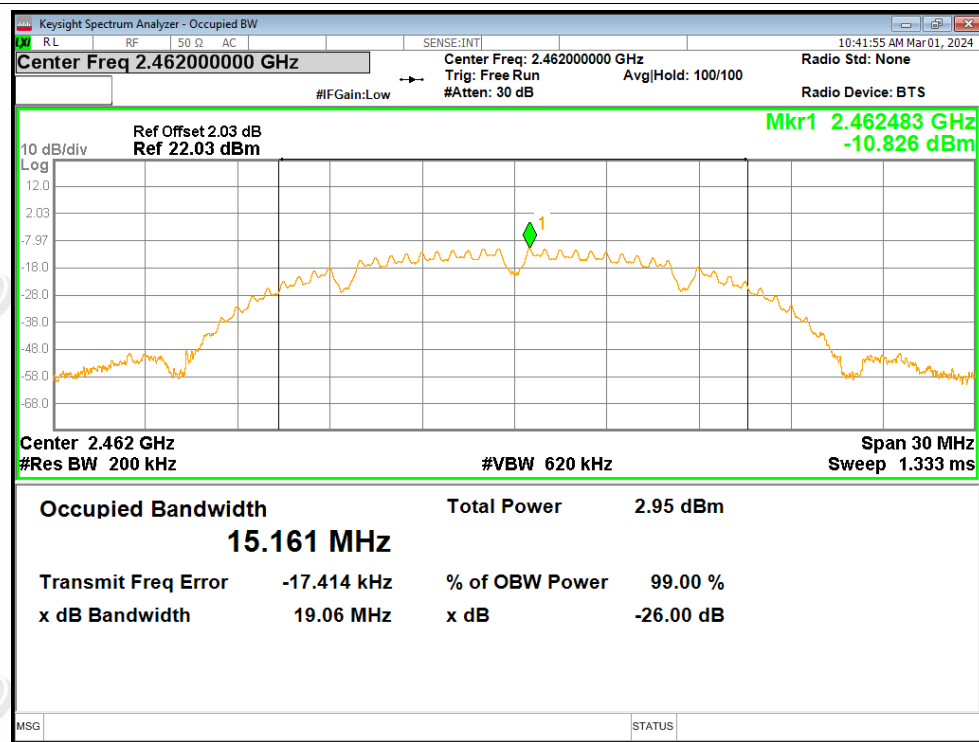




## OBW NVNT b 2437MHz Ant2

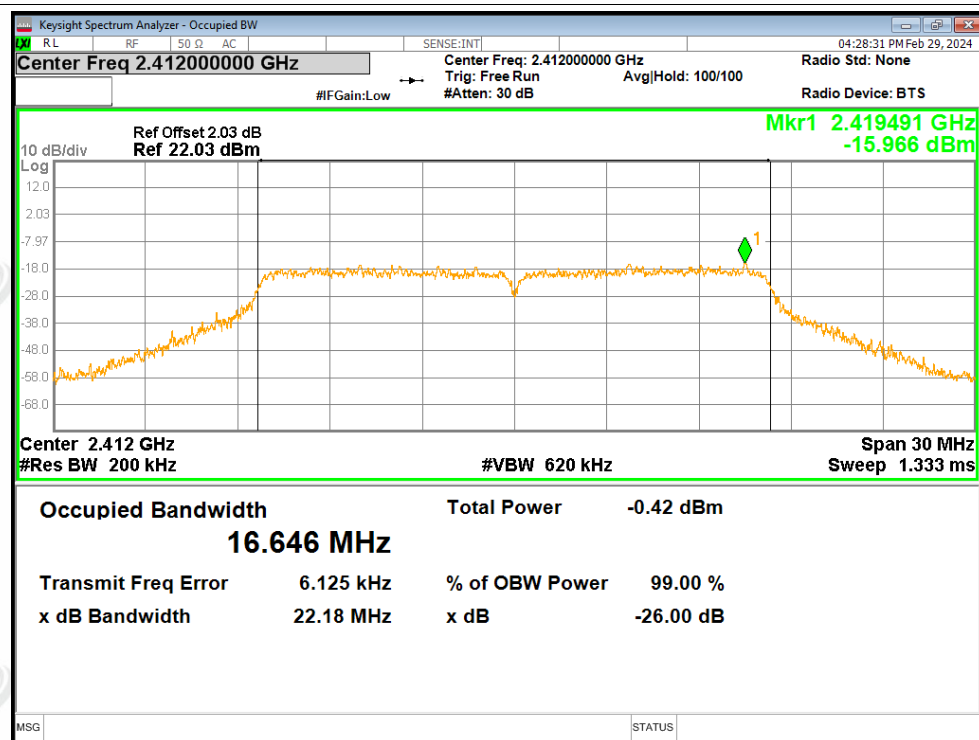


## OBW NVNT b 2462MHz Ant2

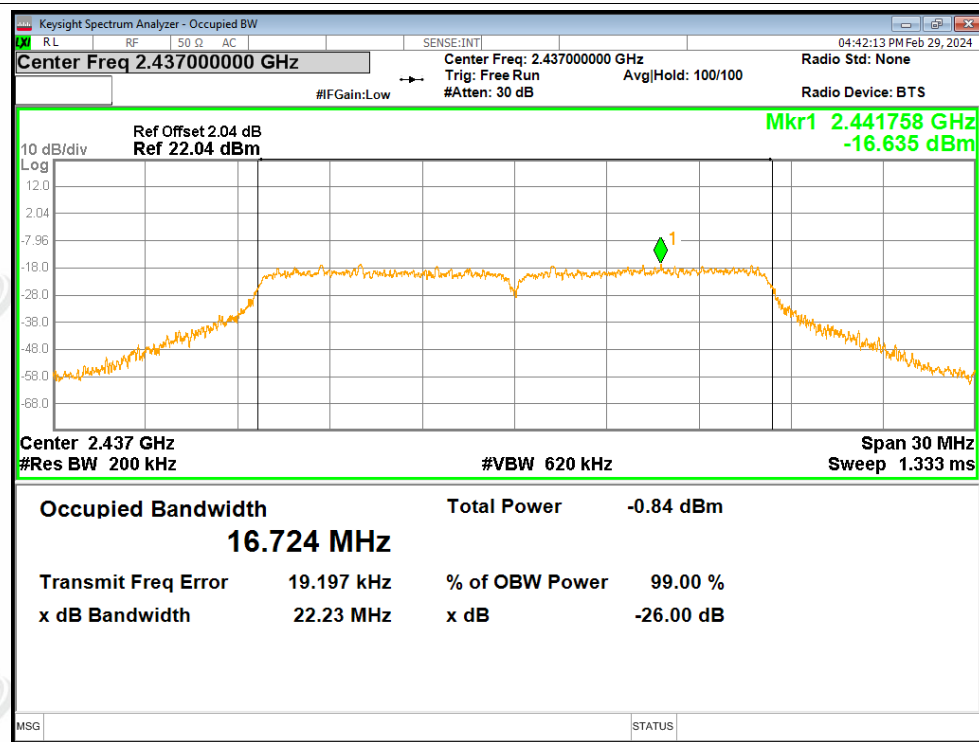




## OBW NVNT g 2412MHz Ant1

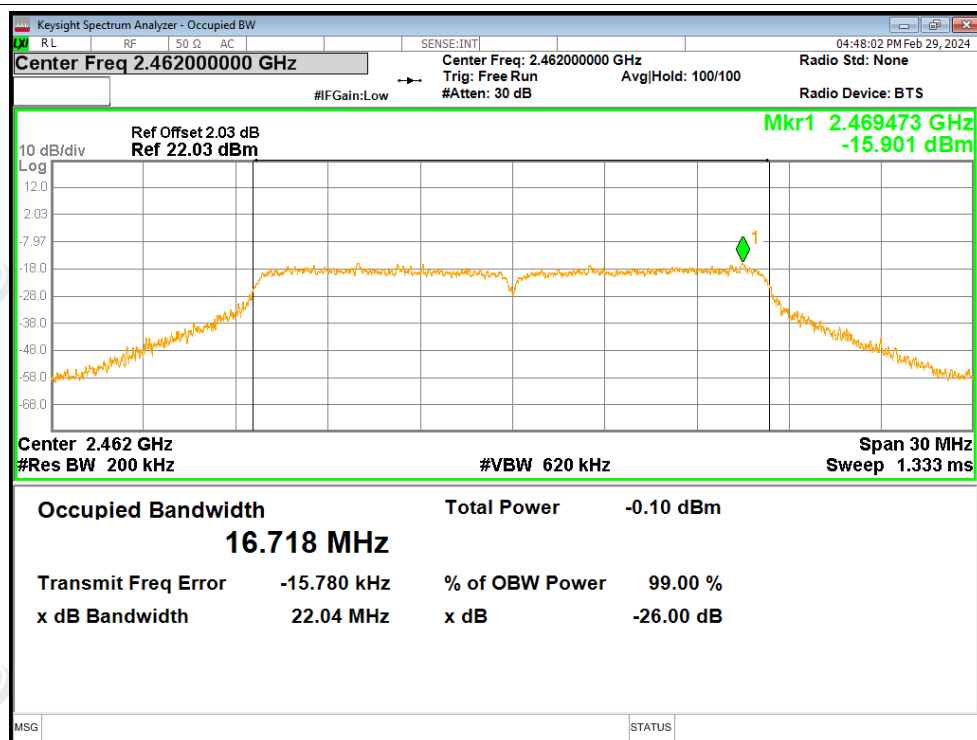


## OBW NVNT g 2437MHz Ant1

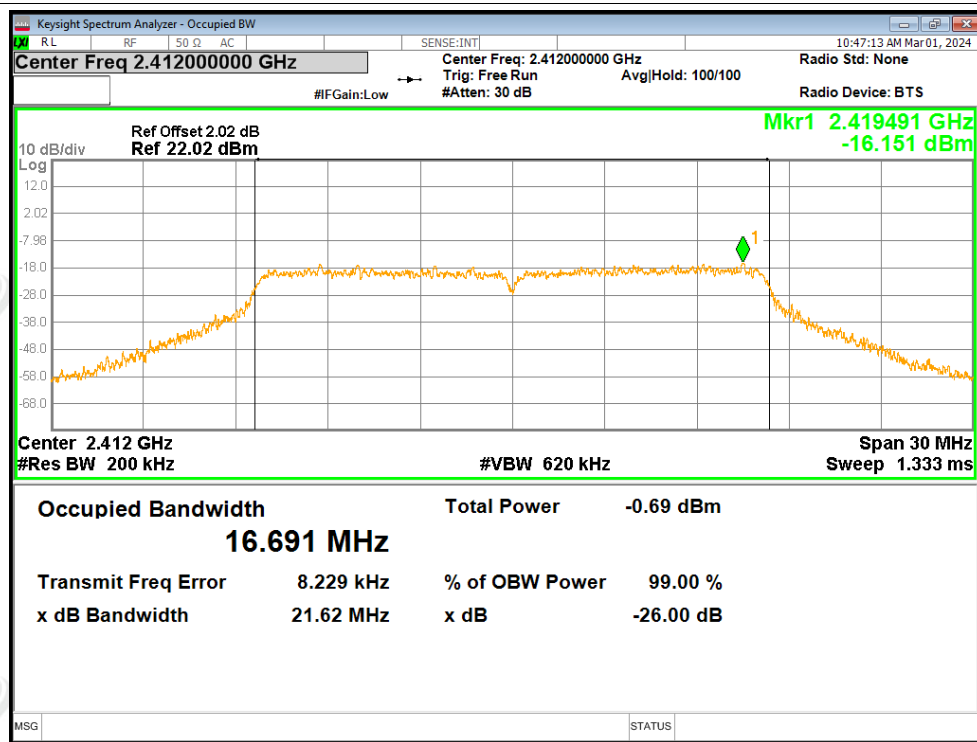




## OBW NVNT g 2462MHz Ant1

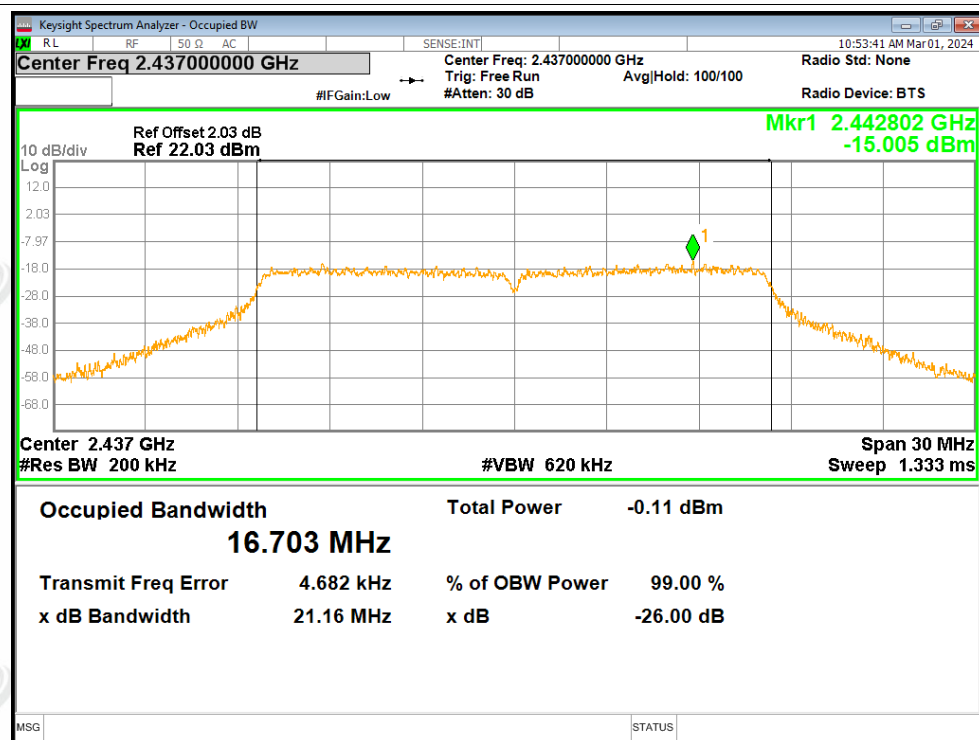


## OBW NVNT g 2412MHz Ant2

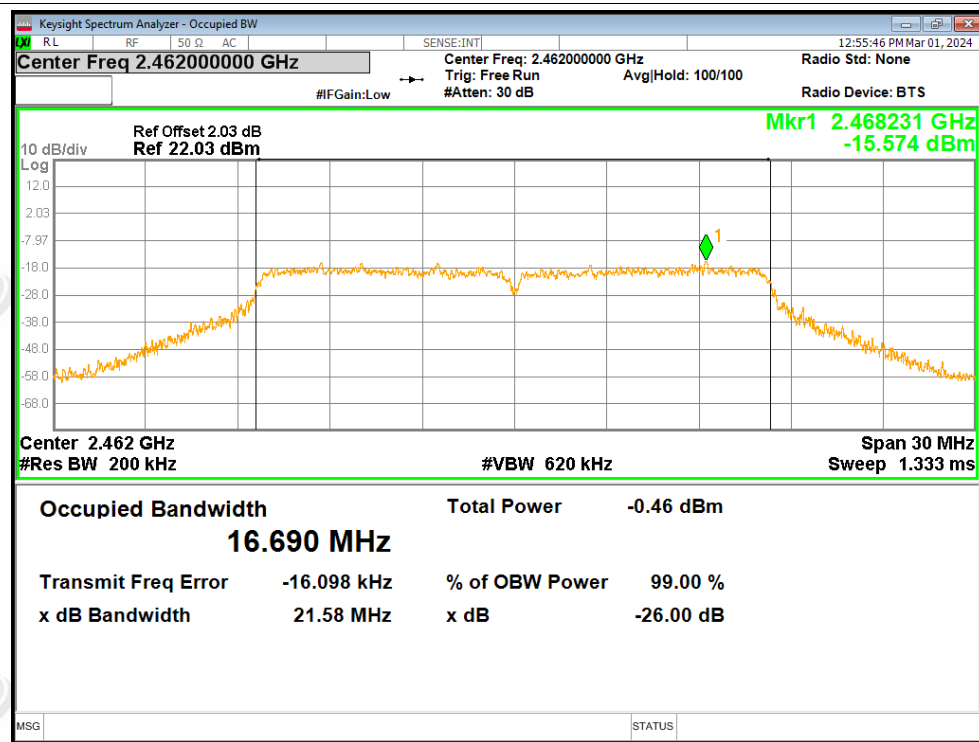




## OBW NVNT g 2437MHz Ant2

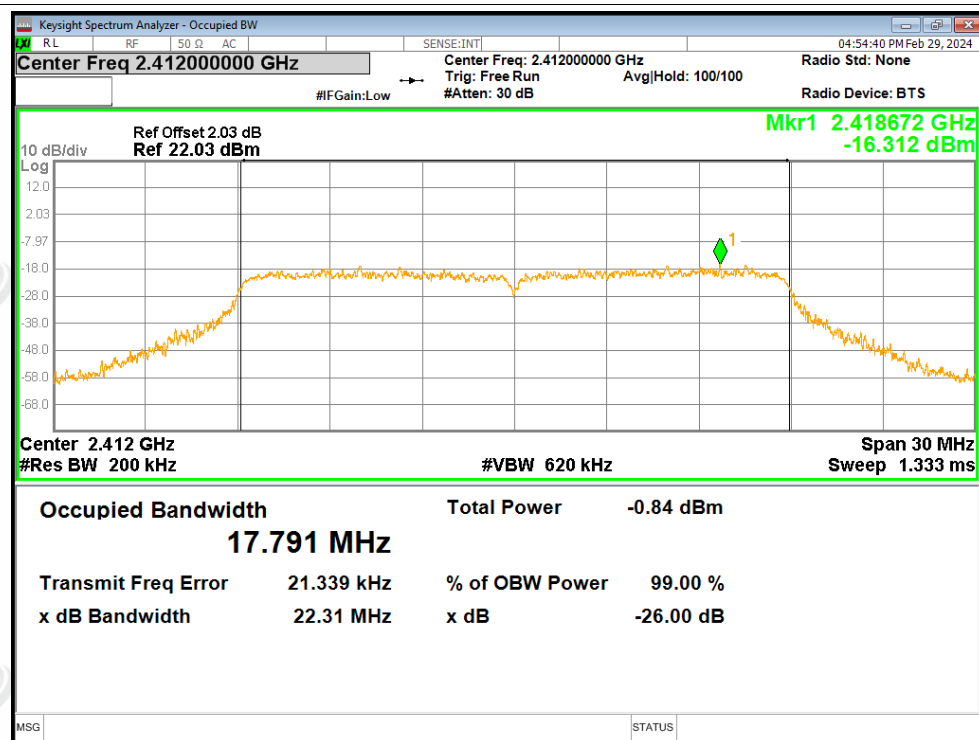


## OBW NVNT g 2462MHz Ant2

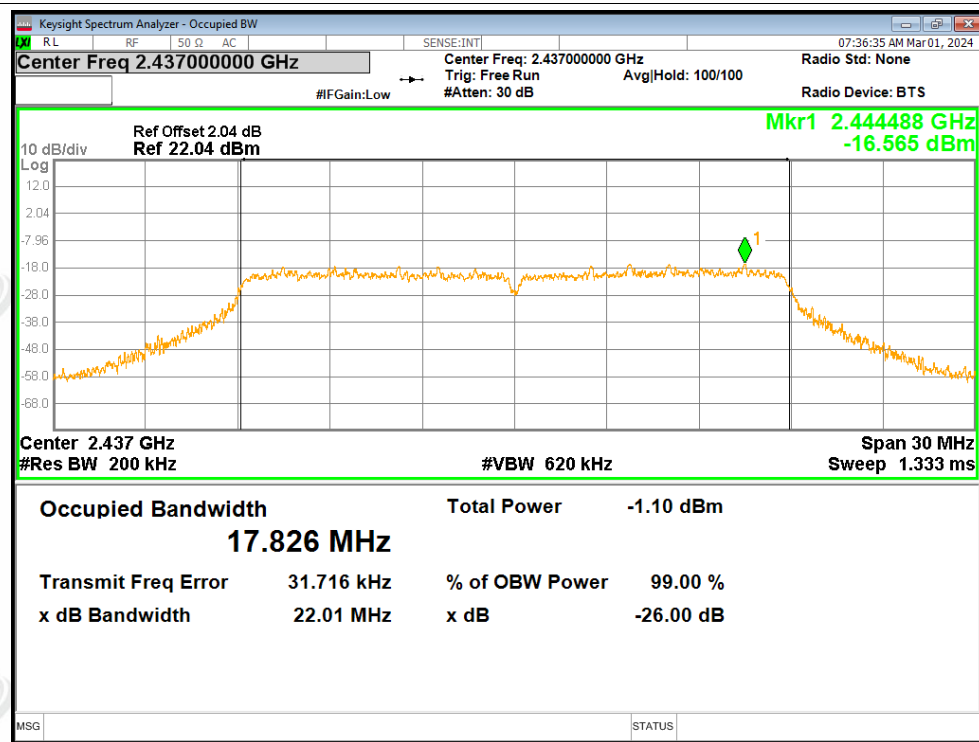




## OBW NVNT n20 2412MHz Ant1



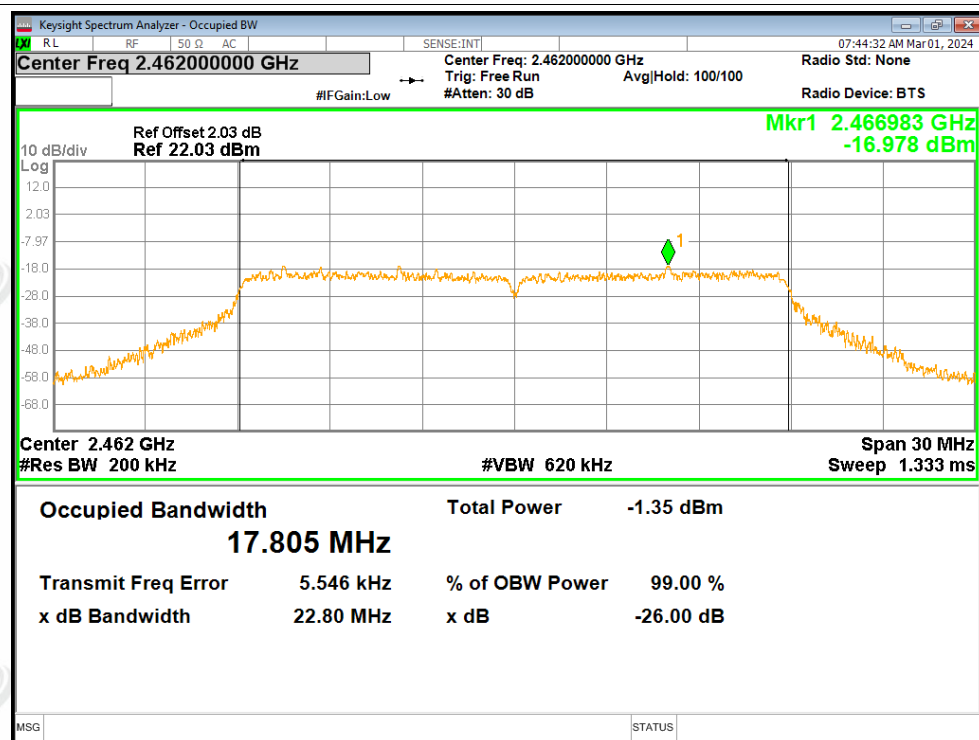
## OBW NVNT n20 2437MHz Ant1



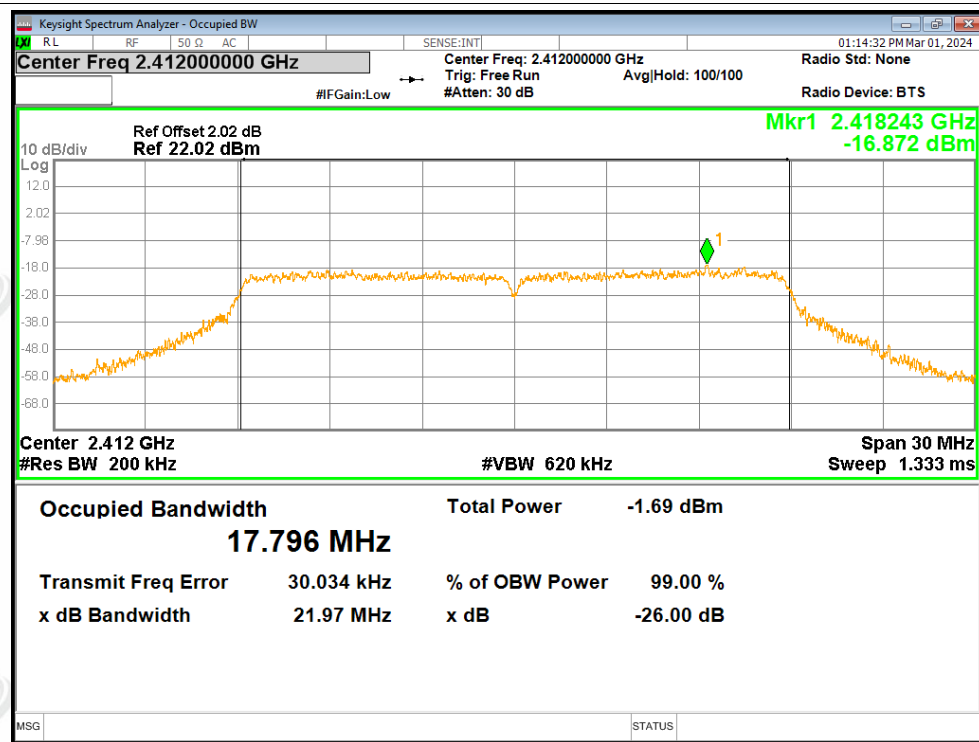




## OBW NVNT n20 2462MHz Ant1

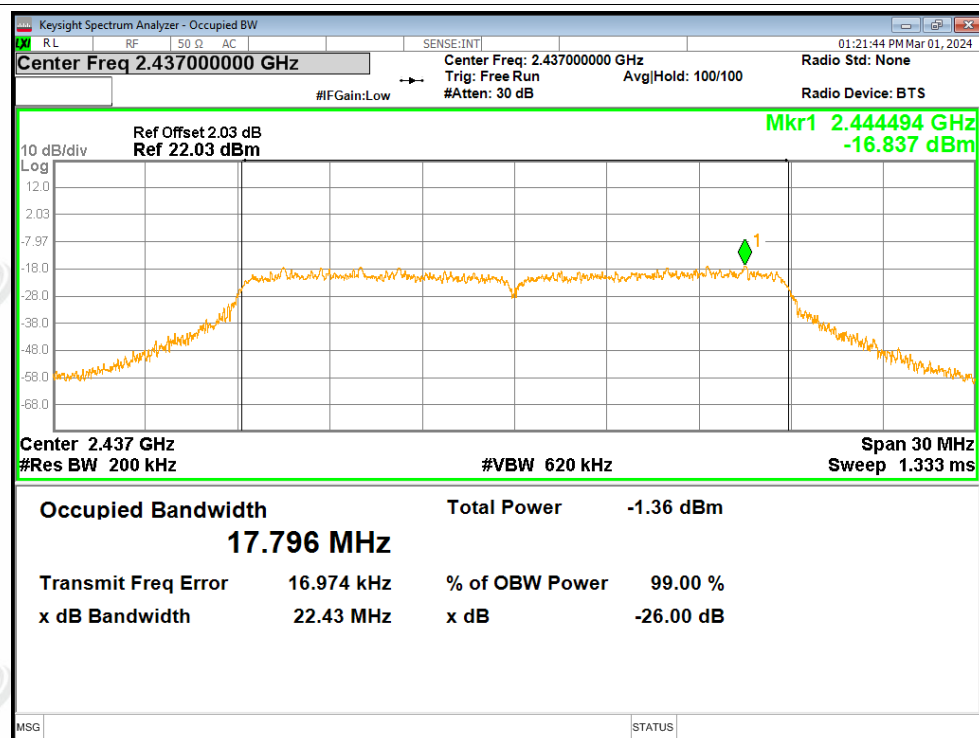


## OBW NVNT n20 2412MHz Ant2

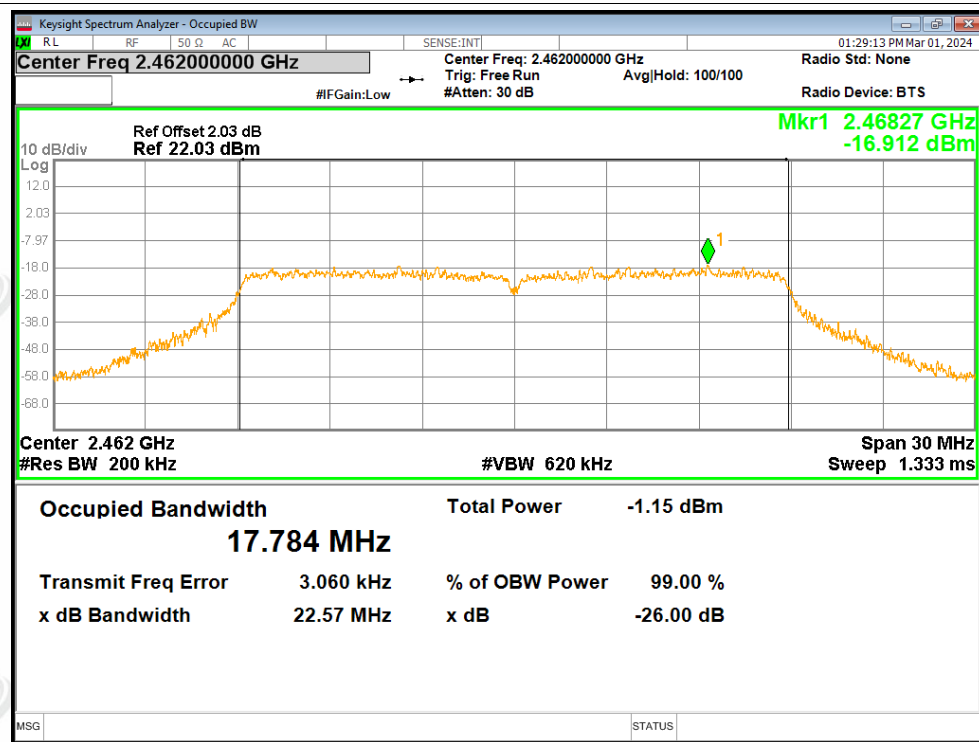




## OBW NVNT n20 2437MHz Ant2

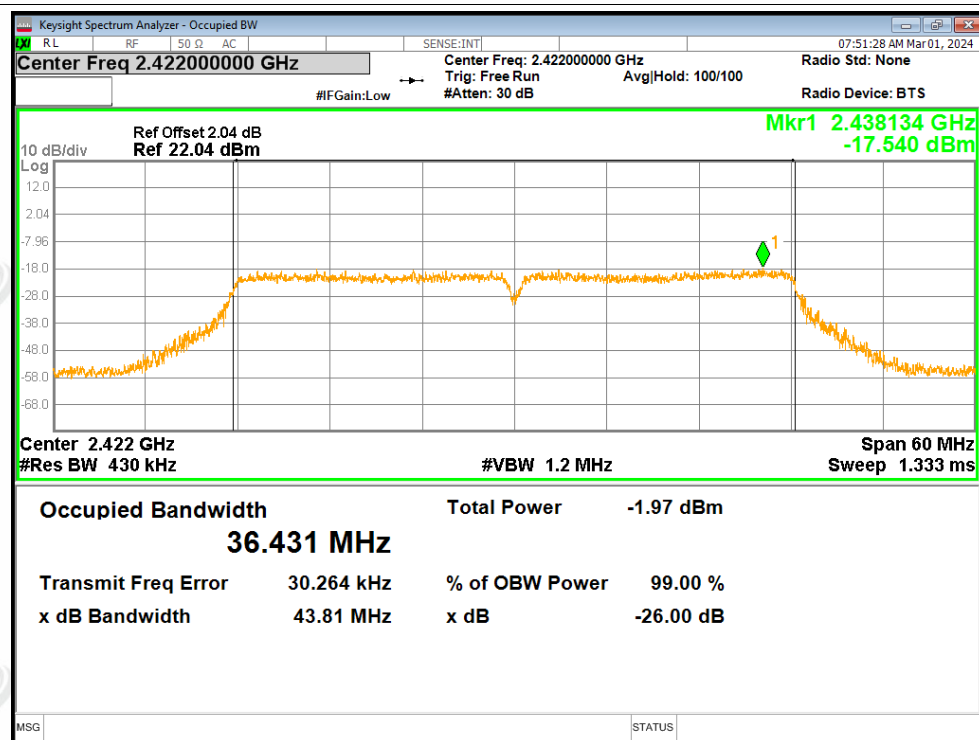


## OBW NVNT n20 2462MHz Ant2

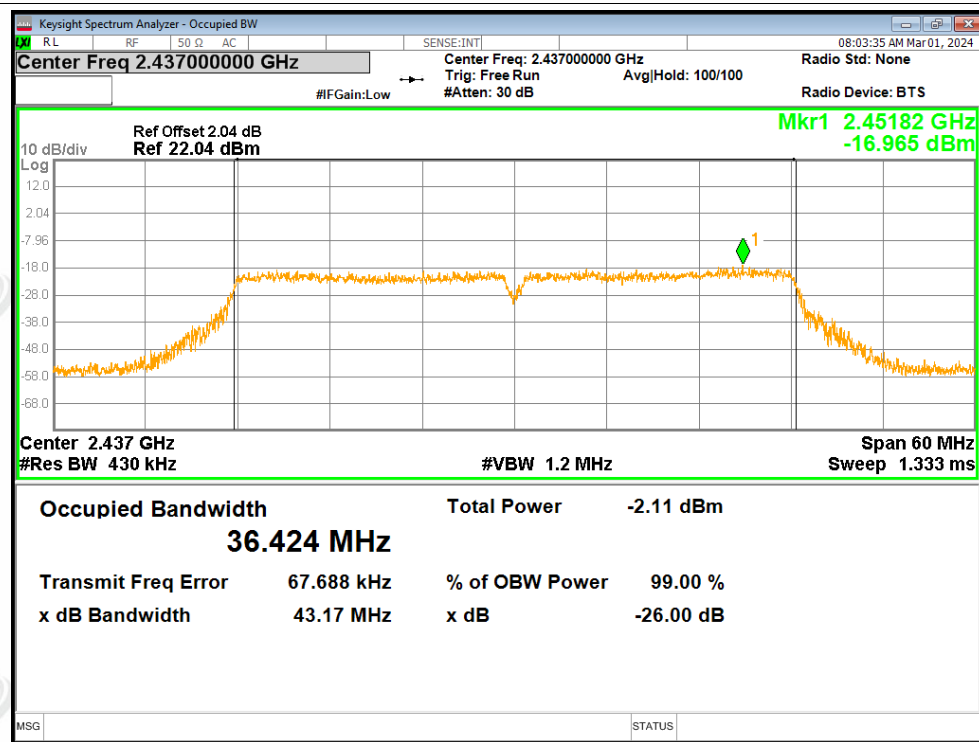




## OBW NVNT n40 2422MHz Ant1

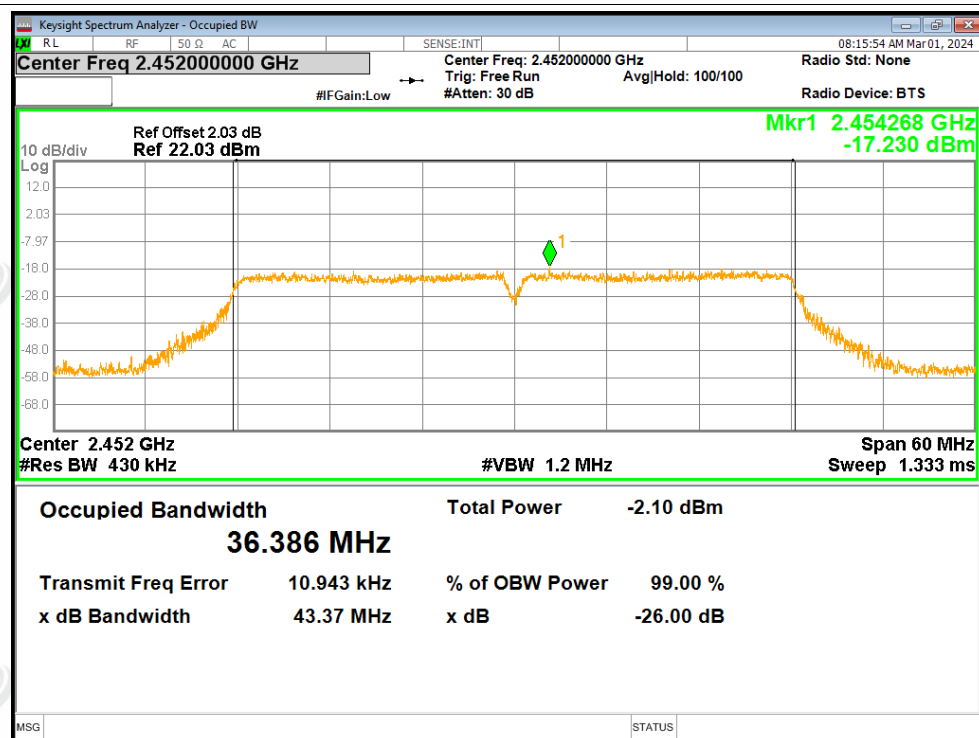


## OBW NVNT n40 2437MHz Ant1

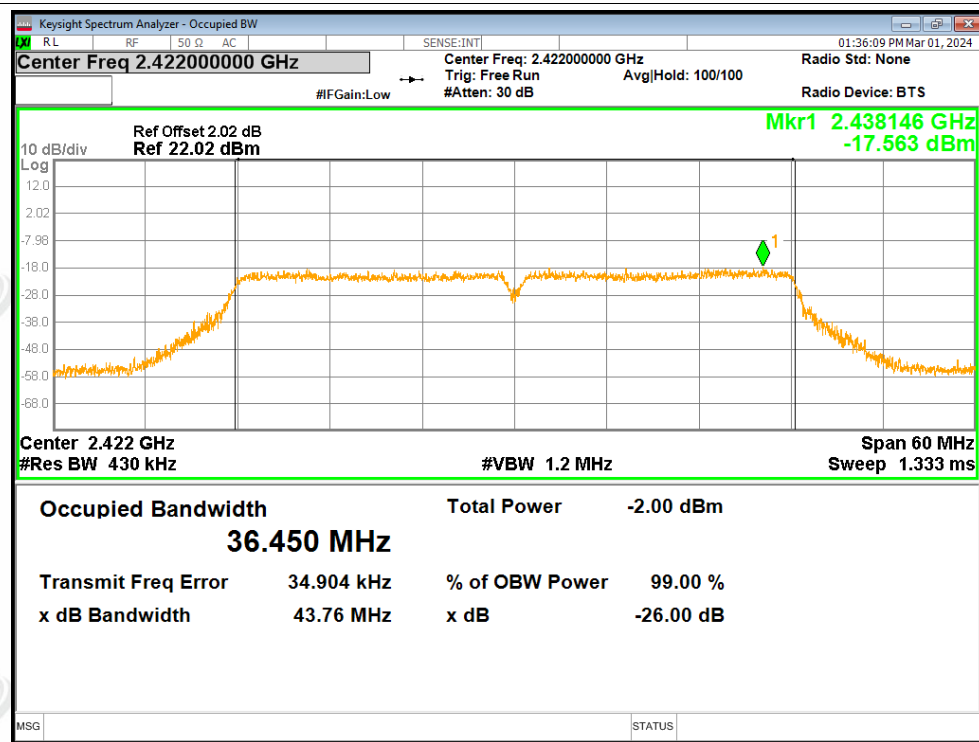




## OBW NVNT n40 2452MHz Ant1

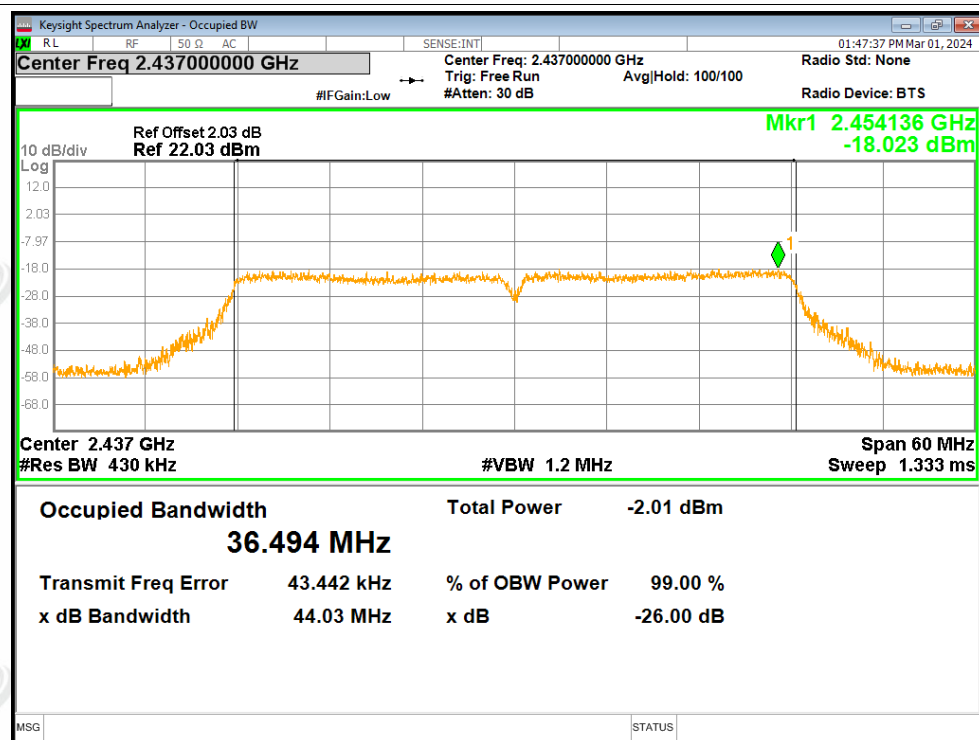


## OBW NVNT n40 2422MHz Ant2

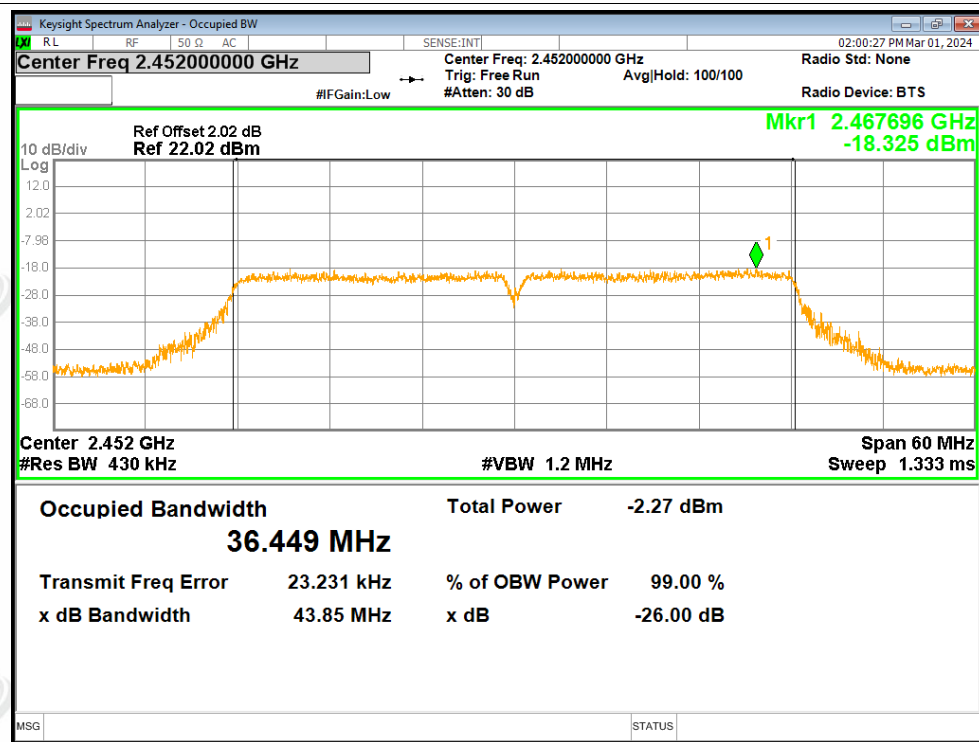




## OBW NVNT n40 2437MHz Ant2



## OBW NVNT n40 2452MHz Ant2



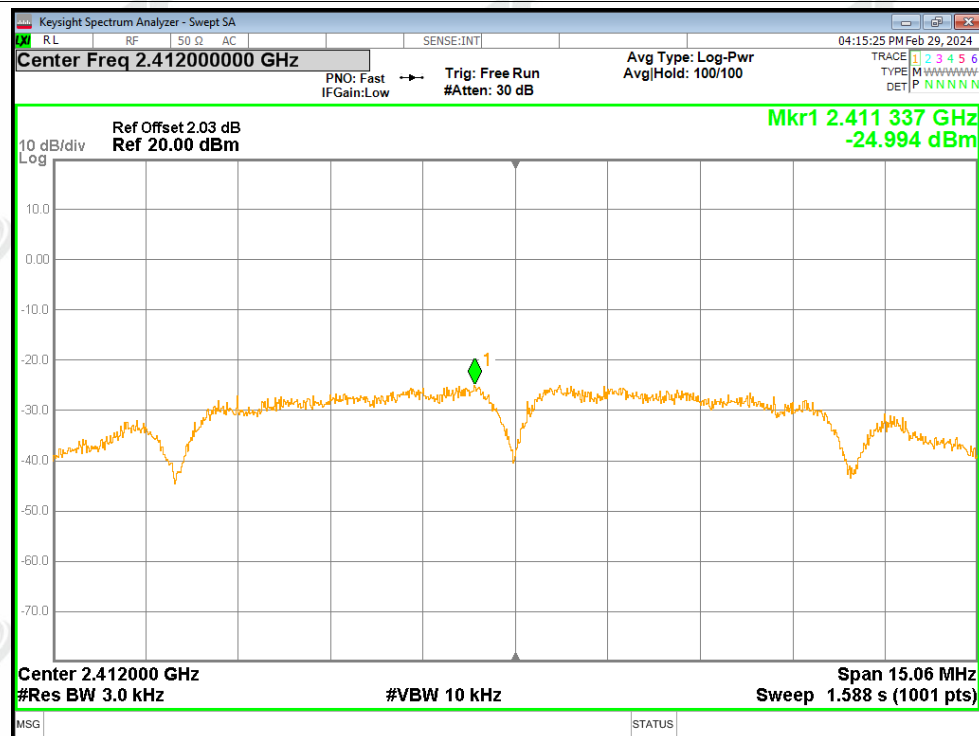
**A5. Maximum Power Spectral Density Level**

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|------|-----------------|---------|--------------------------|------------------|---------|
| NVNT      | b    | 2412            | Ant1    | -24.99                   | 8                | Pass    |
| NVNT      | b    | 2437            | Ant1    | -24.33                   | 8                | Pass    |
| NVNT      | b    | 2462            | Ant1    | -23.24                   | 8                | Pass    |
| NVNT      | b    | 2412            | Ant2    | -23.57                   | 8                | Pass    |
| NVNT      | b    | 2437            | Ant2    | -23.59                   | 8                | Pass    |
| NVNT      | b    | 2462            | Ant2    | -23.95                   | 8                | Pass    |
| NVNT      | g    | 2412            | Ant1    | -30.04                   | 8                | Pass    |
| NVNT      | g    | 2437            | Ant1    | -30.09                   | 8                | Pass    |
| NVNT      | g    | 2462            | Ant1    | -28.21                   | 8                | Pass    |
| NVNT      | g    | 2412            | Ant2    | -29.07                   | 8                | Pass    |
| NVNT      | g    | 2437            | Ant2    | -29.35                   | 8                | Pass    |
| NVNT      | g    | 2462            | Ant2    | -30.3                    | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -30.84                   | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -30.8                    | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -31.11                   | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant2    | -30.44                   | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant2    | -30.34                   | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant2    | -30.96                   | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -34                      | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -33.65                   | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -34.3                    | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant2    | -33.13                   | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant2    | -33.64                   | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant2    | -33.95                   | 8                | Pass    |
| NVNT      | n20  | n20             | MIMO    | -27.63                   | 8                | Pass    |
| NVNT      | n20  | n20             | MIMO    | -27.55                   | 8                | Pass    |
| NVNT      | n20  | n20             | MIMO    | -28.02                   | 8                | Pass    |
| NVNT      | n40  | 2422            | MIMO    | -30.53                   | 8                | Pass    |
| NVNT      | n40  | 2437            | MIMO    | -30.63                   | 8                | Pass    |
| NVNT      | n40  | 2452            | MIMO    | -31.11                   | 8                | Pass    |

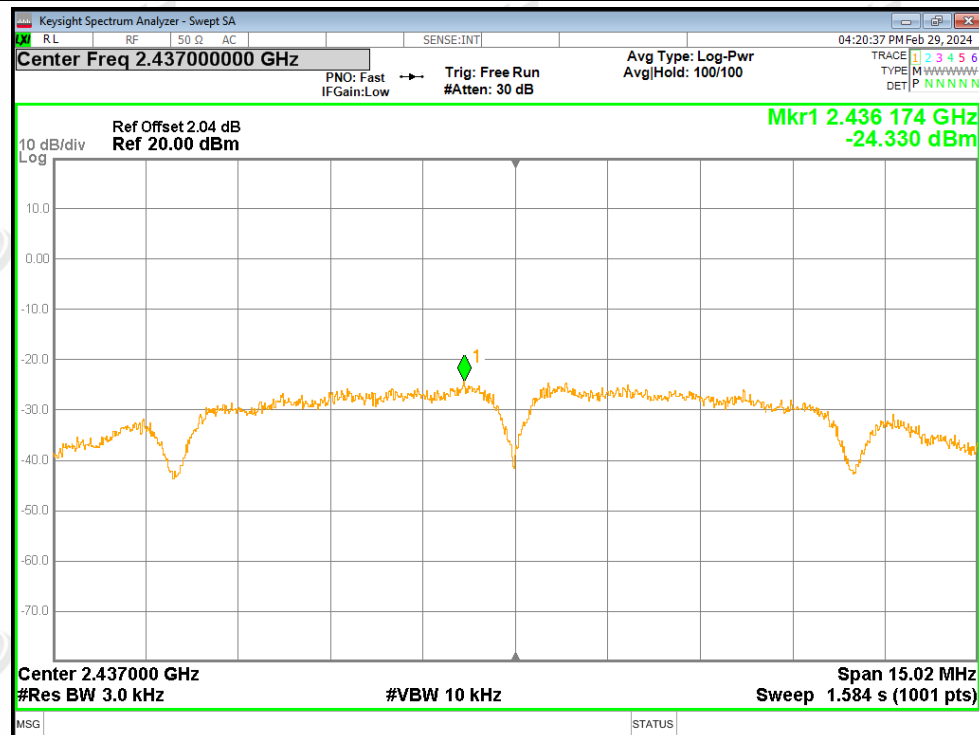


## Test Graphs

## PSD NVNT b 2412MHz Ant1



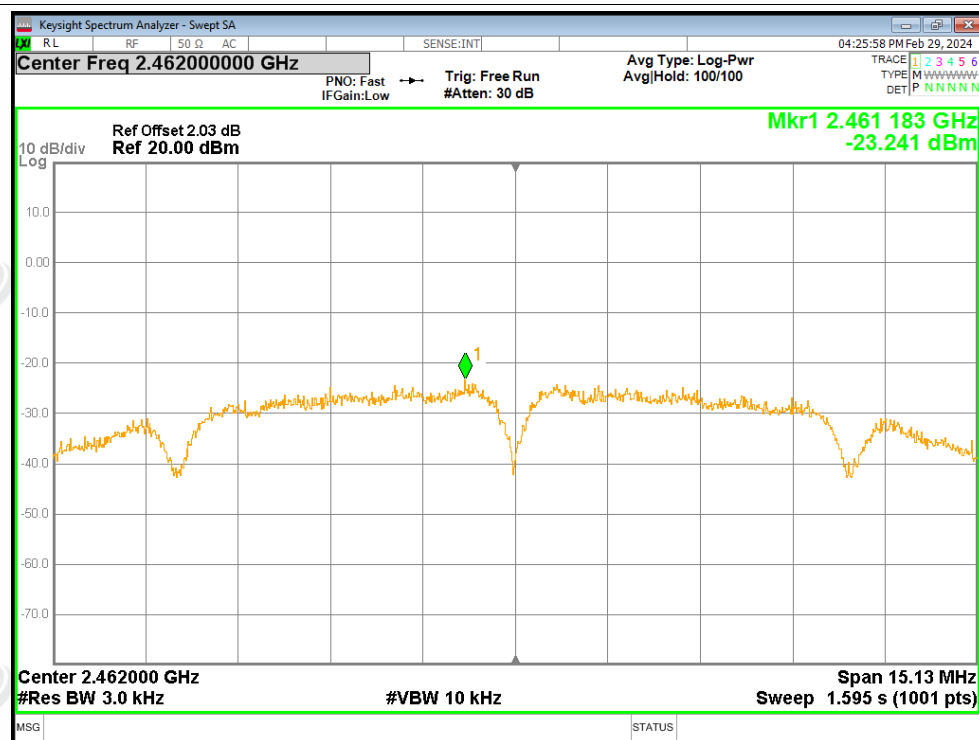
## PSD NVNT b 2437MHz Ant1



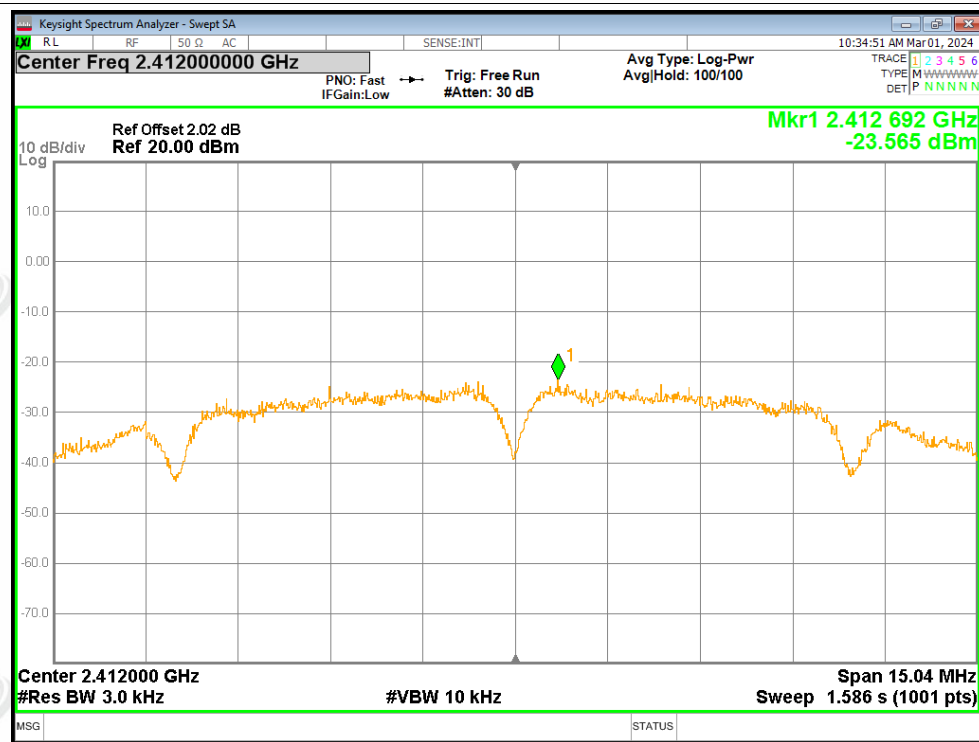




PSD NVNT b 2462MHz Ant1

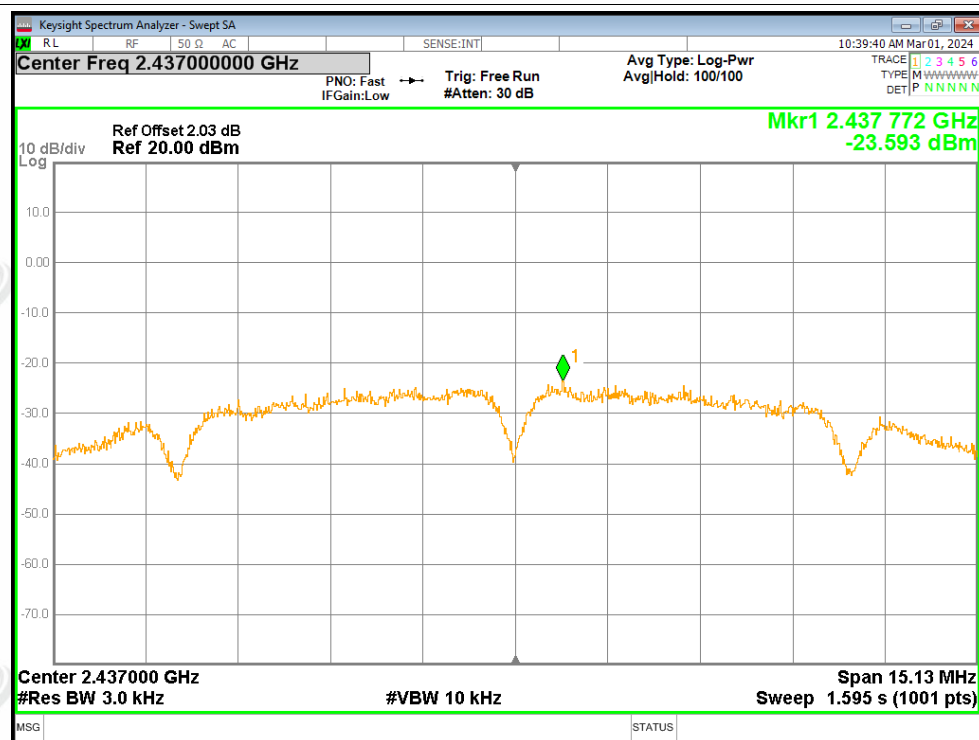


PSD NVNT b 2412MHz Ant2

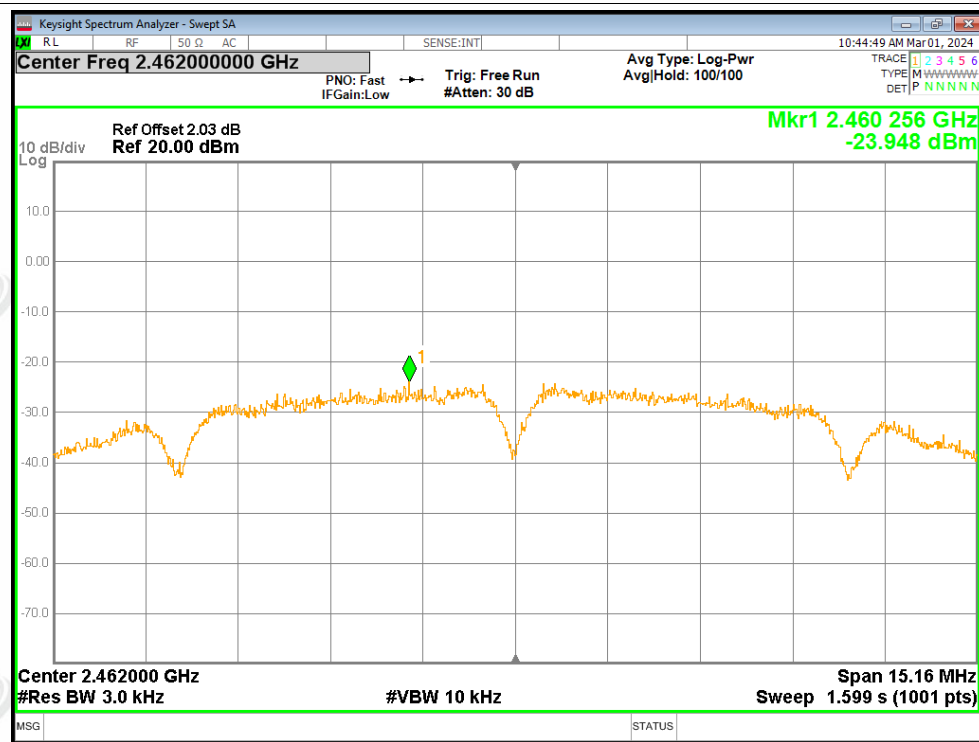




PSD NVNT b 2437MHz Ant2

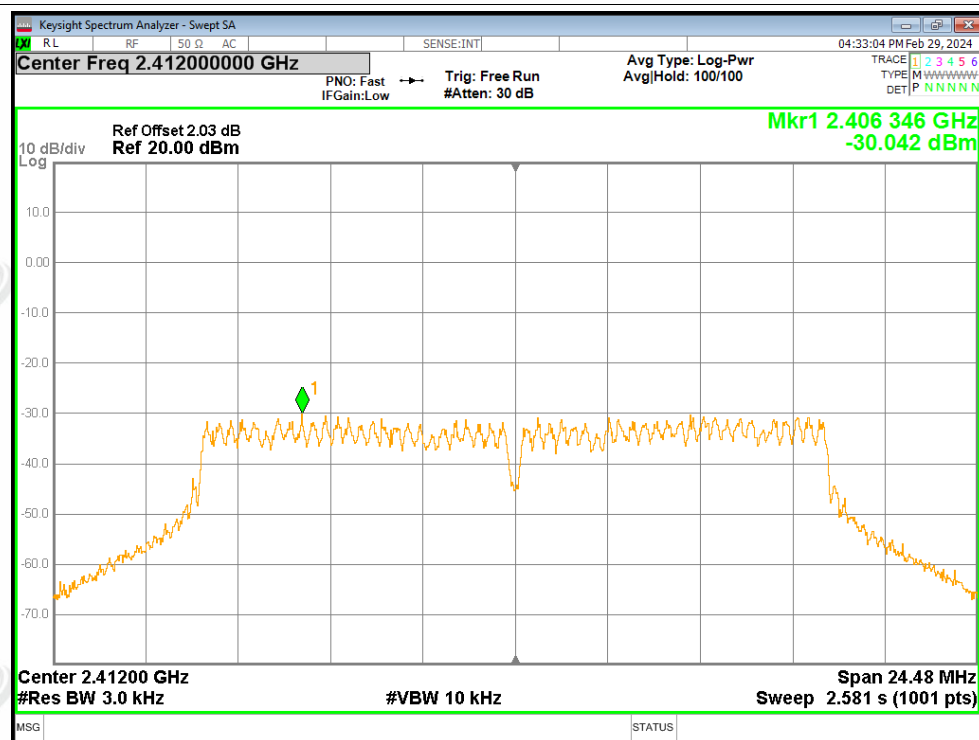


PSD NVNT b 2462MHz Ant2

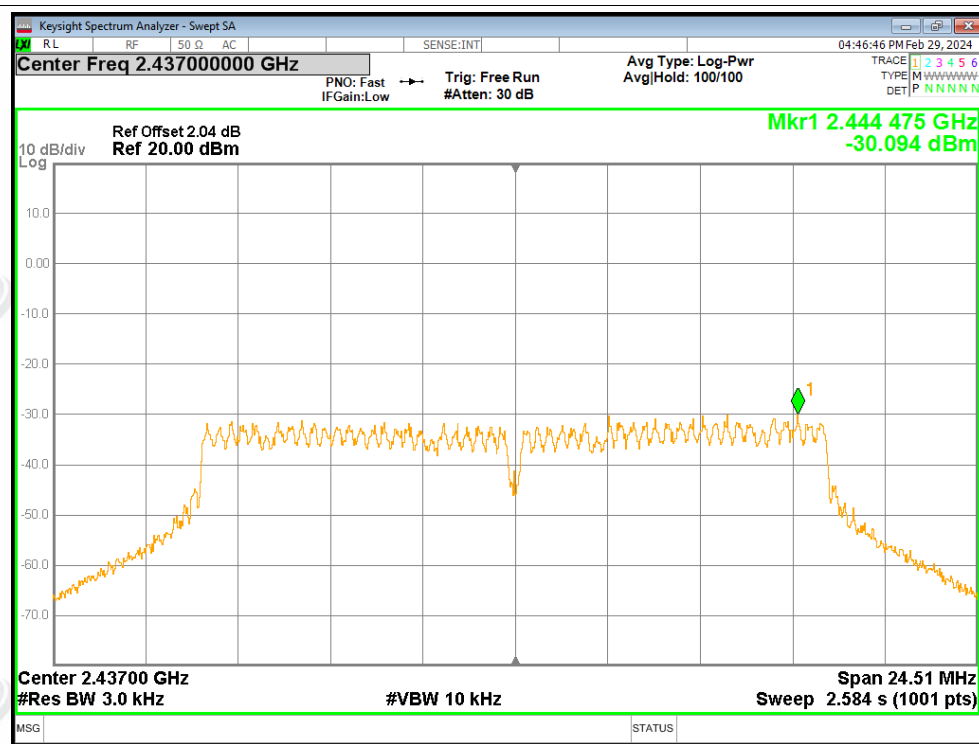




PSD NVNT g 2412MHz Ant1

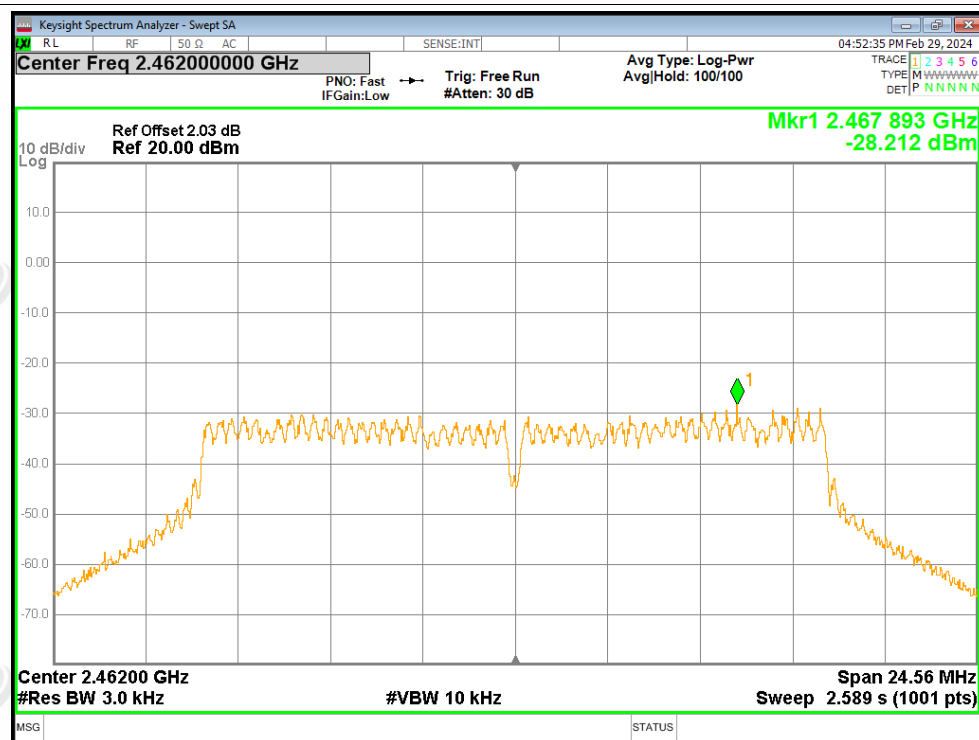


PSD NVNT g 2437MHz Ant1

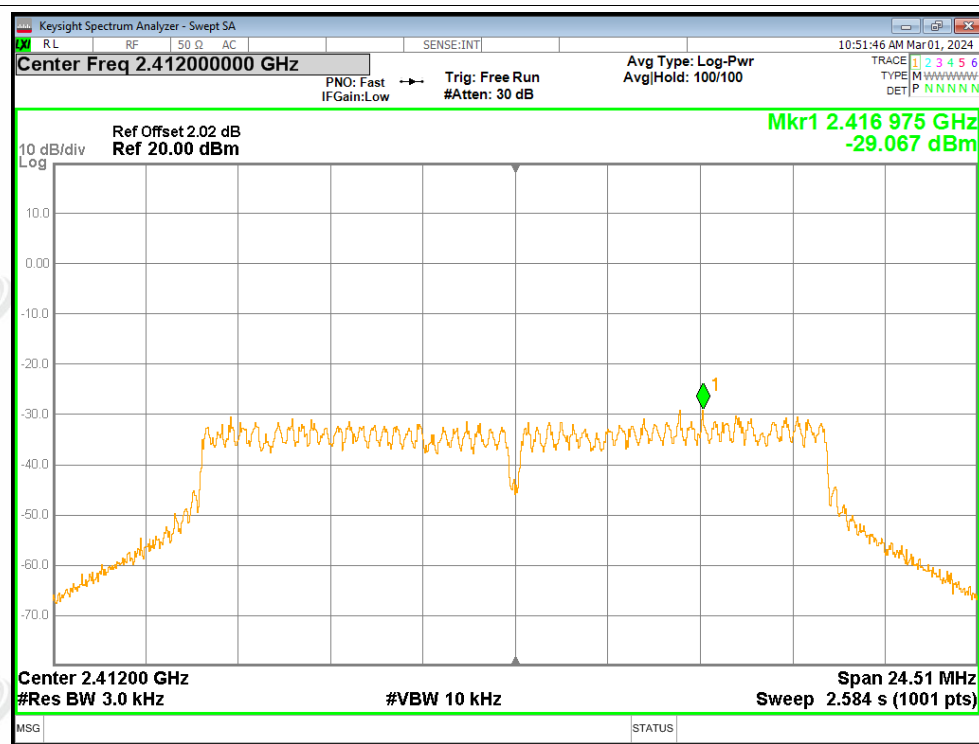




PSD NVNT g 2462MHz Ant1

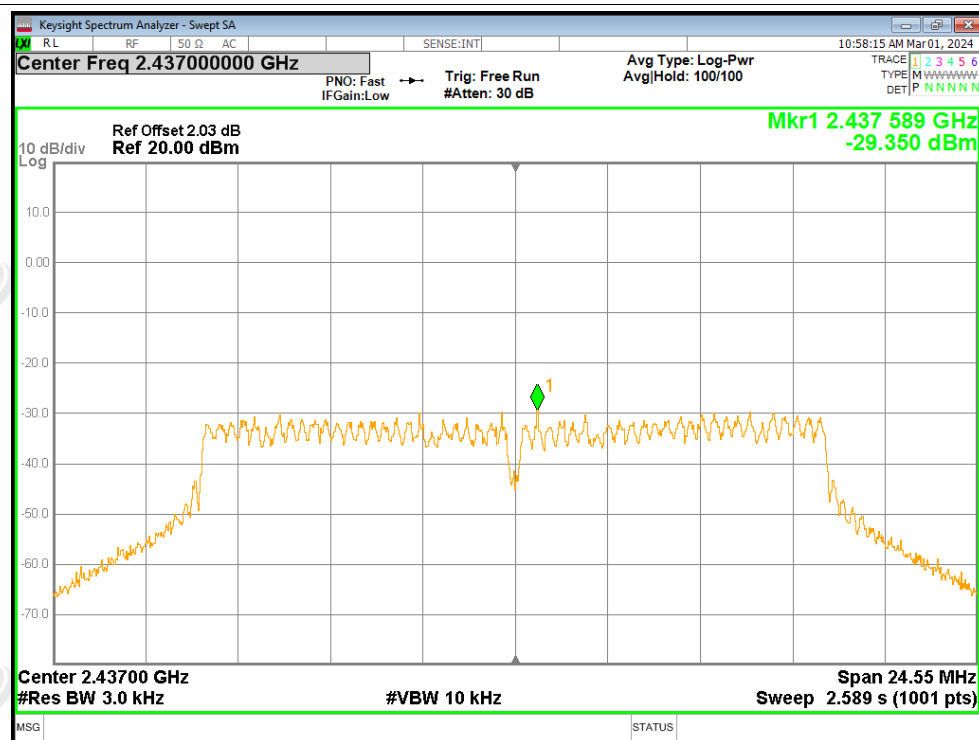


PSD NVNT g 2412MHz Ant2

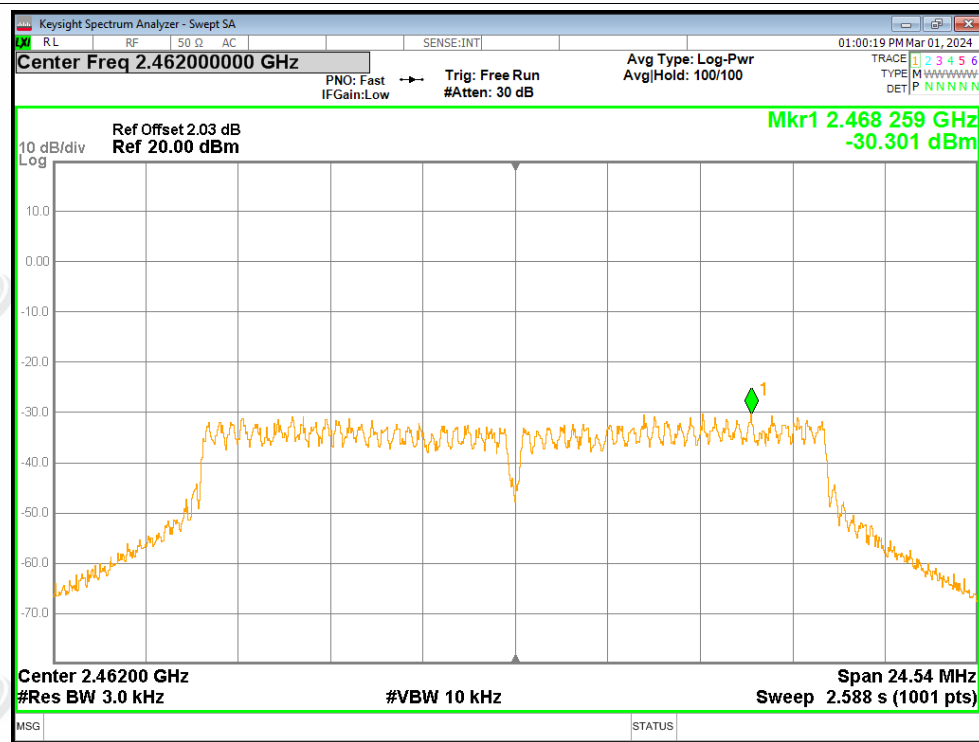




PSD NVNT g 2437MHz Ant2

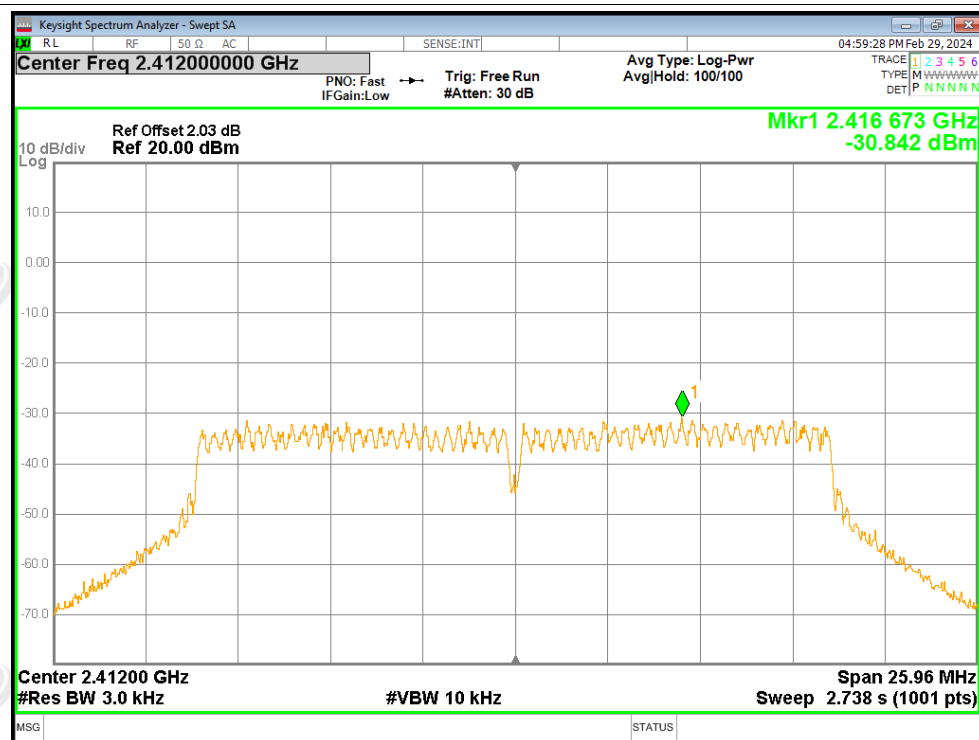


PSD NVNT g 2462MHz Ant2

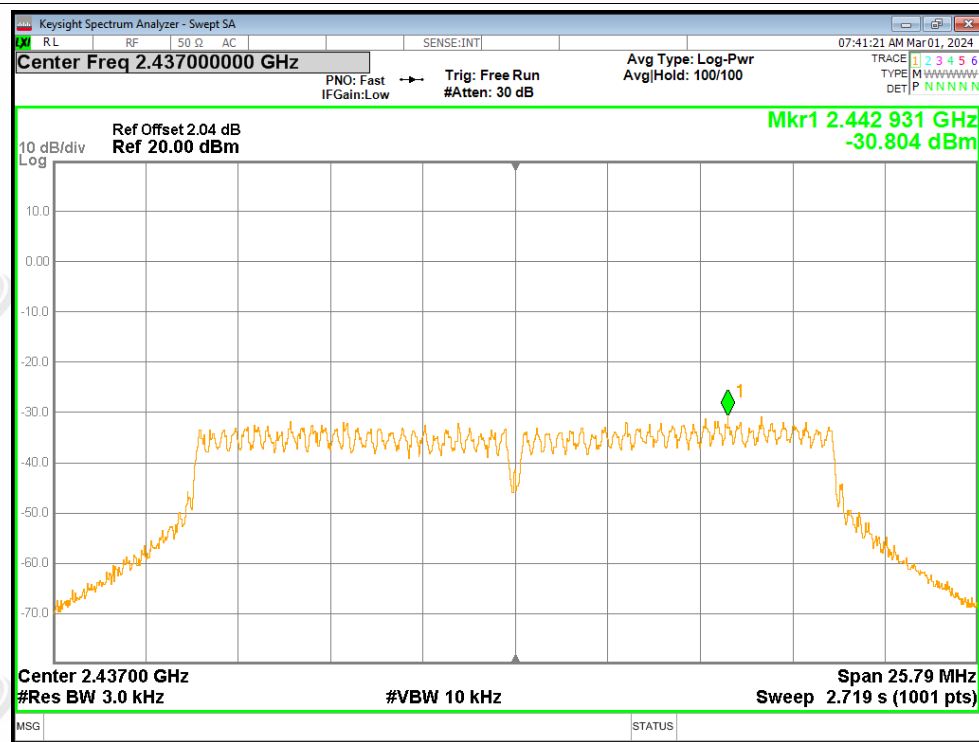




PSD NVNT n20 2412MHz Ant1

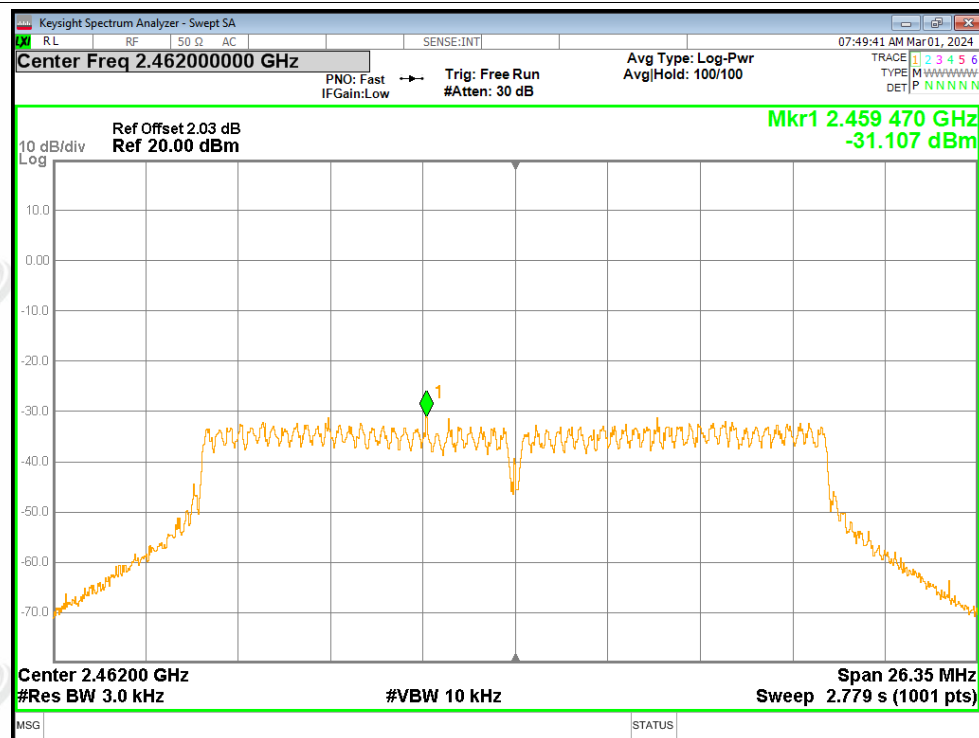


PSD NVNT n20 2437MHz Ant1

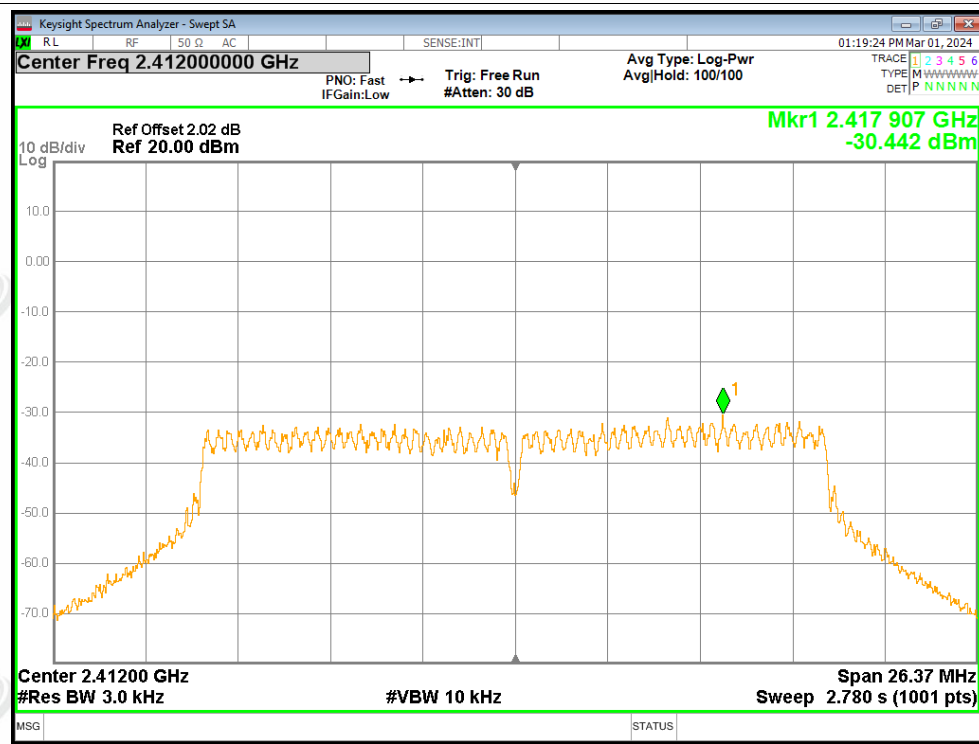




PSD NVNT n20 2462MHz Ant1



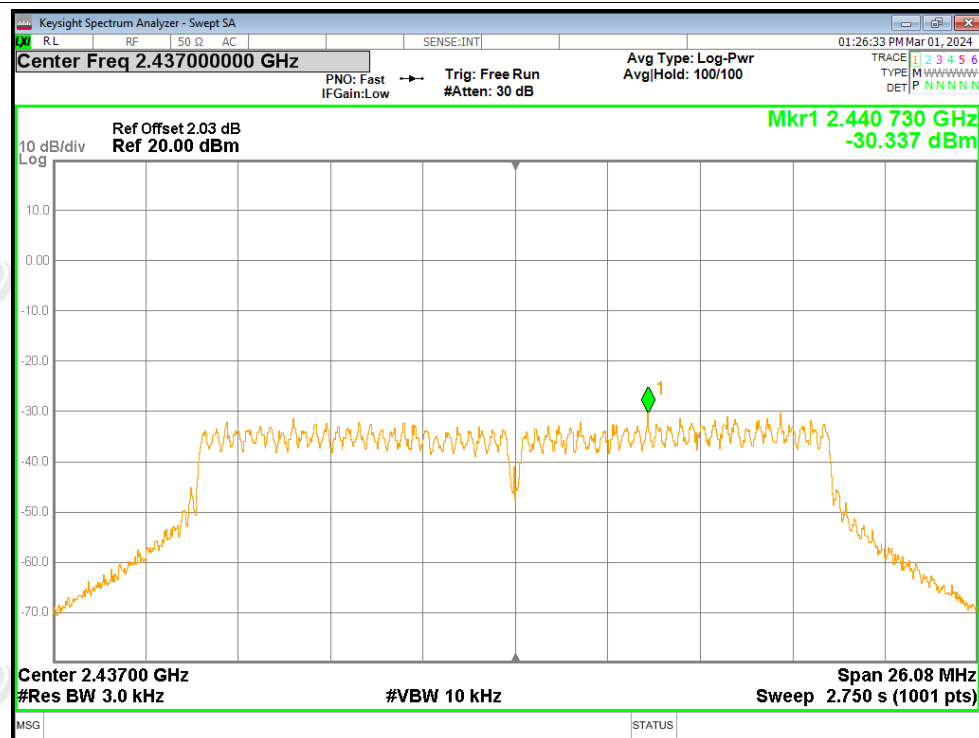
PSD NVNT n20 2412MHz Ant2



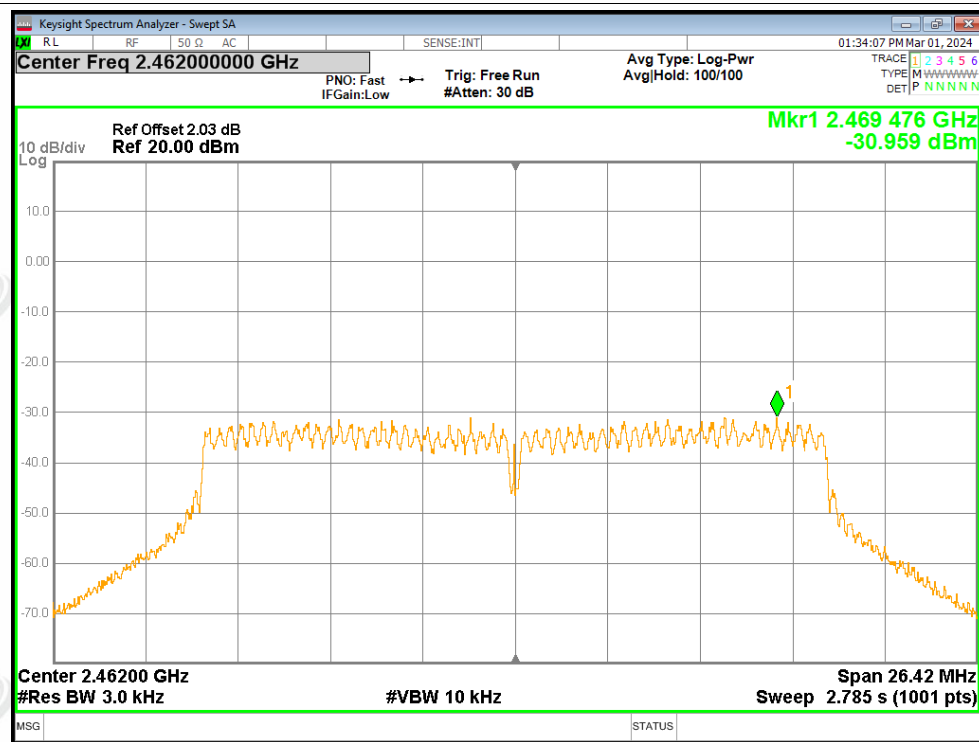




PSD NVNT n20 2437MHz Ant2

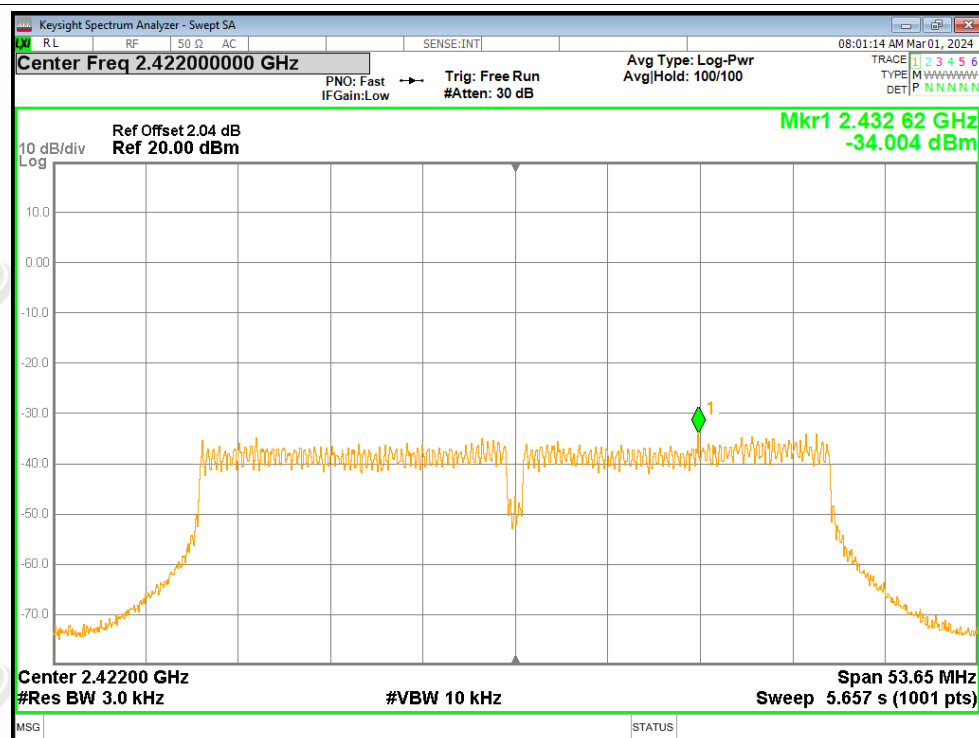


PSD NVNT n20 2462MHz Ant2

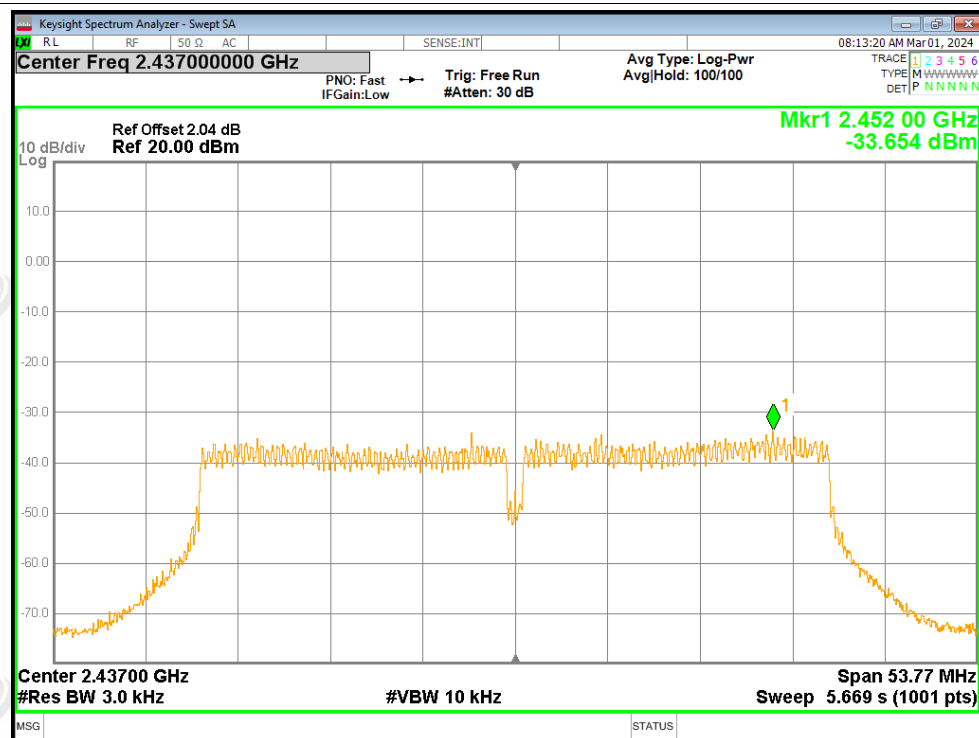




PSD NVNT n40 2422MHz Ant1

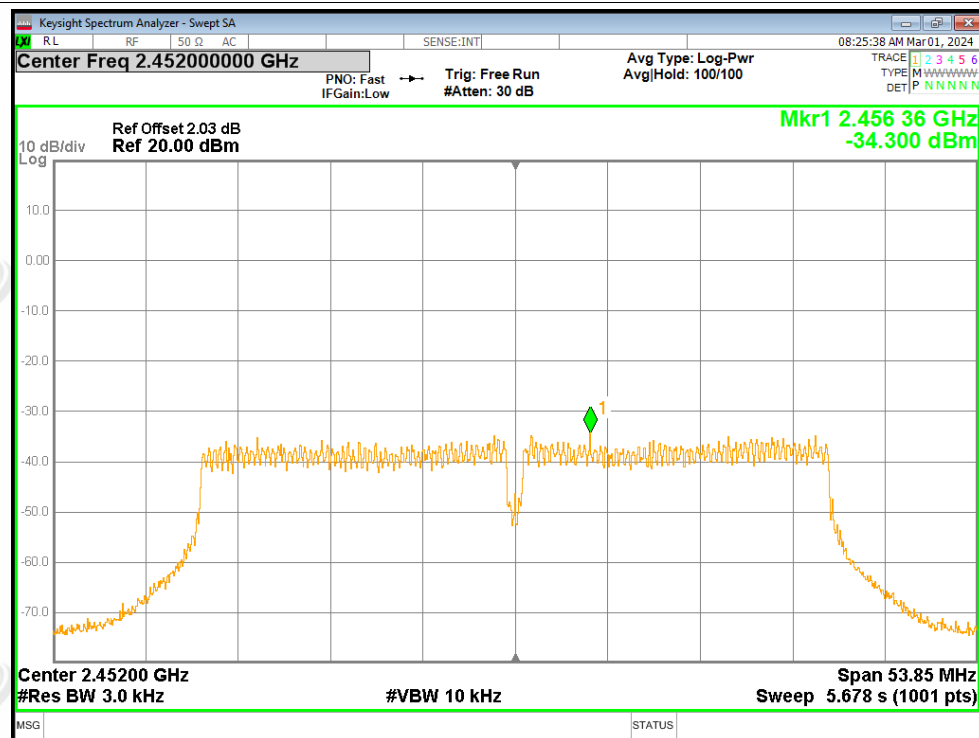


PSD NVNT n40 2437MHz Ant1

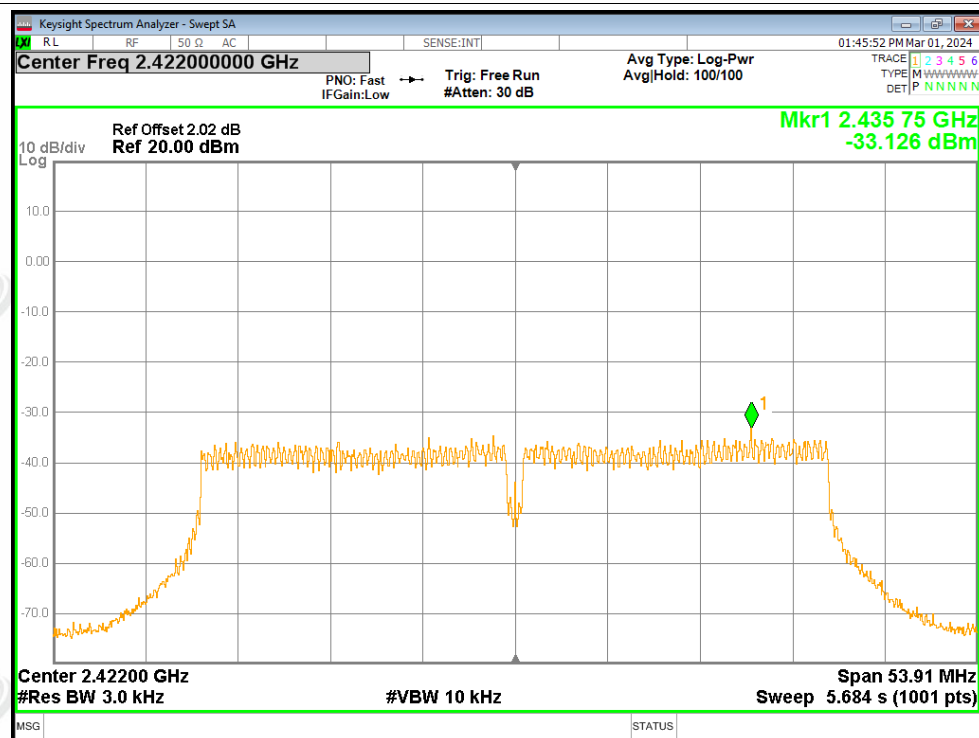




PSD NVNT n40 2452MHz Ant1

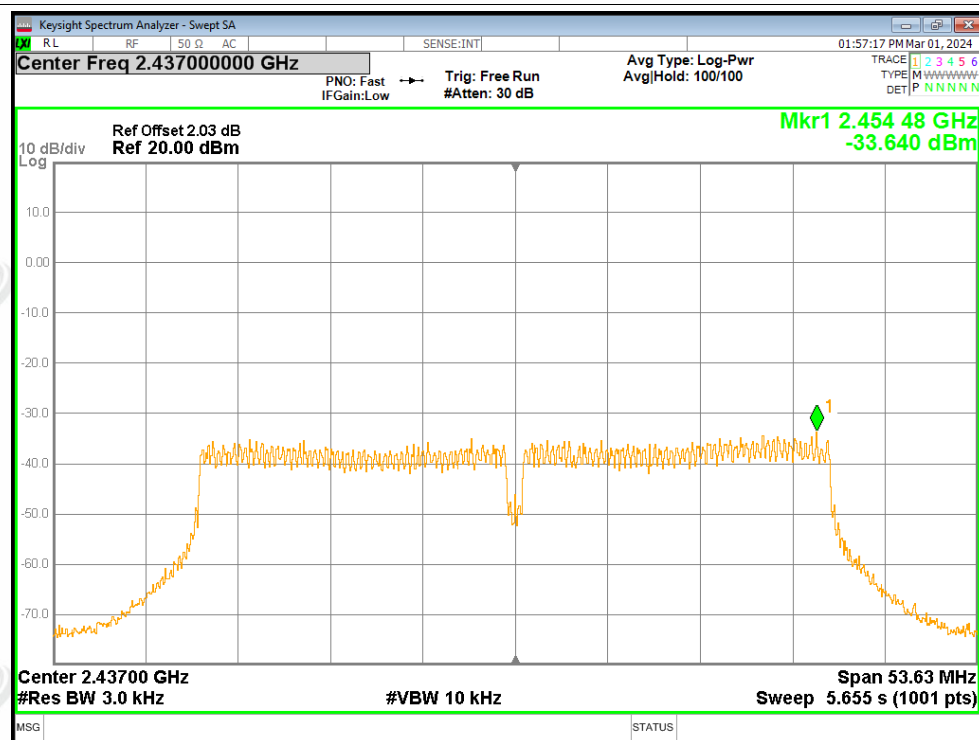


PSD NVNT n40 2422MHz Ant2

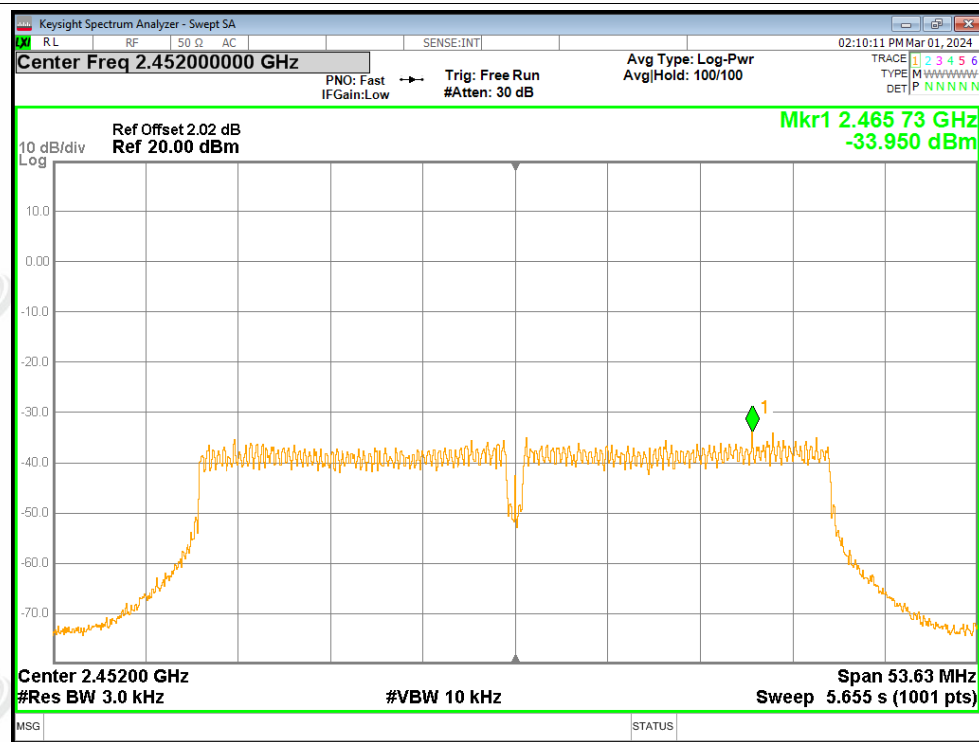




PSD NVNT n40 2437MHz Ant2



PSD NVNT n40 2452MHz Ant2





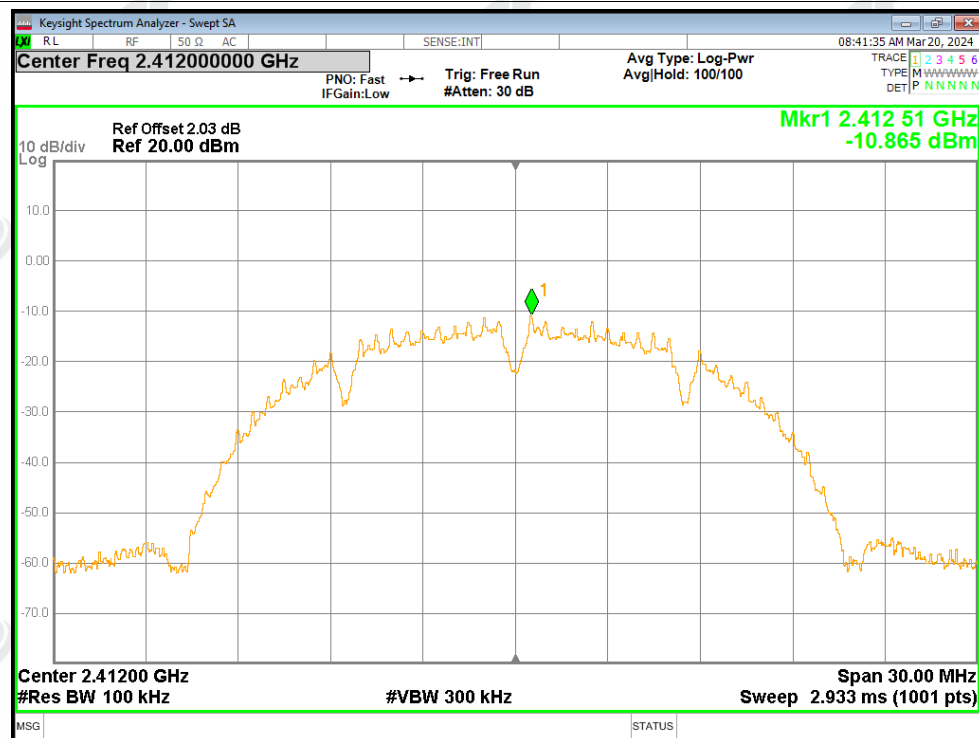
## A6. Band Edge

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -44.3           | -30         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -46.26          | -30         | Pass    |
| NVNT      | b    | 2412            | Ant2    | -44.17          | -30         | Pass    |
| NVNT      | b    | 2462            | Ant2    | -46.3           | -30         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -36.79          | -30         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -41.16          | -30         | Pass    |
| NVNT      | g    | 2412            | Ant2    | -37.48          | -30         | Pass    |
| NVNT      | g    | 2462            | Ant2    | -40.57          | -30         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -35.84          | -30         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -39.15          | -30         | Pass    |
| NVNT      | n20  | 2412            | Ant2    | -36.05          | -30         | Pass    |
| NVNT      | n20  | 2462            | Ant2    | -37.42          | -30         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -35.46          | -30         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -35.37          | -30         | Pass    |
| NVNT      | n40  | 2422            | Ant2    | -35.57          | -30         | Pass    |
| NVNT      | n40  | 2452            | Ant2    | -36.28          | -30         | Pass    |

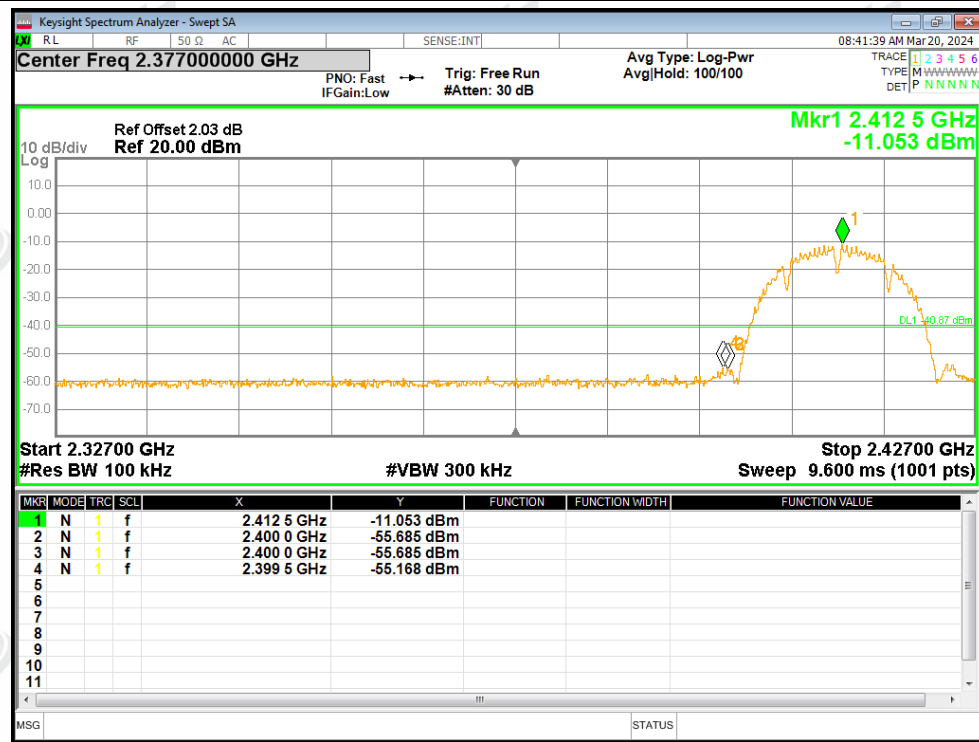


## Test Graphs

## Band Edge NVNT b 2412MHz Ant1 Ref

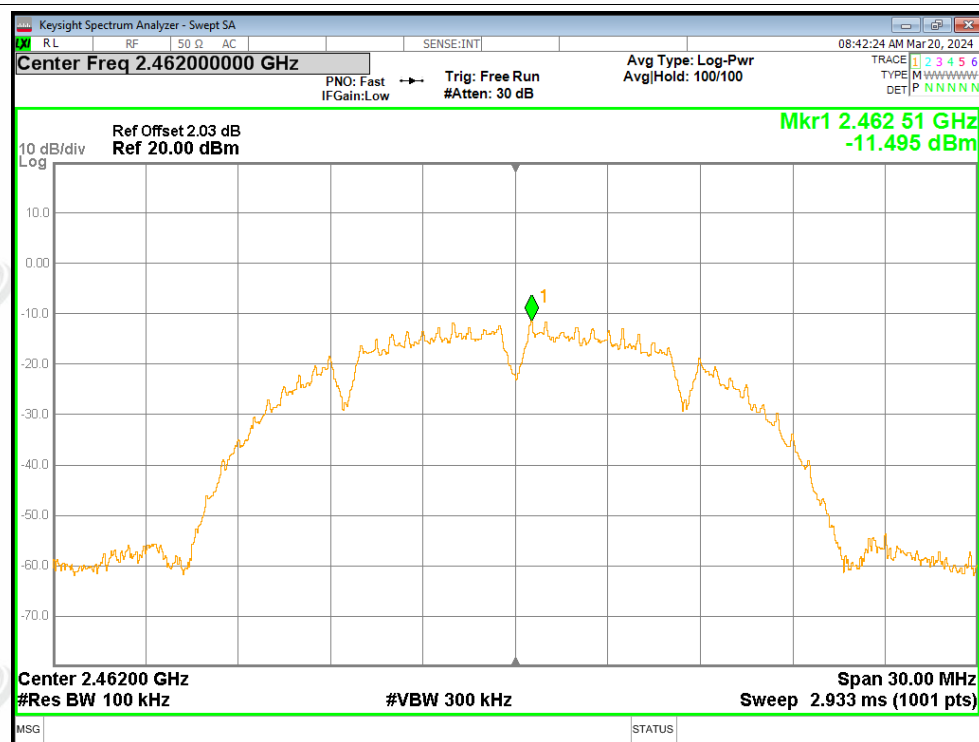


## Band Edge NVNT b 2412MHz Ant1 Emission

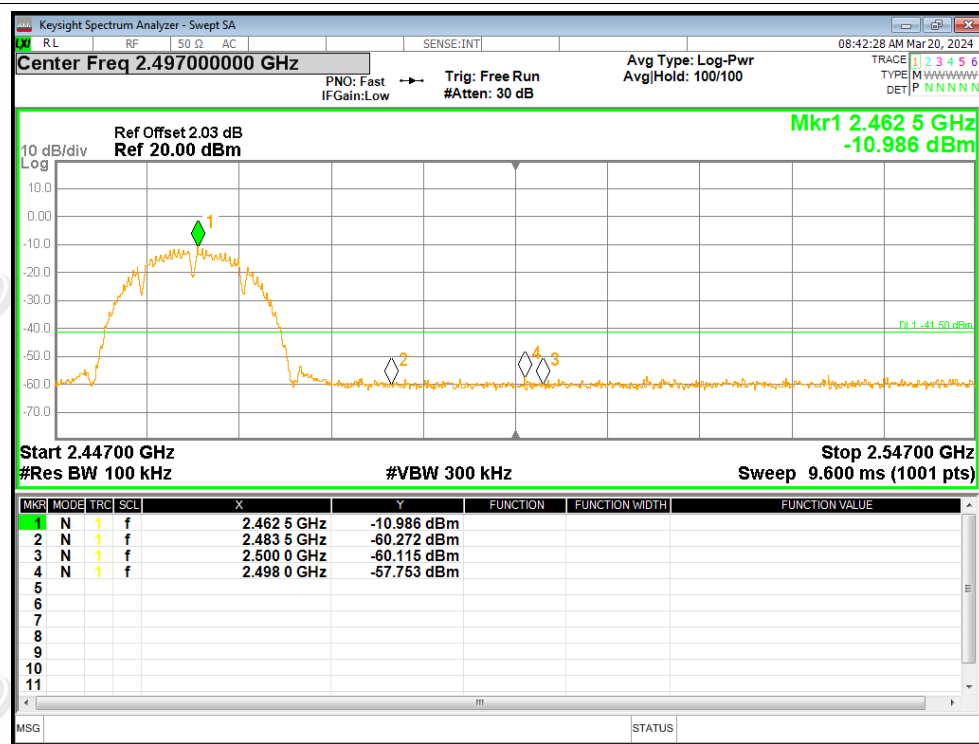




## Band Edge NVNT b 2462MHz Ant1 Ref



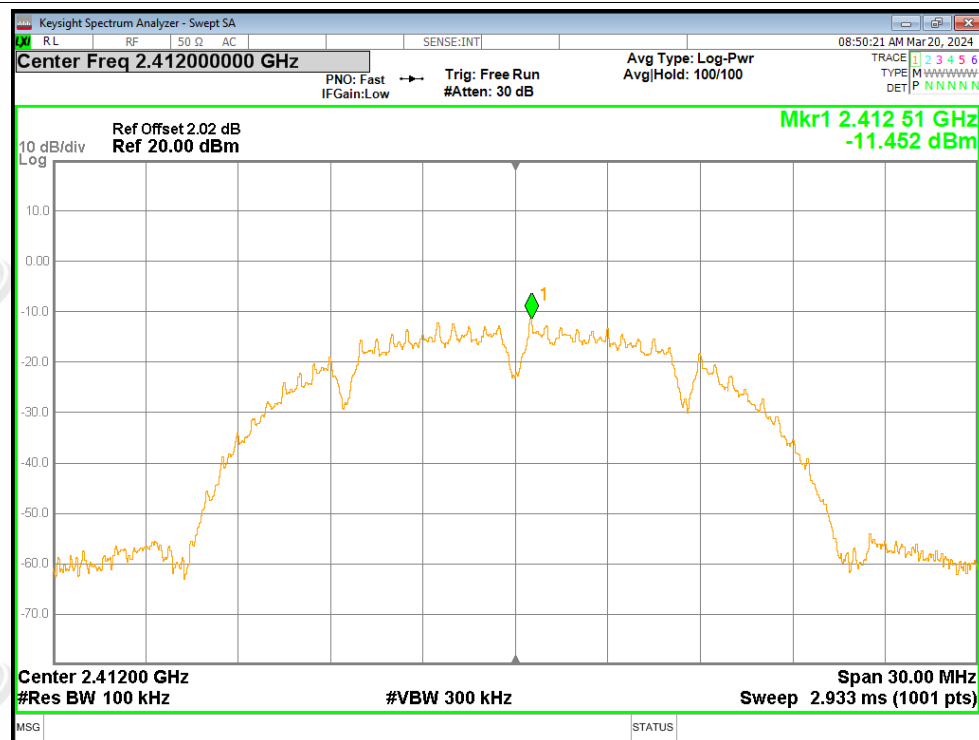
## Band Edge NVNT b 2462MHz Ant1 Emission



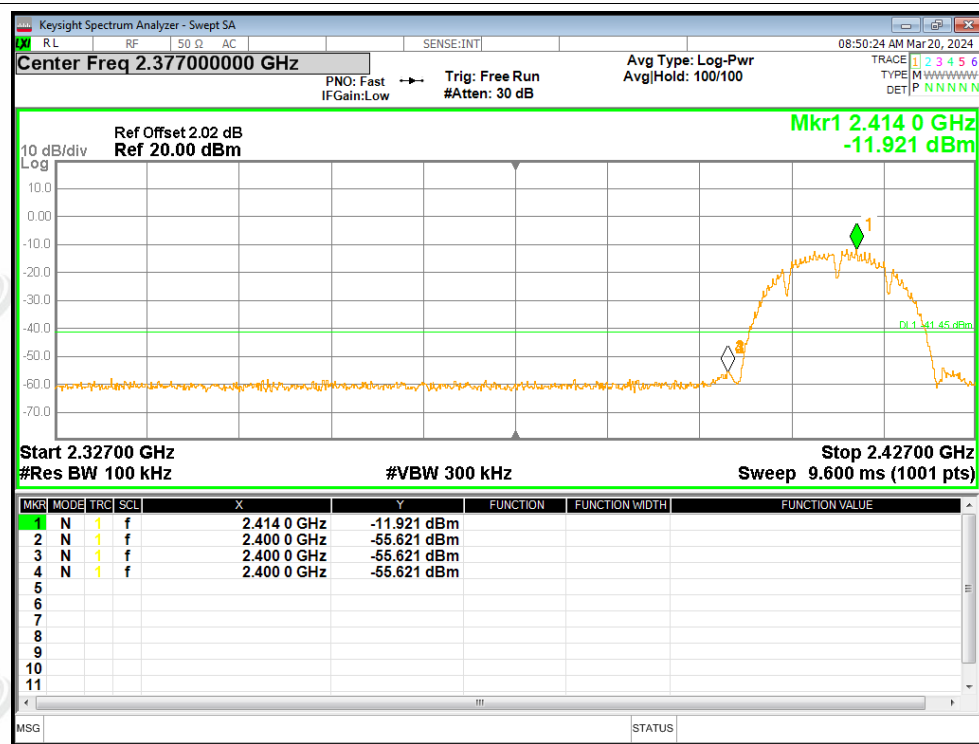




## Band Edge NVNT b 2412MHz Ant2 Ref

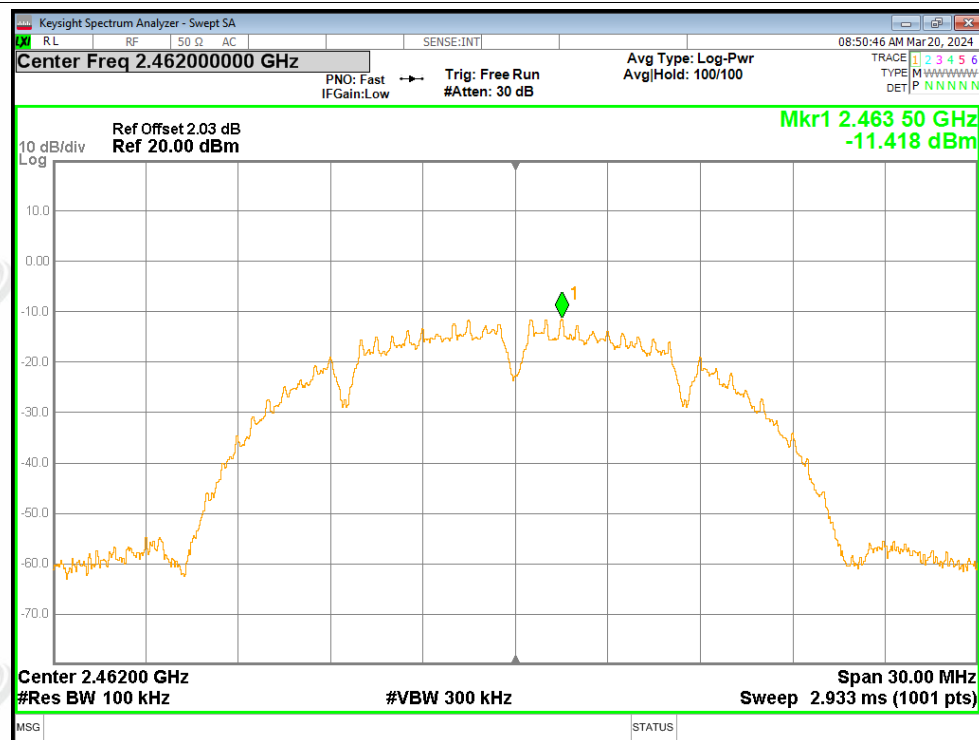


## Band Edge NVNT b 2412MHz Ant2 Emission

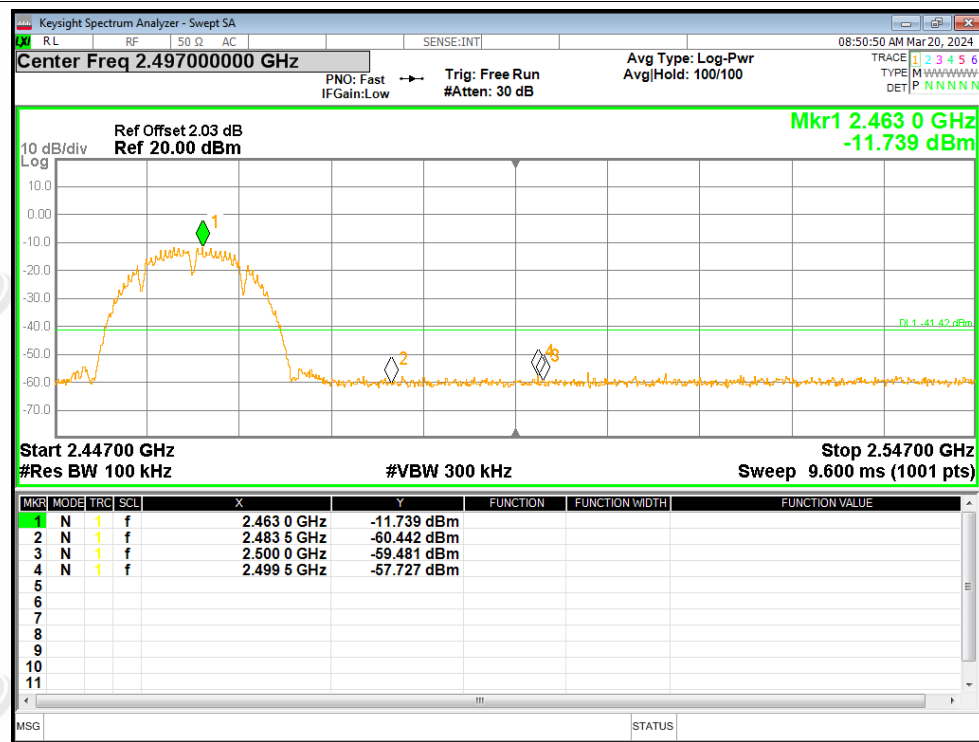




## Band Edge NVNT b 2462MHz Ant2 Ref

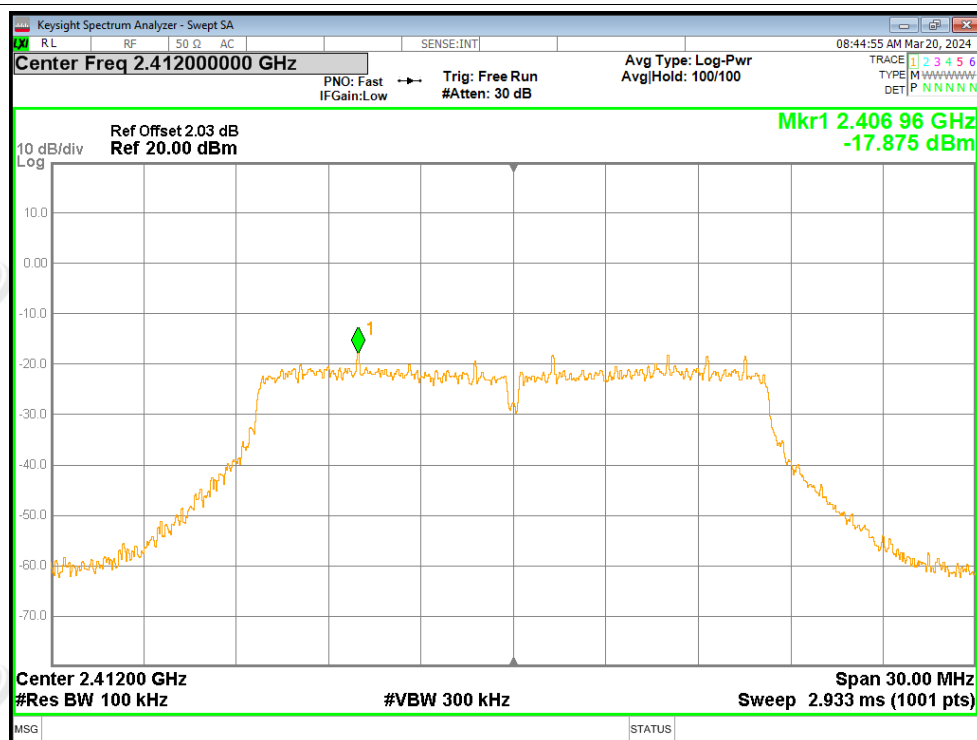


## Band Edge NVNT b 2462MHz Ant2 Emission

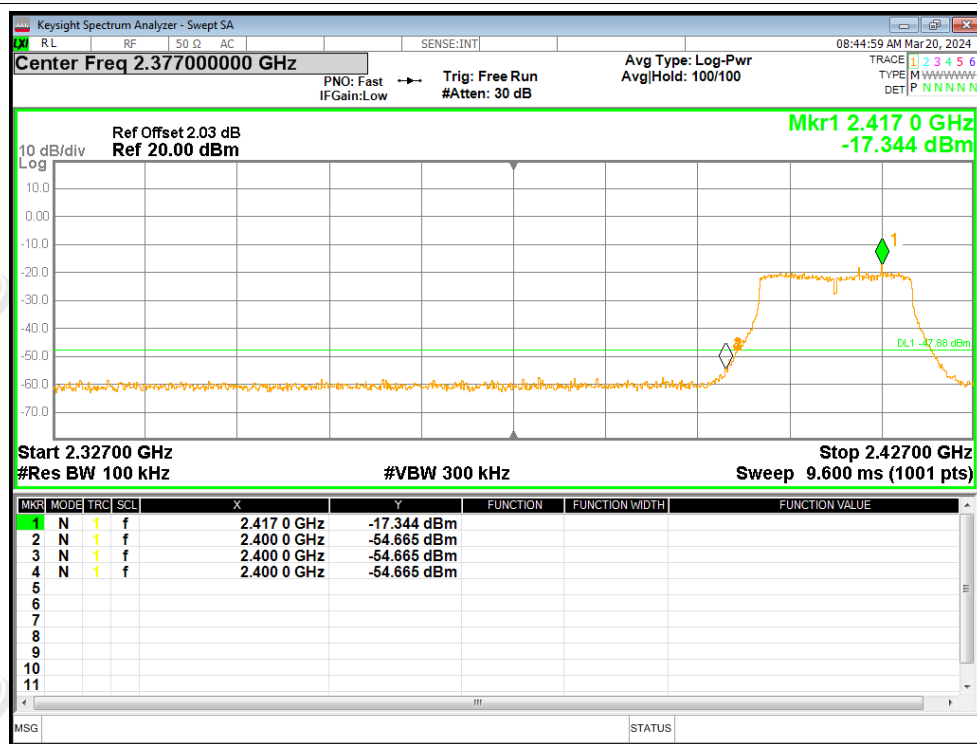




## Band Edge NVNT g 2412MHz Ant1 Ref

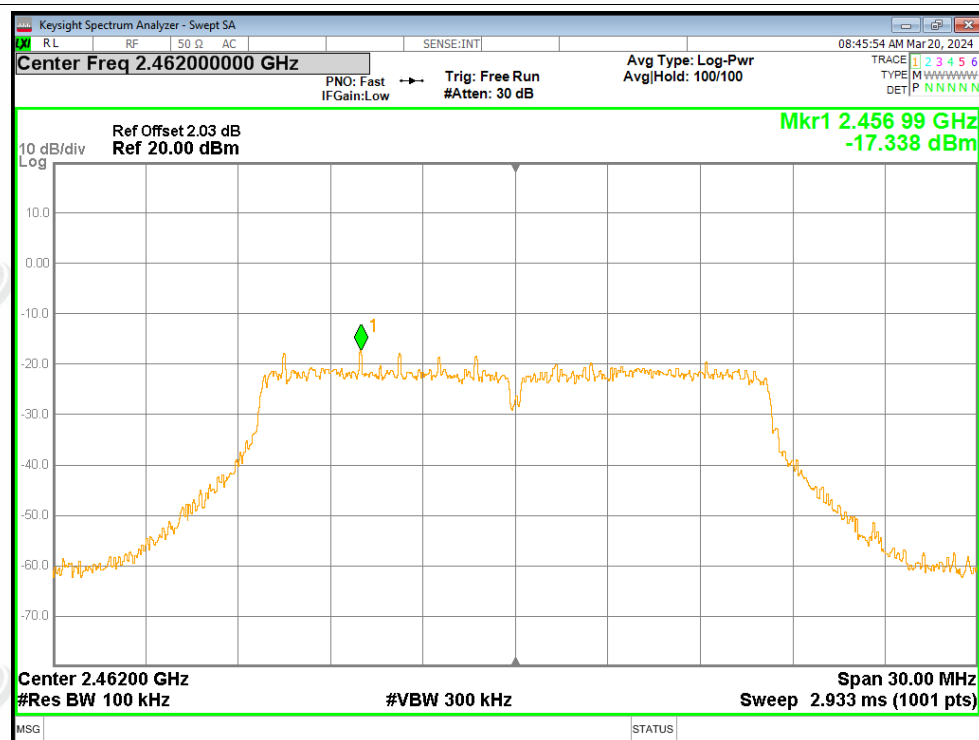


## Band Edge NVNT g 2412MHz Ant1 Emission

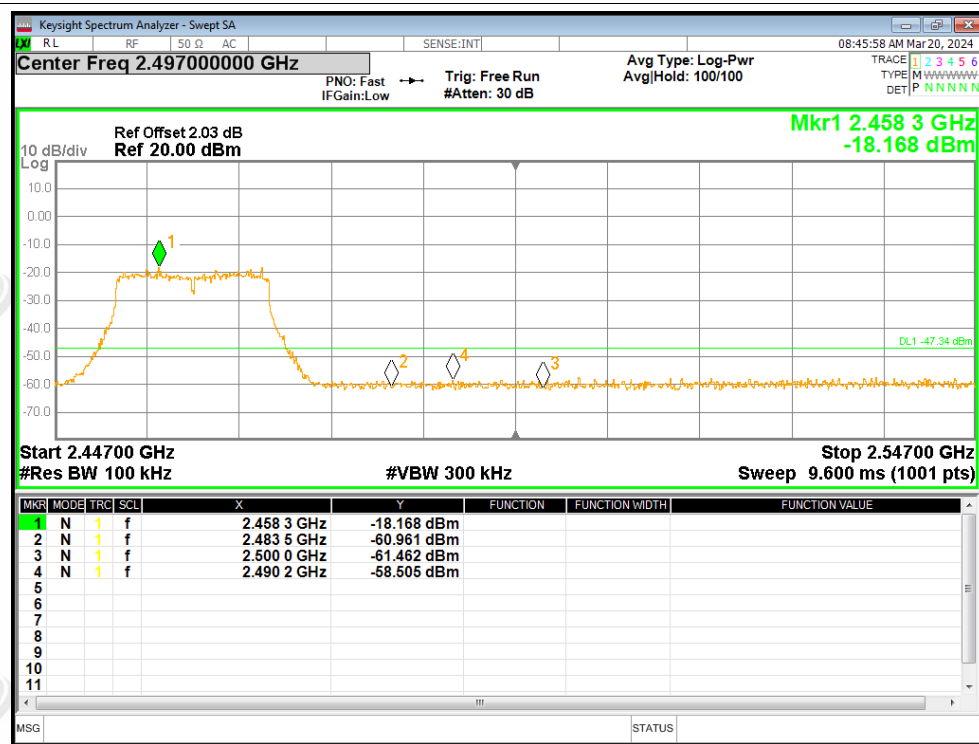




## Band Edge NVNT g 2462MHz Ant1 Ref

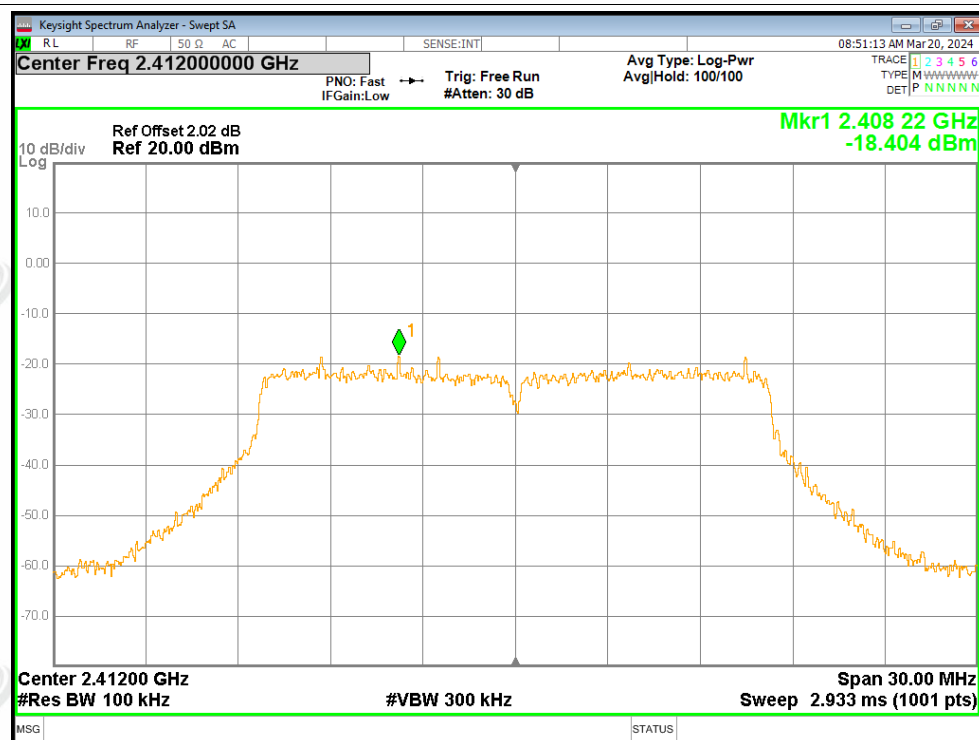


## Band Edge NVNT g 2462MHz Ant1 Emission

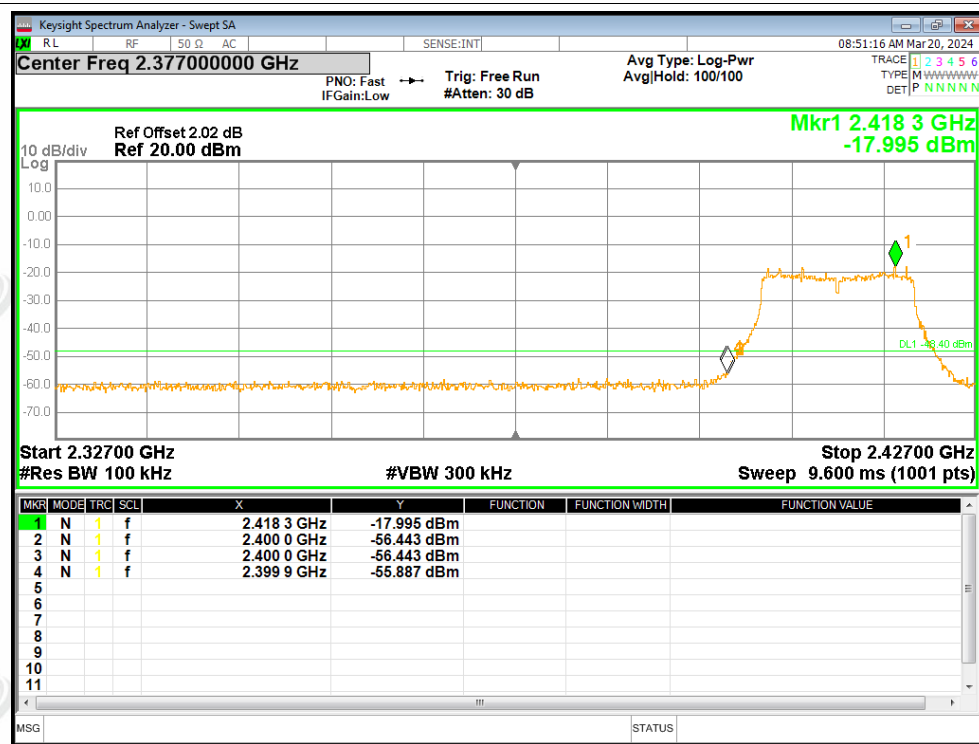




## Band Edge NVNT g 2412MHz Ant2 Ref

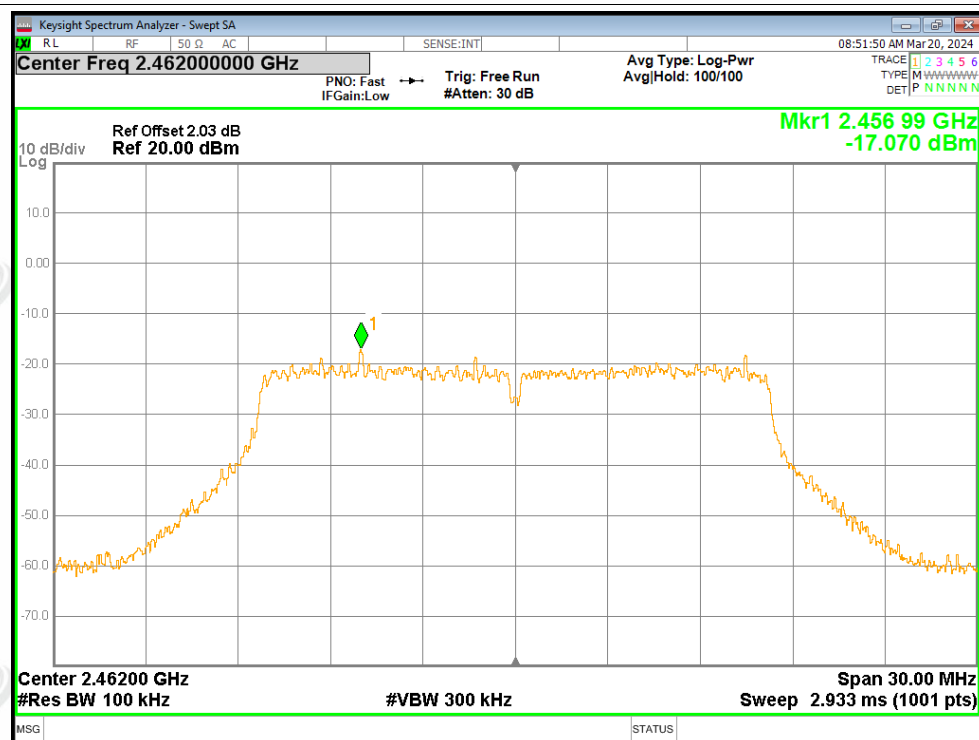


## Band Edge NVNT g 2412MHz Ant2 Emission

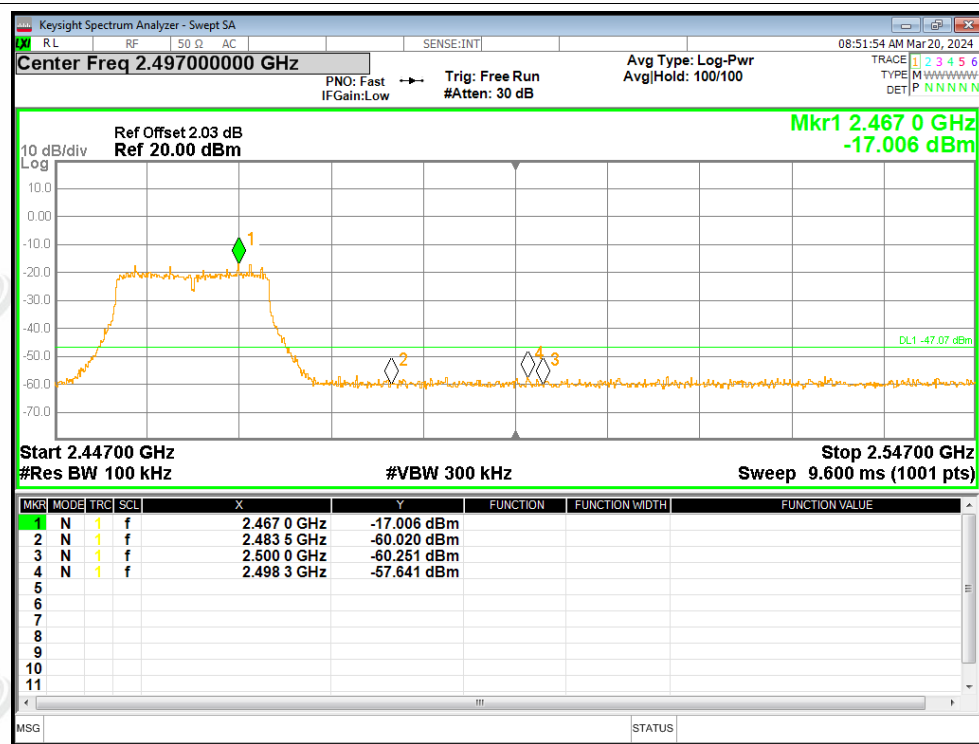




## Band Edge NVNT g 2462MHz Ant2 Ref

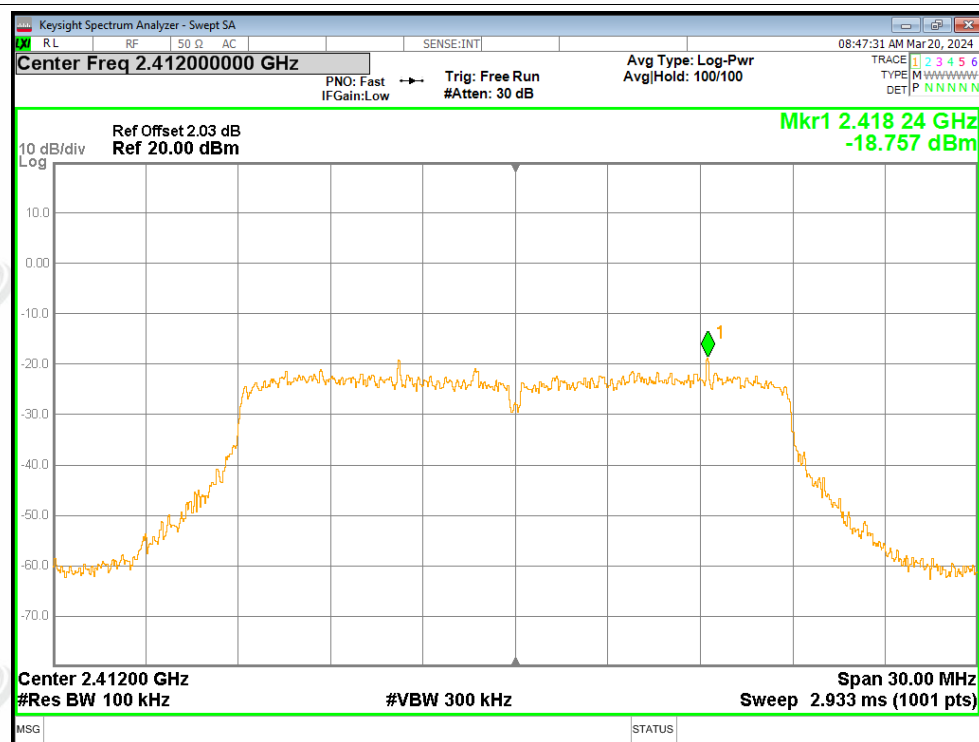


## Band Edge NVNT g 2462MHz Ant2 Emission

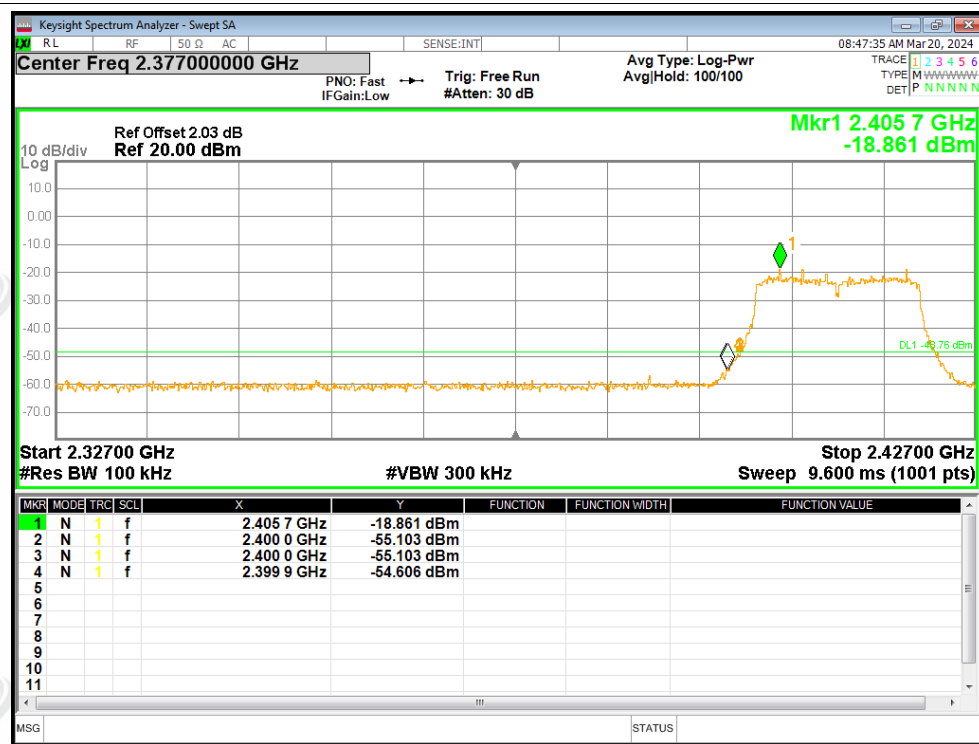




## Band Edge NVNT n20 2412MHz Ant1 Ref



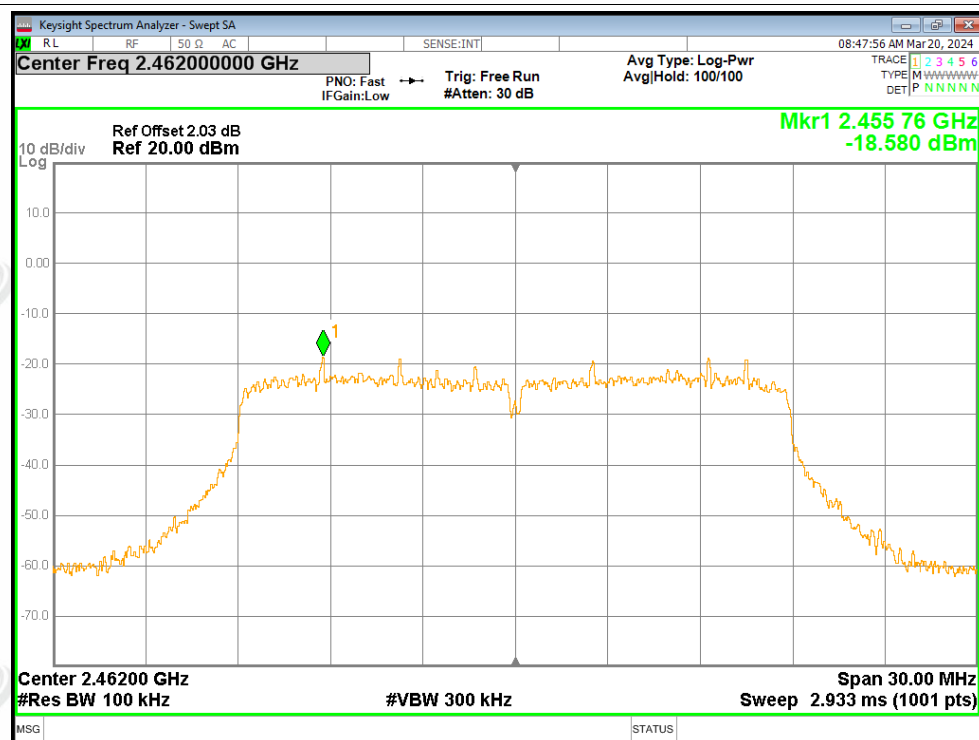
## Band Edge NVNT n20 2412MHz Ant1 Emission



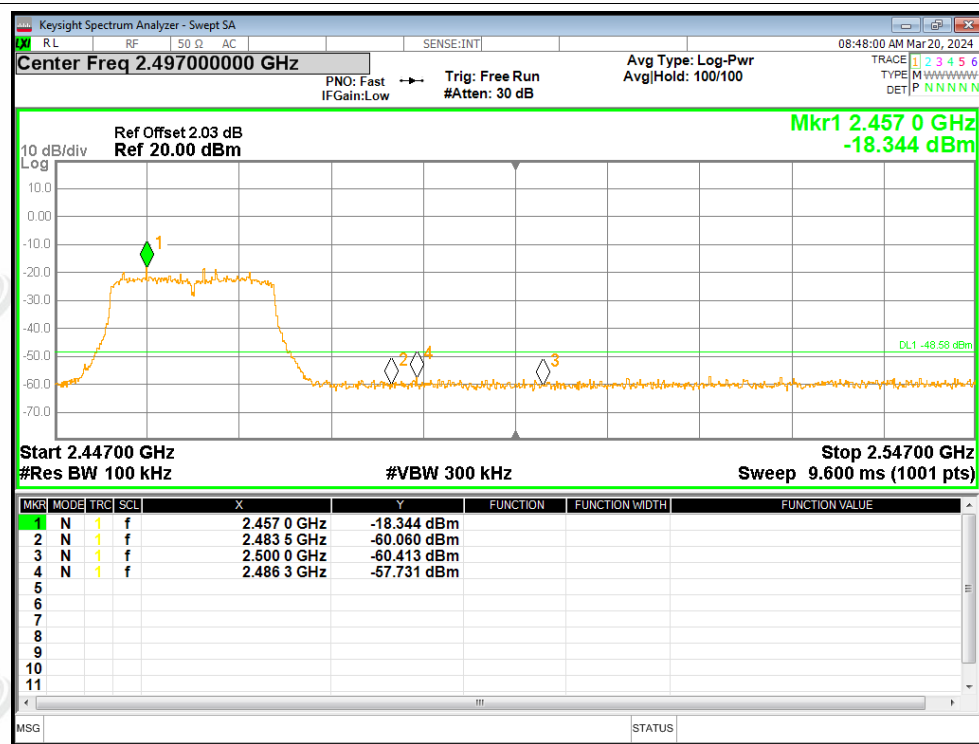




## Band Edge NVNT n20 2462MHz Ant1 Ref

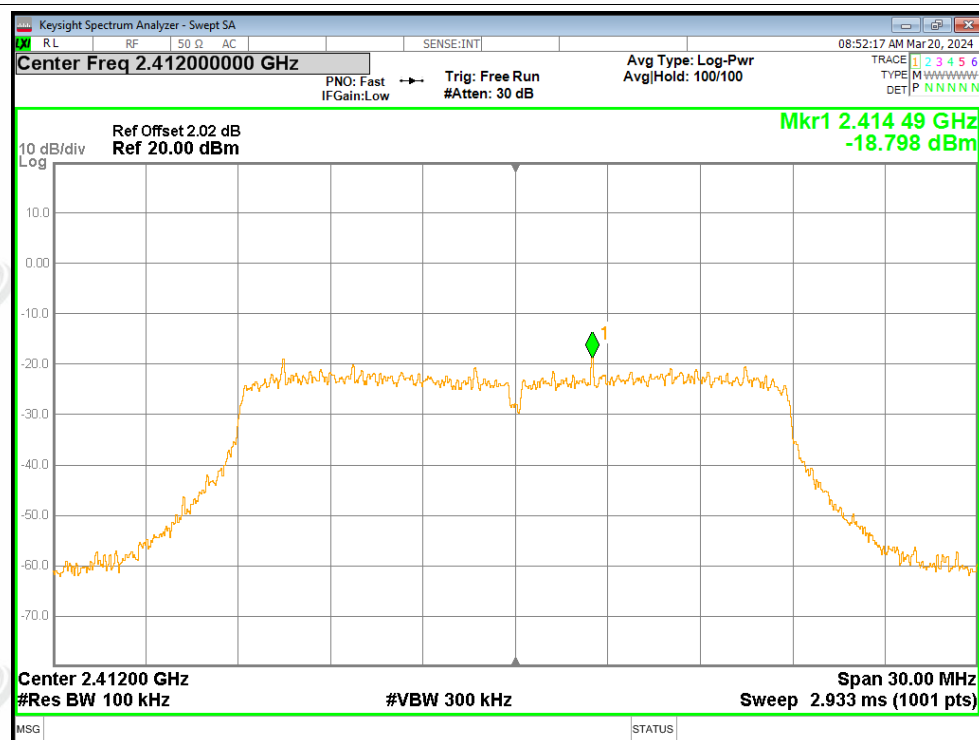


## Band Edge NVNT n20 2462MHz Ant1 Emission

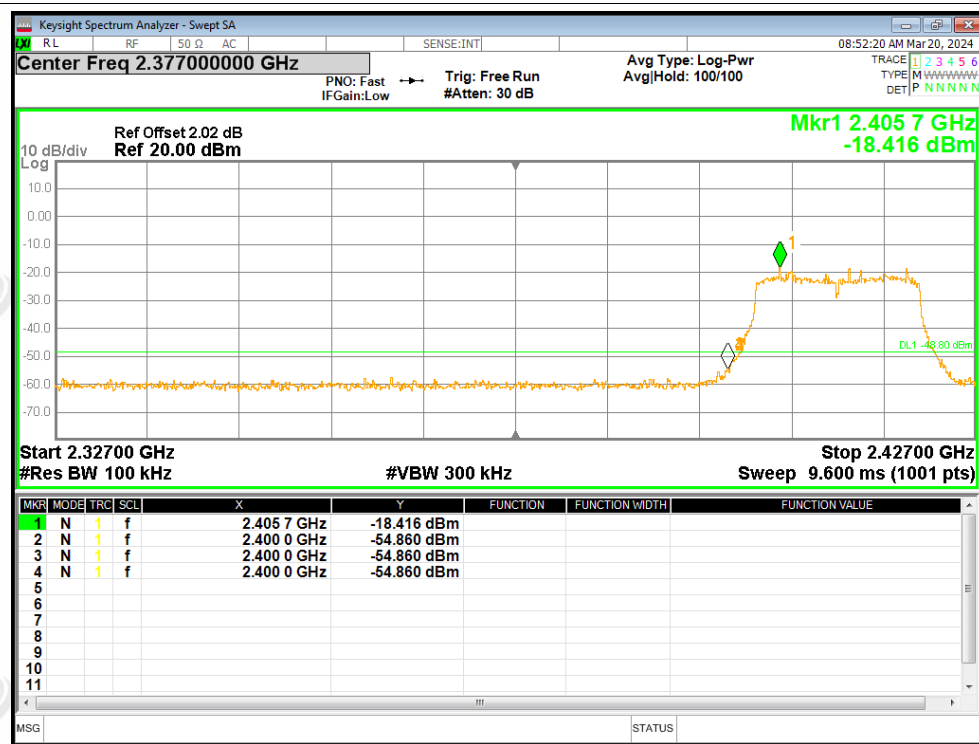




## Band Edge NVNT n20 2412MHz Ant2 Ref

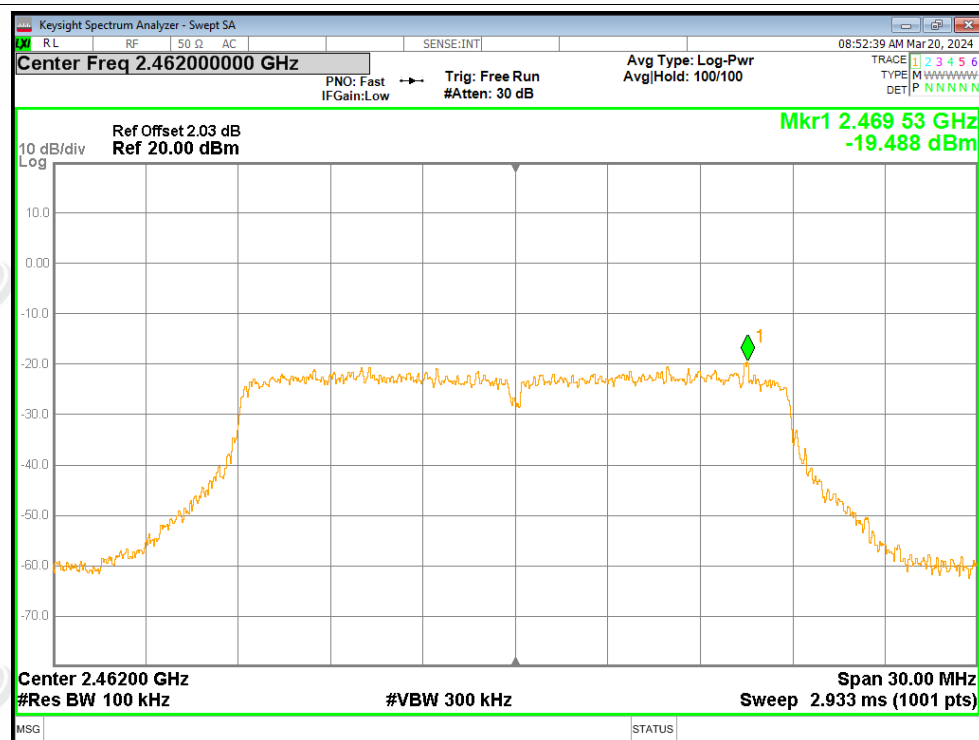


## Band Edge NVNT n20 2412MHz Ant2 Emission

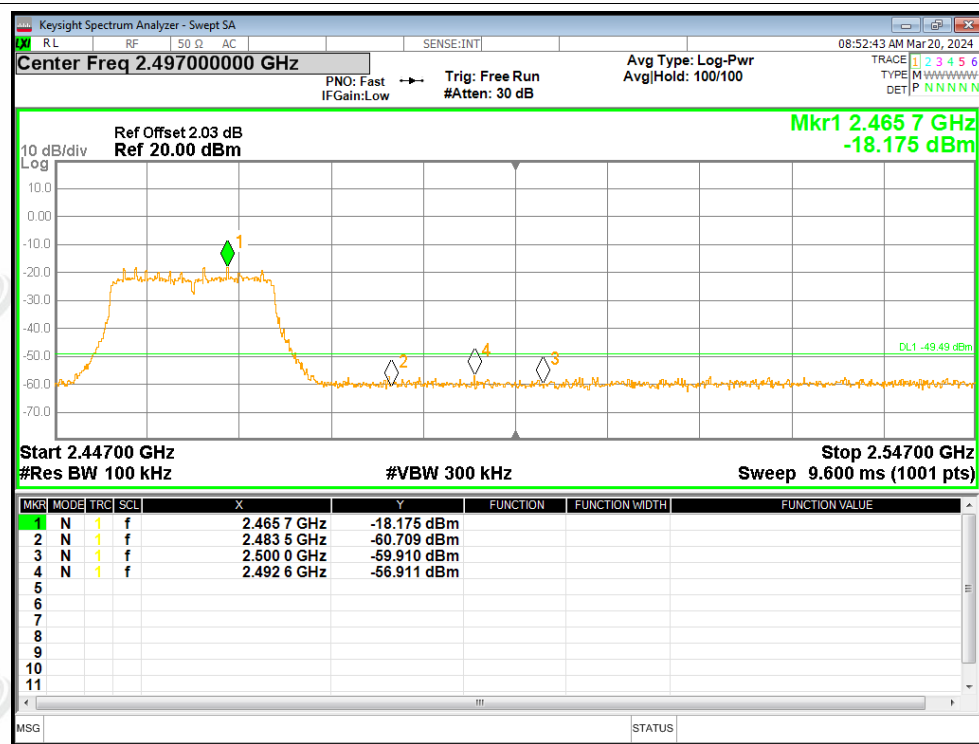




## Band Edge NVNT n20 2462MHz Ant2 Ref

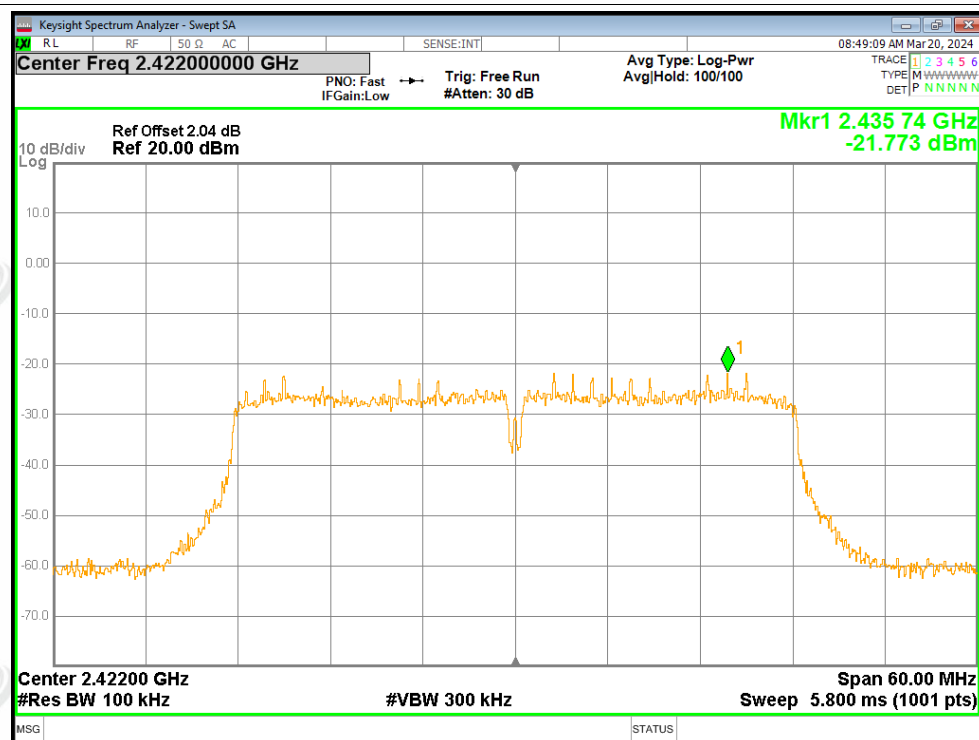


## Band Edge NVNT n20 2462MHz Ant2 Emission

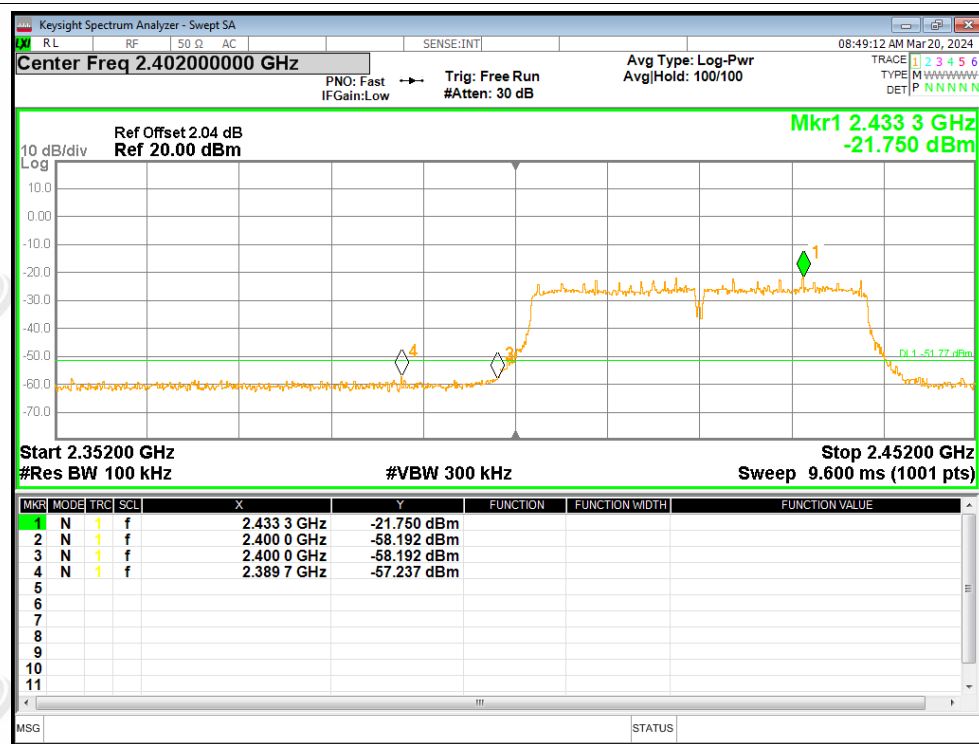




## Band Edge NVNT n40 2422MHz Ant1 Ref

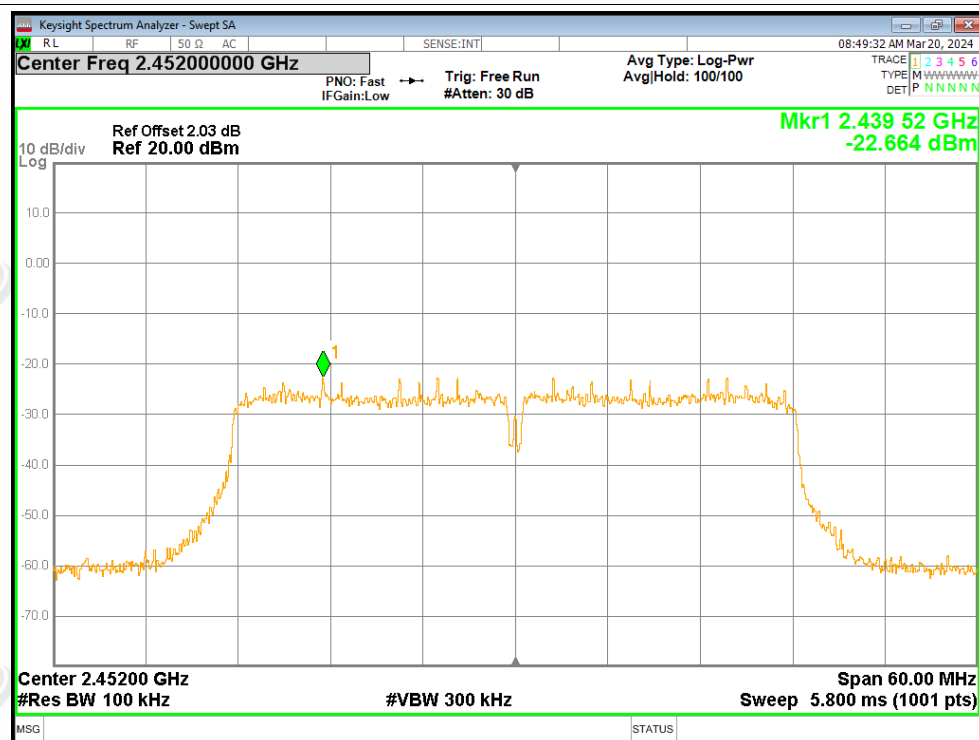


## Band Edge NVNT n40 2422MHz Ant1 Emission

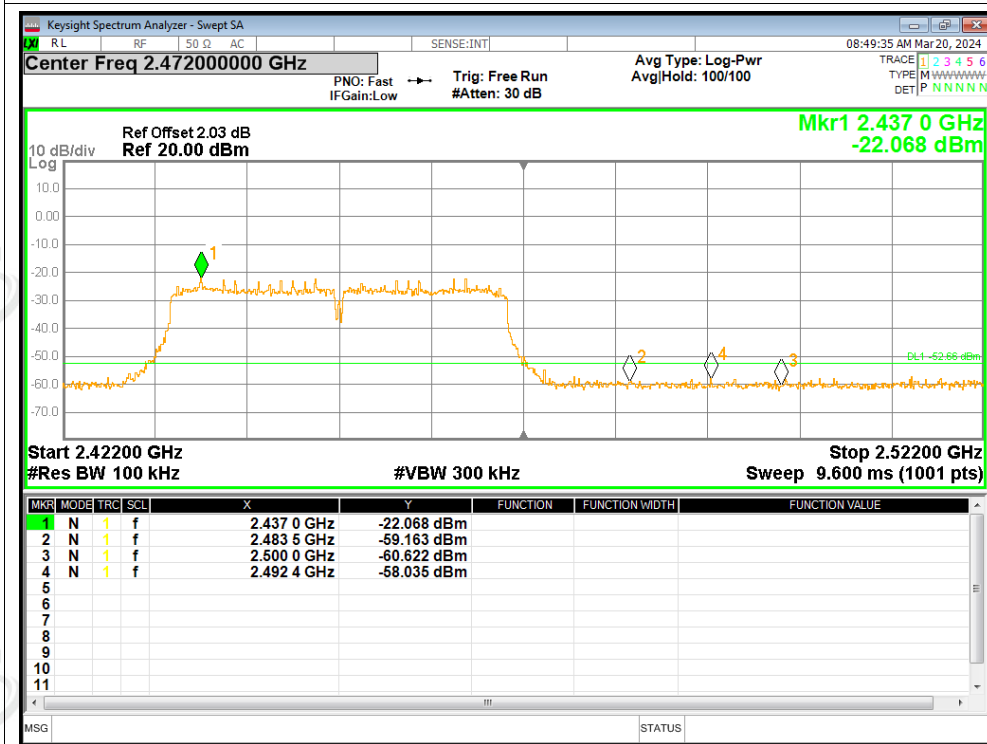




## Band Edge NVNT n40 2452MHz Ant1 Ref

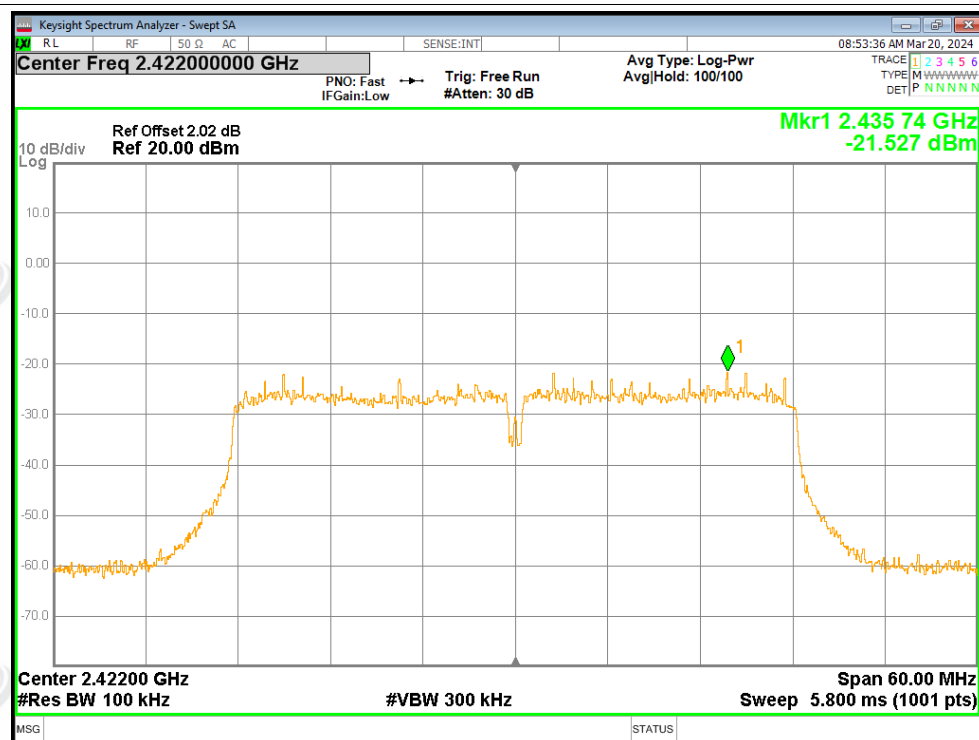


## Band Edge NVNT n40 2452MHz Ant1 Emission

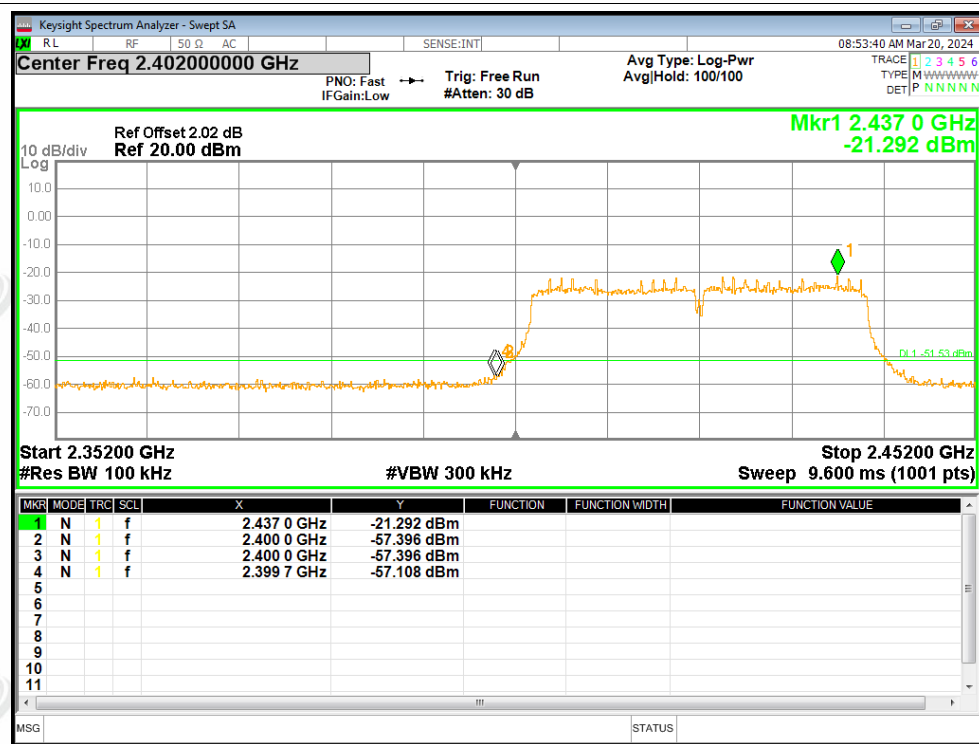




## Band Edge NVNT n40 2422MHz Ant2 Ref

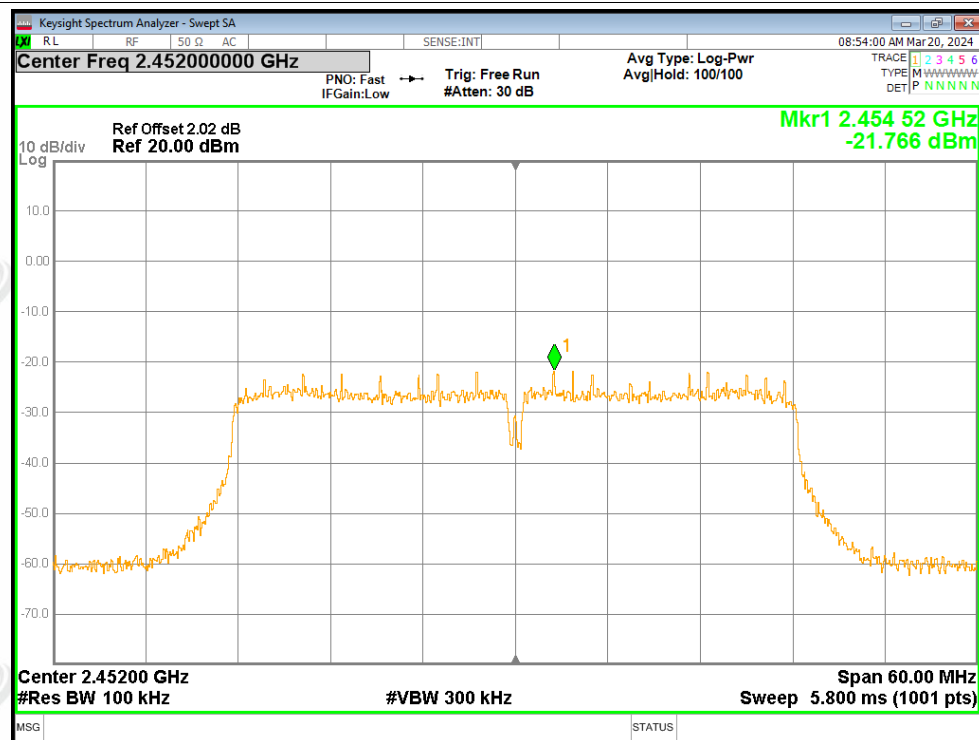


## Band Edge NVNT n40 2422MHz Ant2 Emission

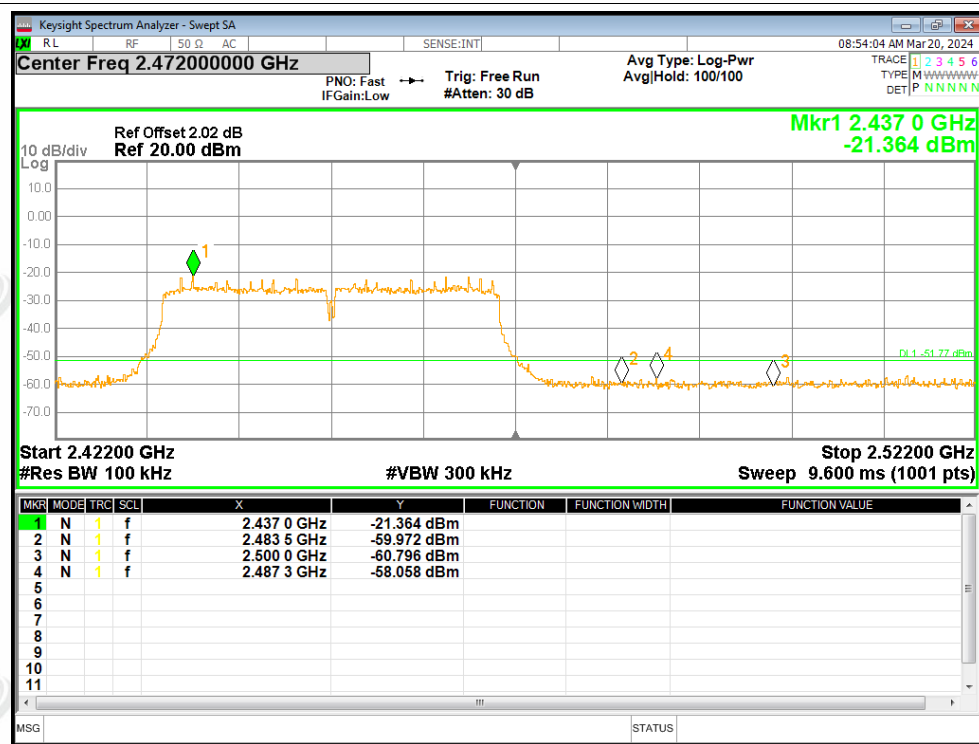




## Band Edge NVNT n40 2452MHz Ant2 Ref



## Band Edge NVNT n40 2452MHz Ant2 Emission







## A7. Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -35.11          | -30         | Pass    |
| NVNT      | b    | 2437            | Ant1    | -35.73          | -30         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -35.41          | -30         | Pass    |
| NVNT      | b    | 2412            | Ant2    | -35.91          | -30         | Pass    |
| NVNT      | b    | 2437            | Ant2    | -35.72          | -30         | Pass    |
| NVNT      | b    | 2462            | Ant2    | -35.13          | -30         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -38.24          | -30         | Pass    |
| NVNT      | g    | 2437            | Ant1    | -39.66          | -30         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -39.66          | -30         | Pass    |
| NVNT      | g    | 2412            | Ant2    | -39.05          | -30         | Pass    |
| NVNT      | g    | 2437            | Ant2    | -39.4           | -30         | Pass    |
| NVNT      | g    | 2462            | Ant2    | -39.13          | -30         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -38.43          | -30         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -39.59          | -30         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -39.44          | -30         | Pass    |
| NVNT      | n20  | 2412            | Ant2    | -38.47          | -30         | Pass    |
| NVNT      | n20  | 2437            | Ant2    | -38.26          | -30         | Pass    |
| NVNT      | n20  | 2462            | Ant2    | -38.88          | -30         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -35.79          | -30         | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -36.03          | -30         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -34.48          | -30         | Pass    |
| NVNT      | n40  | 2422            | Ant2    | -35.85          | -30         | Pass    |
| NVNT      | n40  | 2437            | Ant2    | -35.35          | -30         | Pass    |
| NVNT      | n40  | 2452            | Ant2    | -35.29          | -30         | Pass    |