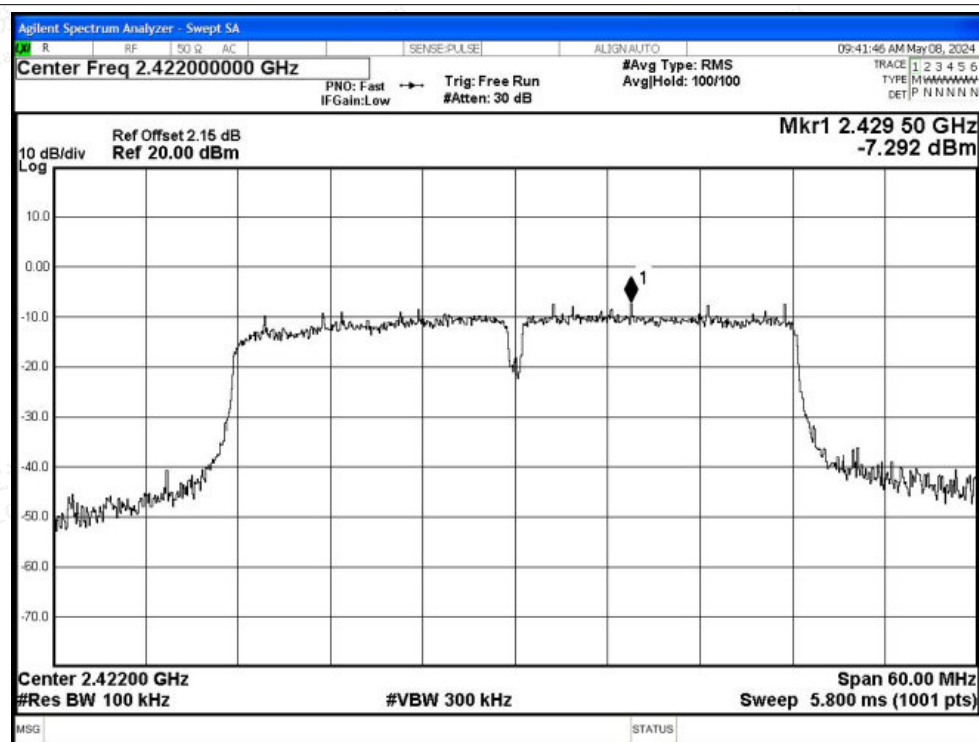
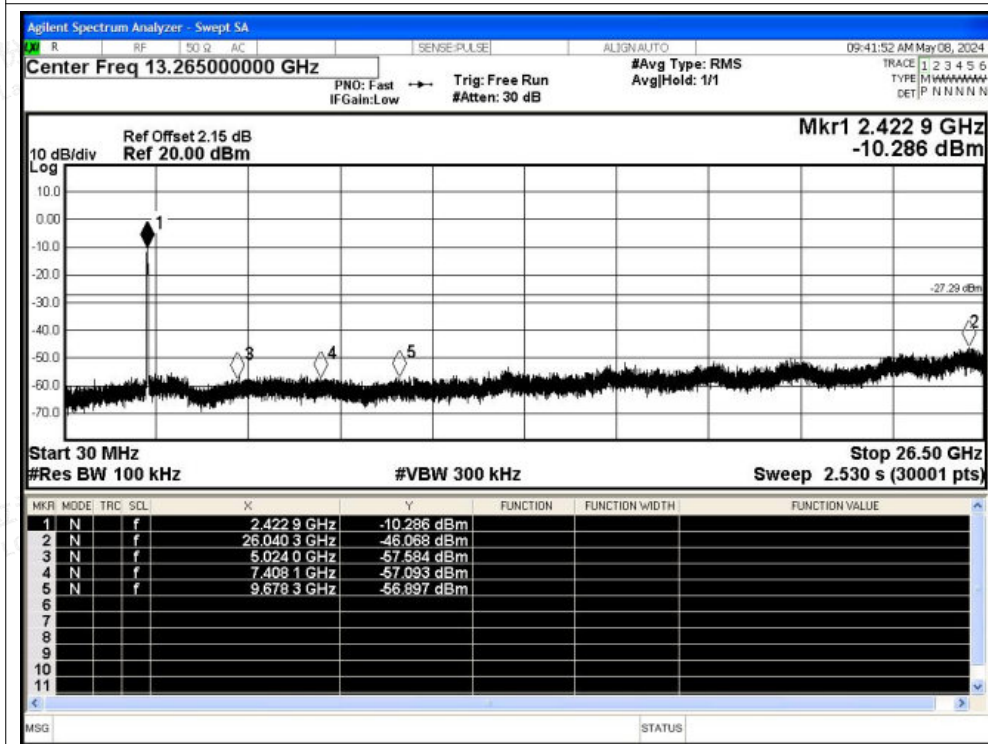




## Tx. Spurious NVNT n40 2422MHz Ant1 Ref

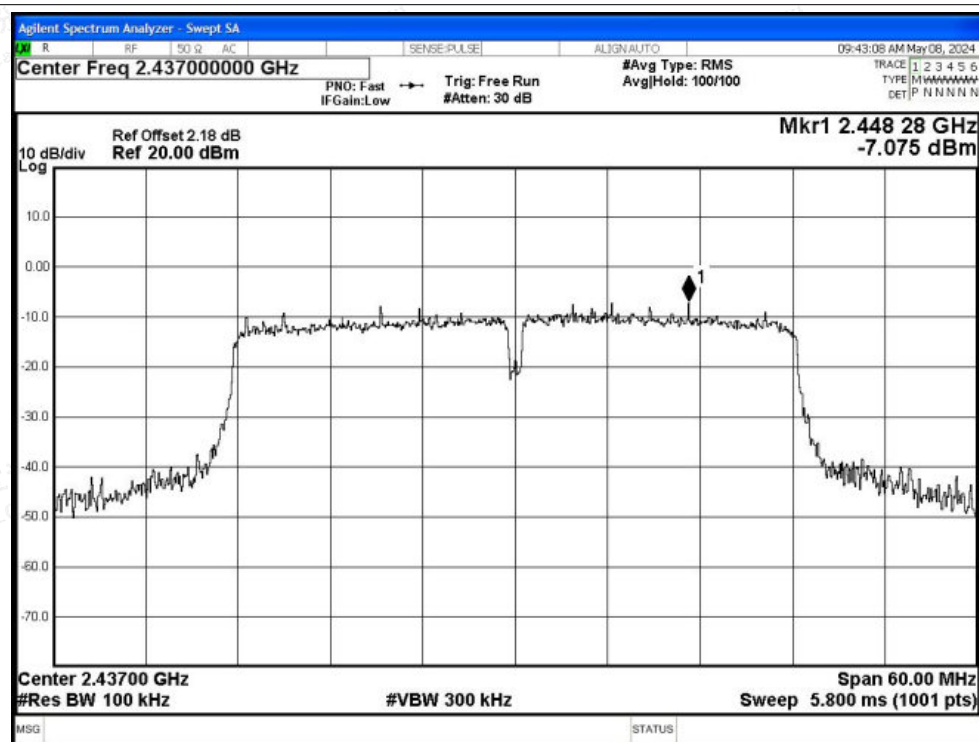


## Tx. Spurious NVNT n40 2422MHz Ant1 Emission

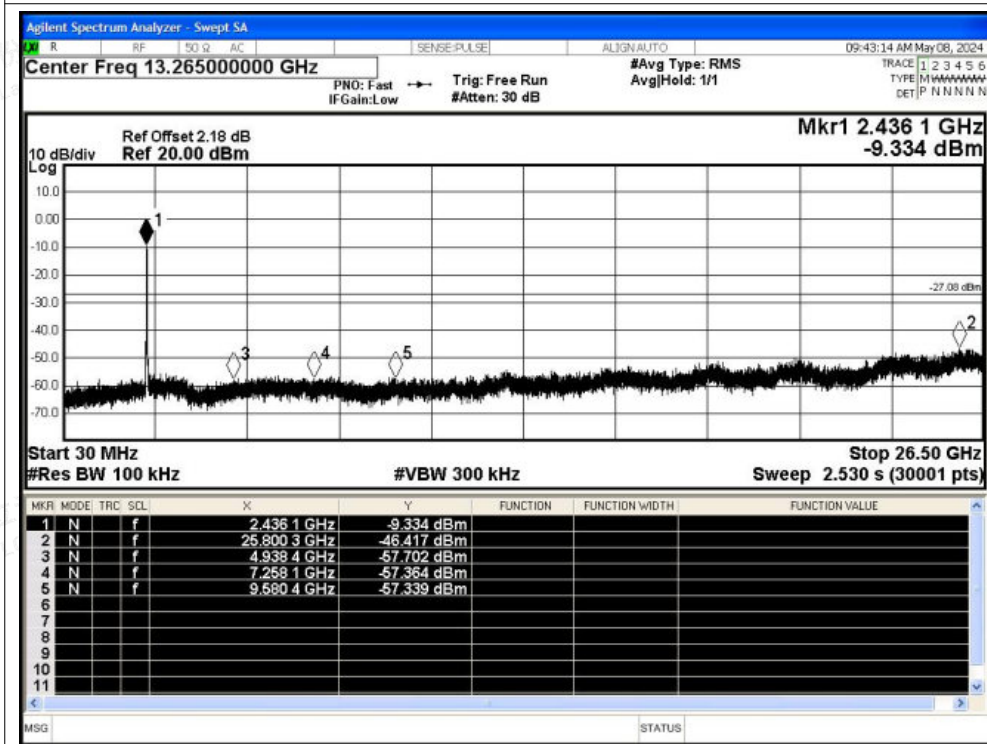




## Tx. Spurious NVNT n40 2437MHz Ant1 Ref

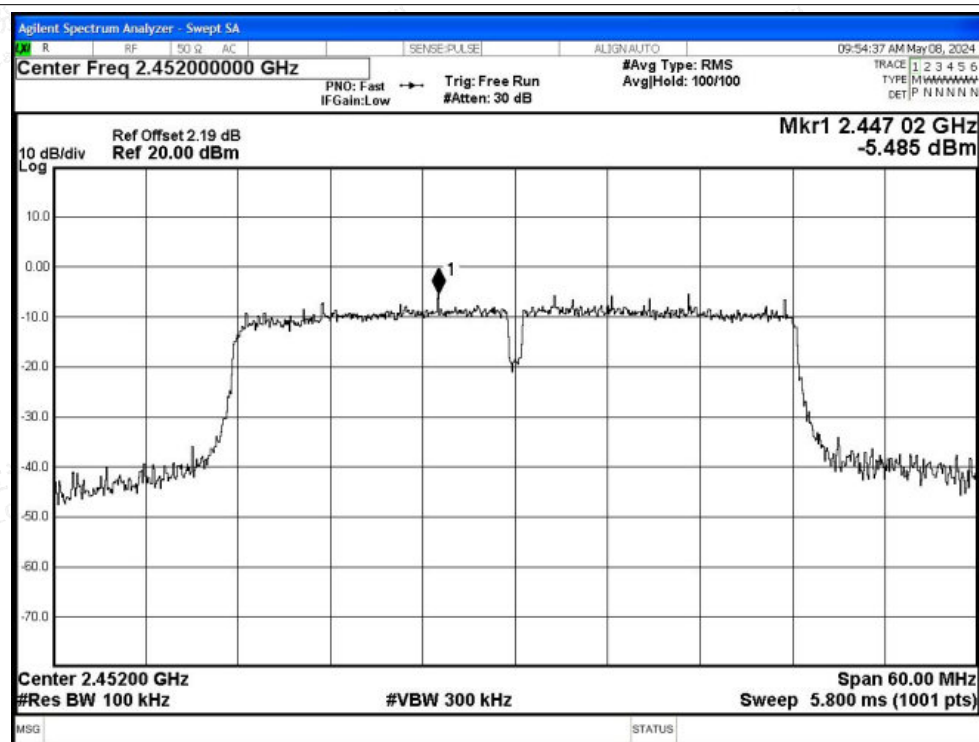


## Tx. Spurious NVNT n40 2437MHz Ant1 Emission

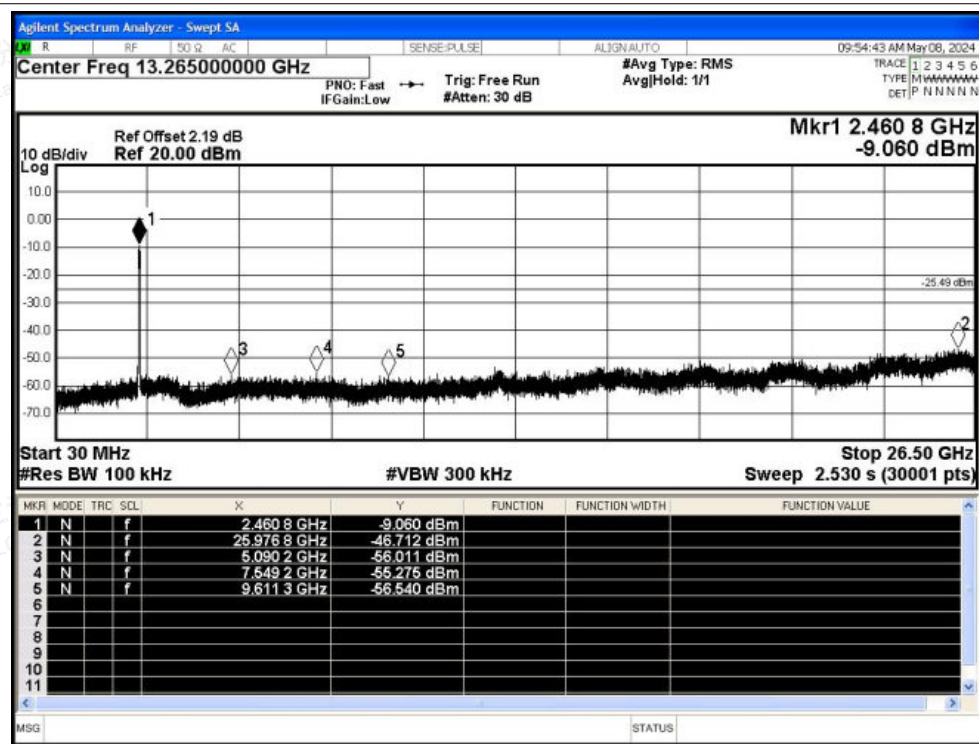




## Tx. Spurious NVNT n40 2452MHz Ant1 Ref



## Tx. Spurious NVNT n40 2452MHz Ant1 Emission





## A.6 Duty Cycle

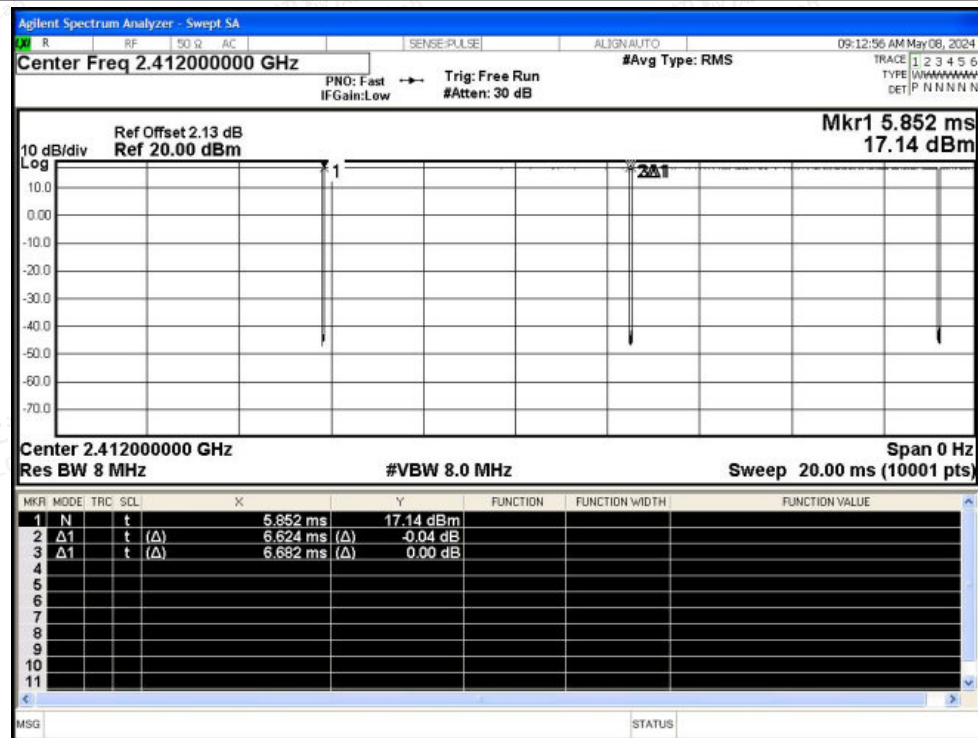
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | b    | 2412            | Ant1    | 99.13          | 0                      | 0.01      |
| NVNT      | b    | 2437            | Ant1    | 99.13          | 0                      | 0.01      |
| NVNT      | b    | 2462            | Ant1    | 99.13          | 0                      | 0.01      |
| NVNT      | g    | 2412            | Ant1    | 97.68          | 0.1                    | 0.37      |
| NVNT      | g    | 2437            | Ant1    | 97.75          | 0.1                    | 0.37      |
| NVNT      | g    | 2462            | Ant1    | 97.68          | 0.1                    | 0.37      |
| NVNT      | n20  | 2412            | Ant1    | 97.33          | 0.12                   | 0.44      |
| NVNT      | n20  | 2437            | Ant1    | 97.33          | 0.12                   | 0.44      |
| NVNT      | n20  | 2462            | Ant1    | 97.25          | 0.12                   | 0.44      |
| NVNT      | n40  | 2422            | Ant1    | 97.23          | 0.12                   | 0.46      |
| NVNT      | n40  | 2437            | Ant1    | 97.14          | 0.13                   | 0.46      |
| NVNT      | n40  | 2452            | Ant1    | 97.23          | 0.12                   | 0.46      |



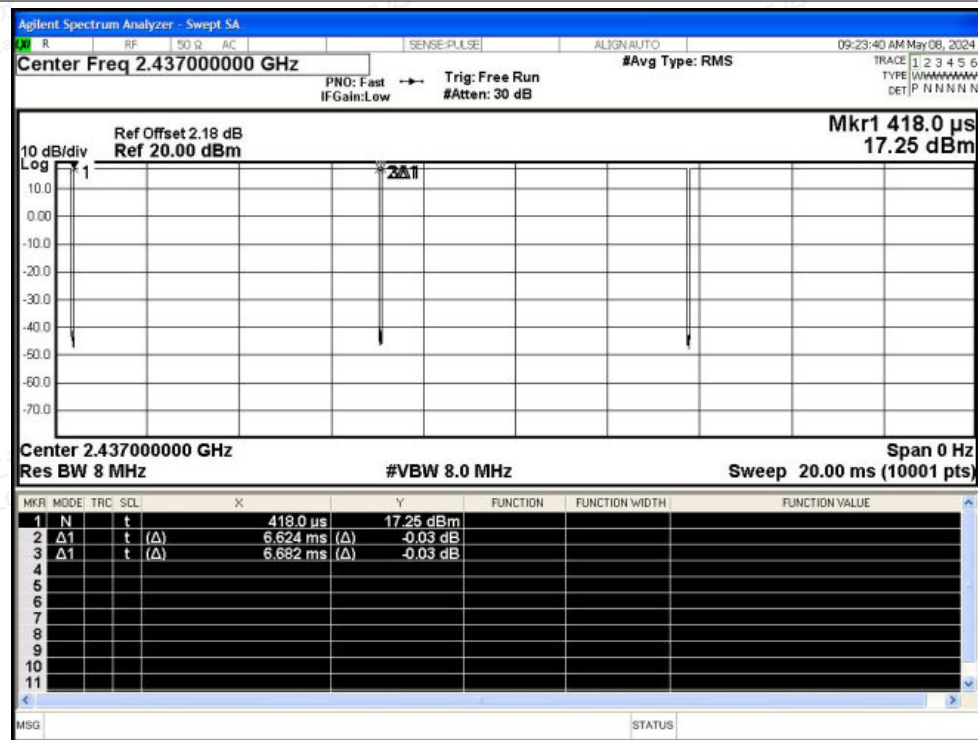


## Test Graphs

## Duty Cycle NVNT b 2412MHz Ant1

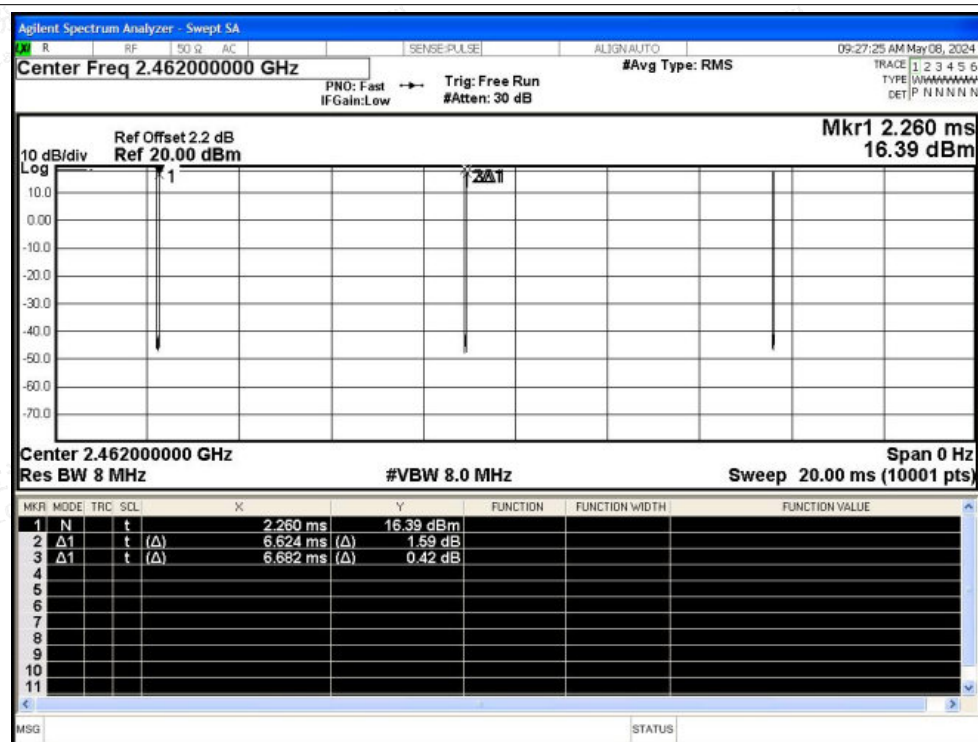


## Duty Cycle NVNT b 2437MHz Ant1

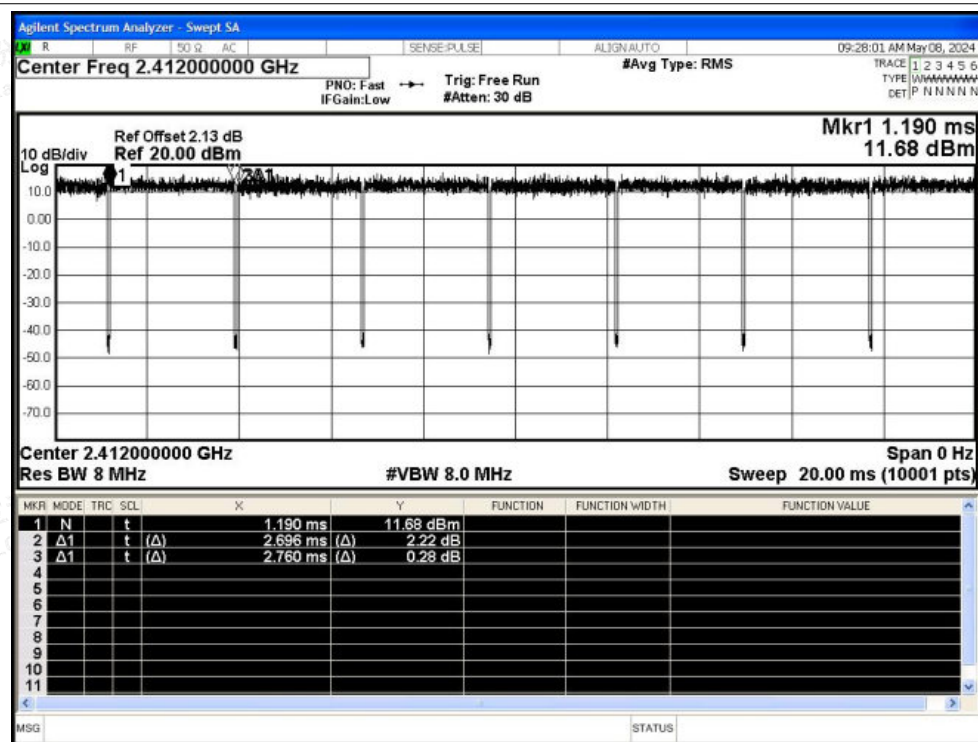




## Duty Cycle NVNT b 2462MHz Ant1

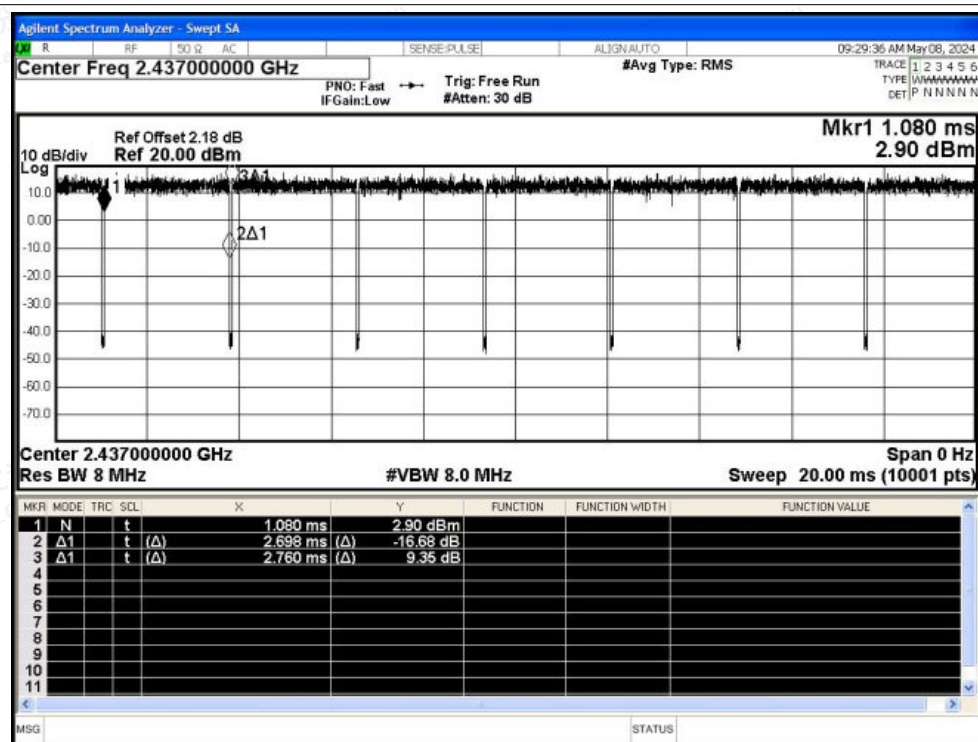


## Duty Cycle NVNT g 2412MHz Ant1

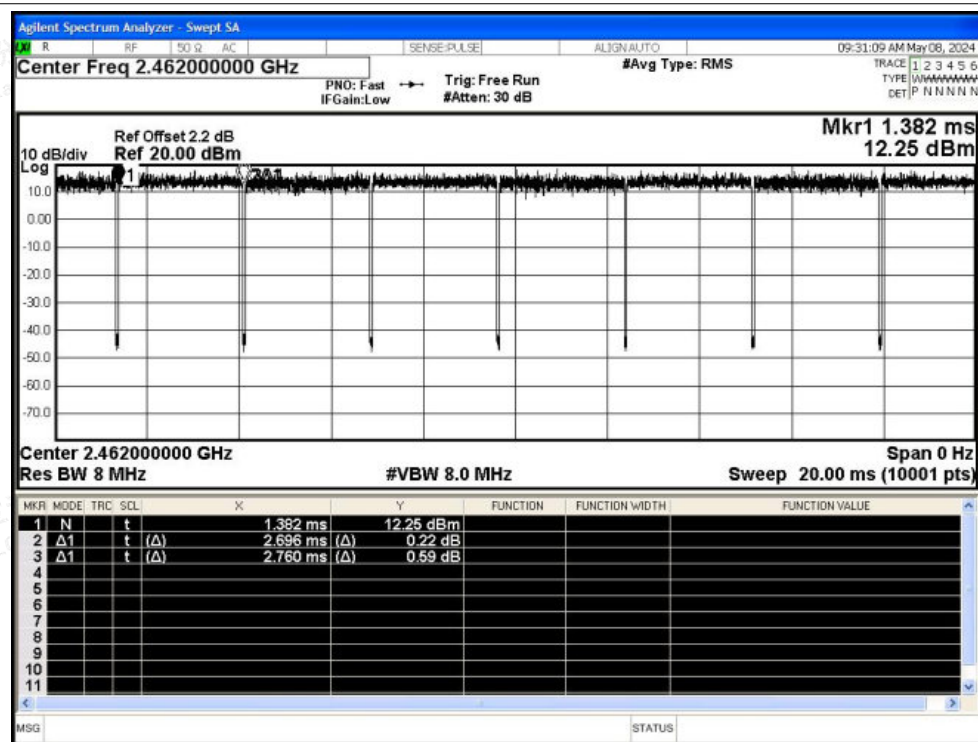




## Duty Cycle NVNT g 2437MHz Ant1

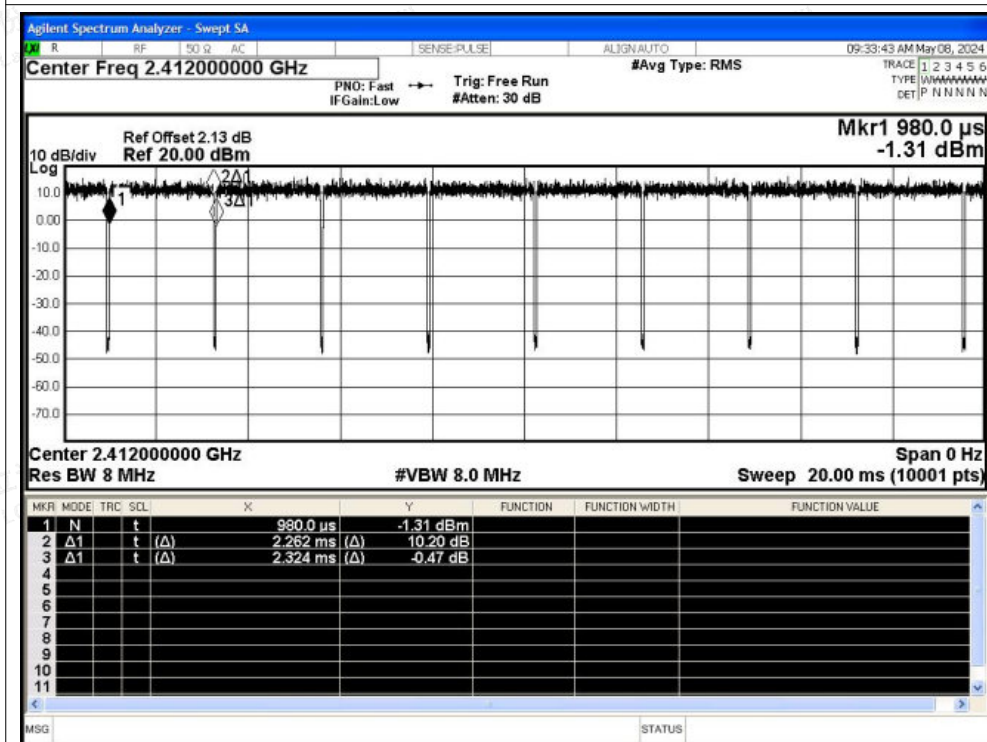


## Duty Cycle NVNT g 2462MHz Ant1

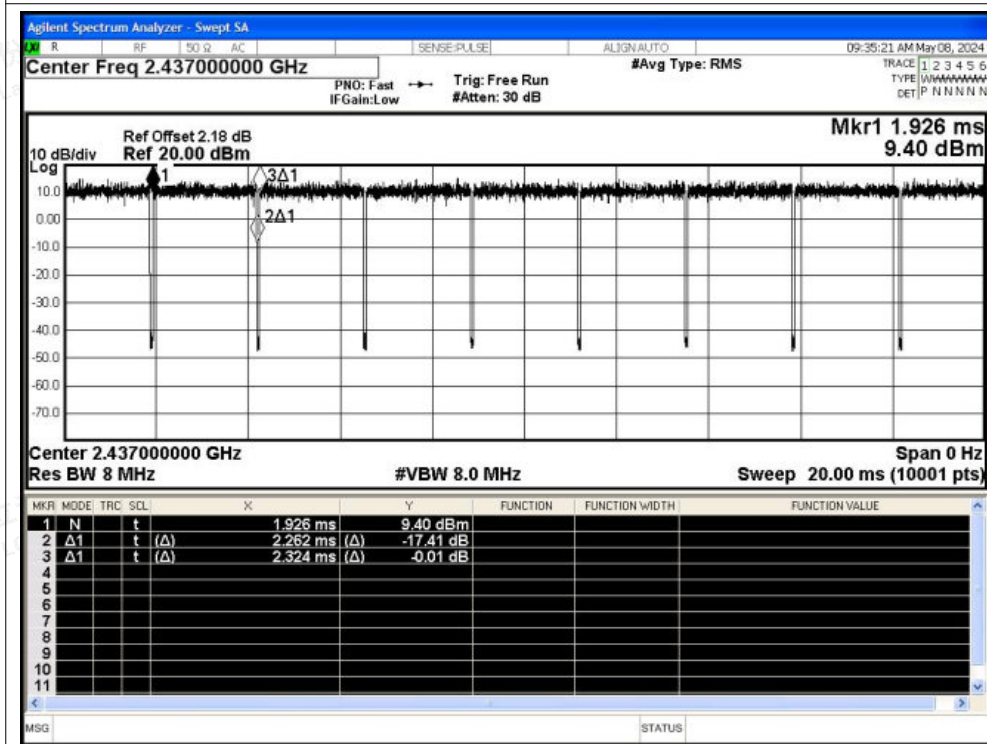




## Duty Cycle NVNT n20 2412MHz Ant1

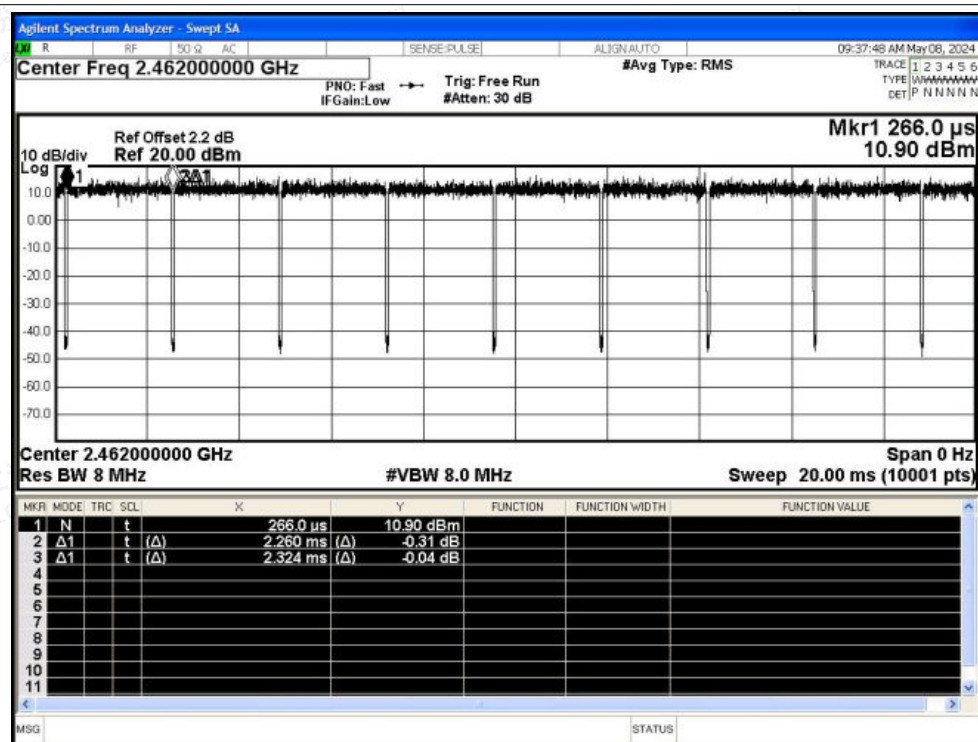


## Duty Cycle NVNT n20 2437MHz Ant1

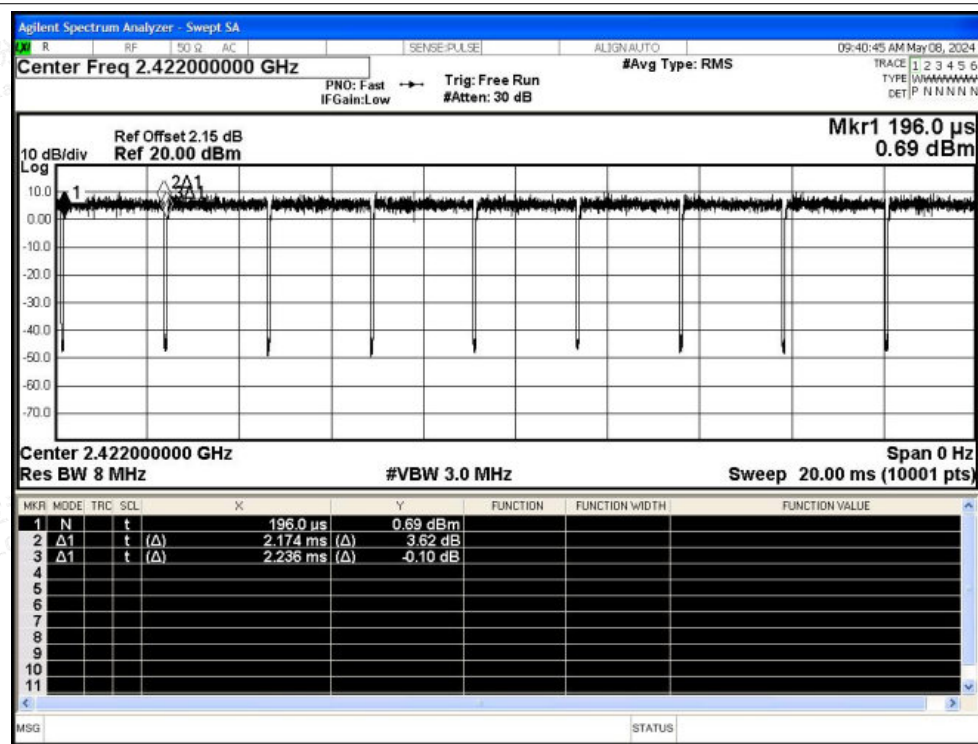




Duty Cycle NVNT n20 2462MHz Ant1

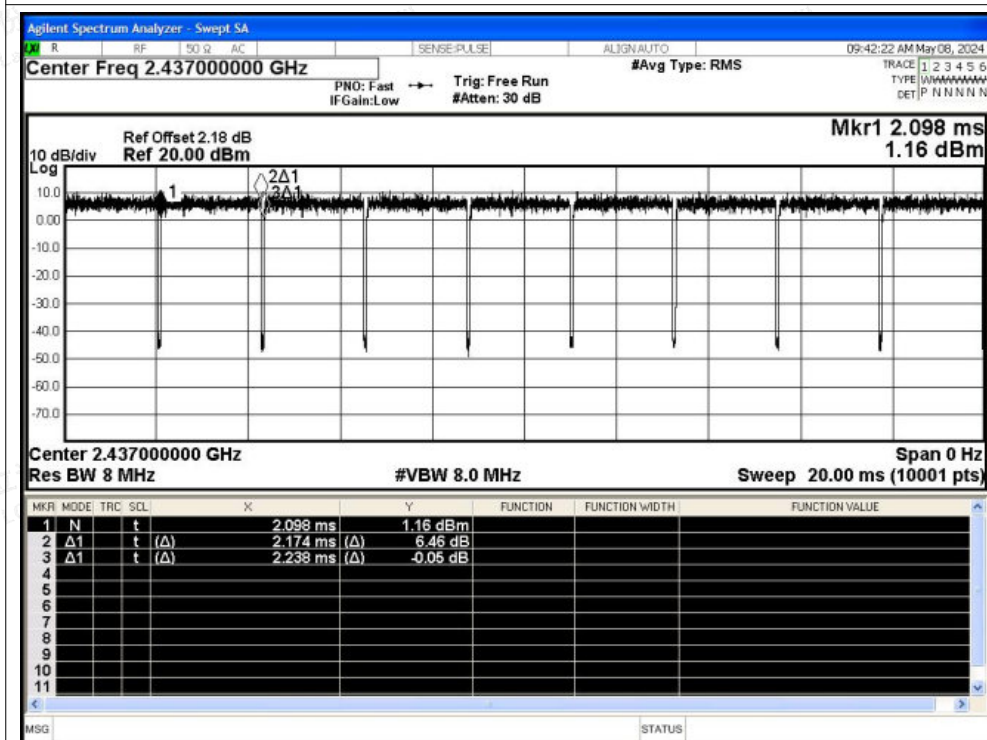


Duty Cycle NVNT n40 2422MHz Ant1

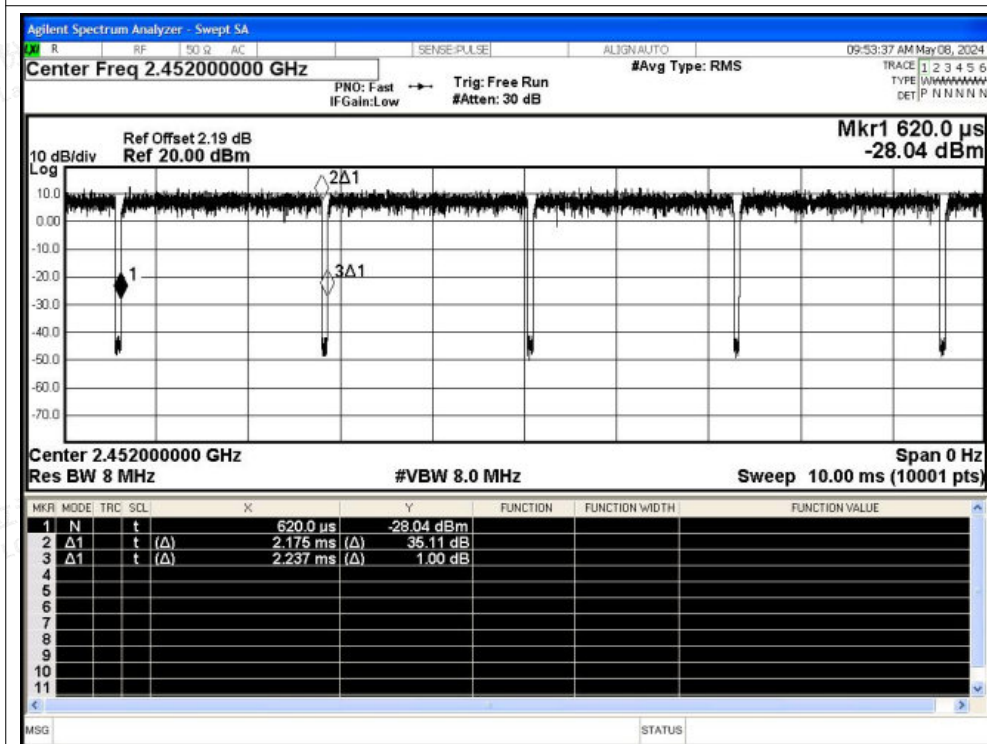




## Duty Cycle NVNT n40 2437MHz Ant1



## Duty Cycle NVNT n40 2452MHz Ant1





## A.7 Restrict Band

| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | Duty Factor (dB) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------------|------------|----------|----------------|---------|
| NVNT      | b    | 2412            | Ant1    | 2310            | -50.86      | 3.0        | -                | 47.4       | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2310            | -58.54      | 3.0        | 0                | 39.72      | Average  | 54             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2337.846        | -47.27      | 3.0        | -                | 50.99      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2387.805        | -55.98      | 3.0        | 0                | 42.28      | Average  | 54             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2390            | -46.89      | 3.0        | -                | 51.37      | Peak     | 74             | Pass    |
| NVNT      | b    | 2412            | Ant1    | 2390            | -56.38      | 3.0        | 0                | 41.88      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2483.5          | -47.56      | 3.0        | -                | 50.7       | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2483.5          | -55.72      | 3.0        | 0                | 42.54      | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2486.538        | -40.87      | 3.0        | -                | 57.39      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2484.683        | -55.06      | 3.0        | 0                | 43.2       | Average  | 54             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2500            | -51.15      | 3.0        | -                | 47.11      | Peak     | 74             | Pass    |
| NVNT      | b    | 2462            | Ant1    | 2500            | -57.73      | 3.0        | 0                | 40.53      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2310            | -50.17      | 3.0        | -                | 48.09      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2310            | -58.5       | 3.0        | 0.1              | 39.86      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2389.794        | -32.98      | 3.0        | -                | 65.28      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2389.911        | -52.2       | 3.0        | 0.1              | 46.16      | Average  | 54             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2390            | -42.19      | 3.0        | -                | 56.07      | Peak     | 74             | Pass    |
| NVNT      | g    | 2412            | Ant1    | 2390            | -51.47      | 3.0        | 0.1              | 46.89      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.5          | -37         | 3.0        | -                | 61.26      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2483.5          | -53.34      | 3.0        | 0.1              | 45.02      | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2484.206        | -34.34      | 3.0        | -                | 63.92      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2484.312        | -51.56      | 3.0        | 0.1              | 46.8       | Average  | 54             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2500            | -50.02      | 3.0        | -                | 48.24      | Peak     | 74             | Pass    |
| NVNT      | g    | 2462            | Ant1    | 2500            | -58.26      | 3.0        | 0.1              | 40.1       | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2310            | -51.22      | 3.0        | -                | 47.04      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2310            | -59.11      | 3.0        | 0.12             | 39.27      | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2389.209        | -33.92      | 3.0        | -                | 64.34      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2389.209        | -51.48      | 3.0        | 0.12             | 46.9       | Average  | 54             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2390            | -32.67      | 3.0        | -                | 65.59      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 2390            | -52.48      | 3.0        | 0.12             | 45.9       | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.5          | -38.62      | 3.0        | -                | 59.64      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.5          | -52.88      | 3.0        | 0.12             | 45.5       | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2484.047        | -36.79      | 3.0        | -                | 61.47      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2483.994        | -52.81      | 3.0        | 0.12             | 45.57      | Average  | 54             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2500            | -50.28      | 3.0        | -                | 47.98      | Peak     | 74             | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 2500            | -57.89      | 3.0        | 0.12             | 40.49      | Average  | 54             | Pass    |





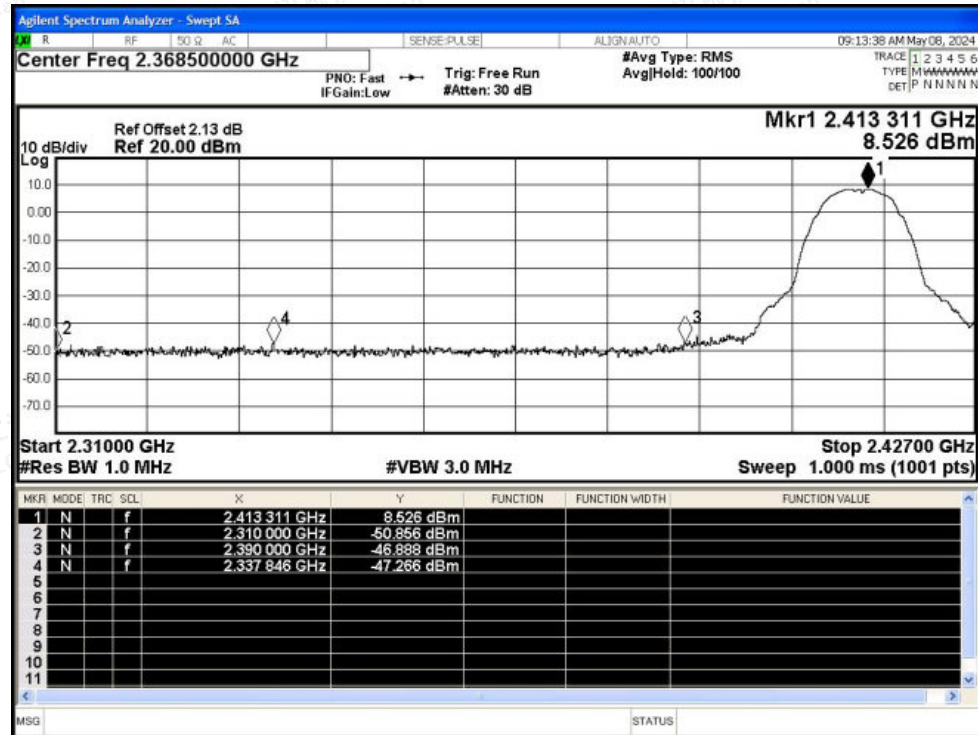
|      |     |      |      |          |        |     |      |       |         |    |      |
|------|-----|------|------|----------|--------|-----|------|-------|---------|----|------|
| NVNT | n40 | 2422 | Ant1 | 2310     | -49.27 | 3.0 | -    | 48.99 | Peak    | 74 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2310     | -58.54 | 3.0 | 0.12 | 39.84 | Average | 54 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2389.236 | -38.63 | 3.0 | -    | 59.63 | Peak    | 74 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2389.804 | -53.29 | 3.0 | 0.12 | 45.09 | Average | 54 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2390     | -42.06 | 3.0 | -    | 56.2  | Peak    | 74 | Pass |
| NVNT | n40 | 2422 | Ant1 | 2390     | -53.62 | 3.0 | 0.12 | 44.76 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2483.5   | -40.88 | 3.0 | -    | 57.38 | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2483.5   | -53.82 | 3.0 | 0.12 | 44.56 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2484.556 | -38.3  | 3.0 | -    | 59.96 | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2483.932 | -53.07 | 3.0 | 0.12 | 45.31 | Average | 54 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2500     | -49.72 | 3.0 | -    | 48.54 | Peak    | 74 | Pass |
| NVNT | n40 | 2452 | Ant1 | 2500     | -58.07 | 3.0 | 0.12 | 40.31 | Average | 54 | Pass |



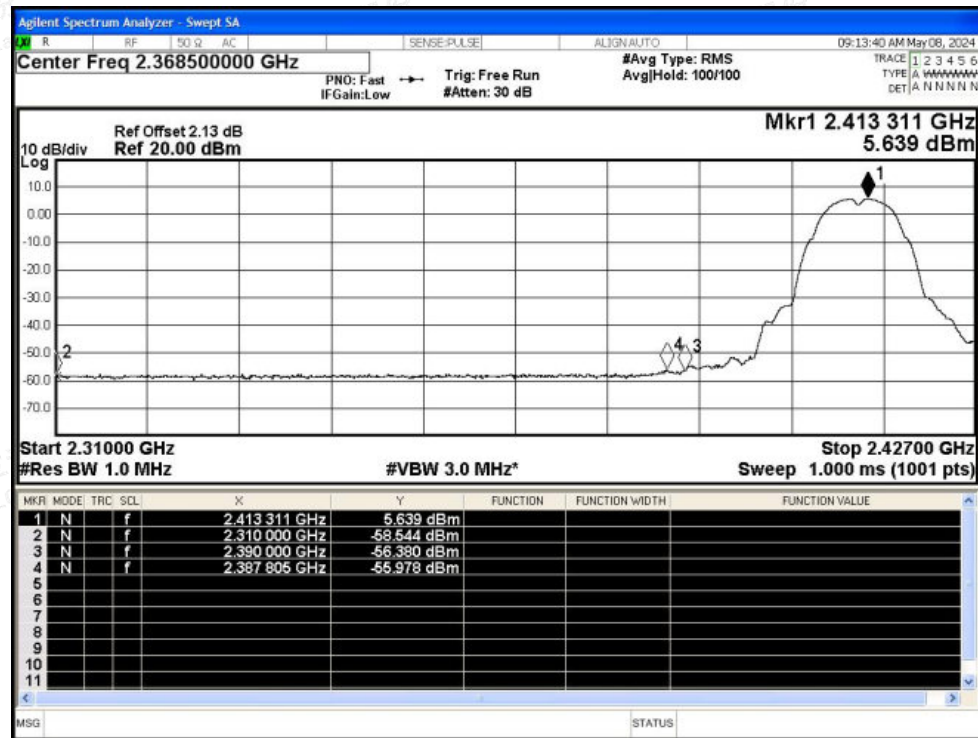


## Test Graphs

## Restrict Band NVNT b 2412MHz Ant1 Peak

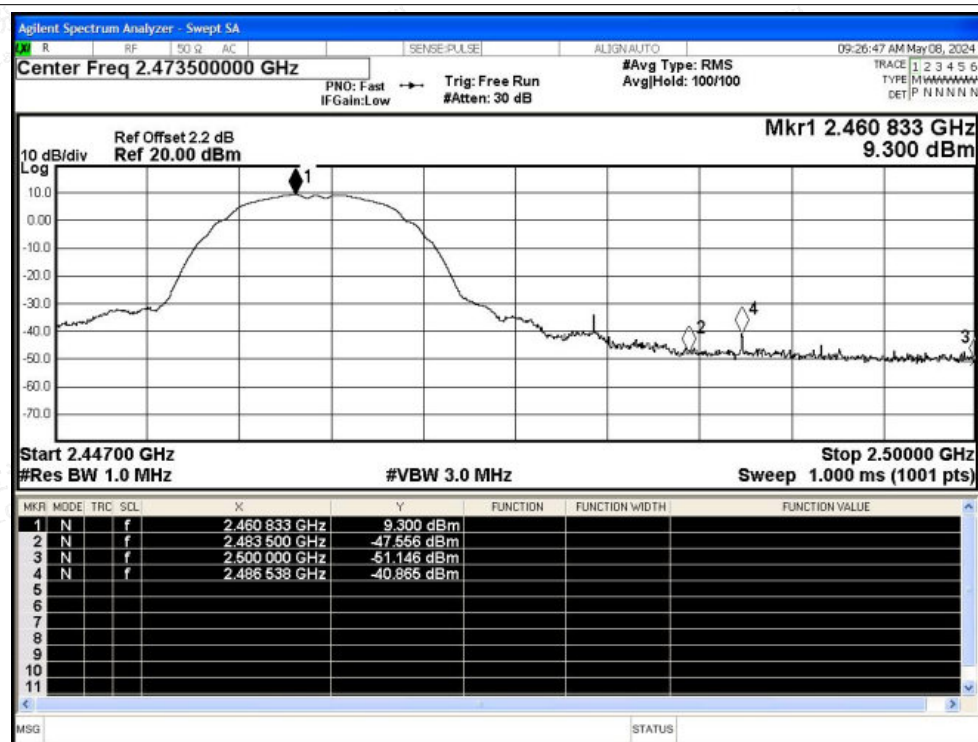


## Restrict Band NVNT b 2412MHz Ant1 Average

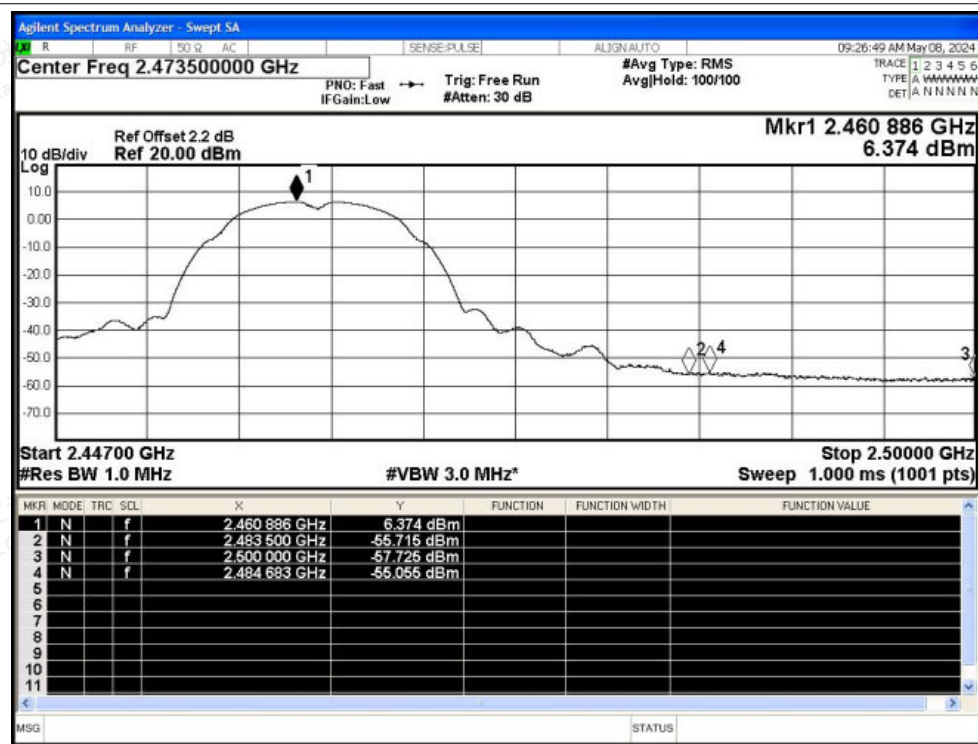




## Restrict Band NVNT b 2462MHz Ant1 Peak

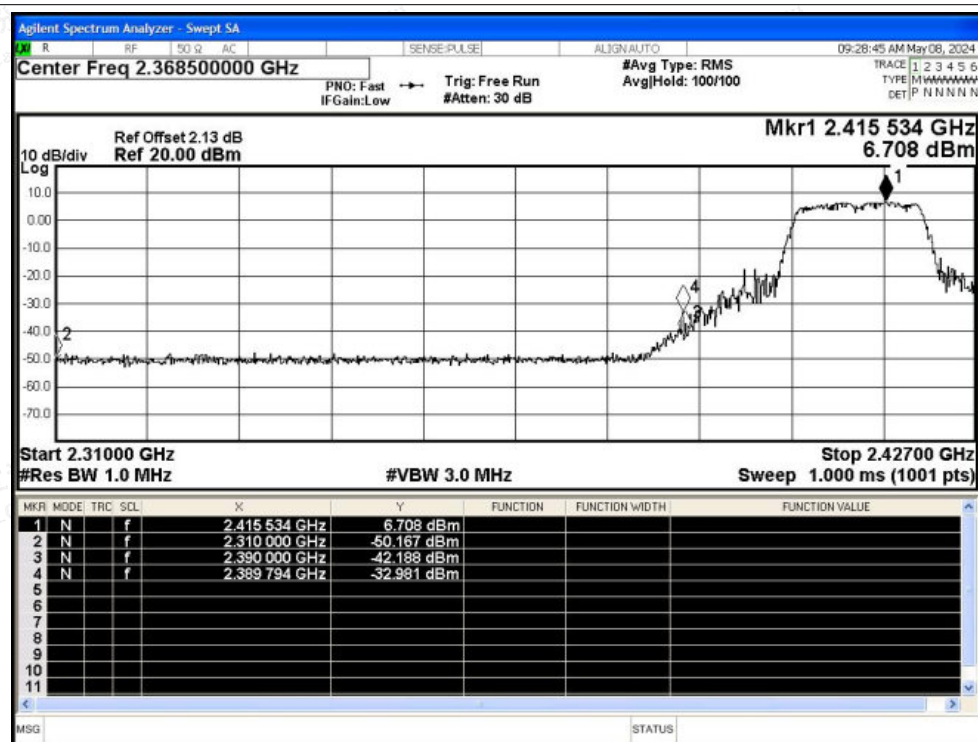


## Restrict Band NVNT b 2462MHz Ant1 Average

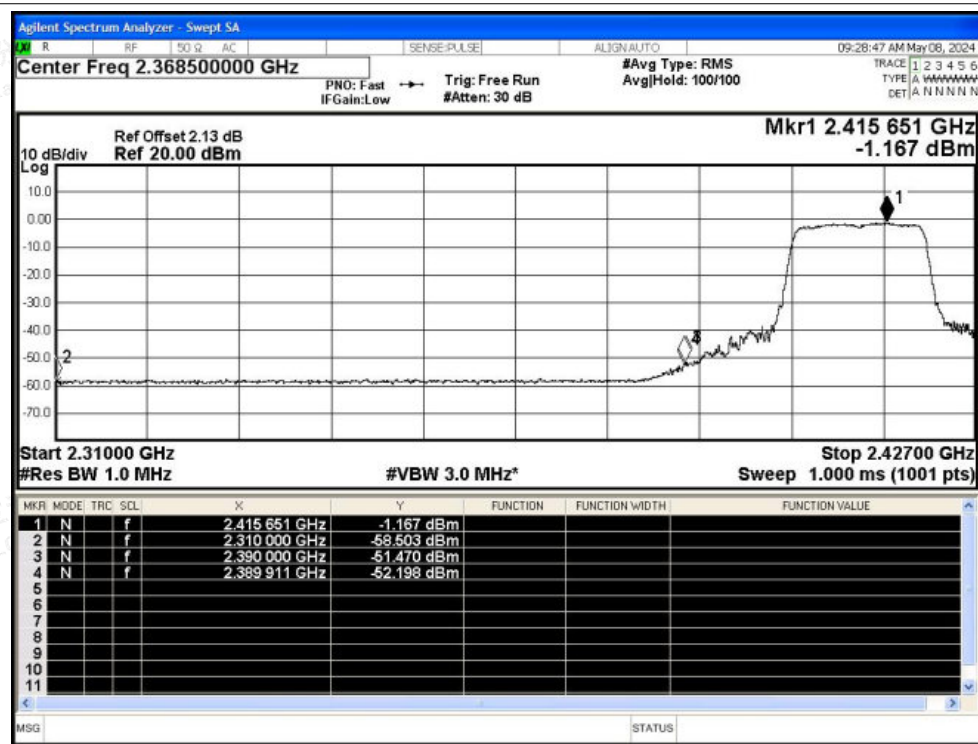




## Restrict Band NVNT g 2412MHz Ant1 Peak

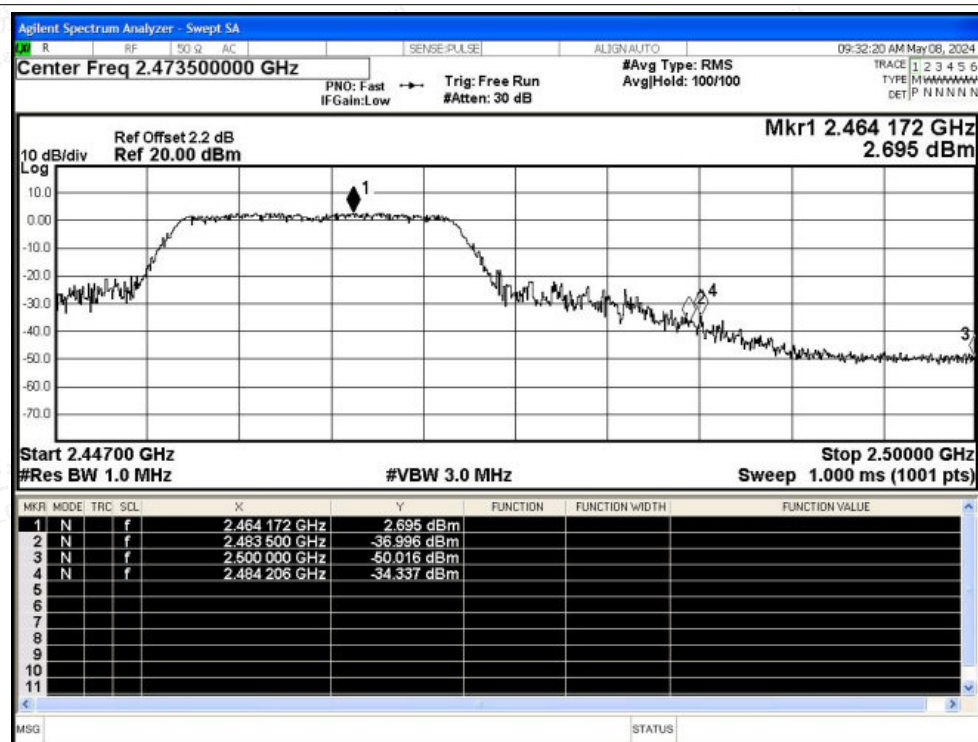


## Restrict Band NVNT g 2412MHz Ant1 Average

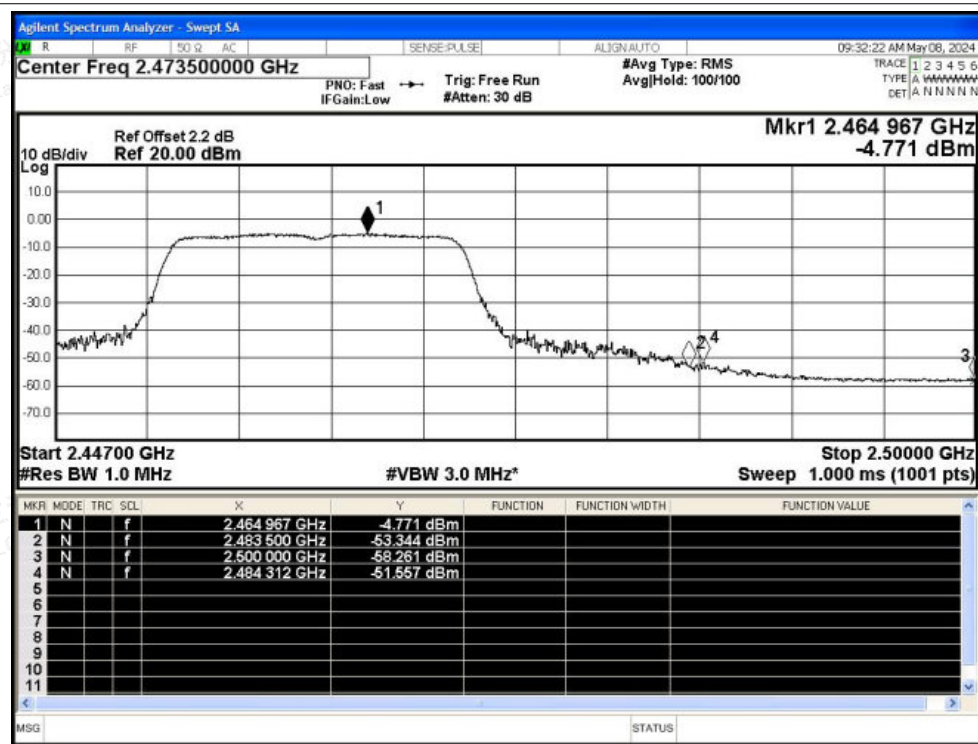




## Restrict Band NVNT g 2462MHz Ant1 Peak

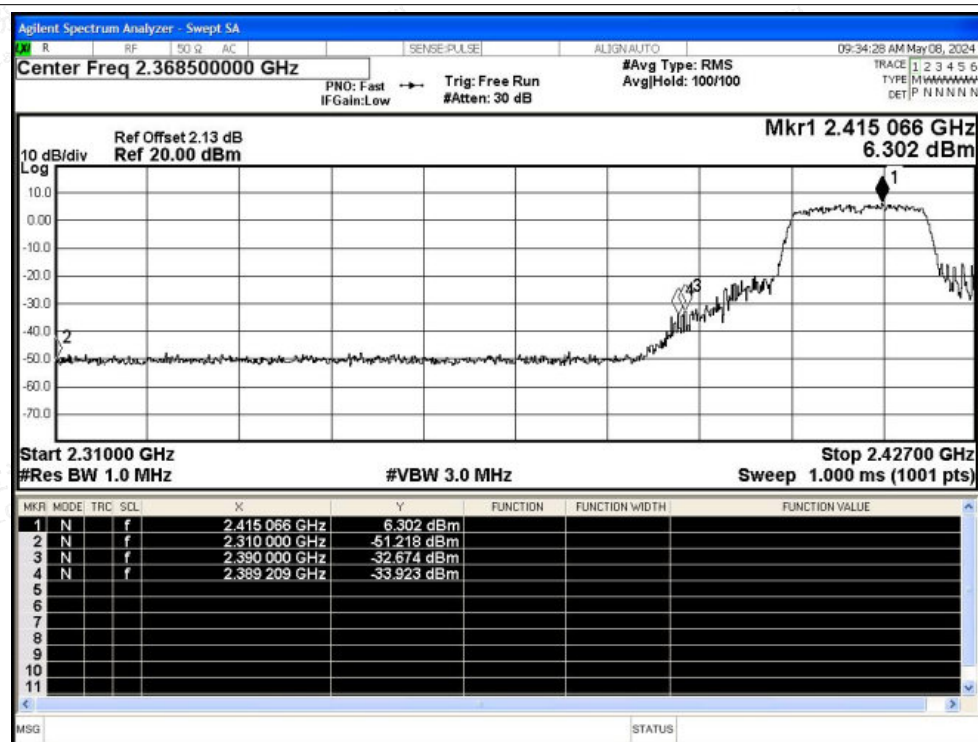


## Restrict Band NVNT g 2462MHz Ant1 Average

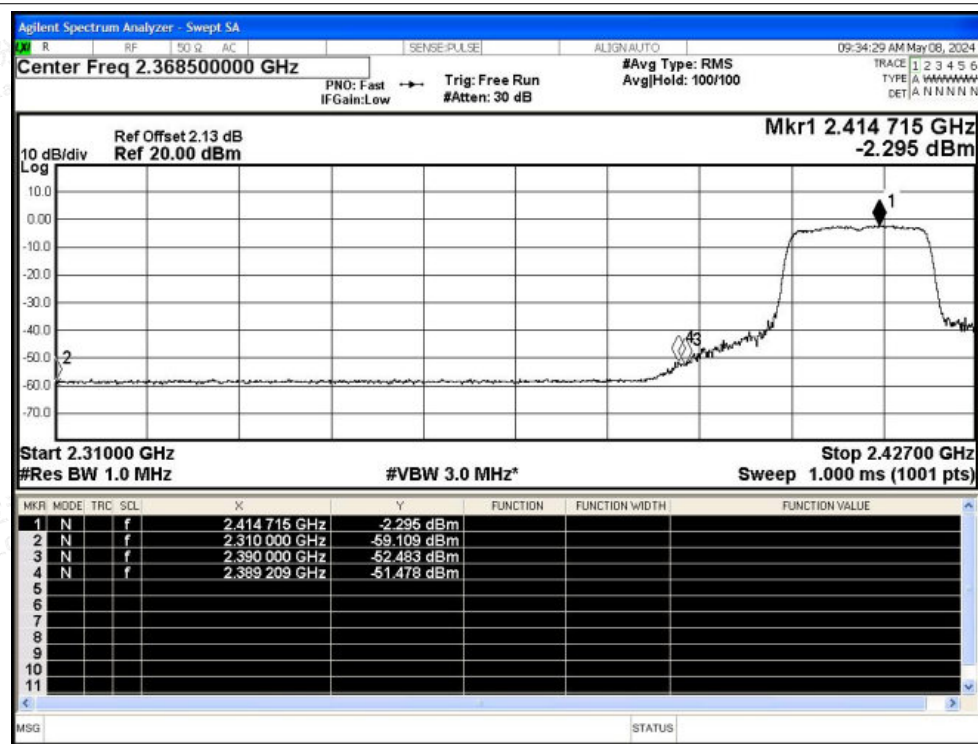




## Restrict Band NVNT n20 2412MHz Ant1 Peak

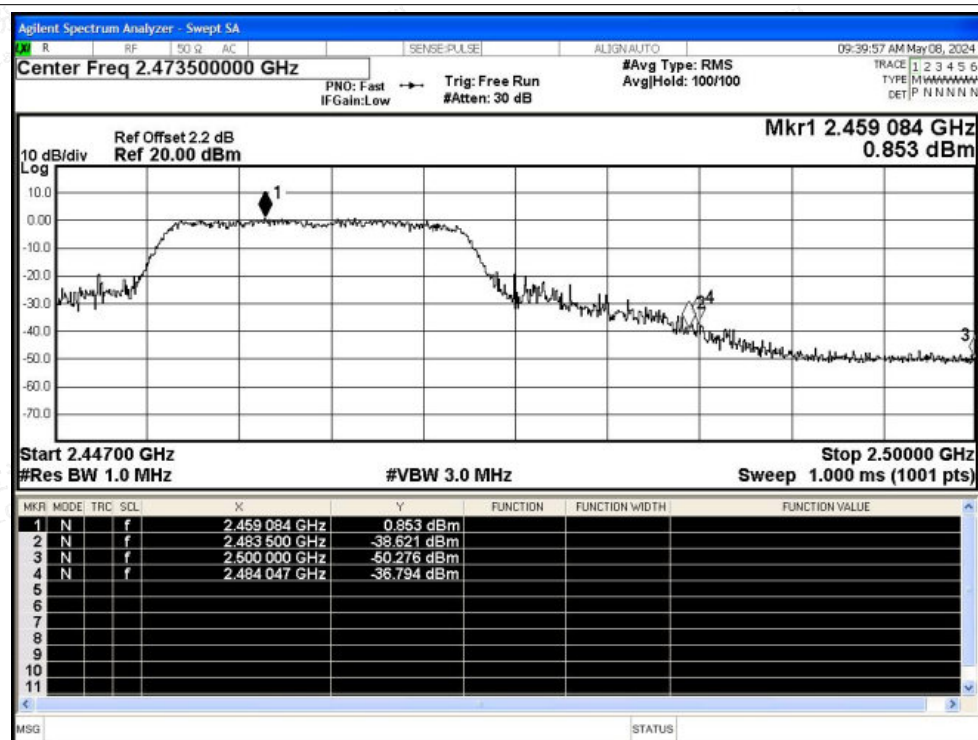


## Restrict Band NVNT n20 2412MHz Ant1 Average

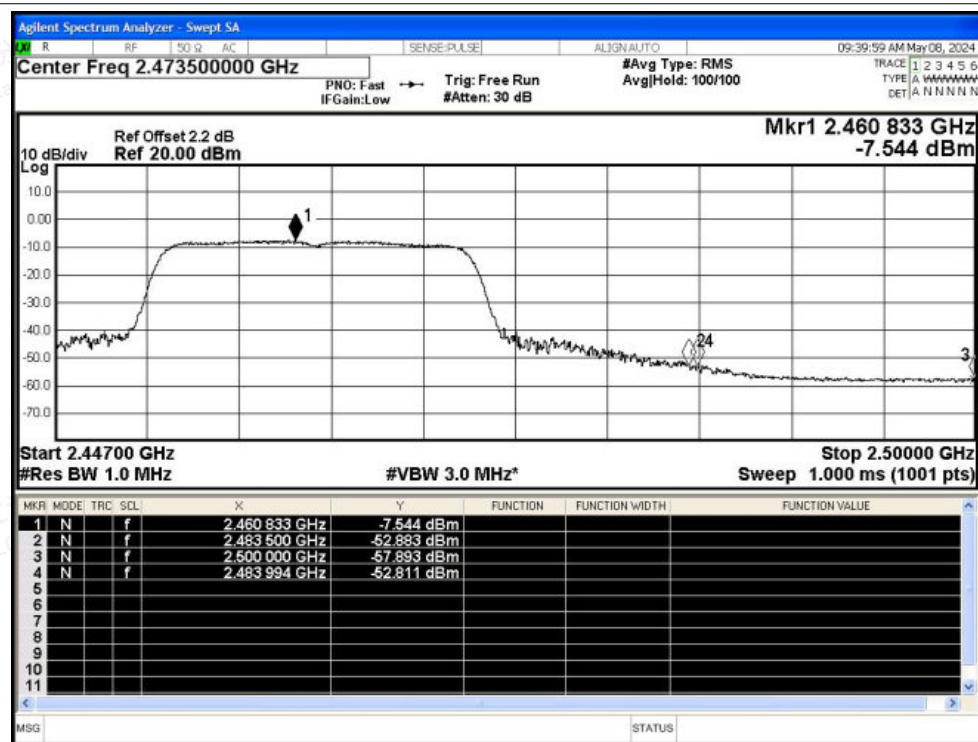




## Restrict Band NVNT n20 2462MHz Ant1 Peak

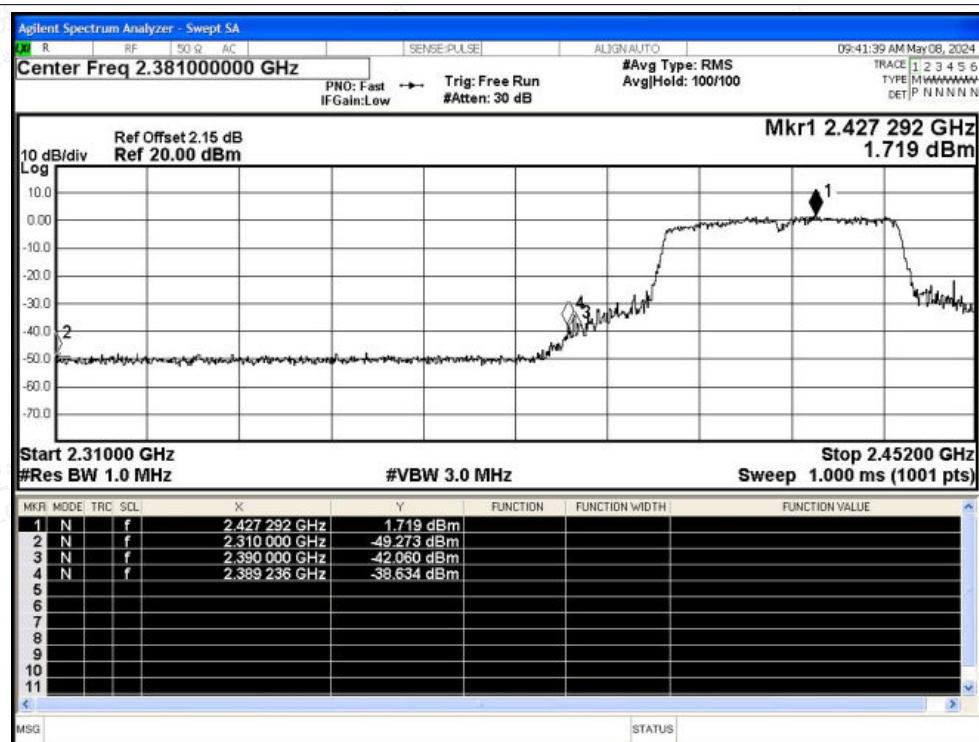


## Restrict Band NVNT n20 2462MHz Ant1 Average

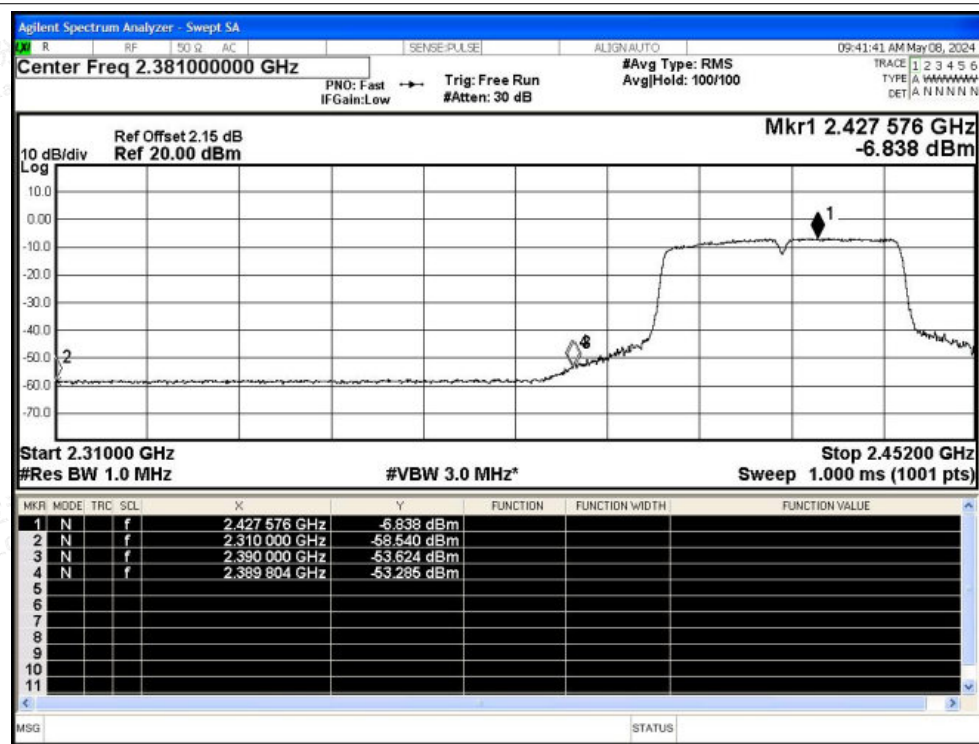




## Restrict Band NVNT n40 2422MHz Ant1 Peak

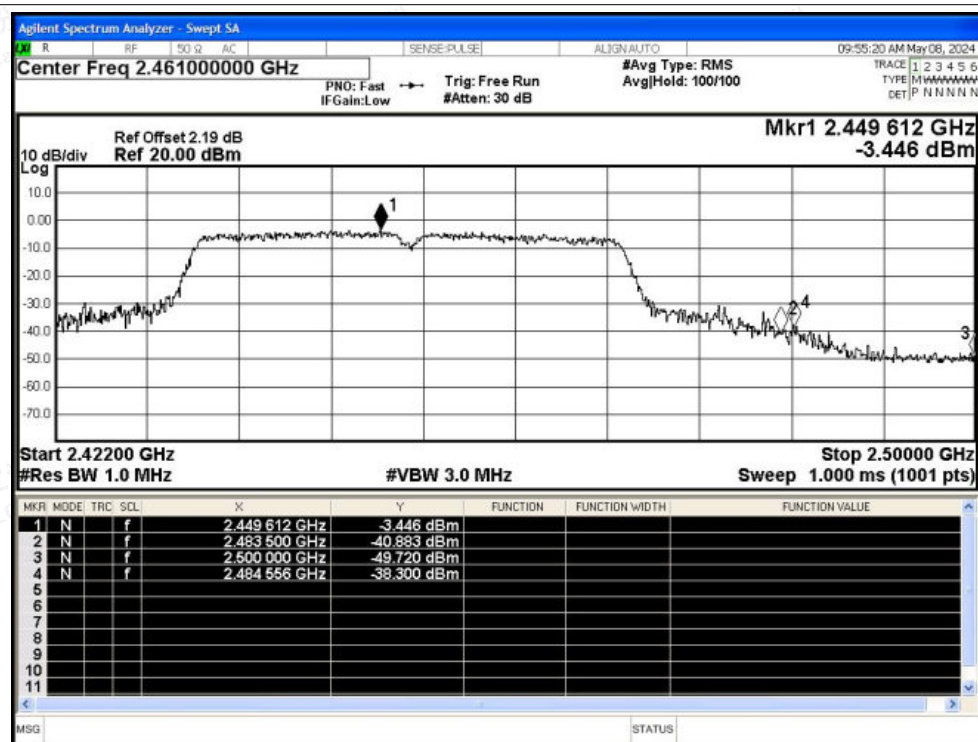


## Restrict Band NVNT n40 2422MHz Ant1 Average





## Restrict Band NVNT n40 2452MHz Ant1 Peak



## Restrict Band NVNT n40 2452MHz Ant1 Average

