

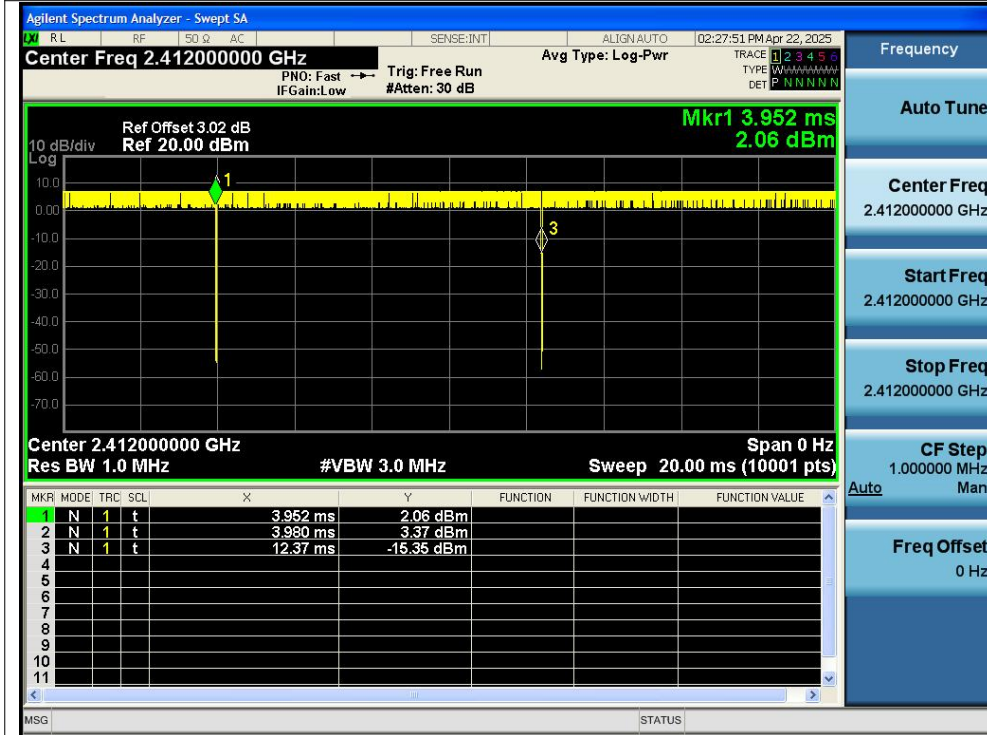
## Appendix C

### Duty Cycle

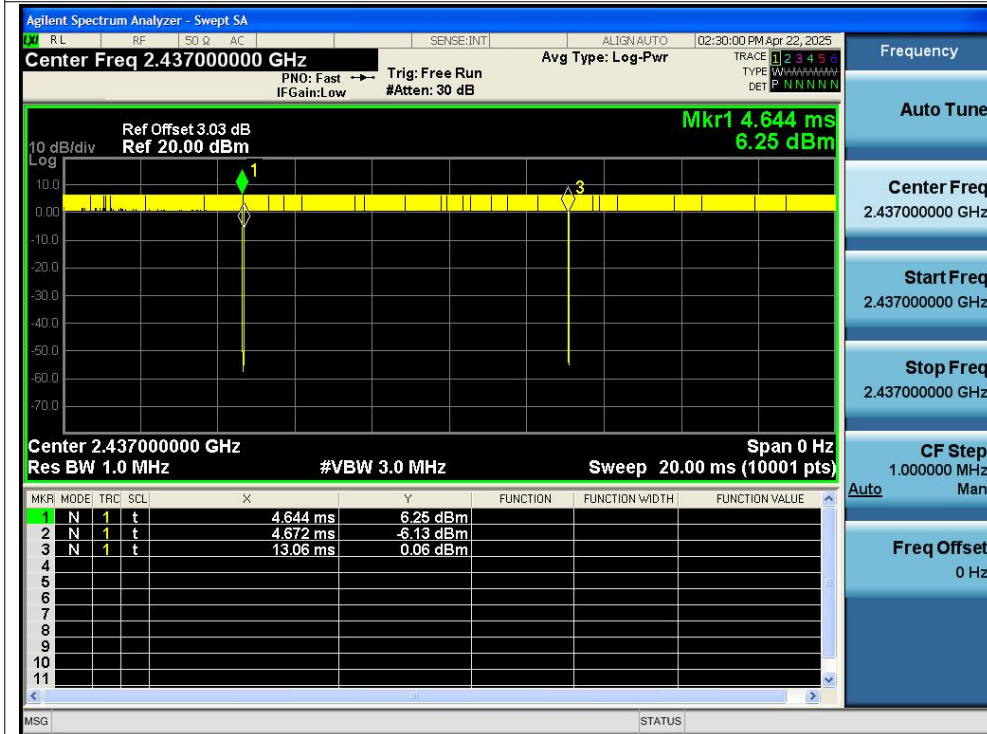
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | b    | 2412            | Ant1    | 99.67          | 0                      | 0.12      |
| NVNT      | b    | 2437            | Ant1    | 99.67          | 0                      | 0.12      |
| NVNT      | b    | 2462            | Ant1    | 99.67          | 0                      | 0.12      |
| NVNT      | g    | 2412            | Ant1    | 97.48          | 0.11                   | 0.72      |
| NVNT      | g    | 2437            | Ant1    | 97.48          | 0.11                   | 0.72      |
| NVNT      | g    | 2462            | Ant1    | 97.48          | 0.11                   | 0.72      |
| NVNT      | n20  | 2412            | Ant1    | 82             | 0.86                   | 6.1       |
| NVNT      | n20  | 2437            | Ant1    | 82             | 0.86                   | 6.1       |
| NVNT      | n20  | 2462            | Ant1    | 83             | 0.81                   | 6.02      |
| NVNT      | n40  | 2422            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n40  | 2437            | Ant1    | 100            | 0                      | 0         |
| NVNT      | n40  | 2452            | Ant1    | 100            | 0                      | 0         |

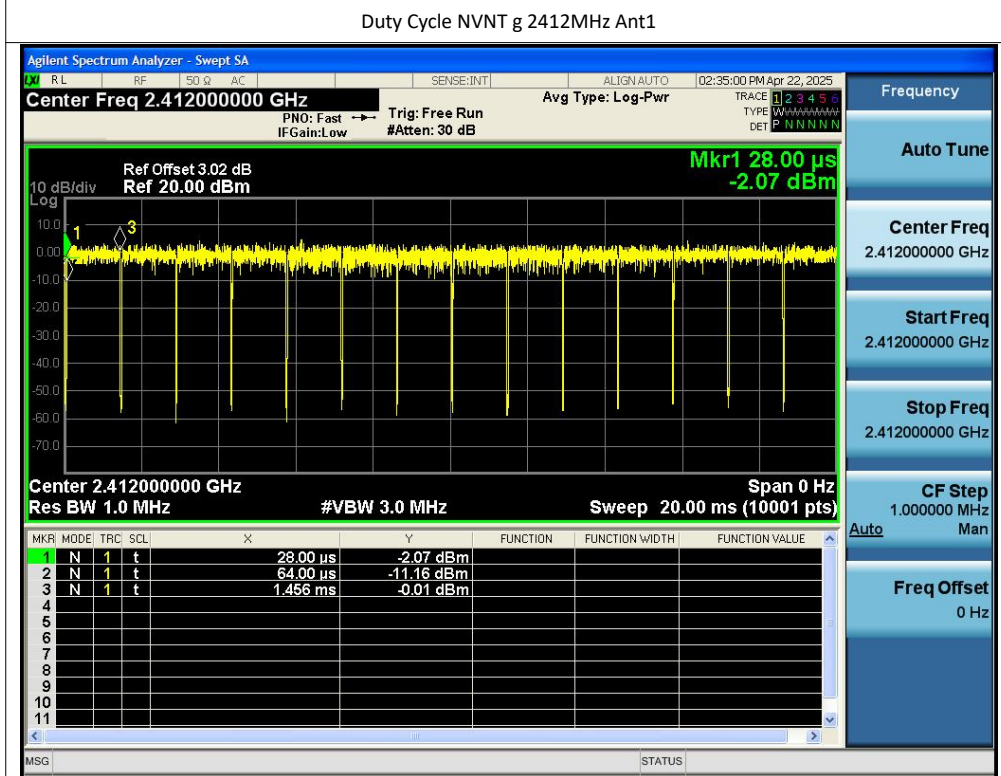
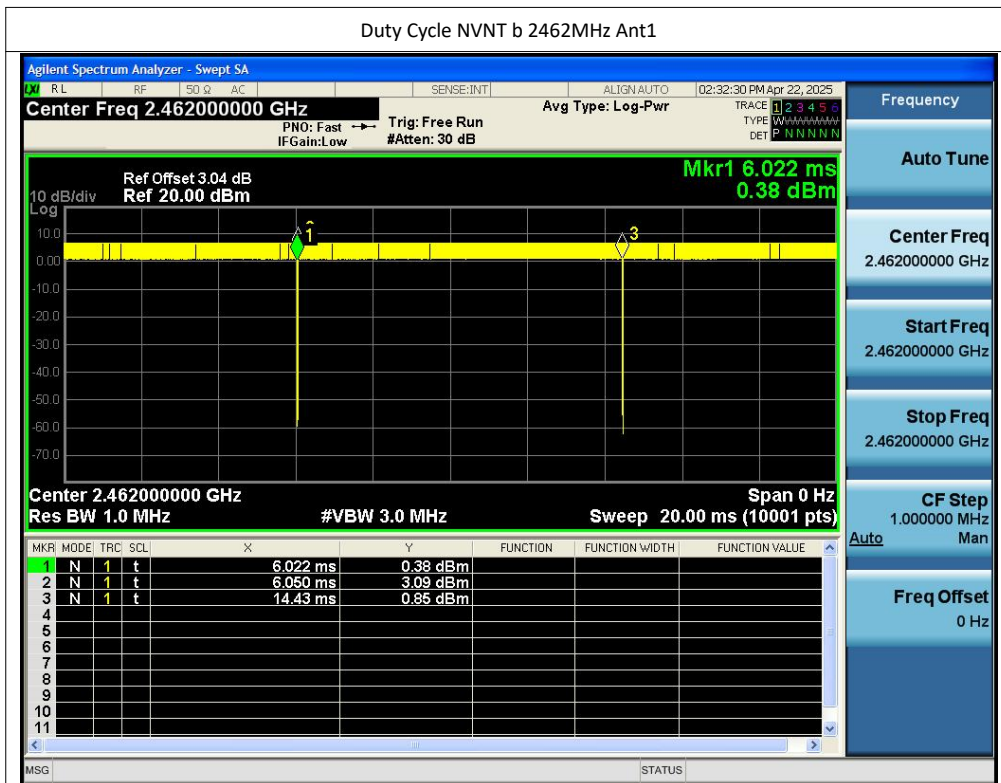
## Test Graphs

## Duty Cycle NVNT b 2412MHz Ant1

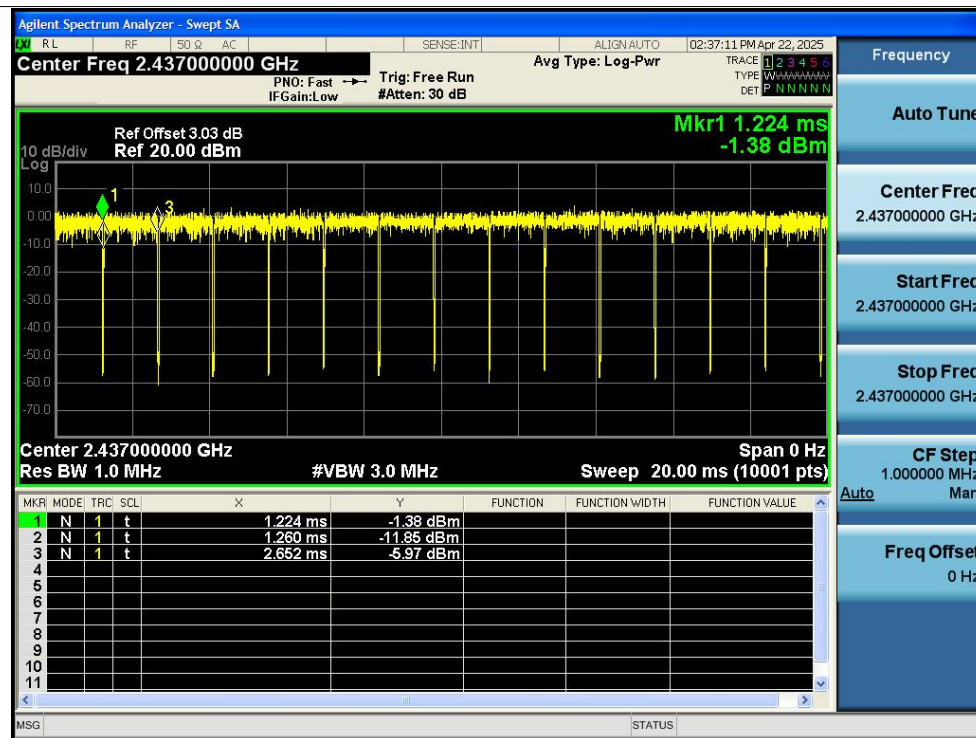


## Duty Cycle NVNT b 2437MHz Ant1

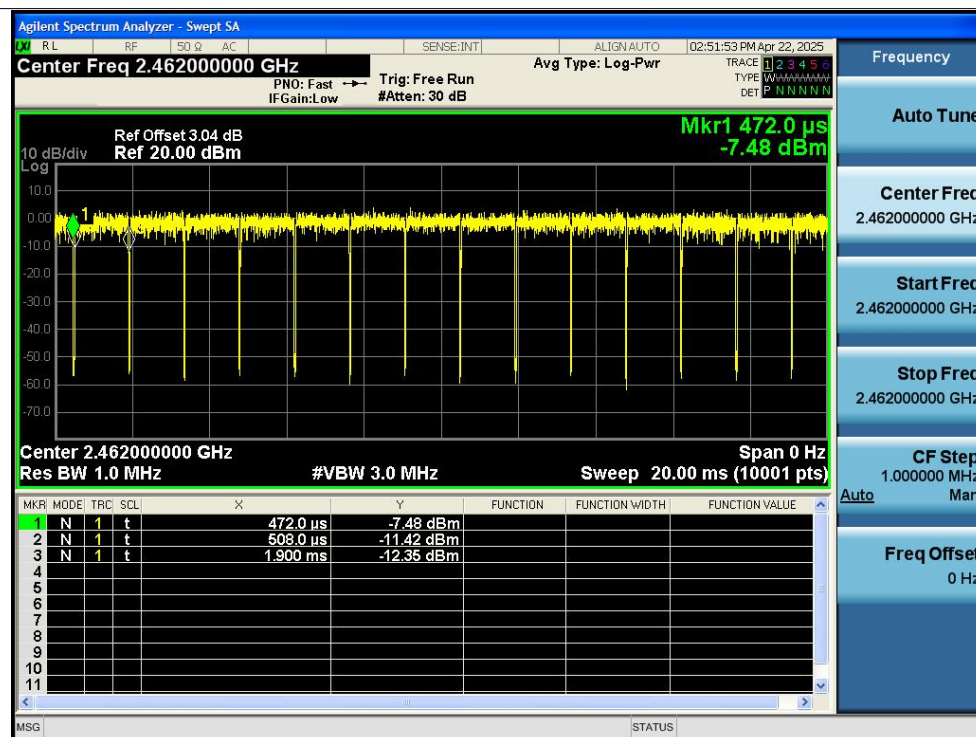




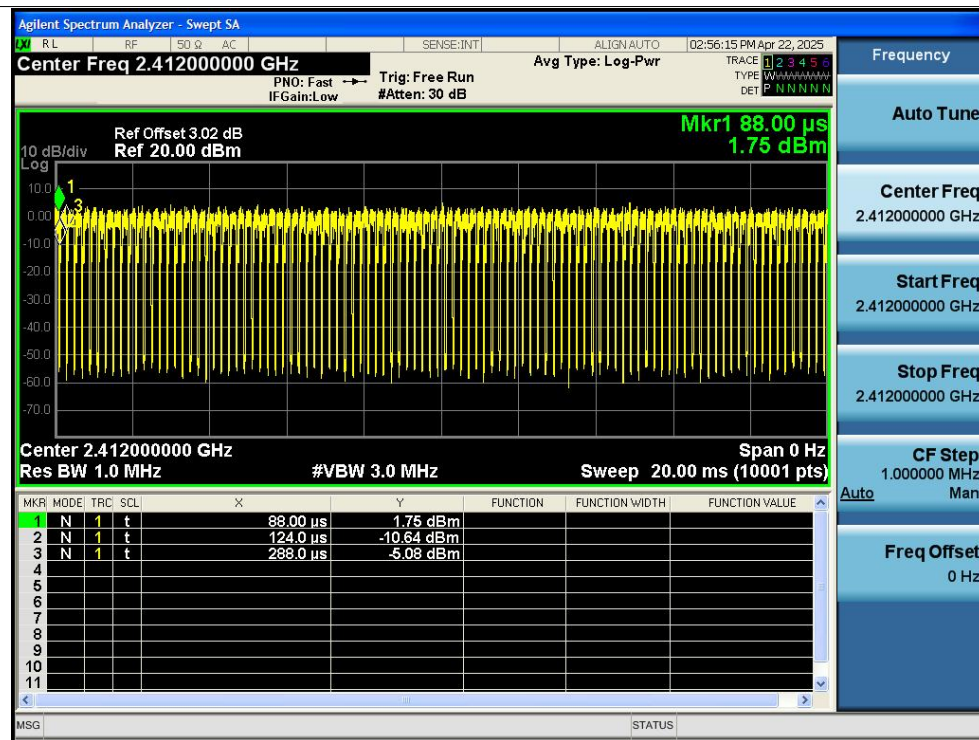
## Duty Cycle NVNT g 2437MHz Ant1



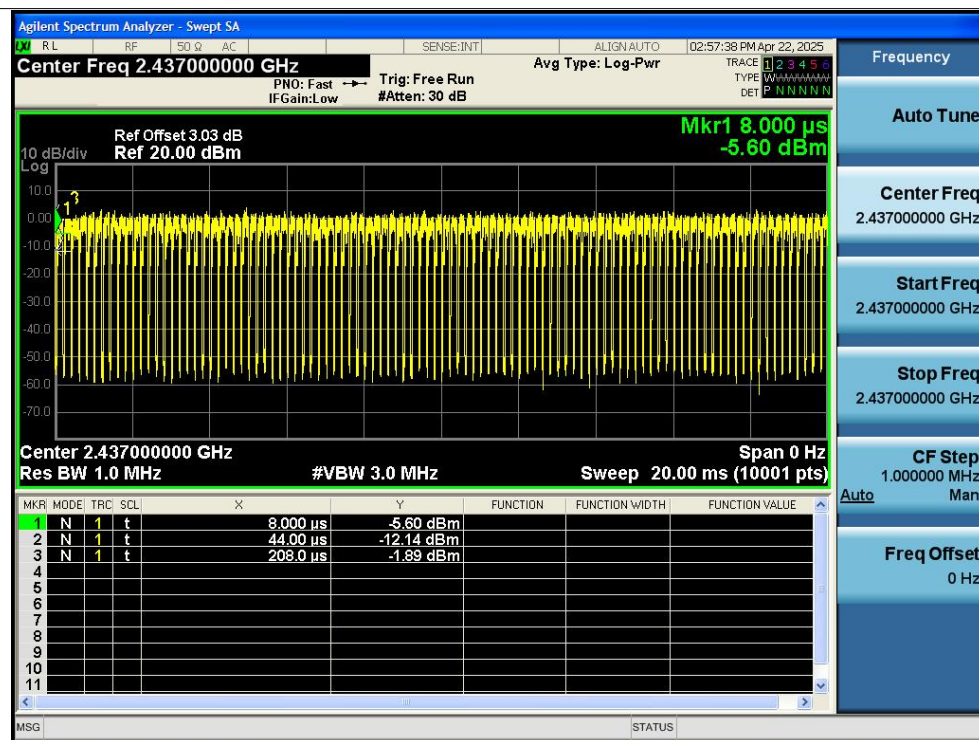
## Duty Cycle NVNT g 2462MHz Ant1



## Duty Cycle NVNT n20 2412MHz Ant1

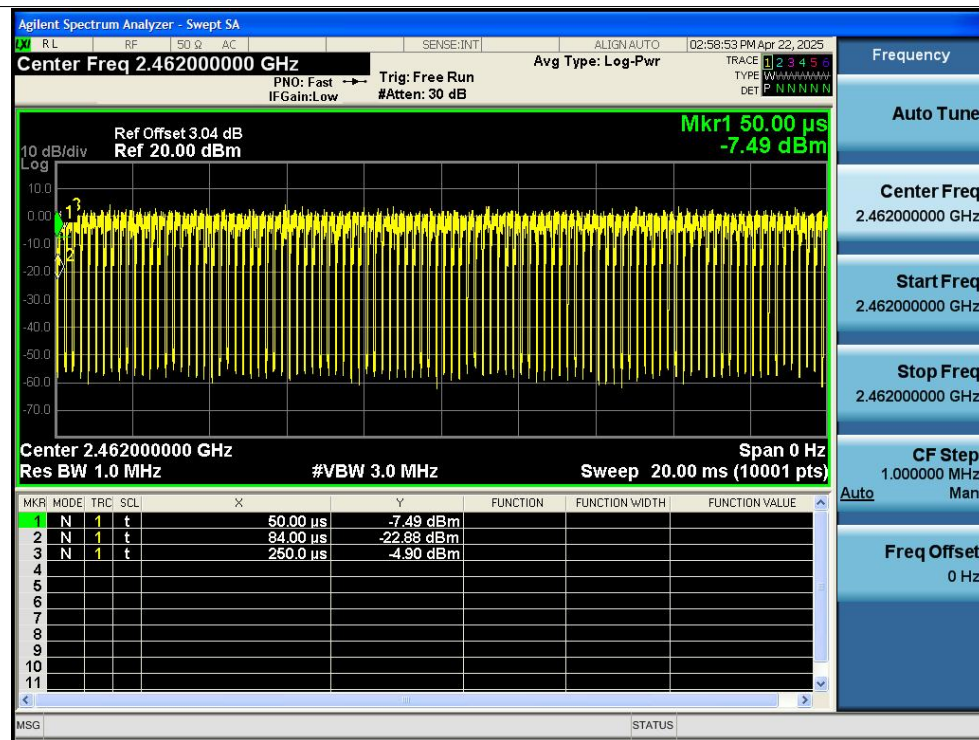


## Duty Cycle NVNT n20 2437MHz Ant1

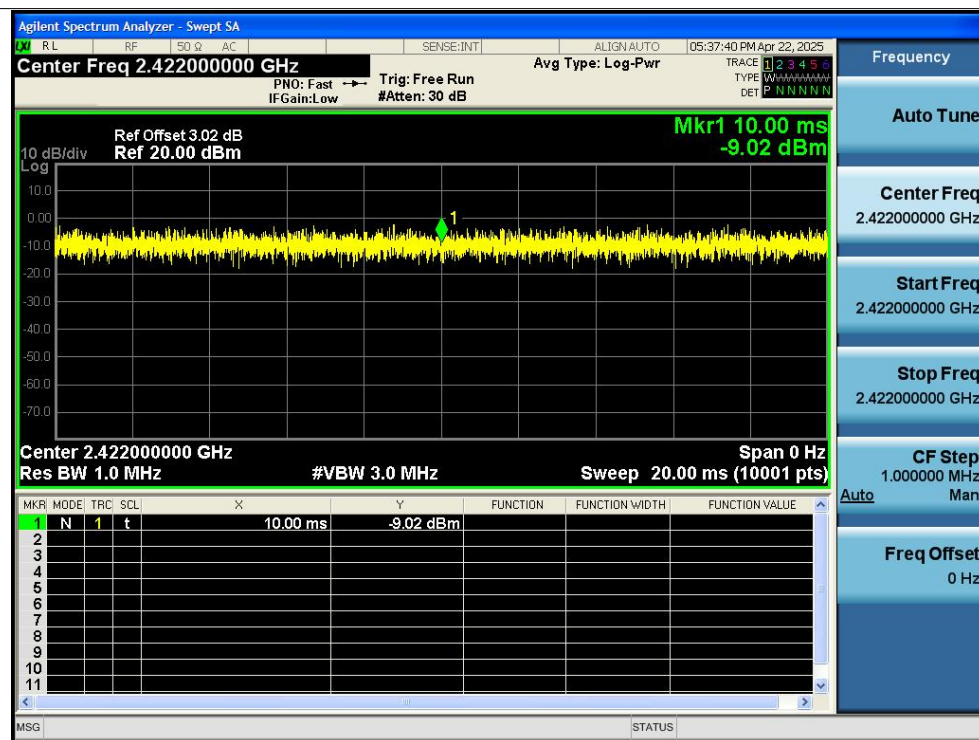




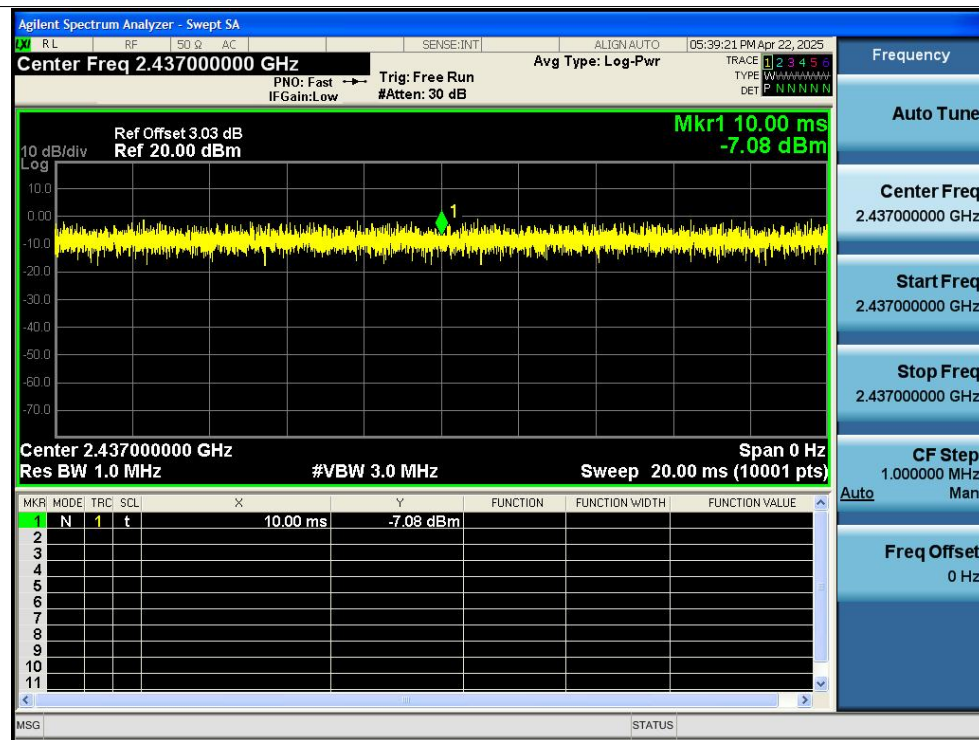
## Duty Cycle NVNT n20 2462MHz Ant1



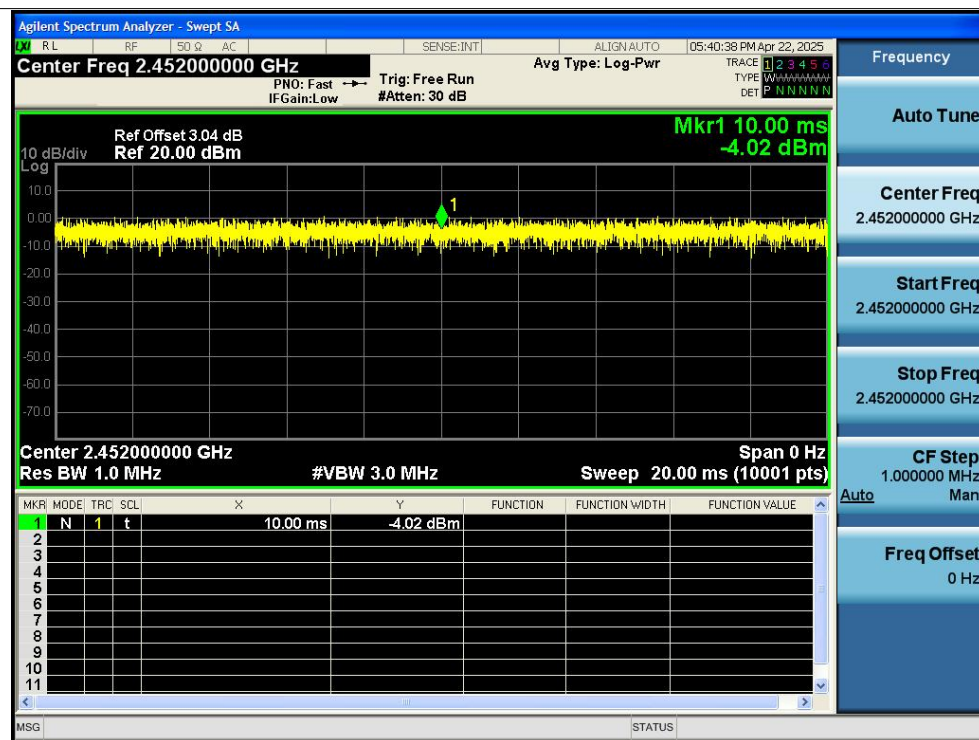
## Duty Cycle NVNT n40 2422MHz Ant1



## Duty Cycle NVNT n40 2437MHz Ant1



## Duty Cycle NVNT n40 2452MHz Ant1



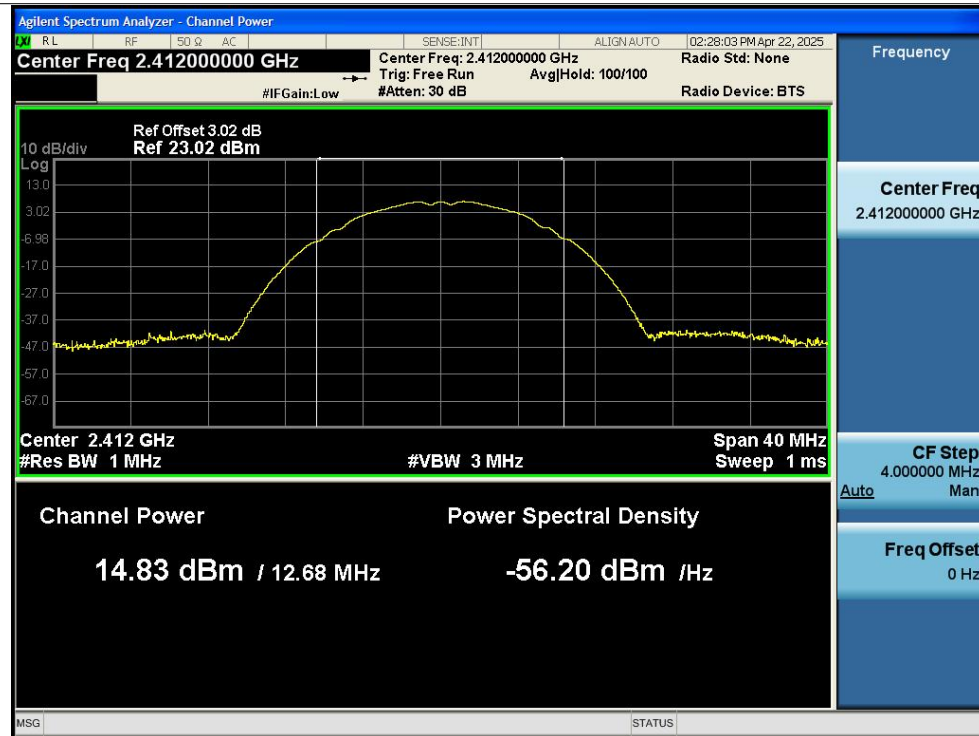
## Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | 14.83                 | 0                | 14.83             | 30          | Pass    |
| NVNT      | b    | 2437            | Ant1    | 14.22                 | 0                | 14.22             | 30          | Pass    |
| NVNT      | b    | 2462            | Ant1    | 14.77                 | 0                | 14.77             | 30          | Pass    |
| NVNT      | g    | 2412            | Ant1    | 14.18                 | 0                | 14.18             | 30          | Pass    |
| NVNT      | g    | 2437            | Ant1    | 13.55                 | 0                | 13.55             | 30          | Pass    |
| NVNT      | g    | 2462            | Ant1    | 13.88                 | 0                | 13.88             | 30          | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 14.29                 | 0                | 14.29             | 30          | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 13.73                 | 0                | 13.73             | 30          | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 14.13                 | 0                | 14.13             | 30          | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 13.25                 | 0                | 13.25             | 30          | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 13.82                 | 0                | 13.82             | 30          | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 12.96                 | 0                | 12.96             | 30          | Pass    |

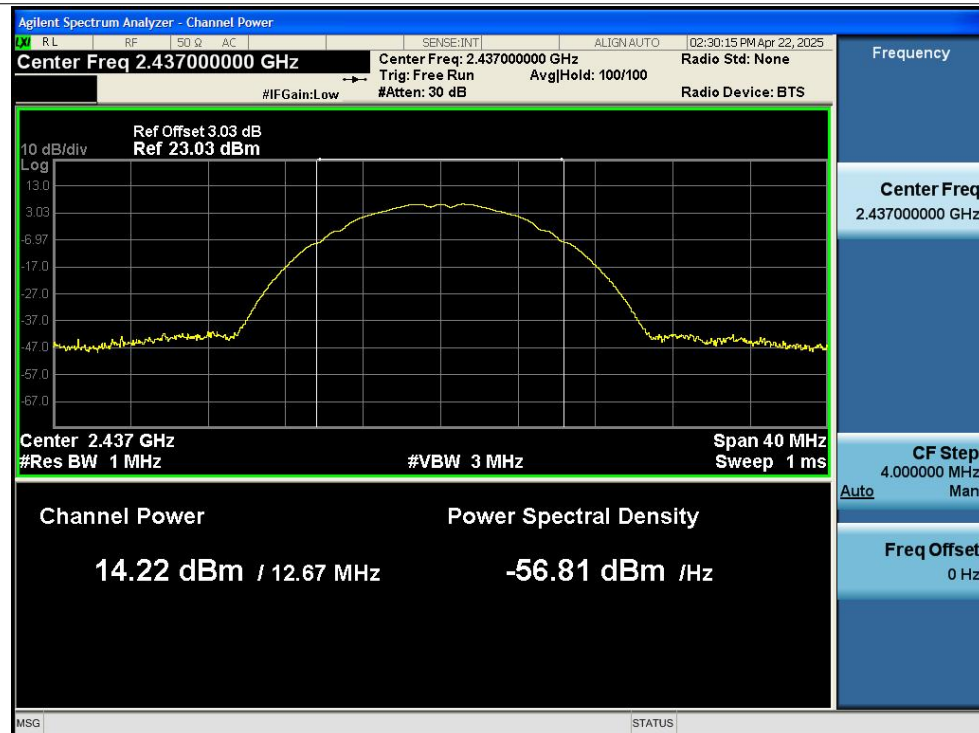


## Test Graphs

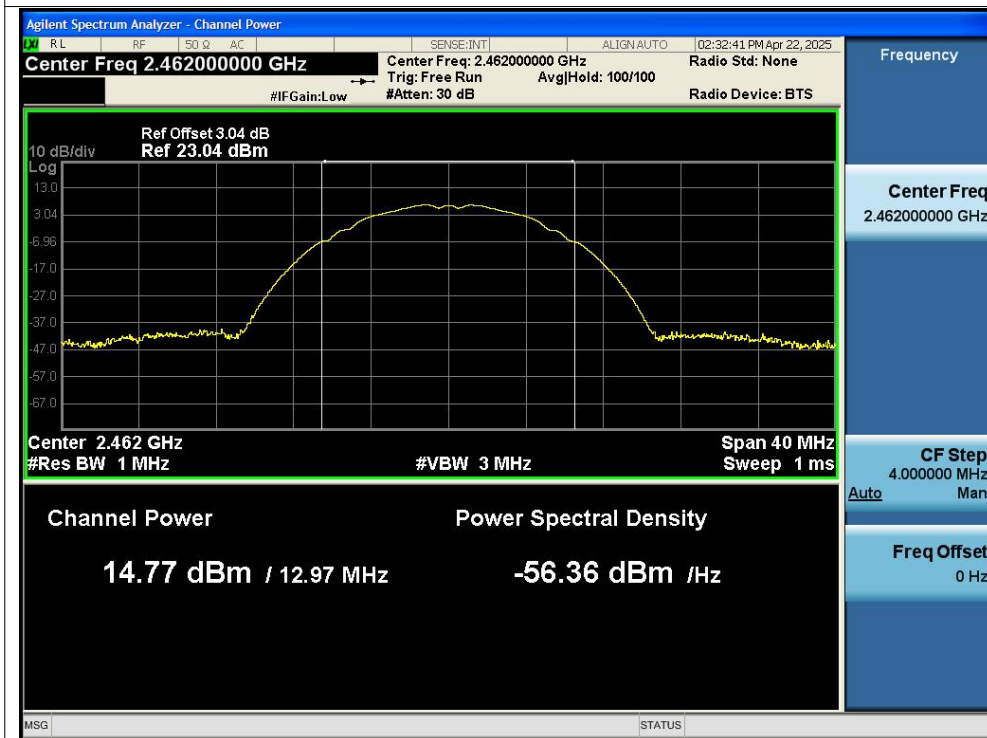
## Power NVNT b 2412MHz Ant1



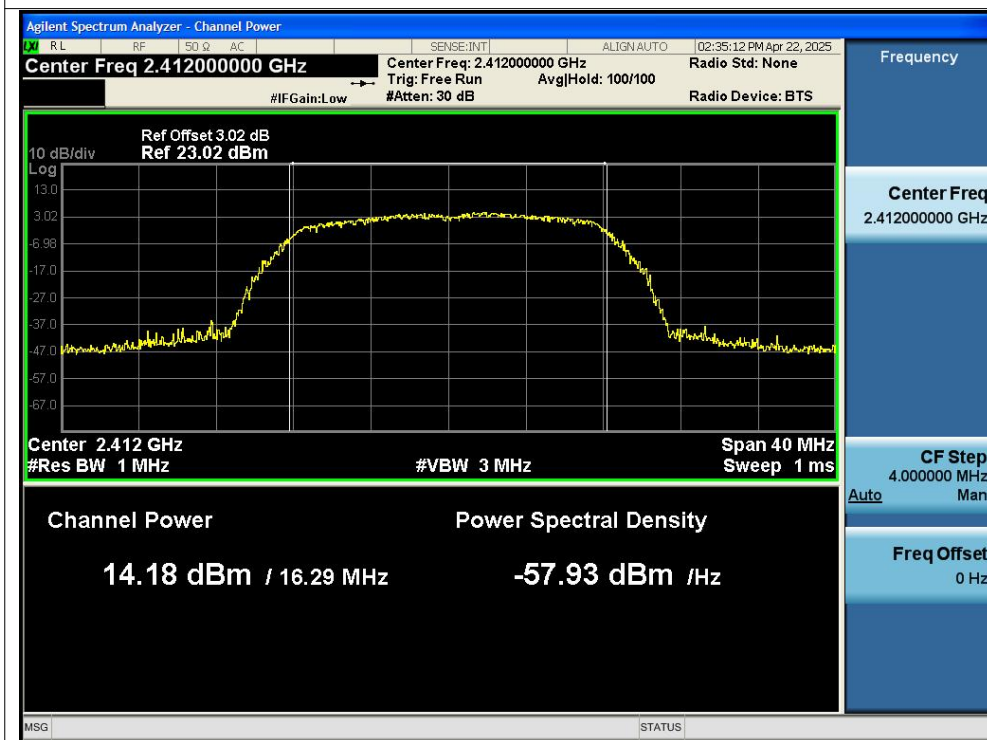
## Power NVNT b 2437MHz Ant1



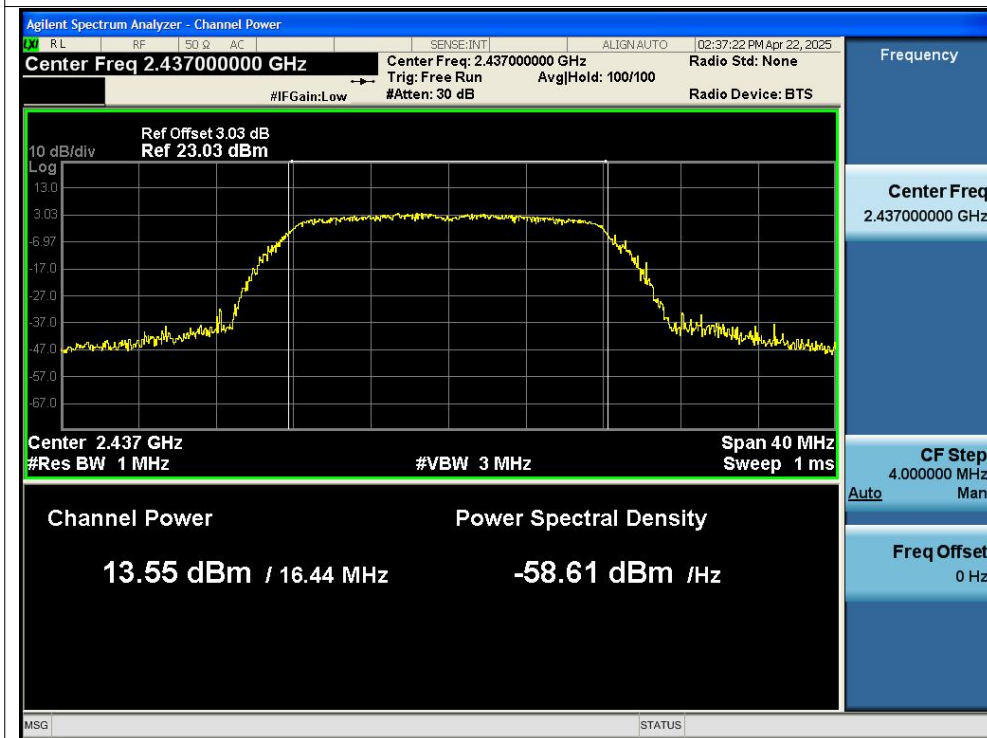
## Power NVNT b 2462MHz Ant1



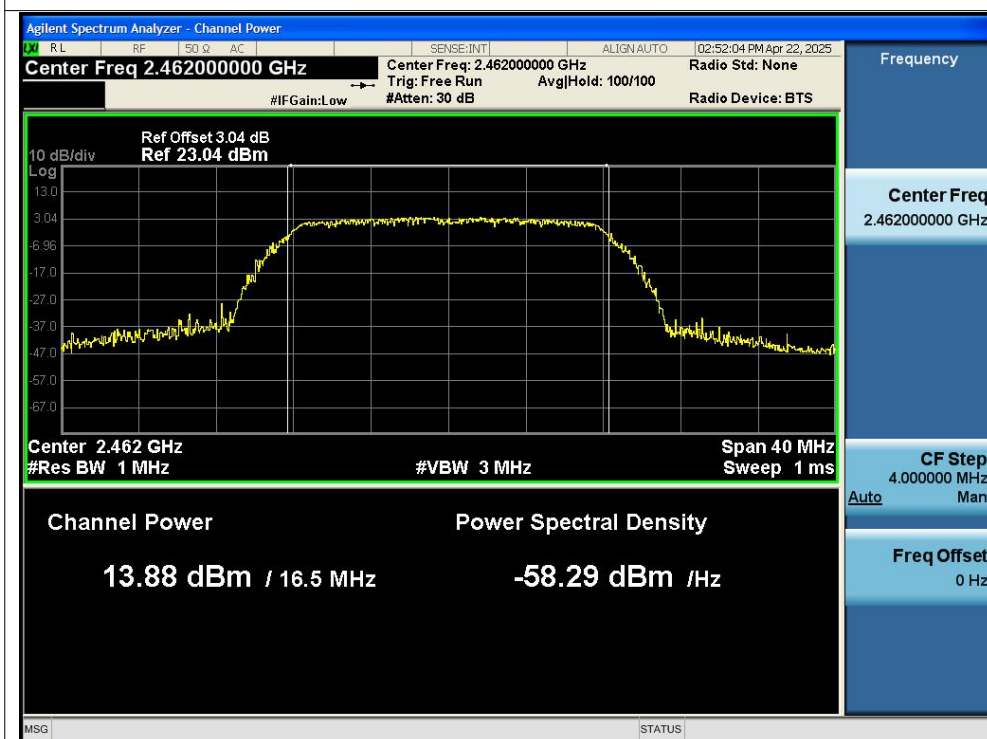
## Power NVNT g 2412MHz Ant1

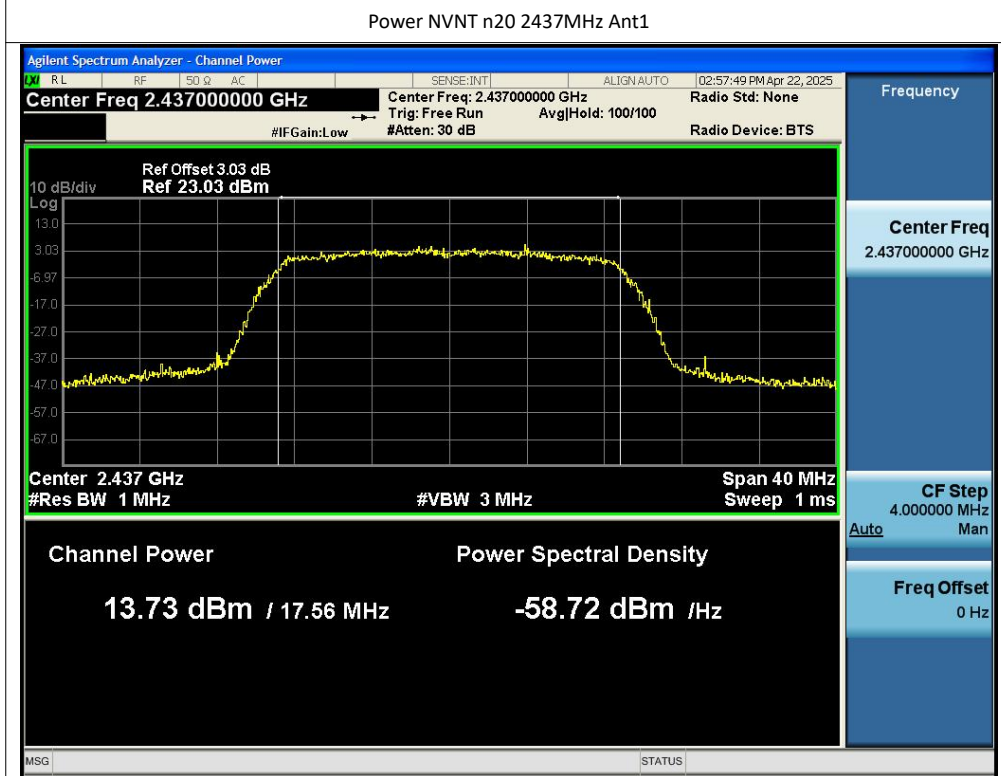
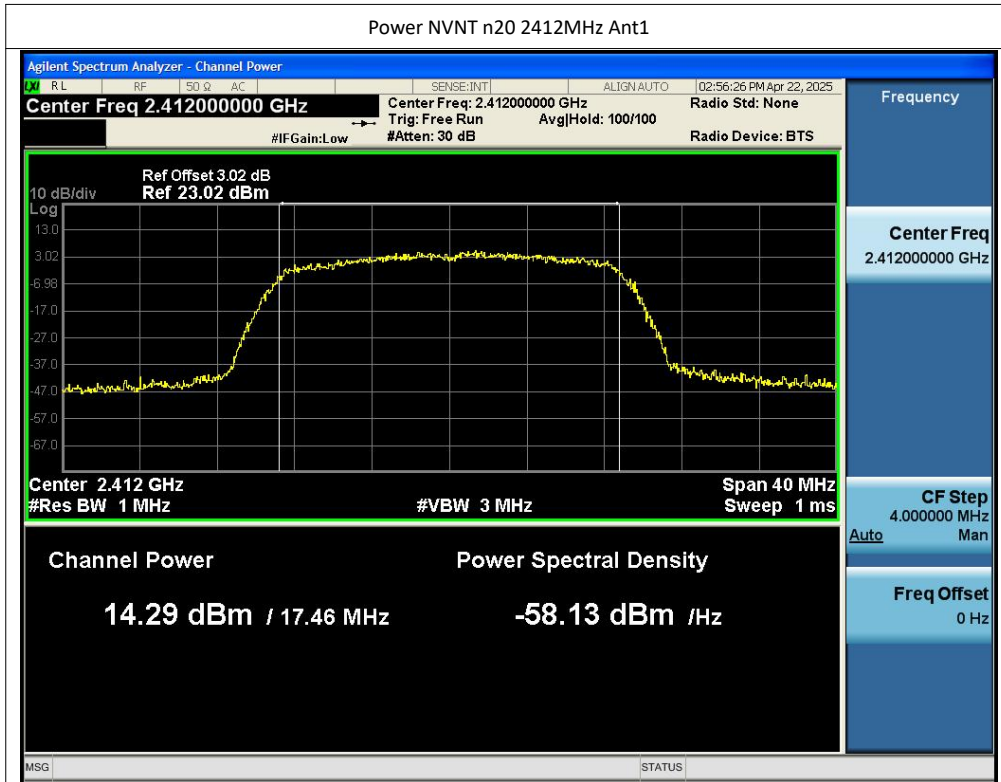


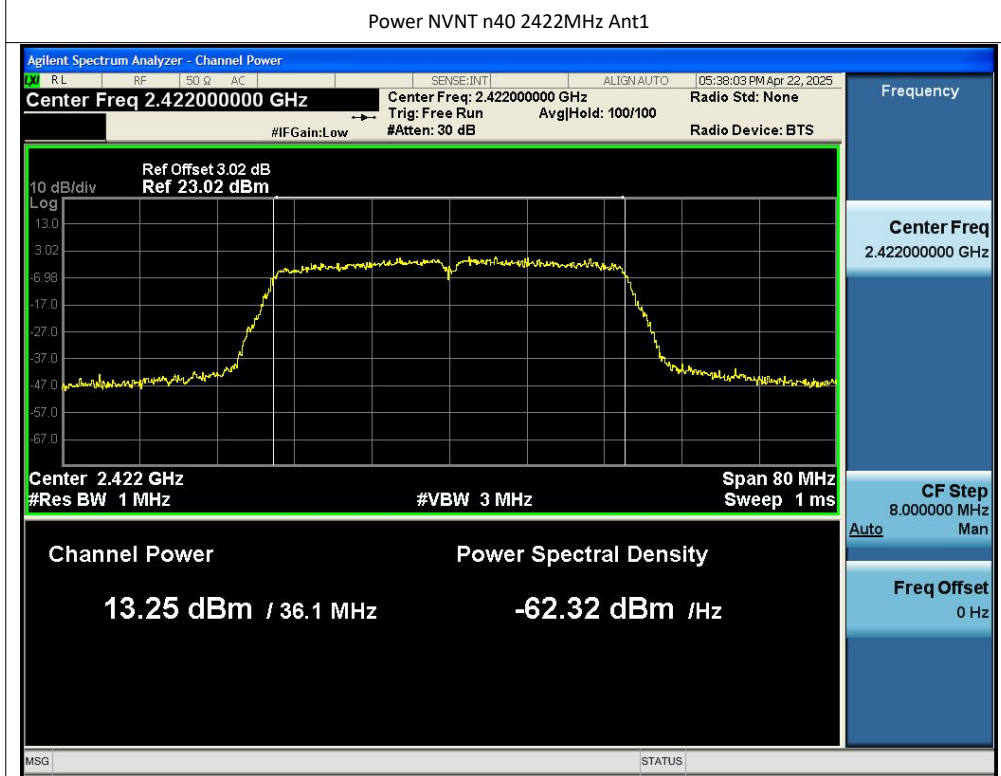
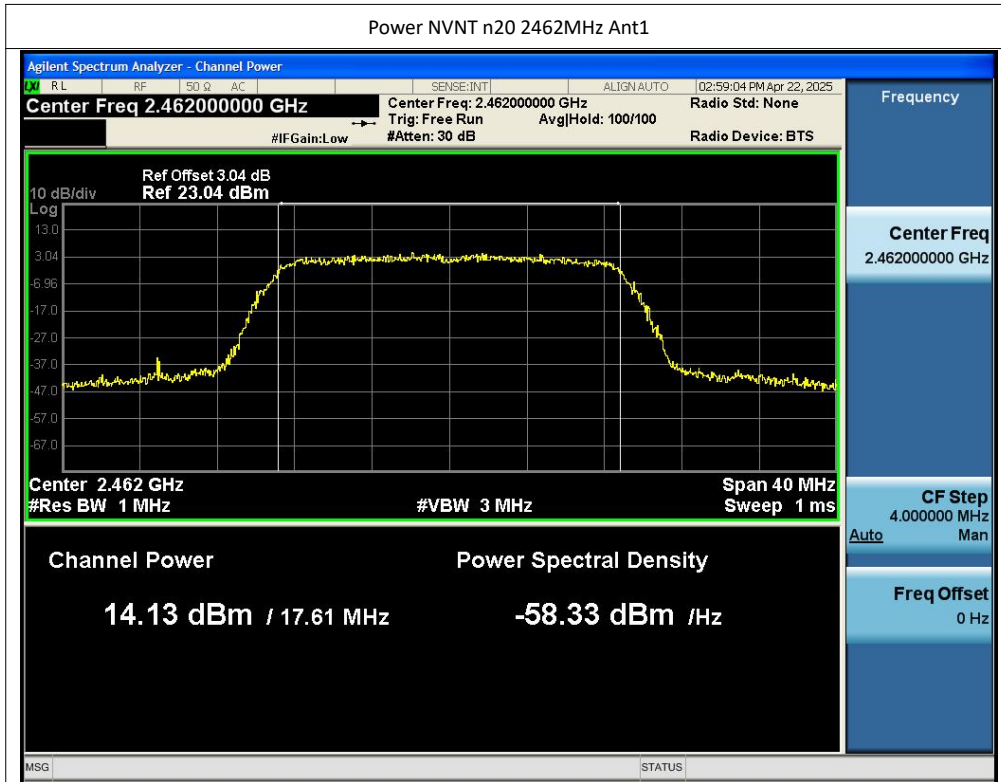
## Power NVNT g 2437MHz Ant1



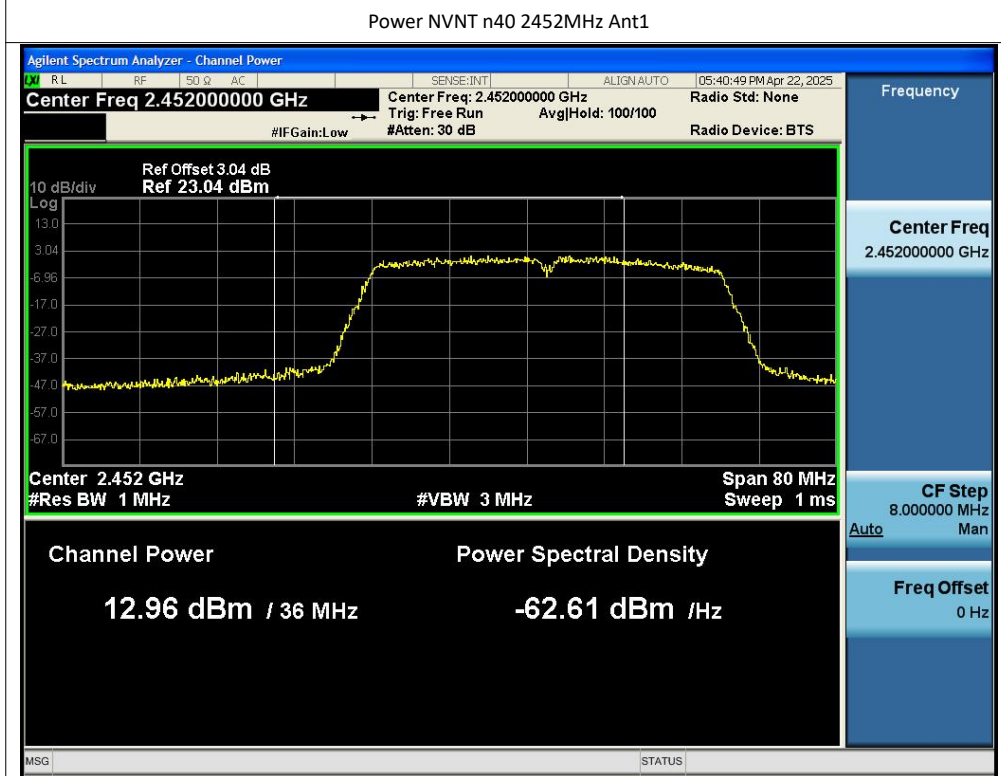
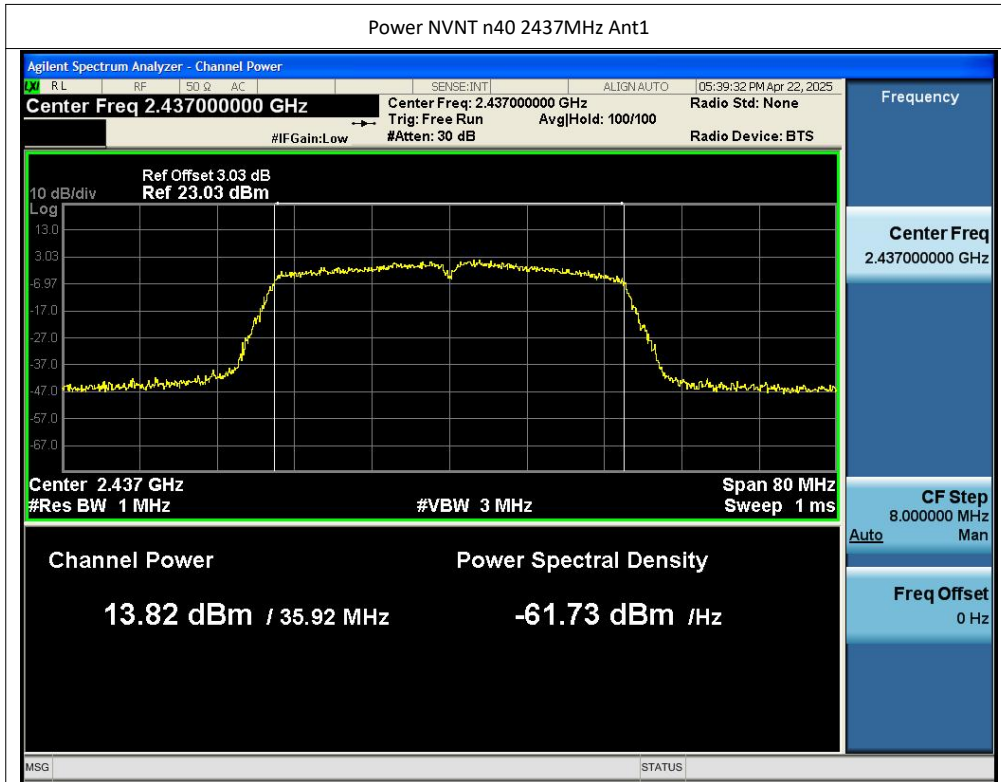
## Power NVNT g 2462MHz Ant1











## -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | b    | 2412            | Ant1    | 8.027                 | 0.5                         | Pass    |
| NVNT      | b    | 2437            | Ant1    | 8.041                 | 0.5                         | Pass    |
| NVNT      | b    | 2462            | Ant1    | 7.515                 | 0.5                         | Pass    |
| NVNT      | g    | 2412            | Ant1    | 12.027                | 0.5                         | Pass    |
| NVNT      | g    | 2437            | Ant1    | 15.267                | 0.5                         | Pass    |
| NVNT      | g    | 2462            | Ant1    | 16.077                | 0.5                         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 15.072                | 0.5                         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 15.661                | 0.5                         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 16.686                | 0.5                         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 36.071                | 0.5                         | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 33.072                | 0.5                         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 36.045                | 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

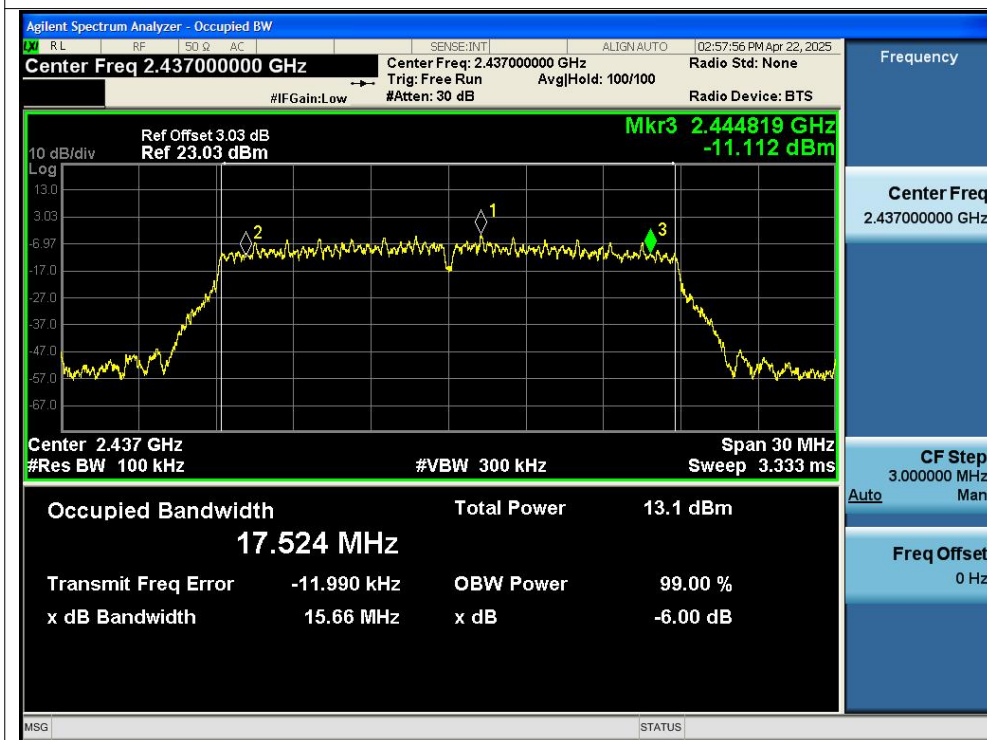




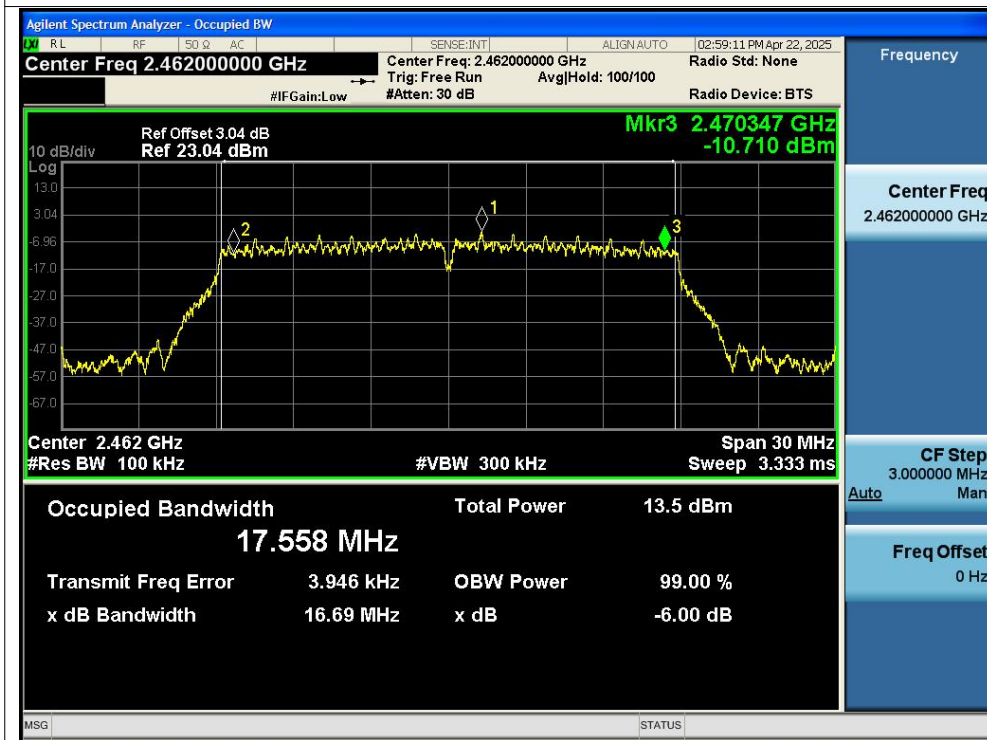
## -6dB Bandwidth NVNT n20 2412MHz Ant1



## -6dB Bandwidth NVNT n20 2437MHz Ant1



## -6dB Bandwidth NVNT n20 2462MHz Ant1



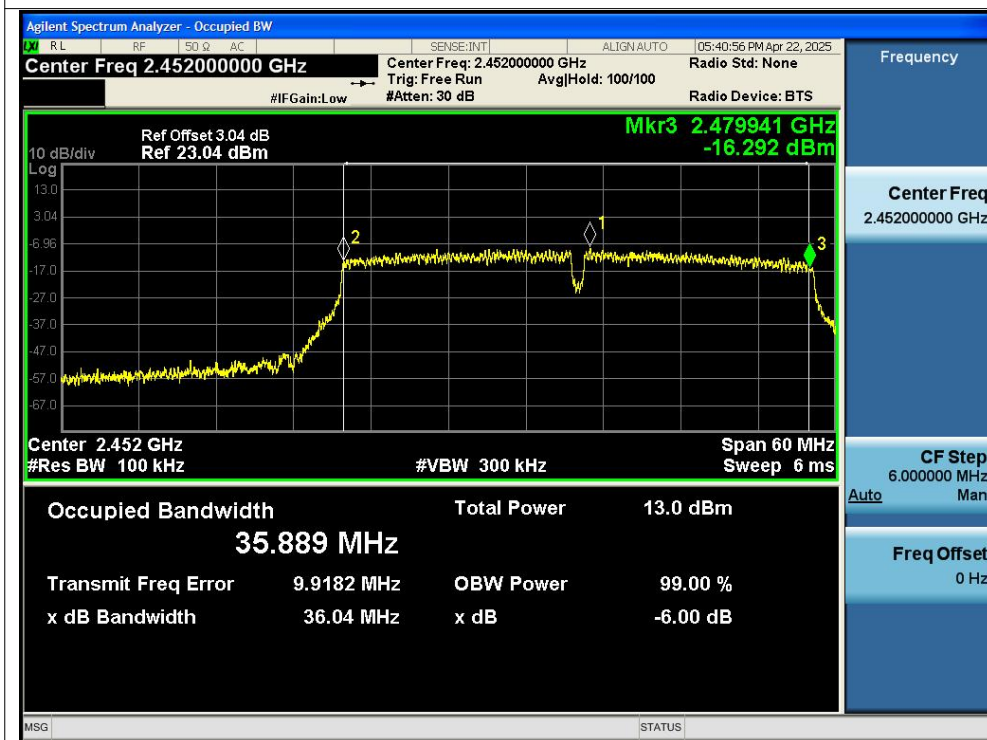
## -6dB Bandwidth NVNT n40 2422MHz Ant1



## -6dB Bandwidth NVNT n40 2437MHz Ant1



## -6dB Bandwidth NVNT n40 2452MHz Ant1



## Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | b    | 2412            | Ant1    | 12.679        |
| NVNT      | b    | 2437            | Ant1    | 12.673        |
| NVNT      | b    | 2462            | Ant1    | 12.967        |
| NVNT      | g    | 2412            | Ant1    | 16.285        |
| NVNT      | g    | 2437            | Ant1    | 16.443        |
| NVNT      | g    | 2462            | Ant1    | 16.498        |
| NVNT      | n20  | 2412            | Ant1    | 17.458        |
| NVNT      | n20  | 2437            | Ant1    | 17.563        |
| NVNT      | n20  | 2462            | Ant1    | 17.61         |
| NVNT      | n40  | 2422            | Ant1    | 36.104        |
| NVNT      | n40  | 2437            | Ant1    | 35.924        |
| NVNT      | n40  | 2452            | Ant1    | 35.999        |