



Appendix B

RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: HOME THEATER PROJECTOR

Test Model: K3

Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 23.8° C   |
| Relative Humidity: | 52.1%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Taylor Hu |
| Supervised by:     | Ling Zhu  |





## B.1 -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | b    | 2412            | Ant0    | 7.534                 | $\geq 0.5$                  | Pass    |
| NVNT      | b    | 2437            | Ant0    | 9.043                 | $\geq 0.5$                  | Pass    |
| NVNT      | b    | 2462            | Ant0    | 7.983                 | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2412            | Ant0    | 14.125                | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2437            | Ant0    | 15.937                | $\geq 0.5$                  | Pass    |
| NVNT      | g    | 2462            | Ant0    | 14.565                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2412            | Ant0    | 17.59                 | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2437            | Ant0    | 14.806                | $\geq 0.5$                  | Pass    |
| NVNT      | n20  | 2462            | Ant0    | 15.89                 | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2422            | Ant0    | 25.166                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2437            | Ant0    | 28.436                | $\geq 0.5$                  | Pass    |
| NVNT      | n40  | 2452            | Ant0    | 31.722                | $\geq 0.5$                  | Pass    |

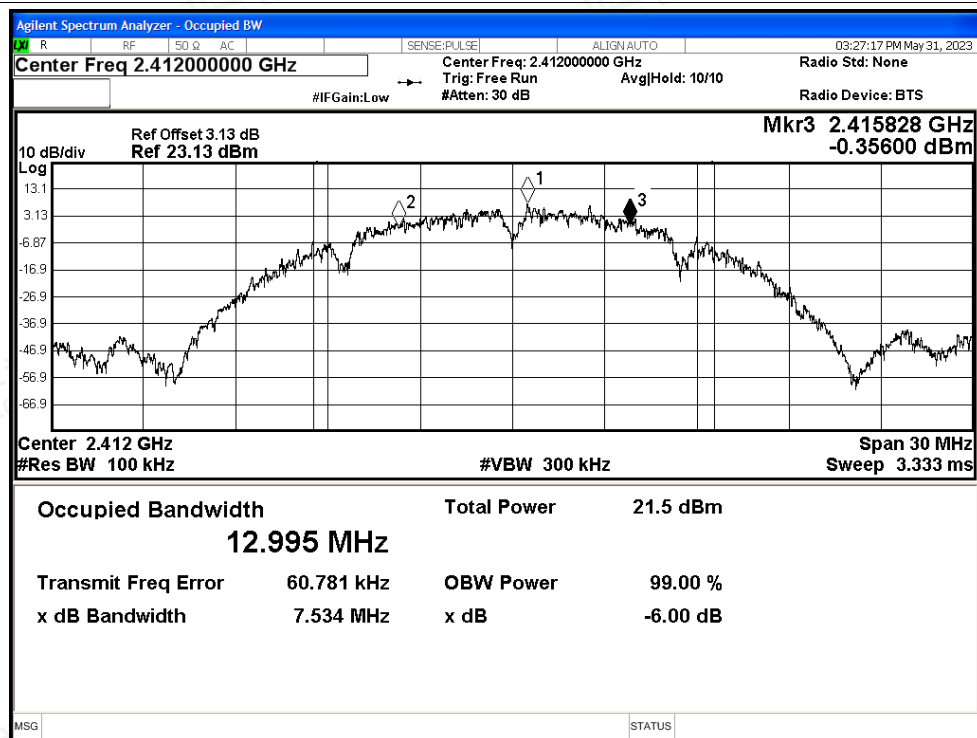


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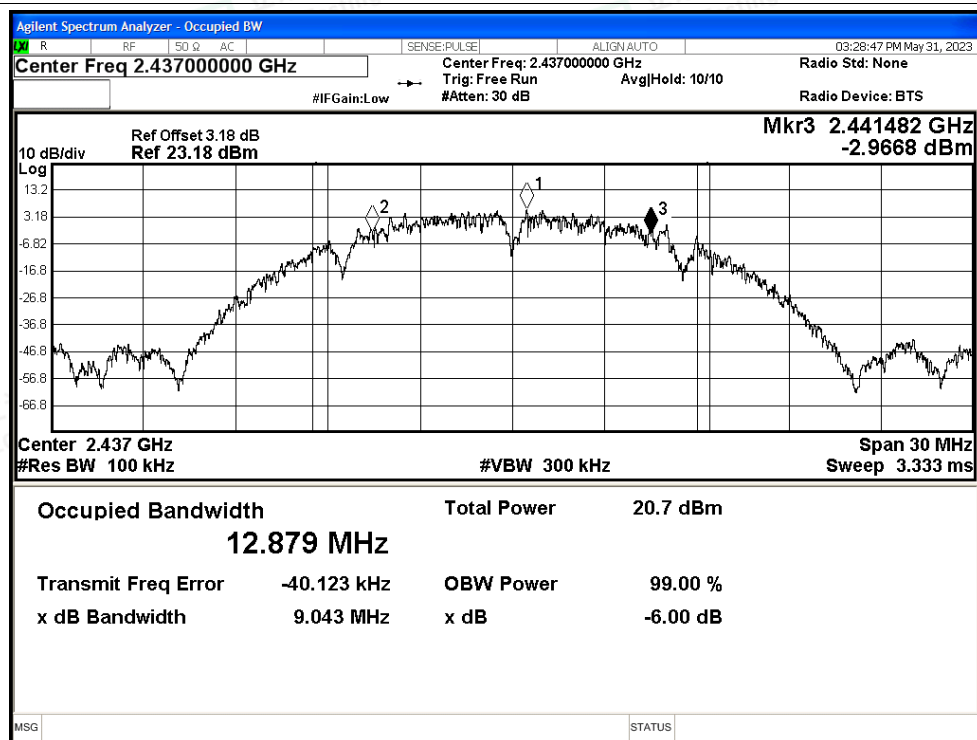


## Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant0



-6dB Bandwidth NVNT b 2437MHz Ant0

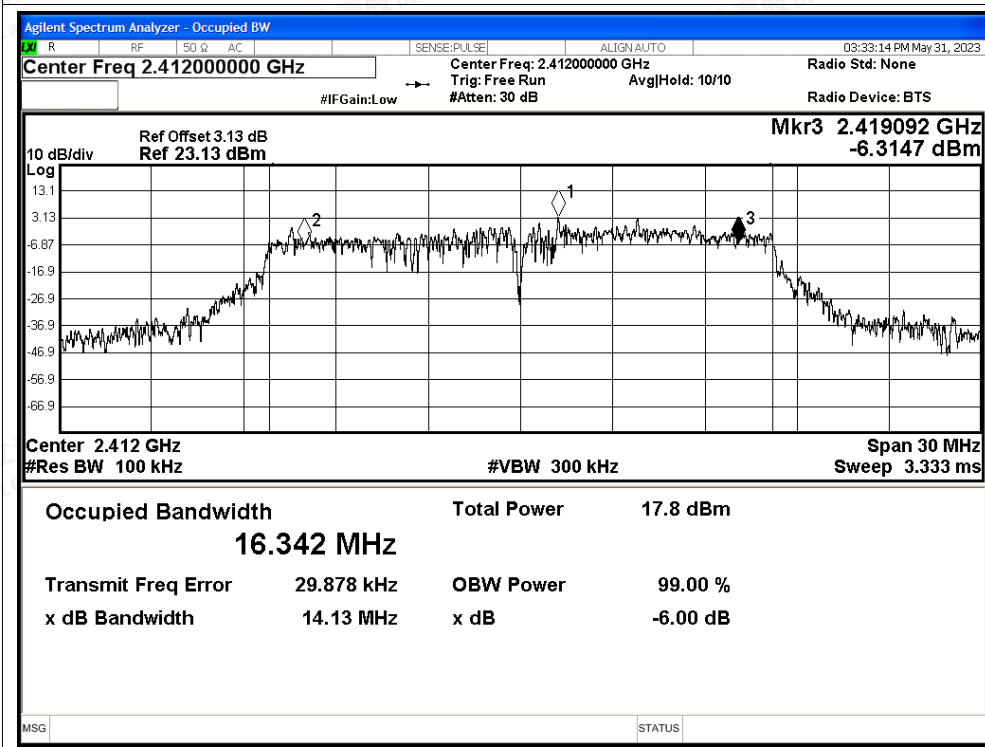




-6dB Bandwidth NVNT b 2462MHz Ant0

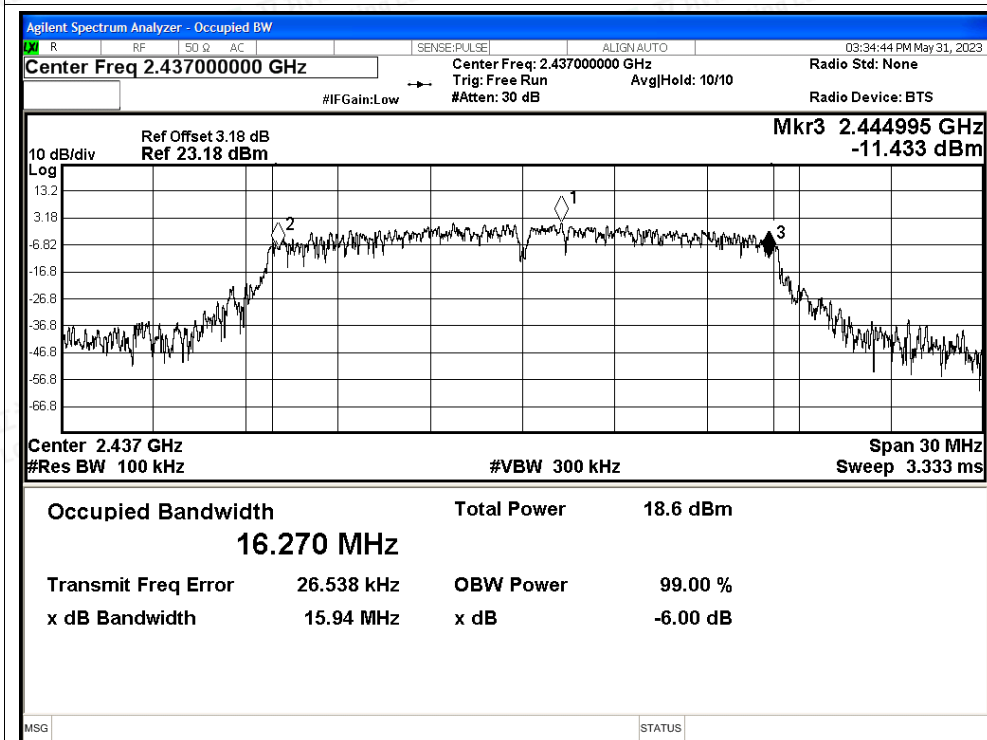


-6dB Bandwidth NVNT g 2412MHz Ant0

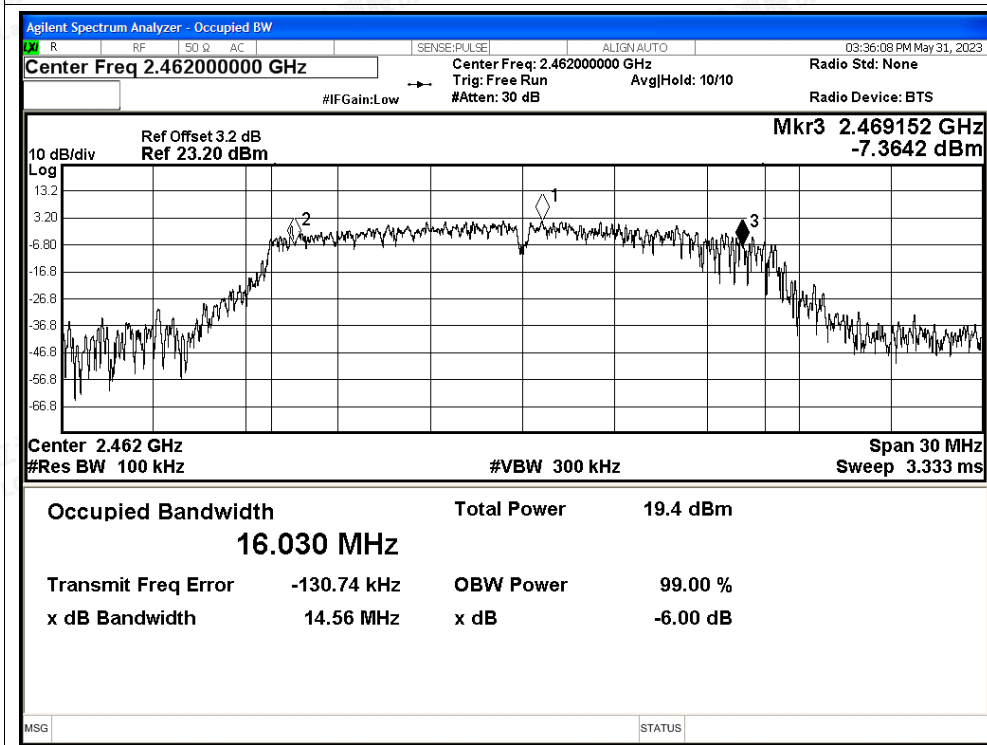




-6dB Bandwidth NVNT g 2437MHz Ant0

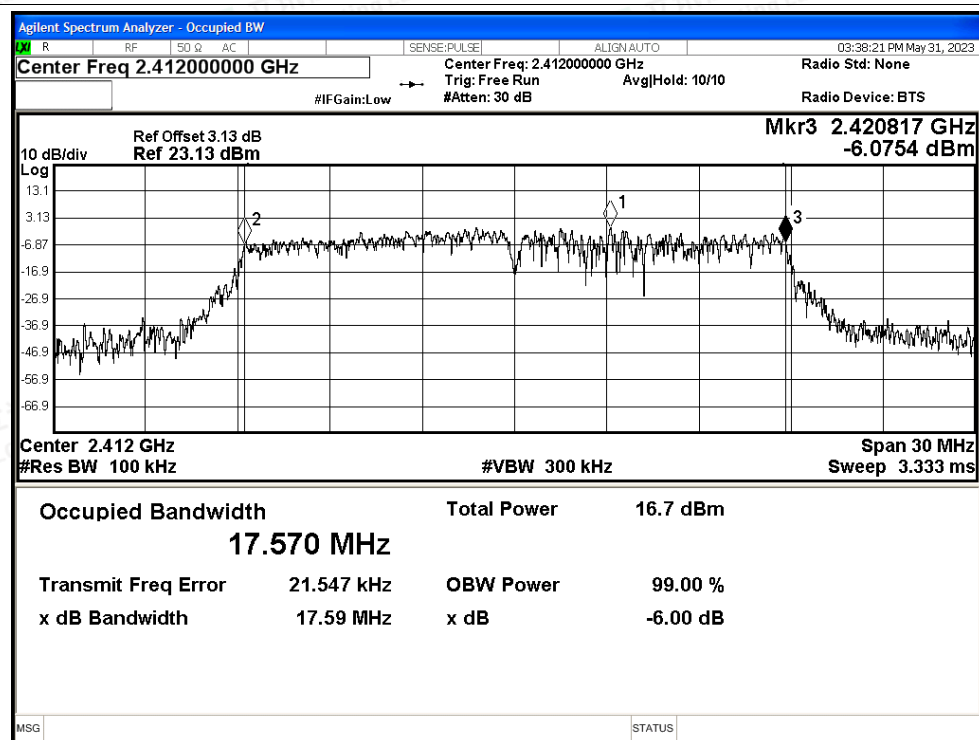


-6dB Bandwidth NVNT g 2462MHz Ant0

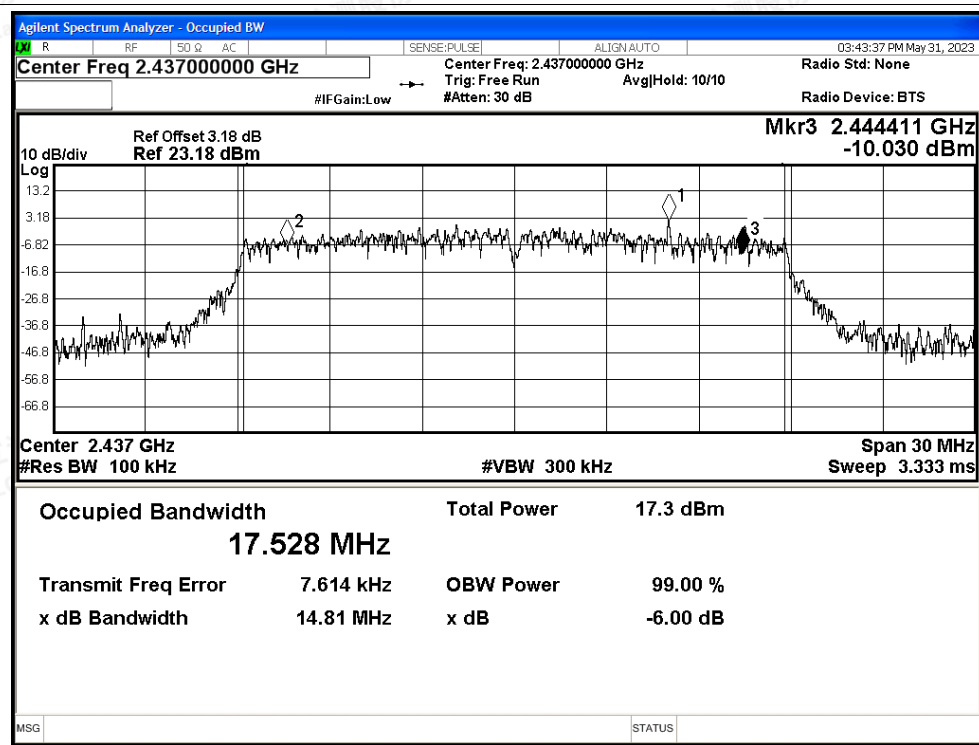




-6dB Bandwidth NVNT n20 2412MHz Ant0

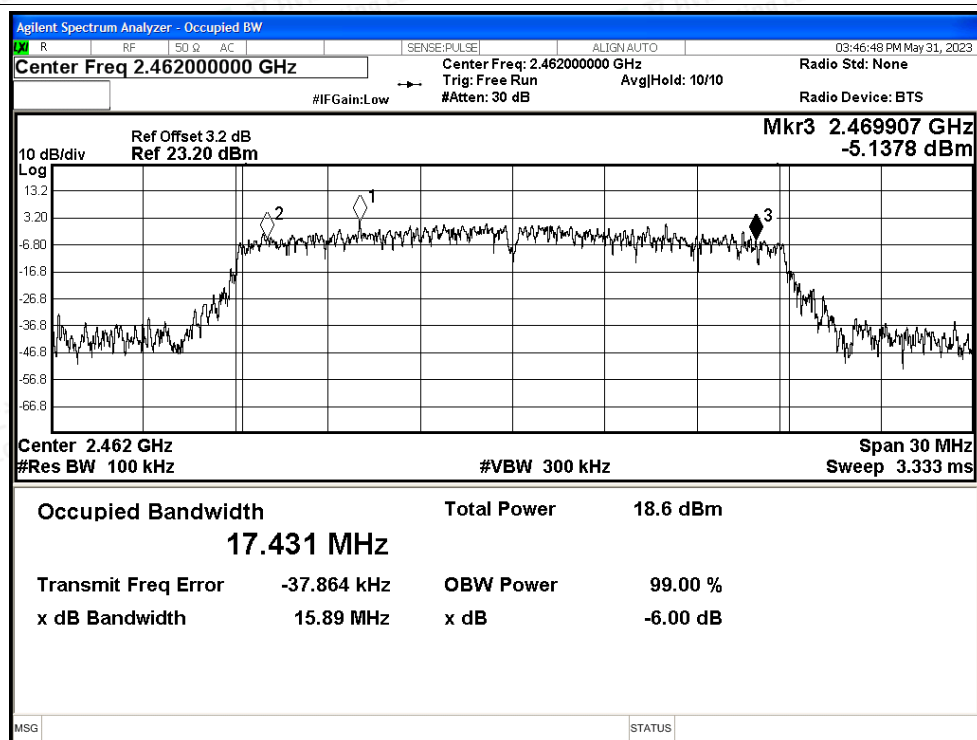


-6dB Bandwidth NVNT n20 2437MHz Ant0

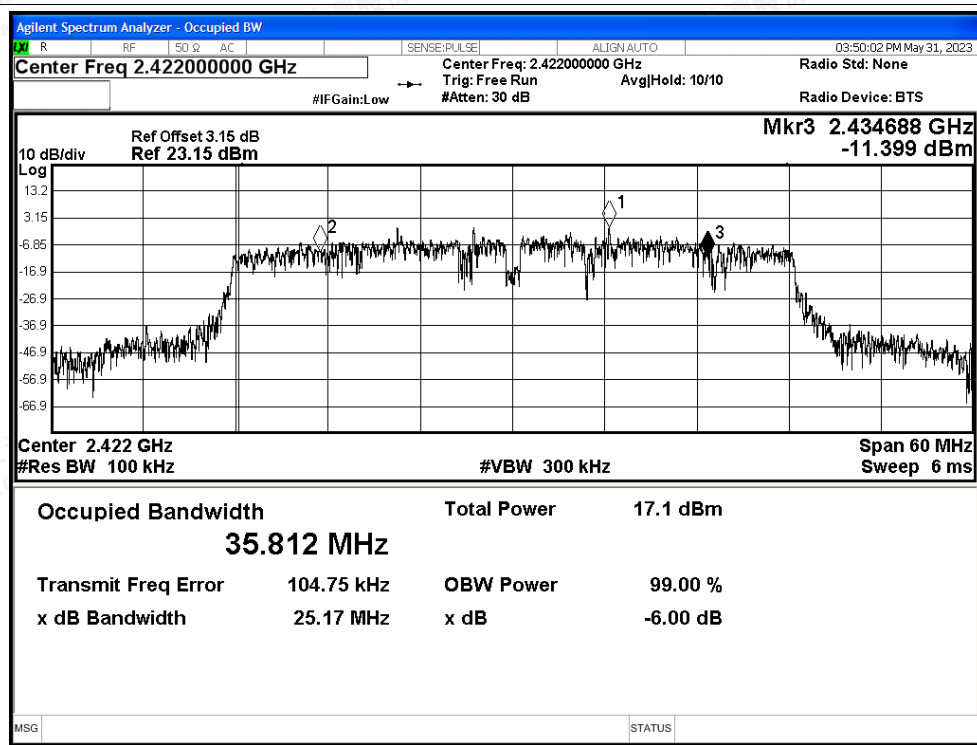




-6dB Bandwidth NVNT n20 2462MHz Ant0

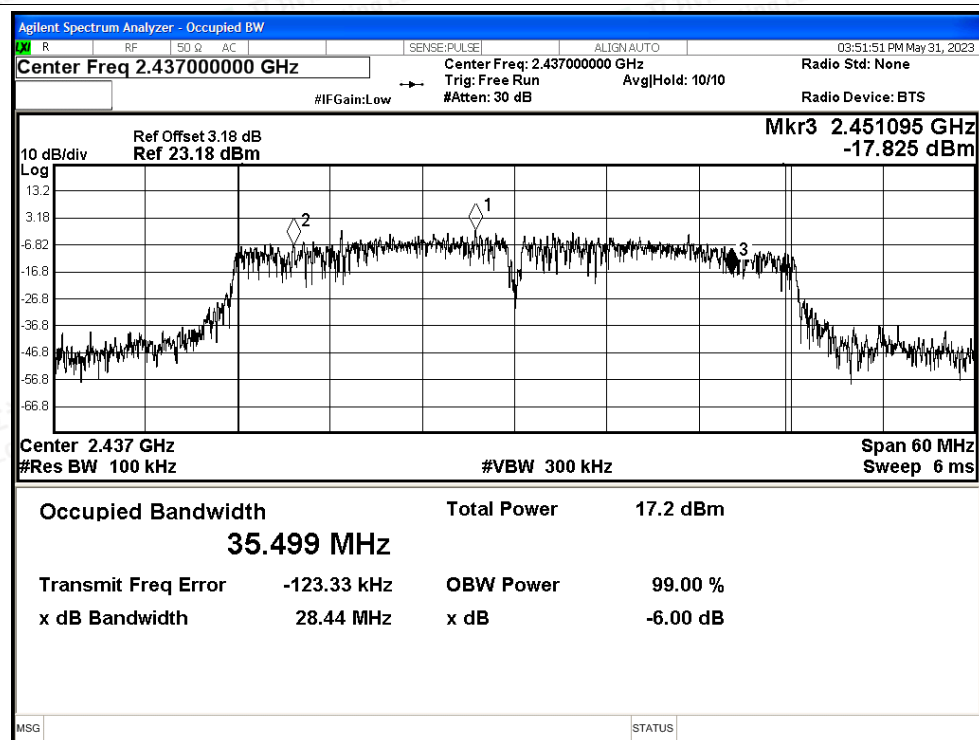


-6dB Bandwidth NVNT n40 2422MHz Ant0

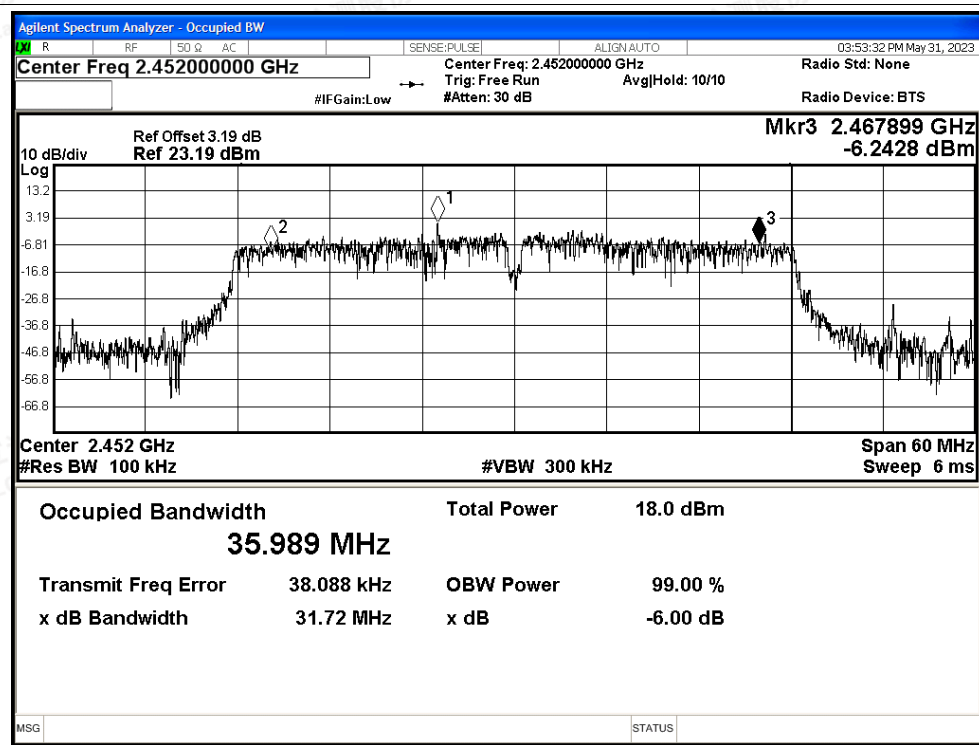




-6dB Bandwidth NVNT n40 2437MHz Ant0



-6dB Bandwidth NVNT n40 2452MHz Ant0





## B.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | b    | 2412            | Ant0    | 13.77                 | 30          | Pass    |
| NVNT      | b    | 2437            | Ant0    | 13.66                 | 30          | Pass    |
| NVNT      | b    | 2462            | Ant0    | 13.45                 | 30          | Pass    |
| NVNT      | g    | 2412            | Ant0    | 13.22                 | 30          | Pass    |
| NVNT      | g    | 2437            | Ant0    | 13.14                 | 30          | Pass    |
| NVNT      | g    | 2462            | Ant0    | 13.91                 | 30          | Pass    |
| NVNT      | n20  | 2412            | Ant0    | 13.26                 | 30          | Pass    |
| NVNT      | n20  | 2437            | Ant0    | 13.48                 | 30          | Pass    |
| NVNT      | n20  | 2462            | Ant0    | 13.22                 | 30          | Pass    |
| NVNT      | n40  | 2422            | Ant0    | 13.73                 | 30          | Pass    |
| NVNT      | n40  | 2437            | Ant0    | 13.64                 | 30          | Pass    |
| NVNT      | n40  | 2452            | Ant0    | 13.46                 | 30          | Pass    |

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | 13.76                 | 30          | Pass    |
| NVNT      | b    | 2437            | Ant1    | 13.70                 | 30          | Pass    |
| NVNT      | b    | 2462            | Ant1    | 13.43                 | 30          | Pass    |
| NVNT      | g    | 2412            | Ant1    | 13.55                 | 30          | Pass    |
| NVNT      | g    | 2437            | Ant1    | 13.27                 | 30          | Pass    |
| NVNT      | g    | 2462            | Ant1    | 13.46                 | 30          | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 13.16                 | 30          | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 13.25                 | 30          | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 13.62                 | 30          | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 13.24                 | 30          | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 13.89                 | 30          | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 13.22                 | 30          | Pass    |

MIMO

| Condition | Mode | Frequency (MHz) | Conducted Power (dBm) |       |           | Limit (dBm) | Verdict |
|-----------|------|-----------------|-----------------------|-------|-----------|-------------|---------|
|           |      |                 | Ant0                  | Ant1  | Ant0+Ant1 |             |         |
| NVNT      | n20  | 2412            | 13.26                 | 13.16 | 16.22     | 30          | Pass    |
| NVNT      | n20  | 2437            | 13.48                 | 13.25 | 16.38     | 30          | Pass    |
| NVNT      | n20  | 2462            | 13.22                 | 13.62 | 16.43     | 30          | Pass    |
| NVNT      | n40  | 2422            | 13.73                 | 13.24 | 16.50     | 30          | Pass    |
| NVNT      | n40  | 2437            | 13.64                 | 13.89 | 16.78     | 30          | Pass    |
| NVNT      | n40  | 2452            | 13.46                 | 13.22 | 16.35     | 30          | Pass    |



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### B.3 Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|------|-----------------|---------|--------------------------|------------------|---------|
| NVNT      | b    | 2412            | Ant0    | -5.48                    | 8                | Pass    |
| NVNT      | b    | 2437            | Ant0    | -6.56                    | 8                | Pass    |
| NVNT      | b    | 2462            | Ant0    | -5.36                    | 8                | Pass    |
| NVNT      | g    | 2412            | Ant0    | -10.96                   | 8                | Pass    |
| NVNT      | g    | 2437            | Ant0    | -9.07                    | 8                | Pass    |
| NVNT      | g    | 2462            | Ant0    | -7.64                    | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant0    | -11.54                   | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant0    | -10.93                   | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant0    | -10.43                   | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant0    | -14.38                   | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant0    | -13.81                   | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant0    | -13.86                   | 8                | Pass    |

| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|------|-----------------|---------|--------------------------|------------------|---------|
| NVNT      | b    | 2412            | Ant1    | -6.01                    | 8                | Pass    |
| NVNT      | b    | 2437            | Ant1    | -6.37                    | 8                | Pass    |
| NVNT      | b    | 2462            | Ant1    | -5.86                    | 8                | Pass    |
| NVNT      | g    | 2412            | Ant1    | -10.66                   | 8                | Pass    |
| NVNT      | g    | 2437            | Ant1    | -10.82                   | 8                | Pass    |
| NVNT      | g    | 2462            | Ant1    | -8.84                    | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -11.37                   | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -11.04                   | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -10.67                   | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -14.25                   | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -12                      | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -12.99                   | 8                | Pass    |

#### MIMO

| Condition | Mode | Frequency (MHz) | Conducted PSD (dBm/3kHz) |        |           | Limit (dBm) | Verdict |
|-----------|------|-----------------|--------------------------|--------|-----------|-------------|---------|
|           |      |                 | Ant0                     | Ant1   | Ant0+Ant1 |             |         |
| NVNT      | n20  | 2412            | -11.54                   | -11.37 | -8.44     | 8           | Pass    |
| NVNT      | n20  | 2437            | -10.93                   | -11.04 | -7.97     | 8           | Pass    |
| NVNT      | n20  | 2462            | -10.43                   | -10.67 | -7.54     | 8           | Pass    |
| NVNT      | n40  | 2422            | -14.38                   | -14.25 | -11.30    | 8           | Pass    |
| NVNT      | n40  | 2437            | -13.81                   | -12    | -9.80     | 8           | Pass    |
| NVNT      | n40  | 2452            | -13.86                   | -12.99 | -10.39    | 8           | Pass    |

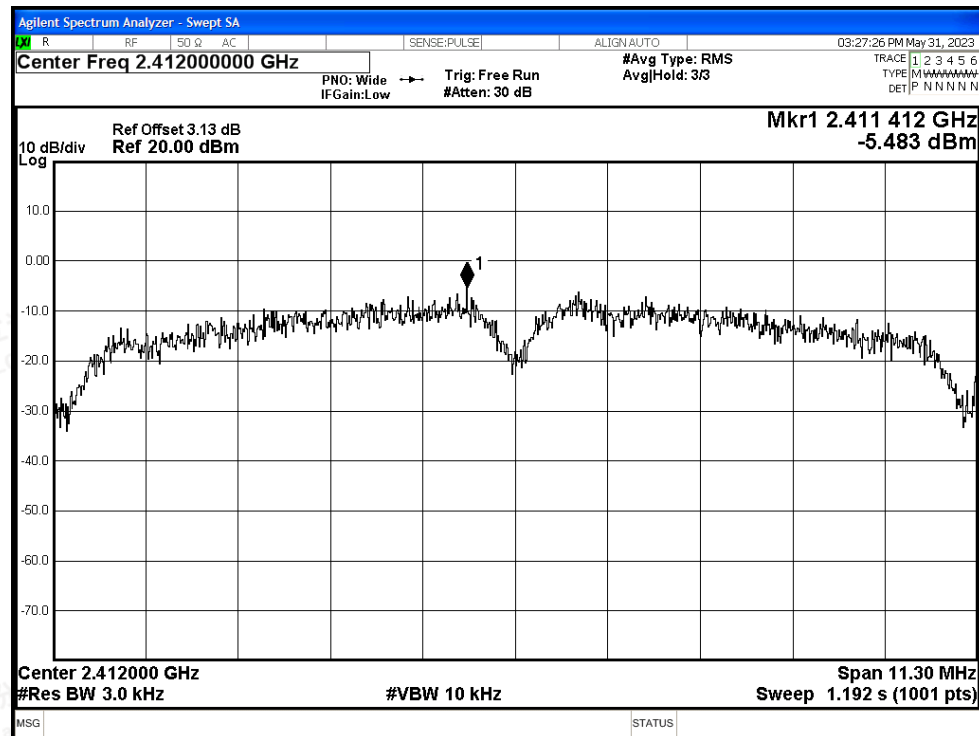


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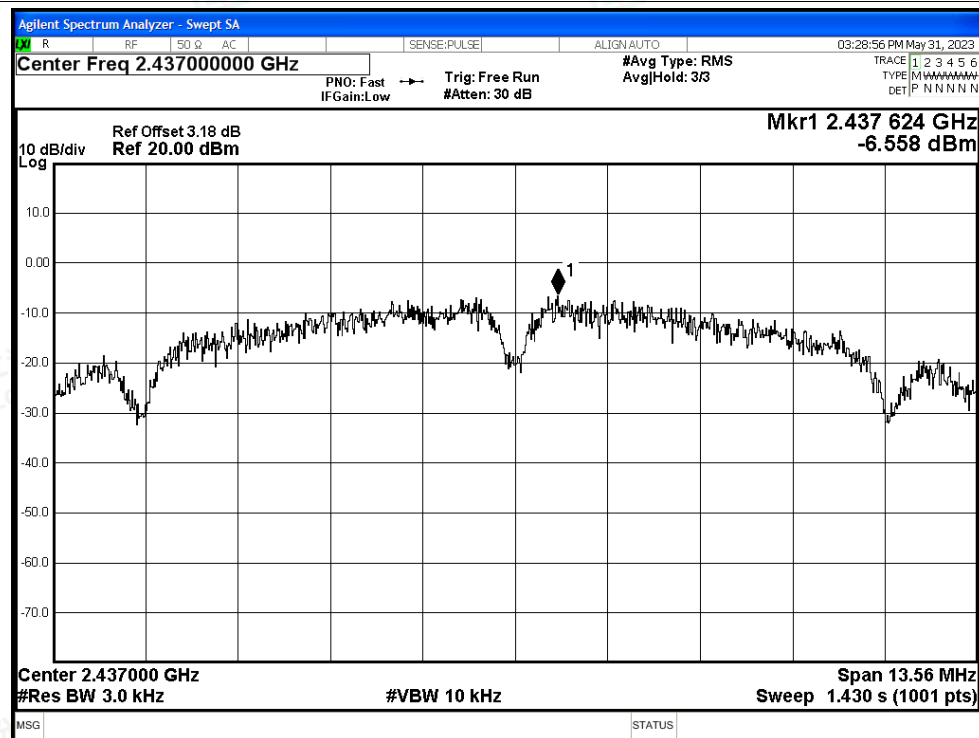


## Test Graphs

## PSD NVNT b 2412MHz Ant0

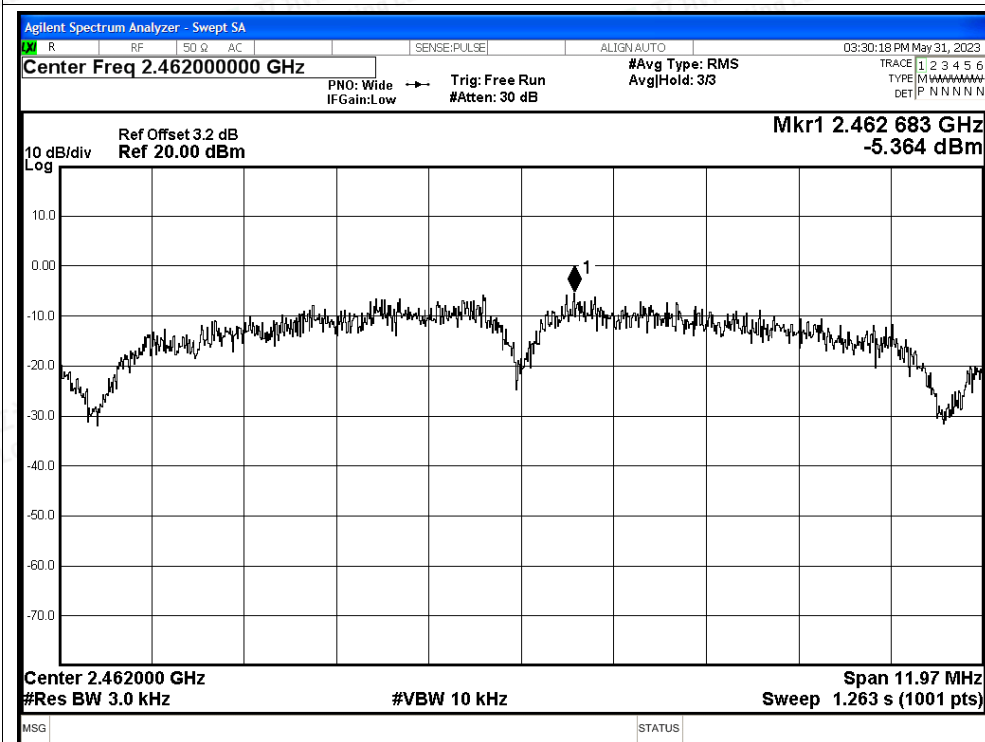


## PSD NVNT b 2437MHz Ant0

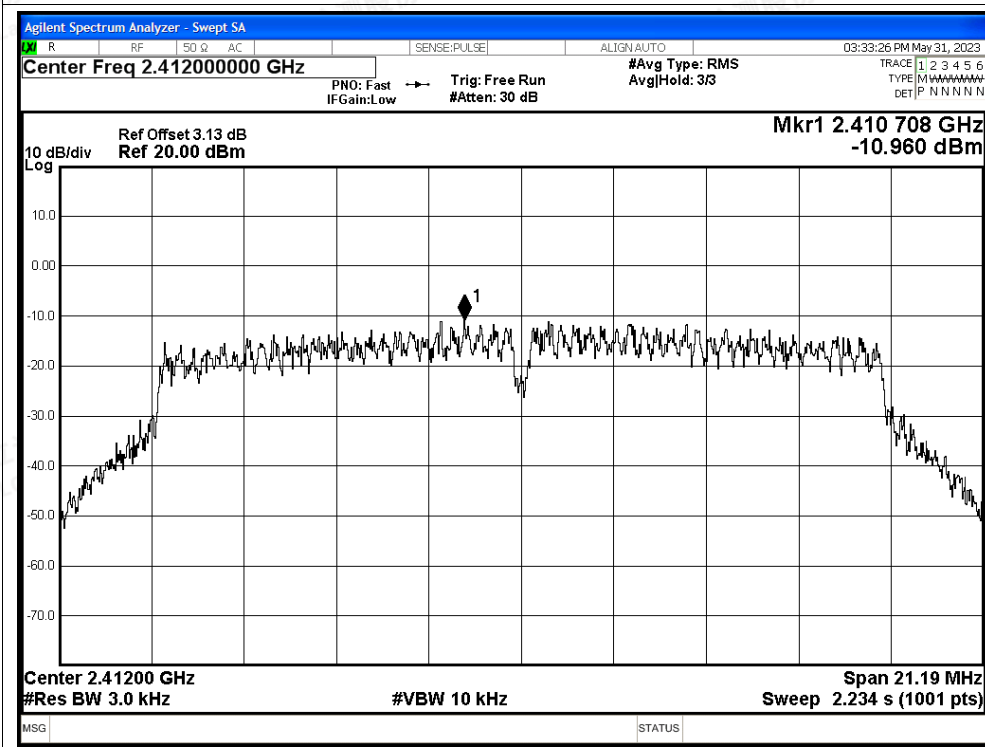




## PSD NVNT b 2462MHz Ant0

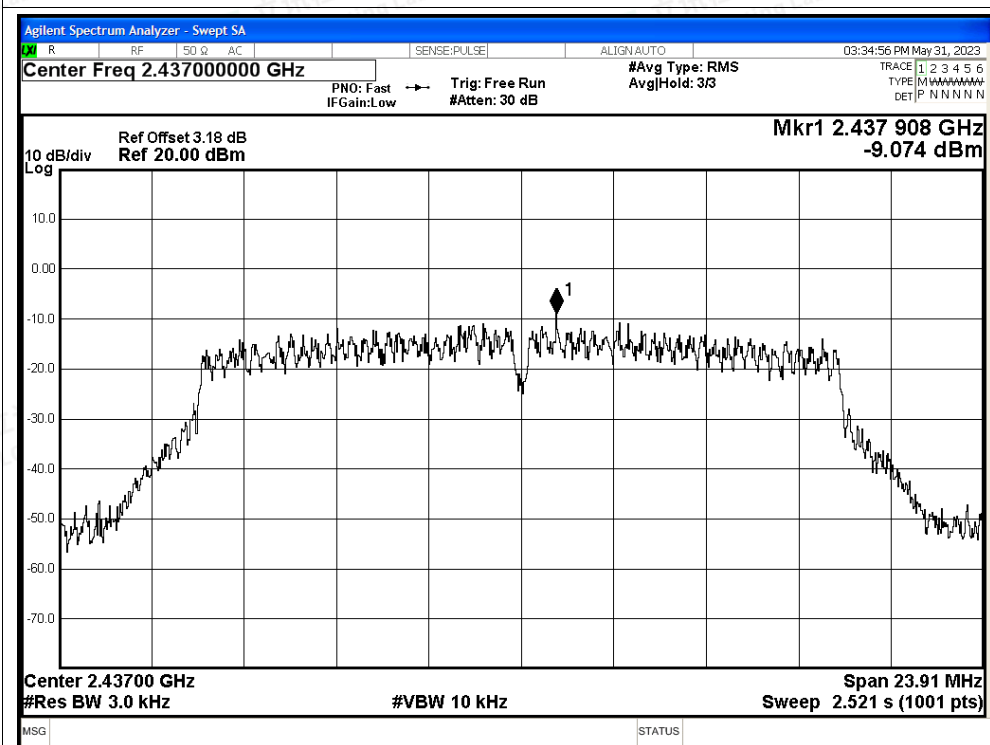


## PSD NVNT g 2412MHz Ant0

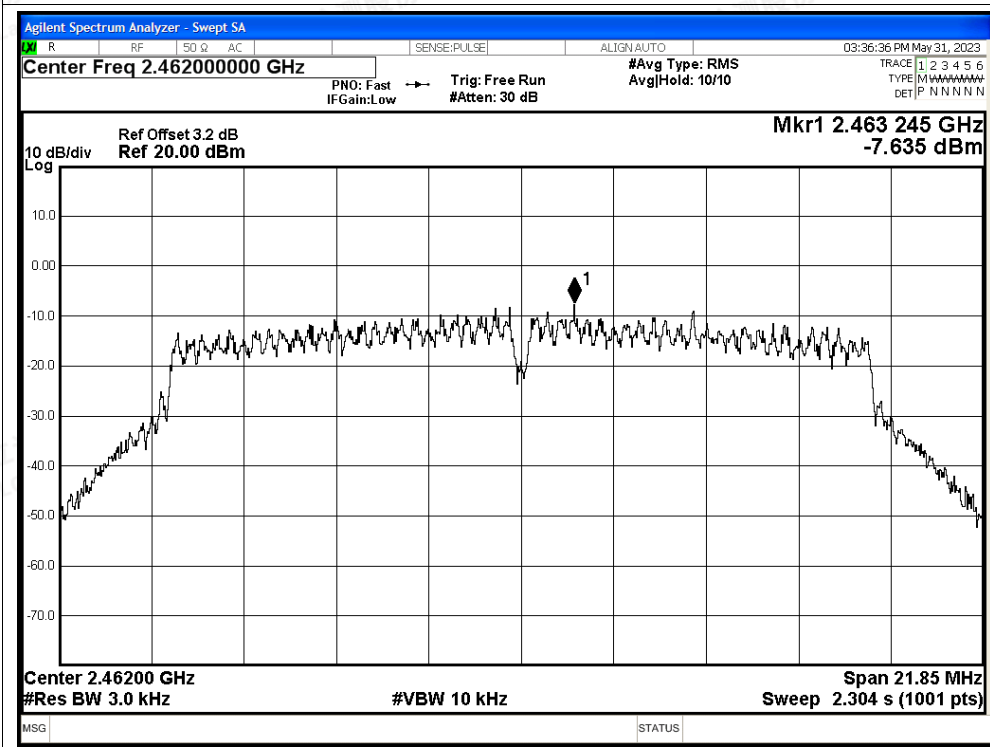


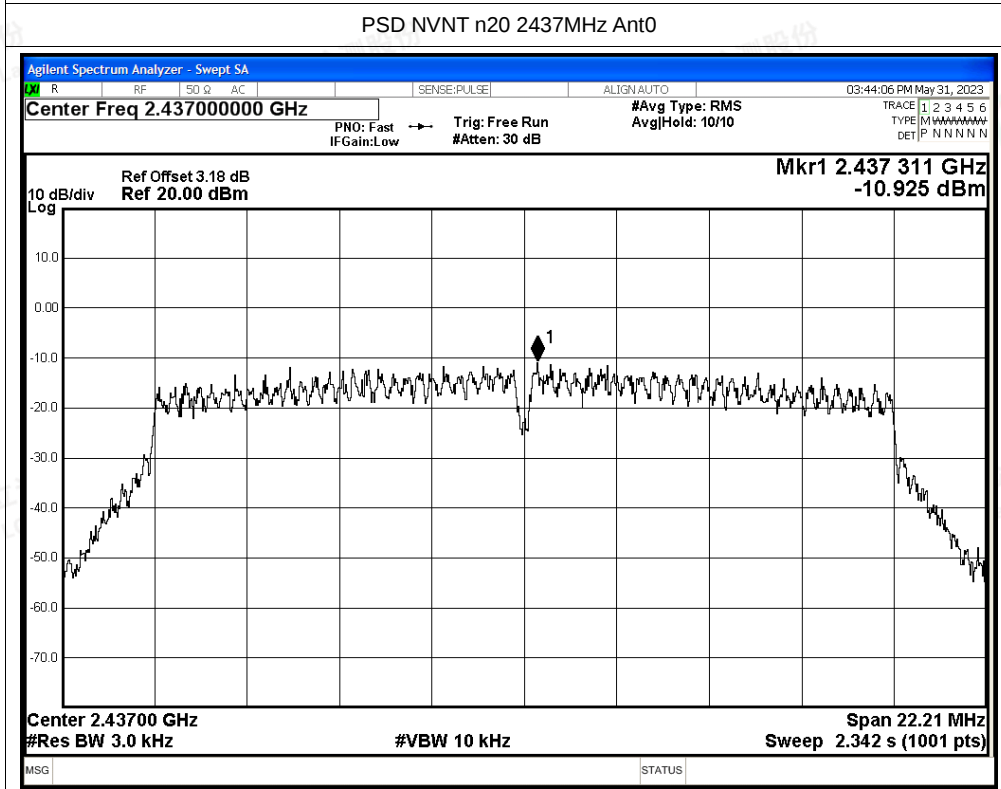
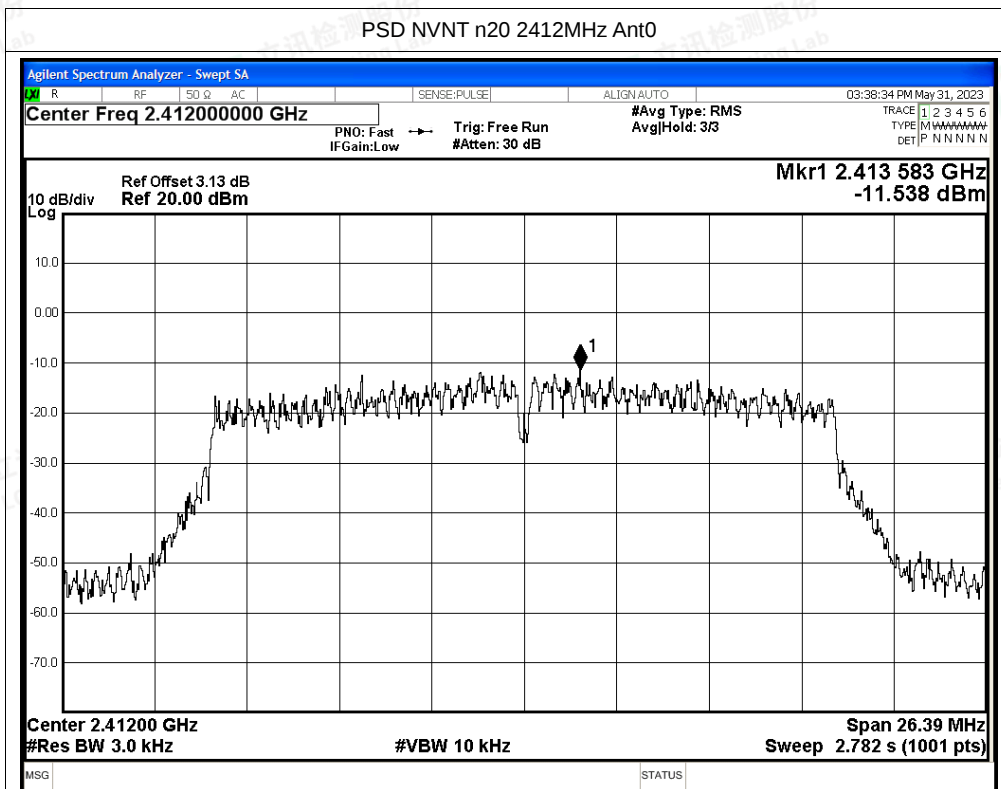


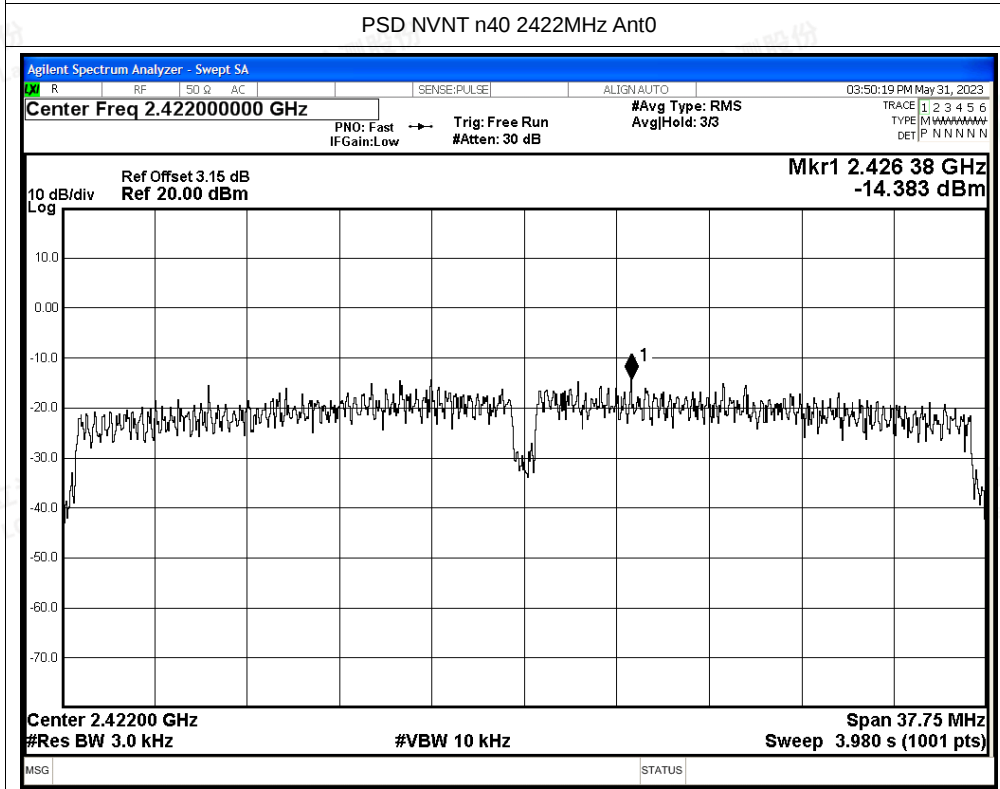
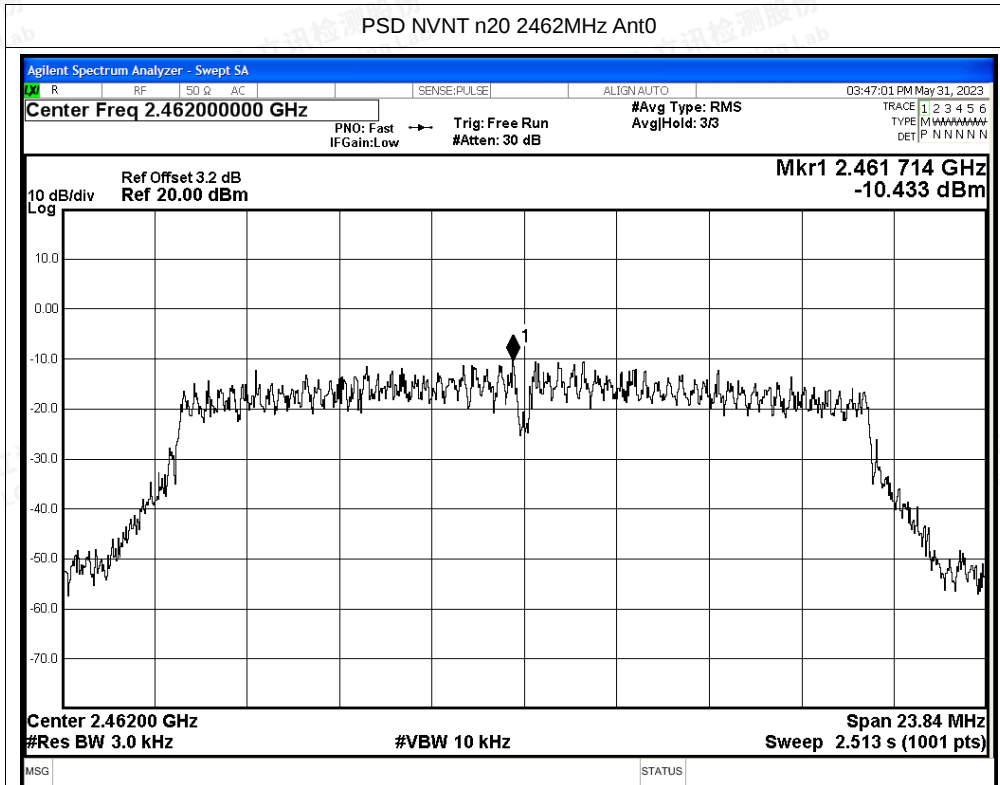
## PSD NVNT g 2437MHz Ant0

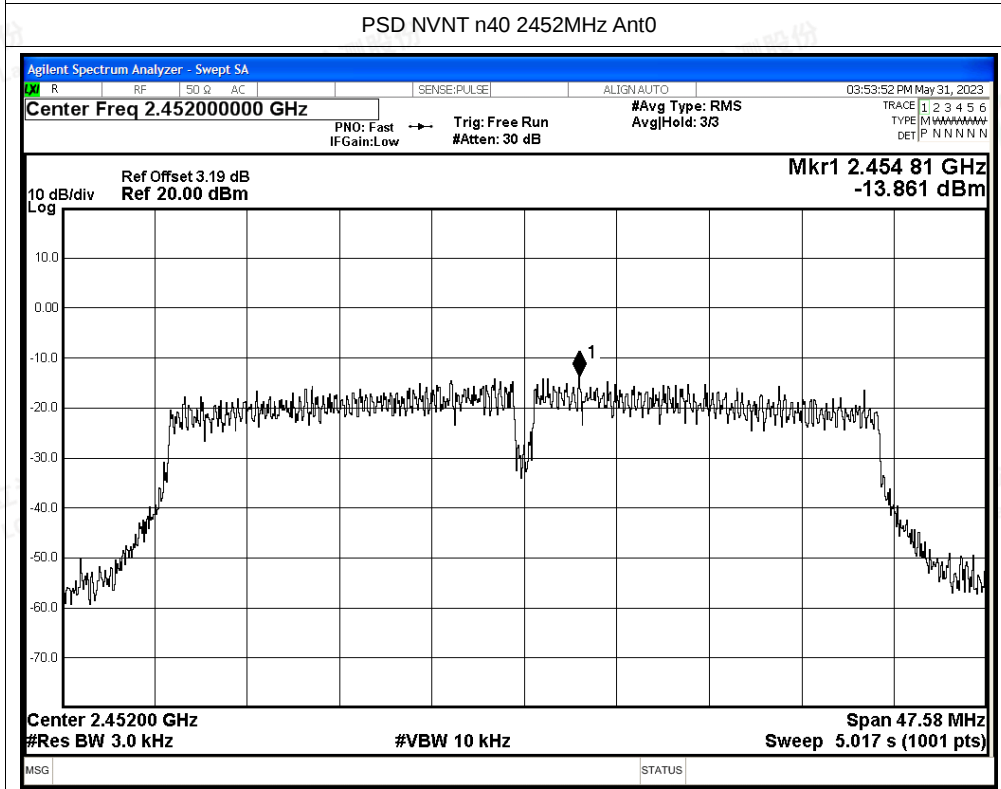
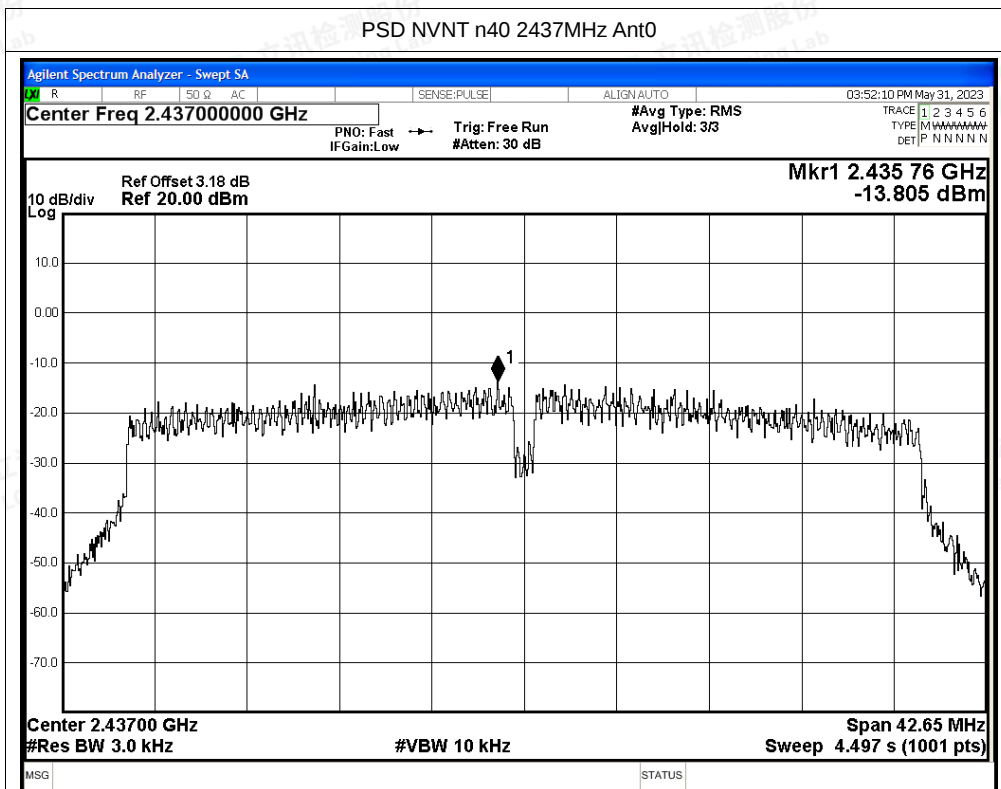


## PSD NVNT g 2462MHz Ant0











## B.4 Band Edge

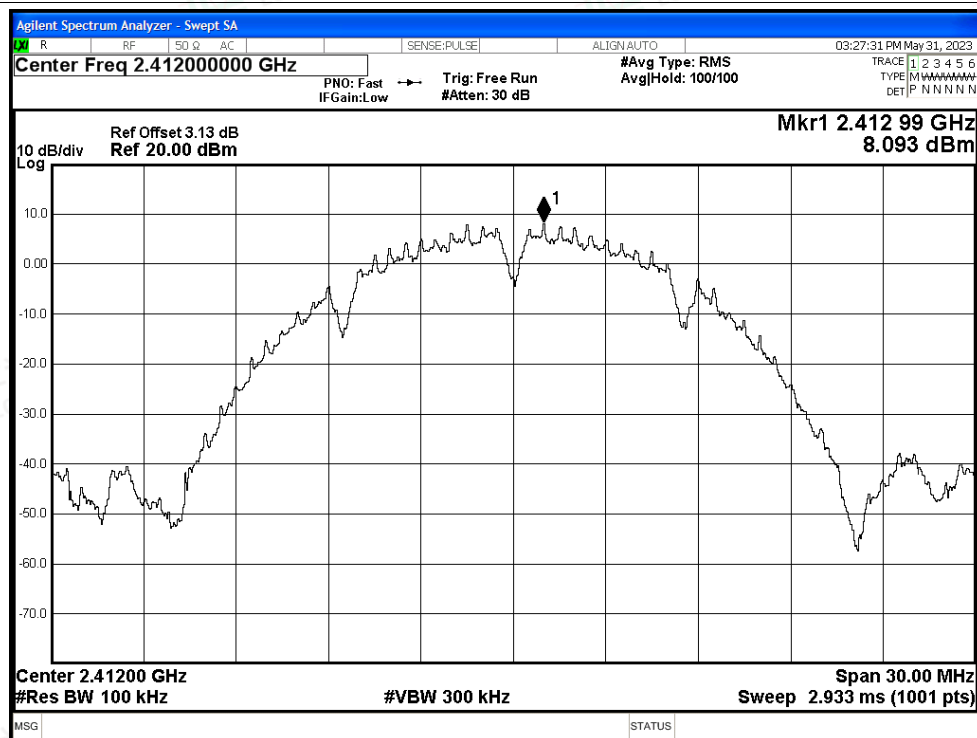
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant0    | -48.71          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant0    | -64.49          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant0    | -37.99          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant0    | -53.26          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant0    | -36.88          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant0    | -53.62          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant0    | -39.37          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant0    | -42.22          | -20         | Pass    |



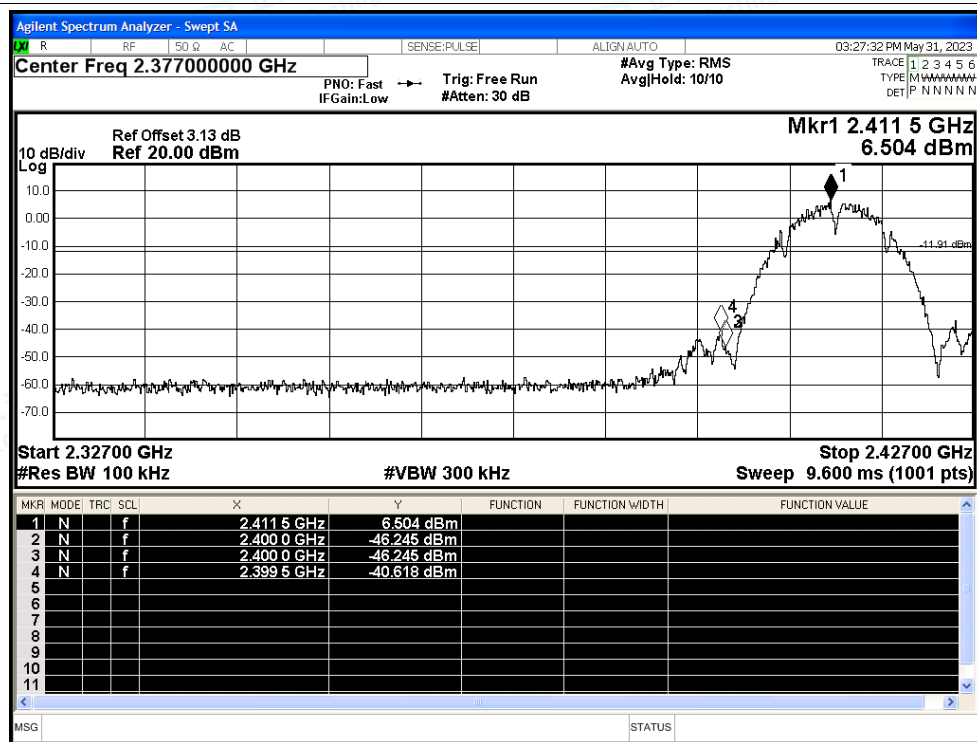


## Test Graphs

## Band Edge NVNT b 2412MHz Ant0 Ref

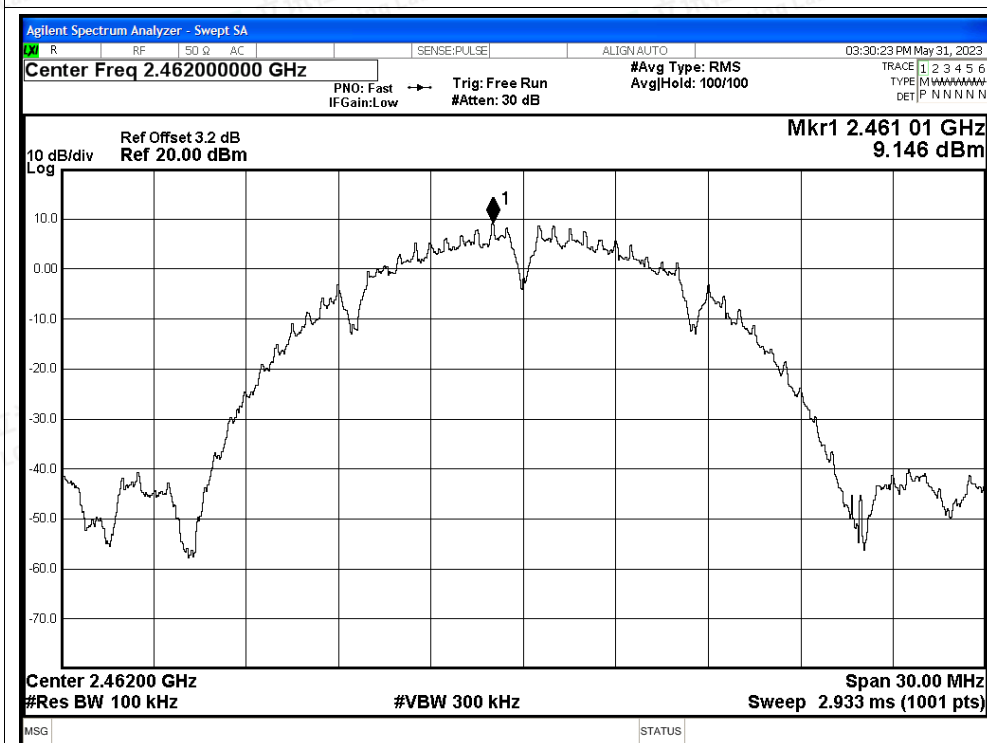


## Band Edge NVNT b 2412MHz Ant0 Emission

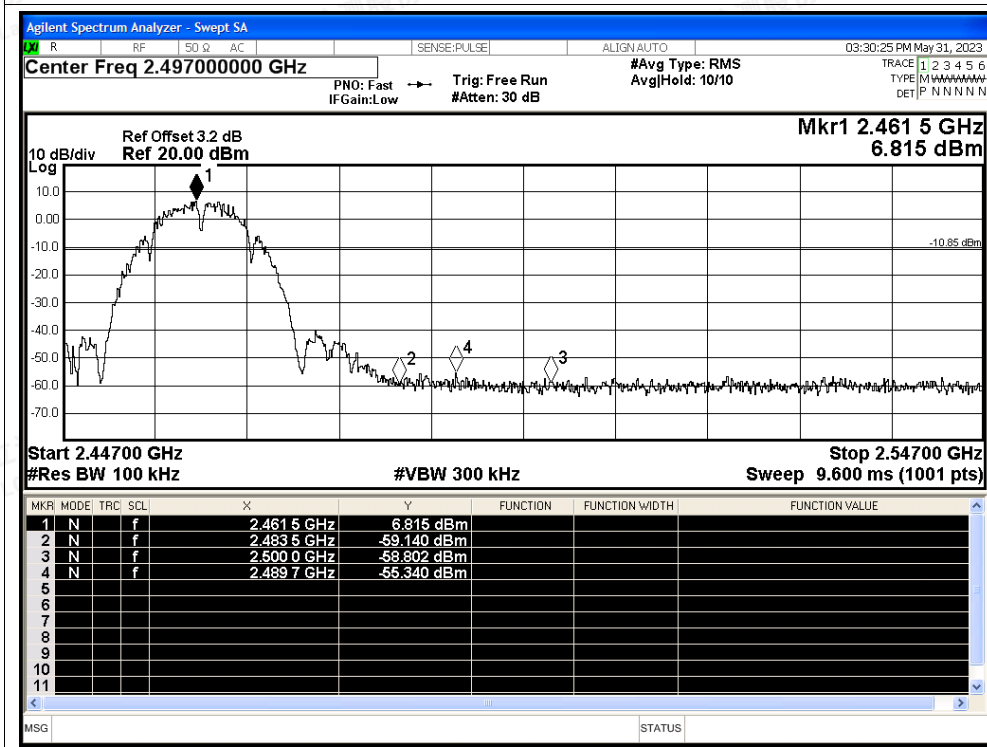




## Band Edge NVNT b 2462MHz Ant0 Ref

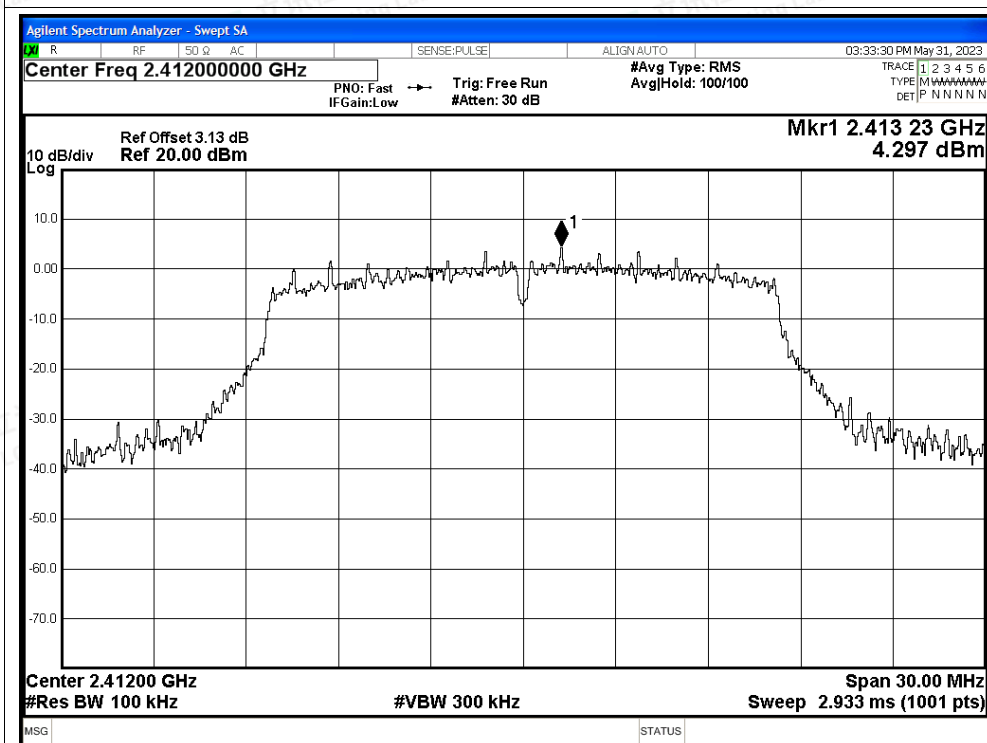


## Band Edge NVNT b 2462MHz Ant0 Emission

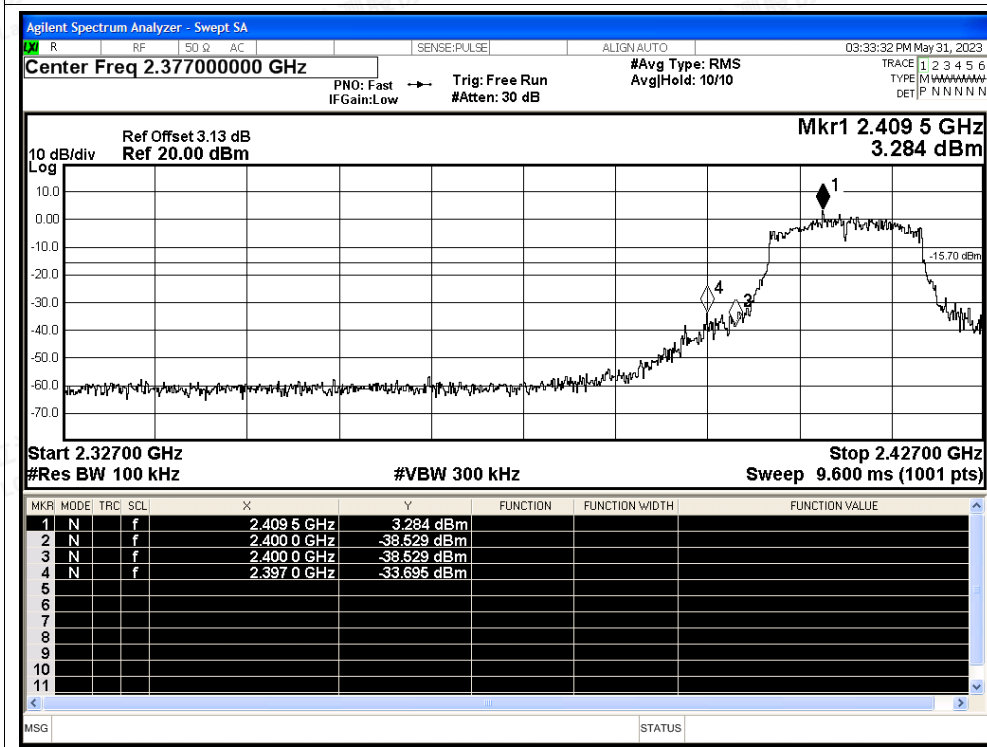




## Band Edge NVNT g 2412MHz Ant0 Ref

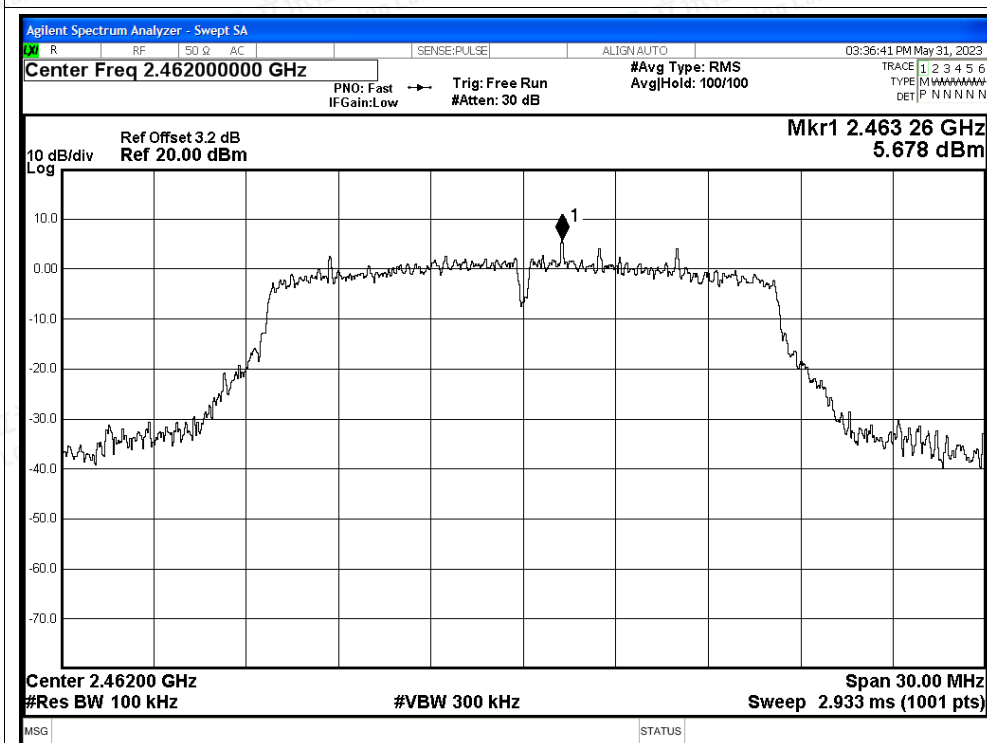


## Band Edge NVNT g 2412MHz Ant0 Emission

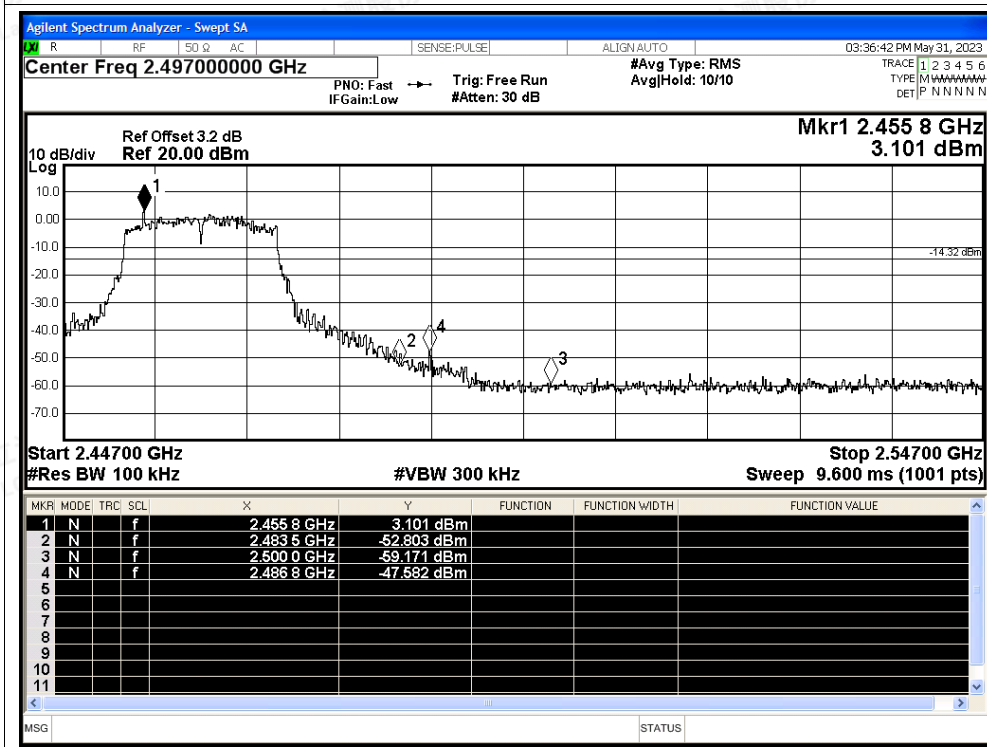




## Band Edge NVNT g 2462MHz Ant0 Ref

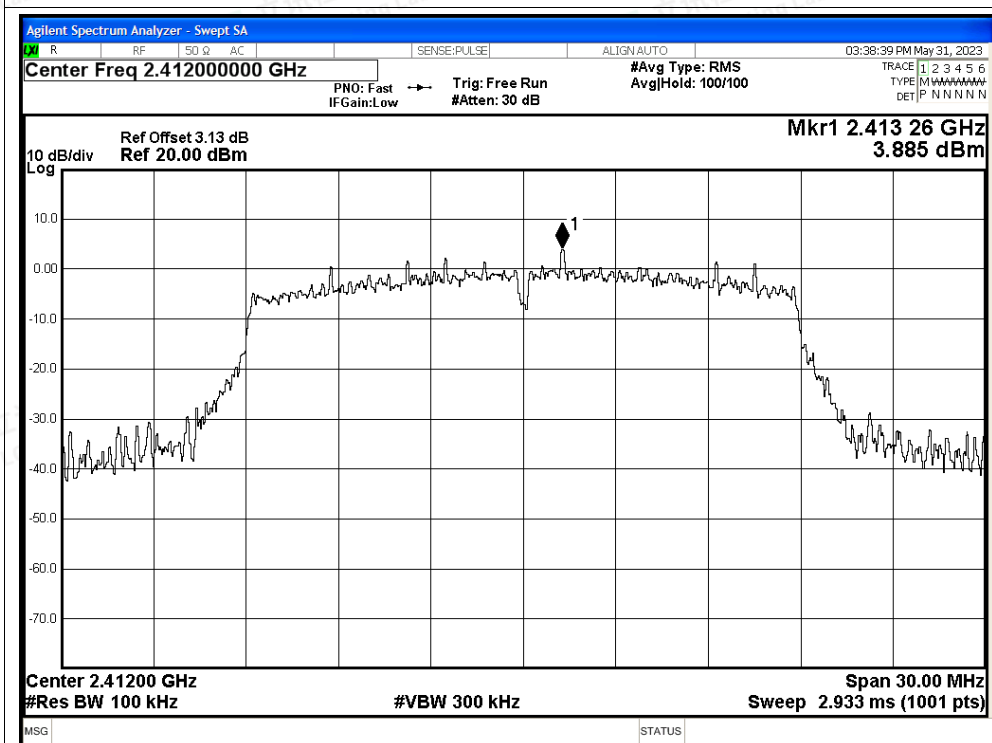


## Band Edge NVNT g 2462MHz Ant0 Emission

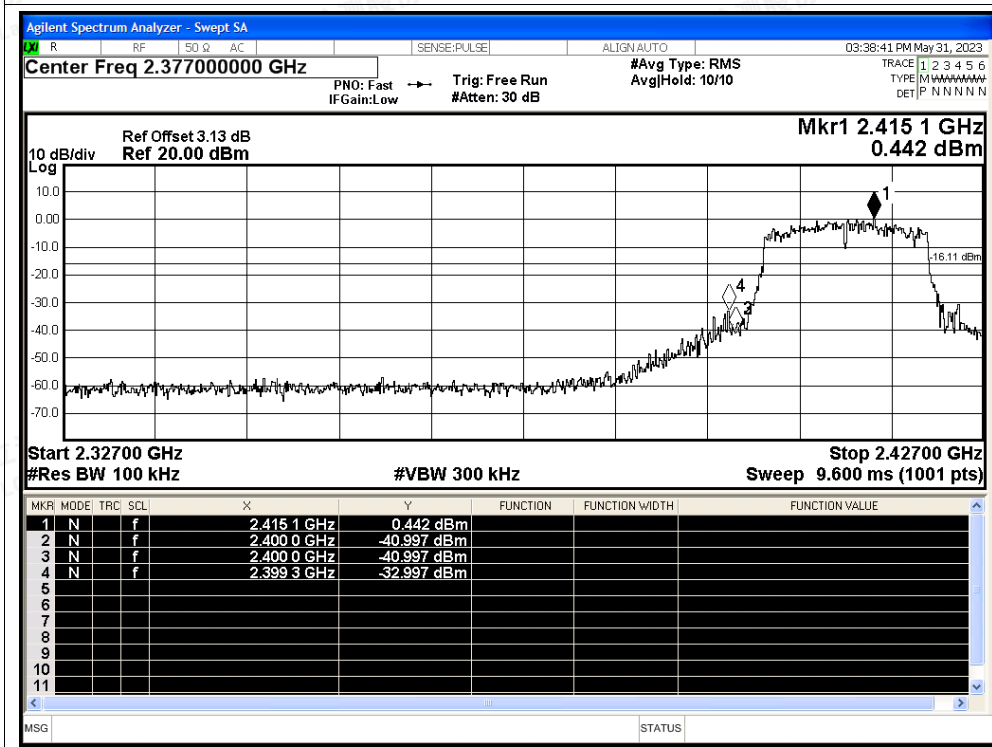




## Band Edge NVNT n20 2412MHz Ant0 Ref

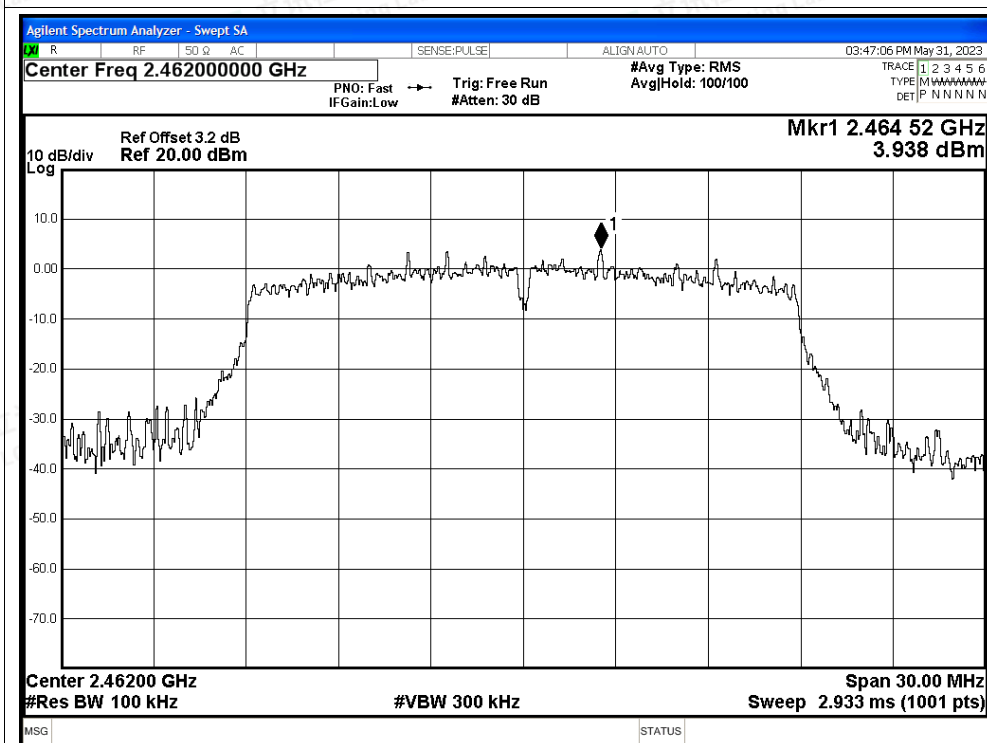


## Band Edge NVNT n20 2412MHz Ant0 Emission

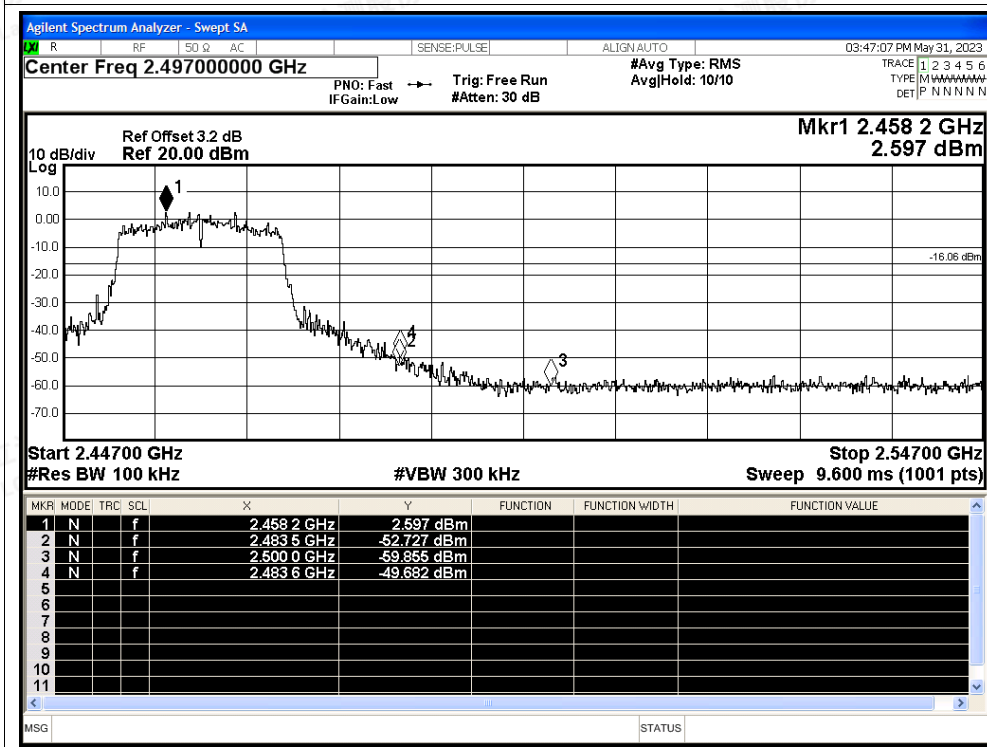




## Band Edge NVNT n20 2462MHz Ant0 Ref

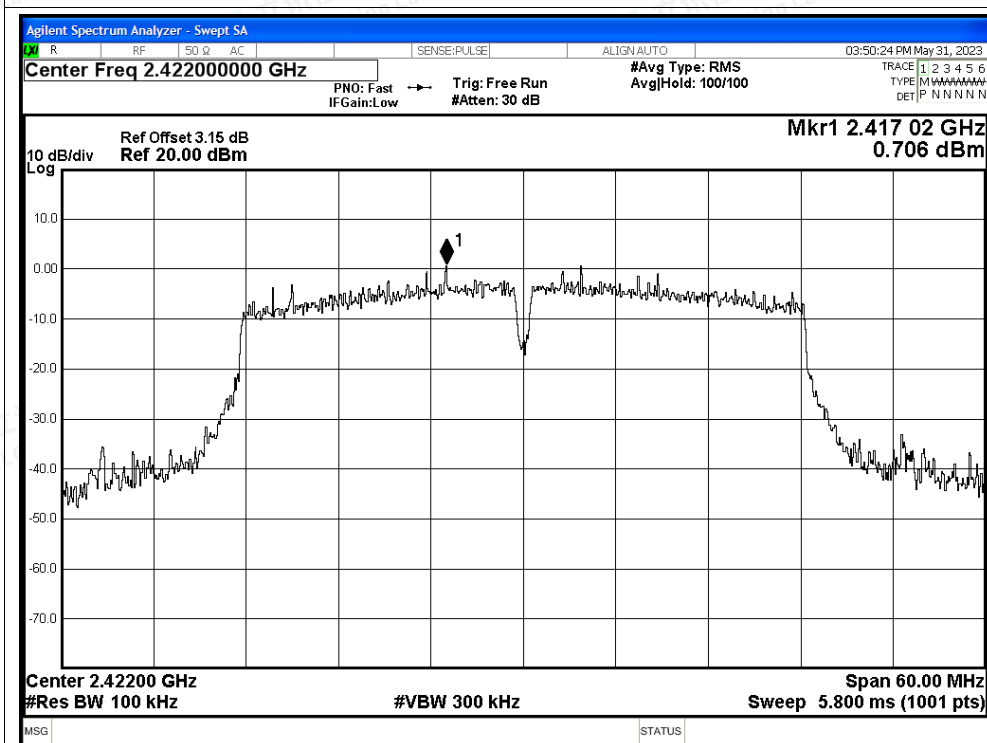


## Band Edge NVNT n20 2462MHz Ant0 Emission

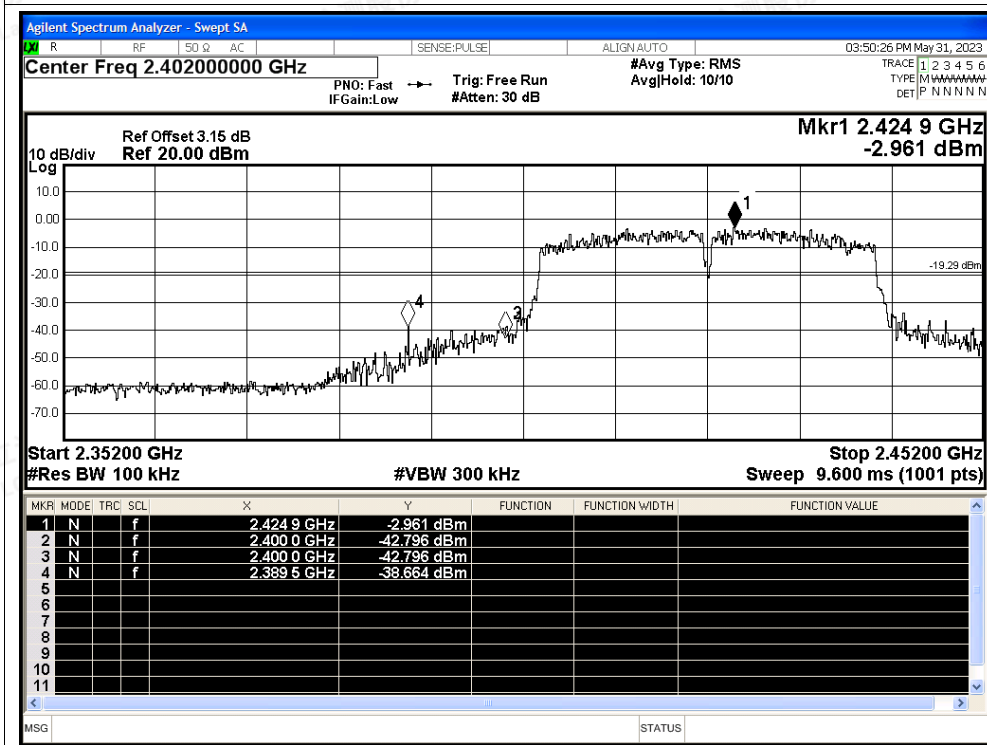




## Band Edge NVNT n40 2422MHz Ant0 Ref

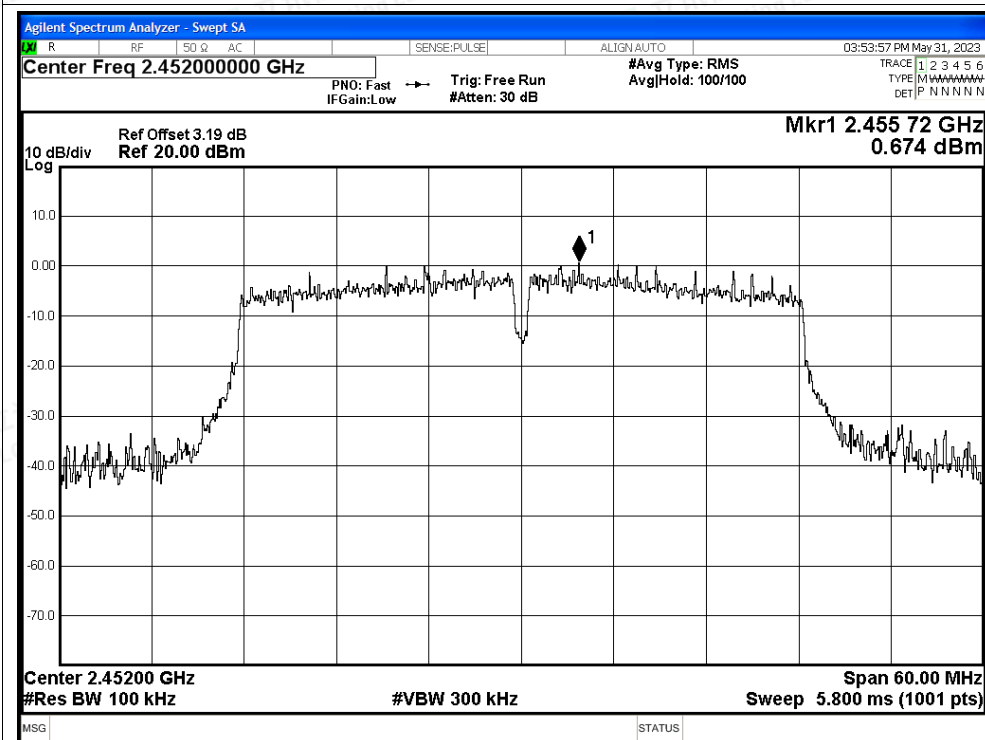


## Band Edge NVNT n40 2422MHz Ant0 Emission

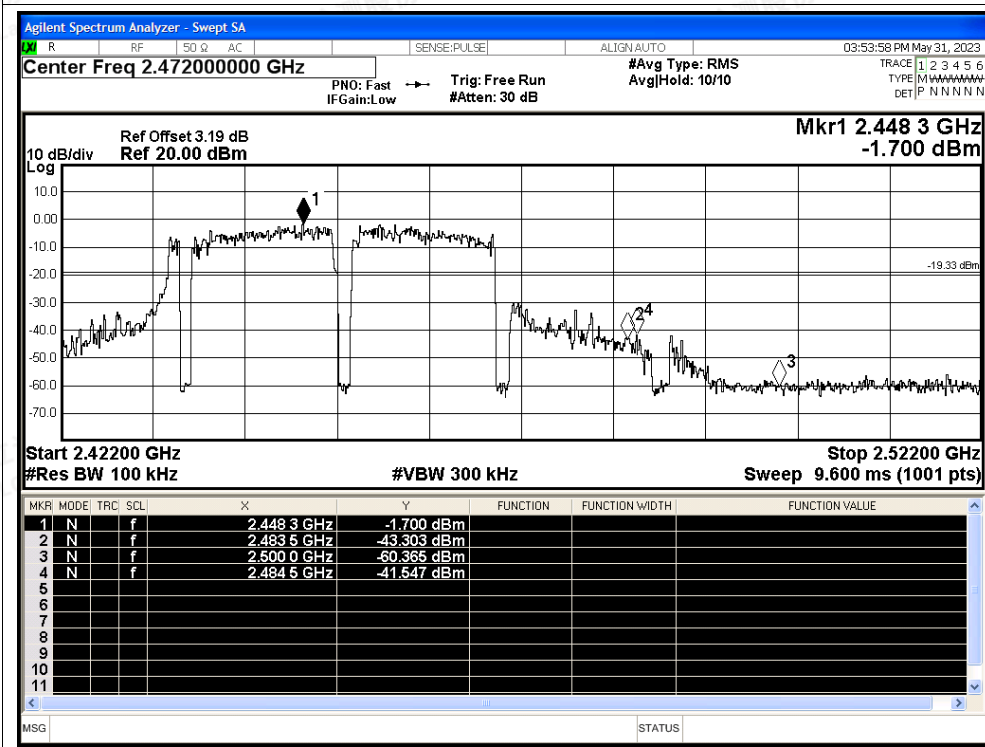




## Band Edge NVNT n40 2452MHz Ant0 Ref



## Band Edge NVNT n40 2452MHz Ant0 Emission





| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -50.28          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -63.82          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -38.6           | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -54.07          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -34.89          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -53.83          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -38.6           | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -38.67          | -20         | Pass    |

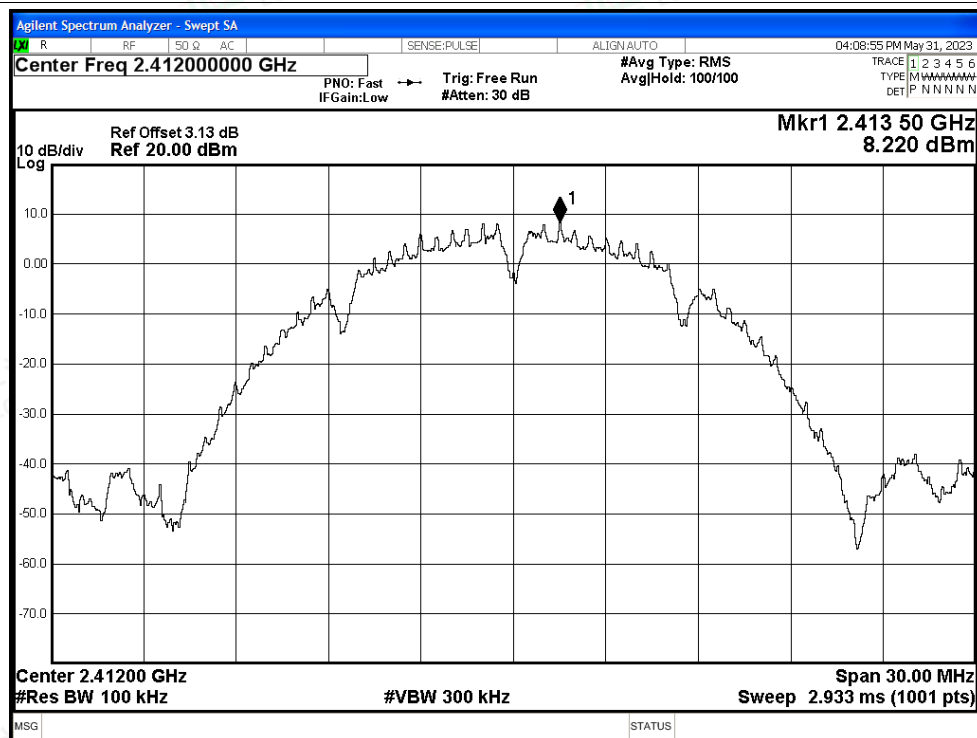


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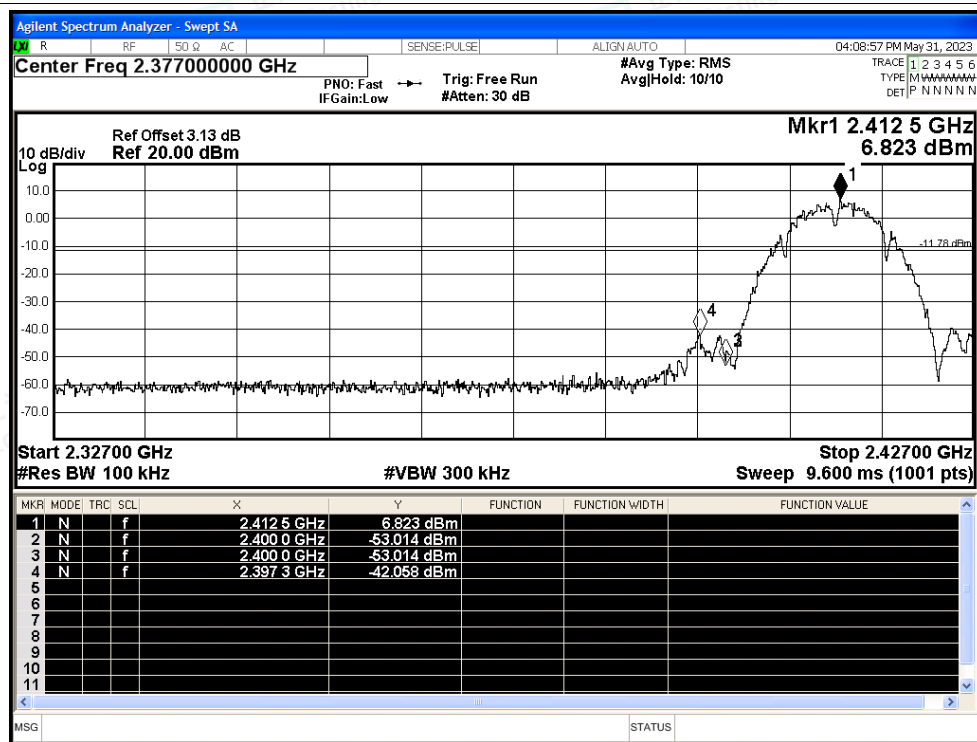


## Test Graphs

## Band Edge NVNT b 2412MHz Ant1 Ref



## Band Edge NVNT b 2412MHz Ant1 Emission



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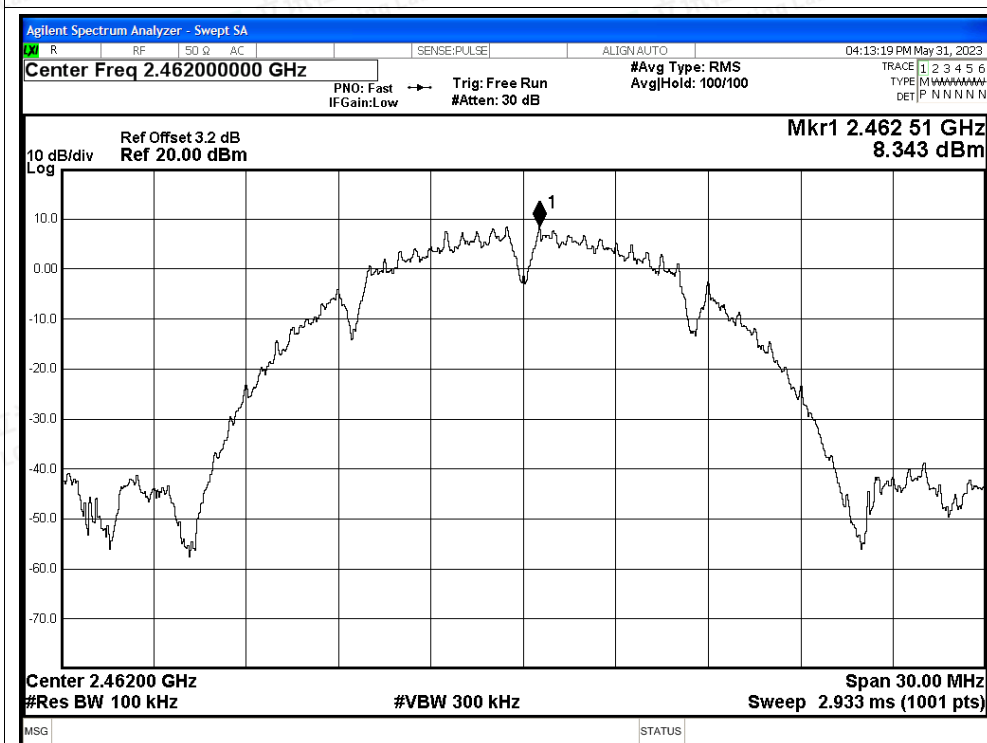
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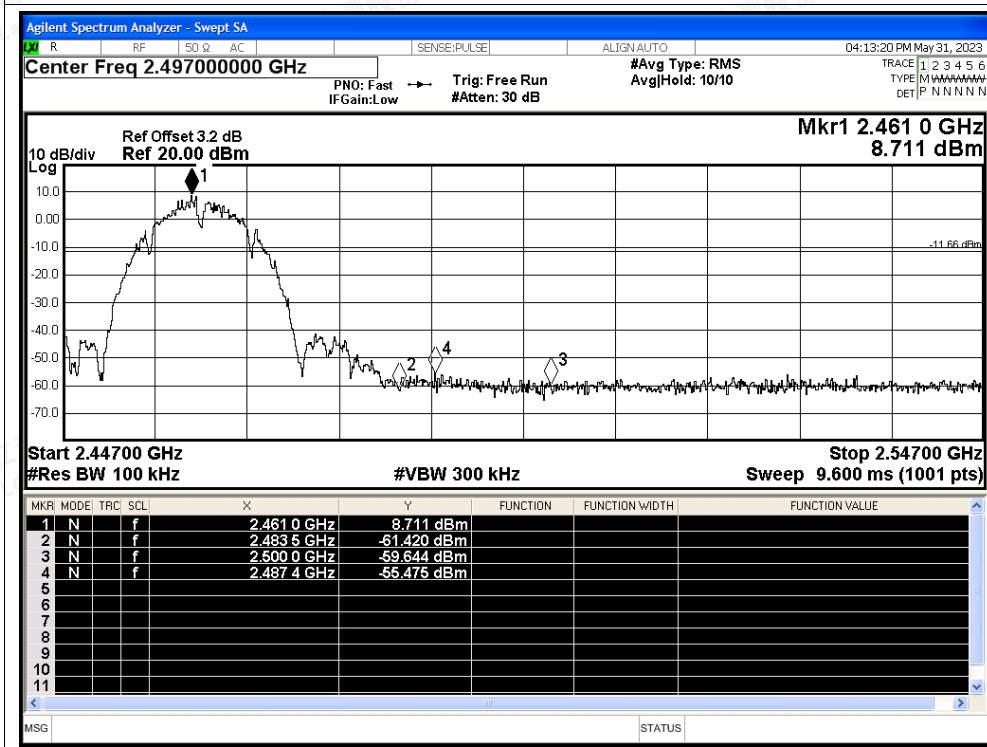
Scan code to check authenticity



## Band Edge NVNT b 2462MHz Ant1 Ref

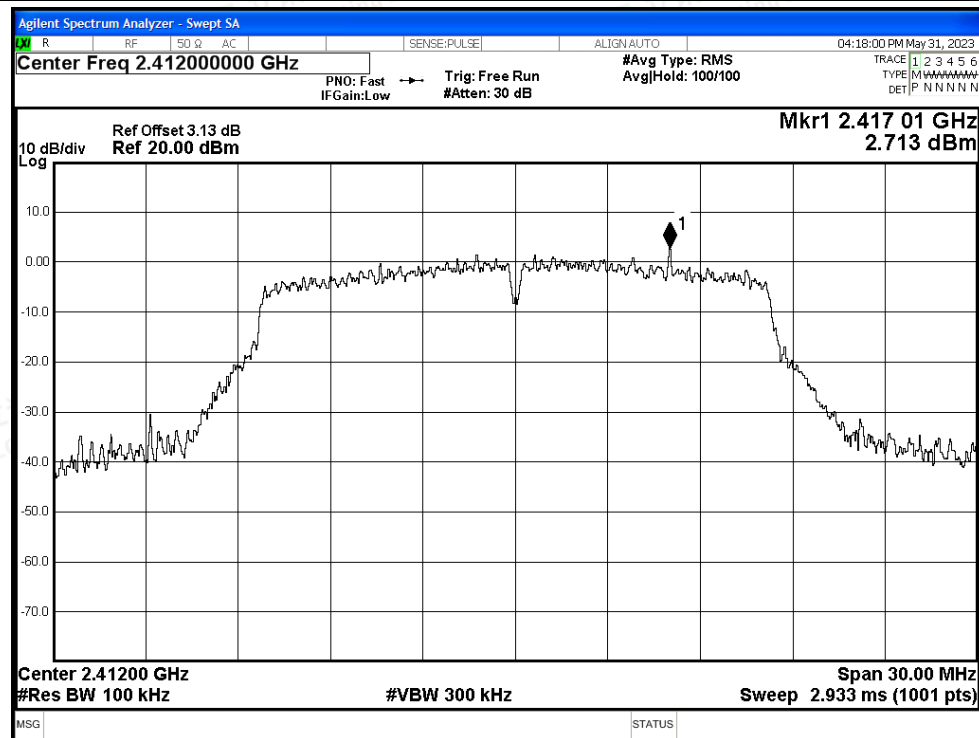


## Band Edge NVNT b 2462MHz Ant1 Emission

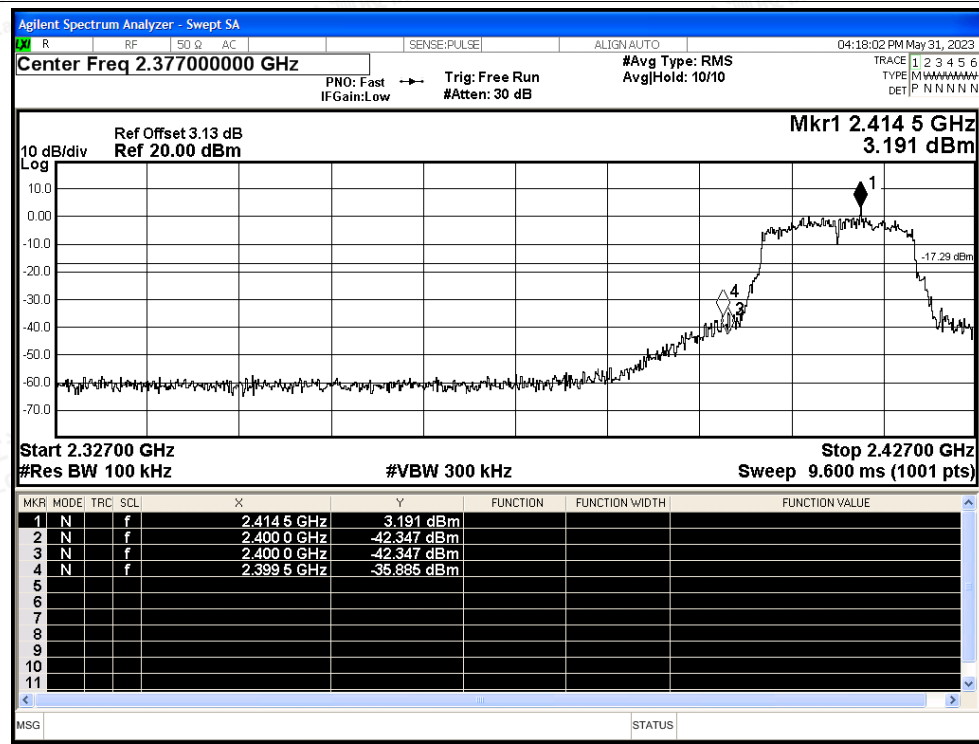




## Band Edge NVNT g 2412MHz Ant1 Ref

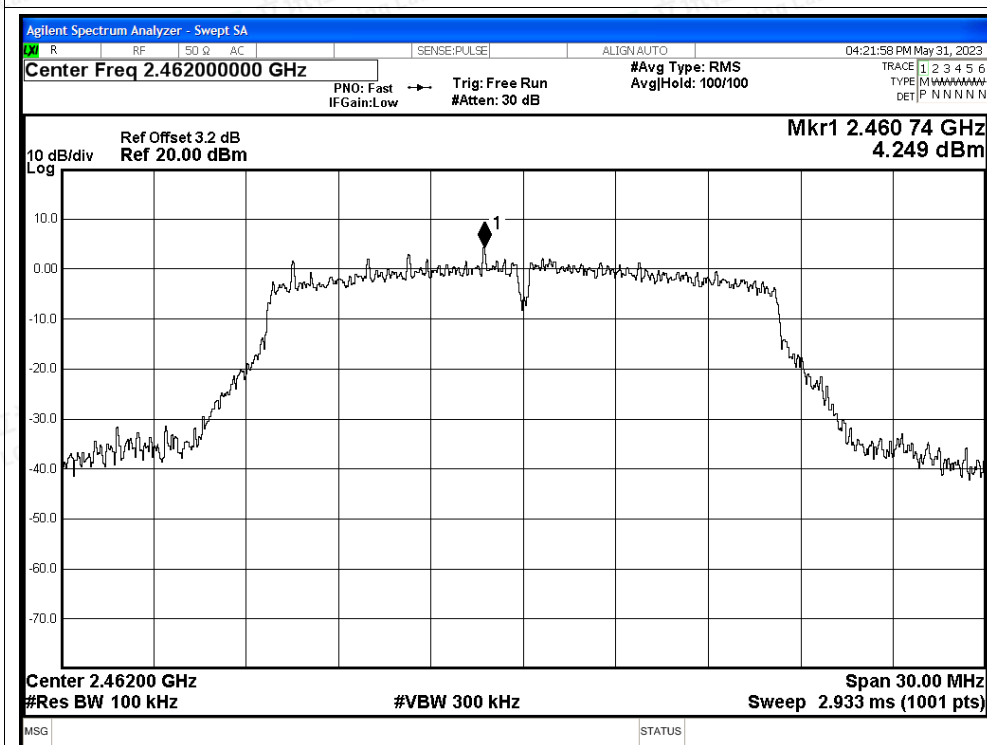


## Band Edge NVNT g 2412MHz Ant1 Emission

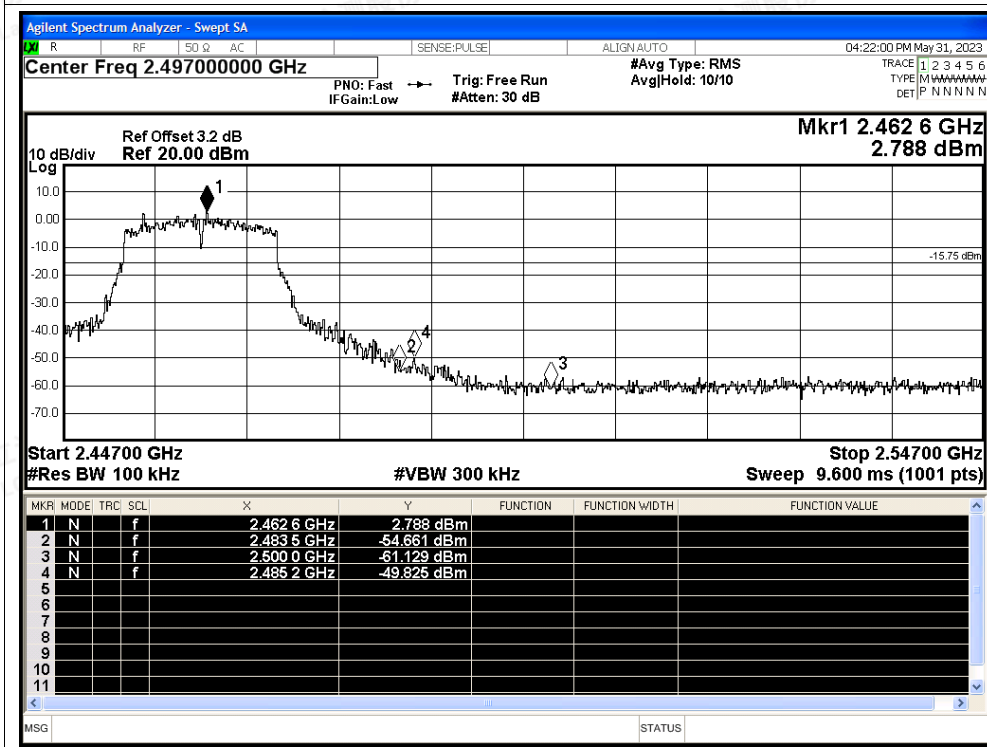




## Band Edge NVNT g 2462MHz Ant1 Ref

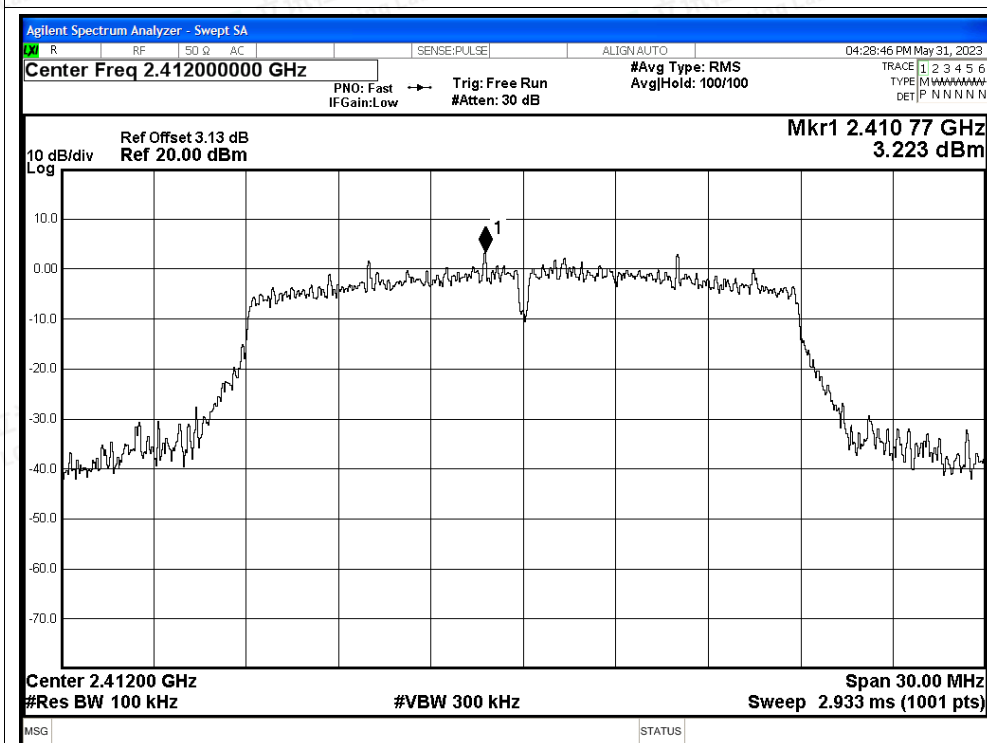


## Band Edge NVNT g 2462MHz Ant1 Emission

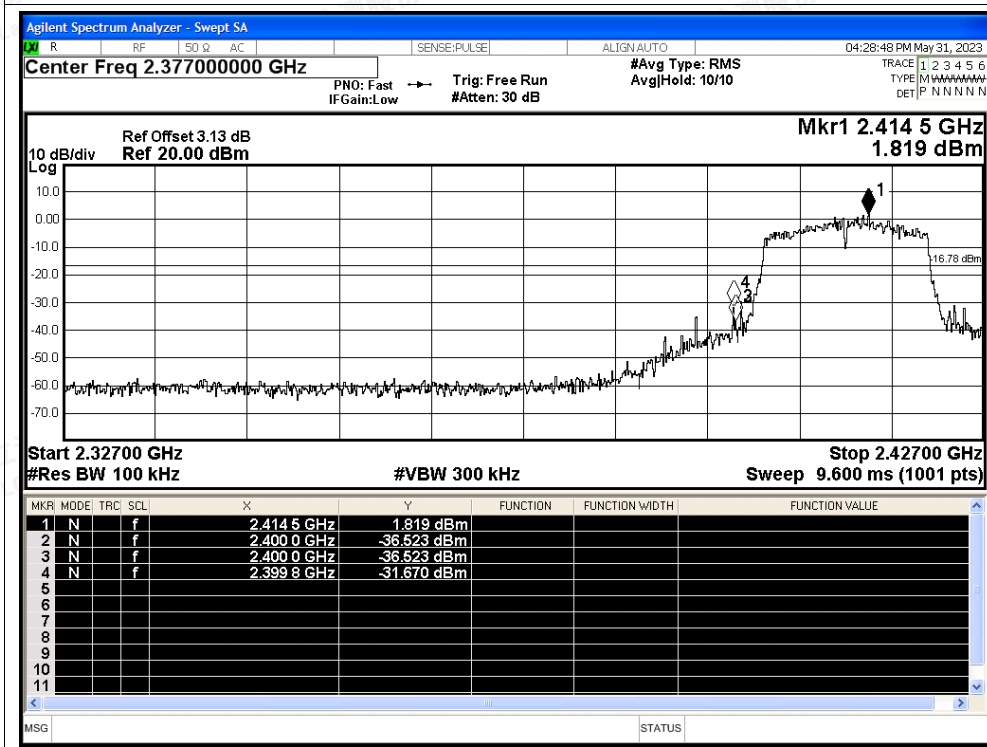




## Band Edge NVNT n20 2412MHz Ant1 Ref

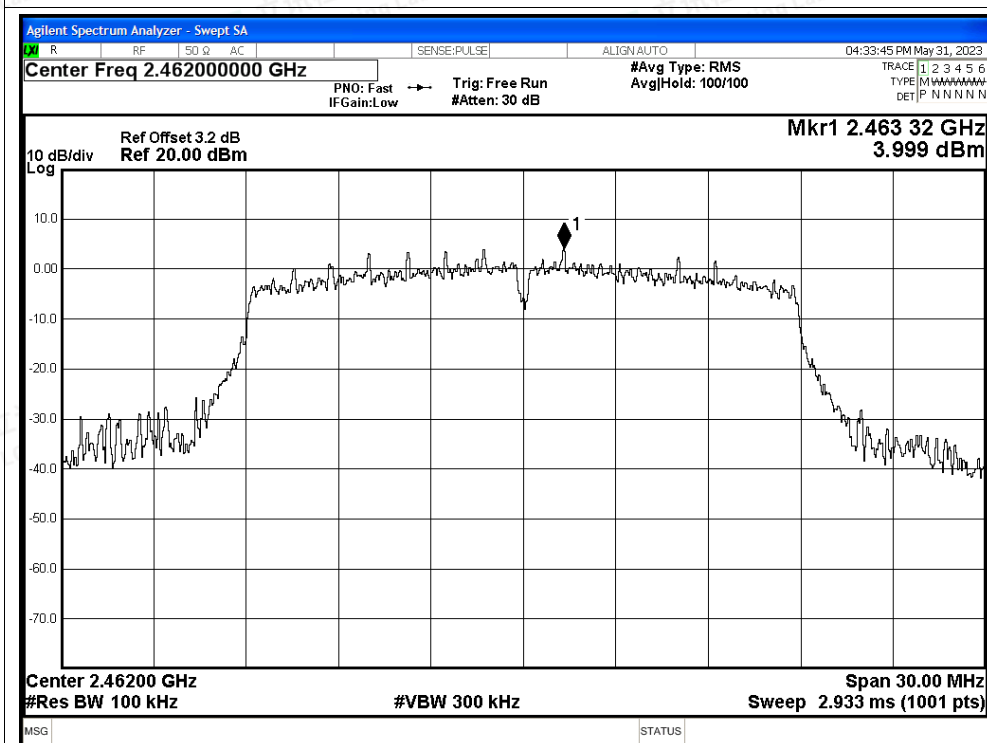


## Band Edge NVNT n20 2412MHz Ant1 Emission

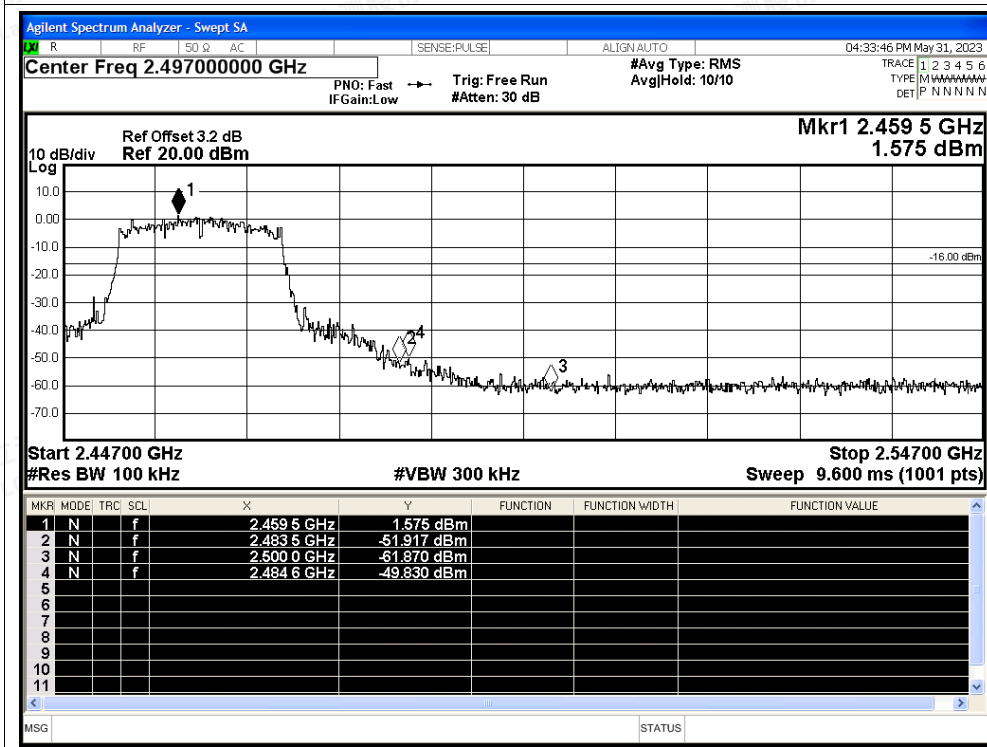




## Band Edge NVNT n20 2462MHz Ant1 Ref

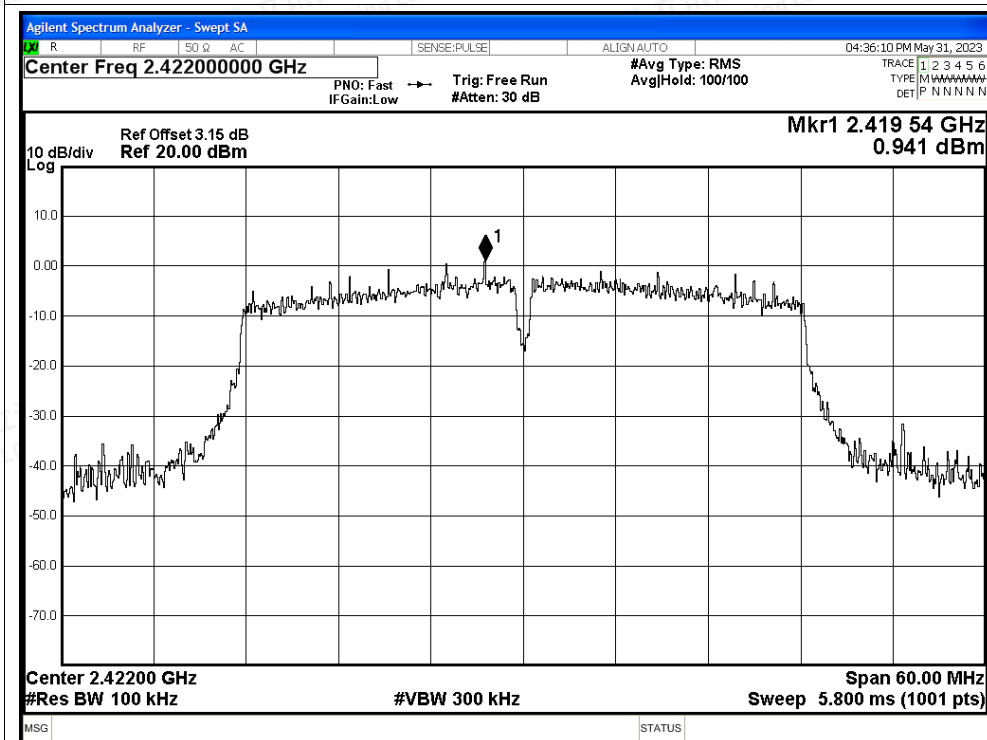


## Band Edge NVNT n20 2462MHz Ant1 Emission

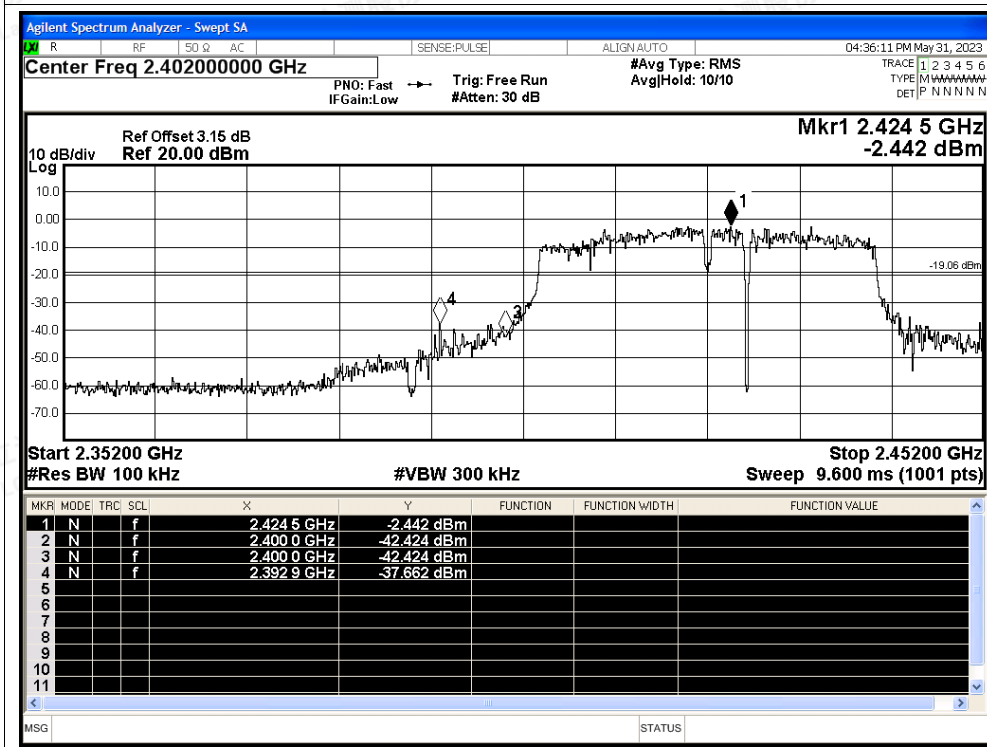




## Band Edge NVNT n40 2422MHz Ant1 Ref

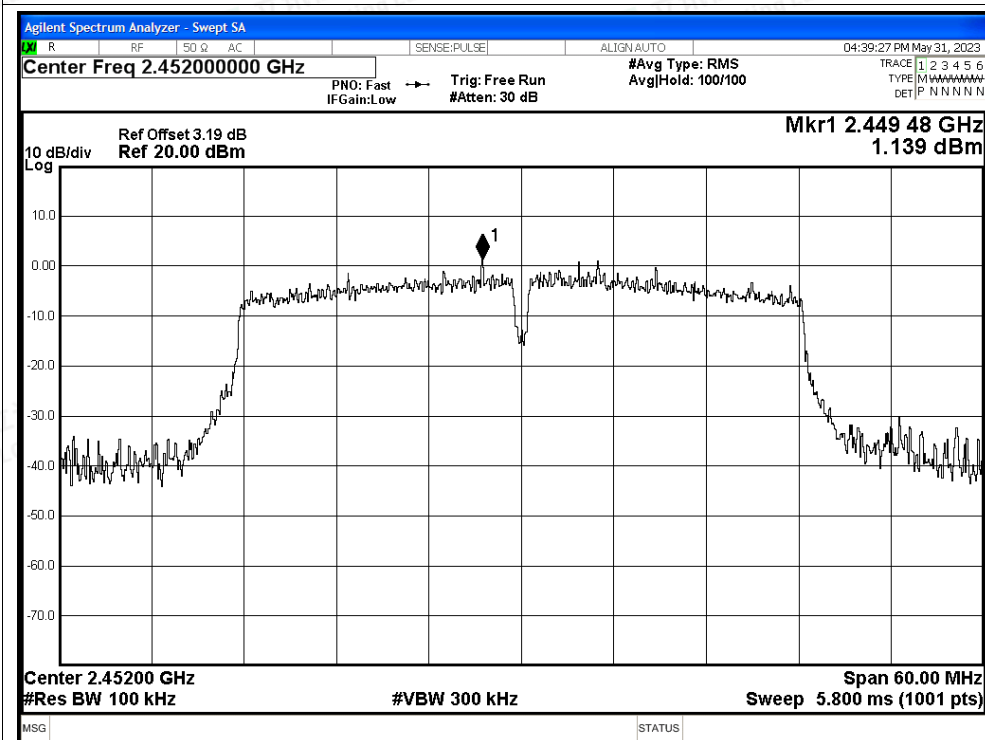


## Band Edge NVNT n40 2422MHz Ant1 Emission

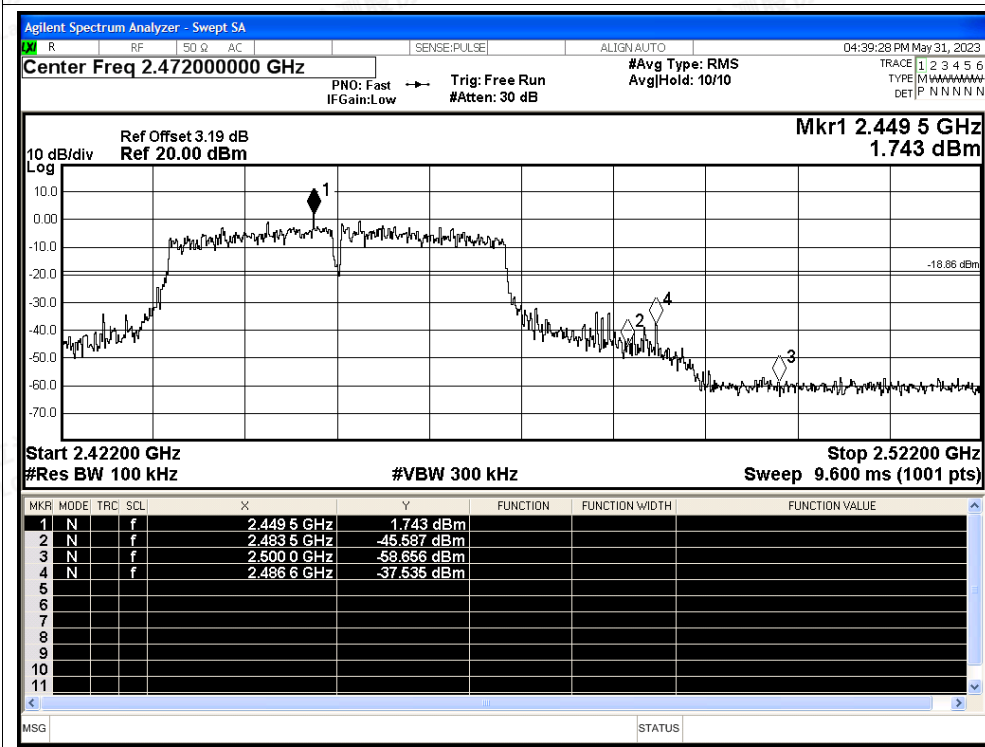




## Band Edge NVNT n40 2452MHz Ant1 Ref



## Band Edge NVNT n40 2452MHz Ant1 Emission



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## B.5 Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant0    | -52.92          | -20         | Pass    |
| NVNT      | b    | 2437            | Ant0    | -52.7           | -20         | Pass    |
| NVNT      | b    | 2462            | Ant0    | -53.22          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant0    | -49.44          | -20         | Pass    |
| NVNT      | g    | 2437            | Ant0    | -46.54          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant0    | -49.54          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant0    | -47.71          | -20         | Pass    |
| NVNT      | n20  | 2437            | Ant0    | -47.83          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant0    | -48.23          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant0    | -44.97          | -20         | Pass    |
| NVNT      | n40  | 2437            | Ant0    | -45.47          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant0    | -45             | -20         | Pass    |

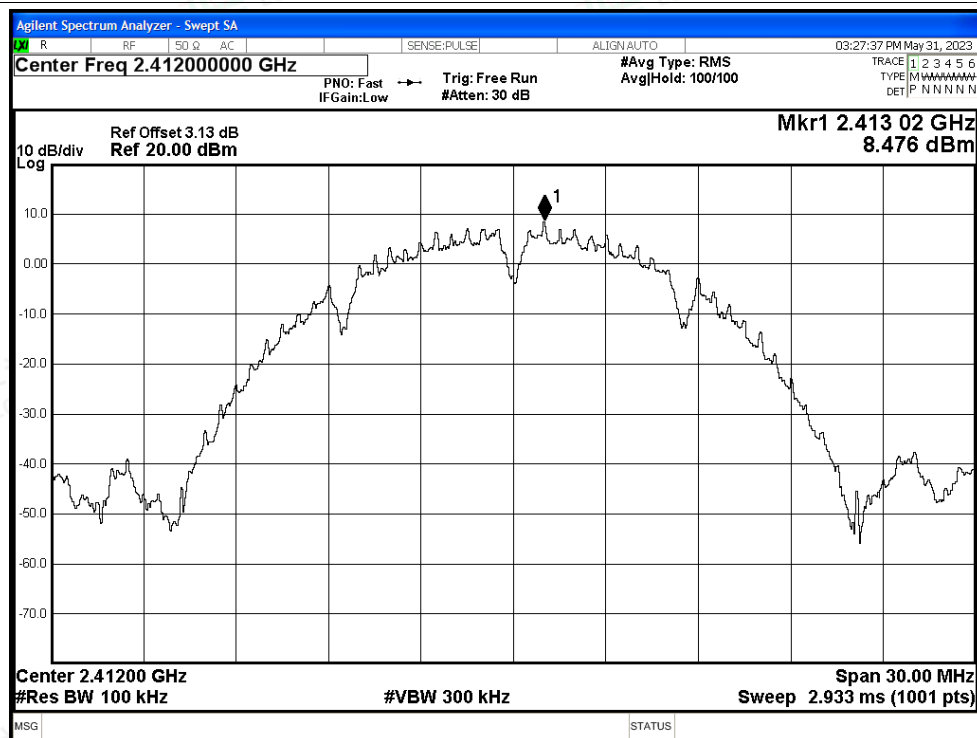


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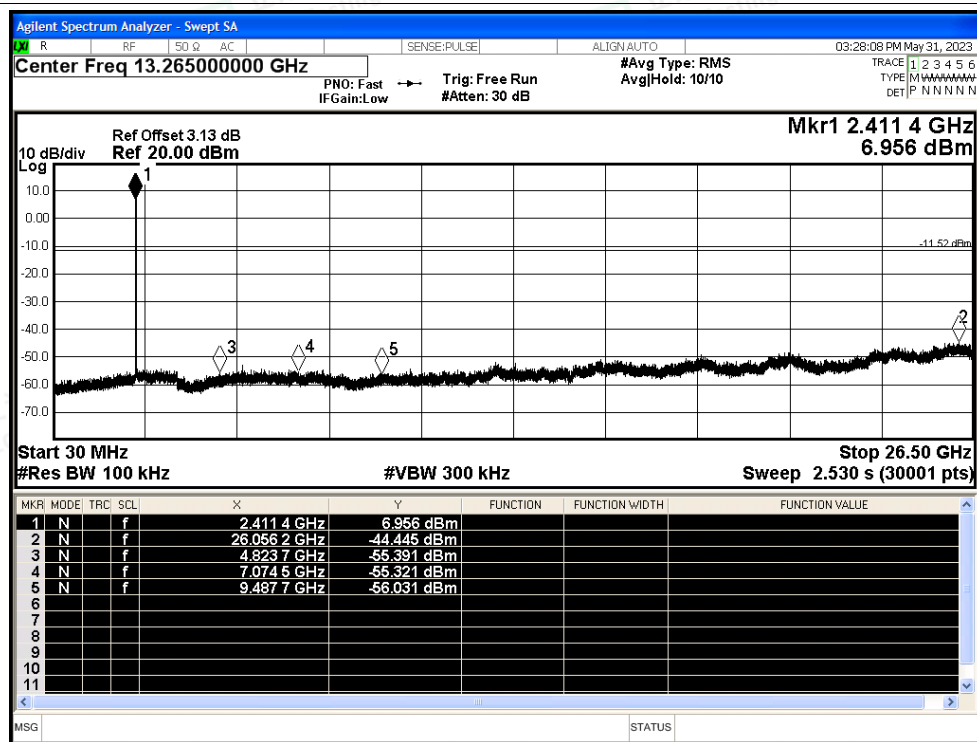


## Test Graphs

Tx. Spurious NVNT b 2412MHz Ant0 Ref

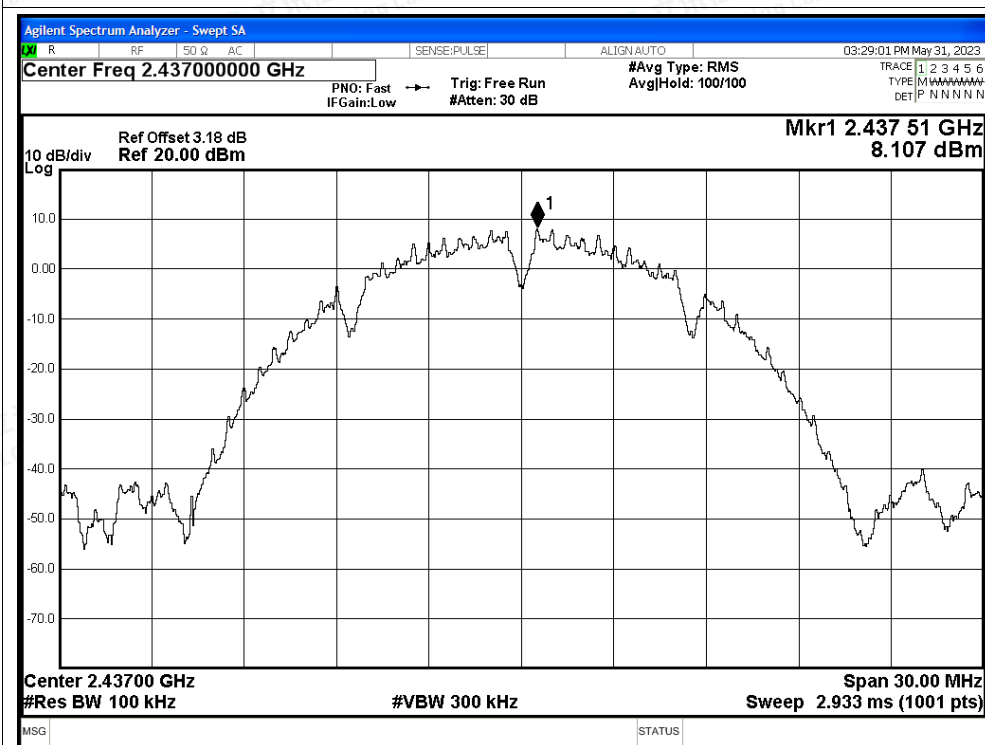


Tx. Spurious NVNT b 2412MHz Ant0 Emission

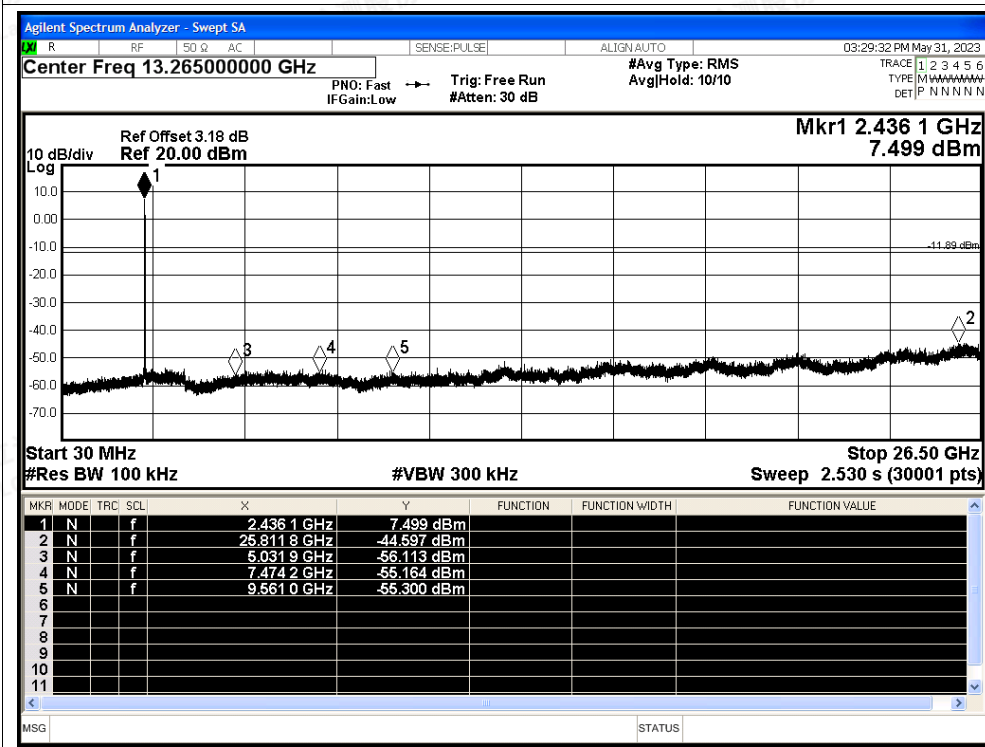




## Tx. Spurious NVNT b 2437MHz Ant0 Ref

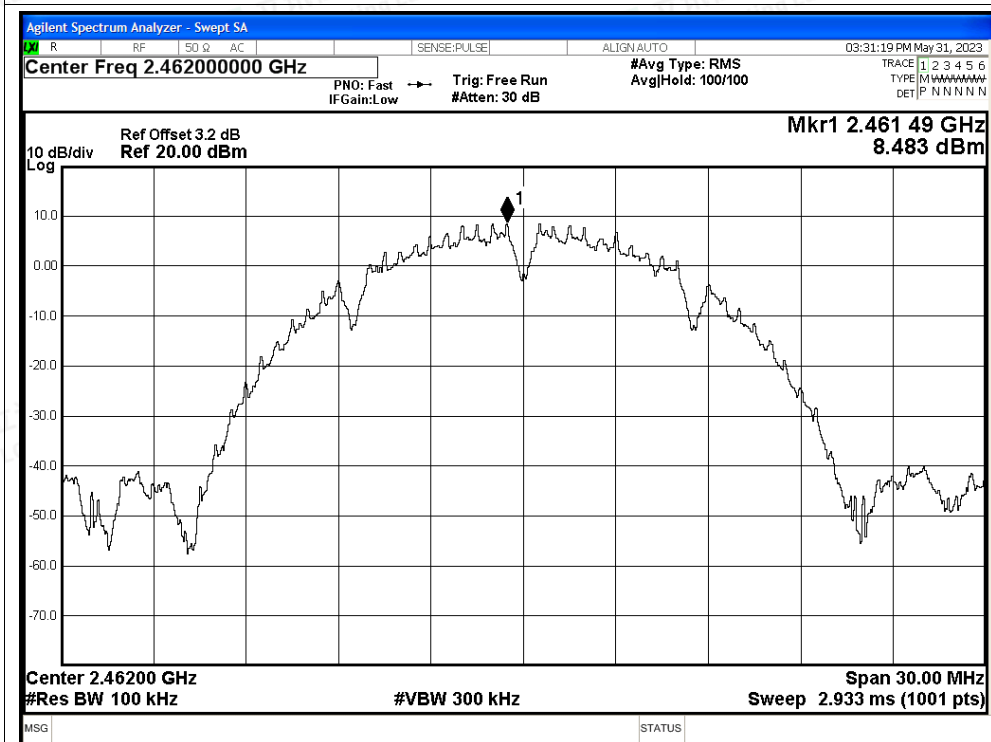


## Tx. Spurious NVNT b 2437MHz Ant0 Emission

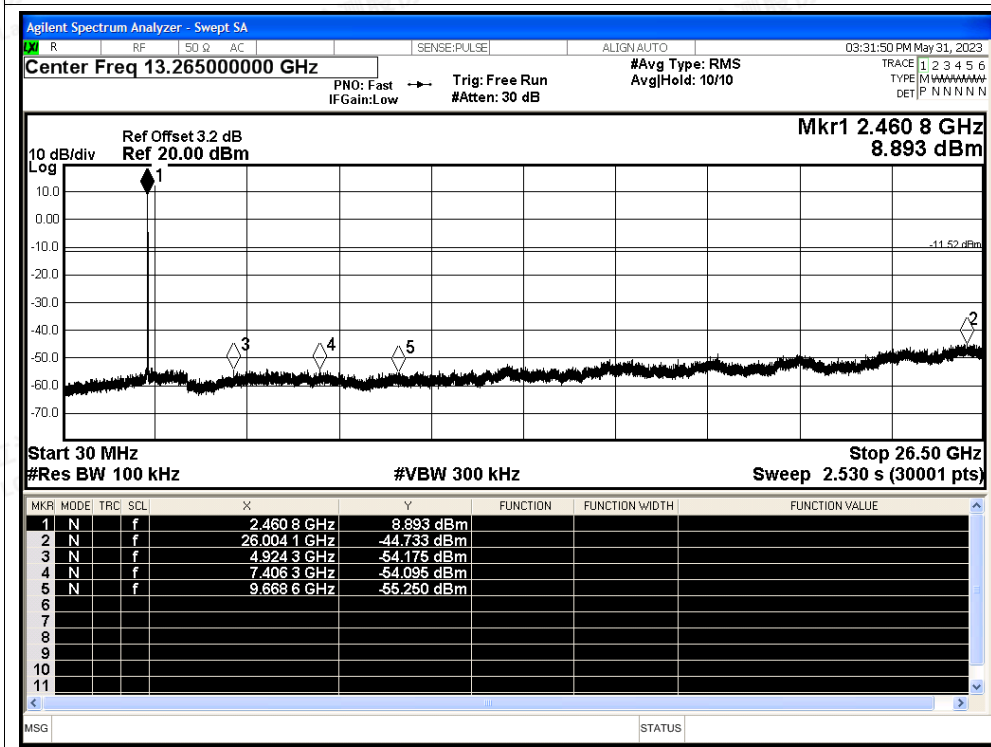




## Tx. Spurious NVNT b 2462MHz Ant0 Ref

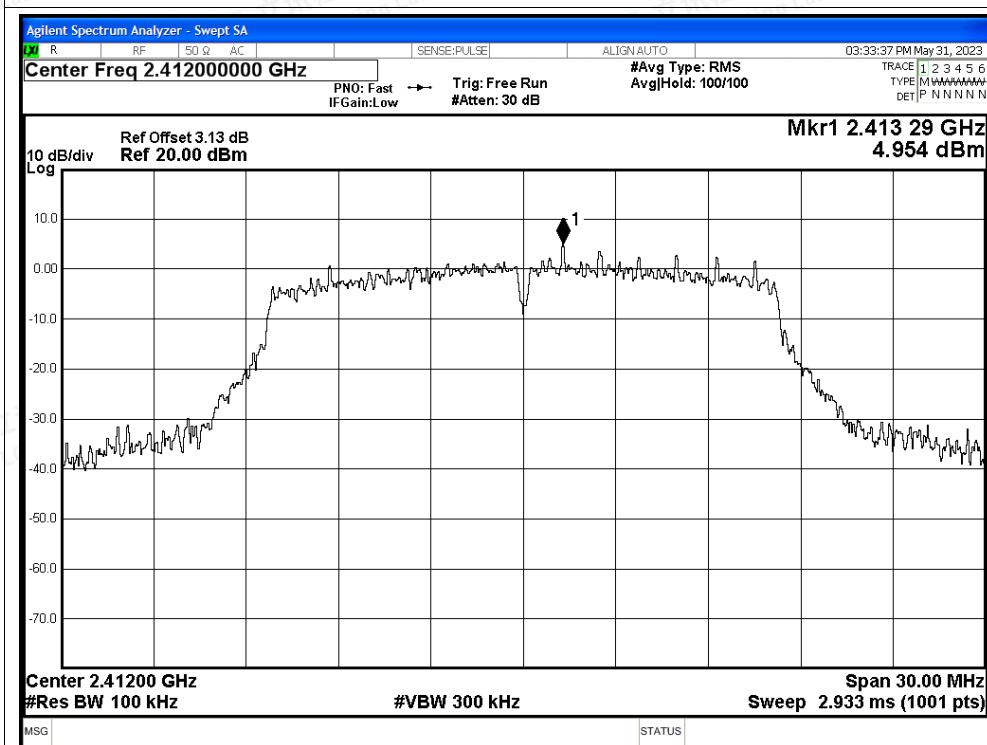


## Tx. Spurious NVNT b 2462MHz Ant0 Emission

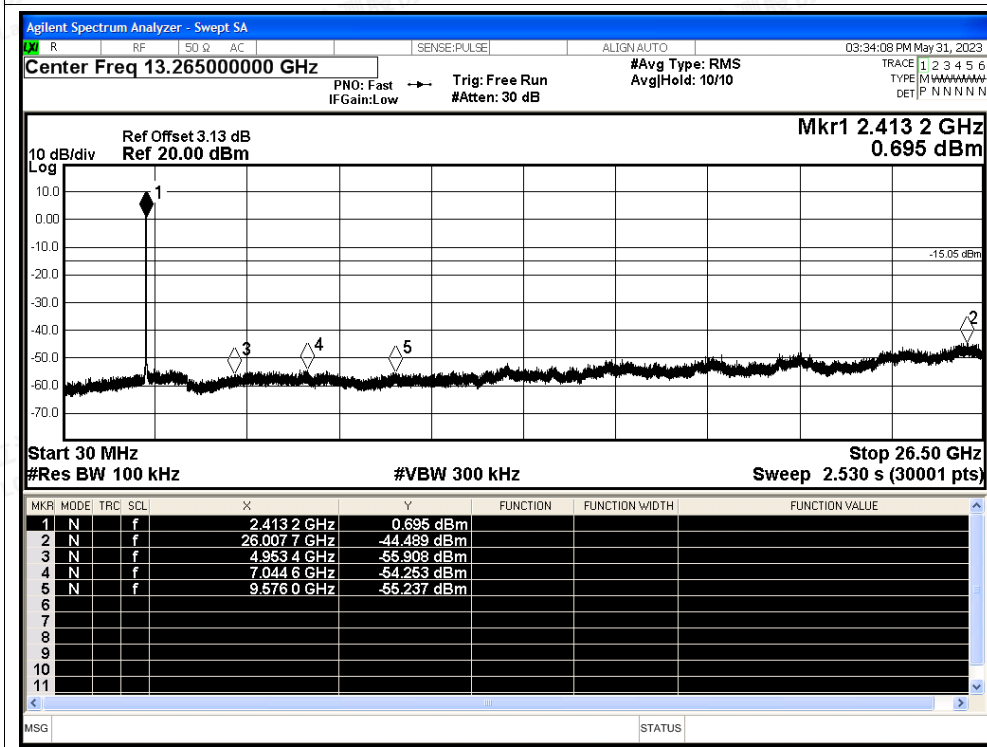




## Tx. Spurious NVNT g 2412MHz Ant0 Ref

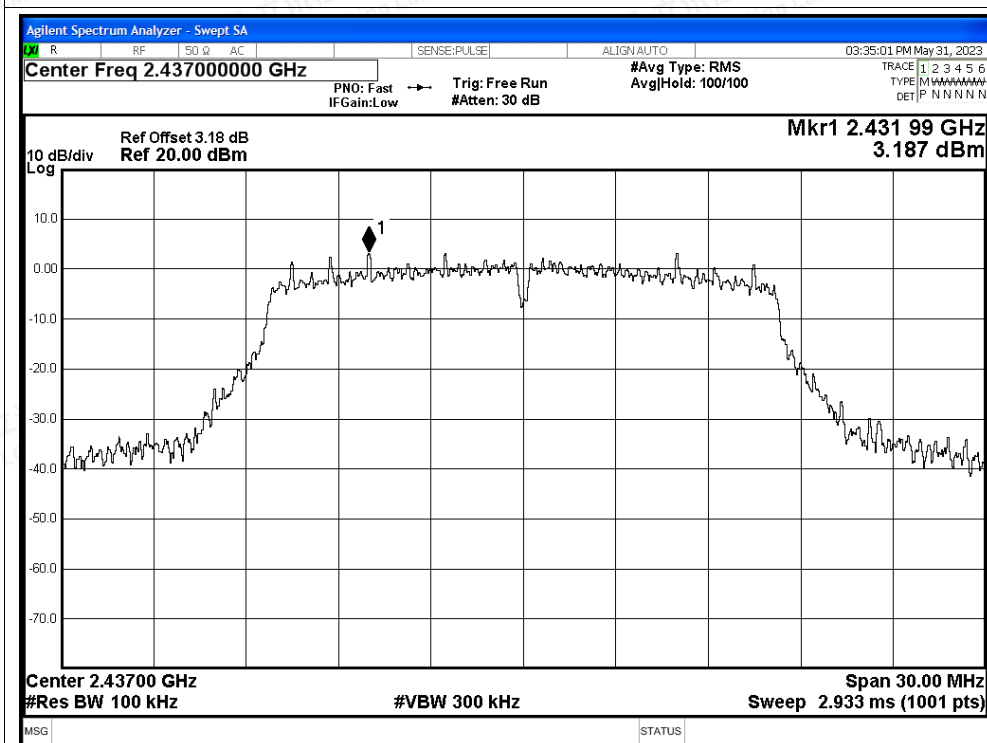


## Tx. Spurious NVNT g 2412MHz Ant0 Emission

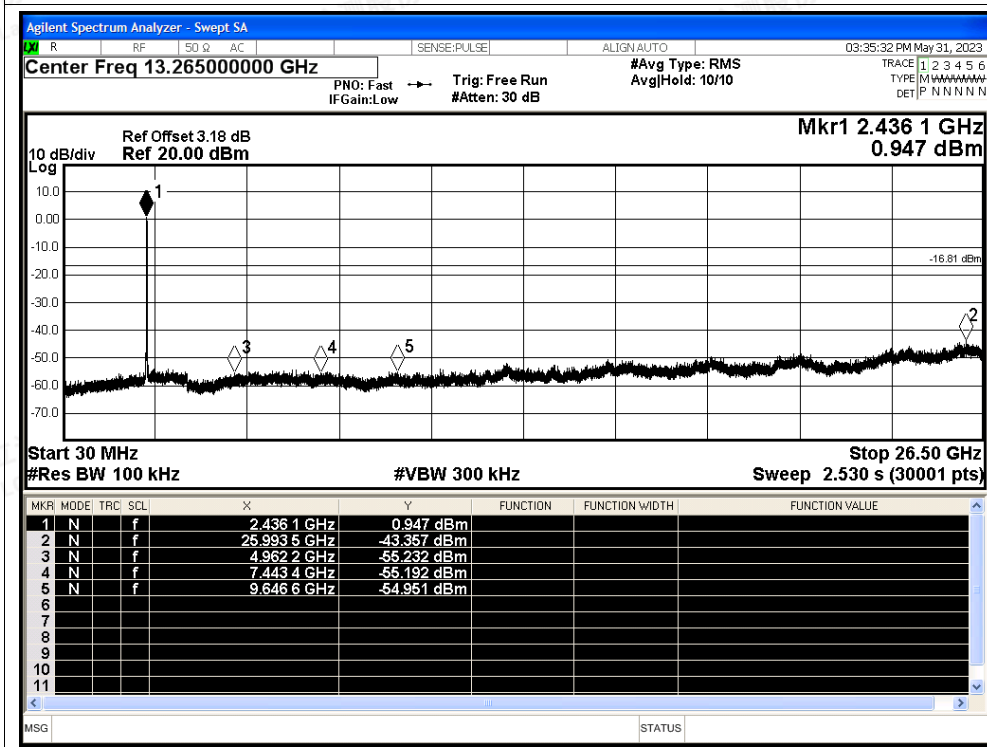




## Tx. Spurious NVNT g 2437MHz Ant0 Ref

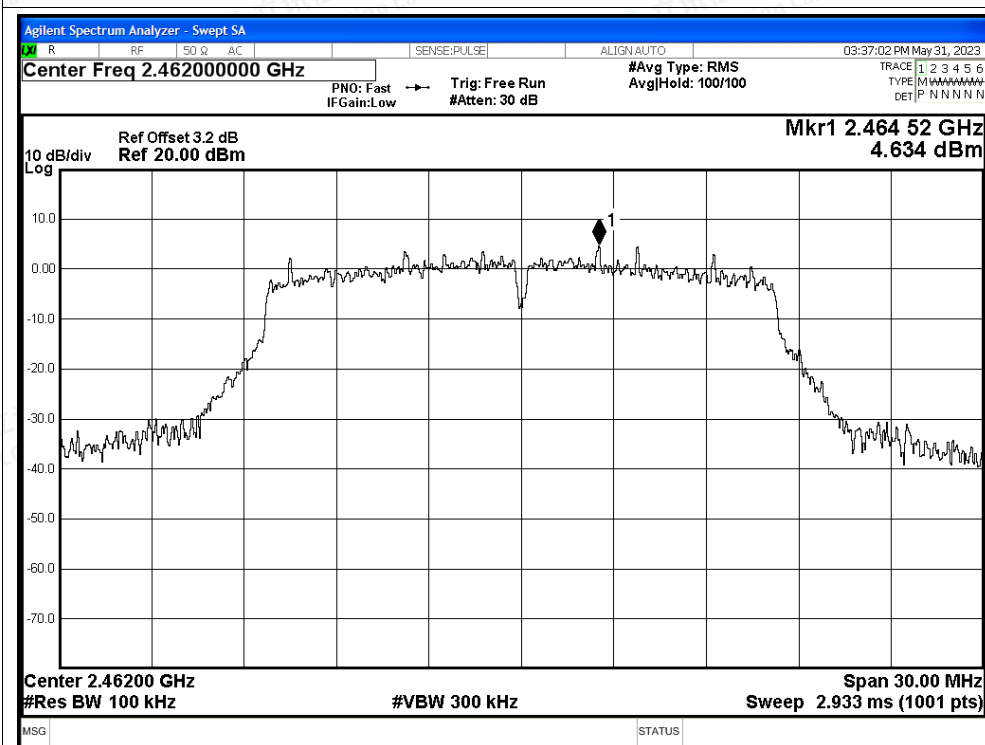


## Tx. Spurious NVNT g 2437MHz Ant0 Emission

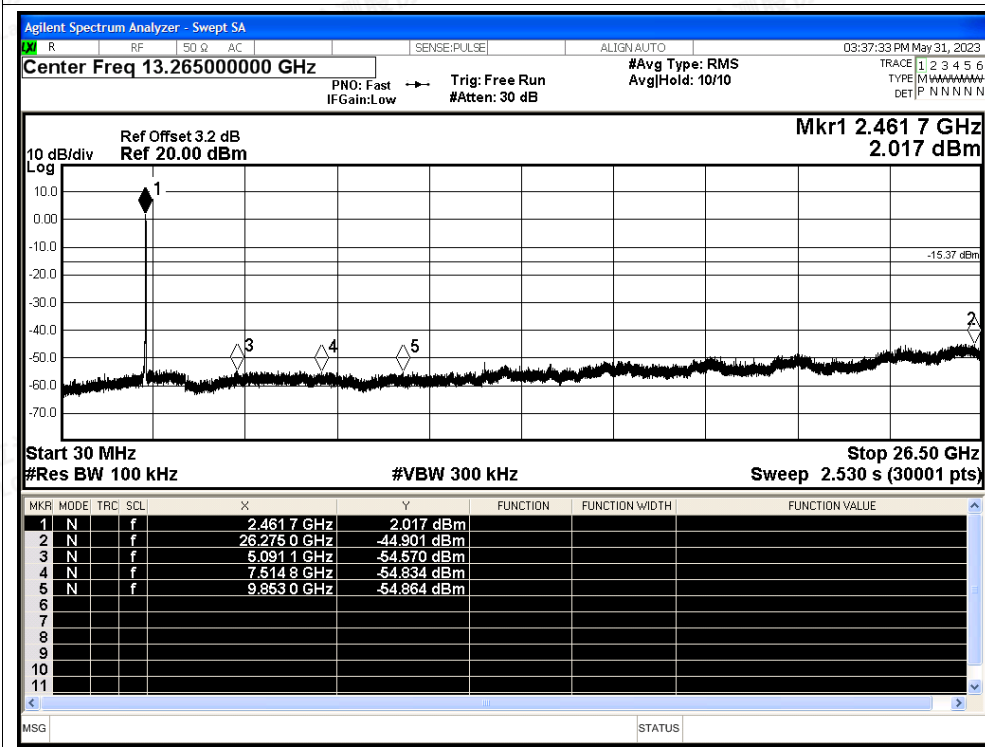




## Tx. Spurious NVNT g 2462MHz Ant0 Ref

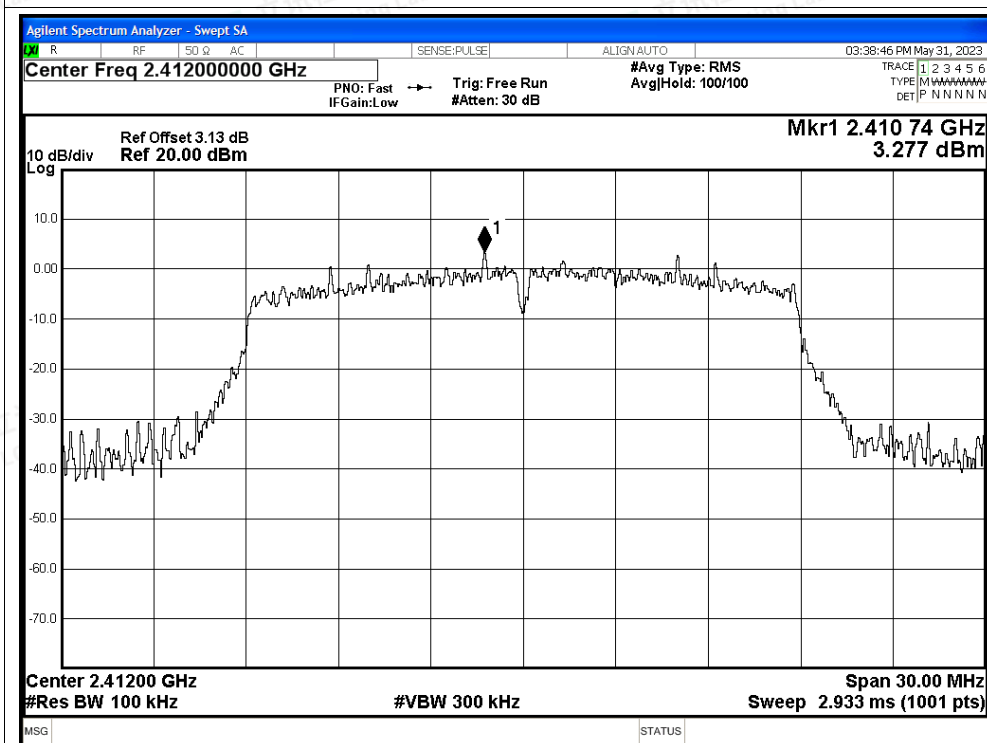


## Tx. Spurious NVNT g 2462MHz Ant0 Emission

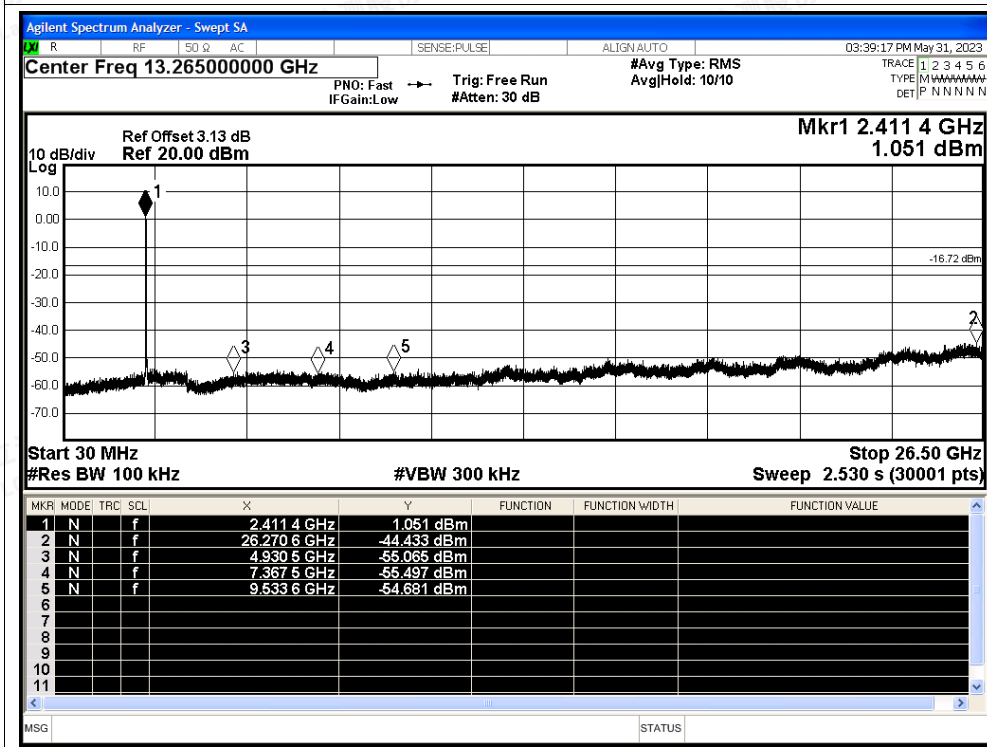




## Tx. Spurious NVNT n20 2412MHz Ant0 Ref

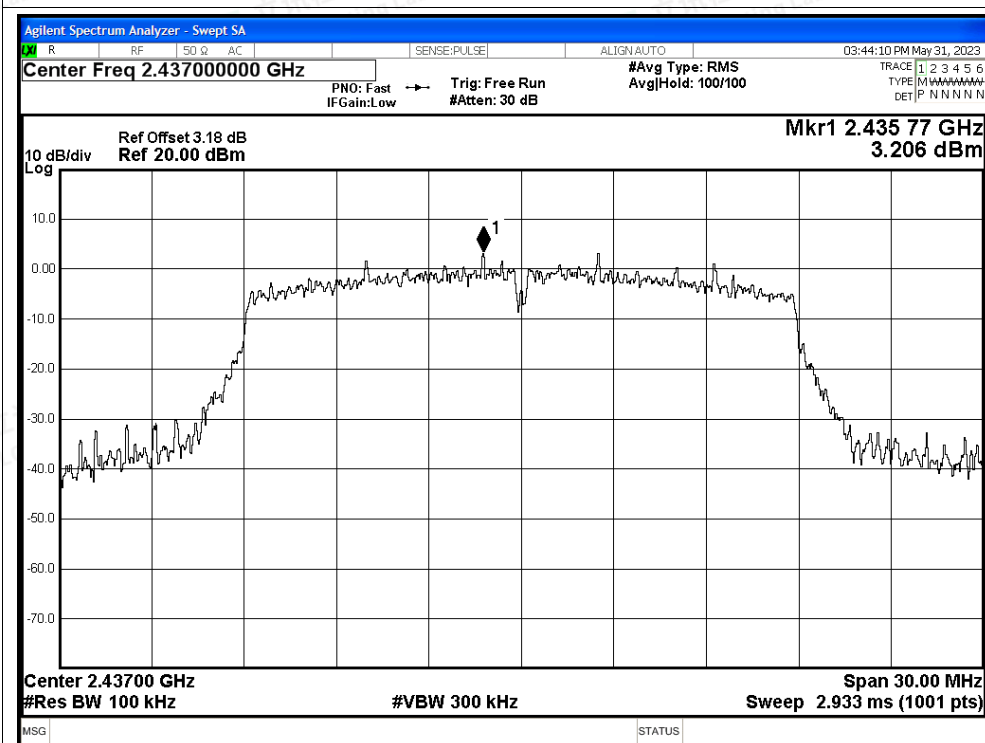


## Tx. Spurious NVNT n20 2412MHz Ant0 Emission

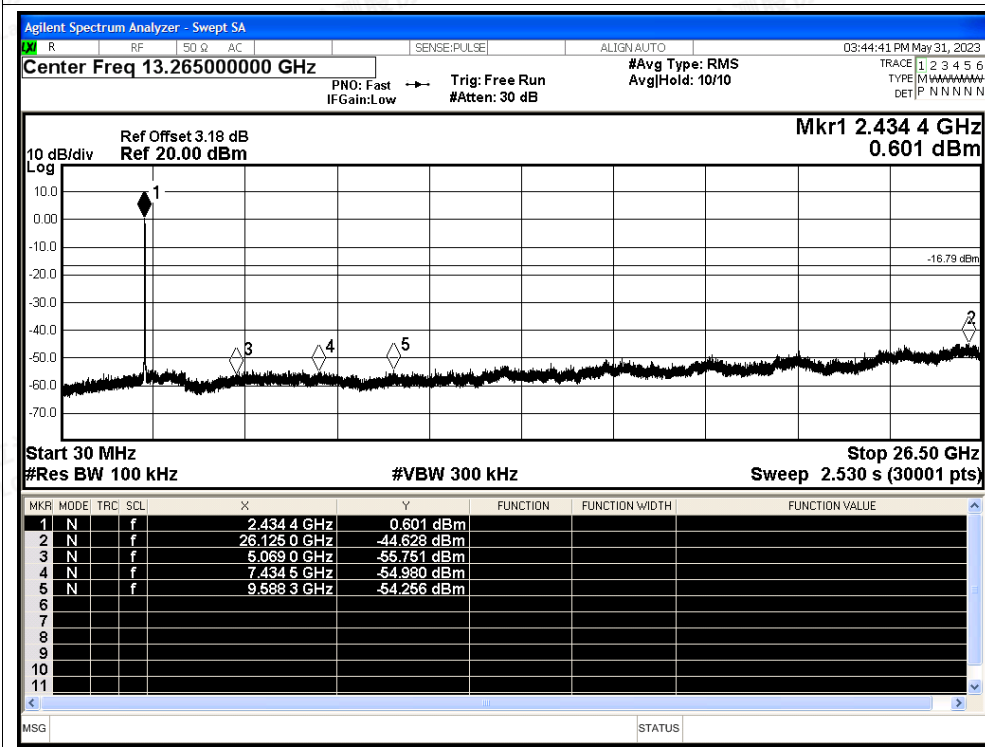




## Tx. Spurious NVNT n20 2437MHz Ant0 Ref

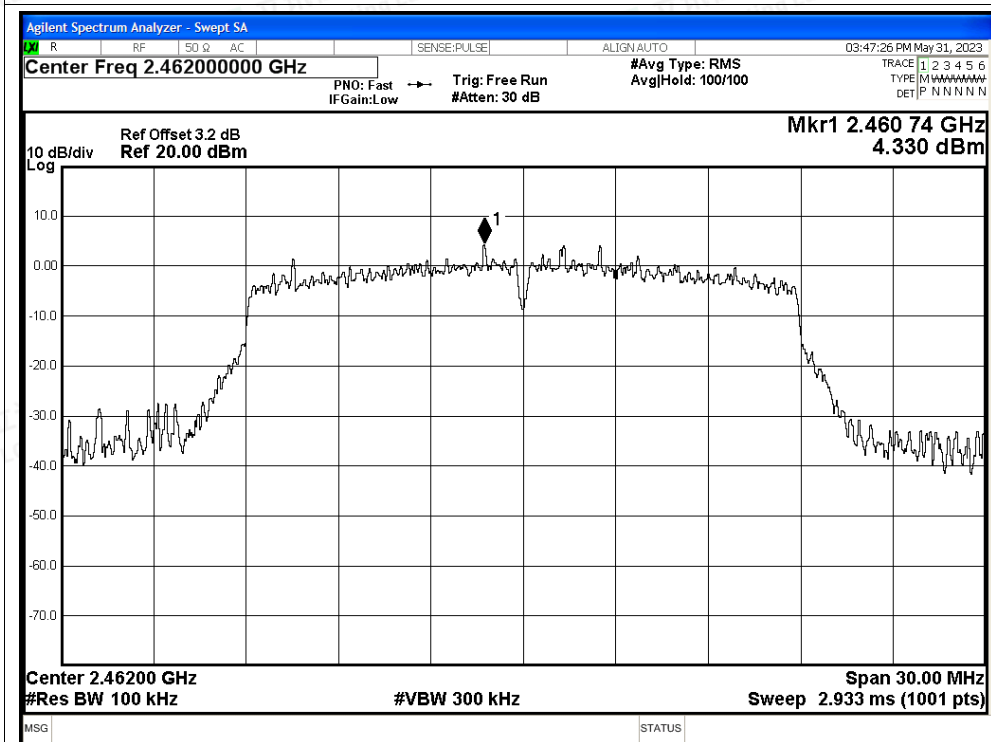


## Tx. Spurious NVNT n20 2437MHz Ant0 Emission

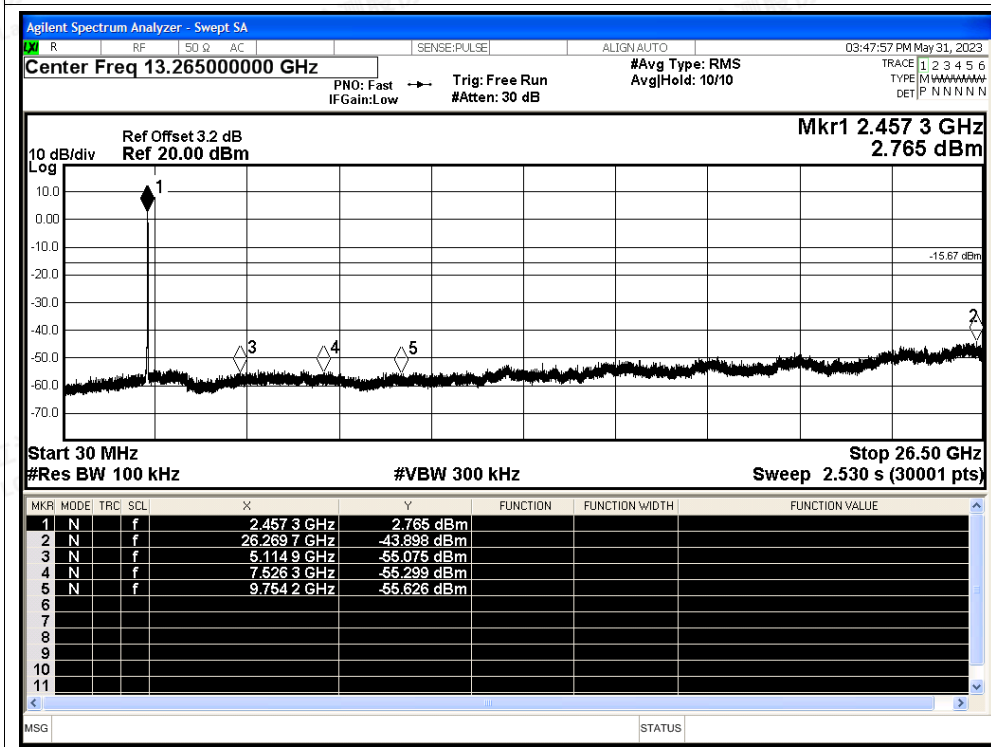




## Tx. Spurious NVNT n20 2462MHz Ant0 Ref

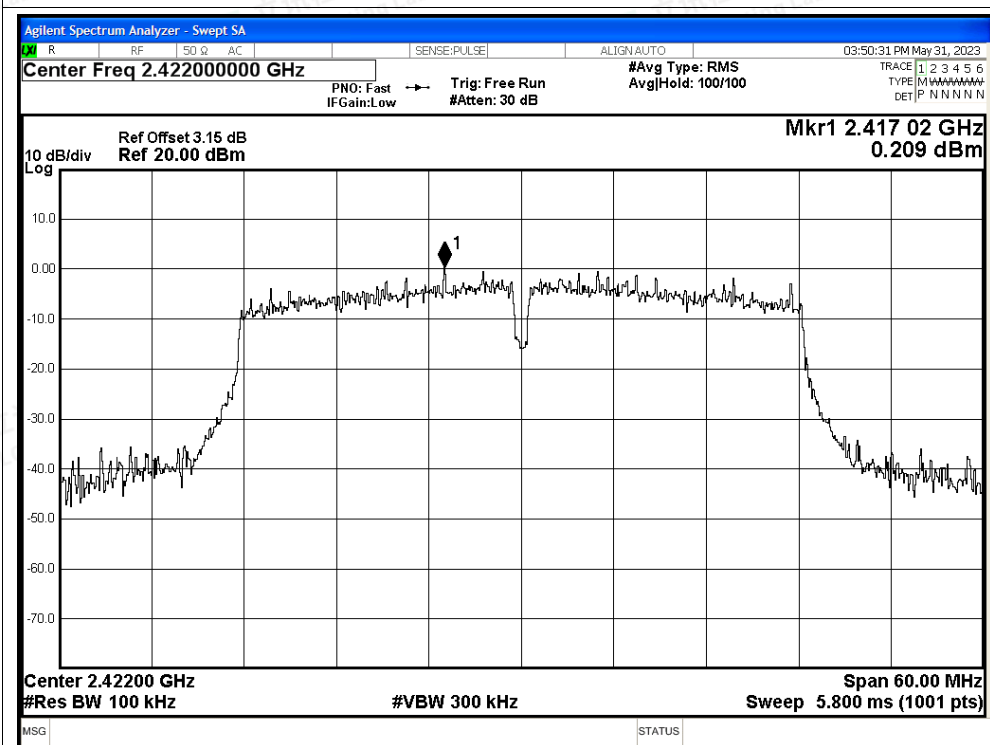


## Tx. Spurious NVNT n20 2462MHz Ant0 Emission

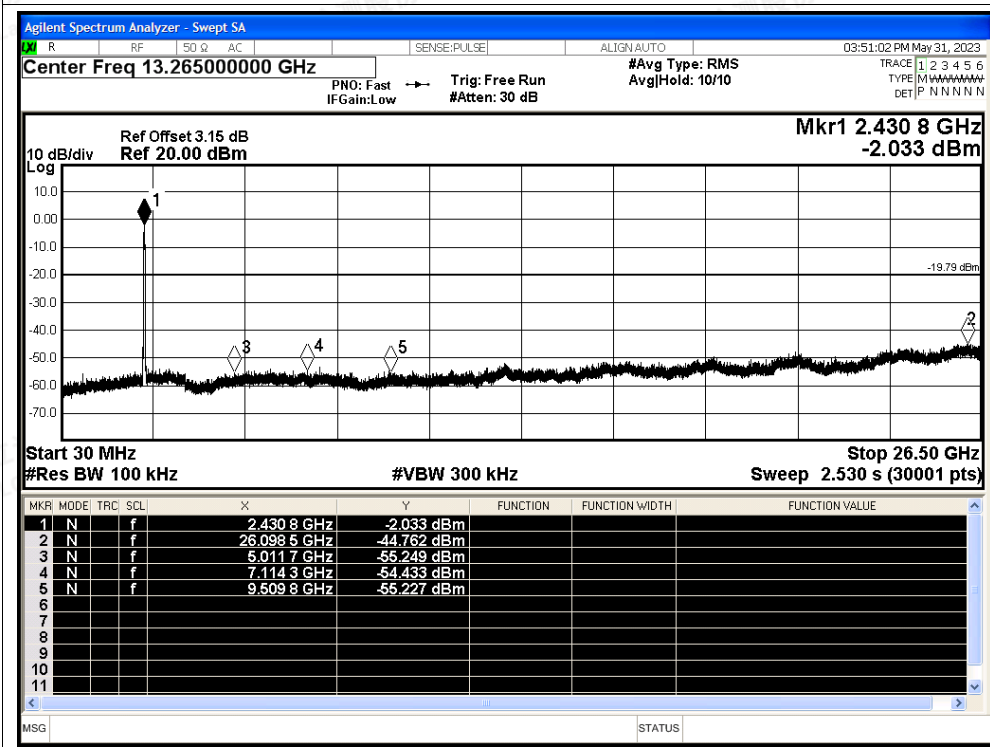




## Tx. Spurious NVNT n40 2422MHz Ant0 Ref

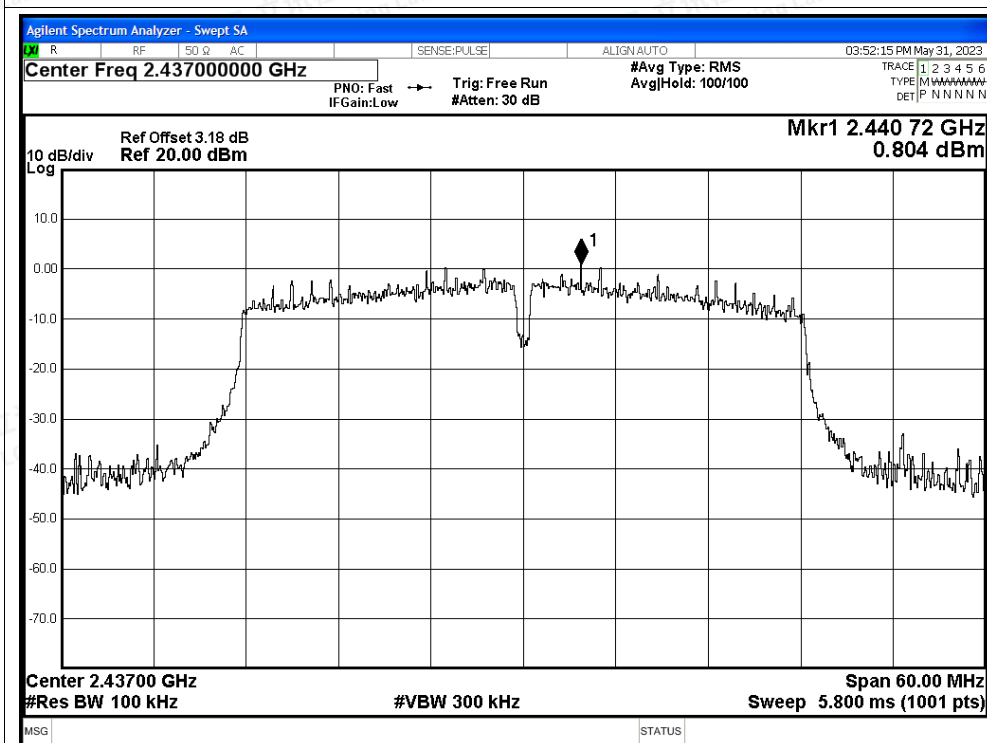


## Tx. Spurious NVNT n40 2422MHz Ant0 Emission

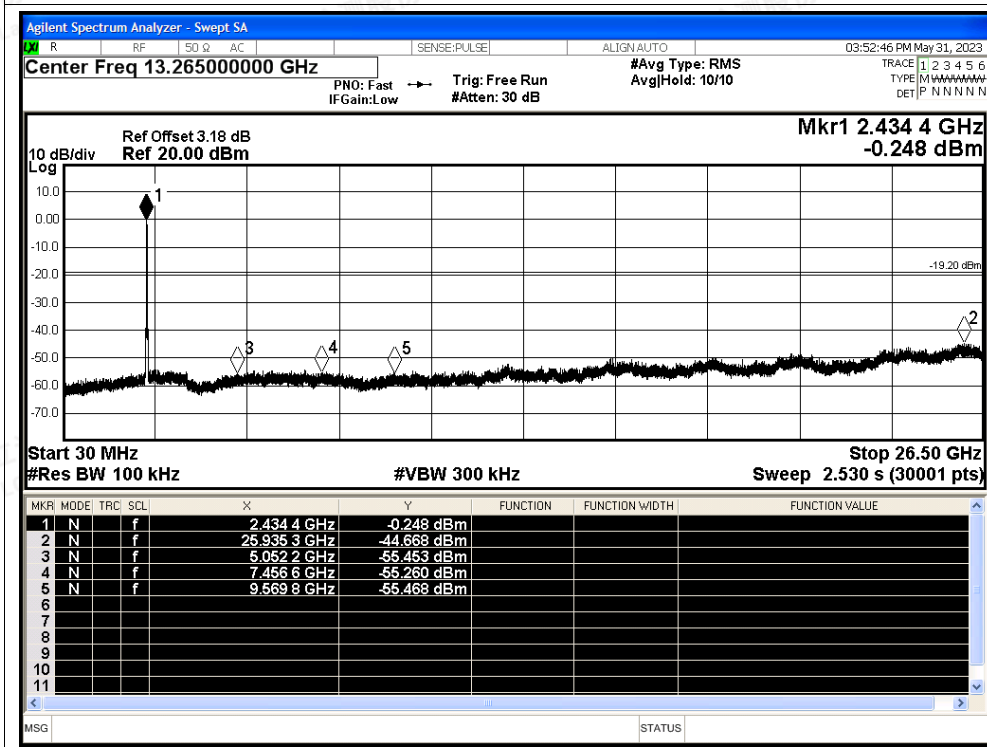




## Tx. Spurious NVNT n40 2437MHz Ant0 Ref

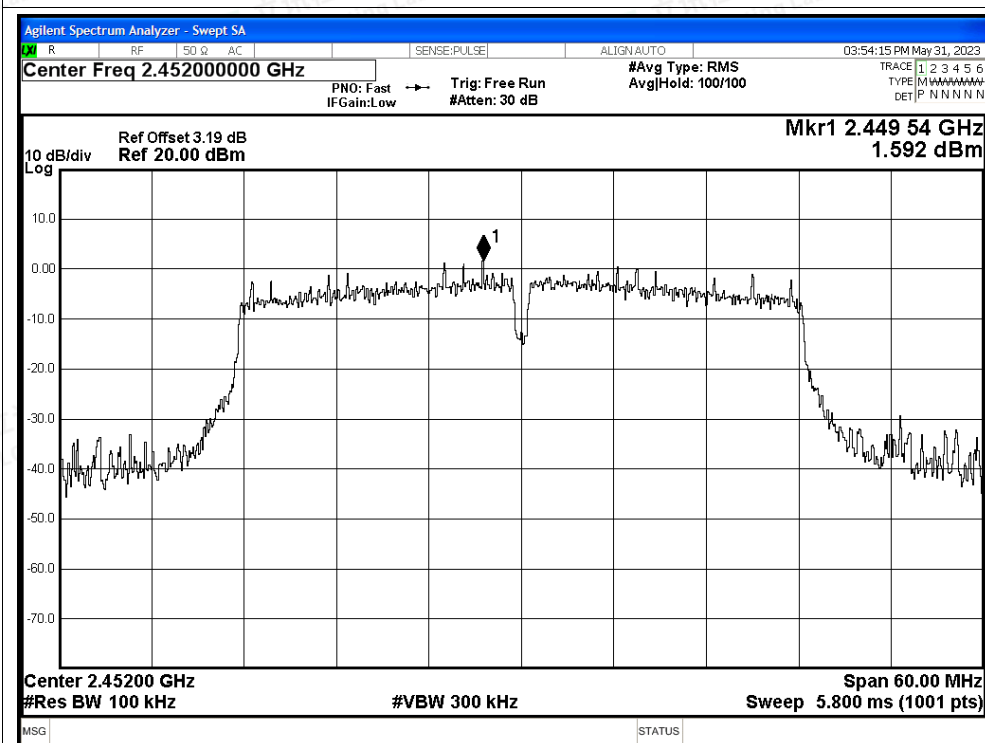


## Tx. Spurious NVNT n40 2437MHz Ant0 Emission

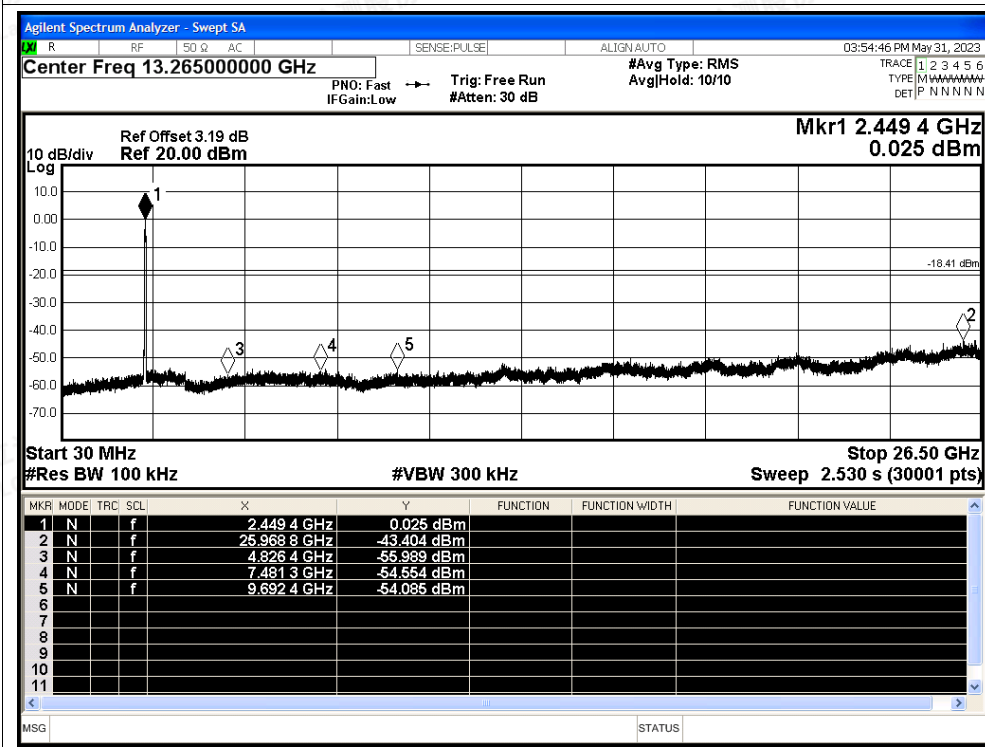




## Tx. Spurious NVNT n40 2452MHz Ant0 Ref



## Tx. Spurious NVNT n40 2452MHz Ant0 Emission





| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -52.39          | -20         | Pass    |
| NVNT      | b    | 2437            | Ant1    | -53.23          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -52.32          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -47.1           | -20         | Pass    |
| NVNT      | g    | 2437            | Ant1    | -47.41          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -49.48          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -45.35          | -20         | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -47.32          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -47.53          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -44.93          | -20         | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -45.57          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -46.43          | -20         | Pass    |

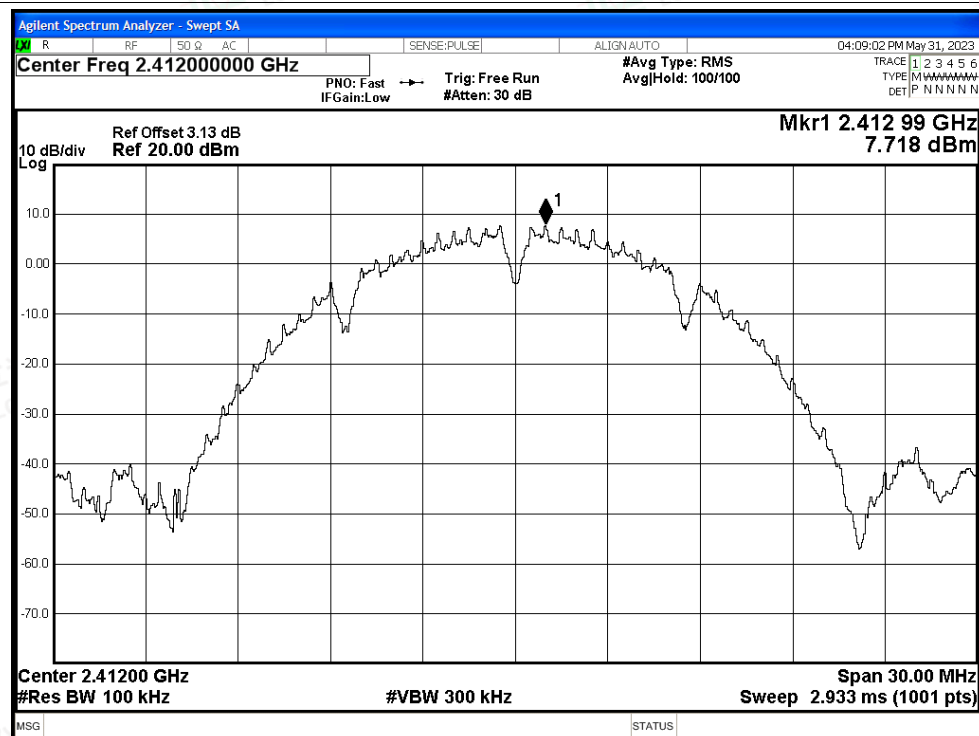


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Scan code to check authenticity

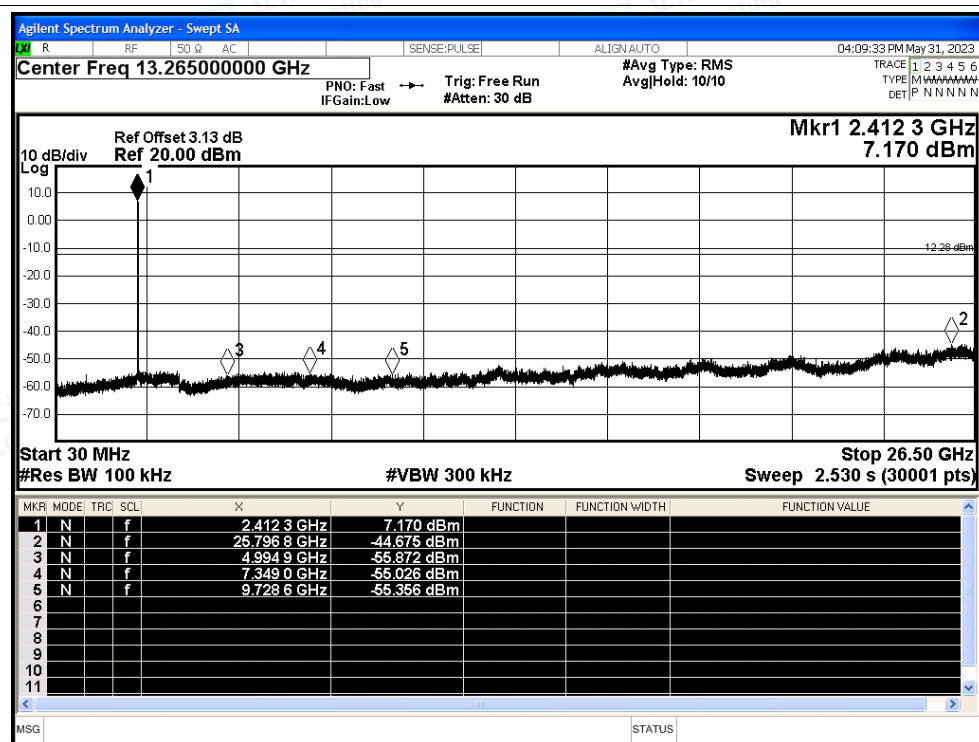


## Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref

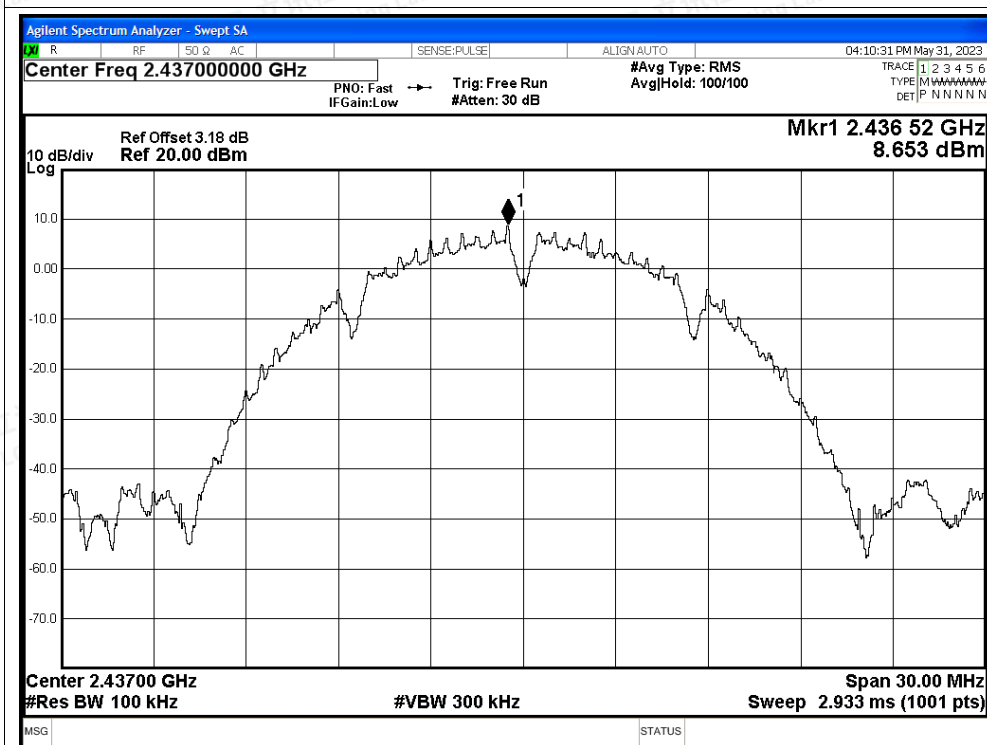


Tx. Spurious NVNT b 2412MHz Ant1 Emission

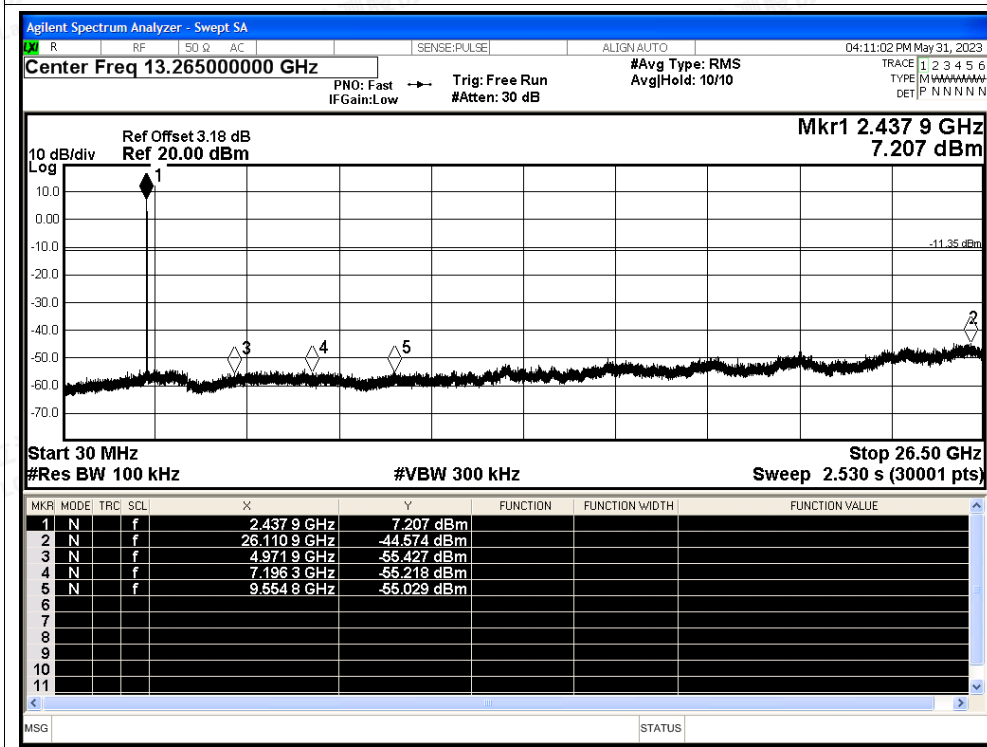




## Tx. Spurious NVNT b 2437MHz Ant1 Ref

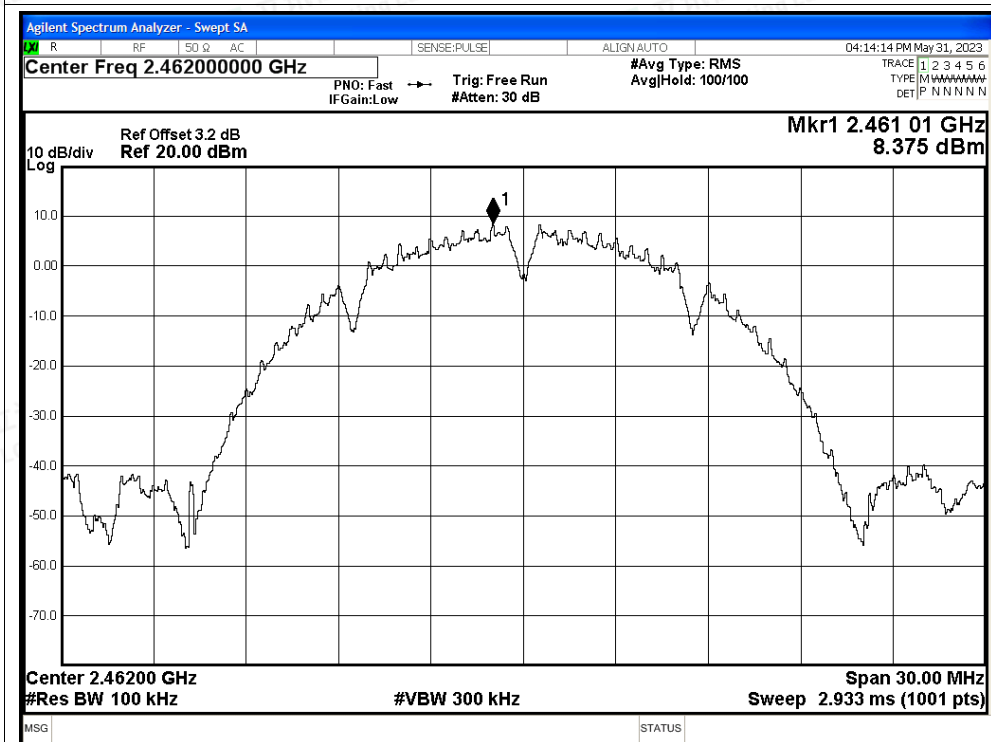


## Tx. Spurious NVNT b 2437MHz Ant1 Emission

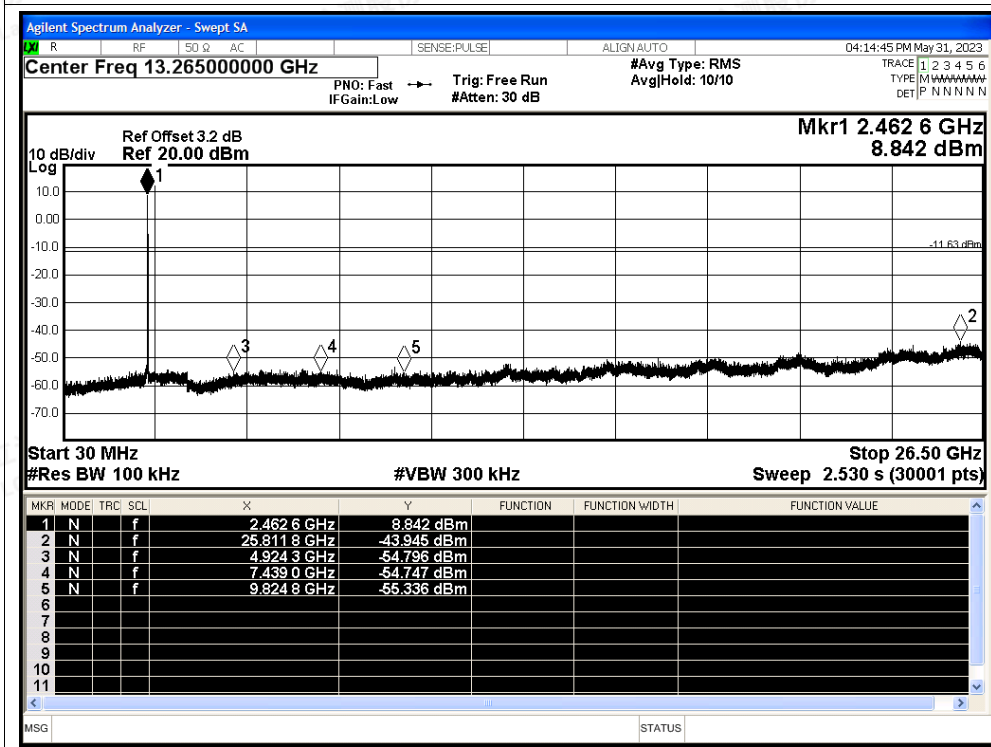




## Tx. Spurious NVNT b 2462MHz Ant1 Ref

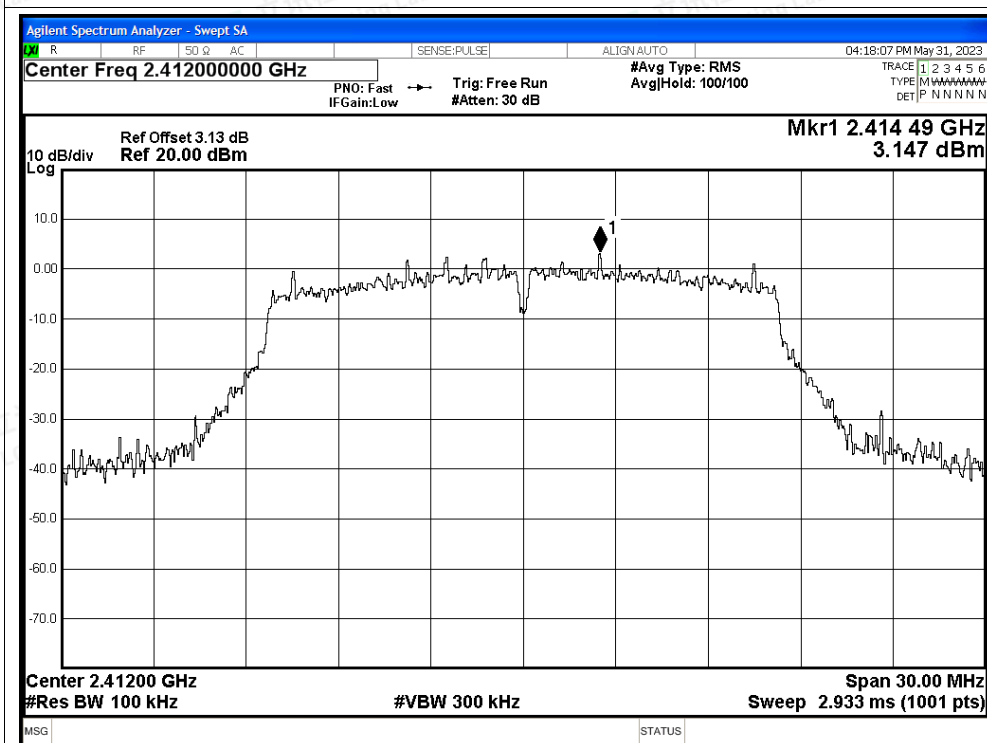


## Tx. Spurious NVNT b 2462MHz Ant1 Emission

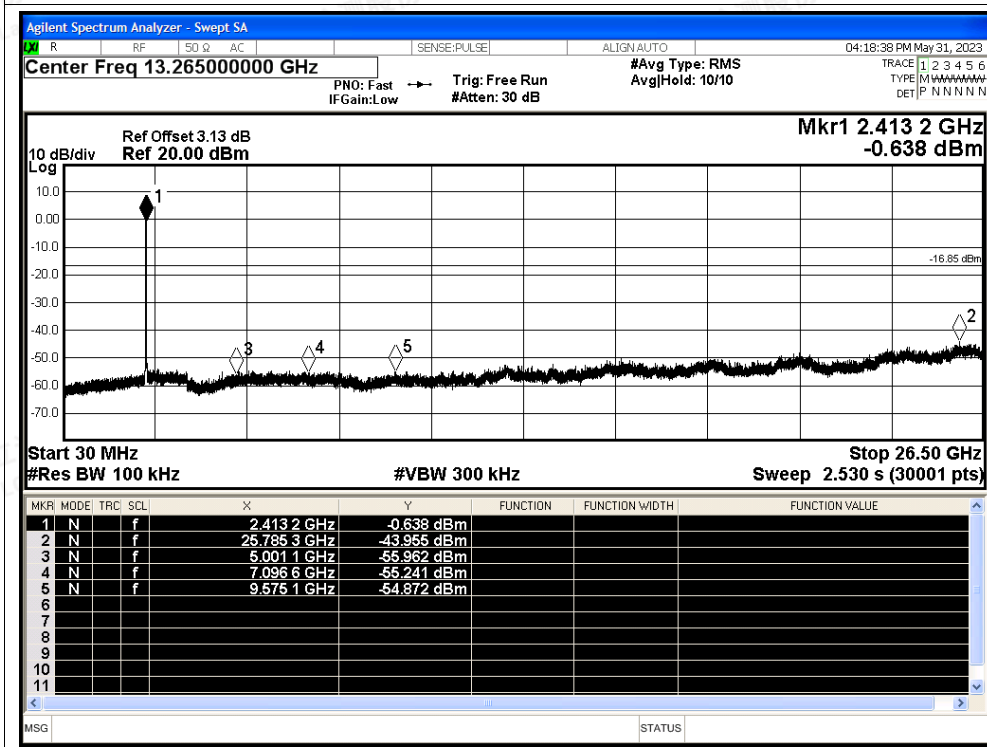




## Tx. Spurious NVNT g 2412MHz Ant1 Ref

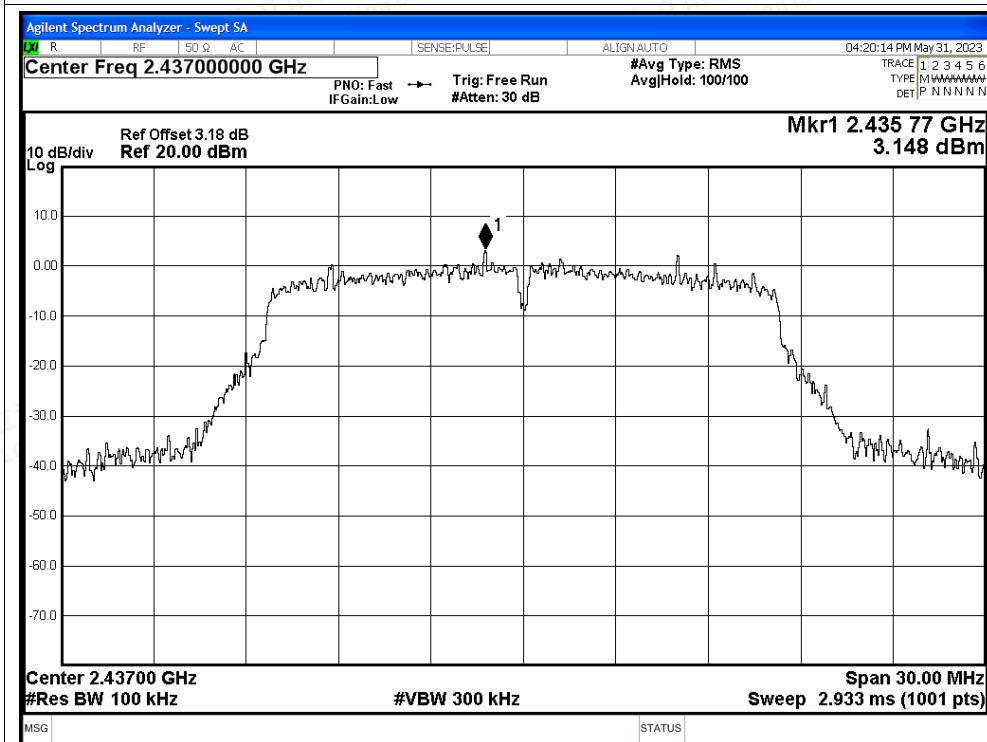


## Tx. Spurious NVNT g 2412MHz Ant1 Emission

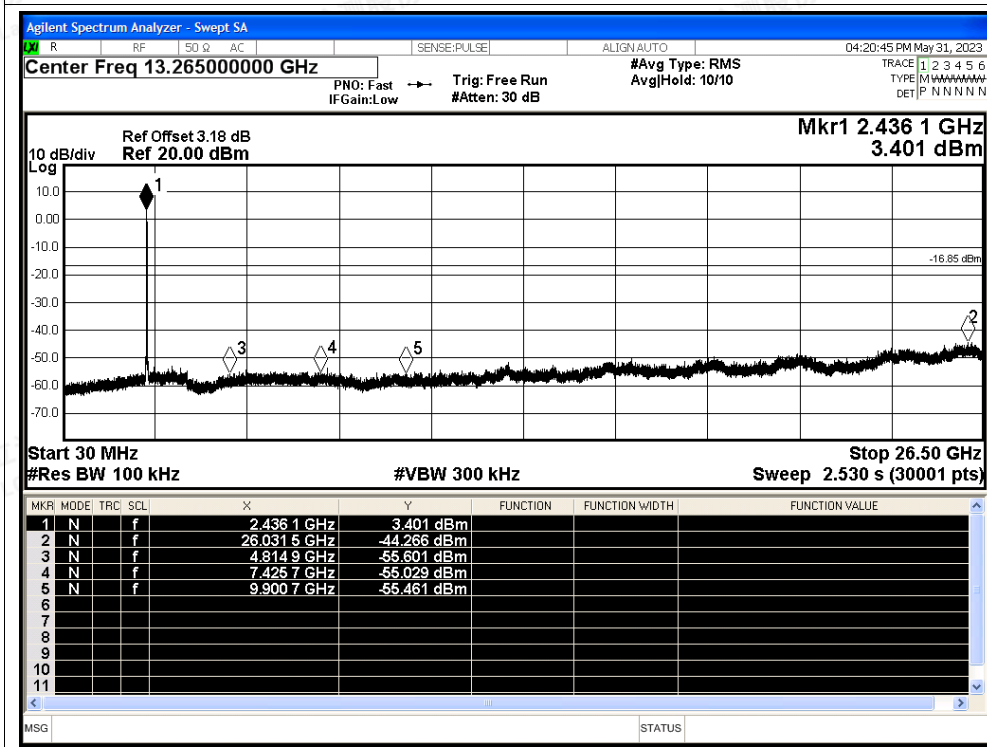




## Tx. Spurious NVNT g 2437MHz Ant1 Ref

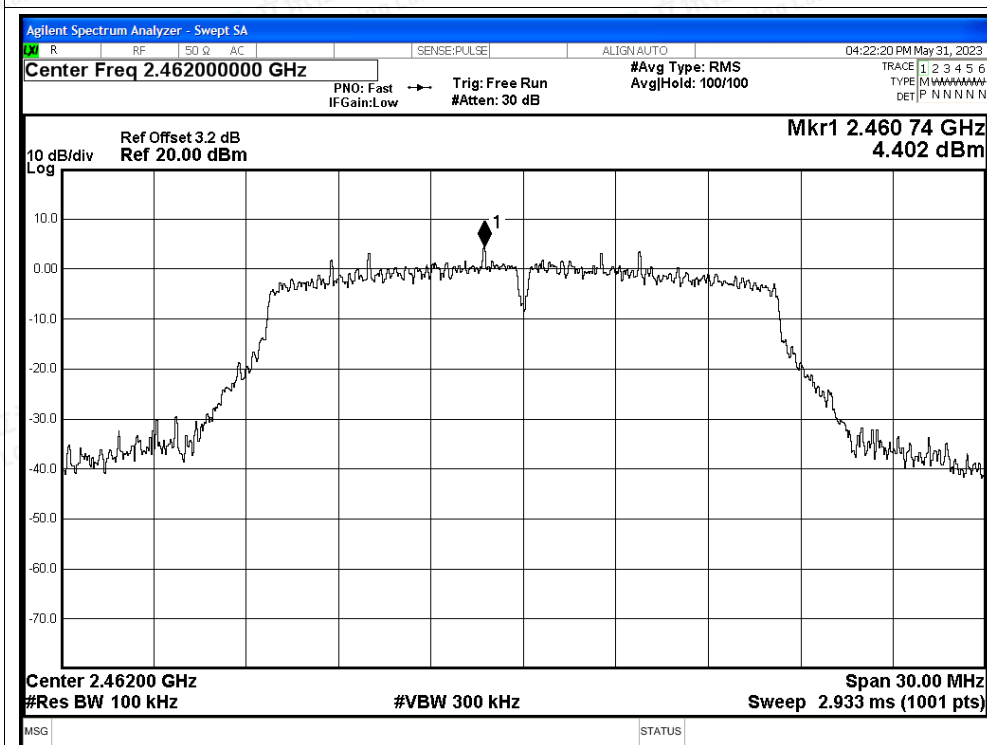


## Tx. Spurious NVNT g 2437MHz Ant1 Emission

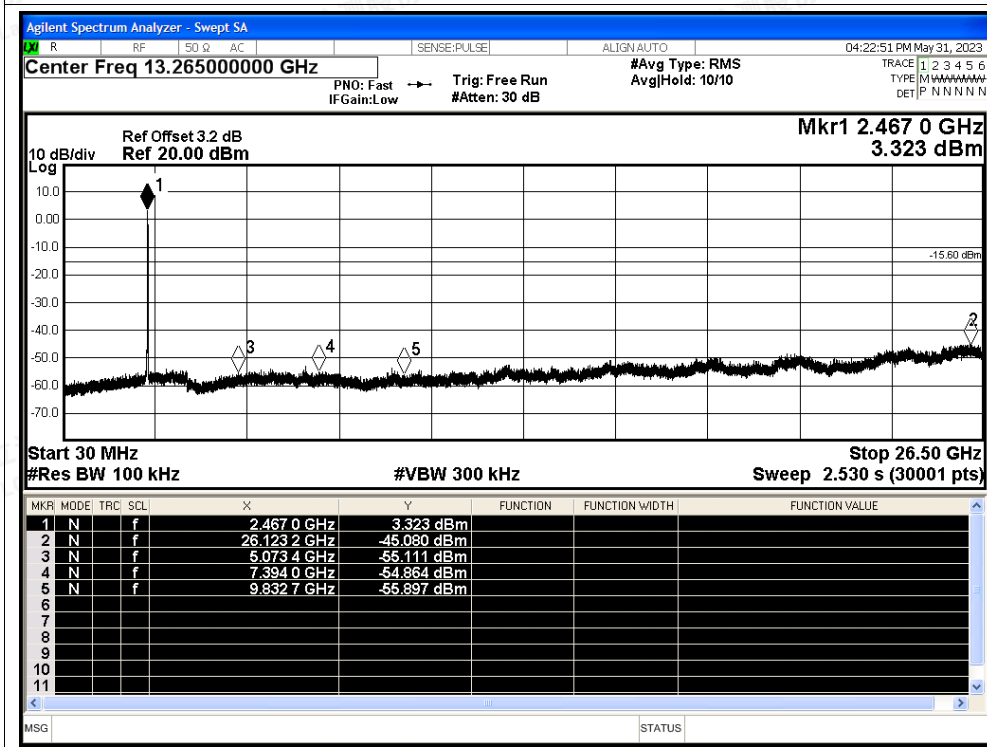




## Tx. Spurious NVNT g 2462MHz Ant1 Ref

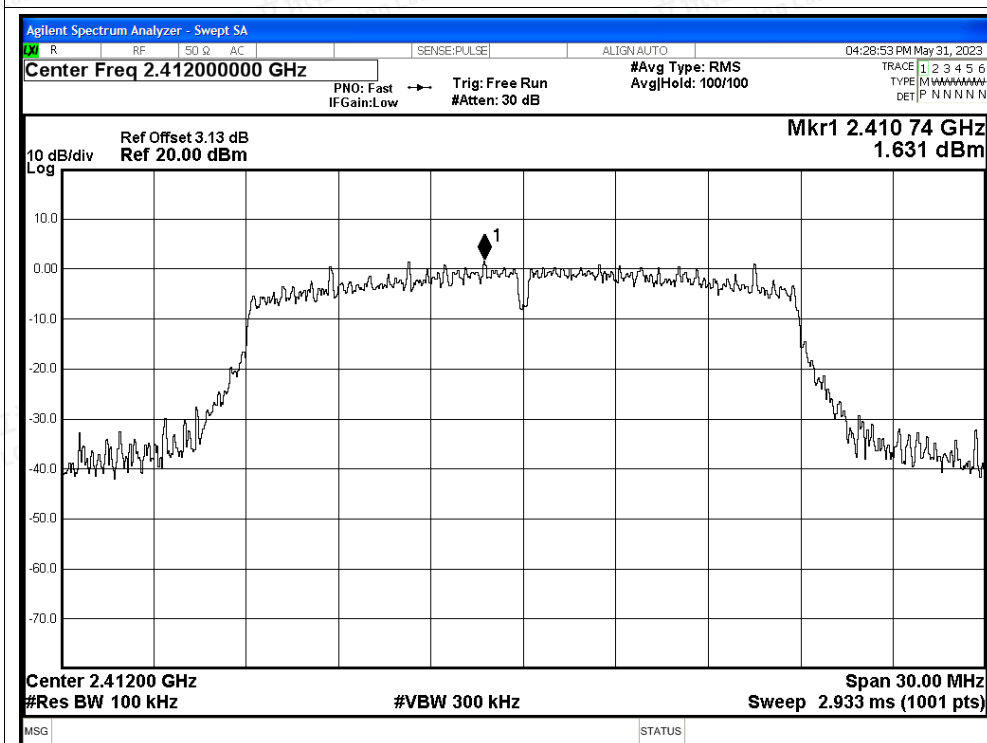


## Tx. Spurious NVNT g 2462MHz Ant1 Emission

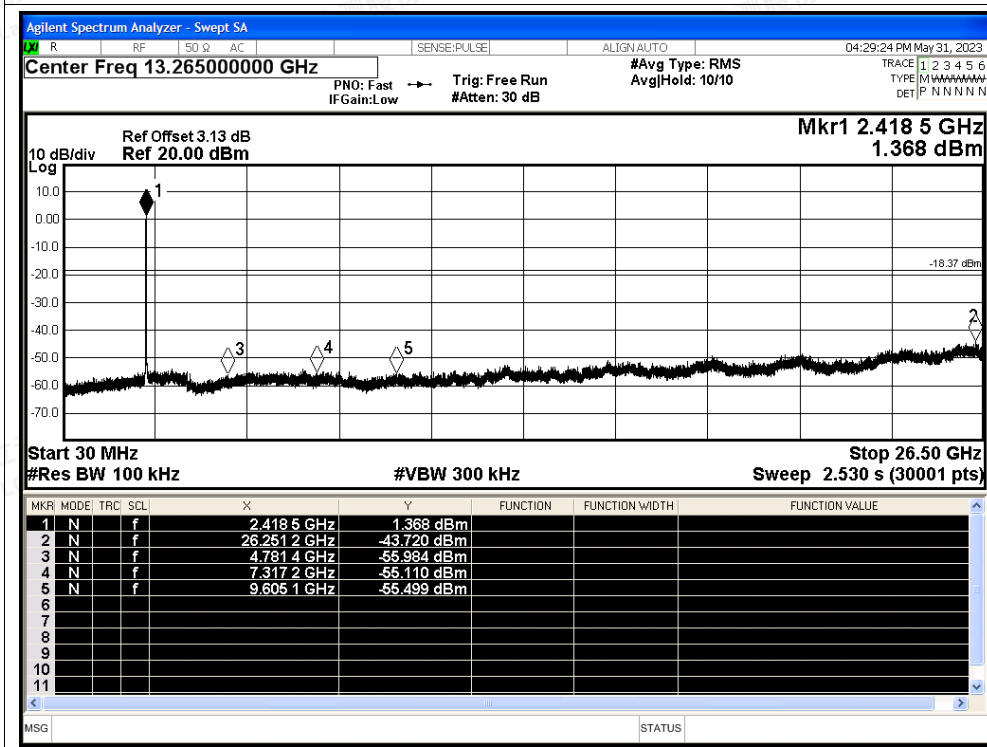




## Tx. Spurious NVNT n20 2412MHz Ant1 Ref

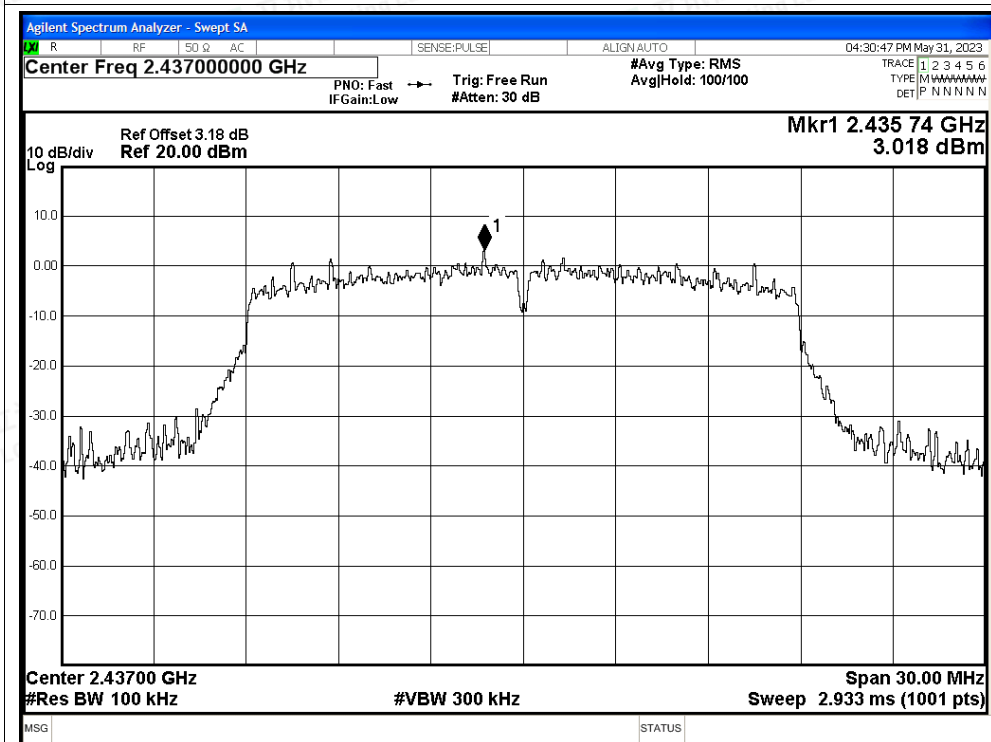


## Tx. Spurious NVNT n20 2412MHz Ant1 Emission

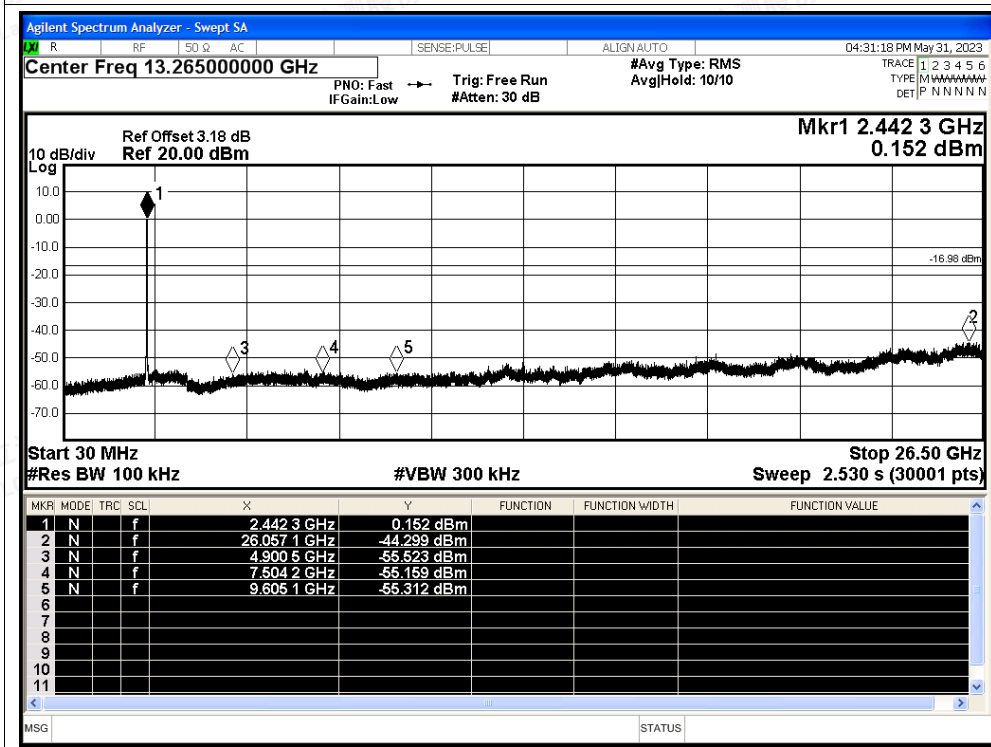




## Tx. Spurious NVNT n20 2437MHz Ant1 Ref

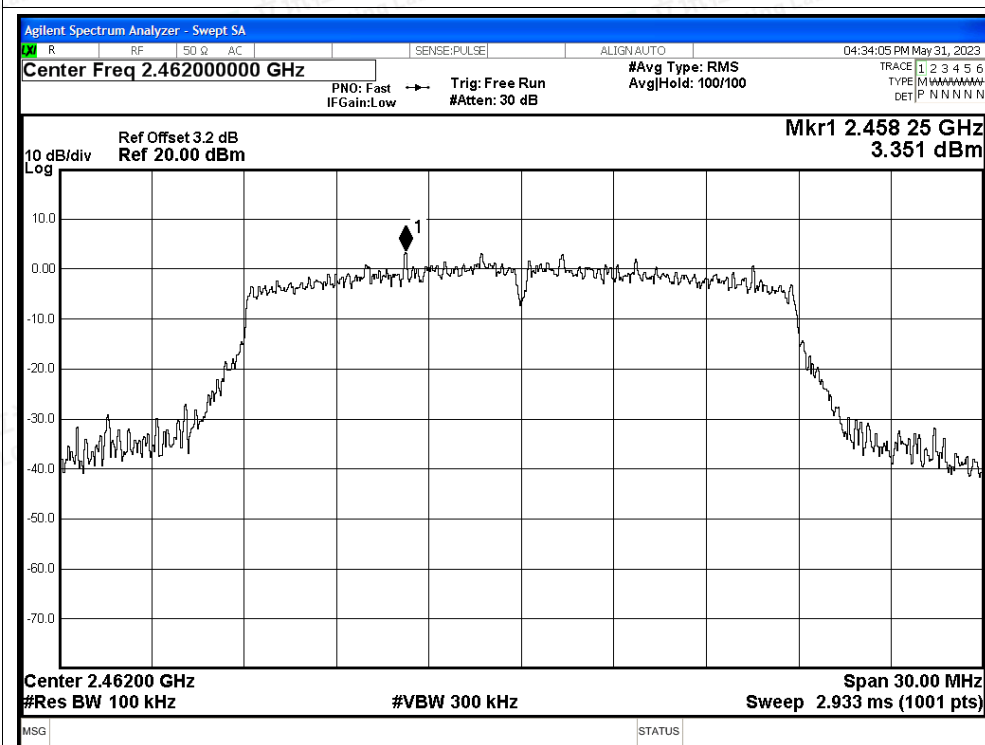


## Tx. Spurious NVNT n20 2437MHz Ant1 Emission

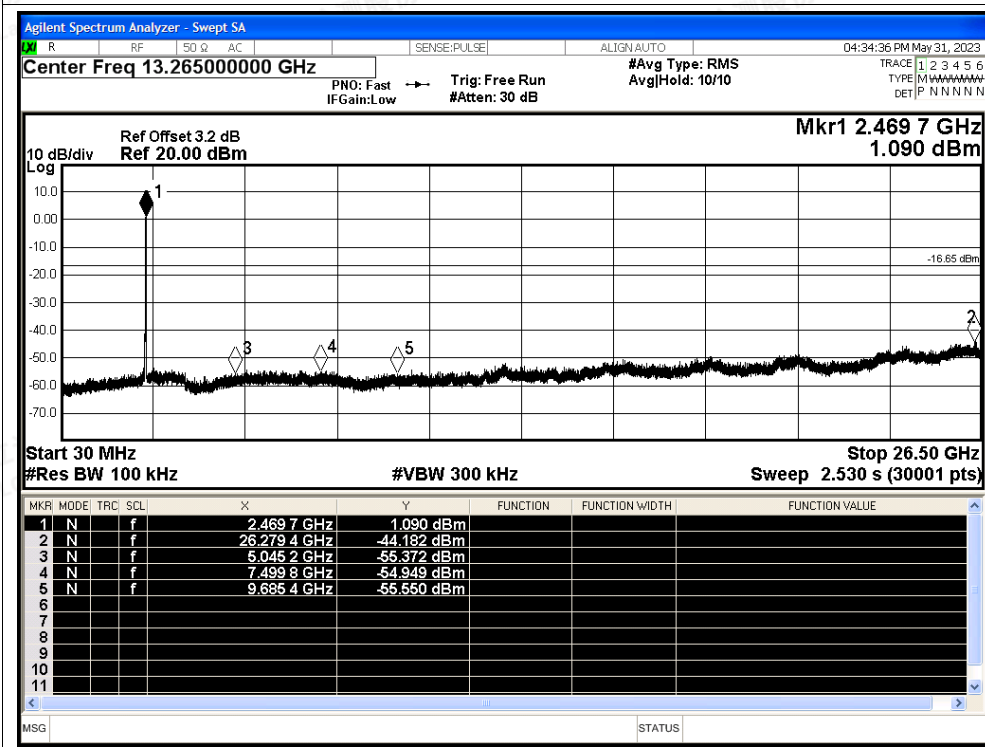




## Tx. Spurious NVNT n20 2462MHz Ant1 Ref

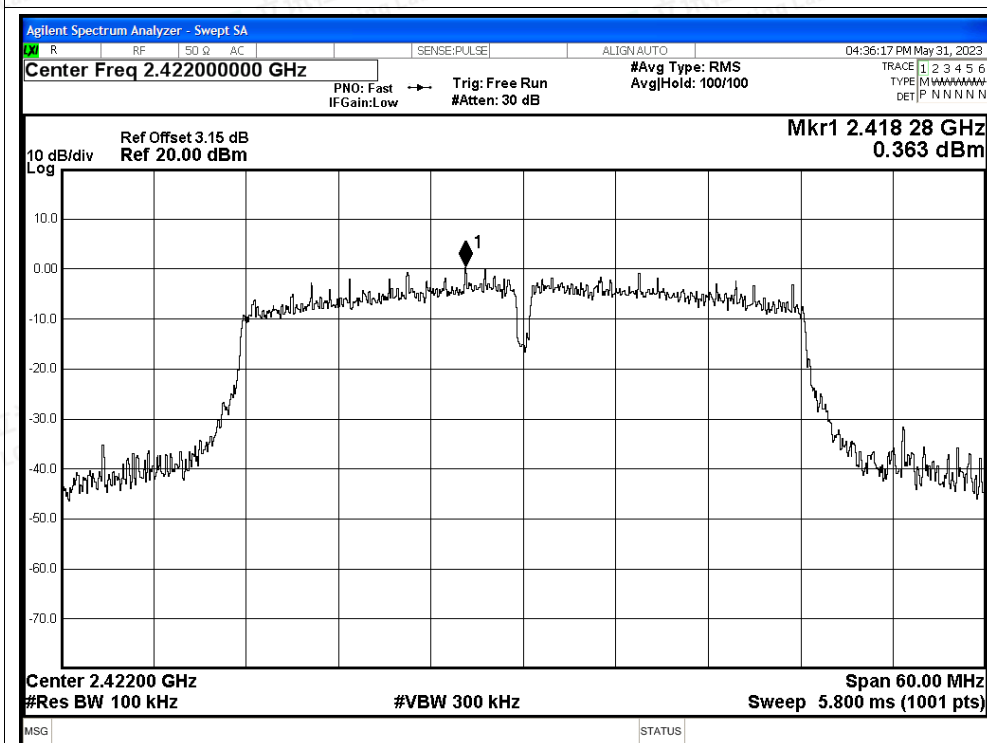


## Tx. Spurious NVNT n20 2462MHz Ant1 Emission

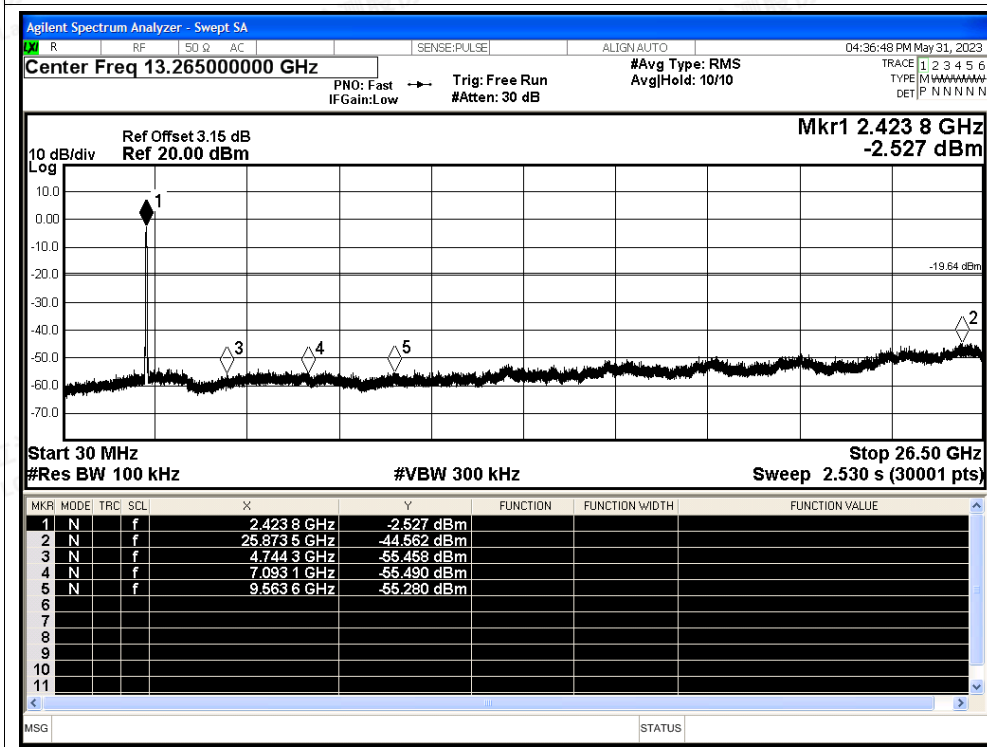




## Tx. Spurious NVNT n40 2422MHz Ant1 Ref

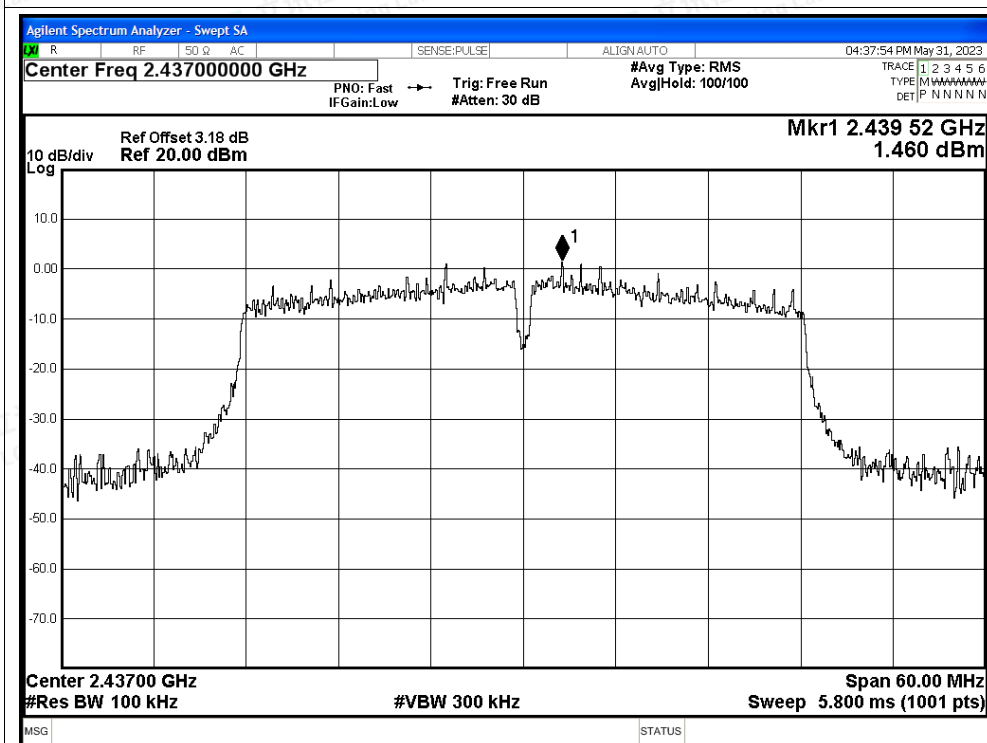


## Tx. Spurious NVNT n40 2422MHz Ant1 Emission

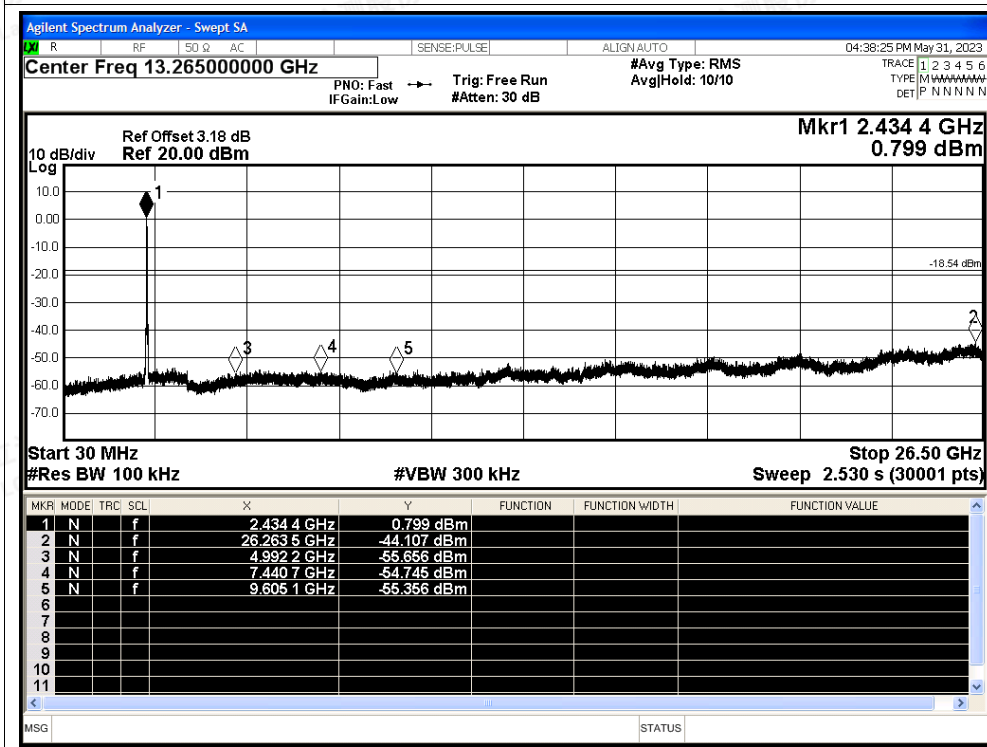




## Tx. Spurious NVNT n40 2437MHz Ant1 Ref

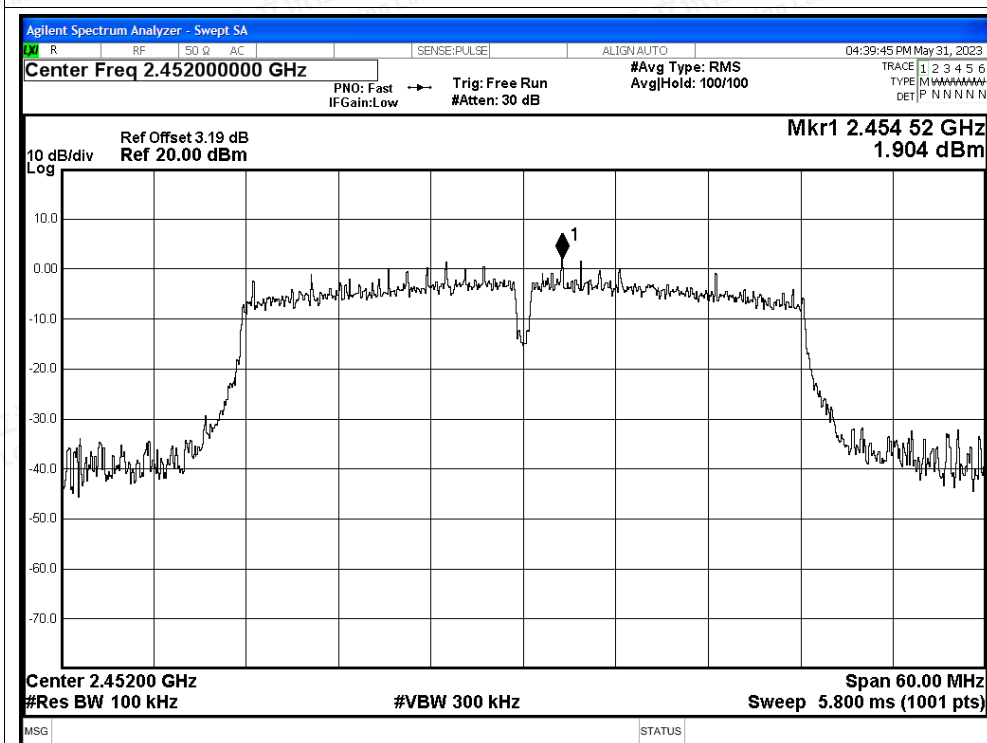


## Tx. Spurious NVNT n40 2437MHz Ant1 Emission

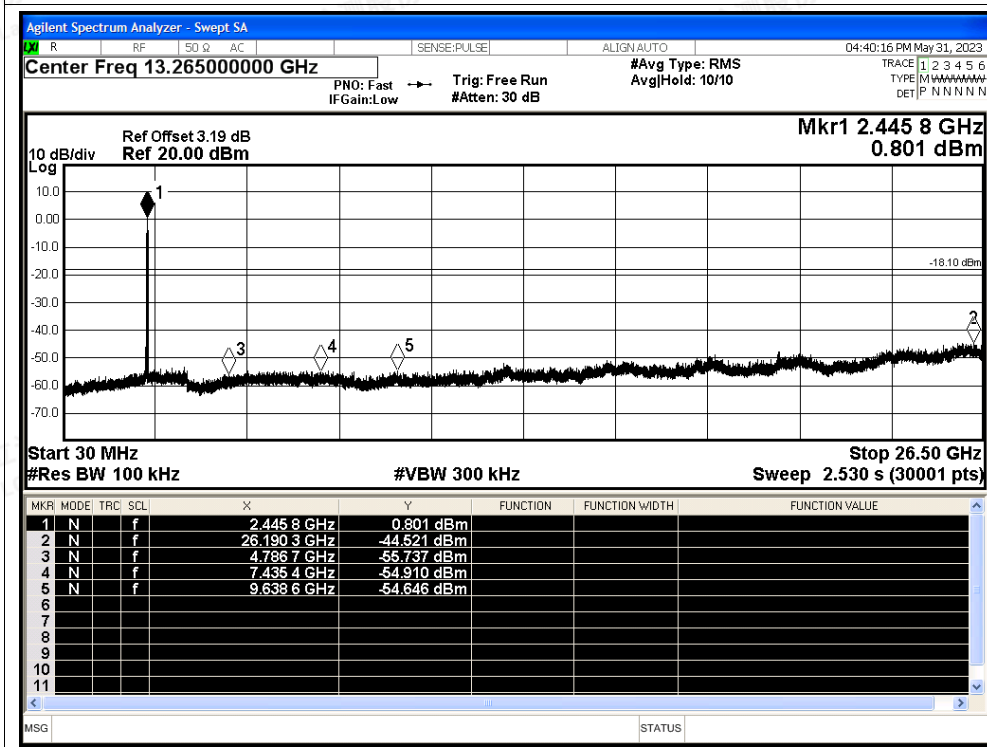




## Tx. Spurious NVNT n40 2452MHz Ant1 Ref



## Tx. Spurious NVNT n40 2452MHz Ant1 Emission





## B.6 Duty Cycle

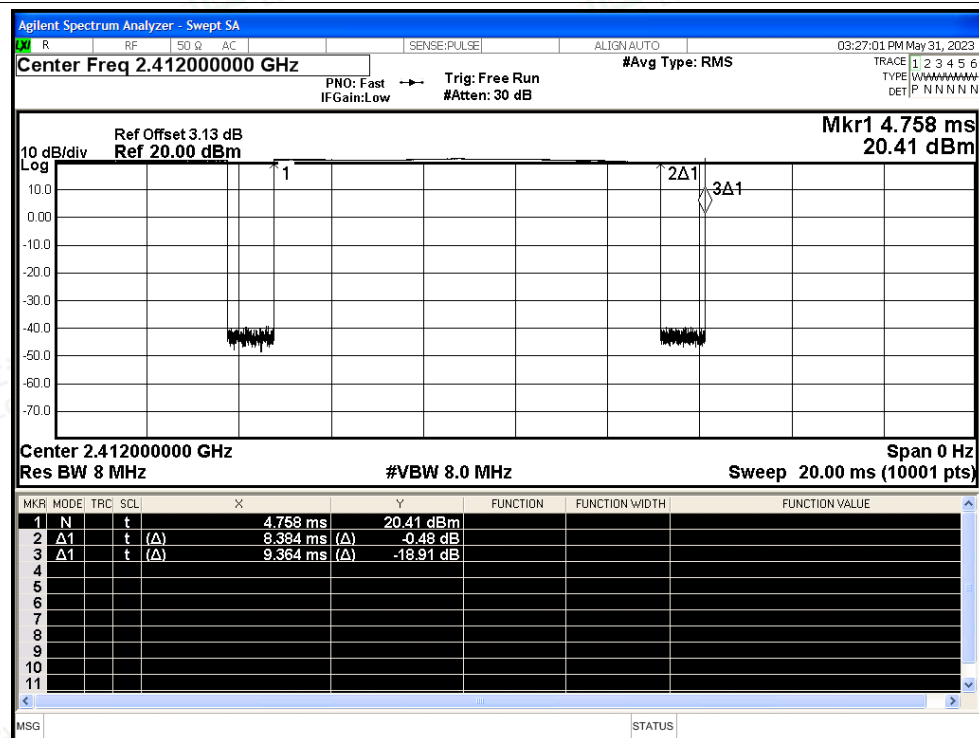
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | b    | 2412            | Ant0    | 89.53          | 0.48                   | 0.12      |
| NVNT      | b    | 2437            | Ant0    | 88.59          | 0.53                   | 0.12      |
| NVNT      | b    | 2462            | Ant0    | 89.44          | 0.48                   | 0.12      |
| NVNT      | g    | 2412            | Ant0    | 58.49          | 2.33                   | 0.72      |
| NVNT      | g    | 2437            | Ant0    | 58.49          | 2.33                   | 0.72      |
| NVNT      | g    | 2462            | Ant0    | 55.15          | 2.58                   | 0.72      |
| NVNT      | n20  | 2412            | Ant0    | 54.52          | 2.63                   | 0.77      |
| NVNT      | n20  | 2437            | Ant0    | 54.85          | 2.61                   | 0.77      |
| NVNT      | n20  | 2462            | Ant0    | 56.33          | 2.49                   | 0.77      |
| NVNT      | n40  | 2422            | Ant0    | 37.79          | 4.23                   | 1.55      |
| NVNT      | n40  | 2437            | Ant0    | 39.53          | 4.03                   | 1.55      |
| NVNT      | n40  | 2452            | Ant0    | 37.3           | 4.28                   | 1.55      |



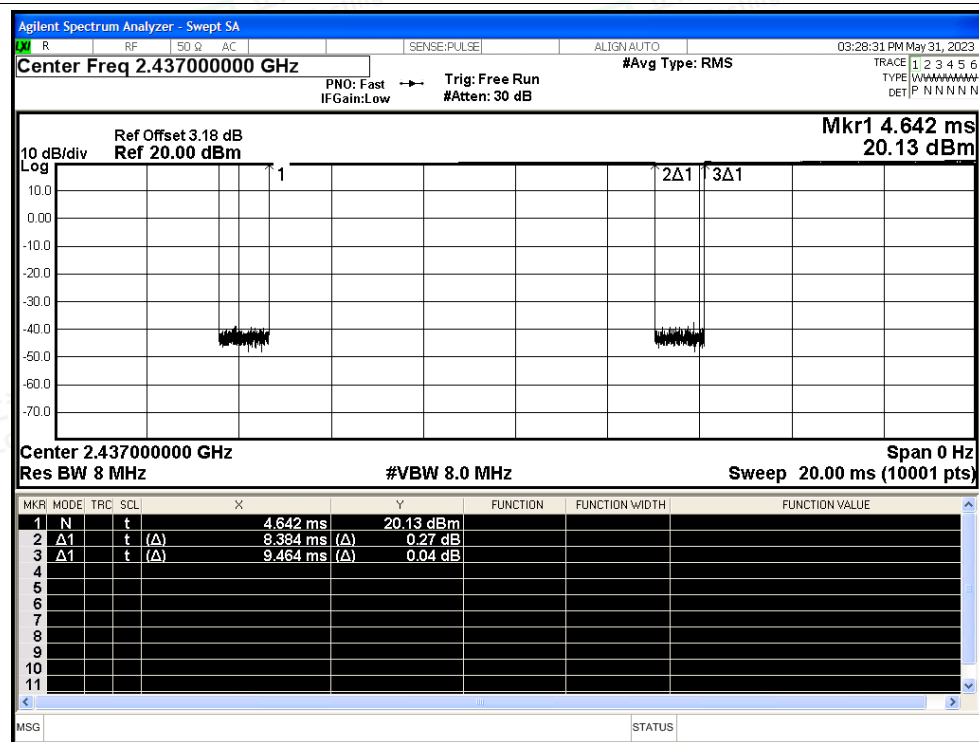


## Test Graphs

## Duty Cycle NVNT b 2412MHz Ant0

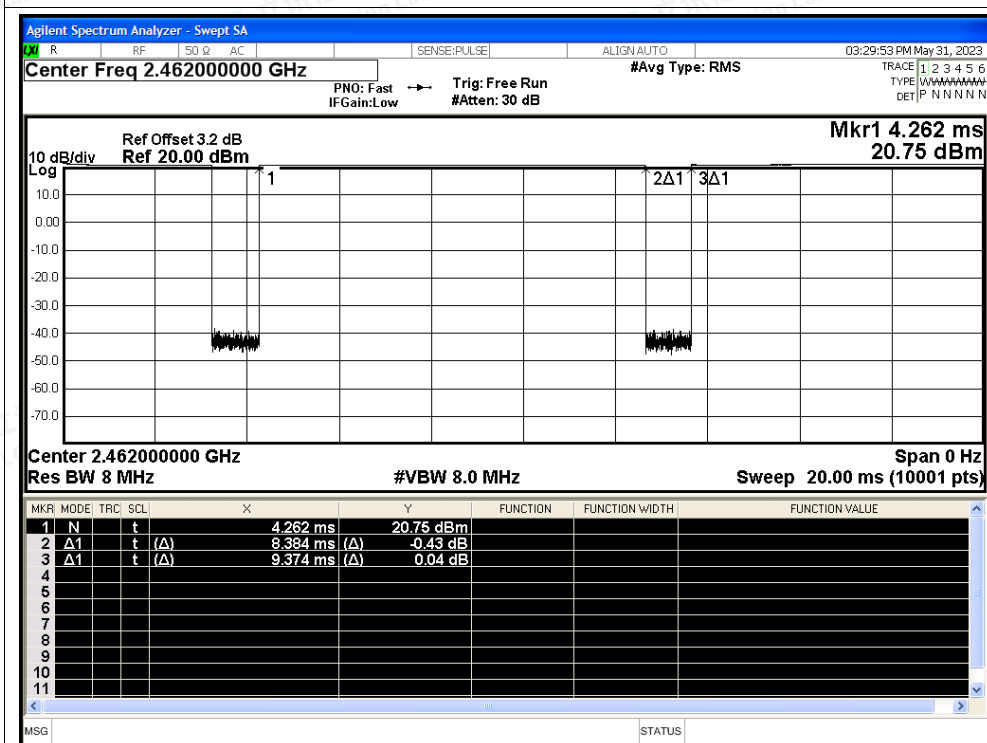


## Duty Cycle NVNT b 2437MHz Ant0

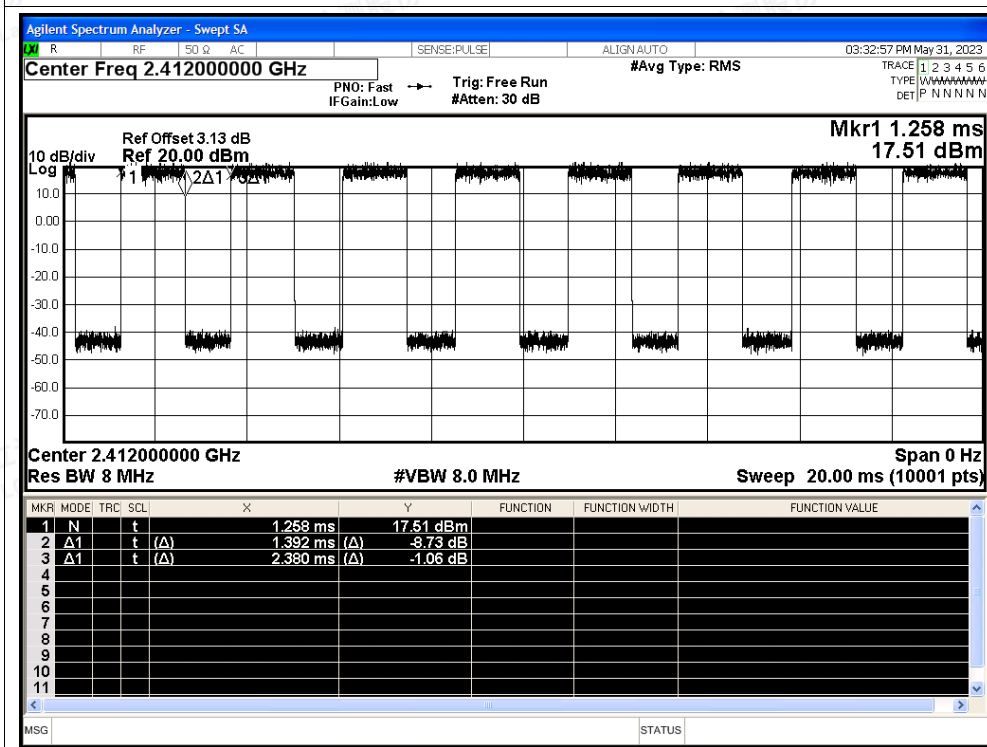




## Duty Cycle NVNT b 2462MHz Ant0

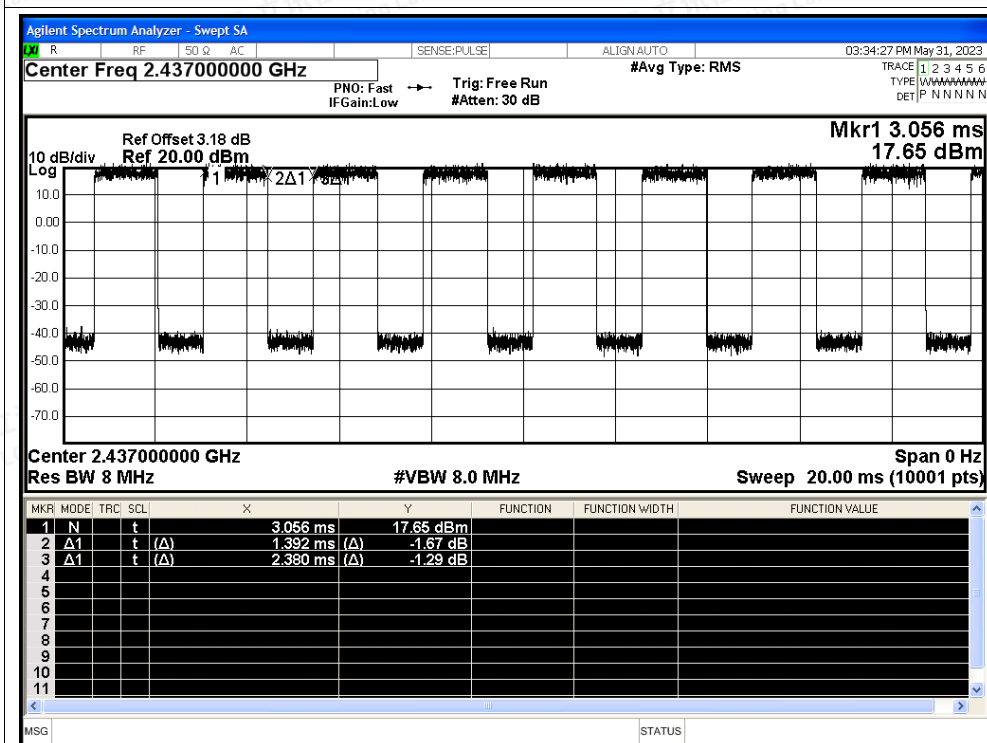


## Duty Cycle NVNT g 2412MHz Ant0

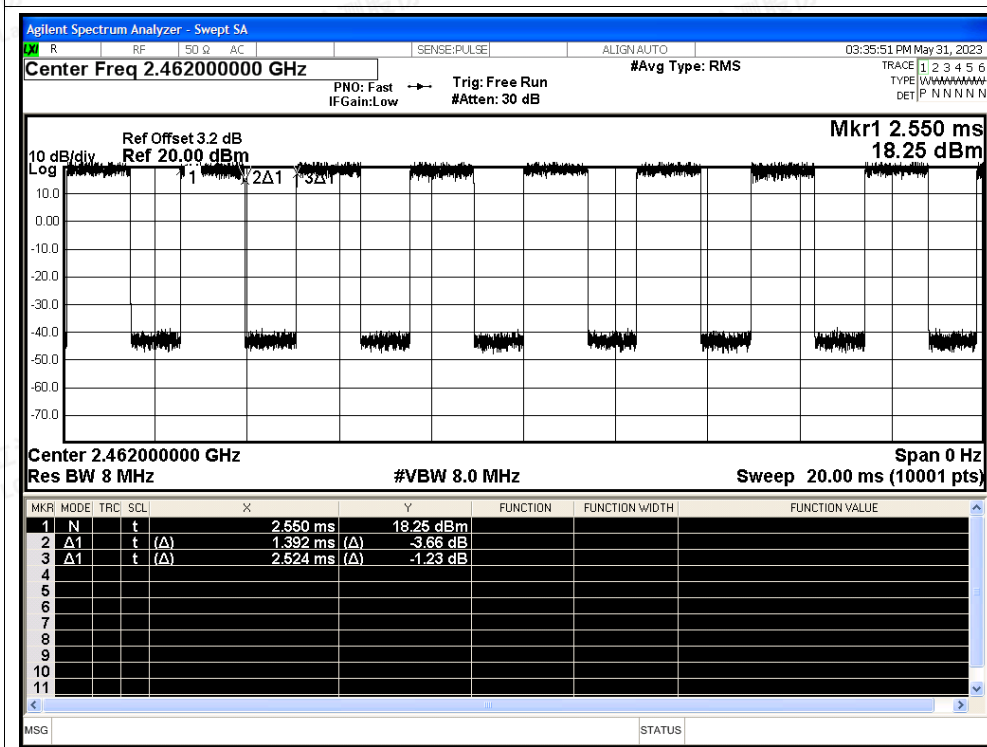




## Duty Cycle NVNT g 2437MHz Ant0

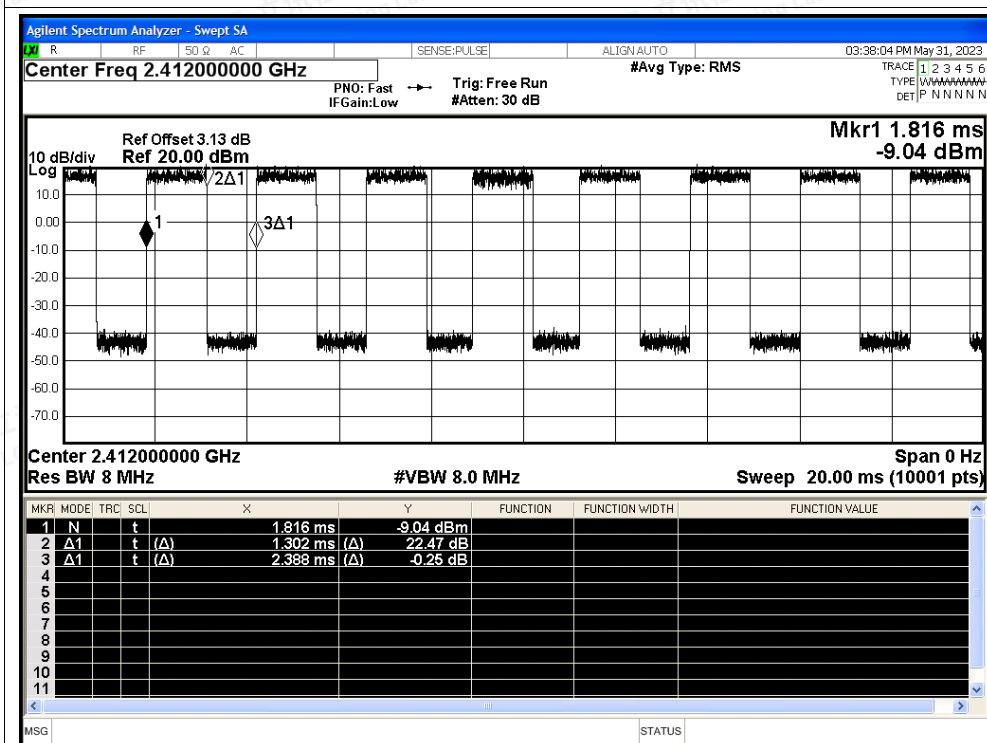


## Duty Cycle NVNT g 2462MHz Ant0

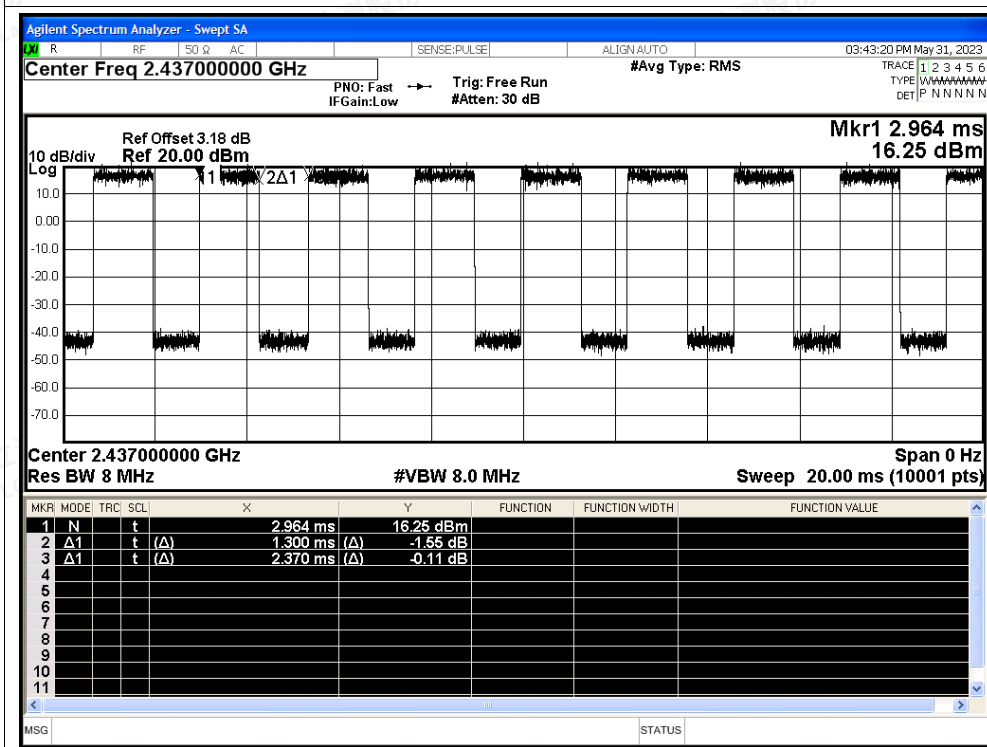




## Duty Cycle NVNT n20 2412MHz Ant0

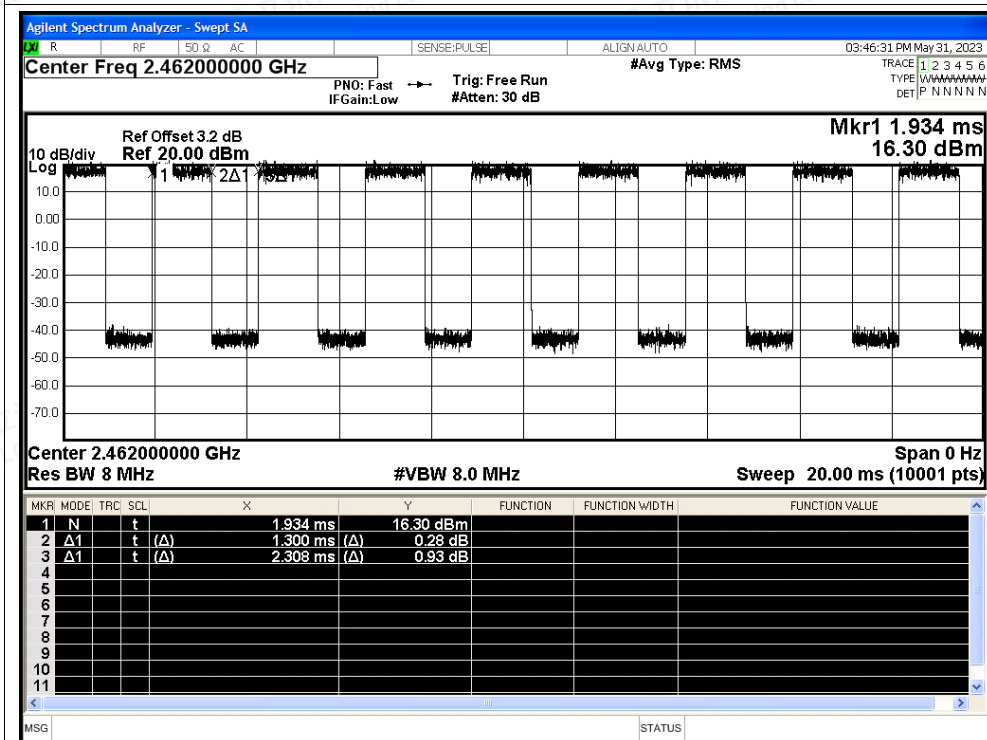


## Duty Cycle NVNT n20 2437MHz Ant0

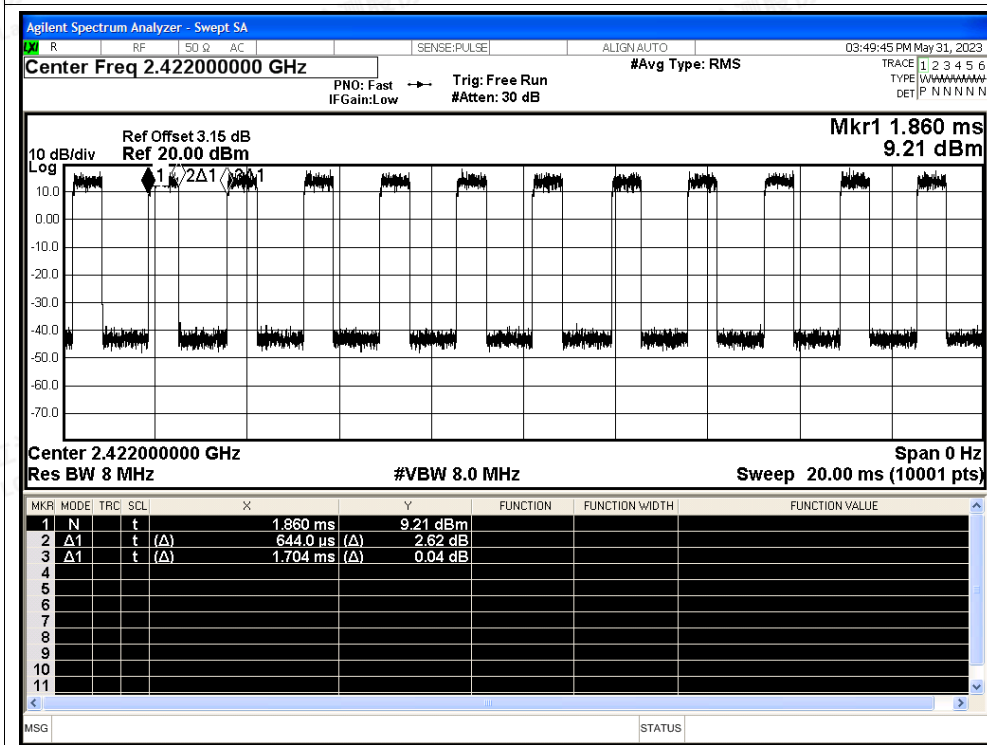




## Duty Cycle NVNT n20 2462MHz Ant0

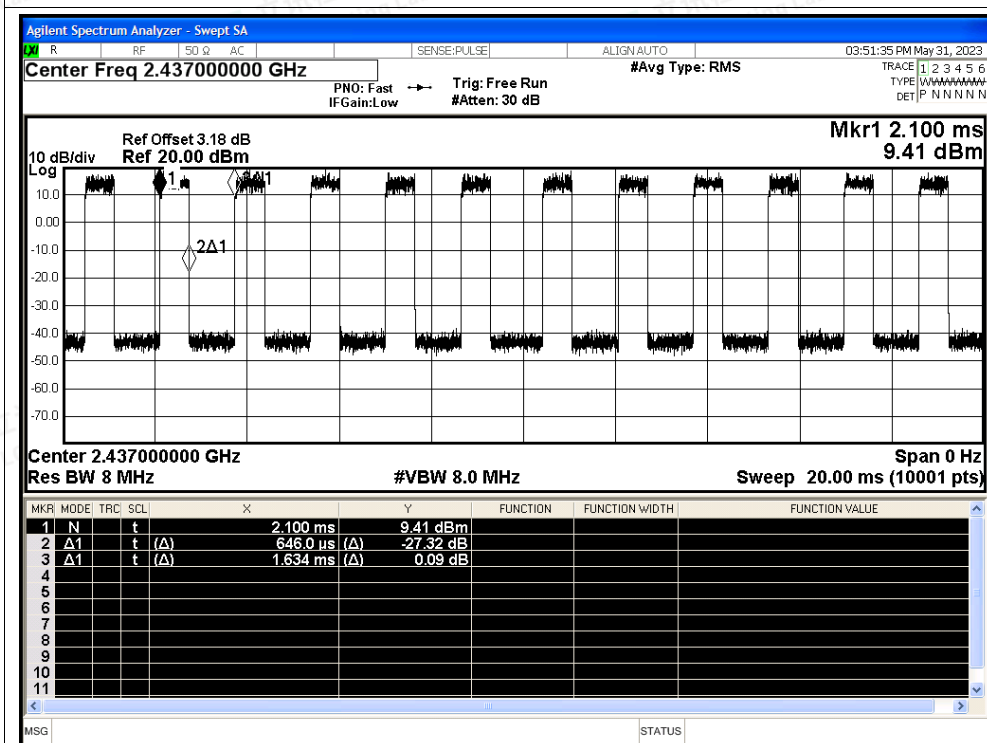


## Duty Cycle NVNT n40 2422MHz Ant0

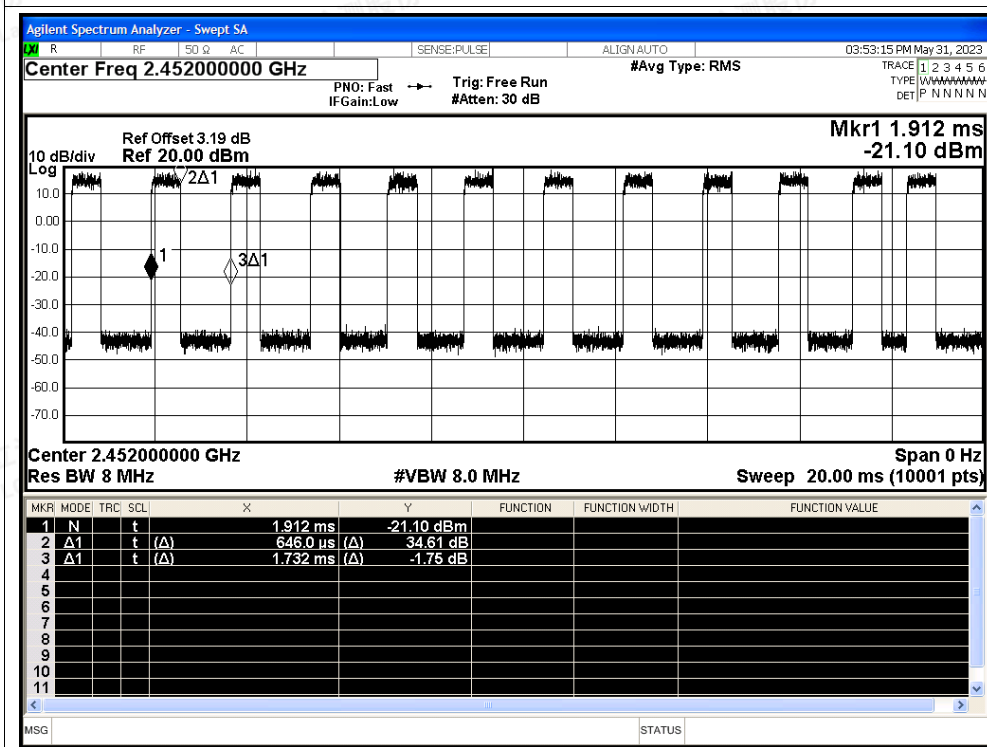




## Duty Cycle NVNT n40 2437MHz Ant0



## Duty Cycle NVNT n40 2452MHz Ant0





| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | b    | 2412            | Ant1    | 89.27          | 0.49                   | 0.12      |
| NVNT      | b    | 2437            | Ant1    | 88.68          | 0.52                   | 0.12      |
| NVNT      | b    | 2462            | Ant1    | 89.34          | 0.49                   | 0.12      |
| NVNT      | g    | 2412            | Ant1    | 58.05          | 2.36                   | 0.72      |
| NVNT      | g    | 2437            | Ant1    | 56.54          | 2.48                   | 0.72      |
| NVNT      | g    | 2462            | Ant1    | 57.81          | 2.38                   | 0.72      |
| NVNT      | n20  | 2412            | Ant1    | 56.13          | 2.51                   | 0.77      |
| NVNT      | n20  | 2437            | Ant1    | 52.63          | 2.79                   | 0.77      |
| NVNT      | n20  | 2462            | Ant1    | 56.37          | 2.49                   | 0.77      |
| NVNT      | n40  | 2422            | Ant1    | 37.35          | 4.28                   | 1.55      |
| NVNT      | n40  | 2437            | Ant1    | 37.87          | 4.22                   | 1.55      |
| NVNT      | n40  | 2452            | Ant1    | 37.3           | 4.28                   | 1.55      |

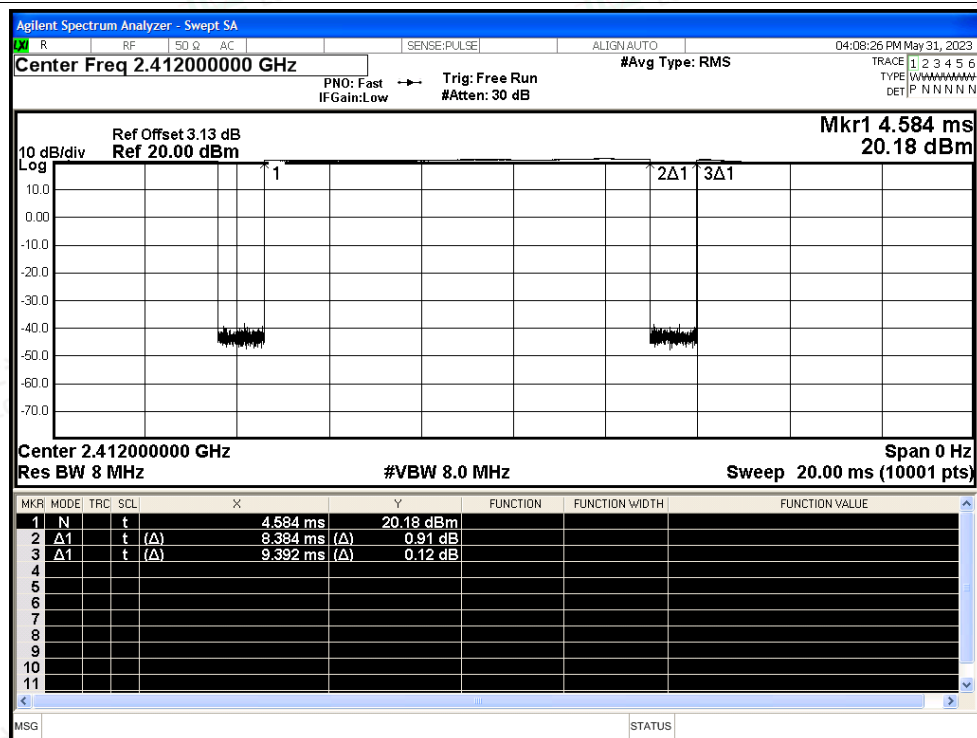


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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
Scan code to check authenticity

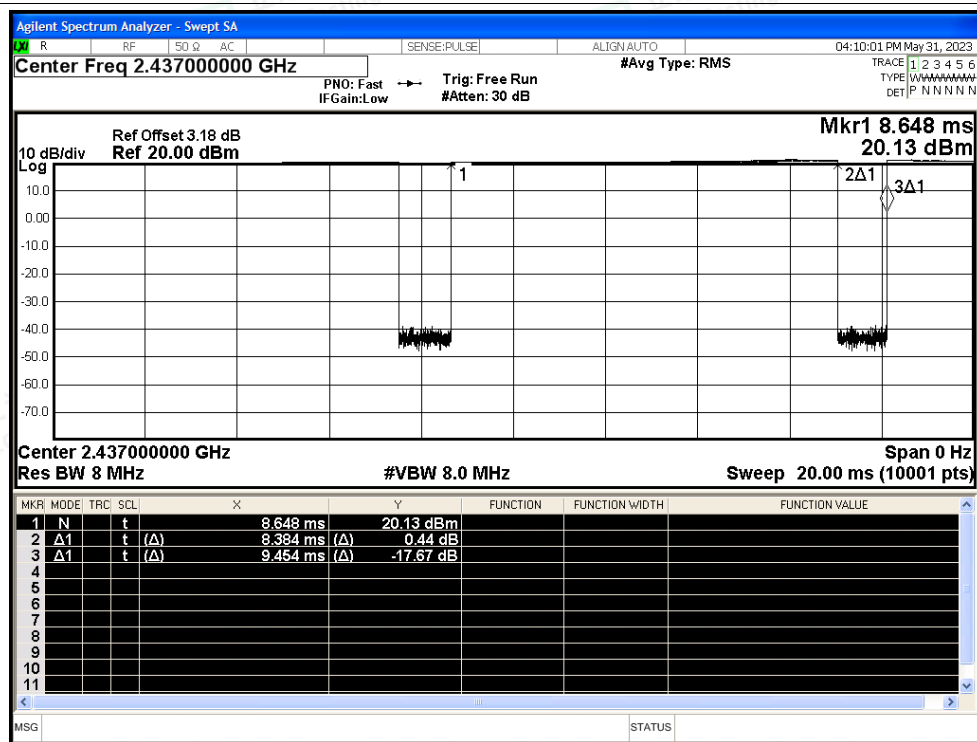


## Test Graphs

## Duty Cycle NVNT b 2412MHz Ant1

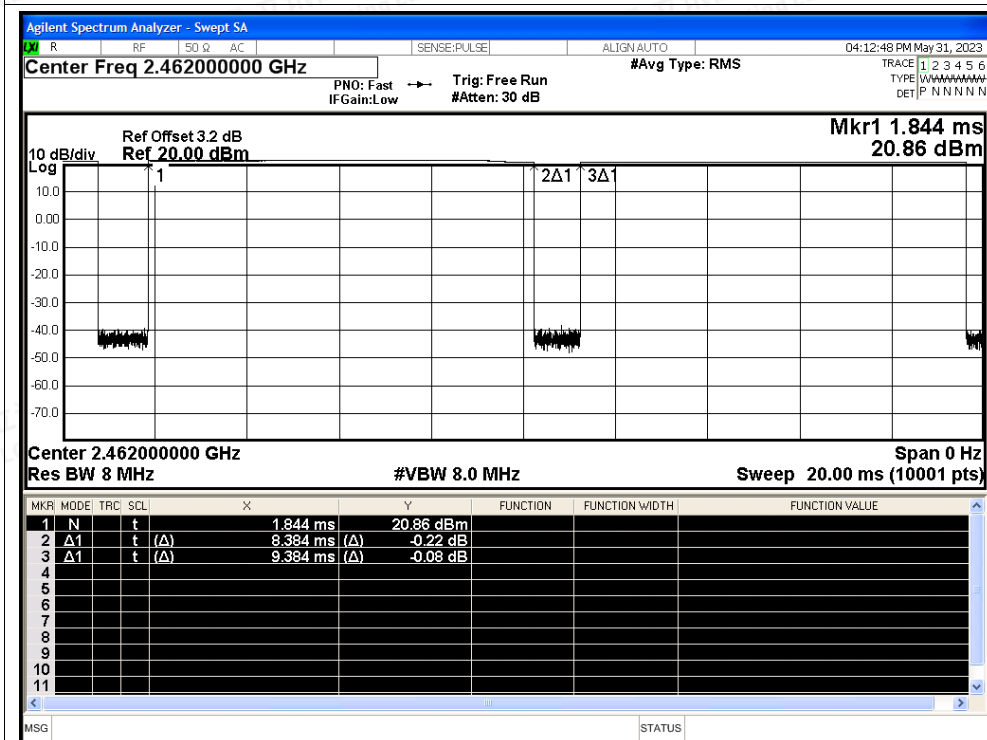


## Duty Cycle NVNT b 2437MHz Ant1





## Duty Cycle NVNT b 2462MHz Ant1



## Duty Cycle NVNT g 2412MHz Ant1

