



## Appendix A

### RF Test Data for 2.4GWIFI (Conducted Measurement)

Product Name: Wireless Router

Test Model: TR300

#### Environmental Conditions

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



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### A.1 -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | b    | 2412            | Ant0    | 7.586                 | >=0.5                       | Pass    |
| NVNT      | b    | 2437            | Ant0    | 7.585                 | >=0.5                       | Pass    |
| NVNT      | b    | 2462            | Ant0    | 7.548                 | >=0.5                       | Pass    |
| NVNT      | g    | 2412            | Ant0    | 16.026                | >=0.5                       | Pass    |
| NVNT      | g    | 2437            | Ant0    | 16.379                | >=0.5                       | Pass    |
| NVNT      | g    | 2462            | Ant0    | 14.438                | >=0.5                       | Pass    |
| NVNT      | n20  | 2412            | Ant0    | 17.573                | >=0.5                       | Pass    |
| NVNT      | n20  | 2437            | Ant0    | 16.264                | >=0.5                       | Pass    |
| NVNT      | n20  | 2462            | Ant0    | 17.619                | >=0.5                       | Pass    |
| NVNT      | n40  | 2422            | Ant0    | 29.172                | >=0.5                       | Pass    |
| NVNT      | n40  | 2437            | Ant0    | 35.818                | >=0.5                       | Pass    |
| NVNT      | n40  | 2452            | Ant0    | 34.816                | >=0.5                       | Pass    |
| NVNT      | ax20 | 2412            | Ant0    | 18.433                | >=0.5                       | Pass    |
| NVNT      | ax20 | 2437            | Ant0    | 18.099                | >=0.5                       | Pass    |
| NVNT      | ax20 | 2462            | Ant0    | 16.417                | >=0.5                       | Pass    |
| NVNT      | ax40 | 2422            | Ant0    | 35.573                | >=0.5                       | Pass    |
| NVNT      | ax40 | 2437            | Ant0    | 35.801                | >=0.5                       | Pass    |
| NVNT      | ax40 | 2452            | Ant0    | 35.1                  | >=0.5                       | Pass    |



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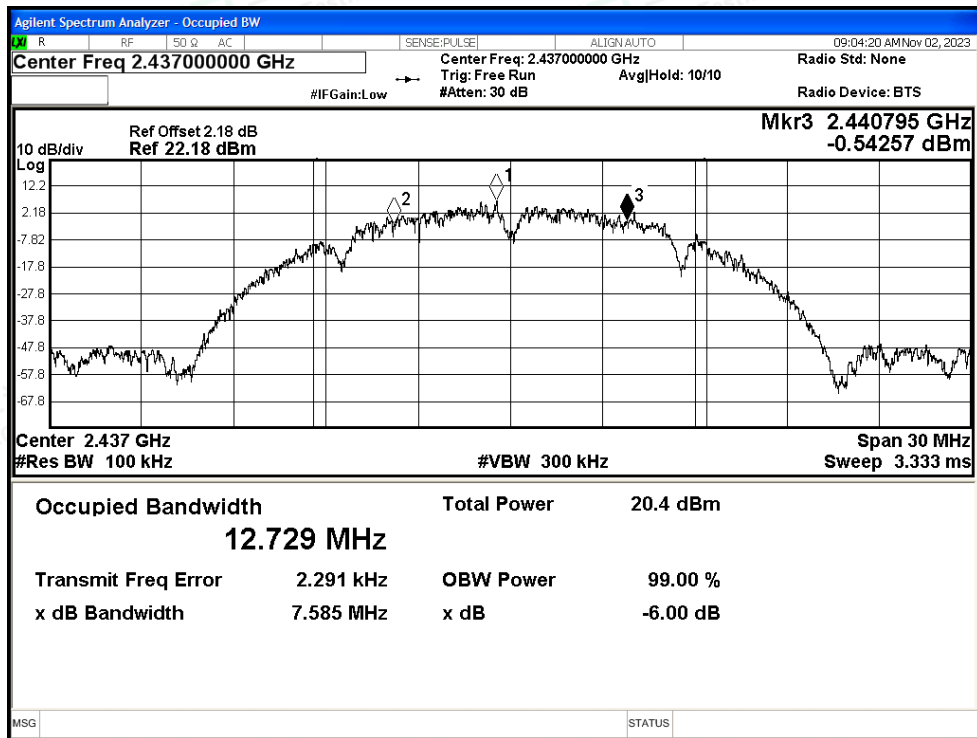


Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant0

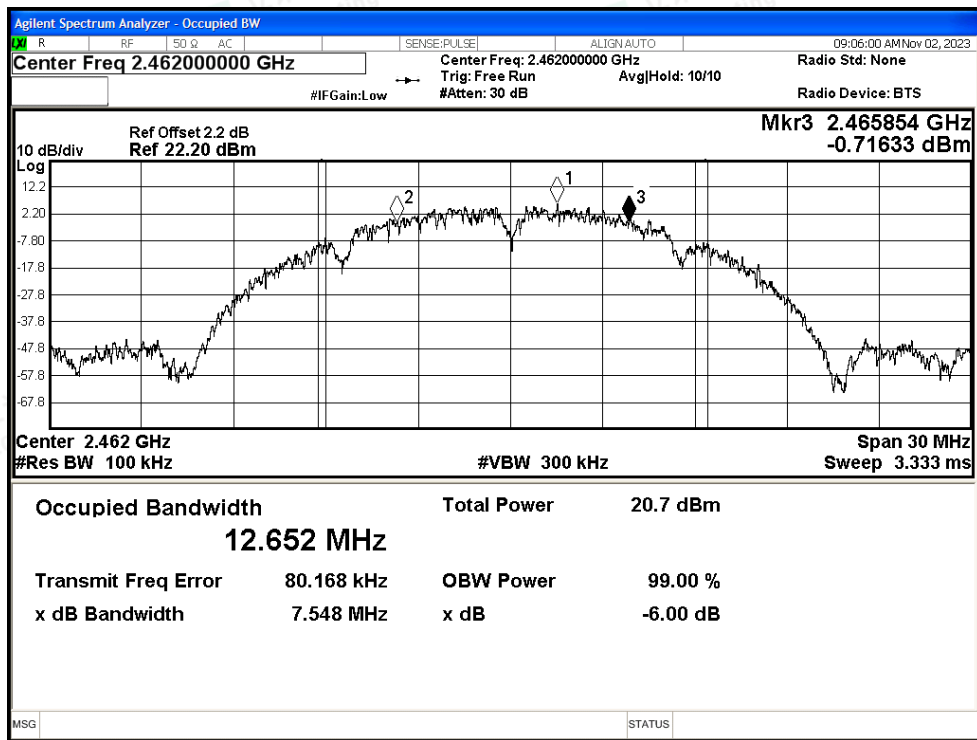


-6dB Bandwidth NVNT b 2437MHz Ant0

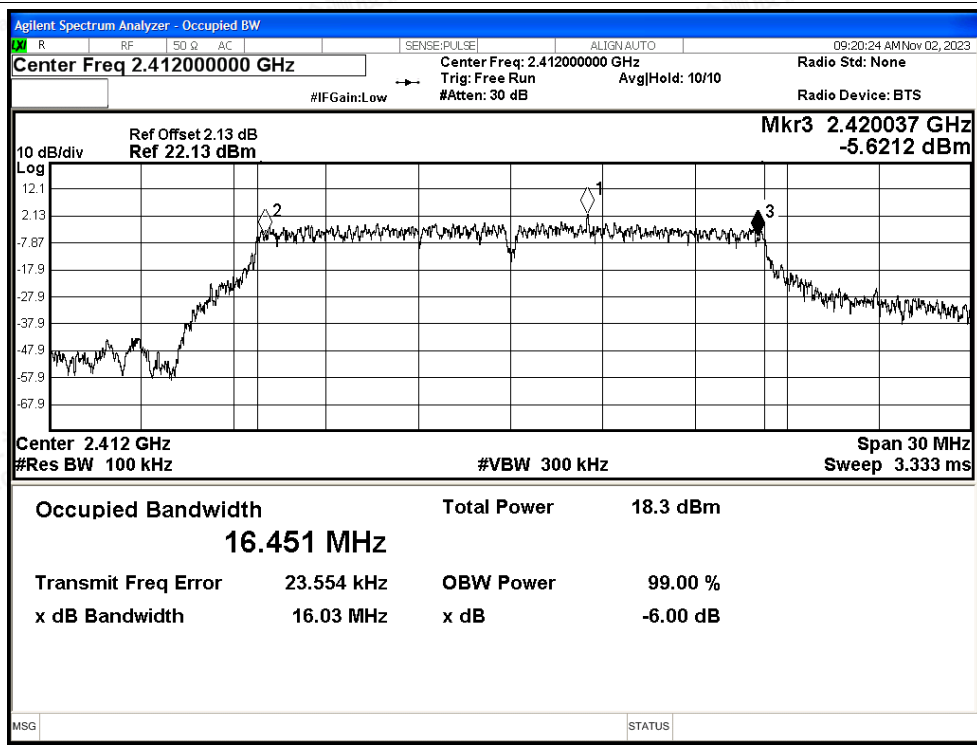




-6dB Bandwidth NVNT b 2462MHz Ant0

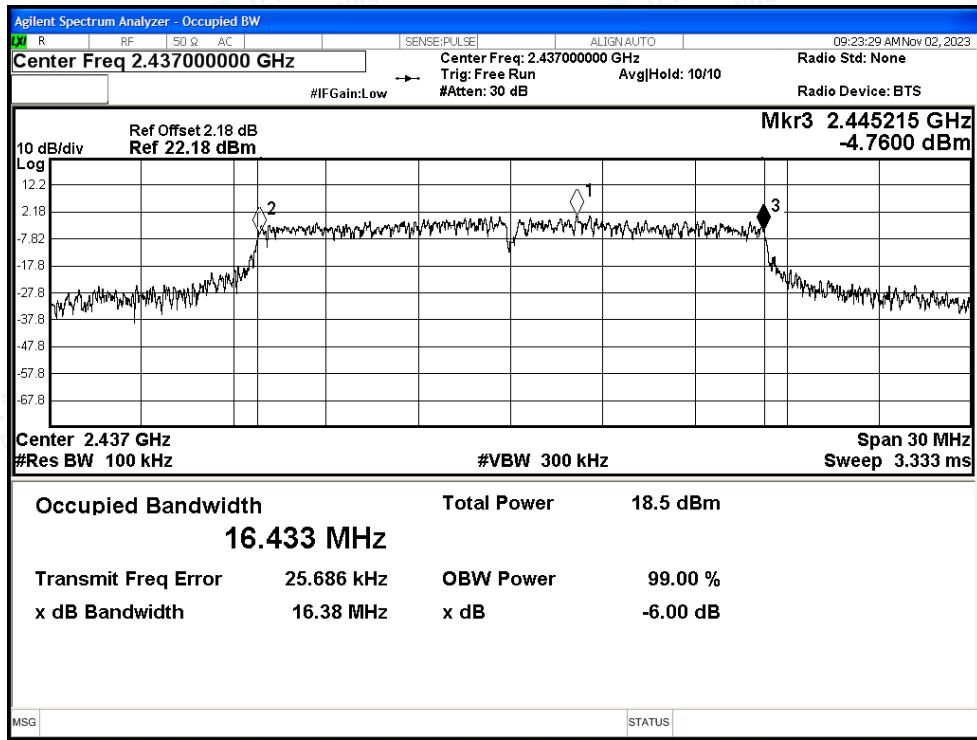


-6dB Bandwidth NVNT g 2412MHz Ant0

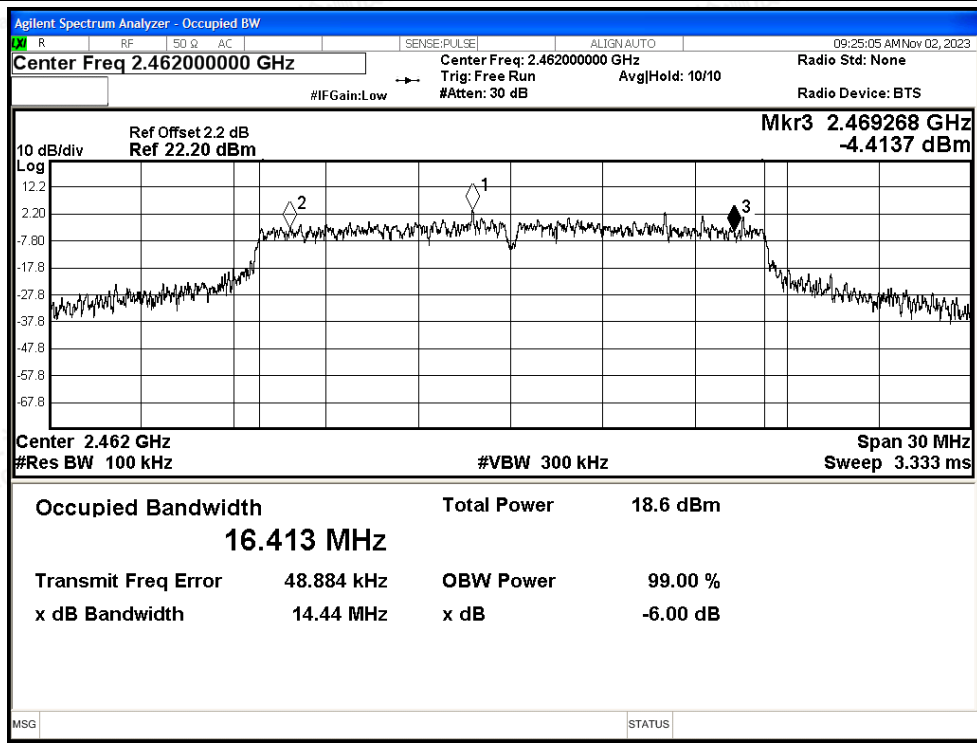




-6dB Bandwidth NVNT g 2437MHz Ant0

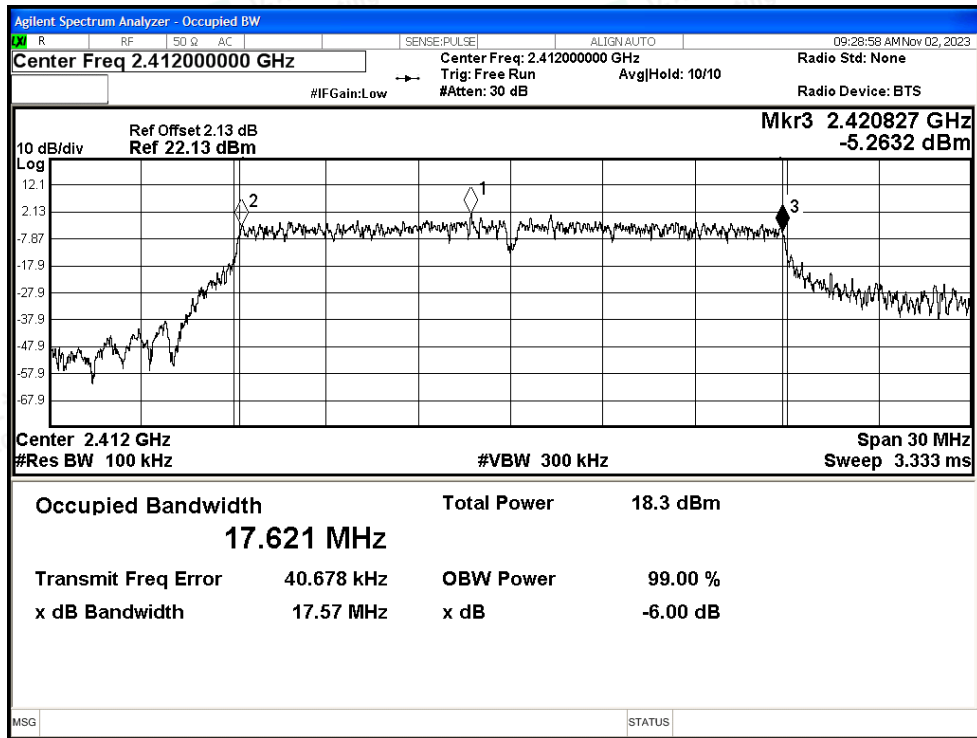


-6dB Bandwidth NVNT g 2462MHz Ant0

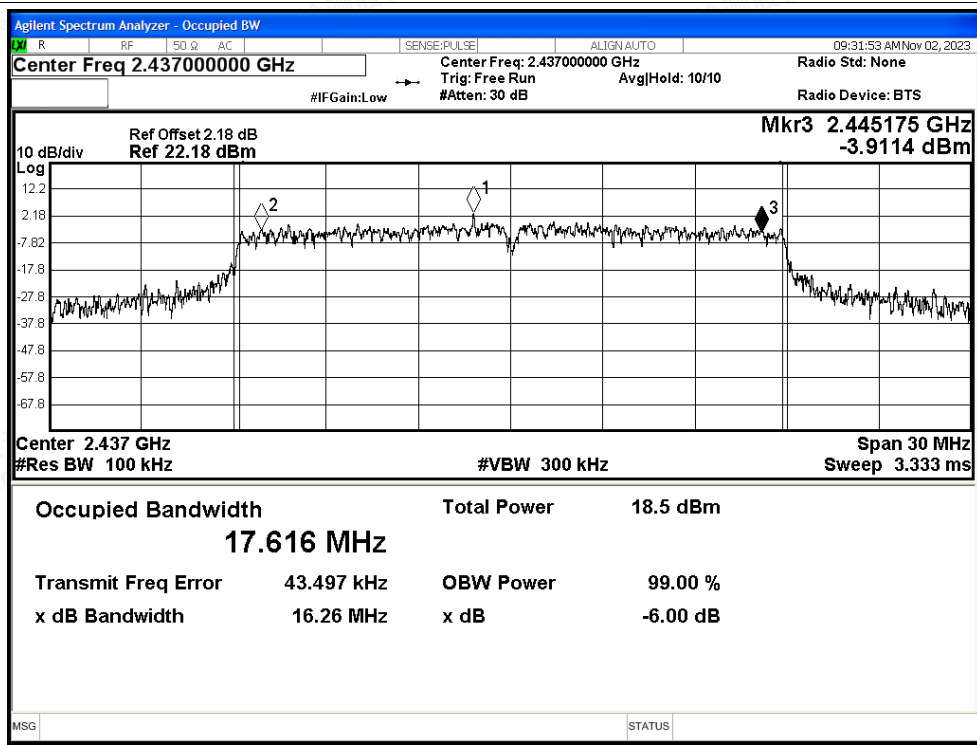




-6dB Bandwidth NVNT n20 2412MHz Ant0

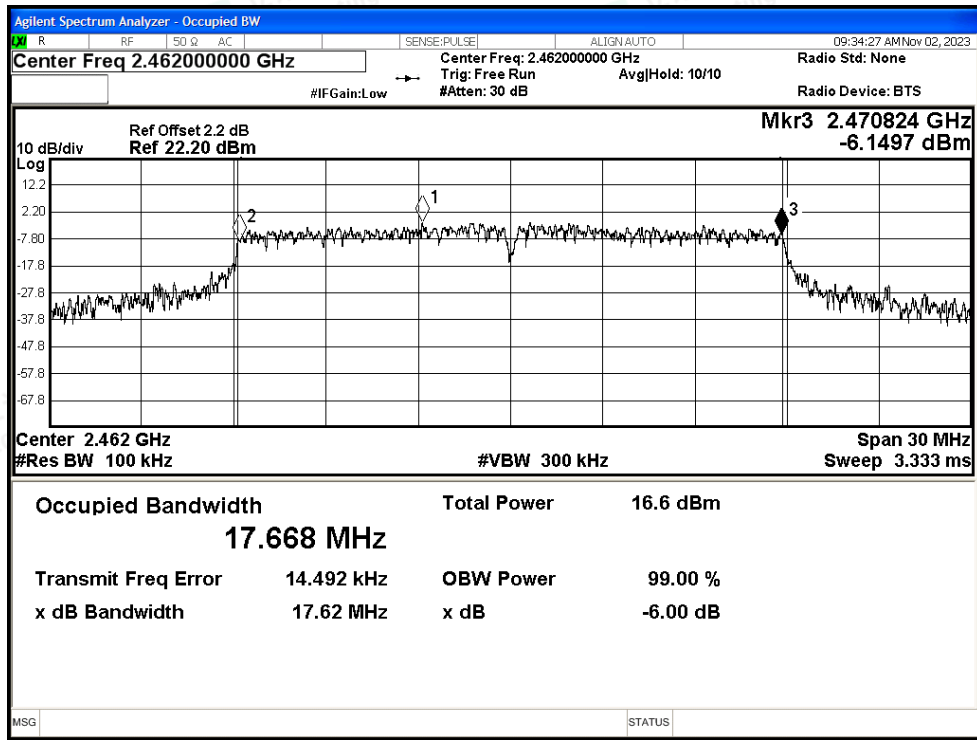


-6dB Bandwidth NVNT n20 2437MHz Ant0

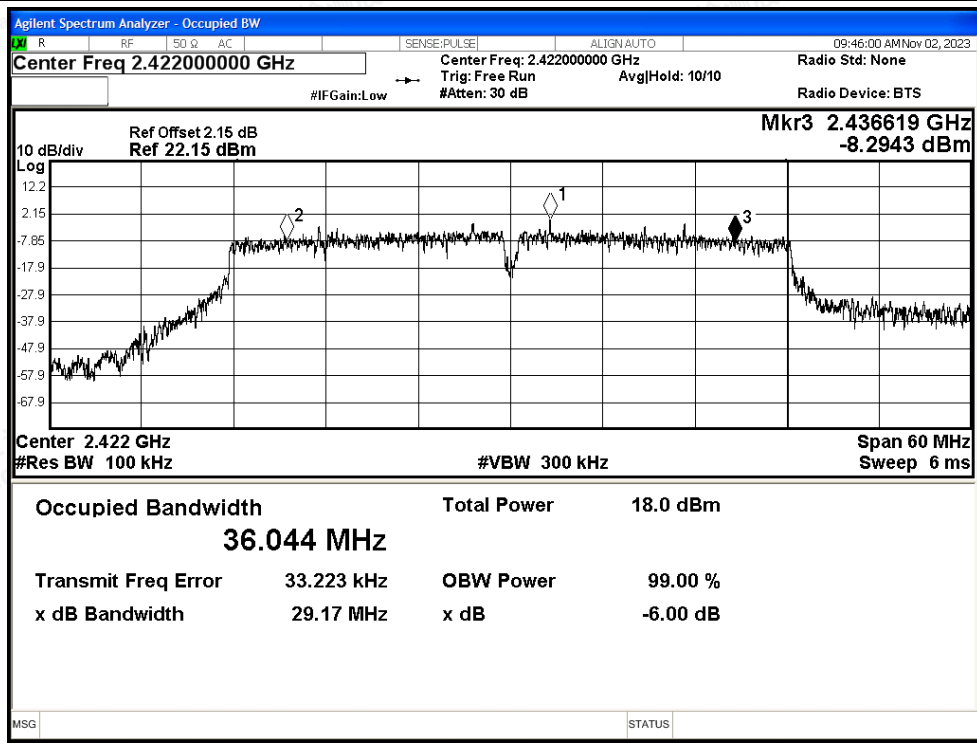




-6dB Bandwidth NVNT n20 2462MHz Ant0

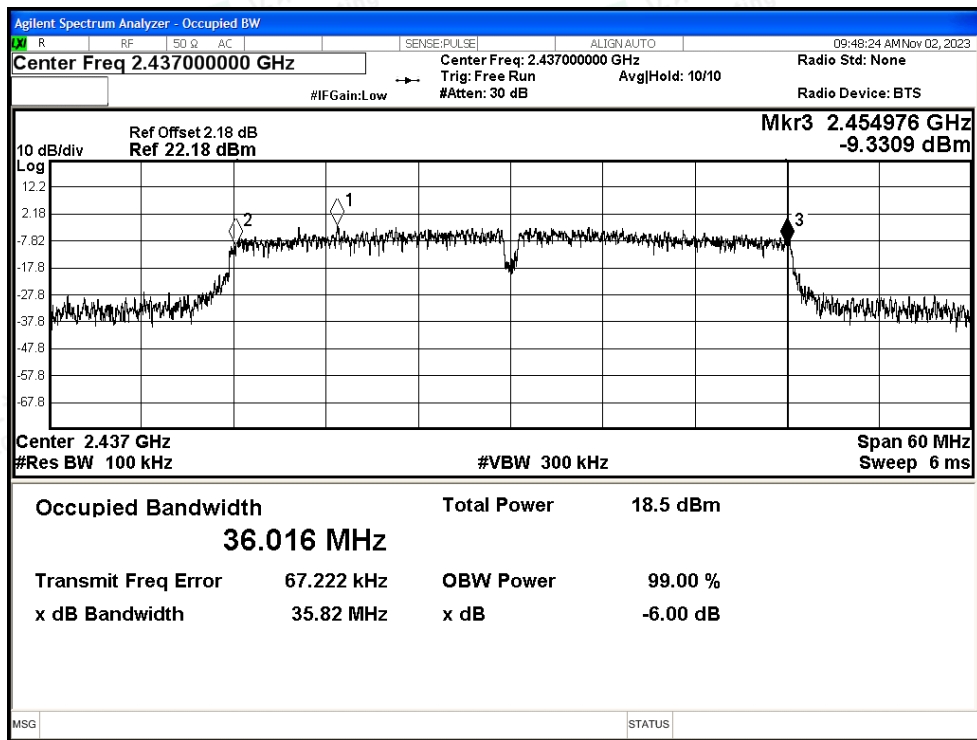


-6dB Bandwidth NVNT n40 2422MHz Ant0

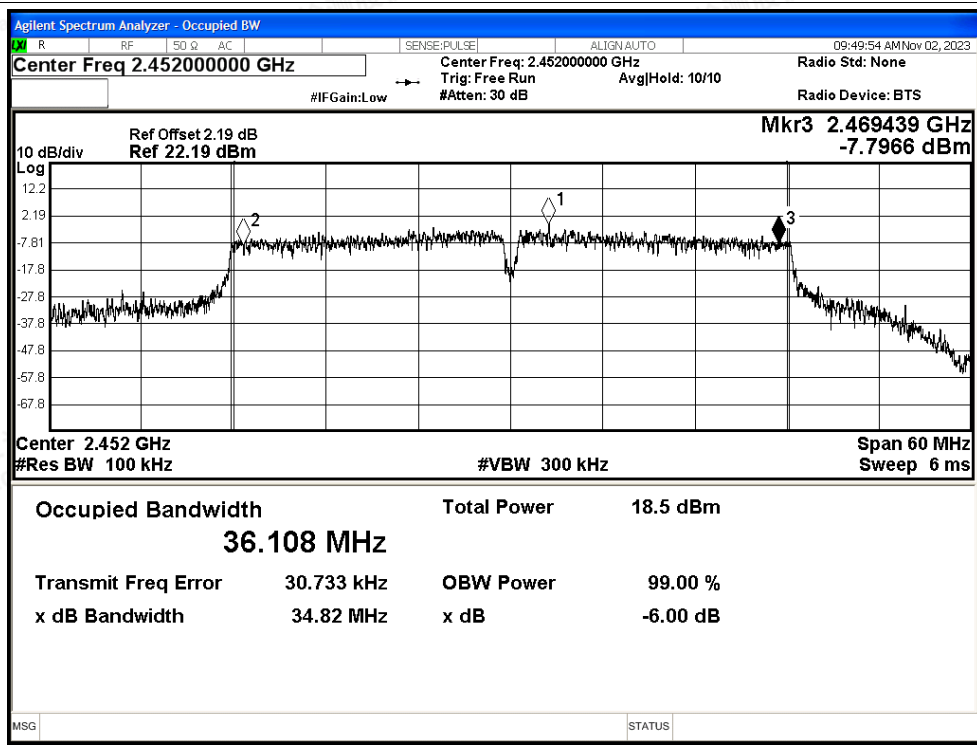




-6dB Bandwidth NVNT n40 2437MHz Ant0



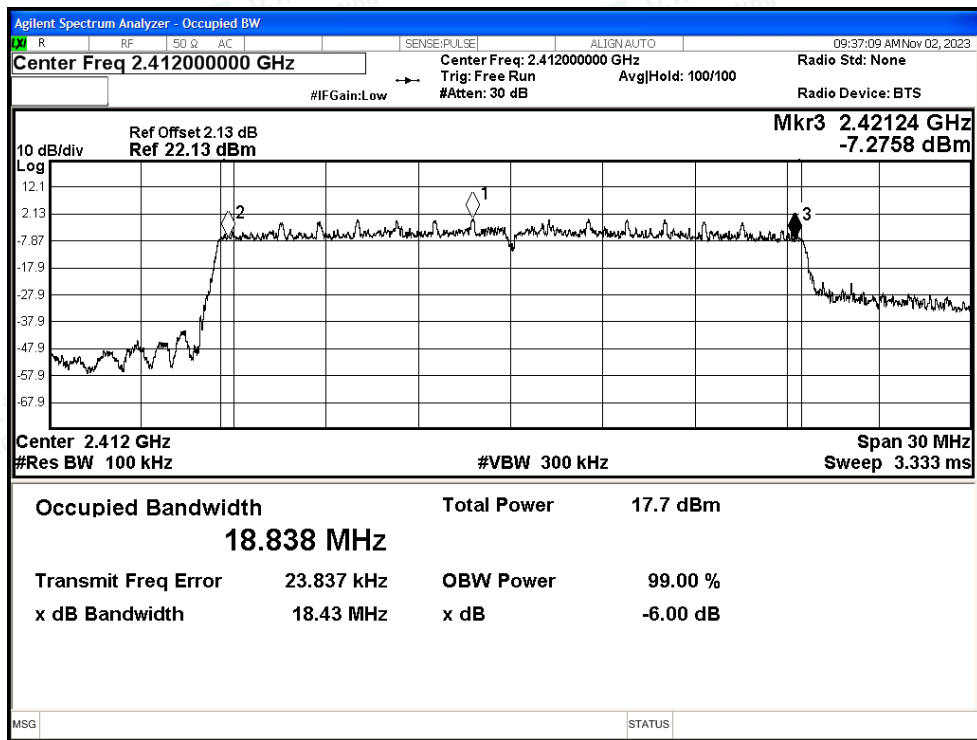
-6dB Bandwidth NVNT n40 2452MHz Ant0



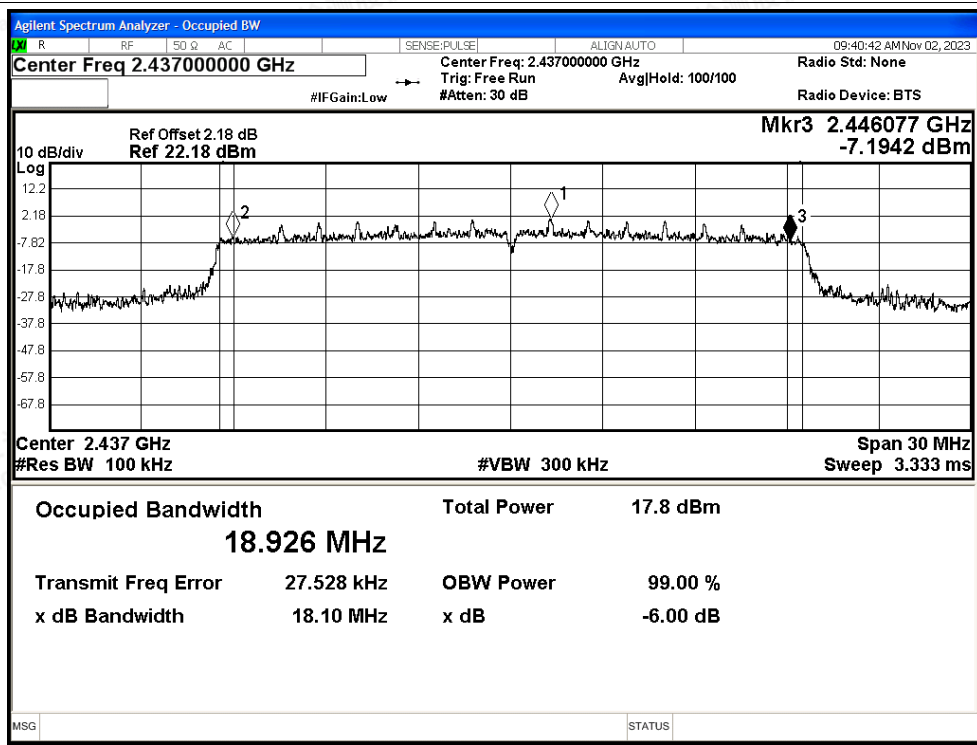




-6dB Bandwidth NVNT ax20 2412MHz Ant0

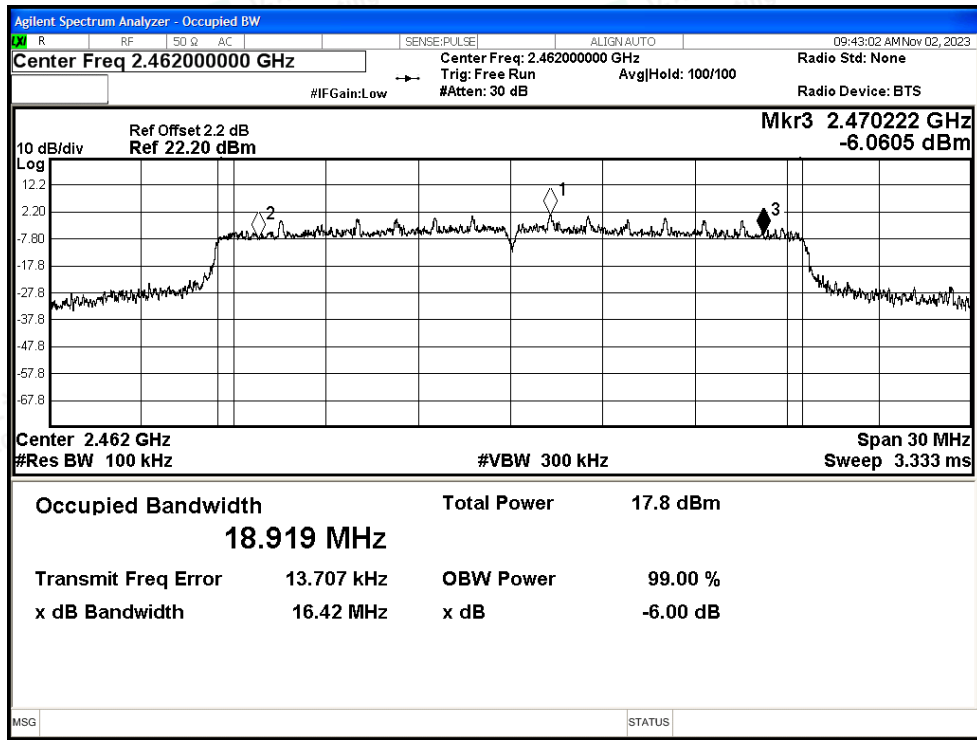


-6dB Bandwidth NVNT ax20 2437MHz Ant0

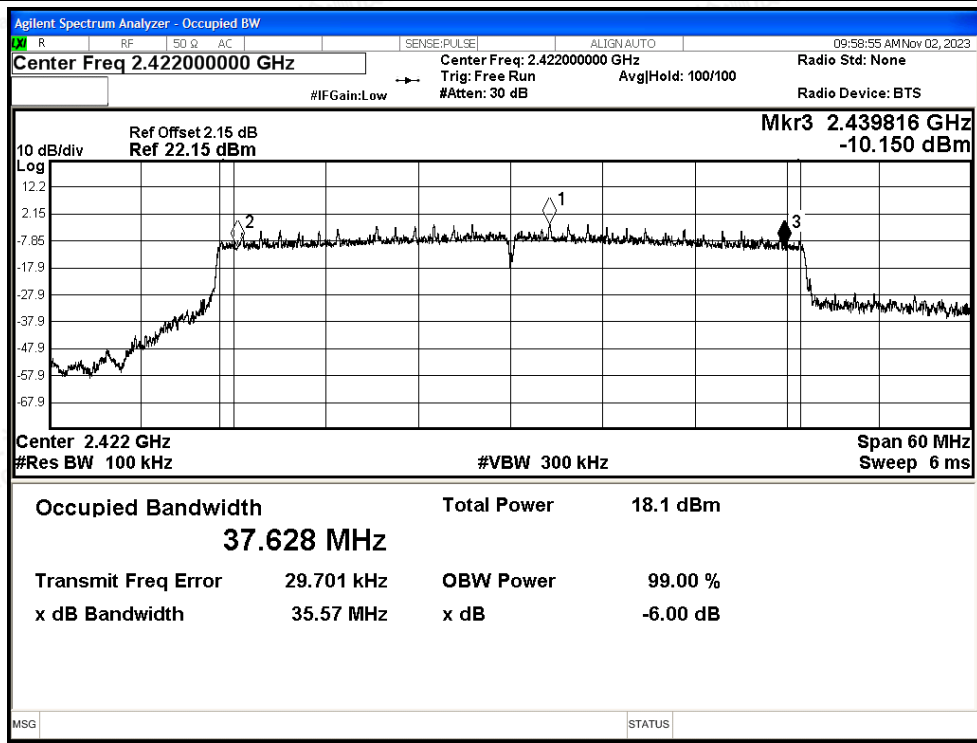




-6dB Bandwidth NVNT ax20 2462MHz Ant0

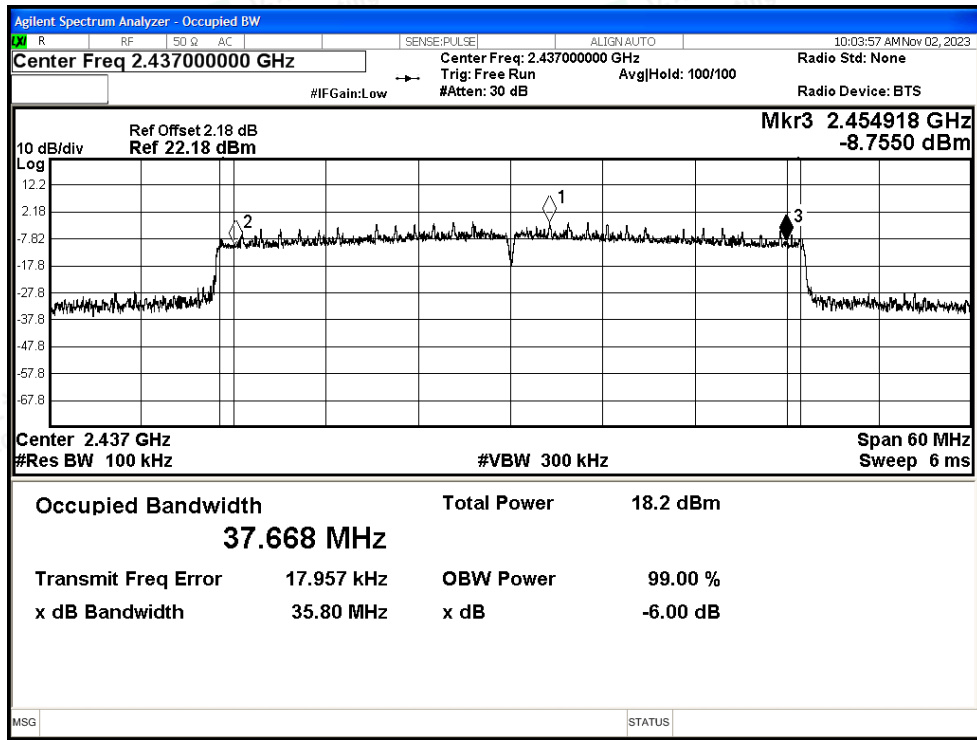


-6dB Bandwidth NVNT ax40 2422MHz Ant0

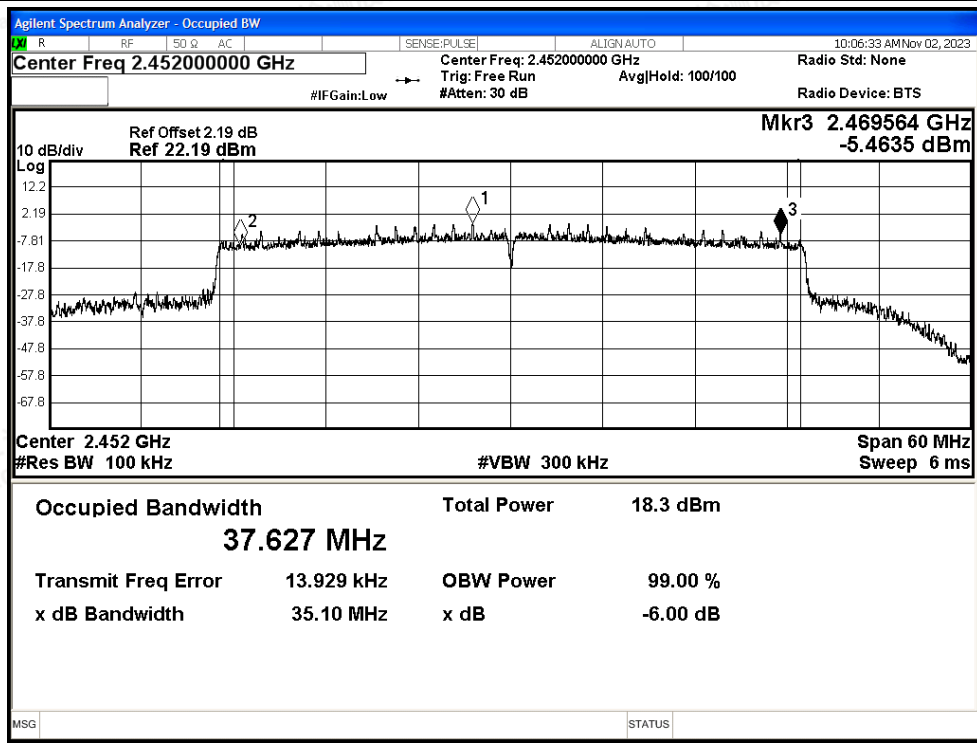




-6dB Bandwidth NVNT ax40 2437MHz Ant0



-6dB Bandwidth NVNT ax40 2452MHz Ant0





| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | b    | 2412            | Ant1    | 5.982                 | >=0.5                       | Pass    |
| NVNT      | b    | 2437            | Ant1    | 7.73                  | >=0.5                       | Pass    |
| NVNT      | b    | 2462            | Ant1    | 8.106                 | >=0.5                       | Pass    |
| NVNT      | g    | 2412            | Ant1    | 16.377                | >=0.5                       | Pass    |
| NVNT      | g    | 2437            | Ant1    | 16.305                | >=0.5                       | Pass    |
| NVNT      | g    | 2462            | Ant1    | 12.791                | >=0.5                       | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 17.622                | >=0.5                       | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 17.365                | >=0.5                       | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 16.476                | >=0.5                       | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 32.243                | >=0.5                       | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 28.248                | >=0.5                       | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 26.37                 | >=0.5                       | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | 18.37                 | >=0.5                       | Pass    |
| NVNT      | ax20 | 2437            | Ant1    | 16.127                | >=0.5                       | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | 18.201                | >=0.5                       | Pass    |
| NVNT      | ax40 | 2422            | Ant1    | 36.356                | >=0.5                       | Pass    |
| NVNT      | ax40 | 2437            | Ant1    | 37.266                | >=0.5                       | Pass    |
| NVNT      | ax40 | 2452            | Ant1    | 36.252                | >=0.5                       | Pass    |



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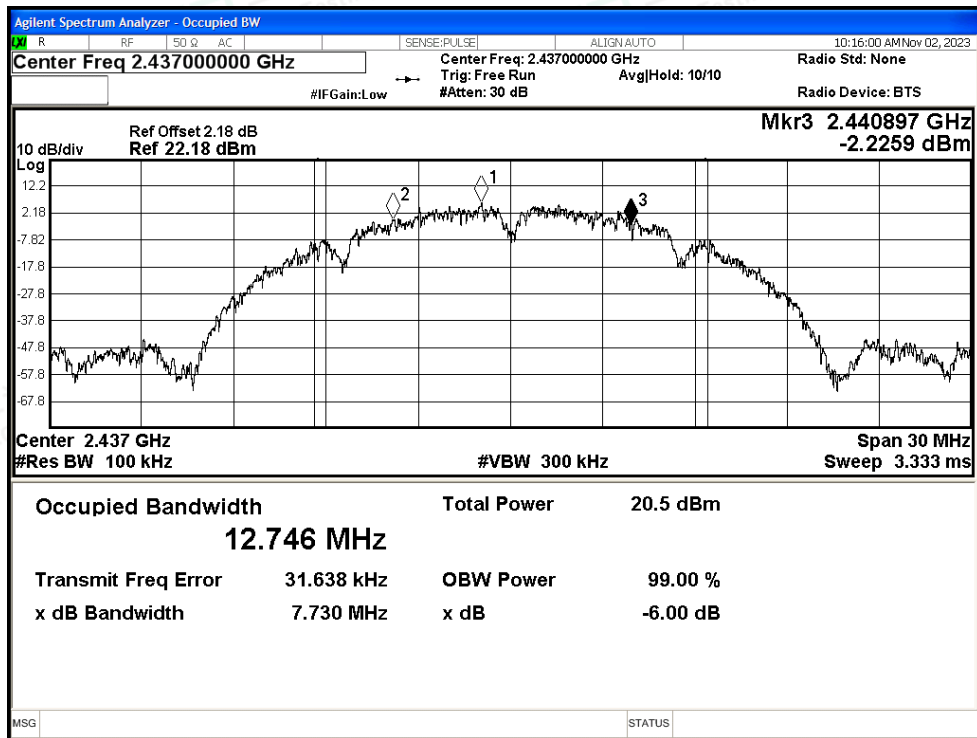


Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1

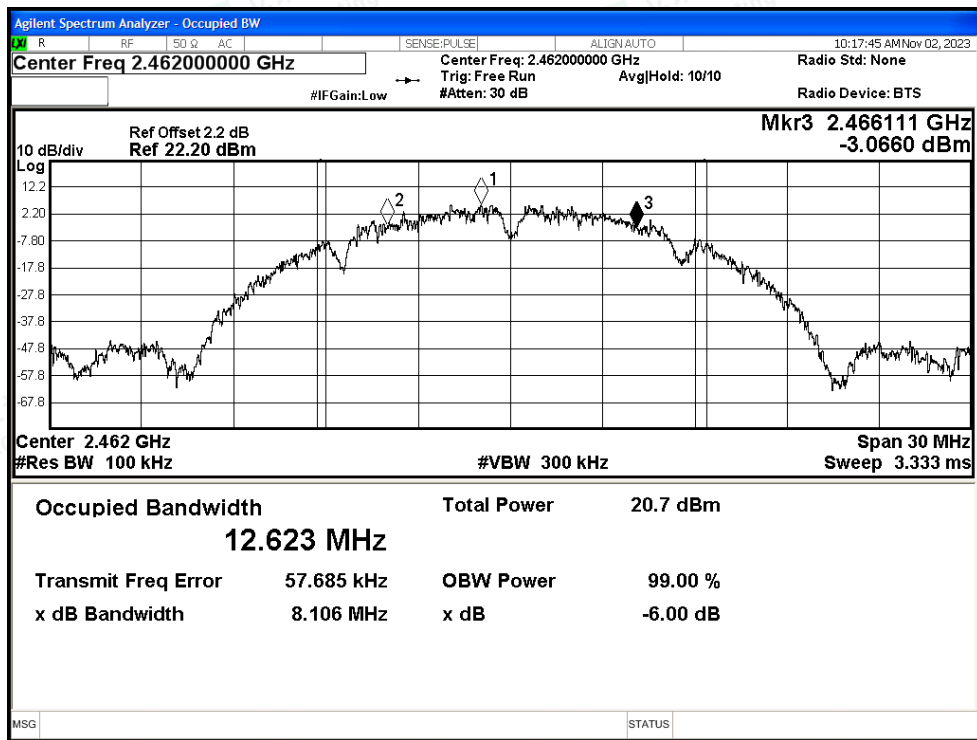


-6dB Bandwidth NVNT b 2437MHz Ant1

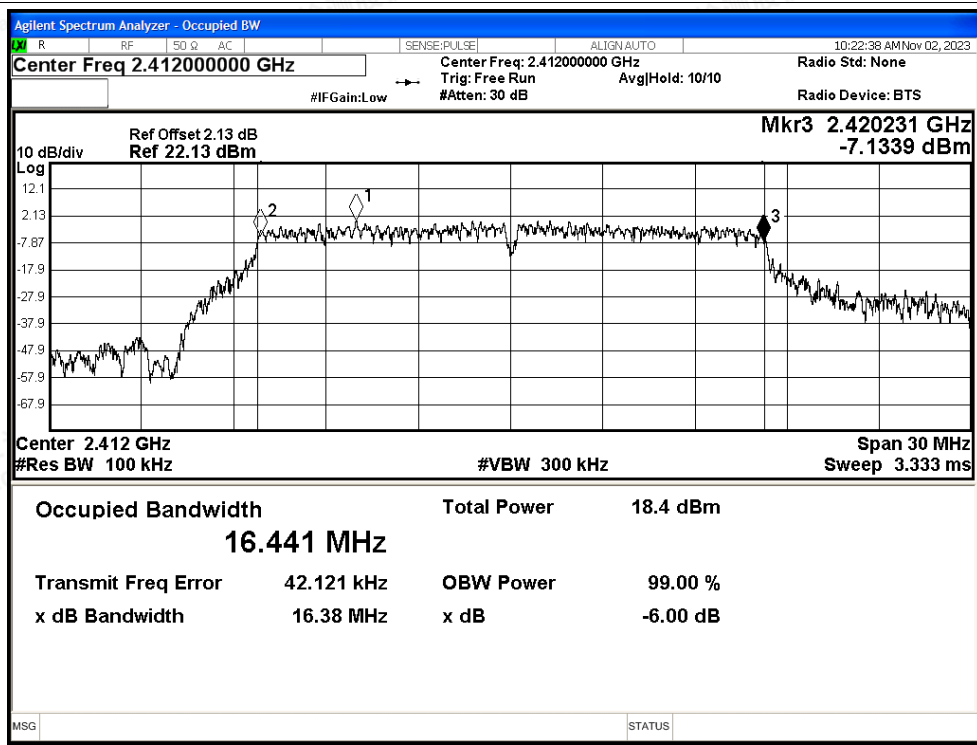




-6dB Bandwidth NVNT b 2462MHz Ant1

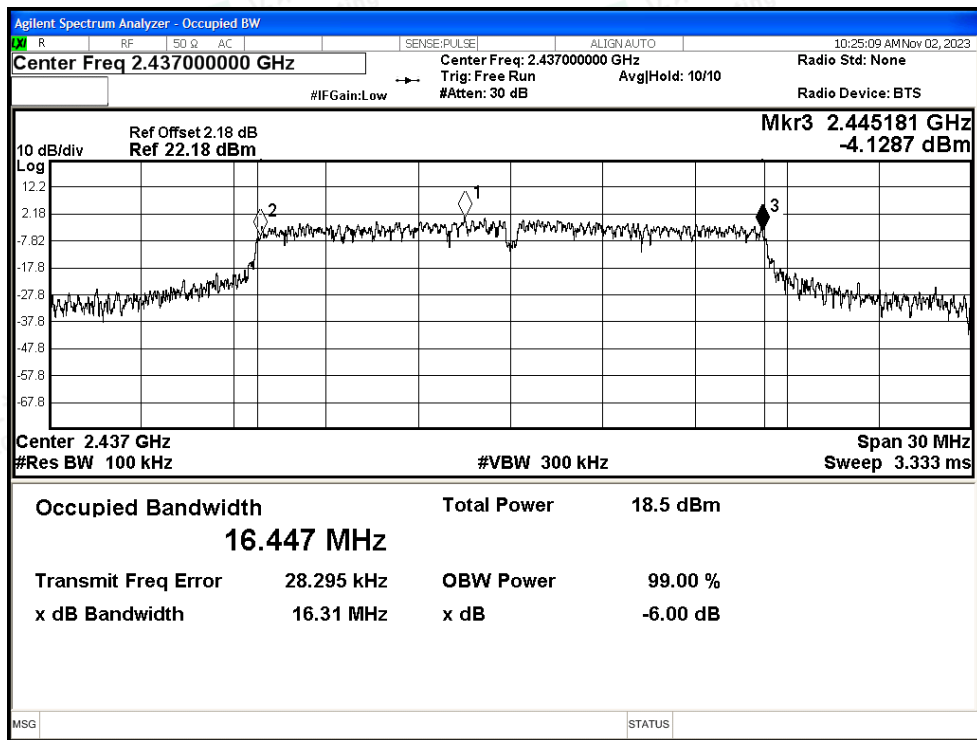


-6dB Bandwidth NVNT g 2412MHz Ant1

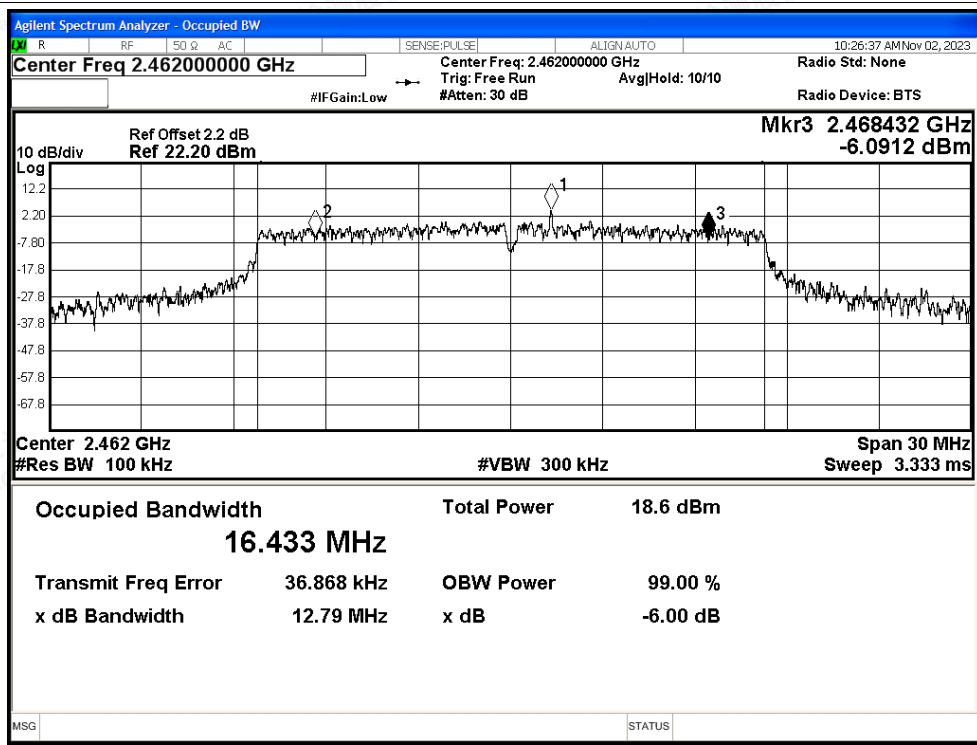




-6dB Bandwidth NVNT g 2437MHz Ant1

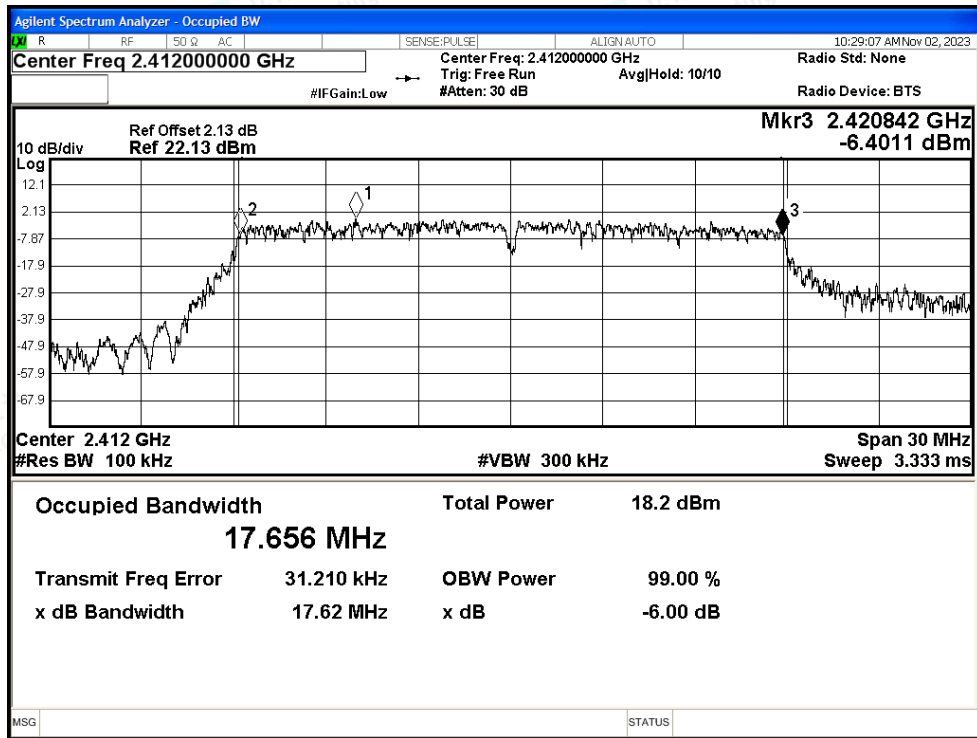


-6dB Bandwidth NVNT g 2462MHz Ant1

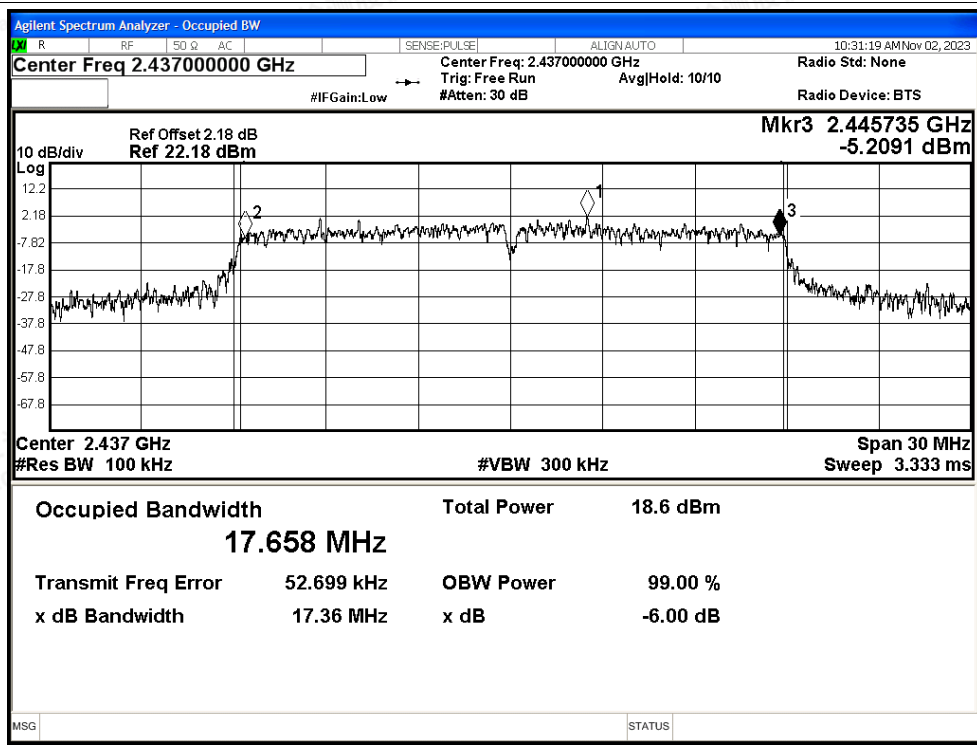




-6dB Bandwidth NVNT n20 2412MHz Ant1



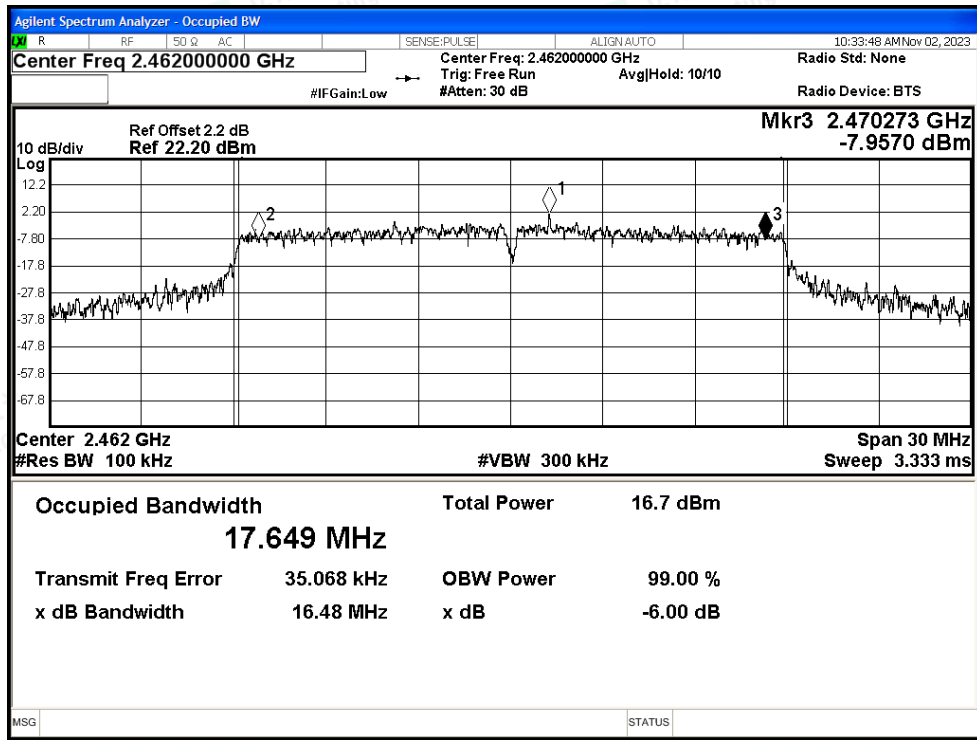
-6dB Bandwidth NVNT n20 2437MHz Ant1



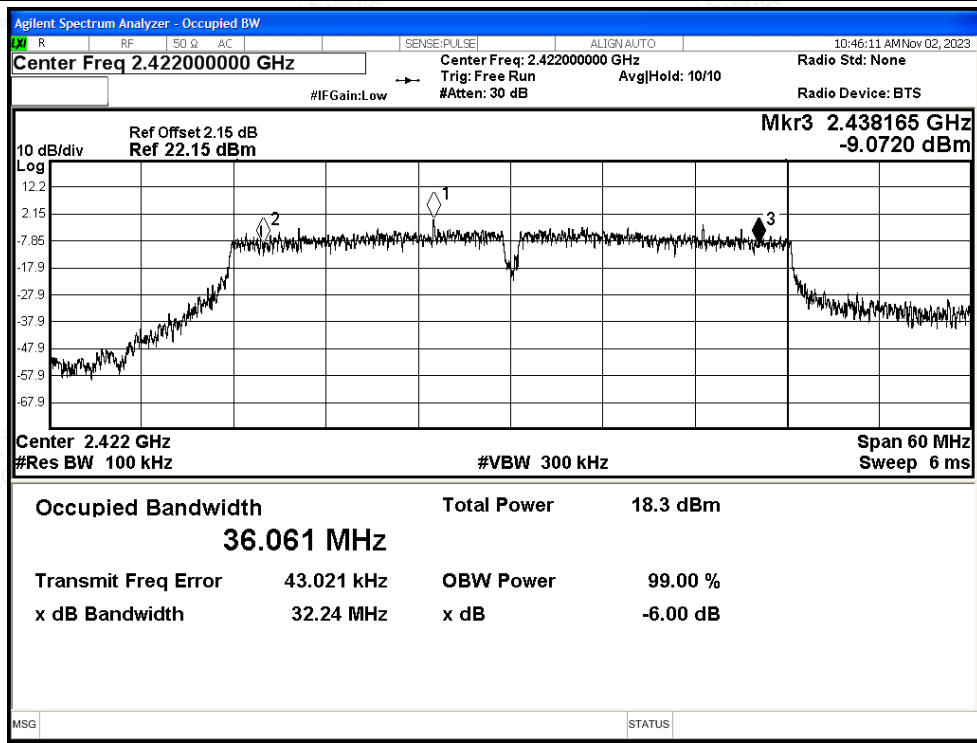




-6dB Bandwidth NVNT n20 2462MHz Ant1

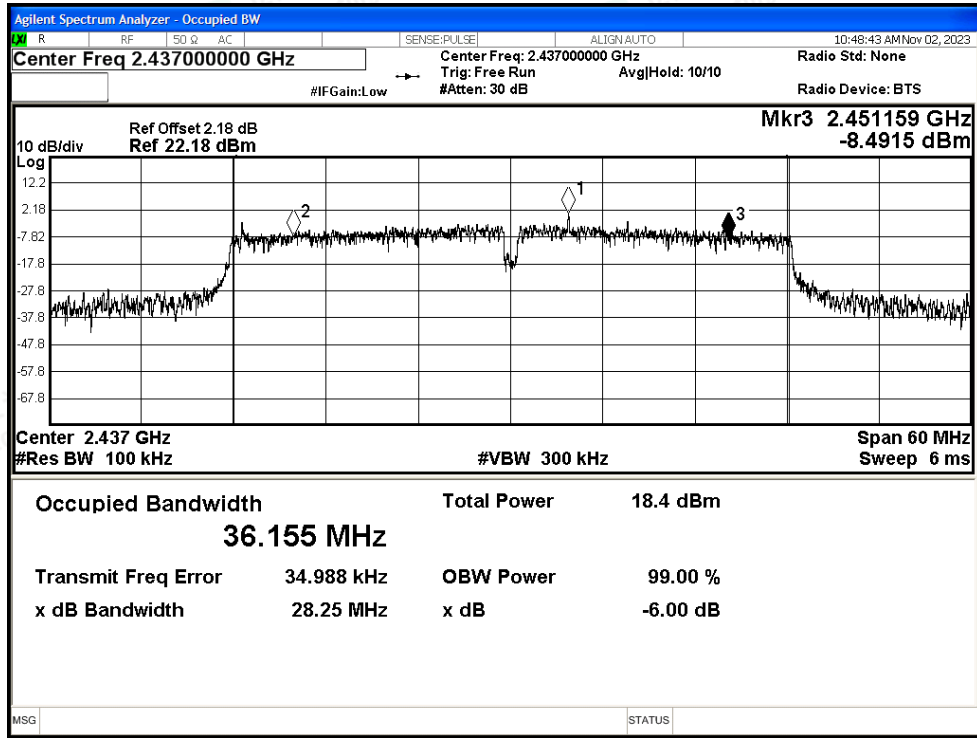


-6dB Bandwidth NVNT n40 2422MHz Ant1

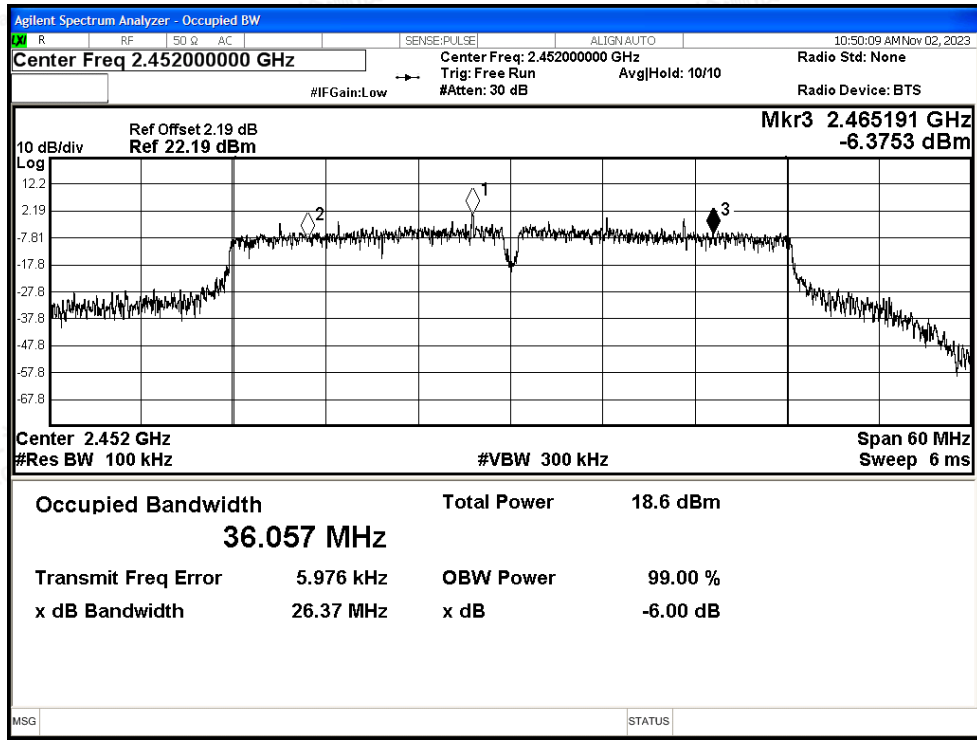




-6dB Bandwidth NVNT n40 2437MHz Ant1

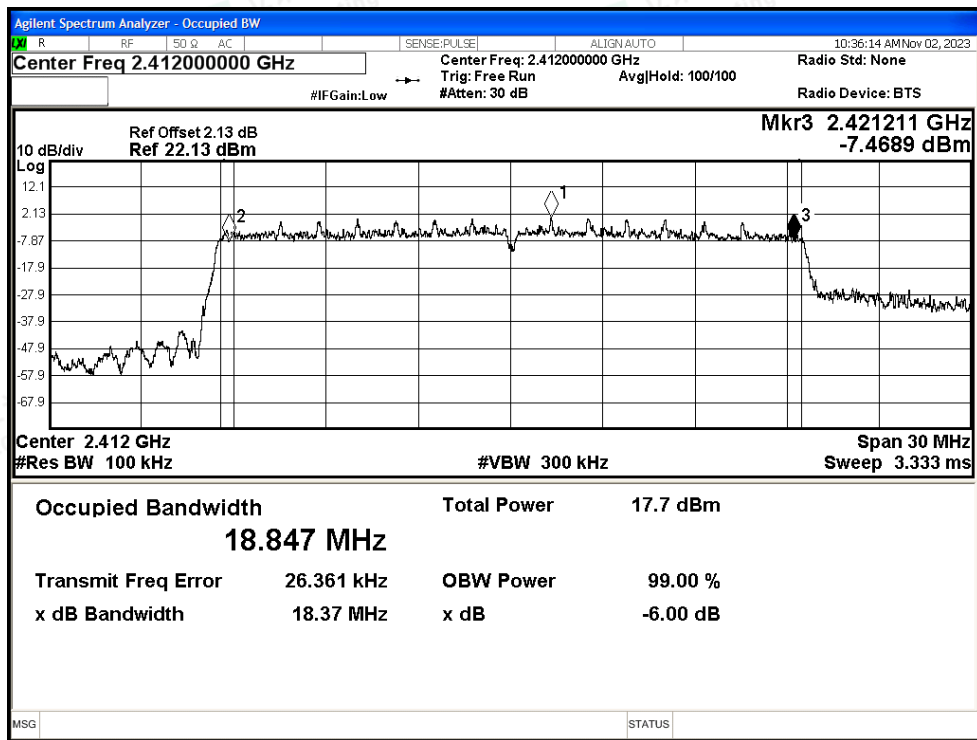


-6dB Bandwidth NVNT n40 2452MHz Ant1

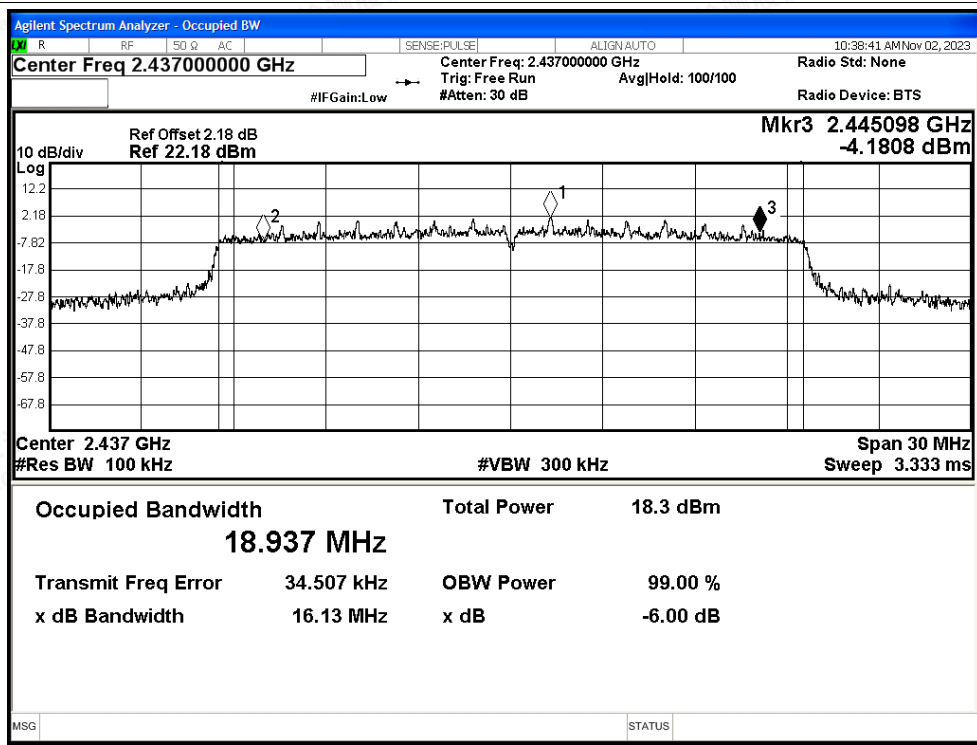




-6dB Bandwidth NVNT ax20 2412MHz Ant1

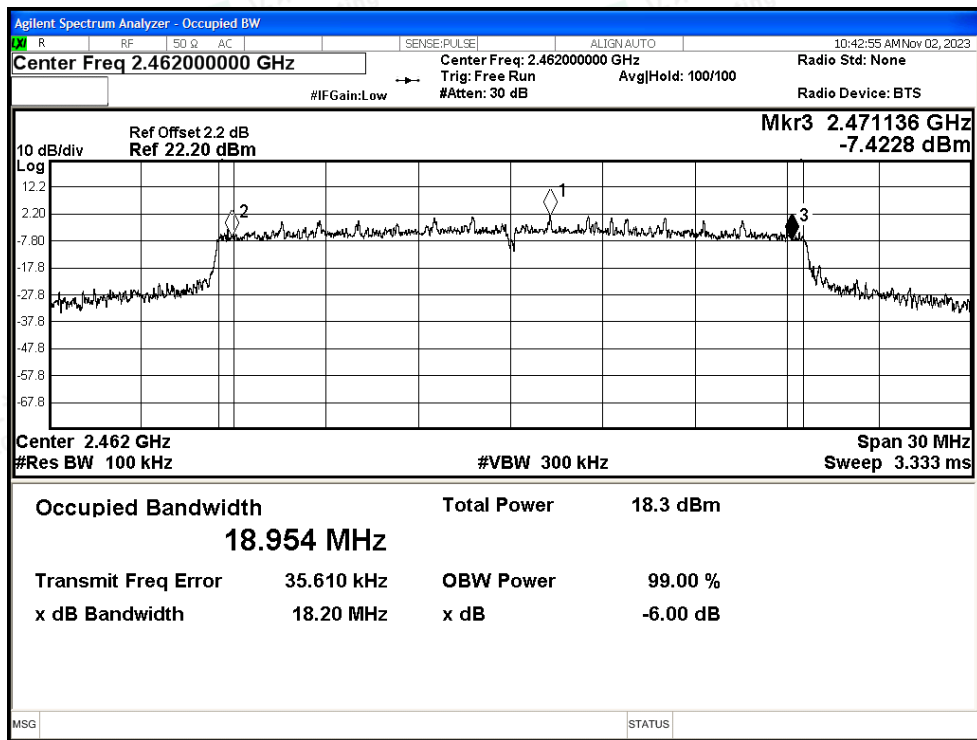


-6dB Bandwidth NVNT ax20 2437MHz Ant1

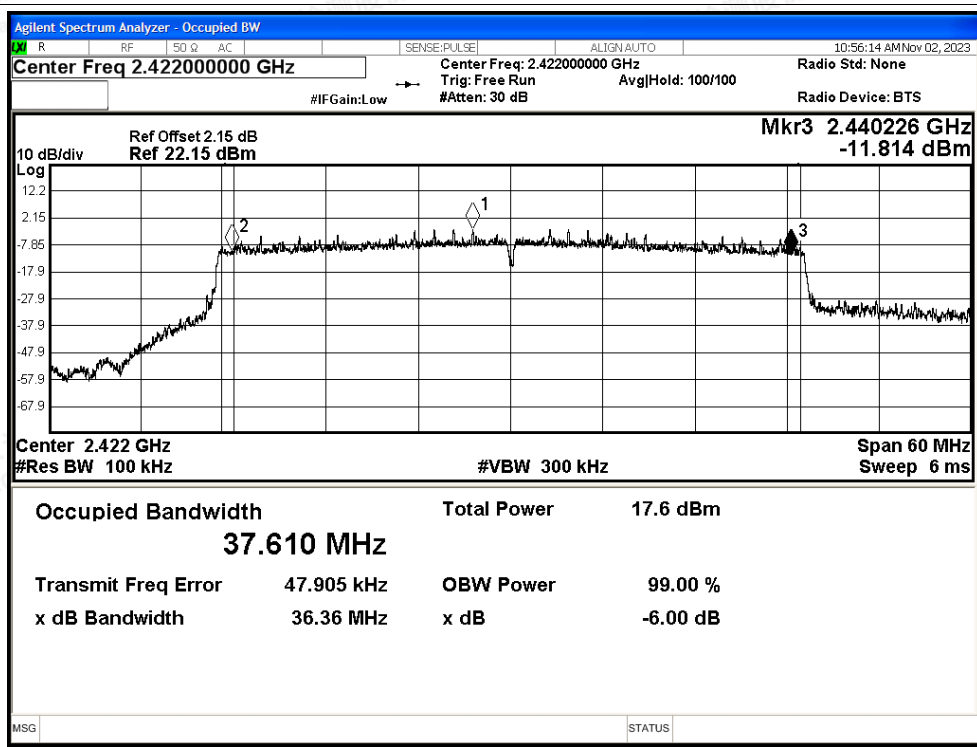




-6dB Bandwidth NVNT ax20 2462MHz Ant1

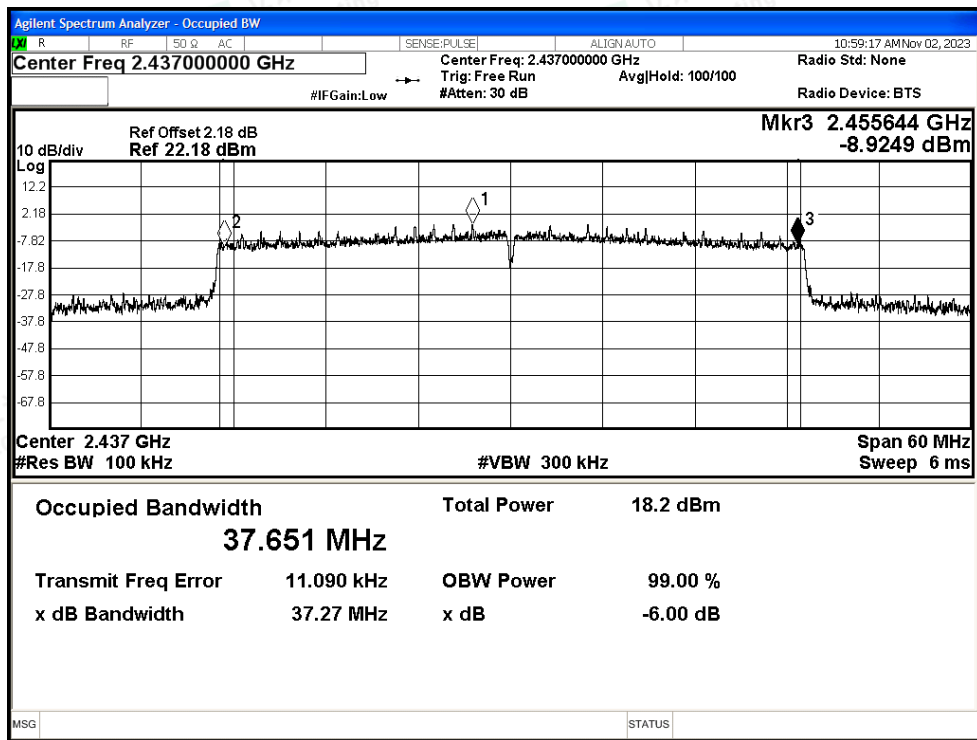


-6dB Bandwidth NVNT ax40 2422MHz Ant1

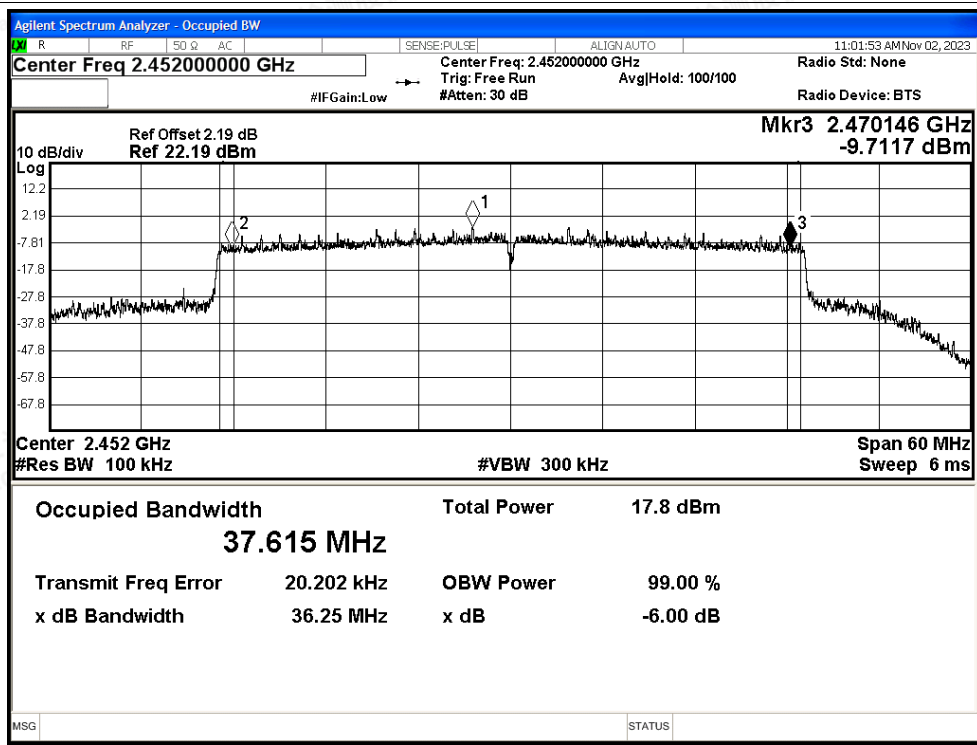




-6dB Bandwidth NVNT ax40 2437MHz Ant1



-6dB Bandwidth NVNT ax40 2452MHz Ant1





### A.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-------------------|-------------|---------|
| NVNT      | b    | 2412            | Ant0    | 16.92             | 30          | Pass    |
| NVNT      | b    | 2437            | Ant0    | 17.13             | 30          | Pass    |
| NVNT      | b    | 2462            | Ant0    | 17.17             | 30          | Pass    |
| NVNT      | g    | 2412            | Ant0    | 17.10             | 30          | Pass    |
| NVNT      | g    | 2437            | Ant0    | 17.11             | 30          | Pass    |
| NVNT      | g    | 2462            | Ant0    | 17.39             | 30          | Pass    |
| NVNT      | n20  | 2412            | Ant0    | 16.88             | 30          | Pass    |
| NVNT      | n20  | 2437            | Ant0    | 17.20             | 30          | Pass    |
| NVNT      | n20  | 2462            | Ant0    | 16.88             | 30          | Pass    |
| NVNT      | n40  | 2422            | Ant0    | 16.35             | 30          | Pass    |
| NVNT      | n40  | 2437            | Ant0    | 16.88             | 30          | Pass    |
| NVNT      | n40  | 2452            | Ant0    | 17.08             | 30          | Pass    |
| NVNT      | ax20 | 2412            | Ant0    | 16.62             | 30          | Pass    |
| NVNT      | ax20 | 2437            | Ant0    | 16.67             | 30          | Pass    |
| NVNT      | ax20 | 2462            | Ant0    | 16.66             | 30          | Pass    |
| NVNT      | ax40 | 2422            | Ant0    | 17.02             | 30          | Pass    |
| NVNT      | ax40 | 2437            | Ant0    | 17.06             | 30          | Pass    |
| NVNT      | ax40 | 2452            | Ant0    | 17.15             | 30          | Pass    |

| Condition | Mode | Frequency (MHz) | Antenna | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-------------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | 16.97             | 30          | Pass    |
| NVNT      | b    | 2437            | Ant1    | 17.05             | 30          | Pass    |
| NVNT      | b    | 2462            | Ant1    | 17.24             | 30          | Pass    |
| NVNT      | g    | 2412            | Ant1    | 16.99             | 30          | Pass    |
| NVNT      | g    | 2437            | Ant1    | 17.26             | 30          | Pass    |
| NVNT      | g    | 2462            | Ant1    | 17.33             | 30          | Pass    |
| NVNT      | n20  | 2412            | Ant1    | 16.93             | 30          | Pass    |
| NVNT      | n20  | 2437            | Ant1    | 17.18             | 30          | Pass    |
| NVNT      | n20  | 2462            | Ant1    | 16.87             | 30          | Pass    |
| NVNT      | n40  | 2422            | Ant1    | 16.69             | 30          | Pass    |
| NVNT      | n40  | 2437            | Ant1    | 16.96             | 30          | Pass    |
| NVNT      | n40  | 2452            | Ant1    | 17.02             | 30          | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | 16.53             | 30          | Pass    |
| NVNT      | ax20 | 2437            | Ant1    | 17.17             | 30          | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | 17.12             | 30          | Pass    |
| NVNT      | ax40 | 2422            | Ant1    | 16.53             | 30          | Pass    |
| NVNT      | ax40 | 2437            | Ant1    | 17.27             | 30          | Pass    |
| NVNT      | ax40 | 2452            | Ant1    | 16.79             | 30          | Pass    |



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MIMO

| Condition | Mode  | Frequency (MHz) | Total Power (dBm) |       |           | Limit (dBm) | Verdict |
|-----------|-------|-----------------|-------------------|-------|-----------|-------------|---------|
|           |       |                 | Ant0              | Ant1  | Ant0+Ant1 |             |         |
| NVNT      | n20   | 2412            | 16.88             | 16.93 | 19.92     | 30          | Pass    |
| NVNT      | n20   | 2437            | 17.20             | 17.18 | 20.20     | 30          | Pass    |
| NVNT      | n20   | 2462            | 16.88             | 16.87 | 19.89     | 30          | Pass    |
| NVNT      | n40   | 2422            | 16.35             | 16.69 | 19.53     | 30          | Pass    |
| NVNT      | n40   | 2437            | 16.88             | 16.96 | 19.93     | 30          | Pass    |
| NVNT      | n40   | 2452            | 17.08             | 17.02 | 20.06     | 30          | Pass    |
| NVNT      | ax20  | 2412            | 16.62             | 16.53 | 19.59     | 30          | Pass    |
| NVNT      | ax 20 | 2437            | 16.67             | 17.17 | 19.94     | 30          | Pass    |
| NVNT      | ax 20 | 2462            | 16.66             | 17.12 | 19.91     | 30          | Pass    |
| NVNT      | ax 40 | 2422            | 17.02             | 16.53 | 19.79     | 30          | Pass    |
| NVNT      | ax 40 | 2437            | 17.06             | 17.27 | 20.18     | 30          | Pass    |
| NVNT      | ax 40 | 2452            | 17.15             | 16.79 | 19.98     | 30          | Pass    |



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### A.3 Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Total PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|------|-----------------|---------|----------------------|------------------|---------|
| NVNT      | b    | 2412            | Ant0    | -6.85                | 8                | Pass    |
| NVNT      | b    | 2437            | Ant0    | -7.57                | 8                | Pass    |
| NVNT      | b    | 2462            | Ant0    | -6.52                | 8                | Pass    |
| NVNT      | g    | 2412            | Ant0    | -10.92               | 8                | Pass    |
| NVNT      | g    | 2437            | Ant0    | -10.53               | 8                | Pass    |
| NVNT      | g    | 2462            | Ant0    | -10.79               | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant0    | -10.68               | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant0    | -10.53               | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant0    | -12.63               | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant0    | -14.83               | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant0    | -13.14               | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant0    | -12.84               | 8                | Pass    |
| NVNT      | ax20 | 2412            | Ant0    | -14.52               | 8                | Pass    |
| NVNT      | ax20 | 2437            | Ant0    | -14.57               | 8                | Pass    |
| NVNT      | ax20 | 2462            | Ant0    | -13.16               | 8                | Pass    |
| NVNT      | ax40 | 2422            | Ant0    | -16.01               | 8                | Pass    |
| NVNT      | ax40 | 2437            | Ant0    | -16.56               | 8                | Pass    |
| NVNT      | ax40 | 2452            | Ant0    | -17.15               | 8                | Pass    |

| Condition | Mode | Frequency (MHz) | Antenna | Total PSD (dBm/3kHz) | Limit (dBm/3kHz) | Verdict |
|-----------|------|-----------------|---------|----------------------|------------------|---------|
| NVNT      | b    | 2412            | Ant1    | -6.78                | 8                | Pass    |
| NVNT      | b    | 2437            | Ant1    | -7.51                | 8                | Pass    |
| NVNT      | b    | 2462            | Ant1    | -5.34                | 8                | Pass    |
| NVNT      | g    | 2412            | Ant1    | -10.3                | 8                | Pass    |
| NVNT      | g    | 2437            | Ant1    | -10.23               | 8                | Pass    |
| NVNT      | g    | 2462            | Ant1    | -9.94                | 8                | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -10.66               | 8                | Pass    |
| NVNT      | n20  | 2437            | Ant1    | -10.06               | 8                | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -12.50               | 8                | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -14.48               | 8                | Pass    |
| NVNT      | n40  | 2437            | Ant1    | -12.46               | 8                | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -13.24               | 8                | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | -14.30               | 8                | Pass    |
| NVNT      | ax20 | 2437            | Ant1    | -14.40               | 8                | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | -14.01               | 8                | Pass    |
| NVNT      | ax40 | 2422            | Ant1    | -16.74               | 8                | Pass    |



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 Scan code to check authenticity





|      |      |      |      |        |   |      |
|------|------|------|------|--------|---|------|
| NVNT | ax40 | 2437 | Ant1 | -15.76 | 8 | Pass |
| NVNT | ax40 | 2452 | Ant1 | -16.38 | 8 | Pass |

MIMO

| Condition | Mode  | Frequency (MHz) | Total PSD (dBm/3kHz) |        |           | Limit (dBm) | Verdict |
|-----------|-------|-----------------|----------------------|--------|-----------|-------------|---------|
|           |       |                 | Ant0                 | Ant1   | Ant0+Ant1 |             |         |
| NVNT      | n20   | 2412            | -10.68               | -10.66 | -7.66     | 7.99        | Pass    |
| NVNT      | n20   | 2437            | -10.53               | -10.06 | -7.28     | 7.99        | Pass    |
| NVNT      | n20   | 2462            | -12.63               | -12.50 | -9.55     | 7.99        | Pass    |
| NVNT      | n40   | 2422            | -14.83               | -14.48 | -11.64    | 7.99        | Pass    |
| NVNT      | n40   | 2437            | -13.14               | -12.46 | -9.78     | 7.99        | Pass    |
| NVNT      | n40   | 2452            | -12.84               | -13.24 | -10.03    | 7.99        | Pass    |
| NVNT      | ax20  | 2412            | -14.52               | -14.30 | -11.40    | 7.99        | Pass    |
| NVNT      | ax 20 | 2437            | -14.57               | -14.40 | -11.47    | 7.99        | Pass    |
| NVNT      | ax 20 | 2462            | -13.16               | -14.01 | -10.55    | 7.99        | Pass    |
| NVNT      | ax 40 | 2422            | -16.01               | -16.74 | -13.35    | 7.99        | Pass    |
| NVNT      | ax 40 | 2437            | -16.56               | -15.76 | -13.13    | 7.99        | Pass    |
| NVNT      | ax 40 | 2452            | -17.15               | -16.38 | -13.74    | 7.99        | Pass    |

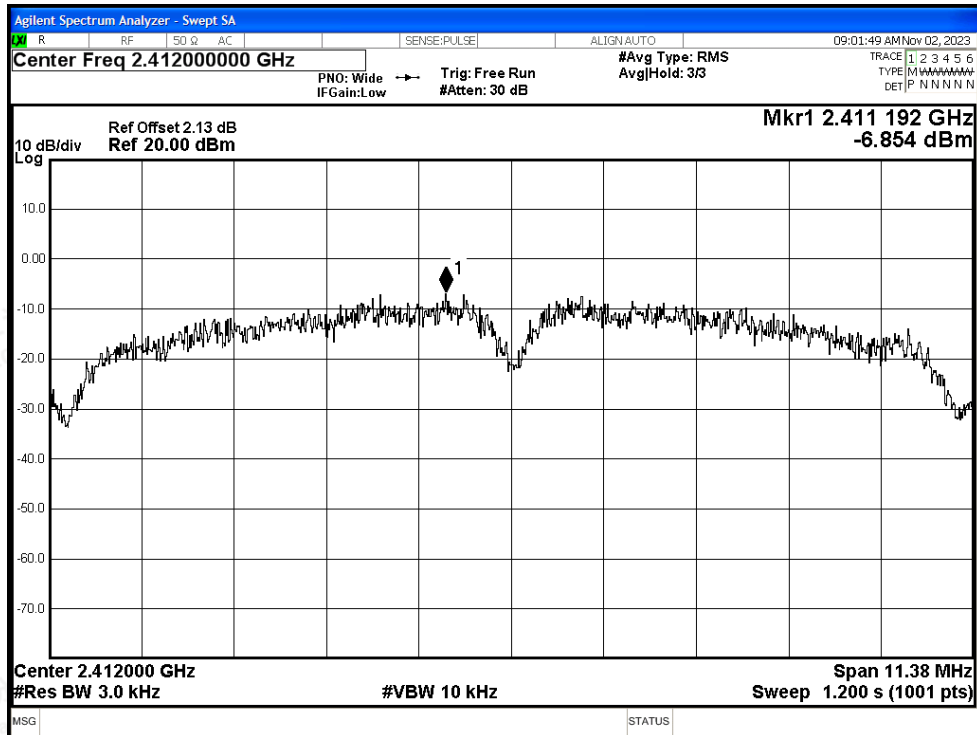


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 Scan code to check authenticity

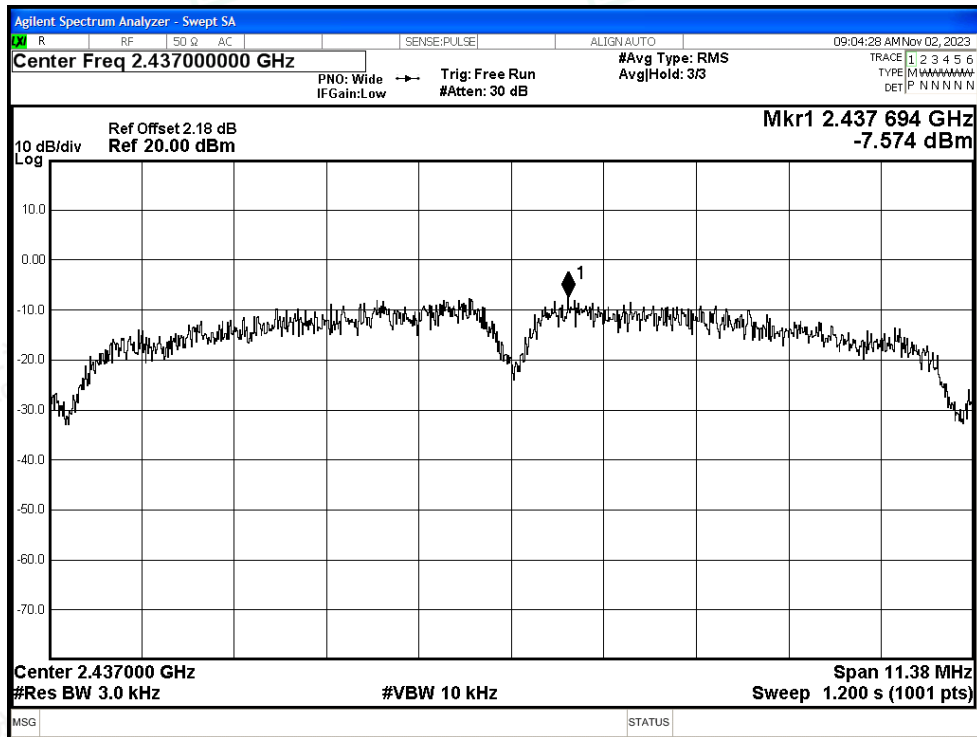


Test Graphs

PSD NVNT b 2412MHz Ant0

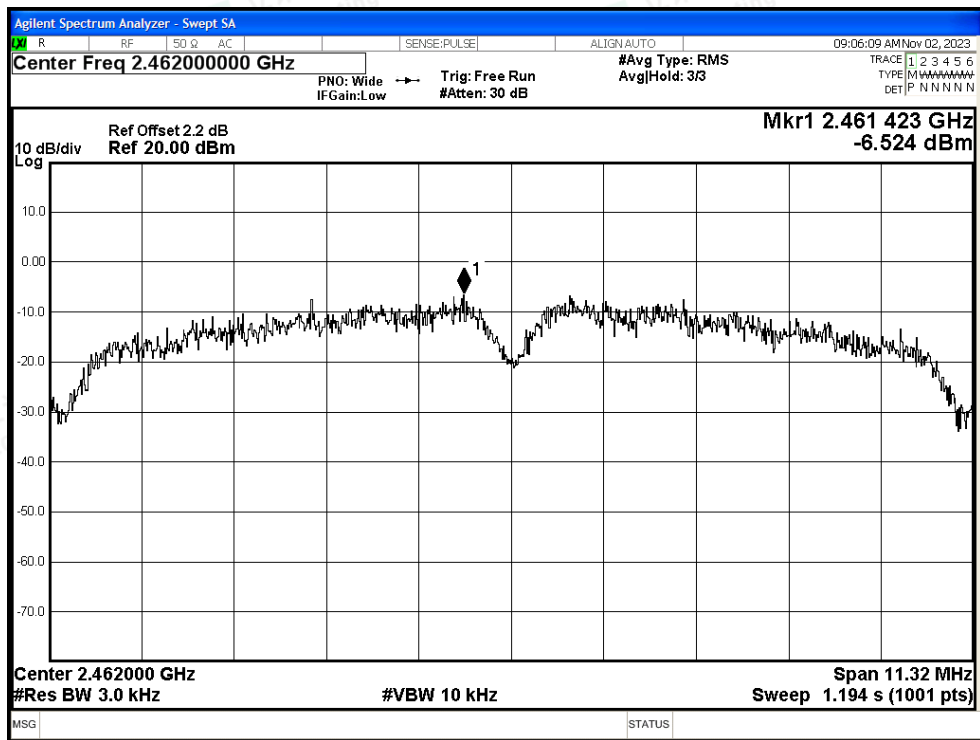


PSD NVNT b 2437MHz Ant0

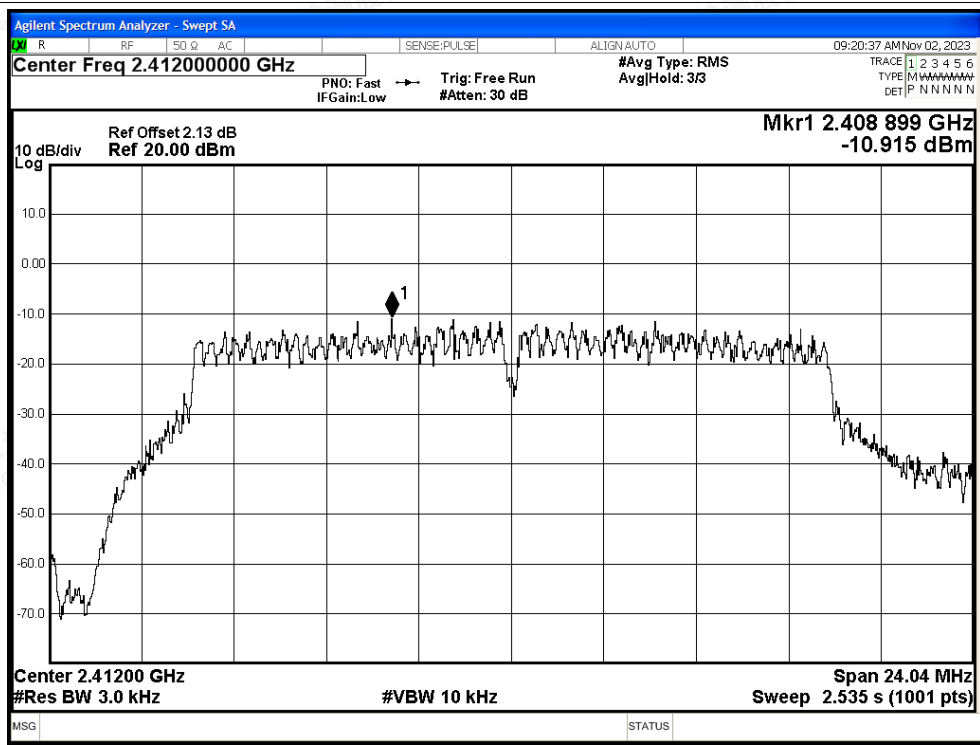




PSD NVNT b 2462MHz Ant0

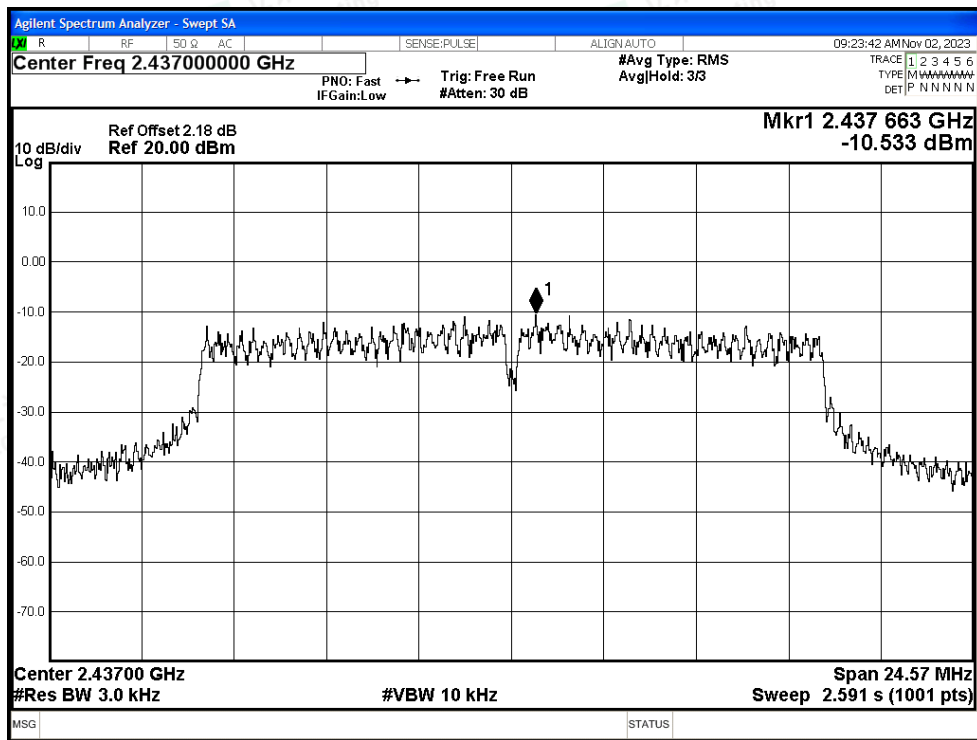


PSD NVNT g 2412MHz Ant0

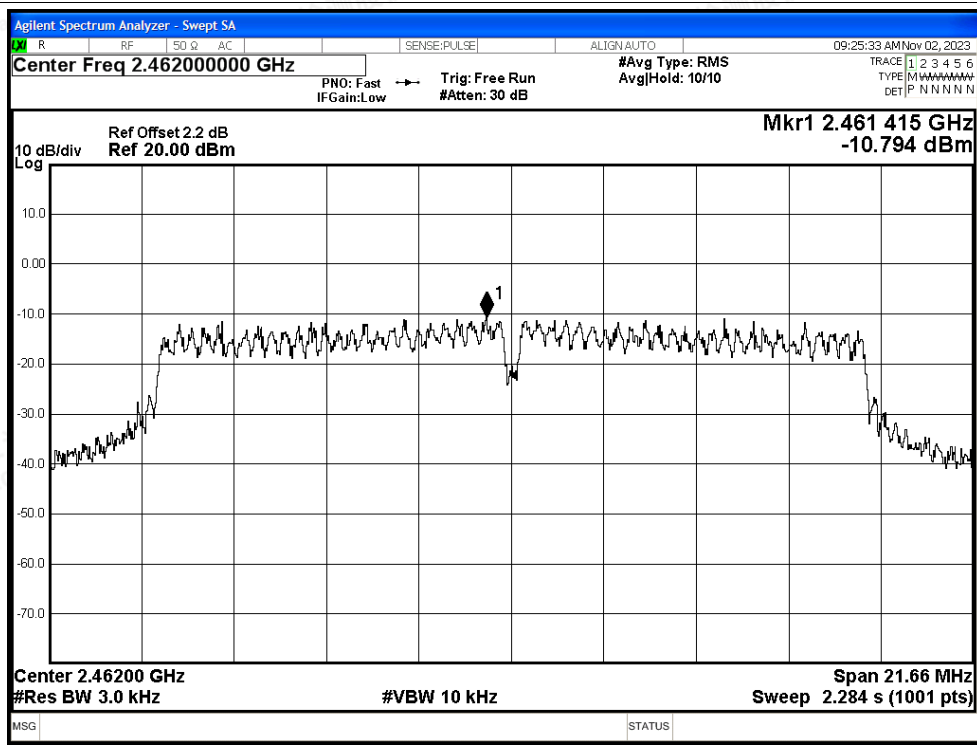




PSD NVNT g 2437MHz Ant0

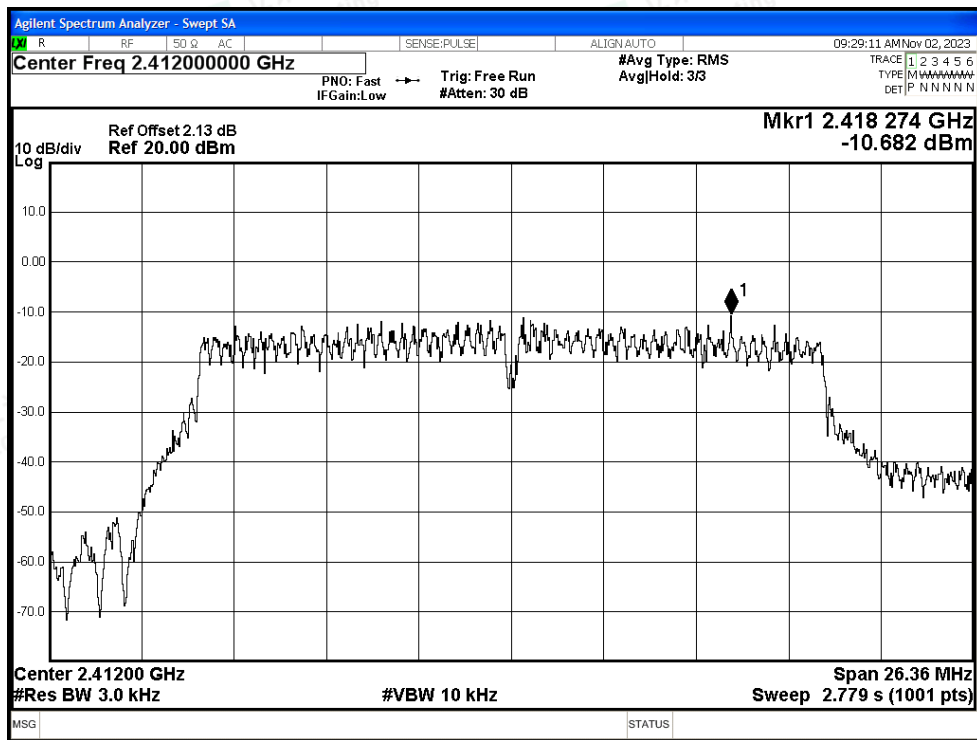


PSD NVNT g 2462MHz Ant0

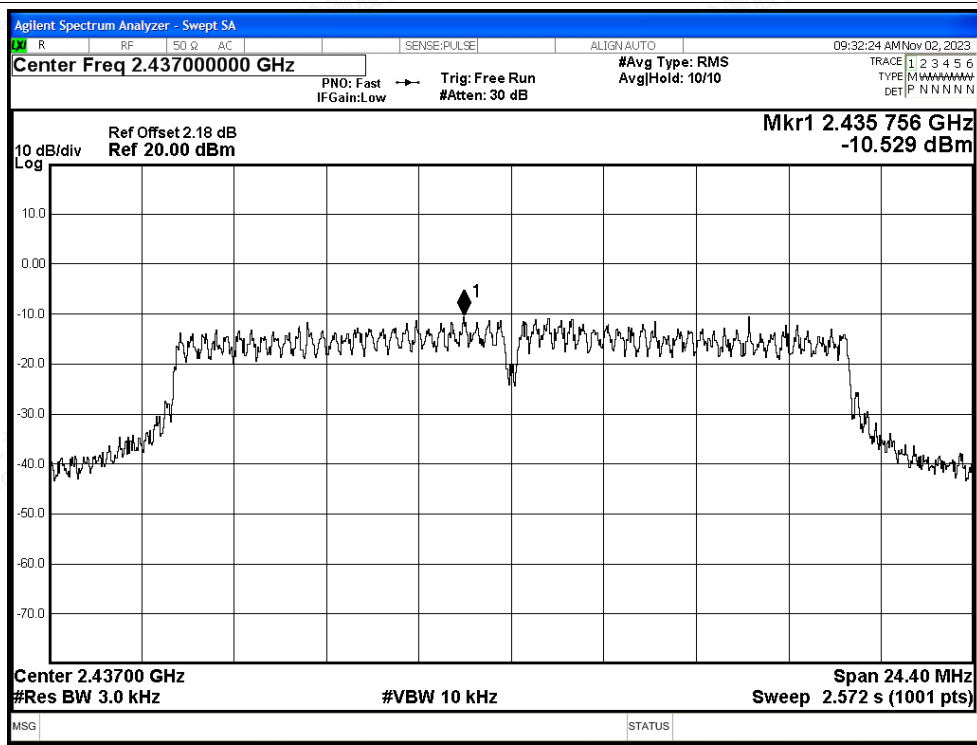


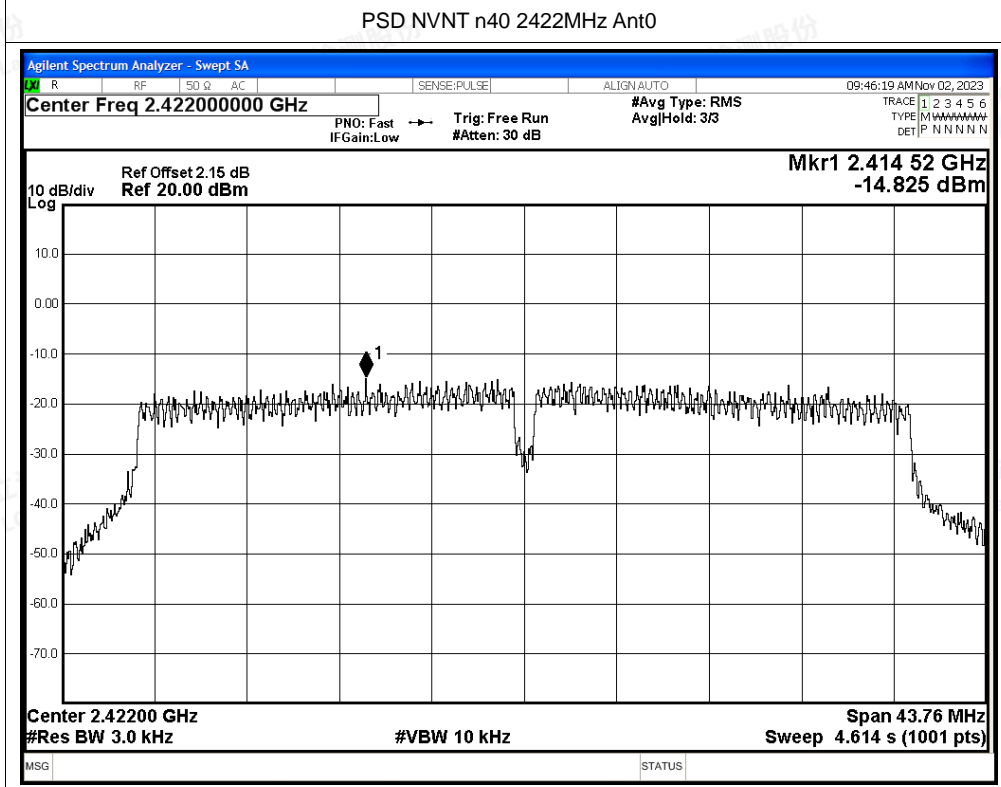
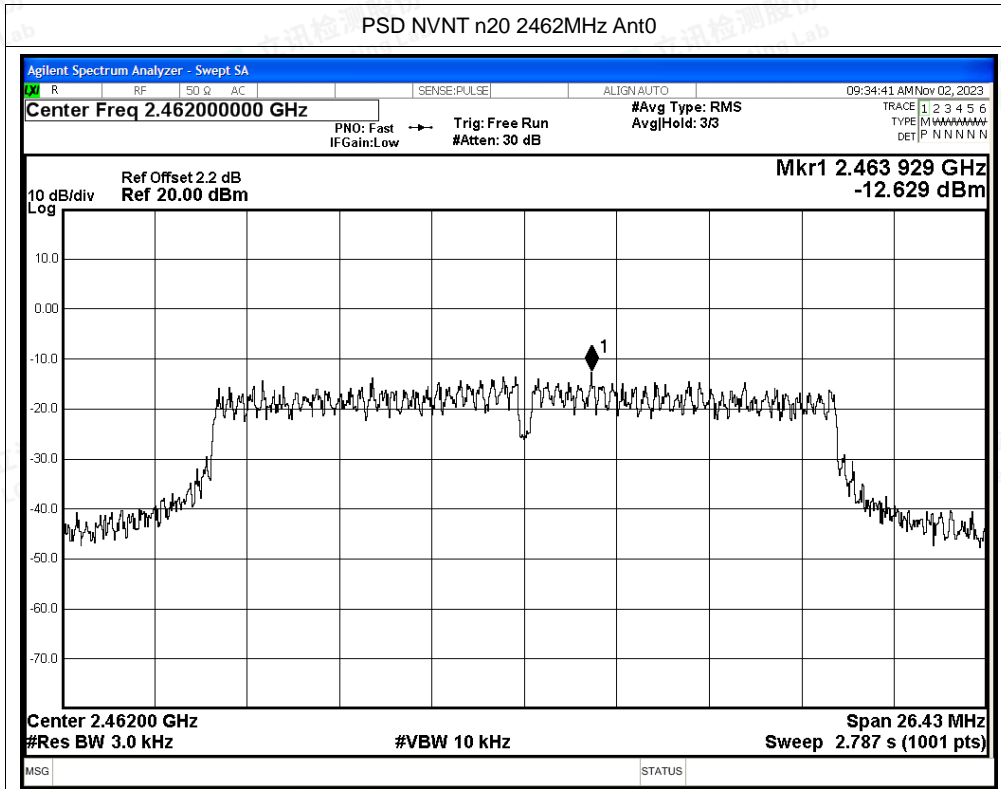


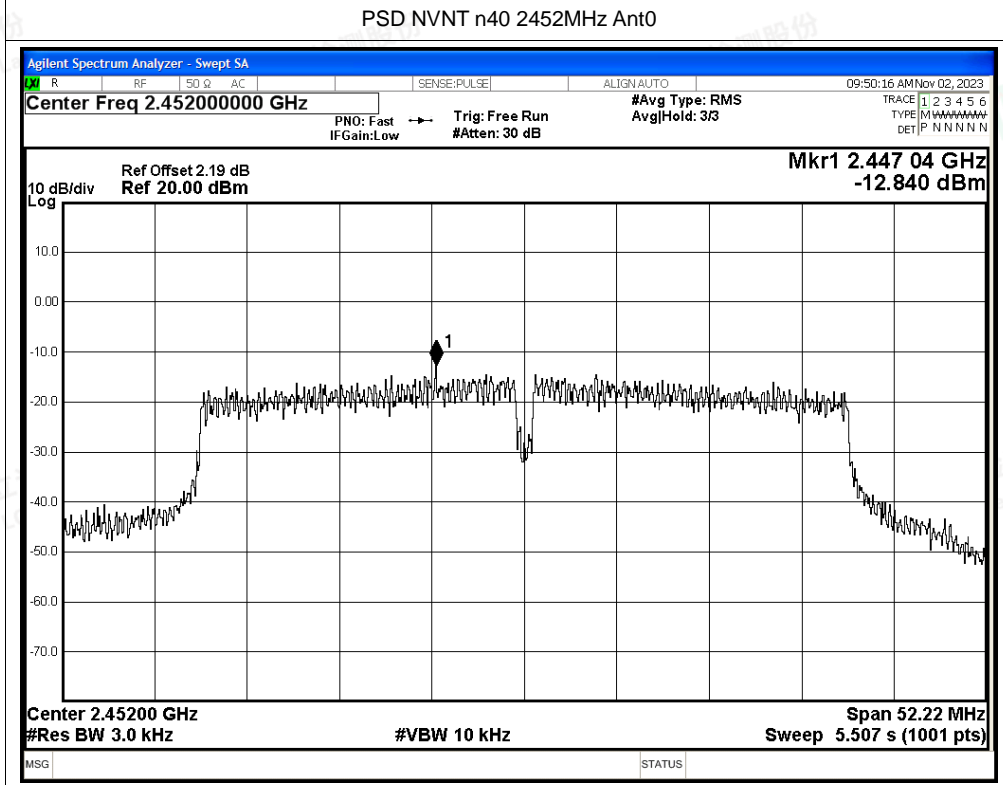
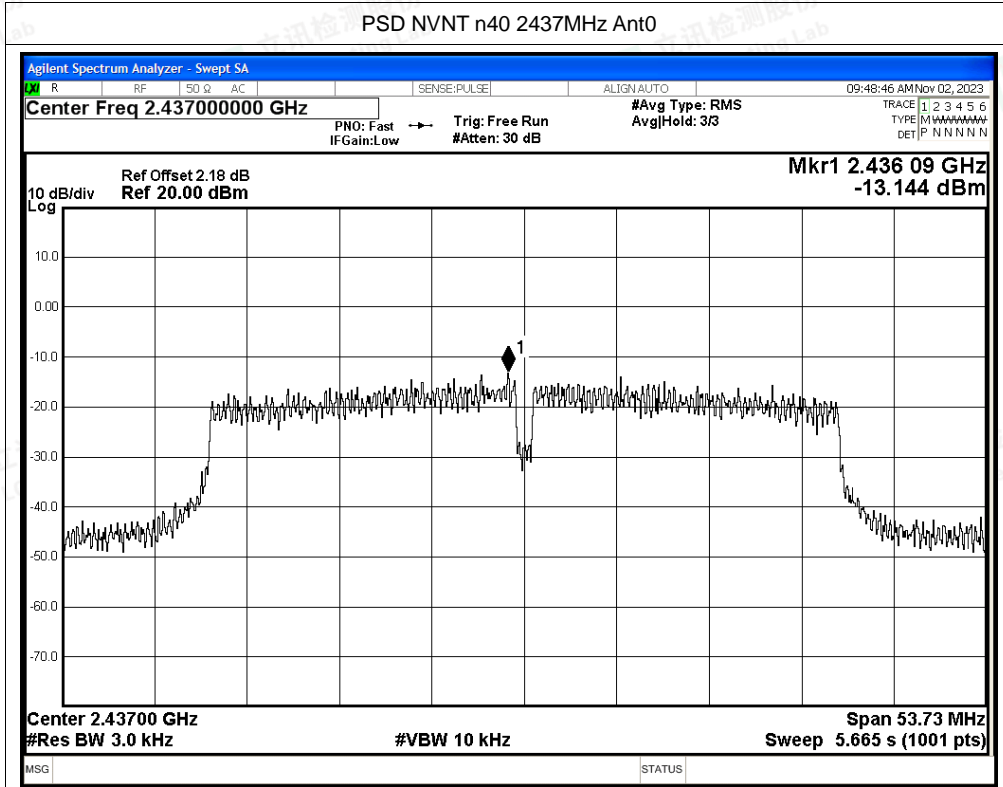
PSD NVNT n20 2412MHz Ant0

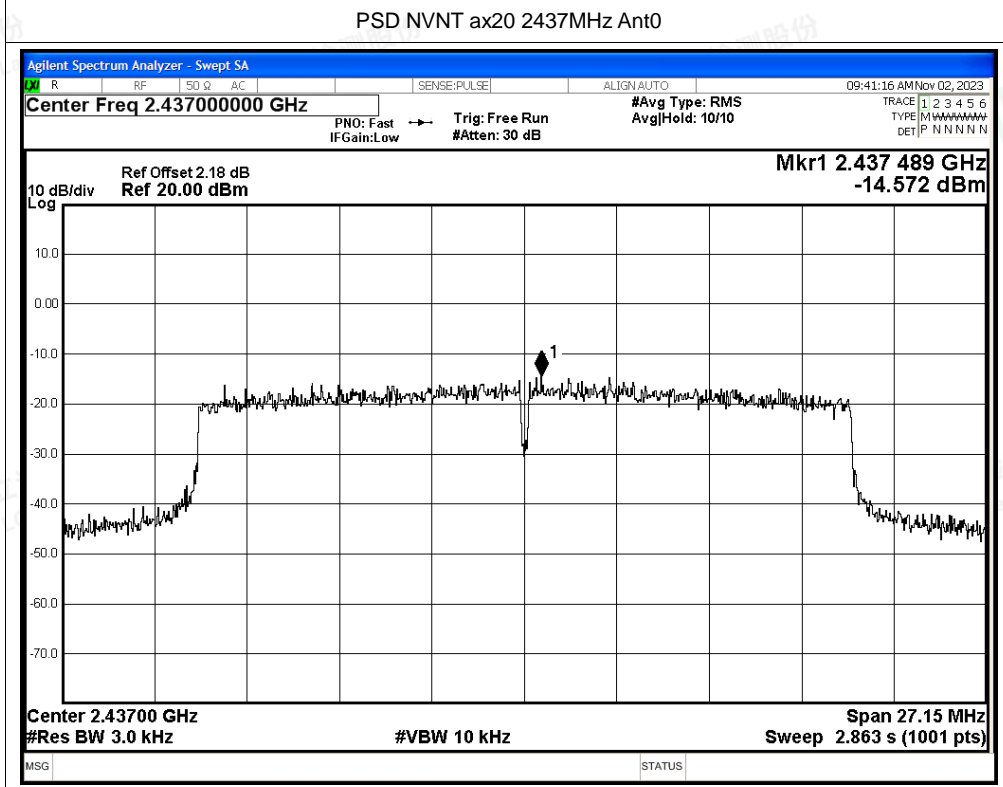
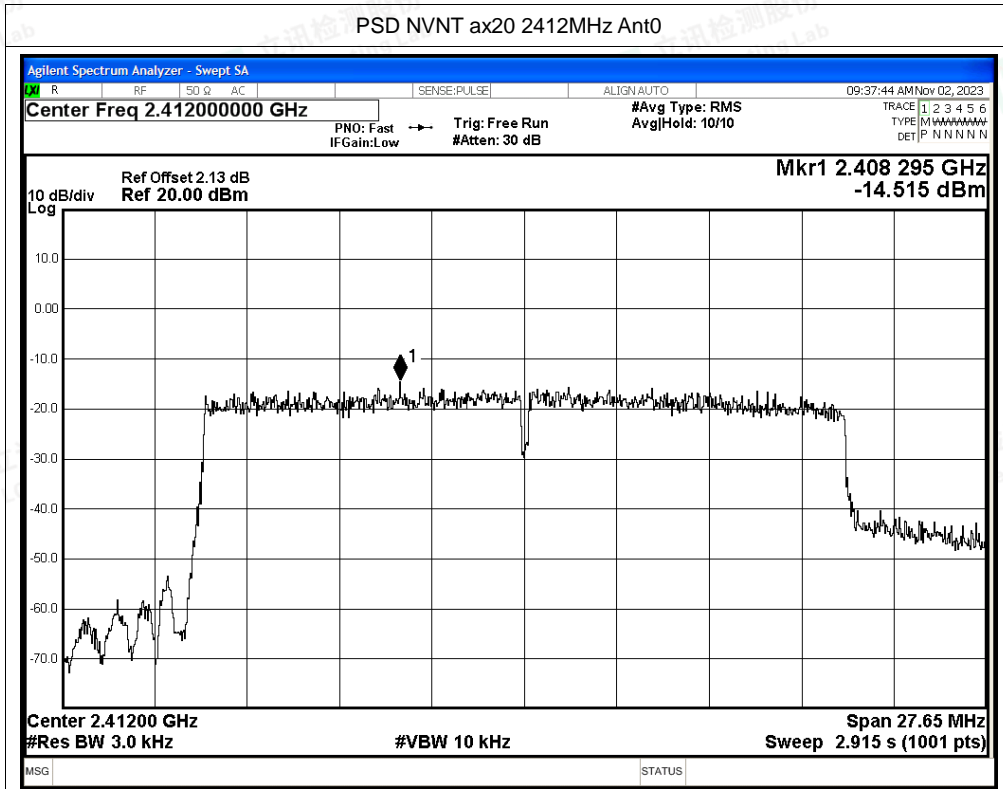


PSD NVNT n20 2437MHz Ant0

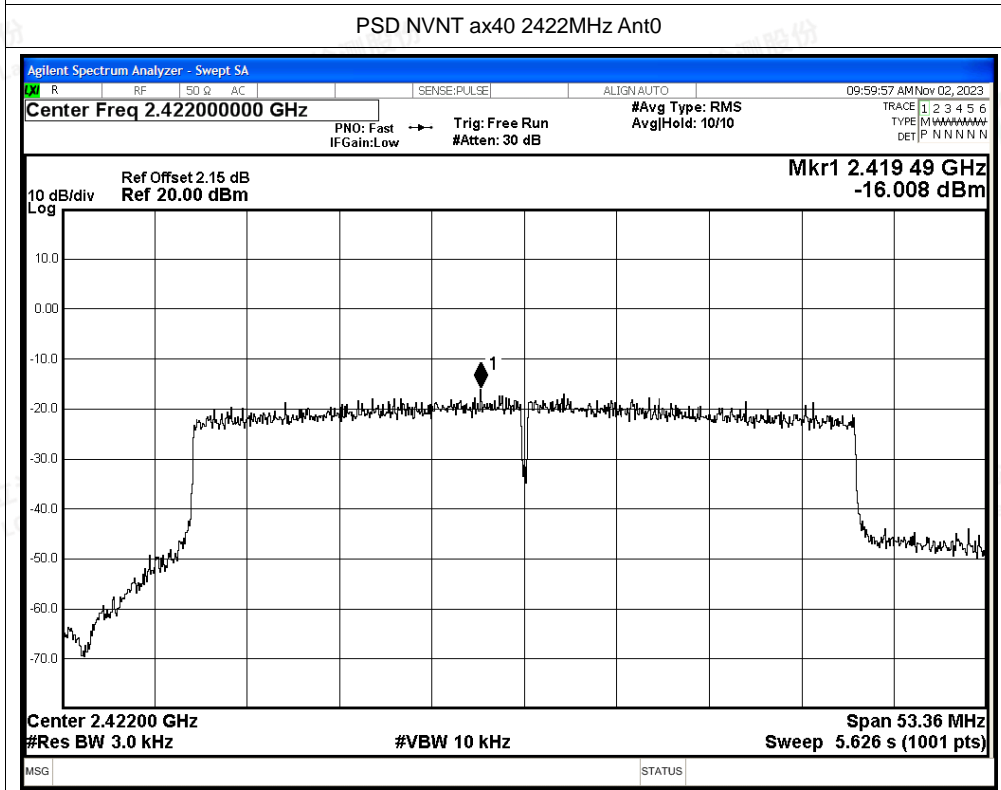
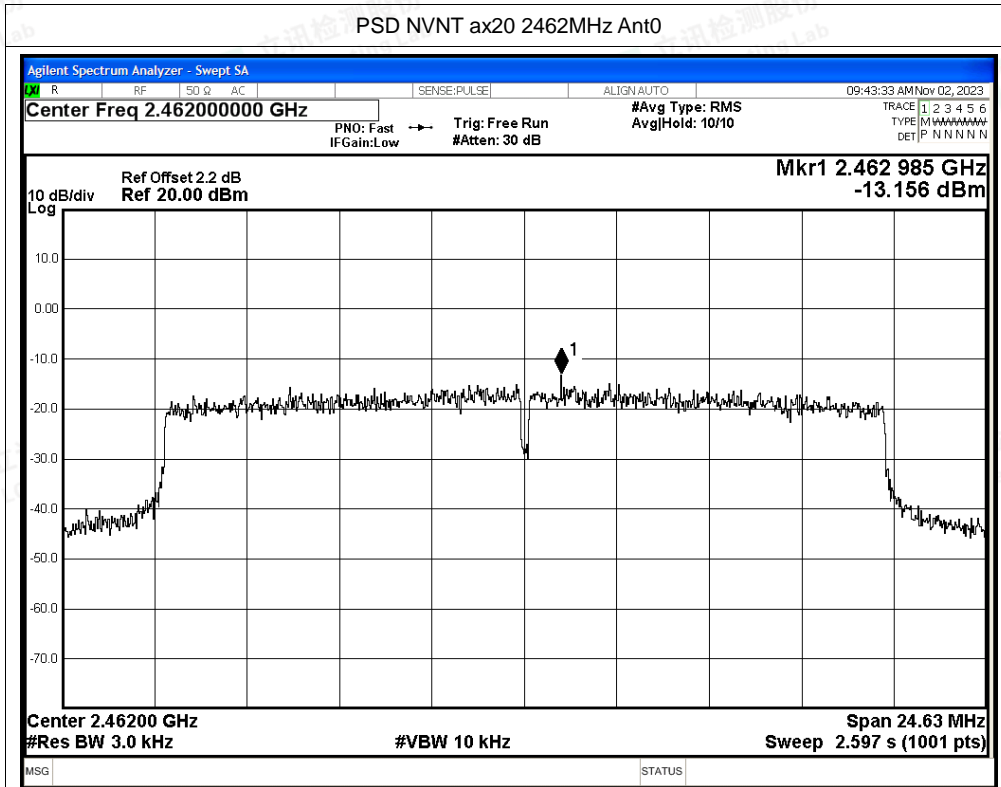


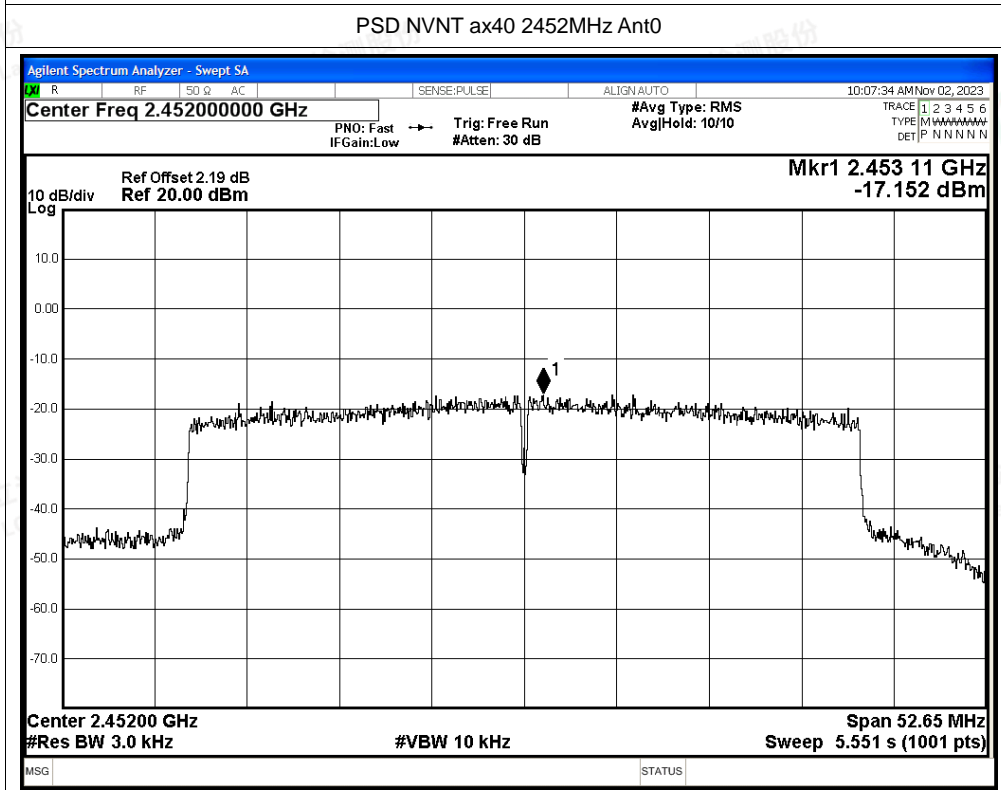
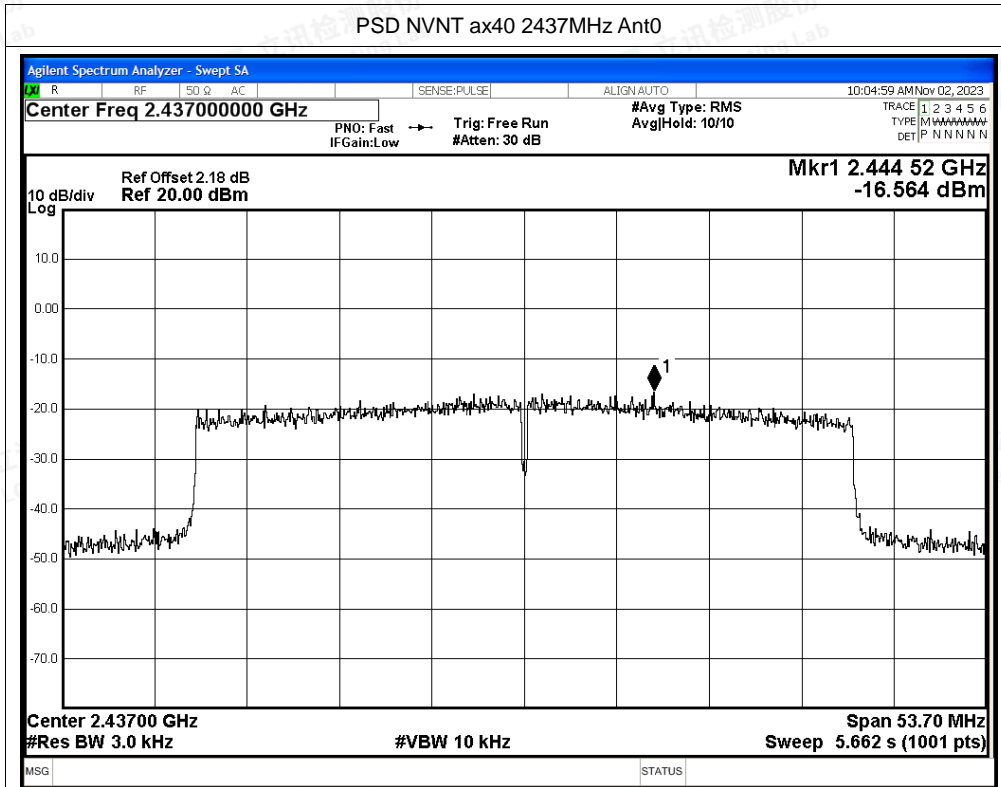








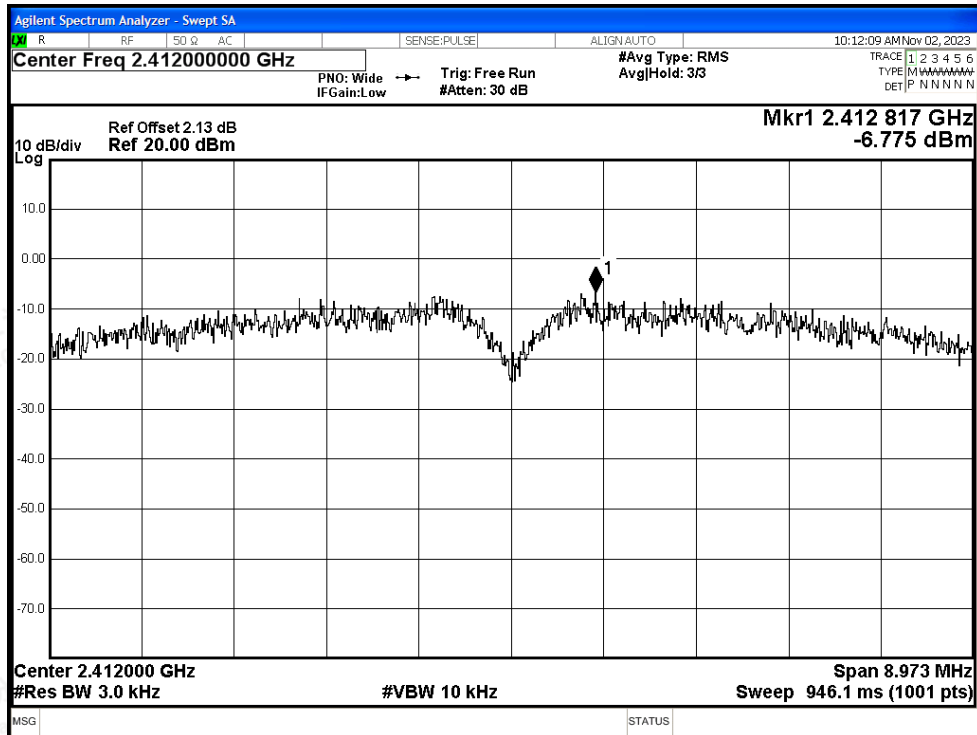




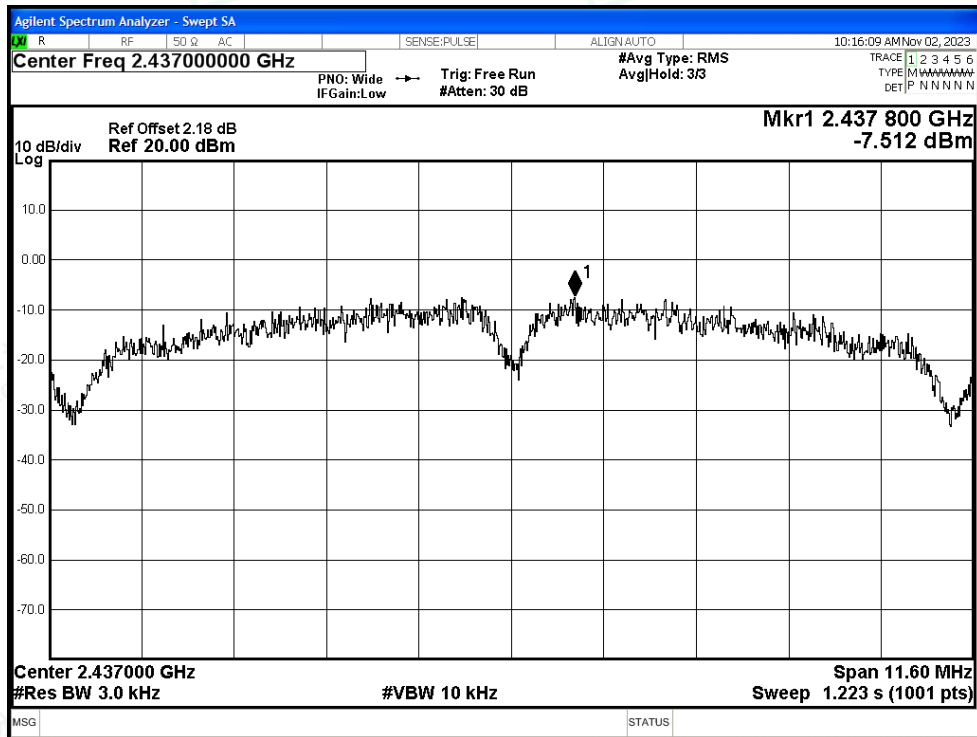


Test Graphs

PSD NVNT b 2412MHz Ant1

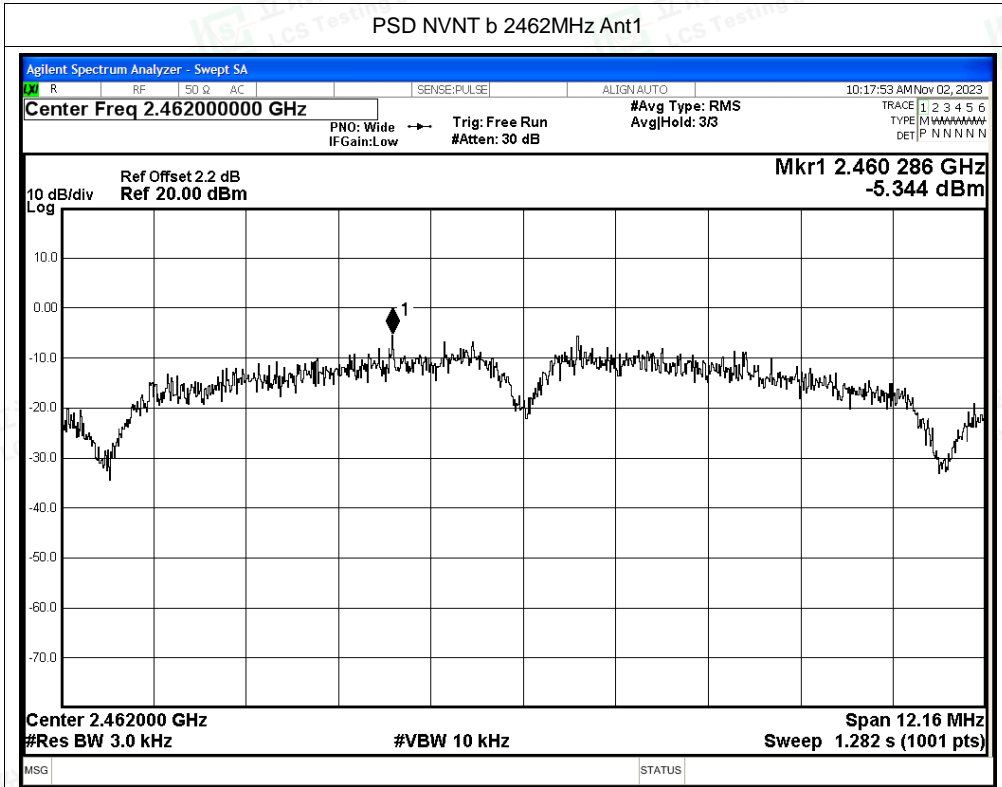


PSD NVNT b 2437MHz Ant1

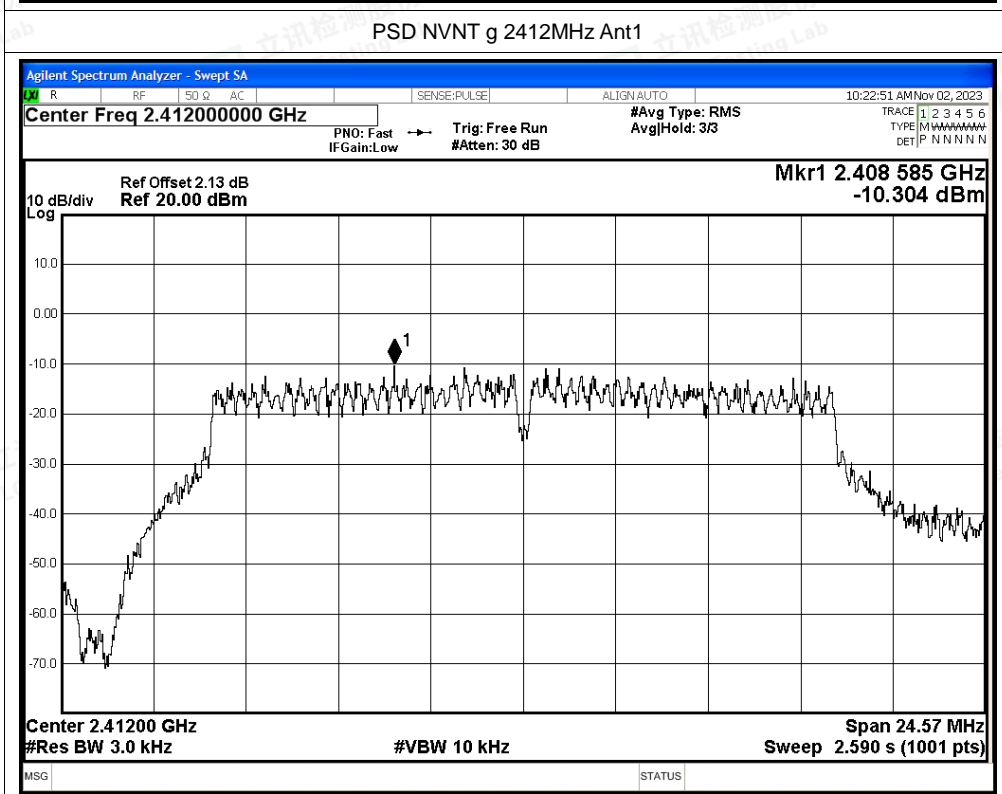




PSD NVNT b 2462MHz Ant1

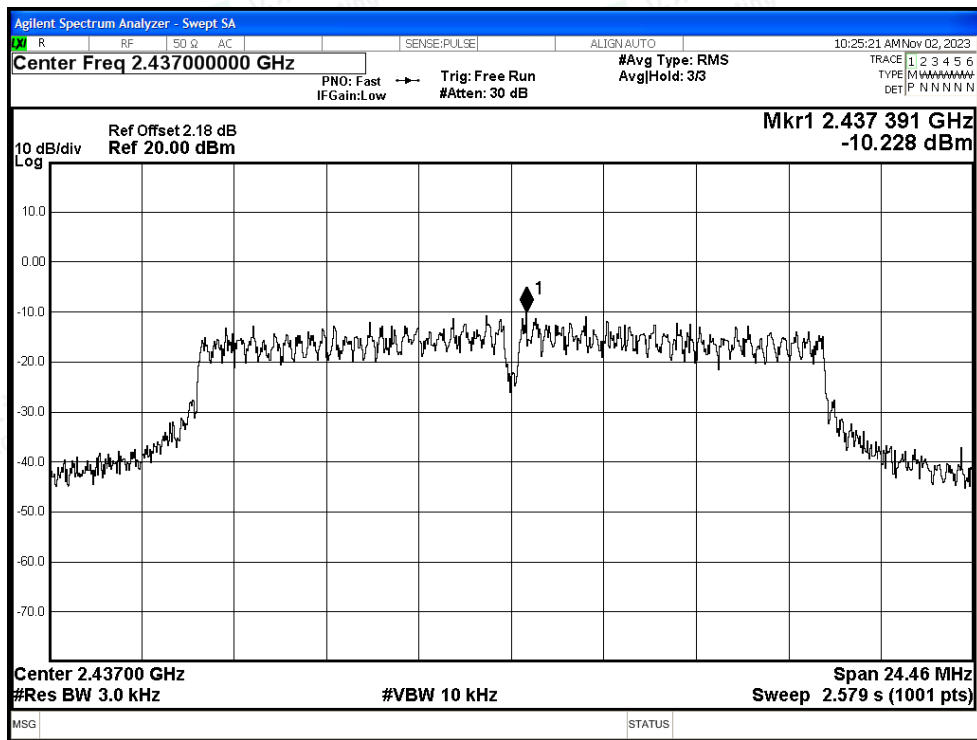


PSD NVNT g 2412MHz Ant1

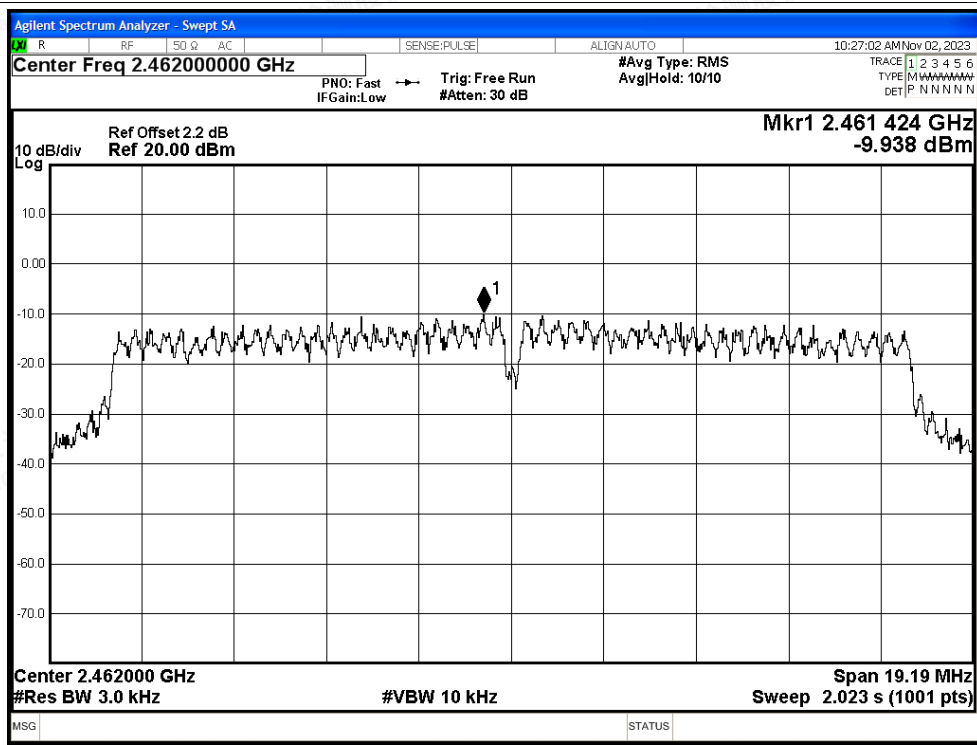


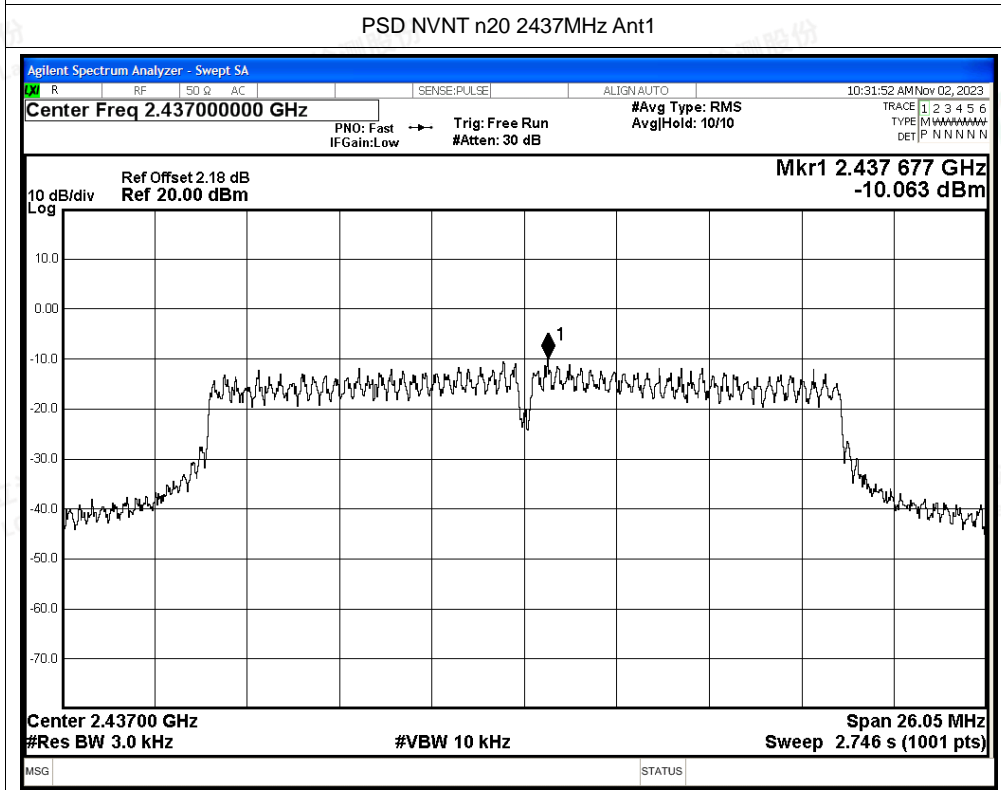
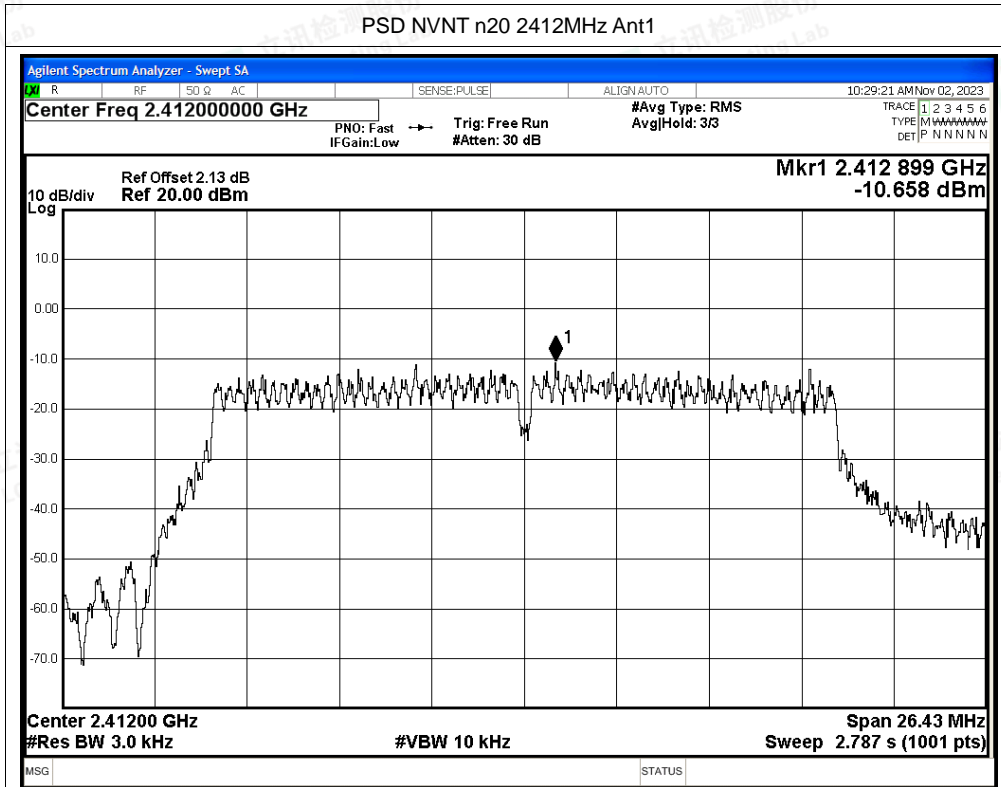


PSD NVNT g 2437MHz Ant1



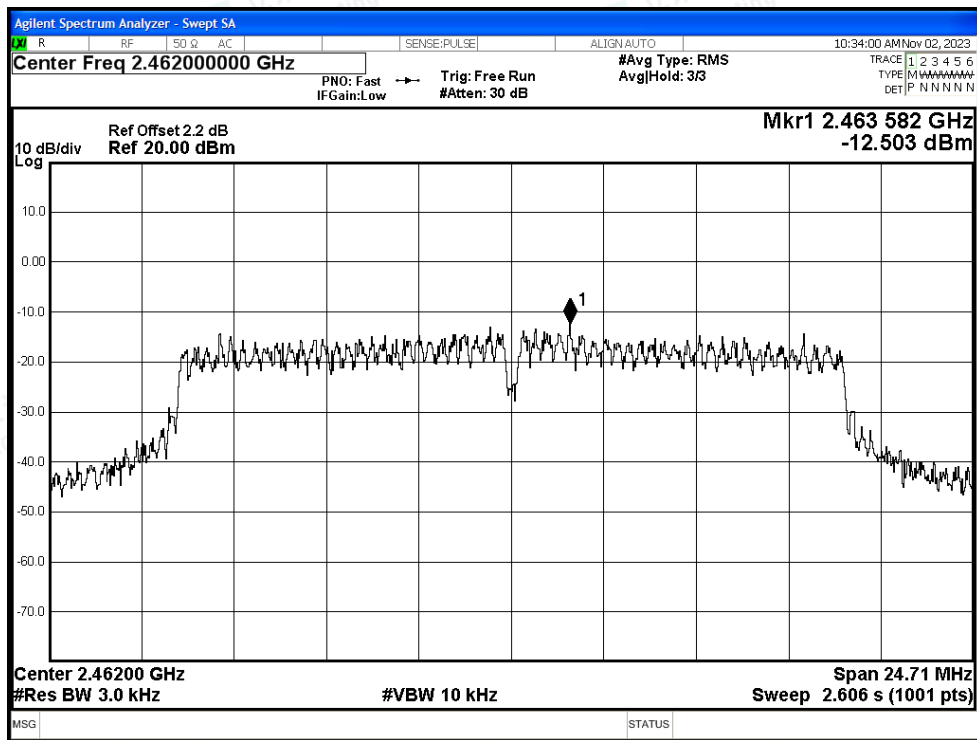
PSD NVNT g 2462MHz Ant1



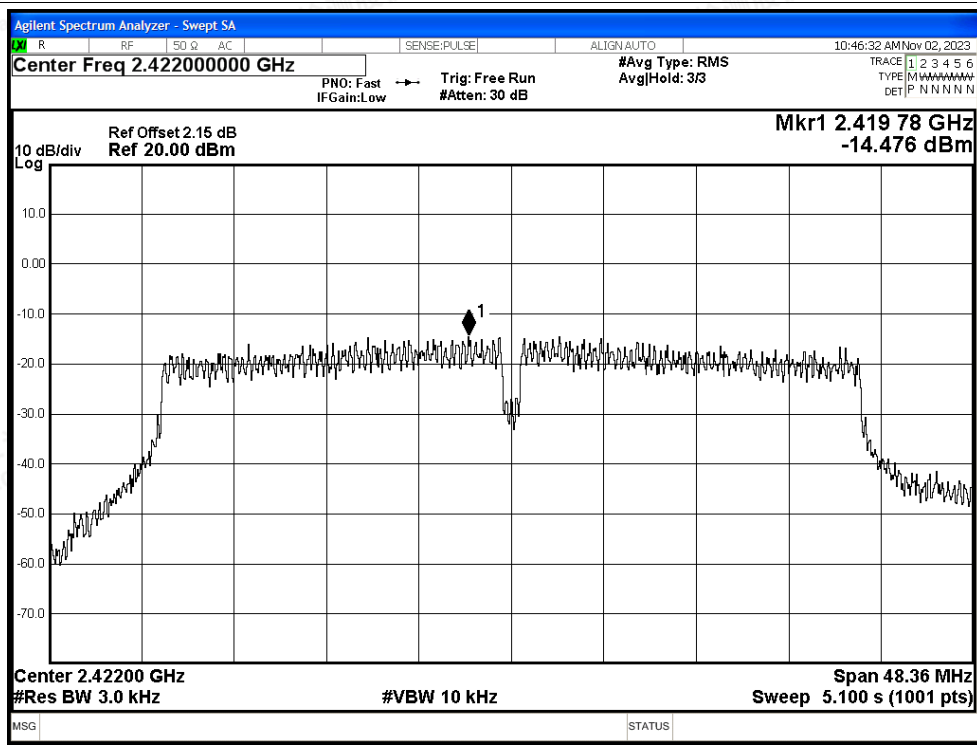


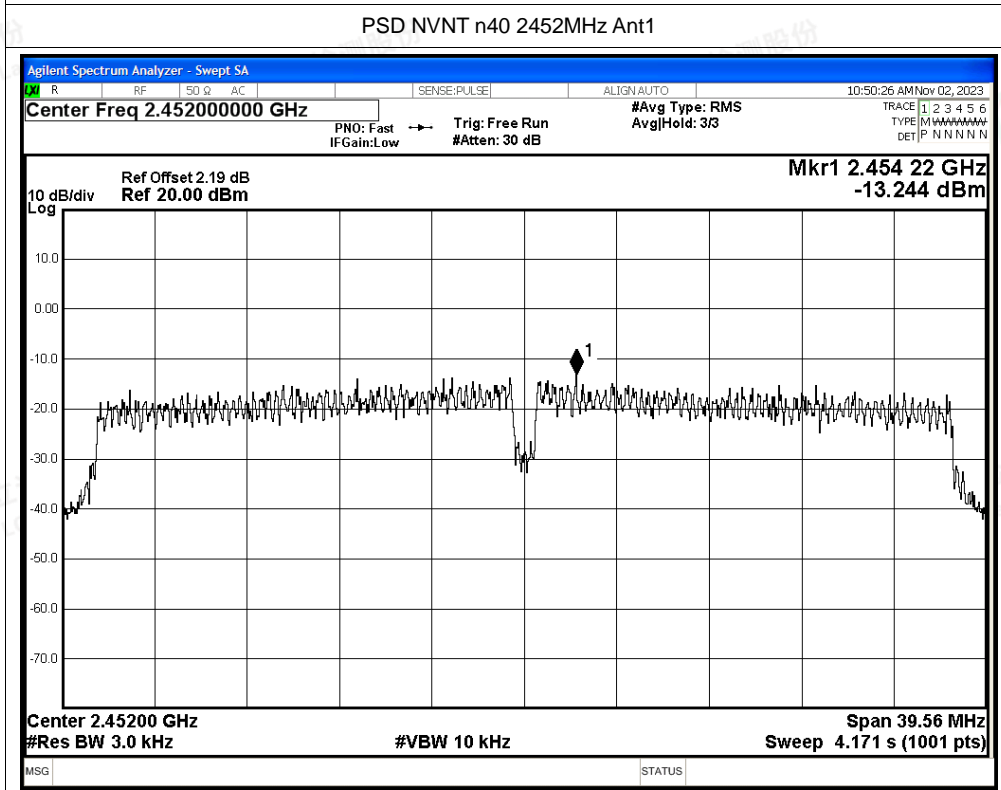
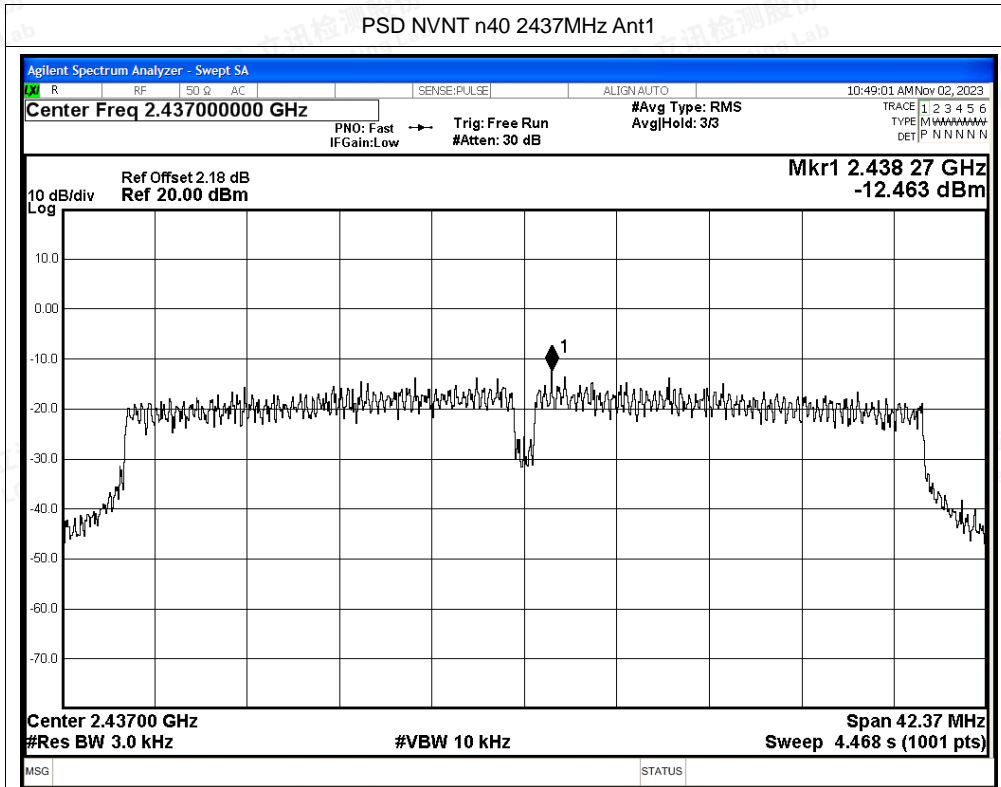


PSD NVNT n20 2462MHz Ant1

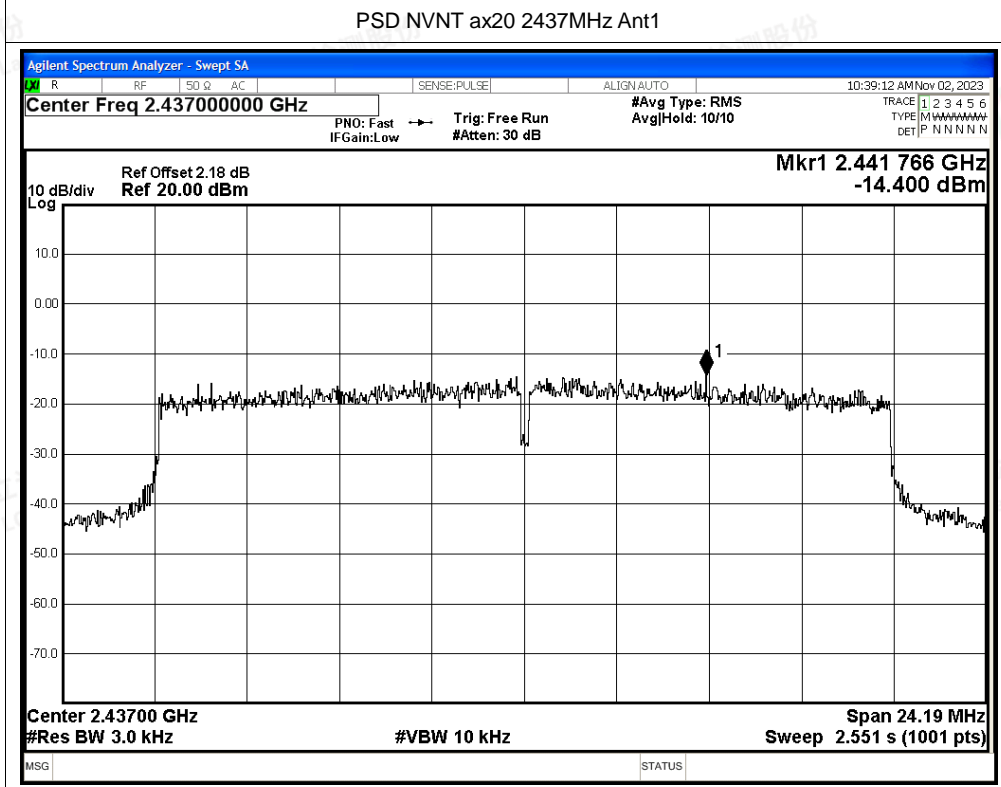
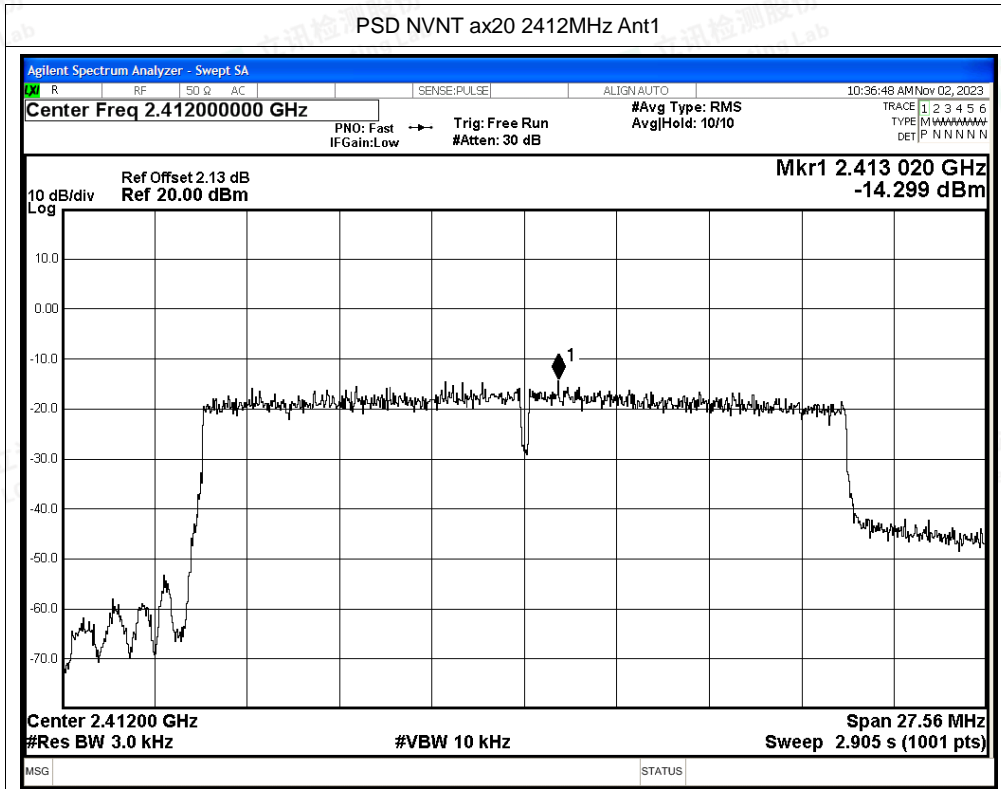


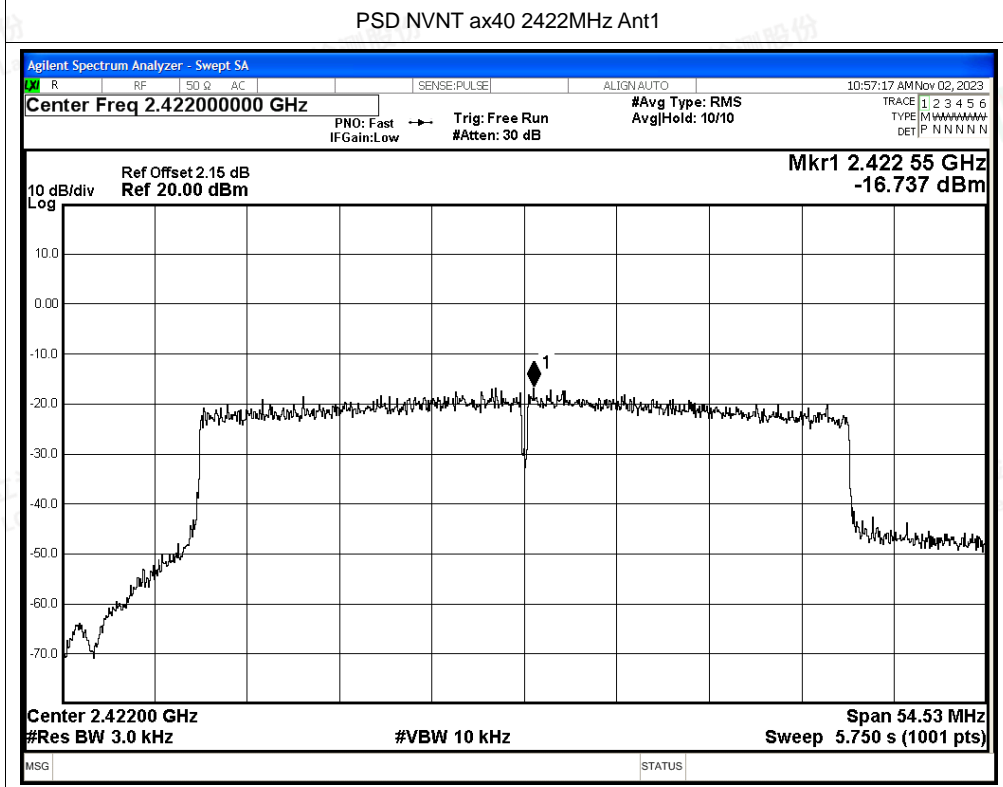
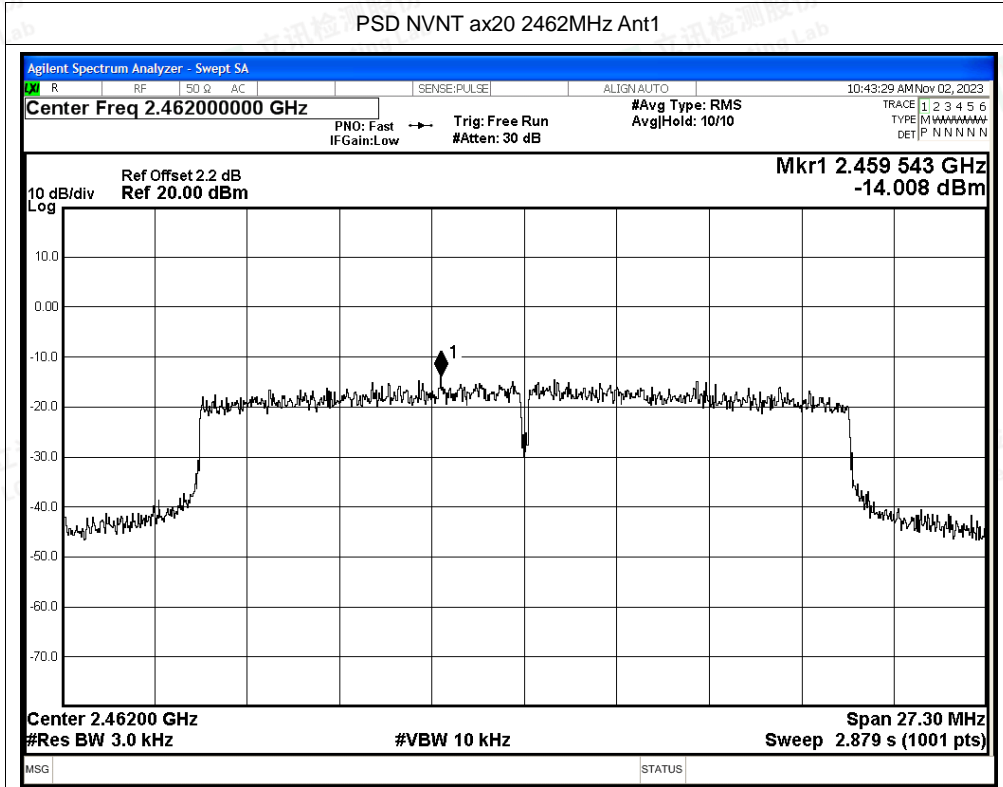
PSD NVNT n40 2422MHz Ant1

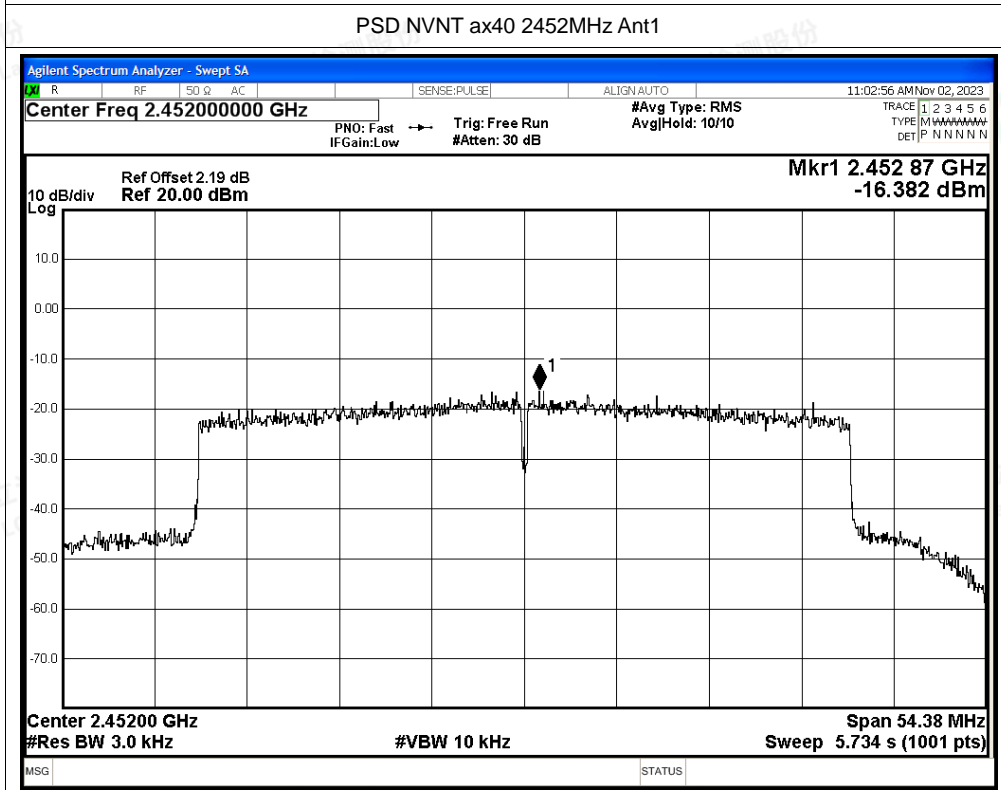
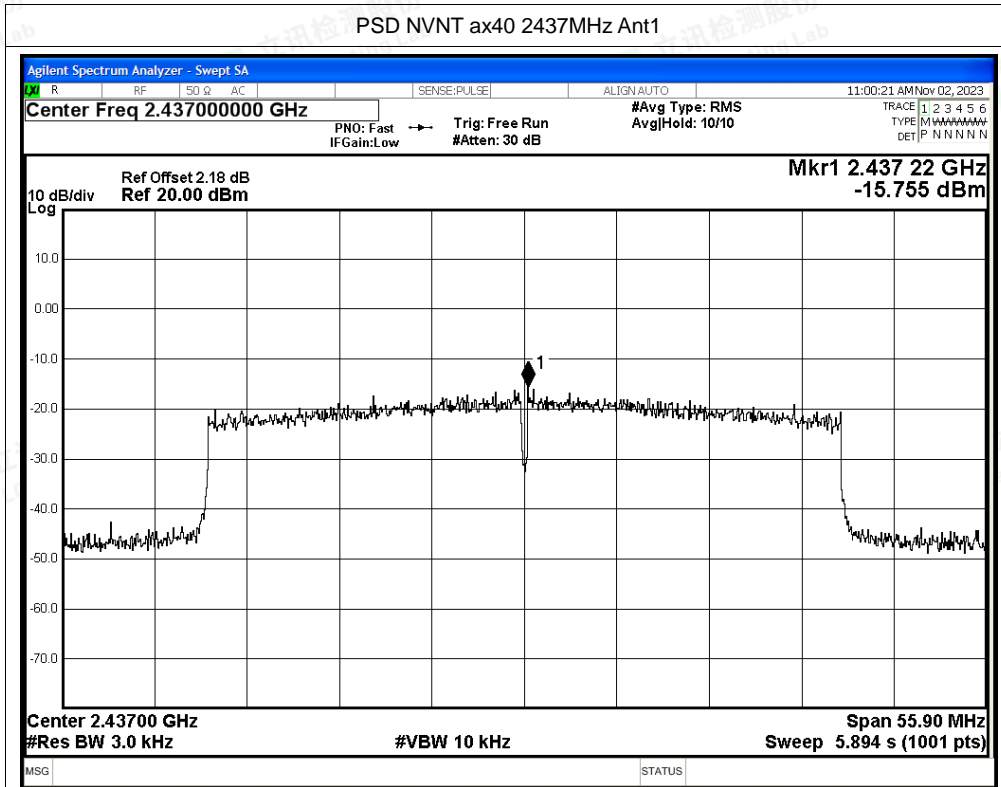














### A.4 Band Edge

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant0    | -50.96          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant0    | -61.45          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant0    | -45.08          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant0    | -57.07          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant0    | -43.97          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant0    | -57.14          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant0    | -38.49          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant0    | -51.96          | -20         | Pass    |
| NVNT      | ax20 | 2412            | Ant0    | -45.86          | -20         | Pass    |
| NVNT      | ax20 | 2462            | Ant0    | -55.18          | -20         | Pass    |
| NVNT      | ax40 | 2422            | Ant0    | -36.4           | -20         | Pass    |
| NVNT      | ax40 | 2452            | Ant0    | -49.22          | -20         | Pass    |

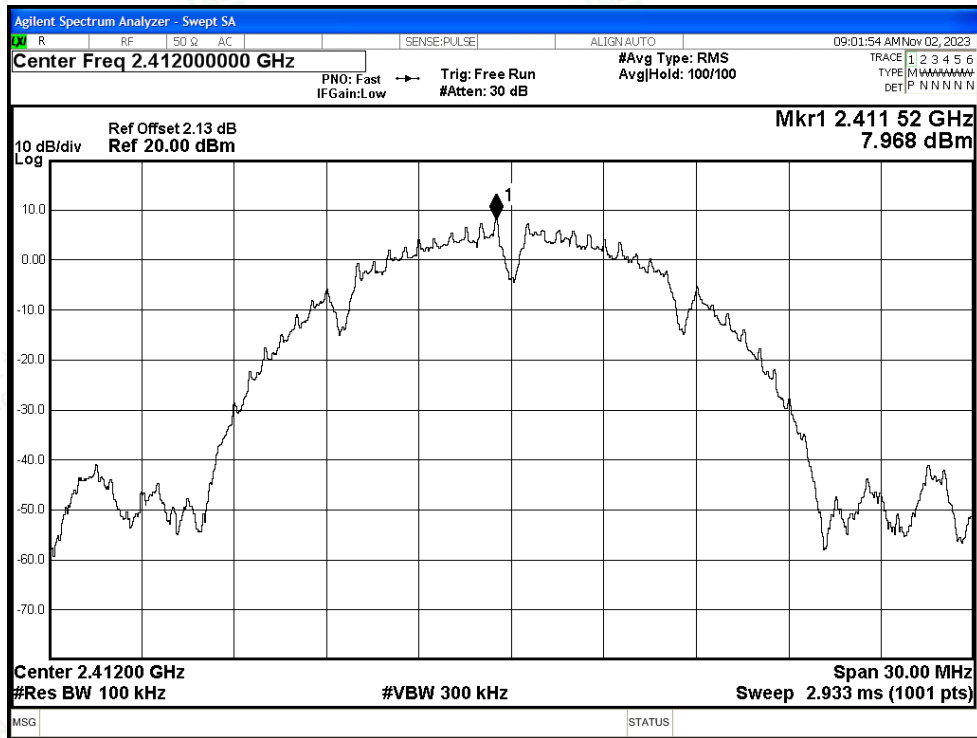


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 Scan code to check authenticity

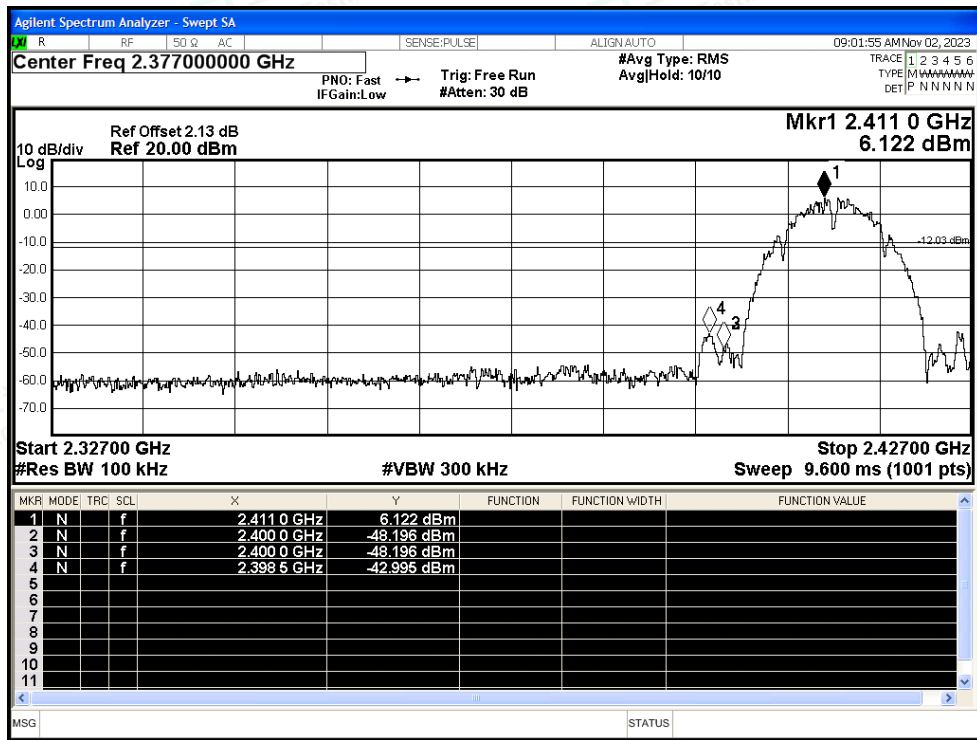


Test Graphs

Band Edge NVNT b 2412MHz Ant0 Ref

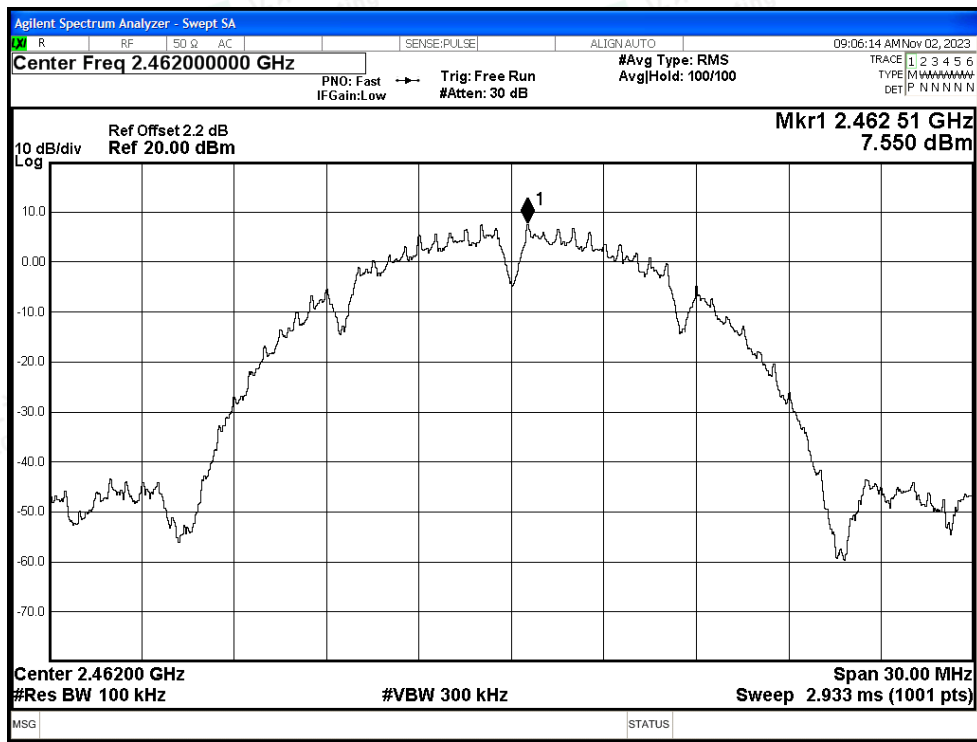


Band Edge NVNT b 2412MHz Ant0 Emission

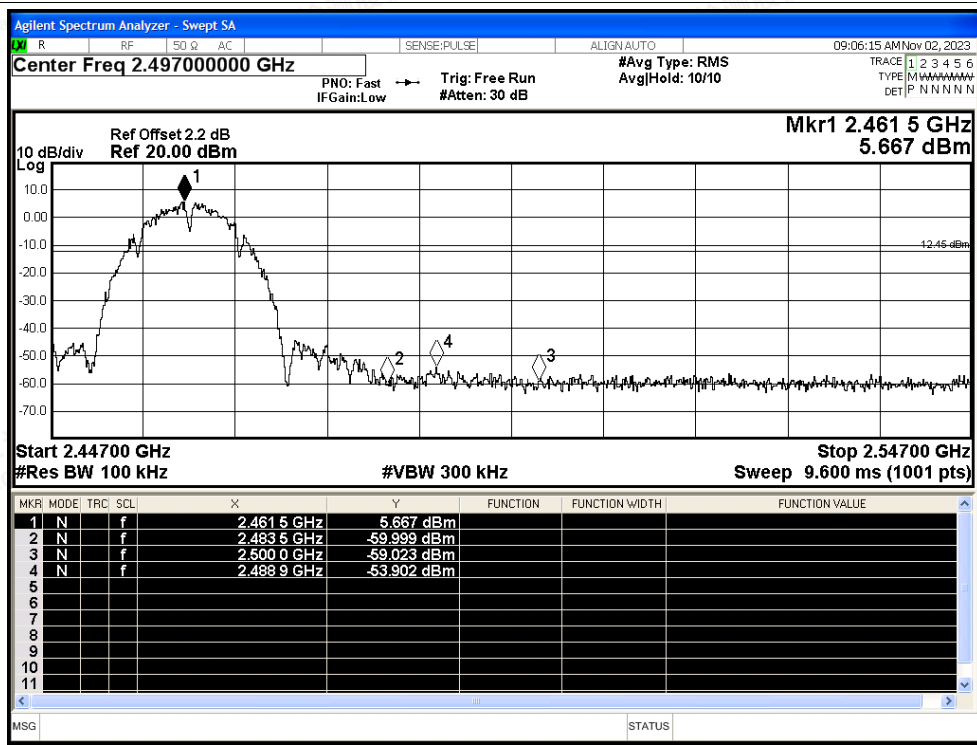




Band Edge NVNT b 2462MHz Ant0 Ref

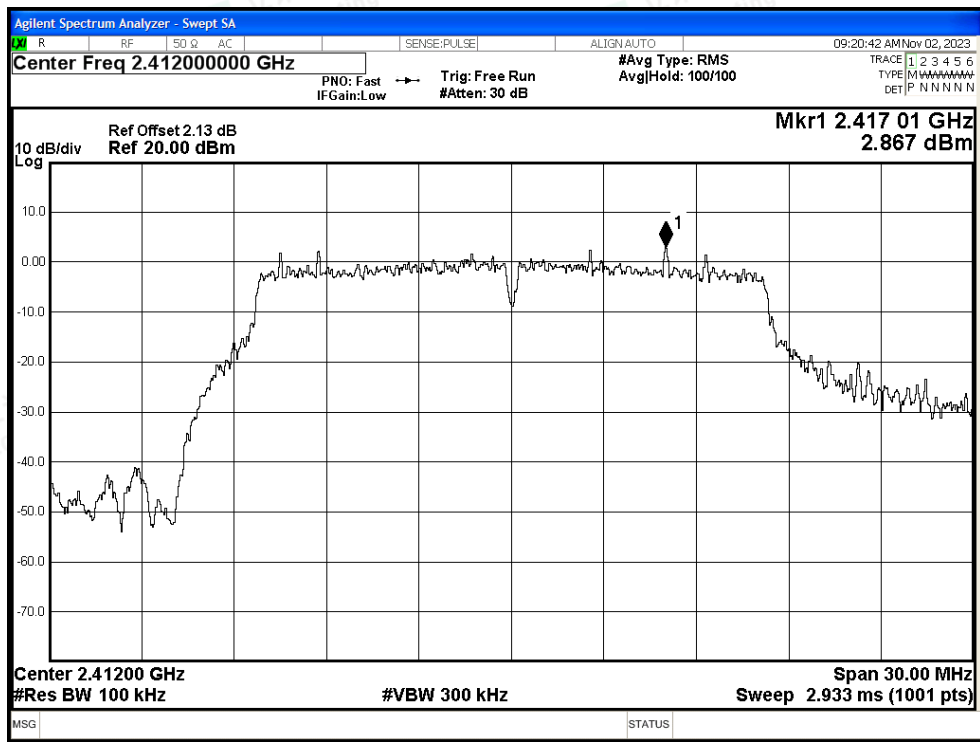


Band Edge NVNT b 2462MHz Ant0 Emission

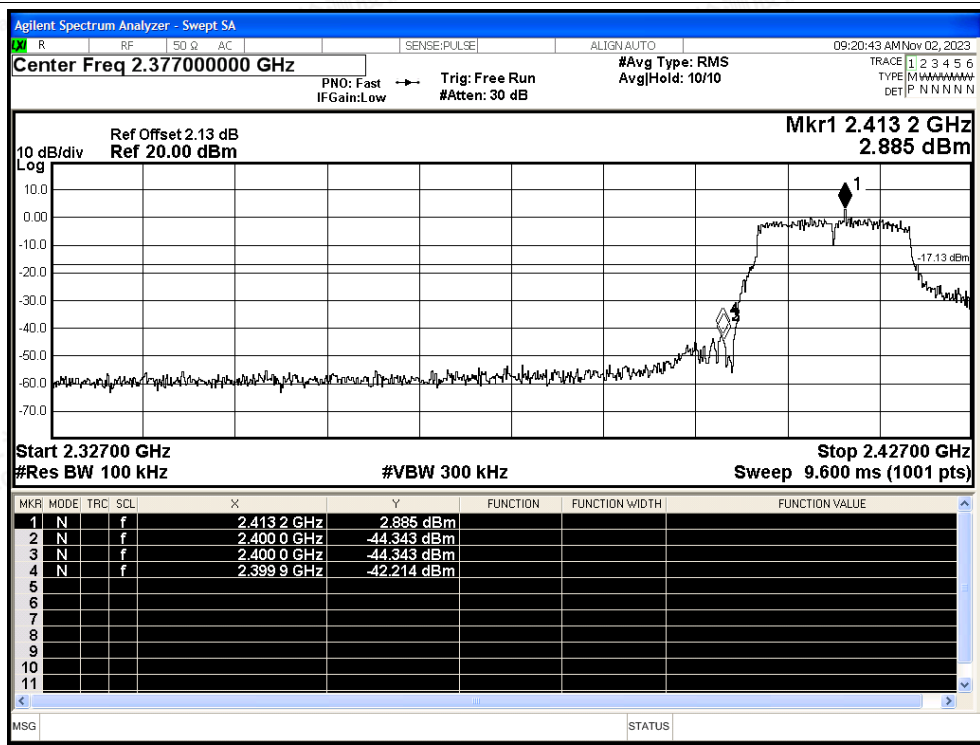




Band Edge NVNT g 2412MHz Ant0 Ref

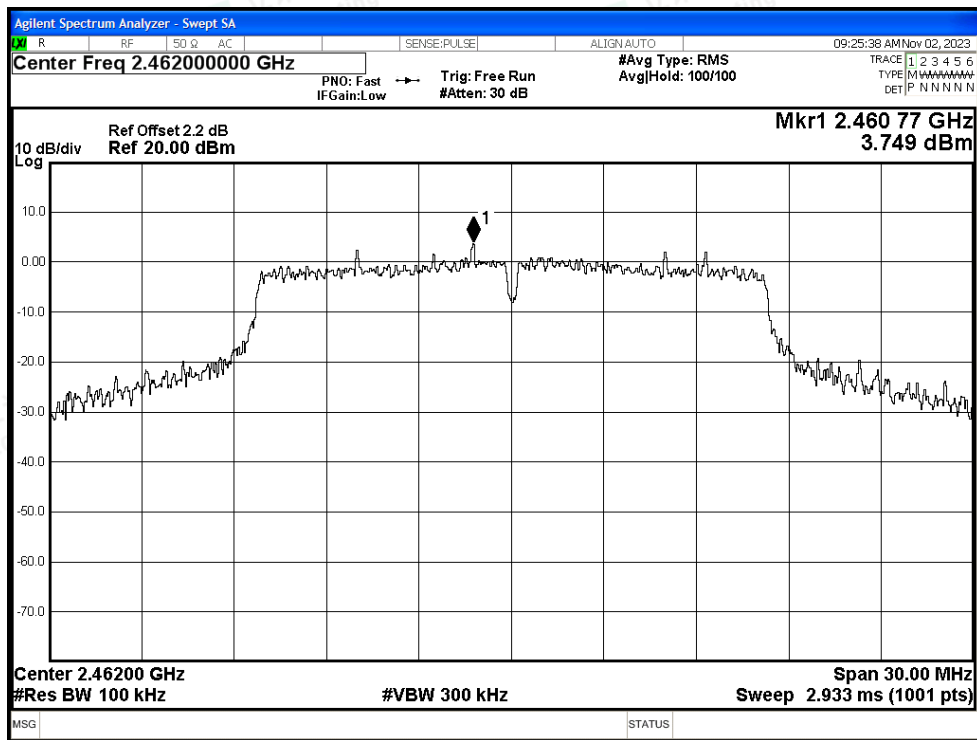


Band Edge NVNT g 2412MHz Ant0 Emission

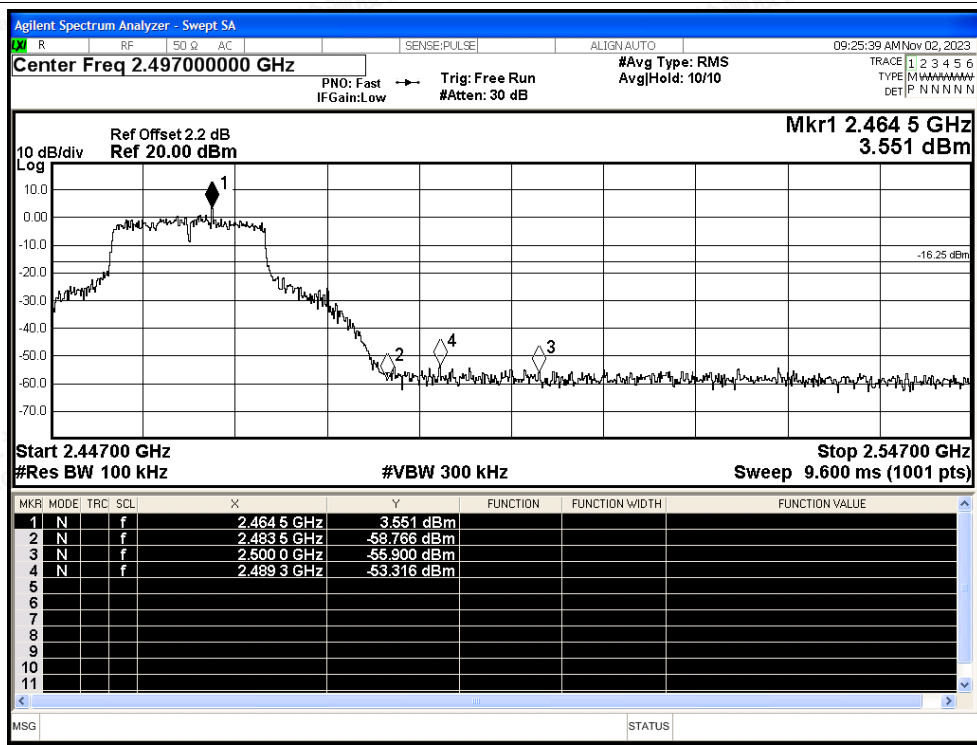




Band Edge NVNT g 2462MHz Ant0 Ref



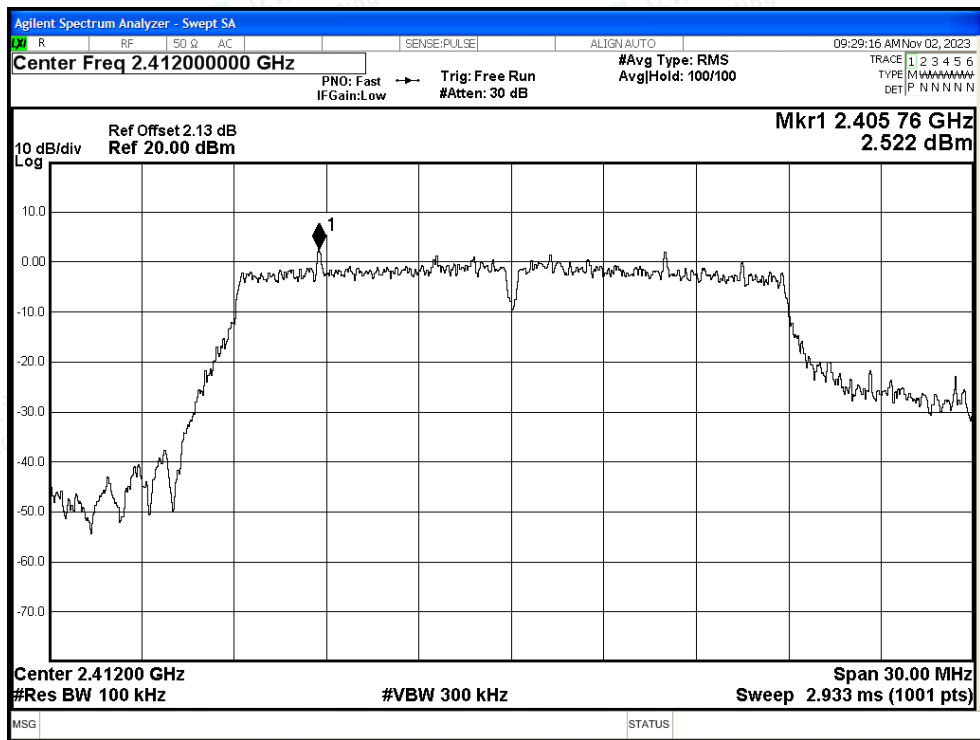
Band Edge NVNT g 2462MHz Ant0 Emission



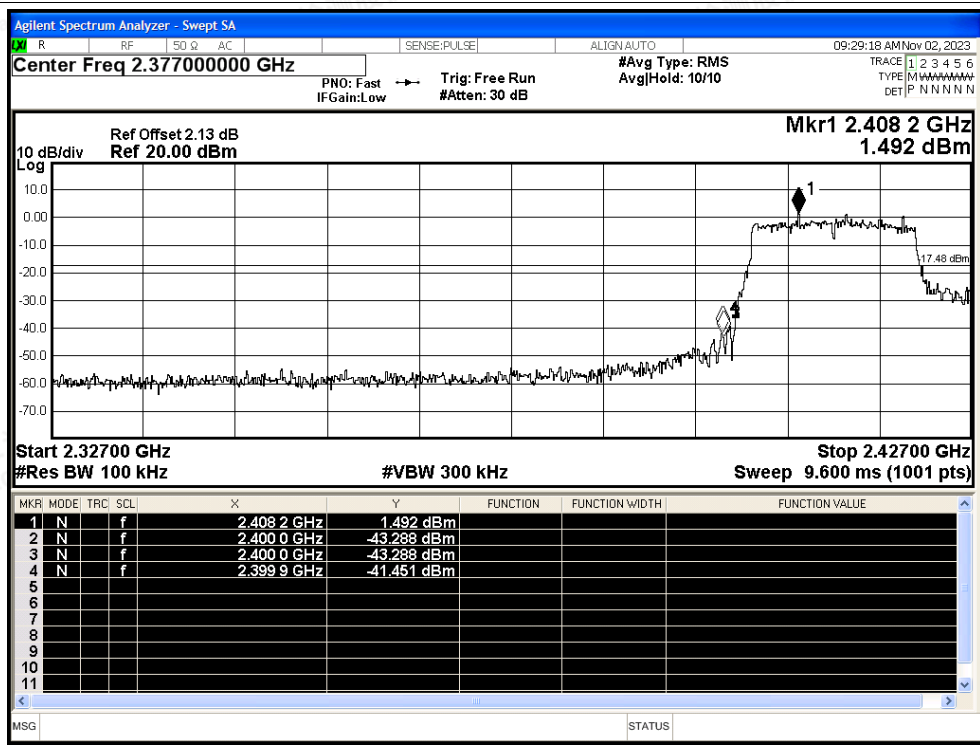




Band Edge NVNT n20 2412MHz Ant0 Ref

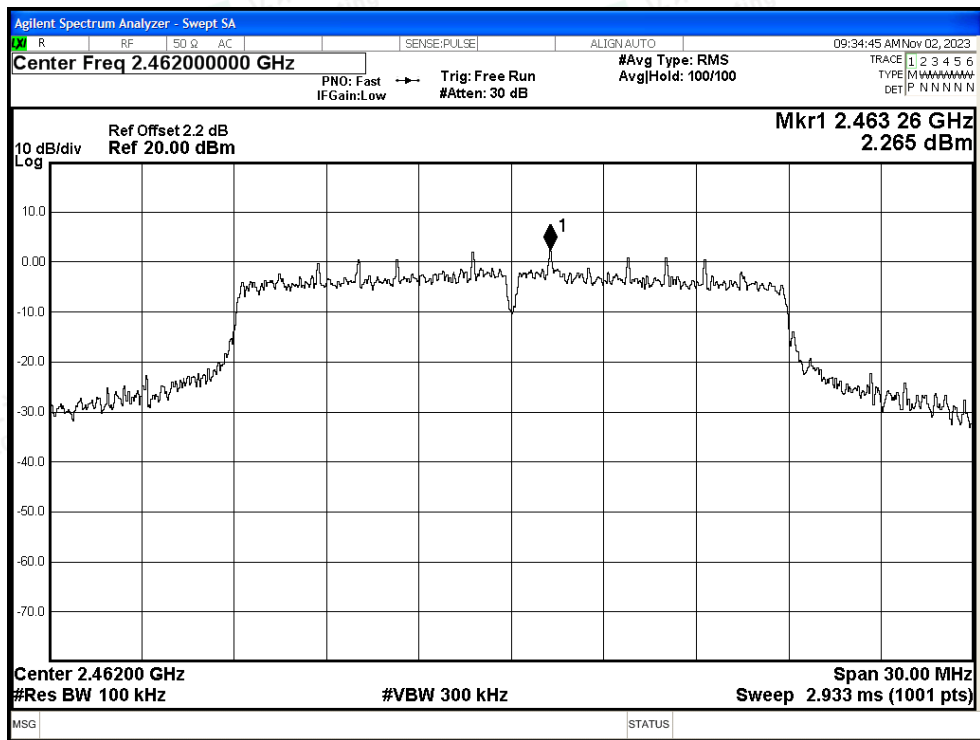


Band Edge NVNT n20 2412MHz Ant0 Emission

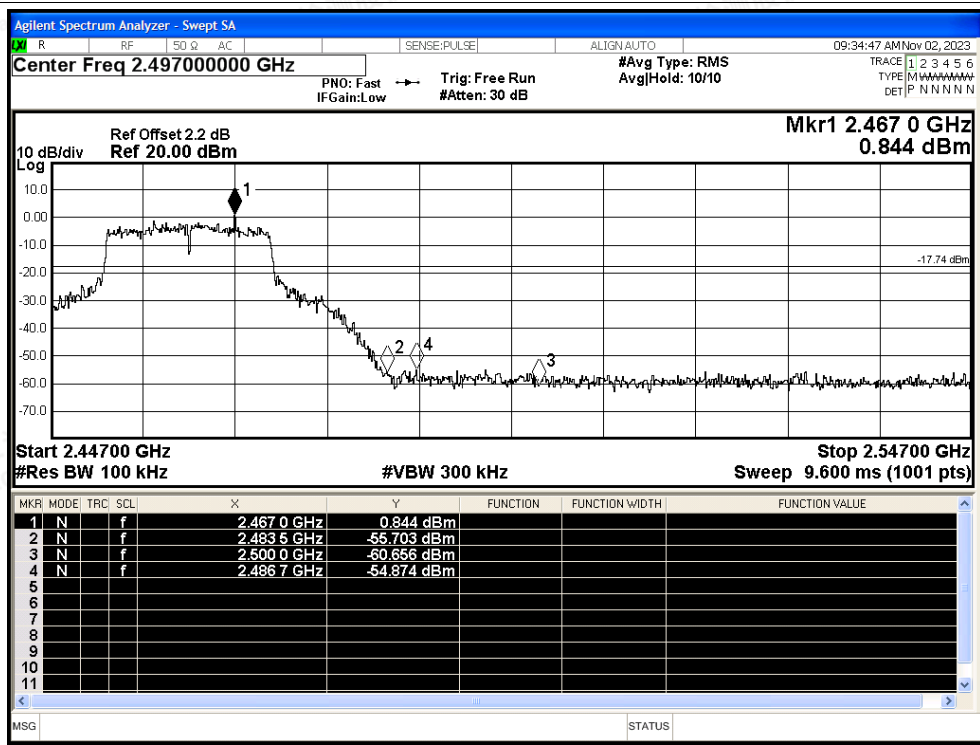




Band Edge NVNT n20 2462MHz Ant0 Ref

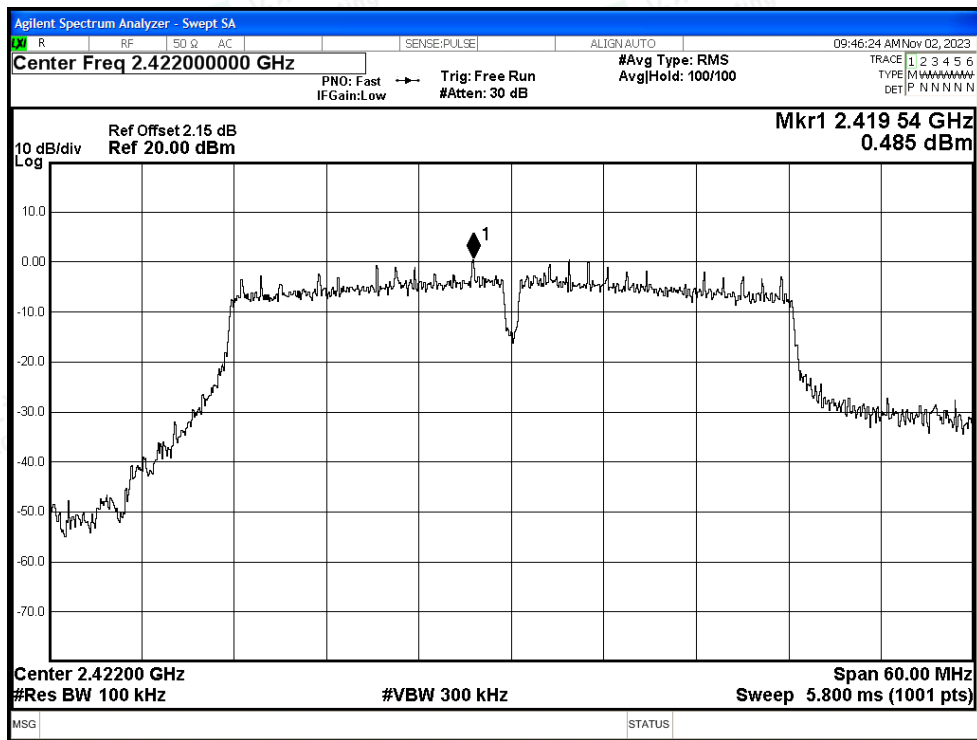


Band Edge NVNT n20 2462MHz Ant0 Emission

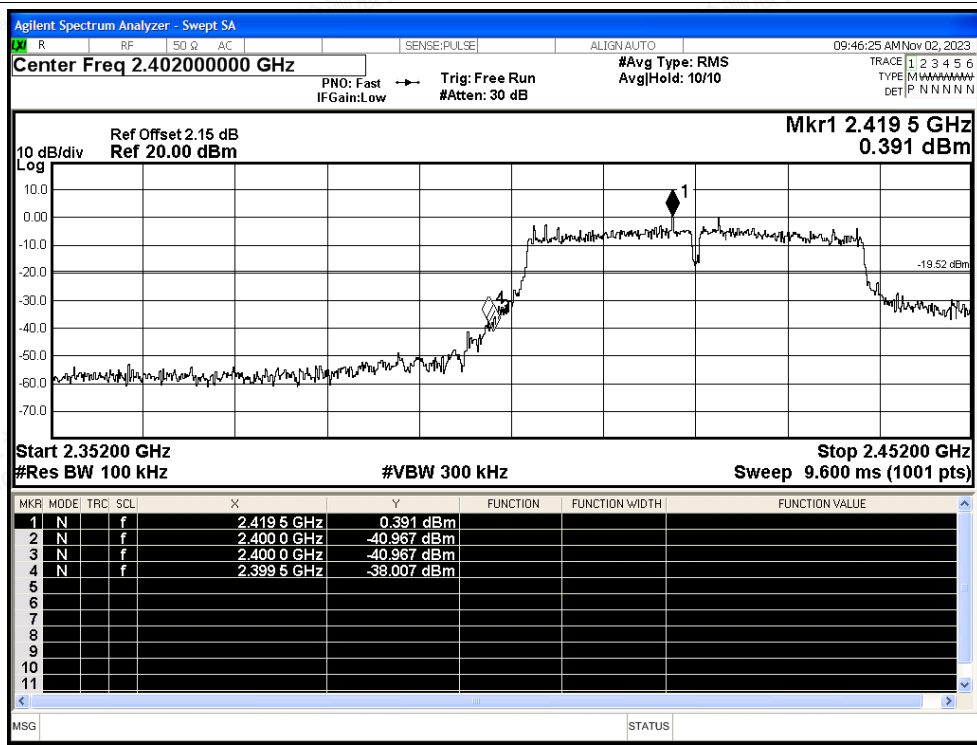




Band Edge NVNT n40 2422MHz Ant0 Ref

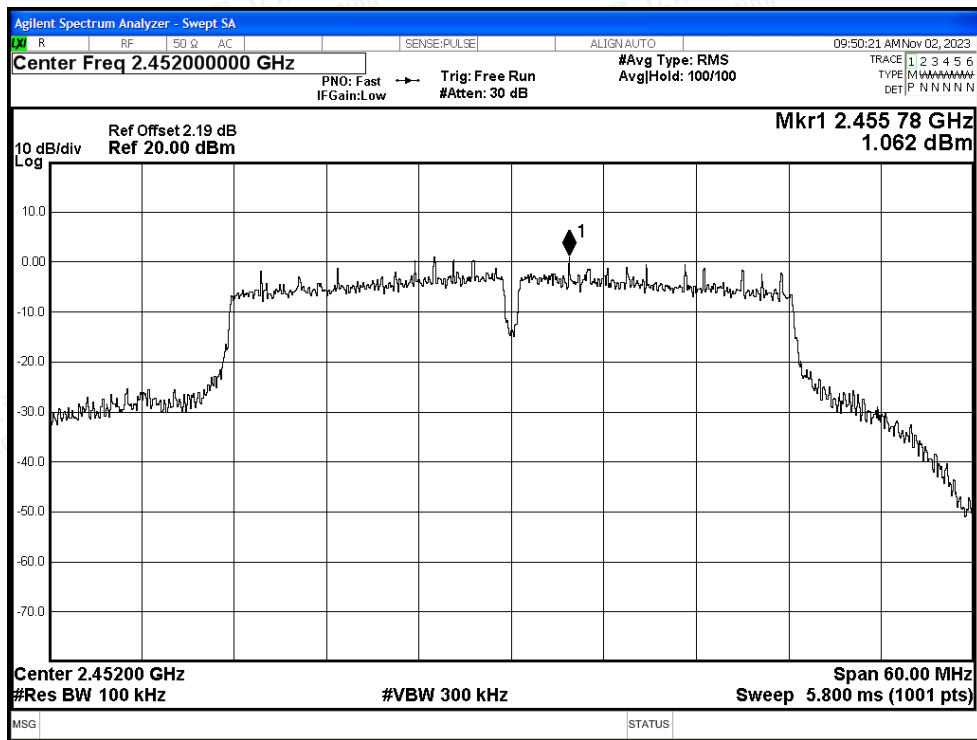


Band Edge NVNT n40 2422MHz Ant0 Emission

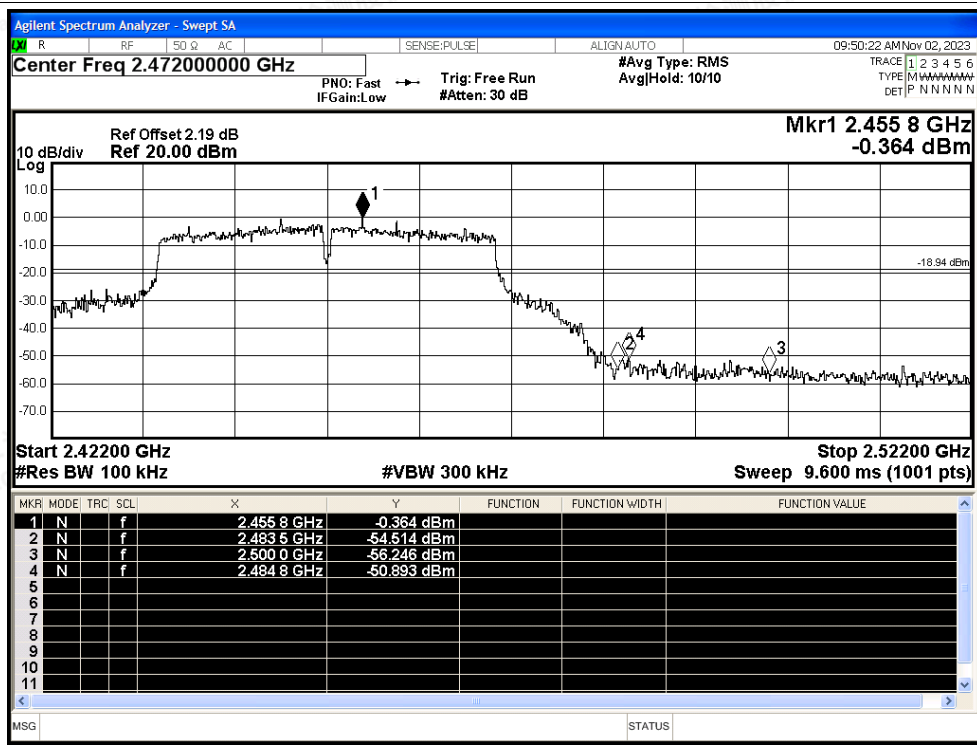




Band Edge NVNT n40 2452MHz Ant0 Ref

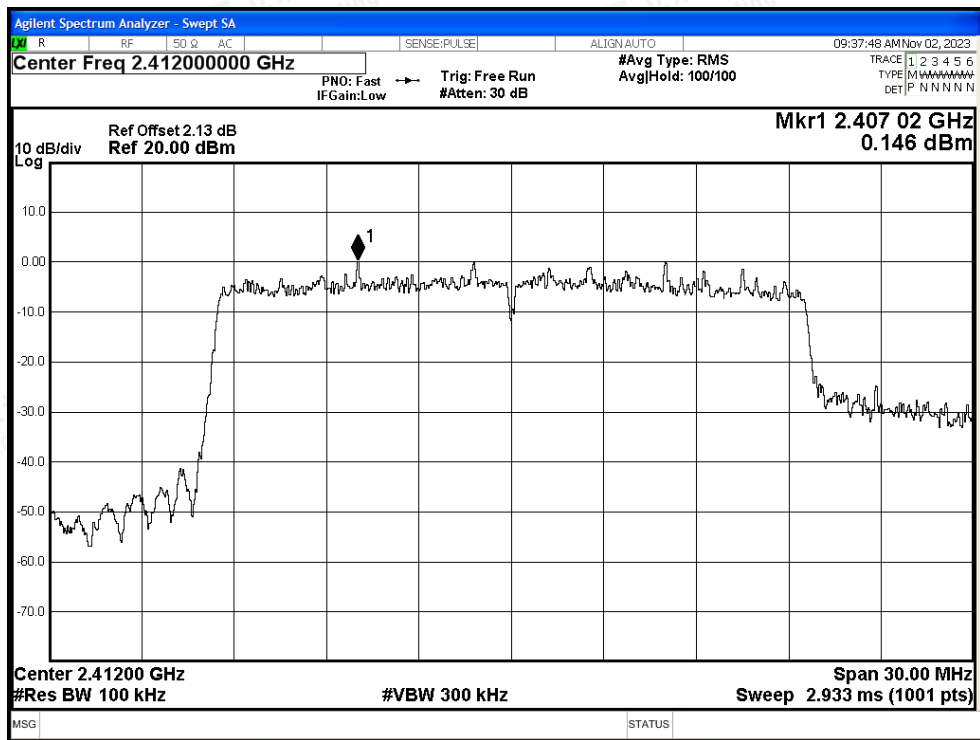


Band Edge NVNT n40 2452MHz Ant0 Emission

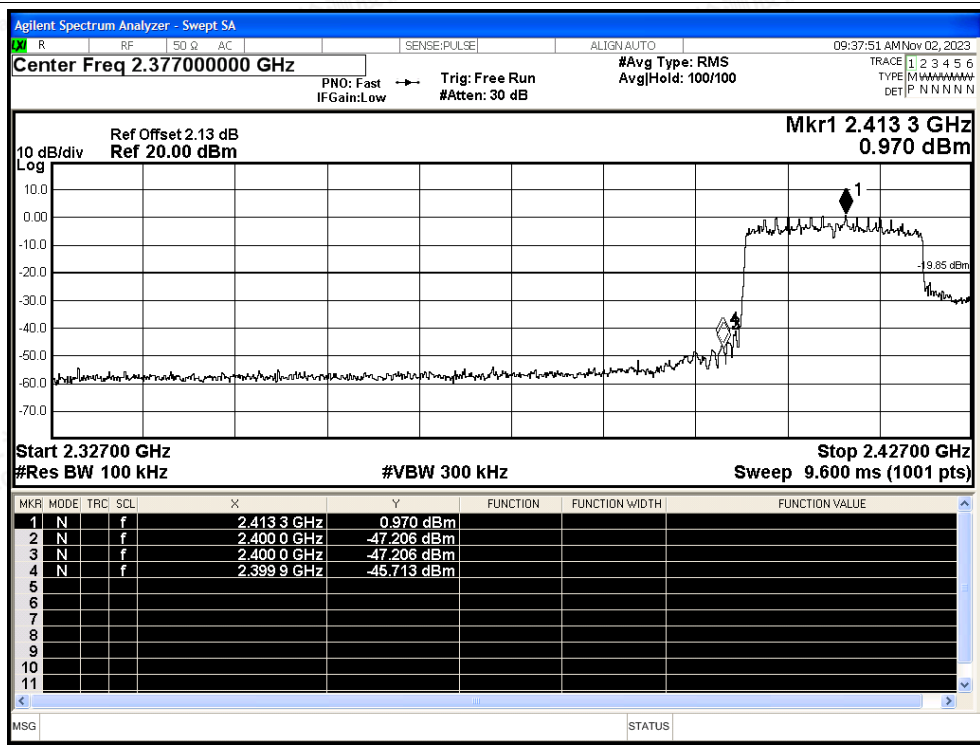




Band Edge NVNT ax20 2412MHz Ant0 Ref

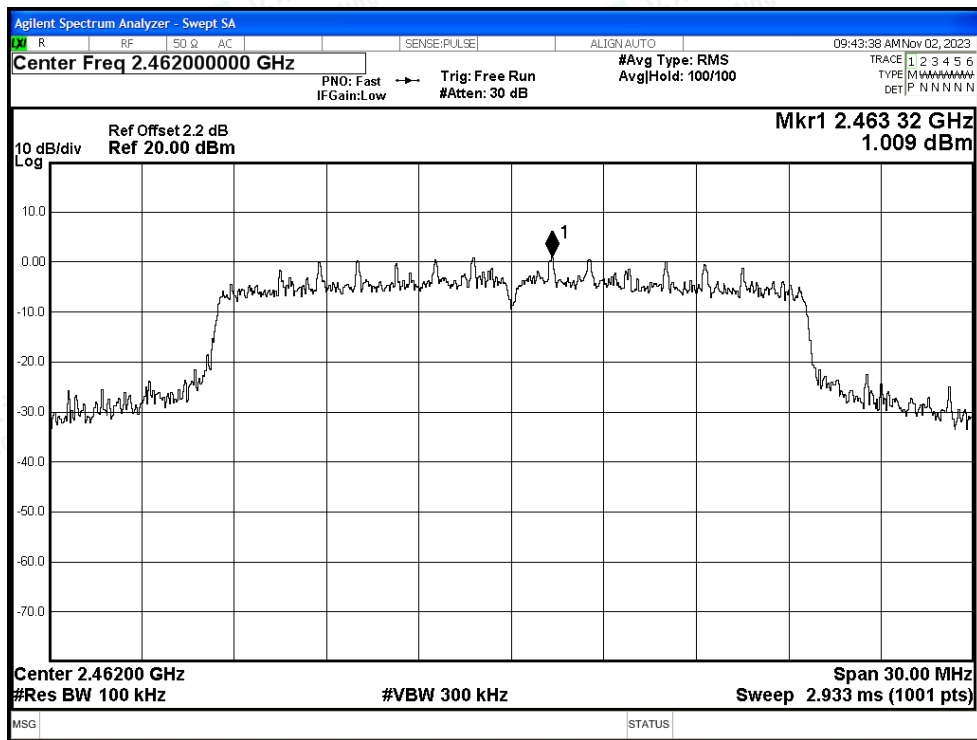


Band Edge NVNT ax20 2412MHz Ant0 Emission

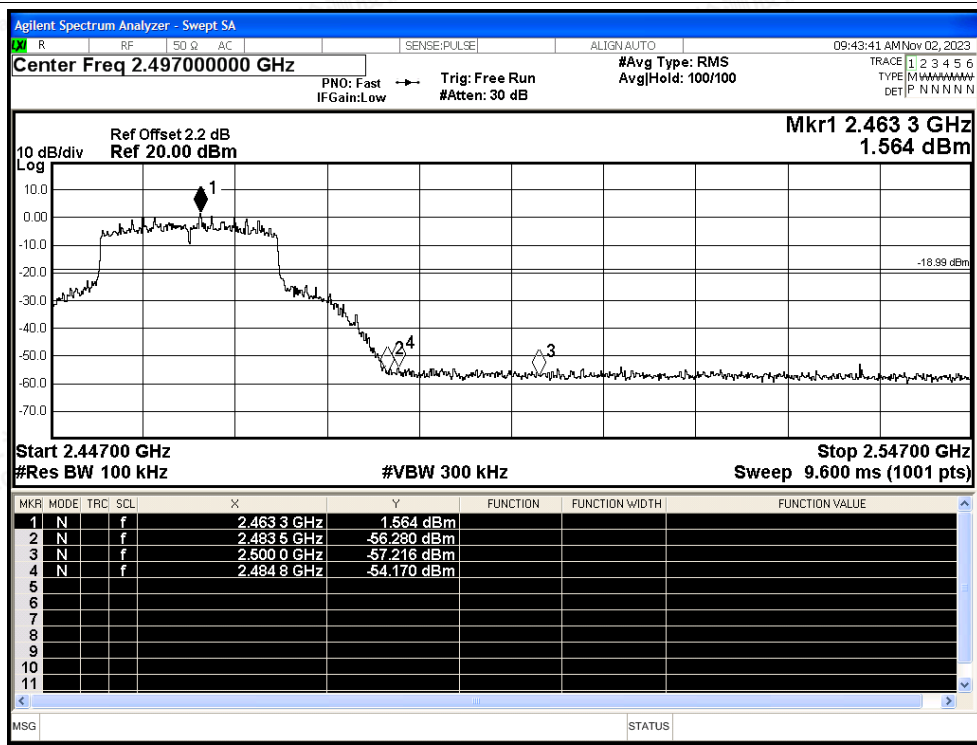




Band Edge NVNT ax20 2462MHz Ant0 Ref

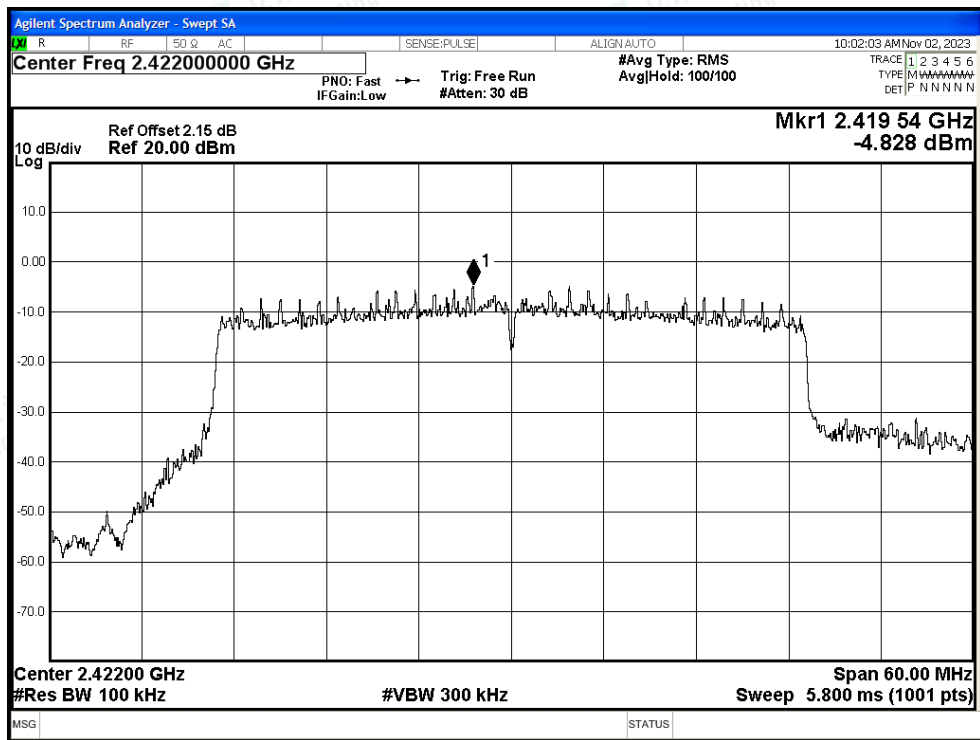


Band Edge NVNT ax20 2462MHz Ant0 Emission

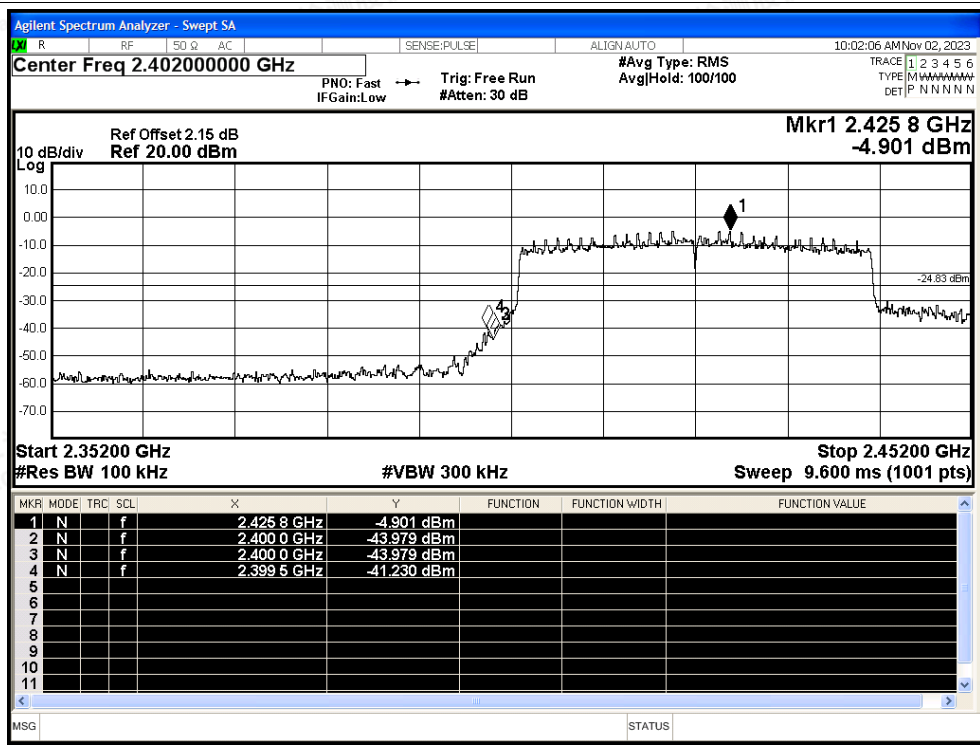




Band Edge NVNT ax40 2422MHz Ant0 Ref

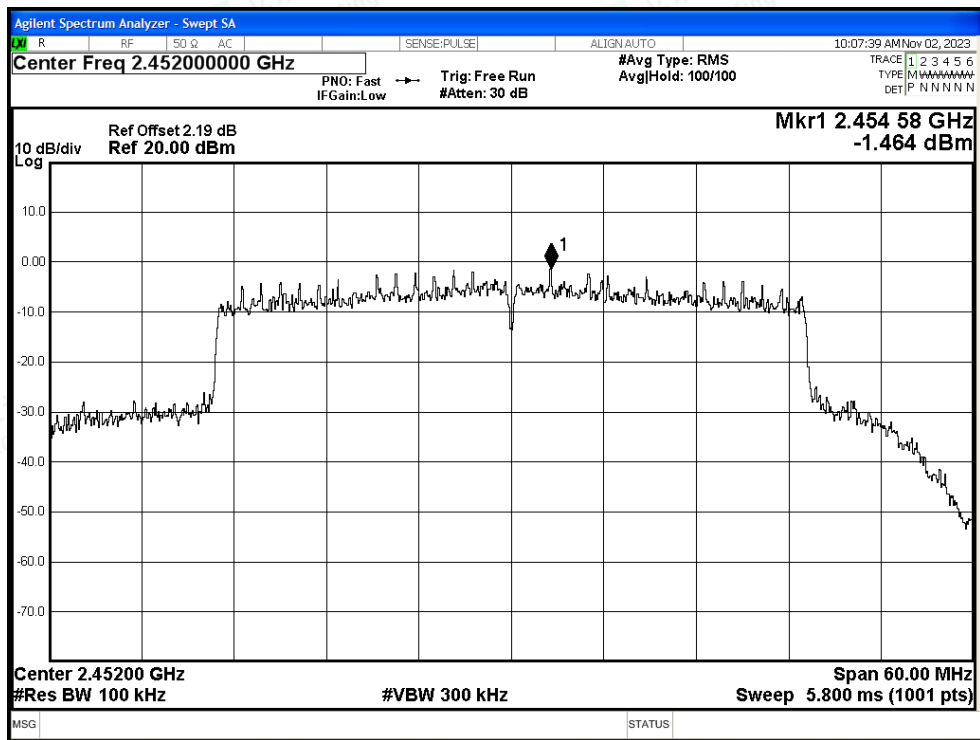


Band Edge NVNT ax40 2422MHz Ant0 Emission

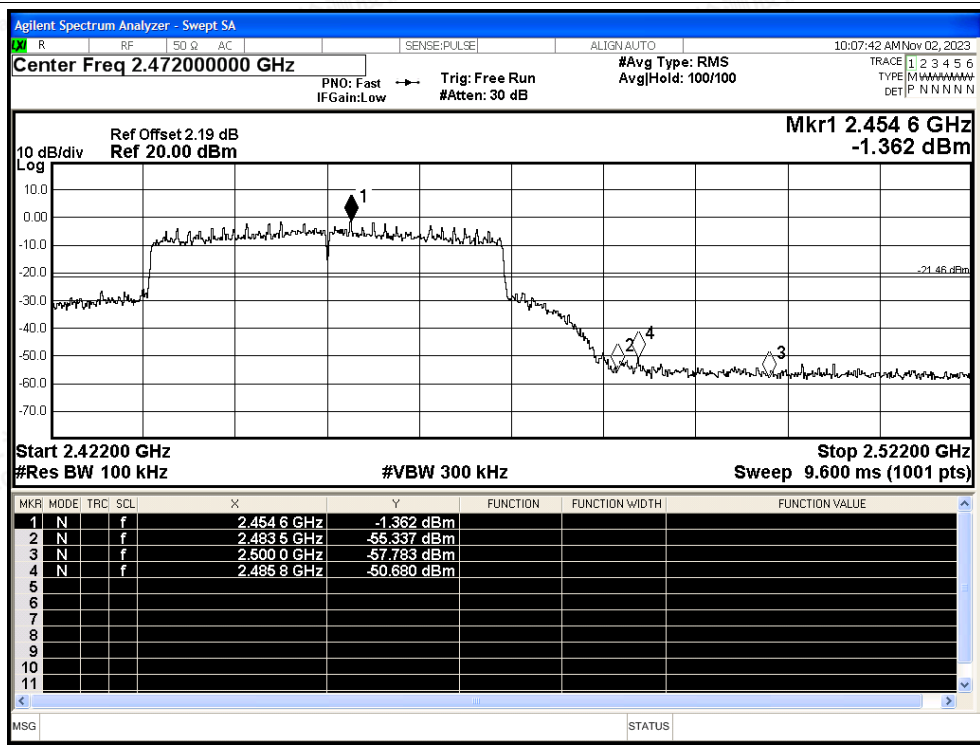




Band Edge NVNT ax40 2452MHz Ant0 Ref



Band Edge NVNT ax40 2452MHz Ant0 Emission







| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant1    | -52.54          | -20         | Pass    |
| NVNT      | b    | 2462            | Ant1    | -59.92          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant1    | -46.01          | -20         | Pass    |
| NVNT      | g    | 2462            | Ant1    | -57.68          | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant1    | -46.06          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant1    | -55.89          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant1    | -38.03          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant1    | -51.04          | -20         | Pass    |
| NVNT      | ax20 | 2412            | Ant1    | -47.37          | -20         | Pass    |
| NVNT      | ax20 | 2462            | Ant1    | -55.65          | -20         | Pass    |
| NVNT      | ax40 | 2422            | Ant1    | -34.43          | -20         | Pass    |
| NVNT      | ax40 | 2452            | Ant1    | -51.19          | -20         | Pass    |

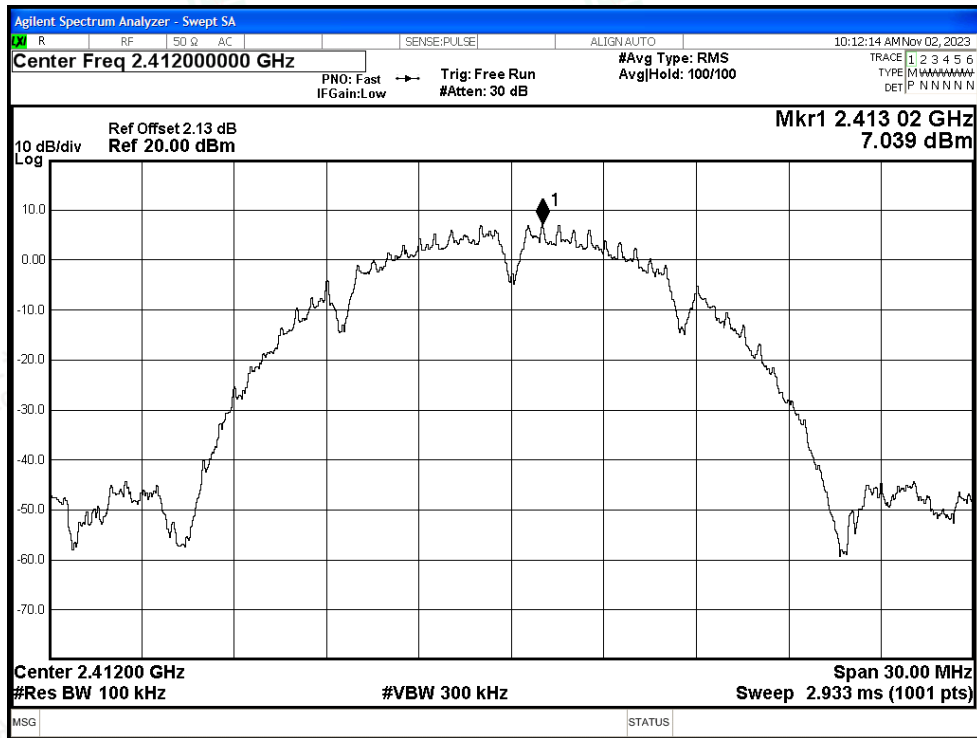


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Scan code to check authenticity

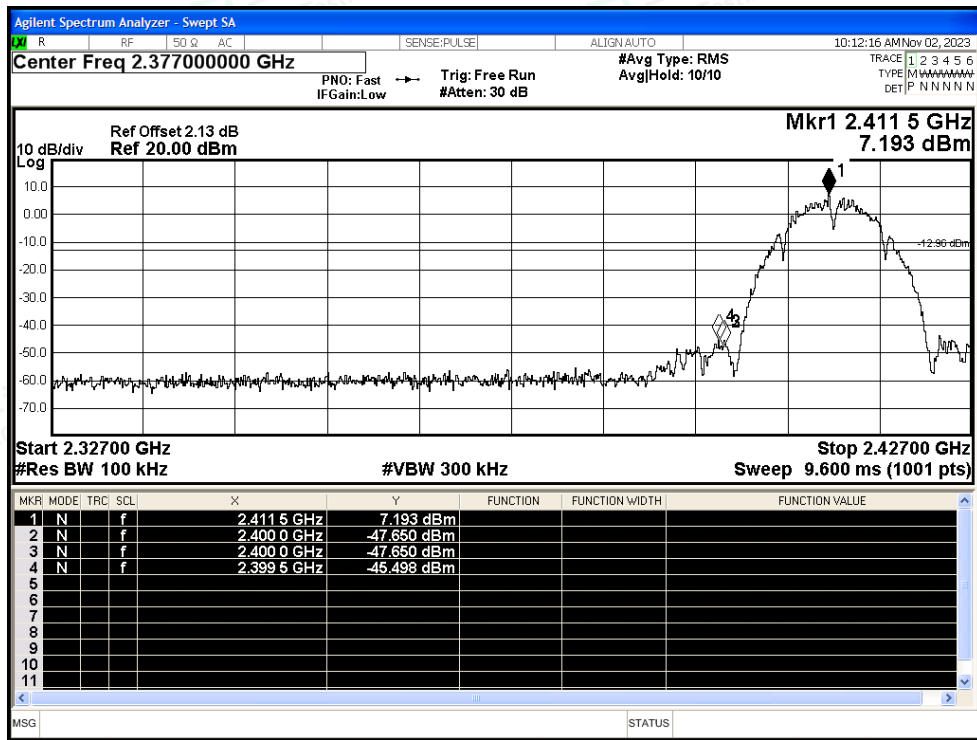


Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref

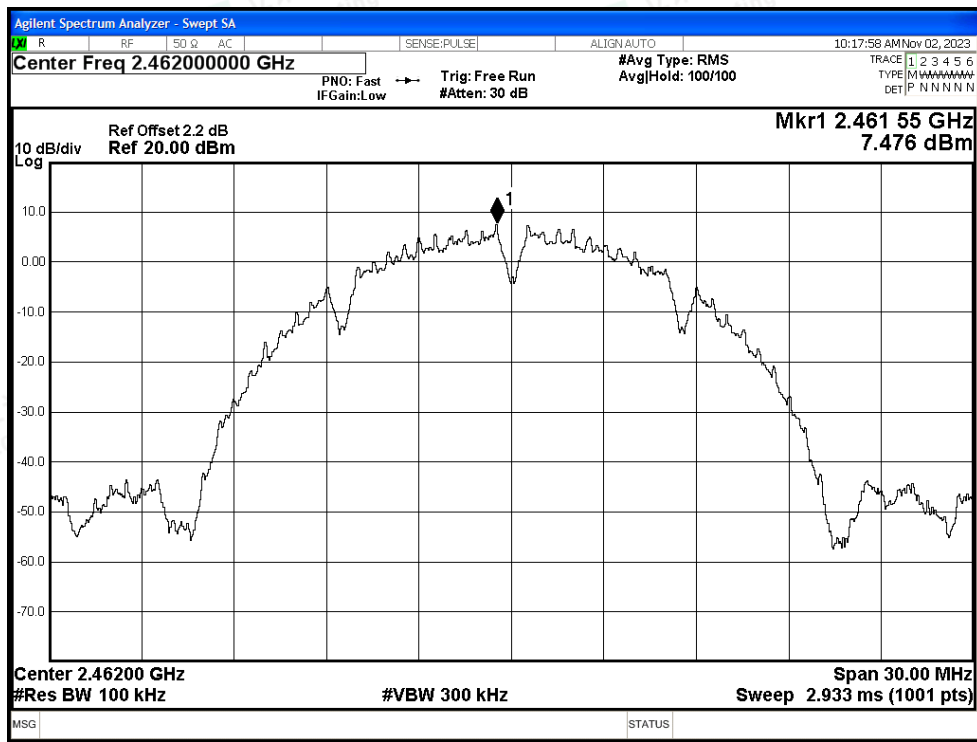


Band Edge NVNT b 2412MHz Ant1 Emission

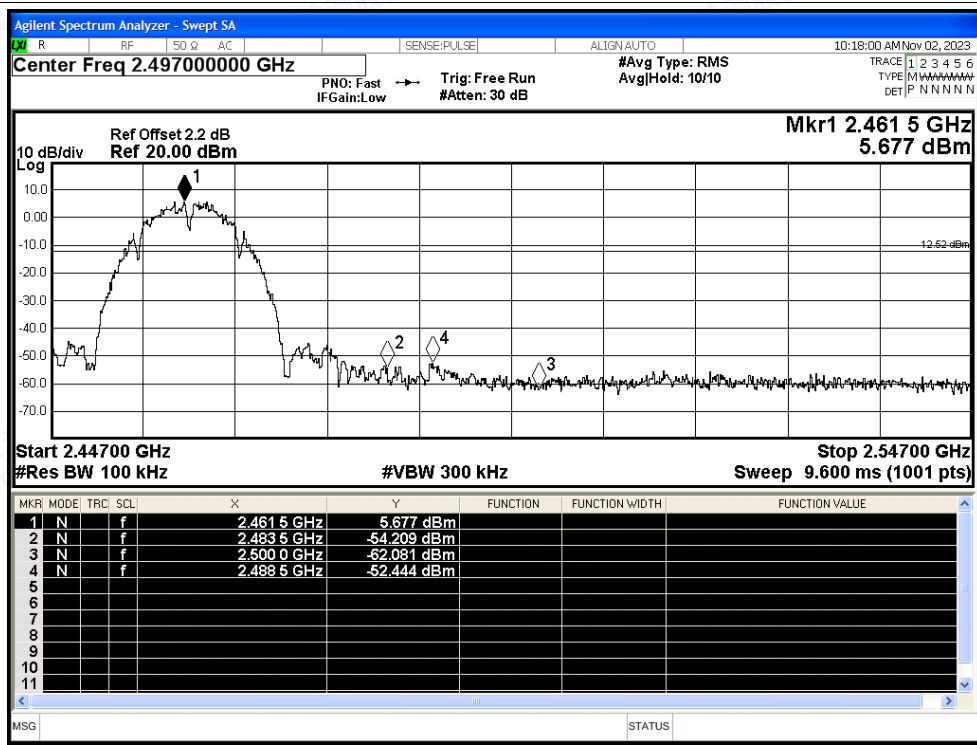




Band Edge NVNT b 2462MHz Ant1 Ref

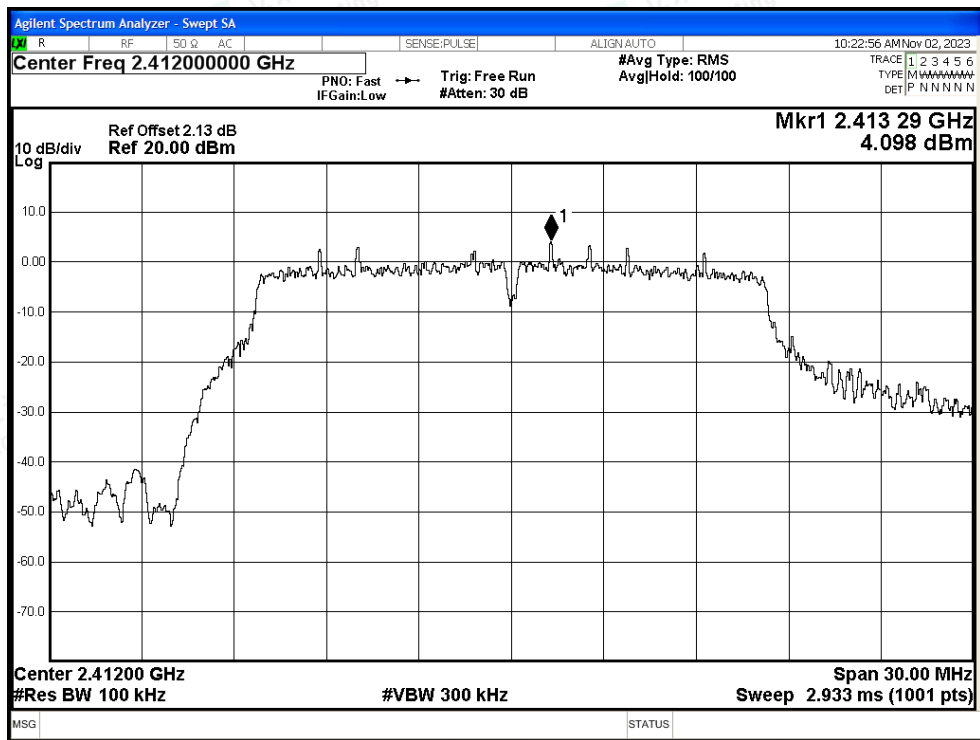


Band Edge NVNT b 2462MHz Ant1 Emission

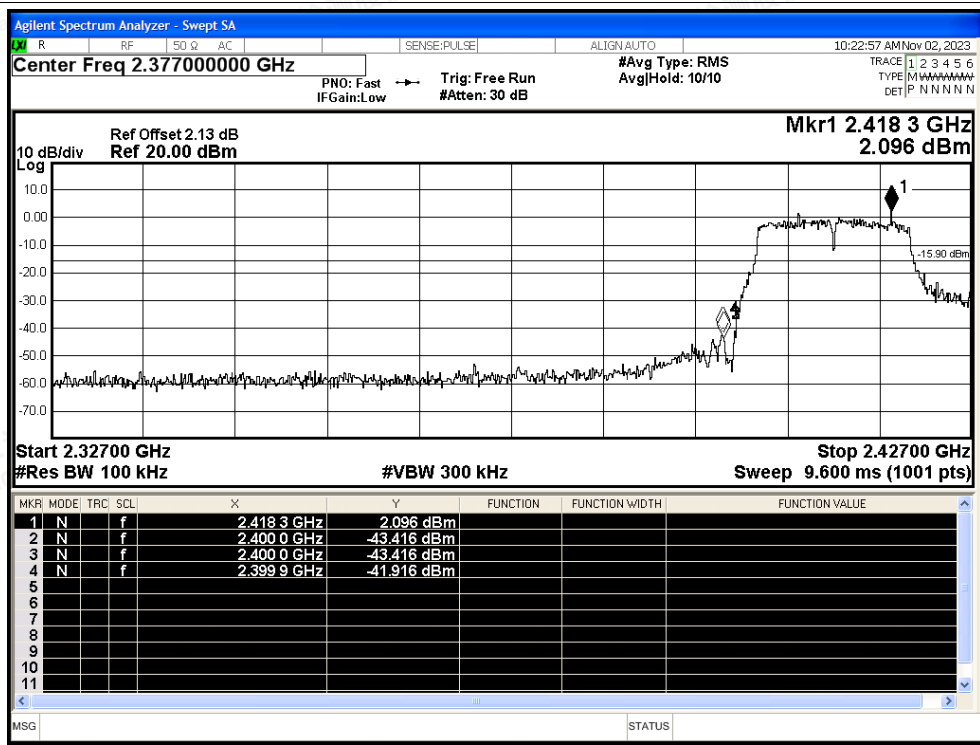




Band Edge NVNT g 2412MHz Ant1 Ref

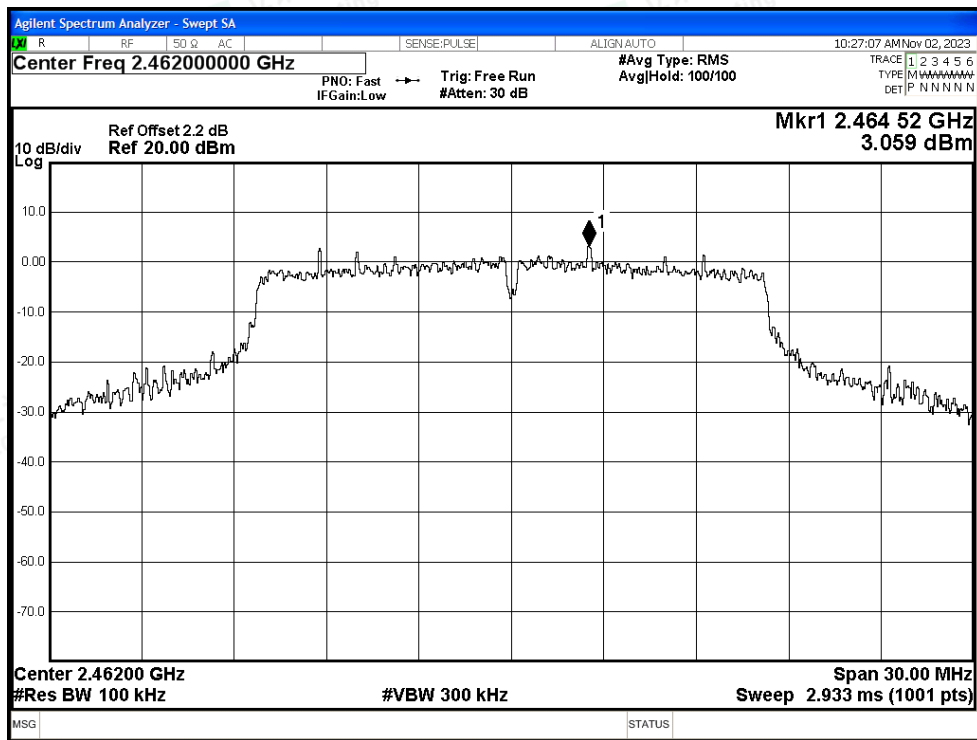


Band Edge NVNT g 2412MHz Ant1 Emission

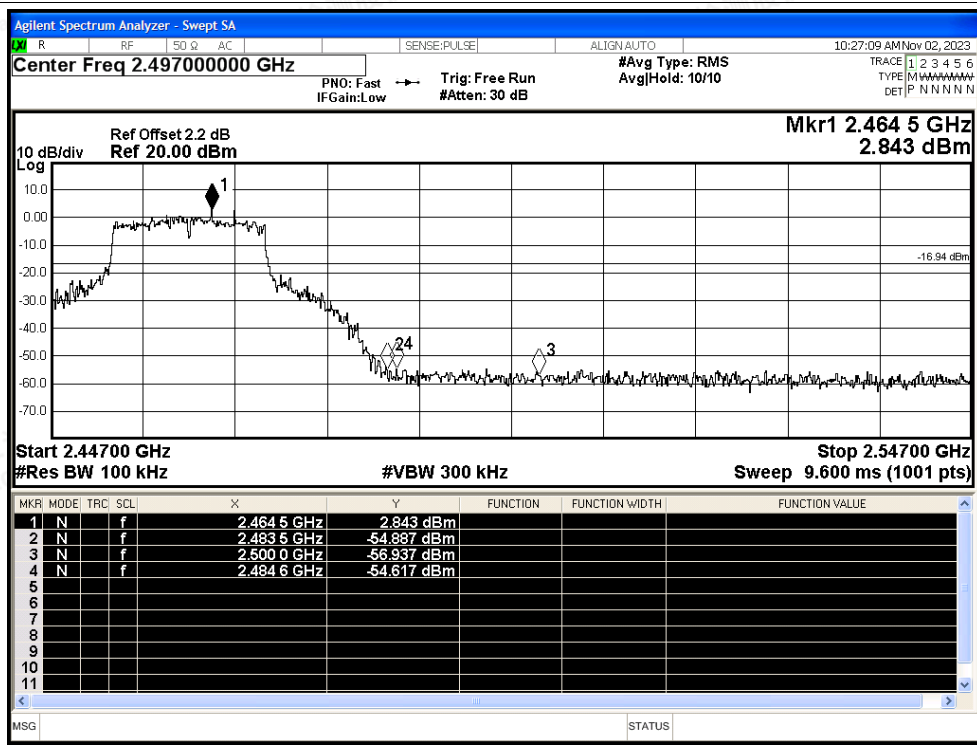




Band Edge NVNT g 2462MHz Ant1 Ref

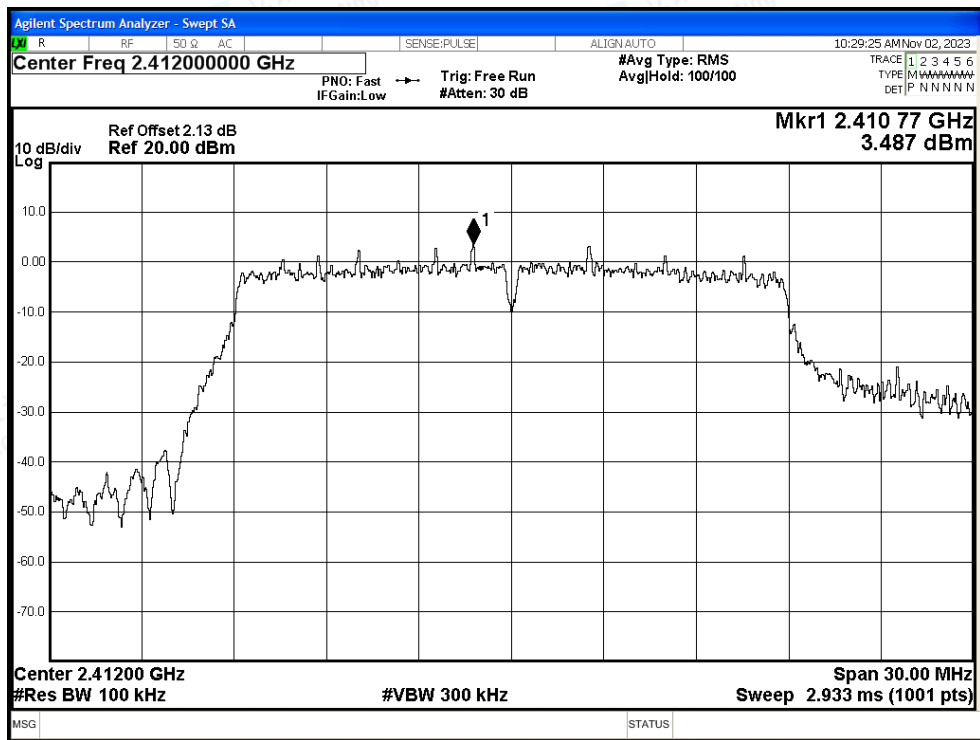


Band Edge NVNT g 2462MHz Ant1 Emission

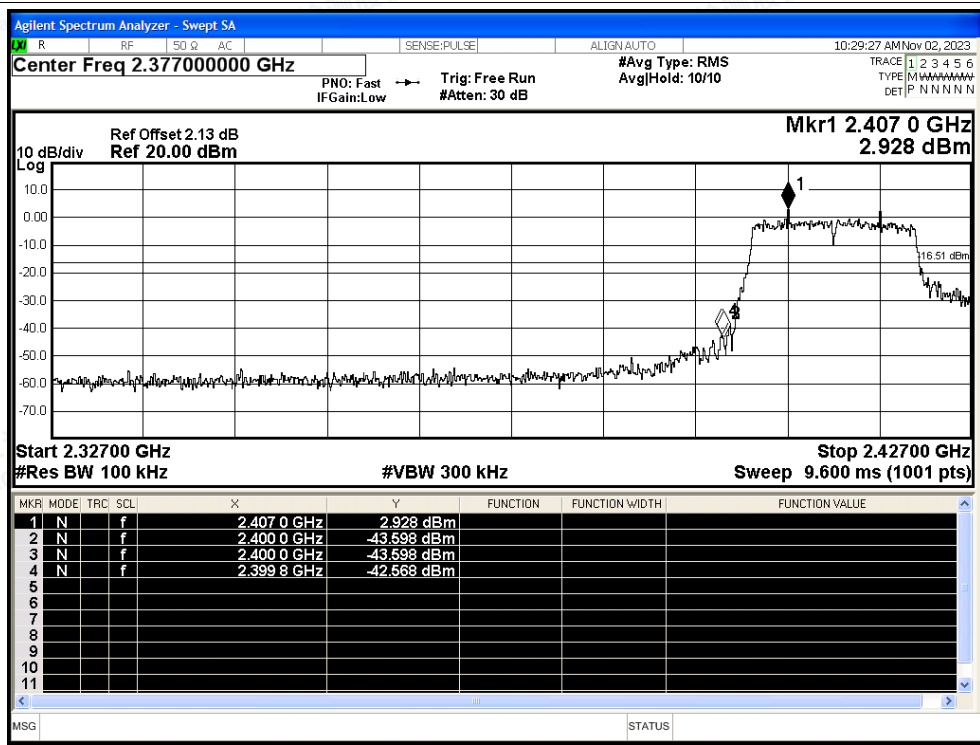




Band Edge NVNT n20 2412MHz Ant1 Ref

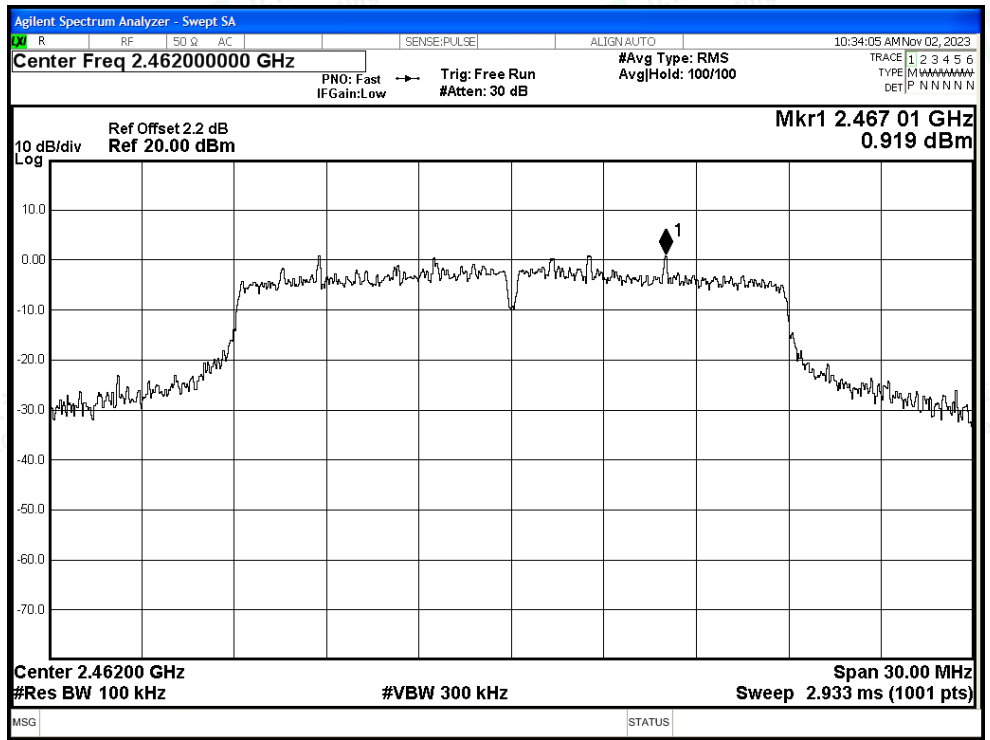


Band Edge NVNT n20 2412MHz Ant1 Emission

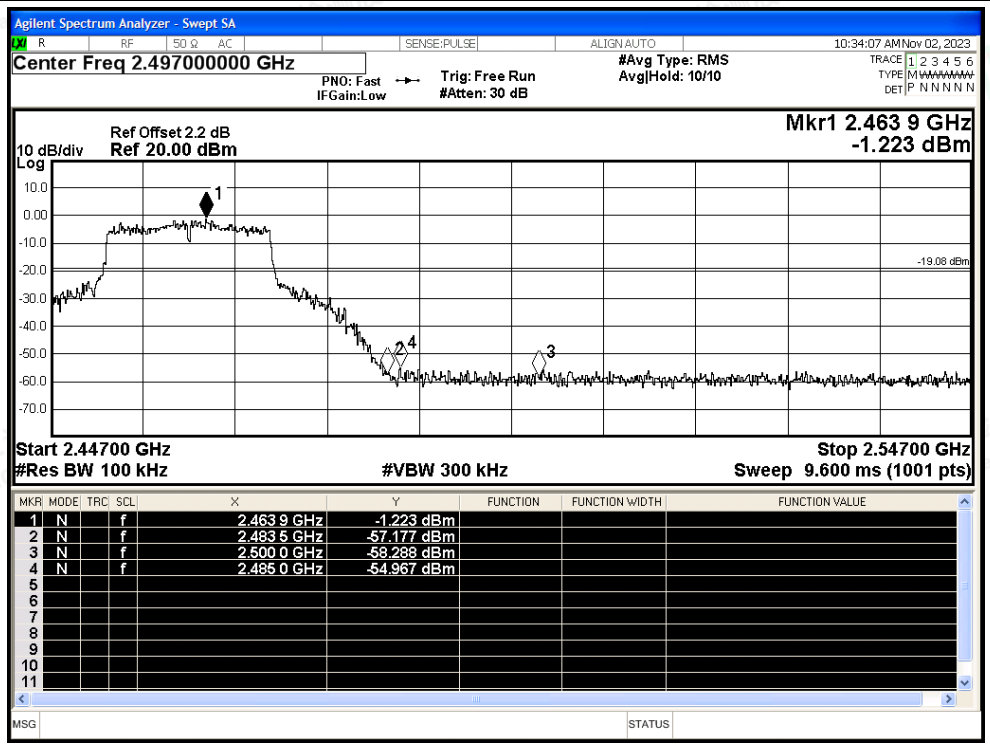




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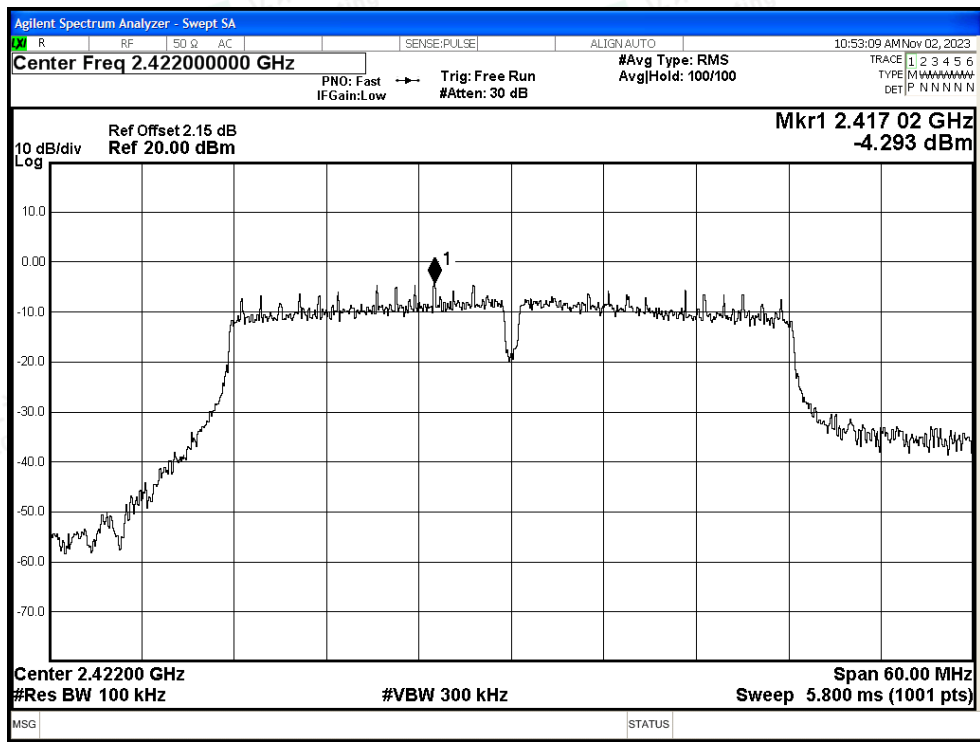


Band Edge NVNT n20 2462MHz Ant1 Emission

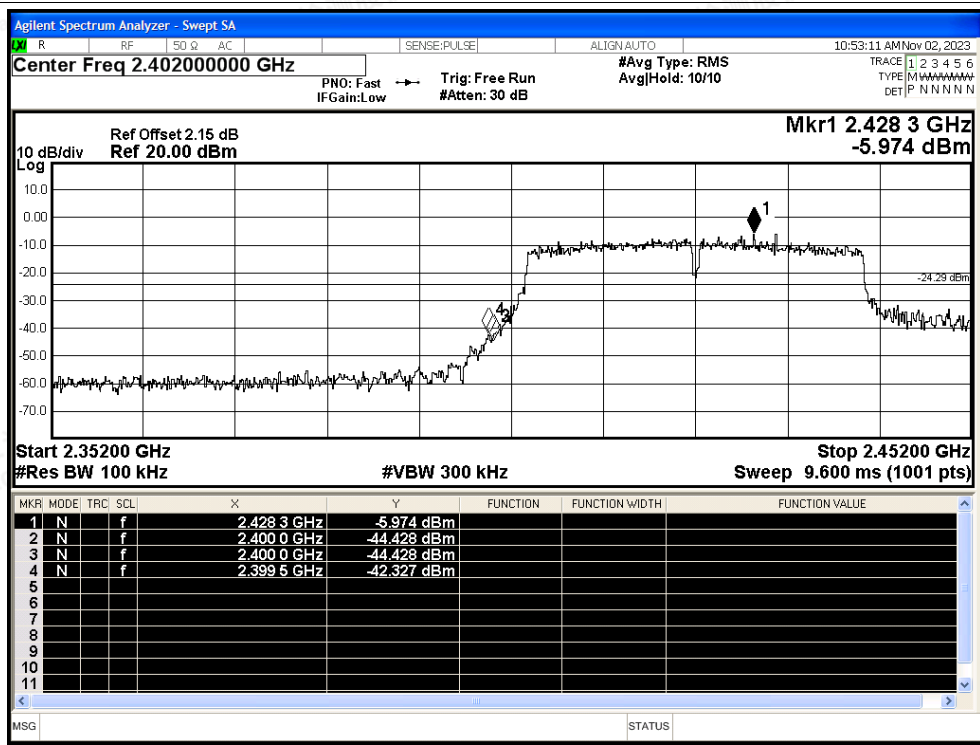




Band Edge NVNT n40 2422MHz Ant1 Ref



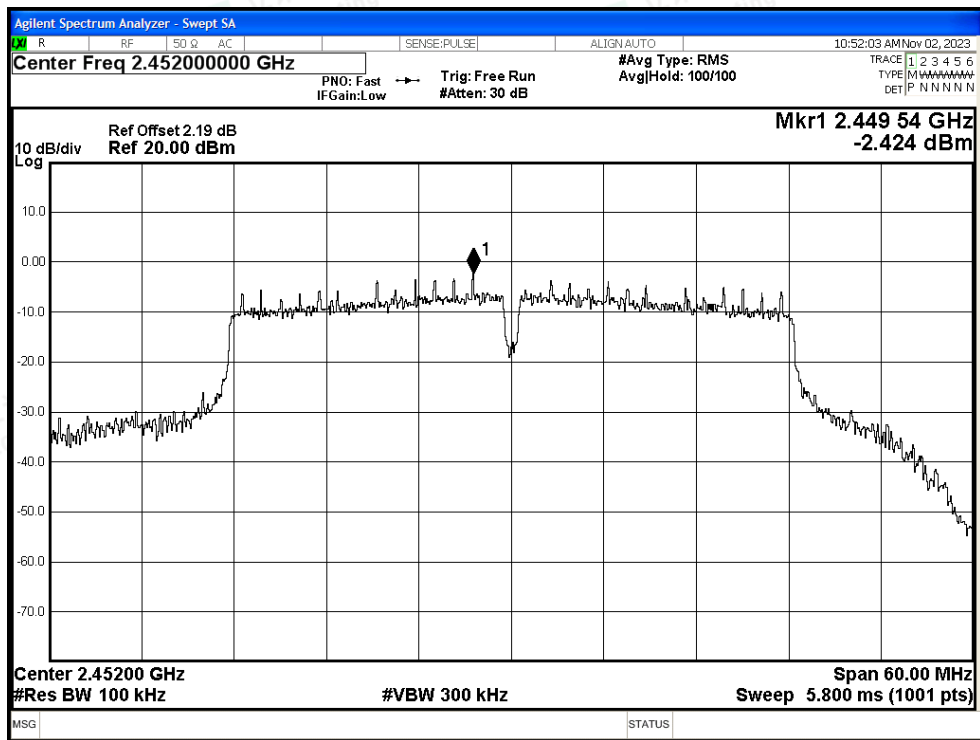
Band Edge NVNT n40 2422MHz Ant1 Emission



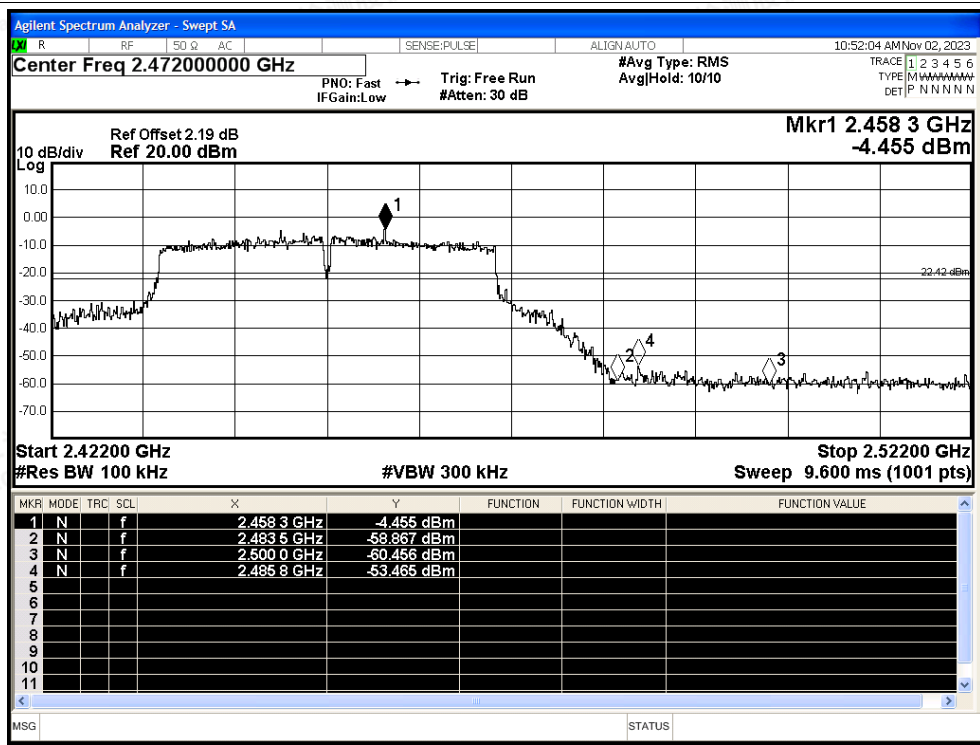




Band Edge NVNT n40 2452MHz Ant1 Ref

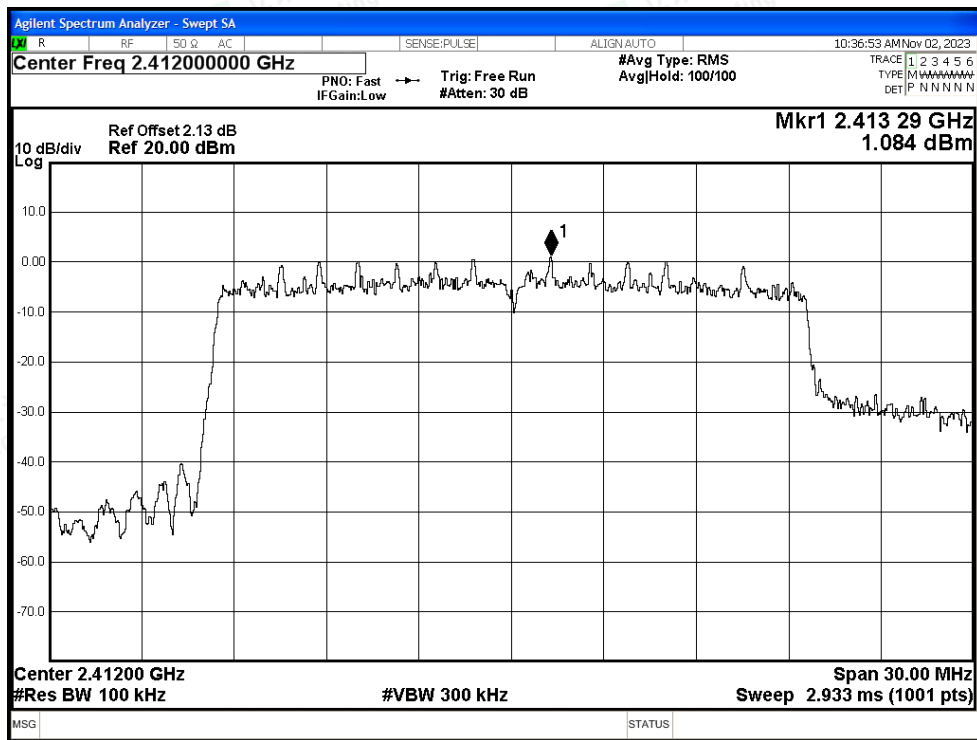


Band Edge NVNT n40 2452MHz Ant1 Emission

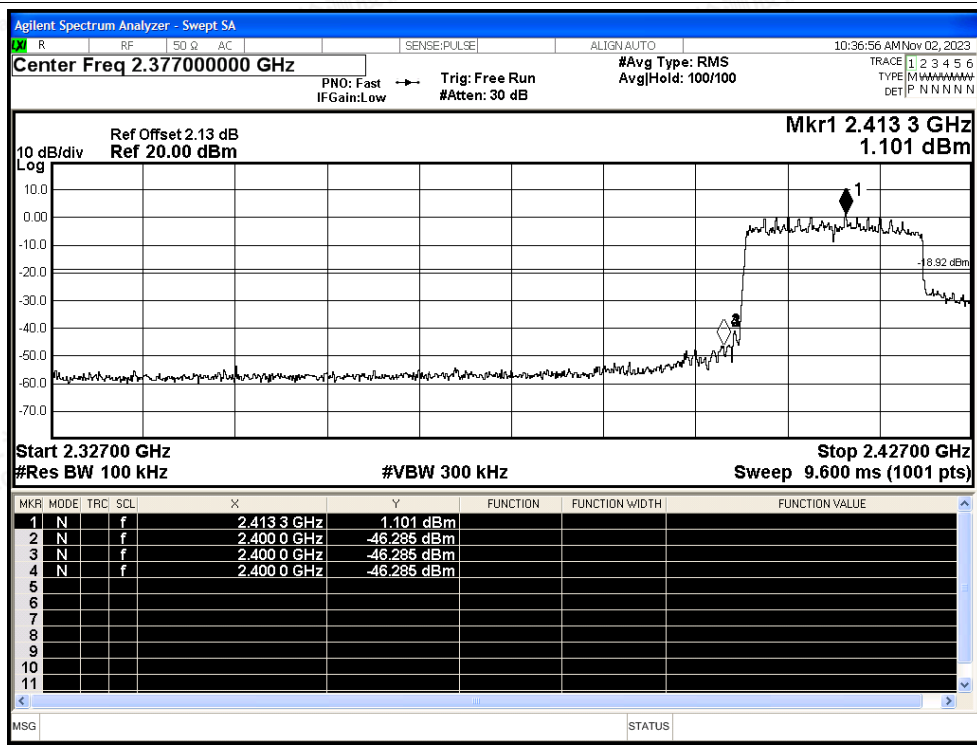




Band Edge NVNT ax20 2412MHz Ant1 Ref

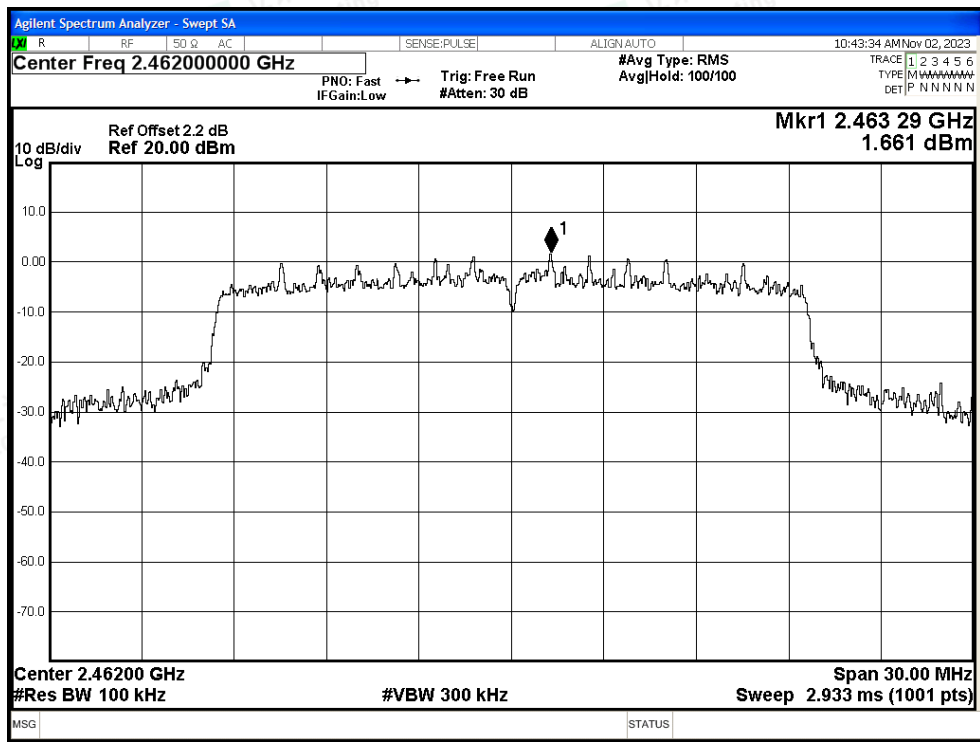


Band Edge NVNT ax20 2412MHz Ant1 Emission

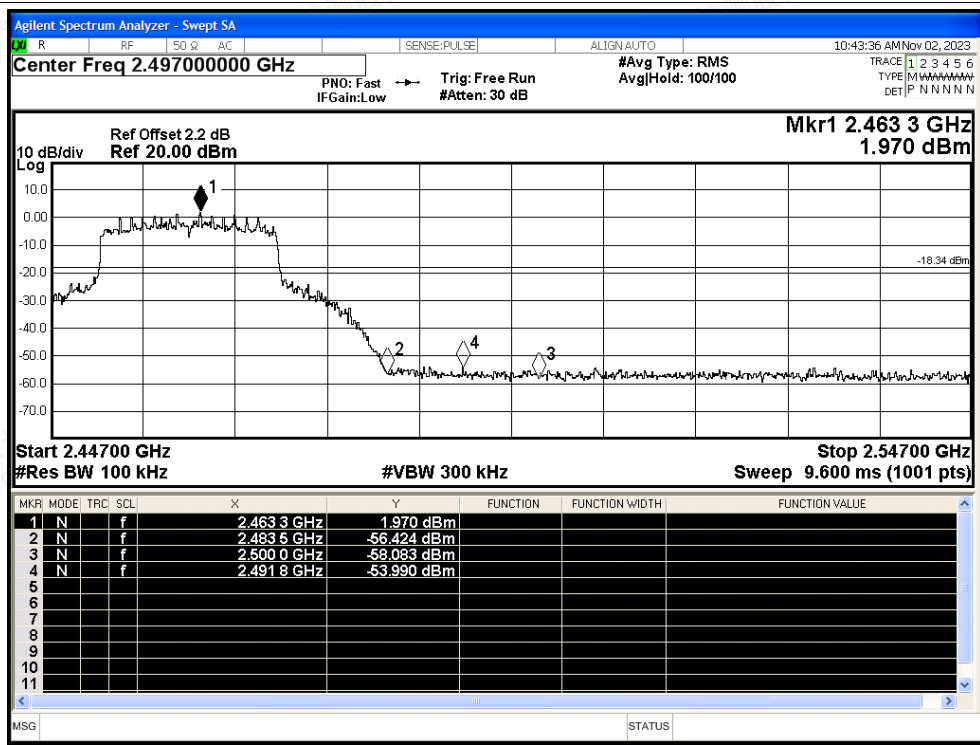




Band Edge NVNT ax20 2462MHz Ant1 Ref

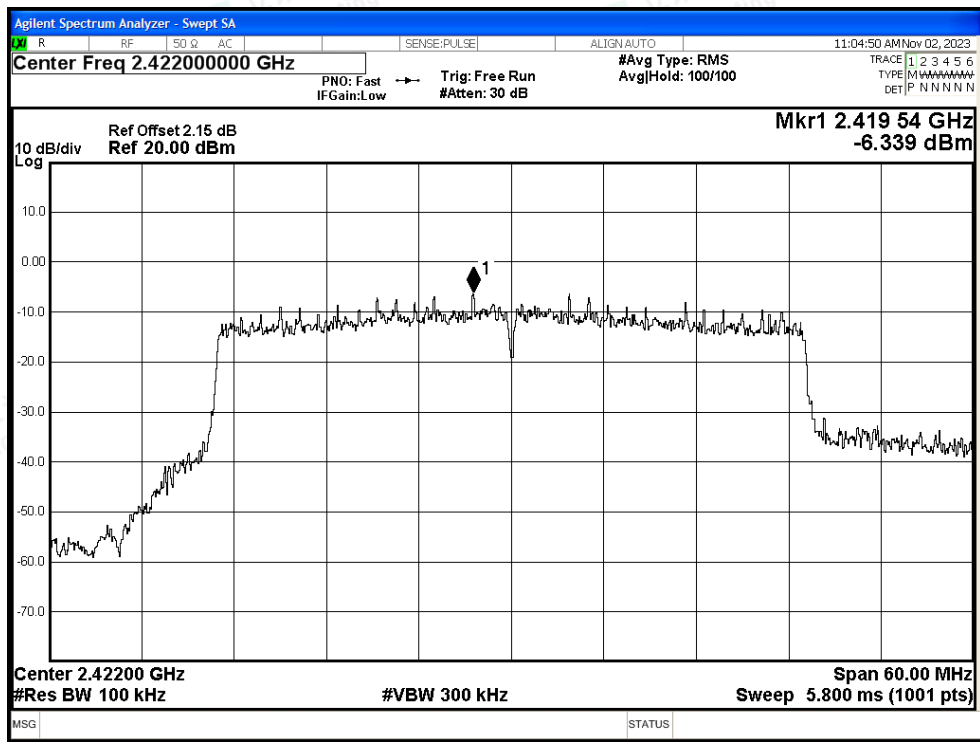


Band Edge NVNT ax20 2462MHz Ant1 Emission

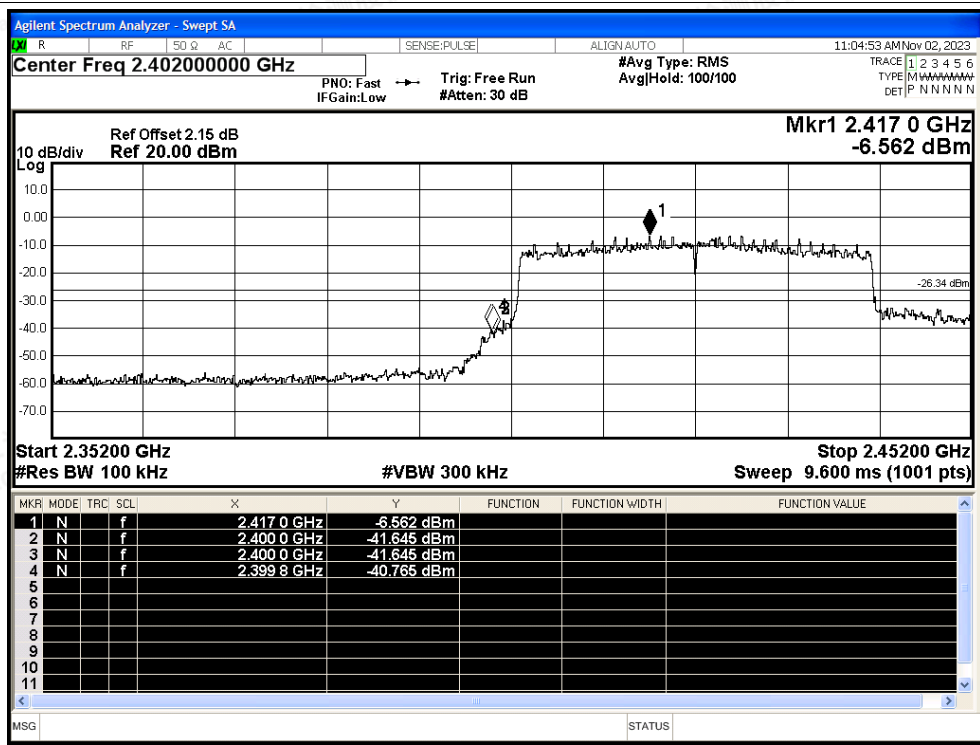




Band Edge NVNT ax40 2422MHz Ant1 Ref

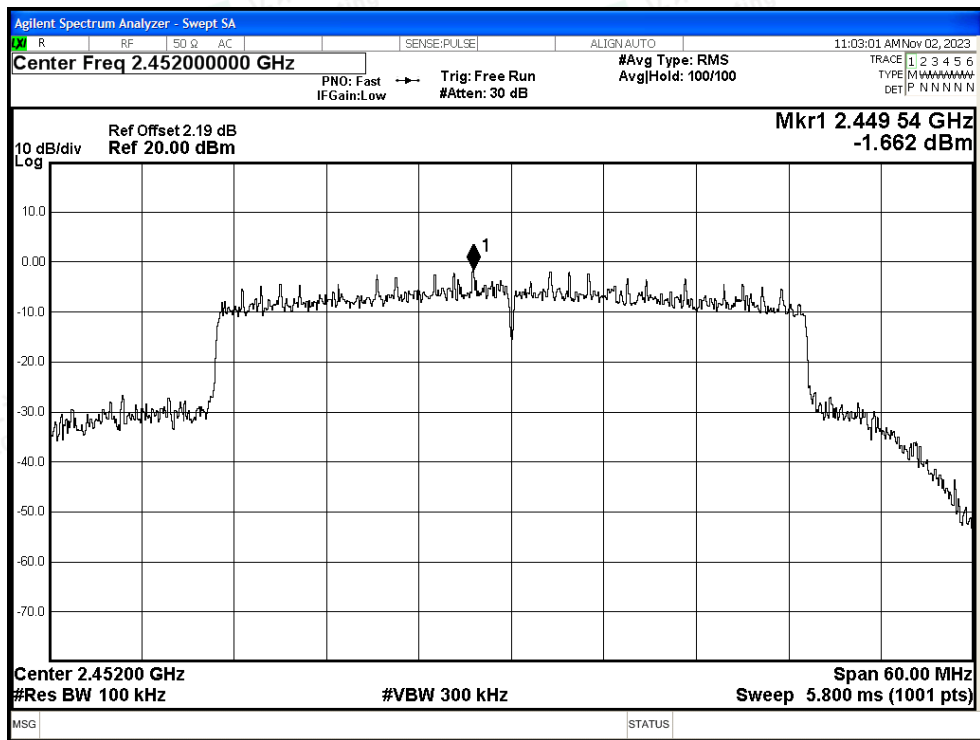


Band Edge NVNT ax40 2422MHz Ant1 Emission

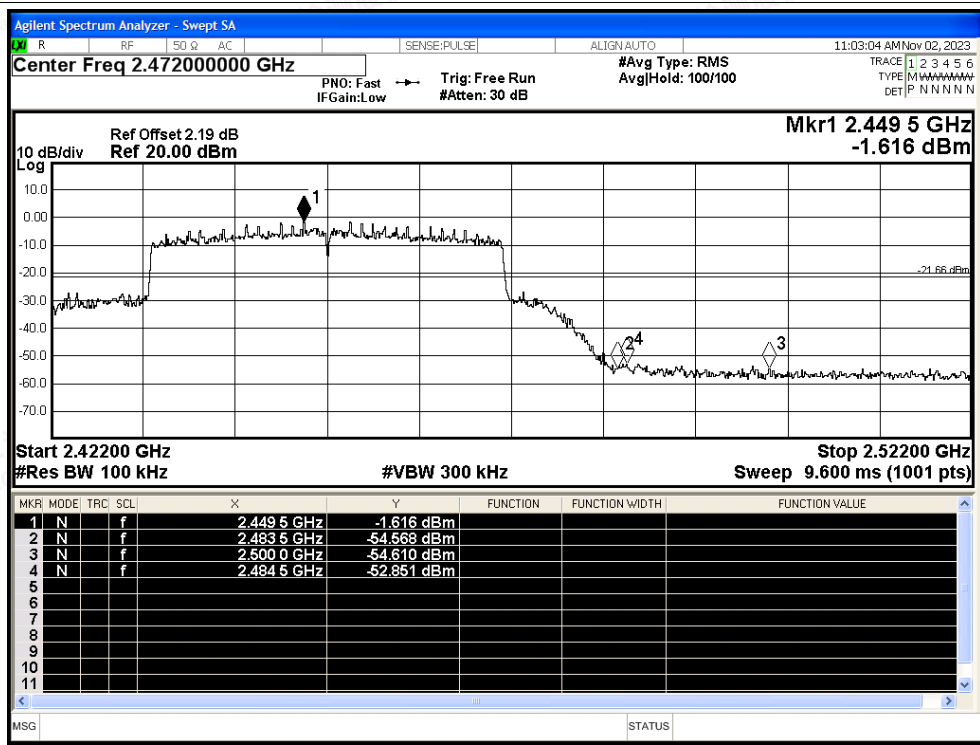




Band Edge NVNT ax40 2452MHz Ant1 Ref



Band Edge NVNT ax40 2452MHz Ant1 Emission





### A.5 Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | b    | 2412            | Ant0    | -52.77          | -20         | Pass    |
| NVNT      | b    | 2437            | Ant0    | -54.2           | -20         | Pass    |
| NVNT      | b    | 2462            | Ant0    | -52.25          | -20         | Pass    |
| NVNT      | g    | 2412            | Ant0    | -48.02          | -20         | Pass    |
| NVNT      | g    | 2437            | Ant0    | -47.9           | -20         | Pass    |
| NVNT      | g    | 2462            | Ant0    | -48.9           | -20         | Pass    |
| NVNT      | n20  | 2412            | Ant0    | -48.82          | -20         | Pass    |
| NVNT      | n20  | 2437            | Ant0    | -48.69          | -20         | Pass    |
| NVNT      | n20  | 2462            | Ant0    | -46.85          | -20         | Pass    |
| NVNT      | n40  | 2422            | Ant0    | -45.57          | -20         | Pass    |
| NVNT      | n40  | 2437            | Ant0    | -46.21          | -20         | Pass    |
| NVNT      | n40  | 2452            | Ant0    | -46.47          | -20         | Pass    |
| NVNT      | ax20 | 2412            | Ant0    | -46.28          | -20         | Pass    |
| NVNT      | ax20 | 2437            | Ant0    | -44.77          | -20         | Pass    |
| NVNT      | ax20 | 2462            | Ant0    | -47.03          | -20         | Pass    |
| NVNT      | ax40 | 2422            | Ant0    | -43.62          | -20         | Pass    |
| NVNT      | ax40 | 2437            | Ant0    | -44.26          | -20         | Pass    |
| NVNT      | ax40 | 2452            | Ant0    | -44.03          | -20         | Pass    |

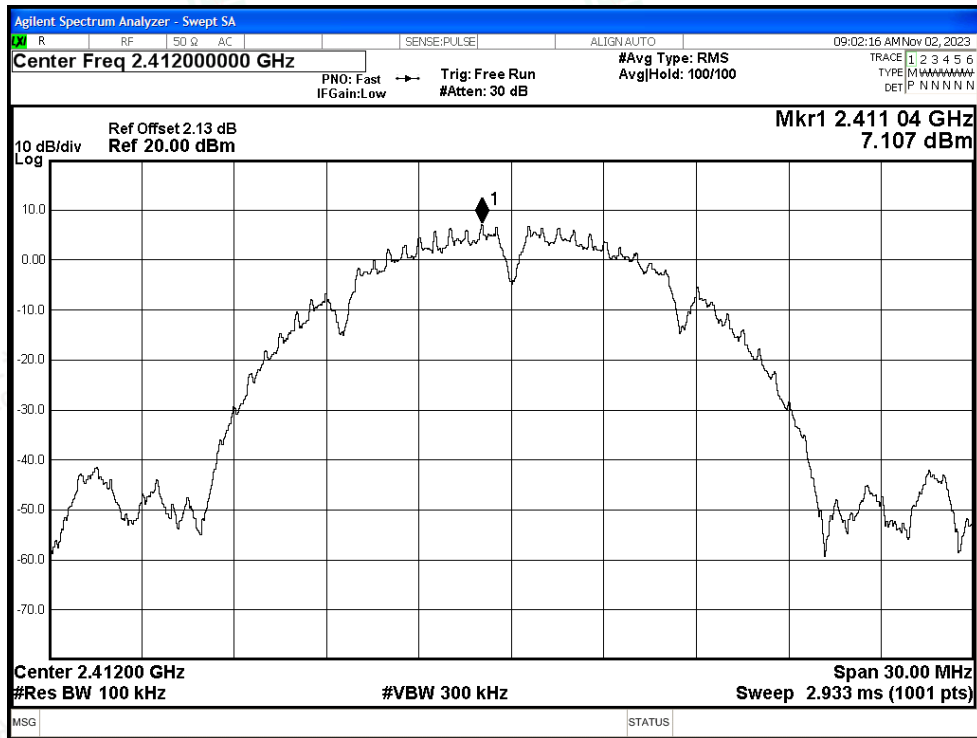


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 Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China  
 Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com  
 Scan code to check authenticity

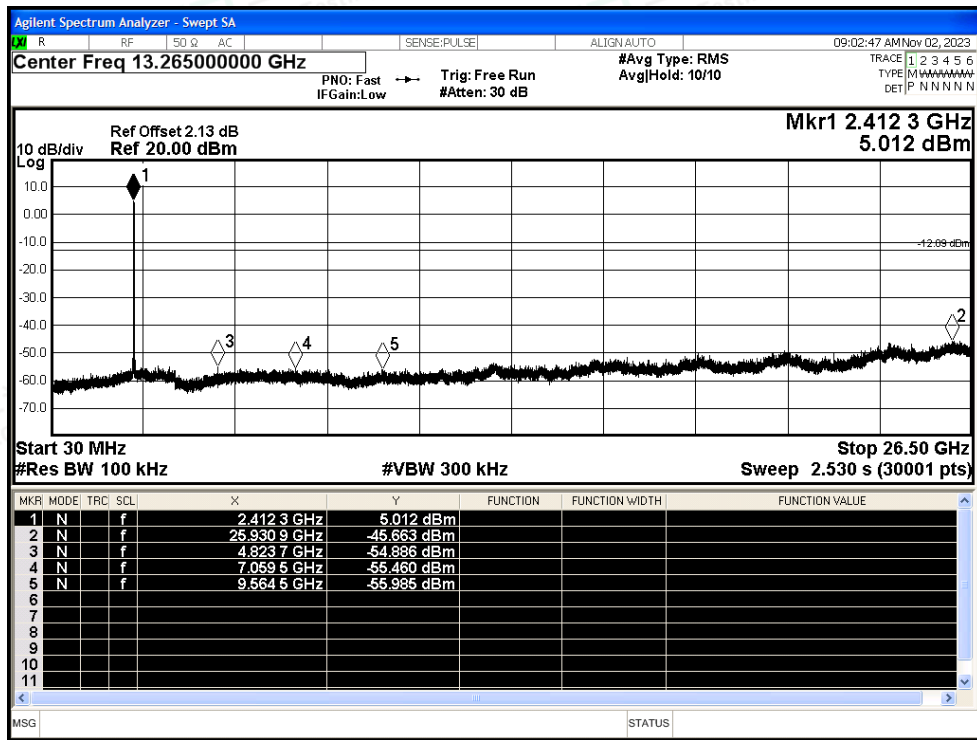


Test Graphs

Tx. Spurious NVNT b 2412MHz Ant0 Ref

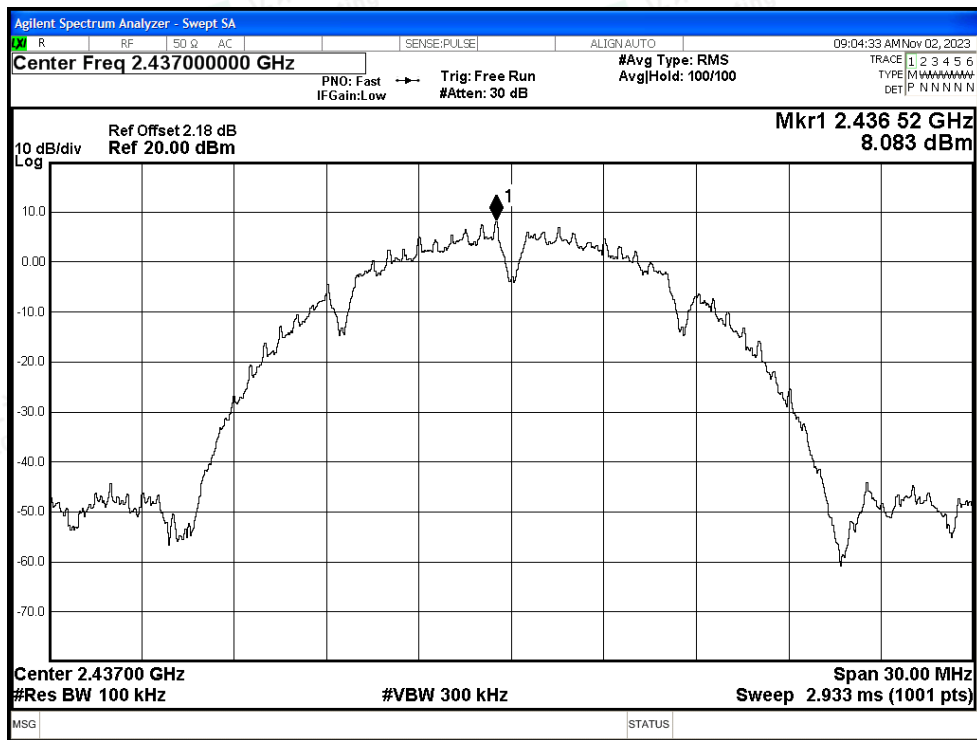


Tx. Spurious NVNT b 2412MHz Ant0 Emission





Tx. Spurious NVNT b 2437MHz Ant0 Ref



Tx. Spurious NVNT b 2437MHz Ant0 Emission

