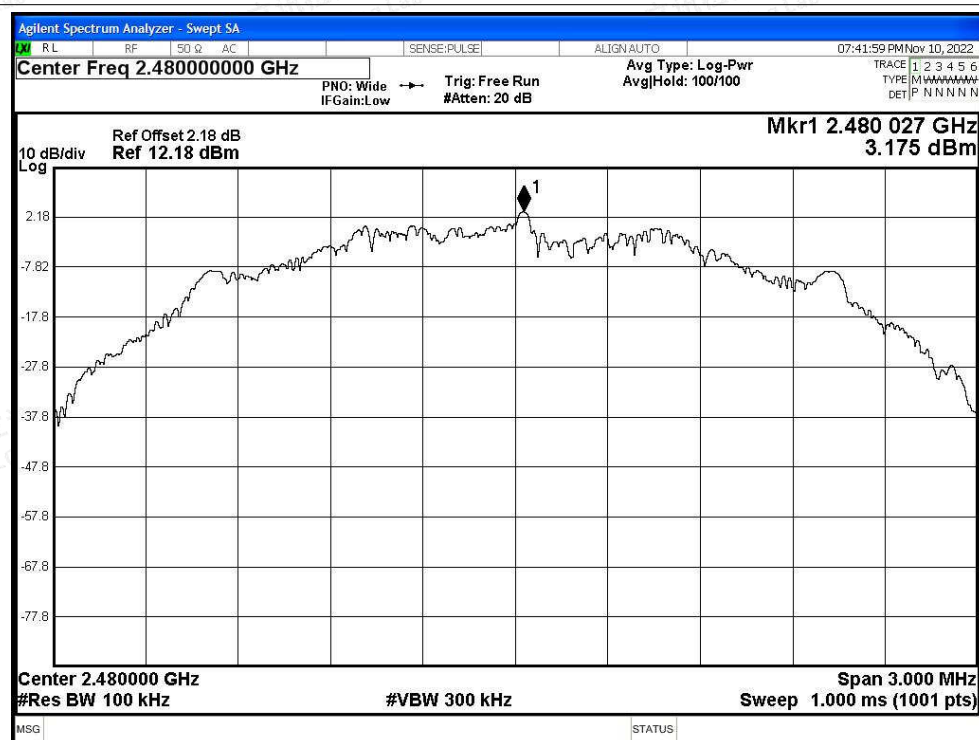
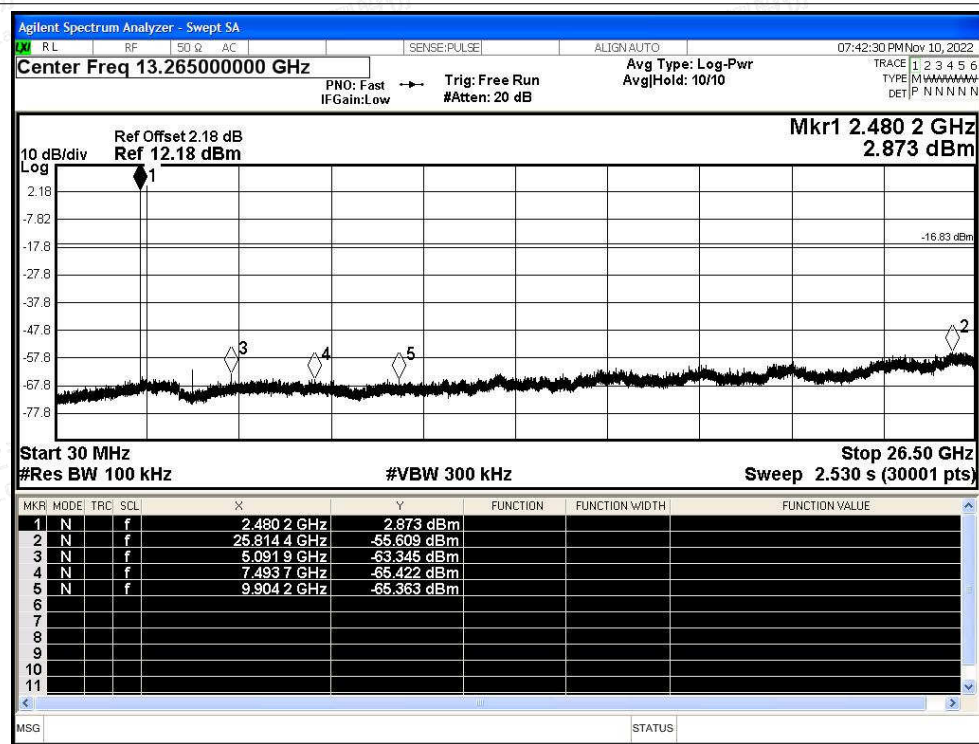




## Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Ref



## Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Emission



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## B.6 Duty Cycle

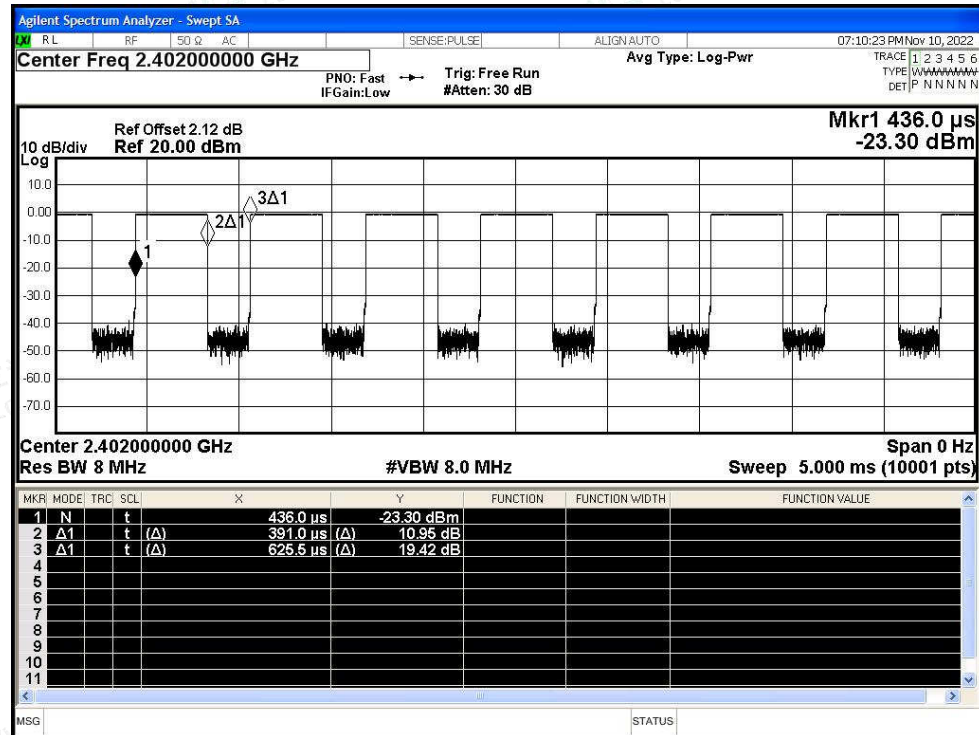
| Condition | Mode   | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|--------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | BLE 1M | 2402            | Ant1    | 62.51          | 2.04                   | 2.56      |
| NVNT      | BLE 1M | 2440            | Ant1    | 62.56          | 2.04                   | 2.56      |
| NVNT      | BLE 1M | 2480            | Ant1    | 62.48          | 2.04                   | 2.56      |
| NVNT      | BLE 2M | 2402            | Ant1    | 33.25          | 4.78                   | 4.84      |
| NVNT      | BLE 2M | 2440            | Ant1    | 33.17          | 4.79                   | 4.85      |
| NVNT      | BLE 2M | 2480            | Ant1    | 33.17          | 4.79                   | 4.85      |



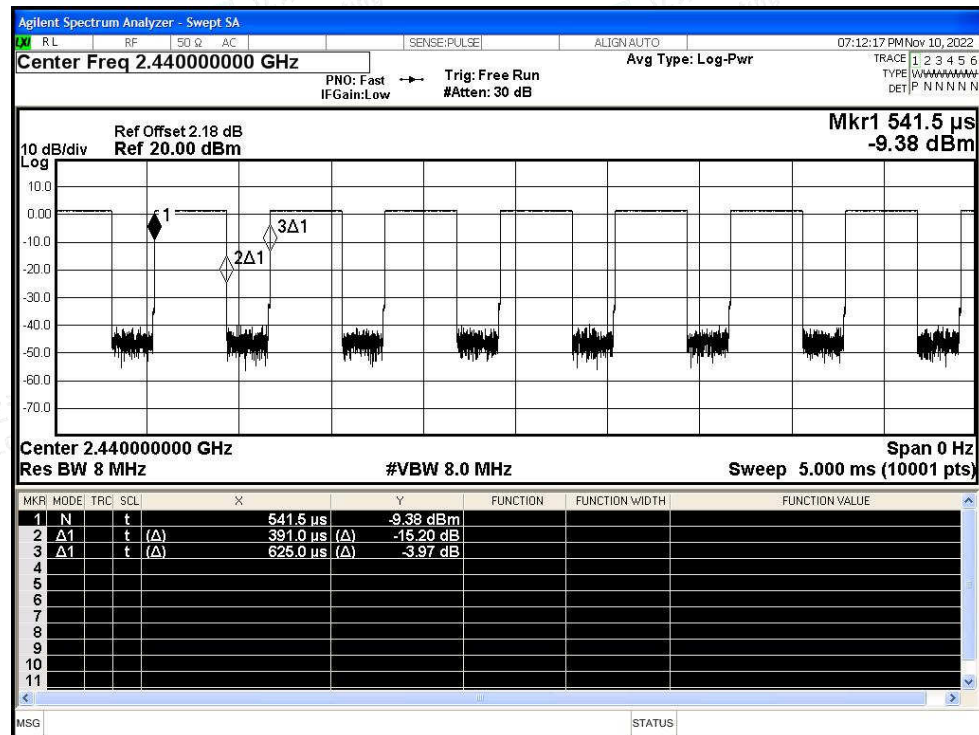


## Test Graphs

## Duty Cycle NVNT BLE 1M 2402MHz Ant1



## Duty Cycle NVNT BLE 1M 2440MHz Ant1



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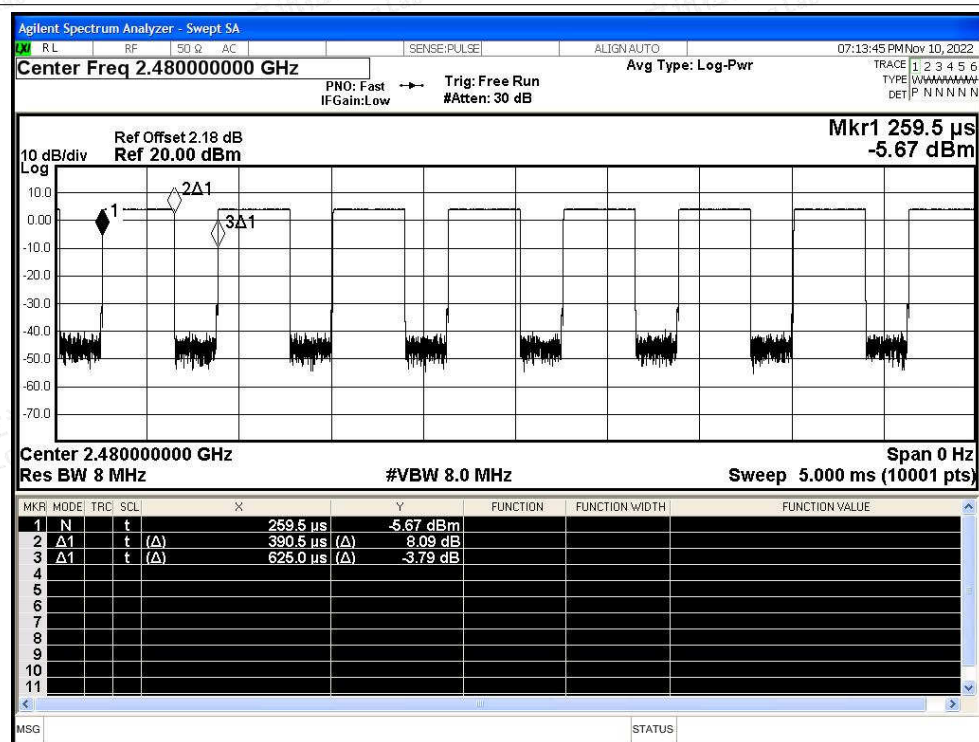
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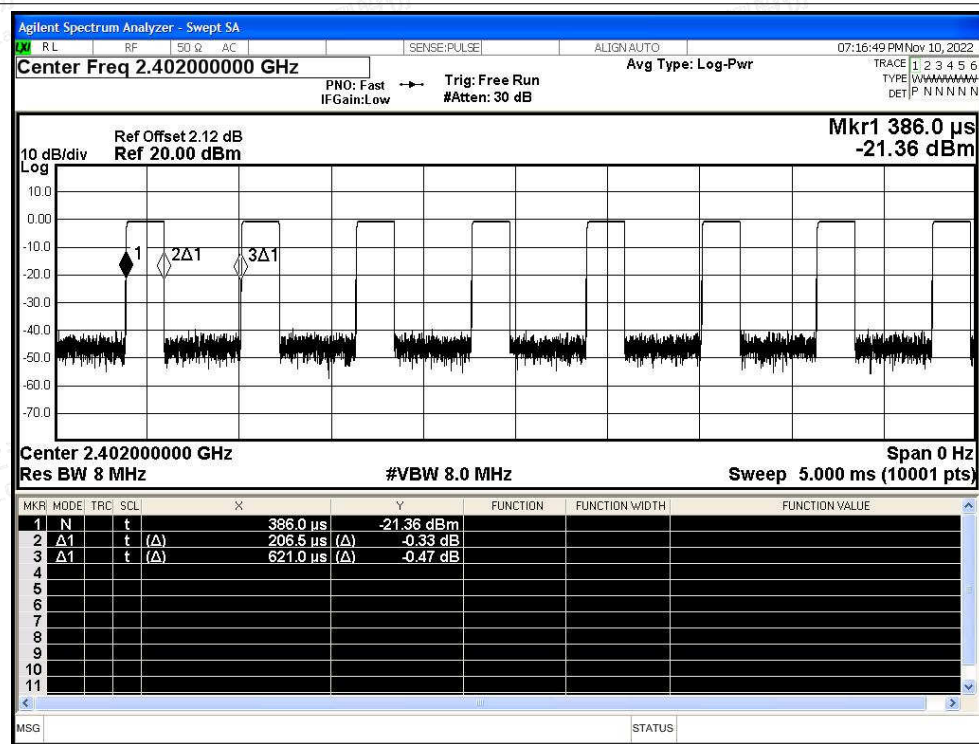
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## Duty Cycle NVNT BLE 1M 2480MHz Ant1



## Duty Cycle NVNT BLE 2M 2402MHz Ant1



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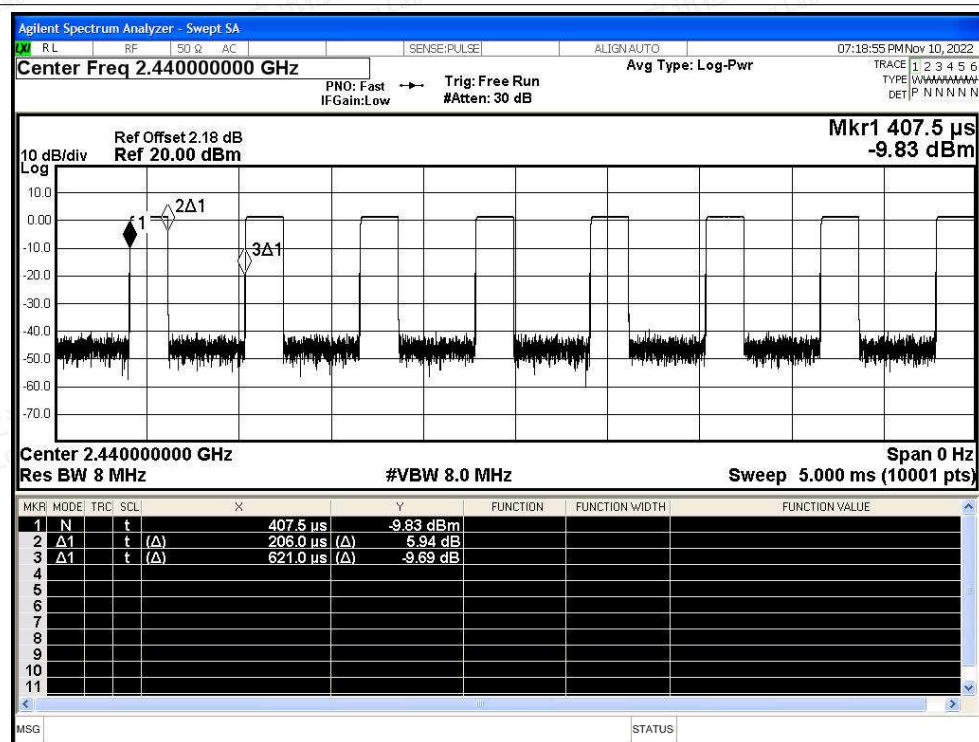
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

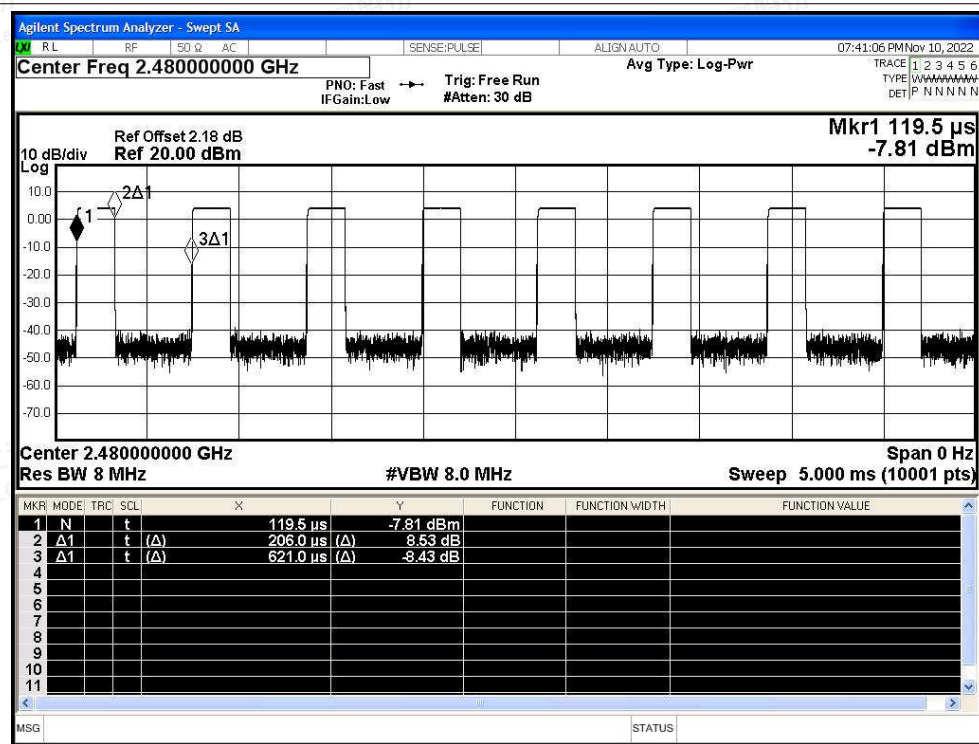
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## Duty Cycle NVNT BLE 2M 2440MHz Ant1



## Duty Cycle NVNT BLE 2M 2480MHz Ant1



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## B.7 Restrict Band

| Condition | Mode   | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|------------|------------|----------|----------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | 2310            | -50.2       | 2.1        | 47.13      | Peak     | 74             | Pass    |
| NVNT      | BLE 1M | 2402            | Ant1    | 2310            | -58.13      | 2.1        | 39.20      | Average  | 54             | Pass    |
| NVNT      | BLE 1M | 2402            | Ant1    | 2345.136        | -46         | 2.1        | 51.33      | Peak     | 74             | Pass    |
| NVNT      | BLE 1M | 2402            | Ant1    | 2324.016        | -57.2       | 2.1        | 40.13      | Average  | 54             | Pass    |
| NVNT      | BLE 1M | 2402            | Ant1    | 2390            | -47.95      | 2.1        | 49.38      | Peak     | 74             | Pass    |
| NVNT      | BLE 1M | 2402            | Ant1    | 2390            | -57.67      | 2.1        | 39.66      | Average  | 54             | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 2483.5          | -48.72      | 2.1        | 48.61      | Peak     | 74             | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 2483.5          | -56.44      | 2.1        | 40.89      | Average  | 54             | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 2488.84         | -45.22      | 2.1        | 52.11      | Peak     | 74             | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 2483.92         | -56.34      | 2.1        | 40.99      | Average  | 54             | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 2500            | -47.15      | 2.1        | 50.18      | Peak     | 74             | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 2500            | -57.29      | 2.1        | 40.04      | Average  | 54             | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | 2310            | -48.39      | 2.1        | 48.94      | Peak     | 74             | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | 2310            | -57.62      | 2.1        | 39.71      | Average  | 54             | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | 2340.72         | -46.27      | 2.1        | 51.06      | Peak     | 74             | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | 2310.48         | -56.75      | 2.1        | 40.58      | Average  | 54             | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | 2390            | -46.98      | 2.1        | 50.35      | Peak     | 74             | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | 2390            | -57.51      | 2.1        | 39.82      | Average  | 54             | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | 2483.5          | -43.05      | 2.1        | 54.28      | Peak     | 74             | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | 2483.5          | -52.83      | 2.1        | 44.50      | Average  | 54             | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | 2483.584        | -36.37      | 2.1        | 60.96      | Peak     | 74             | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | 2483.512        | -52.83      | 2.1        | 44.50      | Average  | 54             | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | 2500            | -48.02      | 2.1        | 49.31      | Peak     | 74             | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | 2500            | -56.92      | 2.1        | 40.41      | Average  | 54             | Pass    |

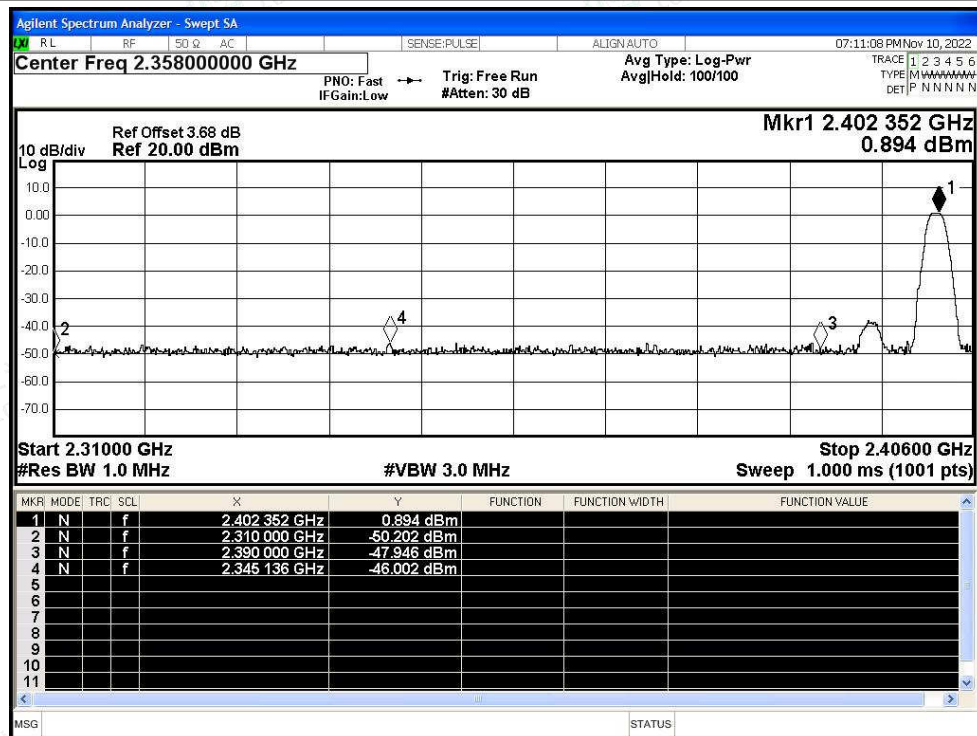


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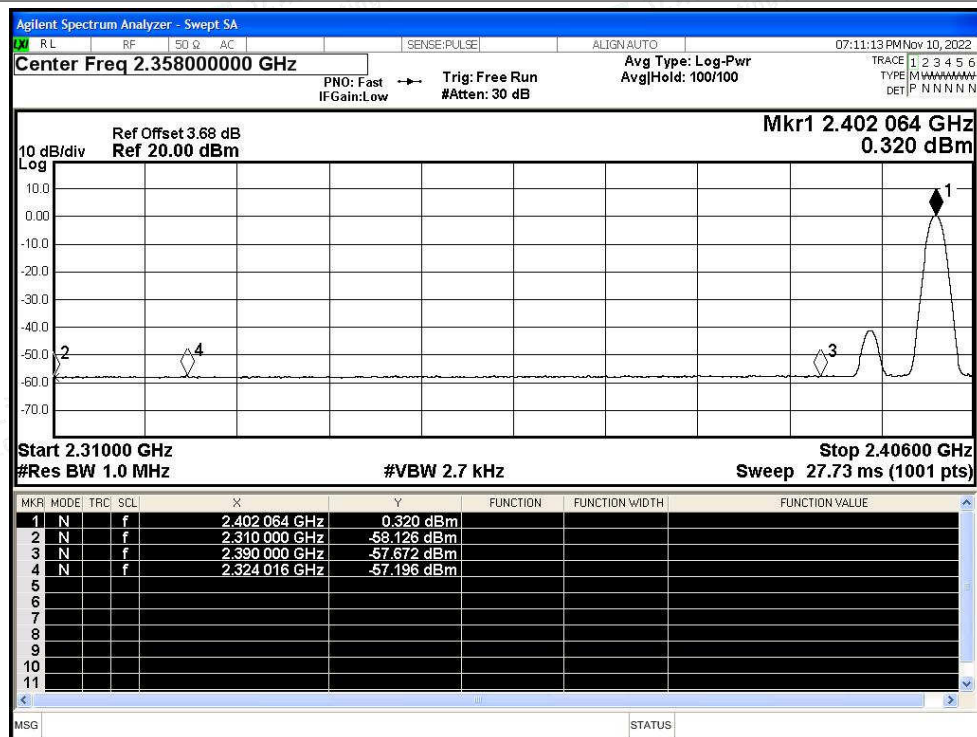


## Test Graphs

## Restrict Band NVNT BLE 1M 2402MHz Ant1 Peak



## Restrict Band NVNT BLE 1M 2402MHz Ant1 Average



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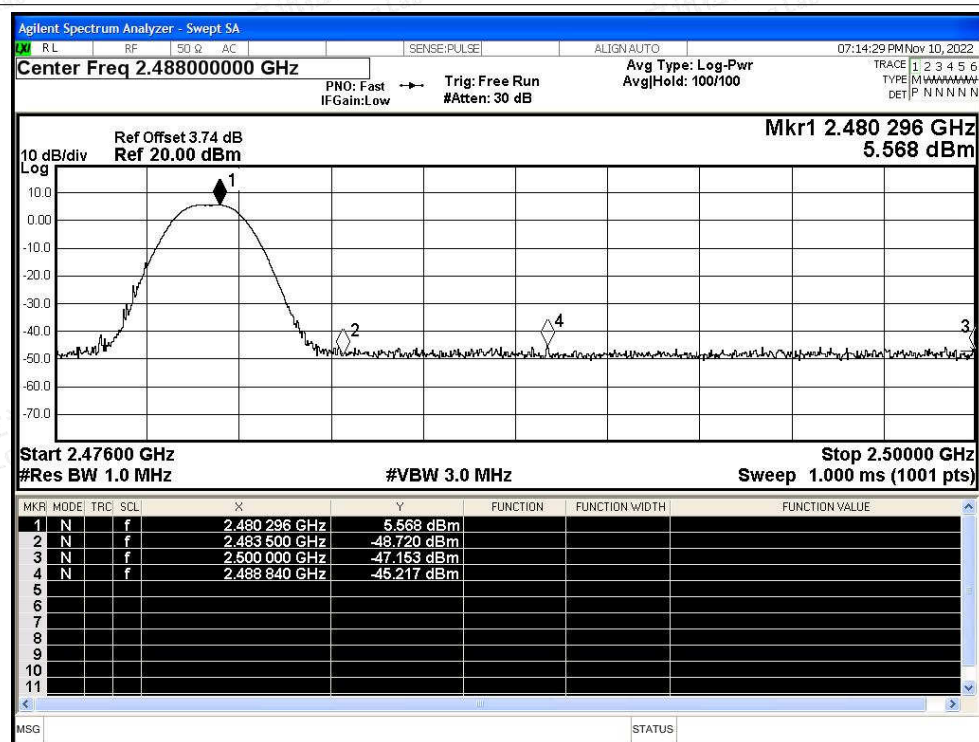
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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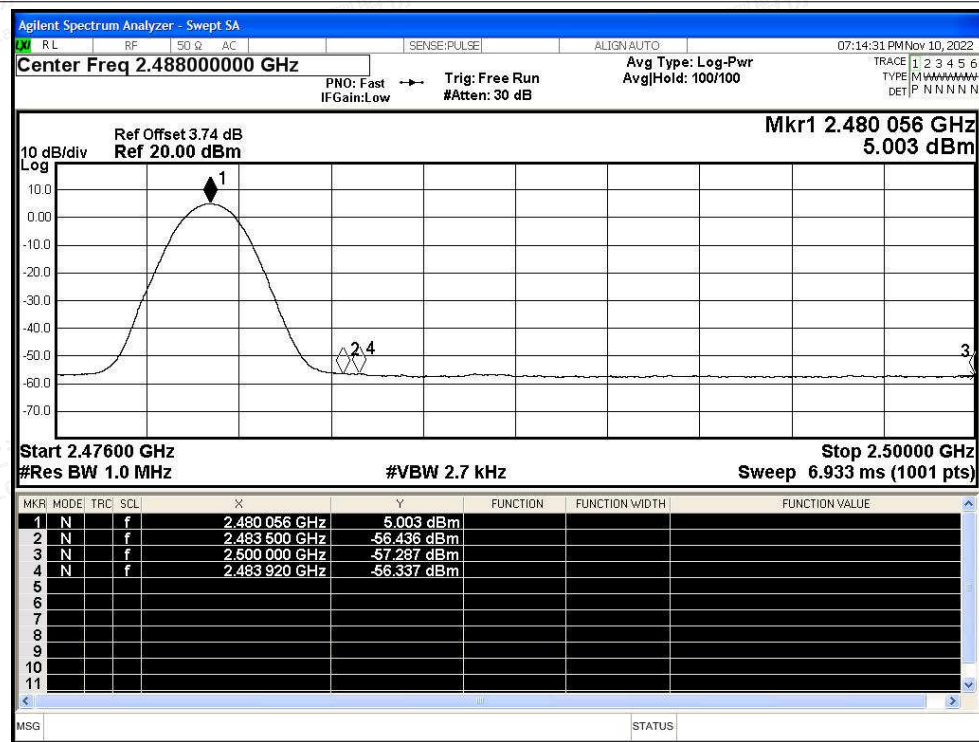
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## Restrict Band NVNT BLE 1M 2480MHz Ant1 Peak



## Restrict Band NVNT BLE 1M 2480MHz Ant1 Average



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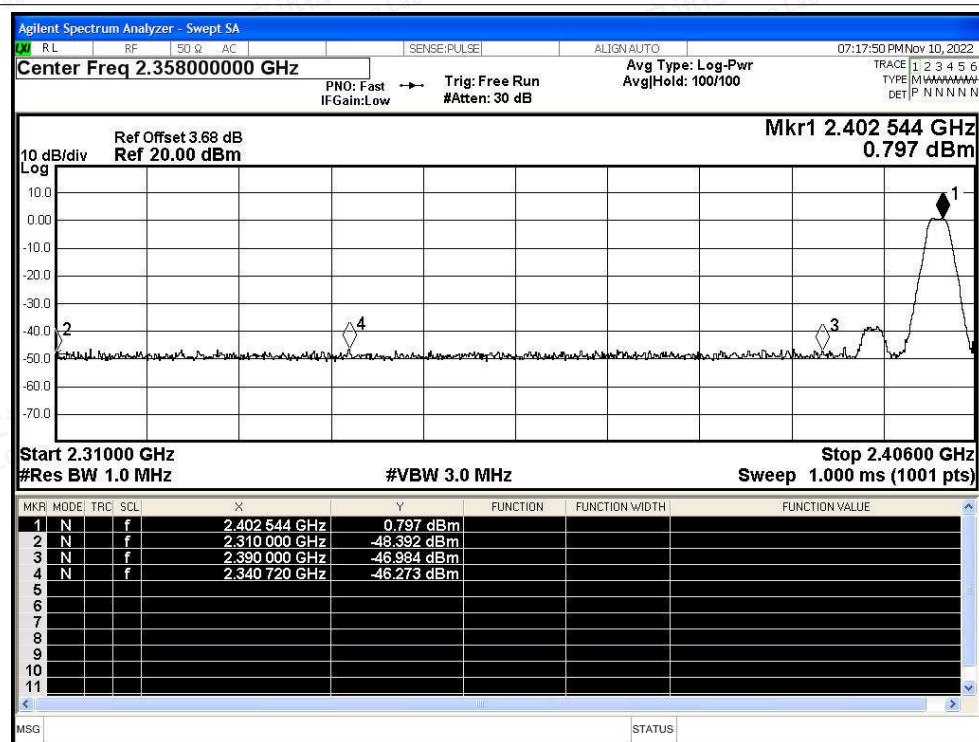
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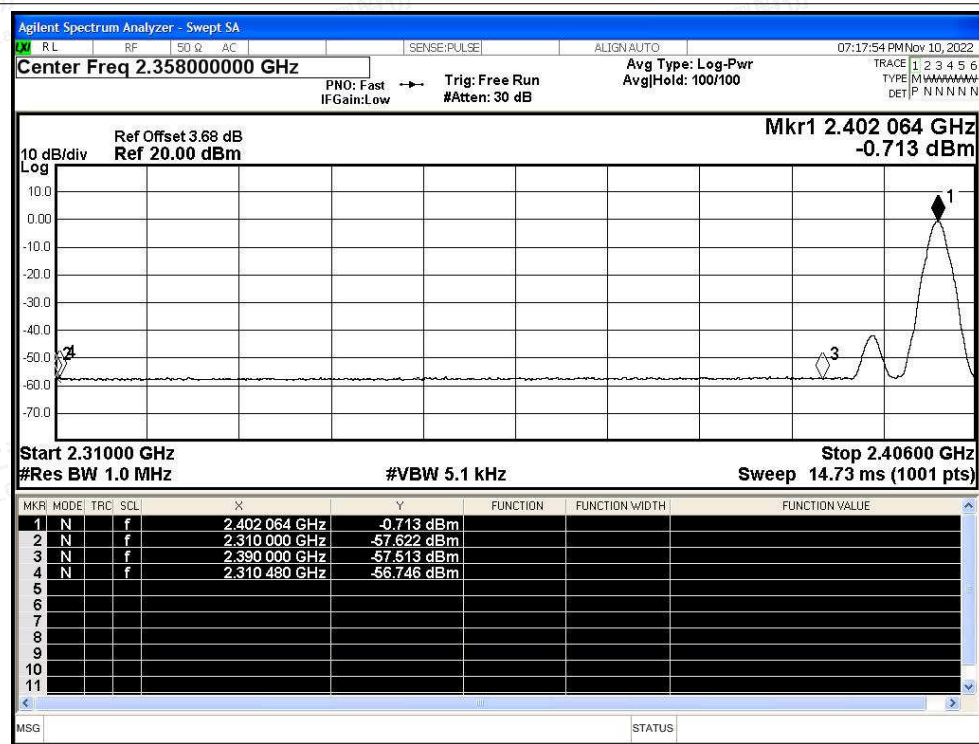




## Restrict Band NVNT BLE 2M 2402MHz Ant1 Peak



## Restrict Band NVNT BLE 2M 2402MHz Ant1 Average



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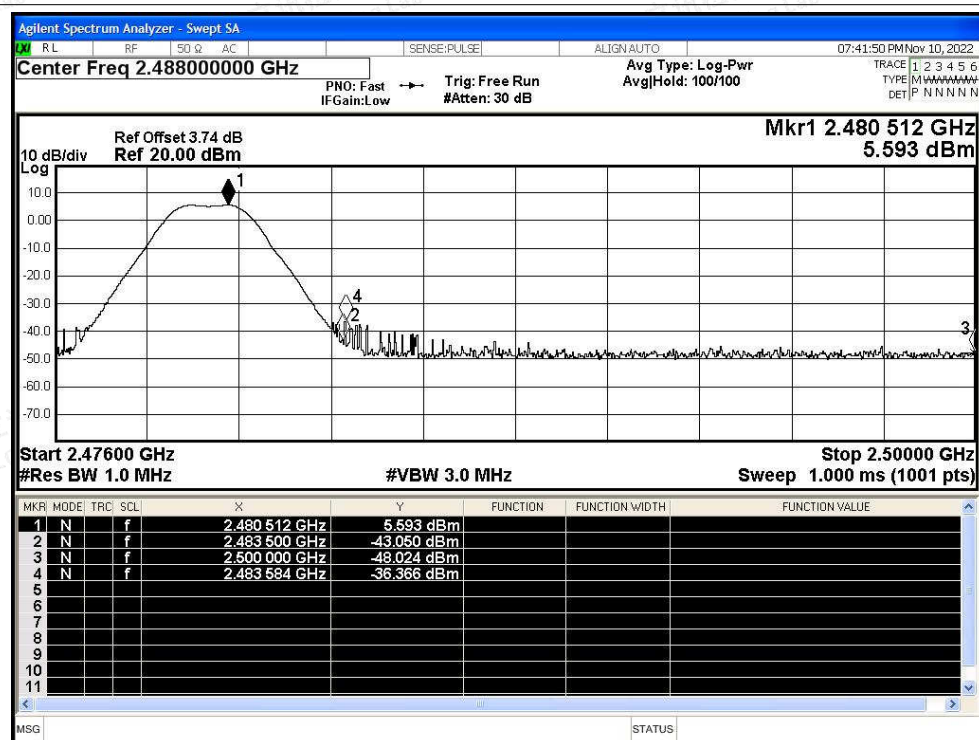
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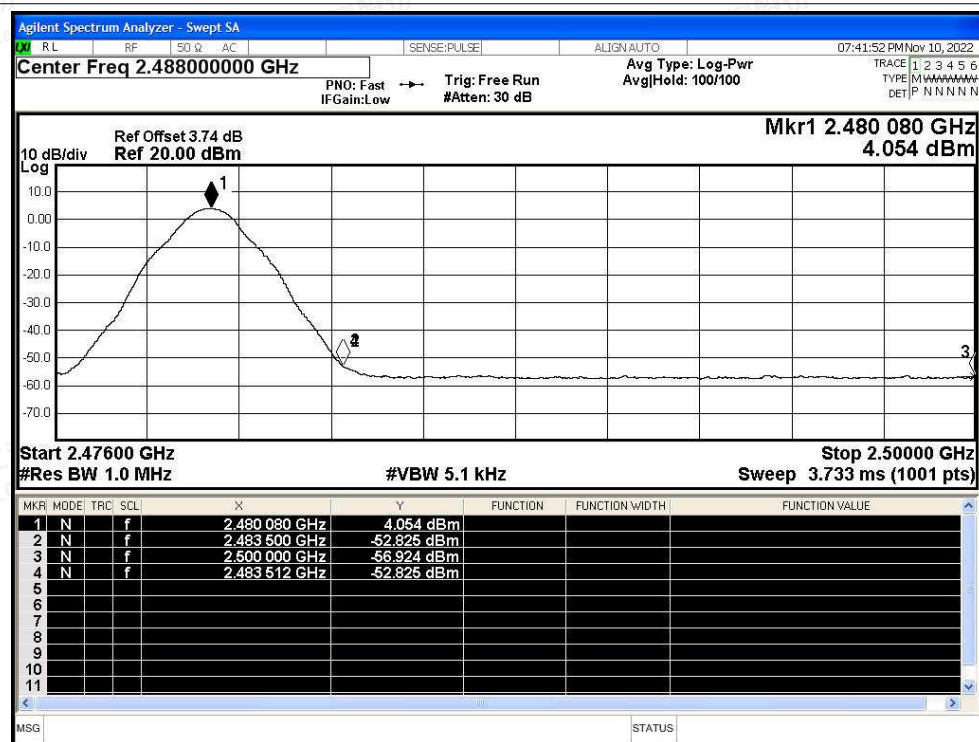
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## Restrict Band NVNT BLE 2M 2480MHz Ant1 Peak



## Restrict Band NVNT BLE 2M 2480MHz Ant1 Average



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