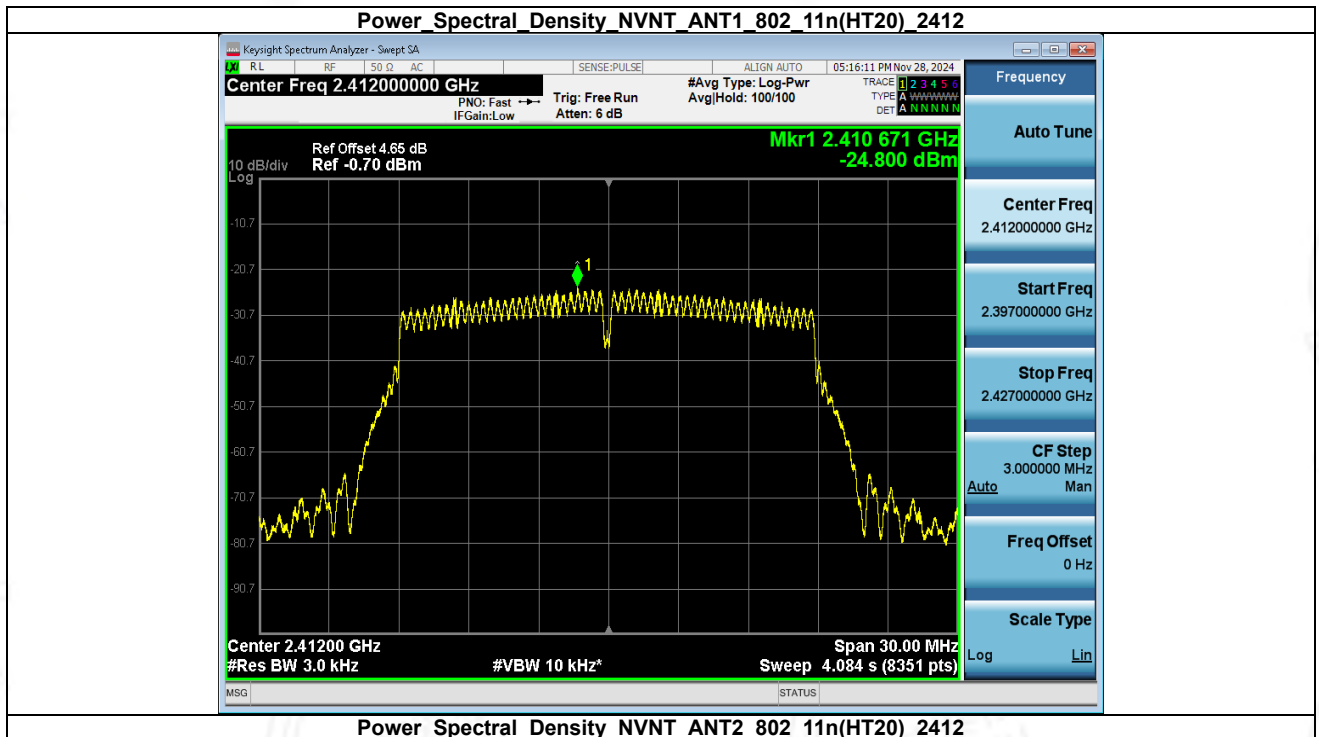
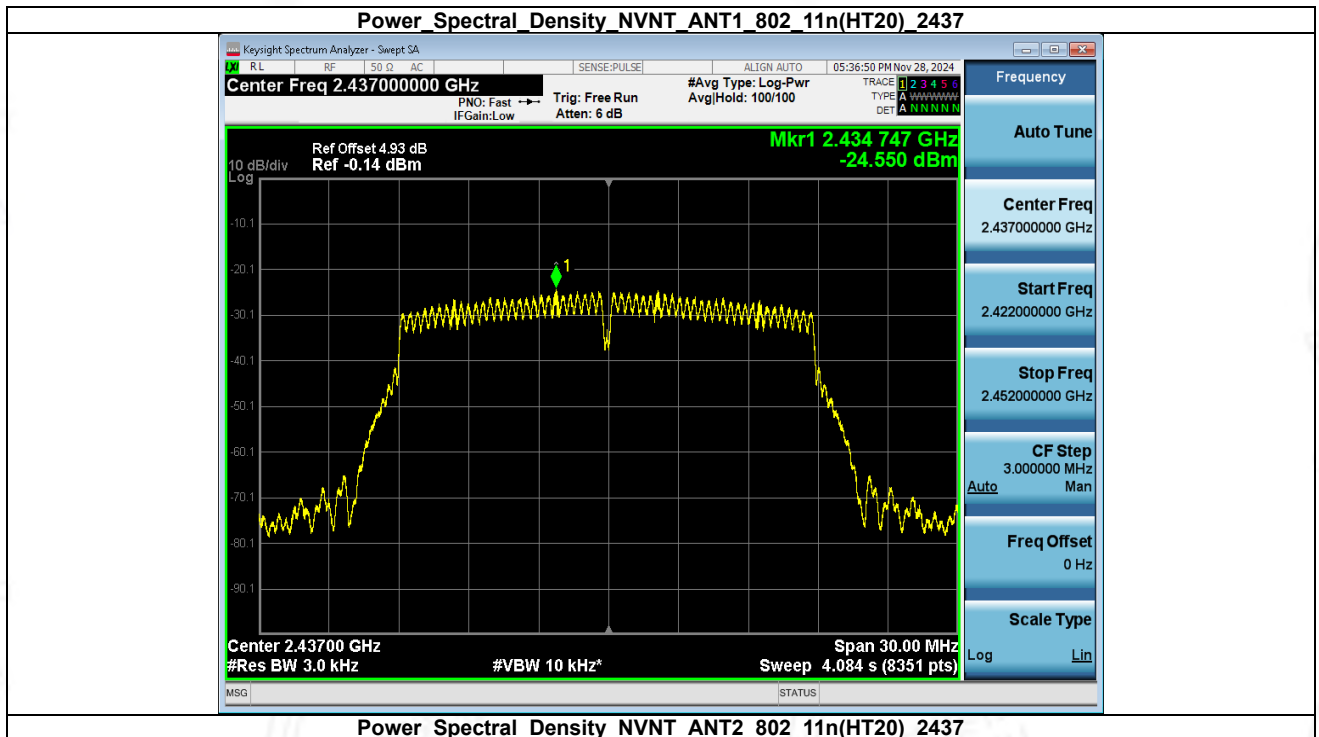
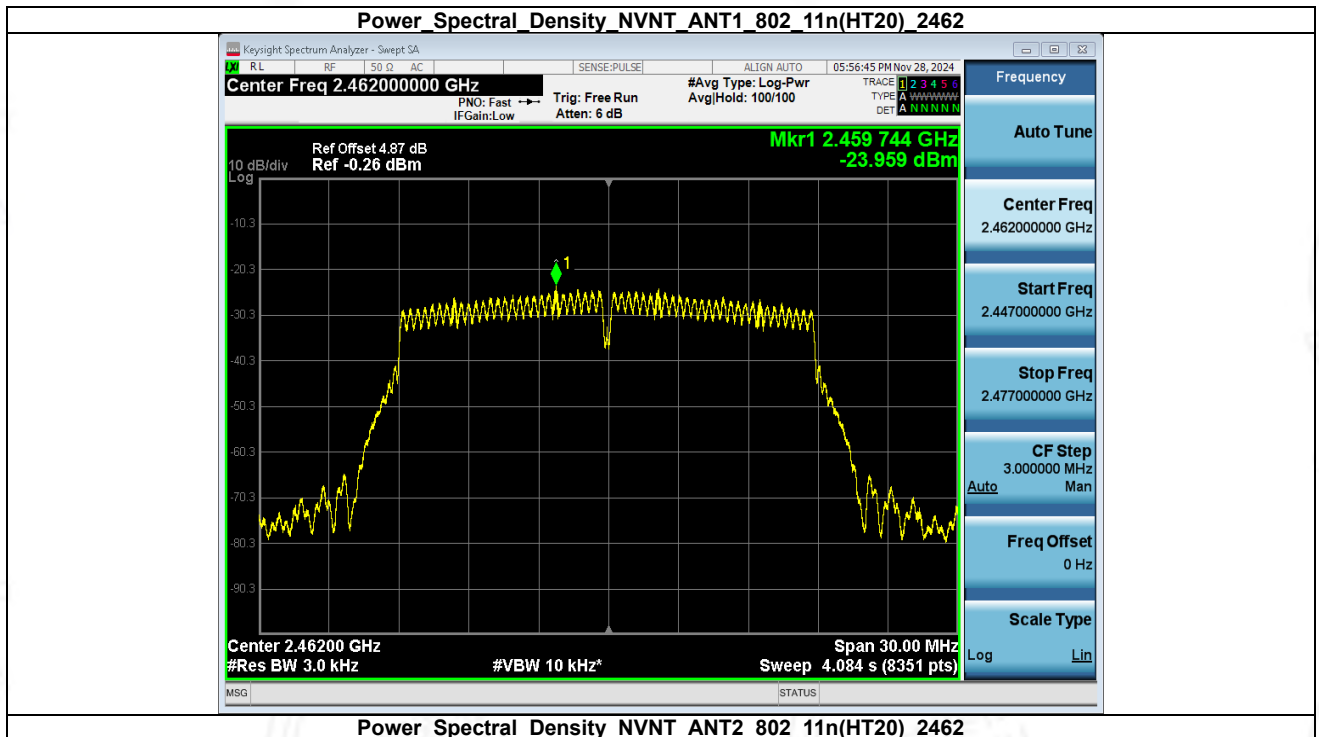
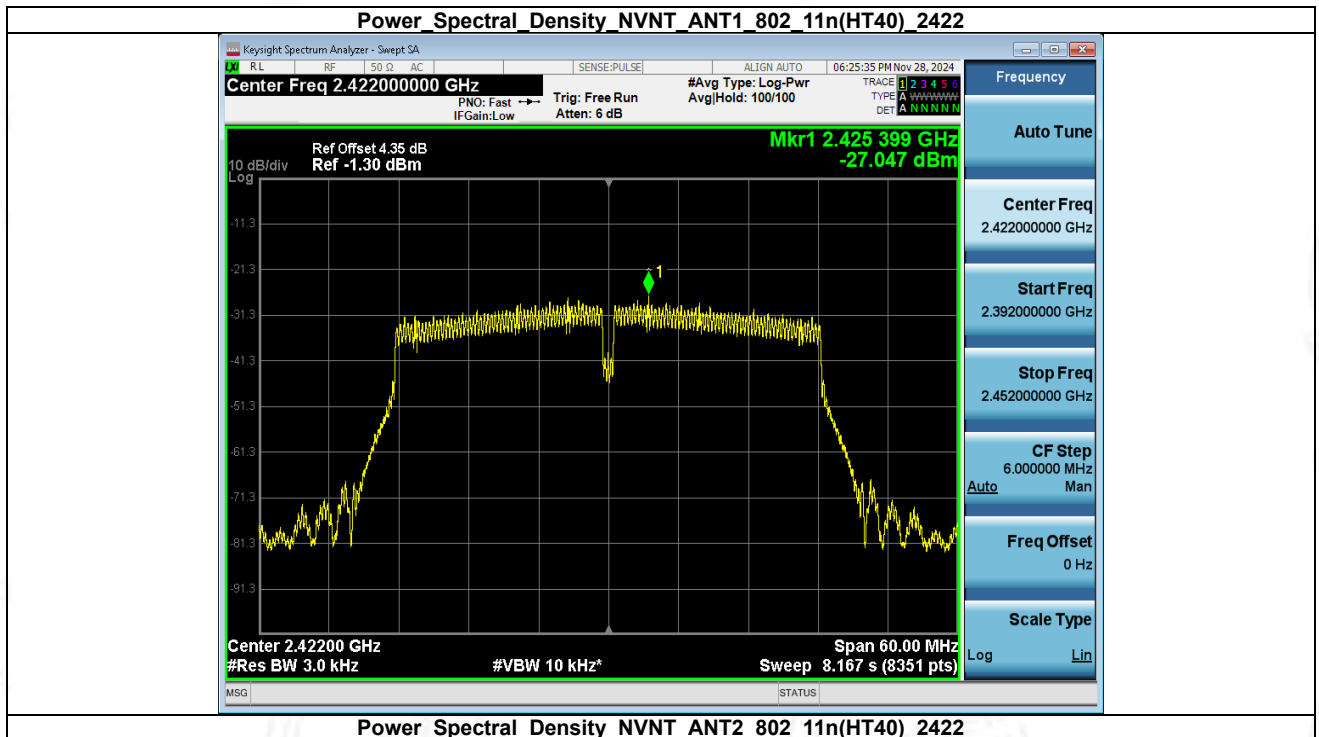
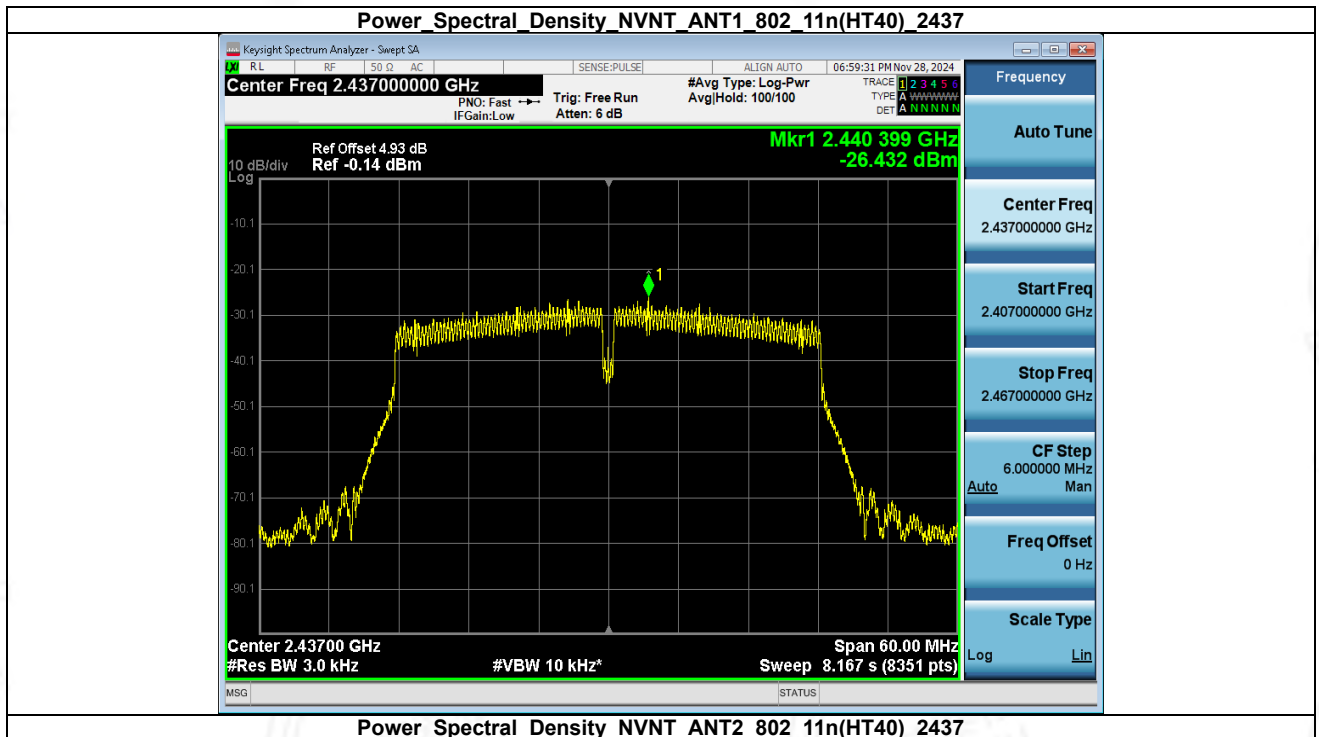


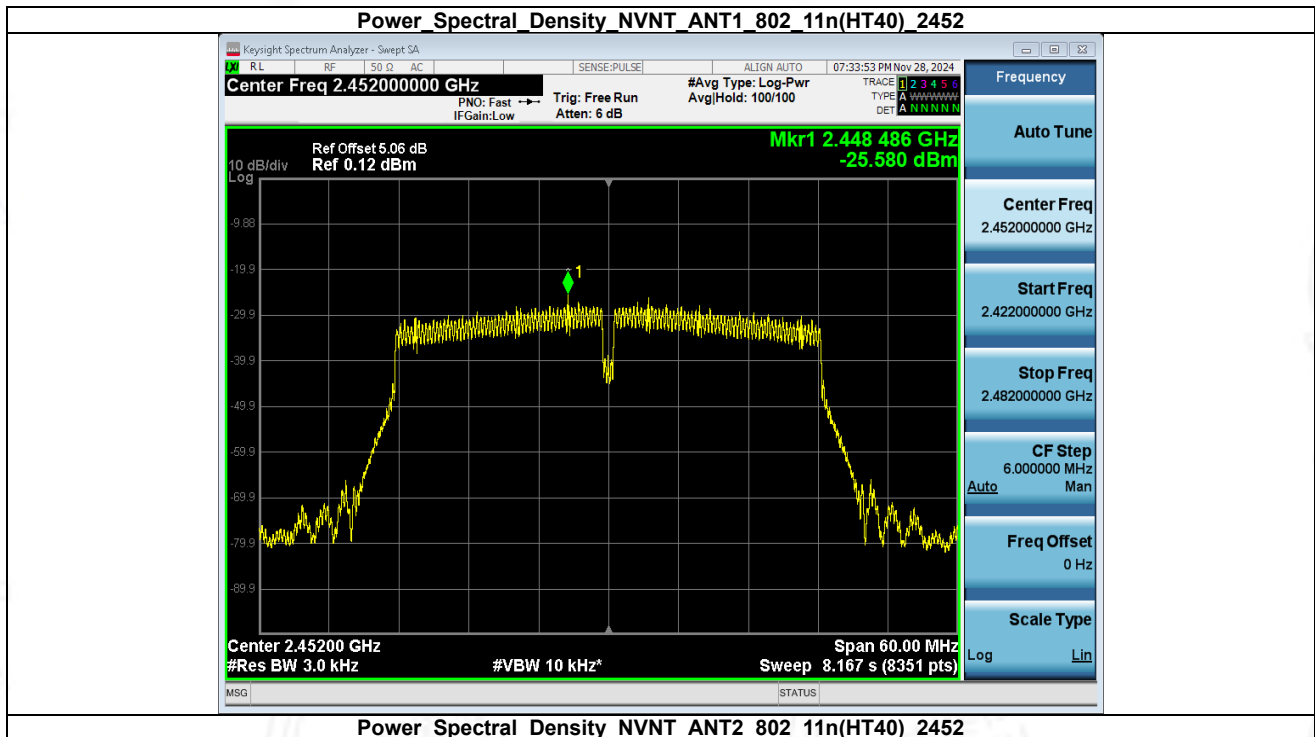
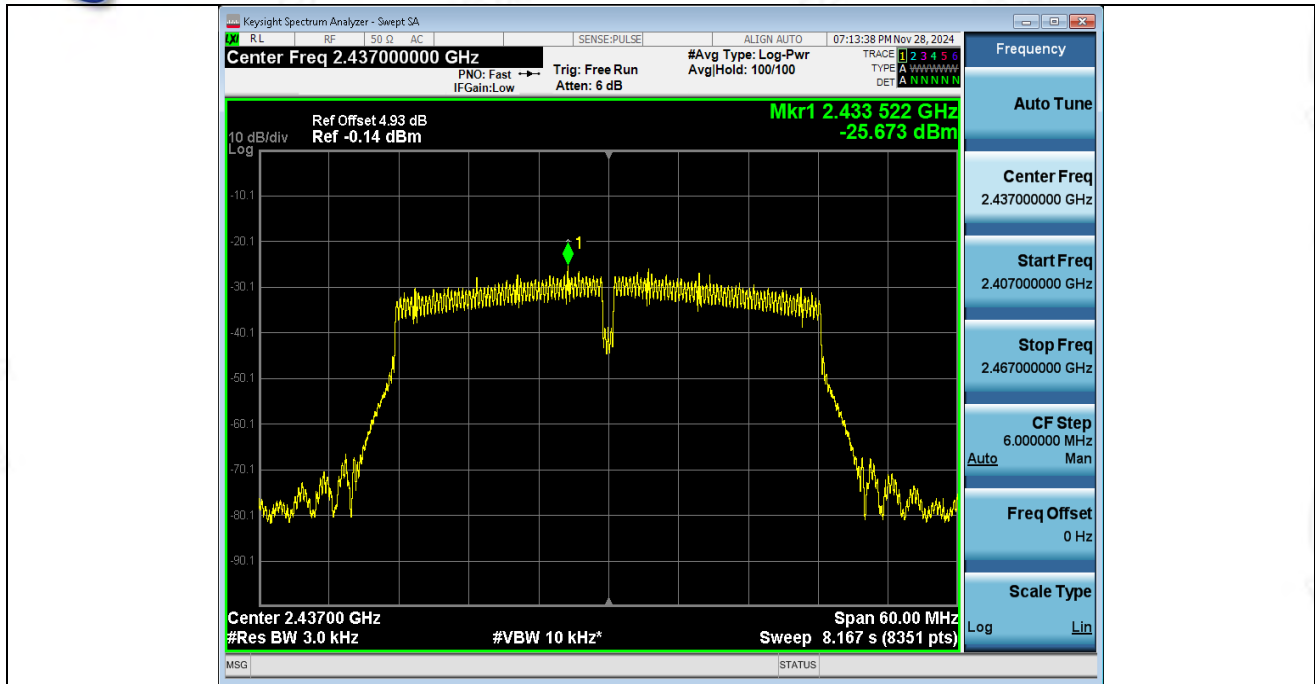


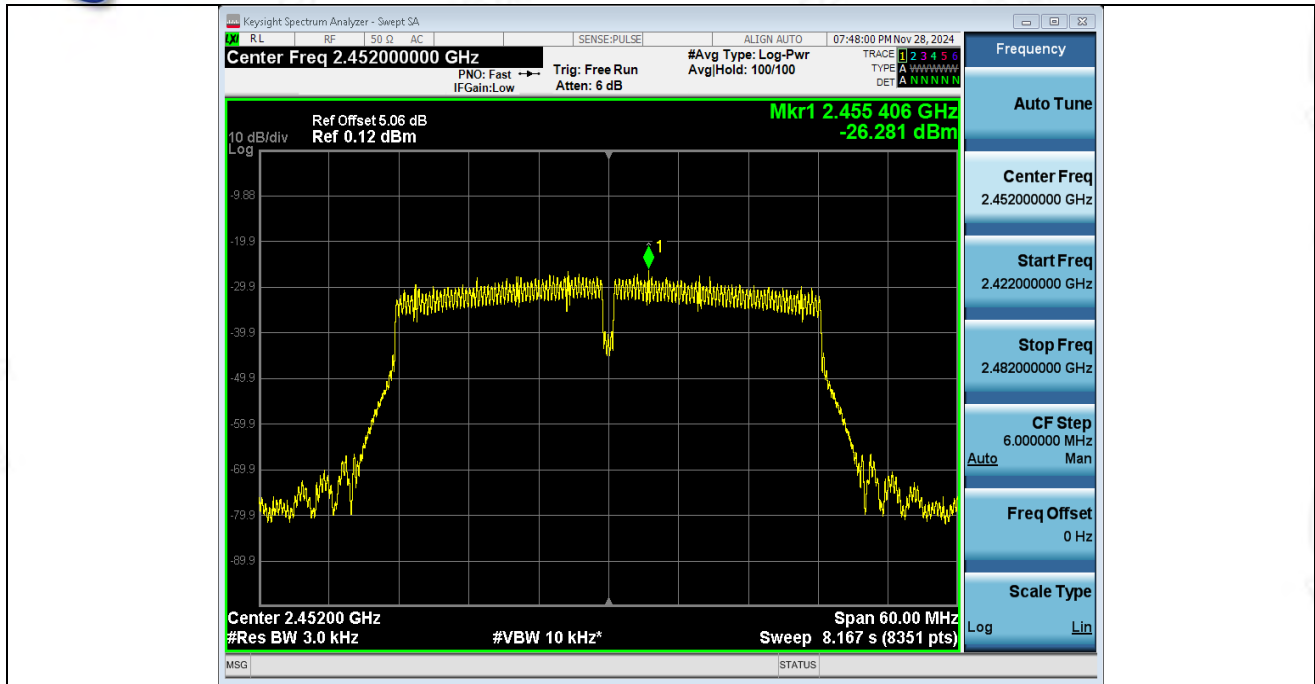




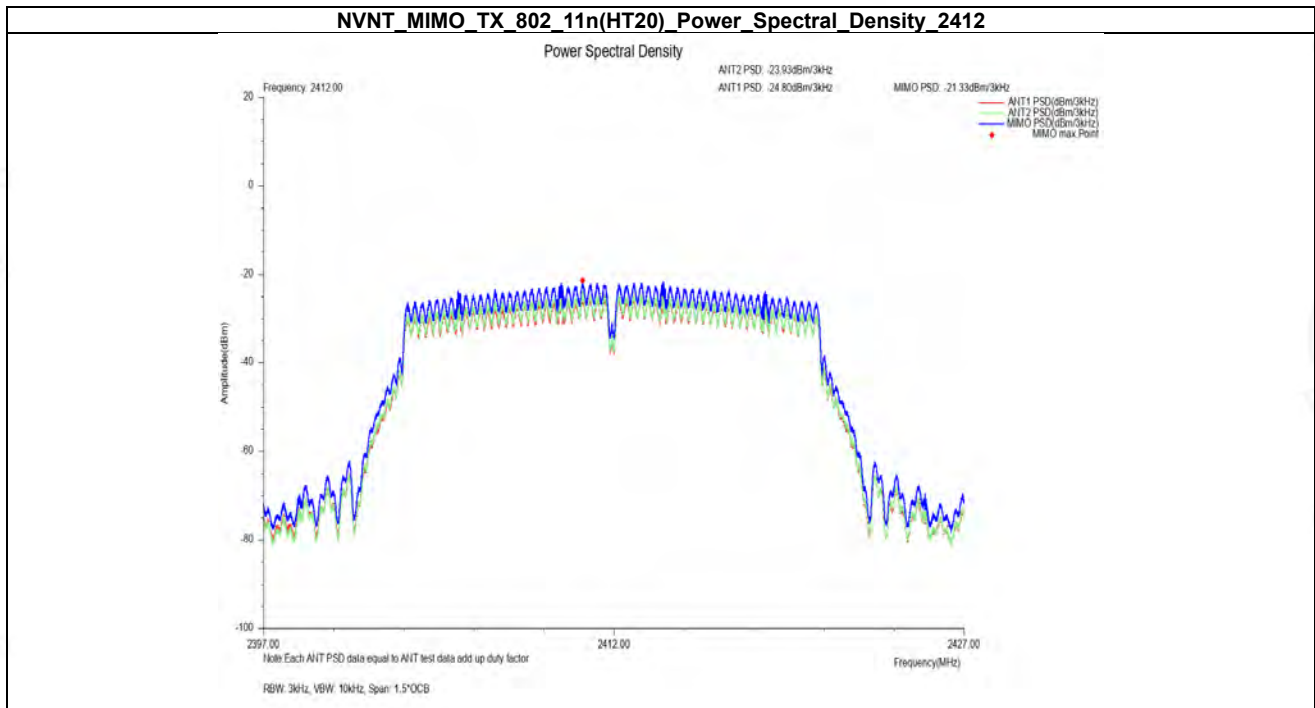






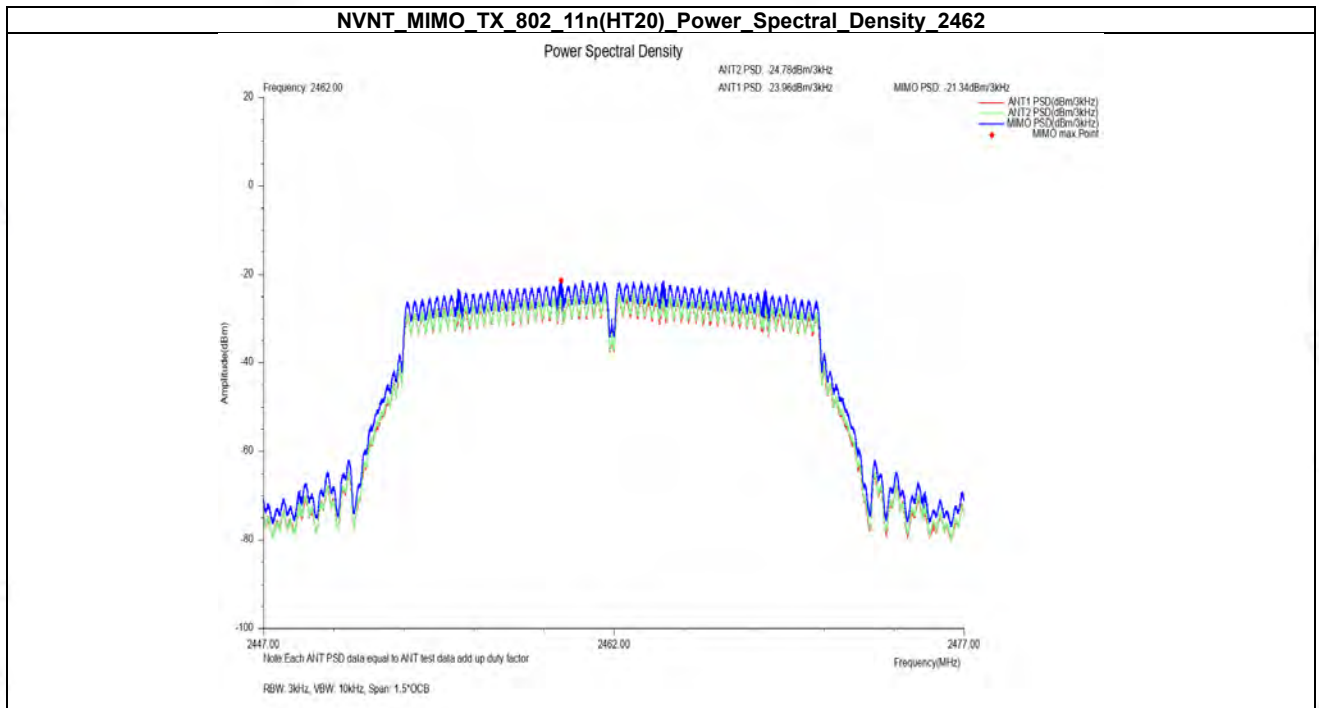
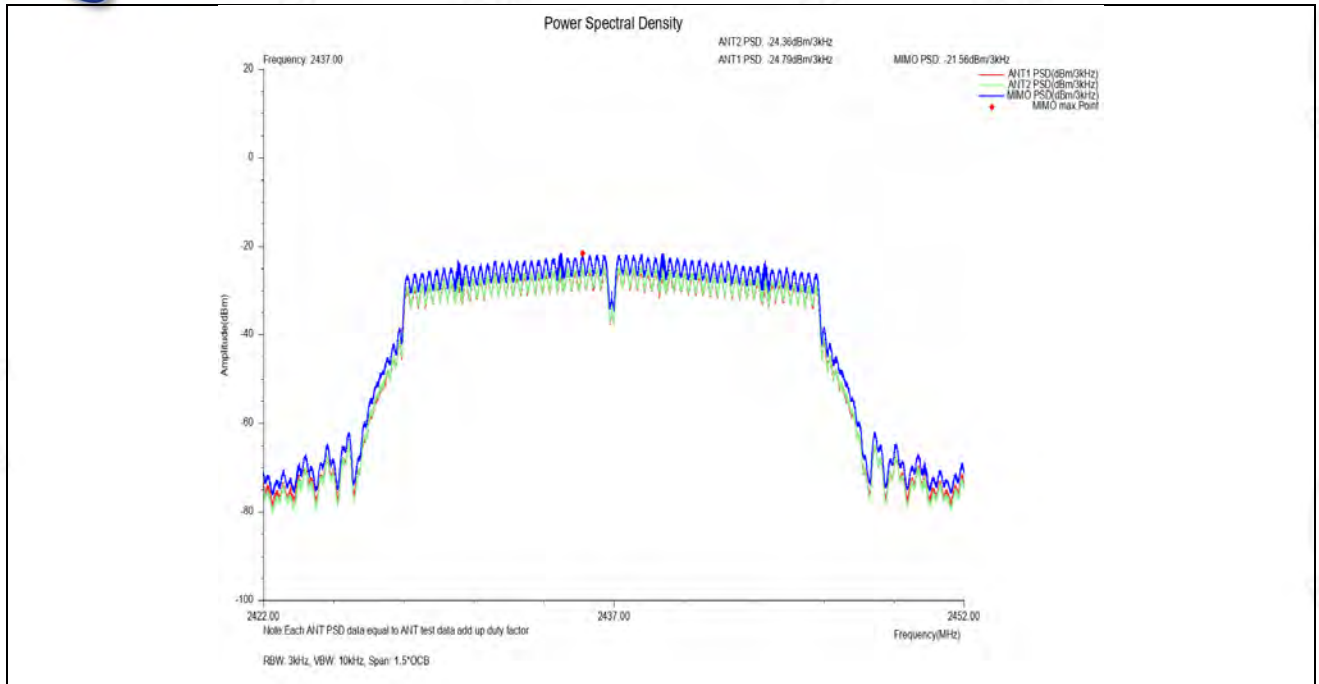


| Condition | Antenna | Modulation    | Frequency (MHz) | SA_MIMO_PSD(dBm/3kHz) | RB factor(dB) | MIMO_PSD(dBm/3kHz) | limit(dBm/3kHz) | Result |
|-----------|---------|---------------|-----------------|-----------------------|---------------|--------------------|-----------------|--------|
| NVNT      | MIMO_TX | 802.11n(HT20) | 2412.00         | -21.33                | 0             | -21.33             | 8               | Pass   |
| NVNT      | MIMO_TX | 802.11n(HT20) | 2437.00         | -21.56                | 0             | -21.56             | 8               | Pass   |
| NVNT      | MIMO_TX | 802.11n(HT20) | 2462.00         | -21.34                | 0             | -21.34             | 8               | Pass   |
| NVNT      | MIMO_TX | 802.11n(HT40) | 2422.00         | -23.82                | 0             | -23.82             | 8               | Pass   |
| NVNT      | MIMO_TX | 802.11n(HT40) | 2437.00         | -22.95                | 0             | -22.95             | 8               | Pass   |
| NVNT      | MIMO_TX | 802.11n(HT40) | 2452.00         | -22.85                | 0             | -22.85             | 8               | Pass   |



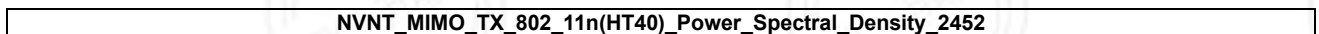
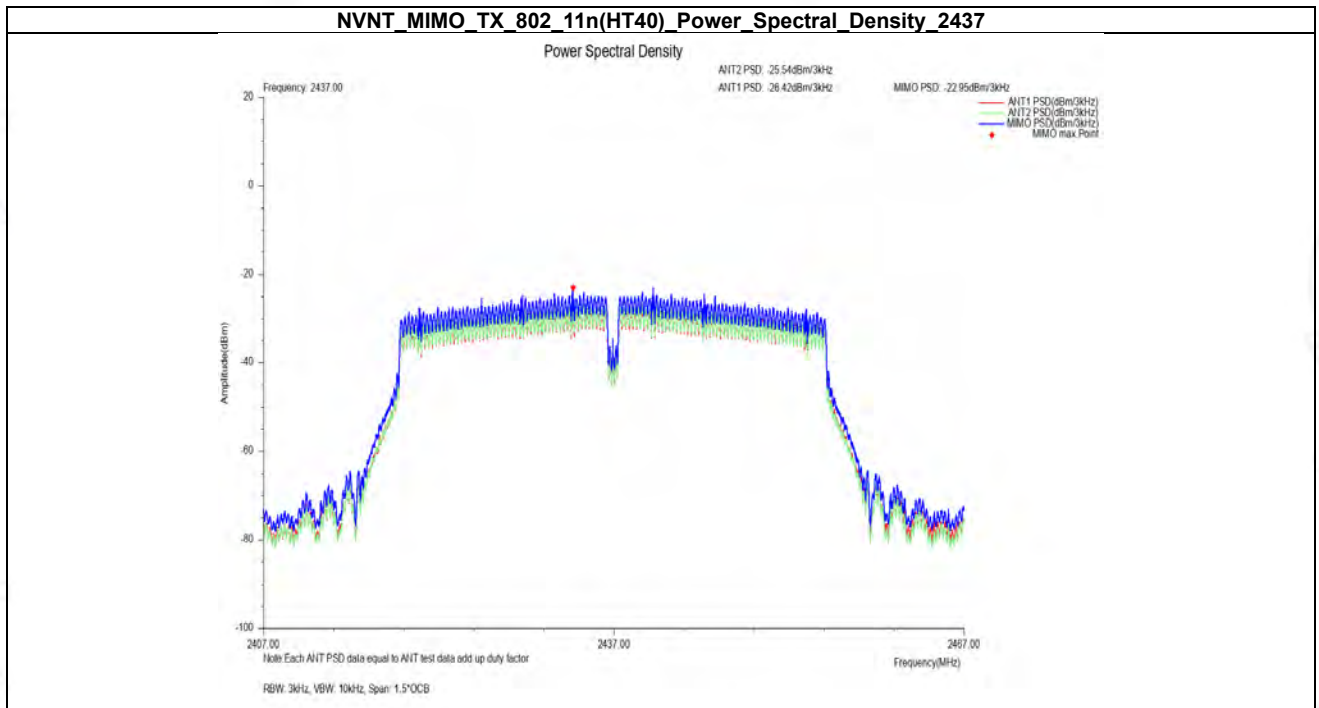
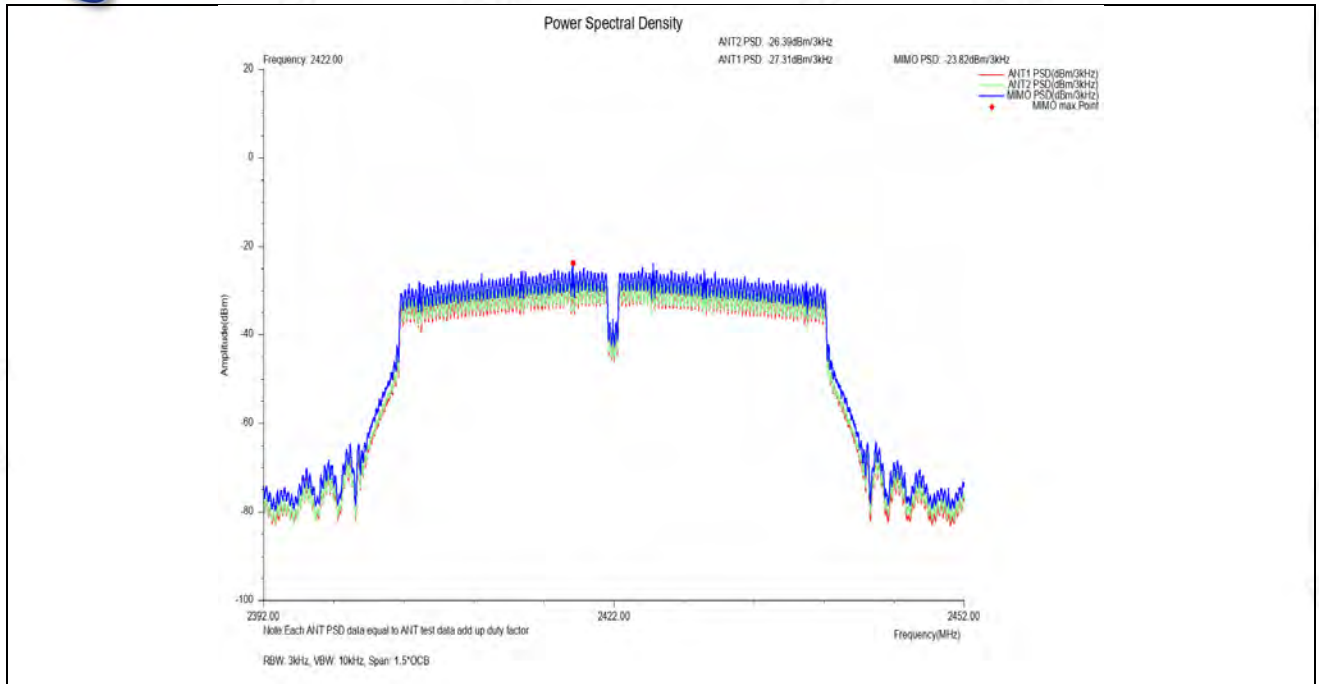
NVNT\_MIMO\_TX\_802\_11n(HT20)\_Power\_Spectral\_Density\_2437

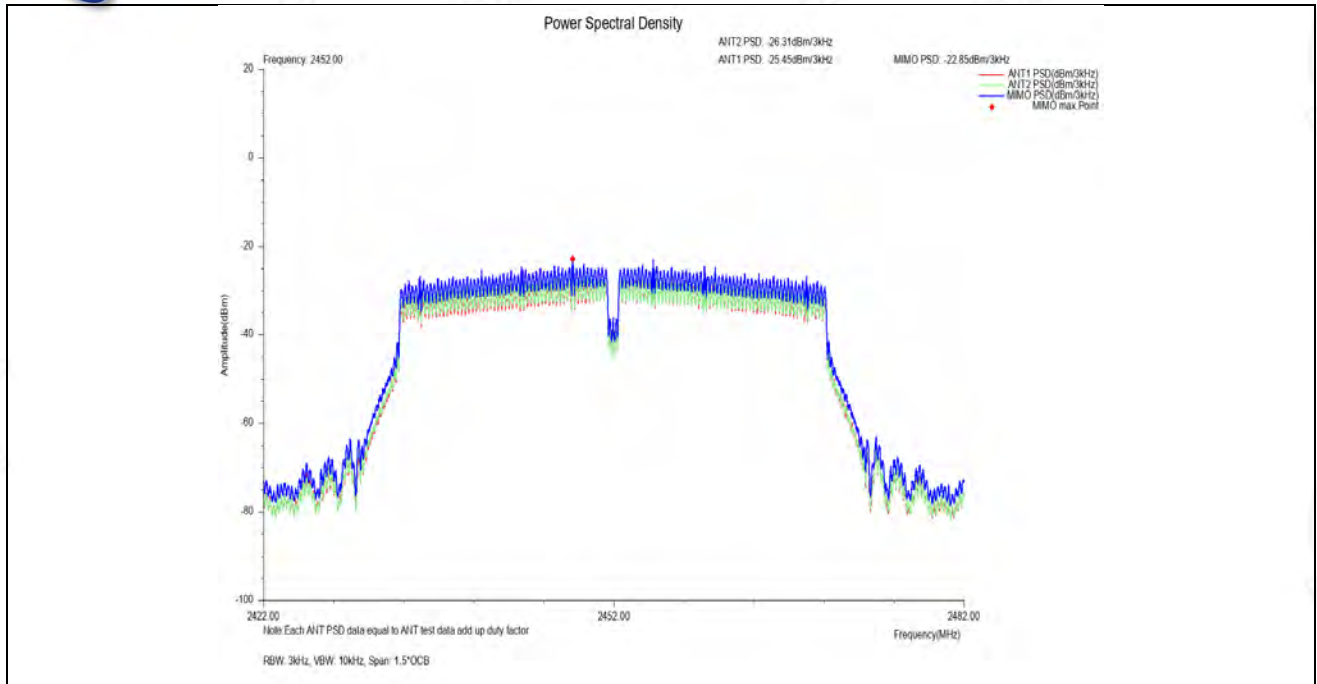




**NVNT\_MIMO\_TX\_802\_11n(HT40)\_Power\_Spectral\_Density\_2422**







## 6. Bandedge

| Condition | Antenna | Modulation    | TX_Frequency (MHz) | Max. Mark frequency(MHz) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|---------------|--------------------|--------------------------|---------------------|------------|--------|
| NVNT      | ANT1    | 802.11b       | 2412.00            | 2396.464                 | -39.821             | -23.501    | Pass   |
| NVNT      | ANT2    | 802.11b       | 2412.00            | 2396.464                 | -42.673             | -23.501    | Pass   |
| NVNT      | ANT1    | 802.11b       | 2462.00            | 2489.008                 | -51.206             | -23.104    | Pass   |
| NVNT      | ANT2    | 802.11b       | 2462.00            | 2493.664                 | -51.511             | -23.104    | Pass   |
| NVNT      | ANT1    | 802.11g       | 2412.00            | 2399.712                 | -44.814             | -30.031    | Pass   |
| NVNT      | ANT2    | 802.11g       | 2412.00            | 2399.712                 | -45.112             | -30.031    | Pass   |
| NVNT      | ANT1    | 802.11g       | 2462.00            | 2483.632                 | -54.248             | -28.999    | Pass   |
| NVNT      | ANT2    | 802.11g       | 2462.00            | 2484.400                 | -55.293             | -28.999    | Pass   |
| NVNT      | ANT1    | 802.11n(HT20) | 2412.00            | 2399.712                 | -47.853             | -31.316    | Pass   |
| NVNT      | ANT2    | 802.11n(HT20) | 2412.00            | 2399.712                 | -46.875             | -31.316    | Pass   |
| NVNT      | ANT1    | 802.11n(HT20) | 2462.00            | 2484.160                 | -53.536             | -30.563    | Pass   |
| NVNT      | ANT2    | 802.11n(HT20) | 2462.00            | 2485.072                 | -54.538             | -30.563    | Pass   |
| NVNT      | ANT1    | 802.11n(HT40) | 2422.00            | 2399.364                 | -48.610             | -36.283    | Pass   |
| NVNT      | ANT2    | 802.11n(HT40) | 2422.00            | 2399.232                 | -47.731             | -36.283    | Pass   |
| NVNT      | ANT1    | 802.11n(HT40) | 2452.00            | 2484.156                 | -53.744             | -35.724    | Pass   |
| NVNT      | ANT2    | 802.11n(HT40) | 2452.00            | 2484.428                 | -51.205             | -35.724    | Pass   |

1 Reference\_Level\_NVNT\_ANT1\_802\_11b\_2412



1 Reference\_Level\_NVNT\_ANT2\_802\_11b\_2412



Shenzhen BANTEK Testing Co.,Ltd.

Add : A5&A6, Building B1&B2, No.45 Gangtou Road, Bogang Community, Shajing Street  
Bao'an District, Shenzhen, Guangdong, China 518104

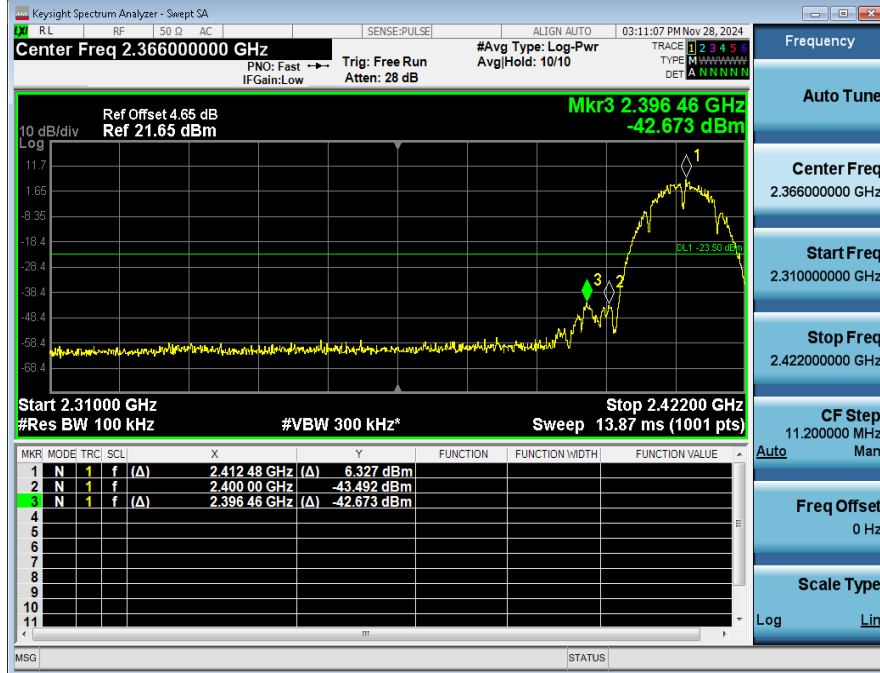
Tel : +(86)755-2334 4200 E-mail : Service@btek-lab.com Web : www.btek-lab.com



## 2\_Bandedge\_NVNT\_ANT1\_802\_11b\_2412



## 2\_Bandedge\_NVNT\_ANT2\_802\_11b\_2412



## 1\_Reference\_Level\_NVNT\_ANT1\_802\_11b\_2462





1 Reference\_Level\_NVNT\_ANT2\_802\_11b\_2462



2 Bandedge\_NVNT\_ANT1\_802\_11b\_2462





2\_Bandedge\_NVNT\_ANT2\_802\_11b\_2462

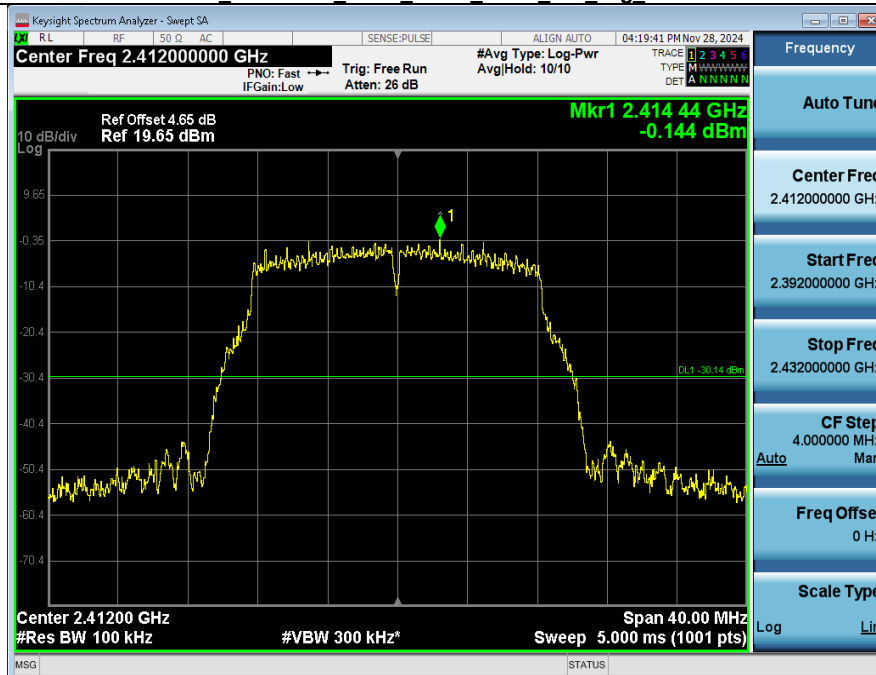


1\_Reference\_Level\_NVNT\_ANT1\_802\_11g\_2412



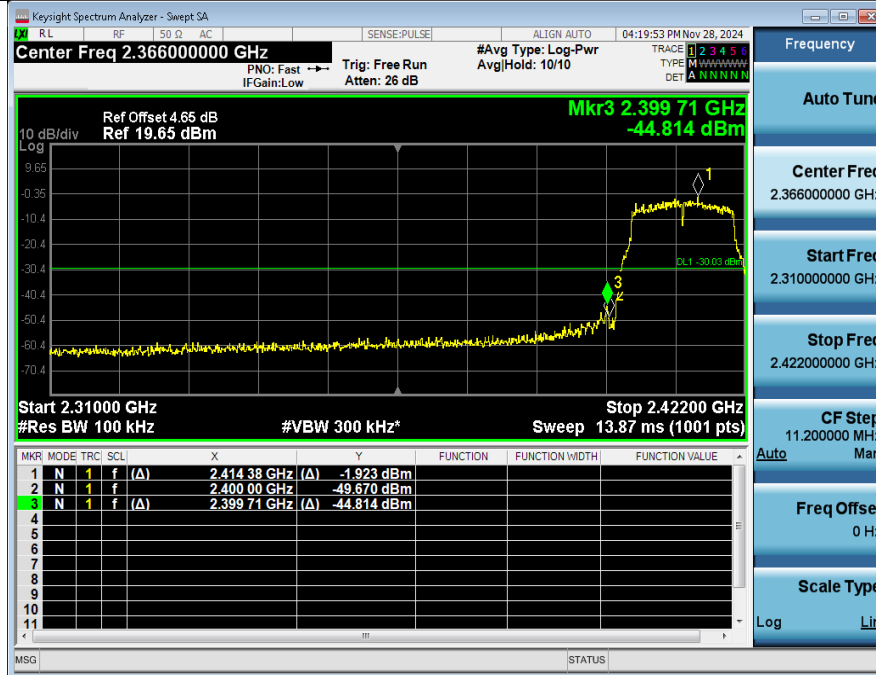


1 Reference\_Level\_NVNT\_ANT2\_802\_11g\_2412

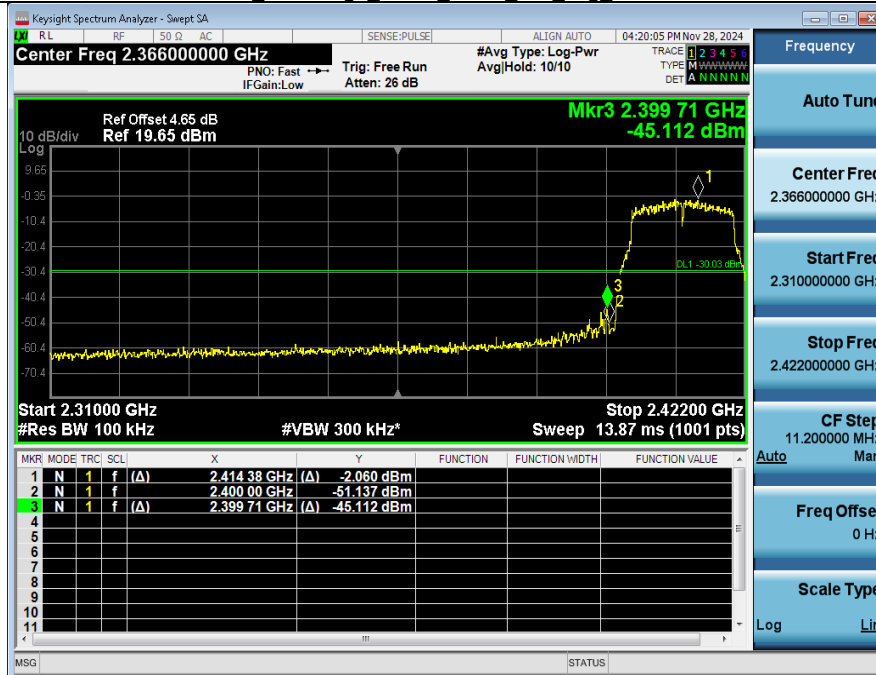


2 Bandedge\_NVNT\_ANT1\_802\_11g\_2412





2\_Bandedge\_NVNT\_ANT2\_802\_11g\_2412

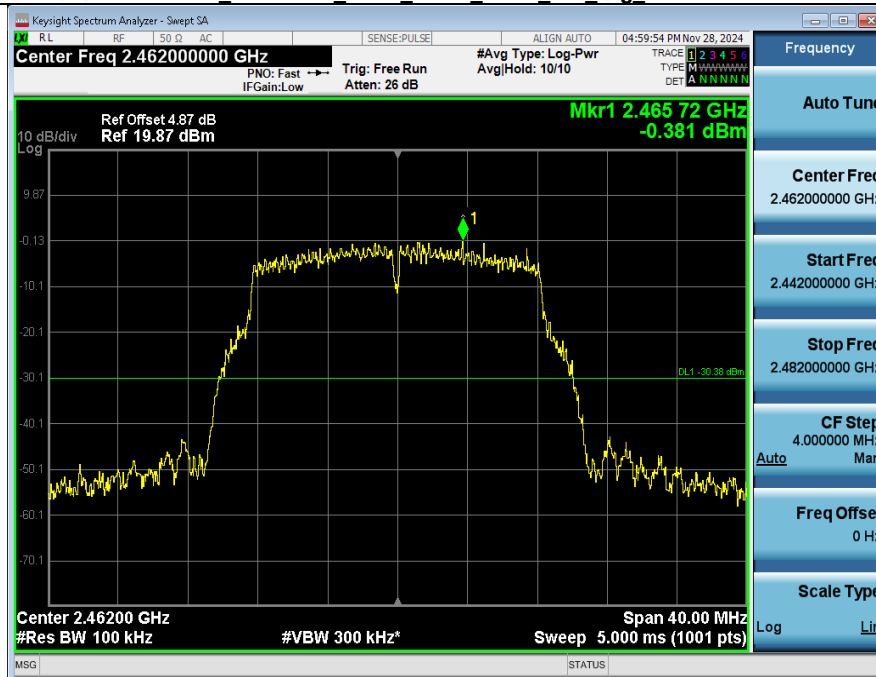


1\_Reference\_Level\_NVNT\_ANT1\_802\_11g\_2462





1 Reference\_Level\_NVNT\_ANT2\_802\_11g\_2462

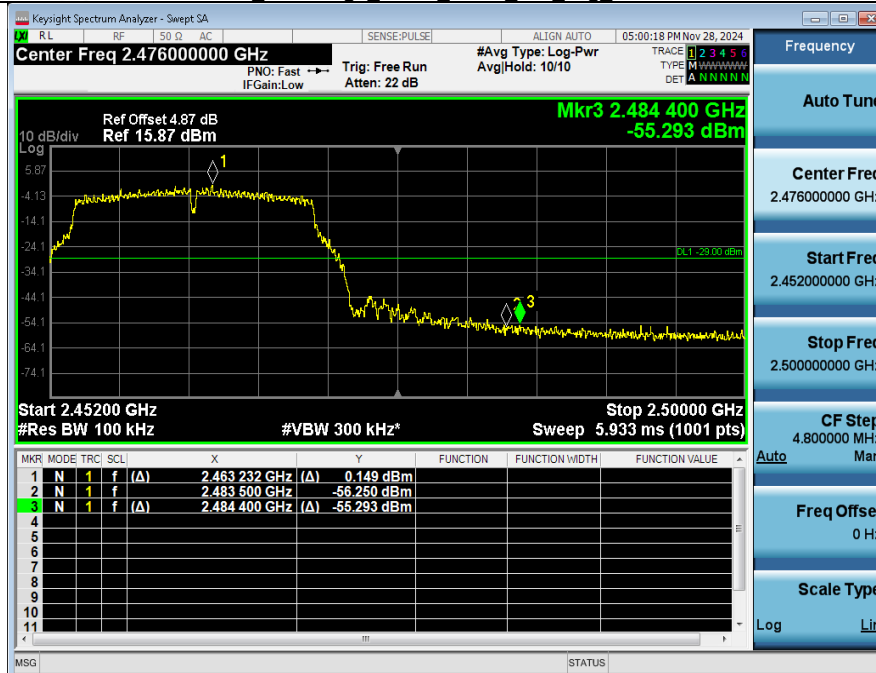


2 Bandedge\_NVNT\_ANT1\_802\_11g\_2462



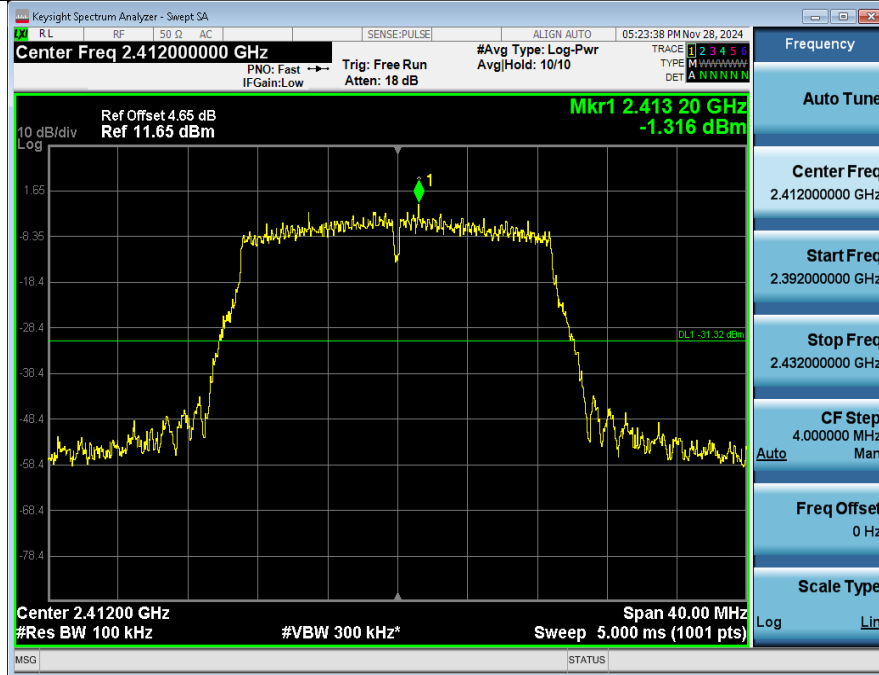


## 2\_Bandedge\_NVNT\_ANT2\_802\_11g\_2462

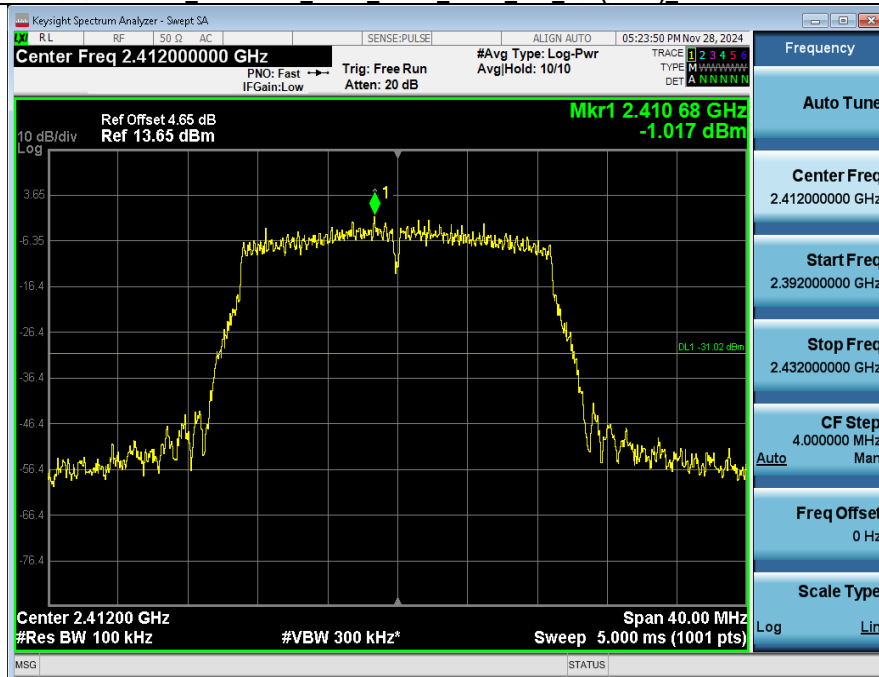


## 1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT20)\_2412



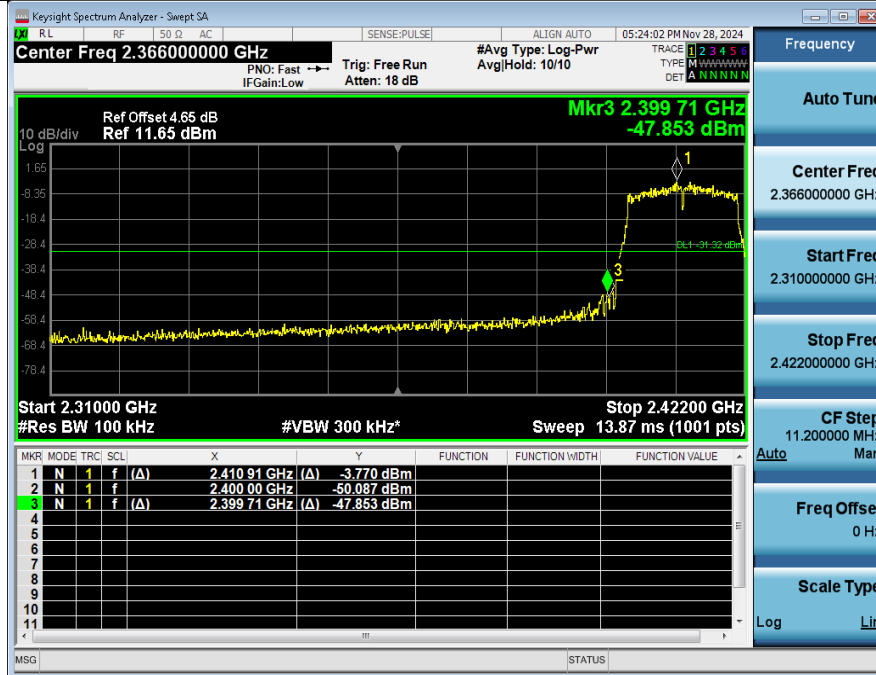


1 Reference Level NVNT\_ANT2\_802\_11n(HT20)\_2412

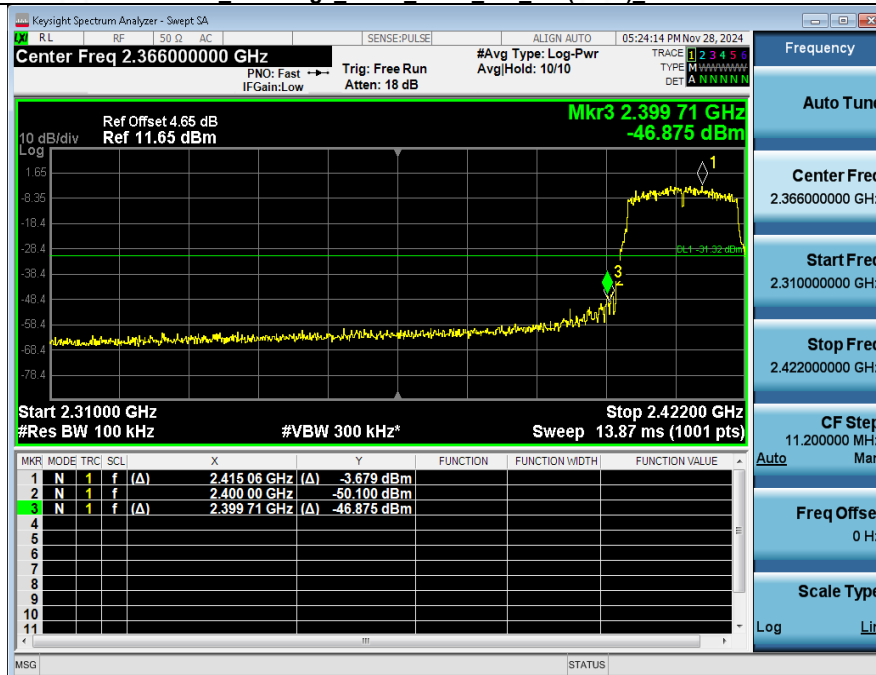


2 Bandedge NVNT\_ANT1\_802\_11n(HT20)\_2412



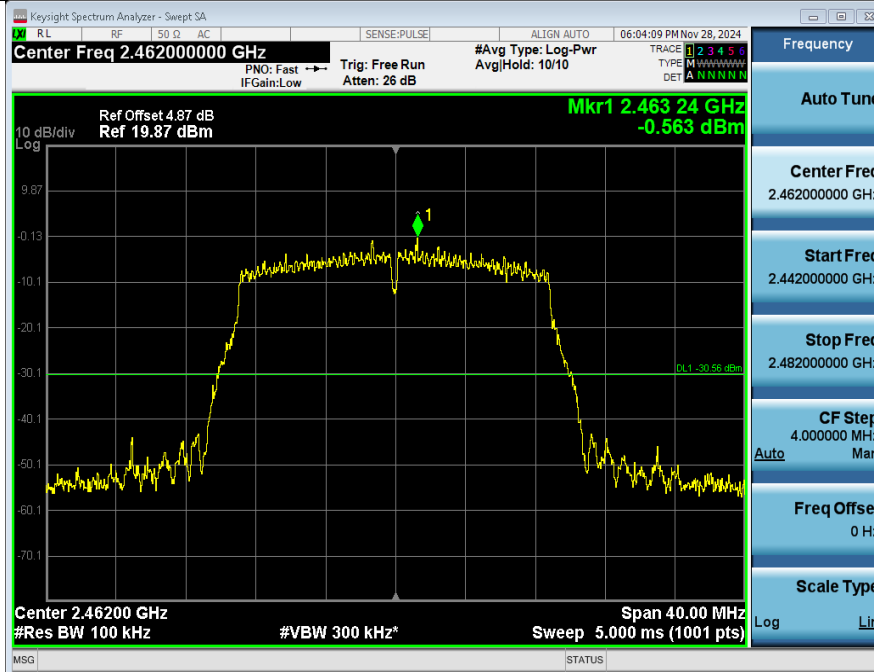


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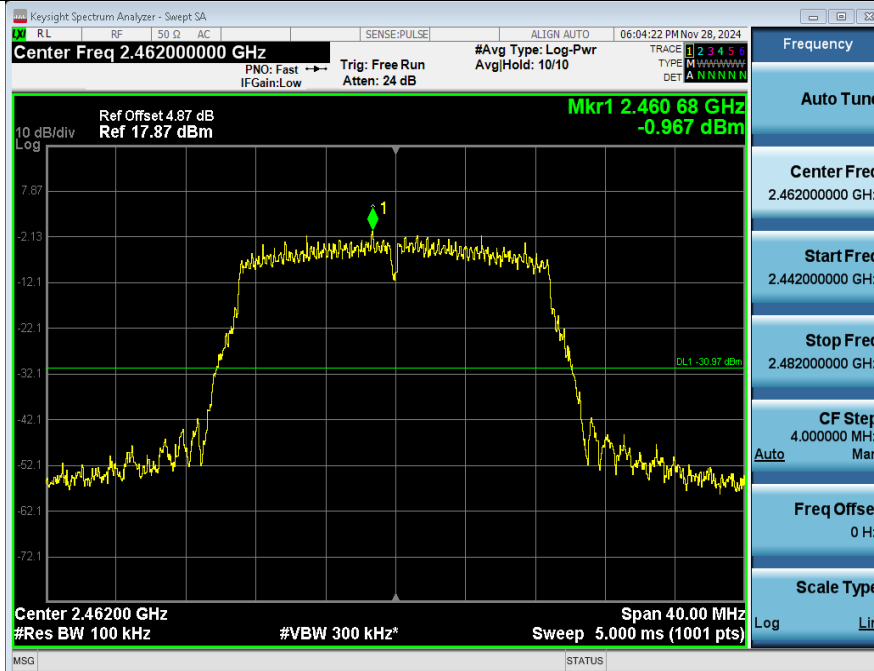


## 1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT20)\_2462





1 Reference Level NVNT\_ANT2\_802\_11n(HT20)\_2462

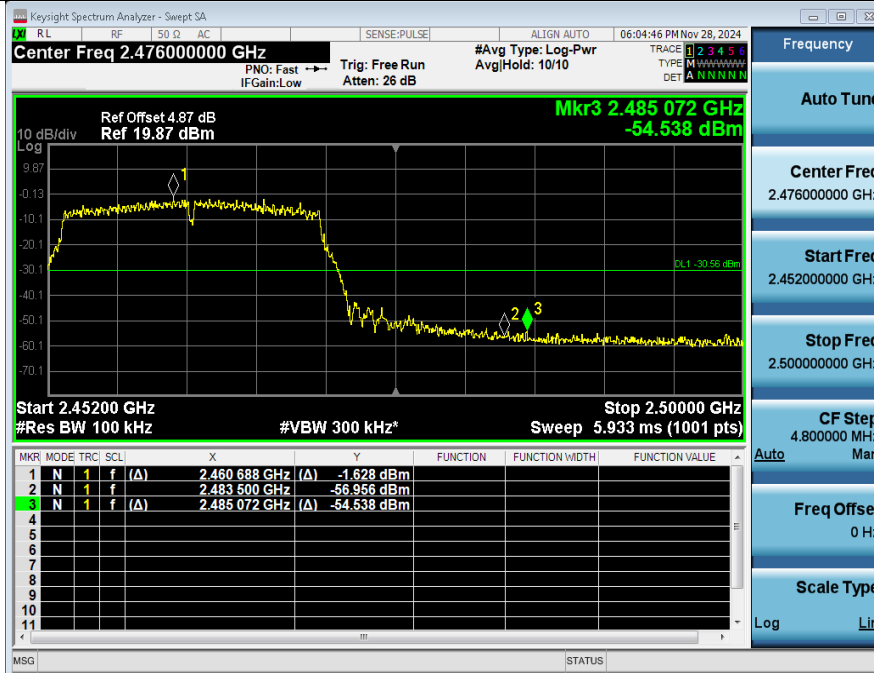


2 Bandedge NVNT\_ANT1\_802\_11n(HT20)\_2462





## 2\_Bandedge\_NVNT\_ANT2\_802\_11n(HT20)\_2462

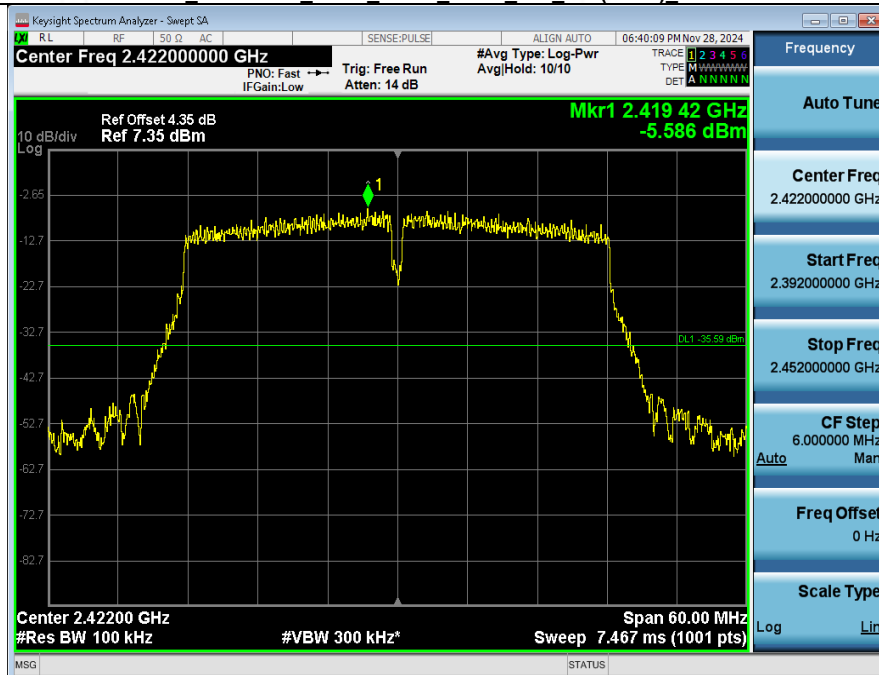


## 1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT40)\_2422



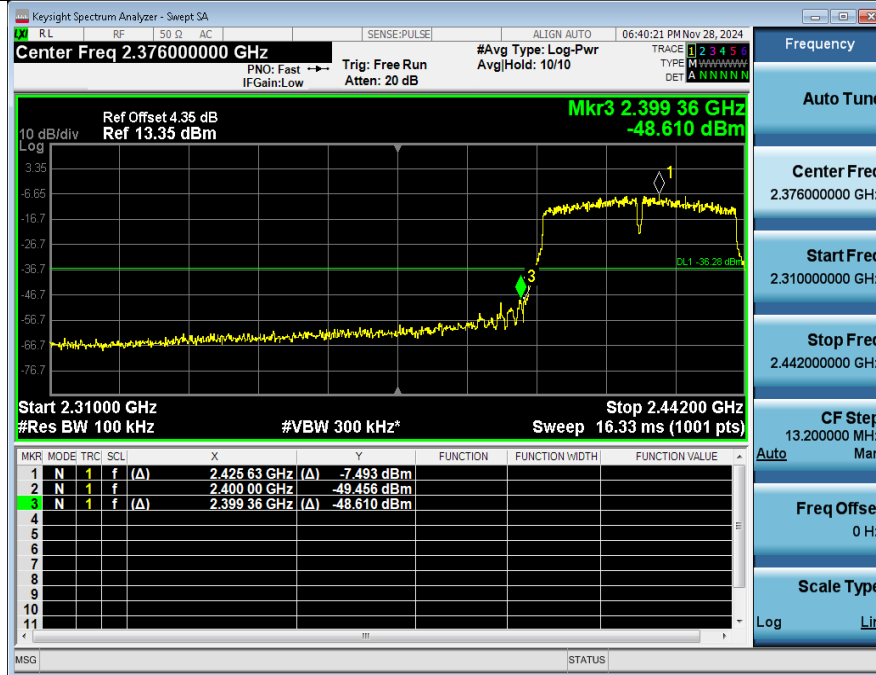


1 Reference Level NVNT\_ANT2\_802\_11n(HT40)\_2422

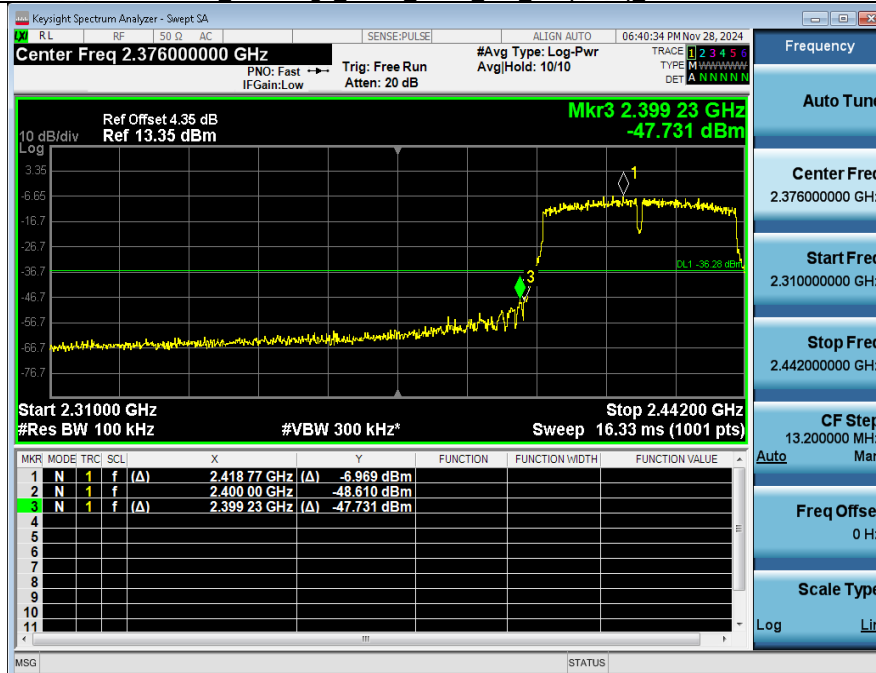


2 Bandedge NVNT\_ANT1\_802\_11n(HT40)\_2422





## 2\_Bandedge\_NVNT\_ANT2\_802\_11n(HT40)\_2422

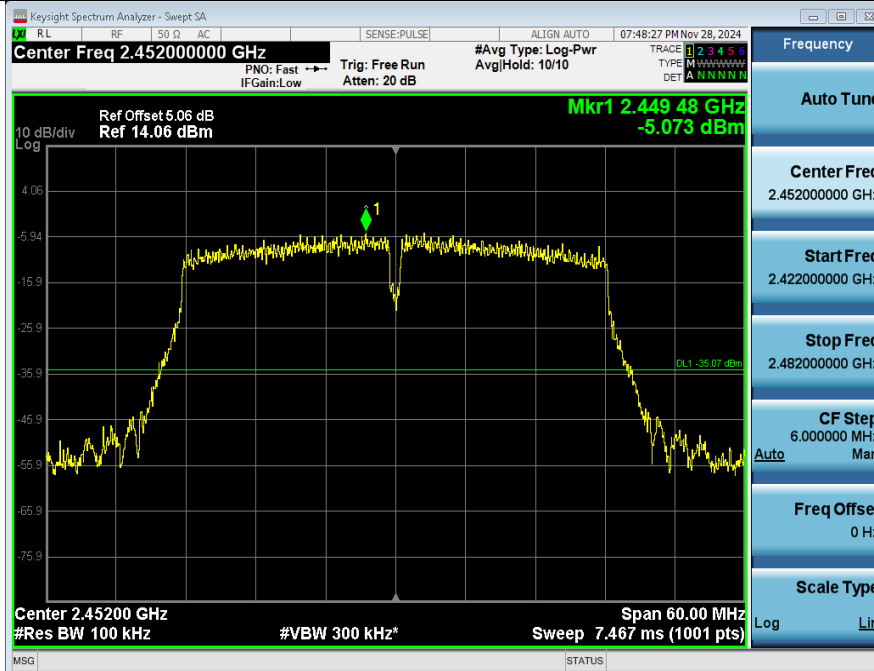


## 1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT40)\_2452





1 Reference Level NVNT\_ANT2\_802\_11n(HT40)\_2452

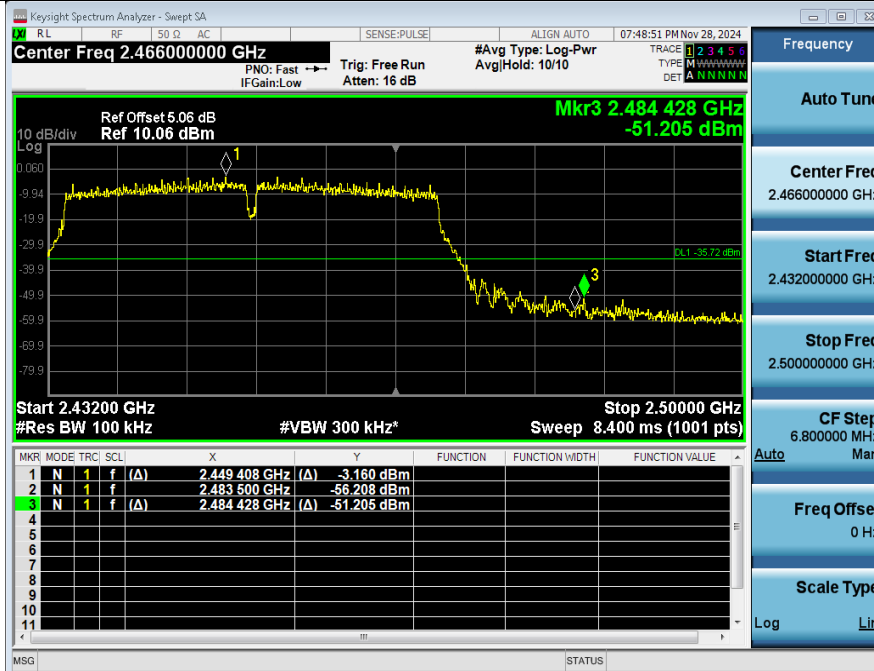


2 Bandedge NVNT\_ANT1\_802\_11n(HT40)\_2452





## 2\_Bandedge\_NVNT\_ANT2\_802\_11n(HT40)\_2452



## 7. Spurious Emission

| Condition | Antenna | Modulation    | TX_Frequency (MHz) | Max. Mark frequency(MHz) | Spurious level(dBm) | limit(dBm) | Result |
|-----------|---------|---------------|--------------------|--------------------------|---------------------|------------|--------|
| NVNT      | ANT1    | 802.11b       | 2412.00            | 24800.240                | -57.462             | -23.501    | Pass   |
| NVNT      | ANT2    | 802.11b       | 2412.00            | 24772.773                | -57.008             | -23.501    | Pass   |
| NVNT      | ANT1    | 802.11b       | 2437.00            | 24762.785                | -55.489             | -21.206    | Pass   |
| NVNT      | ANT2    | 802.11b       | 2437.00            | 24922.593                | -55.607             | -21.206    | Pass   |
| NVNT      | ANT1    | 802.11b       | 2462.00            | 24840.192                | -51.285             | -23.104    | Pass   |
| NVNT      | ANT2    | 802.11b       | 2462.00            | 24760.288                | -51.628             | -23.104    | Pass   |
| NVNT      | ANT1    | 802.11g       | 2412.00            | 24822.713                | -59.364             | -30.031    | Pass   |
| NVNT      | ANT2    | 802.11g       | 2412.00            | 24822.713                | -59.479             | -30.031    | Pass   |
| NVNT      | ANT1    | 802.11g       | 2437.00            | 24825.210                | -57.526             | -27.527    | Pass   |
| NVNT      | ANT2    | 802.11g       | 2437.00            | 24740.312                | -57.337             | -27.527    | Pass   |
| NVNT      | ANT1    | 802.11g       | 2462.00            | 24750.300                | -63.463             | -28.999    | Pass   |
| NVNT      | ANT2    | 802.11g       | 2462.00            | 24785.258                | -63.158             | -28.999    | Pass   |
| NVNT      | ANT1    | 802.11n(HT20) | 2412.00            | 24780.264                | -67.867             | -31.316    | Pass   |
| NVNT      | ANT2    | 802.11n(HT20) | 2412.00            | 24645.426                | -67.830             | -31.316    | Pass   |
| NVNT      | ANT1    | 802.11n(HT20) | 2437.00            | 24705.354                | -57.289             | -30.479    | Pass   |
| NVNT      | ANT2    | 802.11n(HT20) | 2437.00            | 24822.713                | -56.877             | -30.479    | Pass   |
| NVNT      | ANT1    | 802.11n(HT20) | 2462.00            | 24800.240                | -59.562             | -30.563    | Pass   |
| NVNT      | ANT2    | 802.11n(HT20) | 2462.00            | 24785.258                | -58.965             | -30.563    | Pass   |
| NVNT      | ANT1    | 802.11n(HT40) | 2422.00            | 24777.767                | -66.103             | -36.283    | Pass   |
| NVNT      | ANT2    | 802.11n(HT40) | 2422.00            | 24715.342                | -65.561             | -36.283    | Pass   |
| NVNT      | ANT1    | 802.11n(HT40) | 2437.00            | 24765.282                | -60.874             | -31.754    | Pass   |
| NVNT      | ANT2    | 802.11n(HT40) | 2437.00            | 24832.701                | -61.504             | -31.754    | Pass   |
| NVNT      | ANT1    | 802.11n(HT40) | 2452.00            | 2507.024                 | -67.062             | -35.724    | Pass   |
| NVNT      | ANT2    | 802.11n(HT40) | 2452.00            | 2504.527                 | -66.980             | -35.724    | Pass   |

1 Reference\_Level NVNT ANT1 802 11b 2412

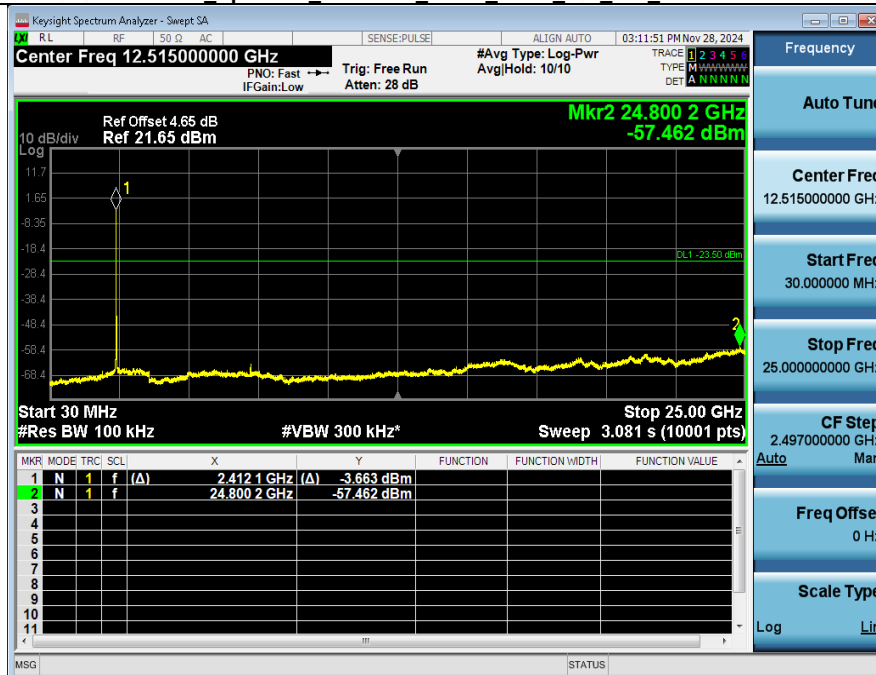


1 Reference\_Level NVNT ANT2 802 11b 2412



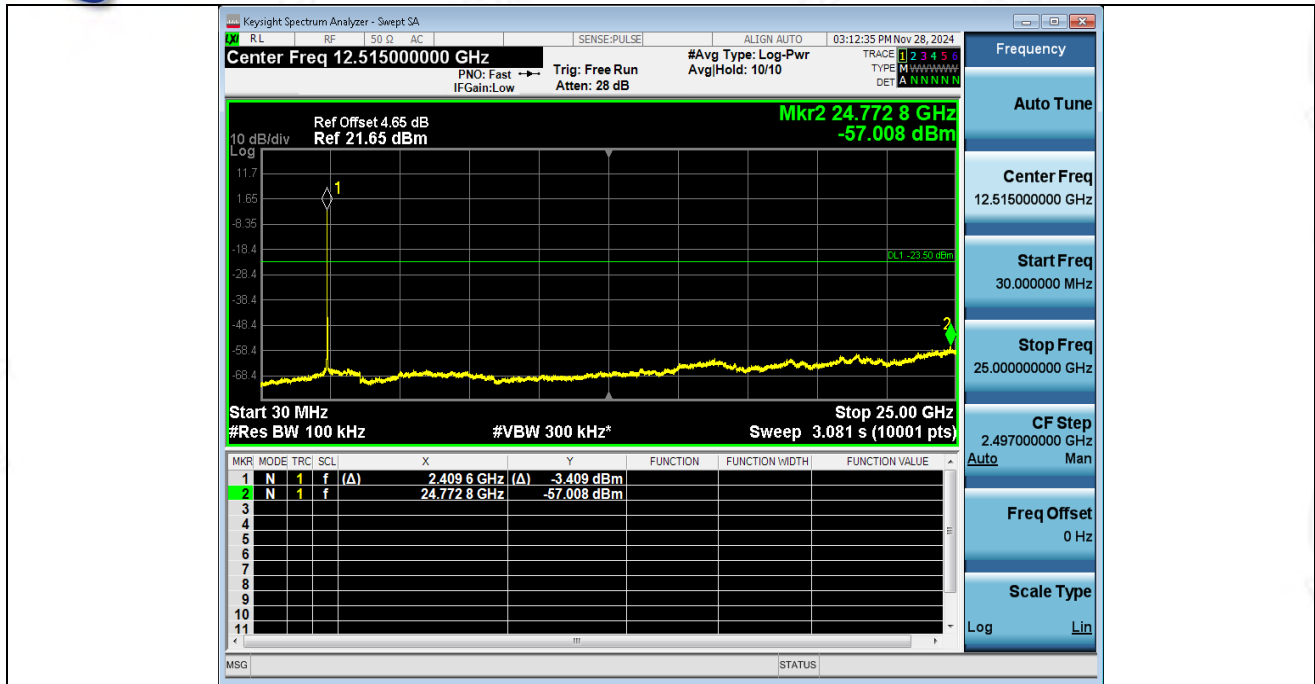


2 Spurious Emission NVNT ANT1 802 11b 2412

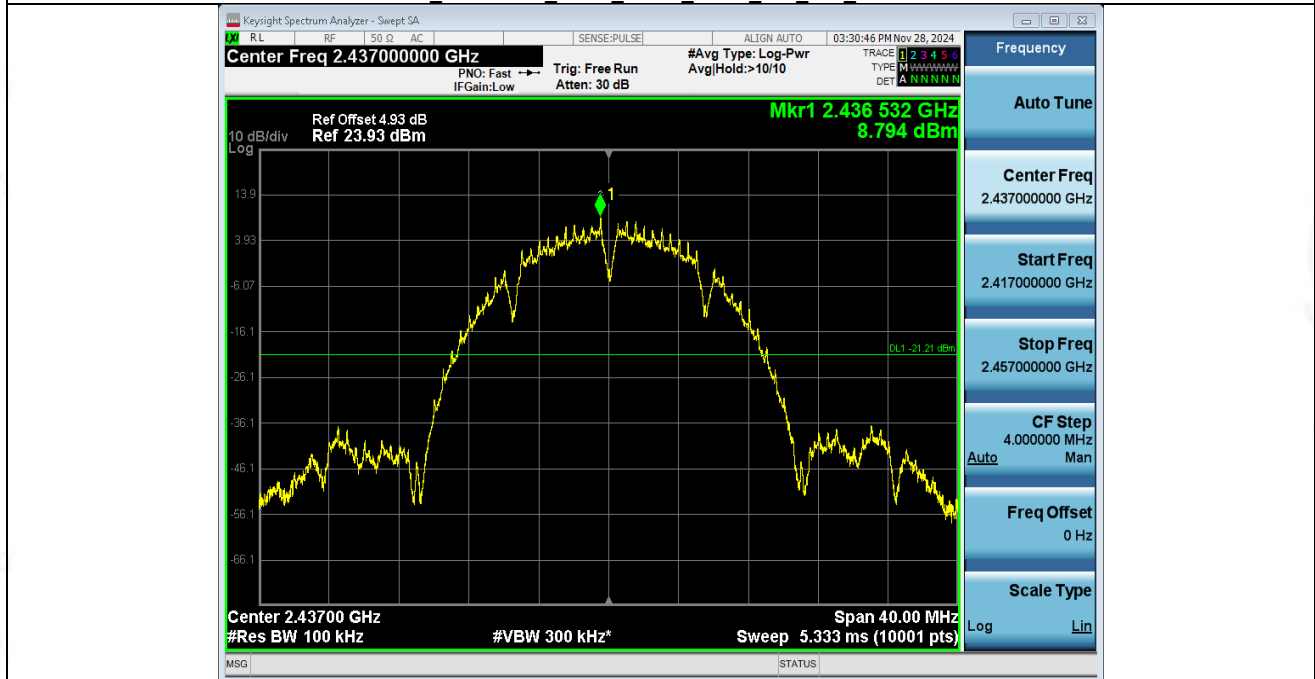


2 Spurious Emission NVNT ANT2 802 11b 2412





### 1\_Reference\_Level\_NVNT\_ANT1\_802\_11b\_2437

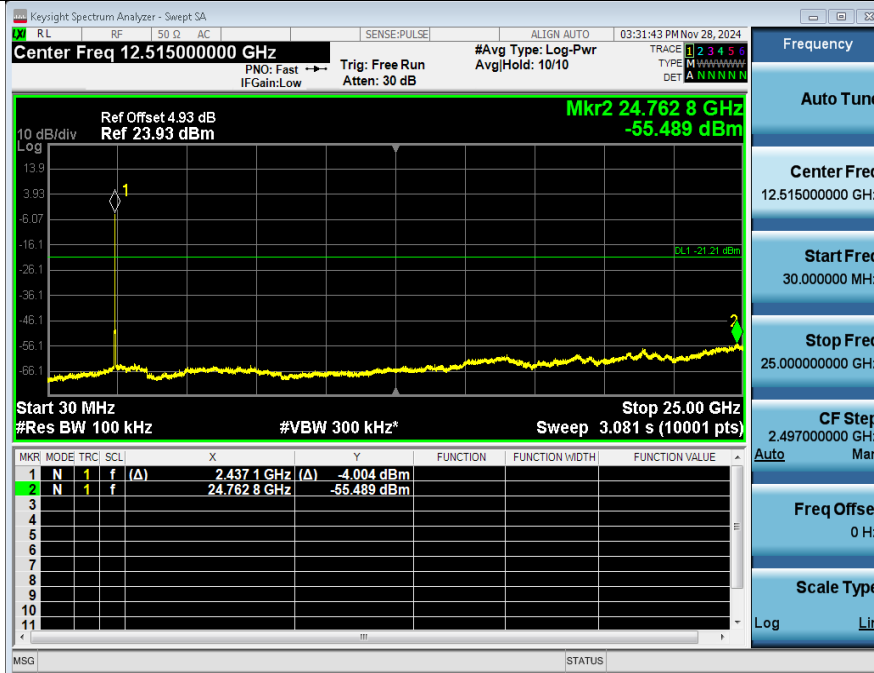


### 1\_Reference\_Level\_NVNT\_ANT2\_802\_11b\_2437



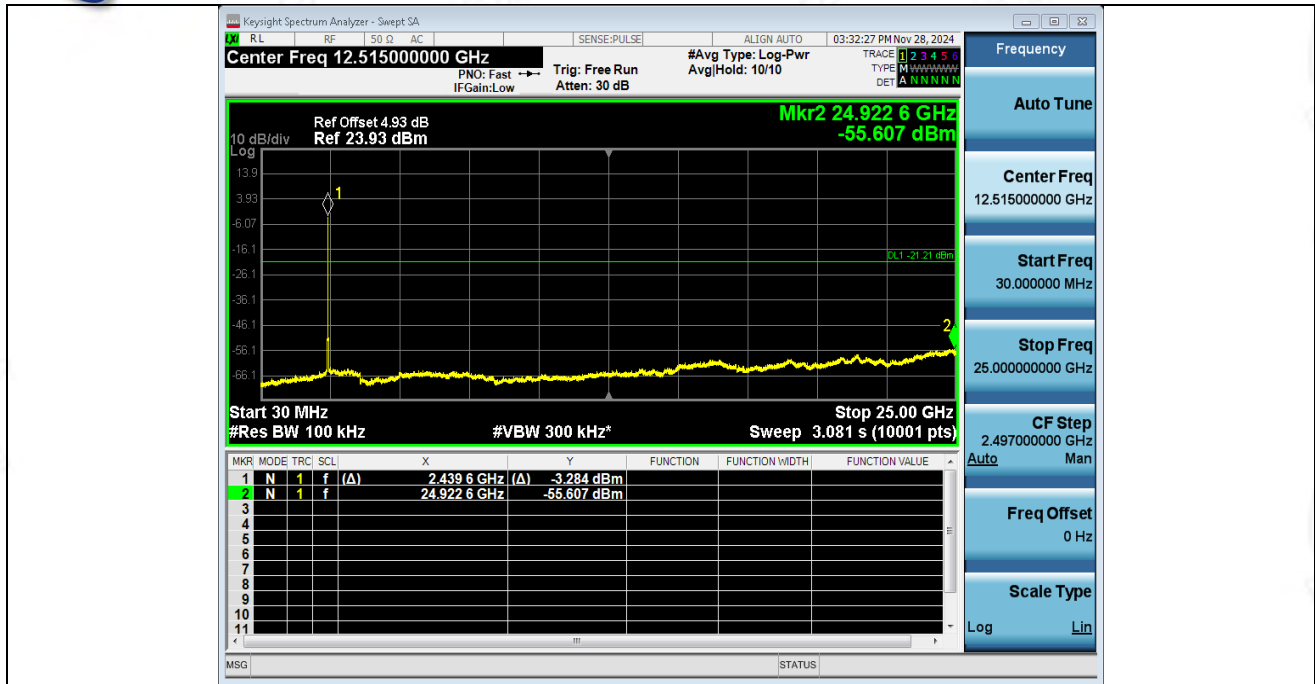


2 Spurious Emission NVNT\_ANT1\_802\_11b\_2437



2 Spurious Emission NVNT\_ANT2\_802\_11b\_2437





### 1\_Reference\_Level\_NVNT\_ANT1\_802\_11b\_2462

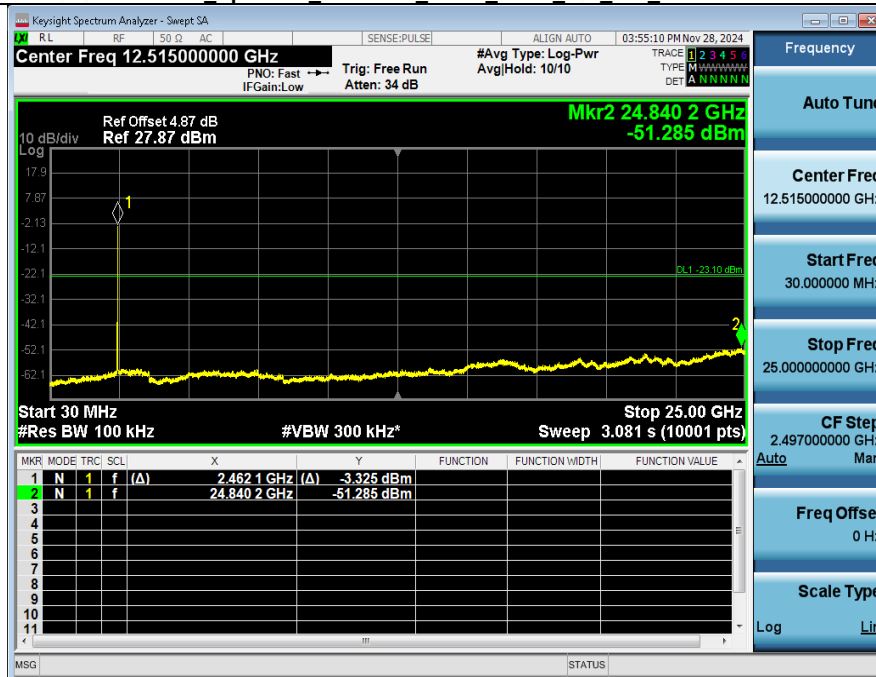


### 1\_Reference\_Level\_NVNT\_ANT2\_802\_11b\_2462



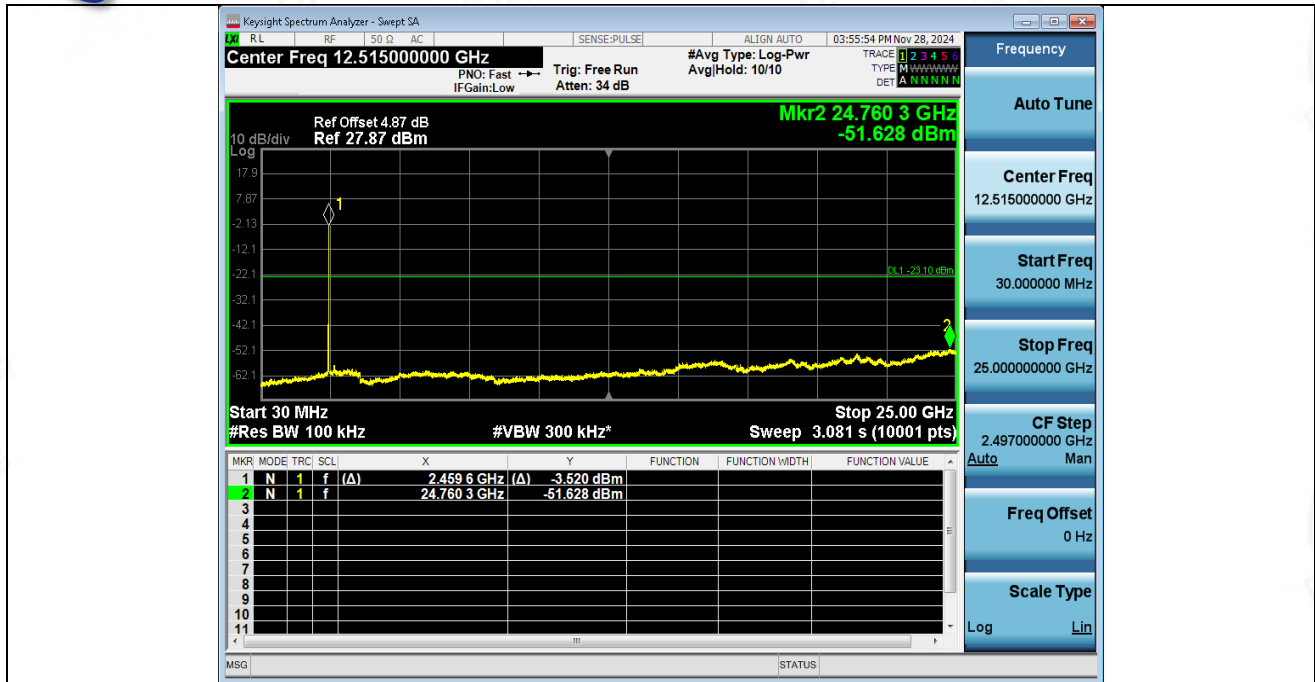


2 Spurious Emission NVNT\_ANT1\_802\_11b\_2462

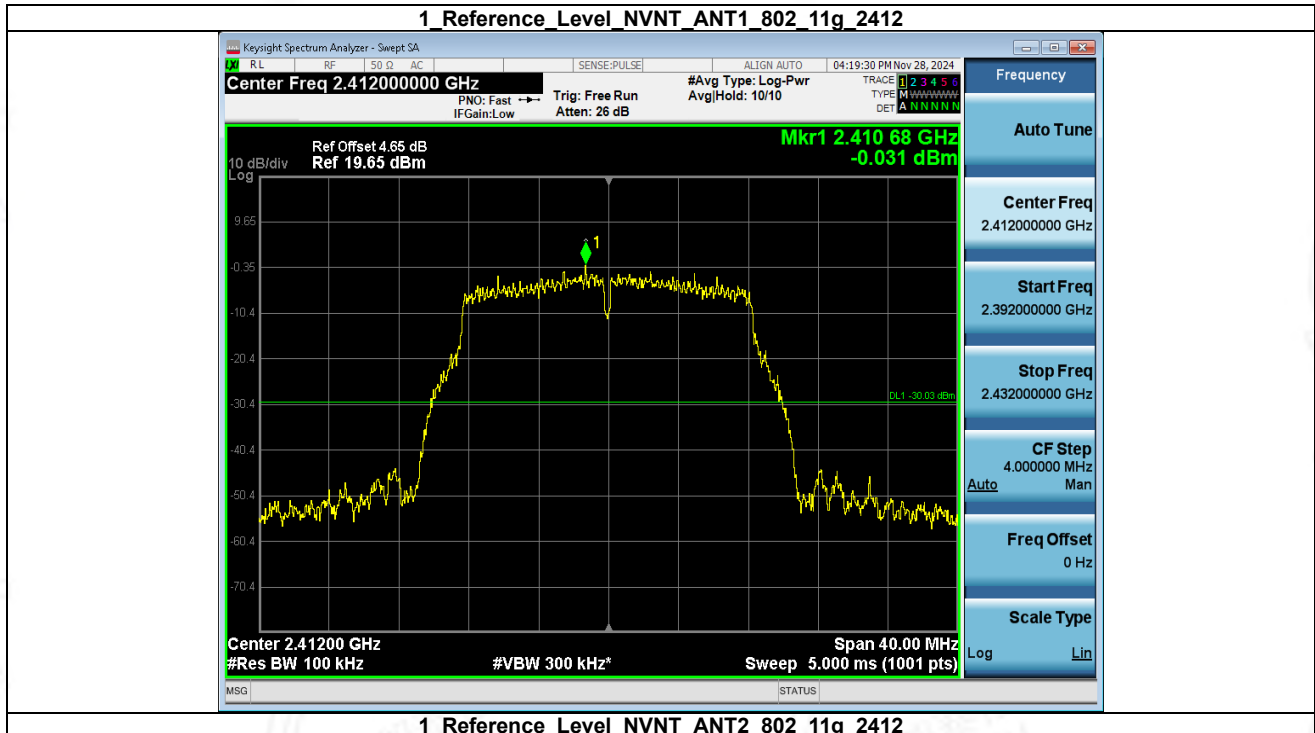


2 Spurious Emission NVNT\_ANT2\_802\_11b\_2462





### 1\_Reference\_Level\_NVNT\_ANT1\_802\_11g\_2412

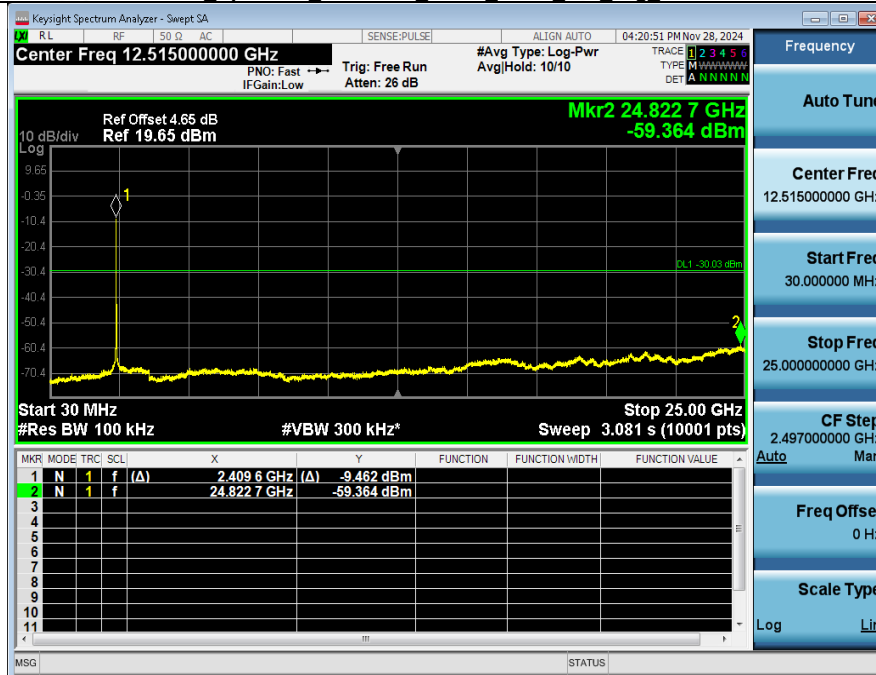


### 1\_Reference\_Level\_NVNT\_ANT2\_802\_11g\_2412



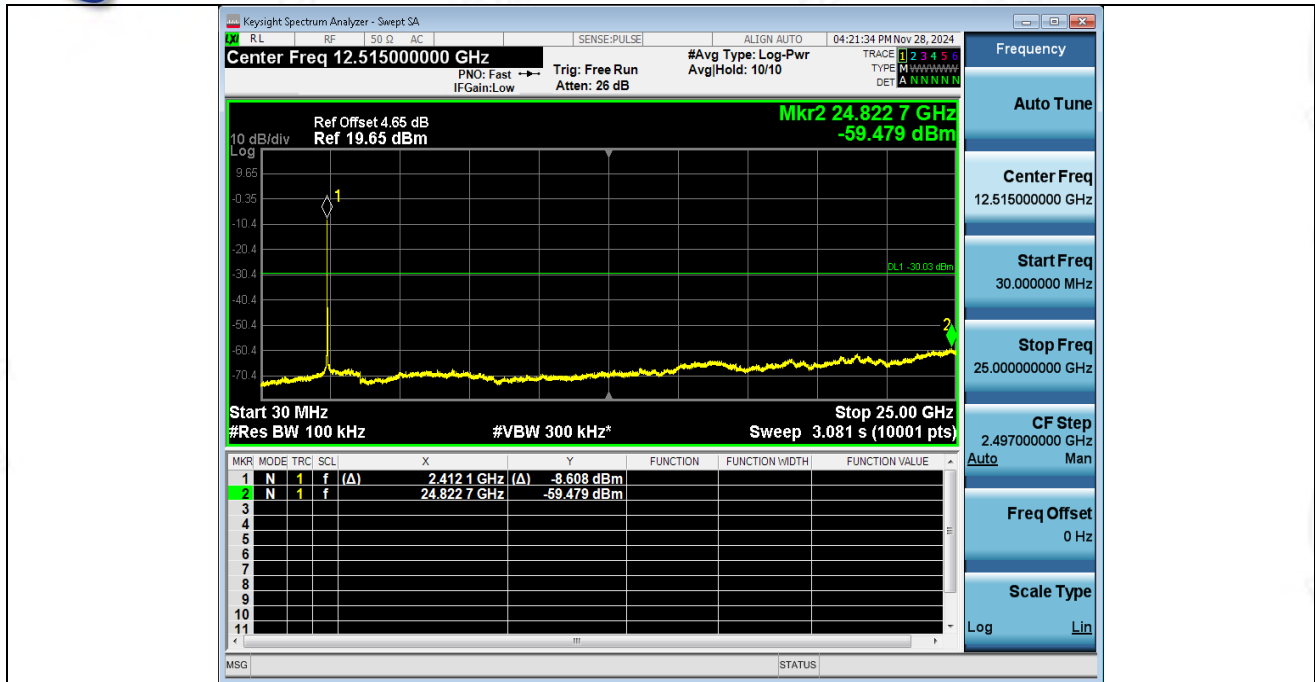


## 2 Spurious Emission NVNT\_ANT1\_802\_11g\_2412

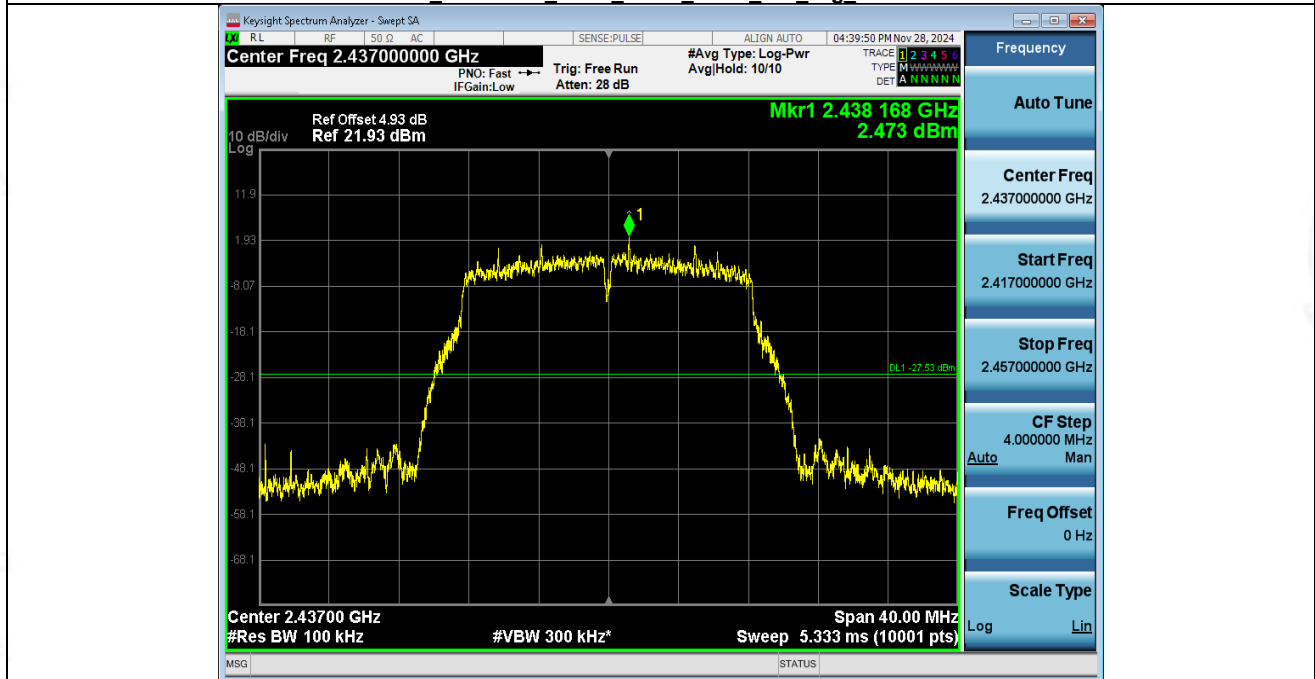


## 2 Spurious Emission NVNT\_ANT2\_802\_11g\_2412





### 1\_Reference\_Level\_NVNT\_ANT1\_802\_11g\_2437

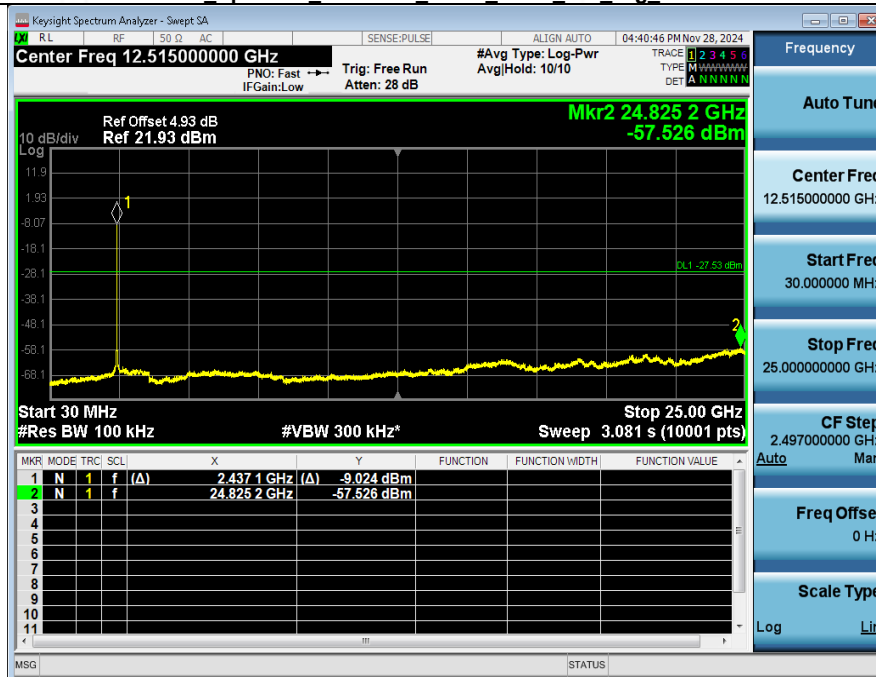


### 1\_Reference\_Level\_NVNT\_ANT2\_802\_11g\_2437



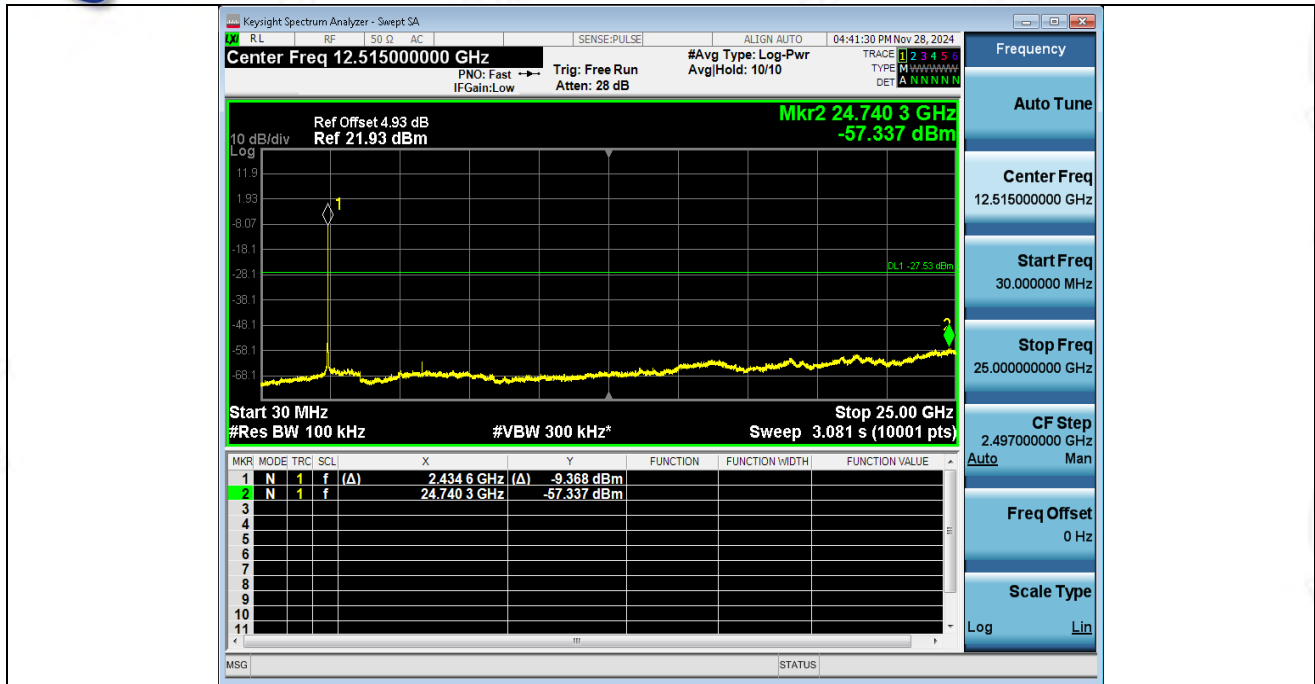


2 Spurious Emission NVNT\_ANT1\_802\_11g\_2437

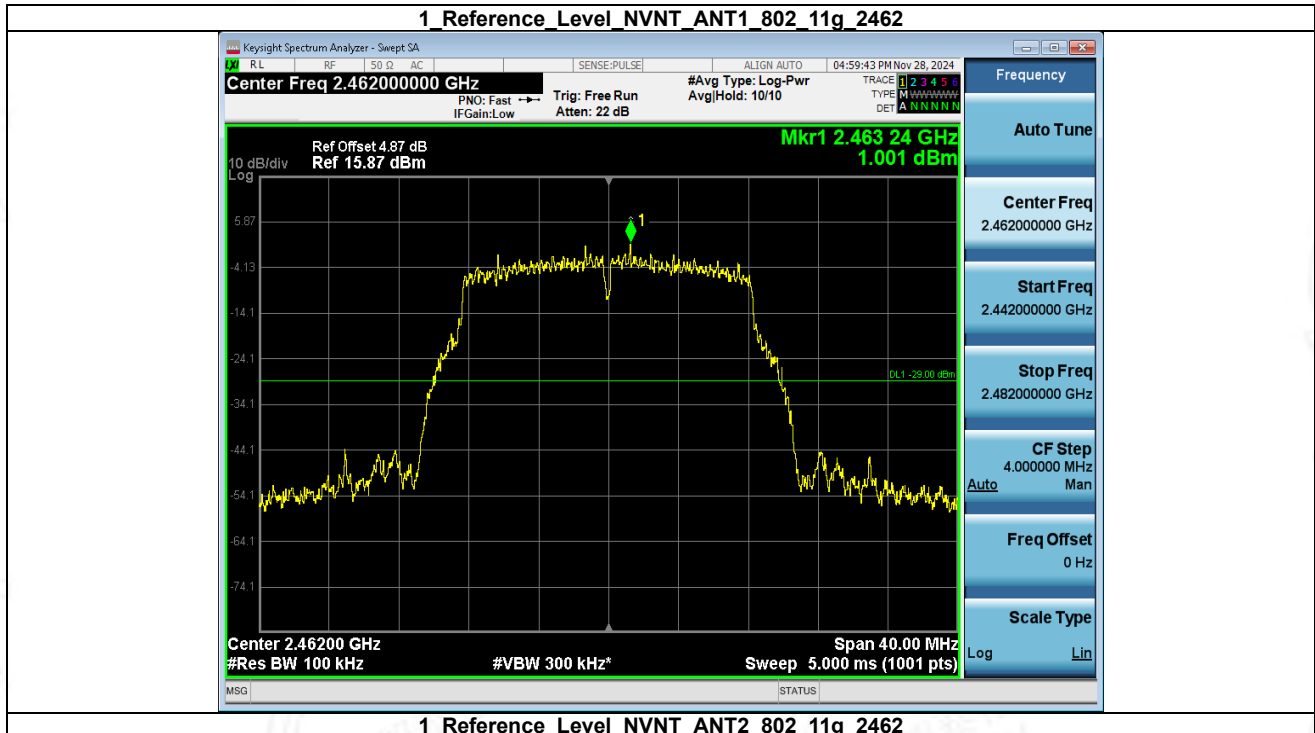


2 Spurious Emission NVNT\_ANT2\_802\_11g\_2437





1\_Reference\_Level\_NVNT\_ANT1\_802\_11g\_2462

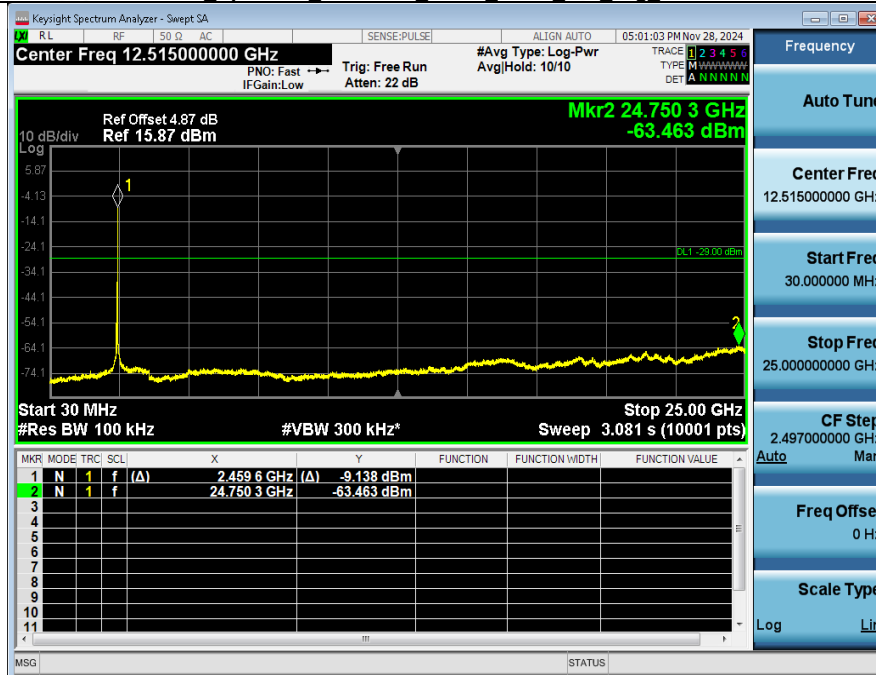


1\_Reference\_Level\_NVNT\_ANT2\_802\_11g\_2462



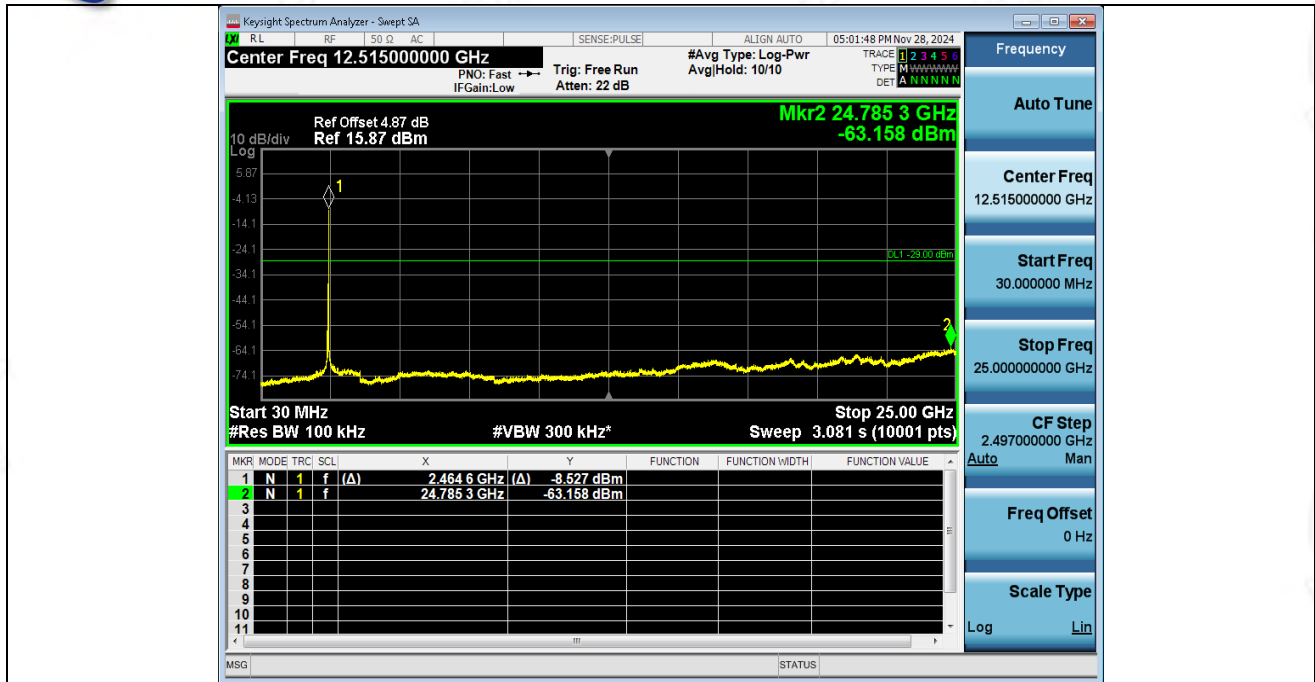


2 Spurious Emission NVNT\_ANT1\_802\_11g\_2462

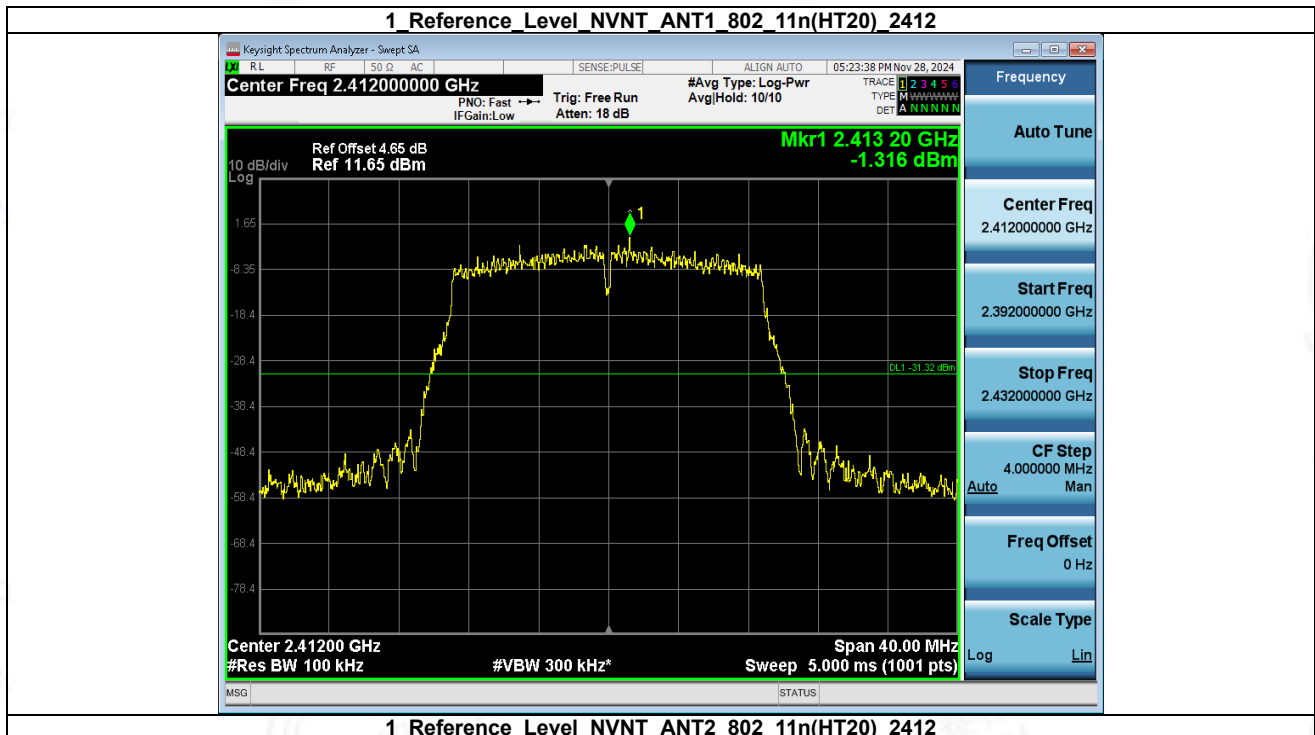


2 Spurious Emission NVNT\_ANT2\_802\_11g\_2462





1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT20)\_2412

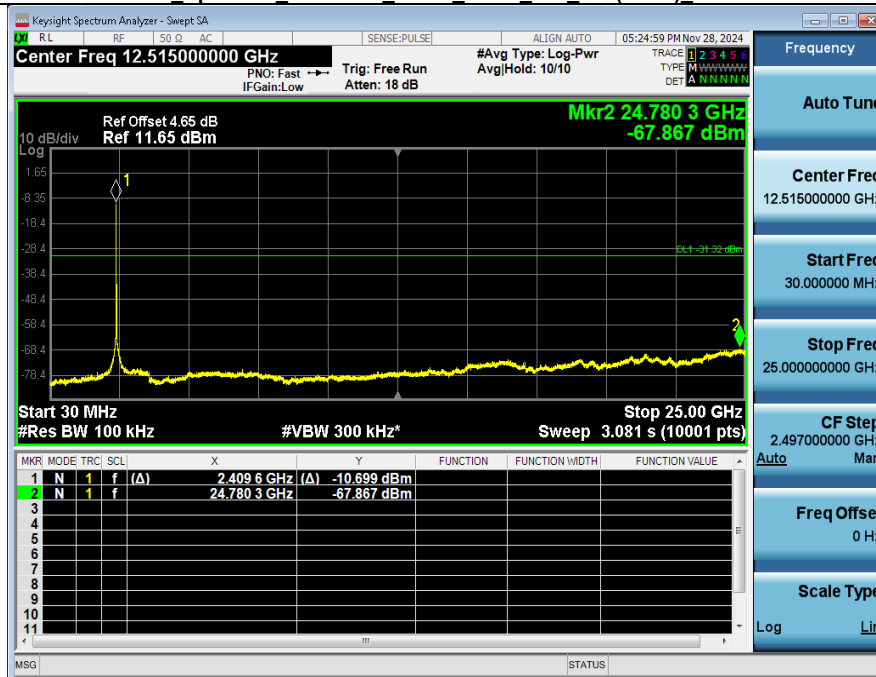


1\_Reference\_Level\_NVNT\_ANT2\_802\_11n(HT20)\_2412



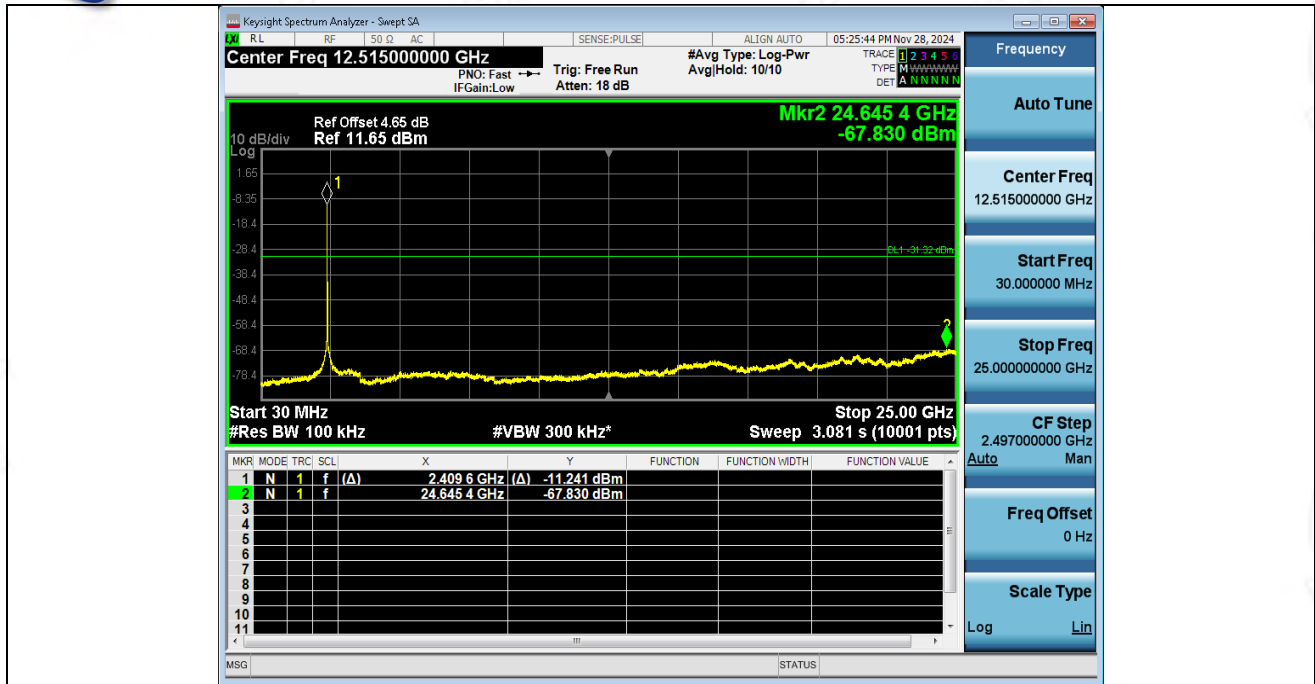


## 2 Spurious Emission\_NVNT\_ANT1\_802\_11n(HT20)\_2412

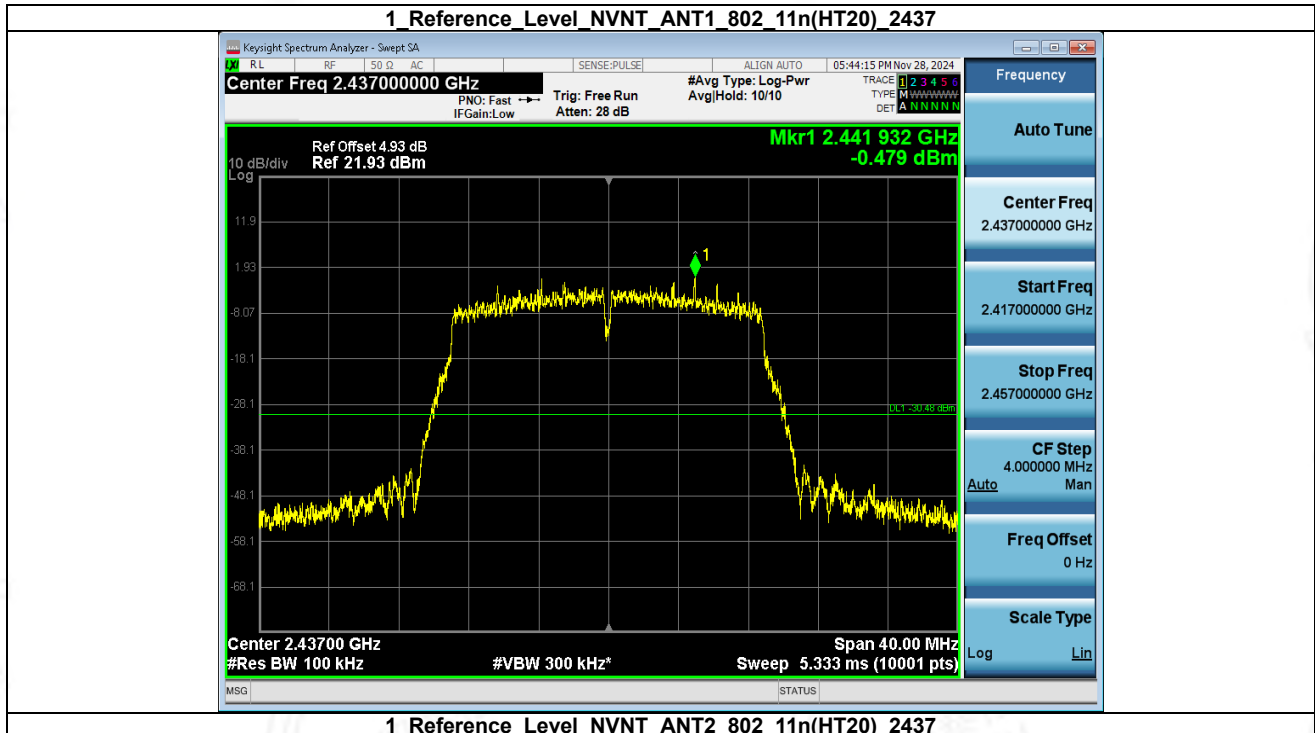


## 2 Spurious Emission\_NVNT\_ANT2\_802\_11n(HT20)\_2412



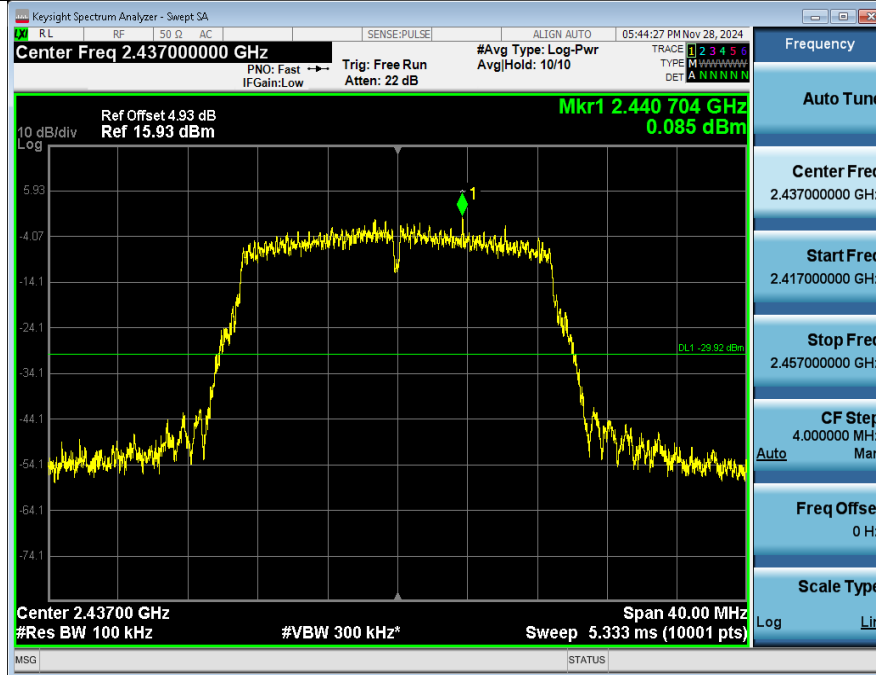


### 1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT20)\_2437

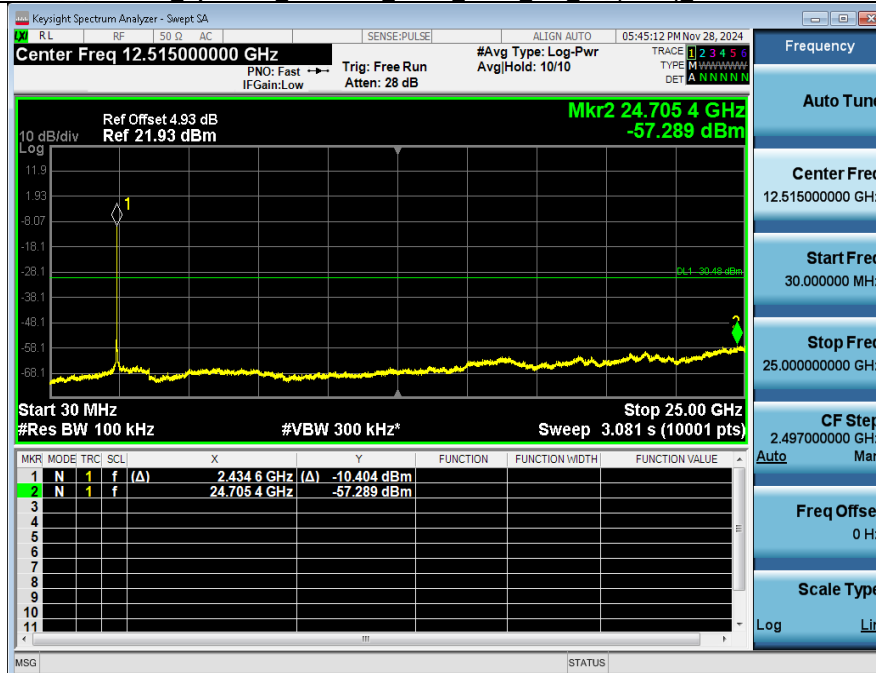


### 1\_Reference\_Level\_NVNT\_ANT2\_802\_11n(HT20)\_2437



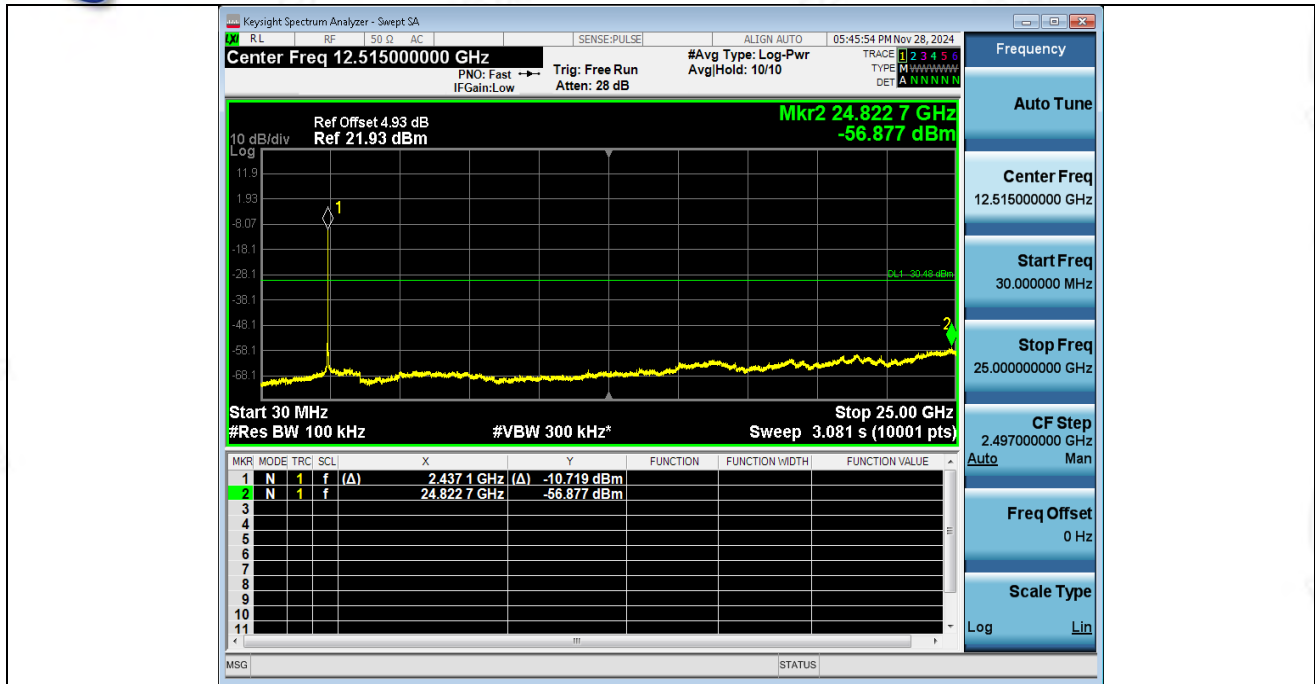


## 2 Spurious Emission\_NVNT\_ANT1\_802\_11n(HT20)\_2437

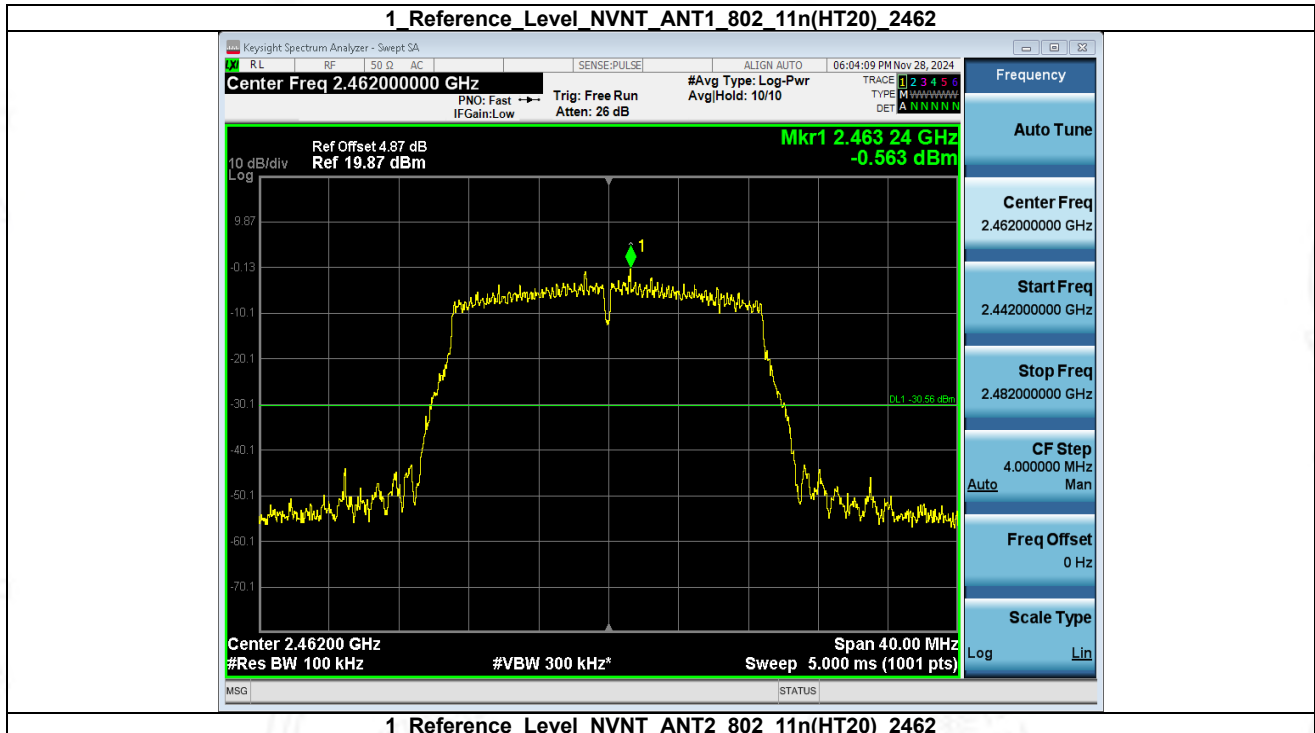


## 2 Spurious Emission\_NVNT\_ANT2\_802\_11n(HT20)\_2437





1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT20)\_2462

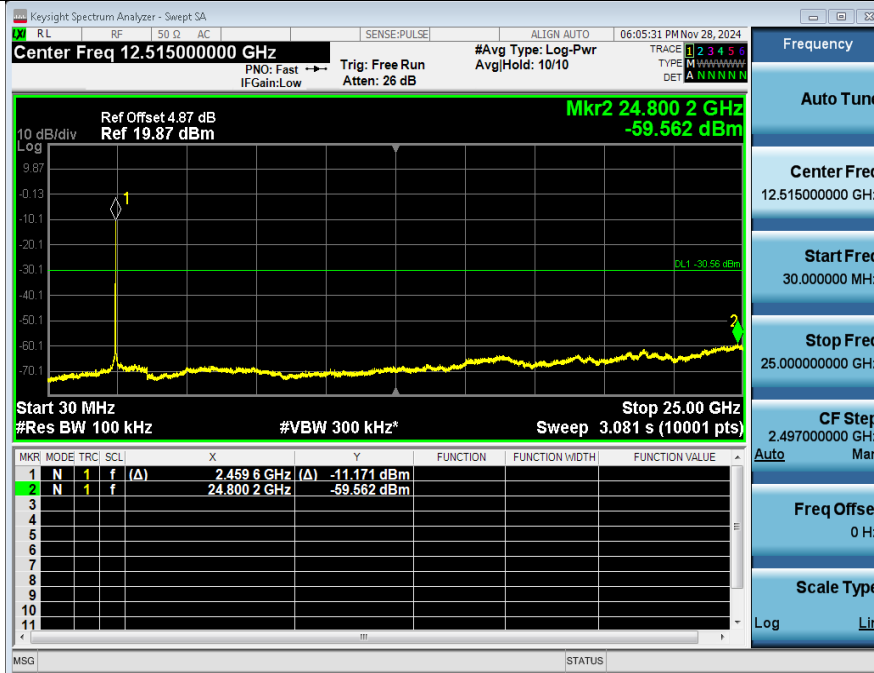


1\_Reference\_Level\_NVNT\_ANT2\_802\_11n(HT20)\_2462



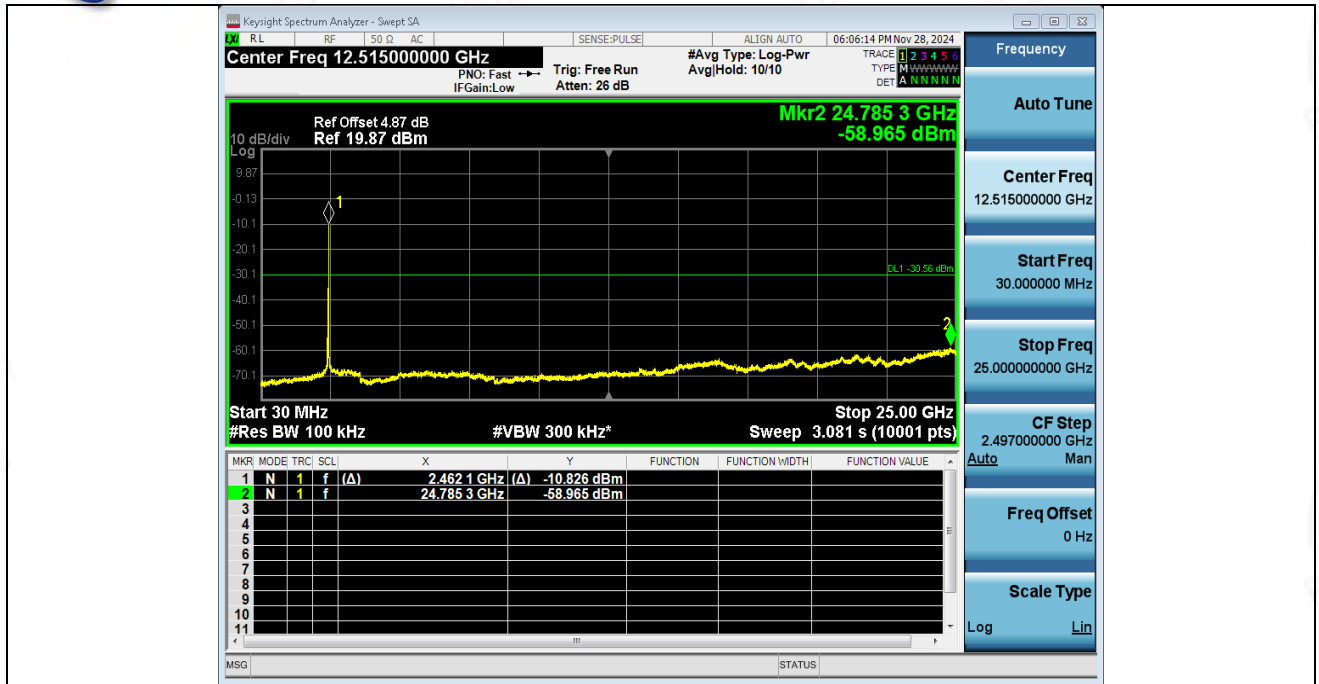


## 2 Spurious Emission\_NVNT\_ANT1\_802\_11n(HT20)\_2462

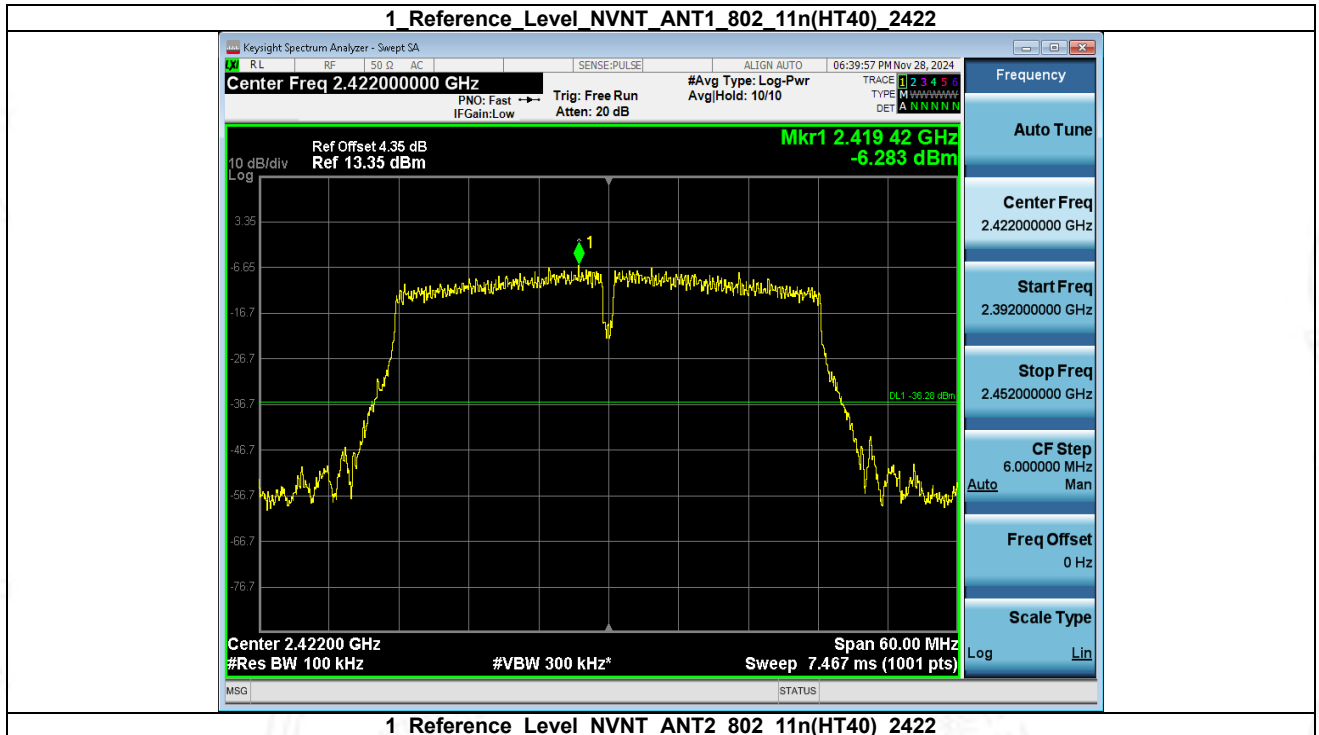


## 2 Spurious Emission\_NVNT\_ANT2\_802\_11n(HT20)\_2462





### 1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT40)\_2422

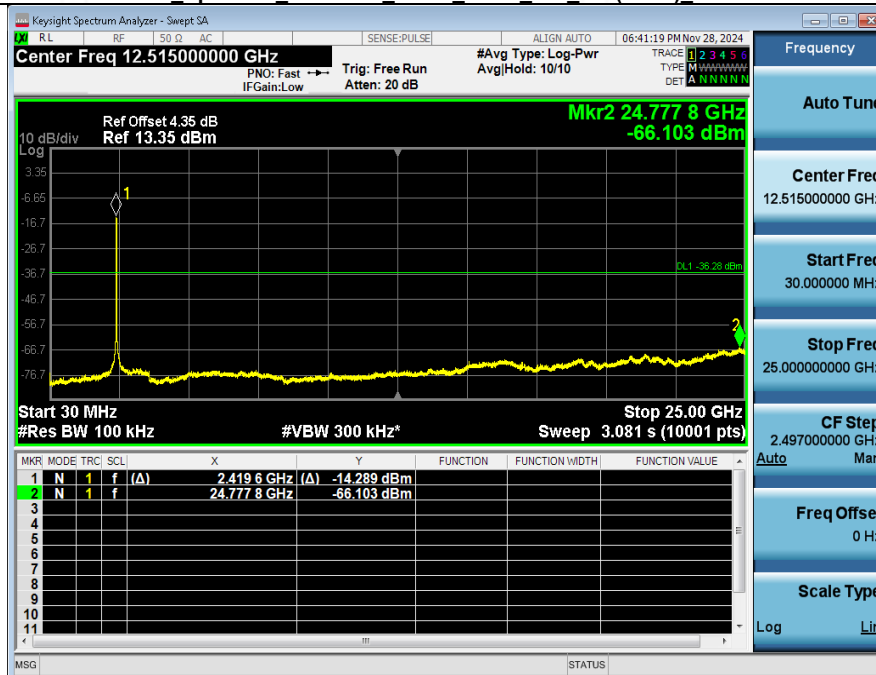


### 1\_Reference\_Level\_NVNT\_ANT2\_802\_11n(HT40)\_2422



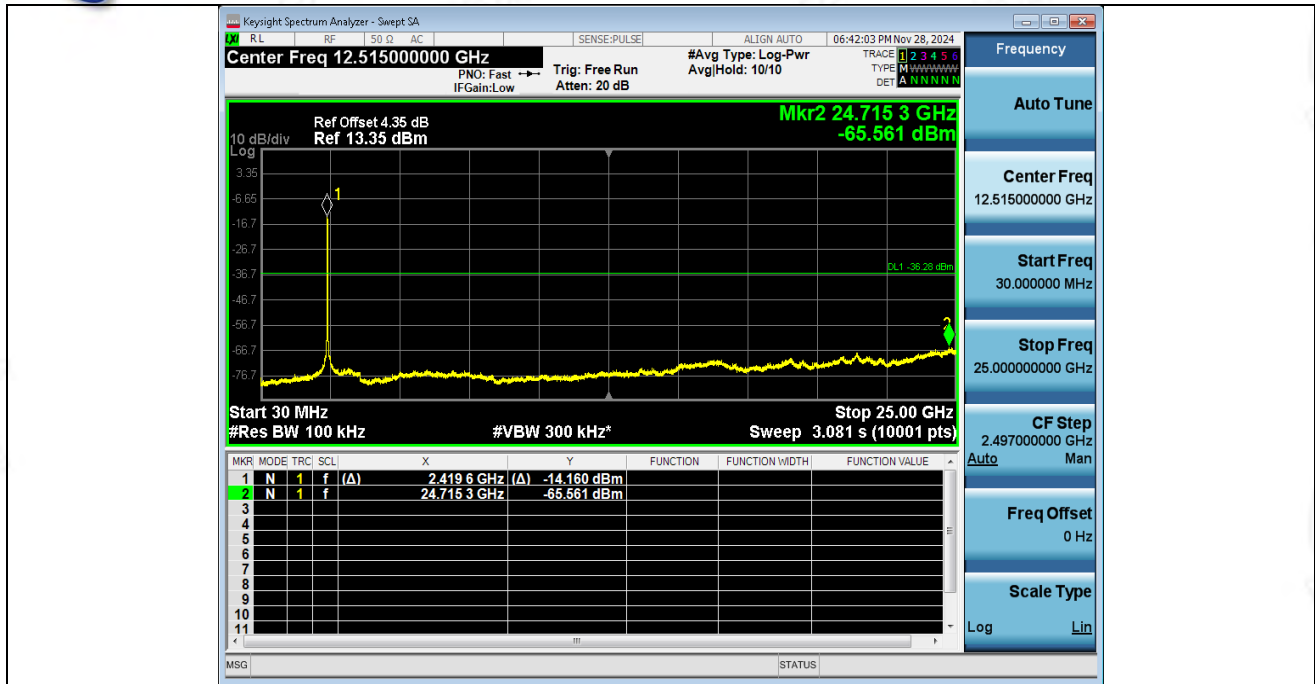


## 2 Spurious Emission\_NVNT\_ANT1\_802\_11n(HT40)\_2422

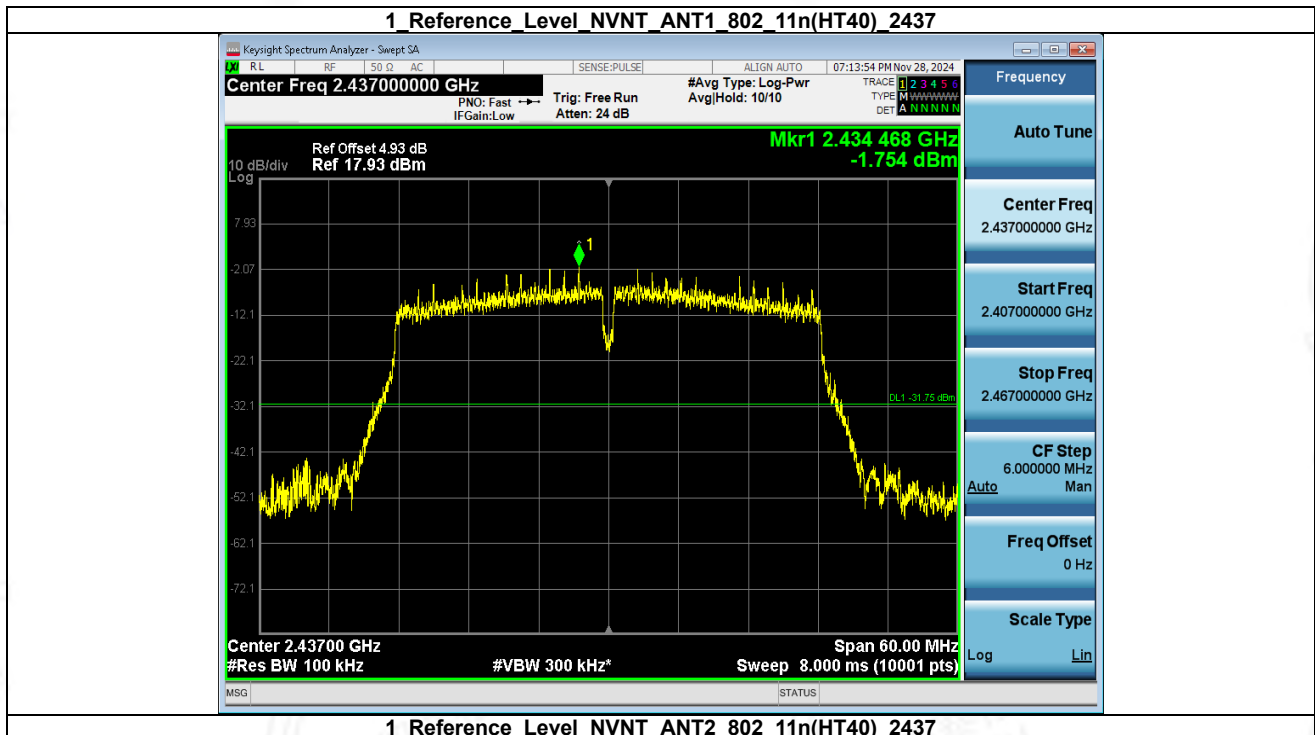


## 2 Spurious Emission\_NVNT\_ANT2\_802\_11n(HT40)\_2422





1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT40)\_2437

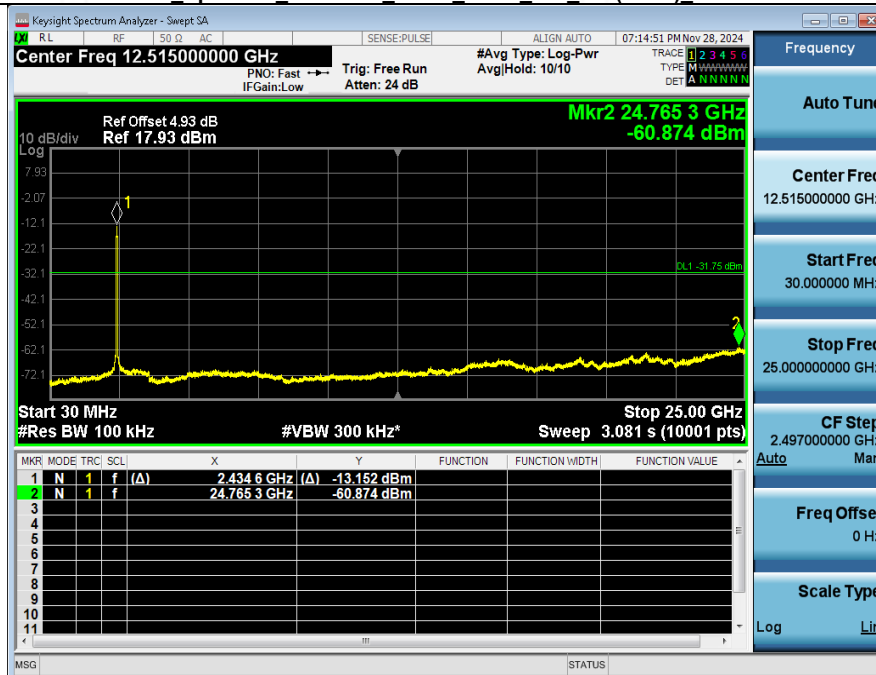


1\_Reference\_Level\_NVNT\_ANT2\_802\_11n(HT40)\_2437



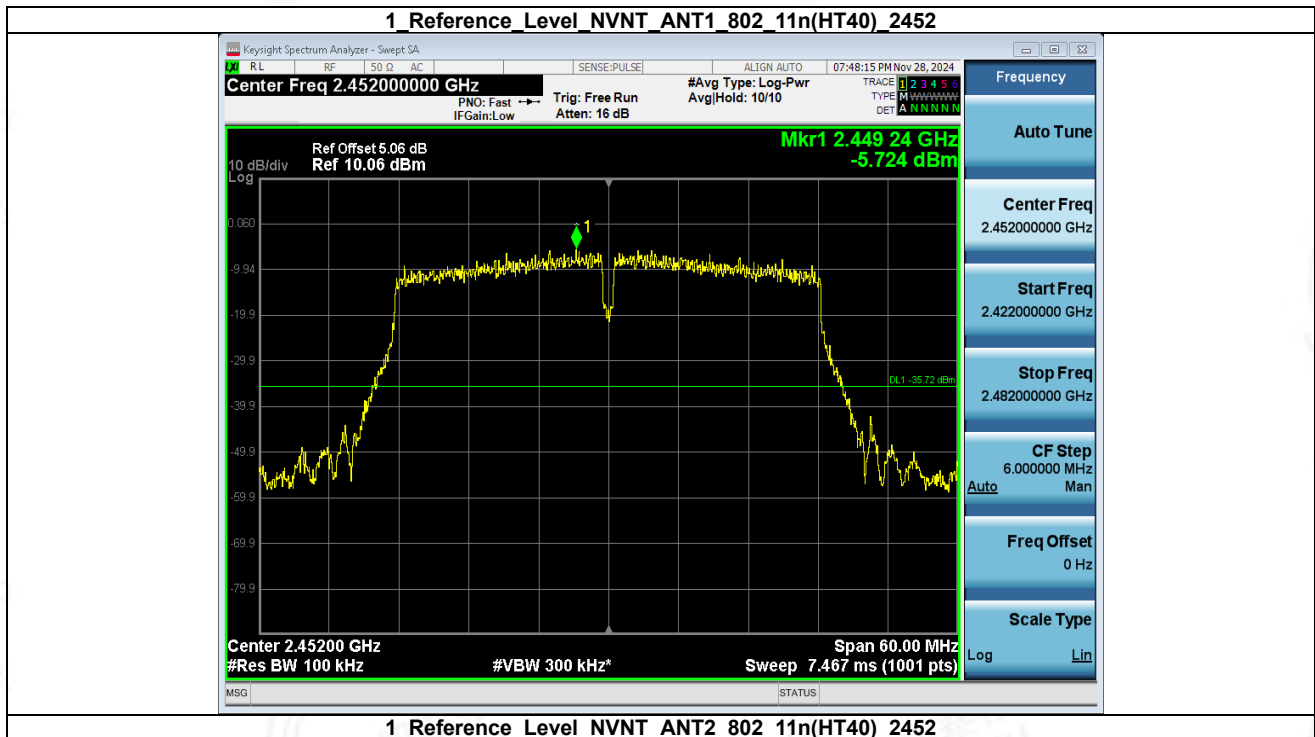
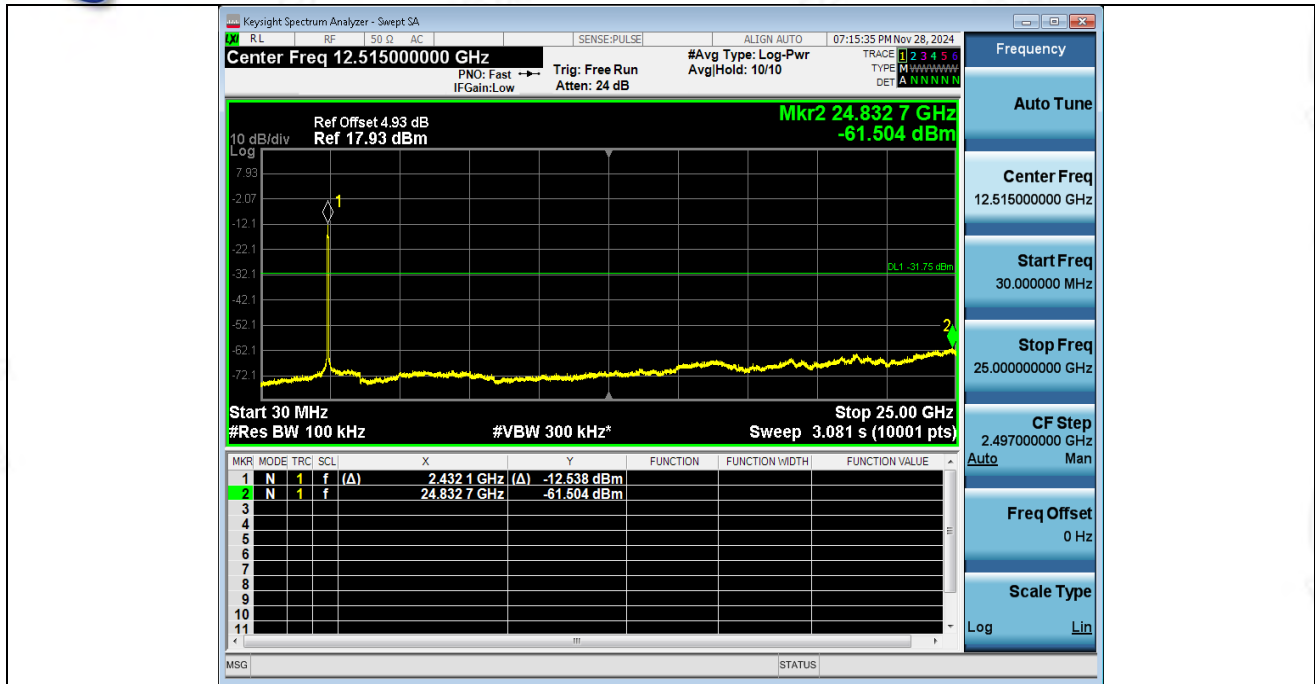


## 2 Spurious Emission\_NVNT\_ANT1\_802\_11n(HT40)\_2437



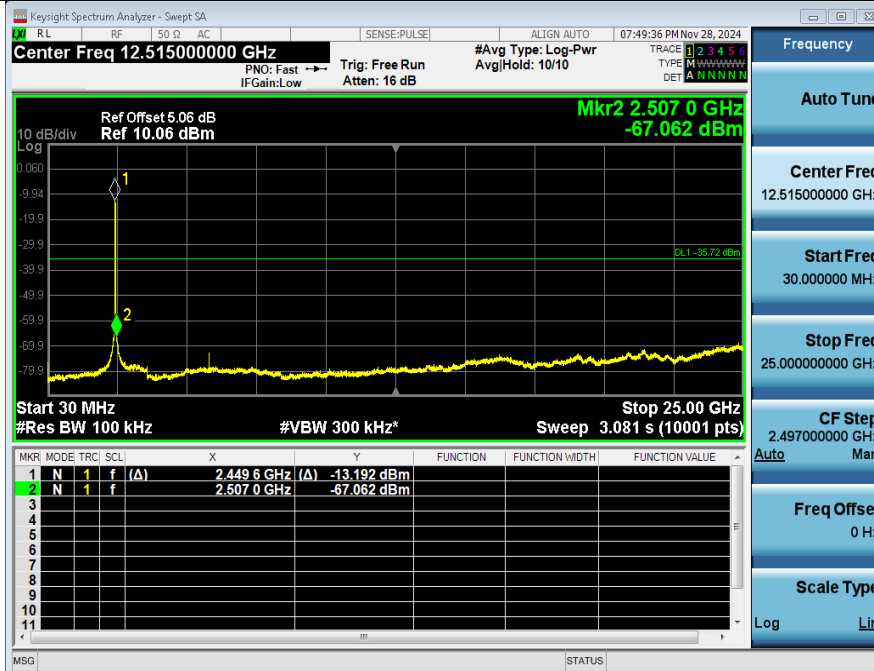
## 2 Spurious Emission\_NVNT\_ANT2\_802\_11n(HT40)\_2437







## 2\_Spurious\_Emission\_NVNT\_ANT1\_802\_11n(HT40)\_2452



## 2\_Spurious\_Emission\_NVNT\_ANT2\_802\_11n(HT40)\_2452



