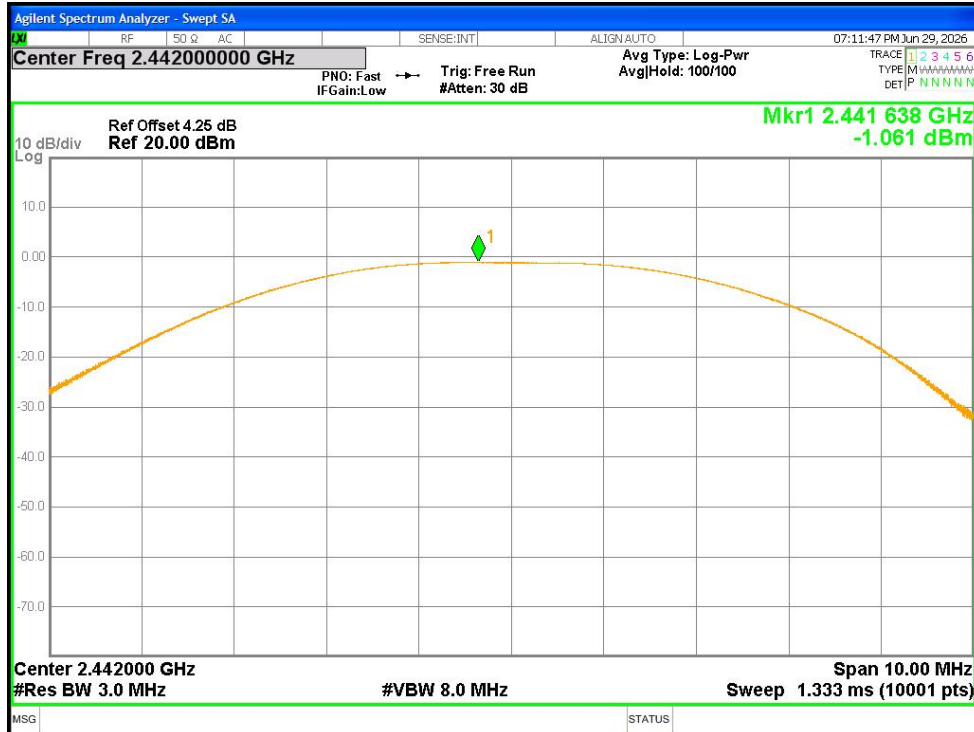
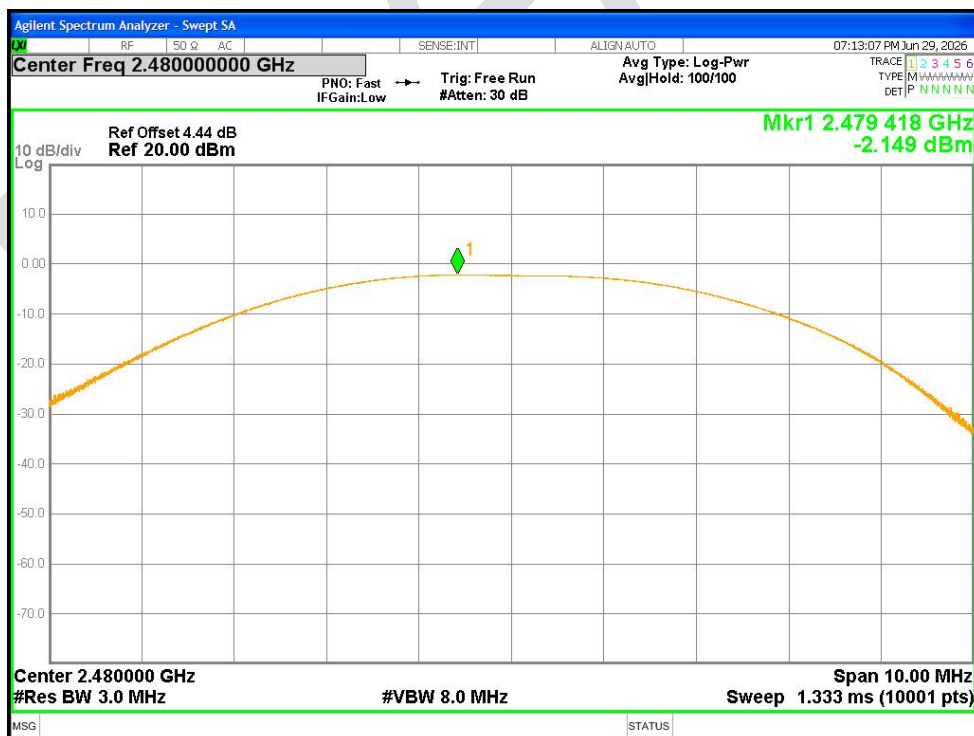


Power NVNT BLE 2M 2442MHz Ant1



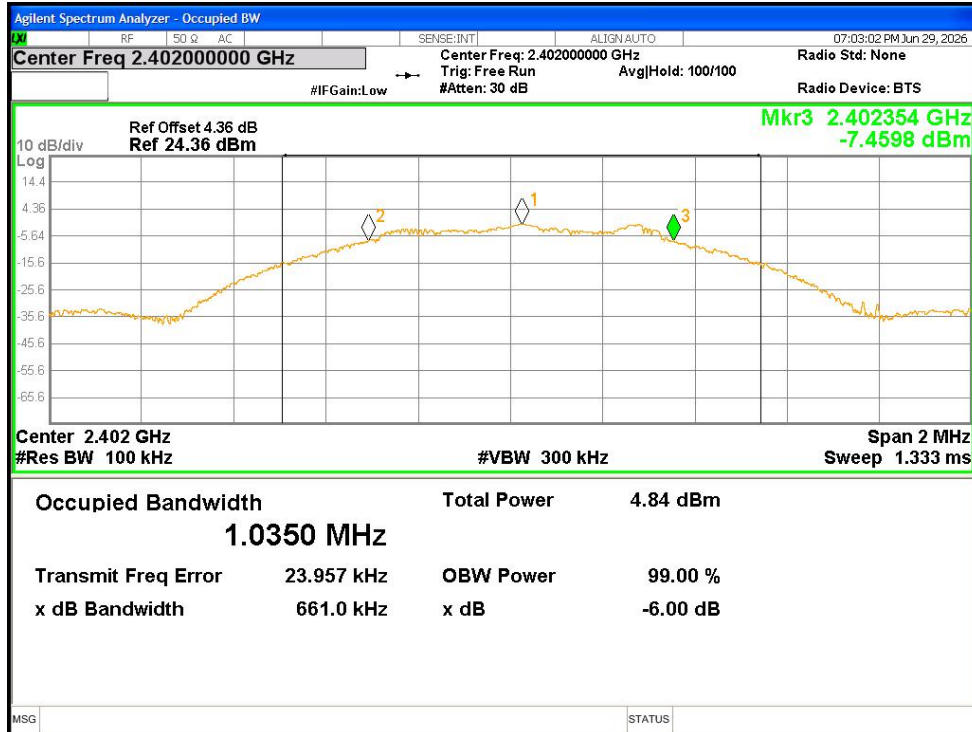
Power NVNT BLE 2M 2480MHz Ant1



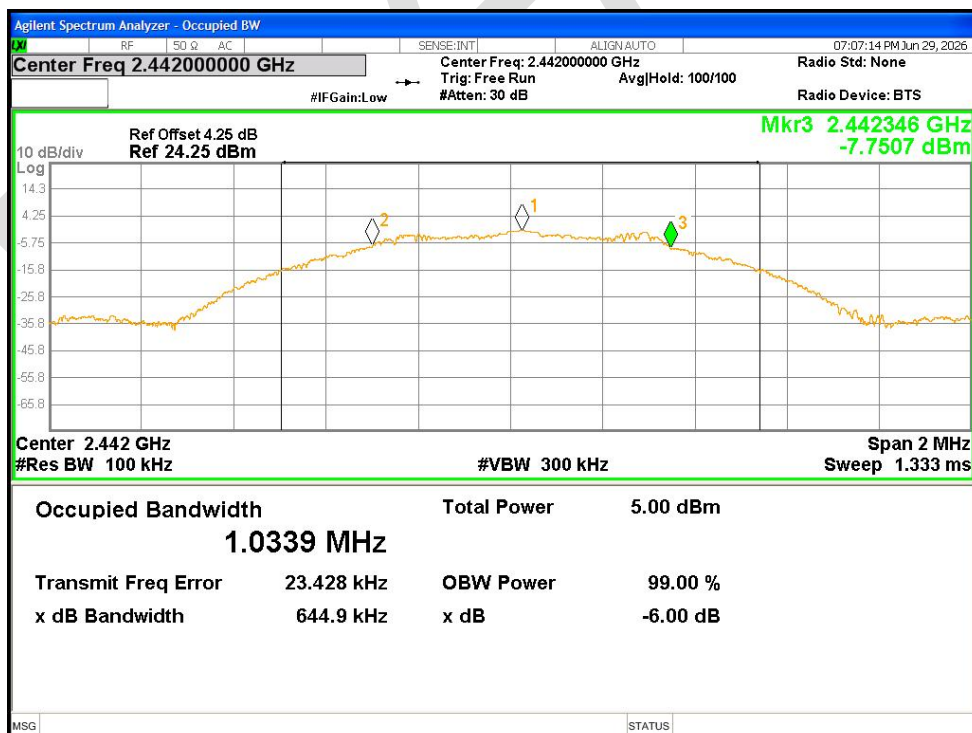
## 7.2 -6dB Bandwidth

| Condition | Mode   | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|--------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | 0.661                 | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2442            | Ant1    | 0.645                 | 0.5                         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | 0.654                 | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | 1.101                 | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2442            | Ant1    | 1.092                 | 0.5                         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | 1.102                 | 0.5                         | Pass    |

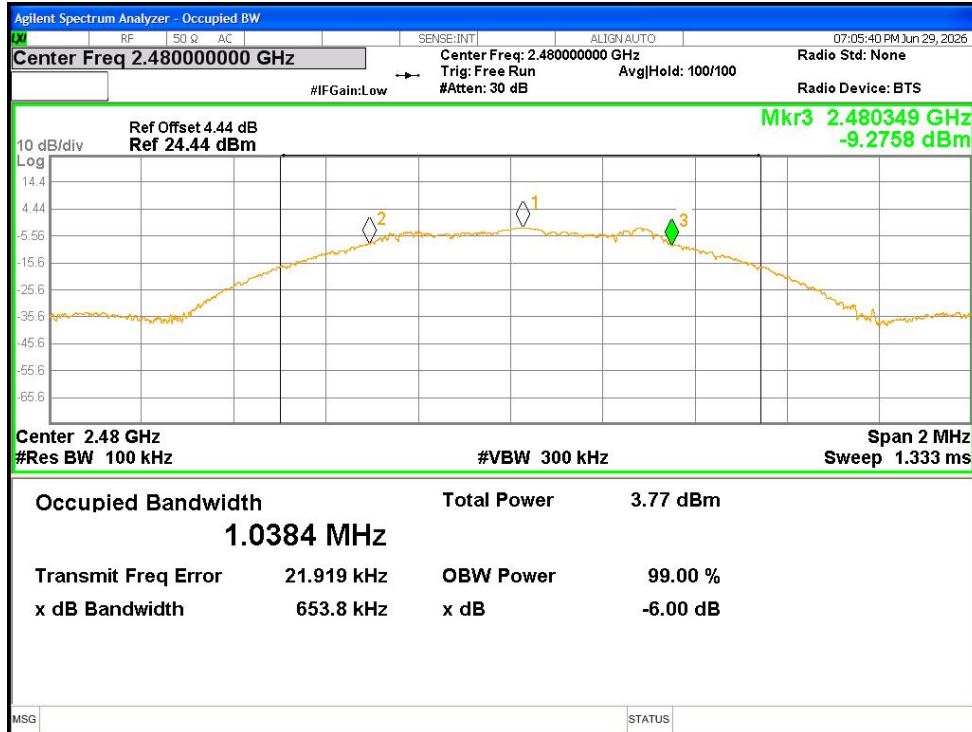
### -6dB Bandwidth NVNT BLE 1M 2402MHz Ant1



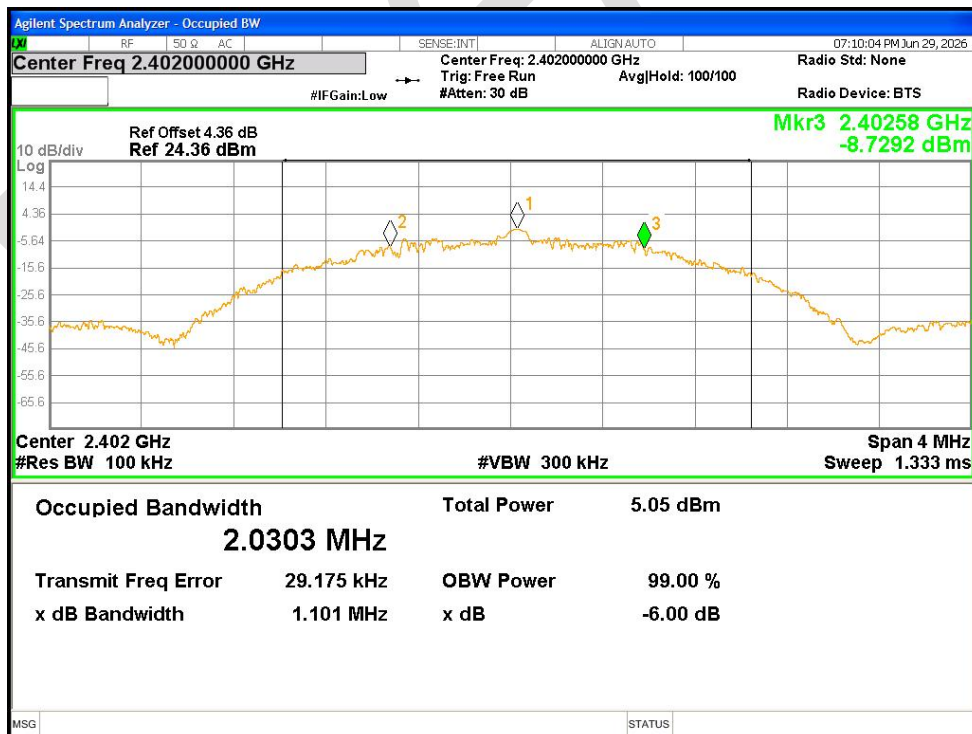
### -6dB Bandwidth NVNT BLE 1M 2442MHz Ant1



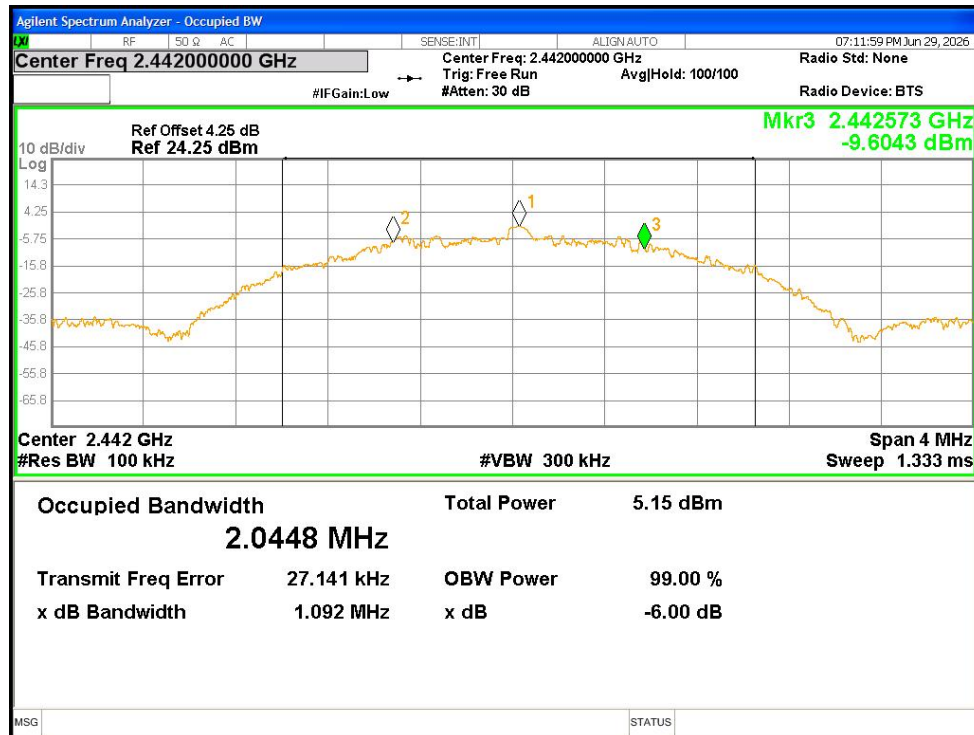
### -6dB Bandwidth NVNT BLE 1M 2480MHz Ant1



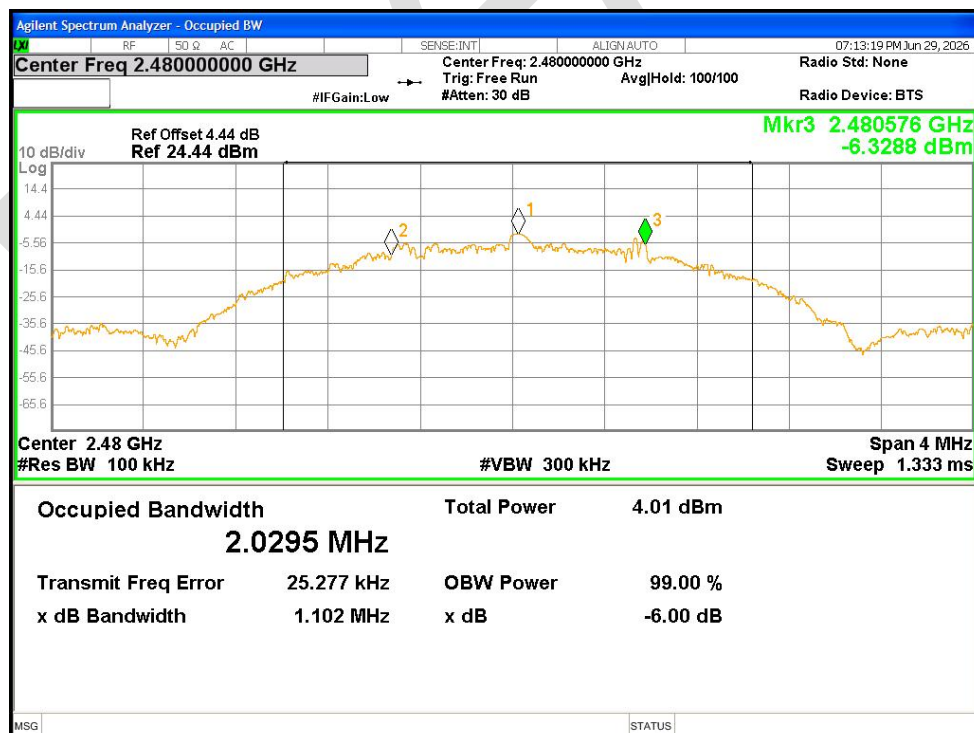
### -6dB Bandwidth NVNT BLE 2M 2402MHz Ant1



### -6dB Bandwidth NVNT BLE 2M 2442MHz Ant1



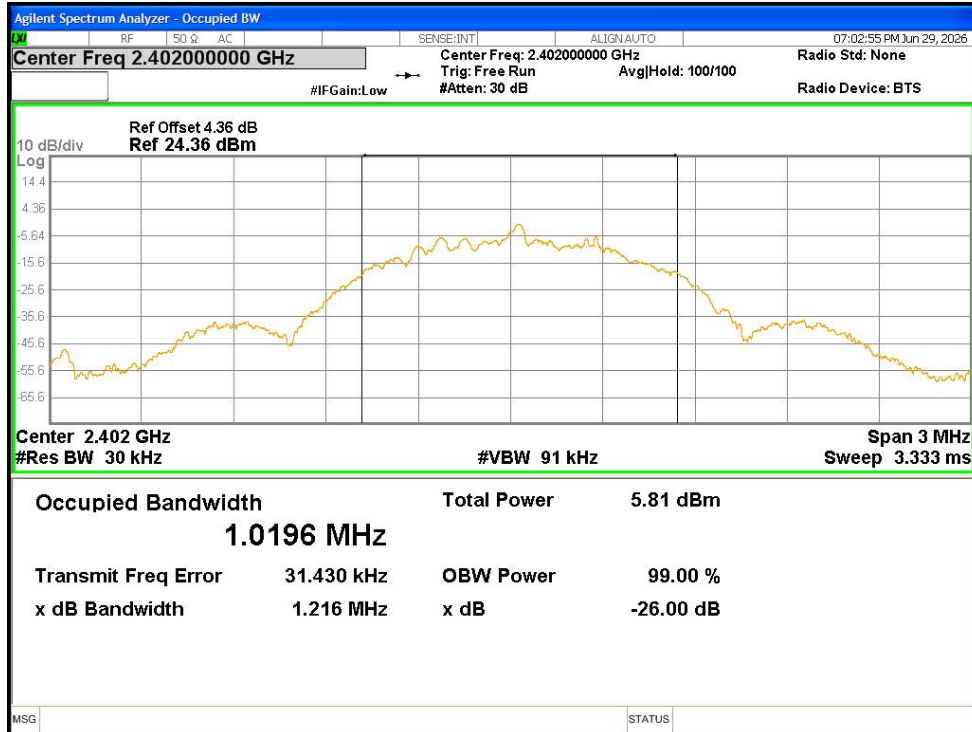
### -6dB Bandwidth NVNT BLE 2M 2480MHz Ant1



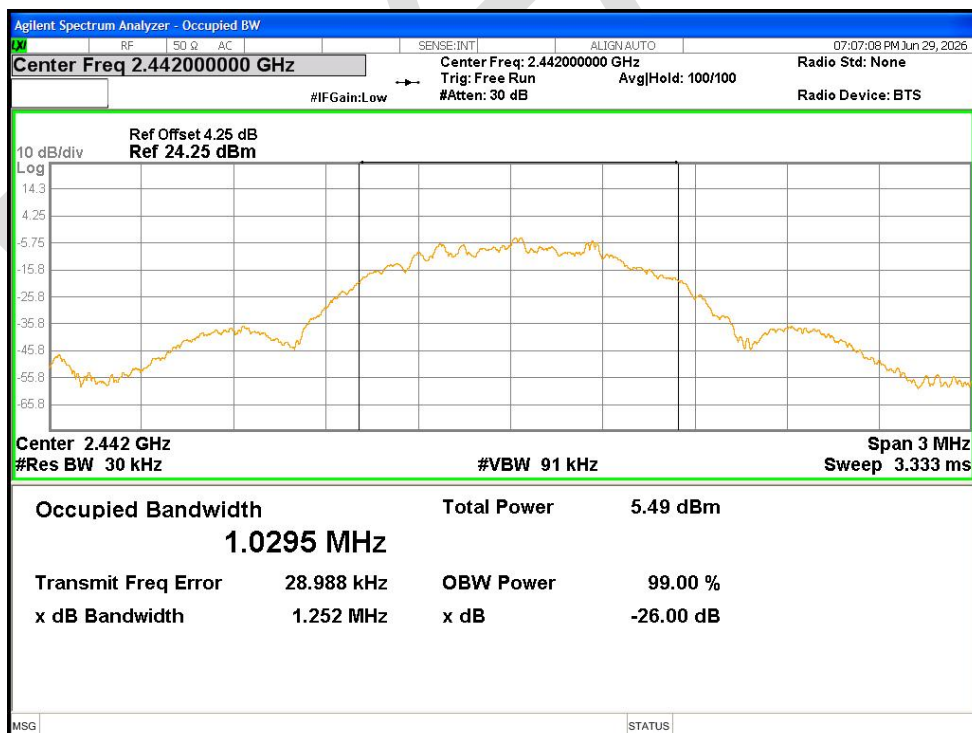
### 7.3 Occupied Channel Bandwidth

| Condition | Mode   | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|--------|-----------------|---------|---------------|
| NVNT      | BLE 1M | 2402            | Ant1    | 1.0196        |
| NVNT      | BLE 1M | 2442            | Ant1    | 1.0295        |
| NVNT      | BLE 1M | 2480            | Ant1    | 1.0251        |
| NVNT      | BLE 2M | 2402            | Ant1    | 2.0660        |
| NVNT      | BLE 2M | 2442            | Ant1    | 2.0377        |
| NVNT      | BLE 2M | 2480            | Ant1    | 2.0308        |

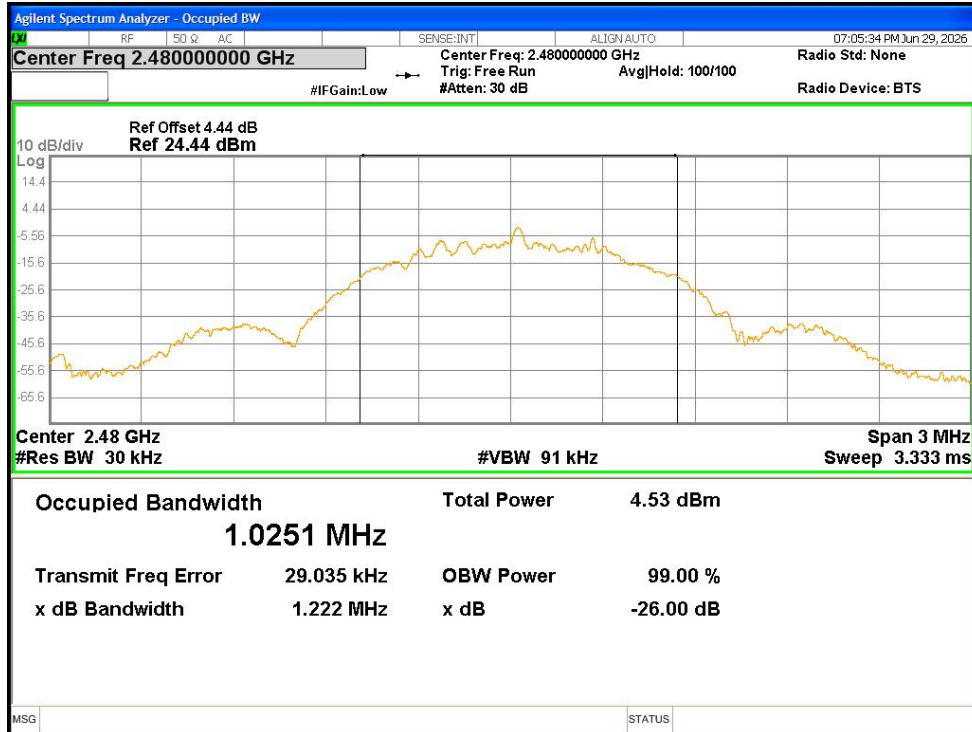
OBW NVNT BLE 1M 2402MHz Ant1



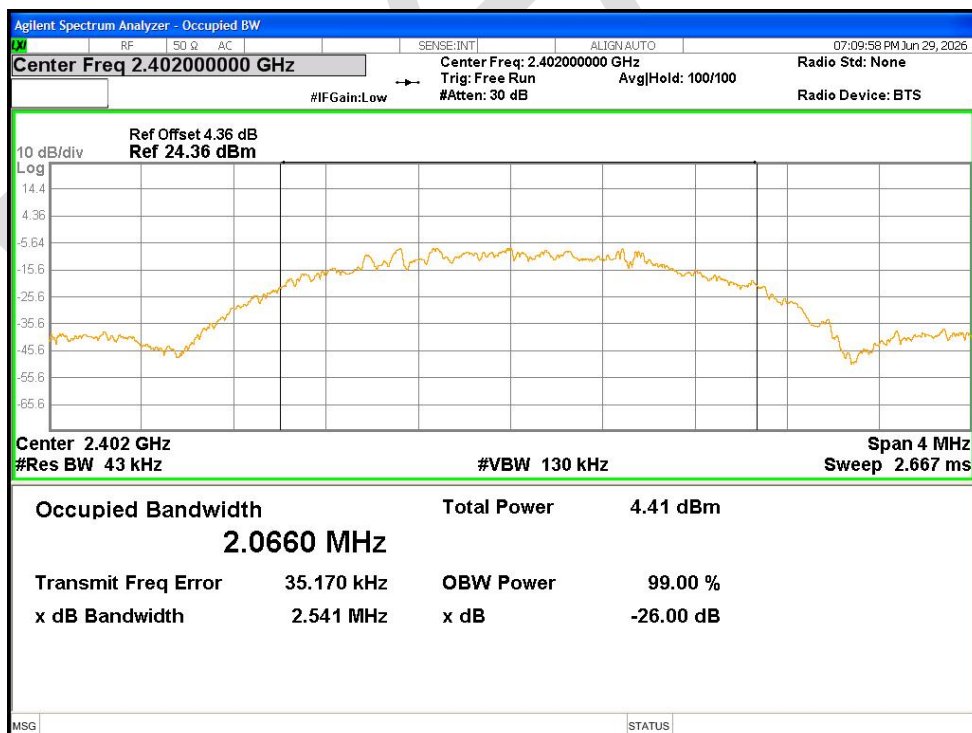
OBW NVNT BLE 1M 2442MHz Ant1



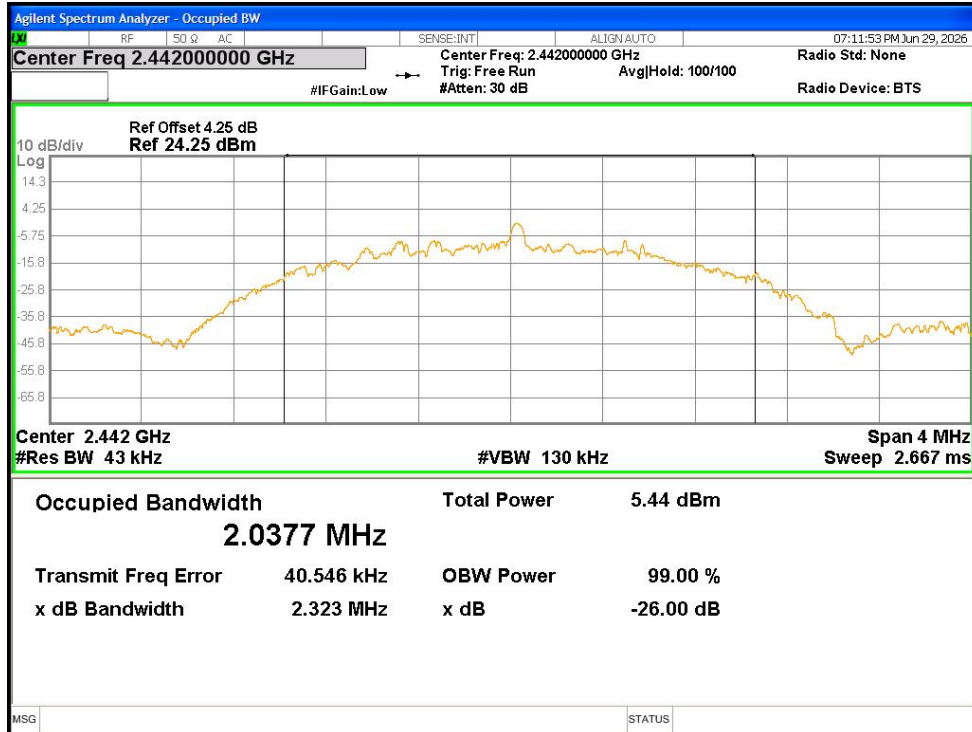
### OBW NVNT BLE 1M 2480MHz Ant1



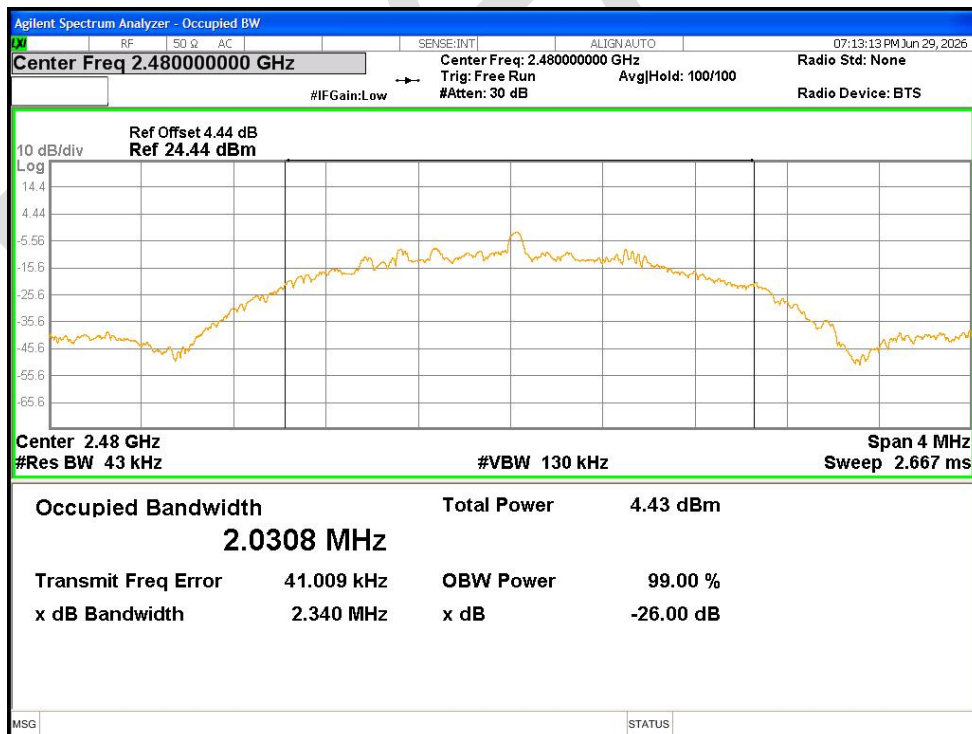
### OBW NVNT BLE 2M 2402MHz Ant1



### OBW NVNT BLE 2M 2442MHz Ant1



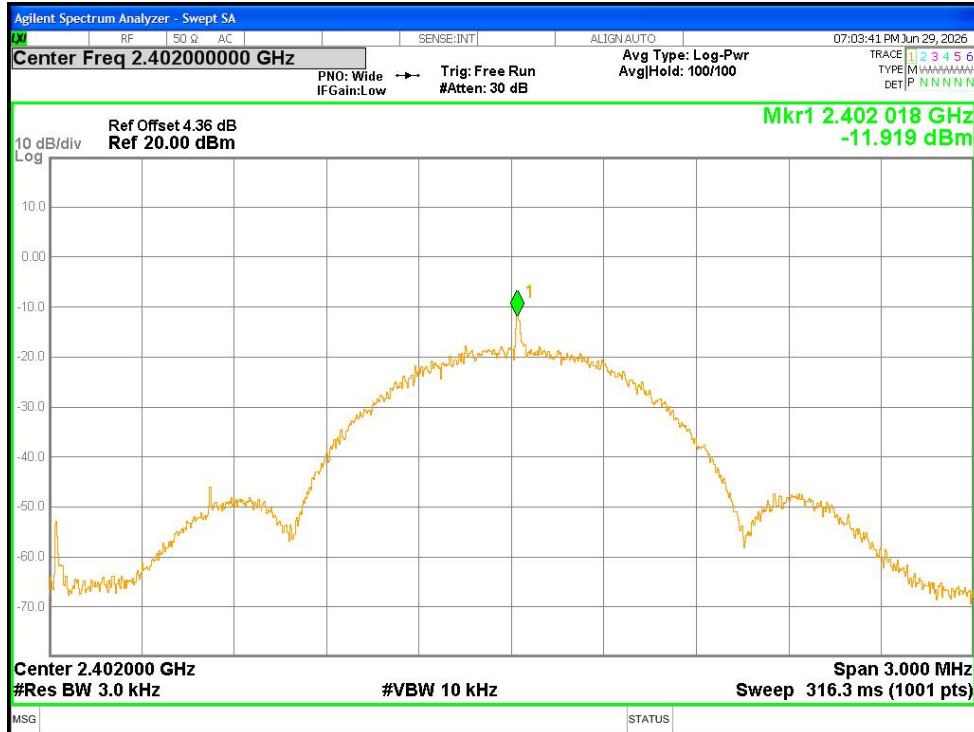
### OBW NVNT BLE 2M 2480MHz Ant1



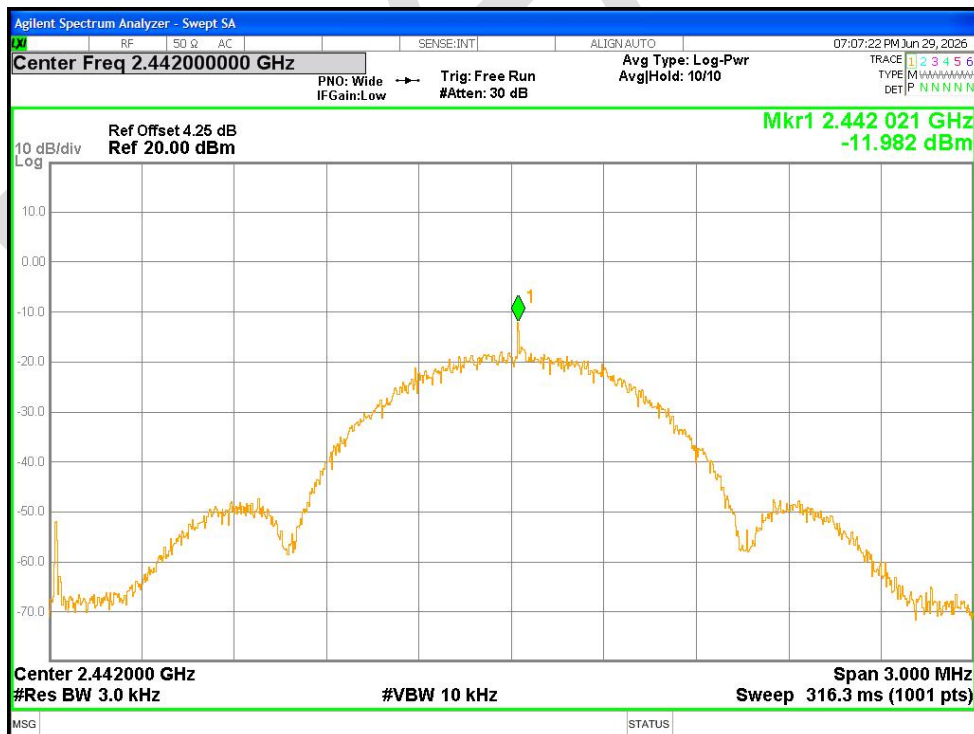
#### 7.4 Maximum Power Spectral Density Level

| Condition | Mode   | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|--------|-----------------|---------|---------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -11.919       | 8           | Pass    |
| NVNT      | BLE 1M | 2442            | Ant1    | -11.982       | 8           | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -12.873       | 8           | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -12.531       | 8           | Pass    |
| NVNT      | BLE 2M | 2442            | Ant1    | -12.686       | 8           | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -13.356       | 8           | Pass    |

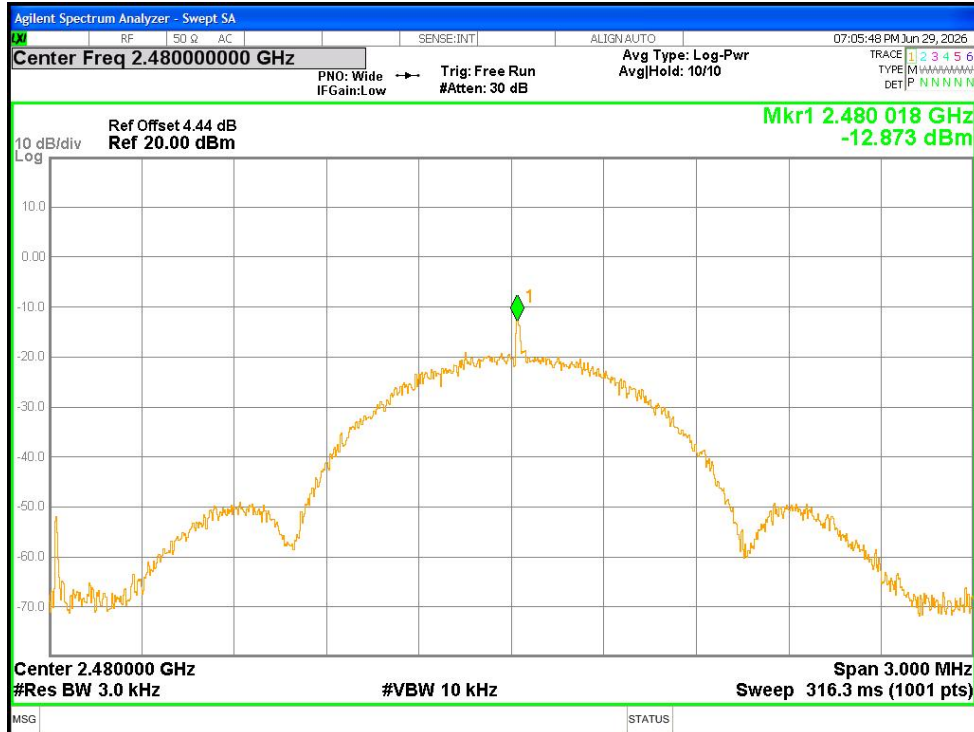
PSD NVNT BLE 1M 2402MHz Ant1



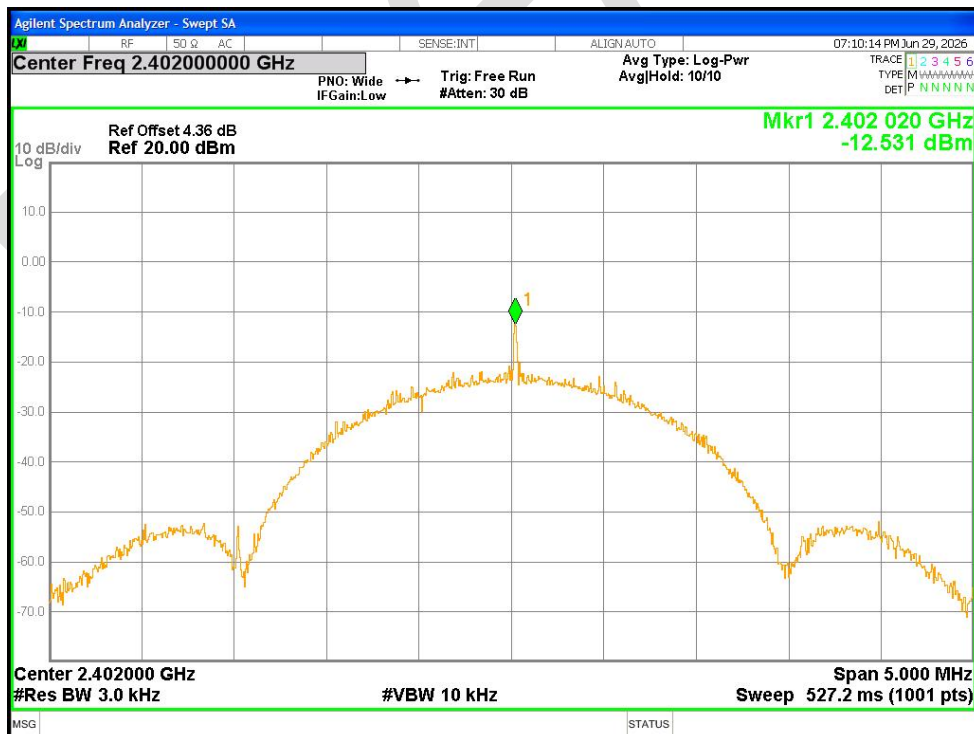
PSD NVNT BLE 1M 2442MHz Ant1



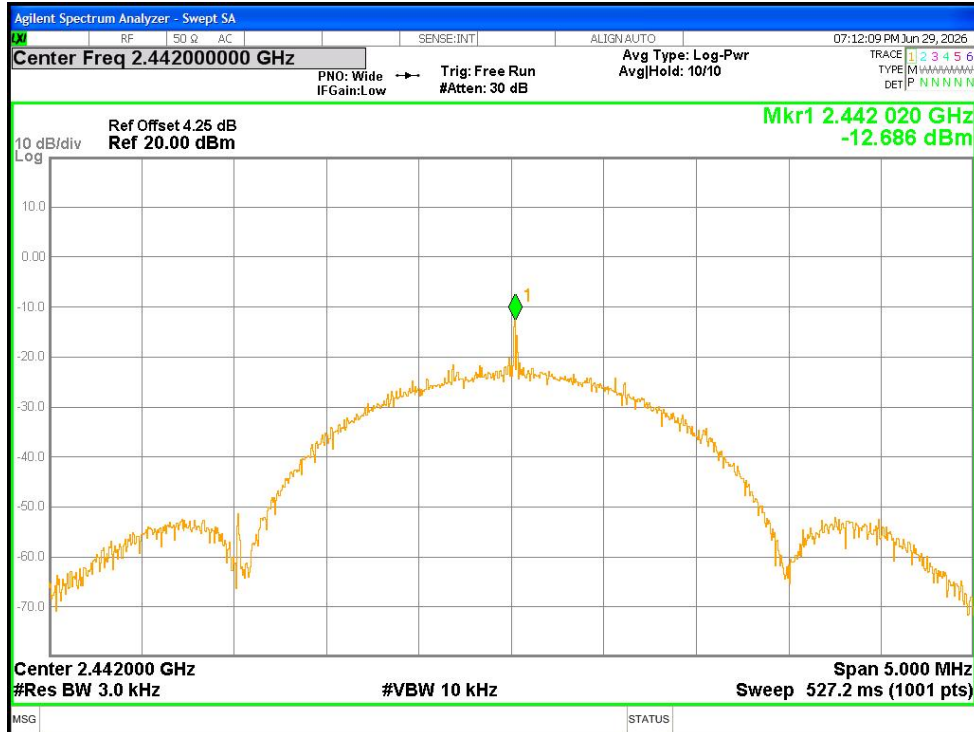
PSD NVNT BLE 1M 2480MHz Ant1



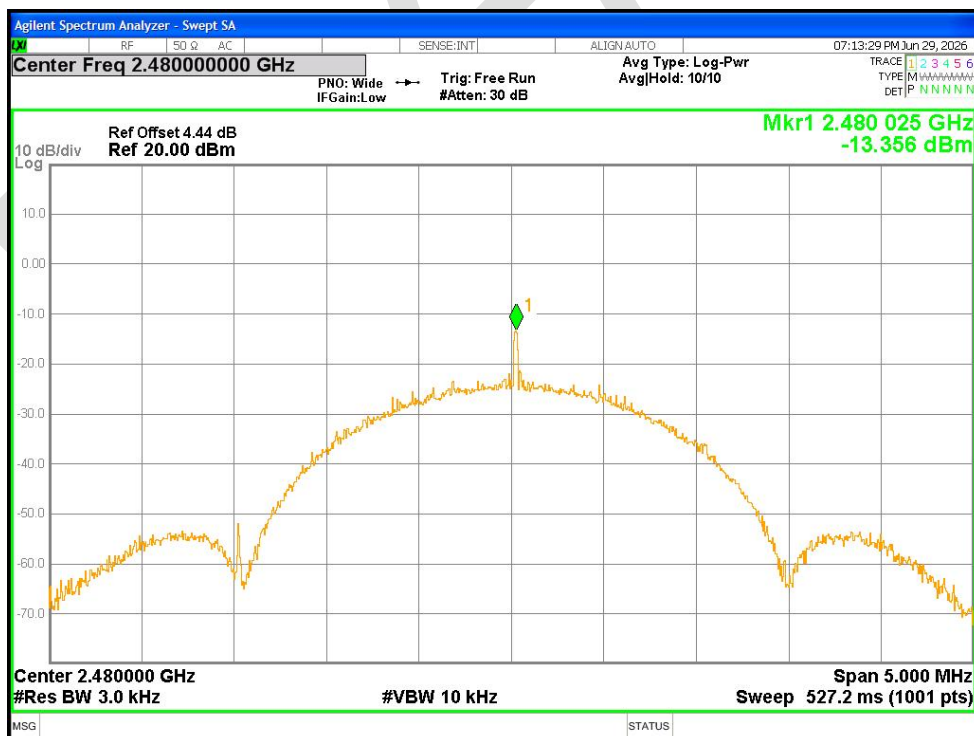
PSD NVNT BLE 2M 2402MHz Ant1



PSD NVNT BLE 2M 2442MHz Ant1



PSD NVNT BLE 2M 2480MHz Ant1



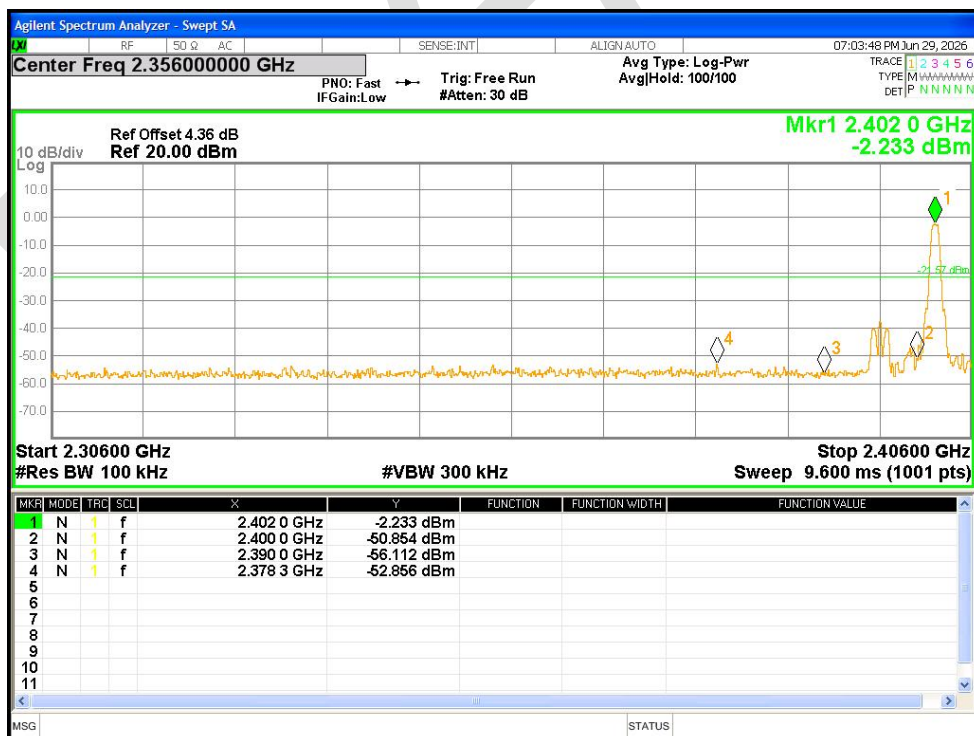
## 7.5 Band Edge

| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -51.28          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -43.83          | -20         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -52.16          | -20         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -40.22          | -20         | Pass    |

### Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



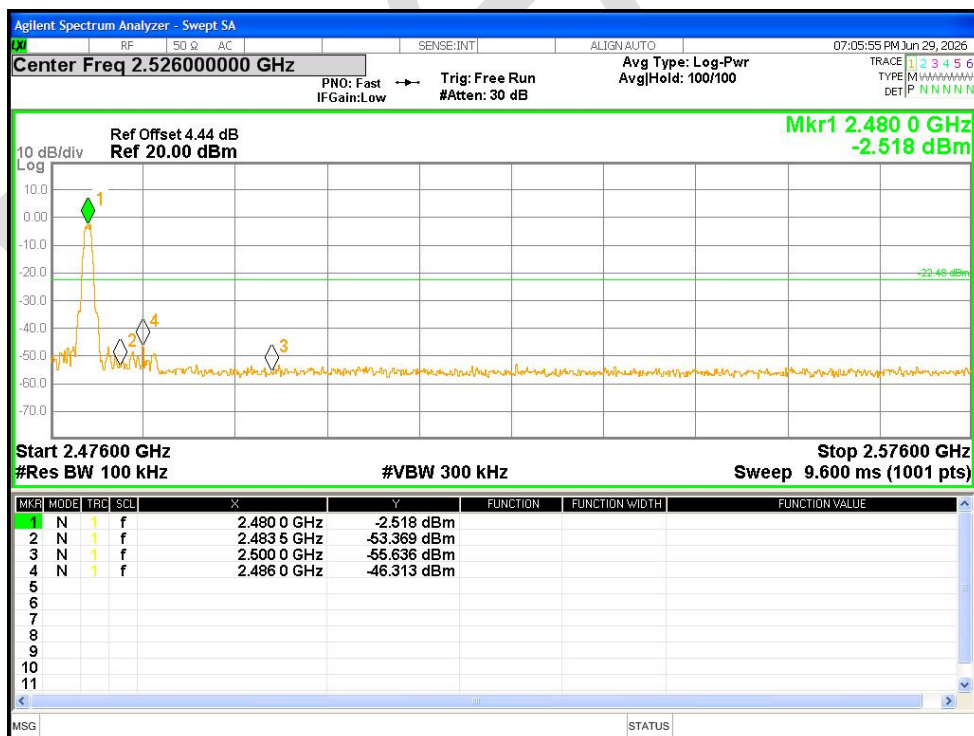
### Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



### Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



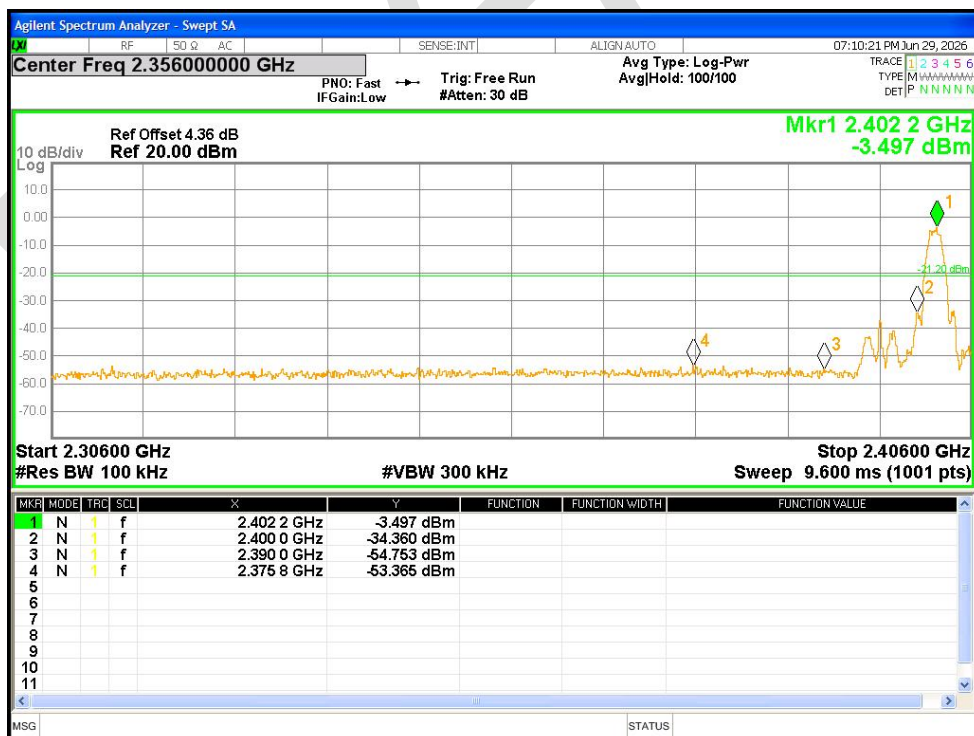
### Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



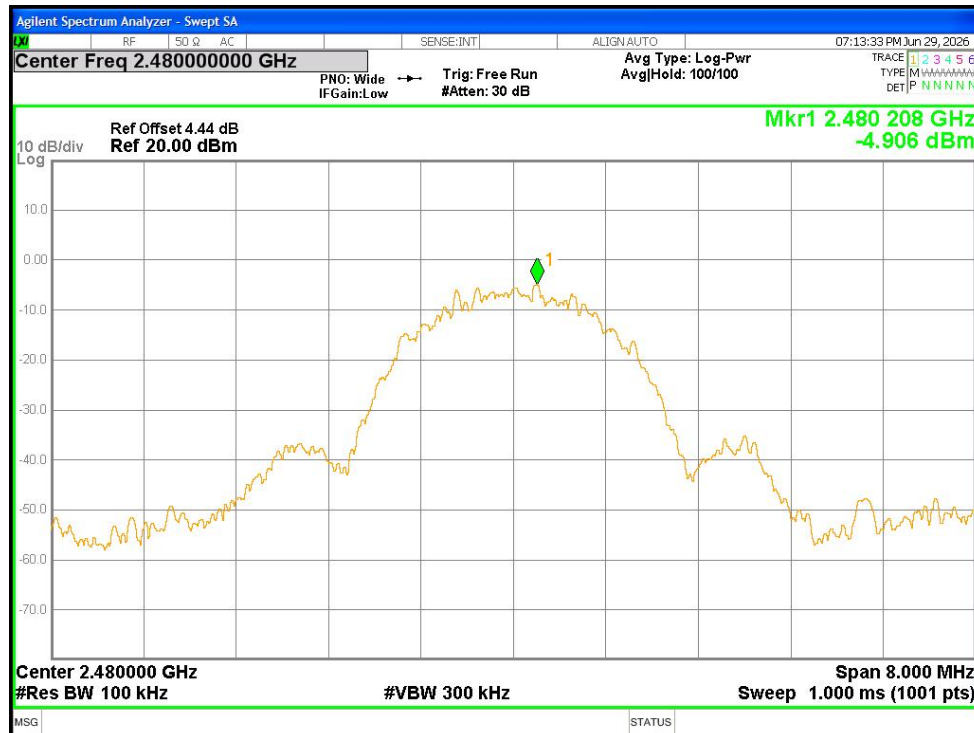
### Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



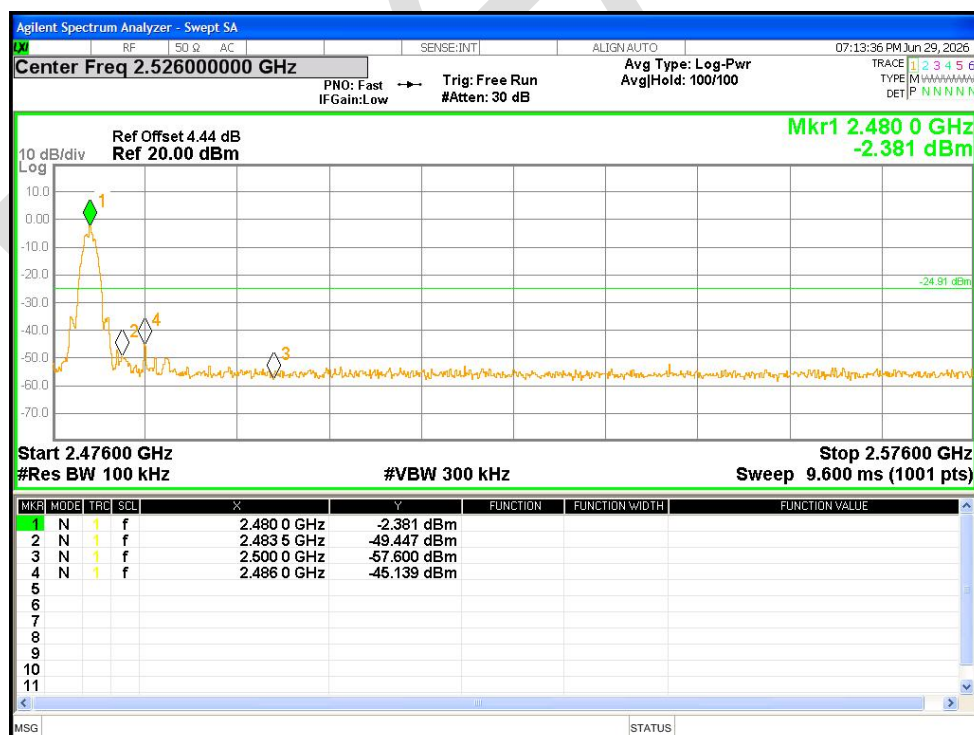
### Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



### Band Edge NVNT BLE 2M 2480MHz Ant1 Ref



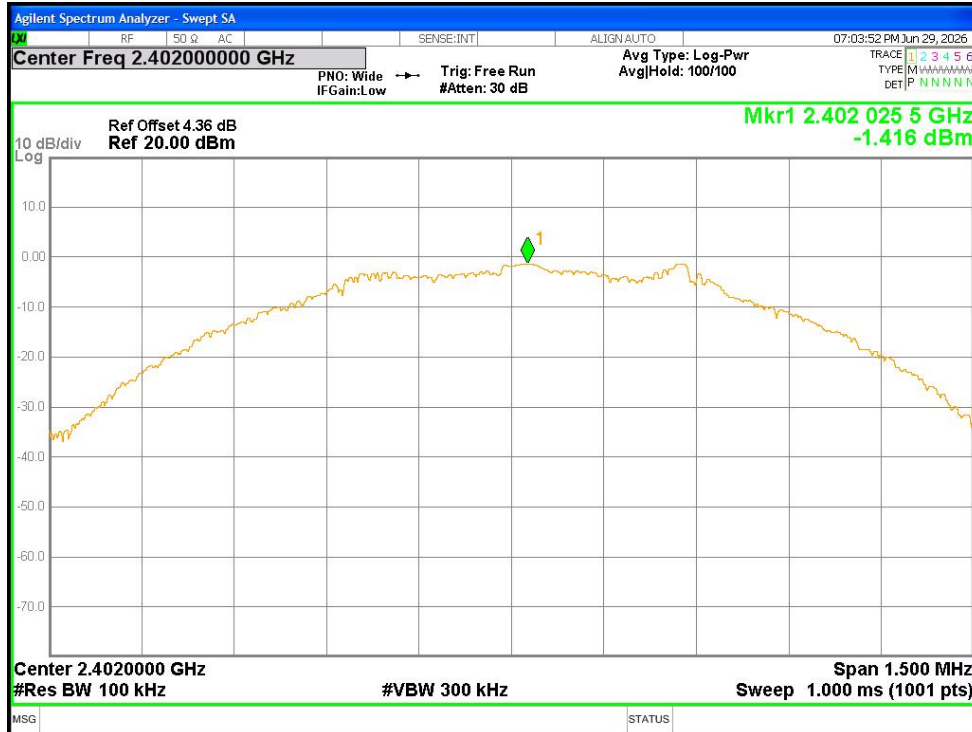
### Band Edge NVNT BLE 2M 2480MHz Ant1 Emission



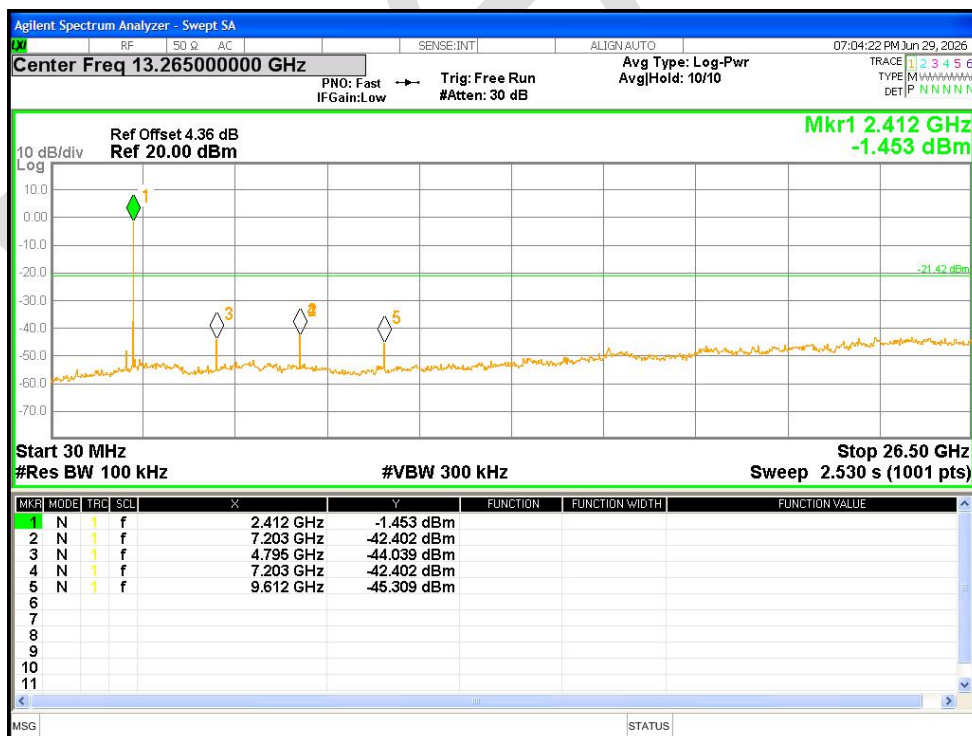
## 7.6 Conducted RF Spurious Emission

| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -40.98          | -20         | Pass    |
| NVNT      | BLE 1M | 2442            | Ant1    | -41.62          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -39.12          | -20         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -40.75          | -20         | Pass    |
| NVNT      | BLE 2M | 2442            | Ant1    | -41.35          | -20         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -39.72          | -20         | Pass    |

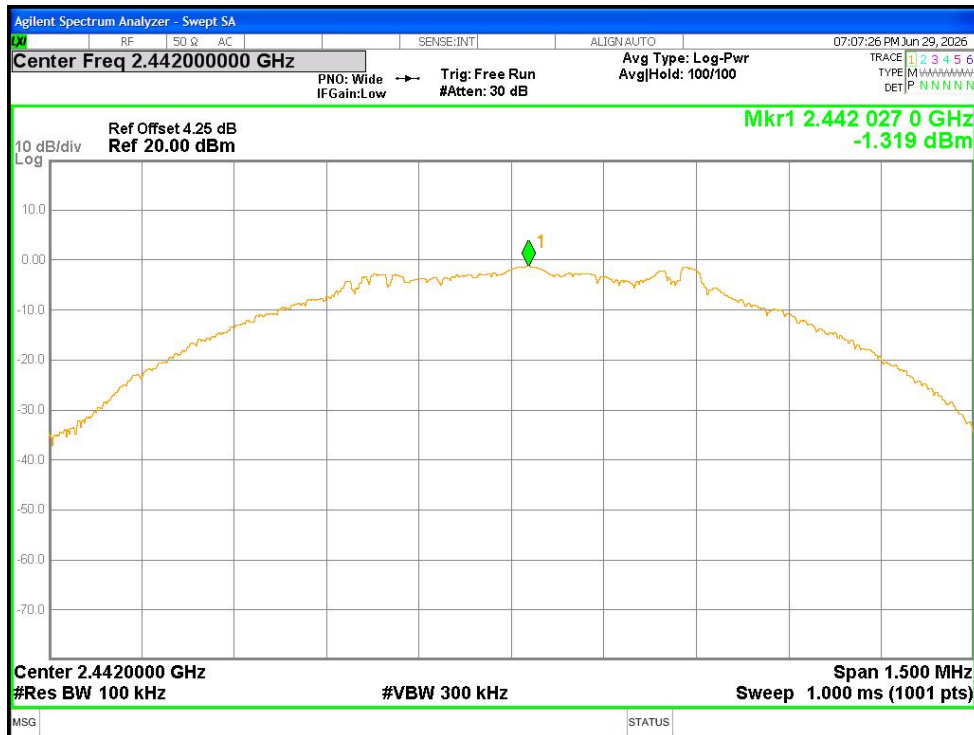
## Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



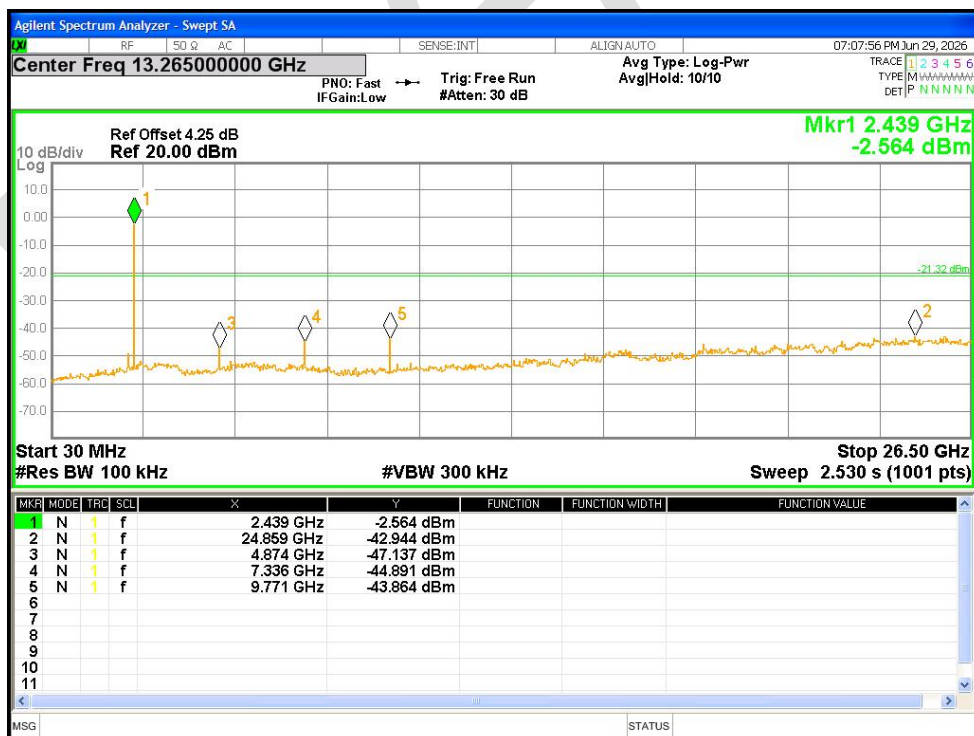
## Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



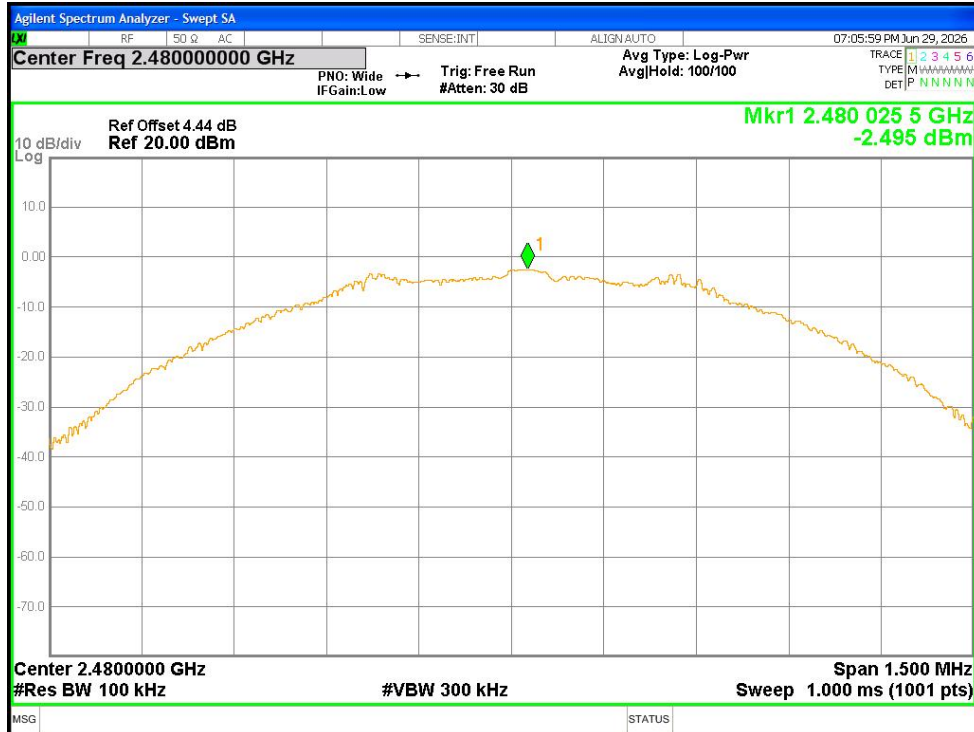
## Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Ref



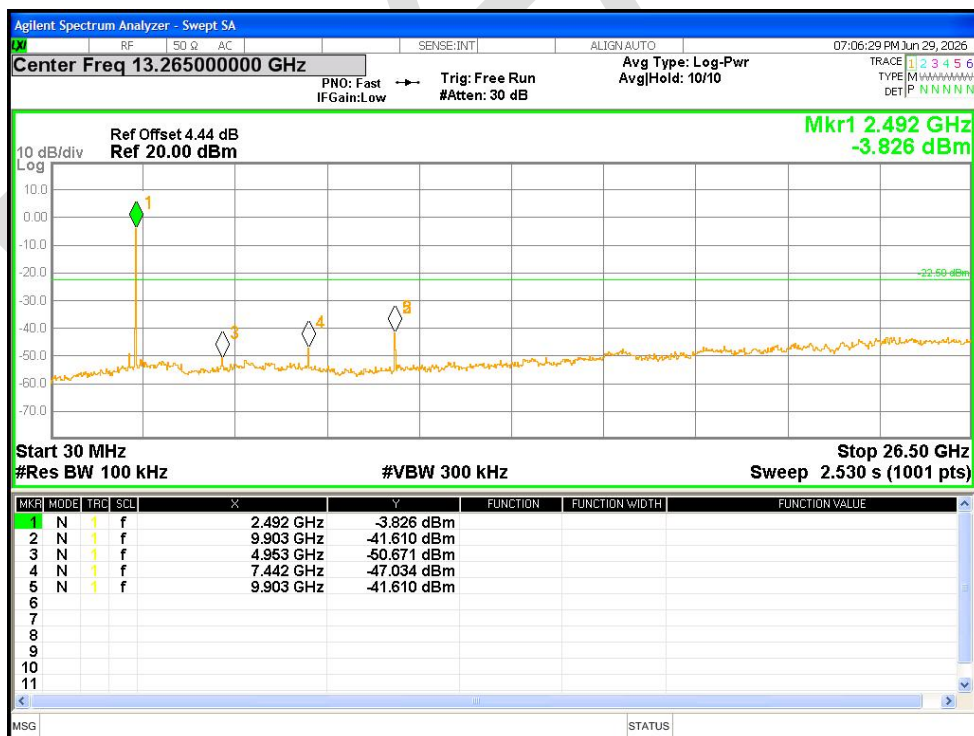
## Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Emission



## Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



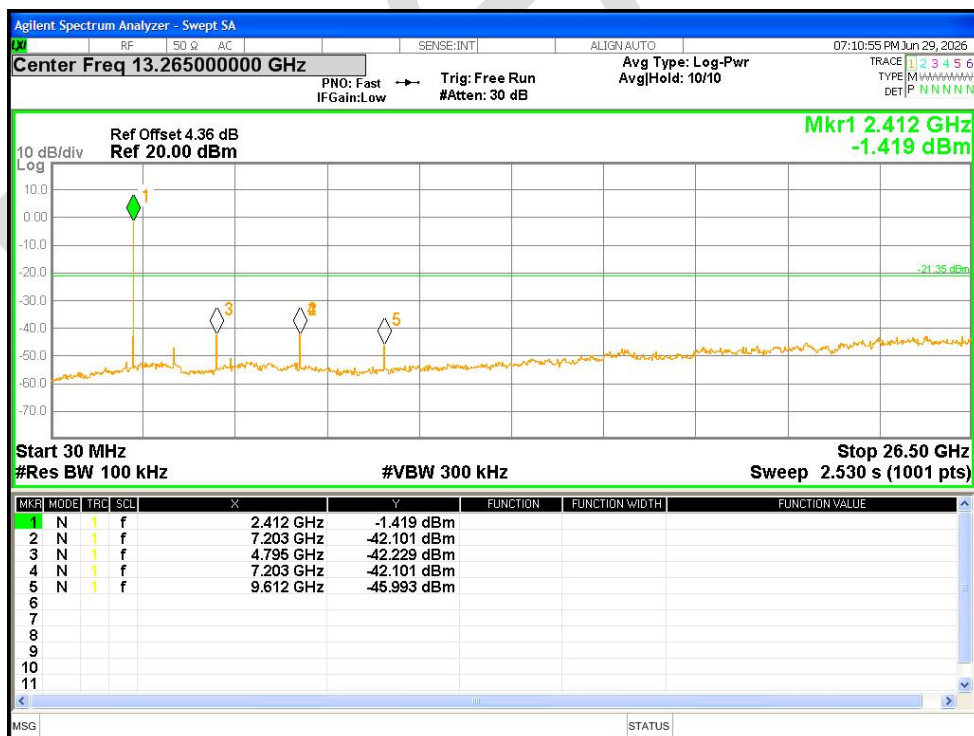
## Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission



## Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



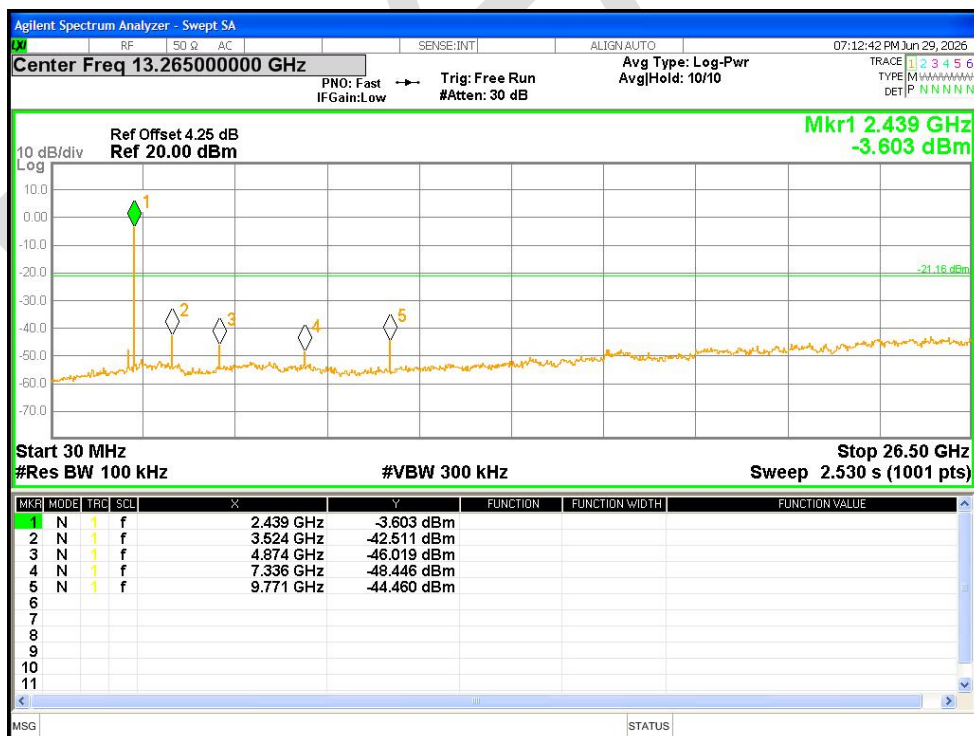
## Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission



## Tx. Spurious NVNT BLE 2M 2442MHz Ant1 Ref



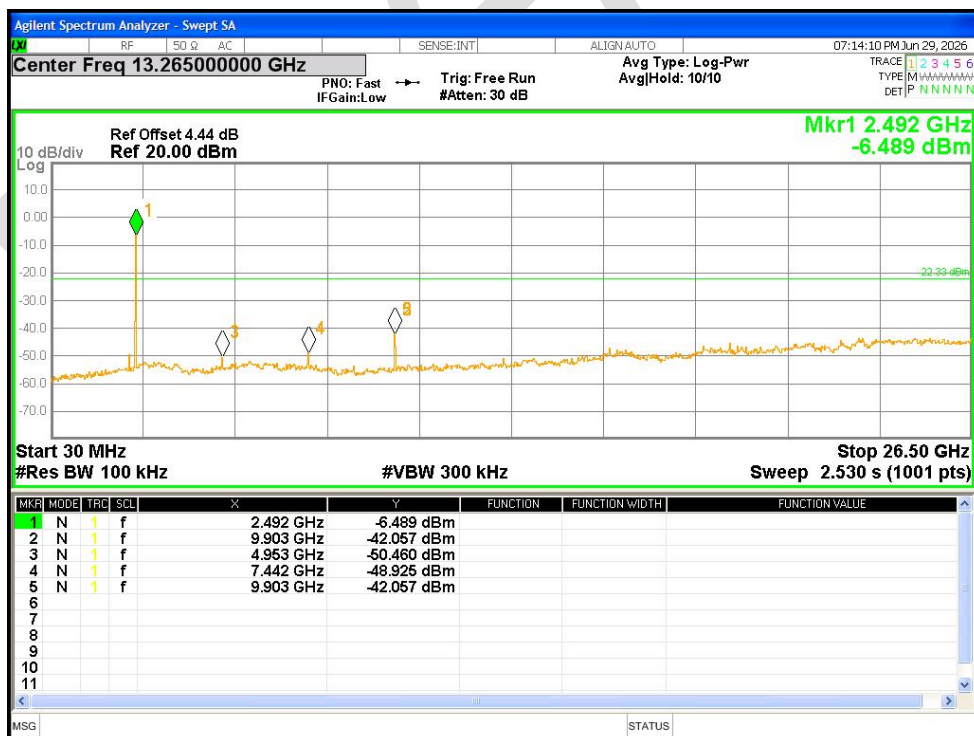
## Tx. Spurious NVNT BLE 2M 2442MHz Ant1 Emission



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



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

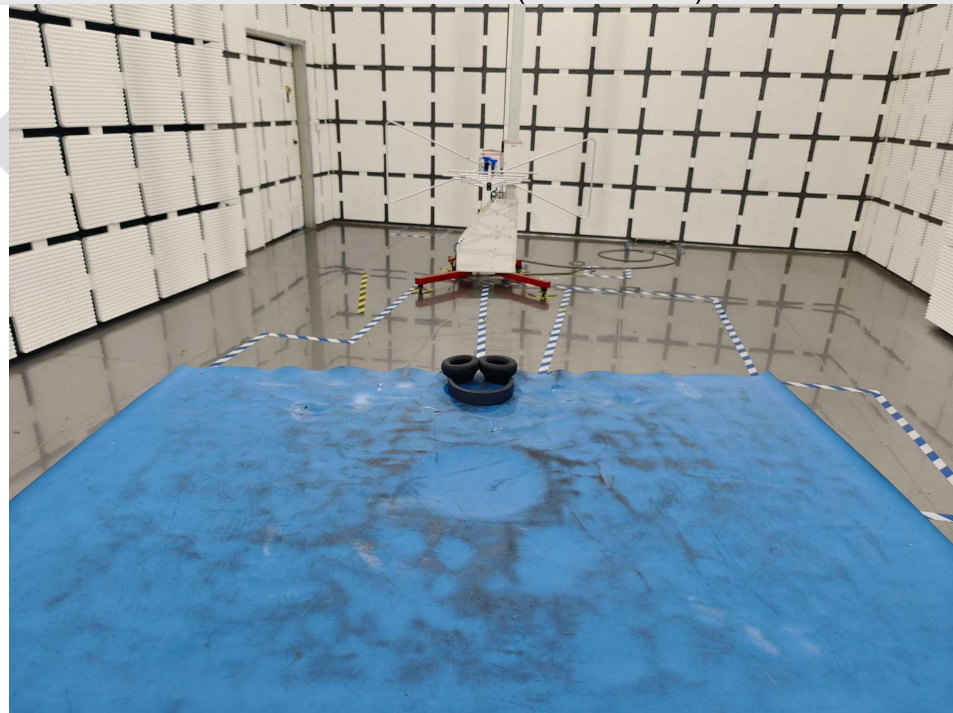


## Appendix B: photographs of test setup

Conducted emissions at AC power line (150kHz-30MHz)



Radiated Emissions (30MHz-1GHz)



Radiated Emissions (above 1GHz)



## Appendix C: photographs of EUT

Reference to the test report no. BLA-EMC-202606-A34-01

### ----END OF REPORT----

The test report is effective only with both signature and specialized stamp, the result(s) shown in this report refer only to the sample(s) tested. Without written approval of BlueAsia, this report can't be reproduced except in full.

BlueAsia