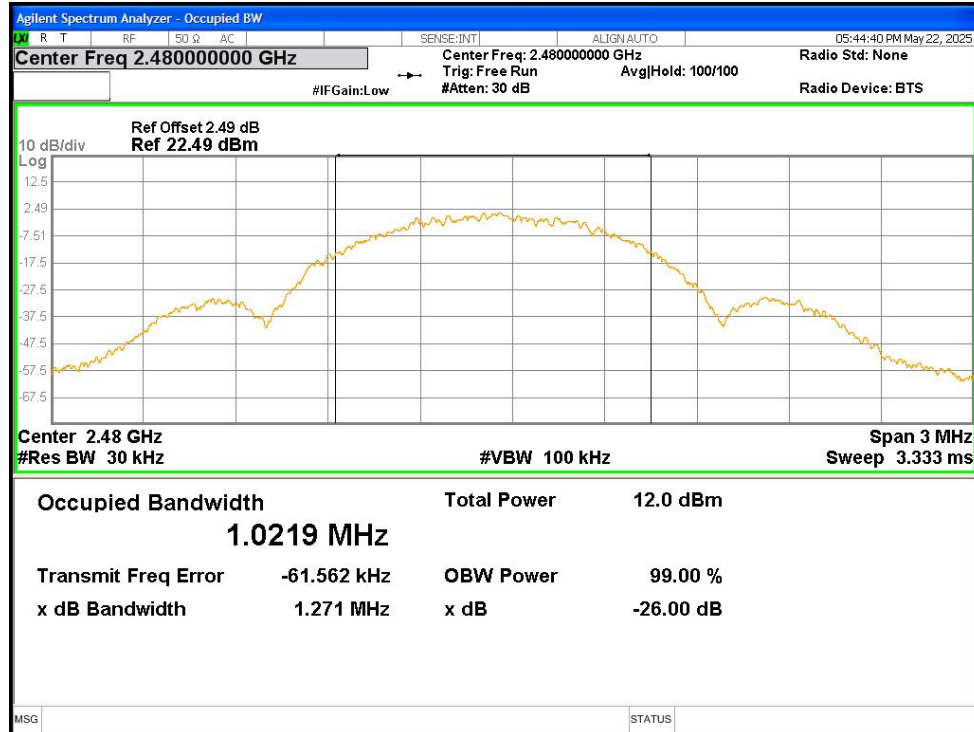
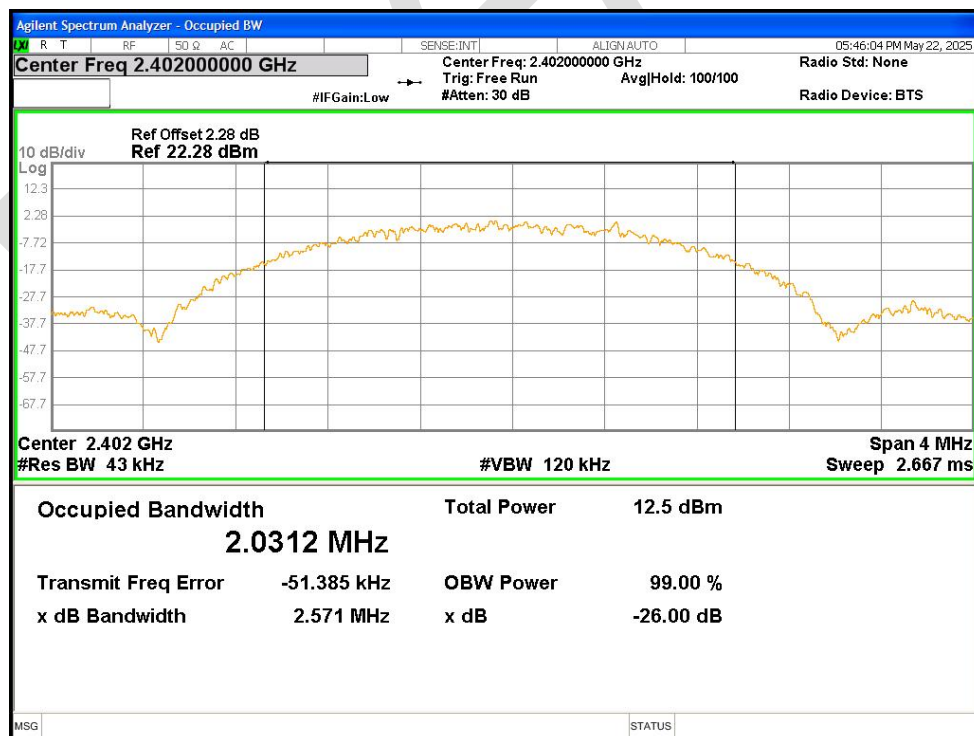


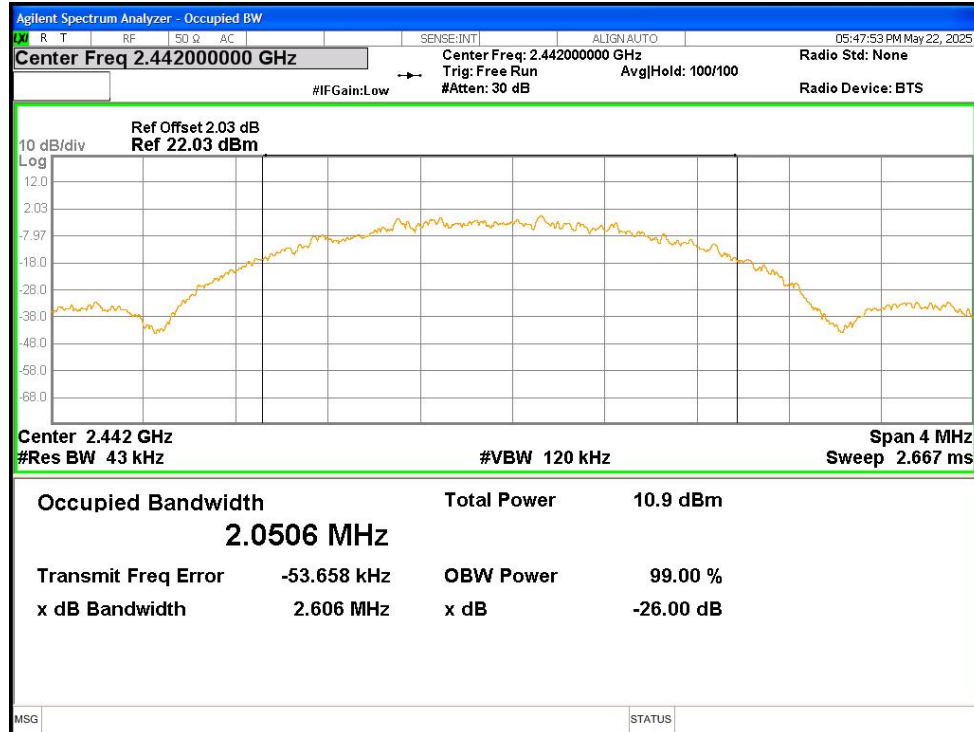
### OBW NVNT BLE 1M 2480MHz Ant1



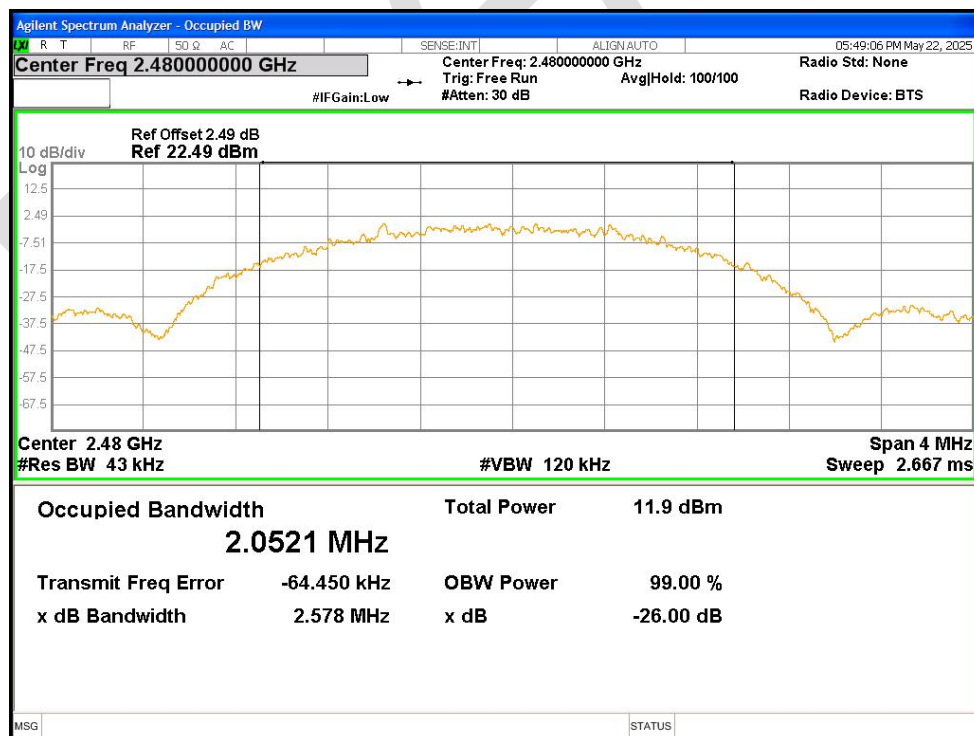
### OBW NVNT BLE 2M 2402MHz Ant1



### OBW NVNT BLE 2M 2442MHz Ant1



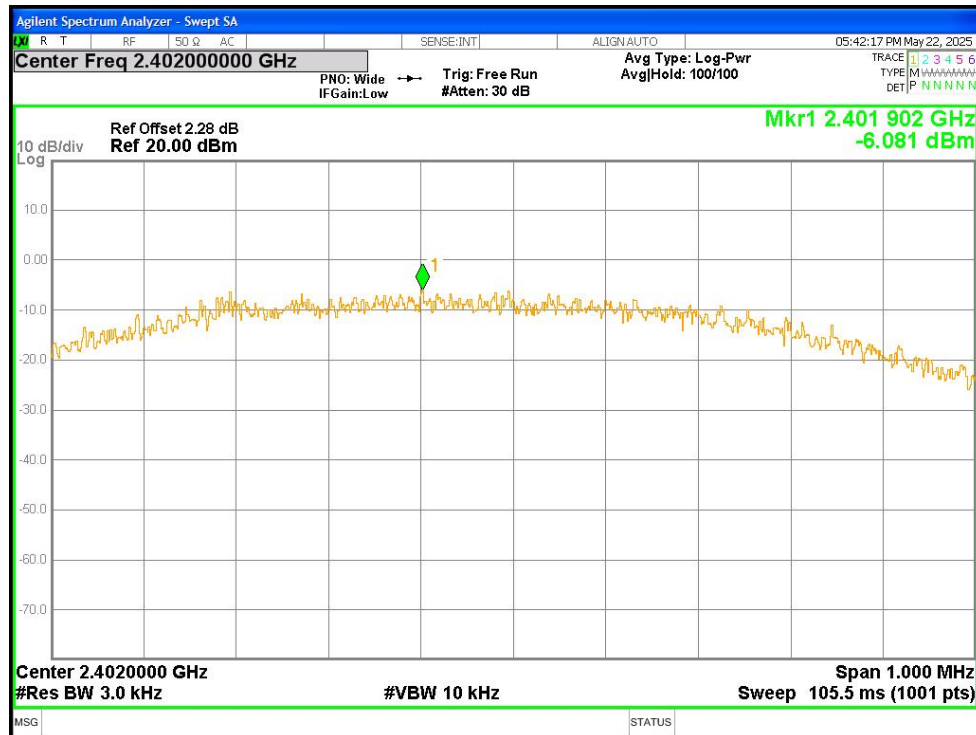
### OBW NVNT BLE 2M 2480MHz Ant1



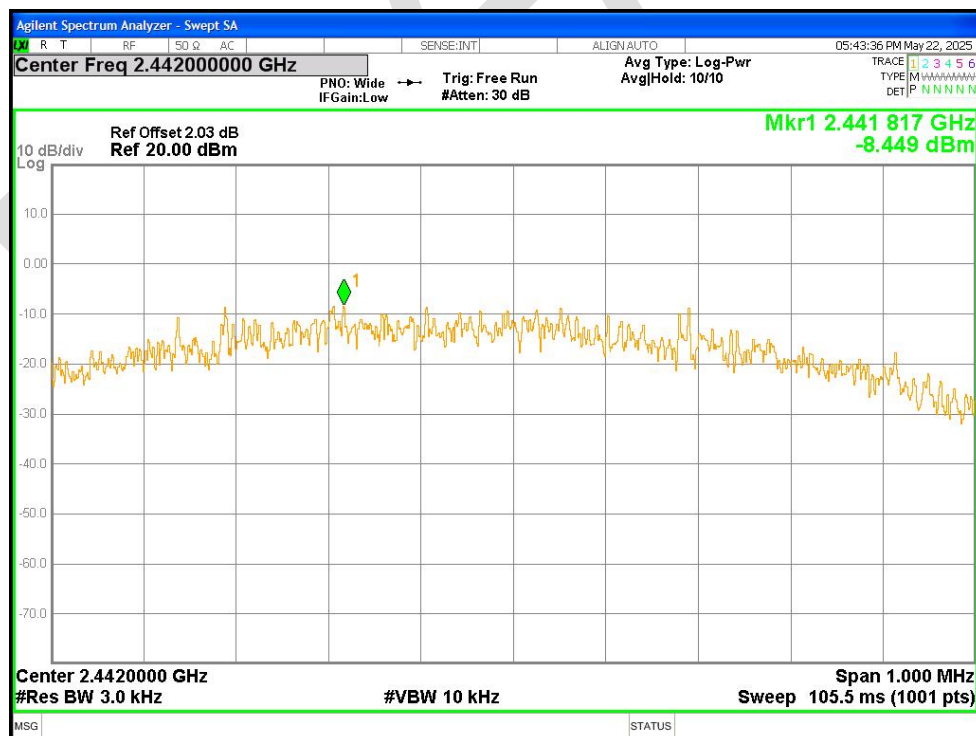
### 7.5 Maximum Power Spectral Density Level

| Condition | Mode   | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|--------|-----------------|---------|---------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -6.081        | 8           | Pass    |
| NVNT      | BLE 1M | 2442            | Ant1    | -8.449        | 8           | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -5.869        | 8           | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -9.044        | 8           | Pass    |
| NVNT      | BLE 2M | 2442            | Ant1    | -10.297       | 8           | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -8.977        | 8           | Pass    |

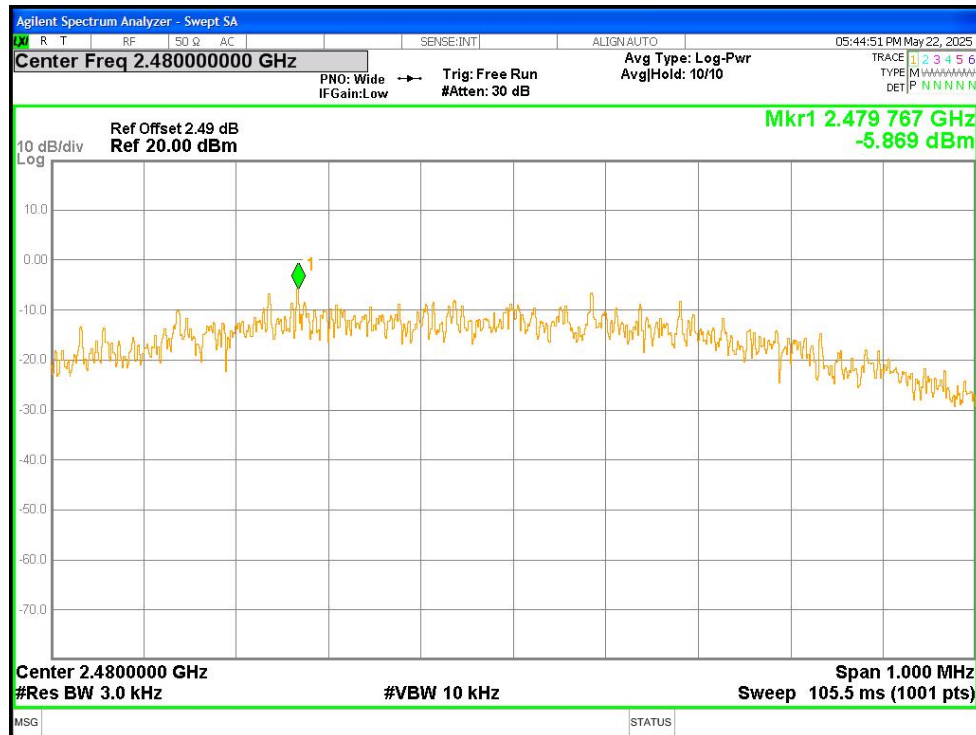
PSD NVNT BLE 1M 2402MHz Ant1



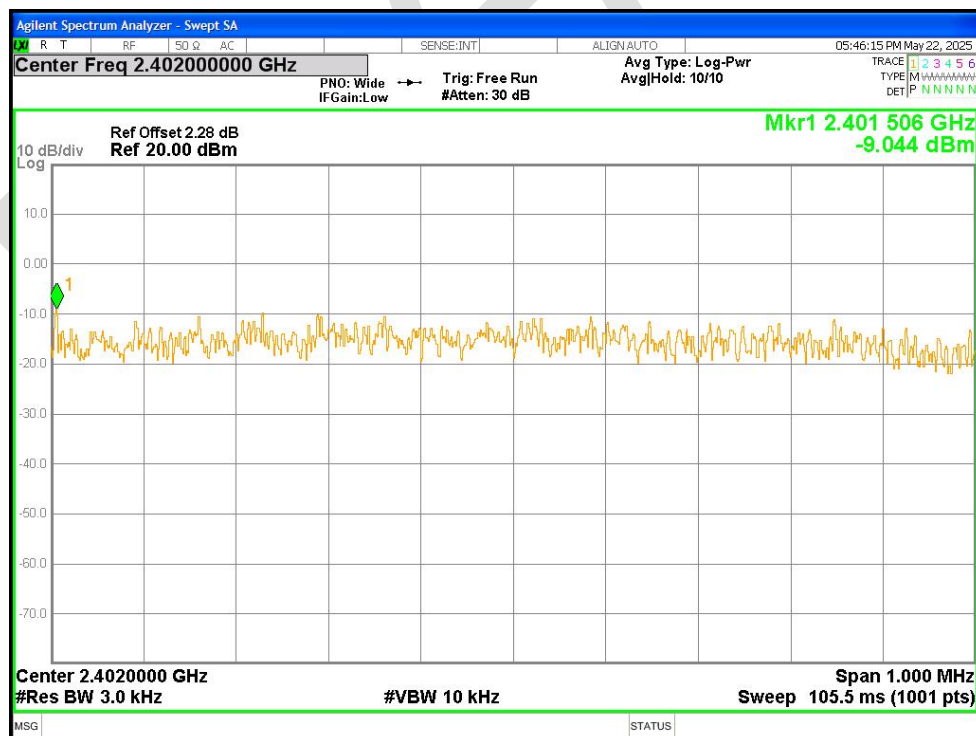
PSD NVNT BLE 1M 2442MHz Ant1



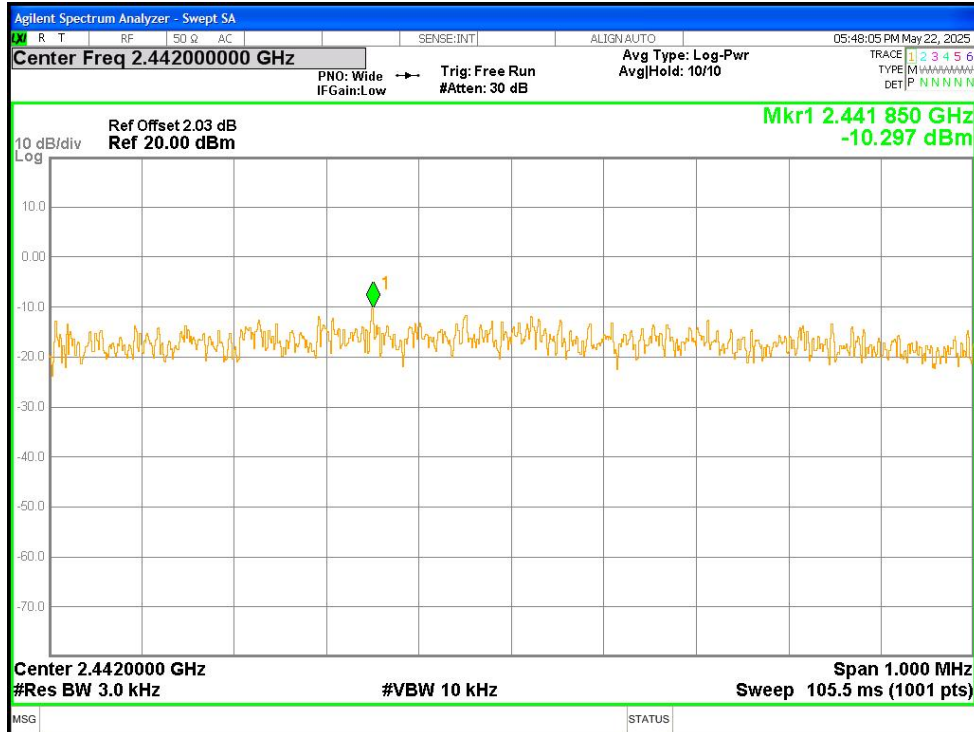
### PSD NVNT BLE 1M 2480MHz Ant1



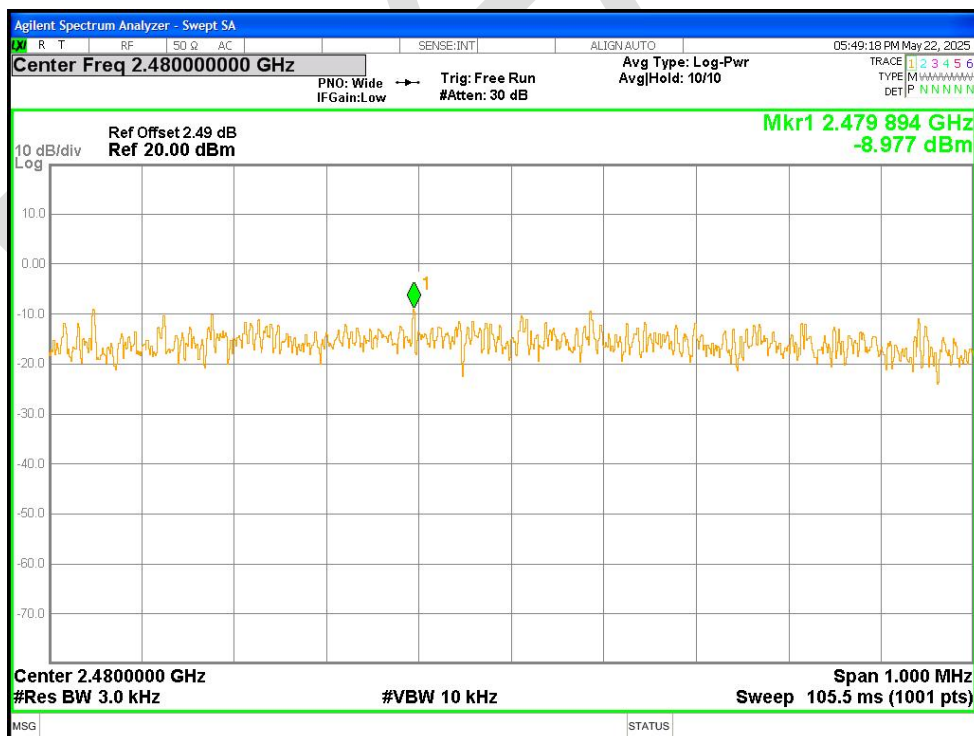
### PSD NVNT BLE 2M 2402MHz Ant1



PSD NVNT BLE 2M 2442MHz Ant1



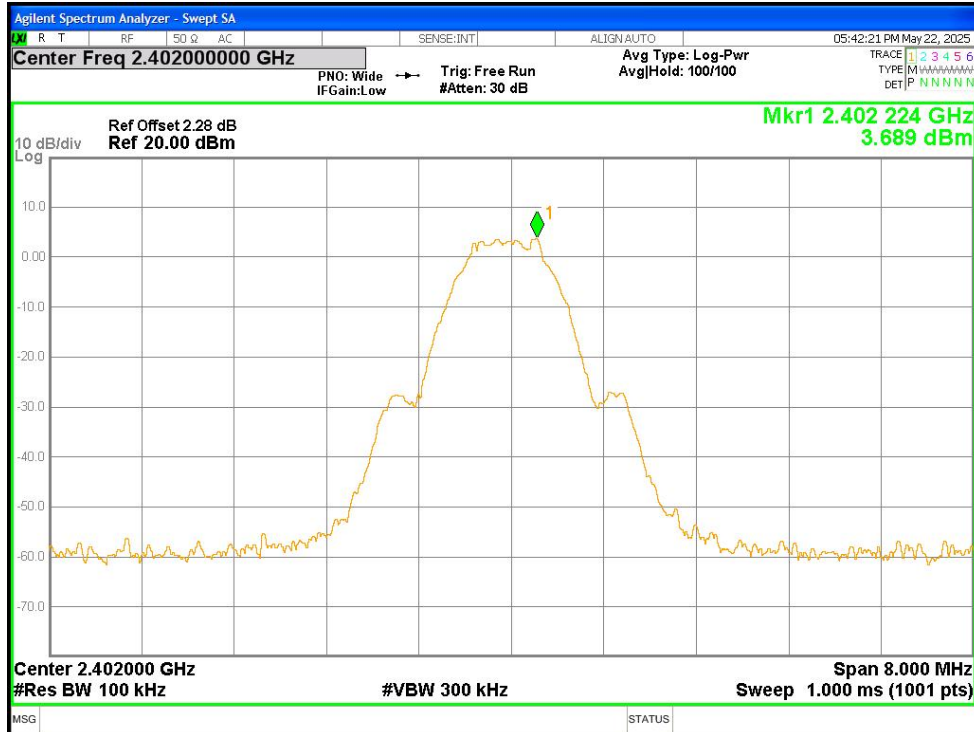
PSD NVNT BLE 2M 2480MHz Ant1



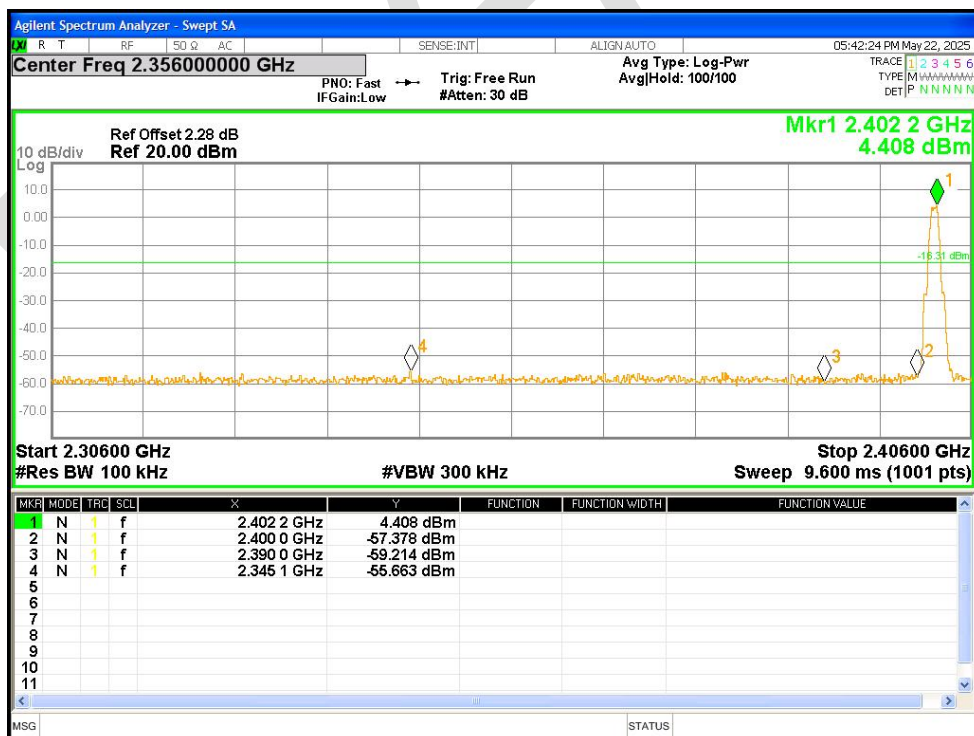
## 7.6 Band Edge

| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -59.35          | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -59.27          | -20         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -58.2           | -20         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -57.21          | -20         | Pass    |

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



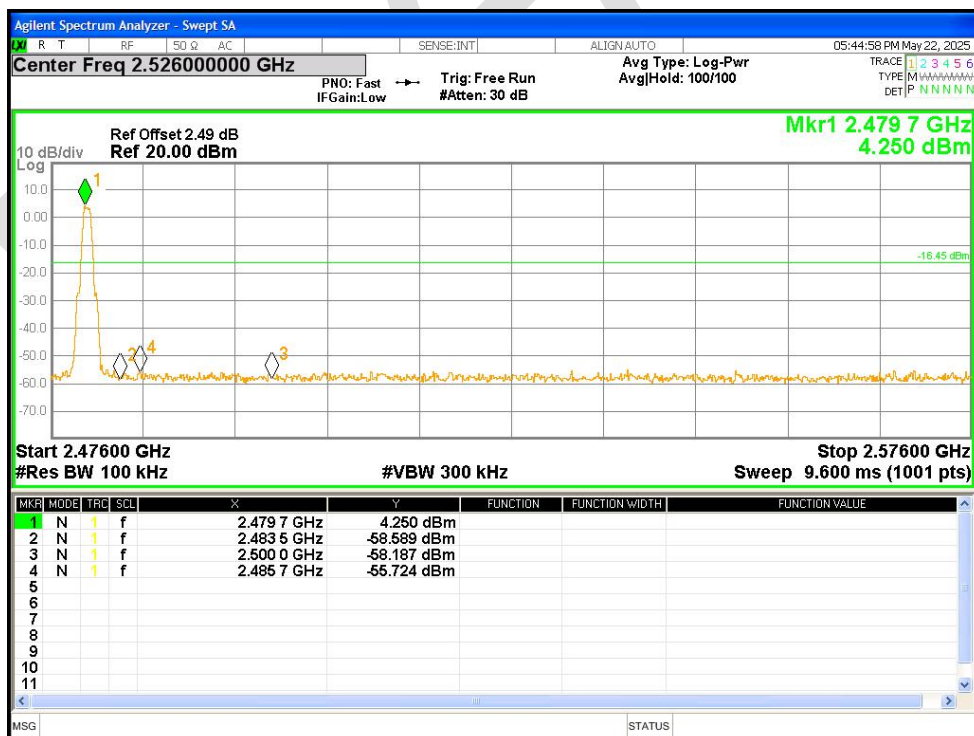
### Band Edge NVNT BLE 1M 2402MHz Ant1 Emission



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



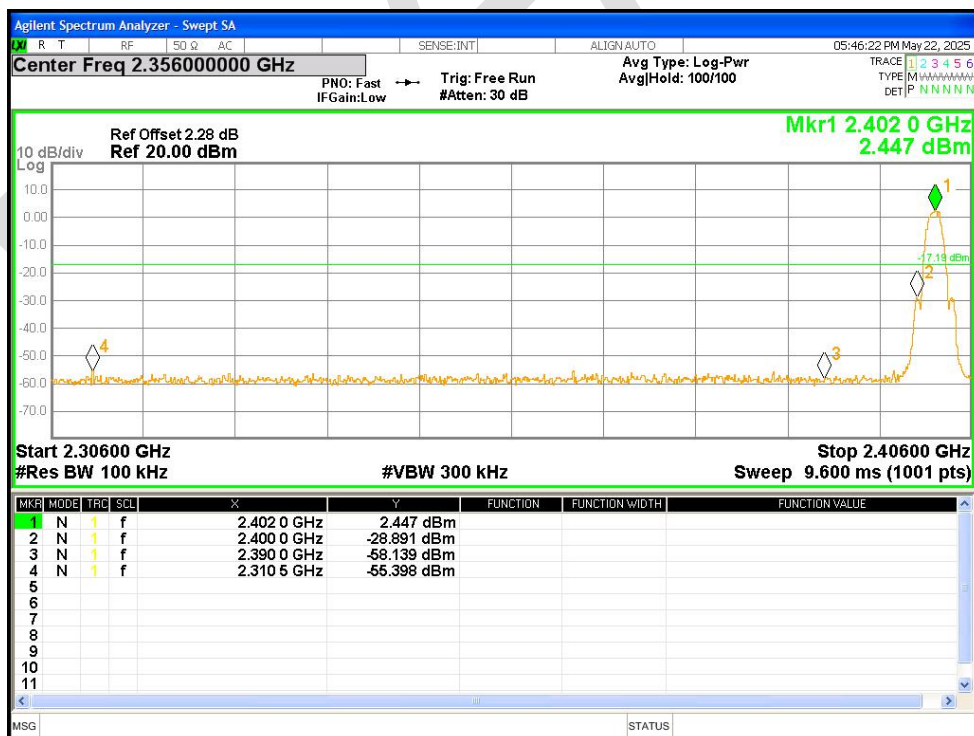
### Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



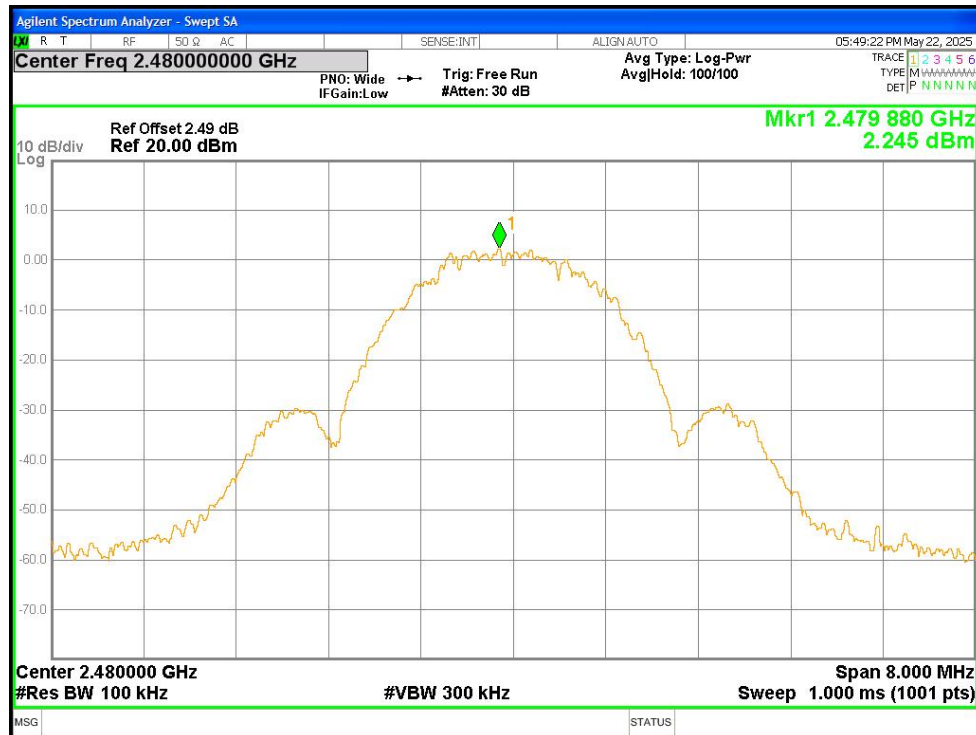
### Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



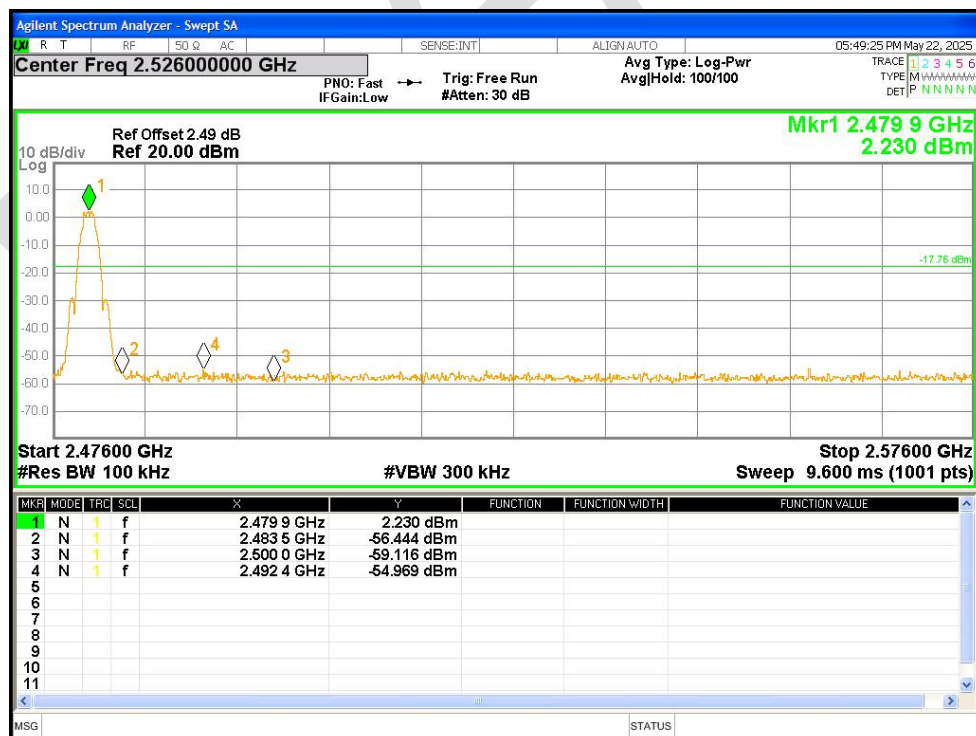
### Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



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



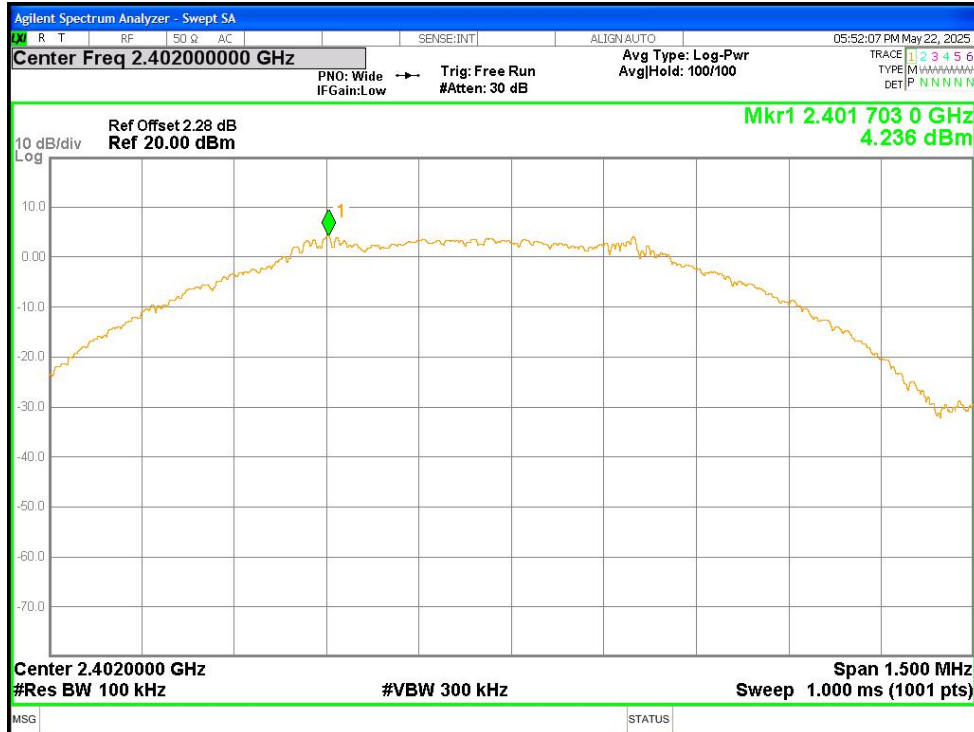
### Band Edge NVNT BLE 2M 2480MHz Ant1 Emission



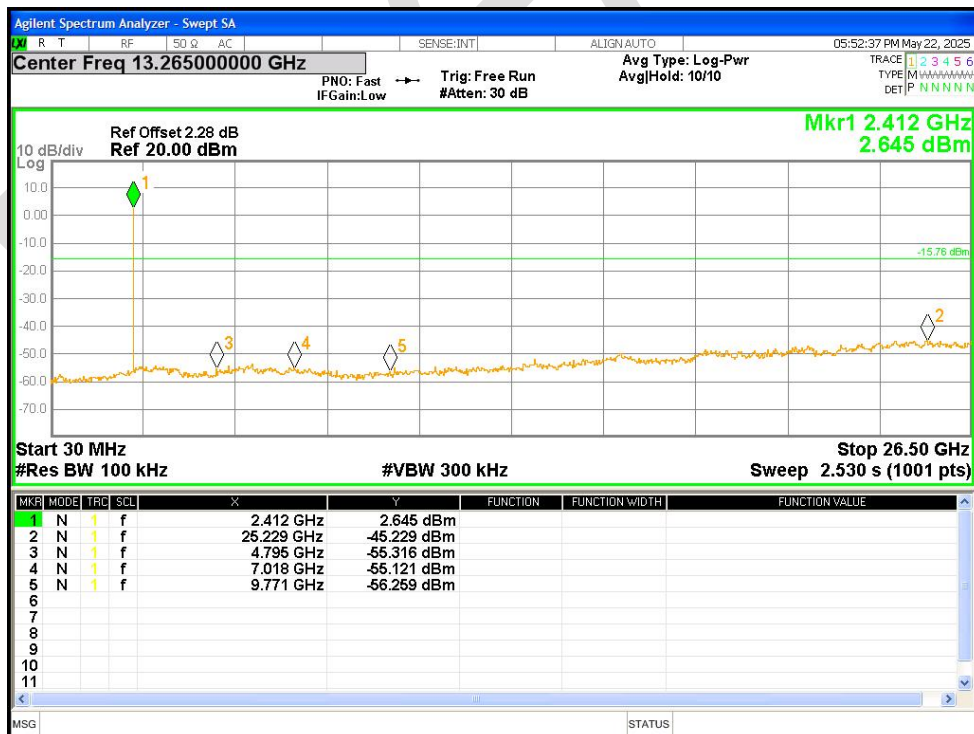
## 7.7 Conducted RF Spurious Emission

| Condition | Mode   | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|--------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE 1M | 2402            | Ant1    | -49.46          | -20         | Pass    |
| NVNT      | BLE 1M | 2442            | Ant1    | -47             | -20         | Pass    |
| NVNT      | BLE 1M | 2480            | Ant1    | -48.36          | -20         | Pass    |
| NVNT      | BLE 2M | 2402            | Ant1    | -48.05          | -20         | Pass    |
| NVNT      | BLE 2M | 2442            | Ant1    | -47.29          | -20         | Pass    |
| NVNT      | BLE 2M | 2480            | Ant1    | -47.05          | -20         | Pass    |

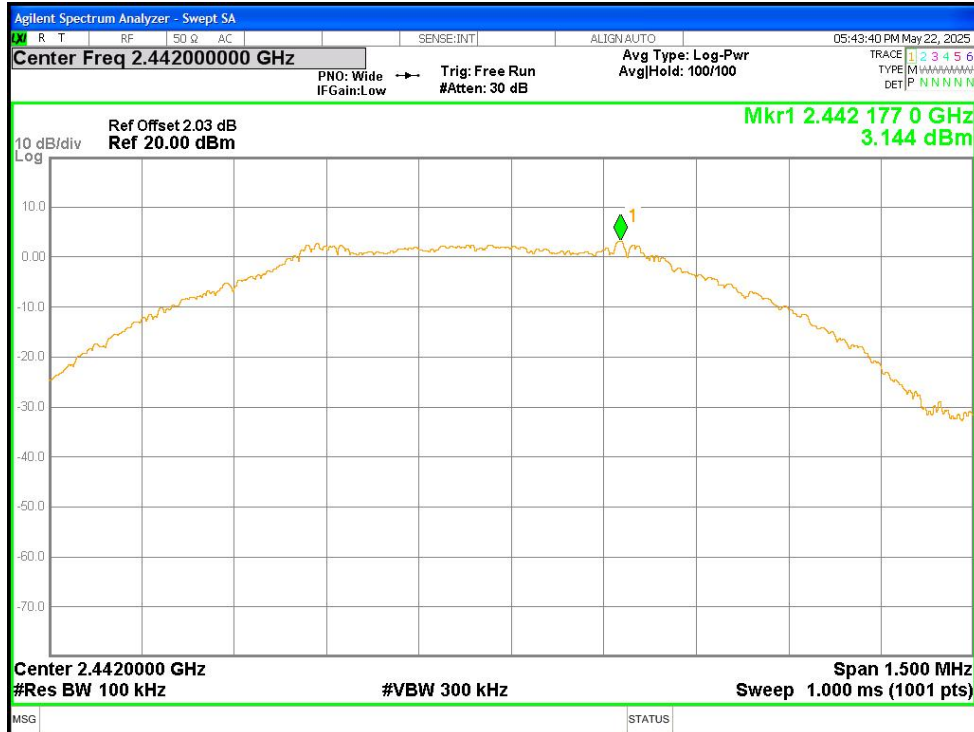
## Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



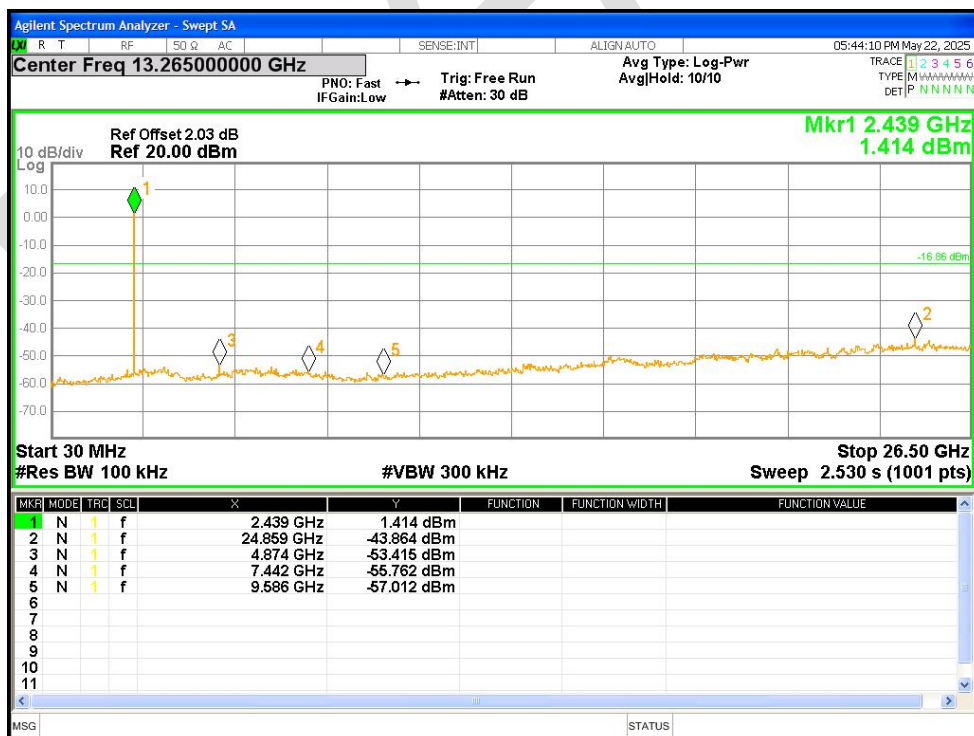
## Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



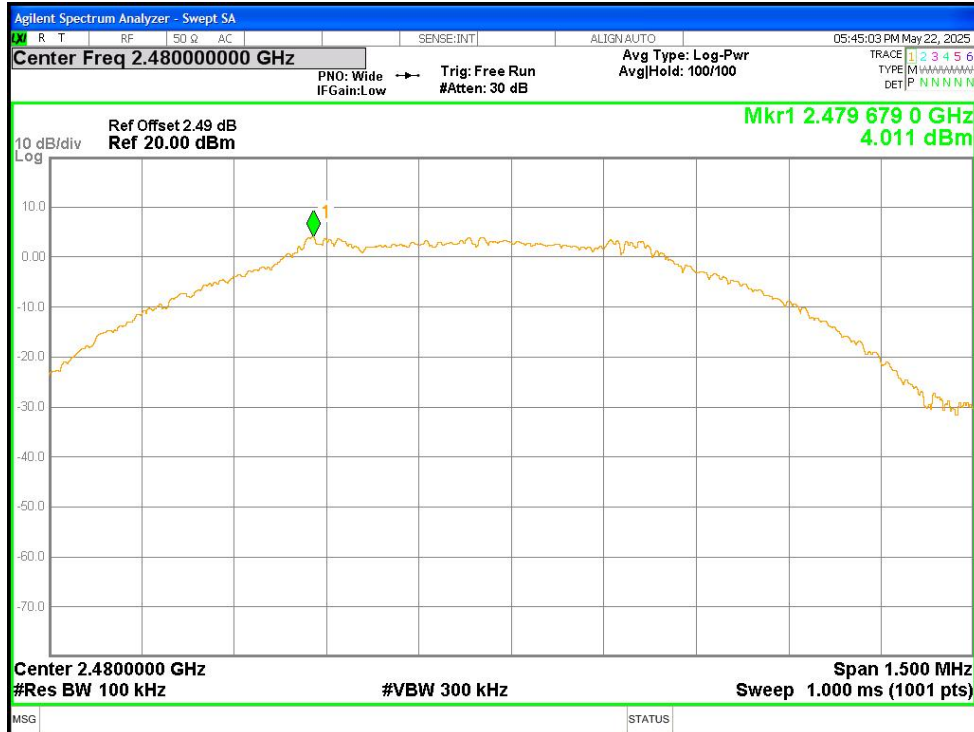
## Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Ref



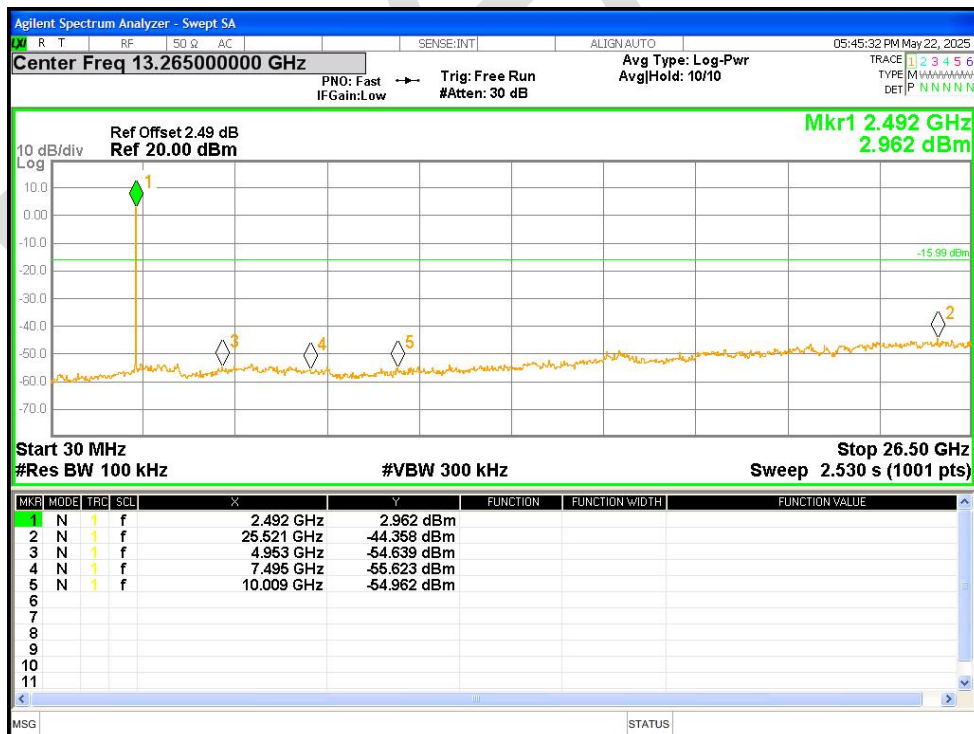
## Tx. Spurious NVNT BLE 1M 2442MHz Ant1 Emission



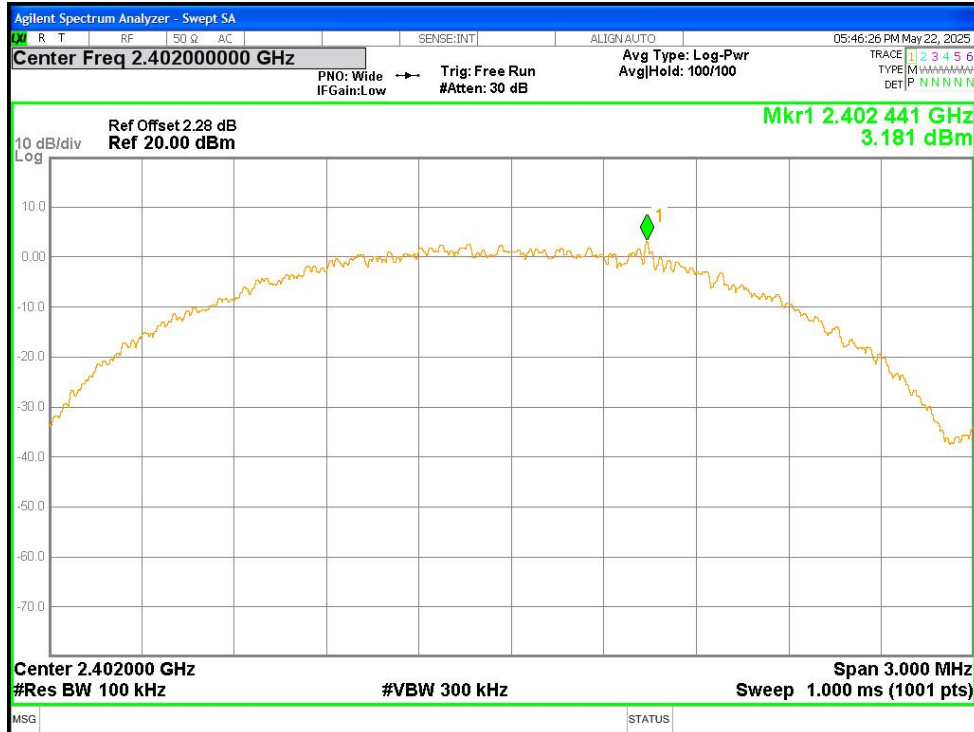
## Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



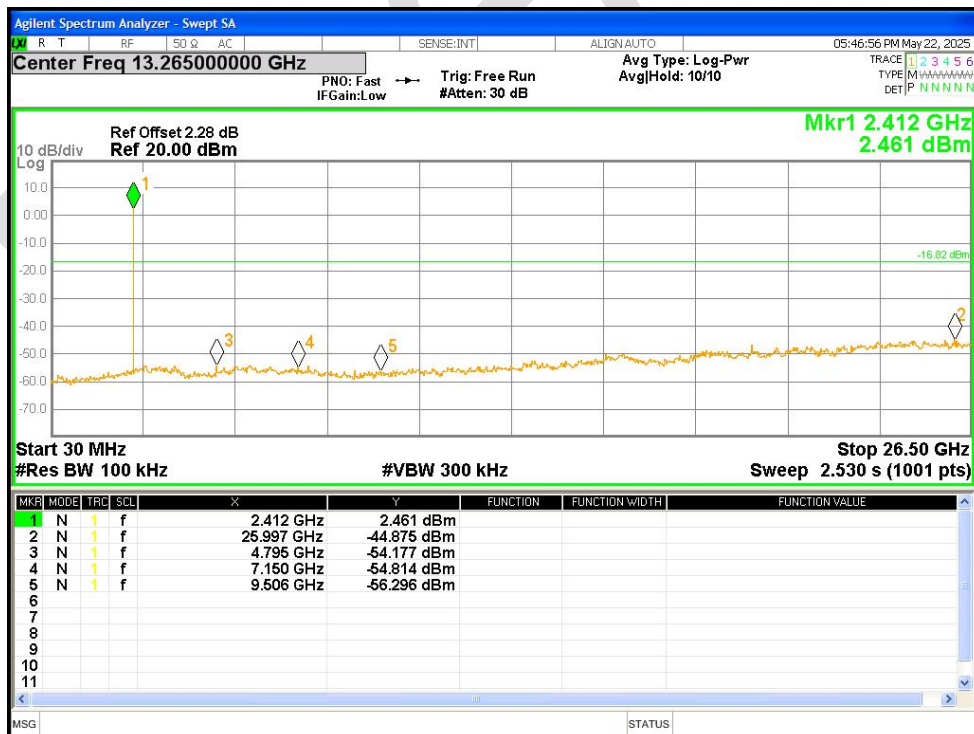
## Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission



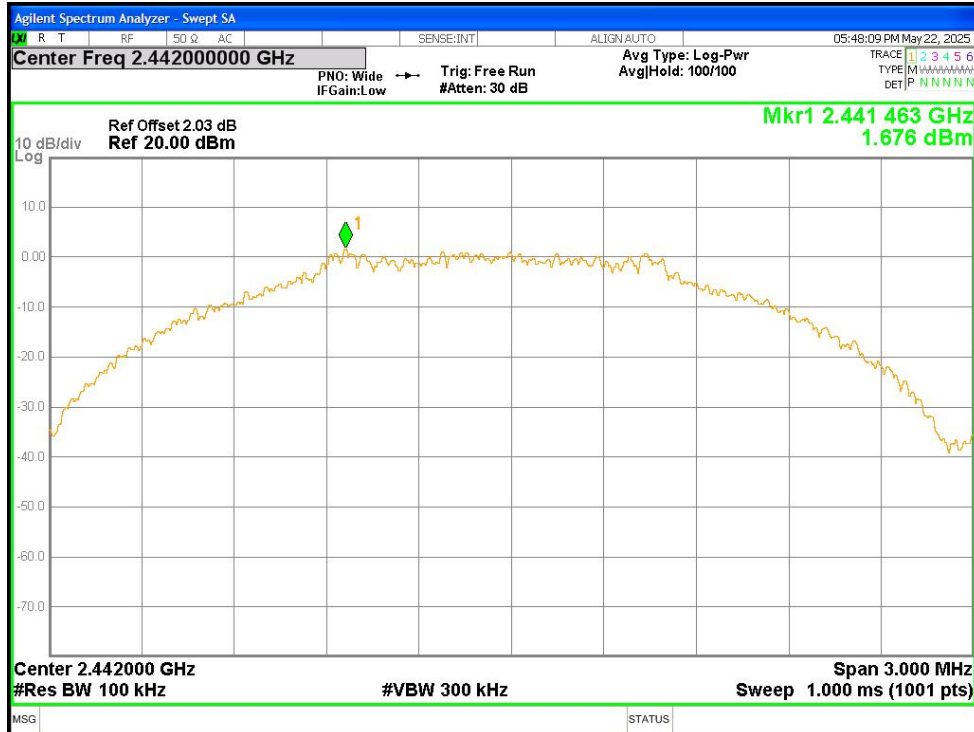
## Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



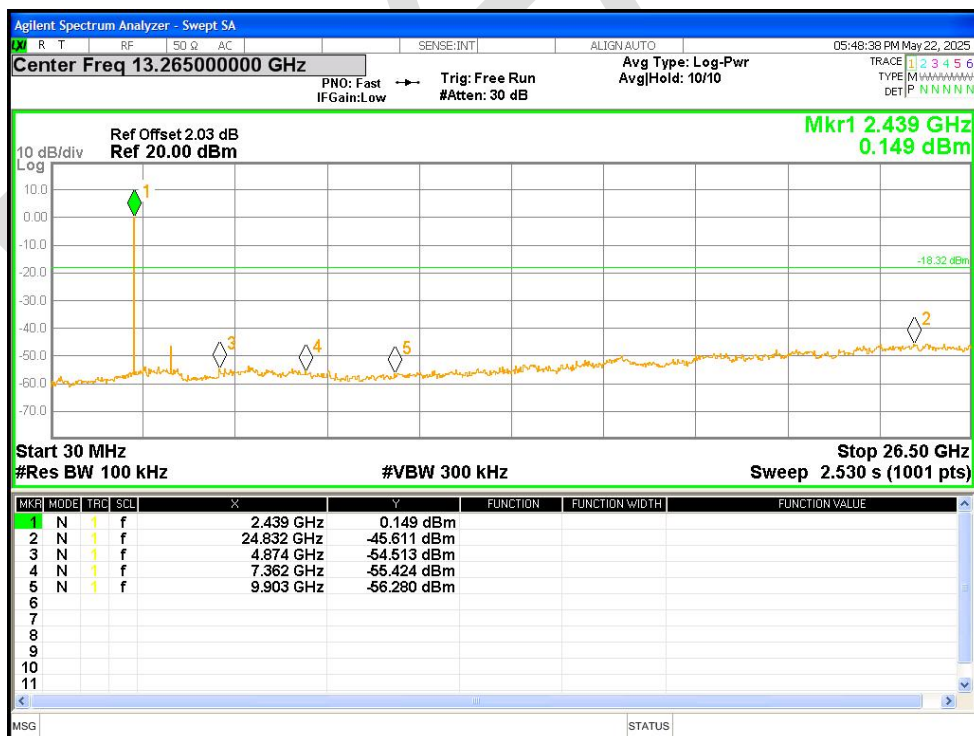
## Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission



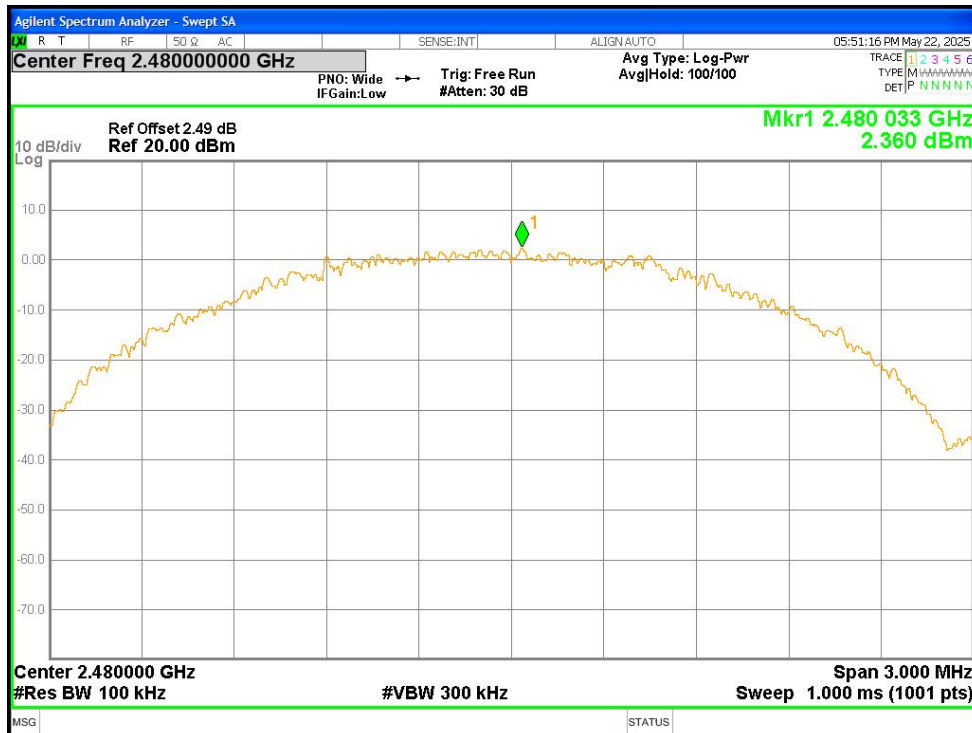
## Tx. Spurious NVNT BLE 2M 2442MHz Ant1 Ref



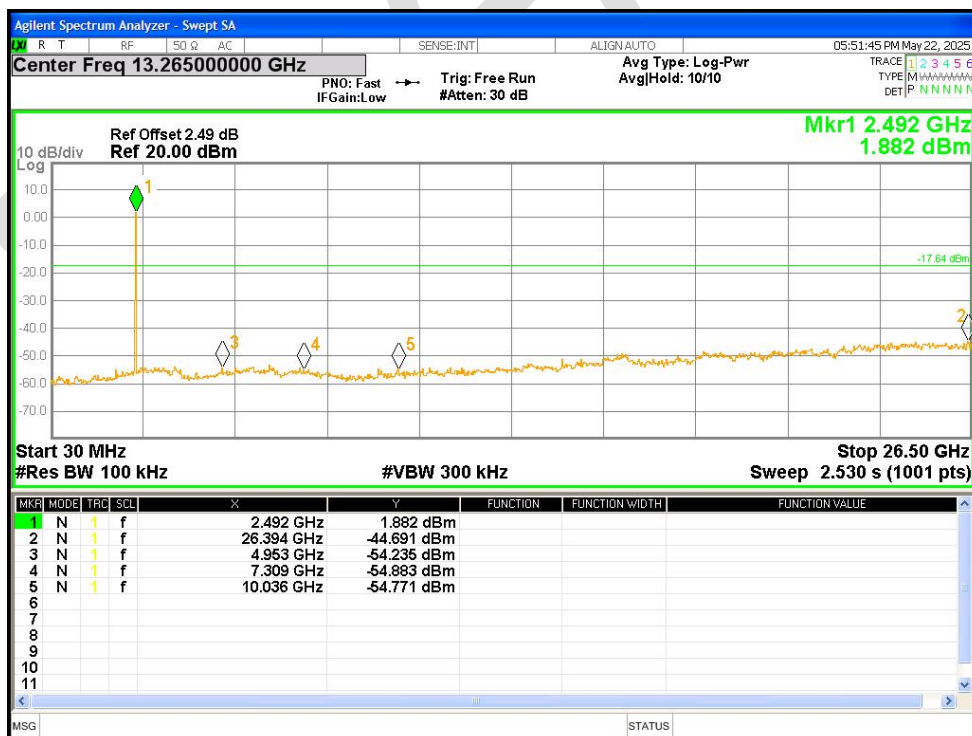
## Tx. Spurious NVNT BLE 2M 2442MHz Ant1 Emission



## 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)

DRSB 10R LS40 G1 FSK MS

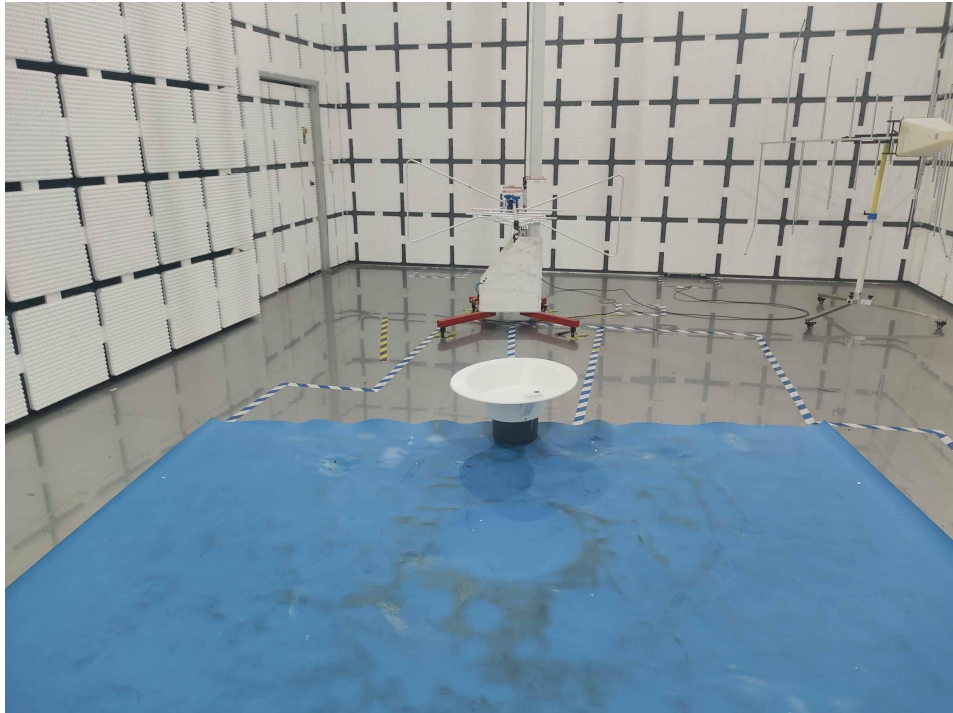


DRSB 4R LS11 G1 FSK

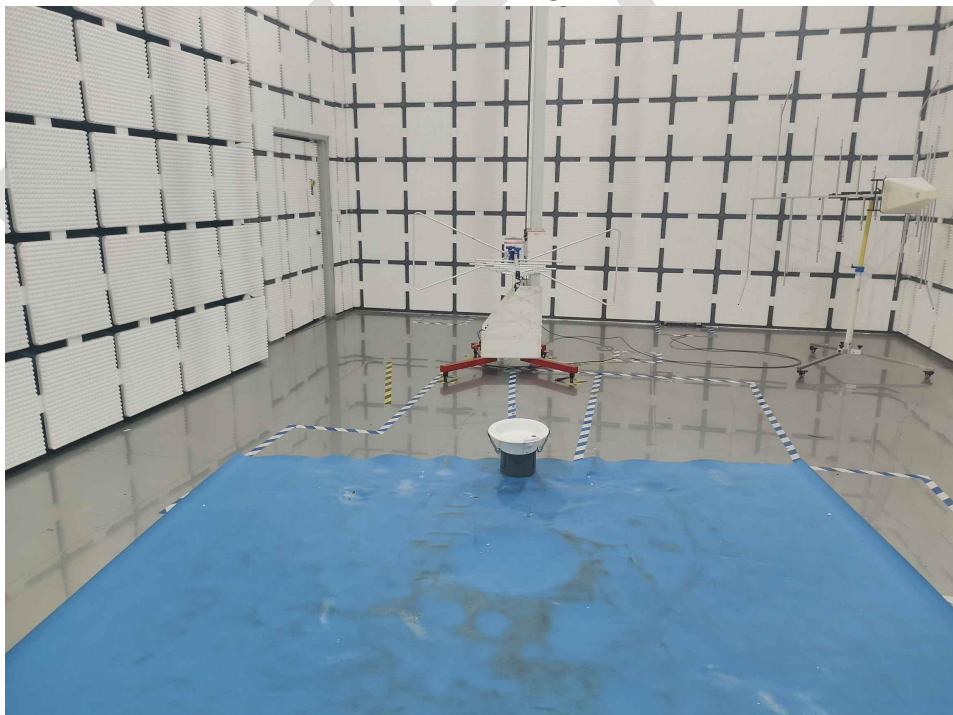


Radiated Emissions (30MHz-1GHz)

DRSB 10R LS40 G1 FSK MS



DRSB 4R LS11 G1 FSK



Radiated Emissions (above 1GHz)

DRSB 10R LS40 G1 FSK MS



DRSB 4R LS11 G1 FSK



## Appendix C: photographs of EUT

Reference to the test report no. BLA-EMC-202504-A9301

**----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