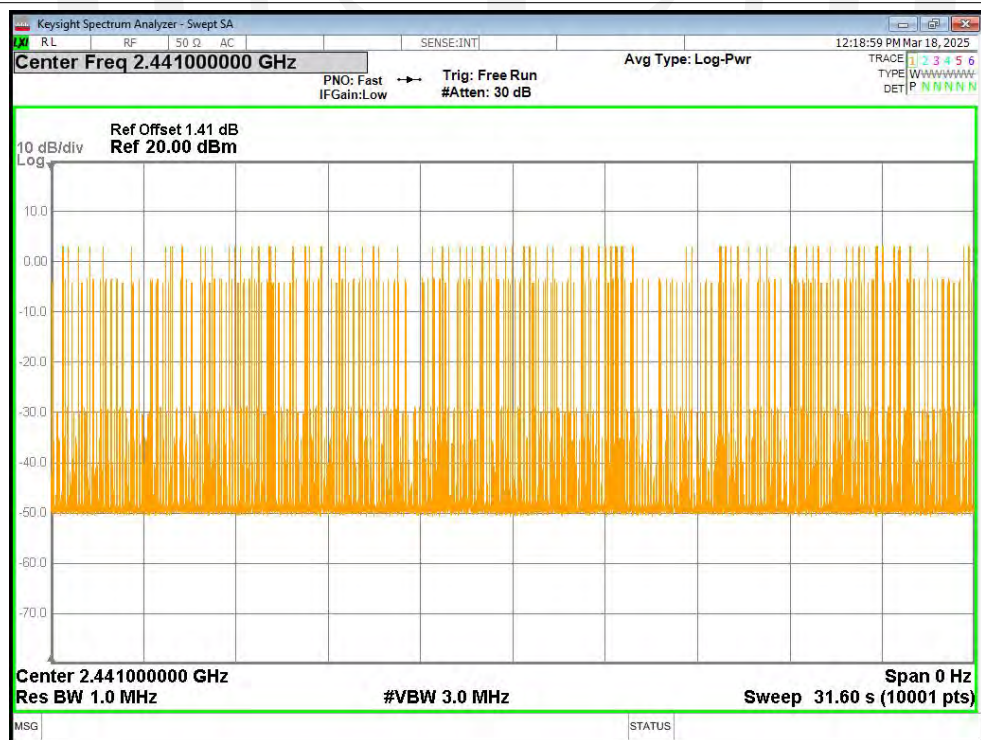


Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated



## 8. Out-of-band Emissions

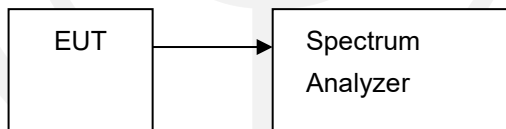
### 8.1. Test Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in FCC Part 15.209(a) is not required. Please refer section RSS-GEN&15.247.

### 8.2. Test Procedure

Connect the transmitter output to spectrum analyzer using a low loss RF cable, and set the spectrum analyzer to RBW=100 kHz, VBW= 300 kHz, peak detector, and max hold. Measurements utilizing these settings are made of the in-band reference level, band edge and out-of-band emissions.

### 8.3. Test Setup



### 8.4. Test Results

PASS.

The test results are listed in next pages.

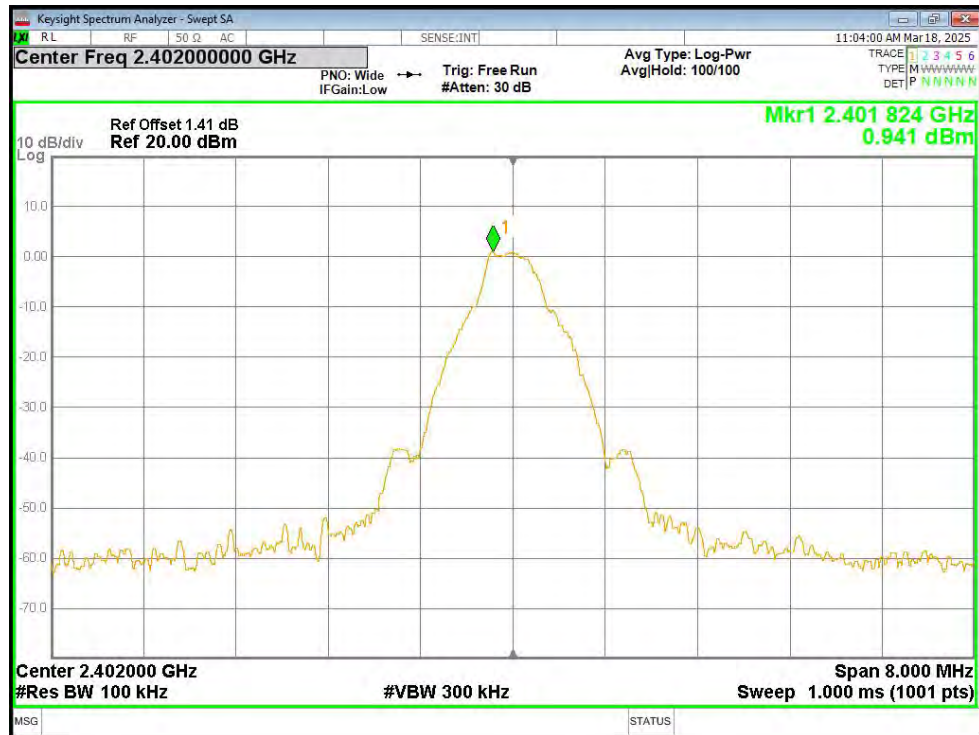
**Band Edge: Pass**

| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | No-Hopping   | -56.32          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | No-Hopping   | -59.93          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | No-Hopping   | -54.64          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | No-Hopping   | -59.71          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | No-Hopping   | -53.48          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | No-Hopping   | -59.77          | -20         | Pass    |

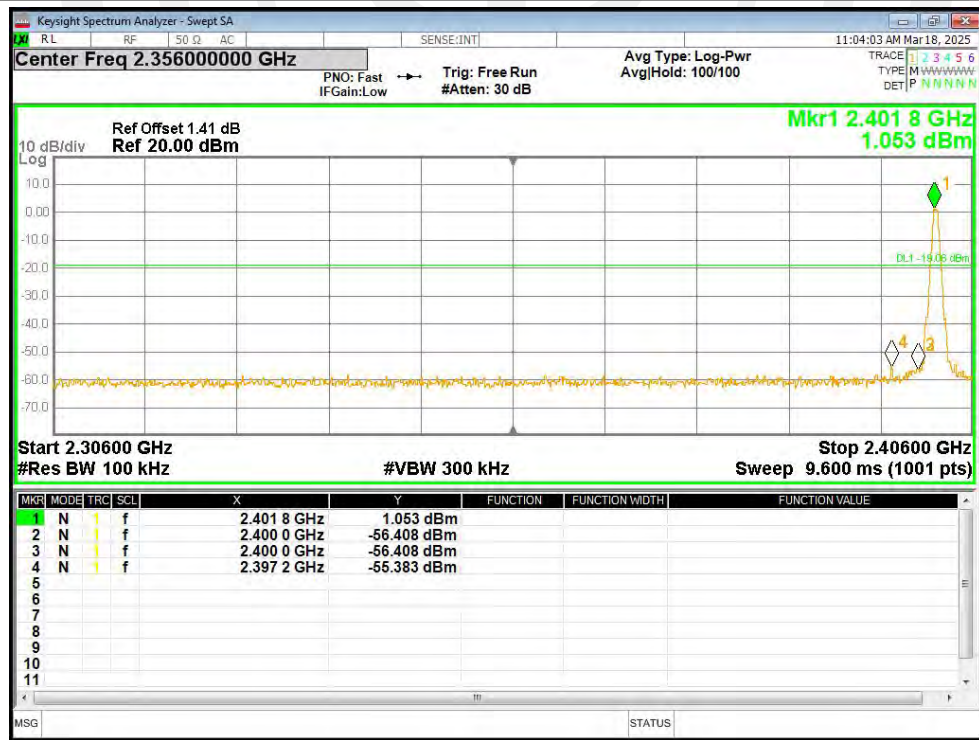


## Test Graphs

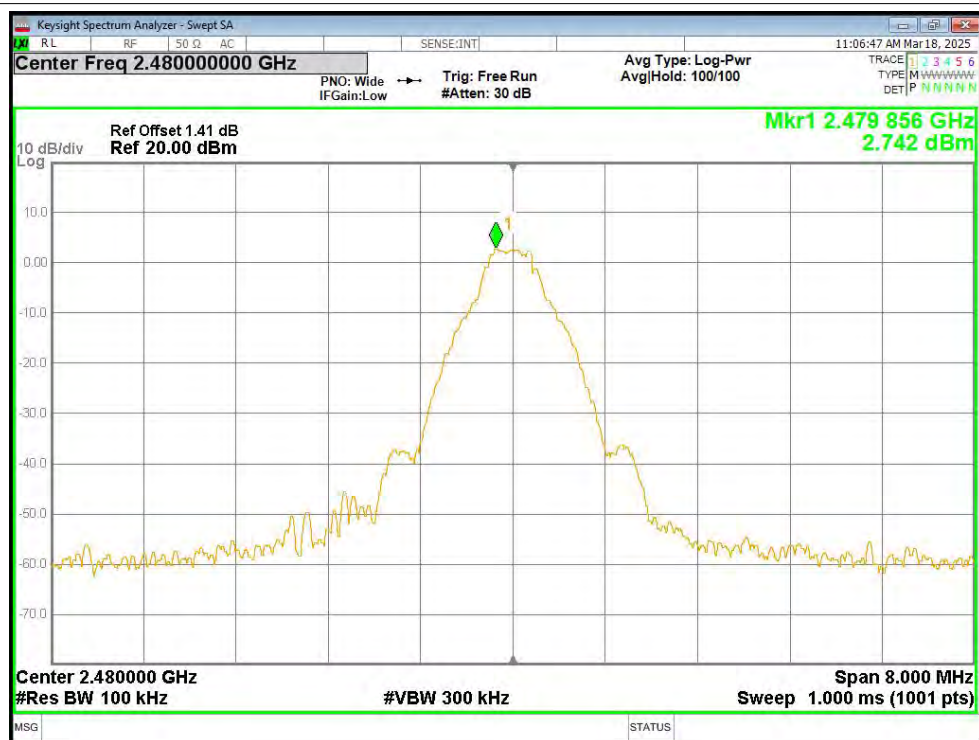
## Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



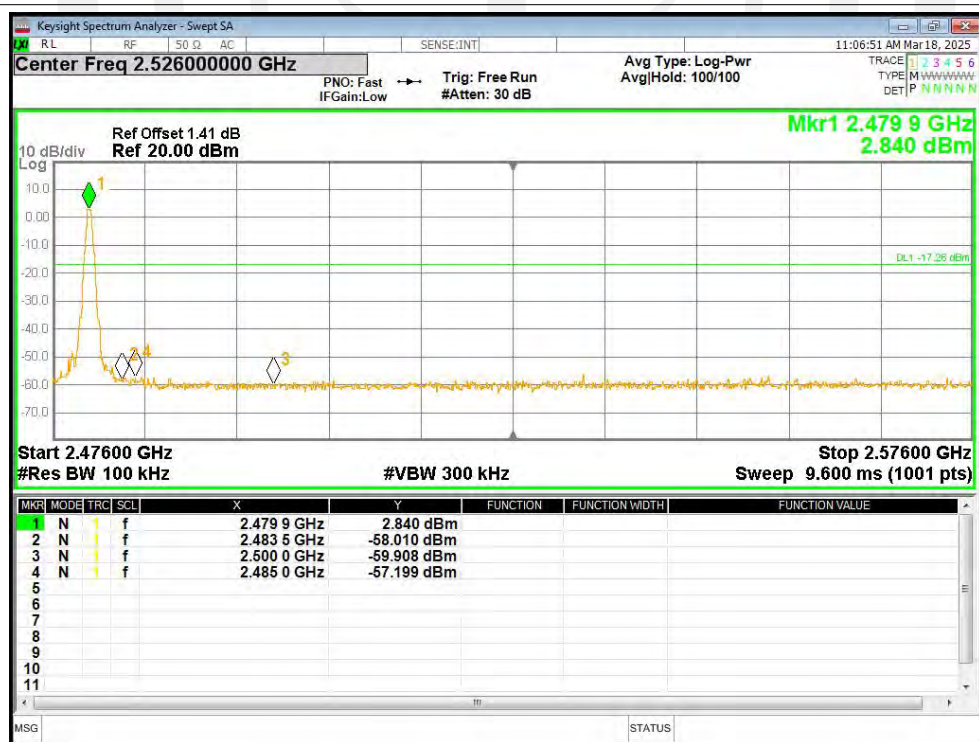
## Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

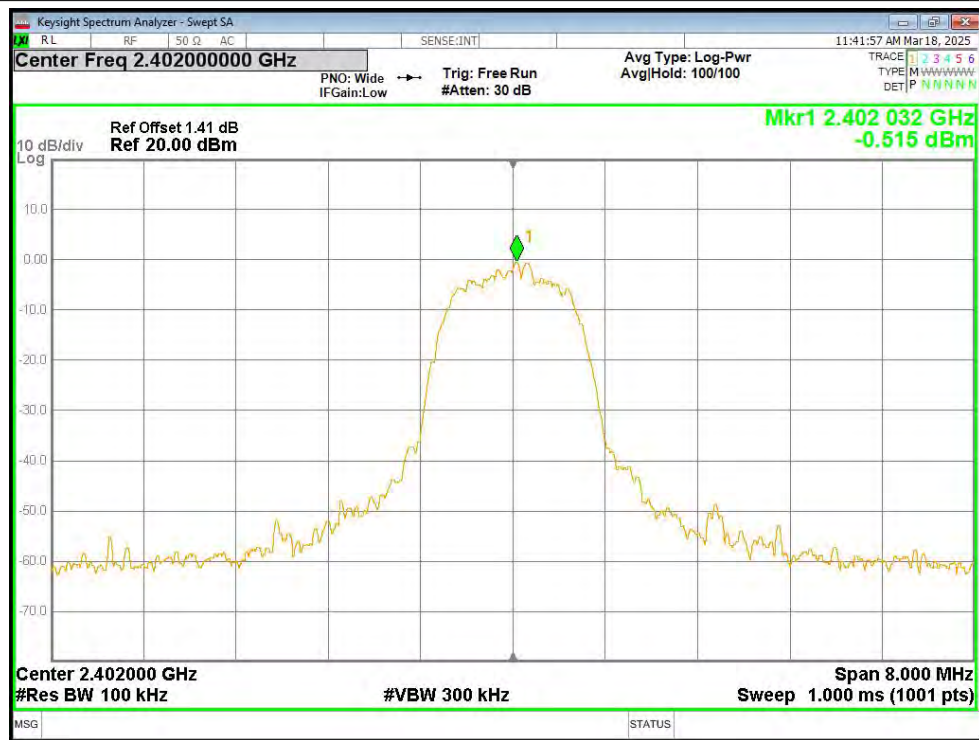


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

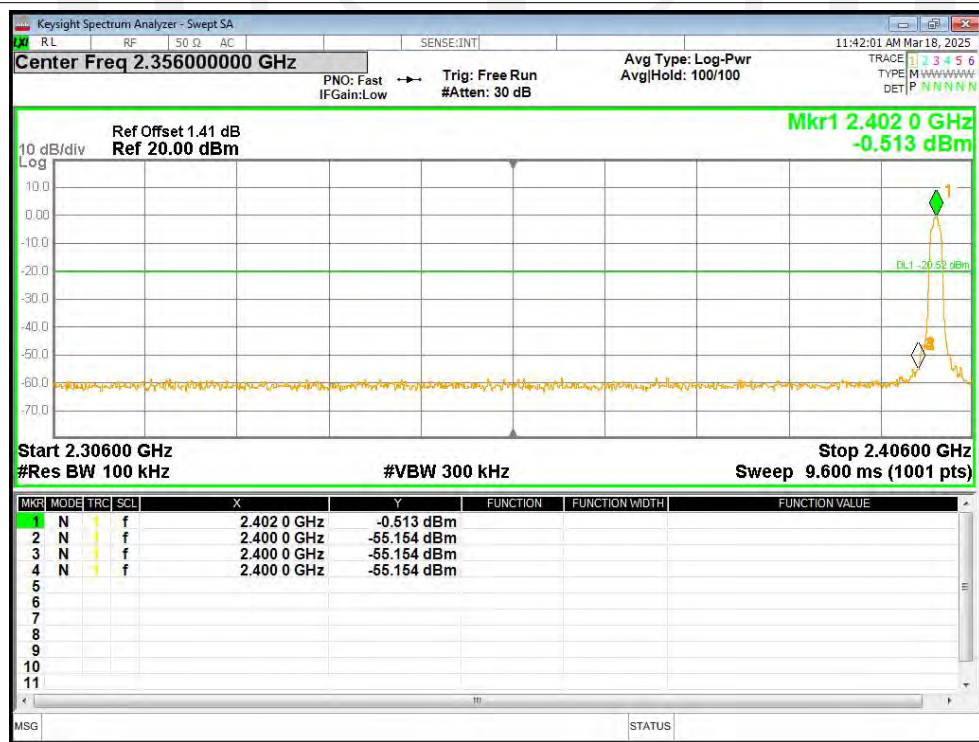




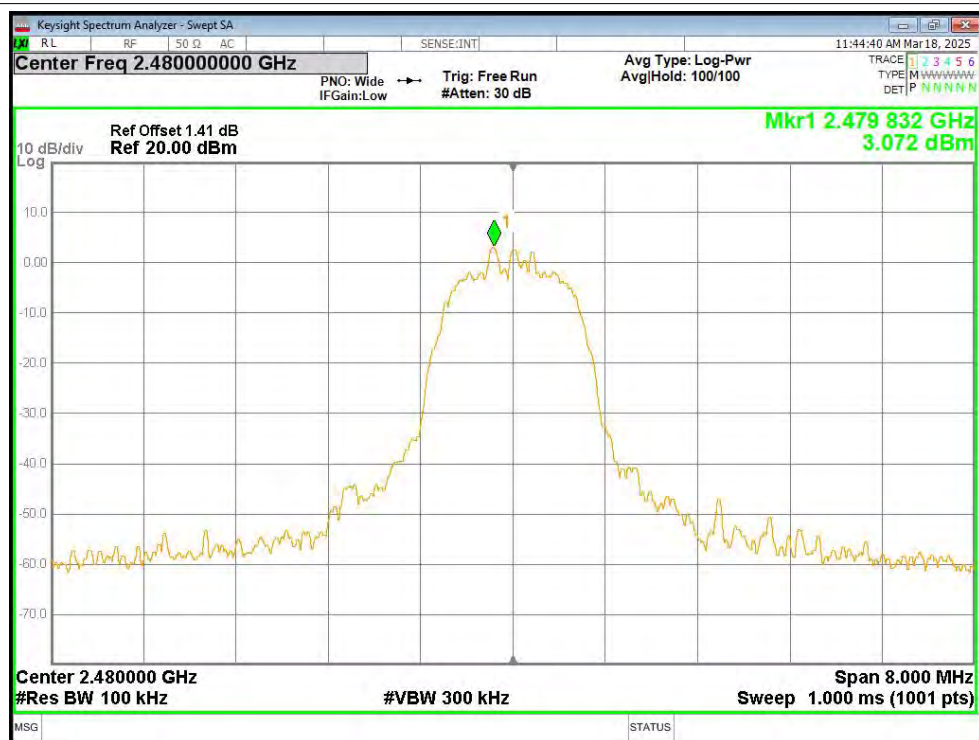
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



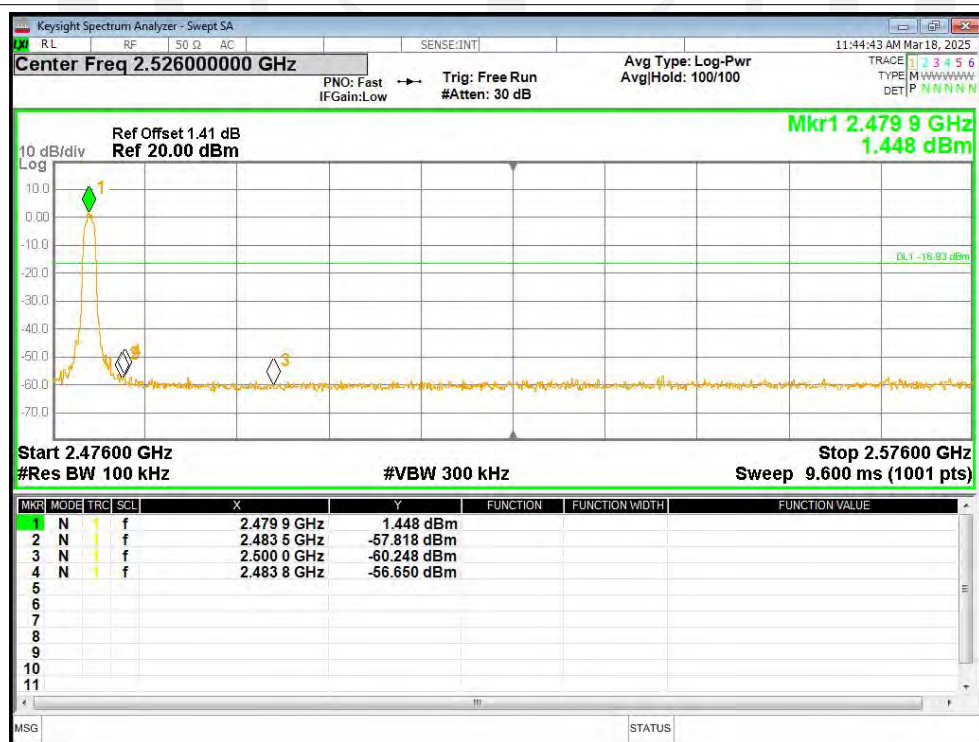
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



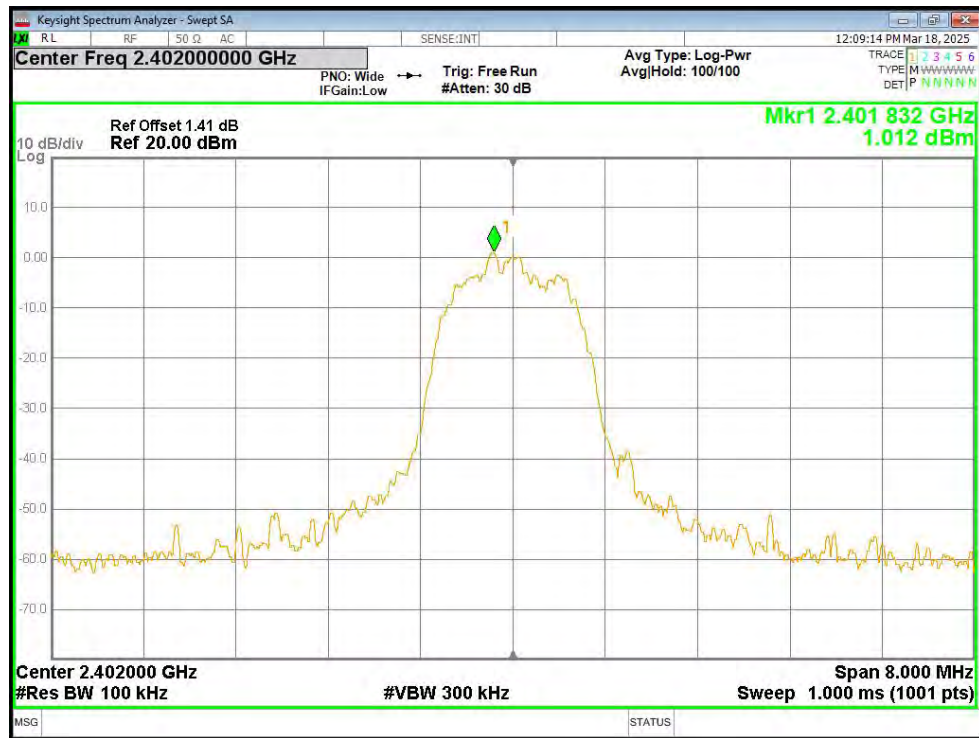
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



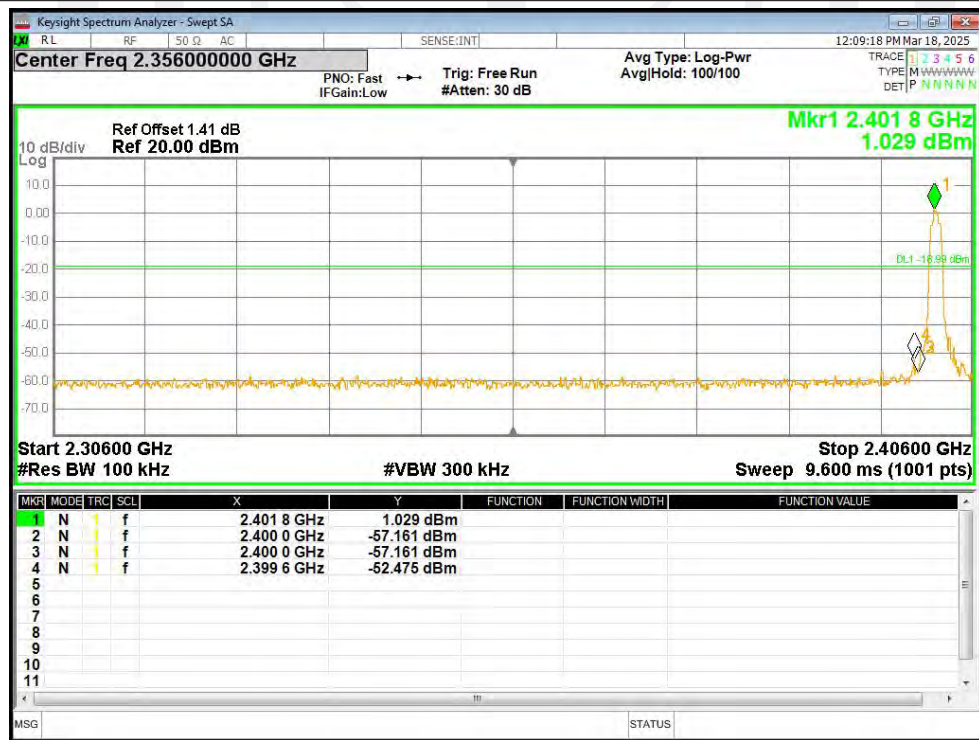
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref

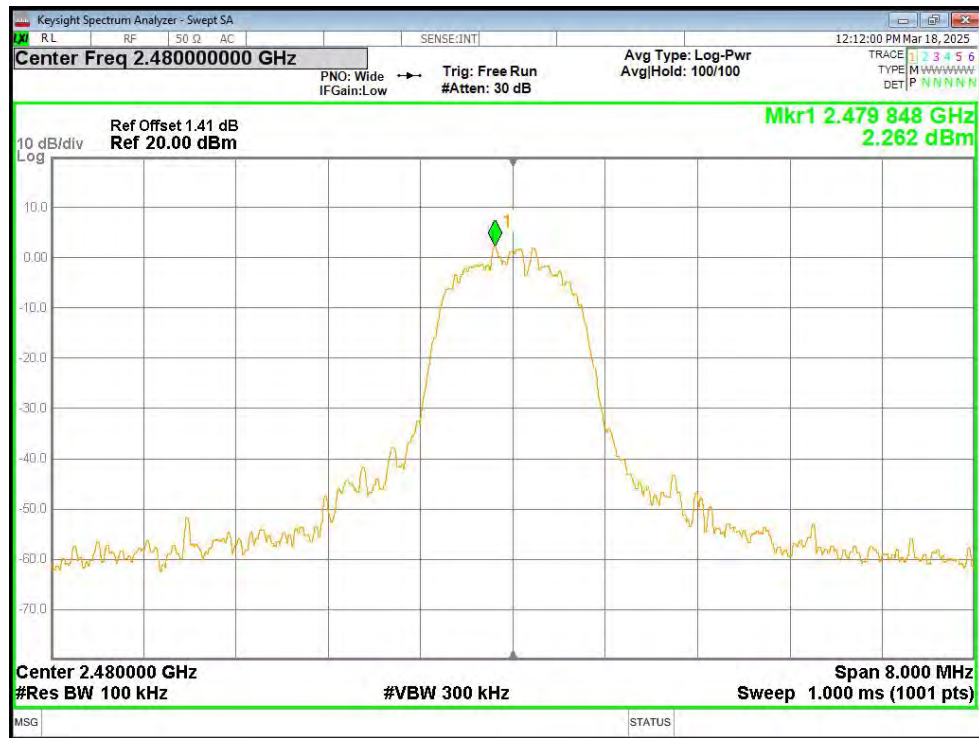


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

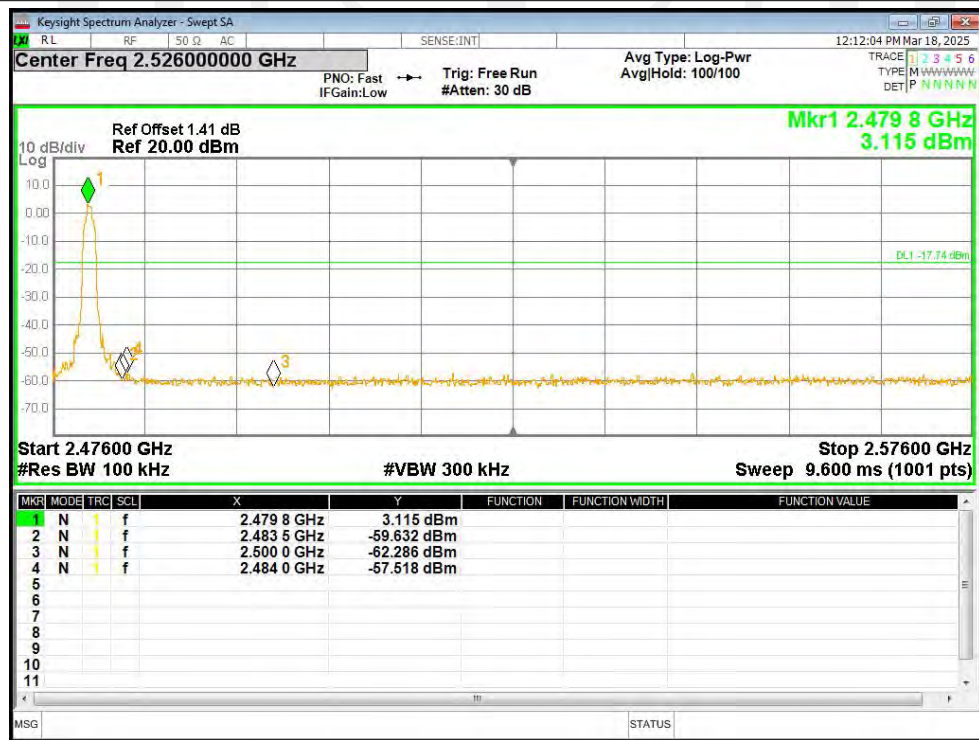




Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission



## Band Edge(Hopping)

| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | Hopping      | -58.06          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | Hopping      | -58.21          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | Hopping      | -57.37          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | Hopping      | -58.76          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | Hopping      | -57.97          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | Hopping      | -58.56          | -20         | Pass    |

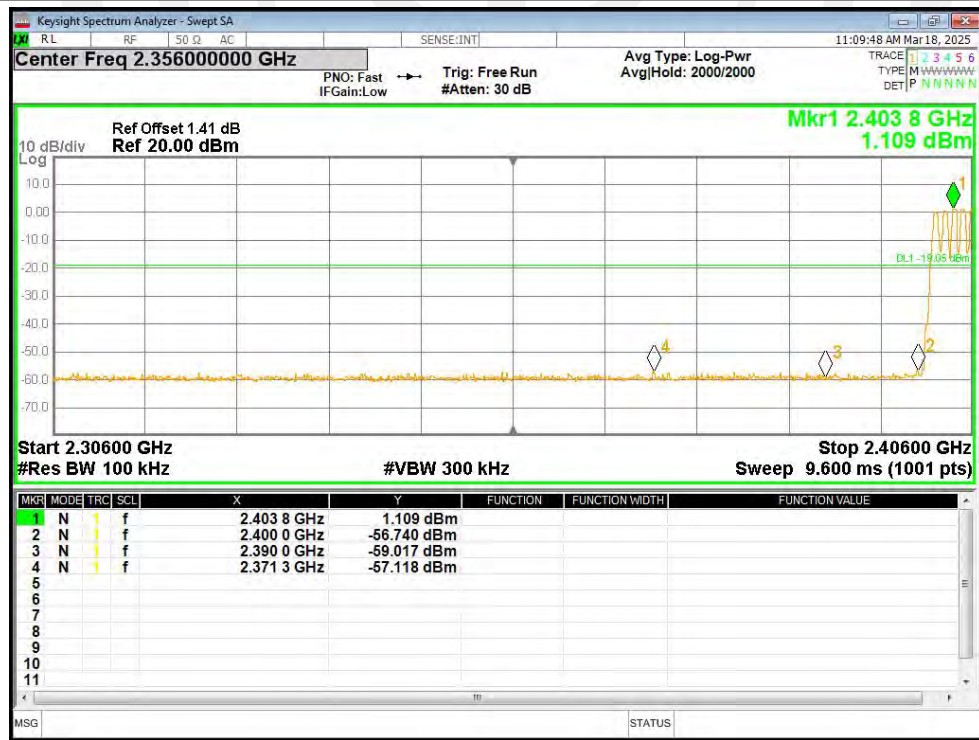


## Test Graphs

## Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



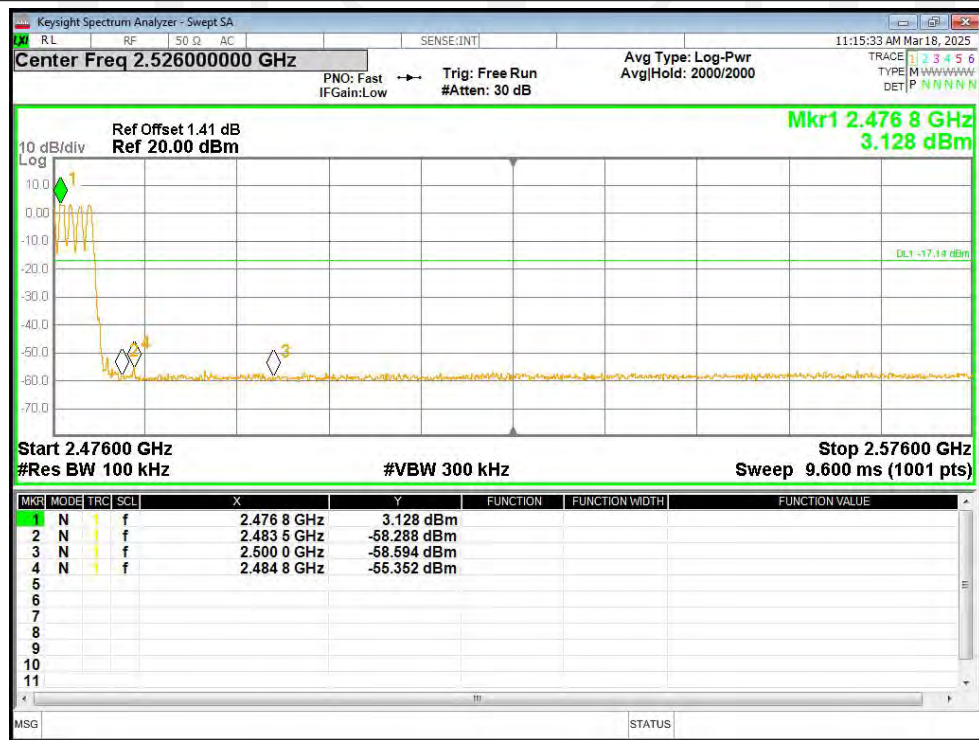
## Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



## Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref

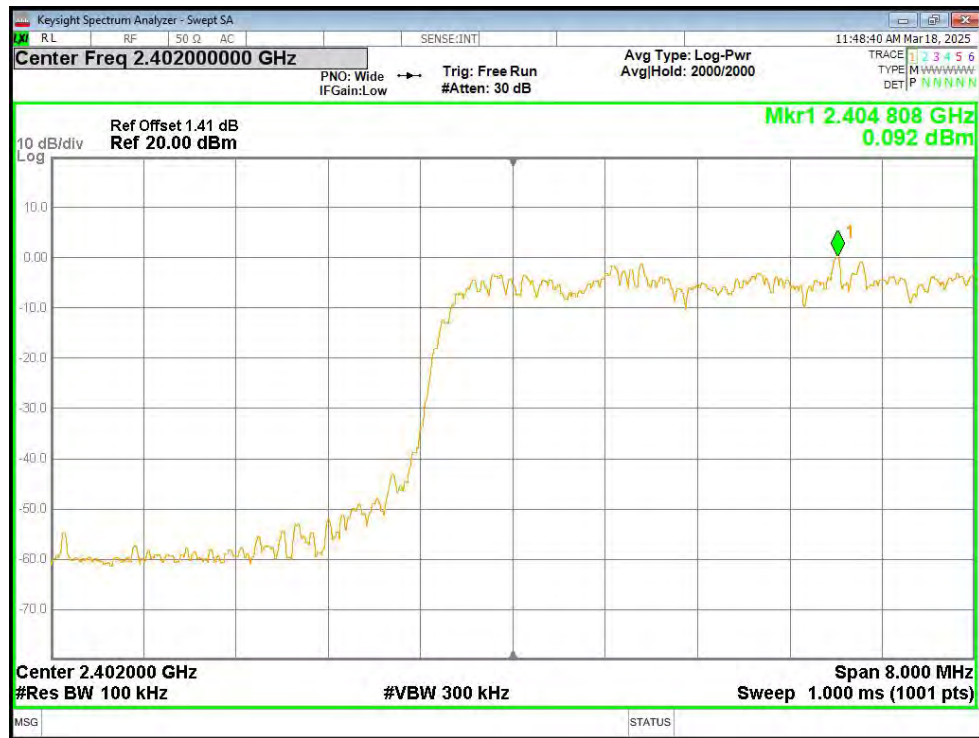


## Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

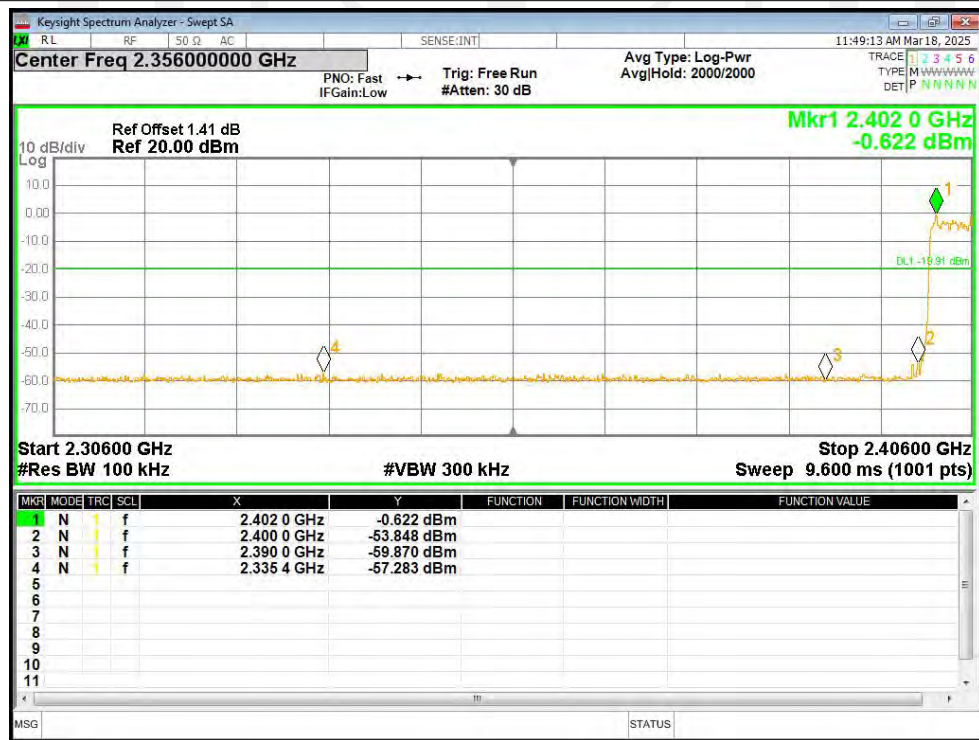




## Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



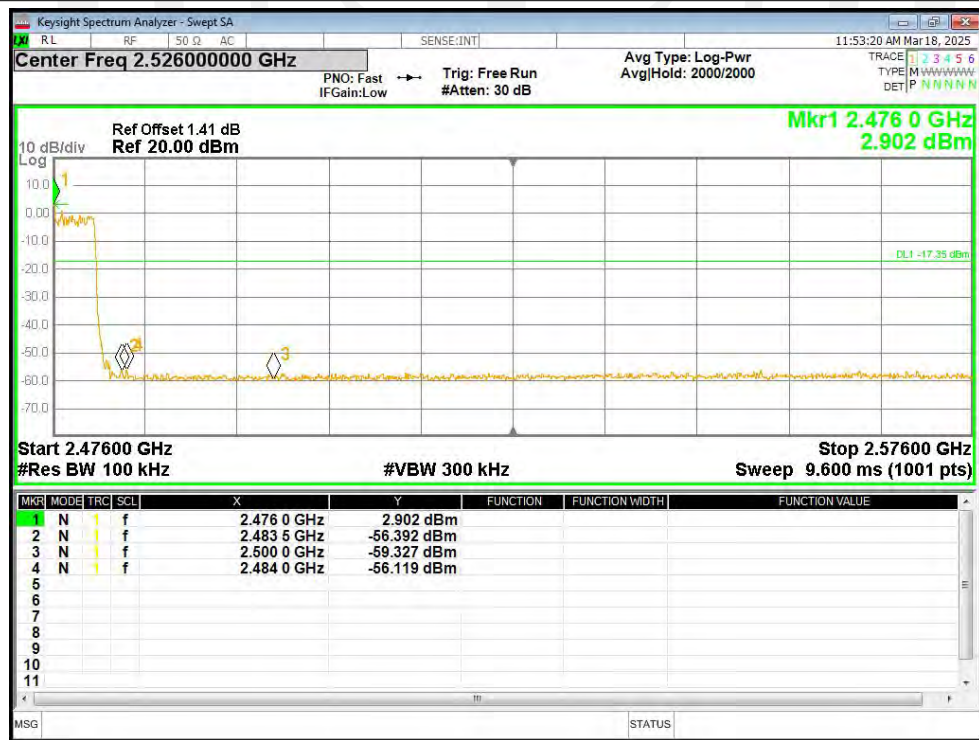
## Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



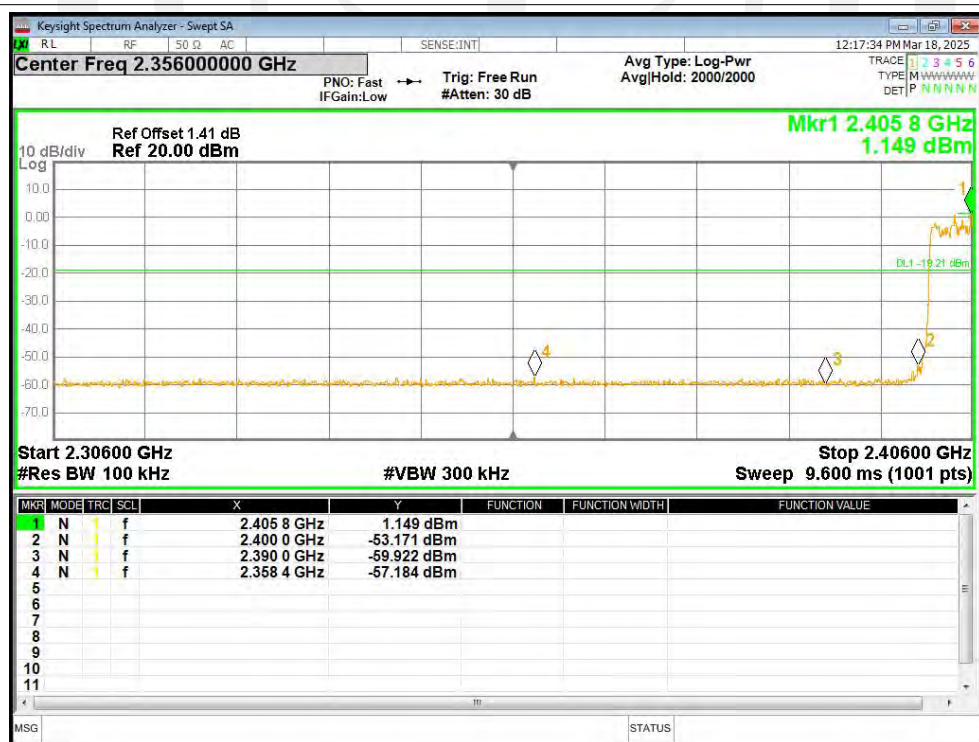
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

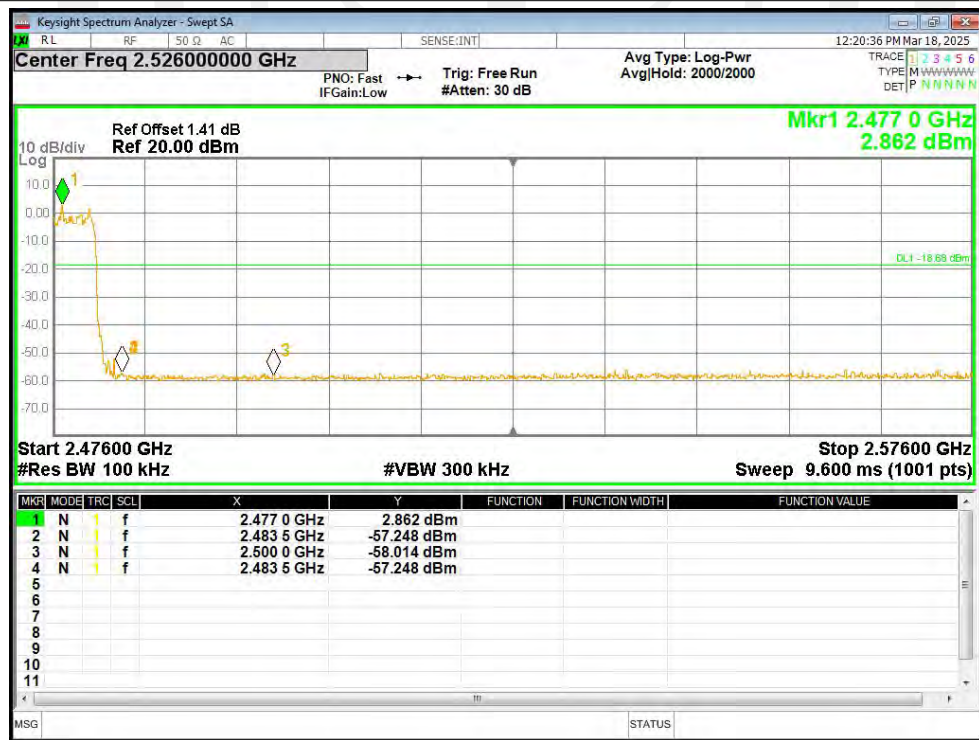




Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission





**Conducted spurious emission: Pass**

| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | -29.04          | -20         | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | -27.92          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | -25.89          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | -32.85          | -20         | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | -32.18          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | -25.22          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | -26.68          | -20         | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | -32.76          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | -31.06          | -20         | Pass    |

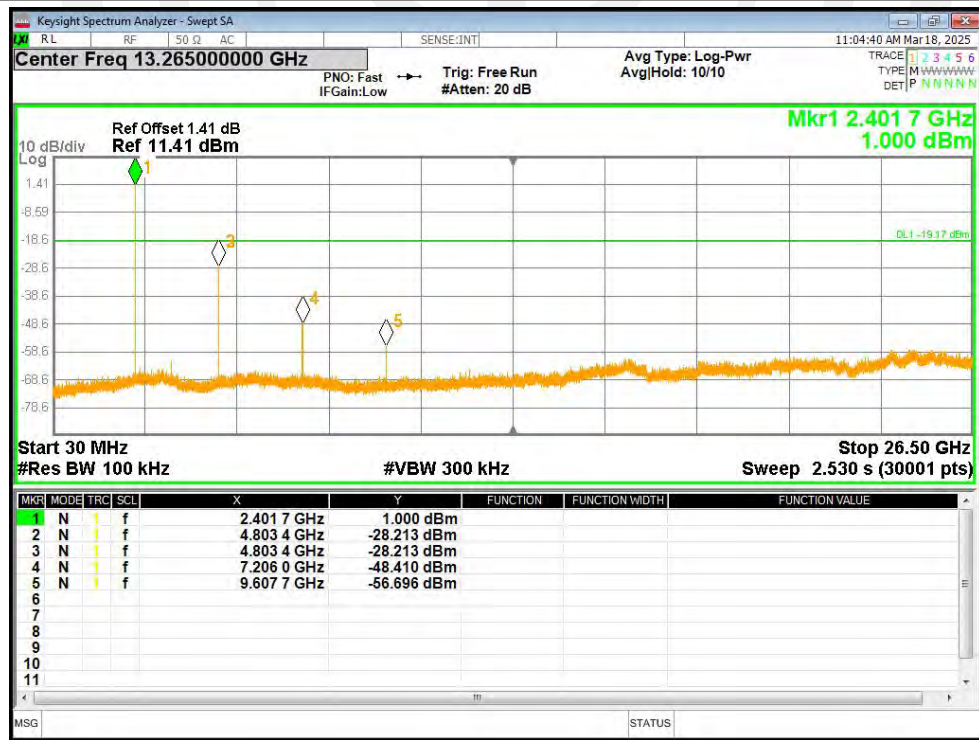


## Test Graphs

## Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



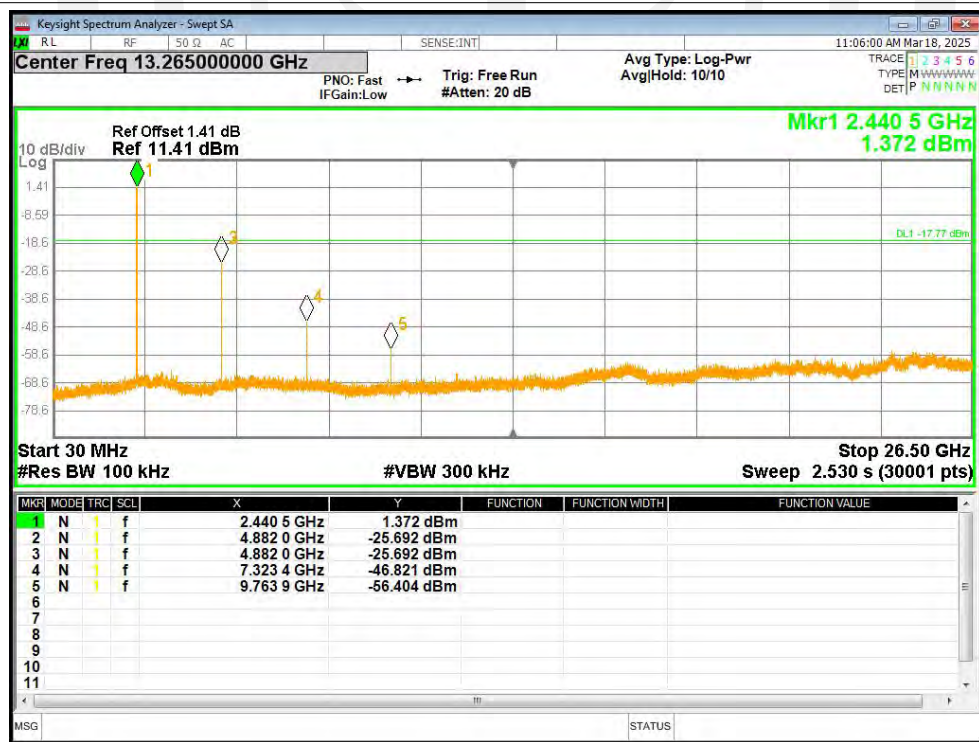
## Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



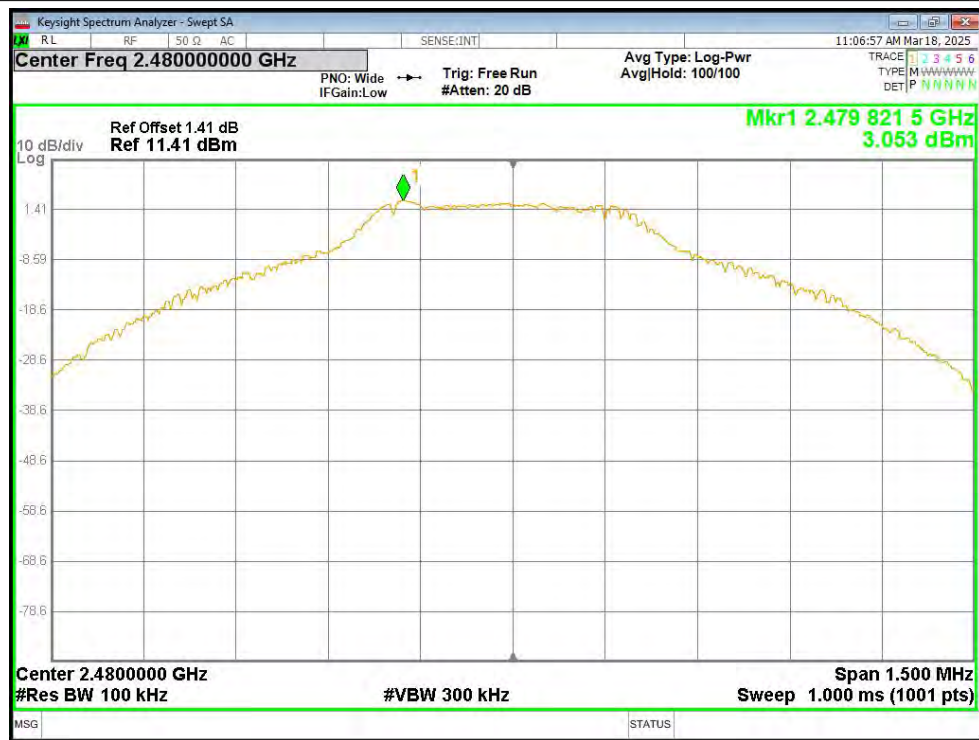
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



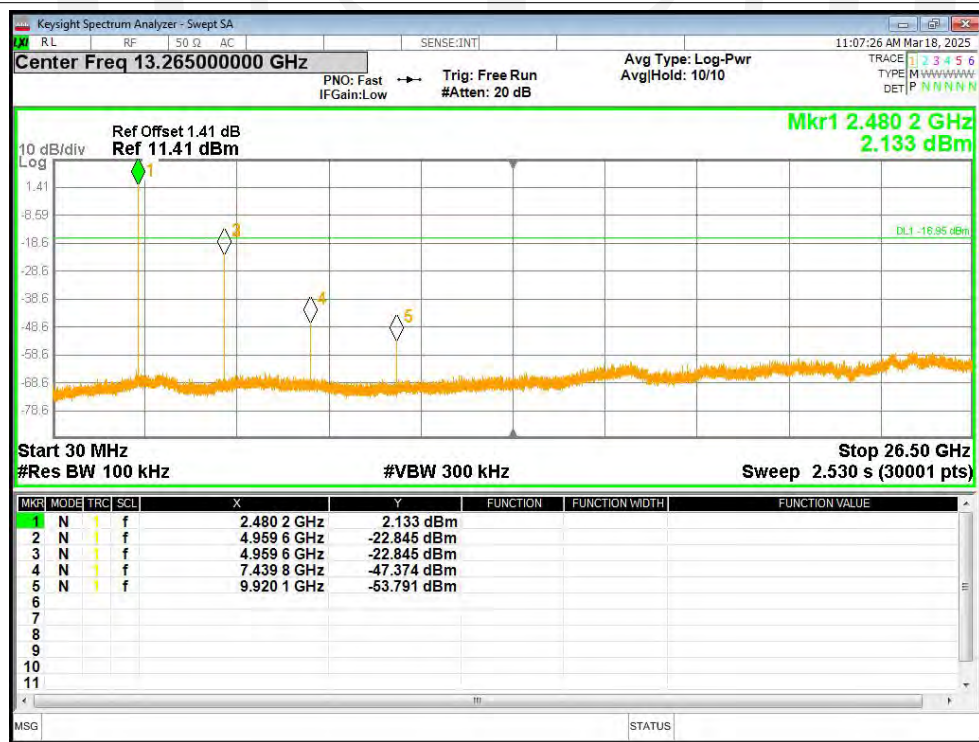
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission

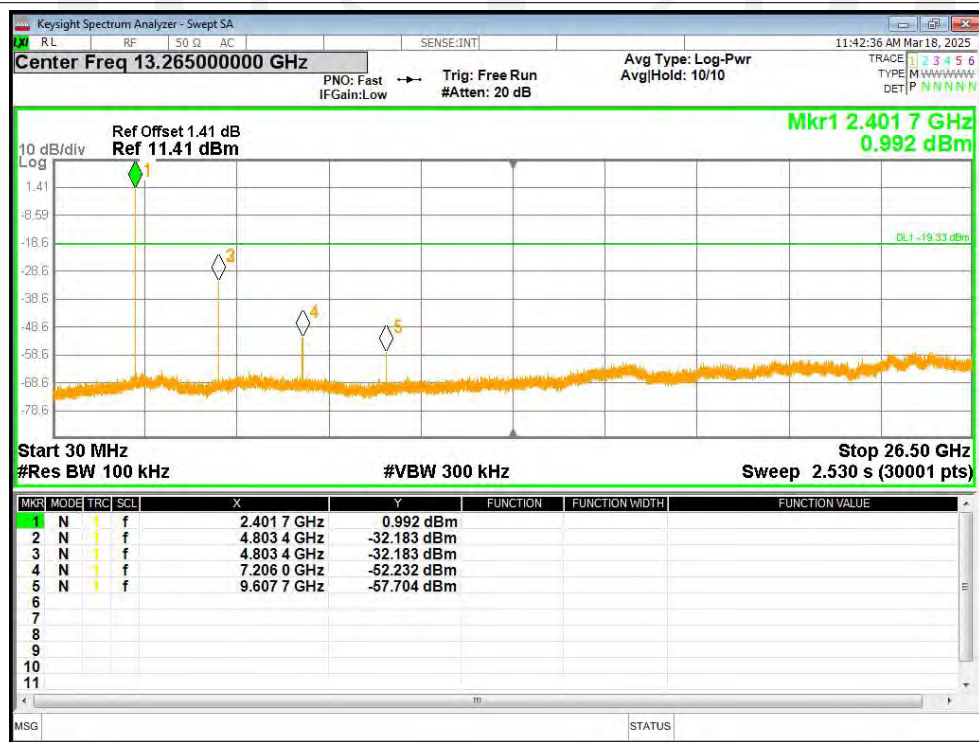




Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



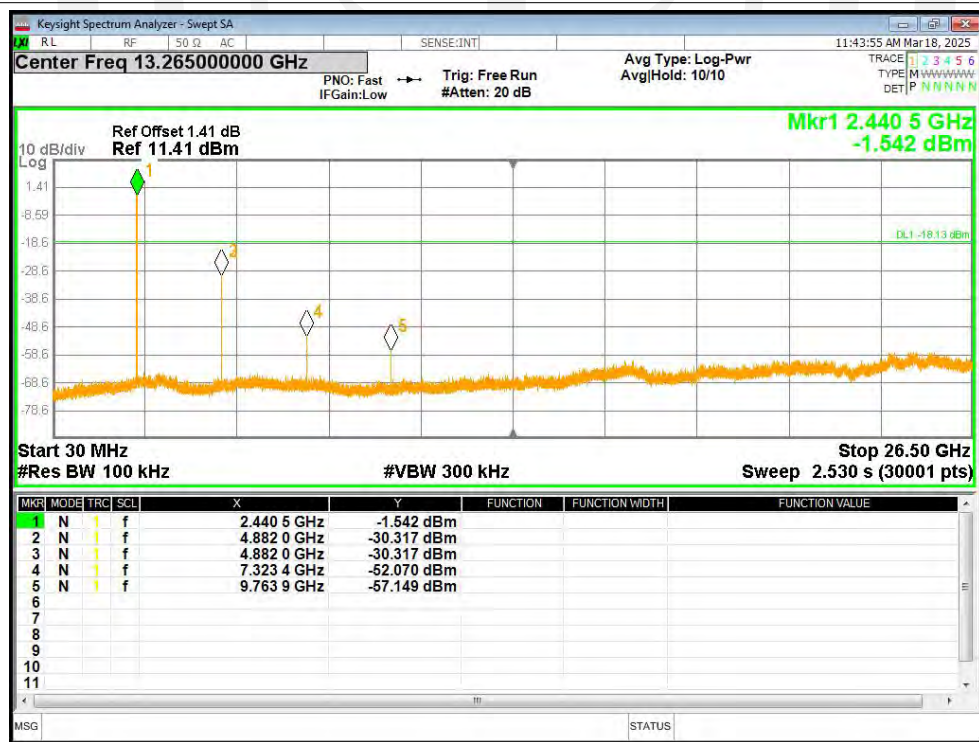
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



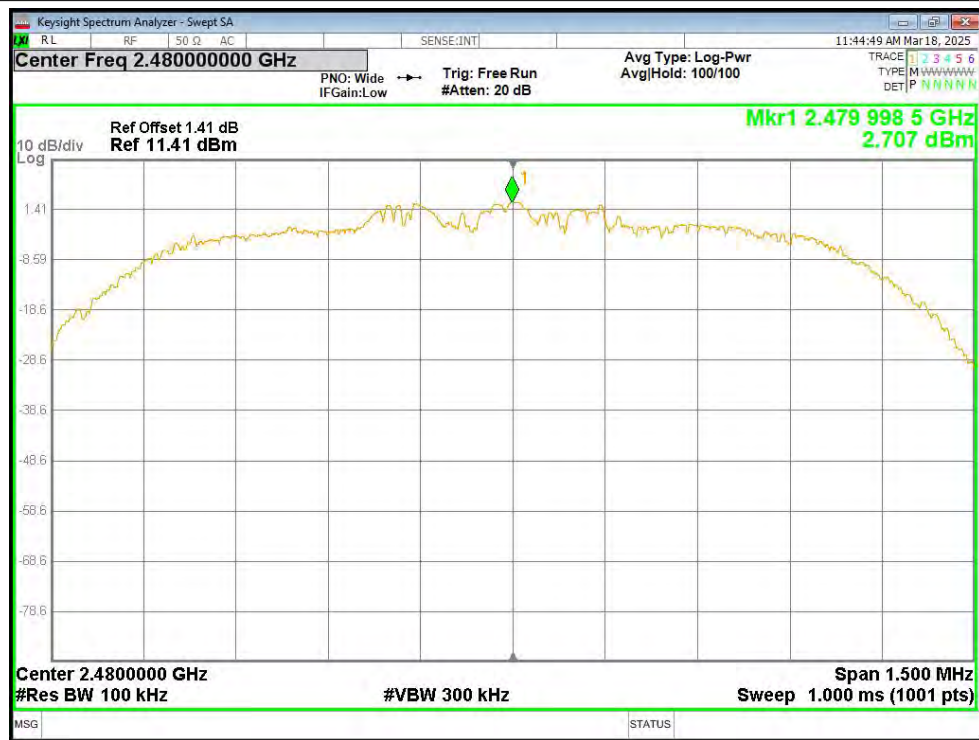
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



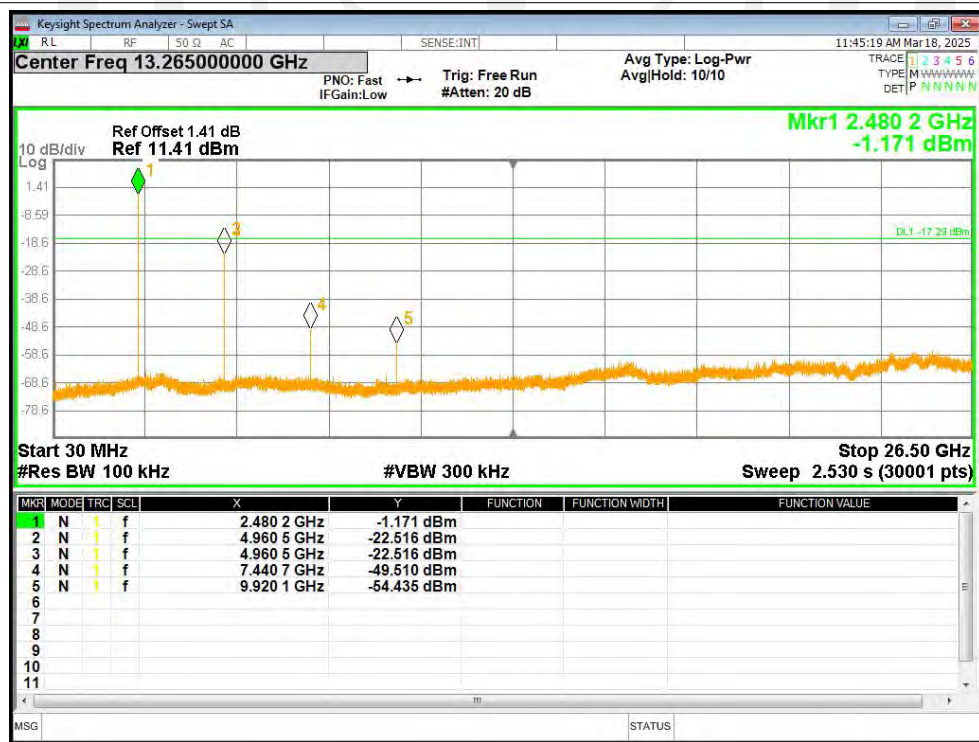
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission

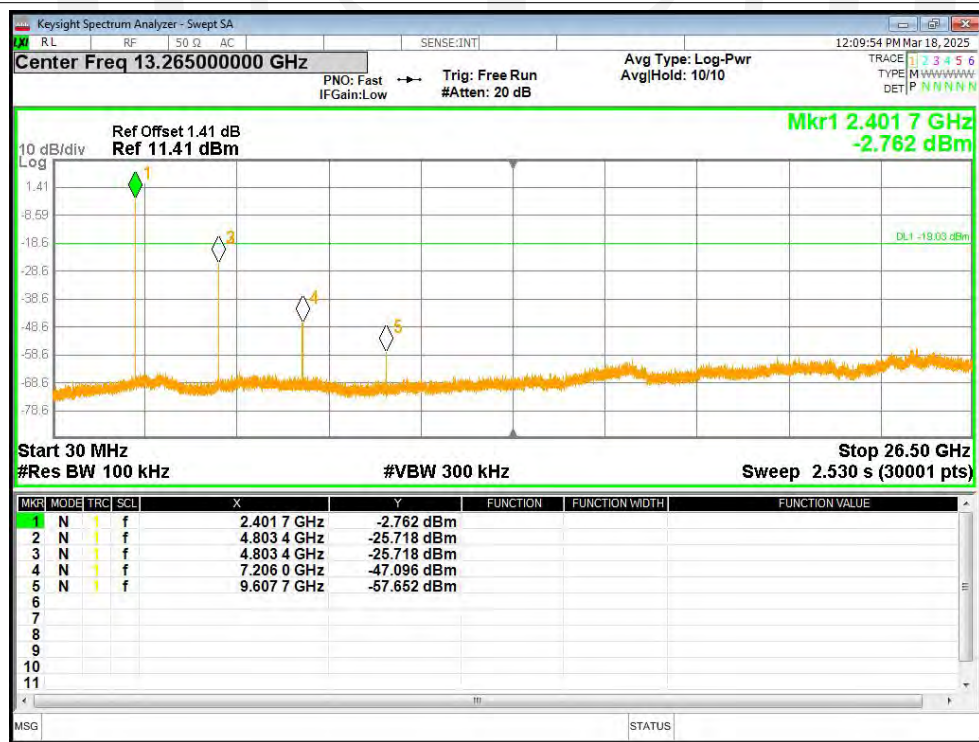




Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission

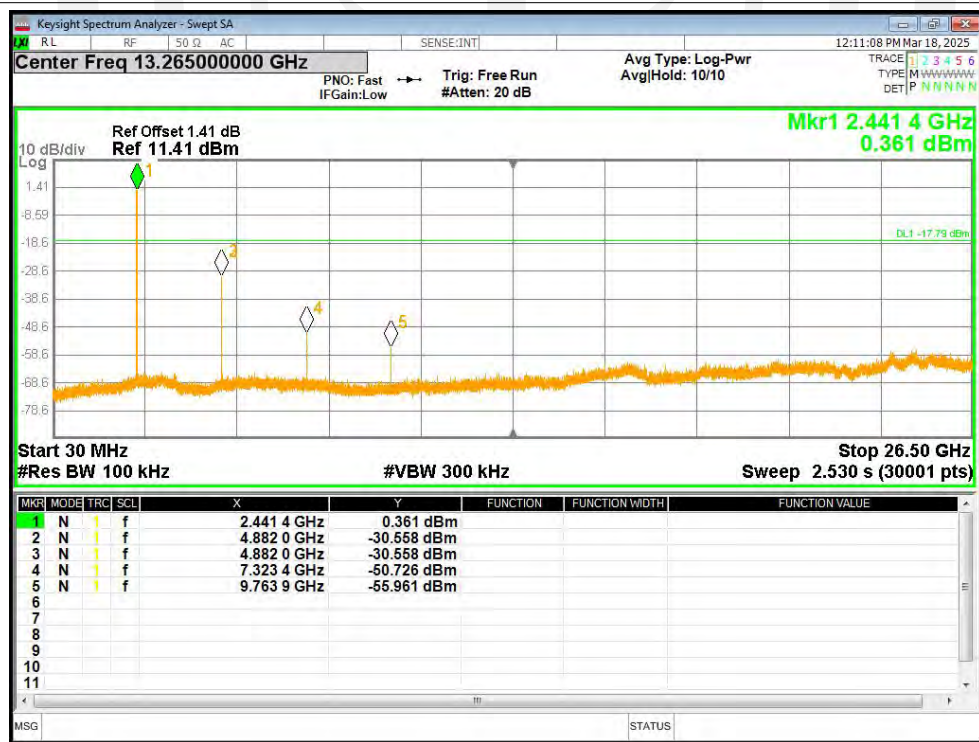




Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



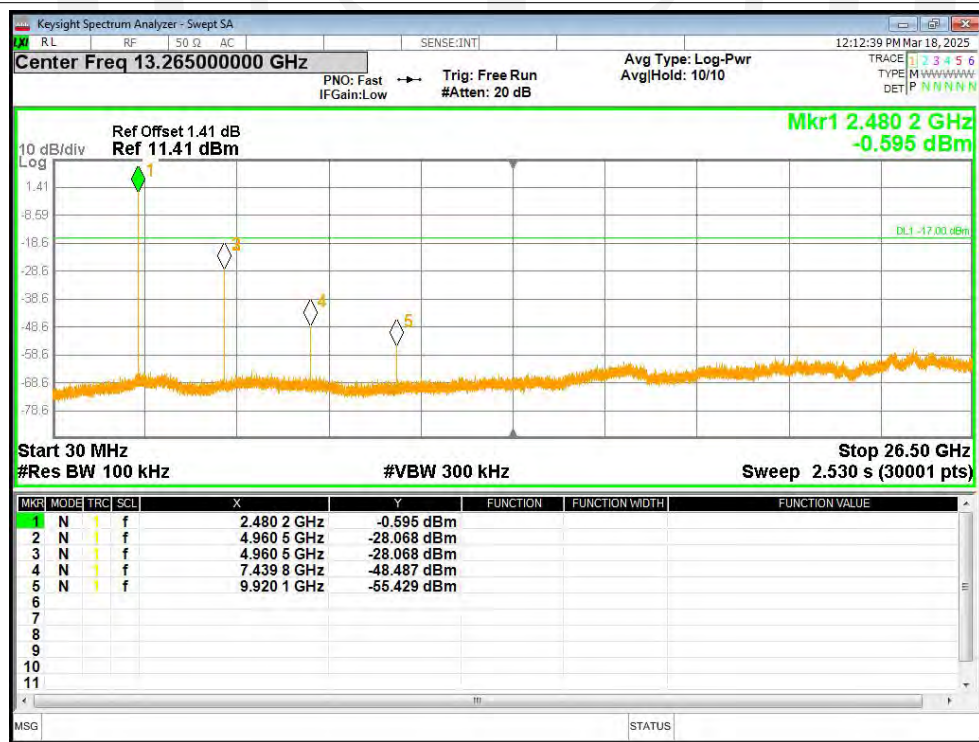
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



## 9. Radiated Emissions

### 9.1. Limit

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

15.205 Restricted frequency band

| MHz                        | MHz                   | MHz             | GHz              |
|----------------------------|-----------------------|-----------------|------------------|
| 0.090 - 0.110              | 16.42 - 16.423        | 399.9 - 410     | 4.5 - 5.15       |
| <sup>1</sup> 0.495 - 0.505 | 16.69475 - 16.69525   | 608 - 614       | 5.35 - 5.46      |
| 2.1735 - 2.1905            | 16.80425 - 16.80475   | 960 - 1240      | 7.25 - 7.75      |
| 4.125 - 4.128              | 25.5 - 25.67          | 1300 - 1427     | 8.025 - 8.5      |
| 4.17725 - 4.17775          | 37.5 - 38.25          | 1435 - 1626.5   | 9.0 - 9.2        |
| 4.20725 - 4.20775          | 73 - 74.6             | 1645.5 - 1646.5 | 9.3 - 9.5        |
| 6.215 - 6.218              | 74.8 - 75.2           | 1660 - 1710     | 10.6 - 12.7      |
| 6.26775 - 6.26825          | 108 - 121.94          | 1718.8 - 1722.2 | 13.25 - 13.4     |
| 6.31175 - 6.31225          | 123 - 138             | 2200 - 2300     | 14.47 - 14.5     |
| 8.291 - 8.294              | 149.9 - 150.05        | 2310 - 2390     | 15.35 - 16.2     |
| 8.362 - 8.366              | 156.52475 - 156.52525 | 2483.5 - 2500   | 17.7 - 21.4      |
| 8.37625 - 8.38675          | 156.7 - 156.9         | 2690 - 2900     | 22.01 - 23.12    |
| 8.41425 - 8.41475          | 162.0125 - 167.17     | 3260 - 3267     | 23.6 - 24.0      |
| 12.29 - 12.293             | 167.72 - 173.2        | 3332 - 3339     | 31.2 - 31.8      |
| 12.51975 - 12.52025        | 240 - 285             | 3345.8 - 3358   | 36.43 - 36.5     |
| 12.57675 - 12.57725        | 322 - 335.4           | 3600 - 4400     | ( <sup>2</sup> ) |

RSS-GEN Restricted frequency band

Table 7 – Restricted frequency bands<sup>Note 1</sup>

| MHz               | MHz                   | GHz           |
|-------------------|-----------------------|---------------|
| 0.090 - 0.110     | 149.9 - 150.05        | 9.0 - 9.2     |
| 0.495 - 0.505     | 156.52475 - 156.52525 | 9.3 - 9.5     |
| 2.1735 - 2.1905   | 156.7 - 156.9         | 10.6 - 12.7   |
| 3.020 - 3.026     | 162.0125 - 167.17     | 13.25 - 13.4  |
| 4.125 - 4.128     | 167.72 - 173.2        | 14.47 - 14.5  |
| 4.17725 - 4.17775 | 240 – 285             | 15.35 - 16.2  |
| 4.20725 - 4.20775 | 322 - 335.4           | 17.7 - 21.4   |
| 5.677 - 5.683     | 399.9 - 410           | 22.01 - 23.12 |
| 6.215 - 6.218     | 608 - 614             | 23.6 - 24.0   |
| 6.26775 - 6.26825 | 960 - 1427            | 31.2 - 31.8   |
| 6.31175 - 6.31225 | 1435 - 1626.5         | 36.43 - 36.5  |

|                     |                 |            |
|---------------------|-----------------|------------|
| 8.291 - 8.294       | 1645.5 - 1646.5 | Above 38.6 |
| 8.362 - 8.366       | 1660 - 1710     |            |
| 8.37625 - 8.38675   | 1718.8 - 1722.2 |            |
| 8.41425 - 8.41475   | 2200 - 2300     |            |
| 12.29 - 12.293      | 2310 - 2390     |            |
| 12.51975 - 12.52025 | 2483.5 - 2500   |            |
| 12.57675 - 12.57725 | 2655 - 2900     |            |
| 13.36 - 13.41       | 3260 - 3267     |            |
| 16.42 - 16.423      | 3332 - 3339     |            |
| 16.69475 - 16.69525 | 3345.8 - 3358   |            |
| 16.80425 - 16.80475 | 3500 - 4400     |            |
| 25.5 - 25.67        | 4500 - 5150     |            |
| 37.5 - 38.25        | 5350 - 5460     |            |
| 73 - 74.6           | 7250 - 7750     |            |
| 74.8 - 75.2         | 8025 - 8500     |            |
| 108 - 138           |                 |            |

Note 1: Certain frequency bands listed in table 7 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSS.



## 15.209 Limit

| FREQUENCY<br>MHz | DISTANCE<br>Meters | FIELD STRENGTHS LIMIT                                                                             |                                   |
|------------------|--------------------|---------------------------------------------------------------------------------------------------|-----------------------------------|
|                  |                    | $\mu\text{V}/\text{m}$                                                                            | $\text{dB}(\mu\text{V})/\text{m}$ |
| 0.009-0.490      | 300                | $2400/F(\text{KHz})$                                                                              | /                                 |
| 0.490-1.705      | 30                 | $24000/F(\text{KHz})$                                                                             | /                                 |
| 1.705-30         | 30                 | 30                                                                                                | 29.5                              |
| 30 ~ 88          | 3                  | 100                                                                                               | 40.0                              |
| 88 ~ 216         | 3                  | 150                                                                                               | 43.5                              |
| 216 ~ 960        | 3                  | 200                                                                                               | 46.0                              |
| 960 ~ 1000       | 3                  | 500                                                                                               | 54.0                              |
| Above 1000       | 3                  | 74.0 $\text{dB}(\mu\text{V})/\text{m}$ (Peak)<br>54.0 $\text{dB}(\mu\text{V})/\text{m}$ (Average) |                                   |

Note: The peak limit is 20 dB higher than the average limit

**Table 5 – General field strength limits at frequencies above 30 MHz**

| Frequency (MHz) | Field strength ( $\mu\text{V}/\text{m}$ at 3 m) |
|-----------------|-------------------------------------------------|
| 30 – 88         | 100                                             |
| 88 – 216        | 150                                             |
| 216 – 960       | 200                                             |
| Above 960       | 500                                             |

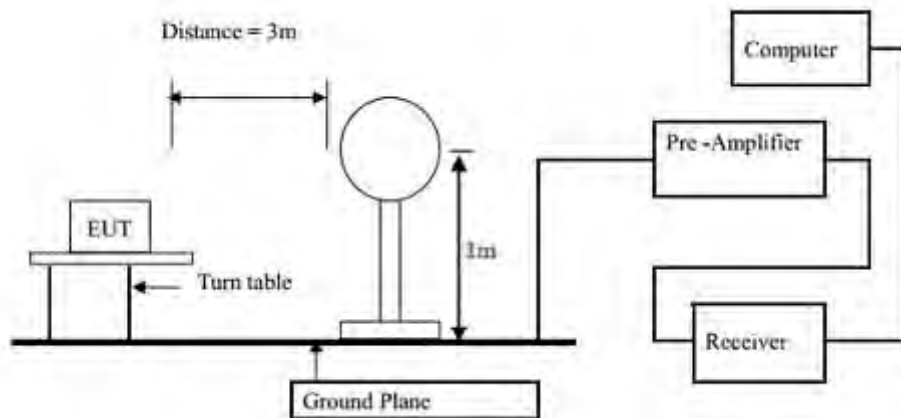
**Table 6 – General field strength limits at frequencies below 30 MHz**

| Frequency                     | Magnetic field strength (H-Field) ( $\mu\text{A}/\text{m}$ ) | Measurement distance (m) |
|-------------------------------|--------------------------------------------------------------|--------------------------|
| 9 - 490 kHz <sup>Note 1</sup> | $6.37/F$ (F in kHz)                                          | 300                      |
| 490 - 1705 kHz                | $63.7/F$ (F in kHz)                                          | 30                       |
| 1.705 - 30 MHz                | 0.08                                                         | 30                       |

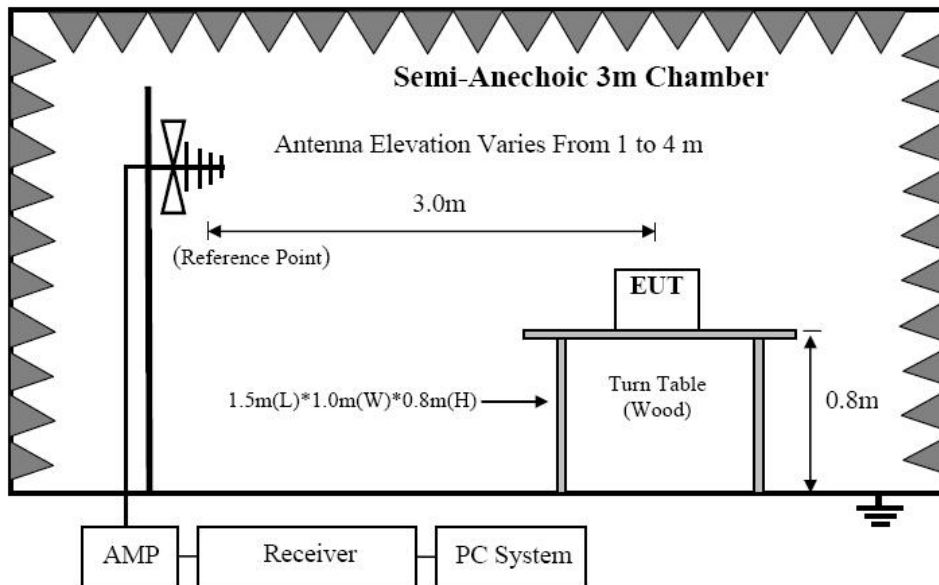
**Note 1:** The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

## 9.2. Block Diagram of Test setup

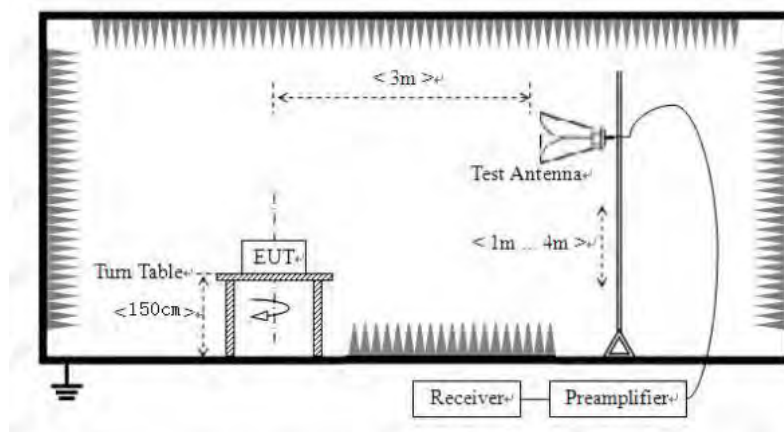
### 9.2.1 In 3m Anechoic Chamber Test Setup Diagram for below 30MHz



### 9.2.1 In 3m Anechoic Chamber Test Setup Diagram for below 1GHz



### 9.2.2 In 3m Anechoic Chamber Test Setup Diagram for frequency above 1GHz



Note: For harmonic emissions test a appropriate high pass filter was inserted in the input port of AMP.

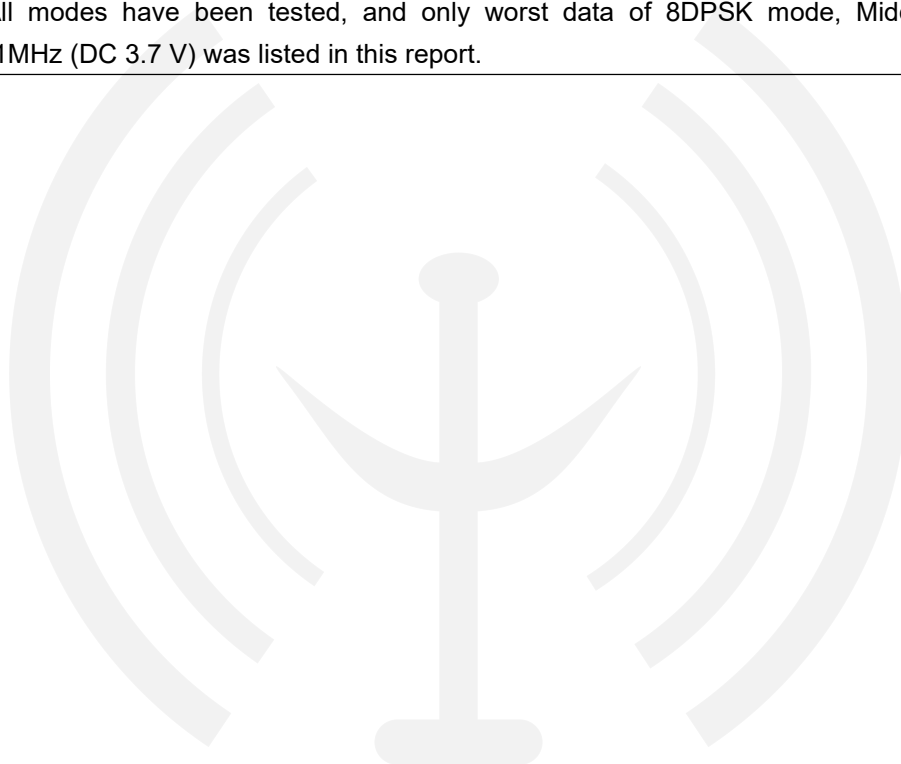
### 9.3. Test Procedure

- (1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber.
- (2) Setup EUT and simulator
- (3) Test antenna was located 3m from the EUT on an adjustable mast. Below pre-scan procedure was first performed in order to find prominent radiated emissions.
  - (a) Change work frequency or channel of device if practicable.
  - (b) Change modulation type of device if practicable.
  - (c) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions
- (4) Spectrum frequency from 9KHz to 25GHz (tenth harmonic of fundamental frequency) was investigated
- (5) For final emissions measurements at each frequency of interest, the EUT were rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10:2013on Radiated Emission test.
- (6) For emissions above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1MHz, VBW is set at 3MHz for Peak measure; RBW is set at 1MHz, VBW is set at 10Hz for Average measure.

### 9.4. Test Results

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

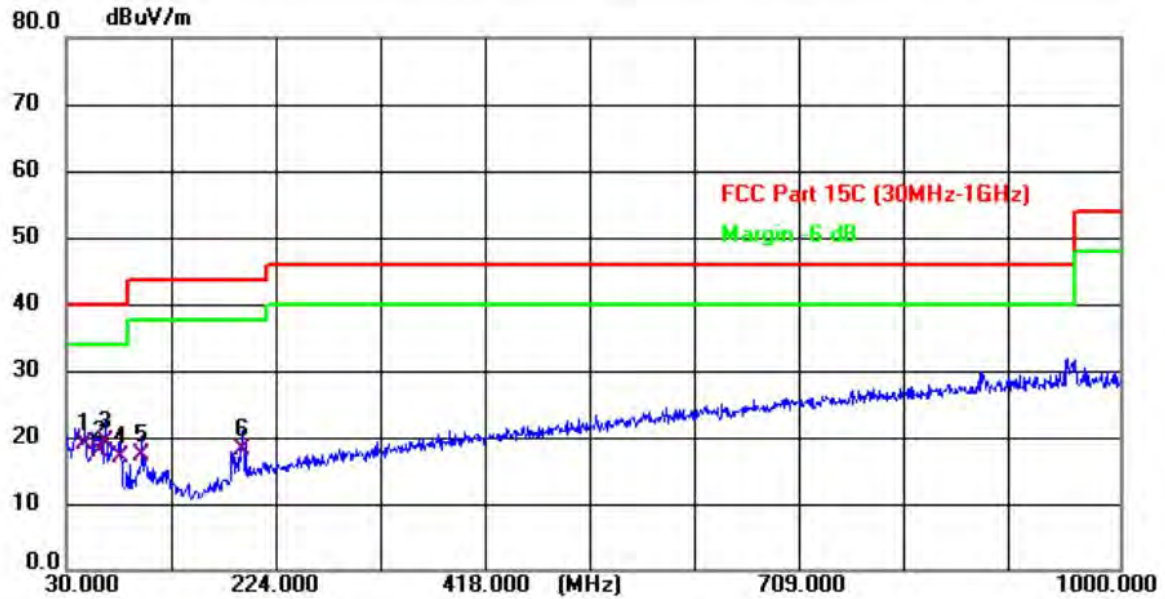
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| From 30MHz to 1000MHz:     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Test Date : 2025.3.11      | Temperature : 24.3℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Test Engineer : Felix Pang | Humidity : 56.4%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Test Mode : 8DPSK mode     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Test Results : <b>PASS</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Note:                      | <ol style="list-style-type: none"><li>1. The test results are listed in next pages.</li><li>2. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector and quasi-peak detector need not be carried out.</li><li>3. All modes have been tested, and only worst data of 8DPSK mode, Middle Channel 2441MHz (DC 3.7 V) was listed in this report.</li></ol> |





**Polarization: Vertical**

Model:SG-19 PRO

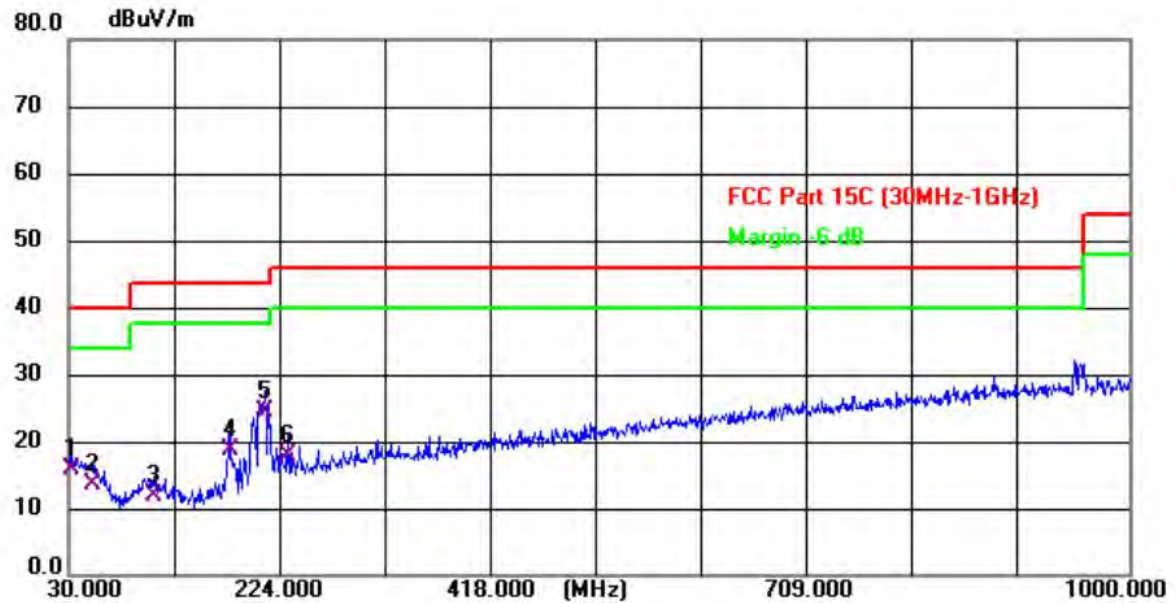


| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|
| 1   | 47.460          | 28.01          | -9.15         | 18.86          | 40.00          | -21.14      | QP       |
| 2   | 60.070          | 28.53          | -10.71        | 17.82          | 40.00          | -22.18      | QP       |
| 3 * | 65.890          | 31.59          | -12.24        | 19.35          | 40.00          | -20.65      | QP       |
| 4   | 79.470          | 31.27          | -14.31        | 16.96          | 40.00          | -23.04      | QP       |
| 5   | 99.840          | 28.43          | -11.27        | 17.16          | 43.50          | -26.34      | QP       |
| 6   | 191.990         | 29.71          | -11.69        | 18.02          | 43.50          | -25.48      | QP       |

Note: Level = Reading + Factor Margin = Level - Limit

**Polarization: Horizontal**

Model:SG-19 PRO

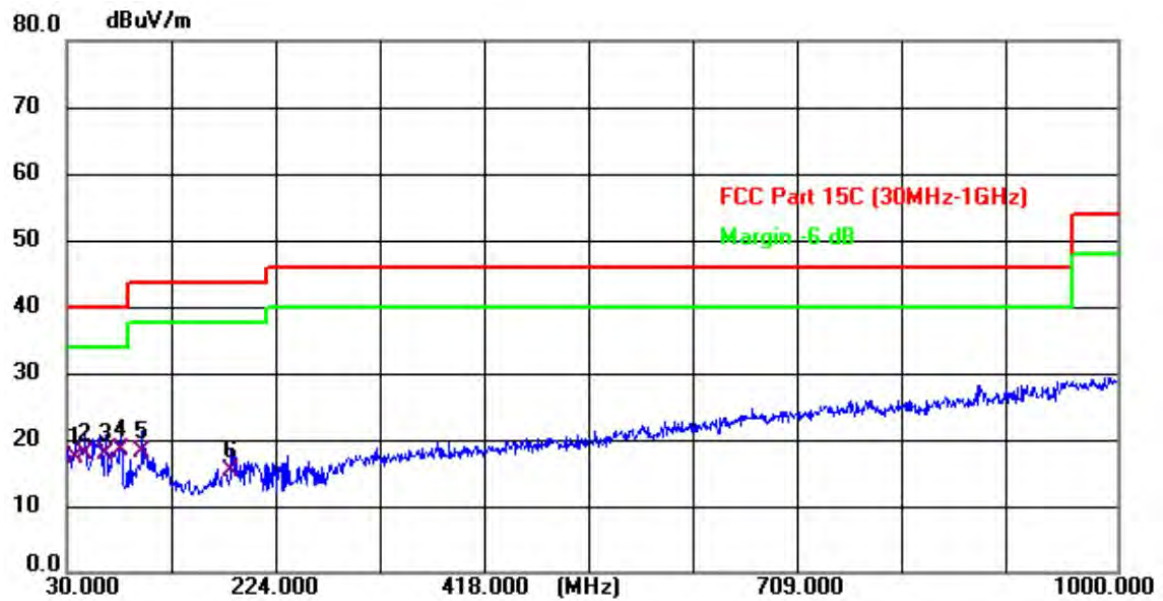


| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|
| 1   | 31.940          | 24.03          | -8.30         | 15.73          | 40.00          | -24.27      | QP       |
| 2   | 52.310          | 23.23          | -9.66         | 13.57          | 40.00          | -26.43      | QP       |
| 3   | 107.600         | 23.66          | -11.88        | 11.78          | 43.50          | -31.72      | QP       |
| 4   | 177.440         | 31.28          | -12.64        | 18.64          | 43.50          | -24.86      | QP       |
| 5 * | 209.450         | 35.26          | -10.79        | 24.47          | 43.50          | -19.03      | QP       |
| 6   | 229.820         | 27.91          | -10.02        | 17.89          | 46.00          | -28.11      | QP       |

Note: Level = Reading + Factor Margin = Level - Limit

**Polarization: Vertical**

Model:SG-11 PRO

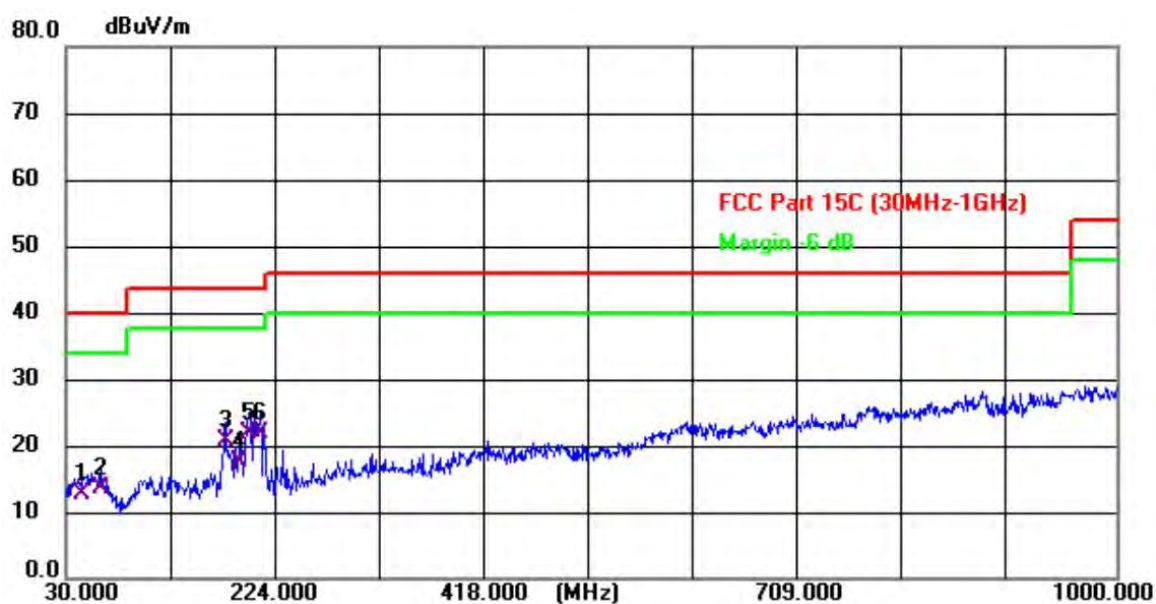


| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|
| 1   | 38.730          | 25.86          | -8.51         | 17.35          | 40.00          | -22.65      | QP       |
| 2   | 47.460          | 27.01          | -9.15         | 17.86          | 40.00          | -22.14      | QP       |
| 3   | 65.890          | 30.09          | -12.24        | 17.85          | 40.00          | -22.15      | QP       |
| 4 * | 79.470          | 32.77          | -14.31        | 18.46          | 40.00          | -21.54      | QP       |
| 5   | 99.840          | 29.43          | -11.27        | 18.16          | 43.50          | -25.34      | QP       |
| 6   | 182.290         | 27.72          | -12.34        | 15.38          | 43.50          | -28.12      | QP       |

Note: Level = Reading + Factor Margin = Level - Limit

**Polarization: Horizontal**

Model:SG-11 PRO



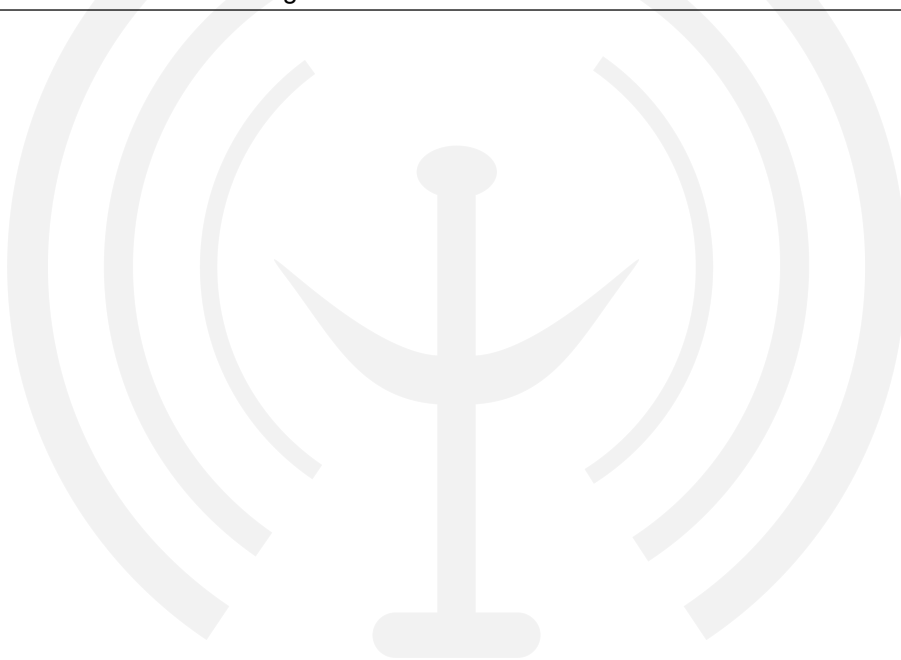
| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|
| 1   | 45.520          | 21.81          | -8.99         | 12.82          | 40.00          | -27.18      | QP       |
| 2   | 62.010          | 24.74          | -11.22        | 13.52          | 40.00          | -26.48      | QP       |
| 3   | 177.440         | 33.28          | -12.64        | 20.64          | 43.50          | -22.86      | QP       |
| 4   | 190.050         | 29.42          | -11.82        | 17.60          | 43.50          | -25.90      | QP       |
| 5 * | 198.780         | 33.20          | -11.23        | 21.97          | 43.50          | -21.53      | QP       |
| 6   | 209.450         | 32.76          | -10.79        | 21.97          | 43.50          | -21.53      | QP       |

Note: Level = Reading + Factor Margin = Level - Limit

All series models have been tested and only the worst series model data is reflected. The worst series model is: SG-11 PRO



|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| From 1GHz to 25GHz:                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Test Date : 2025. 3. 11                     | Temperature : 26℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Test Engineer : Felix Pang                  | Humidity : 54%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Test Mode : GFSK, $\pi/4$ DQPSK, 8DPSK mode |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Test Results : <b>PASS</b>                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Note:                                       | <ol style="list-style-type: none"><li>1. The test results are listed in next pages.</li><li>2. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector and quasi-peak detector need not be carried out.</li><li>3. If the limits for the measurement with the average detector are met when using a receiver with a quasi-peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.</li></ol> |



| Model:SG-19 PRO                                                                                                                                                                                                                    |          |          |                  |                |                 |                |        |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|----------------|-----------------|----------------|--------|--------|
| Bluetooth glasses Right                                                                                                                                                                                                            |          |          |                  |                |                 |                |        |        |
| Test Mode : GFSK TX Low                                                                                                                                                                                                            |          |          |                  |                |                 |                |        |        |
| No.                                                                                                                                                                                                                                | Freq MHz | Polarity | Reading (dBuV/m) | Correct Factor | Result (dBuV/m) | Limit (dBuV/m) | Margin | Remark |
| 1                                                                                                                                                                                                                                  | 4804     | V        | 58.43            | -13.25         | 45.18           | 74             | -28.82 | Peak   |
| 2                                                                                                                                                                                                                                  | 4804     | V        | 47.12            | -13.25         | 33.87           | 54             | -20.13 | Avg    |
| 3                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4804     | H        | 57.1             | -13.25         | 43.85           | 74             | -30.15 | Peak   |
| 6                                                                                                                                                                                                                                  | 4804     | H        | 48.54            | -13.25         | 35.29           | 54             | -18.71 | Avg    |
| 7                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : GFSK TX Mid                                                                                                                                                                                                            |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4882     | V        | 57.77            | -12.98         | 44.79           | 74             | -29.21 | Peak   |
| 2                                                                                                                                                                                                                                  | 4882     | V        | 48.17            | -12.98         | 35.19           | 54             | -18.81 | Avg    |
| 3                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4882     | H        | 58.87            | -12.98         | 45.89           | 74             | -28.11 | Peak   |
| 6                                                                                                                                                                                                                                  | 4882     | H        | 48.56            | -12.98         | 35.58           | 54             | -18.42 | Avg    |
| 7                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : GFSK TX High                                                                                                                                                                                                           |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4960     | V        | 57               | -12.7          | 44.3            | 74             | -29.7  | Peak   |
| 2                                                                                                                                                                                                                                  | 4960     | V        | 48.07            | -12.7          | 35.37           | 54             | -18.63 | Avg    |
| 3                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4960     | H        | 59.09            | -12.7          | 46.39           | 74             | -27.61 | Peak   |
| 6                                                                                                                                                                                                                                  | 4960     | H        | 47.91            | -12.7          | 35.21           | 54             | -18.79 | Avg    |
| 7                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| Note: 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.<br>2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.<br>Result=Reading + Correct Factor. Margin= Result-Limit. |          |          |                  |                |                 |                |        |        |

| Test Mode : $\pi/4$ DQPSK TX Low                                                                                                                                                                                                   |          |          |                  |                |                 |                |        |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|----------------|-----------------|----------------|--------|--------|
| No.                                                                                                                                                                                                                                | Freq MHz | Polarity | Reading (dBuV/m) | Correct Factor | Result (dBuV/m) | Limit (dBuV/m) | Margin | Remark |
| 1                                                                                                                                                                                                                                  | 4804     | V        | 57.28            | -13.25         | 44.03           | 74             | -29.97 | Peak   |
| 2                                                                                                                                                                                                                                  | 4804     | V        | 47.22            | -13.25         | 33.97           | 54             | -20.03 | Avg    |
| 3                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4804     | H        | 59.93            | -13.25         | 46.68           | 74             | -27.32 | Peak   |
| 6                                                                                                                                                                                                                                  | 4804     | H        | 47.84            | -13.25         | 34.59           | 54             | -19.41 | Avg    |
| 7                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : $\pi/4$ DQPSK TX Mid                                                                                                                                                                                                   |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4882     | V        | 58.65            | -12.98         | 45.67           | 74             | -28.33 | Peak   |
| 2                                                                                                                                                                                                                                  | 4882     | V        | 48.87            | -12.98         | 35.89           | 54             | -18.11 | Avg    |
| 3                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4882     | H        | 59.3             | -12.98         | 46.32           | 74             | -27.68 | Peak   |
| 6                                                                                                                                                                                                                                  | 4882     | H        | 47.53            | -12.98         | 34.55           | 54             | -19.45 | Avg    |
| 7                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : $\pi/4$ DQPSK TX High                                                                                                                                                                                                  |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4960     | V        | 59.52            | -12.7          | 46.82           | 74             | -27.18 | Peak   |
| 2                                                                                                                                                                                                                                  | 4960     | V        | 48.28            | -12.7          | 35.58           | 54             | -18.42 | Avg    |
| 3                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4960     | H        | 57.38            | -12.7          | 44.68           | 74             | -29.32 | Peak   |
| 6                                                                                                                                                                                                                                  | 4960     | H        | 48.77            | -12.7          | 36.07           | 54             | -17.93 | Avg    |
| 7                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| Note: 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.<br>2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.<br>Result=Reading + Correct Factor. Margin= Result-Limit. |          |          |                  |                |                 |                |        |        |

| Test Mode : 8DPSK TX Low                                                                                                                                                                                                           |          |          |                  |                |                 |                |        |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|----------------|-----------------|----------------|--------|--------|
| No.                                                                                                                                                                                                                                | Freq MHz | Polarity | Reading (dBuV/m) | Correct Factor | Result (dBuV/m) | Limit (dBuV/m) | Margin | Remark |
| 1                                                                                                                                                                                                                                  | 4804     | V        | 58.15            | -13.25         | 44.9            | 74             | -29.10 | Peak   |
| 2                                                                                                                                                                                                                                  | 4804     | V        | 47.79            | -13.25         | 34.54           | 54             | -19.46 | Avg    |
| 3                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4804     | H        | 57.8             | -13.25         | 44.55           | 74             | -29.45 | Peak   |
| 6                                                                                                                                                                                                                                  | 4804     | H        | 47.34            | -13.25         | 34.09           | 54             | -19.91 | Avg    |
| 7                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : 8DPSK TX Mid                                                                                                                                                                                                           |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4882     | V        | 57.14            | -13.25         | 43.89           | 74             | -30.11 | Peak   |
| 2                                                                                                                                                                                                                                  | 4882     | V        | 48.19            | -13.25         | 34.94           | 54             | -19.06 | Avg    |
| 3                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4882     | H        | 58.21            | -13.25         | 44.96           | 74             | -29.04 | Peak   |
| 6                                                                                                                                                                                                                                  | 4882     | H        | 48.32            | -13.25         | 35.07           | 54             | -18.93 | Avg    |
| 7                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : 8D PSK TX High                                                                                                                                                                                                         |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4960     | V        | 59.18            | -12.98         | 46.2            | 74             | -27.80 | Peak   |
| 2                                                                                                                                                                                                                                  | 4960     | V        | 47.95            | -12.98         | 34.97           | 54             | -19.03 | Avg    |
| 3                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4960     | H        | 58.14            | -12.98         | 45.16           | 74             | -28.84 | Peak   |
| 6                                                                                                                                                                                                                                  | 4960     | H        | 47.19            | -12.98         | 34.21           | 54             | -19.79 | Avg    |
| 7                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| Note: 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.<br>2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.<br>Result=Reading + Correct Factor. Margin= Result-Limit. |          |          |                  |                |                 |                |        |        |



| Bluetooth glasses Left                                                                                                                                                                                                             |          |          |                  |                |                 |                |        |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|----------------|-----------------|----------------|--------|--------|
| Test Mode : GFSK TX Low                                                                                                                                                                                                            |          |          |                  |                |                 |                |        |        |
| No.                                                                                                                                                                                                                                | Freq MHz | Polarity | Reading (dBuV/m) | Correct Factor | Result (dBuV/m) | Limit (dBuV/m) | Margin | Remark |
| 1                                                                                                                                                                                                                                  | 4804     | V        | 58.57            | -13.25         | 45.32           | 74             | -28.68 | Peak   |
| 2                                                                                                                                                                                                                                  | 4804     | V        | 47.31            | -13.25         | 34.06           | 54             | -19.94 | Avg    |
| 3                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4804     | H        | 57.24            | -13.25         | 43.99           | 74             | -30.01 | Peak   |
| 6                                                                                                                                                                                                                                  | 4804     | H        | 48.55            | -13.25         | 35.30           | 54             | -18.70 | Avg    |
| 7                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : GFSK TX Mid                                                                                                                                                                                                            |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4882     | V        | 57.95            | -12.98         | 44.97           | 74             | -29.03 | Peak   |
| 2                                                                                                                                                                                                                                  | 4882     | V        | 48.32            | -12.98         | 35.34           | 54             | -18.66 | Avg    |
| 3                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4882     | H        | 58.99            | -12.98         | 46.01           | 74             | -27.99 | Peak   |
| 6                                                                                                                                                                                                                                  | 4882     | H        | 48.74            | -12.98         | 35.76           | 54             | -18.24 | Avg    |
| 7                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : GFSK TX High                                                                                                                                                                                                           |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4960     | V        | 57.08            | -12.7          | 44.38           | 74             | -29.62 | Peak   |
| 2                                                                                                                                                                                                                                  | 4960     | V        | 48.17            | -12.7          | 35.47           | 54             | -18.53 | Avg    |
| 3                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4960     | H        | 59.28            | -12.7          | 46.58           | 74             | -27.42 | Peak   |
| 6                                                                                                                                                                                                                                  | 4960     | H        | 47.94            | -12.7          | 35.24           | 54             | -18.76 | Avg    |
| 7                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| Note: 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.<br>2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.<br>Result=Reading + Correct Factor. Margin= Result-Limit. |          |          |                  |                |                 |                |        |        |

| Test Mode : $\pi/4$ DQPSK TX Low                                                                                                                                                                                                   |          |          |                  |                |                 |                |        |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|----------------|-----------------|----------------|--------|--------|
| No.                                                                                                                                                                                                                                | Freq MHz | Polarity | Reading (dBuV/m) | Correct Factor | Result (dBuV/m) | Limit (dBuV/m) | Margin | Remark |
| 1                                                                                                                                                                                                                                  | 4804     | V        | 57.47            | -13.25         | 44.22           | 74             | -29.78 | Peak   |
| 2                                                                                                                                                                                                                                  | 4804     | V        | 47.36            | -13.25         | 34.11           | 54             | -19.89 | Avg    |
| 3                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4804     | H        | 60.04            | -13.25         | 46.79           | 74             | -27.21 | Peak   |
| 6                                                                                                                                                                                                                                  | 4804     | H        | 47.95            | -13.25         | 34.70           | 54             | -19.30 | Avg    |
| 7                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : $\pi/4$ DQPSK TX Mid                                                                                                                                                                                                   |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4882     | V        | 58.66            | -12.98         | 45.68           | 74             | -28.32 | Peak   |
| 2                                                                                                                                                                                                                                  | 4882     | V        | 48.91            | -12.98         | 35.93           | 54             | -18.07 | Avg    |
| 3                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4882     | H        | 59.35            | -12.98         | 46.37           | 74             | -27.63 | Peak   |
| 6                                                                                                                                                                                                                                  | 4882     | H        | 47.72            | -12.98         | 34.74           | 54             | -19.26 | Avg    |
| 7                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : $\pi/4$ DQPSK TX High                                                                                                                                                                                                  |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4960     | V        | 59.71            | -12.7          | 47.01           | 74             | -26.99 | Peak   |
| 2                                                                                                                                                                                                                                  | 4960     | V        | 48.46            | -12.7          | 35.76           | 54             | -18.24 | Avg    |
| 3                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4960     | H        | 57.41            | -12.7          | 44.71           | 74             | -29.29 | Peak   |
| 6                                                                                                                                                                                                                                  | 4960     | H        | 48.95            | -12.7          | 36.25           | 54             | -17.75 | Avg    |
| 7                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| Note: 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.<br>2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.<br>Result=Reading + Correct Factor. Margin= Result-Limit. |          |          |                  |                |                 |                |        |        |

| Test Mode : 8DPSK TX Low   |                                                                                                                                                                                                                              |          |                     |                   |                    |                   |        |        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------|-------------------|--------------------|-------------------|--------|--------|
| No.                        | Freq<br>MHz                                                                                                                                                                                                                  | Polarity | Reading<br>(dBuV/m) | Correct<br>Factor | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin | Remark |
| 1                          | 4804                                                                                                                                                                                                                         | V        | 58.35               | -13.25            | 45.10              | 74                | -28.90 | Peak   |
| 2                          | 4804                                                                                                                                                                                                                         | V        | 47.79               | -13.25            | 34.54              | 54                | -19.46 | Avg    |
| 3                          | 7206                                                                                                                                                                                                                         | --       | --                  | --                | --                 | --                | --     | --     |
| 4                          | 9608                                                                                                                                                                                                                         | --       | --                  | --                | --                 | --                | --     | --     |
| 5                          | 4804                                                                                                                                                                                                                         | H        | 57.80               | -13.25            | 44.55              | 74                | -29.45 | Peak   |
| 6                          | 4804                                                                                                                                                                                                                         | H        | 47.41               | -13.25            | 34.16              | 54                | -19.84 | Avg    |
| 7                          | 7206                                                                                                                                                                                                                         | --       | --                  | --                | --                 | --                | --     | --     |
| 8                          | 9608                                                                                                                                                                                                                         | --       | --                  | --                | --                 | --                | --     | --     |
| Test Mode : 8DPSK TX Mid   |                                                                                                                                                                                                                              |          |                     |                   |                    |                   |        |        |
| 1                          | 4882                                                                                                                                                                                                                         | V        | 57.27               | -13.25            | 44.02              | 74                | -29.98 | Peak   |
| 2                          | 4882                                                                                                                                                                                                                         | V        | 48.30               | -13.25            | 35.05              | 54                | -18.95 | Avg    |
| 3                          | 7323                                                                                                                                                                                                                         | --       | --                  | --                | --                 | --                | --     | --     |
| 4                          | 9764                                                                                                                                                                                                                         | --       | --                  | --                | --                 | --                | --     | --     |
| 5                          | 4882                                                                                                                                                                                                                         | H        | 58.26               | -13.25            | 45.01              | 74                | -28.99 | Peak   |
| 6                          | 4882                                                                                                                                                                                                                         | H        | 48.46               | -13.25            | 35.21              | 54                | -18.79 | Avg    |
| 7                          | 7323                                                                                                                                                                                                                         | --       | --                  | --                | --                 | --                | --     | --     |
| 8                          | 9764                                                                                                                                                                                                                         | --       | --                  | --                | --                 | --                | --     | --     |
| Test Mode : 8D PSK TX High |                                                                                                                                                                                                                              |          |                     |                   |                    |                   |        |        |
| 1                          | 4960                                                                                                                                                                                                                         | V        | 59.21               | -12.98            | 46.23              | 74                | -27.77 | Peak   |
| 2                          | 4960                                                                                                                                                                                                                         | V        | 47.98               | -12.98            | 35.00              | 54                | -19.00 | Avg    |
| 3                          | 7440                                                                                                                                                                                                                         | --       | --                  | --                | --                 | --                | --     | --     |
| 4                          | 9920                                                                                                                                                                                                                         | --       | --                  | --                | --                 | --                | --     | --     |
| 5                          | 4960                                                                                                                                                                                                                         | H        | 58.26               | -12.98            | 45.28              | 74                | -28.72 | Peak   |
| 6                          | 4960                                                                                                                                                                                                                         | H        | 47.38               | -12.98            | 34.40              | 54                | -19.60 | Avg    |
| 7                          | 7440                                                                                                                                                                                                                         | --       | --                  | --                | --                 | --                | --     | --     |
| 8                          | 9920                                                                                                                                                                                                                         | --       | --                  | --                | --                 | --                | --     | --     |
| Note:                      | 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.<br>2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.<br>Result=Reading + Correct Factor. Margin= Result-Limit. |          |                     |                   |                    |                   |        |        |

| Model:SG-11 PRO                                                                                                                                                                                                                    |          |          |                  |                |                 |                |        |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|----------------|-----------------|----------------|--------|--------|
| Bluetooth glasses Right                                                                                                                                                                                                            |          |          |                  |                |                 |                |        |        |
| Test Mode : GFSK TX Low                                                                                                                                                                                                            |          |          |                  |                |                 |                |        |        |
| No.                                                                                                                                                                                                                                | Freq MHz | Polarity | Reading (dBuV/m) | Correct Factor | Result (dBuV/m) | Limit (dBuV/m) | Margin | Remark |
| 1                                                                                                                                                                                                                                  | 4804     | V        | 58.51            | -13.25         | 45.26           | 74             | -28.74 | Peak   |
| 2                                                                                                                                                                                                                                  | 4804     | V        | 47.14            | -13.25         | 33.89           | 54             | -20.11 | Avg    |
| 3                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4804     | H        | 57.22            | -13.25         | 43.97           | 74             | -30.03 | Peak   |
| 6                                                                                                                                                                                                                                  | 4804     | H        | 48.61            | -13.25         | 35.36           | 54             | -18.64 | Avg    |
| 7                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : GFSK TX Mid                                                                                                                                                                                                            |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4882     | V        | 57.80            | -12.98         | 44.82           | 74             | -29.18 | Peak   |
| 2                                                                                                                                                                                                                                  | 4882     | V        | 48.18            | -12.98         | 35.20           | 54             | -18.80 | Avg    |
| 3                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4882     | H        | 59.05            | -12.98         | 46.07           | 74             | -27.93 | Peak   |
| 6                                                                                                                                                                                                                                  | 4882     | H        | 48.58            | -12.98         | 35.60           | 54             | -18.40 | Avg    |
| 7                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : GFSK TX High                                                                                                                                                                                                           |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4960     | V        | 57.17            | -12.7          | 44.47           | 74             | -29.53 | Peak   |
| 2                                                                                                                                                                                                                                  | 4960     | V        | 48.16            | -12.7          | 35.46           | 54             | -18.54 | Avg    |
| 3                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4960     | H        | 59.21            | -12.7          | 46.51           | 74             | -27.49 | Peak   |
| 6                                                                                                                                                                                                                                  | 4960     | H        | 48.05            | -12.7          | 35.35           | 54             | -18.65 | Avg    |
| 7                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| Note: 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.<br>2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.<br>Result=Reading + Correct Factor. Margin= Result-Limit. |          |          |                  |                |                 |                |        |        |



| Test Mode : $\pi/4$ DQPSK TX Low                                                                                                                                                                                                   |          |          |                  |                |                 |                |        |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|----------------|-----------------|----------------|--------|--------|
| No.                                                                                                                                                                                                                                | Freq MHz | Polarity | Reading (dBuV/m) | Correct Factor | Result (dBuV/m) | Limit (dBuV/m) | Margin | Remark |
| 1                                                                                                                                                                                                                                  | 4804     | V        | 57.47            | -13.25         | 44.22           | 74             | -29.78 | Peak   |
| 2                                                                                                                                                                                                                                  | 4804     | V        | 47.39            | -13.25         | 34.14           | 54             | -19.86 | Avg    |
| 3                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4804     | H        | 59.94            | -13.25         | 46.69           | 74             | -27.31 | Peak   |
| 6                                                                                                                                                                                                                                  | 4804     | H        | 48.00            | -13.25         | 34.75           | 54             | -19.25 | Avg    |
| 7                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : $\pi/4$ DQPSK TX Mid                                                                                                                                                                                                   |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4882     | V        | 58.74            | -12.98         | 45.76           | 74             | -28.24 | Peak   |
| 2                                                                                                                                                                                                                                  | 4882     | V        | 48.89            | -12.98         | 35.91           | 54             | -18.09 | Avg    |
| 3                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4882     | H        | 59.46            | -12.98         | 46.48           | 74             | -27.52 | Peak   |
| 6                                                                                                                                                                                                                                  | 4882     | H        | 47.59            | -12.98         | 34.61           | 54             | -19.39 | Avg    |
| 7                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : $\pi/4$ DQPSK TX High                                                                                                                                                                                                  |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4960     | V        | 59.61            | -12.7          | 46.91           | 74             | -27.09 | Peak   |
| 2                                                                                                                                                                                                                                  | 4960     | V        | 48.43            | -12.7          | 35.73           | 54             | -18.27 | Avg    |
| 3                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4960     | H        | 57.48            | -12.7          | 44.78           | 74             | -29.22 | Peak   |
| 6                                                                                                                                                                                                                                  | 4960     | H        | 48.79            | -12.7          | 36.09           | 54             | -17.91 | Avg    |
| 7                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| Note: 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.<br>2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.<br>Result=Reading + Correct Factor. Margin= Result-Limit. |          |          |                  |                |                 |                |        |        |

| Test Mode : 8DPSK TX Low                                                                                                                                                                                                           |             |          |                     |                   |                    |                   |        |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|---------------------|-------------------|--------------------|-------------------|--------|--------|
| No.                                                                                                                                                                                                                                | Freq<br>MHz | Polarity | Reading<br>(dBuV/m) | Correct<br>Factor | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin | Remark |
| 1                                                                                                                                                                                                                                  | 4804        | V        | 58.28               | -13.25            | 45.03              | 74                | -28.97 | Peak   |
| 2                                                                                                                                                                                                                                  | 4804        | V        | 47.96               | -13.25            | 34.71              | 54                | -19.29 | Avg    |
| 3                                                                                                                                                                                                                                  | 7206        | --       | --                  | --                | --                 | --                | --     | --     |
| 4                                                                                                                                                                                                                                  | 9608        | --       | --                  | --                | --                 | --                | --     | --     |
| 5                                                                                                                                                                                                                                  | 4804        | H        | 57.82               | -13.25            | 44.57              | 74                | -29.43 | Peak   |
| 6                                                                                                                                                                                                                                  | 4804        | H        | 47.45               | -13.25            | 34.20              | 54                | -19.80 | Avg    |
| 7                                                                                                                                                                                                                                  | 7206        | --       | --                  | --                | --                 | --                | --     | --     |
| 8                                                                                                                                                                                                                                  | 9608        | --       | --                  | --                | --                 | --                | --     | --     |
| Test Mode : 8DPSK TX Mid                                                                                                                                                                                                           |             |          |                     |                   |                    |                   |        |        |
| 1                                                                                                                                                                                                                                  | 4882        | V        | 57.31               | -13.25            | 44.06              | 74                | -29.94 | Peak   |
| 2                                                                                                                                                                                                                                  | 4882        | V        | 48.27               | -13.25            | 35.02              | 54                | -18.98 | Avg    |
| 3                                                                                                                                                                                                                                  | 7323        | --       | --                  | --                | --                 | --                | --     | --     |
| 4                                                                                                                                                                                                                                  | 9764        | --       | --                  | --                | --                 | --                | --     | --     |
| 5                                                                                                                                                                                                                                  | 4882        | H        | 58.31               | -13.25            | 45.06              | 74                | -28.94 | Peak   |
| 6                                                                                                                                                                                                                                  | 4882        | H        | 48.34               | -13.25            | 35.09              | 54                | -18.91 | Avg    |
| 7                                                                                                                                                                                                                                  | 7323        | --       | --                  | --                | --                 | --                | --     | --     |
| 8                                                                                                                                                                                                                                  | 9764        | --       | --                  | --                | --                 | --                | --     | --     |
| Test Mode : 8D PSK TX High                                                                                                                                                                                                         |             |          |                     |                   |                    |                   |        |        |
| 1                                                                                                                                                                                                                                  | 4960        | V        | 59.20               | -12.98            | 46.22              | 74                | -27.78 | Peak   |
| 2                                                                                                                                                                                                                                  | 4960        | V        | 48.12               | -12.98            | 35.14              | 54                | -18.86 | Avg    |
| 3                                                                                                                                                                                                                                  | 7440        | --       | --                  | --                | --                 | --                | --     | --     |
| 4                                                                                                                                                                                                                                  | 9920        | --       | --                  | --                | --                 | --                | --     | --     |
| 5                                                                                                                                                                                                                                  | 4960        | H        | 58.26               | -12.98            | 45.28              | 74                | -28.72 | Peak   |
| 6                                                                                                                                                                                                                                  | 4960        | H        | 47.37               | -12.98            | 34.39              | 54                | -19.61 | Avg    |
| 7                                                                                                                                                                                                                                  | 7440        | --       | --                  | --                | --                 | --                | --     | --     |
| 8                                                                                                                                                                                                                                  | 9920        | --       | --                  | --                | --                 | --                | --     | --     |
| Note: 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.<br>2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.<br>Result=Reading + Correct Factor. Margin= Result-Limit. |             |          |                     |                   |                    |                   |        |        |

| Bluetooth glasses Left                                                                                                                                                                                                             |          |          |                  |                |                 |                |        |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|----------------|-----------------|----------------|--------|--------|
| Test Mode : GFSK TX Low                                                                                                                                                                                                            |          |          |                  |                |                 |                |        |        |
| No.                                                                                                                                                                                                                                | Freq MHz | Polarity | Reading (dBuV/m) | Correct Factor | Result (dBuV/m) | Limit (dBuV/m) | Margin | Remark |
| 1                                                                                                                                                                                                                                  | 4804     | V        | 58.60            | -13.25         | 45.35           | 74             | -28.65 | Peak   |
| 2                                                                                                                                                                                                                                  | 4804     | V        | 47.45            | -13.25         | 34.20           | 54             | -19.80 | Avg    |
| 3                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4804     | H        | 57.31            | -13.25         | 44.06           | 74             | -29.94 | Peak   |
| 6                                                                                                                                                                                                                                  | 4804     | H        | 48.60            | -13.25         | 35.35           | 54             | -18.65 | Avg    |
| 7                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : GFSK TX Mid                                                                                                                                                                                                            |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4882     | V        | 57.99            | -12.98         | 45.01           | 74             | -28.99 | Peak   |
| 2                                                                                                                                                                                                                                  | 4882     | V        | 48.37            | -12.98         | 35.39           | 54             | -18.61 | Avg    |
| 3                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4882     | H        | 59.03            | -12.98         | 46.05           | 74             | -27.95 | Peak   |
| 6                                                                                                                                                                                                                                  | 4882     | H        | 48.84            | -12.98         | 35.86           | 54             | -18.14 | Avg    |
| 7                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : GFSK TX High                                                                                                                                                                                                           |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4960     | V        | 57.15            | -12.7          | 44.45           | 74             | -29.55 | Peak   |
| 2                                                                                                                                                                                                                                  | 4960     | V        | 48.25            | -12.7          | 35.55           | 54             | -18.45 | Avg    |
| 3                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4960     | H        | 59.33            | -12.7          | 46.63           | 74             | -27.37 | Peak   |
| 6                                                                                                                                                                                                                                  | 4960     | H        | 47.98            | -12.7          | 35.28           | 54             | -18.72 | Avg    |
| 7                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| Note: 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.<br>2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.<br>Result=Reading + Correct Factor. Margin= Result-Limit. |          |          |                  |                |                 |                |        |        |

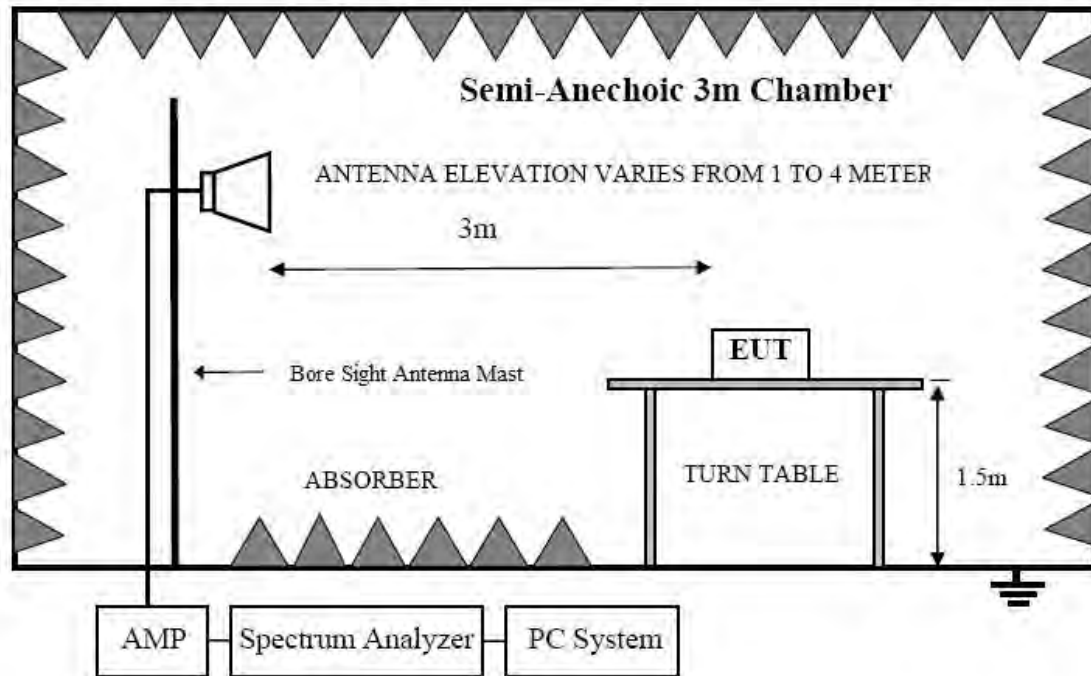
| Test Mode : $\pi/4$ DQPSK TX Low                                                                                                                                                                                                   |          |          |                  |                |                 |                |        |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|----------------|-----------------|----------------|--------|--------|
| No.                                                                                                                                                                                                                                | Freq MHz | Polarity | Reading (dBuV/m) | Correct Factor | Result (dBuV/m) | Limit (dBuV/m) | Margin | Remark |
| 1                                                                                                                                                                                                                                  | 4804     | V        | 57.51            | -13.25         | 44.22           | 74             | -29.78 | Peak   |
| 2                                                                                                                                                                                                                                  | 4804     | V        | 47.38            | -13.25         | 34.11           | 54             | -19.89 | Avg    |
| 3                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4804     | H        | 60.23            | -13.25         | 46.98           | 74             | -27.02 | Peak   |
| 6                                                                                                                                                                                                                                  | 4804     | H        | 48.05            | -13.25         | 34.80           | 54             | -19.20 | Avg    |
| 7                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : $\pi/4$ DQPSK TX Mid                                                                                                                                                                                                   |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4882     | V        | 58.74            | -12.98         | 45.76           | 74             | -28.24 | Peak   |
| 2                                                                                                                                                                                                                                  | 4882     | V        | 49.01            | -12.98         | 36.03           | 54             | -17.97 | Avg    |
| 3                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4882     | H        | 59.46            | -12.98         | 46.48           | 74             | -27.52 | Peak   |
| 6                                                                                                                                                                                                                                  | 4882     | H        | 47.89            | -12.98         | 34.91           | 54             | -19.09 | Avg    |
| 7                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : $\pi/4$ DQPSK TX High                                                                                                                                                                                                  |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4960     | V        | 59.86            | -12.7          | 47.16           | 74             | -26.84 | Peak   |
| 2                                                                                                                                                                                                                                  | 4960     | V        | 48.47            | -12.7          | 35.77           | 54             | -18.23 | Avg    |
| 3                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4960     | H        | 57.44            | -12.7          | 44.74           | 74             | -29.26 | Peak   |
| 6                                                                                                                                                                                                                                  | 4960     | H        | 49.07            | -12.7          | 36.37           | 54             | -17.63 | Avg    |
| 7                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| Note: 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.<br>2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.<br>Result=Reading + Correct Factor. Margin= Result-Limit. |          |          |                  |                |                 |                |        |        |

| Test Mode : 8DPSK TX Low   |                                                                                                                                                                                                                                                                                                                                                                               |          |                  |                |                 |                |        |        |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|----------------|-----------------|----------------|--------|--------|
| No.                        | Freq MHz                                                                                                                                                                                                                                                                                                                                                                      | Polarity | Reading (dBuV/m) | Correct Factor | Result (dBuV/m) | Limit (dBuV/m) | Margin | Remark |
| 1                          | 4804                                                                                                                                                                                                                                                                                                                                                                          | V        | 58.44            | -13.25         | 45.19           | 74             | -28.81 | Peak   |
| 2                          | 4804                                                                                                                                                                                                                                                                                                                                                                          | V        | 47.83            | -13.25         | 34.58           | 54             | -19.42 | Avg    |
| 3                          | 7206                                                                                                                                                                                                                                                                                                                                                                          | --       | --               | --             | --              | --             | --     | --     |
| 4                          | 9608                                                                                                                                                                                                                                                                                                                                                                          | --       | --               | --             | --              | --             | --     | --     |
| 5                          | 4804                                                                                                                                                                                                                                                                                                                                                                          | H        | 57.99            | -13.25         | 44.74           | 74             | -29.26 | Peak   |
| 6                          | 4804                                                                                                                                                                                                                                                                                                                                                                          | H        | 47.49            | -13.25         | 34.24           | 54             | -19.76 | Avg    |
| 7                          | 7206                                                                                                                                                                                                                                                                                                                                                                          | --       | --               | --             | --              | --             | --     | --     |
| 8                          | 9608                                                                                                                                                                                                                                                                                                                                                                          | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : 8DPSK TX Mid   |                                                                                                                                                                                                                                                                                                                                                                               |          |                  |                |                 |                |        |        |
| 1                          | 4882                                                                                                                                                                                                                                                                                                                                                                          | V        | 57.46            | -13.25         | 44.21           | 74             | -29.79 | Peak   |
| 2                          | 4882                                                                                                                                                                                                                                                                                                                                                                          | V        | 48.47            | -13.25         | 35.22           | 54             | -18.78 | Avg    |
| 3                          | 7323                                                                                                                                                                                                                                                                                                                                                                          | --       | --               | --             | --              | --             | --     | --     |
| 4                          | 9764                                                                                                                                                                                                                                                                                                                                                                          | --       | --               | --             | --              | --             | --     | --     |
| 5                          | 4882                                                                                                                                                                                                                                                                                                                                                                          | H        | 58.43            | -13.25         | 45.18           | 74             | -28.82 | Peak   |
| 6                          | 4882                                                                                                                                                                                                                                                                                                                                                                          | H        | 48.53            | -13.25         | 35.28           | 54             | -18.72 | Avg    |
| 7                          | 7323                                                                                                                                                                                                                                                                                                                                                                          | --       | --               | --             | --              | --             | --     | --     |
| 8                          | 9764                                                                                                                                                                                                                                                                                                                                                                          | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : 8D PSK TX High |                                                                                                                                                                                                                                                                                                                                                                               |          |                  |                |                 |                |        |        |
| 1                          | 4960                                                                                                                                                                                                                                                                                                                                                                          | V        | 59.40            | -12.98         | 46.42           | 74             | -27.58 | Peak   |
| 2                          | 4960                                                                                                                                                                                                                                                                                                                                                                          | V        | 48.06            | -12.98         | 35.08           | 54             | -18.92 | Avg    |
| 3                          | 7440                                                                                                                                                                                                                                                                                                                                                                          | --       | --               | --             | --              | --             | --     | --     |
| 4                          | 9920                                                                                                                                                                                                                                                                                                                                                                          | --       | --               | --             | --              | --             | --     | --     |
| 5                          | 4960                                                                                                                                                                                                                                                                                                                                                                          | H        | 58.38            | -12.98         | 45.40           | 74             | -28.60 | Peak   |
| 6                          | 4960                                                                                                                                                                                                                                                                                                                                                                          | H        | 47.53            | -12.98         | 34.55           | 54             | -19.45 | Avg    |
| 7                          | 7440                                                                                                                                                                                                                                                                                                                                                                          | --       | --               | --             | --              | --             | --     | --     |
| 8                          | 9920                                                                                                                                                                                                                                                                                                                                                                          | --       | --               | --             | --              | --             | --     | --     |
| Note:                      | <p>1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.</p> <p>2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.<br/>Result=Reading + Correct Factor. Margin= Result-Limit.</p> <p>3. All series models have been tested and only the worst series model data is reflected. The worst series model is: SG-11 PRO</p> |          |                  |                |                 |                |        |        |



## 10. Band Edge Test

### 10.1. Block Diagram of Test Setup



### 10.2. Test Limit

Radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Please refer section RSS-GEN&15.247.

### 10.3. Test Procedure

Refer to ANSI C 63.10, Clause 6.10.

All restriction band and non- restriction band have been tested, only worse case is reported.

## 10.4. Test Results

|               |               |             |       |
|---------------|---------------|-------------|-------|
| Test Date     | : 2025. 3. 11 | Temperature | : 26℃ |
| Test Engineer | : Felix Pang  | Humidity    | : 54% |
| Test Results  | : <b>PASS</b> |             |       |

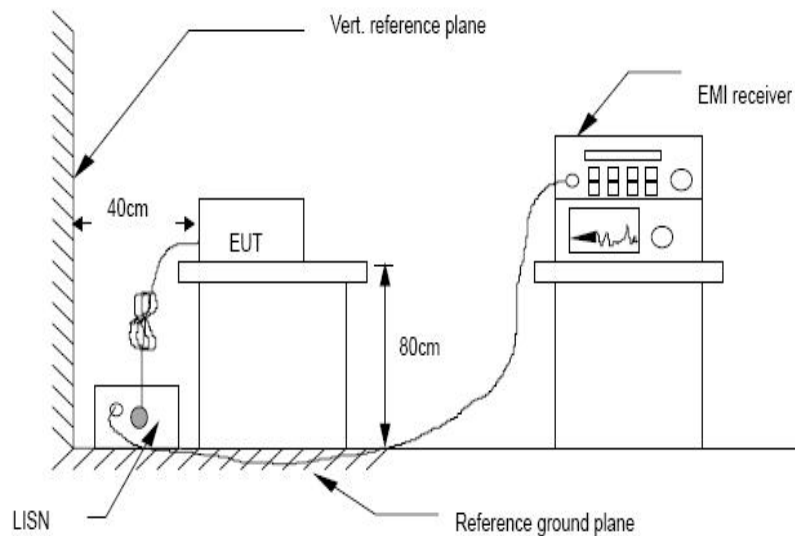
| Frequency Range : <b>2310MHz~2410MHz</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|----------------|-----------------|----------------|--------|--------|
| Test Mode : GFSK TX 2402MHz              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| No.                                      | Freq MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Polarity | Reading (dBuV/m) | Correct Factor | Result (dBuV/m) | Limit (dBuV/m) | Margin | Remark |
| 1                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | 62.55            | -20.45         | 42.1            | 74             | -31.9  | Peak   |
| 2                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | --               | -20.45         | --              | 54             | --     | Avg    |
| 3                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | 62.95            | -20.41         | 42.54           | 74             | -31.46 | Peak   |
| 4                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | --               | -20.41         | --              | 54             | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| 1                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | 62.13            | -20.45         | 41.68           | 74             | -32.32 | Peak   |
| 2                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | --               | -20.45         | --              | 54             | --     | Avg    |
| 3                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | 62.43            | -20.41         | 42.02           | 74             | -31.98 | Peak   |
| 4                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | --               | -20.41         | --              | 54             | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| Frequency Range : <b>2450MHz~2550MHz</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| Test Mode : GFSK TX 2480MHz              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| 1                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | H        | 62.94            | -20.15         | 42.79           | 74             | -31.21 | Peak   |
| 2                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | H        | --               | -20.15         | --              | 54             | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| 3                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | V        | 62.37            | -20.15         | 42.22           | 74             | -31.78 | Peak   |
| 4                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | V        | --               | -20.15         | --              | 54             | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| Note:                                    | <p>1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.</p> <p>2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.<br/>Result=Reading + Correct Factor. Margin= Result-Limit.</p> <p>3. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.</p> |          |                  |                |                 |                |        |        |

| Frequency Range : <b>2310MHz~2410MHz</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|----------------|-----------------|----------------|--------|--------|
| Test Mode : $\pi/4$ DQPSK TX 2402MHz     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| No.                                      | Freq MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Polarity | Reading (dBuV/m) | Correct Factor | Result (dBuV/m) | Limit (dBuV/m) | Margin | Remark |
| 1                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | 62.82            | -20.45         | 42.37           | 74             | -31.63 | Peak   |
| 2                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | --               | -20.45         | --              | 54             | --     | Avg    |
| 3                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | 62.03            | -20.41         | 41.62           | 74             | -32.38 | Peak   |
| 4                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | --               | -20.41         | --              | 54             | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| 1                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | 62.41            | -20.45         | 41.96           | 74             | -32.04 | Peak   |
| 2                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | --               | -20.45         | --              | 54             | --     | Avg    |
| 3                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | 62.12            | -20.41         | 41.71           | 74             | -32.29 | Peak   |
| 4                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | --               | -20.41         | --              | 54             | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| Frequency Range : <b>2450MHz~2550MHz</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| Test Mode : $\pi/4$ DQPSK TX 2480MHz     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| 1                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | H        | 62.26            | -20.15         | 42.11           | 74             | -31.89 | Peak   |
| 2                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | H        | --               | -20.15         | --              | 54             | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| 3                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | V        | 62.51            | -20.15         | 42.36           | 74             | -31.64 | Peak   |
| 4                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | V        | --               | -20.15         | --              | 54             | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| Note:                                    | <p>1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.</p> <p>2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.<br/>Result=Reading + Correct Factor. Margin= Result-Limit.</p> <p>3. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.</p> |          |                  |                |                 |                |        |        |

| Frequency Range : <b>2310MHz~2410MHz</b>                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |          |                  |                |                 |                |        |        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|----------------|-----------------|----------------|--------|--------|
| Test Mode : 8DPSK TX 2402MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |          |                  |                |                 |                |        |        |
| No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Freq MHz | Polarity | Reading (dBuV/m) | Correct Factor | Result (dBuV/m) | Limit (dBuV/m) | Margin | Remark |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2390     | H        | 62.58            | -20.45         | 42.13           | 74             | -31.87 | Peak   |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2390     | H        | --               | -20.45         | --              | 54             | --     | Avg    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2400     | H        | 62.55            | -20.41         | 42.14           | 74             | -31.86 | Peak   |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2400     | H        | --               | -20.41         | --              | 54             | --     | Avg    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2390     | V        | 62.68            | -20.45         | 42.23           | 74             | -31.77 | Peak   |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2390     | V        | --               | -20.45         | --              | 54             | --     | Avg    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2400     | V        | 62.08            | -20.41         | 41.67           | 74             | -32.33 | Peak   |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2400     | V        | --               | -20.41         | --              | 54             | --     | Avg    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |                  |                |                 |                |        |        |
| Frequency Range : <b>2450MHz~2550MHz</b>                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |          |                  |                |                 |                |        |        |
| Test Mode : 8DPSK TX 2480MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2483.5   | H        | 62.25            | -20.15         | 42.1            | 74             | -31.9  | Peak   |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2483.5   | H        | --               | -20.15         | --              | 54             | --     | Avg    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |                  |                |                 |                |        |        |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2483.5   | V        | 62.73            | -20.15         | 42.58           | 74             | -31.42 | Peak   |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2483.5   | V        | --               | -20.15         | --              | 54             | --     | Avg    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |                  |                |                 |                |        |        |
| Note: 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin.<br>2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain.<br>Result=Reading + Correct Factor. Margin= Result-Limit.<br>3. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out. |          |          |                  |                |                 |                |        |        |

## 11. Power Line Conducted Emissions

### 11.1. Block Diagram of Test Setup



### 11.2. Limit

| Frequency       | Maximum RF Line Voltage          |                               |
|-----------------|----------------------------------|-------------------------------|
|                 | Quasi-Peak Level<br>dB( $\mu$ V) | Average Level<br>dB( $\mu$ V) |
| 150kHz ~ 500kHz | 66 ~ 56*                         | 56 ~ 46*                      |
| 500kHz ~ 5MHz   | 56                               | 46                            |
| 5MHz ~ 30MHz    | 60                               | 50                            |

Notes: 1. \* Decreasing linearly with logarithm of frequency.  
2. The lower limit shall apply at the transition frequencies.

### 11.3. Test Procedure

- (1) The EUT was placed on a non-metallic table, 80cm above the ground plane.
- (2) Setup the EUT and simulator as shown in 10.1
- (3) The EUT Power connected to the power mains through a power adapter and a line impedance stabilization network (L.I.S.N1). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N2), this provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). Both sides of power line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.10:2013on conducted Emission test.
- (4) The bandwidth of test receiver is set at 10KHz.
- (5) The frequency range from 150 KHz to 30MHz is checked.



#### 11.4. Test Results

The EUT is powered by rechargeable battery(DC 3.7V) and the Bluetooth does not work when charging , the test item is not applicable.



## 12.Frequency stability

### 12.1.Test limit

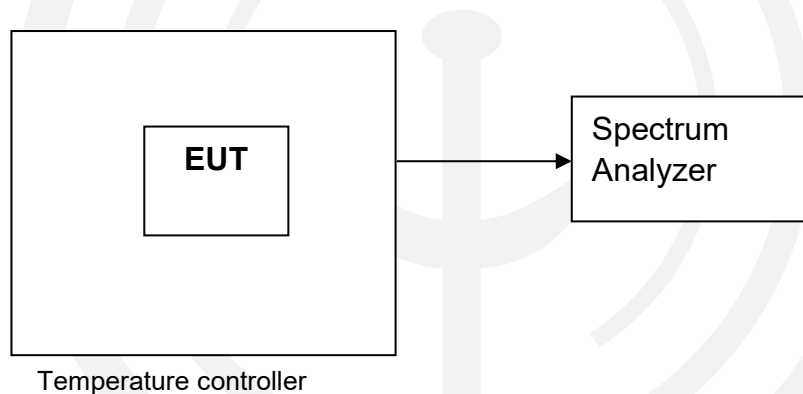
Please refer section RSS-Gen.

Regulation RSS-Gen If the frequency stability of the licence-exempt radio apparatus is not specified in the applicable RSS, the fundamental emissions of the radio apparatus should be kept within at least the central 80% of its permitted operating frequency band in order to minimize the possibility of out-of-band operation. In addition, its occupied bandwidth shall be entirely outside the restricted bands and the prohibited TV bands of 54-72 MHz, 76-88 MHz, 174-216 MHz, and 470-602 MHz, unless otherwise indicated.

### 12.2.Test Procedure

The following equipment are installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

### 12.3.Test Setup



### 12.4.Test Results

Not Applicable.

## 13. Antenna Requirements

### 13.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203 and RSS-GEN, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

### 13.2. Result

The EUT antenna is PCB antenna. It complies with the standard requirement.



## 14.Photos of test setup

Reference to the **appendix I Test Setup Photo** for details.

## 15.Photos of EUT

Reference to the **appendix II external photos** and **appendix III internal photos** for details.

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

