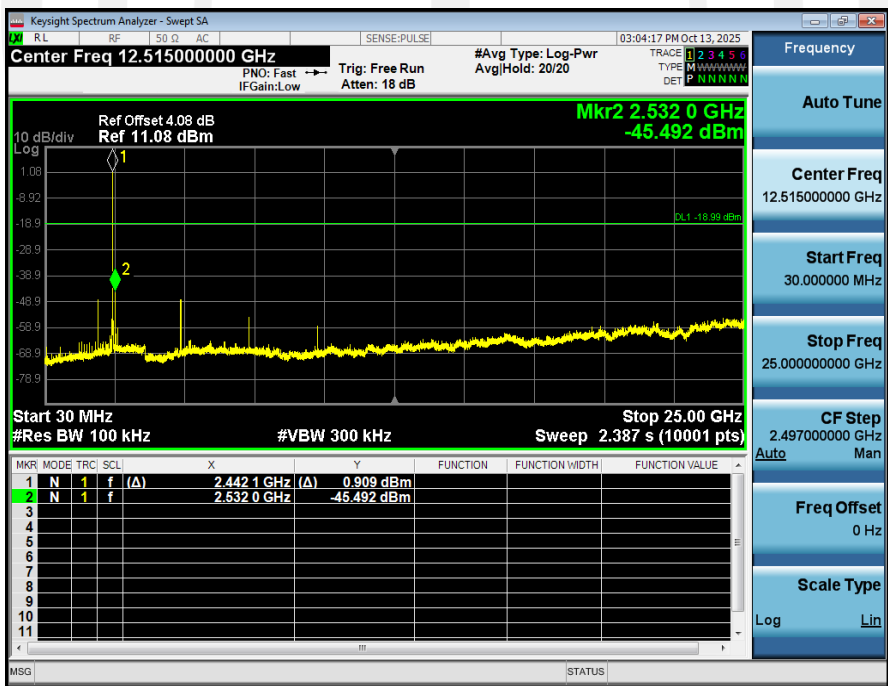


1\_Reference\_Level\_NVNT\_ANT1\_3-DH1\_2441\_00



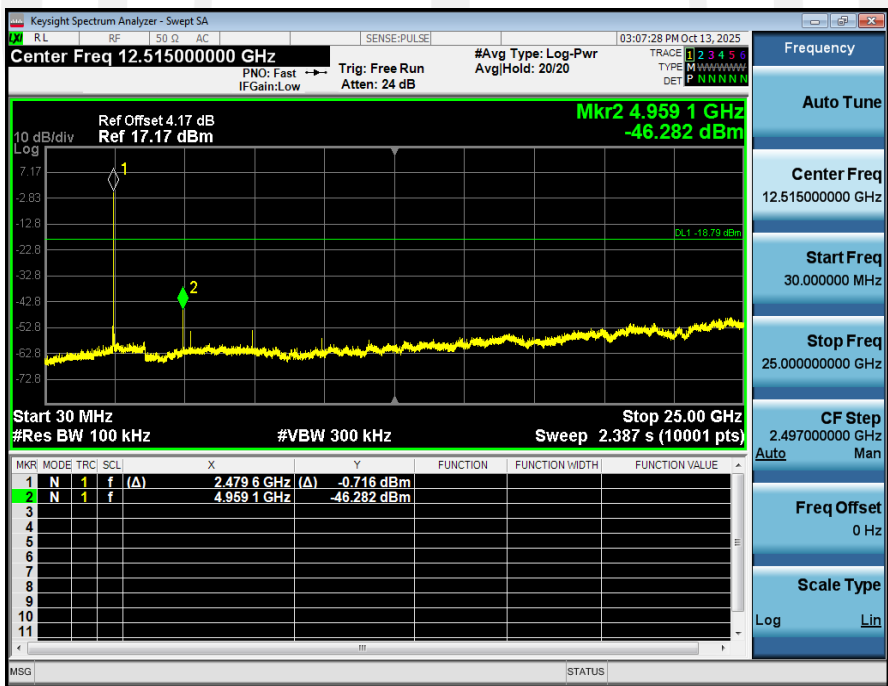
2\_Spurious\_Emissions\_NVNT\_ANT1\_3-DH1\_2441\_00



1\_Reference\_Level\_NVNT\_ANT1\_3-DH1\_2480\_00



2\_Spurious\_Emissions\_NVNT\_ANT1\_3-DH1\_2480\_00



## 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                                                                             |                                   |
|------------------|--------------------|---------------------------------------------------------------------------------------------------|-----------------------------------|
|                  |                    | $\mu\text{V/m}$                                                                                   | $\text{dB}(\mu\text{V})/\text{m}$ |
| 0.009-0.490      | 300                | $2400/\text{F}(\text{KHz})$                                                                       | /                                 |
| 0.490-1.705      | 30                 | $24000/\text{F}(\text{KHz})$                                                                      | /                                 |
| 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 ( $\mu\text{V/m}$ at 3 m) |
|-----------------|------------------------------------------|
| 30 – 88         | 100                                      |
| 88 – 216        | 150                                      |
| 216 – 960       | 200                                      |
| Above 960       | 500                                      |

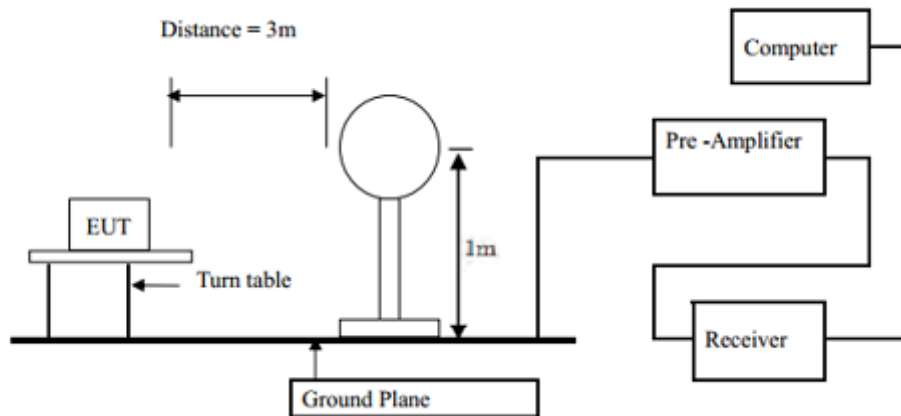
**Table 6 – General field strength limits at frequencies below 30 MHz**

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

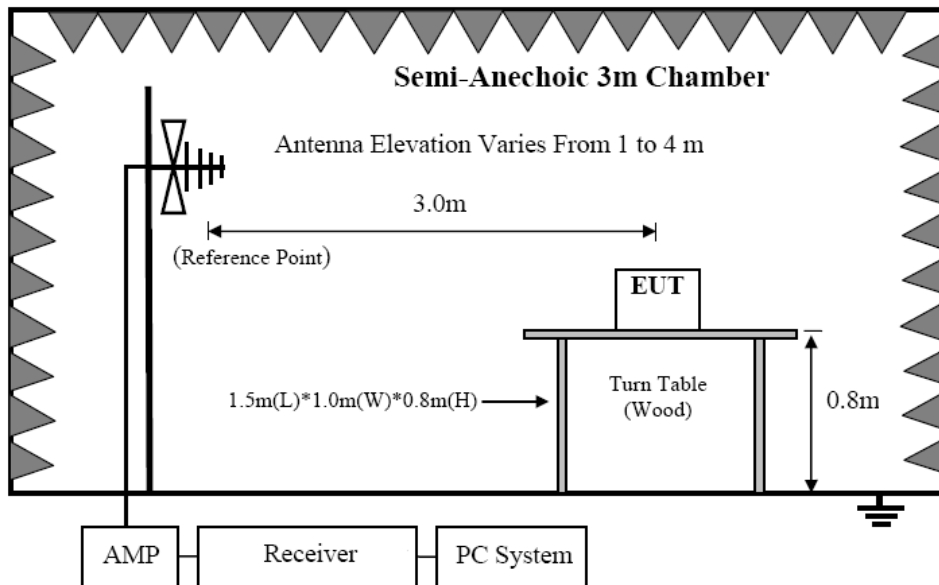
**Note 1:** The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

## 9.2. Block Diagram of Test setup

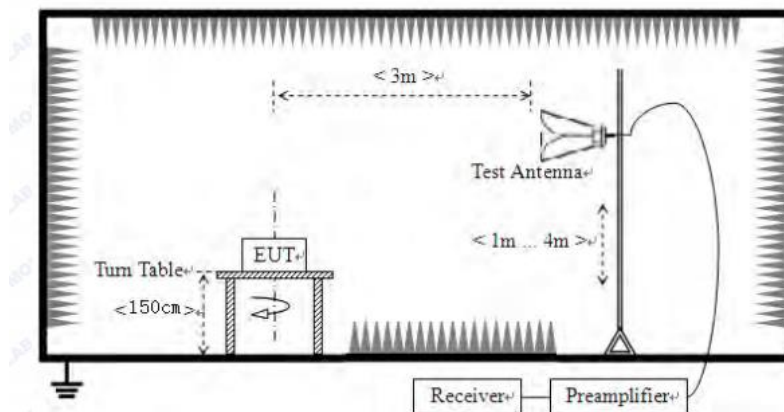
### 9.2.1 In 3m Anechoic Chamber Test Setup Diagram for below 30MHz



### 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) The EUT is placed on a non-metallic tabletop. For false radiation emission tests below 1G, the distance between the equipment and the ground surface is 80 cm; for false radiation emission tests above 1G, the distance is 1.5 meters. The equipment is situated within a semi-attenuating cavity.
- (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 C63.10:2020on 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.

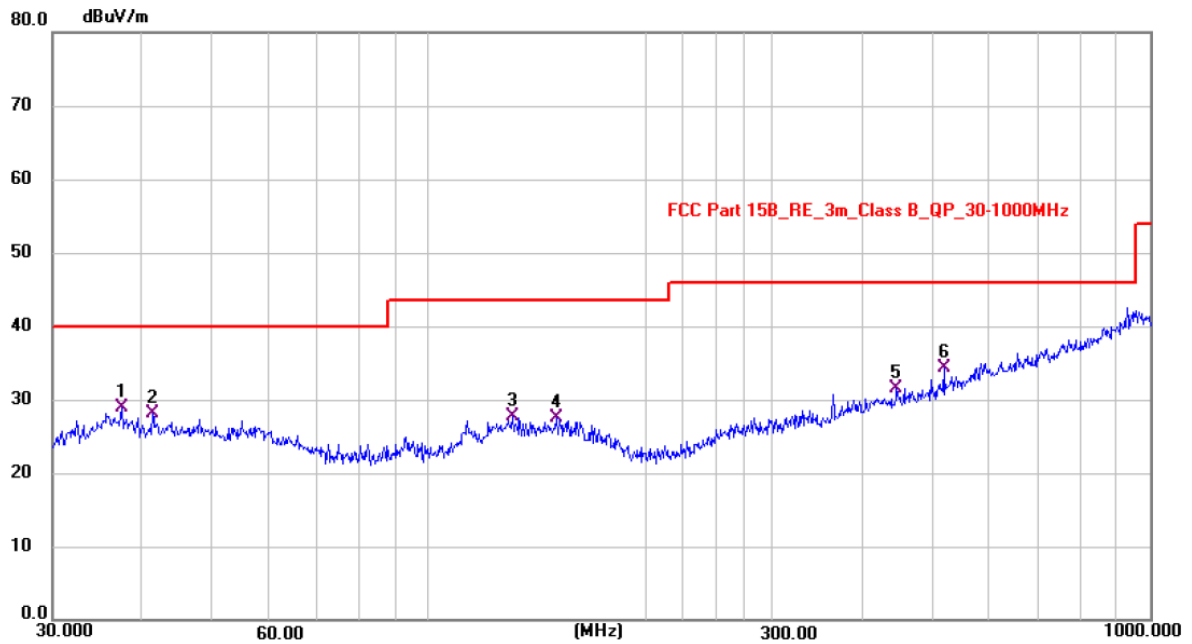
### 9.4. Test Results

We have scanned from 9kHz to the 10th harmonic of the EUT's highest frequency.

Detailed information please see the following page.

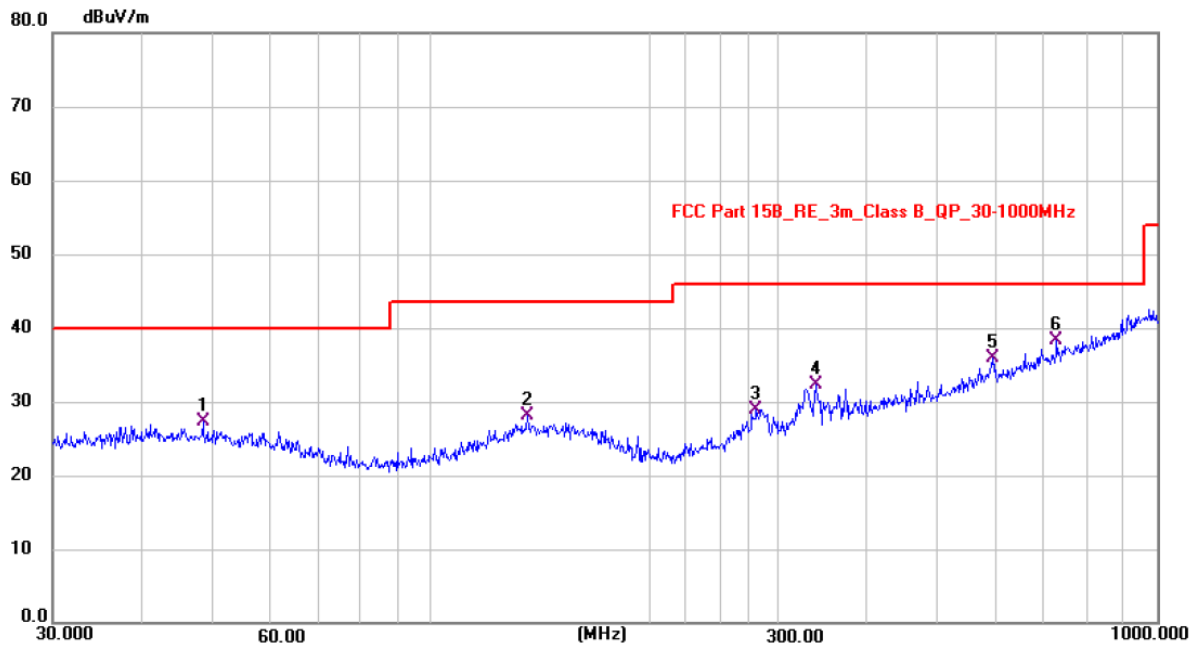
|                             |                                                                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| From 9KHz to 30MHz:         |                                                                                                                                    |
| Test Date : 2025.10.14      | Temperature : 26°C                                                                                                                 |
| Test Engineer : Felix Pang  | Humidity : 54%                                                                                                                     |
| Test Mode : GFSK mode       |                                                                                                                                    |
| Test Voltage : AC 120V/60Hz |                                                                                                                                    |
| Test Results : <b>PASS</b>  |                                                                                                                                    |
| Note:                       | 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 : 2025.10.14      | Temperature : 26℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Test Engineer : Felix Pang  | Humidity : 54%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Test Mode : GFSK mode       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Test Voltage : AC 120V/60Hz |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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 GFSK mode, Channel 2402MHz (DC 5V) was listed in this report.</li></ol> |

**Polarization: Vertical**

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|
| 1 * | 37.4329         | 14.46          | 14.45         | 28.91          | 40.00          | -11.09      | QP       |
| 2   | 41.4034         | 13.47          | 14.55         | 28.02          | 40.00          | -11.98      | QP       |
| 3   | 130.4933        | 13.66          | 14.10         | 27.76          | 43.50          | -15.74      | QP       |
| 4   | 150.2741        | 12.36          | 15.12         | 27.48          | 43.50          | -16.02      | QP       |
| 5   | 446.2185        | 12.83          | 18.75         | 31.58          | 46.00          | -14.42      | QP       |
| 6   | 518.1556        | 14.27          | 20.13         | 34.40          | 46.00          | -11.60      | QP       |

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

**Polarization: Horizontal**

| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|
| 1   | 48.3740         | 12.93          | 14.33         | 27.26          | 40.00          | -12.74      | QP       |
| 2   | 135.8034        | 13.74          | 14.38         | 28.12          | 43.50          | -15.38      | QP       |
| 3   | 280.8843        | 14.77          | 14.18         | 28.95          | 46.00          | -17.05      | QP       |
| 4   | 338.9940        | 16.41          | 15.83         | 32.24          | 46.00          | -13.76      | QP       |
| 5   | 594.3508        | 13.94          | 22.05         | 35.99          | 46.00          | -10.01      | QP       |
| 6 * | 727.4426        | 13.71          | 24.57         | 38.28          | 46.00          | -7.72       | QP       |

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

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| From 1GHz to 25GHz:                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Test Date : 2025.10.14                      | Temperature : 26℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Test Engineer : Felix Pang                  | Humidity : 54%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Test Mode : GFSK, $\pi/4$ DQPSK, 8DPSK mode |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Test Voltage : AC 120V/60Hz                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 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> |

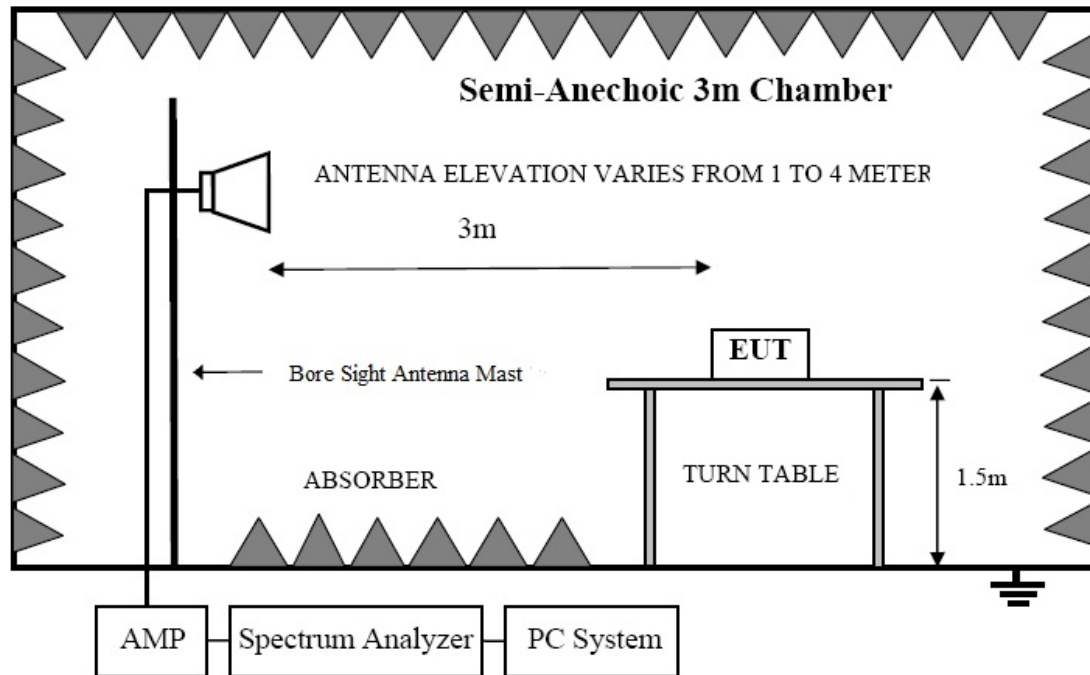
| Test Mode : GFSK TX Low                                                                                                                                                                                                            |          |          |                  |                |                 |                |        |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|----------------|-----------------|----------------|--------|--------|
| No.                                                                                                                                                                                                                                | Freq MHz | Polarity | Reading (dBuV/m) | Correct Factor | Result (dBuV/m) | Limit (dBuV/m) | Margin | Remark |
| 1                                                                                                                                                                                                                                  | 4804     | V        | 56.59            | -13.25         | 43.34           | 74.00          | -30.66 | Peak   |
| 2                                                                                                                                                                                                                                  | 4804     | V        | 47.62            | -13.25         | 34.37           | 54.00          | -19.63 | Avg    |
| 3                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4804     | H        | 55.89            | -13.25         | 42.64           | 74.00          | -31.36 | Peak   |
| 6                                                                                                                                                                                                                                  | 4804     | H        | 46.97            | -13.25         | 33.72           | 54.00          | -20.28 | Avg    |
| 7                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : GFSK TX Mid                                                                                                                                                                                                            |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4882     | V        | 59.87            | -12.98         | 46.89           | 74.00          | -27.11 | Peak   |
| 2                                                                                                                                                                                                                                  | 4882     | V        | 46.81            | -12.98         | 33.83           | 54.00          | -20.17 | Avg    |
| 3                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4882     | H        | 57.02            | -12.98         | 44.04           | 74.00          | -29.96 | Peak   |
| 6                                                                                                                                                                                                                                  | 4882     | H        | 47.56            | -12.98         | 34.58           | 54.00          | -19.42 | Avg    |
| 7                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : GFSK TX High                                                                                                                                                                                                           |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4960     | V        | 57.99            | -12.70         | 45.29           | 74.00          | -28.71 | 57.99  |
| 2                                                                                                                                                                                                                                  | 4960     | V        | 49.78            | -12.70         | 37.08           | 54.00          | -16.92 | 49.78  |
| 3                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4960     | H        | 55.91            | -12.70         | 43.21           | 74.00          | -30.79 | 55.91  |
| 6                                                                                                                                                                                                                                  | 4960     | H        | 47.70            | -12.70         | 35.00           | 54.00          | -19.00 | 47.70  |
| 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        | 58.22            | -13.25         | 44.97           | 74.00          | -29.03 | Peak   |
| 2                                                                                                                                                                                                                                  | 4804     | V        | 50.42            | -13.25         | 37.17           | 54.00          | -16.83 | Avg    |
| 3                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4804     | H        | 56.94            | -13.25         | 43.69           | 74.00          | -30.31 | Peak   |
| 6                                                                                                                                                                                                                                  | 4804     | H        | 44.69            | -13.25         | 31.44           | 54.00          | -22.56 | Avg    |
| 7                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : $\pi/4$ DQPSK TX Mid                                                                                                                                                                                                   |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4882     | V        | 56.56            | -12.98         | 43.58           | 74.00          | -30.42 | Peak   |
| 2                                                                                                                                                                                                                                  | 4882     | V        | 47.65            | -12.98         | 34.67           | 54.00          | -19.33 | Avg    |
| 3                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4882     | H        | 56.42            | -12.98         | 43.44           | 74.00          | -30.56 | Peak   |
| 6                                                                                                                                                                                                                                  | 4882     | H        | 48.39            | -12.98         | 35.41           | 54.00          | -18.59 | Avg    |
| 7                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : $\pi/4$ DQPSK TX High                                                                                                                                                                                                  |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4960     | V        | 57.91            | -12.70         | 45.21           | 74.00          | -28.79 | Peak   |
| 2                                                                                                                                                                                                                                  | 4960     | V        | 49.70            | -12.70         | 37.00           | 54.00          | -17.00 | Avg    |
| 3                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4960     | H        | 56.73            | -12.70         | 44.03           | 74.00          | -29.97 | Peak   |
| 6                                                                                                                                                                                                                                  | 4960     | H        | 44.66            | -12.70         | 31.96           | 54.00          | -22.04 | 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        | 59.91            | -13.25         | 46.66           | 74.00          | -27.34 | Peak   |
| 2                                                                                                                                                                                                                                  | 4804     | V        | 50.24            | -13.25         | 36.99           | 54.00          | -17.01 | Avg    |
| 3                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4804     | H        | 58.32            | -13.25         | 45.07           | 74.00          | -28.93 | Peak   |
| 6                                                                                                                                                                                                                                  | 4804     | H        | 47.81            | -13.25         | 34.56           | 54.00          | -19.44 | Avg    |
| 7                                                                                                                                                                                                                                  | 7206     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9608     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : 8DPSK TX Mid                                                                                                                                                                                                           |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4882     | V        | 58.45            | -12.98         | 45.47           | 74.00          | -28.53 | Peak   |
| 2                                                                                                                                                                                                                                  | 4882     | V        | 48.25            | -12.98         | 35.27           | 54.00          | -18.73 | Avg    |
| 3                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4882     | H        | 54.62            | -12.98         | 41.64           | 74.00          | -32.36 | Peak   |
| 6                                                                                                                                                                                                                                  | 4882     | H        | 48.34            | -12.98         | 35.36           | 54.00          | -18.64 | Avg    |
| 7                                                                                                                                                                                                                                  | 7323     | --       | --               | --             | --              | --             | --     | --     |
| 8                                                                                                                                                                                                                                  | 9764     | --       | --               | --             | --              | --             | --     | --     |
| Test Mode : 8D PSK TX High                                                                                                                                                                                                         |          |          |                  |                |                 |                |        |        |
| 1                                                                                                                                                                                                                                  | 4960     | V        | 59.95            | -12.70         | 47.25           | 74.00          | -26.75 | Peak   |
| 2                                                                                                                                                                                                                                  | 4960     | V        | 47.83            | -12.70         | 35.13           | 54.00          | -18.87 | Avg    |
| 3                                                                                                                                                                                                                                  | 7440     | --       | --               | --             | --              | --             | --     | --     |
| 4                                                                                                                                                                                                                                  | 9920     | --       | --               | --             | --              | --             | --     | --     |
| 5                                                                                                                                                                                                                                  | 4960     | H        | 56.48            | -12.70         | 43.78           | 74.00          | -30.22 | Peak   |
| 6                                                                                                                                                                                                                                  | 4960     | H        | 46.89            | -12.70         | 34.19           | 54.00          | -19.81 | 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. |          |          |                  |                |                 |                |        |        |

## 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     | : 2025.10.14  | Temperature | : 26°C |
| Test Engineer | : Felix Pang  | Humidity    | : 54%  |
| Test Results  | : <b>PASS</b> |             |        |

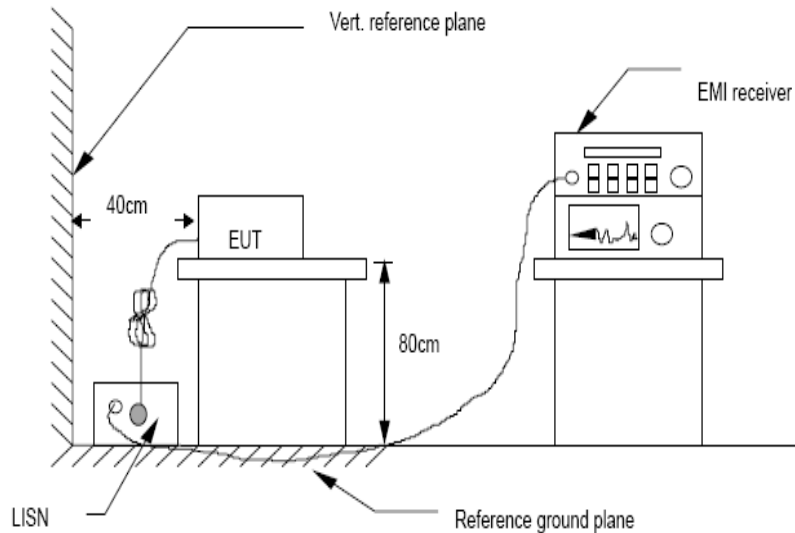
| Frequency Range : <b>2310MHz~2410MHz</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|----------------|-----------------|----------------|--------|--------|
| 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        | 60.86            | -20.45         | 40.41           | 74.00          | -33.59 | Peak   |
| 2                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | --               | -20.45         | --              | 54.00          | --     | Avg    |
| 3                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | 62.16            | -20.41         | 41.75           | 74.00          | -32.25 | Peak   |
| 4                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | --               | -20.41         | --              | 54.00          | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| 1                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | 61.07            | -20.45         | 40.62           | 74.00          | -33.38 | Peak   |
| 2                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | --               | -20.45         | --              | 54.00          | --     | Avg    |
| 3                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | 63.62            | -20.41         | 43.21           | 74.00          | -30.79 | Peak   |
| 4                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | --               | -20.41         | --              | 54.00          | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| Frequency Range : <b>2450MHz~2550MHz</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| Test Mode : GFSK TX 2480MHz              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| 1                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | H        | 60.51            | -20.15         | 40.36           | 74.00          | -33.64 | Peak   |
| 2                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | H        | --               | -20.15         | --              | 54.00          | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| 1                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | V        | 63.85            | -20.15         | 43.70           | 74.00          | -30.30 | Peak   |
| 2                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | V        | --               | -20.15         | --              | 54.00          | --     | 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        | 59.32            | -20.45         | 38.87           | 74.00          | -35.13 | Peak   |
| 2                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | --               | -20.45         | --              | 54.00          | --     | Avg    |
| 3                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | 63.94            | -20.41         | 43.53           | 74.00          | -30.47 | Peak   |
| 4                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | --               | -20.41         | --              | 54.00          | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| 1                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | 61.95            | -20.45         | 41.50           | 74.00          | -32.50 | Peak   |
| 2                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | --               | -20.45         | --              | 54.00          | --     | Avg    |
| 3                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | 65.04            | -20.41         | 44.63           | 74.00          | -29.37 | Peak   |
| 4                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | --               | -20.41         | --              | 54.00          | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| Frequency Range : <b>2450MHz~2550MHz</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| Test Mode : $\pi/4$ DQPSK TX 2480MHz     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| 1                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | H        | 62.14            | -20.15         | 41.99           | 74.00          | -32.01 | Peak   |
| 2                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | H        | --               | -20.15         | --              | 54.00          | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| 1                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | V        | 63.47            | -20.15         | 43.32           | 74.00          | -30.68 | Peak   |
| 2                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | V        | --               | -20.15         | --              | 54.00          | --     | 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        | 59.33            | -20.45         | 38.88           | 74.00          | -35.12 | Peak   |
| 2                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | --               | -20.45         | --              | 54.00          | --     | Avg    |
| 3                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | 63.39            | -20.41         | 42.98           | 74.00          | -31.02 | Peak   |
| 4                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | H        | --               | -20.41         | --              | 54.00          | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| 1                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | 63.24            | -20.45         | 42.79           | 74.00          | -31.21 | Peak   |
| 2                                        | 2390                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | --               | -20.45         | --              | 54.00          | --     | Avg    |
| 3                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | 62.65            | -20.41         | 42.24           | 74.00          | -31.76 | Peak   |
| 4                                        | 2400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | V        | --               | -20.41         | --              | 54.00          | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| Frequency Range : <b>2450MHz~2550MHz</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| Test Mode : 8DPSK TX 2480MHz             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| 1                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | H        | 61.43            | -20.15         | 41.28           | 74.00          | -32.72 | Peak   |
| 2                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | H        | --               | -20.15         | --              | 54.00          | --     | Avg    |
|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |                |                 |                |        |        |
| 1                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | V        | 64.16            | -20.15         | 44.01           | 74.00          | -29.99 | Peak   |
| 2                                        | 2483.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | V        | --               | -20.15         | --              | 54.00          | --     | 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> |          |                  |                |                 |                |        |        |

## 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.

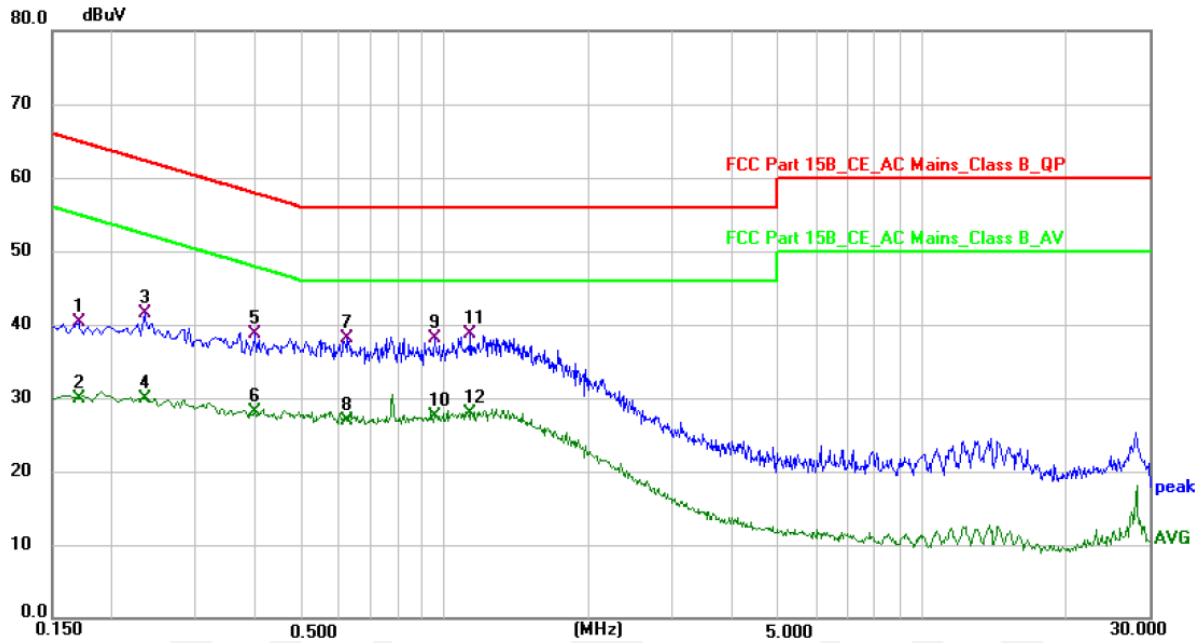
### 11.3. Test Procedure

- (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 C63.10:2020 on 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

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |       |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------|
| Test Date     | : 2025.10.14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Temperature | : 24℃ |
| Test Engineer | : Felix Pang                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Humidity    | : 56% |
| Test Mode     | : GFSK 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><li>4. All modes have been tested, and only worst data of GFSK mode, Channel 2402MHz (AC 120V/60Hz) was listed in this report.</li></ol> |             |       |

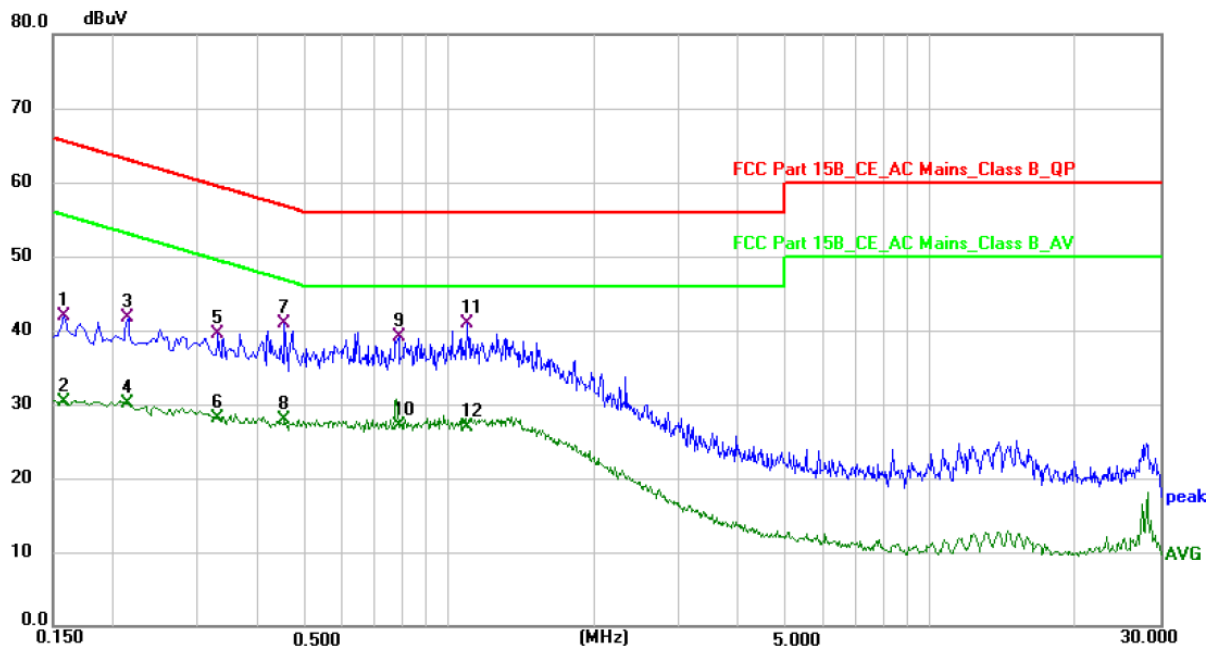
## Polarization: L



| No.  | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|------|-----------------|----------------|-------------|--------------|--------------|-------------|----------|
| 1    | 0.1700          | 30.32          | 9.94        | 40.26        | 64.96        | -24.70      | QP       |
| 2    | 0.1700          | 20.01          | 9.94        | 29.95        | 54.96        | -25.01      | AVG      |
| 3    | 0.2340          | 31.58          | 9.96        | 41.54        | 62.31        | -20.77      | QP       |
| 4    | 0.2340          | 19.97          | 9.96        | 29.93        | 52.31        | -22.38      | AVG      |
| 5    | 0.3980          | 29.05          | 9.63        | 38.68        | 57.90        | -19.22      | QP       |
| 6    | 0.3980          | 18.38          | 9.63        | 28.01        | 47.90        | -19.89      | AVG      |
| 7    | 0.6260          | 28.41          | 9.61        | 38.02        | 56.00        | -17.98      | QP       |
| 8    | 0.6260          | 17.31          | 9.61        | 26.92        | 46.00        | -19.08      | AVG      |
| 9    | 0.9500          | 28.67          | 9.41        | 38.08        | 56.00        | -17.92      | QP       |
| 10   | 0.9500          | 18.04          | 9.41        | 27.45        | 46.00        | -18.55      | AVG      |
| 11 * | 1.1300          | 29.34          | 9.41        | 38.75        | 56.00        | -17.25      | QP       |
| 12   | 1.1300          | 18.40          | 9.41        | 27.81        | 46.00        | -18.19      | AVG      |

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

## Polarization: N



| No.  | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector |
|------|-----------------|----------------|-------------|--------------|--------------|-------------|----------|
| 1    | 0.1580          | 32.02          | 9.82        | 41.84        | 65.57        | -23.73      | QP       |
| 2    | 0.1580          | 20.41          | 9.82        | 30.23        | 55.57        | -25.34      | AVG      |
| 3    | 0.2140          | 31.61          | 10.01       | 41.62        | 63.05        | -21.43      | QP       |
| 4    | 0.2140          | 20.06          | 10.01       | 30.07        | 53.05        | -22.98      | AVG      |
| 5    | 0.3300          | 29.71          | 9.71        | 39.42        | 59.45        | -20.03      | QP       |
| 6    | 0.3300          | 18.40          | 9.71        | 28.11        | 49.45        | -21.34      | AVG      |
| 7    | 0.4540          | 31.23          | 9.67        | 40.90        | 56.80        | -15.90      | QP       |
| 8    | 0.4540          | 18.31          | 9.67        | 27.98        | 46.80        | -18.82      | AVG      |
| 9    | 0.7860          | 29.40          | 9.70        | 39.10        | 56.00        | -16.90      | QP       |
| 10   | 0.7860          | 17.38          | 9.70        | 27.08        | 46.00        | -18.92      | AVG      |
| 11 * | 1.0900          | 31.40          | 9.49        | 40.89        | 56.00        | -15.11      | QP       |
| 12   | 1.0900          | 17.50          | 9.49        | 26.99        | 46.00        | -19.01      | AVG      |

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

## 12. Frequency stability

### 12.1. Test limit

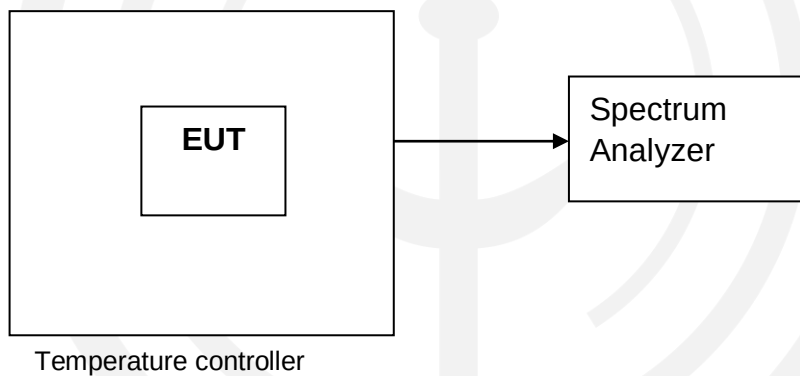
Please refer section RSS-Gen.

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 internal 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-----

