# Certificate of Test

| NCT CO., LTD.<br>211-71, Geumgok-ro, Hwaseong-si, Gyeonggi-do, 18511, Republic of Korea<br>(Tel: +82-31-323-6070 / Fax: +82-31-323-6071) | Report No.:<br>NW2410-F002<br><br>Page (1) / (23) | NCT |
|---|---|---|

1. **Client**
   - ○ Name : CMITECH Co.,Ltd.
   - ○ Address : 4th floor office#417-419, 136, LS-ro, Dongan-gu, Anyang-si Gyeonggi-do Republic of Korea 14118
   - ○ Date of Receipt : 2024-08-28

2. **Use of Report :** FCC Approval

3. **Test Sample**
   - ○ Description / Model : IRIS CAMERA / EF-70-PI
   - ○ FCC ID : 2AJY5-EF-70-PI

4. **Place of Test :** ■ Fixed test □ Field test
   (Address:211-71, Geumgok-ro, Hwaseong-si, Gyeonggi-do, 18511, Republic of Korea)

5. **Date of Test :** 2024-09-05 ~ 2024-10-15

6. **Test method used :** FCC Part 15 Subpart C 15.247

7. **Testing Environment :**
   - ○ Temperature: (25 ± 5) °C, Humidity: Less than 75 % R.H.
   - * Unless specified otherwise in the individual methods, the tests were conducted on ambient conditions.

8. **Test Results :** Refer to the test results

The results shown in this test report refer only to the sample(s) tested unless otherwise stated.
This Test Report cannot be reproduced, except in full
This test report is not related to KOLAS recognition and RRA designation.

| Affirmation | **Tested by**<br>Jiwon, Hong (signature) | **Technical Manager**<br>Il-shin, Kim (signature) |
|---|---|---|

**Oct 28, 2024**

**NCT CO., LTD.** (Seal)

Contact us at report@nct.re.kr to confirm the authenticity of this report

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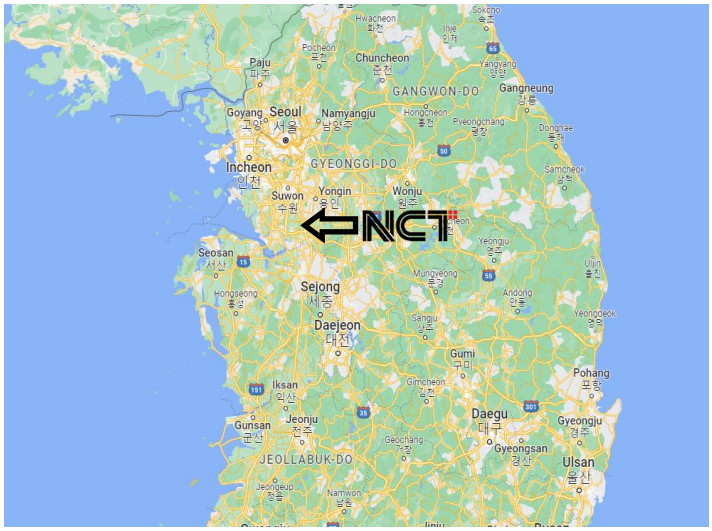
**211-71, Geumgok-ro, Hwaseong-si, Gyeonggi-do, Korea 18511**
**www.nct.re.kr TEL: +82-31-323-6070 FAX: +82-31-323-6071**

# 1. General Information's

## 1.1 Test Performed

| | | |
|---|---|---|
| Laboratory | : | NCT Co., Ltd. |
| Address | : | 211-71, Geumgok-ro, Hwaseong-si, Gyeonggi-do, 18511, Korea |
| Telephone | : | +82-31-323-6070 |
| Facsimile | : | +82-31-323-6071 |
| FCC Designation No. | : | KR0166 |
| FCC Registration Number | : | 409631 |

## 1.2 Site Map




# 2. Information's about Test Item

## 2.1 Applicant Information

| | | |
|---|---|---|
| Company name | : | CMITECH Co.,Ltd. |
| Address | : | 4th floor office#417-419, 136, LS-ro, Dongan-gu, Anyang-si Gyeonggi-do Republic of Korea 14118 |
| Telephone | : | +82-70-8633-8459 |
| Facsimile | : | +82-31-624-4490 |

## 2.2 Equipment Information

| | |
|---|---|
| Equipment description | IRIS CAMERA |
| Model and/or type reference | EF-70-PI |
| Additional model name[see section 2.4] | EF-70-P, EF-70-I, FXT, EF-70 |
| Serial number | Prototype |
| EUT condition | Pre-production, not damaged |
| Number of channels | Bluetooth LE 1M:40 ch |
| Modulation type | Bluetooth LE 1M:40: GFSK |
| EUT power source | DC 15.0 V(Adaptor) / DC 48.0 V(PoE) |
| Hardware version | V 1.0 |
| Software version | V 1.00 |
| Test software name(version) | - |

## 2.3 Antenna Information

| Type | Model name | Gain | Note. |
|---|---|---|---|
| Chip antenna | AT3216-B2R7HAAT/LF | 0.5 dBi | For Bluetooth LE 1M |

## 2.4 Model different description

| Model Name | | Difference |
|---|---|---|
| **Basic Model** | EF-70-PI | Include BLE/NFC/USIM/POE/HID HW License |
| **Family Model ①** | EF-70-P | Include BLE/NFC/USIM/POE<br>Exclude HID HW License |
| **Family Model ②** | EF-70-I | Include BLE/NFC/USIM/HID HW License<br>Exclude POE |
| **Family Model ③** | FXT | Eye Lock OEM Model<br>It is identical to the EF-70-I model |
| **Family Model ④** | EF-70 | Include BLE/NFC/USIM<br>Exclude POE/HID HW License |

## 2.5 Tested Frequency

| LE 1M | Low frequency | Middle frequency | High frequency |
|---|---|---|---|
| **Frequency (MHz)** | 2 402 | 2 440 | 2 480 |

# 3. Test Report

## 3.1 Test Summary

| Applied | Test Items | Clause | Test Condition | Result |
|---|---|---|---|---|
| ☒ | Antenna Requirement | 15.203 | - | C |
| ☒ | 6 dB Bandwidth | 15.247(e) | Conducted | NT Note 3 |
| ☒ | Maximum Peak Output Power | 15.247(b) | | NT Note 3 |
| ☒ | Peak Power Spectral Density | 15.247(e) | | NT Note 3 |
| ☒ | Conducted Spurious Emission | 15.247(d) | | NT Note 3 |
| ☒ | Radiated Spurious Emission | 15.247(d)<br>15.205 & 15.209 | | C |
| ☒ | Conducted Emissions | 15.207 | AC Line Conducted | C |

*Note 1*: C=Complies NC=Not Complies NT=Not Tested NA=Not Applicable

*Note 2*: This test item was performed in each axis and the worst case data was reported.

*Note 3*: LE 1M mode test is not performed because it was tested on the certified RF module.

Refer to the test report of module for the detailed results. (Test report No.: 283004-2)

The sample was tested according to the following specification: ANSI C63.10:2020

Compliance was determined by specification limits of the applicable standard according to customer requirements.

### 3.2 Test Report Version

| Test Report No. | Date | Description |
|---|---|---|
| NW2410-F002 | 2024-10-28 | Initial issue |
| | | |
| | | |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## 3.3 Transmitter Requirements

### 3.3.1 Antenna Requirement

Accoding to §15.203 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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Accoding to §15.247(b)(4) e conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### 3.3.1.1 Result

Complies
(The transmitter has a Chip Antenna.)

## 3.3.2 Conducted Emission

### 3.3.2.1 Test Setup

See test photographs for the actual connections between EUT and support equipment.

### 3.3.2.2 Limit

According to §15.207(a) for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 uH/50 ohm line impedance stabilization network (LISN).
Compliance with the provision of this paragraph shall on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower applies at the boundary between the frequency ranges.

| Frequency Range (MHz) | Conducted Limit (dBuV) | |
|---|---|---|
| | Quasi-Peak | **Average** |
| 0.15 ~ 0.5 | 66 to 56 * | 56 to 46 * |
| 0.5 ~ 5 | 56 | 46 |
| 5 ~ 30 | 60 | 50 |

* Decreases with the logarithm of the frequency

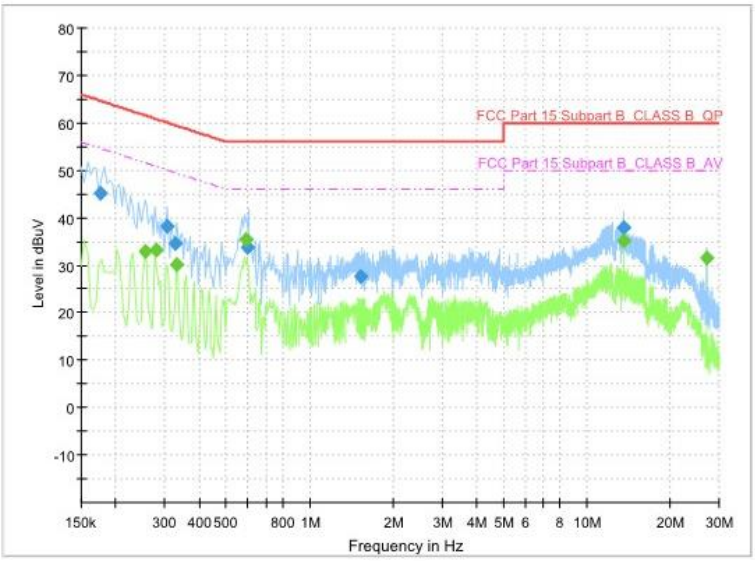
### 3.3.2.3 Test Procedure

Conducted emissions from the EUT were measured according to the ANSI C63.10.

1. The test procedure is performed in a 6.5 m × 3.5 m × 3.5 m (L × W × H) shielded room. The EUT along with its peripherals were placed on a 1.0 m (W) × 1.5 m (L) and 0.8 m in height wooden table and the EUT was adjusted to maintain a 0.4 meter space from a vertical reference plane.
2. The EUT was connected to power mains through a line impedance stabilization network (LISN) which provides 50 ohm coupling impedance for measuring instrument and the chassis ground was bounded to the horizontal ground plane of shielded room.
3. All peripherals were connected to the second LISN and the chassis ground also bounded to the horizontal ground plane of shielded room.
4. The excess power cable between the EUT and the LISN was bundled. The power cables of peripherals were unbundled. All connecting cables of EUT and peripherals were moved to find the maximum emission.

### 3.3.2.4 Test Result

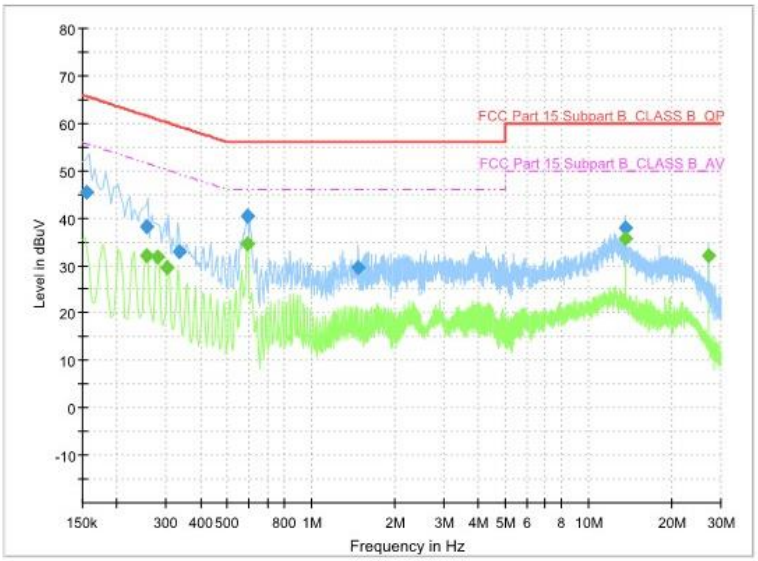
- **AC Line Conducted Emission (Graph)**
- **LINE**




**Final Result**

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|
| 0.176000 | 45.15 | --- | 64.67 | 19.53 | 1000.0 | 9.000 | L1 | 9.8 |
| 0.256000 | --- | 32.86 | 51.56 | 18.70 | 1000.0 | 9.000 | L1 | 9.8 |
| 0.280000 | --- | 33.17 | 50.82 | 17.64 | 1000.0 | 9.000 | L1 | 9.8 |
| 0.306000 | 38.24 | --- | 60.08 | 21.84 | 1000.0 | 9.000 | L1 | 9.8 |
| 0.328000 | 34.52 | --- | 59.50 | 24.99 | 1000.0 | 9.000 | L1 | 9.8 |
| 0.332000 | --- | 30.26 | 49.40 | 19.14 | 1000.0 | 9.000 | L1 | 9.8 |
| 0.588000 | --- | 35.38 | 46.00 | 10.62 | 1000.0 | 9.000 | L1 | 10.0 |
| 0.600000 | 33.79 | --- | 56.00 | 22.21 | 1000.0 | 9.000 | L1 | 10.0 |
| 1.532000 | 27.76 | --- | 56.00 | 28.24 | 1000.0 | 9.000 | L1 | 10.3 |
| 13.560000 | 37.83 | --- | 60.00 | 22.17 | 1000.0 | 9.000 | L1 | 10.7 |
| 13.560000 | --- | 35.20 | 50.00 | 14.80 | 1000.0 | 9.000 | L1 | 10.7 |
| 27.120000 | --- | 31.66 | 50.00 | 18.34 | 1000.0 | 9.000 | L1 | 11.0 |

- **NEUTRAL**




**Final Result**

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|---|---|
| 0.156000 | 45.41 | --- | 65.67 | 20.26 | 1000.0 | 9.000 | N | 9.8 |
| 0.256000 | 38.34 | --- | 61.56 | 23.22 | 1000.0 | 9.000 | N | 9.8 |
| 0.256000 | --- | 31.96 | 51.56 | 19.60 | 1000.0 | 9.000 | N | 9.8 |
| 0.280000 | --- | 31.82 | 50.82 | 19.00 | 1000.0 | 9.000 | N | 9.8 |
| 0.304000 | --- | 29.59 | 50.13 | 20.54 | 1000.0 | 9.000 | N | 9.8 |
| 0.334000 | 32.85 | --- | 59.35 | 26.50 | 1000.0 | 9.000 | N | 9.8 |
| 0.588000 | --- | 34.63 | 46.00 | 11.37 | 1000.0 | 9.000 | N | 10.0 |
| 0.588000 | 40.57 | --- | 56.00 | 15.43 | 1000.0 | 9.000 | N | 10.0 |
| 1.480000 | 29.62 | --- | 56.00 | 26.38 | 1000.0 | 9.000 | N | 10.2 |
| 13.560000 | 37.87 | --- | 60.00 | 22.13 | 1000.0 | 9.000 | N | 10.6 |
| 13.560000 | --- | 35.64 | 50.00 | 14.36 | 1000.0 | 9.000 | N | 10.6 |
| 27.120000 | --- | 32.18 | 50.00 | 17.82 | 1000.0 | 9.000 | N | 11.0 |

## 3.3.3 Radiated Spurious Emission

### 3.3.3.1 Test Setup

Refer to the APPENDIX I.

### 3.3.3.2 Limit

According to §15.247(d), in any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph(b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in section §15.209(a) is not required. In addition, radiated emission which in the restricted band, as define in section §15.205(a), must also comply the radiated emission limits specified in section §15.209(a) (see section §15.205(c))

According to § 15.209(a), except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table

| Frequency (MHz) | Limit (uV/m) | Measurement Distance (meter) |
|---|---|---|
| 0.009 ~ 0.490 | 2400/F (kHz) | 300 |
| 0.490 ~ 1705 | 24000/F (kHz) | 30 |
| 1705 ~ 30.0 | 30 | 30 |
| 30 ~ 88 | 100 ** | 3 |
| 88 ~ 216 | 150 ** | 3 |
| 216 ~ 960 | 200 ** | 3 |
| Above 960 | 500 | 3 |

** Except as provided in 15.209(g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54 - 72 MHz, 76 - 88 MHz, 174 - 216 MHz or 470 – 806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g. 15.231 and 15.241.

According to § 15.205(a) and (b), only spurious emissions are permitted in any of the frequency bands listed below:

| MHz | MHz | MHz | GHz |
|---|---|---|---|
| 0.009 ~ 0.110 | 16.42 ~ 16.423 | 399.90 ~ 410 | 4.5 ~ 5.15 |
| 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. | 1435 ~ 1626.5 | 9.0 ~ 9.2 |
| 4.20725 ~ 4.20775 | 25 73 ~ 74.6 | 1645.5 ~ 1646.5 | 9.3 ~ 9.5 |
| 4.17725 ~ 4.17775 | 74.8 ~ 75.2 | 1660 ~ 1710 | 10.6 ~ 12.7 |
| 6.215 ~ 6.218 | 108 ~ 121.94 | 1718.8 ~ 1722.2 | 13.25 ~ 13.4 |
| 6.26775 ~ 6.26825 | 149.9 ~ 150.05 | 2200 ~ 2300 | 14.47 ~ 14.5 |
| 6.31175 ~ 6.31225 | 156.52475 ~ 156.52525 | 2310 ~ 2390 | 15.35 ~ 16.2 |
| 8.291 ~ 8.294 | 156.7 ~ 156.9 | 2483.5 ~ 2500 | 17.7 ~ 21.4 |
| 8.362 ~ 8.366 | 162.0125 ~ 167.17 | 2690 ~ 2900 | 22.01 ~ 23.12 |
| 8.37625 ~ 8.38675 | 3345.8 ~ 3358 | 3260 ~ 3267 | 23.6 ~ 24.0 |
| 8.41425 ~ 8.41475 | 3600 ~ 4400 | 3332 ~ 3339 | 31.2 ~ 31.8 |
| 12.51975 ~ 12.52025 | 3345.8 ~ 3358 | 240 ~ 285 | 36.43 ~ 36.5 |
| 12.57675 ~ 12.57725 | 3600 ~ 4400 | 322 ~ 335.4 | Above 38.6 |
| 13.36 ~ 13.41 | | | |

The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in §15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in §15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in §15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in §15.35 apply to these measurements.

### 3.3.3.3 Test Procedure for Radiated Spurious Emission

1. The EUT is placed on a non-conductive table. For emission measurements at or below 1 GHz, the table height is 80 cm. For emission measurements above 1 GHz, the table height is 1.5 m. The table was rotated 360 degrees to determine the position of the highest radiation.

2. During performing radiated emission below 1 GHz, the EUT was set 3 meters away from the interference receiving antenna, which was mounted on the top of a variable-height antenna tower. During performing radiated emission above 1 GHz, the EUT was set 1 or 3 meter away from the interference-receiving antenna.

3. For measurements above 1 GHz absorbers are placed on the floor between the turn table and the antenna mast in such a way so as to maximize the reduction of reflections. For measurements below 1 GHz, the absorbers are removed.

4. The antenna is a Broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

5. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the table was turned from 0 degrees to 360 degrees to find the maximum reading.
   (The EUT was pre-tested with three axes (X, Y, Z) and the final test was performed at the worst case.)

6. Repeat above procedures until the measurements for all frequencies are complete.

**Measurement Instrument Setting**

1. Frequency Range: Below 1 GHz
   RBW = 100 or 120 kHz, VBW = 3 x RBW, Detector = Peak or Quasi Peak

2. Frequency Range: Above 1 GHz

   Peak Measurement
   RBW = 1 MHz, VBW = 3 MHz, Detector = Peak, Sweep time = Auto,
   Trace mode = Max Hold until the trace stabilizes

   Average Measurement
   RBW = 1 MHz, VBW = 3 MHz, Detector = RMS (Number of points ≥ 2 x Span / RBW),
   Trace Mode = Average (Averaging type = power(i.e. RMS)), Sweep Time = Auto,
   Sweep Count = at least 100 traces

   A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:

   1) If power averaging (RMS) mode was used in step 4, then the applicable correction factor is 10 log(1/x), where x is the duty cycle.
   2) If linear voltage averaging mode was used in step 4, then the applicable correction factor is 20 log(1/x), where x is the duty cycle.
   3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than tuming on and off with the transmit cycle, then no duty cycle correction is required for that emission.

### 3.3.3.4 Test Result

**-Below 1 GHz Data**

- Low frequency_BLE 1M_Adaptor

| Test Condition | | Frequency (MHz) | Detector | Pol (V/H) | Reading (dBuV) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|---|---|
| NT | NV | 36.01 | QP | V | 59.42 | -23.20 | 36.22 | 40.00 | 3.78 |
| NT | NV | 41.93 | QP | V | 58.42 | -23.10 | 35.32 | 40.00 | 4.68 |
| NT | NV | 296.94 | QP | H | 64.32 | -23.00 | 41.32 | 46.00 | 4.68 |
| NT | NV | 479.98 | QP | V | 62.47 | -18.10 | 44.37 | 46.00 | 1.63 |
| NT | NV | 780.00 | QP | H | 54.67 | -12.50 | 42.17 | 46.00 | 3.83 |
| NT | NV | 959.94 | QP | V | 52.33 | -10.20 | 42.13 | 48.00 | 5.87 |

- Low frequency_BLE 1M_PoE

| Test Condition | | Frequency (MHz) | Detector | Pol (V/H) | Reading (dBuV) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|---|---|
| NT | NV | 36.01 | QP | V | 59.66 | -23.20 | 36.46 | 40.00 | 3.54 |
| NT | NV | 41.93 | QP | V | 60.54 | -23.10 | 37.44 | 40.00 | 2.56 |
| NT | NV | 296.94 | QP | H | 61.69 | -23.00 | 38.69 | 46.00 | 7.31 |
| NT | NV | 479.98 | QP | H | 61.46 | -18.10 | 43.36 | 46.00 | 2.64 |
| NT | NV | 960.04 | QP | H | 47.92 | -10.20 | 37.72 | 54.00 | 16.28 |

**-Above 1 GHz Data**

- Low frequency_BLE 1M_Adaptor

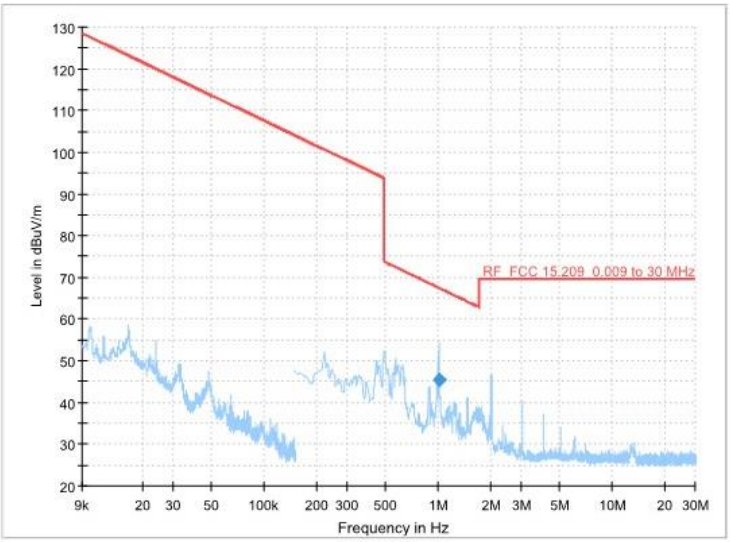
| Frequency (MHz) | Detector | Pol (V/H) | Reading (dBuV) | Factor (dB) | Average Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|---|
| 4803.25 | PK | H | 61.30 | -8.50 | - | 52.80 | 83.50 | 30.70 |
| | AV | - | - | - | - | - | - | - |

- Low frequency_BLE 1M_PoE

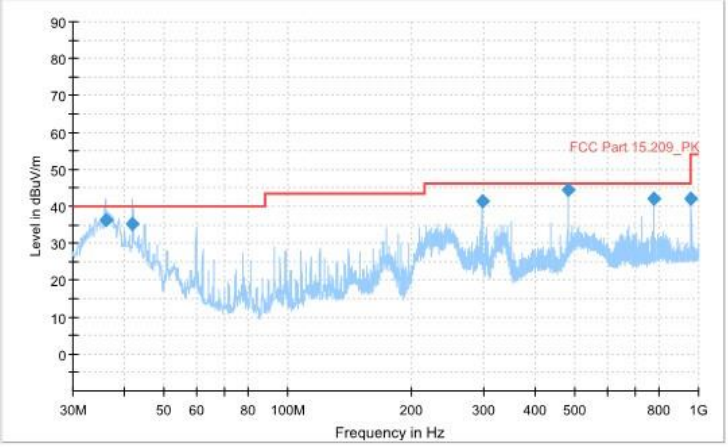
| Frequency (MHz) | Detector | Pol (V/H) | Reading (dBuV) | Factor (dB) | Average Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|---|---|---|---|---|---|---|---|---|
| 4803.99 | PK | H | 60.99 | -8.50 | - | 52.49 | 83.54 | 31.05 |
| | AV | - | - | - | - | - | - | - |

### 3.3.3.5 Test Plot

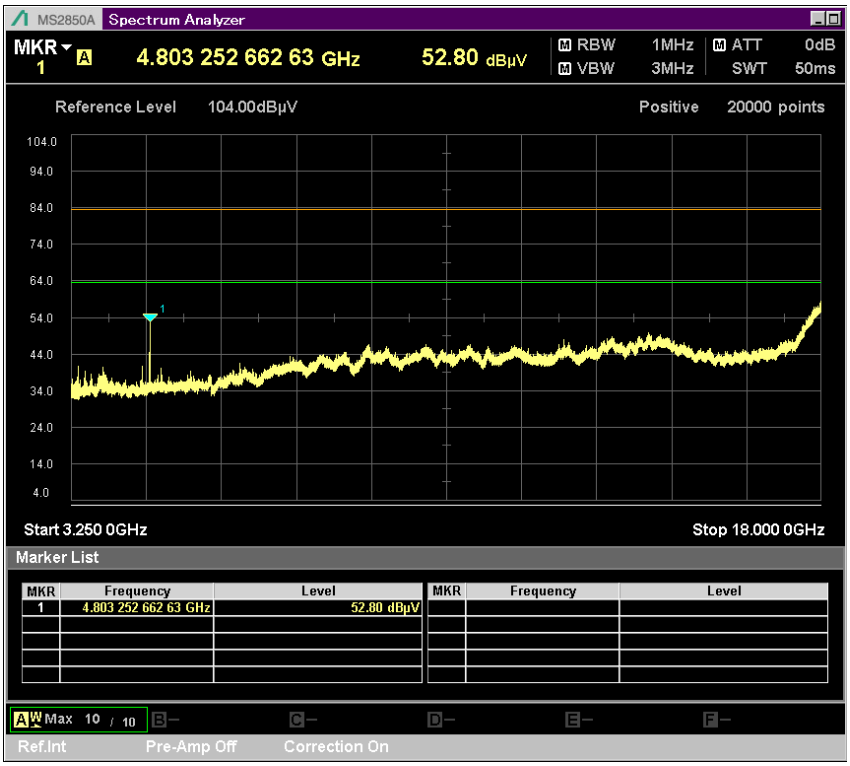
**- Below 30 MHz_Worst case**

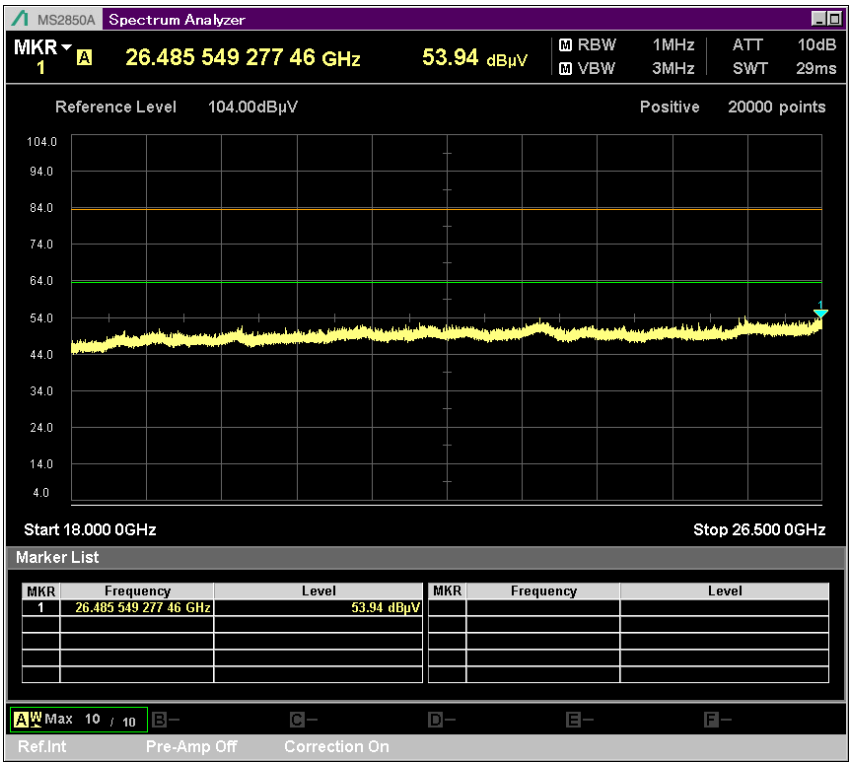



**- Below 1 GHz_Worst case**

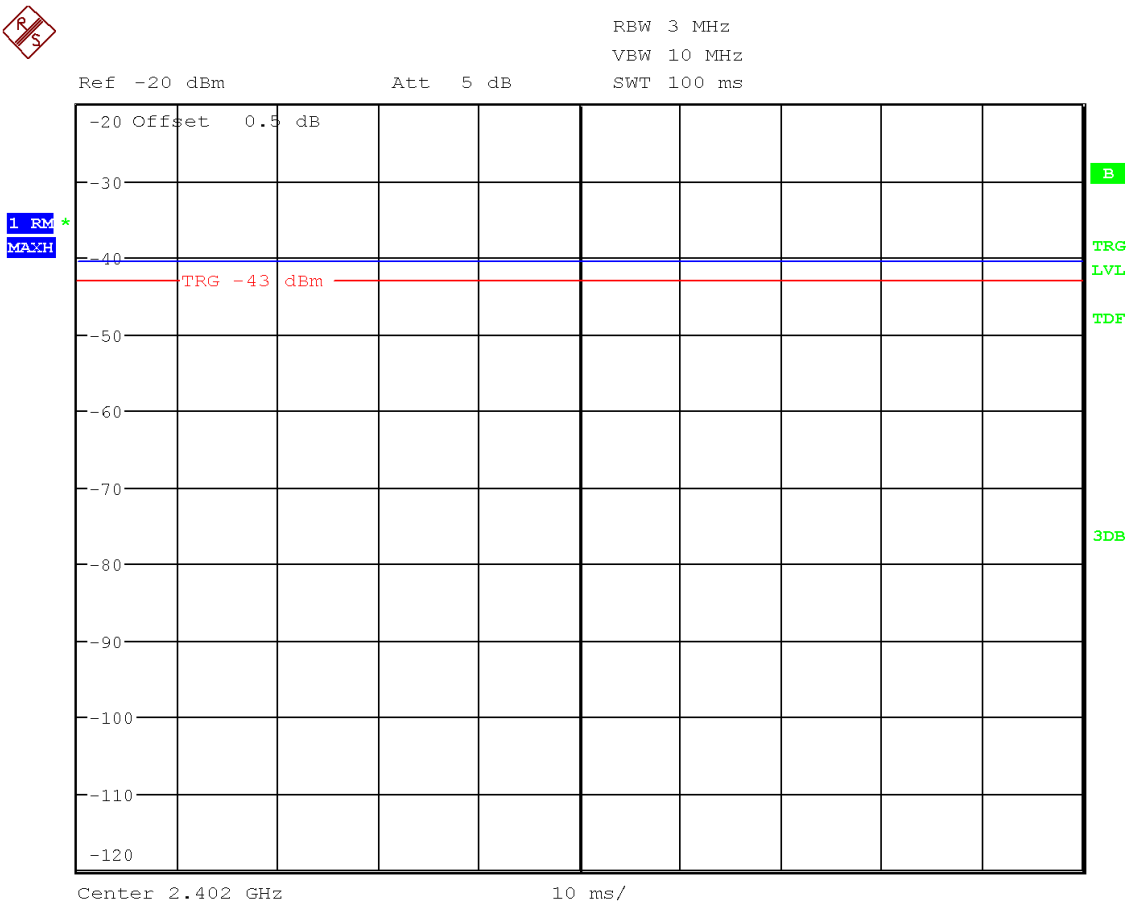


- Above 1 GHz_Worst case



### 3.3.3.6 Test Plot for Duty Cycle



# APPENDIX I

## TEST SETUP



211-71, Geumgok-ro, Hwaseong-si, Gyeonggi-do, Korea 18511
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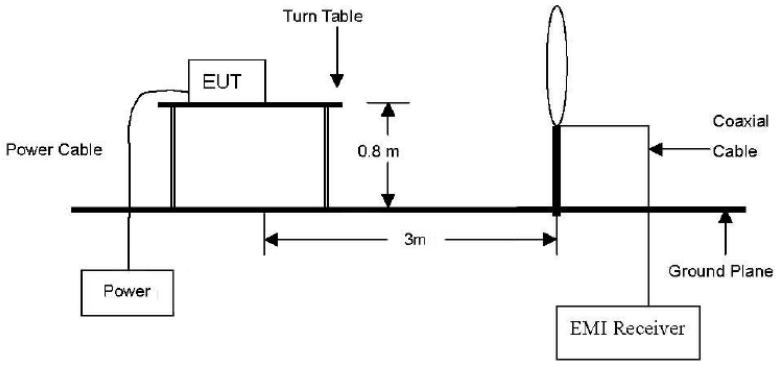
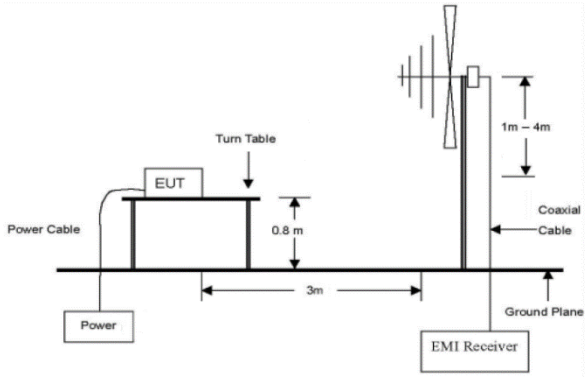
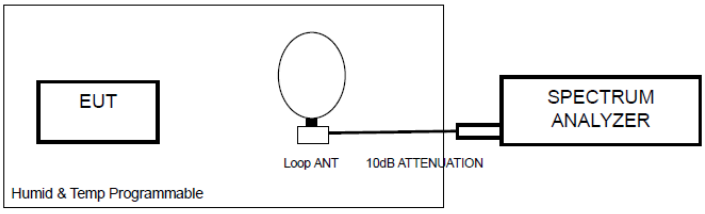
- Radiated Measurement

| | |
|---|---|
| **below 30 MHz** |  |
| **below 1 ㎓** |  |

- Temp & Humid Chamber Measurement

| | |
|---|---|
| **Frequency Stability** |  |

# APPENDIX II

## TEST EQUIPMENT USED FOR TESTS



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| | Description | Manufacturer | Serial No. | Model No. | Cal. Date | Next Cal. Date |
|---|---|---|---|---|---|---|
| 1 | Signal Analyzer | Anritsu | 6261831920 | MS2850A | 2024-01-10 | 2025-01-10 |
| 2 | Triple Output DC Power Supply | Agilent | MY40038816 | E3631A | 2024-02-27 | 2025-02-27 |
| 3 | DC power supply | KIKUSUI | MH002327 | PWR400L | 2024-03-07 | 2025-03-07 |
| 4 | Vector SG | R&S | 255563 | SMBV100A | 2024-02-27 | 2025-02-27 |
| 5 | 8360B SERIES SWEPT SIGNAL GENERATOR | HP | 3614A00312 | 83640B | 2024-07-17 | 2025-07-17 |
| 6 | Humi./Baro/Temp. data recorder | Lutron | 89503 | MHB-382SD | 2024-07-22 | 2025-07-22 |
| 7 | TRILOG Broadband Antenna | Schwarzbeck | 01027 | VULB 9168 | 2023-05-23 | 2025-05-23 |
| 8 | TRILOG Broadband Antenna | Schwarzbeck | 01029 | VULB 9168 | 2023-05-03 | 2025-05-03 |
| 9 | Double Ridged Broadband Horn Antenna | Schwarzbeck | 02087 | BBHA 9120 D | 2024-04-24 | 2025-04-24 |
| 10 | Double Ridged Broadband Horn Antenna | Schwarzbeck | 02086 | BBHA 9120 D | 2024-05-24 | 2025-05-24 |
| 11 | Broadband Horn Antenna | Schwarzbeck | 00938 | BBHA 9170 | 2024-05-24 | 2025-05-24 |
| 12 | Broadband Horn Antenna | Schwarzbeck | 00937 | BBHA 9170 | 2024-05-24 | 2025-05-24 |
| 13 | LOOP-ANTENNA | Schwarzbeck | 00124 | FMZB1519 B | 2023-05-25 | 2025-05-25 |
| 14 | Amplifier | TESTEK | 190008-L | TK-PA1840H | 2024-05-04 | 2025-05-04 |
| 15 | Amplifier | TESTEK | 190007-L | TK-PA18H | 2024-05-21 | 2025-05-22 |
| 16 | Amplifier | TESTEK | 190009-L | TK-PA01S | 2024-05-21 | 2025-05-22 |
| 17 | EMI Test Receiver | ROHDE&SCHWARZ | 102138 | ESR | 2024-05-21 | 2025-05-21 |
| 18 | High Pass Filter | Mini-Circuits | 1741 | VHF-3100+ | 2024-07-17 | 2025-07-17 |
| 19 | TRUE RMS MULTIMETER | FLUKE | 42120033 | 175 | 2024-02-01 | 2025-02-01 |