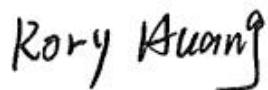


TEST REPORT

| | |
|----------------------|--|
| Report No. | CISRR240119109 |
| Project No. | CISR240119109 |
| FCC ID | 2BET3-K3 |
| Applicant | Jietai (Shenzhen) e-commerce Co., Ltd. |
| Address | 307 Building 1 COFCO Yunjing Plaza, Heshukou Community, Matian Street, Guangming, Shenzhen China |
| Manufacturer | Jietai (Shenzhen) e-commerce Co., Ltd. |
| Address | 307 Building 1 COFCO Yunjing Plaza, Heshukou Community, Matian Street, Guangming, Shenzhen China |
| Product Name | loudspeaker box |
| Trade Mark | -- |
| Model/Type reference | K3 |
| Listed Model(s) | K4, K5, K6, K7, K8, K9 |
| Standard | Part 15 Subpart C Section 15.247 |
| Test date | January 19, 2024 ~ January 31, 2024 |
| Issue date | January 31, 2024 |
| Test result | Complied |



Prepared by: Rory Huang



Approved by: Genry Long

The test results relate only to the tested samples.

The test report should not be reproduced except in full without the written approval of Shenzhen Bangce Testing Technology Co., Ltd.

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1. **REPORT VERSION**

| Version No. | Issue date | Description |
|-------------|------------------|-------------|
| 00 | January 31, 2024 | Original |
| | | |
| | | |

2. **SUMMARY OF TEST RESULT**

| Report clause | Test Item | Standard Requirement | Result |
|---------------|---|-------------------------|--------------------|
| 5.1 | Antenna Requirement | 15.203/15.247 (c) | PASS |
| 5.2 | AC Conducted Emission | 15.207 | PASS |
| 5.3 | Peak Output Power | 15.247 (b)(1) | PASS |
| 5.4 | 6 dB Bandwidth | 15.247 (a)(2) | PASS |
| 5.5 | 99% Occupied Bandwidth | - | PASS ^{*1} |
| 5.6 | Power spectral density | 15.247 (e) | PASS |
| 5.7 | Conducted Band Edge and Spurious Emission | 15.247(d)/15.205 | PASS |
| 5.8 | Radiated Band Edge Emission | 15.205/15.209 | PASS |
| 5.9 | Radiated Spurious Emission | 15.247(d)/15.205/15.209 | PASS |

Note:

- The measurement uncertainty is not included in the test result.
- *1: No requirement on standard, only report these test data.

3. SUMMARY

3.1. Product Description

| Main unit information: | |
|------------------------|--------------------------------------|
| Product Name: | loudspeaker box |
| Trade Mark: | -- |
| Model No.: | K3 |
| Listed Model(s): | K4, K5, K6, K7, K8, K9 |
| Power supply: | Input: DC 5V DC 3.7V from Battery |
| Hardware version: | V1.0 |
| Software version: | V1.0 |

3.2. Radio Specification Description

| | |
|----------------------|-----------------|
| Technology: | Bluetooth |
| Modulation: | GFSK |
| Operation frequency: | 2402MHz~2480MHz |
| Channel number: | 40 |
| Channel separation: | 2MHz |
| Antenna type: | PCB Antenna |
| Antenna gain: | -0.58 dBi |

3.3. Modification of EUT

No modifications are made to the EUT during all test items.

3.4. Testing Site

| | |
|-------------------------|--|
| Laboratory Name | Shenzhen Bangce Testing Technology Co., Ltd. |
| Laboratory Location | 101, building 10, Yunli Intelligent Park, Shutianpu community, Matian Street, Guangming District, Shenzhen, Guangdong, China |
| FCC registration number | 736346 |

4. TEST CONFIGURATION

4.1. Test frequency list

| Channel | Frequency (MHz) |
|---------|-----------------|
| CH-L | 2402 |
| CH-M | 2440 |
| CH-H | 2480 |

4.2. Test mode

| For RF test items: | | | | | | |
|--|------------|------------|---------------------|------|--------------------|------|
| The engineering test program was provided(fcc_test_tool v2.2) and enabled to make EUT continuous transmitting.Power setting Default. | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Item</th><th>Modulation</th></tr> </thead> <tbody> <tr> <td>Conducted test item</td><td>GFSK</td></tr> <tr> <td>Radiated test item</td><td>GFSK</td></tr> </tbody> </table> | Test Item | Modulation | Conducted test item | GFSK | Radiated test item | GFSK |
| Test Item | Modulation | | | | | |
| Conducted test item | GFSK | | | | | |
| Radiated test item | GFSK | | | | | |
| Remark: – The EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report. | | | | | | |

4.3. Support unit used in test configuration and system

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

The following peripheral devices and interface cables were connected during the measurement:

| Item | Equipment name | Trade Name | Model No. |
|------|----------------|------------|--------------|
| 1 | Adapter | Huawei | HW-05002000C |

4.4. Test sample information

| Type | sample no. |
|-----------------|------------------|
| Engineer sample | CISR240119109-1# |
| Normal sample | CISR240119109-2# |

4.5. Testing environmental condition

| Type | Requirement | Actual |
|--------------------|--------------|----------|
| Temperature: | 15~35°C | 25°C |
| Relative Humidity: | 25~75% | 50% |
| Air Pressure: | 860~1060mbar | 1000mbar |

4.6. Statement of the measurement uncertainty

| No. | Test Items | Measurement Uncertainty |
|-----|---|--|
| 1 | AC Conducted Emission | 1.63dB |
| 2 | Peak Output Power | 1.34dB |
| 3 | Power Spectral Density | 1.34dB |
| 4 | 6dB Bandwidth | 0.002% |
| 5 | 99% Occupied Bandwidth | 0.002% |
| 6 | Duty cycle | - |
| 7 | Conducted Band Edge and Spurious Emission | 1.93dB |
| 8 | Radiated Band Edge Emission | 3.76dB for 30MHz-1GHz 3.80dB for above 1GHz |
| 9 | Radiated Spurious Emission | 3.76dB for 30MHz-1GHz 3.80dB for above 1GHz |

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

4.7. Equipment Used during the Test

| Equipment | Manufacture | Model No. | Serial No. | Last cal. | Cal Interval |
|--|---------------|-------------|-------------|------------|--------------|
| 9*6*6 anechoic chamber | SKET | 9.3*6.3*6 | N/A | 2021.10.15 | 3Year |
| Spectrum analyzer | Agilent | N9020A | MY50530263 | 2024.01.08 | 1Year |
| Receiver | ROHDE&SCHWARZ | ESCI | 100853 | 2024.01.08 | 1Year |
| Spectrum analyzer | R&S | FSV-40N | / | 2024.01.08 | 1Year |
| Bilog Antenna | Schwarzbeck | VULB 9163 | 1463 | 2023.01.09 | 2Year |
| Horn Antenna | SCHWARZBECK | BBHA 9120 D | 2487 | 2023.01.09 | 2Year |
| Active Loop Antenna | SCHWARZBECK | FMZB 1519B | / | 2023.01.09 | 2Year |
| RF Cable | Tonscend | Cable 1 | / | 2024.01.08 | 1Year |
| RF Cable | Tonscend | Cable 2 | / | 2024.01.08 | 1Year |
| RF Cable | SKET | Cable 3 | / | 2024.01.08 | 1Year |
| Pre-amplifier | Tonscend | TAP9K3G32 | AP21G806153 | 2024.01.08 | 1Year |
| Pre-amplifier | Tonscend | TAP01018050 | AP22E806229 | 2024.01.08 | 1Year |
| L.I.S.N.#1 | Schwarzbeck | NSLK8127 | / | 2024.01.08 | 1Year |
| L.I.S.N.#2 | ROHDE&SCHWARZ | ENV216 | / | 2024.01.08 | 1Year |
| Horn Antenna | SCHWARZBECK | BBHA9170 | 1130 | 2024.01.08 | 1Year |
| Preamplifier | Tonscend | TAP18040048 | AP21C806126 | 2024.01.08 | 1Year |
| variable-frequency power source | Pinhong | PH1110 | / | 2024.01.08 | 1Year |
| 6dB Attenuator | SKET | DC-6G | / | N/A | N/A |
| Artificial power network | Schwarzbeck | NSLK8127 | 8127-01096 | 2024.01.08 | 1Year |
| EMI Test Receiver | Rohde&schwarz | ESCI7 | 100853 | 2024.01.08 | 1Year |
| 8-wire Impedance Stabilization Network | Schwarzbeck | NTFM 8158 | 8158-00337 | 2024.01.08 | 1Year |
| Artificial power network | Schwarzbeck | ENV216 | / | 2024.01.08 | 1Year |

5. TEST CONDITIONS AND RESULTS

5.1. Antenna Requirement

Standard Applicable:

FCC CFR Title 47 Part 15 Subpart C Section 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, 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.

FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1) (I):

(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

Description

The antenna type is a PCB antenna, Refer to the below antenna photo.

Remark: The antenna gain is provided by the customer, if the data provided by the customer is not accurate, Shenzhen Bangce Testing Technology Co., Ltd. does not assume any responsibility.

5.2. AC Conducted Emission

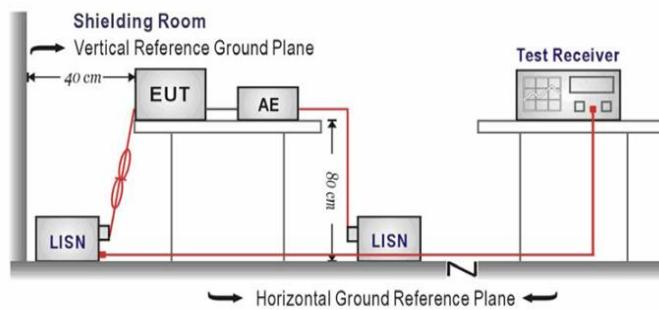
Limit:

FCC CFR Title 47 Part 15 Subpart C Section 15.207

| Frequency range (MHz) | 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.

Test configuration:



Test procedure:

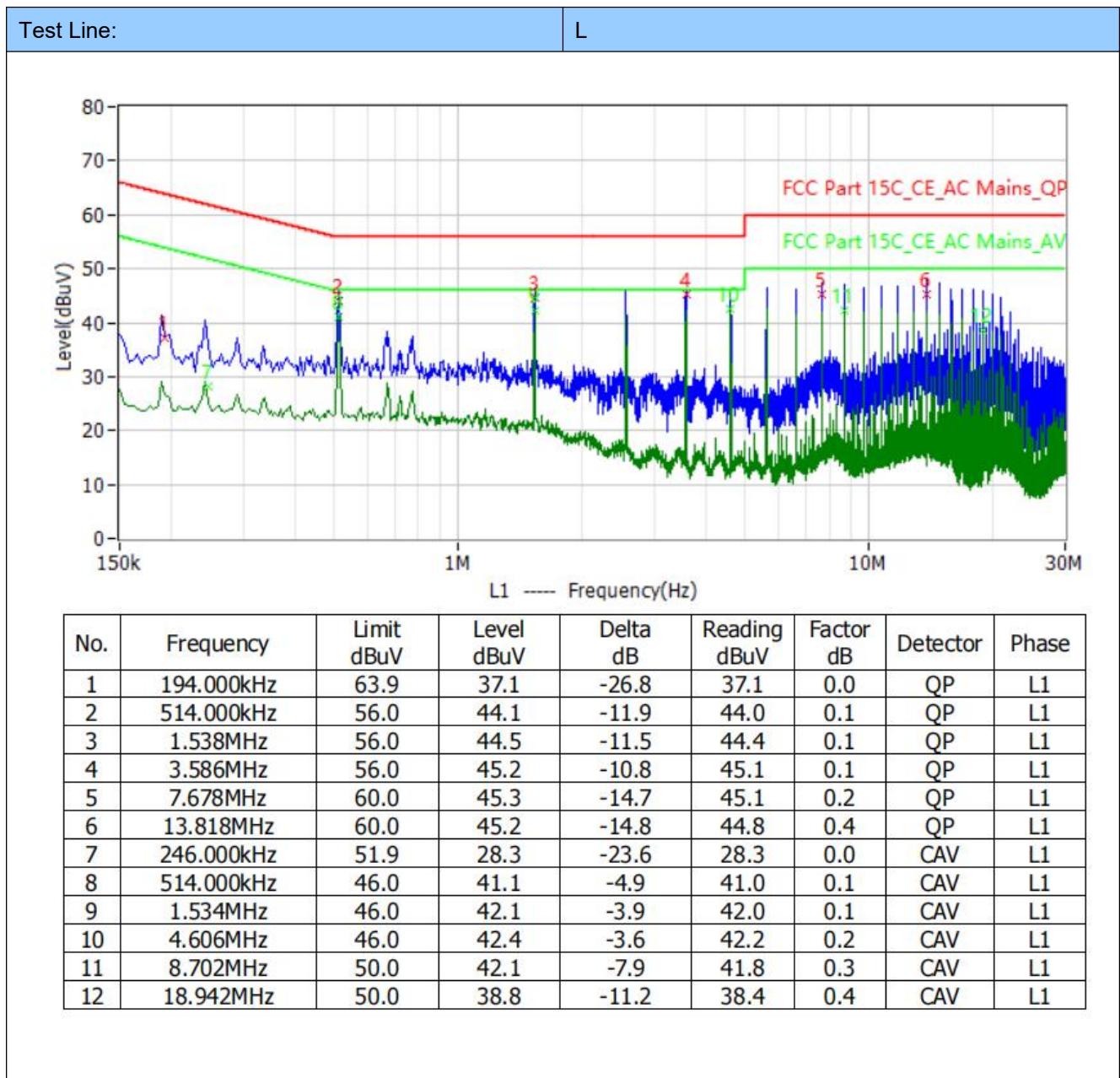
1. The EUT was setup according to ANSI C63.10 requirements.
2. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface.
3. The EUT and simulators are connected to the main power through a line impedances stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment.
4. The peripheral devices are also connected to the main power through a LISN. (Refer to the block diagram of the test setup and photographs)
5. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
6. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
7. Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
8. During the above scans, the emissions were maximized by cable manipulation.

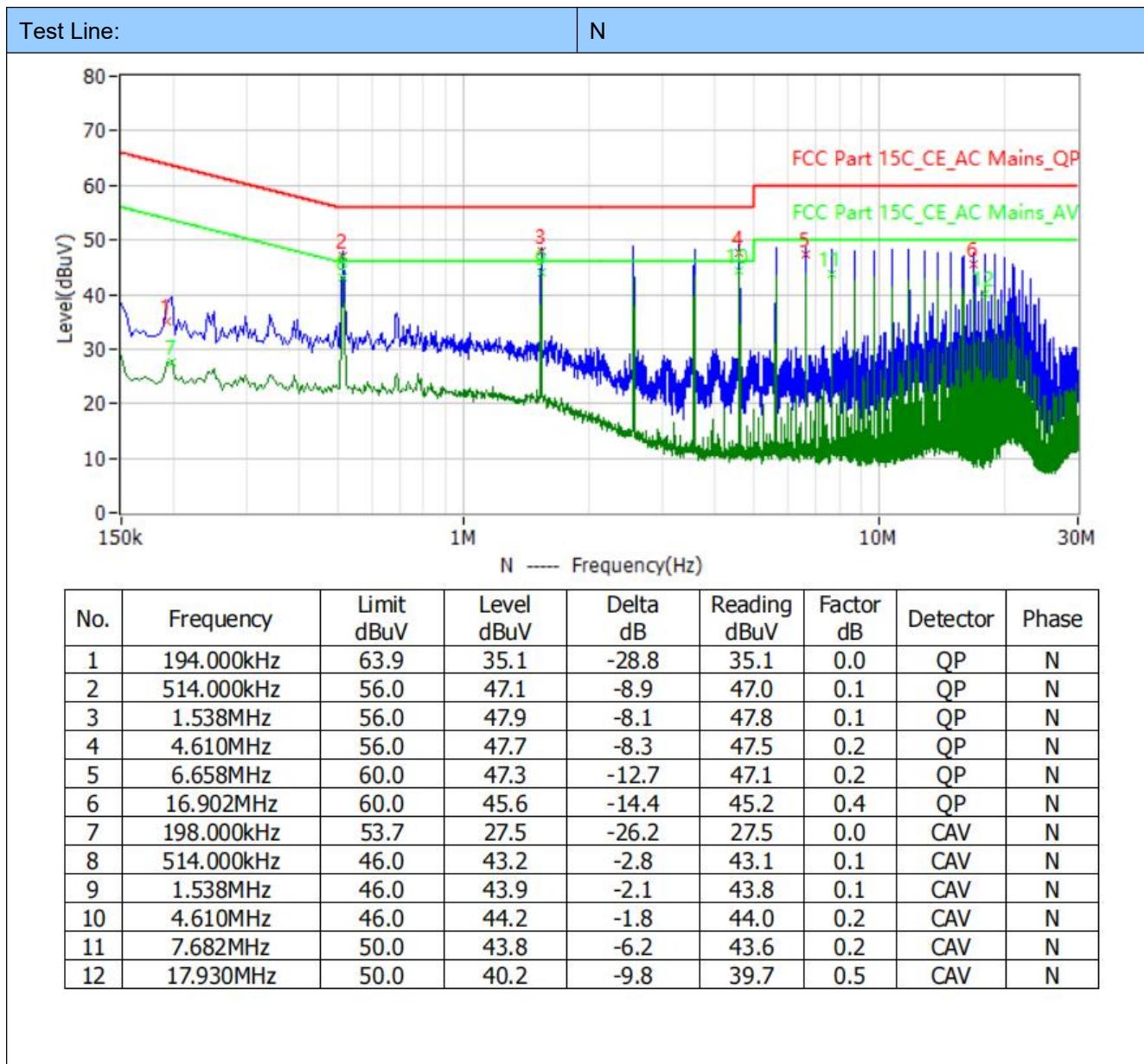
Test mode:

Refer to the clause 4.3

Result:

Passed





5.3. Peak Output Power

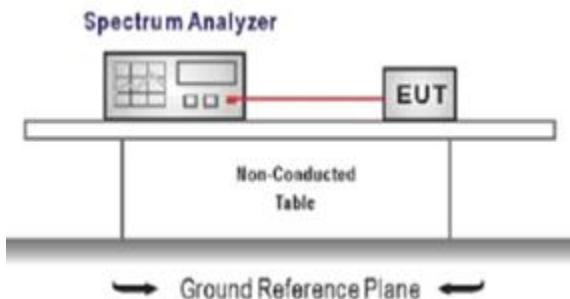
Limit:

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (b)(1):

For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt.

For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.

Test configuration:



Test procedure:

1. The transmitter output was connected to the spectrum analyzer through an attenuator, the pathloss was compensated to the results for each measurement.
2. Set to the maximum power setting and enable the EUT transmit continuously
3. Use the following spectrum analyzer settings:
Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel
 $RBW \geq$ the 20 dB bandwidth of the emission being measured,
 $VBW \geq RBW$
Sweep = auto, Detector function = peak, Trace = max hold
4. Measure and record the results in the test report.

Test mode:

Refer to the clause 4.3

Test data:

Refer to the Appendix A

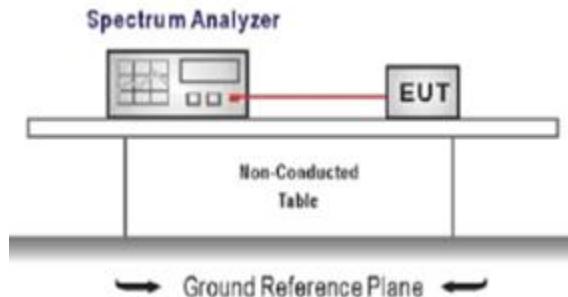
Result:

Passed

5.4. 6 dB Bandwidth

Limit:

Test configuration:



Test procedure:

1. The transmitter output was connected to the spectrum analyzer through an attenuator, the path loss was compensated to the results for each measurement.
2. Set to the maximum power setting and enable the EUT transmit continuously
3. Use the following spectrum analyzer settings:
Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel
 $RBW \geq 1\%$ of the 20 dB bandwidth, $VBW \geq RBW$
Sweep = auto, Detector function = peak, Trace = max hold
4. Measure and record the results in the test report.

Test mode:

Refer to the clause 4.3

Test data:

Refer to the Appendix A

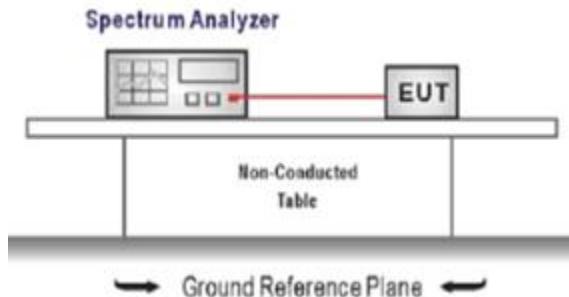
Result:

Passed

5.5. 99% Occupied Bandwidth

Limit:

Test configuration:



Test procedure:

1. Connect the antenna port(s) to the spectrum analyzer input.
2. Configure the spectrum analyzer as shown below (enter all losses between the transmitter output and the spectrum analyzer).
Center Frequency = channel center frequency
Span $\geq 1.5 \times$ OBW
RBW = 1%~5%OBW, VBW $\geq 3 \times$ RBW
Sweep time = auto couple
Detector = Peak, Trace mode = max hold
3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter waveform on the spectrum analyzer.

Test mode:

Refer to the clause 4.3

Test data:

Refer to the Appendix A

Result:

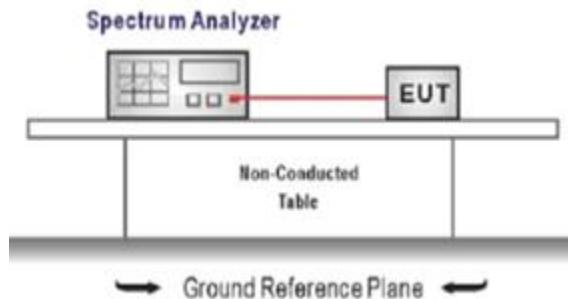
Passed

5.6. Power spectral density

Limit:

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission.

Test configuration:



Test procedure:

1. Use this procedure when the maximum peak conducted output power in the fundamental emission is used to demonstrate compliance.
2. Set the RBW ≥ 3 kHz.
3. Set the VBW $\geq 3 \times$ RBW.
4. Set the span to 1.5 times the DTS channel bandwidth.
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum power level.
10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.
11. The resulting peak PSD level must be 8dBm.

Test mode:

Refer to the clause 4.3

Test data:

Refer to the Appendix A

Result:

Passed

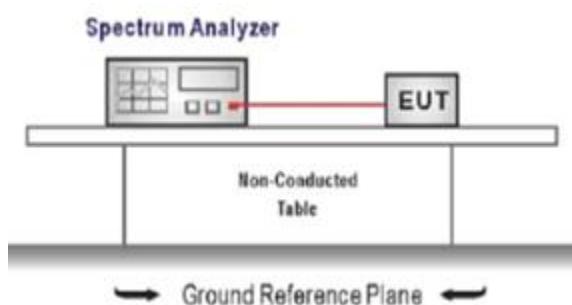
5.7. Conducted Band edge and Spurious Emission

Limit:

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (d):

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum 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.

Test configuration:



Test procedure:

1. Connect the antenna port(s) to the spectrum analyzer input.
2. Emission level measurement
 - Set the center frequency and span to encompass frequency range to be measured
 - $RBW = 100 \text{ kHz}$, $VBW \geq 3 \times RBW$
 - Detector = peak, Sweep time = auto couple, Trace mode = max hold
 - Allow trace to fully stabilize
 - Use the peak marker function to determine the maximum amplitude level.
3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter waveform on the spectrum analyzer.
4. Ensure that the amplitude of all unwanted emission outside of the authorized frequency band excluding restricted frequency bands) are attenuated by at least the minimum requirements specified (at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz). Report the three highest emission relative to the limit.

Test mode:

Refer to the clause 4.3

Test data:

Refer to the Appendix A

Result:

Passed

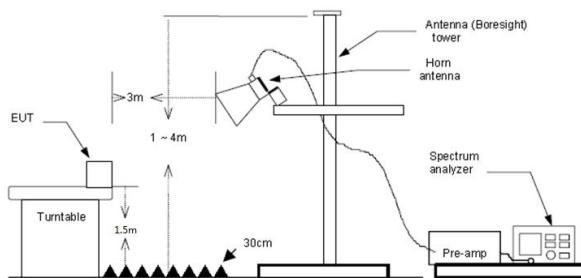
5.8. Radiated Band edge Emission

Limit:

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (d):

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, Radiated Emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the Radiated Emissions limits specified in §15.209(a) (see §15.205(c)).

Test configuration:



Test procedure:

1. The EUT was setup and tested according to ANSI C63.10 .
2. The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT waspositioned such that the distance from antenna to the EUT was 3 meters.
4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10 on radiated measurement.
5. Use the following spectrum analyzer settings:
 - a) Span shall wide enough to fully capture the emission being measured
 - b) Set RBW=100kHz for <1GHz, VBW=3*RBW, Sweep time=auto, Detector=peak, Trace=max hold
 - c) Set RBW=1MHz, VBW=3MHz for >1GHz, Sweep time=auto, Detector=peak, Trace=max hold for Peak measurement

For average measurement: use duty cycle correction factor method (DCCF)

$$\text{Averger level} = \text{Peak level} + \text{DCCF}$$

Test mode:

Refer to the clause 4.3

Result:

Passed

Note:

- 1) Level= Reading + Factor; Factor =Antenna Factor+ Cable Loss- Preamp Factor
- 2) Margin = Limit - Level
- 3) Average measurement was not performed if peak level is lower than average limit
- 4) The other emission levels were very low against the limit.

| Test channel:CH00 | | | | | | | | | |
|-------------------|-------------------|--------------------------|-------------------------|---------------------------|--------------------------------|-------------------|----------------|---------|------------|
| Freq. (MHz) | Reading (dBuv) | Ant. Factor (dB/m) | Cable Factor (dB) | Pre- amplifier (dB) | Correction Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Remark | Polarity |
| 2390.00 | 67.43 | 28.62 | 4.08 | 38.62 | -5.92 | 74 | 12.49 | Peak | Horizontal |
| 2390.00 | 50.62 | 28.62 | 4.08 | 38.62 | -5.92 | 54 | 9.30 | Average | Horizontal |
| 2390.00 | 70.08 | 28.62 | 4.08 | 38.62 | -5.92 | 74 | 9.84 | Peak | Vertical |
| 2390.00 | 49.24 | 28.62 | 4.08 | 38.62 | -5.92 | 54 | 10.68 | Average | Vertical |

| Test channel:CH78 | | | | | | | | | |
|-------------------|-------------------|--------------------------|-------------------------|---------------------------|--------------------------------|-------------------|----------------|---------|------------|
| Freq. (MHz) | Reading (dBuv) | Ant. Factor (dB/m) | Cable Factor (dB) | Pre- amplifier (dB) | Correction Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Remark | Polarity |
| 2483.50 | 68.58 | 29.45 | 3.91 | 40.17 | -6.81 | 74 | 12.23 | Peak | Horizontal |
| 2483.50 | 49.33 | 29.45 | 3.91 | 40.17 | -6.81 | 54 | 11.48 | Average | Horizontal |
| 2483.50 | 67.34 | 29.45 | 3.91 | 40.17 | -6.81 | 74 | 13.47 | Peak | Vertical |
| 2483.50 | 51.56 | 29.45 | 3.91 | 40.17 | -6.81 | 54 | 9.25 | Average | Vertical |

5.9. Radiated Spurious Emission

Limit:

FCC CFR Title 47 Part 15 Subpart C Section 15.209

| Frequency | Limit (dB _{UV} /m) | Value |
|----------------------|-----------------------------|------------|
| 0.009 MHz ~0.49 MHz | 2400/F(kHz) @300m | Quasi-peak |
| 0.49 MHz ~ 1.705 MHz | 24000/F(kHz) @30m | Quasi-peak |
| 1.705 MHz ~30 MHz | 30 @30m | Quasi-peak |

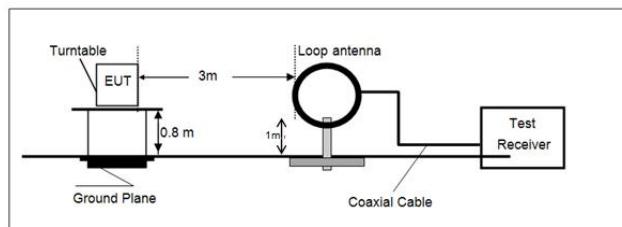
Limit dB_{UV}/m @3m = Limit dB_{UV}/m @300m + 40*log(300/3)

Limit dB_{UV}/m @3m = Limit dB_{UV}/m @30m +40*log(30/3)

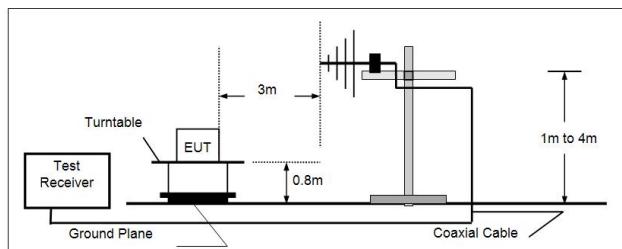
| Frequency | Limit (dB _{UV} /m @3m) | Value |
|---------------|---------------------------------|------------|
| 30MHz~88MHz | 40.00 | Quasi-peak |
| 88MHz~216MHz | 43.50 | Quasi-peak |
| 216MHz~960MHz | 46.00 | Quasi-peak |
| 960MHz~1GHz | 54.00 | Quasi-peak |
| Above 1GHz | 54.00 | Average |
| | 74.00 | Peak |

Test configuration:

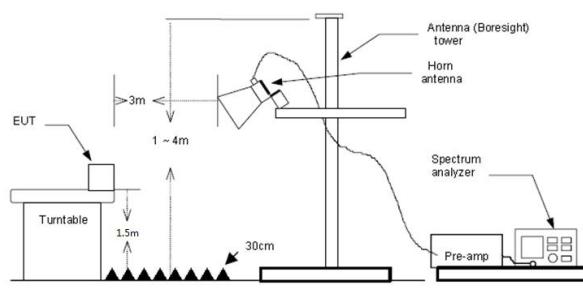
9kHz~30MHz



30 MHz ~ 1 GHz



Above 1 GHz



Test procedure:

1. The EUT was setup and tested according to ANSI C63.10.
2. The EUT is placed on a turn table which is 0.8 meter above ground for below 1 GHz, and 1.5 m for above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower.
4. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
5. Set to the maximum power setting and enable the EUT transmit continuously.
6. Use the following spectrum analyzer settings
 - a) Span shall wide enough to fully capture the emission being measured;
 - b) Below 1 GHz:
RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold;
If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
 - c) Set RBW=1MHz, VBW=3MHz for >1GHz, Sweep time=auto, Detector=peak, Trace=max hold for Peak measurement
For average measurement: use duty cycle correction factor method (DCCF)
Averager level = Peak level + DCCF

Test mode:

Refer to the clause 4.3

Result:
Passed
Note:

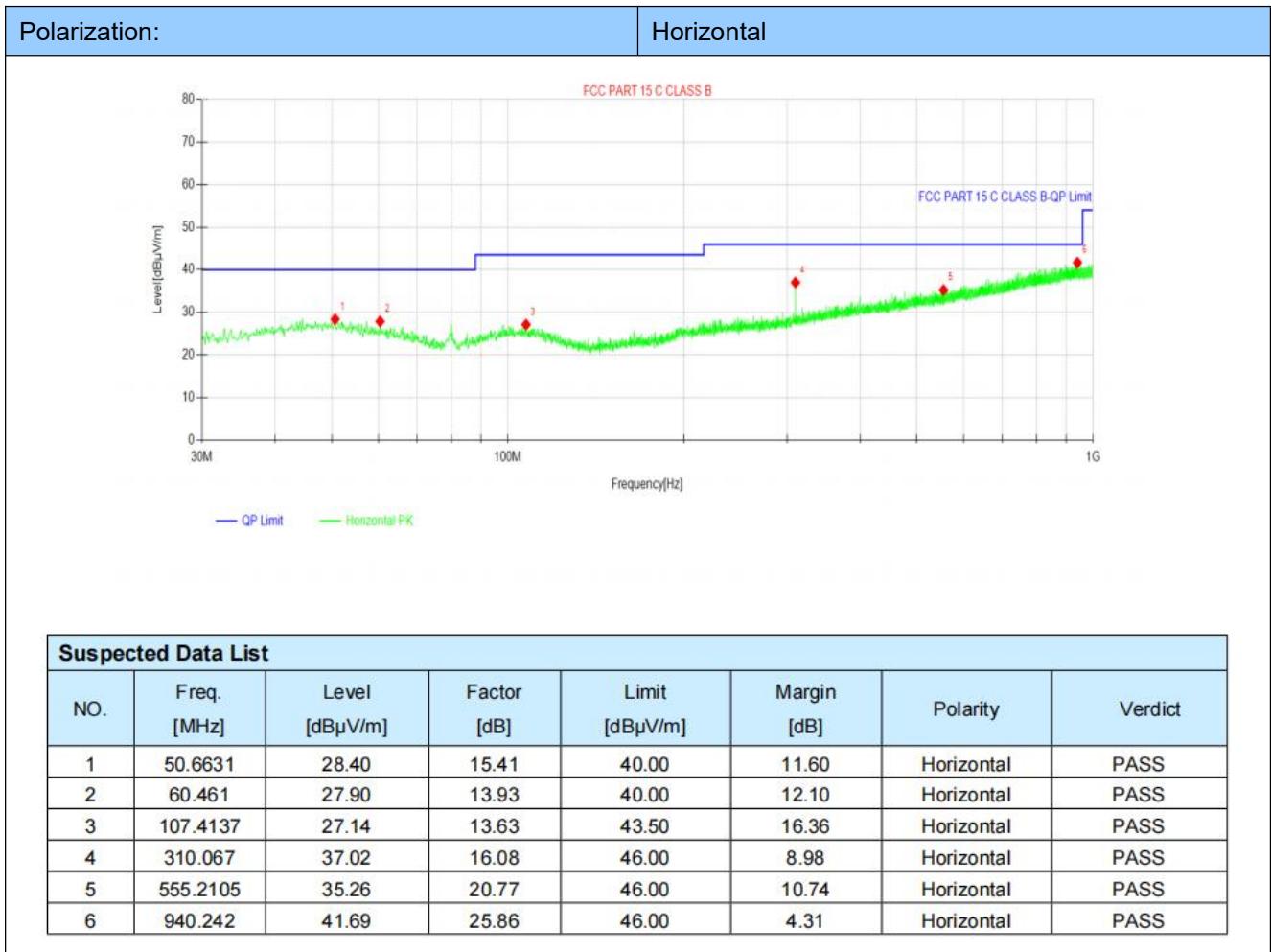
- 1) Level= Reading + Factor/Transd; Factor/Transd =Antenna Factor+ Cable Loss- Preamp Factor
- 2) Over Limit = Level- Limit
- 3) Average measurement was not performed if peak level is lower than average limit(54 dBuV/m) for above 1GHz.

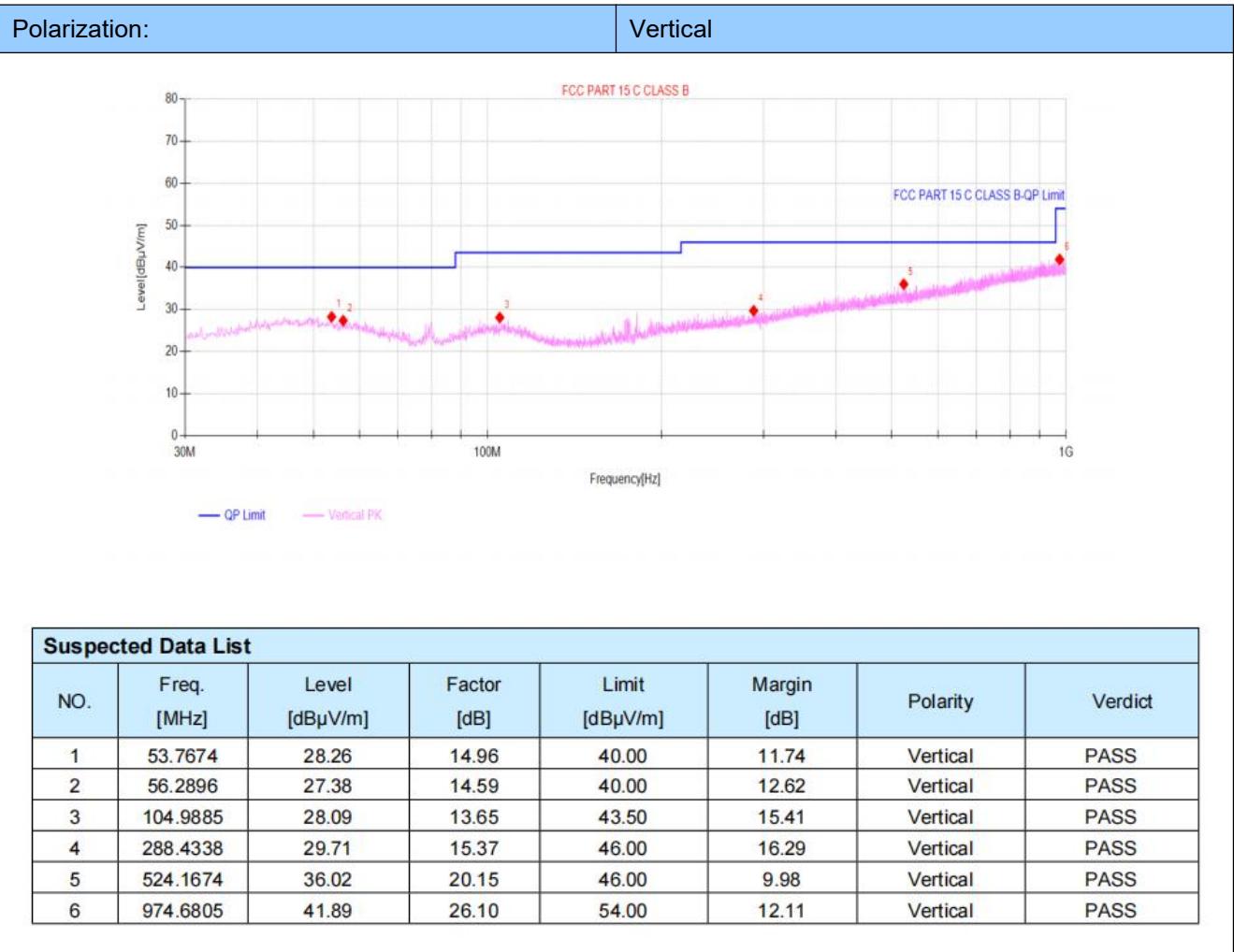
For 9 kHz ~ 30 MHz

The EUT was pre-scanned this frequency band, found the radiated level 20dB lower than the limit, so don't show data on this report.

For 30 MHz ~ 1000 MHz

Have pre-scan all test channel, found CH00 which it was worst case, so only show the worst case's data on this report.





For 1 GHz ~ 25 GHz

| Test channel:CH00 | | | | | | | | | |
|-------------------|-------------------|--------------------------|-------------------------|---------------------------|--------------------------------|-------------------|----------------|---------|------------|
| Freq. (MHz) | Reading (dBuv) | Ant. Factor (dB/m) | Cable Factor (dB) | Pre- amplifier (dB) | Correction Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Remark | Polarity |
| 4804.00 | 70.05 | 31.33 | 4.23 | 38.62 | -3.06 | 74 | 7.01 | Peak | Horizontal |
| 4804.00 | 49.23 | 31.33 | 4.23 | 38.62 | -3.06 | 54 | 7.83 | Average | Horizontal |
| 4804.00 | 66.66 | 31.33 | 4.23 | 38.62 | -3.06 | 74 | 10.40 | Peak | Vertical |
| 4804.00 | 50.47 | 31.33 | 4.23 | 38.62 | -3.06 | 54 | 6.59 | Average | Vertical |

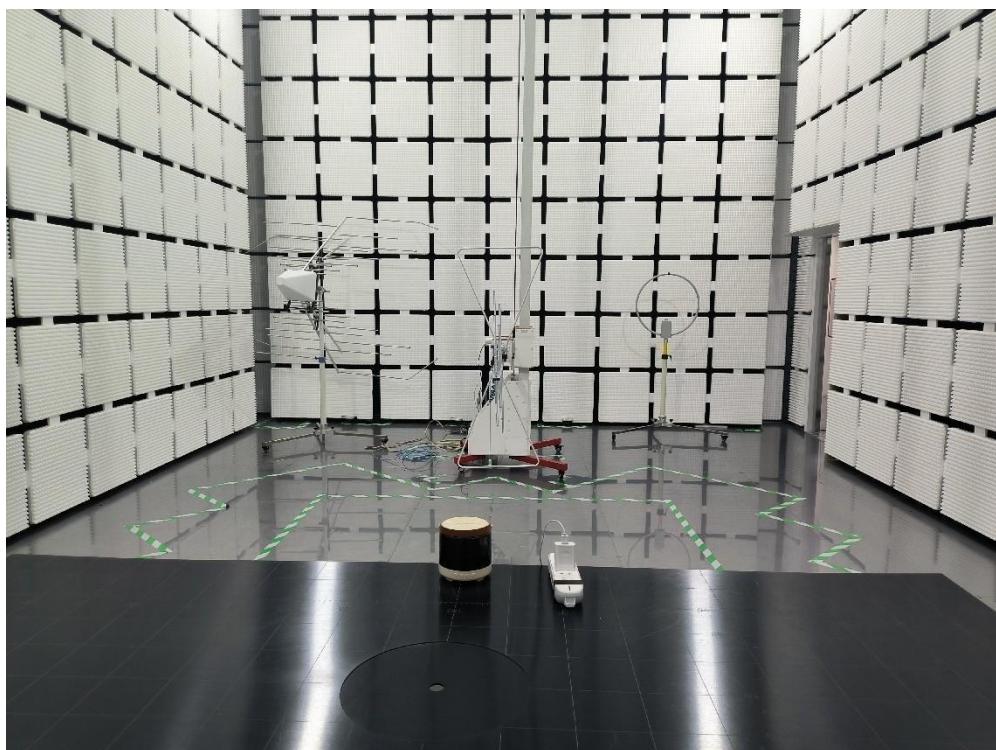
| Test channel:CH19 | | | | | | | | | |
|-------------------|-------------------|--------------------------|-------------------------|---------------------------|--------------------------------|-------------------|----------------|---------|------------|
| Freq. (MHz) | Reading (dBuv) | Ant. Factor (dB/m) | Cable Factor (dB) | Pre- amplifier (dB) | Correction Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Remark | Polarity |
| 4880.00 | 69.89 | 30.26 | 4.09 | 38.29 | -3.94 | 74 | 8.05 | Peak | Horizontal |
| 4880.00 | 50.14 | 30.26 | 4.09 | 38.29 | -3.94 | 54 | 7.80 | Average | Horizontal |
| 4880.00 | 66.15 | 30.26 | 4.09 | 38.29 | -3.94 | 74 | 11.79 | Peak | Vertical |
| 4880.00 | 49.12 | 30.26 | 4.09 | 38.29 | -3.94 | 54 | 8.82 | Average | Vertical |

| Test channel:CH39 | | | | | | | | | |
|-------------------|-------------------|--------------------------|-------------------------|---------------------------|--------------------------------|-------------------|----------------|---------|------------|
| Freq. (MHz) | Reading (dBuv) | Ant. Factor (dB/m) | Cable Factor (dB) | Pre- amplifier (dB) | Correction Factor (dB/m) | Limit (dBuV/m) | Margin (dB) | Remark | Polarity |
| 4960.00 | 63.20 | 31.97 | 4.11 | 38.47 | -2.39 | 74 | 13.19 | Peak | Horizontal |
| 4960.00 | 50.65 | 31.97 | 4.11 | 38.47 | -2.39 | 54 | 5.74 | Average | Horizontal |
| 4960.00 | 66.34 | 31.97 | 4.11 | 38.47 | -2.39 | 74 | 10.05 | Peak | Vertical |
| 4960.00 | 51.13 | 31.97 | 4.11 | 38.47 | -2.39 | 54 | 5.26 | Average | Vertical |

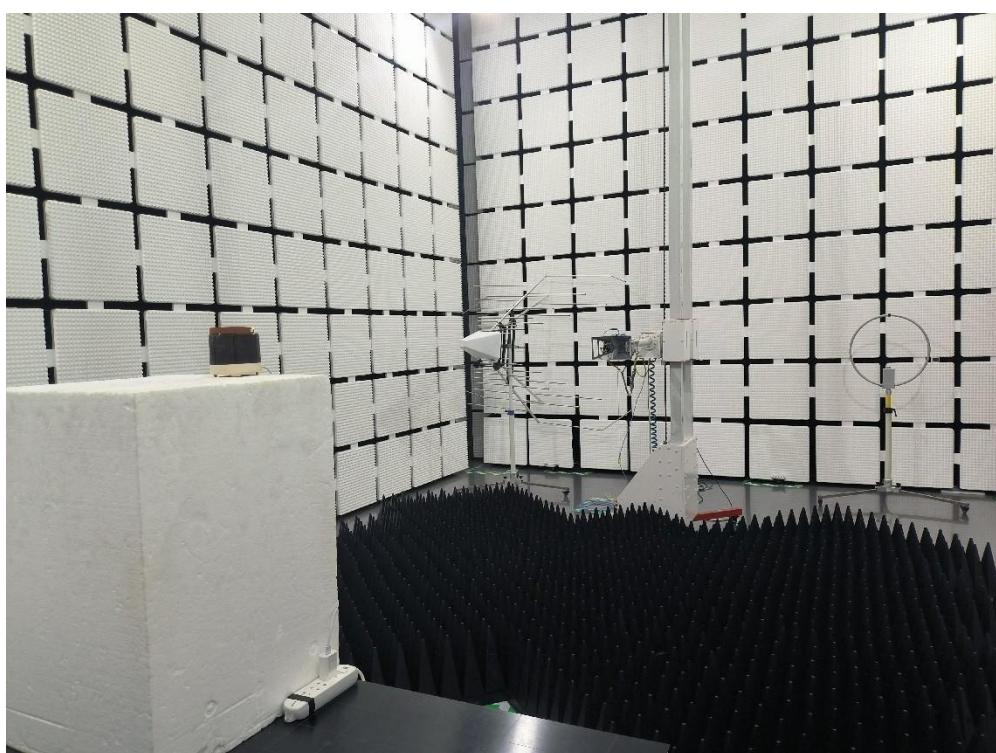
6. TEST SETUP PHOTOS

Radiated Emission

Below 1GHz:



Above 1GHz:

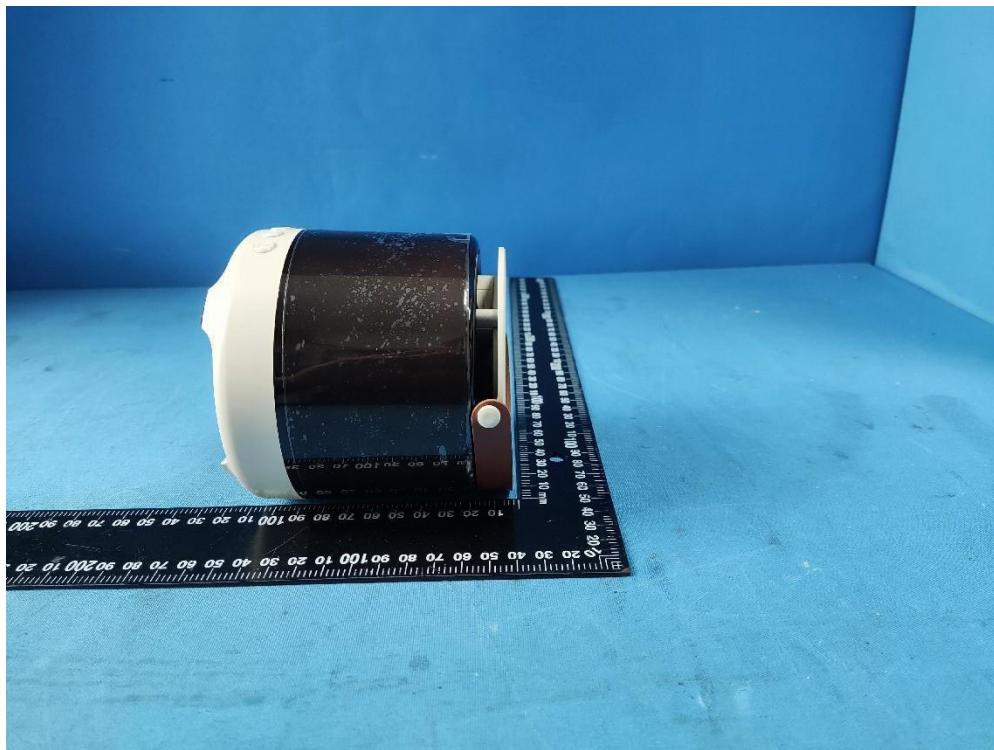


AC Conducted Emission

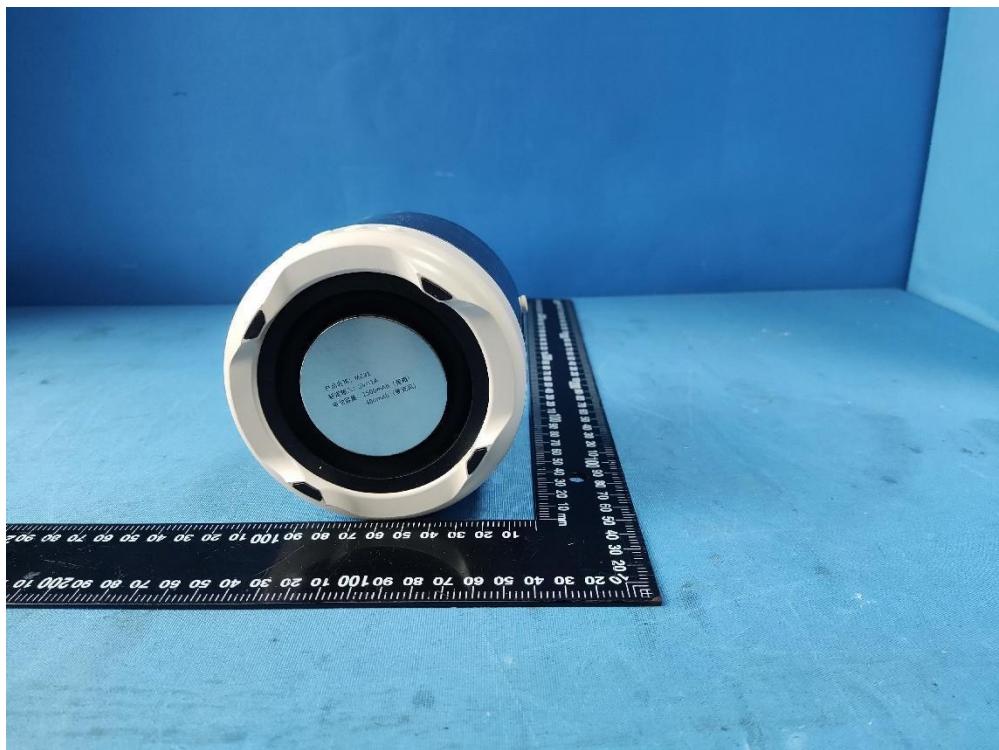


7. EXTERNAL AND INTERNAL PHOTOS

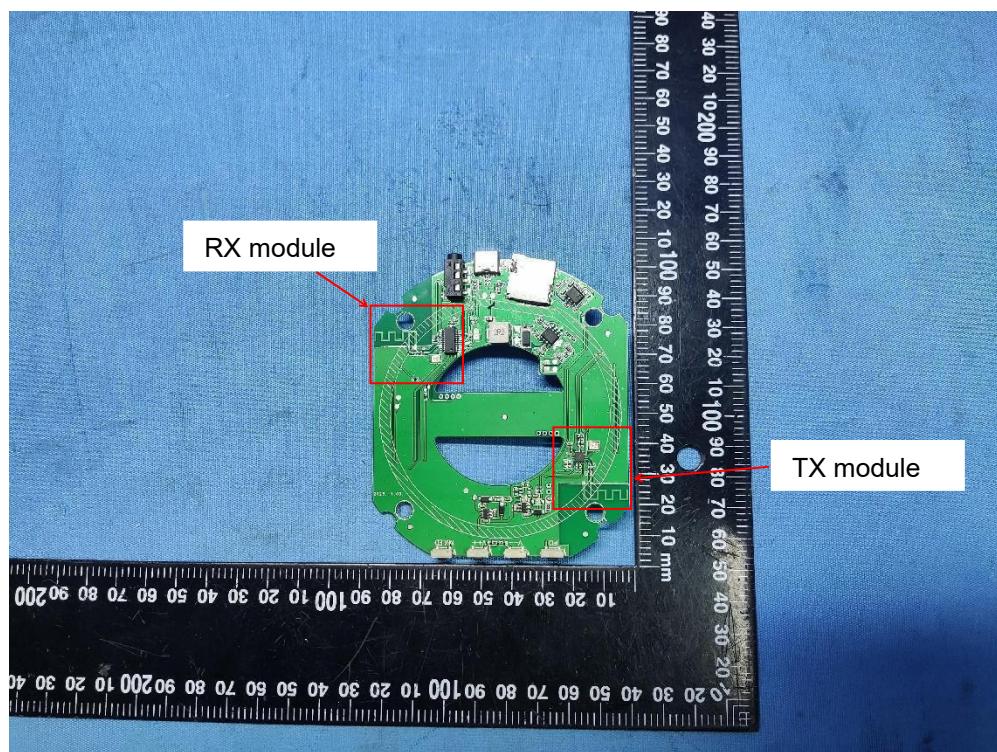
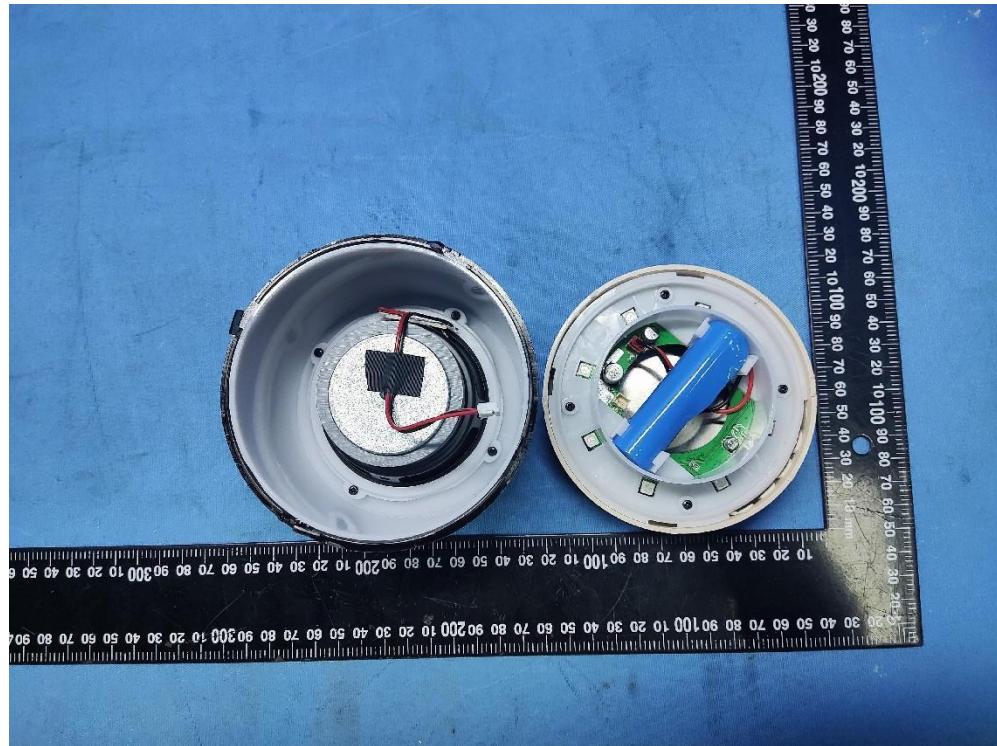
7.1. External Photos

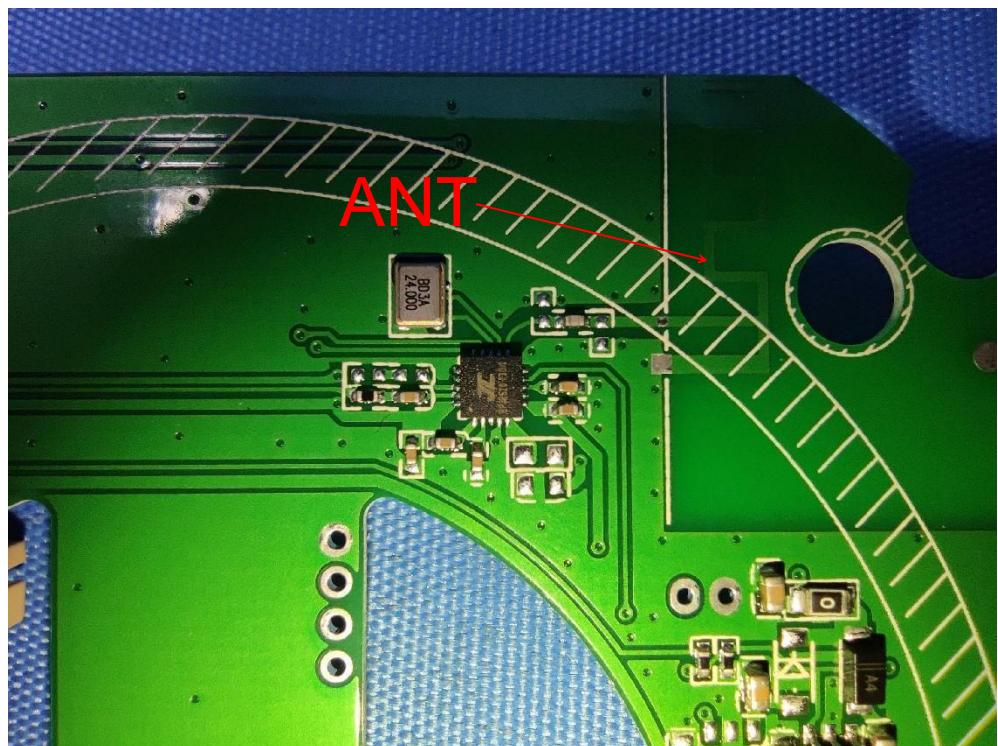
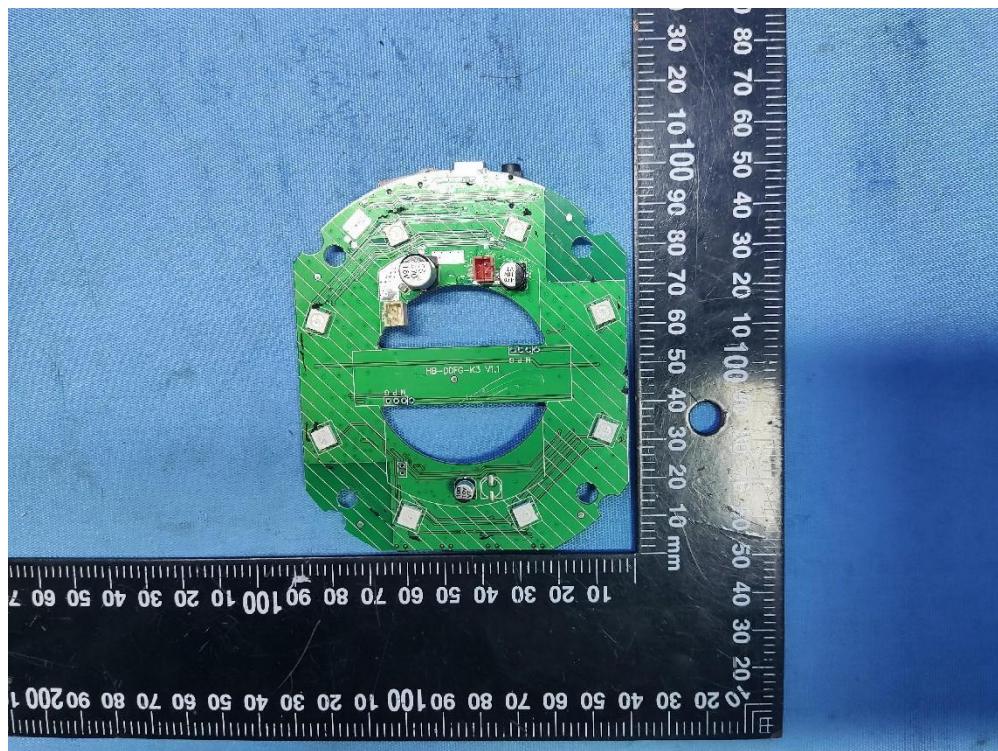


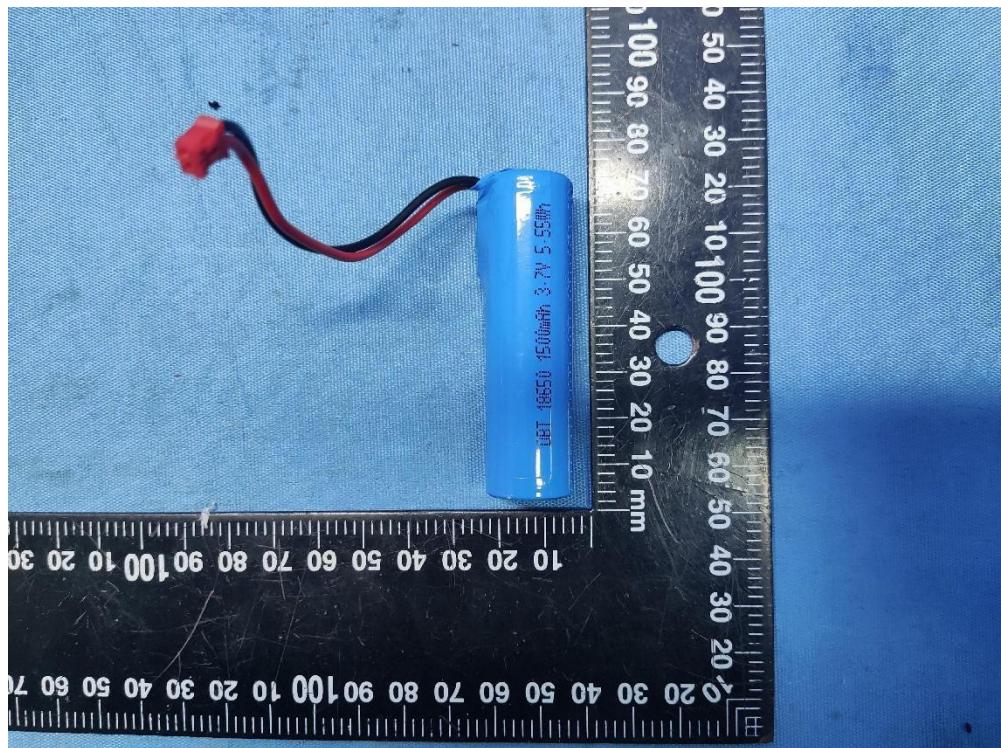




7.2 Internal photos







-----End of the report-----