TEST REPORT

Report No. CISRR24101709902

Project No. CISR241017099

FCC ID 2BFQI-Q7

Applicant Jiangxi Jichi Technology Co., Ltd

Address PlantNo.3,BlockB13-1-2,B14-1,Jinggangshan Economic and Development

Zone, Ji'an City, Jiangxi Province, China

Manufacturer Jiangxi Jichi Technology Co., Ltd

Address PlantNo.3,BlockB13-1-2,B14-1,Jinggangshan Economic and Development

Zone, Ji'an City, Jiangxi Province, China

Product Name mouse

Trade Mark ___

Model/Type reference Q7

Listed Model(s)

Standard Part 15 Subpart C Section 15.249

Test date October 10, 2024 ~ November 18, 2024

Issue date November 29, 2024

Test result Complied

Kory Awang

GenryLong

Prepared by: Rory Huang

Approved by: Genry Long

The test results relate only to the tested samples.

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Contents

| 1. REPORT VERSION | 3 |
|---|----------|
| | |
| 2. SUMMARY OF TEST RESULT | 4 |
| 2. SUMMARY OF TEST RESULT | 4 |
| | |
| 3. SUMMARY | 5 |
| | |
| 3.1. Product Description | |
| 3.2. Radio Specification Description | |
| 3.3. Modification of EUT | |
| 3.4. Testing Site | 6 |
| 3.5. Field Strength Calculation | |
| 3.6. DISTURBANCE Calculation | 6 |
| | |
| 4. TEST CONFIGURATION | 7 |
| | |
| A.A. Tank for any and link | <u>-</u> |
| 4.1. Test frequency list | |
| 4.3. Support unit used in test configuration and system | |
| 4.4. Test sample information | |
| 4.5. Testing environmental condition | |
| 4.6. Statement of the measurement uncertainty | |
| 4.7. Equipment Used during the Test | |
| = | |
| 5. TEST CONDITIONS AND RESULTS | 4.0 |
| 5. TEST CONDITIONS AND RESULTS | 10 |
| | |
| 5.1. Antenna Requirement | |
| 5.2. AC Conducted Emission | |
| 5.3. 20 dB Bandwidth | |
| 5.4. Radiated Band edge Emission | |
| 5.5. Radiated Spurious Emission | 16 |
| | |
| 6. TEST SETUP PHOTOS | 2 1 |
| | |
| 7. EXTERNAL AND INTERNAL PHOTOS | 21 |
| | |
| 7.1 External photos | 24 |
| 7.1 External photos | |



1. REPORT VERSION

| Version No. | Issue date | Description |
|-------------|-------------------|-------------|
| 00 | November 29, 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 | |
| 5.3 | 20 dB Bandwidth | 15.215 (c) | PASS |
| 5.4 | Radiated Band Edge Emission | 15.205/15.209 | PASS |
| 5.5 | Radiated Spurious Emission | 15.249(a)(c)/15.205/15.209 | PASS |

Note:

The measurement uncertainty is not included in the test result.



3. **SUMMARY**

3.1. Product Description

| Main unit information: | |
|------------------------|-------------------|
| Product Name: | mouse |
| Trade Mark: | |
| Model No.: | Q7 |
| Listed Model(s): | |
| Power supply: | 1.5V from Battery |
| Hardware version: | V2.0 |
| Software version: | 1.38 |

3.2. Radio Specification Description

| Technology: | 2.4G |
|----------------------|-----------------|
| Modulation: | GFSK |
| Operation frequency: | 2403MHz~2480MHz |
| Channel number: | 16 |
| Antenna type: | PCB Antenna |
| Antenna gain: | 0dBi |

Channel list:

| CH1 | 2403 MHz | CH9 | 2445 MHz |
|-----|----------|------|----------|
| CH2 | 2414 MHz | CH10 | 2450 MHz |
| CH3 | 2424 MHz | CH11 | 2455 MHz |
| | | | |
| | | | |
| CH8 | 2441 MHz | CH16 | 2480 MHz |



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 |

3.5. Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS (dBuV/m) = RA (dBuV) + AF (dB/m) + CL (dB) - AG (dB)

| Where FS = Field Strength | CL = Cable Attenuation Factor (Cable Loss) | |
|---------------------------|--|--|
| RA = Reading Amplitude | AG = Amplifier Gain | |
| AF = Antenna Factor | | |

3.6. DISTURBANCE Calculation

The AC mains conducted disturbance is calculated by adding the 10dB Pulse Limiter and Cable Factor and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

CD (dBuV) = RA (dBuV) + PL (dB) + CL (dB)

| Where CD = Conducted Disturbance | CL = Cable Attenuation Factor (Cable Loss) |
|----------------------------------|--|
| RA = Reading Amplitude | PL = 10 dB Pulse Limiter Factor |

Page: 6 of 21

4. TEST CONFIGURATION

All measurements contained in this report were conducted with ANSI C63.10-2013, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

4.1. Test frequency list

| Channel | Frequency (MHz) | |
|---------|-----------------|--|
| CH-L | 2403 | |
| CH-M | 2441 | |
| CH-H | 2480 | |

4.2. Test mode

For RF test items:

The engineering prototype is provided with key switching channel to realize EUT continuous transmission..Power setting Default.

| Test Item | Test Mode | Modulation |
|---------------------|-------------|------------|
| | TX CH-L | GFSK |
| Conducted test item | TX CH-M | GFSK |
| Conducted test item | TX CH-H | GFSK |
| | Normal link | |
| | TX CH-L | GFSK |
| Dedicted test item | TX CH-M | GFSK |
| Radiated test item | TX CH-H | GFSK |
| | Normal link | |

Remark:

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 | PC | asus | LAPTOP-EF3AIDJL |

4.4. Test sample information

| Туре | sample no. |
|-----------------|------------------|
| Engineer sample | CISR241017099S01 |
| Normal sample | CISR241017099S01 |

Page: 7 of 21

The EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis)
data recorded in the report. All patterns have predictions, and the report only shows the worst pattern
data.



4.5. Testing environmental condition

| Туре | 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 |
| | Tradiated Band Edge Emission | 3.80dB for above 1GHz |
| | Padiated Spurious Emission | 3.76dB for 30MHz-1GHz |
| 9 | Radiated Spurious Emission | 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 | 2024.09.01 | 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 | 1 | 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 | 1 | 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 | 2023.01.09 | 2 Year |
| 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 |
| Antenna tower | SKET | Bk-4AT-BS | AT2021040101- V1 | N/A | N/A |



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 response-ble 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 EUT antenna is PCB antenna (0dBi), the directional gain of the antenna less than 6dBi. It comply with the standard requirement. In case of replacement of broken antenna the same antenna type must be used. Antenna structure please refer to the EUT internal photographs 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.

Page: 10 of 21

5.2. AC Conducted Emission

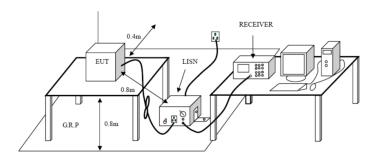
Limit:

FCC CFR Title 47 Part 15 Subpart C Section 15.207

| Fraguency range (MHz) | Limit (dBuV) | | | | |
|-----------------------|--------------|-----------|--|--|--|
| Frequency range (MHz) | 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.
- 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 4.2

Result:

Not Applicable



5.3. 20 dB Bandwidth

Limit: **Test configuration:** Spectrum Analyzer EUT 00 Non-Conducted Table Ground Reference Plane -The transmitter output was connected to the spectrum analyzer through Test procedure: an attenuator, the path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit 2. continuously Use the following spectrum analyzer settings: Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel RBW ≥ 1% of the 20 dB bandwidth, VBW ≥ RBW Sweep = auto, Detector function = peak, Trace = max hold

Test mode:

Result:

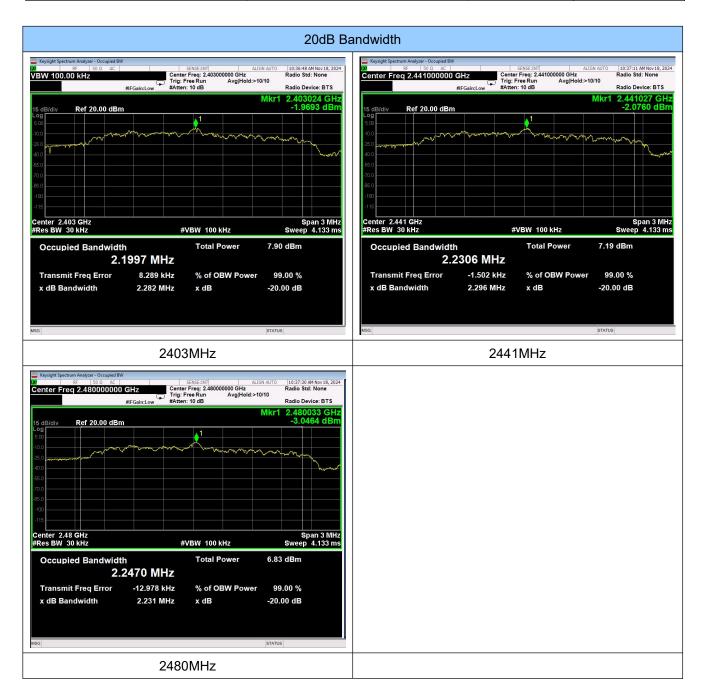
Refer to the clause 4.2

Measure and record the results in the test report.

Passed



| Test Result of 20dB Bandwidth Measurement | | | | | | | |
|---|--|---------------|--|--|--|--|--|
| Test Frequency(MHz) | Test Frequency(MHz) 20dB Bandwidth(MHz) Limit(MHz) | | | | | | |
| 2403 | 2.282 | Non-Specified | | | | | |
| 2441 | 2.296 | Non-Specified | | | | | |
| 2480 | 2.231 | Non-Specified | | | | | |







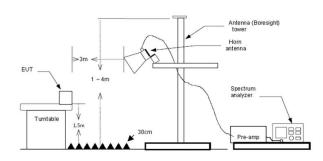
5.4. Radiated Band edge Emission

Limit:

FCC CFR Title 47 Part 15 Subpart C Section 15.249 (d):

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in § 15.209, whichever is the lesser attenuation.

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. Thisis repeated for both horizontal and vertical polarization of the antenna. In order to find themaximum 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
 - d) Set RBW=1MHz, VBW=3MHz for >1GHz, Sweep time=auto, Detector=Average, Trace=RMS for Average measurement

Test mode:

Refer to the clause 4.2

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 char | Test channel:CH01 | | | | | | | | | |
|----------------|-------------------|--------------------------|-------------------------|---------------------------|------------------------------------|-----------------|-----------------------|----------------|---------|------------|
| Freq. (MHz) | Reading (dBuv) | Ant. Factor (dB/m) | Cable Factor (dB) | Pre- amplifier (dB) | Correc tion Factor (dB/m) | Level (dBuv) | Limit (dBu V/m) | Margin (dB) | Remark | Polarity |
| 2400.00 | 69.91 | 28.62 | 4.08 | 38.62 | -5.92 | 63.99 | 74 | 10.01 | Peak | Horizontal |
| 2400.00 | 51.09 | 28.62 | 4.08 | 38.62 | -5.92 | 45.17 | 54 | 8.83 | Average | Horizontal |
| 2400.00 | 68.72 | 28.62 | 4.08 | 38.62 | -5.92 | 62.80 | 74 | 11.20 | Peak | Vertical |
| 2400.00 | 50.60 | 28.62 | 4.08 | 38.62 | -5.92 | 44.68 | 54 | 9.32 | Average | Vertical |

| Test char | Test channel:CH16 | | | | | | | | | | |
|----------------|-------------------|--------------------------|-------------------------|---------------------------|------------------------------------|-----------------|-----------------------|----------------|---------|------------|--|
| Freq. (MHz) | Reading (dBuv) | Ant. Factor (dB/m) | Cable Factor (dB) | Pre- amplifier (dB) | Correc tion Factor (dB/m) | Level (dBuv) | Limit (dBu V/m) | Margin (dB) | Remark | Polarity | |
| 2483.50 | 70.02 | 29.45 | 3.91 | 40.17 | -6.81 | 63.21 | 74 | 10.79 | Peak | Horizontal | |
| 2483.50 | 49.90 | 29.45 | 3.91 | 40.17 | -6.81 | 43.09 | 54 | 10.91 | Average | Horizontal | |
| 2483.50 | 68.12 | 29.45 | 3.91 | 40.17 | -6.81 | 61.31 | 74 | 12.69 | Peak | Vertical | |
| 2483.50 | 51.14 | 29.45 | 3.91 | 40.17 | -6.81 | 44.33 | 54 | 9.67 | Average | Vertical | |



5.5. Radiated Spurious Emission

Limit:

FCC CFR Title 47 Part 15 Subpart C Section 15.209

| Frequency | Limit (dBuV/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 dBuV/m @3m = Limit dBuV/m @300m + 40*log(300/3

Limit dBuV/m @3m = Limit dBuV/m @30m +40*log(30/3)

FCC CFR Title 47 Part 15 Subpart C Section 15.249

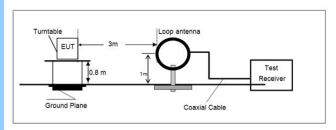
As shown in § 15.35(b), for frequencies above 1000 MHz, the field strength limits in paragraphs (a) and (b) of this section are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation under paragraph (b) of this section, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the Antenna azimuth.

| Fundamental frequency | Field strength of fundamental (millivolts/meter) | Field strength of harmonics (microvolts/meter) |
|--------------------------|--|--|
| 902-928 MHz | 50 | 500 |
| 2400-2483.5 MHz | 50 | 500 |
| 5725-5875 MHz | 50 | 500 |
| 24.0-24.25 GHz | 250 | 2500 |

| Frequency | Limit (dBuV/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(Field strength | 94.00 | Average |
| of fundamental) | 114.00 | Peak |
| Above 1GHz(Field strength | 54.00 | Average |
| of harmonics) | 74.00 | Peak |

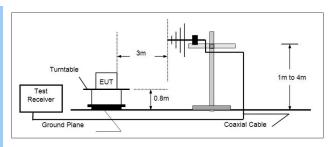
Test configuration:

9kHz~30MHz

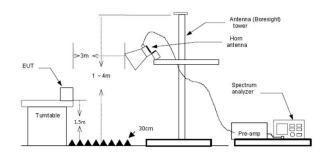


30 MHz ~ 1 GHz





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
- d) Set RBW=1MHz, VBW=3MHz for >1GHz, Sweep time=auto, Detector=Average, Trace=RMS for Average measurement

Test mode:

Refer to the clause 4.2

Result:

Passed



Note:

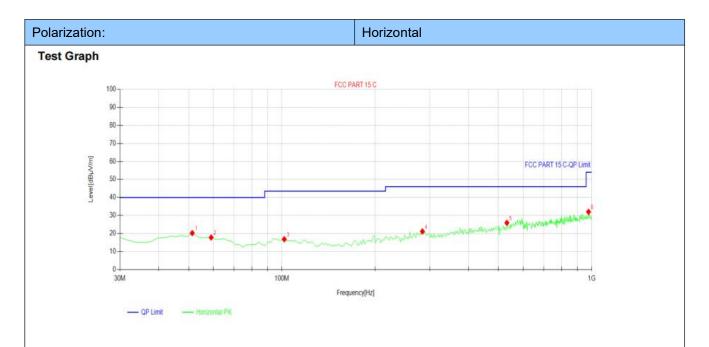
- 1) Level= Reading + Factor/Transd; Factor/Transd = Antenna Factor+ Cable Loss- Preamp Factor
- 2) Margin = Limit Level
- 3) Average measurement was not performed if peak level is lower than average limit(54 dBuV/m) for above 1GHz.
- 4) The other emission levels were very low against the limit.
- 5) This test was performed with EUT in X, Y, Z position and the worse case was found when EUT in X position.

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.

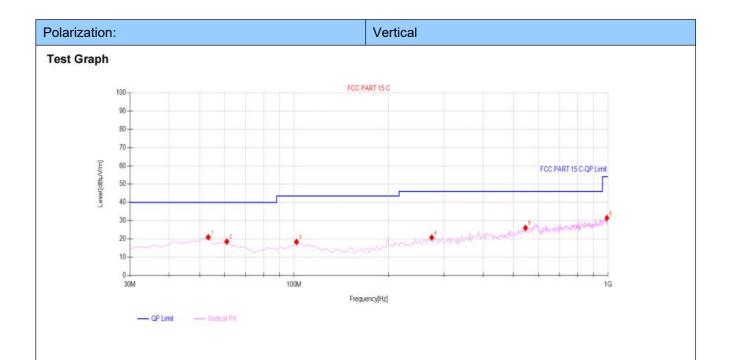
For 30 MHz ~ 1000 MHz

Have pre-scan all test channel, found CH1 which it was worst case, so only show the worst case's data on this report.



| Suspected Data List | | | | | | | | | |
|---------------------|----------------|---------------------|-------------------|----------------|-------------------|----------------|------------|---------|--|
| NO. | Freq. [MHz] | Reading [dBµV/m] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Polarity | Verdict | |
| 1 | 51.34 | 4.92 | 20.23 | 15.31 | 40.00 | 19.77 | Horizontal | PASS | |
| 2 | 59.1 | 3.62 | 17.79 | 14.17 | 40.00 | 22.21 | Horizontal | PASS | |
| 3 | 101.78 | 3.17 | 16.84 | 13.67 | 43.50 | 26.66 | Horizontal | PASS | |
| 4 | 284.14 | 5.87 | 21.14 | 15.27 | 46.00 | 24.86 | Horizontal | PASS | |
| 5 | 532.46 | 5.62 | 25.92 | 20.30 | 46.00 | 20.08 | Horizontal | PASS | |
| 6 | 976.72 | 5.92 | 32.04 | 26.12 | 54.00 | 21.96 | Horizontal | PASS | |





| Suspe | cted Data L | ist | 200 | | | | | ar. |
|-------|----------------|---------------------|-------------------|----------------|-------------------|----------------|----------|---------|
| NO. | Freq. [MHz] | Reading [dBµV/m] | Level [dBµV/m] | Factor [dB] | Limit [dBµV/m] | Margin [dB] | Polarity | Verdict |
| 1 | 53.28 | 5.84 | 20.87 | 15.03 | 40.00 | 19.13 | Vertical | PASS |
| 2 | 61.04 | 4.69 | 18.48 | 13.79 | 40.00 | 21.52 | Vertical | PASS |
| 3 | 101.78 | 4.64 | 18.31 | 13.67 | 43.50 | 25.19 | Vertical | PASS |
| 4 | 274.44 | 5.69 | 20.73 | 15.04 | 46.00 | 25.27 | Vertical | PASS |
| 5 | 546.04 | 5.46 | 26.03 | 20.57 | 46.00 | 19.97 | Vertical | PASS |
| 6 | 992.24 | 5.08 | 31.43 | 26.35 | 54.00 | 22.57 | Vertical | PASS |



For 1 GHz ~ 25 GHz

| Test channel:2403MHz | | | | | | | | | | | |
|----------------------|-------------------|--------------------------|-------------------------|---------------------------|------------------------------------|-----------------|-----------------------|----------------|---------|------------|--|
| Freq. (MHz) | Reading (dBuv) | Ant. Factor (dB/m) | Cable Factor (dB) | Pre- amplifier (dB) | Correc tion Factor (dB/m) | Level (dBuv) | Limit (dBu V/m) | Margin (dB) | Remark | Polarity | |
| 2403.00 | 92.33 | 29.18 | 4.02 | 38.35 | -5.15 | 87.18 | 114 | 26.82 | Peak | Horizontal | |
| 2403.00 | 80.56 | 29.18 | 4.02 | 38.35 | -5.15 | 75.41 | 94 | 18.59 | Average | Horizontal | |
| 2403.00 | 81.35 | 29.18 | 4.02 | 38.35 | -5.15 | 76.20 | 114 | 37.80 | Peak | Vertical | |
| 2403.00 | 67.17 | 29.18 | 4.02 | 38.35 | -5.15 | 62.02 | 94 | 31.98 | Average | Vertical | |
| 4806.00 | 69.56 | 31.33 | 4.23 | 38.62 | -3.06 | 66.50 | 74 | 7.50 | Peak | Horizontal | |
| 4806.00 | 50.82 | 31.33 | 4.23 | 38.62 | -3.06 | 47.76 | 54 | 6.24 | Average | Horizontal | |
| 4806.00 | 65.48 | 31.33 | 4.23 | 38.62 | -3.06 | 62.42 | 74 | 11.58 | Peak | Vertical | |
| 4806.00 | 50.96 | 31.33 | 4.23 | 38.62 | -3.06 | 47.90 | 54 | 6.10 | Average | Vertical | |

| Test channel:2441MHz | | | | | | | | | | | |
|----------------------|-------------------|--------------------------|-------------------------|---------------------------|------------------------------------|-----------------|-----------------------|----------------|---------|------------|--|
| Freq. (MHz) | Reading (dBuv) | Ant. Factor (dB/m) | Cable Factor (dB) | Pre- amplifier (dB) | Correc tion Factor (dB/m) | Level (dBuv) | Limit (dBu V/m) | Margin (dB) | Remark | Polarity | |
| 2441.00 | 92.56 | 29.23 | 4.02 | 38.2 | -4.95 | 87.61 | 114 | 26.39 | Peak | Horizontal | |
| 2441.00 | 80.92 | 29.23 | 4.02 | 38.2 | -4.95 | 75.97 | 94 | 18.03 | Average | Horizontal | |
| 2441.00 | 82.49 | 29.23 | 4.02 | 38.2 | -4.95 | 77.54 | 114 | 36.46 | Peak | Vertical | |
| 2441.00 | 69.04 | 29.23 | 4.02 | 38.2 | -4.95 | 64.09 | 94 | 29.91 | Average | Vertical | |
| 4882.00 | 70.34 | 30.26 | 4.09 | 38.29 | -3.94 | 66.40 | 74 | 7.60 | Peak | Horizontal | |
| 4882.00 | 52.12 | 30.26 | 4.09 | 38.29 | -3.94 | 48.18 | 54 | 5.82 | Average | Horizontal | |
| 4882.00 | 67.54 | 30.26 | 4.09 | 38.29 | -3.94 | 63.60 | 74 | 10.40 | Peak | Vertical | |
| 4882.00 | 51.78 | 30.26 | 4.09 | 38.29 | -3.94 | 47.84 | 54 | 6.16 | Average | Vertical | |

| Test channel:2480MHz | | | | | | | | | | | |
|----------------------|-------------------|--------------------------|-------------------------|---------------------------|------------------------------------|-----------------|-----------------------|----------------|---------|------------|--|
| Freq. (MHz) | Reading (dBuv) | Ant. Factor (dB/m) | Cable Factor (dB) | Pre- amplifier (dB) | Correc tion Factor (dB/m) | Level (dBuv) | Limit (dBu V/m) | Margin (dB) | Remark | Polarity | |
| 2480.00 | 94.32 | 29.2 | 4.02 | 38.3 | -5.08 | 89.24 | 114 | 24.76 | Peak | Horizontal | |
| 2480.00 | 80.61 | 29.2 | 4.02 | 38.3 | -5.08 | 75.53 | 94 | 18.47 | Average | Horizontal | |
| 2480.00 | 82.70 | 29.2 | 4.02 | 38.3 | -5.08 | 77.62 | 114 | 36.38 | Peak | Vertical | |
| 2480.00 | 67.64 | 29.2 | 4.02 | 38.3 | -5.08 | 62.56 | 94 | 31.44 | Average | Vertical | |
| 4960.00 | 63.43 | 31.97 | 4.11 | 38.47 | -2.39 | 61.04 | 74 | 12.96 | Peak | Horizontal | |
| 4960.00 | 52.06 | 31.97 | 4.11 | 38.47 | -2.39 | 49.67 | 54 | 4.33 | Average | Horizontal | |
| 4960.00 | 65.95 | 31.97 | 4.11 | 38.47 | -2.39 | 63.56 | 74 | 10.44 | Peak | Vertical | |
| 4960.00 | 49.51 | 31.97 | 4.11 | 38.47 | -2.39 | 47.12 | 54 | 6.88 | Average | Vertical | |



6. TEST SETUP PHOTOS

Please refer to report for Test CISRR24101709901 of the EUT.

7. EXTERNAL AND INTERNAL PHOTOS

7.1 External photos

Please refer to report for Test CISRR24101709901 of the EUT.

7.2 Internal photos

Please refer to report for Test CISRR24101709901 of the EUT.

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