FCC Test Report

APPLICANT : OnePlus Technology (Shenzhen) Co., Ltd. EQUIPMENT : OnePlus AIRVOOC 50W Magnetic Charger

BRAND NAME : OnePlus MODEL NAME : OAWV08

FCC ID : 2ABZ2-OAWV08

STANDARD : 47 CFR Part 15 Subpart B

CLASSIFICATION: Certification

TEST DATE(S) : Jul. 10, 2024 ~ Jul. 13, 2024

We, Sporton International Inc. (Shenzhen), would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI C63.4-2014 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (Shenzhen), the test report shall not be reproduced except in full.

JasonJia

Approved by: Jason Jia





Report No.: FC470802

Sporton International Inc. (ShenZhen)

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055

People's Republic of China

Sporton International Inc. (ShenZhen)

TEL: +86-755-8637-9589 FAX: +86-755-8637-9595 FCC ID: 2ABZ2-OAWV08 Page Number : 1 of 19
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REVISION HISTORY

| REPORT NO. | VERSION | DESCRIPTION | ISSUED DATE |
|------------|---------|-------------------------|---------------|
| FC470802 | Rev. 01 | Initial issue of report | Aug. 12, 2024 |
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SUMMARY OF TEST RESULT

| Report Section | FCC Rule | Description | Limit | Result | Remark |
|-------------------|----------|-----------------------|-----------------|--------|-------------|
| | | | | | Under limit |
| 3.1 | 15.107 | AC Conducted Emission | < 15.107 limits | PASS | 12.05 dB at |
| | | | | | 0.19 MHz |
| | | | | | Under limit |
| 3.2 | 15.109 | Radiated Emission | < 15.109 limits | PASS | 8.40 dB at |
| | | | | | 38.73 MHz |

Conformity Assessment Condition:

The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account. Please refer to each test results in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

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1. General Description

1.1. Applicant

OnePlus Technology (Shenzhen) Co., Ltd.

18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.

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1.2. Manufacturer

OnePlus Technology (Shenzhen) Co., Ltd.

18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.

1.3. Product Feature of Equipment Under Test

| | Product Feature |
|---------------------------------|--------------------------------------|
| Equipment | OnePlus AIRVOOC 50W Magnetic Charger |
| Brand Name | OnePlus |
| Model Name | OAWV08 |
| FCC ID | 2ABZ2-OAWV08 |
| EUT supports Radios application | WPT |
| HW Version | V.6 |
| SW Version | V0.21 |
| EUT Stage | Identical Prototype |

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4. Product Specification of Equipment Under Test

| Standa | rds-related Product Specification |
|--------------------|-----------------------------------|
| Tx/Rx Frequency | 111 kHz~ 148.5 kHz |
| Antenna Type | Coil Antenna |
| Type of Modulation | ASK |

1.5. Modification of EUT

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

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1.6. Test Location

Sporton International Inc. (Shenzhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

| Test Firm | Sporton International Inc. (Shenzhen) | | | | | | |
|--------------------|---|-------------------------------|--------------------|--|--|--|--|
| | | ndustrial Zone, Xinwei Villag | ge, Xili, Nanshan, | | | | |
| Test Site Location | Shenzhen, 518055 People's Republic of China | | | | | | |
| rest offe Location | TEL: +86-755-86379589 | | | | | | |
| | FAX: +86-755-86379595 | | | | | | |
| | Sporton Sito No | FCC Designation No. | FCC Test Firm | | | | |
| Test Site No. | Sporton Site No. | FCC Designation No. | Registration No. | | | | |
| | CO01-SZ | CN1256 | 421272 | | | | |

| Test Firm | Sporton International Inc. (Shenzhen) | | | | |
|--------------------|--|---------------------|-----------------------------------|--|--|
| Test Site Location | 101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985 | | | | |
| Test Site No. | Sporton Site No. | FCC Designation No. | FCC Test Firm Registration No. | | |
| | 03CH05-SZ | CN1256 | 421272 | | |

1.7. Test Software

| Item | Site | Manufacturer | Name | Version |
|------|-----------|--------------|------|-------------|
| 1. | 03CH05-SZ | AUDIX | E3 | 6.2009-8-24 |
| 2. | CO01-SZ | AUDIX | E3 | 6.120613b |

1.8. Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR Part 15 Subpart B
- ANSI C63.4-2014

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

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2. Test Configuration of Equipment Under Test

2.1. Test Mode

The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (30MHz to the 5th harmonic of the highest frequency or to 40 GHz, whichever is lower).

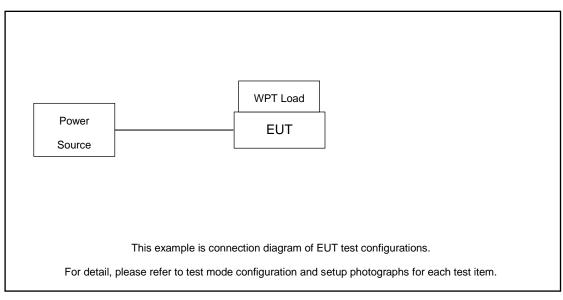
| Test Items | Function Type |
|--------------------------|--|
| AC Conducted Emission | Mode 1: WPT Load + wireless charging + EUT + USB Cable + Adapter |
| Radiated Emissions | Mode 1: WPT Load + wireless charging + EUT + USB Cable + Adapter |

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2.2.Connection Diagram of Test System



The EUT has been associated with peripherals pursuant to ANSI C63.4-2014 and configuration operated in a manner tended to maximize its emission characteristics in a typical application

2.3. Support Unit used in test configuration and system

| Item | Equipment | Trade Name | Model Name | FCC ID | Data Cable | Power Cord |
|------|------------|------------|------------|--------|------------|--------------|
| 1. | WPT Load | N/A | N/A | N/A | N/A | N/A |
| 2. | USB Cable | OPPO | N/A | N/A | N/A | Shield, 1.0m |
| 3. | AC Adapter | OPPO | N/A | N/A | N/A | N/A |

2.4. EUT Operation Test Setup

The EUT wireless charge for the WPT Load at maximum changing rate.

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3. Test Result

3.1. Test of AC Conducted Emission Measurement

3.1.1 Limits of AC Conducted Emission

For equipment 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.

<Class B Limit>

| Frequency of emission | Conducted | limit (dBuV) |
|-----------------------|------------|--------------|
| (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.

3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

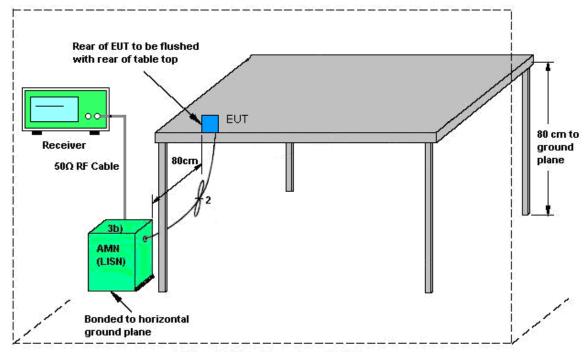
3.1.3 Test Procedure

- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- 2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- 3. All the support units are connecting to the other LISN.
- 4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- 5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
- 6. Both sides of AC line were checked for maximum conducted interference.
- 7. The frequency range from 150 kHz to 30 MHz was searched.
- 8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

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3.1.4 Test Setup



AMN = Artificial mains network (LISN)

AE = Associated equipment

EUT = Equipment under test

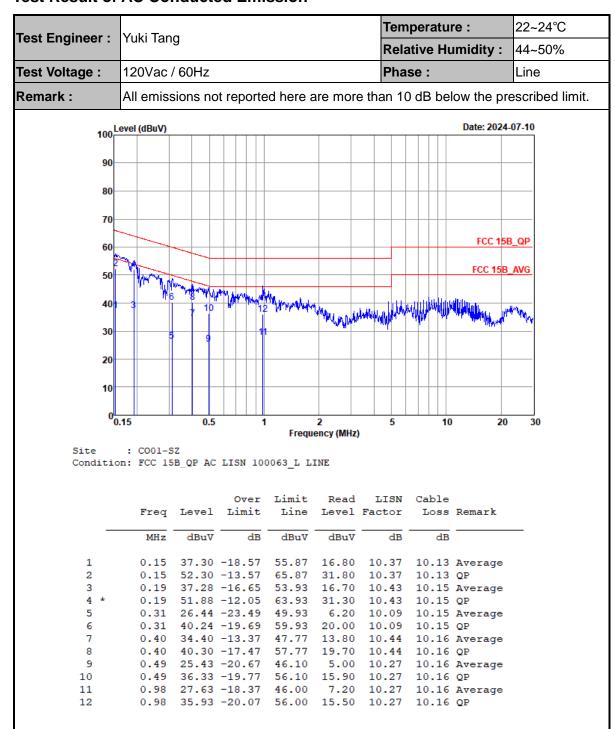
ISN = Impedance stabilization network

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3.1.5 Test Result of AC Conducted Emission



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| Foot Engineer : | Vuki Tan | ~ | | | | Ten | nperati | ıre : | 22~24°C |
|-------------------|---|--|---|--|--|---|---|--|--------------|
| Test Engineer : | Yuki Tan | g | | | | Rela | ative H | lumidity: | 44~50% |
| Test Voltage : | 120Vac | 60Hz | | | | Pha | se : | | Neutral |
| Remark : | All emiss | sions no | t reporte | ed here a | are more | e than 1 | 0 dB be | elow the pr | escribed lim |
| 1 | _evel (dBuV) | | | | | | | Date: 2024 | I-07-10 |
| 100 | CVCI (ubav) | | | | | | | | |
| 90- | | | | | | | | | |
| | | | | | | | | | |
| 80 | | | | | | | | | |
| | | | | | | | | | |
| 70 | | | | | | | | | |
| 20 | | | | | | | | FCC 15 | B_QP |
| 60 | | | | | | | | | |
| 50 | 7 | | | | | | | FCC 15B | AVG |
| 30 | - Amery | — | ++++ | tı . | + + | | | | |
| 40 | 4/1 | MANA TAM | | <u> </u> | | . | | I III | nde. |
| | -W Y | 6 1110 |] V OTANT | < Wynadynydu | Marylandella | AMADAMA AMADA | edika belandayan | Property Company | "The bay |
| 30 | 1 3 | | | <u> </u> | 1 780 1 100 10 | A S A S A S A S A S A S A S A S A S A S | - 1 | 440 | |
| | | 5 1 | 1 | 1 | | | | | |
| 20 | | | | | | | | | |
| | | | | | | | | | |
| 10 | | | | | | | | | |
| 0 | | | | | | | | | l l |
| | | | | | | | | | |
| 0 |).15 | 0.5 | 1 | | 2 ency (MHz) | 5 | 1 | 0 20 | 30 |
| Site |).15 : CO01-S | | 1 | | 2 ency (MHz) | _ | 1 | 0 20 | 30 |
| Site | | SZ. | | Frequ | ency (MHz) | _ | 1 | 0 20 | 30 |
| Site | : CO01-S | SZ. | | Frequ | ency (MHz) | _ | 1 | 0 20 | 30 |
| Site | : CO01-S | SZ. | LISN 10 | Frequ | ency (MHz) |) | Cable | | 30 |
| Site | : CO01-S | SZ SB_QP_AC | LISN 10 | Frequ 0063_N N Limit | ency (MHz) EUTRAL Read |) | Cable | | 30 |
| Site | : COO1-S on: FCC 15 Freq | SZ SB_QP_AC Level | CVer | Frequ 0063_N N Limit Line | EUTRAL Read Level | LISN Factor | Cable Los: | e s Remark | 30 |
| Site | : CO01-S | SZ SB_QP_AC | LISN 10 | Frequ 0063_N N Limit | ency (MHz) EUTRAL Read | LISN | Cable | e s Remark | 30 |
| Site | : COO1-S on: FCC 15 Freq MHz | EB QP AC Level | Over Limit | Frequ 0063_N N Limit Line dBuV | ency (MHz) EUTRAL Read Level dBuV | LISN Factor | Cable Los: | e s Remark | 30 |
| Site Condition | : C001-S on: FCC 15 Freq MHz 0.15 0.15 | Level dBuV 27.16 44.66 | Over Limit dB -28.84 -21.34 | Frequence of Frequ | Read Level dBuV | LISN Factor dB 10.13 10.13 | Cable Loss di | Remark Remark Average QP | 30 |
| Site Condition | : C001-S on: FCC 15 Freq MHz 0.15 0.15 0.24 | EZ B QP AC Level dBuV 27.16 44.66 26.43 | Over Limit dB -28.84 -21.34 -25.83 | Frequence | Read Level dBuV 6.90 24.40 6.10 | LISN Factor dB 10.13 10.13 10.18 | Cable Los: di 10.1: 10.1: 10.1: | Remark Average QP Average | 30 |
| Site Condition | : C001-S on: FCC 15 Freq MHz 0.15 0.15 0.24 0.24 | EVEL DE LEVEL DE LEVE | Over Limit dB -28.84 -21.34 -25.83 -23.33 | Frequence | Read Level dBuV 6.90 24.40 6.10 18.60 | LISN Factor dB 10.13 10.13 10.18 10.18 | Cable Loss di 10.11 10.11 10.11 10.11 | Remark Remark Average QP Average QP | 30 |
| Site Condition | : C001-S pn: FCC 1S Freq MHz 0.15 0.15 0.24 0.24 0.35 | Level dBuV 27.16 44.66 26.43 38.93 21.07 | Over Limit -28.84 -21.34 -25.83 -23.33 -27.84 | Frequence | Read Level dBuV 6.90 24.40 6.10 18.60 0.60 | LISN Factor dB 10.13 10.13 10.18 10.18 10.31 | Cable Loss di 10.11 10.11 10.11 10.11 | Remark Remark Average Average Average Average | 30 |
| Site Condition | : C001-S pn: FCC 1S Freq MHz 0.15 0.15 0.24 0.24 0.35 0.35 | Level dBuV 27.16 44.66 26.43 38.93 21.07 33.77 | Over Limit -28.84 -21.34 -25.83 -23.33 -27.84 -25.14 | Frequence of Frequ | Read Level dBuV 6.90 24.40 6.10 18.60 0.60 13.30 | LISN Factor dB 10.13 10.13 10.18 10.18 10.31 10.31 | Cable Loss di 10.11 10.11 10.11 10.11 10.11 | Remark Remark Average Average Average Average Average Average | 30 |
| Site Condition | : C001-S on: FCC 1S Freq MHz 0.15 0.15 0.24 0.35 0.35 0.40 | Level dBuV 27.16 44.66 26.43 38.93 21.07 33.77 32.28 | Over Limit -28.84 -21.34 -25.83 -23.33 -27.84 -25.14 -15.53 | Frequence of Frequ | Read Level dBuV 6.90 6.10 18.60 0.60 13.30 12.19 | LISN Factor dB 10.13 10.13 10.18 10.18 10.31 10.31 9.93 | Cable Loss di 10.11 10.11 10.11 10.11 10.11 10.11 | Remark Remark | 30 |
| Site Condition | : C001-S pn: FCC 1S Freq MHz 0.15 0.15 0.24 0.35 0.35 0.40 0.40 | Level dBuV 27.16 44.66 26.43 38.93 21.07 33.77 32.28 37.18 | Over Limit -28.84 -21.34 -25.83 -23.33 -27.84 -25.14 -15.53 -20.63 | Frequence of Frequ | Read Level dBuV 6.90 6.10 18.60 0.60 13.30 12.19 17.09 | LISN Factor dB 10.13 10.13 10.18 10.18 10.31 10.31 9.93 9.93 | Cable Loss di 10.11 10.12 10.11 10.11 10.11 10.11 10.11 | Remark Remark Remark Average QP Average QP Average QP Average QP Average | 30 |
| Site Condition | : C001-S pn: FCC 1S Freq MHz 0.15 0.15 0.24 0.35 0.35 0.40 0.40 0.48 | Level dBuV 27.16 44.66 26.43 38.93 21.07 33.77 32.28 37.18 24.84 | Over Limit -28.84 -21.34 -25.83 -23.33 -27.84 -15.53 -20.63 -21.57 | Frequence of Frequ | Read Level dBuV 6.90 24.40 6.10 18.60 0.60 13.30 12.19 17.09 4.59 | LISN Factor dB 10.13 10.13 10.18 10.18 10.31 10.31 9.93 9.93 10.09 | Cable Loss di 10.13 10.13 10.14 10.16 10.16 10.16 10.16 | Remark Remark Average QP Average QP Average QP Average QP Average QP Average QP Average | 30 |
| Site Condition | : C001-S on: FCC 1S Freq MHz 0.15 0.15 0.24 0.35 0.35 0.40 0.40 0.48 0.48 | Level dBuV 27.16 44.66 26.43 38.93 21.07 33.77 32.28 37.18 24.84 34.34 | Over Limit -28.84 -21.34 -25.83 -23.33 -27.84 -25.14 -15.53 -20.63 -21.57 -22.07 | Frequence of Frequ | Read Level dBuV 6.90 24.40 6.10 18.60 0.60 13.30 12.19 17.09 4.59 14.09 | LISN Factor dB 10.13 10.13 10.18 10.31 10.31 9.93 9.93 10.09 10.09 | Cable Loss di 10.11 10.12 10.13 10.14 10.16 10.16 10.16 10.16 10.16 | Remark Remark Average QP Average QP Average QP Average QP Average QP Average QP Average | 30 |
| Site Condition | : C001-S on: FCC 1S Freq MHz 0.15 0.15 0.24 0.35 0.35 0.40 0.40 0.48 0.48 1.00 | Level dBuV 27.16 44.66 26.43 38.93 21.07 33.77 32.28 37.18 24.84 34.34 23.08 | Over Limit -28.84 -21.34 -25.83 -23.33 -27.84 -15.53 -20.63 -21.57 | Frequence of the second | Read Level dBuV 6.90 24.40 6.10 18.60 0.60 13.30 12.19 17.09 4.59 14.09 2.70 | LISN Factor dB 10.13 10.13 10.18 10.31 10.31 9.93 10.09 10.09 10.22 | Cable Loss di 10.11 10.12 10.13 10.14 10.16 10.16 10.16 10.16 10.16 | Remark Remark Average QP Average QP Average QP Average QP Average QP Average QP Average QP Average | 30 |

Note:

- 1. Level(dB μ V) = Read Level(dB μ V) + LISN Factor(dB) + Cable Loss(dB)
- 2. Over Limit(dB) = Level(dB μ V) Limit Line(dB μ V)

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3.2. Test of Radiated Emission Measurement

3.2.1. Limit of Radiated Emission

The emissions from an unintentional radiator shall not exceed the field strength levels specified in the following table:

<Class B Limit>

| Frequency | Field Strength | Measurement Distance |
|-----------|--------------------|----------------------|
| (MHz) | (microvolts/meter) | (meters) |
| 30 – 88 | 100 | 3 |
| 88 – 216 | 150 | 3 |
| 216 - 960 | 200 | 3 |
| Above 960 | 500 | 3 |

3.2.2. Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

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3.2.3. Test Procedures

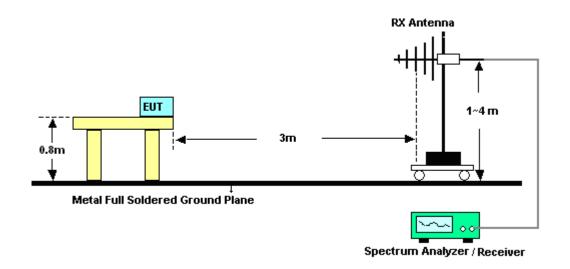
- 1. The EUT was placed on a turntable with 0.8 meter above ground.
- 2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 3. The table was rotated 360 degrees to determine the position of the highest radiation.
- 4. The antenna is a Bi-Log antenna and its height is adjusted between one to four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
- 5. 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.
- 6. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode (RBW=120kHz/VBW=300kHz for frequency below 1GHz; RBW=1MHz VBW=3MHz (Peak), RBW=1MHz/VBW=10Hz (Average) for frequency above 1GHz).
- 7. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.
- 8. Emission level (dB μ V/m) = 20 log Emission level (μ V/m)
- 9. Corrected Reading: Antenna Factor + Cable Loss + Read Level Preamp Factor = Level
- 10. Exploratory radiated emissions testing of handheld and/or body-worn devices shall include rotation of the EUT through three orthogonal axes (X/Y/Z Plane) to determine the orientation (attitude) that maximizes the emissions.

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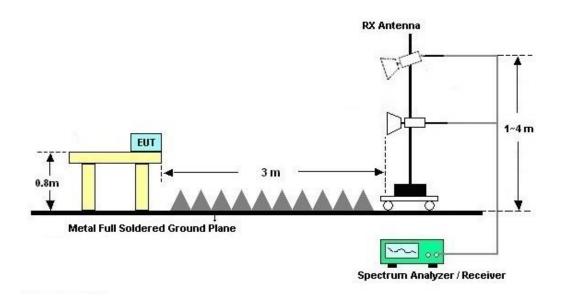
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3.2.4. Test Setup of Radiated Emission

For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz

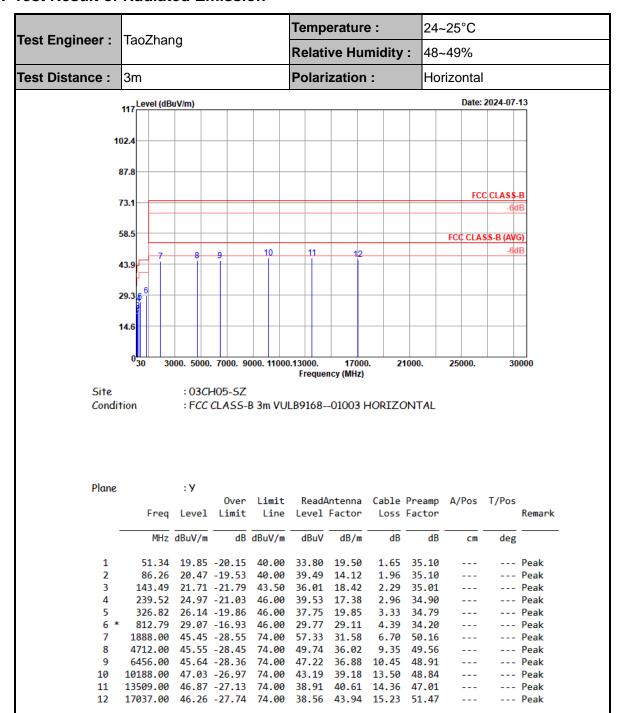


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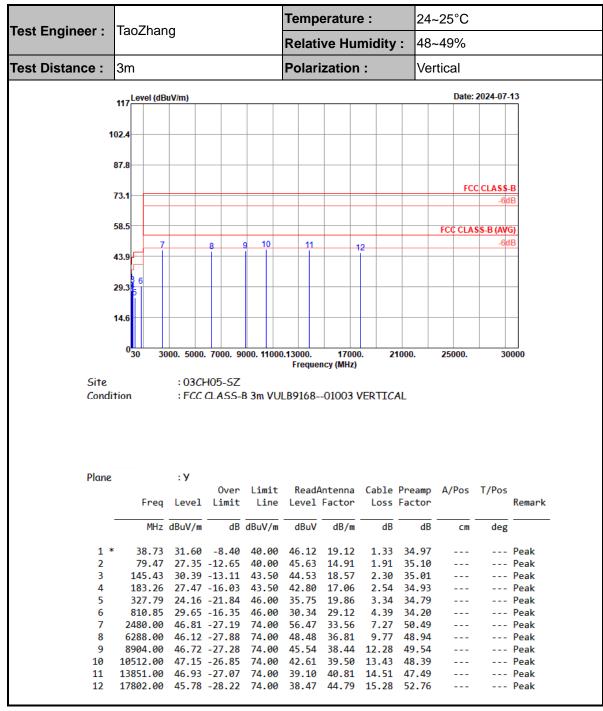
3.2.5. Test Result of Radiated Emission



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Note:

- Level(dBμV/m) = Read Level(dBμV) + Antenna Factor(dB/m) + Cable Loss(dB) Preamp Factor(dB)
- 2. Over Limit(dB) = Level(dB μ V/m) Limit Line(dB μ V/m)

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4. List of Measuring Equipment

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|-----------------------------------|-----------------|-----------|------------------|--------------------|---------------------|---------------|---------------|--------------------------|
| EMI Test Receiver | R&S | ESR7 | 102261 | 9kHz~7GHz | Apr. 09, 2024 | Jul. 13, 2024 | Apr. 08, 2025 | Radiation (03CH05-SZ) |
| EXA Spectrum Analyzer | KEYSIGHT | N9010B | MY59071191 | 10Hz~44GHz | Apr. 09, 2024 | Jul. 13, 2024 | Apr. 08, 2025 | Radiation (03CH05-SZ) |
| Bilog Antenna | TeseQ | CBL6112D | 35408 | 30MHz-2GHz | Aug. 20, 2023 | Jul. 13, 2024 | Aug. 19, 2025 | Radiation (03CH05-SZ) |
| Double Ridge Horn Antenna | SCHWARZBE CK | BBHA9120D | 9120D-2206 | 1GHz~18GHz | Apr. 09, 2024 | Jul. 13, 2024 | Apr. 08, 2025 | Radiation (03CH05-SZ) |
| Horn Antenna | SCHWARZBE CK | BBHA9170 | 00983 | 15GHz~40GHz | Apr. 09, 2024 | Jul. 13, 2024 | Apr. 08, 2025 | Radiation (03CH05-SZ) |
| Amplifier | EM Electronics | EM330 | 060756 | 0.01Hz ~3000MHz | Apr. 09, 2024 | Jul. 13, 2024 | Apr. 08, 2025 | Radiation (03CH05-SZ) |
| HF Amplifier | EM Electronics | EM01G18GA | 060781 | 1GHz~18GHz | Apr. 09, 2024 | Jul. 13, 2024 | Apr. 08, 2025 | Radiation (03CH05-SZ) |
| HF Amplifier | EM Electronics | EM18G40G | 060778 | 18GHz~40GHz | Apr. 09, 2024 | Jul. 13, 2024 | Apr. 08, 2025 | Radiation (03CH05SZ) |
| AC Power Source | APC | AFV-S-600 | F119050013 | N/A | Oct. 18, 2023 | Jul. 13, 2024 | Oct. 17, 2024 | Radiation (03CH05-SZ) |
| Turn Table | EMEC | T-200-S-1 | 060925-T | 0~360 degree | NCR | Jul. 13, 2024 | NCR | Radiation (03CH05-SZ) |
| Antenna Mast | EMEC | MBS-400-1 | 060927 | 1 m~4 m | NCR | Jul. 13, 2024 | NCR | Radiation (03CH05-SZ) |
| EMI Receiver | R&S | ESR7 | 101630 | 9kHz~7GHz; | Apr. 09, 2024 | Jul. 10, 2024 | Apr. 08, 2025 | Conduction (CO01-SZ) |
| AC LISN | R&S | ENV216 | 100063 | 9kHz~30MHz | Aug. 21, 2023 | Jul. 10, 2024 | Aug. 20, 2024 | Conduction (CO01-SZ) |
| AC LISN (for auxiliary equipment) | EMCO | 3816/2SH | 00103892 | 9kHz~30MHz | Oct. 16, 2023 | Jul. 10, 2024 | Oct. 15, 2024 | Conduction (CO01-SZ) |
| AC Power Source | Chroma | 61602 | 61602000089 1 | 100Vac~250Vac | Apr. 09, 2024 | Jul. 10, 2024 | Apr. 08, 2025 | Conducted (TH01-SZ) |

NCR: No Calibration Required

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5. Measurement Uncertainty

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

| Measuring Uncertainty for a Level of Confidence | 2.5dB |
|---|-------|
| of 95% (U = 2Uc(y)) | 2.5UB |

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

| Measuring Uncertainty for a Level of Confidence | 4.2dB |
|---|-------|
| of 95% (U = 2Uc(y)) | |

<u>Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)</u>

| Measuring Uncertainty for a Level of Confidence | 5.4.15 |
|---|--------|
| of 95% (U = 2Uc(y)) | 5.1dB |

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

| Measuring Uncertainty for a Level of Confidence | 4.1dB |
|---|-------|
| of 95% (U = 2Uc(y)) | 4.1UB |

----- THE END -----

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