WSET WSL





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TEST REPORT

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FCC ID: 2AXYP-OTW-323P-L

Product: True Wireless Earbuds
Model No.: OTW-323P

WSCT

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AWS CT

Trade Mark: oraimo

Report No.: WSCT-ANAB-R&E250300014A-15B

Issued Date: 14 March 2025 5

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Issued for:

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WSCT

ORAIMO TECHNOLOGY LIMITED

FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI

STREET FOTAN NT HONGKONG 7 W5 C1

WSCT

WSET

Issued By:

WELT

WSIT

World Standardization Certification & Testing Group(Shenzhen) Co., Ltd. Building A-B,Baoli'an Industrial Park,No.58 and 60,Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China.

TEL: +86-755-26996192

FAX: +86-755-86376605

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apply to the tested sample.

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Member of the WSCT Group (WSCT SA)

WSFT

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W5 CT



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| ADD: Building A-B,Baoli'a | WS CT WS C | / |
| TEL: 0086-755-26996192 2 | | td |

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W5 CT





WSET

Report No.: WSCT-ANAB-R&E250300014A-15B

Test Certification

Product: True Wireless Earbuds

Model No.: **OTW-323P**

Additional

oraimo Model:

ORAIMO TECHNOLOGY LIMITED **Applicant:**

FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25

WSET

SHAN MEI STREET FOTAN NT HONGKONG

Manufacturer: ORAIMO TECHNOLOGY LIMITED

FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25

SHAN MEI STREET FOTAN NT HONGKONG

Date of receipt: 03 March 2025

Date of Test: 04 March 2025 ~ 13 March 2025

Applicable FCC CFR Title 47 Part 15 Subpart B Standards:

The above equipment has been tested by World Standardization Certification & Testing Group(Shenzhen) Co., Ltd. and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

W5 CT WSET

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liang (ruantiang Tested By:

(Jiang Guanliang)

Checked By:

(Qin Shuiquan)

Approved By:

(Li Huaibi)

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深圳世标检测认证股份有限公司

World Standardization Certification& Testing Group (Shenzhen) Co., Ltd



W5CT



Report No.: WSCT-ANAB-R&E250300014A-15B

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W5 CT°

2. GENERAL DESCRIPTION OF EUT

W5CT°

| | Product Name: | True Wireless Earbuds WSCT WSCT | 15 ET° |
|-----|----------------------|--|--------|
| / | Model : | OTW-323P | |
| | Trade Mark: | oraimo | |
| E T | Operating Voltage | Li-ion Polymer Battery: 451012 Nominal Voltage: 3.7V Rated Capacity: 35mAh/0.1295Wh Charging Box: 802035 Nominal Voltage: 3.7V | '5CT |
| | | Capacity:500mAh/3.7V/1.85Wh | |
| | Remark: | N/A. | |
| 77 | NI. 1. 4 NI/A | WE CT | |

W5 [7] Note: 1. N/A stands for no applicable. [7]

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2. Antenna gain provided by the applicant

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W5 CT

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Report No.: WSCT-ANAB-R&E250300014A-15B

W5 CT

3. Test Result Summary

| | harry harry | | Auren | W5CT |
|----------|--|-------------------|-----------|-----------|
| | Requirement | CFR 47 Section | Result | W-I-I B |
| X | CONDUCTED EMISSION | §15.107 | PASS | |
| W5 CT° | RADIATED EMISSION | W5CT §15.109 W5CT | PASS/5[7] | |
| | Note: | X | X | X |
| | 1. PASS: Test item meets the requir | | WSET | W5CT |
| \times | 2. Fail: Test item does not meet the | X | X | |
| W5 CT° | 3. N/A: Test case does not apply to4. The test result judgment is decided | | WSET | |
| VI Z G | | | | |
| , | | | | |
| | WSET® WSE | T° W5ET° | W5ET* | AWS ET |
| W5ET* | WSCT | WSET WSET | W5 ET | |
| | | | | |
| | WS ET WS E | T° WSET° | W5 ET | WSET |
| | | | | Water |
| WSCT | WSET | WSET WSET | WSCT | |
| | | | | \bigvee |
| | WS ET WS E | T WSET | W5ET | W5LT° |
| | | | | |
| WSET | WSET | WSET WSET | W5 CT | |
| | | | | |
| | X | | | |

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W5CT°

Report No.: WSCT-ANAB-R&E250300014A-15B

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W5CT°

4. TEST METHODOLOGY

W5 CT

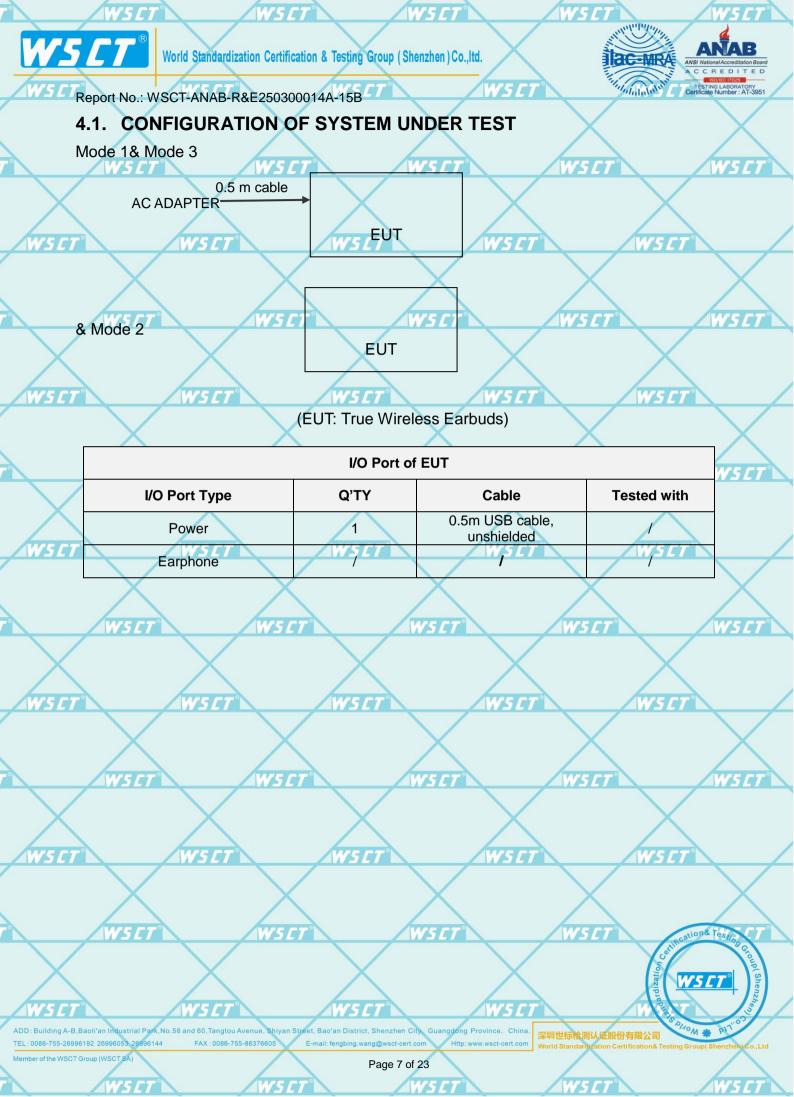
To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

| | Pretest Mode | Description | |
|-----|--------------|----------------------|-----|
| V 6 | Mode 1 | Charging | 100 |
| | Mode 2 | Bluetooth | |
| | Mode 3 | Bluetooth + charging | |

Note: Bluetooth earphones cannot be turned on while charging in the charging compartment.

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| | | | Wall | | |
|---|------|--|--|----------|----------------------------------|
| | WSET | WSCT | WSET | W5ET° | WSCT |
| | W5ET | WSCT | \times | WS ET WS | |
| | WSET | WSET | WSCT | WSET | WSET |
| | WSET | WSCT | WSET | WS CT WS | |
| | WSET | WSET | WSET | WSLT | WSCT |
| | WSET | WSCT | WSET | WS ET WS | ET . |
| | WSET | WSET | WSET | | cations Testin 7 |
| | WSET | WSCT | WSCT | WS CT | |
| 7 | | 58 and 60, Tangtou Avenue, Shiyan Street, Ba | o'an District, Shenzhen City, Guangdong Prov | | resting Group(Shenzhen) Co.,Ltd |



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DESCRIPTION OF SUPPORT UNITS (CONDUCTED MODE)

The EUT has been tested as an independent unit together with other necessary W5. accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| L'I | Item | Equipment | Mfr/Brand | Model/Type No. | Series No. | Note | |
|-----|------|------------|-----------|----------------|------------|------|----|
| | 1 | Adapter | // | 1 | V | / | |
| | 2 | Keyboard | | | | / | |
| | 3 | V5 C Mouse | W5 CT | W5CT) | W5 CT | 1/ | W5 |
| | | | | | | | |

Note:

ADD: Building A-B,Baoli'an Industrial Park,No.58 and

- The support equipment was authorized by Declaration of Confirmation. (1)
- (2) For detachable type I/O cable should be specified the length in cm in "Length." column.

| WS | CT WS | ET WS | CT W | SET W | VSET" |
|------|----------------------------------|----------------------------------|------|---------------------------|-----------------|
| WSET | W5 ET | WSET | WSET | W5 ET | / |
| WS | $\langle \hspace{0.1cm} \rangle$ | $\langle \hspace{0.1cm} \rangle$ | | \times | VS CT |
| WSET | WSET | WSET | WSET | W5ET° | |
| WS | $\langle \hspace{0.1cm} \rangle$ | $\langle \hspace{0.1cm} \rangle$ | | SET N | VS CT° |
| WSCT | W5 ET | WSET | WSET | W5ET* | |
| WS | $\langle \hspace{0.1cm} \rangle$ | $\langle \hspace{0.1cm} \rangle$ | | | |
| WSET | WSET | WSET | WSCT | SET Countries on The WSET | Group (Shenzhen |

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W5CT°

Report No.: WSCT-ANAB-R&E250300014A-15B

5. MEASUREMENT INSTRUMENTS

| | Kind of Equipment | Manufacturer | Type No. | Serial No. | Last Calibrated | Calibrated until | ET |
|------|--------------------|--------------|-------------|-------------|--------------------|------------------|-------|
| | Test software | <u>-</u> | EZ-EMC | CON-03A | - | \ <u>-</u> | |
| | ESCI Test Receiver | R&S | ESCI | 100005 | 11/05/2024 | 11/04/2025 | |
| W5 L | T LISN W50 | 7 AFJ W | 5 _ T LS16 | 16010222119 | 11/05/2024 | 11/04/2025 | |
| | LISN(EUT) | Mestec | AN3016 | 04/10040 | 11/05/2024 | 11/04/2025 | |
| | pre-amplifier | CDSI | PAP-1G18-38 | - | 11/05/2024 | 11/04/2025 | |
| | System Controller | WCT7° | SC1005_7 | - | 11/05/2024 | 11/04/2025 | ET |
| | Bi-log Antenna | Chase | CBL6111C | 2576 | 11/05/2024 | 11/04/2025 | |
| | Spectrum analyzer | R&S | FSU26 | 200409 | 11/05/2024 | 11/04/2025 | |
| W51 | Horn Antenna | SCHWARZBECK | 5 _ 7 9120D | 1141 | 11/05/2024 | 11/04/2025 | |
| | Bi-log Antenna | SCHWARZBECK | VULB9168 | 01488 | 07/29/2024 | 07/28/2025 | |
| | Pre Amplifier | н .р. | HP8447E | 2945A02715 | 11/05/2024 | 11/04/2025 | X |
| | 9*6*6 Anechoic | WSCT | WSCT | - / | 11/05/2024 | 11/04/2025 | 5 E T |

| W5 CT° | WSET | WSET | W5ET* | WSCT | / |
|--------|------|----------------------------------|-------|------|---------------|
| W.5 | | $\langle \hspace{0.1cm} \rangle$ | | ET W | SET* |
| W5 CT° | WSET | WSET | WSET | WSET | , |
| W.5 | | | | | 5 <i>ET</i> ° |
| WSET | WSET | WSET | WSET | WSCT | / |
| | | | | | |

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W5CT°





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Facilities and Accreditations 6.

6.1. Facilities

All measurement facilities used to collect the measurement data are located at

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District, Shenzhen City, Guangdong Province, China.

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

6.2. ACCREDITATIONS

CNAS - Registration Number: L3732

China National Accreditation Service for Conformity Assessment, The test firm Registration Number: L3732

FCC - Designation Number: CN1303

World Standardization Certification & Testing Group(Shenzhen) CO., LTD. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Designation Number: CN1303.

ANAB - Certificate Number: AT-3951

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (ANAB). Certification Number: AT-3951



Report No.: WSCT-ANAB-R&E250300014A-15B

W5CT°

6.3. Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

| X | No. | Item | MU |
|-------|-----|---|--------------|
| W5 CT | 1 | Conducted Emission Test W 5 [7] W 5 [7] | ±3.2dB/5 [7] |
| | 2 | RF power, conducted | ±0.16dB |
| | 3 | Spurious emissions, conducted | ±0.21dB |
| | 4 | All emissions, radiated(<1GHz) | ±4.7dB |
| | 5 | All emissions, radiated(>1GHz) | ±4.7dB |
| W5CT° | 6 | Temperature W5CT W5CT | ±0.5°CV5[] |
| | 7 | Humidity | ±2.0% |

| | 7 | Humidity | \times | X | ±2.0% | \times |
|--------|---------------|----------|----------|----------|-----------|-------------|
| | W5E | 7 | WSCT | WSET | WSET | WSET |
| | | | \times | | \times | \times |
| WSET | | WSET | WSE | 7° W | SET° W | SET |
| | $\overline{}$ | | | | | |
| | W5E | 7 | WSET | WSET | WSET | WSET |
| | | | | | | |
| WSET | | WSET | WSG | | SET W | SET |
| 711713 | | / 1714 | | | | |
| | | | W. C. T. | 7777 | | Wee Care |
| | W5E | | WSET | WSET | WSCT | W5 CT* |
| | | | X | | \succeq | |
| W5 CT | _ | W5 ET | WSE | 7° W | SET W | SET |
| | X | | \times | \times | \times | \times |
| | W5C | 7° | WSET | WSCT | WSET | ation& Tesa |

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Report No.: WSCT-ANAB-R&E250300014A-15B

W5 [T]

ANSI National Accreditation Board A C C R E D I T E D SORICE 17029 TESTING LABORATORY Certificate Number: AT-3951

7. EMC EMISSION TEST

7.1. CONDUCTED EMISSION MEASUREMENT

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ac-MRA

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7.1.1. POWER LINE CONDUCTED EMISSION LIMITS

| _ | 7 | - | _ | |
|-----|---|----|-----|-----|
| | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | -0 | 7 | år. |
| | /ANA | | / / | - |
| I A | _ | • | - | , , |

W5 E

| _ | | AP-0 | | | | (1) | |
|---|------------------|------------|---------|--------------|-----------|-----------|---------------|
| 7 | FREQUENCY (MHz) | Class A | (dBuV) | Class B | (dBuV) | Standard | $\overline{}$ |
| | FREQUENCT (MITZ) | Quasi-peak | Average | Quasi-peak | Average | Stariuaru | |
| | 0.15 -0.5 | 79.00 | 66.00 | 66 - 56 * | 56 - 46 * | FCC | |
| | W 5 0.50 -5.0 | 73.00 | 60.00 | 56.00 | 46.00 | FCC | W5 |
| | 5.0 -30.0 | 73.00 | 60.00 | 60.00 | 50.00 | FCC | |

Note:

(1) The tighter limit applies at the band edges.

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(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

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The following table is the setting of the receiver

| Receiver Parameters | Setting |
|---------------------|----------|
| Attenuation | 10 dB |
| Start Frequency | 0.15 MHz |
| Stop Frequency | 30 MHz |
| IF Bandwidth | 9 kHz |

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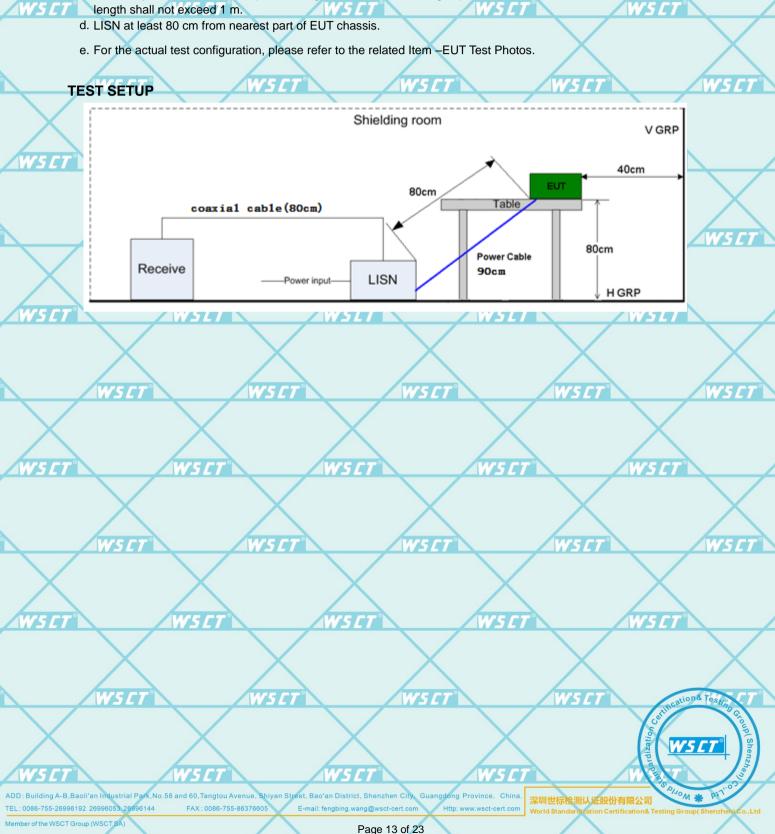


Report No.: WSCT-ANAB-R&E250300014A-15B

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TEST PROCEDURE

- a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m. /W5E





W5 ET

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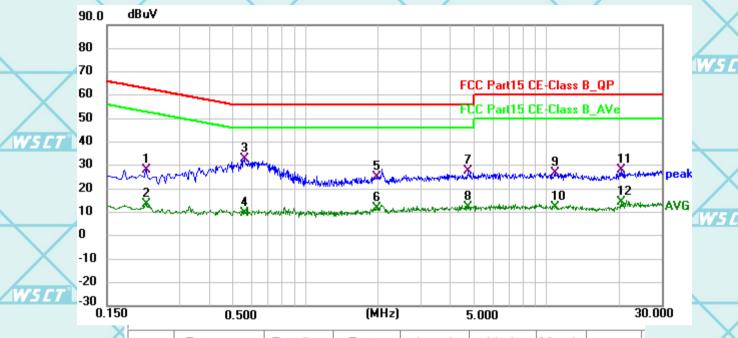


Report No.: WSCT-ANAB-R&E250300014A-15B

7.2. Test Results

| _ | Temperature | 20 ℃ | WSET | Relative Humidity | 48% W5LT | / | W5CT [®] |
|---|-------------|--------|------|-------------------|----------|---|-------------------|
| | Pressure | 1010 l | nPa | Test Mode | Mode 3 | | |

Conducted Emission on Line Terminal of the power line (150 kHz to 30MHz)



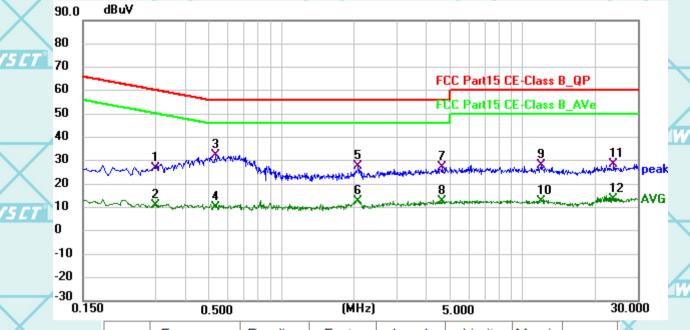
| | I | | | | | | | | |
|------|-----|--------------------|----------------|----------------|-----------------|-----------------|----------------|----------|-------|
| /5 A | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | WSET |
| | 1 | 0.2175 | 7.55 | 20.68 | 28.23 | 62.91 | -34.68 | QP | |
| | 2 | 0.2175 | -7.15 | 20.68 | 13.53 | 52.91 | -39.38 | AVG | X |
| | 3 * | 0.5595 | 12.35 | 20.52 | 32.87 | 56.00 | -23.13 | QP | |
| | 4 | 0.5595 | -11.00 | 20.52 | 9.52 | 46.00 | -36.48 | AVG | 5 C T |
| | 5 | 1.9770 | 4.44 | 20.61 | 25.05 | 56.00 | -30.95 | QP | |
| | 6 | 1.9770 | -8.97 | 20.61 | 11.64 | 46.00 | -34.36 | AVG | |
| 15 L | 7 | 4.6994 | 6.92 | 20.57 | 27.49 | 56.00 | -28.51 | QP | WSET |
| | 8 | 4.6994 | -8.48 | 20.57 | 12.09 | 46.00 | -33.91 | AVG | |
| | 9 | 10.8015 | 6.48 | 20.41 | 26.89 | 60.00 | -33.11 | QP | X |
| | 10 | 10.8015 | -8.40 | 20.41 | 12.01 | 50.00 | -37.99 | AVG | 367 |
| | 11 | 20.3145 | 7.81 | 20.28 | 28.09 | 60.00 | -31.91 | QP | |
| X | 12 | 20.3145 | -5.75 | 20.28 | 14.53 | 50.00 | -35.47 | AVG | X |
| | | | | | | | | | |

W5CT

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Report No.: WSCT-ANAB-R&E250300014A-15B

Conducted Emission on Neutral Terminal of the power line (150 kHz to 30MHz)



| | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | |
|---------------|-----|--------------------|-------------------|----------------|-----------------|-----------------|----------------|----------|-----|
| | 1 | 0.2985 | 6.15 | 20.63 | 26.78 | 60.28 | -33.50 | QP | 5 E |
| \rightarrow | 2 | 0.2985 | -9.85 | 20.63 | 10.78 | 50.28 | -39.50 | AVG | |
| | 3 * | 0.5325 | 11.69 | 20.51 | 32.20 | 56.00 | -23.80 | QP | |
| W51 | 4 | 0.5325 | -10.41 | 20.51 | 10.10 | 46.00 | -35.90 | AVG | |
| | 5 | 2.0805 | 7.02 | 20.61 | 27.63 | 56.00 | -28.37 | QP | |
| | 6 | 2.0805 | -8.06 | 20.61 | 12.55 | 46.00 | -33.45 | AVG | |
| | 7 | 4.6590 | 6.77 | 20.57 | 27.34 | 56.00 | -28.66 | QP | 5 C |
| | 8 | 4.6590 | -8.10 | 20.57 | 12.47 | 46.00 | -33.53 | AVG | |
| \sim | 9 | 11.9940 | 7.57 | 20.34 | 27.91 | 60.00 | -32.09 | QP | |
| house | 10 | 11.9940 | -7.78 | 20.34 | 12.56 | 50.00 | -37.44 | AVG | |
| W51 | 11 | 23.8560 | 7.77 | 20.52 | 28.29 | 60.00 | -31.71 | QP | |
| | 12 | 23.8560 | -6.97 | 20.52 | 13.55 | 50.00 | -36.45 | AVG | |

Note1:

Freq. = Emission frequency in MHz

Reading level $(dB\mu V)$ = Receiver reading

Corr. Factor (dB) = LISN Factor + Cable loss

Measurement $(dB\mu V) = Reading level (dB\mu V) + Corr. Factor (dB)$

Limit (dBµV) = Limit stated in standard

Margin (dB) = Measurement (dB μ V) – Limits (dB μ V)

Q.P. =Quasi-Peak AVG =average

* is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz.

W5E1

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7.3. RADIATED EMISSION MEASUREMENT

7.3.1. Radiated Emission Limits

The field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

| | Frequencies | Field Strength | Measurement Distance | | |
|---|------------------------|--------------------|----------------------|--|--|
| | (MHz) | (micorvolts/meter) | (meters) | | |
| 1 | 0.009~0.490 | 2400/F(KHz) | 300 | | |
| Z | 75 CT 0.490~1.705 W5 C | 24000/F(KHz) | 30 | | |
| | 1.705~30.0 | 30 | 30 | | |
| | 30~88 | 100 | X 3 X | | |
| | 88~216 | 150 | 3 | | |
| | 216~960 | W5 77200 | NSCT 3 W5/ | | |
| 1 | Above 960 | 500 | 3 | | |
| | | | | | |

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

| ľ | VSCT WS | 7 W5/7 | WSCT |
|---|-----------------|-------------|--------------|
| | | Limit (dBu\ | //m) (at 3M) |
| | FREQUENCY (MHz) | PEAK | AVERAGE |
| | Above 1000 | 74 | 54 |

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15B.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

| | Spectrum Parameter | Setting | | | |
|---|---------------------------------------|---|--|--|--|
| | Attenuation | Auto | | | |
| | Start Frequency | 1000 MHz | | | |
| - | Stop Frequency | 10th carrier harmonic | | | |
| | RB / VB (emission in restricted band) | 1 MHz / 1 MHz for Peak, 1 MHz / 1Hz for Average | | | |

| _ | Receiver Parameter | Setting | 15 ET |
|---|------------------------|----------------------------------|-------|
| | Attenuation | Auto | |
| | Start ~ Stop Frequency | 9kHz~150kHz / RB 200Hz for QP | |
| | Start ~ Stop Frequency | 150kHz~30MHz / RB 9kHz for QP | |
| | Start ~ Stop Frequency | 30MHz~1000MHz / RB 120kHz for QP | Ī |

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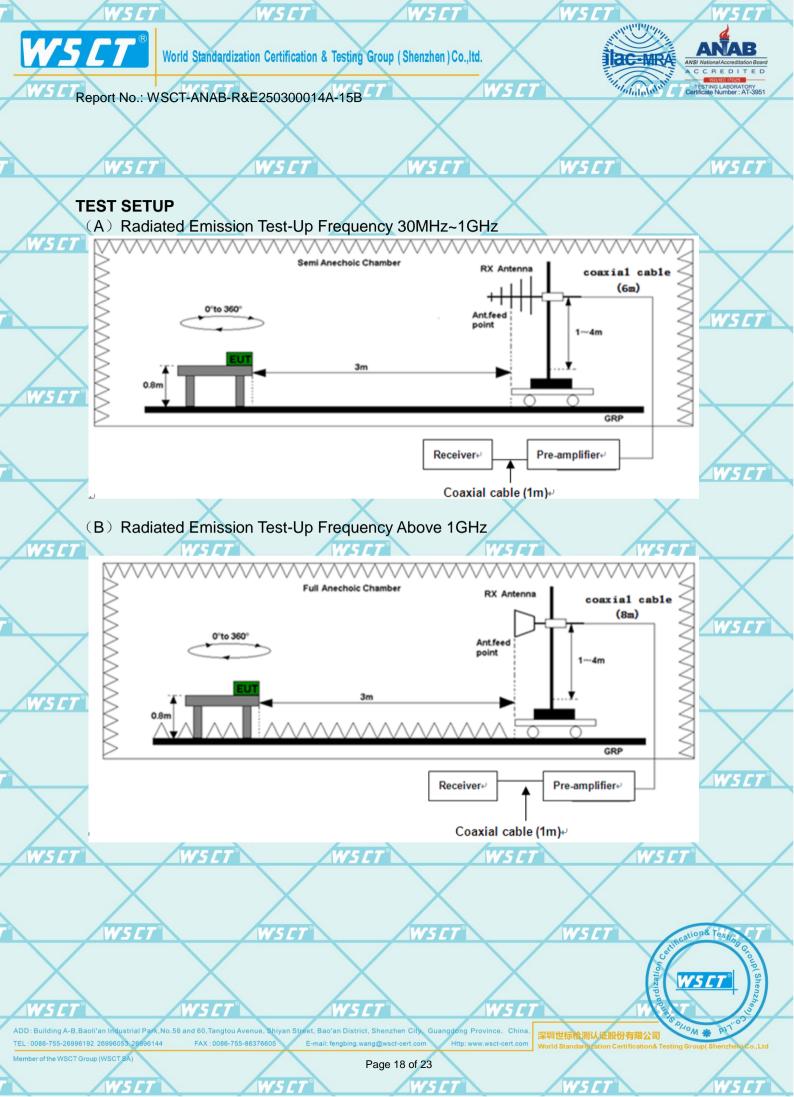


WS CT WSE W5C

TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
 - c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
 - d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
 - e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement
 - f. For the actual test configuration, please refer to the related Item -EUT Test Photos.

| | WSET | WSET | W5 CT° | WSET | W5 CT |
|---------------|----------------------------------|--|----------------------------------|-----------|----------------------------|
| | $\langle \hspace{0.1cm} \rangle$ | $\langle \hspace{0.2cm} \hspace{0.2cm}$ | $\langle \hspace{0.1cm} \rangle$ | | |
| W5 L | WSET | W5 ET | WS ET | W5ET | WSET |
| WSI | $\langle \hspace{0.2cm} \rangle$ | $\langle \times$ | | | ET . |
| | W5 ET | W5 ET | WSCT | WSET | WSCT |
| WSI | $\langle \hspace{0.1cm} \rangle$ | $\langle \hspace{0.2cm} \hspace{0.2cm}$ | $\langle \ \ \rangle$ | | ET / |
| | WSET | WSET | WSCT | \times | \times |
| \rightarrow | | $\langle \rangle$ | | rdization | WSET Sealing Could She No. |









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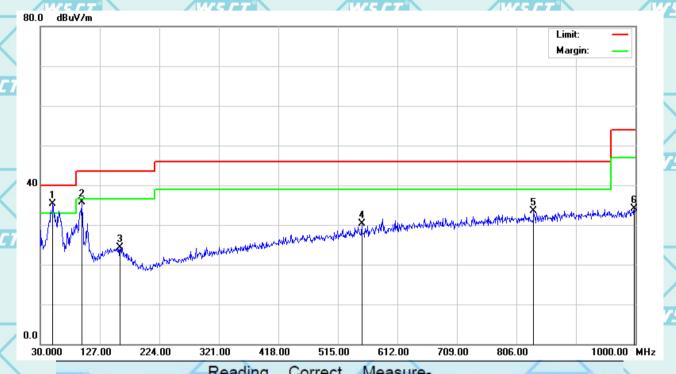


7.3.2. Test Results

| Temperature | 20 ℃ | Relative Humidity | 48% | X |
|-------------|-------------|-------------------|--------|---|
| Pressure | 1010 hPa | Test Mode | Mode 2 | |

Please refer to following diagram for individual **Below 1GHz**

Horizontal:



| _ | No. | Mk. | Freq. | Level | Factor | ment | Limit | Over | CT \ | 0 |
|---|-----|-----|----------|-------|--------|--------|--------|--------|----------|---|
| | | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | |
| | 1 | * | 50.3700 | 37.49 | -2.14 | 35.35 | 40.00 | -4.65 | QP | |
| 1 | 2 | 4 | 97.9000 | 41.46 | -5.68 | 35.78 | 43.50 | -7.72 | QP | 7 |
| | 3 | | 159.9800 | 25.96 | -1.63 | 24.33 | 43.50 | -19.17 | QP | |
| | 4 | . 1 | 553.8000 | 27.68 | 2.70 | 30.38 | 46.00 | -15.62 | QP | 6 |
| _ | 5 | 7 | 834.1300 | 26.86 | 6.55 | 33.41 | 46.00 | -12.59 | QP | |
| | 6 | | 998.0600 | 25.54 | 8.48 | 34.02 | 54.00 | -19.98 | QP | |

W5 CT



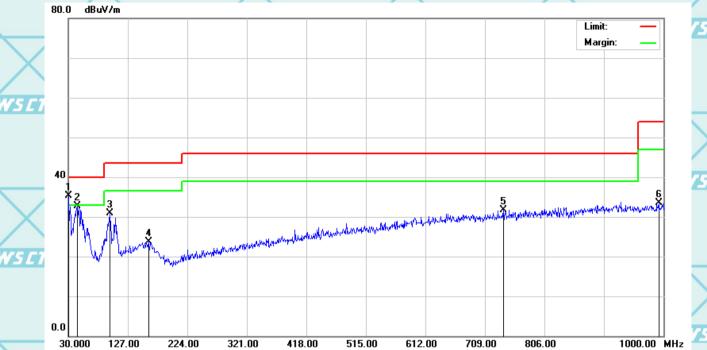




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W5C1





| W5 ET | No. | Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Over | T | 0 |
|--------|-----|-----|----------|------------------|-------------------|------------------|--------|--------|----------|---|
| 207267 | | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | |
| | 1 | * | 30.0000 | 37.90 | -2.60 | 35.30 | 40.00 | -4.70 | QP | |
| V. | 2 | 1 | 44.5500 | 34.70 | -1.94 | 32.76 | 40.00 | -7.24 | QP | |
| | 3 | | 97.9000 | 36.63 | -5.68 | 30.95 | 43.50 | -12.55 | QP | 7 |
| | 4 | | 160.9500 | 25.45 | -1.72 | 23.73 | 43.50 | -19.77 | QP | |
| WSET | 745 | 1 | 739.0700 | 26.18 | 5.48 | 31.66 | 46.00 | -14.34 | QP | 0 |
| | 6 | | 992.2400 | 24.97 | 8.52 | 33.49 | 54.00 | -20.51 | QP | |
| | | | | | | A 3 | | | | |

Note1:

Freq. = Emission frequency in MHz

Reading level $(dB\mu V)$ = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor.

Measurement ($dB\mu V$) = Reading level ($dB\mu V$) + Corr. Factor (dB)

Limit (dBµV) = Limit stated in standard 5 /

Margin (dB) = Measurement (dB μ V) – Limits (dB μ V)

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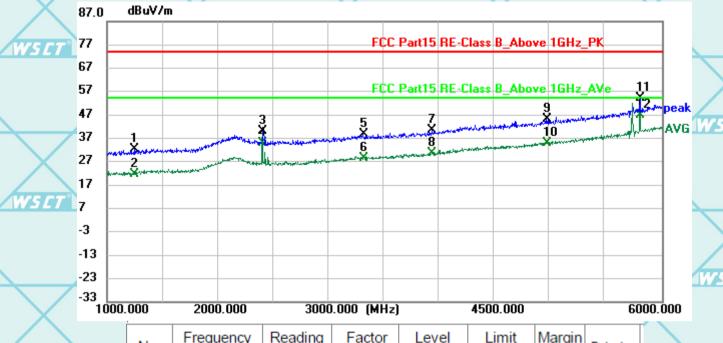
W5CT^{*}

TEST RESULTS

Above 1GHz(1~26GHz) :(Mode 2—worst case) / 5 5 7 Horizontal:

W5CT°

W5CT



| W5 CT | No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | 5 E 1 |
|------------|------|--------------------|-------------------|------------------|-------------------|-------------------|----------------|----------|--------------|
| | 1 | 1248.125 | 40.53 | -8.13 | 32.40 | 74.00 | -41.60 | peak | |
| | 2 | 1248.125 | 29.89 | -8.13 | 21.76 | 54.00 | -32.24 | AVG | |
| W51 | 3 | 2402.500 | 43.96 | -4.04 | 39.92 | 74.00 | -34.08 | peak | |
| | 4 | 2402.500 | 38.94 | -4.04 | 34.90 | 54.00 | -19.10 | AVG | |
| X | 5 | 3311.875 | 40.28 | -1.57 | 38.71 | 74.00 | -35.29 | peak | X |
| August 1 | 6 | 3311.875 | 30.13 | -1.57 | 28.56 | 54.00 | -25.44 | AVG | |
| WSET | 7 | 3928.750 | 39.86 | 0.68 | 40.54 | 74.00 | -33.46 | peak | 5 <i>L 1</i> |
| \searrow | 8 | 3928.750 | 29.87 | 0.68 | 30.55 | 54.00 | -23.45 | AVG | |
| | 9 | 4961.250 | 40.11 | 5.06 | 45.17 | 74.00 | -28.83 | peak | |
| W51 | 10 | 4961.250 | 30.08 | 5.06 | 35.14 | 54.00 | -18.86 | AVG | |
| | 11 | 5808.125 | 45.55 | 8.52 | 54.07 | 74.00 | -19.93 | peak | |
| | 12 * | 5808.125 | 38.53 | 8.52 | 47.05 | 54.00 | -6.95 | AVG | |
| | | | | | | | | | |

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World Standard Standard

D: Building A-B,Baoli'an Industrial Park,No.58 and 60,Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China .: 0086-755-26996192 26998053 26996144 FAX: 0086-755-86376605 E-mail: fengbing.wang@wsct-cert.com Http: www.wsct-cert.com

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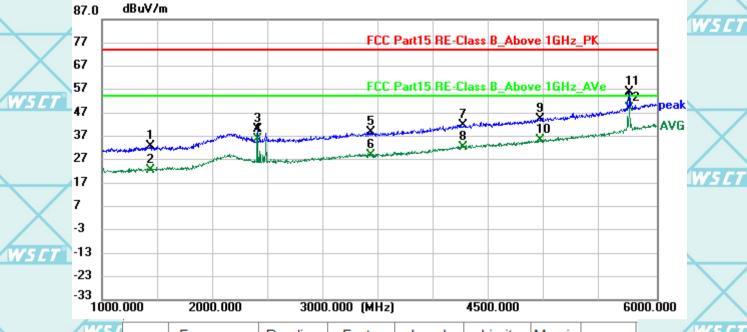




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W5 [T]





| W5L | | Eroguenav | Dooding | Factor | Level | Limit | Morgin | | Ī |
|-------|------|--------------------|-------------------|--------|-------|-------|----------------|----------|--------------|
| | No. | Frequency (MHz) | Reading (dBuV) | (dB/m) | | | Margin (dB) | Detector | |
| | 1 | 1439.375 | 40.05 | -7.42 | 32.63 | 74.00 | -41.37 | peak | |
| WSCT | 2 | 1439.375 | 30.09 | -7.42 | 22.67 | 54.00 | -31.33 | AVG | 5 <i>E T</i> |
| | 3 | 2402.500 | 44.09 | -4.04 | 40.05 | 74.00 | -33.95 | peak | |
| X | 4 | 2402.500 | 39.87 | -4.04 | 35.83 | 54.00 | -18.17 | AVG | |
| | 5 | 3421.250 | 40.13 | -1.31 | 38.82 | 74.00 | -35.18 | peak | |
| W5L | 6 | 3421.250 | 30.18 | -1.31 | 28.87 | 54.00 | -25.13 | AVG | |
| | 7 | 4246.875 | 39.93 | 1.96 | 41.89 | 74.00 | -32.11 | peak | \checkmark |
| | 8 | 4246.875 | 30.38 | 1.96 | 32.34 | 54.00 | -21.66 | AVG | |
| W5 ET | 9 | 4949.375 | 39.36 | 5.01 | 44.37 | 74.00 | -29.63 | peak | 5 <i>CT</i> |
| | 10 | 4949.375 | 30.33 | 5.01 | 35.34 | 54.00 | -18.66 | AVG | |
| X | 11 | 5758.125 | 47.83 | 8.18 | 56.01 | 74.00 | -17.99 | peak | |
| W5 | 12 * | 5758.125 | 40.74 | 8.18 | 48.92 | 54.00 | -5.08 | AVG | |
| | | - | | | | | | | |

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor.

Freq. = Emission frequency in MHz

Factor = Antenna Factor + Cable Loss - Pre-amplifier.

Over= Emission Level - Limit.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

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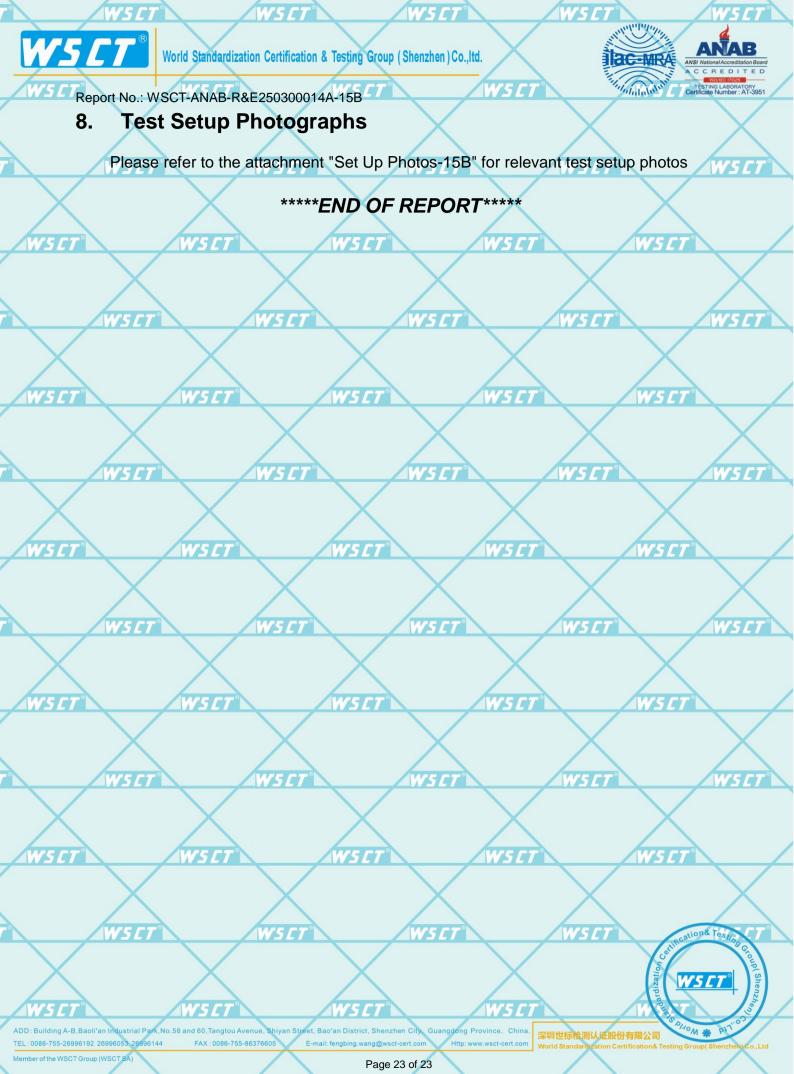
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