

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                             |                                                 |                                                                                    |                                                                                       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| <b>Prüfbericht-Nr.:</b><br><i>Test report no.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>CN2580C3 002</b>                                                                         | <b>Auftrags-Nr.:</b><br><i>Order no.:</i>       | 170419036                                                                          | Seite 1 von 23<br>Page 1 of 23                                                        |  |
| <b>Kunden-Referenz-Nr.:</b><br><i>Client reference no.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                     | --                                                                                          | <b>Auftragsdatum:</b><br><i>Order date:</i>     | 2025-05-12                                                                         |                                                                                       |  |
| <b>Auftraggeber:</b><br><i>Client:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                          | Infinite Machine Technologies, Inc.<br>5-37 46th Ave Long Island City, NY 11101<br>USA      |                                                 |                                                                                    |                                                                                       |  |
| <b>Prüfgegenstand:</b><br><i>Test item:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                     | Electric Bike                                                                               |                                                 |                                                                                    |                                                                                       |  |
| <b>Bezeichnung / Typ-Nr.:</b><br><i>Identification / Type no.:</i>                                                                                                                                                                                                                                                                                                                                                                                                              | Olto                                                                                        |                                                 |                                                                                    |                                                                                       |  |
| <b>Auftrags-Inhalt:</b><br><i>Order content:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                | TÜV Rheinland RF test report                                                                |                                                 |                                                                                    |                                                                                       |  |
| <b>Prüfgrundlage:</b><br><i>Test specification:</i>                                                                                                                                                                                                                                                                                                                                                                                                                             | CFR47 FCC Part 15: Subpart C Section 15.247                                                 |                                                 |                                                                                    |                                                                                       |  |
| <b>Wareneingangsdatum:</b><br><i>Date of sample receipt:</i>                                                                                                                                                                                                                                                                                                                                                                                                                    | 2025-10-21                                                                                  | Please refer to photo documents                 |                                                                                    |                                                                                       |  |
| <b>Prüfmuster-Nr.:</b><br><i>Test sample no.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                               | A004118798-001                                                                              |                                                 |                                                                                    |                                                                                       |  |
| <b>Prüfzeitraum:</b><br><i>Testing period:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2025-10-25 to 2025-11-15                                                                    |                                                 |                                                                                    |                                                                                       |  |
| <b>Ort der Prüfung:</b><br><i>Place of testing:</i>                                                                                                                                                                                                                                                                                                                                                                                                                             | Refer to section 2.1                                                                        |                                                 |                                                                                    |                                                                                       |  |
| <b>Prüflaboratorium:</b><br><i>Testing laboratory:</i>                                                                                                                                                                                                                                                                                                                                                                                                                          | TÜV Rheinland<br>(Guangdong) Ltd.                                                           |                                                 |                                                                                    |                                                                                       |  |
| <b>Prüfergebnis*:</b><br><i>Test result*:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                   | Pass                                                                                        |                                                 |                                                                                    |                                                                                       |  |
| <b>geprüft von:</b><br><i>tested by:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                 | <b>genehmigt von:</b><br><i>authorized by:</i>                                     |  |  |
| <b>Datum:</b><br><i>Date:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2026-03-28                                                                                  | <b>Ausstellungsdatum:</b><br><i>Issue date:</i> |                                                                                    | 2026-04-02                                                                            |  |
| <b>Stellung / Position:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                             | Project Engineer                                |                                                                                    | <b>Stellung / Position:</b><br>Authorizer                                             |  |
| <b>Sonstiges /</b><br><i>Other:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                             | This report was only evaluated BLE RF characteristics of the product.<br>FCC ID: 2BU45OLTO1 |                                                 |                                                                                    |                                                                                       |  |
| <b>Zustand des Prüfgegenstandes bei Anlieferung:</b><br><i>Condition of the test item at delivery:</i>                                                                                                                                                                                                                                                                                                                                                                          |                                                                                             |                                                 | Prüfmuster vollständig und unbeschädigt<br><i>Test item complete and undamaged</i> |                                                                                       |  |
| <p>* Legende: P(ass) = entspricht o.g. Prüfgrundlage(n)    F(ail) = entspricht nicht o.g. Prüfgrundlage(n)    N/A = nicht anwendbar    N/T = nicht getestet</p> <p>* Legend: P(ass) = passed a.m. test specification(s)    F(ail) = failed a.m. test specification(s)    N/A = not applicable    N/T = not tested</p>                                                                                                                                                           |                                                                                             |                                                 |                                                                                    |                                                                                       |  |
| <p><b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b></p> <p><i>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i></p> |                                                                                             |                                                 |                                                                                    |                                                                                       |  |

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**Anmerkungen**  
*Remarks*

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | <p>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben.</p> <p>Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</p> <p><i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 2 | <p>Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben. Informationen zur Verifizierung der Authentizität unserer Dokumente erhalten Sie auf folgender Webseite: <a href="http://go.tuv.com/digital-signature">go.tuv.com/digital-signature</a></p> <p><i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. For information on verifying the authenticity of our documents, please visit the following website: <a href="http://go.tuv.com/digital-signature">go.tuv.com/digital-signature</a></i></p> |
| 3 | <p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben.</p> <p>Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</p> <p><i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i></p> <p><i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 4 | <p>Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.</p> <p><i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i></p>                                                                                                                                                                                                                                                                                       |

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## ***Test Summary***

**5.1.1 ANTENNA REQUIREMENT**

*RESULT: Pass*

**5.1.2 MAXIMUM PEAK CONDUCTED OUTPUT POWER**

*RESULT: Pass*

**5.1.3 CONDUCTED POWER SPECTRAL DENSITY**

*RESULT: Pass*

**5.1.4 6dB BANDWIDTH**

*RESULT: Pass*

**5.1.5 99% BANDWIDTH**

*RESULT: Pass*

**5.1.6 20dB BANDWIDTH**

*RESULT: Pass*

**5.1.7 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 KHz BANDWIDTH**

*RESULT: Pass*

**5.1.8 RADIATED SPURIOUS EMISSION**

*RESULT: Pass*

**5.1.9 CONDUCTED EMISSION ON AC MAINS**

*RESULT: Pass*

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# 1 General Remarks

## 1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of BLE

Appendix B: Photographs of the Test Set-up

## 2 Test Sites

### 2.1 Test Facilities

**TUV RHEINLAND (GUANGDONG) LTD.**

1/F. &2/F., Building B, No.767 Tianyuan Road, Tianhe District, Guangzhou 510650, Guangdong, People's Republic of China

FCC Registration No.: CN1207  
IC Registration No.: 2932C

### 2.2 List of Test and Measurement Instruments

**Table 1: List of Test and Measurement Equipment**

| Equipment                                | Model                   | Manufacturer               | Serial No.   | Cal Until  | Calibration Interval |
|------------------------------------------|-------------------------|----------------------------|--------------|------------|----------------------|
| <b>Radio Spectrum Test</b>               |                         |                            |              |            |                      |
| Spectrum Analyzer                        | FSP30                   | Rohde & Schwarz            | 100286       | 2025-12-03 | 1 year               |
| Signal Generator                         | SMB100A                 | Rohde & Schwarz            | 115613       | 2026-03-04 | 1 year               |
| Climatic Chamber                         | EL-04KA                 | GZ-ESPEC                   | 6107116      | 2026-03-04 | 1 year               |
| Attenuator                               | 3.5TS2-6dB-26.5G        | SHX                        | 12042001     | 2025-02-28 | 2 years              |
| Combiner/Divider                         | 1515                    | Weinschel                  | PG325        | 2025-02-28 | 2 years              |
| RF Control Unit                          | JS0806-2                | Tonscend Technology        | N/A          | 2025-03-22 | 1 year               |
| <b>Spurious Emission (25MHz~26.5GHz)</b> |                         |                            |              |            |                      |
| EMI Test Receiver                        | ESW 8                   | Rohde & Schwarz            | 101312       | 2025-11-16 | 1 year               |
| Trilog-Broadband Antenna                 | VULB9168 (30MHz-1GHz)   | SCHWARZBECK MESSELEKTRONIK | 684          | 2025-08-28 | 2 years              |
| Double-Ridged Waveguide Horn Antenna     | HF907 (1-18GHz)         | Rohde & Schwarz            | 100377       | 2025-08-28 | 2 years              |
| Pre-amplifier                            | TAP01018050             | Tonscend Technology        | AP23L8060327 | 2026-01-02 | 1 year               |
| Band Reject Filter                       | BRM50702                | Micro-Tronics              | 023          | 2024-07-14 | 2 years              |
| Standard Gain Horn Antenna               | 3160-09 (18-26.5GHz)    | EMCO                       | 21642        | 2025-01-16 | 3 years              |
| Pre-amplifier                            | AFS33-18002650-30-8P-44 | MITEQ                      | 1108282      | 2025-08-01 | 1 year               |
| 3m Anechoic Chamber                      | N/A                     | Albatross Project GmbH     | N/A          | 2024-06-29 | 3 years              |
| Test software                            | EMC32-Version 10.50.00  | Rohde & Schwarz            | /            | /          | /                    |
| <b>Spurious Emission (below 30MHz)</b>   |                         |                            |              |            |                      |
| Loop Antenna                             | HFH2-Z2 (<30MHz)        | Rohde & Schwarz            | 100111       | 2025-06-12 | 2 years              |
| EMI Test Receiver                        | ESW 8                   | Rohde & Schwarz            | 101312       | 2025-11-16 | 1 year               |

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| Equipment                             | Model                  | Manufacturer           | Serial No. | Cal Until  | Calibration Interval |
|---------------------------------------|------------------------|------------------------|------------|------------|----------------------|
| 3m Anechoic Chamber                   | N/A                    | Albatross Project GmbH | N/A        | 2024-06-29 | 3 years              |
| Test software                         | EMC32-Version 10.50.00 | Rohde & Schwarz        | 1813819    | /          | /                    |
| <b>Conducted Emission on AC Mains</b> |                        |                        |            |            |                      |
| EMI Test Receiver                     | ESCI 3                 | Rohde & Schwarz        | 100314     | 2026-03-01 | 1 Year               |
| Two-Line V-Network                    | ENV216                 | Rohde & Schwarz        | 100195     | 2025-08-07 | 1 Year               |
| Test software                         | EMC32-Version 10.50.00 | Rohde & Schwarz        | /          | /          | /                    |

## 2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

## 2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

## 2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table.

Table 2: Measurement Uncertainty

| Parameter                                              | Uncertainty (k=2)             |
|--------------------------------------------------------|-------------------------------|
| RF output power, conducted                             | $\pm 0.99$ dB                 |
| Occupied Channel Bandwidth                             | $\pm 2.08$ %                  |
| RF power density, conducted                            | $\pm 0.99$ dB                 |
| Unwanted Emissions, conducted                          | $\pm 0.89$ dB                 |
| All emissions, radiated                                | $\pm 4.17$ dB                 |
| Conducted Emission, (9kHz to 150kHz)/(150kHz to 30MHz) | $\pm 3.70$ dB / $\pm 3.30$ dB |

## 2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B & C of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) Co., Ltd. file for certification follow-up purposes.

## 2.7 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at No. 362 Huanguan Road Middle, Longhua District, 518110, Shenzhen, P. R. China. is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

## 3 General Product Information

### 3.1 Product Function and Intended Use

The EUT (Equipment Under Test) Olto is an Electric Bicycle for riding and similar use which support Bluetooth and NFC wireless function.

Therefore, all tests were performed on one representative model Olto.

(The model OT01 in appendix 1 and the certified product Olto are the same product. The customer modified the model after the test was completed.)

For details refer to the User Manual, Technical Description and Circuit Diagram.

### 3.2 Ratings and System Details

**Table 3: Technical Specification of EUT**

| General Information of EUT                                                               | Value                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Kind of Equipment:                                                                       | Electric Bicycle                                                                                                                                                                                                                                                                                                                          |
| Type Designation:                                                                        | Olto                                                                                                                                                                                                                                                                                                                                      |
| Trademark:                                                                               | INFINITE MACHINE                                                                                                                                                                                                                                                                                                                          |
| FCC ID:                                                                                  | 2BU45OLTO1                                                                                                                                                                                                                                                                                                                                |
| Operating Voltage:                                                                       | Power Battery (OT01): DC 50.4V, 25.0AH, 1.2kWh Li-ion;<br>Power Battery (M001-3S1P): DC 10.8V, 4.1AH, 43.2Wh Li-ion;<br>Charger for power battery (LBC055581060): Input: 100-240Vac, 50-60Hz, 4.2A (Max.), Output: 58.1Vdc, 6.0A;<br>Charger for front battery (SAW24A-150-2000U): Input: 100-240Vac, 50/60Hz, 0.8A, Output: 15Vdc, 2.0A. |
| Testing Voltage:                                                                         | Fully charged battery                                                                                                                                                                                                                                                                                                                     |
| Operating Temperature Range:                                                             | 0°C ~ +50 °C                                                                                                                                                                                                                                                                                                                              |
| Radiofrequency operating mode:                                                           | 1) 13.56MHz SDR: operating within 13.56MHz, FSK<br>2) Bluetooth: operating within 2400-2483.5MHz, Bluetooth BLE (1Mbps&2Mbps)                                                                                                                                                                                                             |
| Technical Specification of SDR                                                           |                                                                                                                                                                                                                                                                                                                                           |
| Operating Frequency:                                                                     | 13.56MHz                                                                                                                                                                                                                                                                                                                                  |
| Type of Modulation:                                                                      | FSK                                                                                                                                                                                                                                                                                                                                       |
| Channel Number:                                                                          | 1 channel                                                                                                                                                                                                                                                                                                                                 |
| Antenna Type:                                                                            | inductance coil Antenna                                                                                                                                                                                                                                                                                                                   |
| Technical Specification of 2.4GHz Bluetooth (refer to model HLK-B40, FCC ID 2AD56HK-B40) |                                                                                                                                                                                                                                                                                                                                           |
| Operating Frequency:                                                                     | 2402 MHz to 2480 MHz                                                                                                                                                                                                                                                                                                                      |
| Type of Modulation:                                                                      | GFSK                                                                                                                                                                                                                                                                                                                                      |
| Channel Number:                                                                          | Low Energy mode:40 channels                                                                                                                                                                                                                                                                                                               |
| Channel Separation:                                                                      | Low Energy mode:2MHz                                                                                                                                                                                                                                                                                                                      |
| Data Rate:                                                                               | Low Energy mode: (1Mbps, 2Mbps)                                                                                                                                                                                                                                                                                                           |
| Antenna Type:                                                                            | Integral Antenna                                                                                                                                                                                                                                                                                                                          |
| Antenna Number:                                                                          | 1                                                                                                                                                                                                                                                                                                                                         |
| Antenna Gain:                                                                            | 1.72 dBi (Provided by the Client)                                                                                                                                                                                                                                                                                                         |

**Table 4: RF Channel and Frequency of Bluetooth LE**

| RF Channel | Frequency (MHz) | RF Channel | Frequency (MHz) | RF Channel | Frequency (MHz) | RF Channel | Frequency (MHz) |
|------------|-----------------|------------|-----------------|------------|-----------------|------------|-----------------|
| <b>0</b>   | <b>2402</b>     | 10         | 2422            | 20         | 2442            | 30         | 2462            |
| 1          | 2404            | 11         | 2424            | 21         | 2444            | 31         | 2464            |
| 2          | 2406            | 12         | 2426            | 22         | 2446            | 32         | 2466            |
| 3          | 2408            | 13         | 2428            | 23         | 2448            | 33         | 2468            |
| 4          | 2410            | 14         | 2430            | 24         | 2450            | 34         | 2470            |
| 5          | 2412            | 15         | 2432            | 25         | 2452            | 35         | 2472            |
| 6          | 2414            | 16         | 2434            | 26         | 2454            | 36         | 2474            |
| 7          | 2416            | 17         | 2436            | 27         | 2456            | 37         | 2476            |
| 8          | 2418            | 18         | 2438            | 28         | 2458            | 38         | 2478            |
| 9          | 2420            | <b>19</b>  | <b>2440</b>     | 29         | 2460            | <b>39</b>  | <b>2480</b>     |

Test frequencies are lowest channel: 2402 MHz, middle channel: 2440 MHz and highest channel: 2480 MHz for Bluetooth LE

### 3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Bluetooth transmitting mode (BLE)
  - 1) Low Channel
  - 2) Middle Channel
  - 3) High Channel
- B. On, Transmitting on communication
- C. Off

### 3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

### 3.5 Submitted Documents

- Application Form
- User Manual
- ID Label and Location Info
- Operation Description

## 4 Test Set-up and Operation Modes

### 4.1 Principle of Configuration Selection

**Radio Spectrum:** The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

**Emission:** The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

### 4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All tests were performed according to the procedures in ANSI C63.10-2020

According to clause 3.1, all tests were performed on model Olto in this report.

### 4.3 Special Accessories and Auxiliary Equipment

Table 5: List of Accessories and Auxiliary Equipment

| Description   | Manufacturer | Model   | S/N       | Rating                                                                                                        |
|---------------|--------------|---------|-----------|---------------------------------------------------------------------------------------------------------------|
| Laptop        | Lenovo       | T480    | PF-16A6N8 | /                                                                                                             |
| AC/DC Adapter | /            | PD-30CN | /         | Input: 100-240V, 50/60Hz,<br>0.8A Max<br>Output: 3.3-11V, 2.72A or<br>5V/3A or 9V/3A or 12V/2.5A<br>or 15V/2A |

### 4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

## 4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

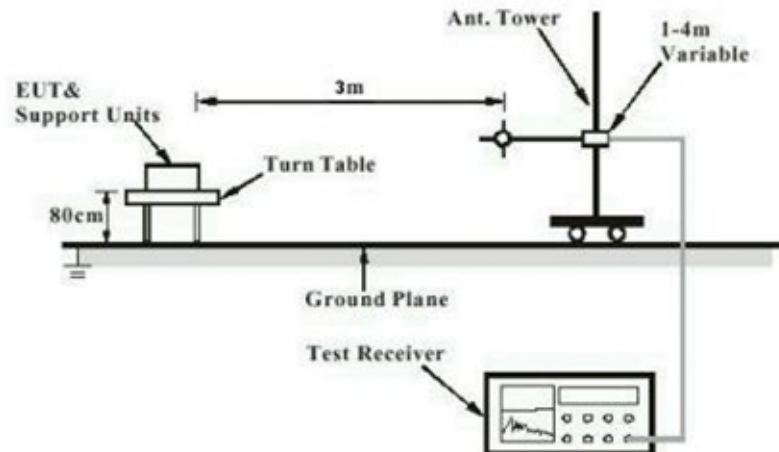
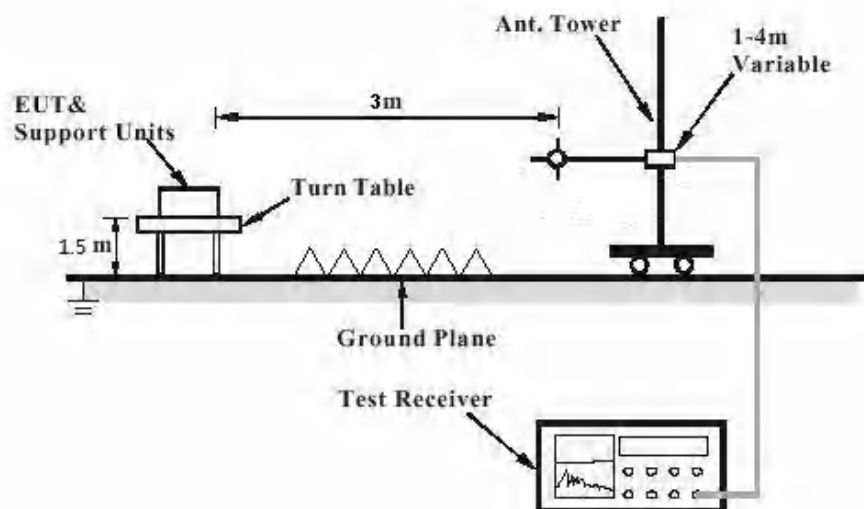
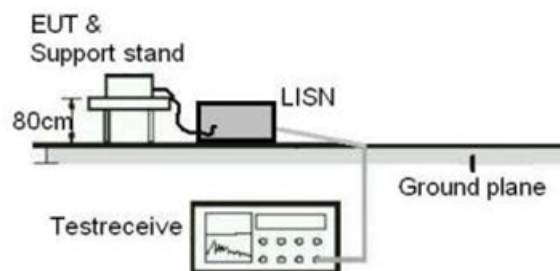


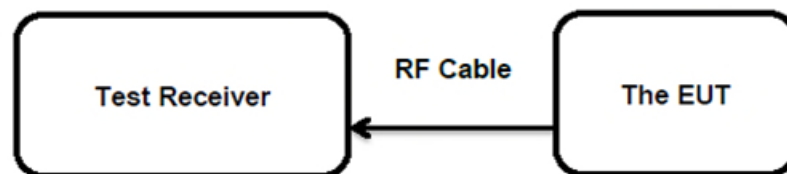
Diagram of Measurement Configuration for Radiation Test (Above 1GHz)



### Diagram of Measurement Configuration for Mains Conduction Measurement



### Diagram of Measurement Configuration for Conducted Transmitter Measurement



## 5 Test Results

### 5.1 Transmitter Requirement & Test Suites

#### 5.1.1 Antenna Requirement

RESULT:

Pass

**Test Specification**

Test standard : FCC Part 15.247(b)(4) and Part 15.203

The EUT has an Integral Antenna, the directional gain of antenna is 1.72dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement.

Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

## 5.1.2 Maximum Peak Conducted Output Power

**RESULT:**
**Pass**
**Test Specification**

Test standard : FCC Part 15.247(b)(1)&(3)  
 Basic standard : ANSI C63.10-2020  
 Limits : FHSS < 0.125 Watts, DSSS < 1.0 Watts  
 Kind of test site : Shielded Room

**Test Setup**

Date of testing : 2025-10-25 to 2025-11-15  
 Input voltage : Fully charged battery  
 Operation mode : A, B  
 Test channel : Low / Middle / High  
 Ambient temperature : 25.2 °C  
 Relative humidity : 37 %  
 Atmospheric pressure : 101 kPa

For details refer to following test result.

**Table 6: Test Result of Maximum Peak Conducted Output Power, Bluetooth LE**

| Test Mode                                                     | Test Channel (MHz) | Measured Peak Power | Limit (W/dBm) |
|---------------------------------------------------------------|--------------------|---------------------|---------------|
|                                                               |                    | (dBm)               |               |
| Bluetooth LE (1 Mbps)                                         | 2402               | -2.95               | < 1.0(30dBm)  |
|                                                               | 2440               | -3.68               |               |
|                                                               | 2480               | -3.48               |               |
| Max. Measured Value                                           |                    | -2.95               |               |
| Test Mode                                                     | Test Channel (MHz) | Measured Peak Power | Limit (W)     |
|                                                               |                    | (dBm)               |               |
| Bluetooth LE (2 Mbps)                                         | 2402               | -2.92               | < 1.0(30dBm)  |
|                                                               | 2440               | -3.88               |               |
|                                                               | 2480               | -3.57               |               |
| Max. Measured Value                                           |                    | -2.92               |               |
| Max. e.i.r.p=-2.92dBm+1.72dBi=-1.2dBm, which less than 30dBm. |                    |                     |               |

Note:

- 1) The cable loss is taken into account in results.
- 2) Antenna gain(G) of Bluetooth: 1.72 dBi

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### 5.1.3 Conducted Power Spectral Density

**RESULT:**

**Pass**

#### Test Specification

|                   |                      |
|-------------------|----------------------|
| Test standard     | : FCC Part 15.247(e) |
| Basic standard    | : ANSI C63.10-2020   |
| Limits            | : < 8 dBm / 3kHz     |
| Kind of test site | : Shielded Room      |

#### Test Setup

|                      |                            |
|----------------------|----------------------------|
| Date of testing      | : 2025-10-25 to 2025-11-15 |
| Input voltage        | : Fully charged battery    |
| Operation mode       | : B                        |
| Test channel         | : Low / Middle / High      |
| Ambient temperature  | : 25.2 °C                  |
| Relative humidity    | : 37 %                     |
| Atmospheric pressure | : 101 kPa                  |

For the measurement records, refer to the appendix A.  
(the worst result after the EUTs were tested with all mode.)

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### 5.1.4 6dB Bandwidth

RESULT:

Pass

**Test Specification**

|                   |                         |
|-------------------|-------------------------|
| Test standard     | : FCC Part 15.247(a)(2) |
| Basic standard    | : ANSI C63.10-2020      |
| Limits            | : > 500 KHz             |
| Kind of test site | : Shielded Room         |

**Test Setup**

|                      |                            |
|----------------------|----------------------------|
| Date of testing      | : 2025-10-25 to 2025-11-15 |
| Input voltage        | : Fully charged battery    |
| Operation mode       | : B                        |
| Test channel         | : Low / Middle / High      |
| Ambient temperature  | : 25.2 °C                  |
| Relative humidity    | : 37 %                     |
| Atmospheric pressure | : 101 kPa                  |

For the measurement records, refer to the appendix A.  
(the worst result after the EUTs were tested with all mode.)

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### 5.1.5 99% Bandwidth

RESULT:

Pass

**Test Specification**

|                   |                      |
|-------------------|----------------------|
| Test standard     | : FCC Part 15.247(a) |
| Basic standard    | : ANSI C63.10-2020   |
| Kind of test site | : Shielded Room      |

**Test Setup**

|                      |                            |
|----------------------|----------------------------|
| Date of testing      | : 2025-10-25 to 2025-11-15 |
| Input voltage        | : Fully charged battery    |
| Operation mode       | : A, B                     |
| Test channel         | : Low / Middle / High      |
| Ambient temperature  | : 25.2 °C                  |
| Relative humidity    | : 37 %                     |
| Atmospheric pressure | : 101 kPa                  |

For the measurement records, refer to the appendix A.  
(the worst result after the EUTs were tested with all mode.)

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## 5.1.6 20dB Bandwidth

**RESULT:**

**Pass**

### Test Specification

|                   |                         |
|-------------------|-------------------------|
| Test standard     | : FCC Part 15.247(a)(1) |
| Basic standard    | : ANSI C63.10-2020      |
| Kind of test site | : Shielded Room         |

### Test Setup

|                      |                            |
|----------------------|----------------------------|
| Date of testing      | : 2025-10-25 to 2025-11-15 |
| Input voltage        | : Fully charged battery    |
| Operation mode       | : A                        |
| Test channel         | : Low / Middle / High      |
| Ambient temperature  | : 25.2 °C                  |
| Relative humidity    | : 37 %                     |
| Atmospheric pressure | : 101 kPa                  |

For the measurement records, refer to the appendix A.  
(the worst result after the EUTs were tested with all mode.)

## 5.1.7 Conducted Spurious Emissions Measured in 100 kHz Bandwidth

**RESULT:****Pass****Test Specification**

|                   |                                                                                                                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test standard     | : FCC Part 15.247(d)                                                                                                                                                                                                                                               |
| Basic standard    | : ANSI C63.10-2020                                                                                                                                                                                                                                                 |
| Limits            | : 20dB (below that in the 100kHz bandwidth within the band that contains the highest level of the desired power);<br>In addition, radiated emissions which fall in the restricted bands, must also comply with the radiated emission limits specified in 15.209(a) |
| Kind of test site | : Shielded Room                                                                                                                                                                                                                                                    |

**Test Setup**

|                      |                            |
|----------------------|----------------------------|
| Date of testing      | : 2025-10-25 to 2025-11-15 |
| Input voltage        | : Fully charged battery    |
| Operation mode       | : A                        |
| Test channel         | : Low / Middle / High      |
| Ambient temperature  | : 25.2 °C                  |
| Relative humidity    | : 37 %                     |
| Atmospheric pressure | : 101 kPa                  |

Test results of 100kHz Bandwidth of Frequency Band Edge by Conducted method refer to test plots, and compliance is achieved as well.

For the measurement records, refer to the appendix A  
(the worst result after the EUTs were tested with all mode.)

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## 5.1.8 Radiated Spurious Emission

**RESULT:****Pass****Test Specification**

|                   |                                            |
|-------------------|--------------------------------------------|
| Test standard     | : FCC Part 15.247(d) & FCC Part 15.205     |
| Basic standard    | : ANSI C63.10-2020                         |
| Limits            | : Refer to 15.209(a) of FCC part 15.247(d) |
| Kind of test site | : 3m Semi-anechoic Chamber                 |

**Test Setup**

|                      |                            |
|----------------------|----------------------------|
| Date of testing      | : 2025-10-25 to 2025-11-15 |
| Input voltage        | : Fully charged battery    |
| Operation mode       | : A                        |
| Test channel         | : Low / Middle / High      |
| Ambient temperature  | : Refer to test result     |
| Relative humidity    | : Refer to test result     |
| Atmospheric pressure | : 101 kPa                  |

**Remark:**

Testing was carried out within frequency range 9kHz to the tenth harmonics. Only the worst case spurious emissions configuration of the each mode were reported.

For the measurement records, refer to the appendix A .  
(the worst result after the EUTs were tested with all mode.)

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### 5.1.9 Conducted Emission on AC Mains

RESULT:

Pass

**Test Specification**

|                   |                      |
|-------------------|----------------------|
| Test standard     | : FCC Part 15.207(a) |
| Basic standard    | : ANSI C63.10-2020   |
| Frequency range   | : 0.15 – 30MHz       |
| Classification    | : Class B            |
| Limits            | : FCC Part 15.207(a) |
| Kind of test site | : Shielded Room      |

**Test Setup**

|                      |                            |
|----------------------|----------------------------|
| Date of testing      | : 2025-10-25 to 2025-11-15 |
| Input voltage        | : AC 120V, 60Hz            |
| Operation mode       | : B                        |
| Earthing             | : Not connected            |
| Ambient temperature  | : 25.0 °C                  |
| Relative humidity    | : 51.2 %                   |
| Atmospheric pressure | : 101 kPa                  |

For the measurement records, refer to the appendix A.  
(the worst result after the EUTs were tested with all mode.)

## 6 Photographs of the Test Set-Up

For photographs of the test set-up, refer to appendix B.

## 7 List of Tables

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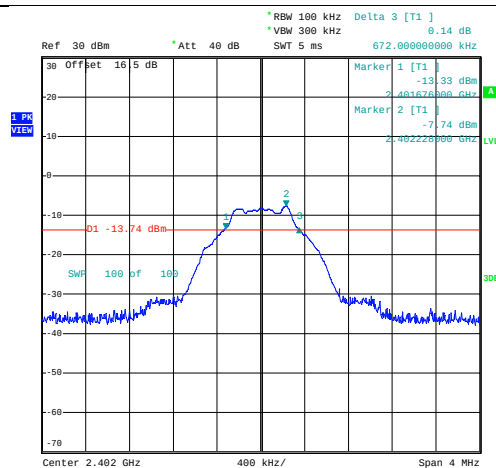
## Appendix B: Test Results of Bluetooth LE

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## Appendix B.1: Test Results of Conducted Power Spectral Density

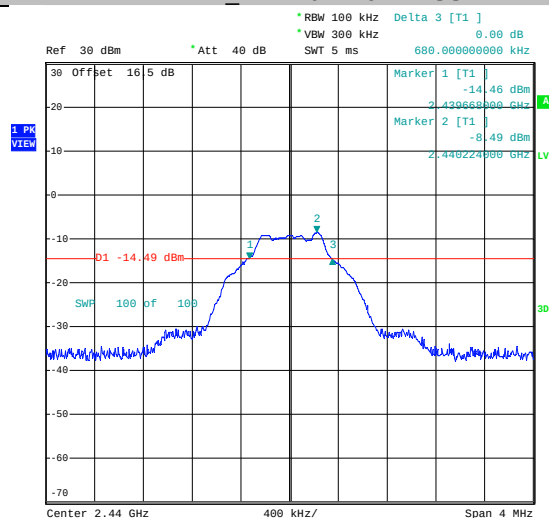
| TestMode | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|----------|---------|----------------|--------------|---------|---------|------------|---------|
| BLE 1M   | Ant1    | 2402           | 0.67         | 2401.68 | 2402.35 | 0.5        | PASS    |
| BLE 1M   | Ant1    | 2440           | 0.68         | 2439.67 | 2440.35 | 0.5        | PASS    |
| BLE 1M   | Ant1    | 2480           | 0.68         | 2479.66 | 2480.35 | 0.5        | PASS    |
| BLE 2M   | Ant1    | 2402           | 1.28         | 2401.39 | 2402.67 | 0.5        | PASS    |
| BLE 2M   | Ant1    | 2440           | 1.33         | 2439.34 | 2440.67 | 0.5        | PASS    |
| BLE 2M   | Ant1    | 2480           | 1.35         | 2479.33 | 2480.68 | 0.5        | PASS    |

### Test Graphs



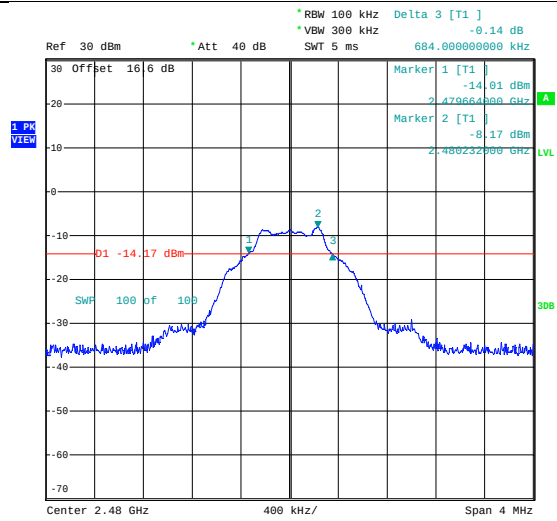
Date: 13.NOV.2025 12:41:55

#### BLE 1M-Ant1-2402-PASS



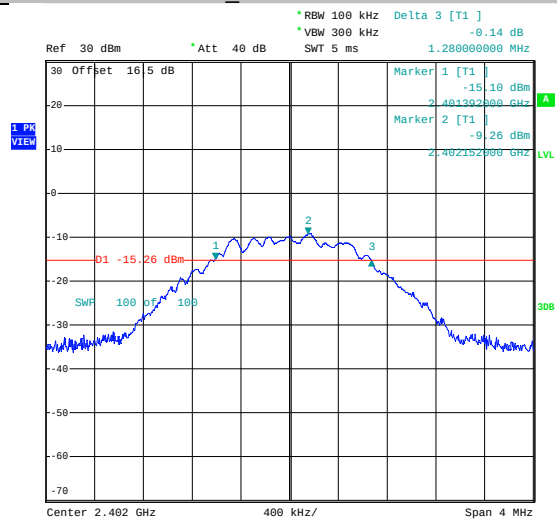
Date: 13.NOV.2025 12:50:32

#### BLE 1M-Ant1-2440-PASS



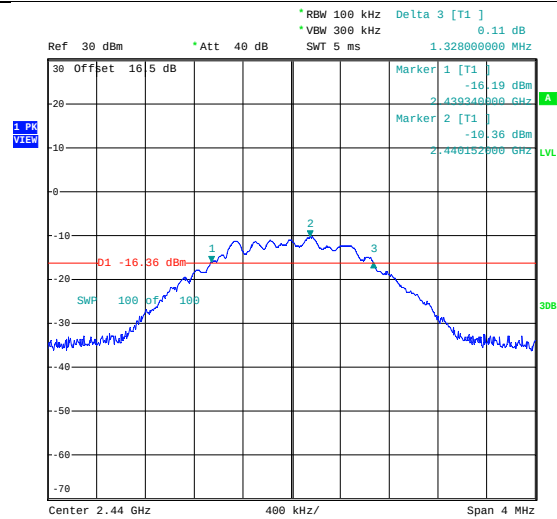
Date: 13.NOV.2025 12:56:13

#### BLE\_1M-Ant1-2480-PASS



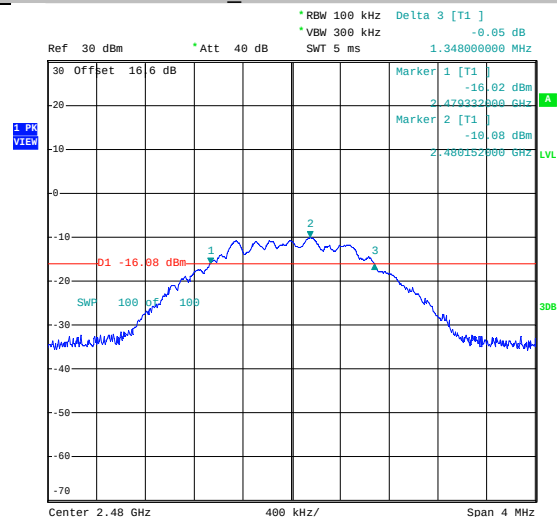
Date: 13.NOV.2025 13:02:04

#### BLE\_2M-Ant1-2402-PASS



Date: 13.NOV.2025 13:08:02

#### BLE\_2M-Ant1-2440-PASS



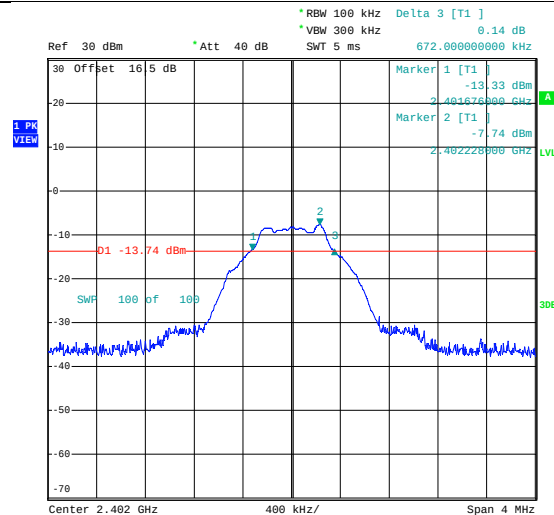
Date: 13.NOV.2025 13:13:12

#### BLE\_2M-Ant1-2480-PASS

## Appendix B.2: Test Results of 6dB Bandwidth

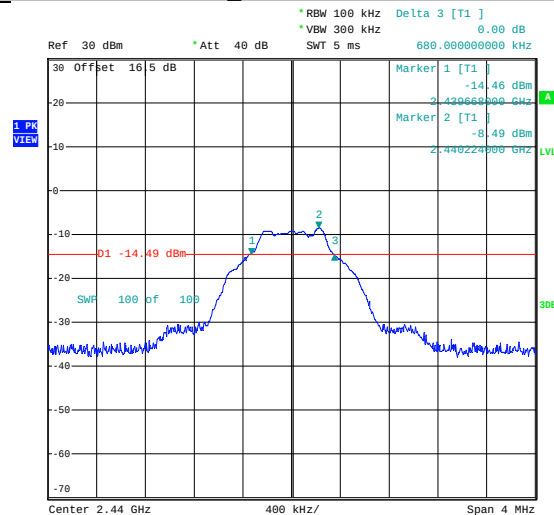
| TestMode | Antenna | Channel | DTS BW [MHz] | FL [MHz] | FH [MHz] | Limit [MHz] | Verdict |
|----------|---------|---------|--------------|----------|----------|-------------|---------|
| BLE_1M   | Ant1    | 2402    | 0.67         | 2401.68  | 2402.35  | 0.5         | PASS    |
|          |         | 2440    | 0.68         | 2439.67  | 2440.35  | 0.5         | PASS    |
|          |         | 2480    | 0.68         | 2479.66  | 2480.35  | 0.5         | PASS    |
| BLE_2M   | Ant1    | 2402    | 1.28         | 2401.39  | 2402.67  | 0.5         | PASS    |
|          |         | 2440    | 1.33         | 2439.34  | 2440.67  | 0.5         | PASS    |
|          |         | 2480    | 1.35         | 2479.33  | 2480.68  | 0.5         | PASS    |

### Test Graphs



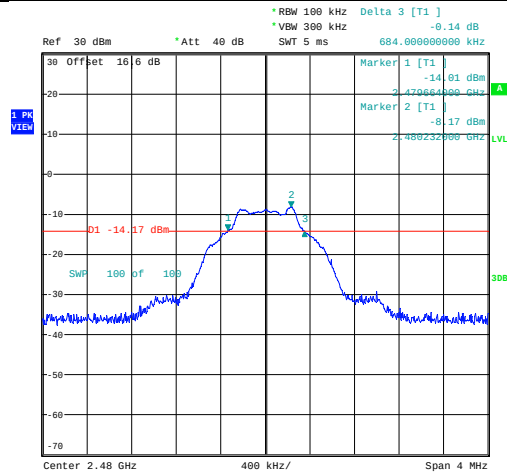
Date: 13.NOV.2025 12:41:55

### BLE\_1M-Ant1-2402-PASS



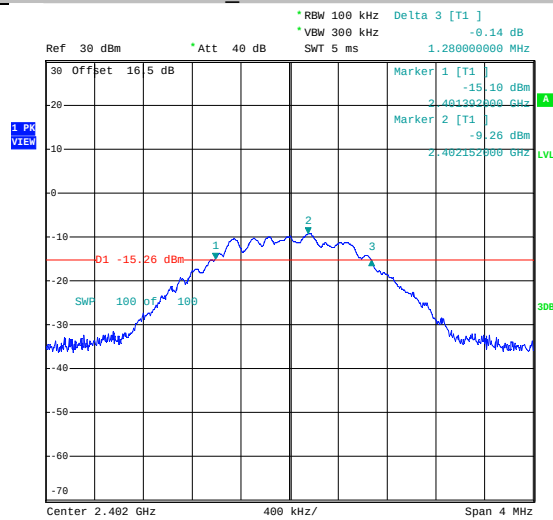
Date: 13.NOV.2025 12:50:32

BLE\_1M-Ant1-2440-PASS



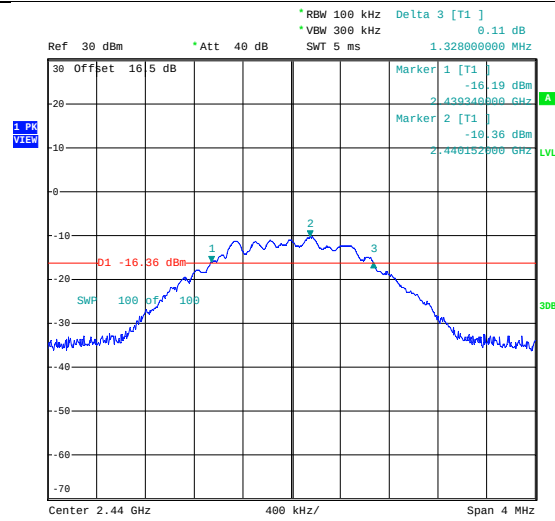
Date: 13.NOV.2025 12:56:13

BLE\_1M-Ant1-2480-PASS



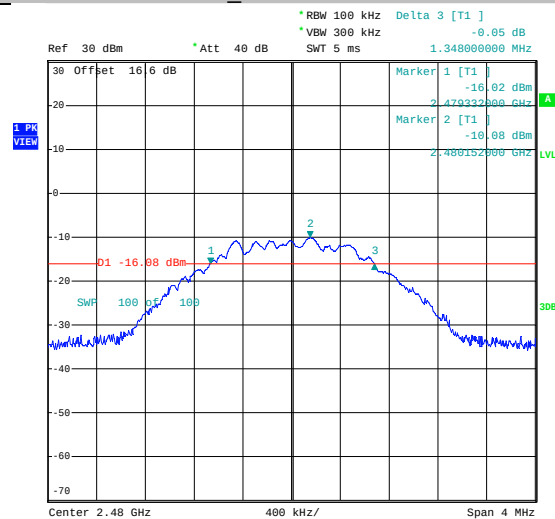
Date: 13.NOV.2025 13:02:04

BLE\_2M-Ant1-2402-PASS



Date: 13.NOV.2025 13:08:02

#### BLE\_2M-Ant1-2440-PASS



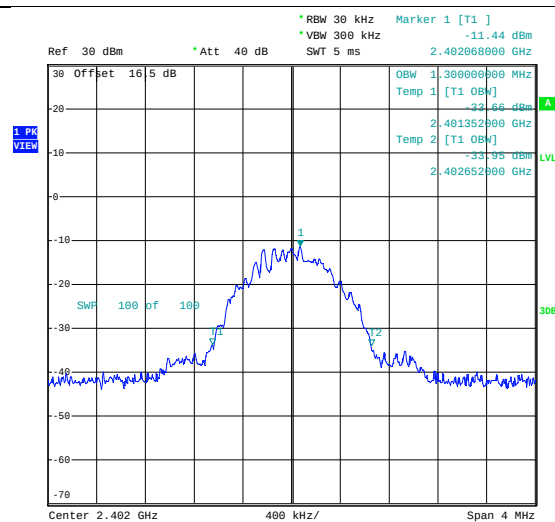
Date: 13.NOV.2025 13:13:12

#### BLE\_2M-Ant1-2480-PASS

### Appendix B.3: Test Results of 99% Bandwidth

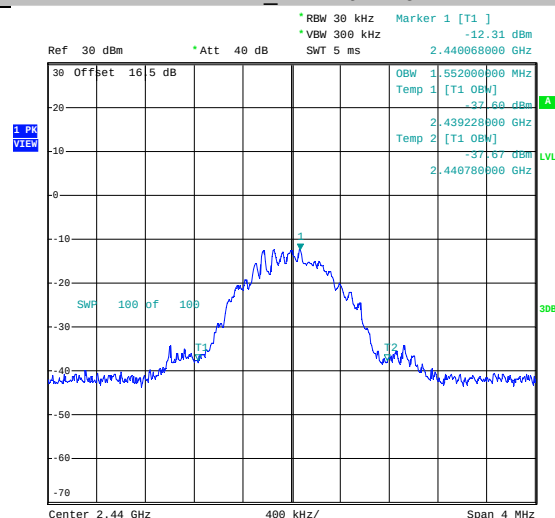
| TestMode | Antenna | Channel | OCB [MHz] | FL [MHz]  | FH [MHz]  | Limit [MHz] | Verdict |
|----------|---------|---------|-----------|-----------|-----------|-------------|---------|
| BLE_1M   | Ant1    | 2402    | 1.3       | 2401.3520 | 2402.6520 | ---         | PASS    |
|          |         | 2440    | 1.552     | 2439.2280 | 2440.7800 | ---         | PASS    |
|          |         | 2480    | 1.556     | 2479.2240 | 2480.7800 | ---         | PASS    |
| BLE_2M   | Ant1    | 2402    | 2.3       | 2400.8520 | 2403.1520 | ---         | PASS    |
|          |         | 2440    | 2.428     | 2438.7880 | 2441.2160 | ---         | PASS    |
|          |         | 2480    | 2.42      | 2478.7960 | 2481.2160 | ---         | PASS    |

### Test Graphs



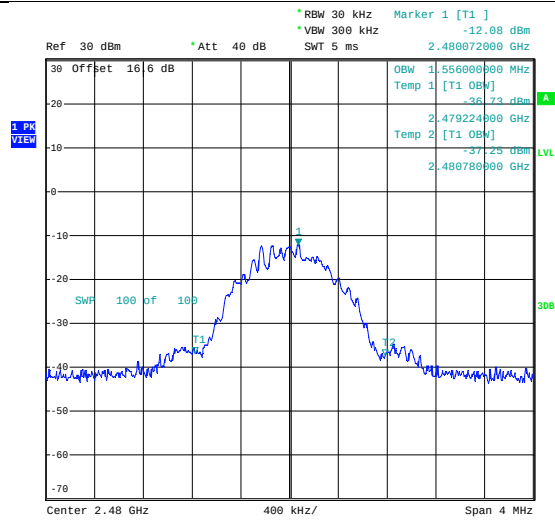
Date: 13.NOV.2025 12:42:19

#### BLE\_1M-Ant1-2402



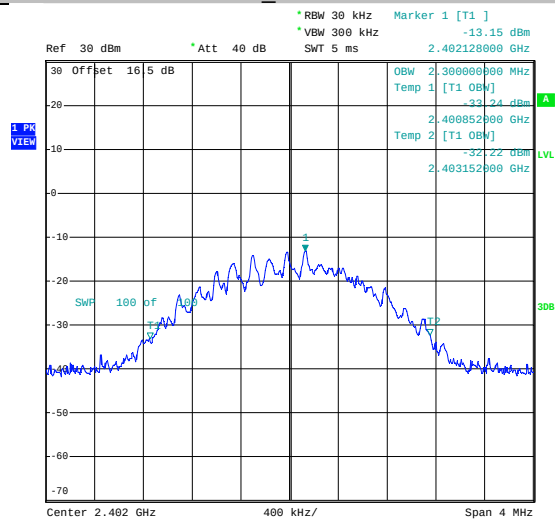
Date: 13.NOV.2025 12:50:56

#### BLE\_1M-Ant1-2440



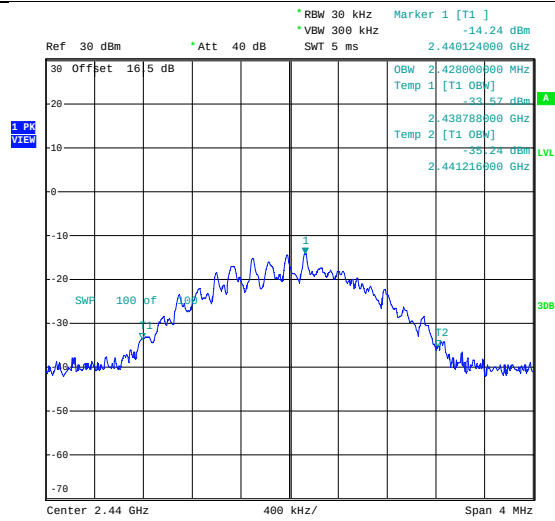
Date: 13.NOV.2025 12:56:37

#### BLE\_1M-Ant1-2480



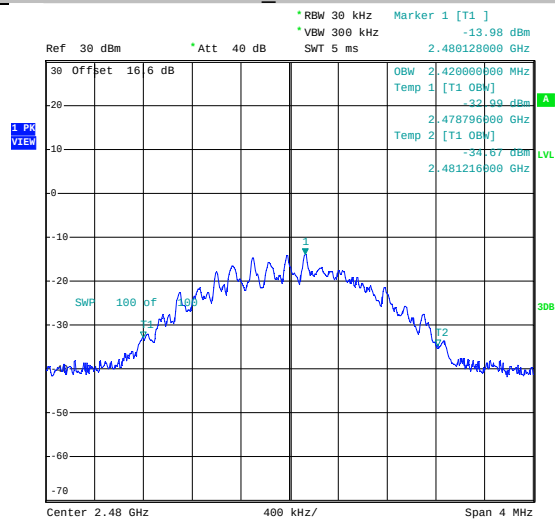
Date: 13.NOV.2025 13:02:29

#### BLE\_2M-Ant1-2402



Date: 13.NOV.2025 13:08:26

BLE\_2M-Ant1-2440



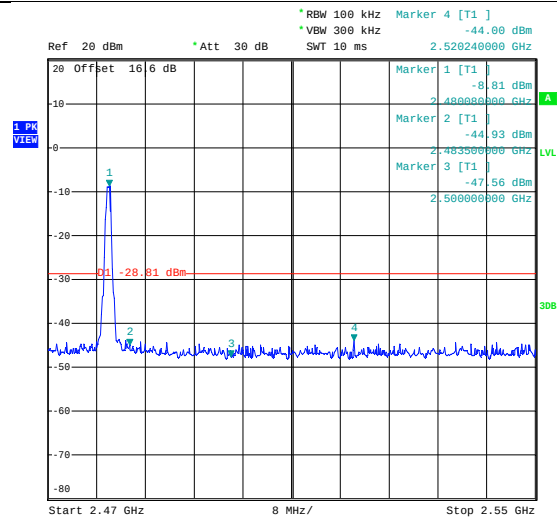
Date: 13.NOV.2025 13:13:37

BLE\_2M-Ant1-2480

Band Edge

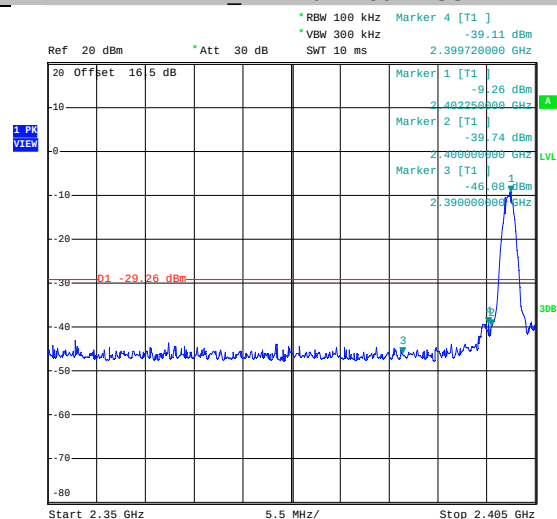
| TestMode | Antenna | ChName | Channel | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|--------|---------|----------------|--------------|-------------|---------|
| BLE_1M   | Ant1    | Low    | 2402    | -7.89          | -43.52       | ≤-27.89     | PASS    |
|          |         | High   | 2480    | -8.81          | -44          | ≤-28.81     | PASS    |
| BLE_2M   | Ant1    | Low    | 2402    | -9.26          | -39.11       | ≤-29.26     | PASS    |
|          |         | High   | 2480    | -9.84          | -42.94       | ≤-29.84     | PASS    |

BLE 1M-Ant1-2402-PASS



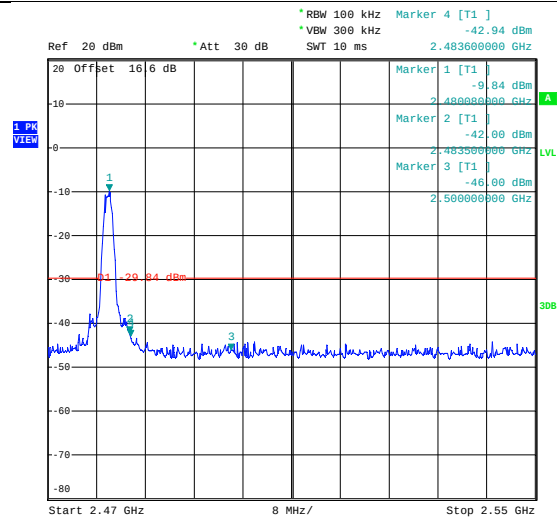
Date: 13.NOV.2025 12:57:24

#### BLE\_1M-Ant1-2480-PASS



Date: 13.NOV.2025 13:03:31

#### BLE\_2M-Ant1-2402-PASS



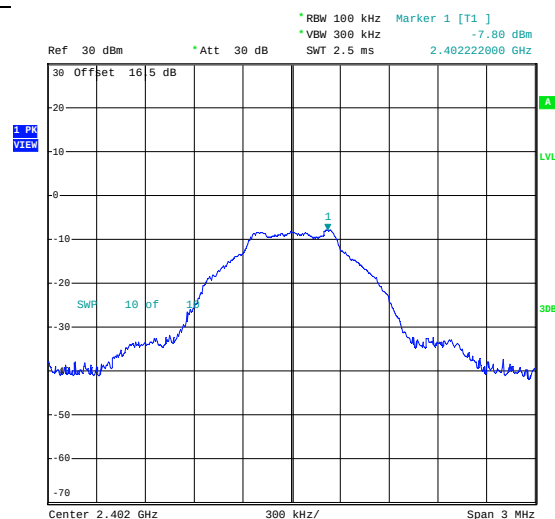
Date: 13.NOV.2025 13:14:33

BLE 2M-Ant1-2480-PASS

## Conducted Spurious Emission

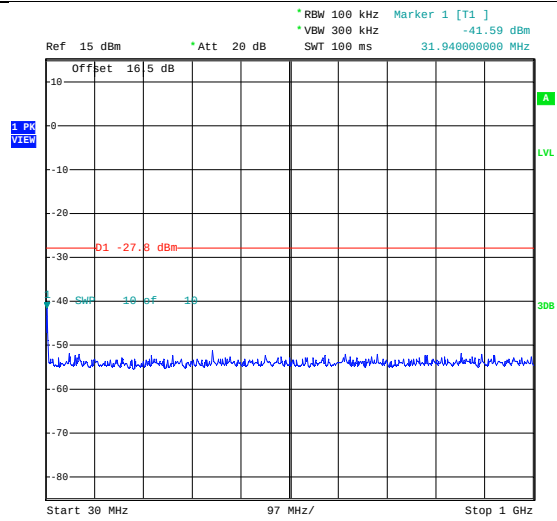
| TestMode | Antenna | Channel | FreqRange [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|----------|---------|---------|-----------------|----------------|--------------|-------------|---------|
| BLE_1M   | Ant1    | 2402    | 0~Reference     | -7.80          | -7.80        | ---         | PASS    |
|          |         |         | 30~1000         | -7.80          | -41.59       | ≤-27.8      | PASS    |
|          |         |         | 1000~26500      | -7.80          | -34.71       | ≤-27.8      | PASS    |
|          |         | 2440    | 0~Reference     | -8.55          | -8.55        | ---         | PASS    |
|          |         |         | 30~1000         | -8.55          | -51.33       | ≤-28.55     | PASS    |
|          |         |         | 1000~26500      | -8.55          | -34.3        | ≤-28.55     | PASS    |
|          |         | 2480    | 0~Reference     | -8.14          | -8.14        | ---         | PASS    |
|          |         |         | 30~1000         | -8.14          | -51.11       | ≤-28.14     | PASS    |
|          |         |         | 1000~26500      | -8.14          | -34.62       | ≤-28.14     | PASS    |
| BLE_2M   | Ant1    | 2402    | 0~Reference     | -9.40          | -9.40        | ---         | PASS    |
|          |         |         | 30~1000         | -9.40          | -42.08       | ≤-29.4      | PASS    |
|          |         |         | 1000~26500      | -9.40          | -33.89       | ≤-29.4      | PASS    |
|          |         | 2440    | 0~Reference     | -10.33         | -10.33       | ---         | PASS    |
|          |         |         | 30~1000         | -10.33         | -50.7        | ≤-30.33     | PASS    |
|          |         |         | 1000~26500      | -10.33         | -34.45       | ≤-30.33     | PASS    |
|          |         | 2480    | 0~Reference     | -10.07         | -10.07       | ---         | PASS    |
|          |         |         | 30~1000         | -10.07         | -51.62       | ≤-30.07     | PASS    |
|          |         |         | 1000~26500      | -10.07         | -34.5        | ≤-30.07     | PASS    |

## Test Graphs



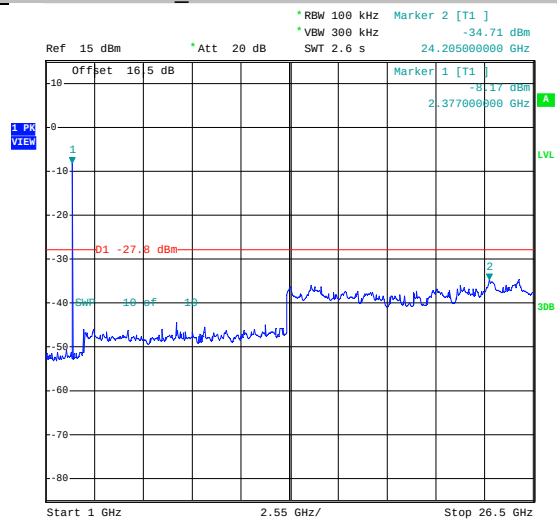
Date: 13.NOV.2025 12:46:43

BLE\_1M-Ant1-2402-0~Reference-PASS



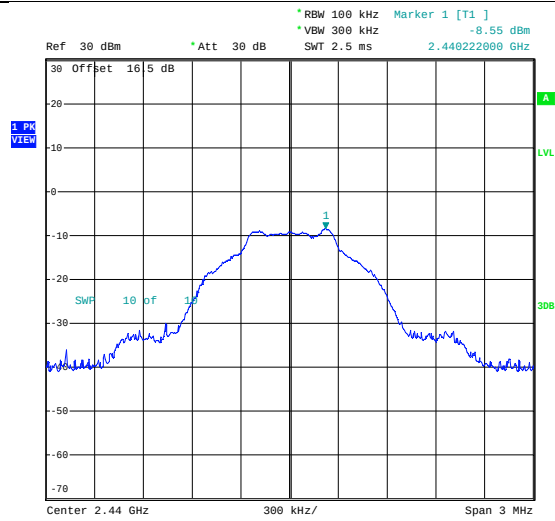
Date: 13.NOV.2025 12:46:59

BLE\_1M-Ant1-2402-30~1000-PASS



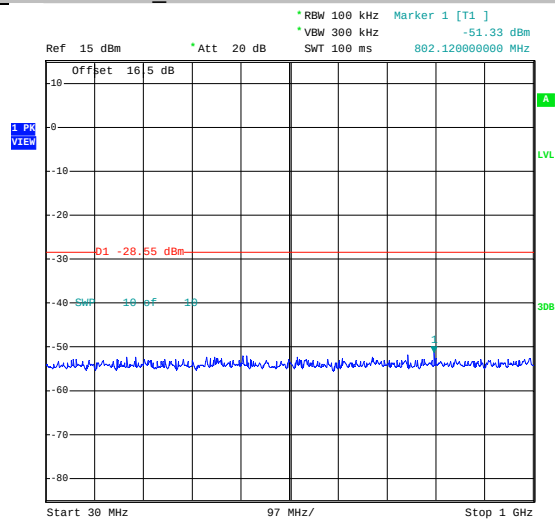
Date: 13.NOV.2025 12:48:43

BLE\_1M-Ant1-2402-1000~26500-PASS



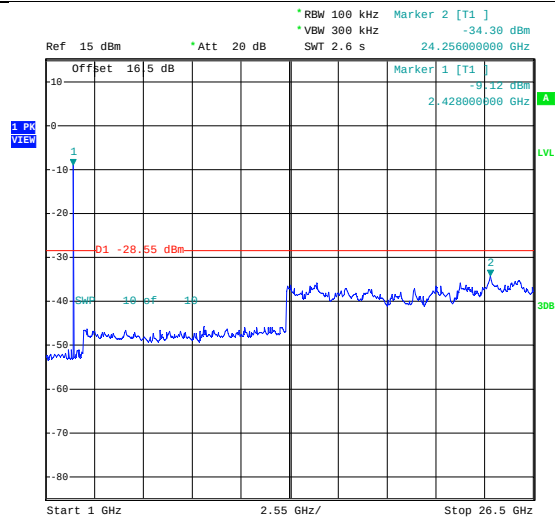
Date: 13.NOV.2025 12:51:46

BLE\_1M-Ant1-2440-0~Reference-PASS



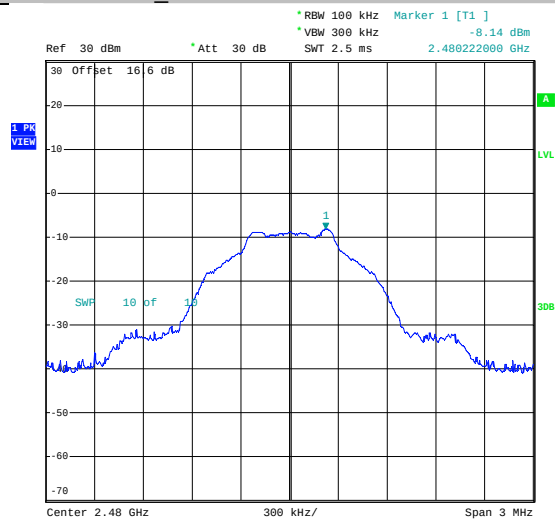
Date: 13.NOV.2025 12:52:01

BLE\_1M-Ant1-2440-30~1000-PASS



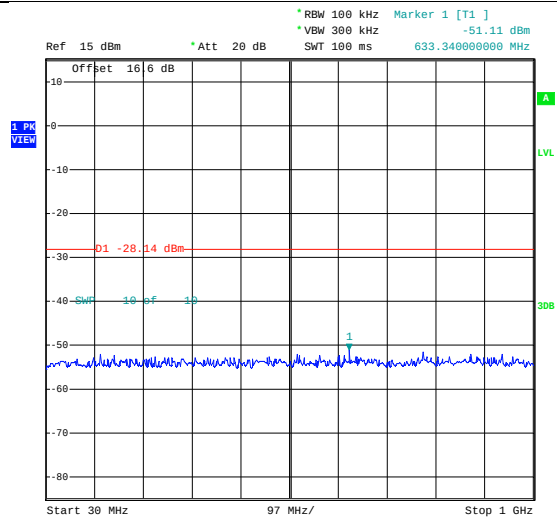
Date: 13.NOV.2025 12:53:46

BLE\_1M-Ant1-2440-1000-26500-PASS



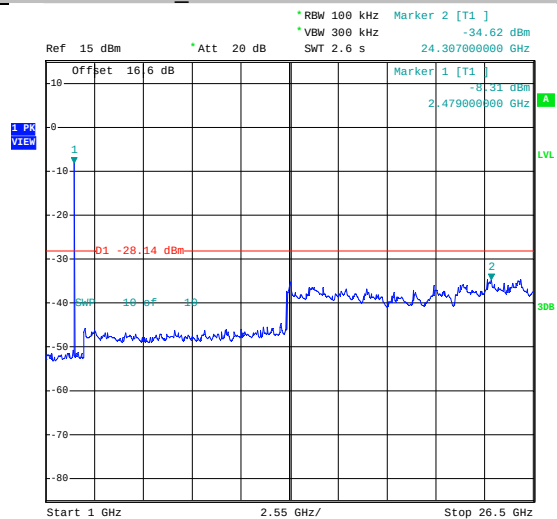
Date: 13.NOV.2025 12:58:42

BLE\_1M-Ant1-2480-0-Reference-PASS



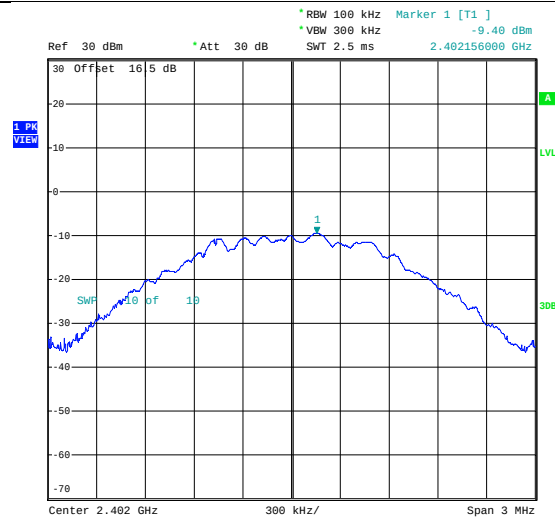
Date: 13.NOV.2025 12:58:57

BLE\_1M-Ant1-2480-30~1000-PASS



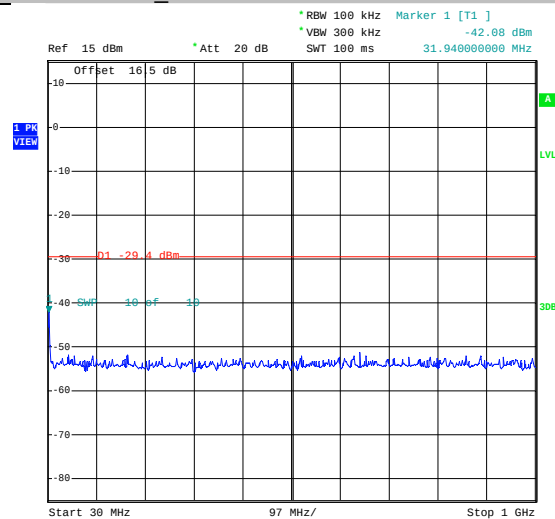
Date: 13.NOV.2025 13:00:41

BLE\_1M-Ant1-2480-1000~26500-PASS



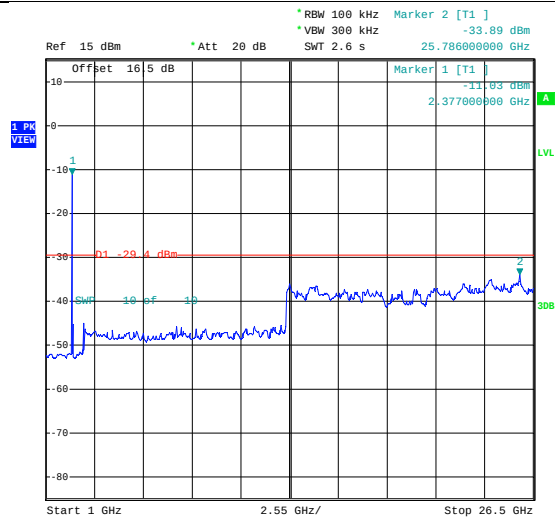
Date: 13.NOV.2025 13:04:50

BLE\_2M-Ant1-2402-0~Reference-PASS



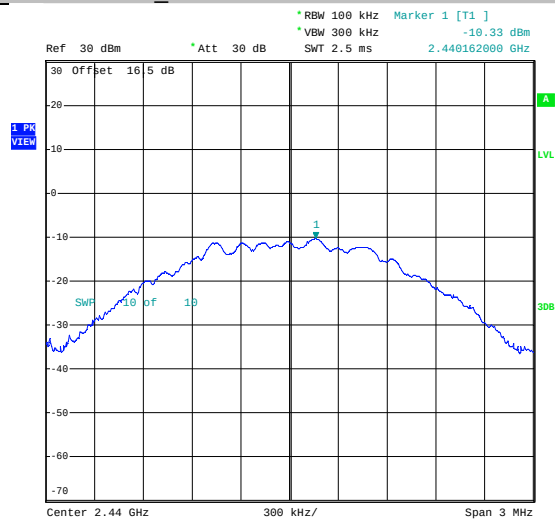
Date: 13.NOV.2025 13:05:05

BLE\_2M-Ant1-2402-30~1000-PASS



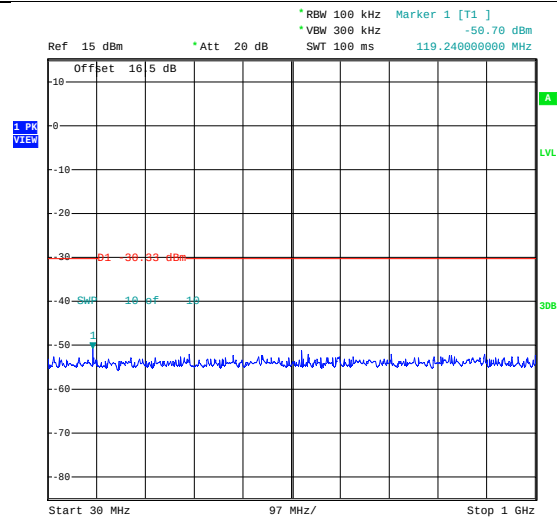
Date: 13.NOV.2025 13:06:50

BLE\_2M-Ant1-2402-1000~26500-PASS



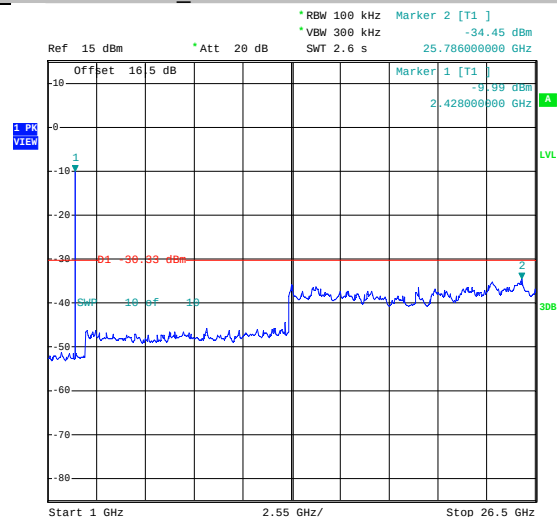
Date: 13.NOV.2025 13:09:56

BLE\_2M-Ant1-2440-0~Reference-PASS



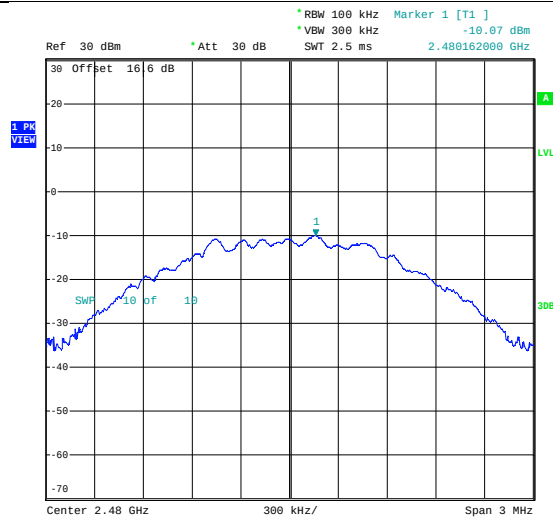
Date: 13.NOV.2025 13:10:11

## BLE\_2M-Ant1-2440-30~1000-PASS



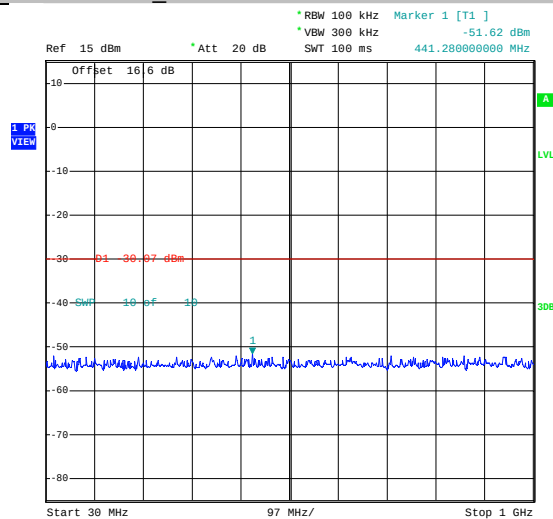
Date: 13.NOV.2025 13:11:56

BLE\_2M-Ant1-2440-1000~26500-PASS



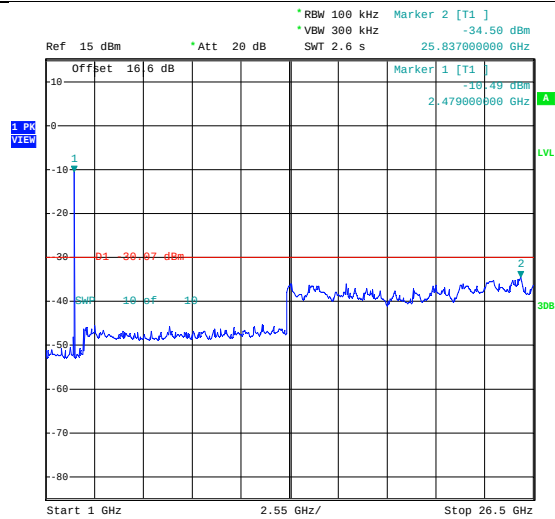
Date: 13.NOV.2025 13:15:48

BLE\_2M-Ant1-2480-0~Reference-PASS



Date: 13.NOV.2025 13:16:03

BLE\_2M-Ant1-2480-30~1000-PASS



Date: 13.NOV.2025 13:17:47

BLE\_2M-Ant1-2480-1000~26500-PASS

## Appendix B.5: Test Results of Radiated Spurious Emissions

Note:

- 1) This testing was carried out on different modulations, but only the worst case was presented in this report.
- 2) Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

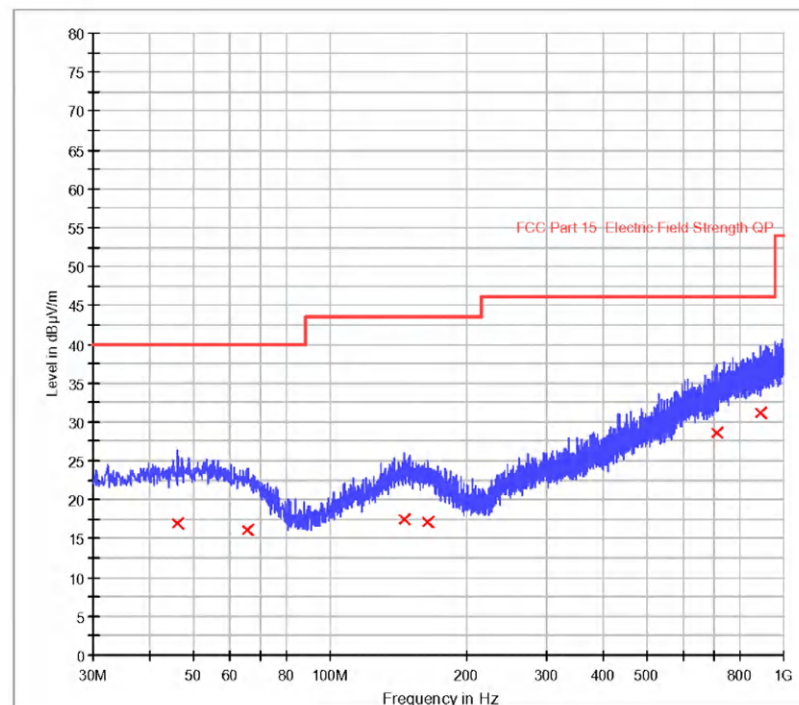
30 MHz - 1GHz

### EMC Test Record (Emission)

#### Common Information

|                     |                                 |
|---------------------|---------------------------------|
| Manufacturer:       |                                 |
| Test Item:          | E-BIKE                          |
| Identification:     | T09                             |
| Test Standard:      | FCC Part 15                     |
| Test Detail:        | Radiated Emission               |
| Operation Mode:     | BLE HIGH                        |
| Climate Condition:  | 26 °C, 53 %, 101kPa             |
| Test Voltage/ Freq: | /                               |
| Receipt No:         | 170419036                       |
| Report No:          |                                 |
| Result:             | Pass                            |
| Comment:            | Test distance is 3m; Horizontal |

|                  |            |
|------------------|------------|
| Subrange 1       |            |
| Frequency range: | 30-1000MHz |
| Receiver:        | ESCI 3     |
| Transducer:      | VULB9168   |



|            |          |              |           |
|------------|----------|--------------|-----------|
| Tested by: | Mark Luo | Reviewed by: | Jody Chen |
|            | 20251111 |              | 20251112  |

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

### Limit and Margin

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV/m) | Meas. Time<br>(ms) | Bandwidth<br>(kHz) | Pol | Corr.<br>(dB/m) | Margin<br>- QPK<br>(dB) | Limit -<br>QPK<br>(dBμV/m) |
|--------------------|-----------------------|--------------------|--------------------|-----|-----------------|-------------------------|----------------------------|
| 46.120000          | 17.0                  | 1000.0             | 120.000            | H   | 20.7            | 23.0                    | 40.0                       |
| 65.760000          | 16.0                  | 1000.0             | 120.000            | H   | 19.4            | 24.0                    | 40.0                       |
| 145.320000         | 17.6                  | 1000.0             | 120.000            | H   | 21.0            | 26.0                    | 43.5                       |
| 164.480000         | 17.1                  | 1000.0             | 120.000            | H   | 20.9            | 26.4                    | 43.5                       |
| 709.480000         | 28.7                  | 1000.0             | 120.000            | H   | 31.5            | 17.3                    | 46.0                       |
| 885.520000         | 31.2                  | 1000.0             | 120.000            | H   | 34.1            | 14.8                    | 46.0                       |

Tested by:

Mark Luo

20251111

Reviewed by:

Jacky Chen

20251112

TÜV Rheinland (Guangdong) Ltd.

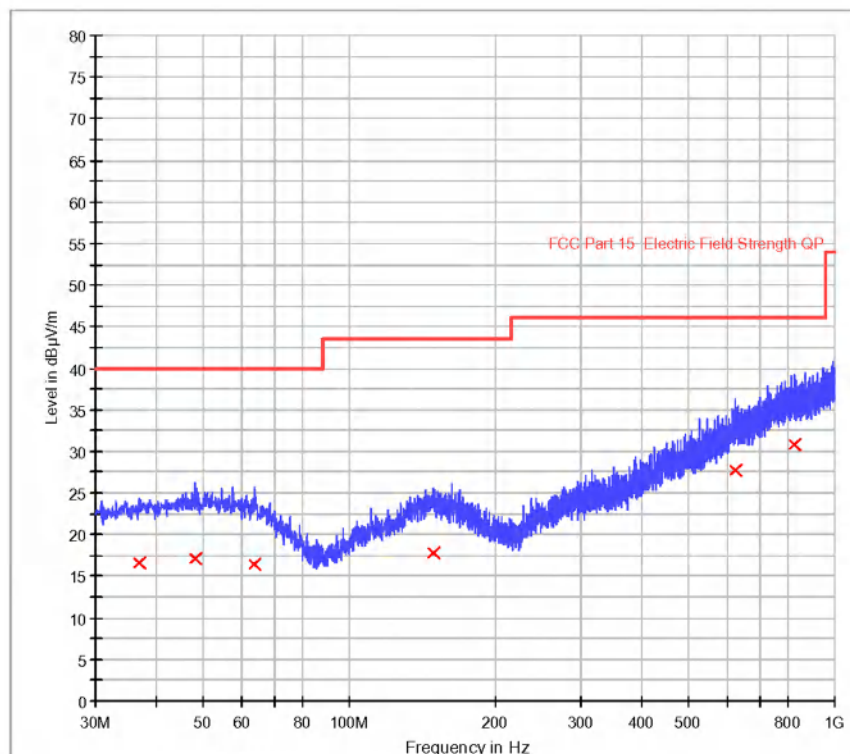
EMC Test Service Hotline: +86-20-28391188

## EMC Test Record (Emission)

### Common Information

|                     |                               |
|---------------------|-------------------------------|
| Manufacturer:       |                               |
| Test Item:          | E-BIKE                        |
| Identification:     | T09                           |
| Test Standard:      | FCC Part 15                   |
| Test Detail:        | Radiated Emission             |
| Operation Mode:     | BLE HIGH                      |
| Climate Condition:  | 26 °C, 53 %, 101kPa           |
| Test Voltage/ Freq: | /                             |
| Receipt No:         | 170419036                     |
| Report No:          |                               |
| Result:             | Pass                          |
| Comment:            | Test distance is 3m; Vertical |

|                  |            |
|------------------|------------|
| Subrange 1       |            |
| Frequency range: | 30-1000MHz |
| Receiver:        | ESCI 3     |
| Transducer:      | VULB9168   |



|            |          |              |            |
|------------|----------|--------------|------------|
| Tested by: | Mark Luo | Reviewed by: | Jacky Chen |
|            | 20251111 |              | 20251112   |

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EMC Test Service Hotline: +86-20-28391188

### Limit and Margin

| Frequency<br>(MHz) | QuasiPeak<br>(dBµV/m) | Meas. Time<br>(ms) | Bandwidth<br>(kHz) | Pol | Corr.<br>(dB/m) | Margin<br>- QPK<br>(dB) | Limit -<br>QPK<br>(dBµV/m) |
|--------------------|-----------------------|--------------------|--------------------|-----|-----------------|-------------------------|----------------------------|
| 36.800000          | 16.6                  | 1000.0             | 120.000            | V   | 19.9            | 23.4                    | 40.0                       |
| 48.080000          | 17.1                  | 1000.0             | 120.000            | V   | 20.7            | 22.9                    | 40.0                       |
| 63.840000          | 16.4                  | 1000.0             | 120.000            | V   | 19.8            | 23.6                    | 40.0                       |
| 149.320000         | 17.9                  | 1000.0             | 120.000            | V   | 21.3            | 25.6                    | 43.5                       |
| 624.720000         | 27.8                  | 1000.0             | 120.000            | V   | 30.6            | 18.2                    | 46.0                       |
| 825.160000         | 30.8                  | 1000.0             | 120.000            | V   | 33.6            | 15.3                    | 46.0                       |

Tested by:

Mark Luo

20251111

Reviewed by:

Jacky Chen

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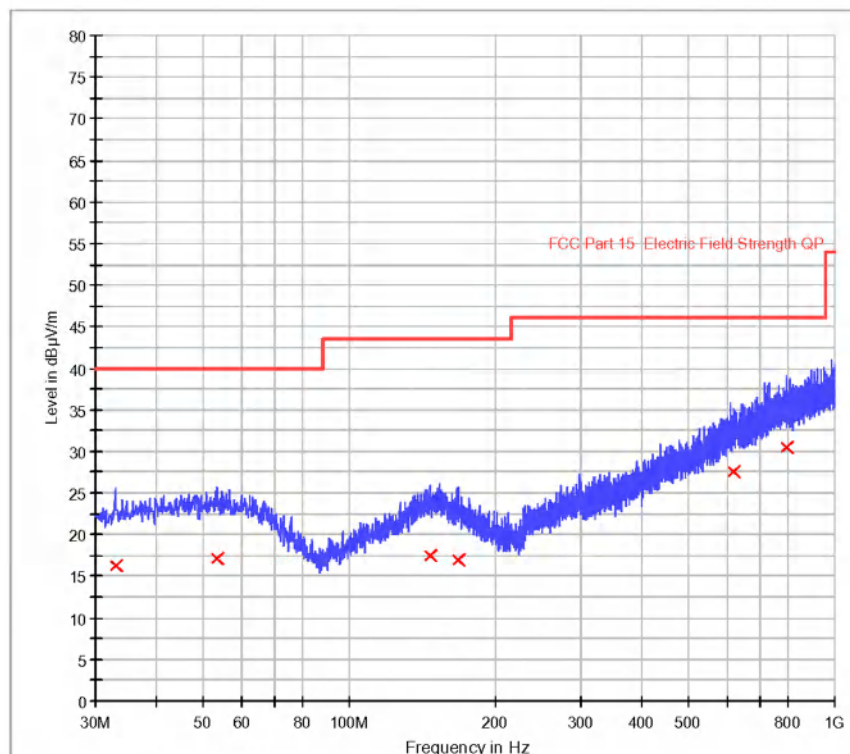
EMC Test Service Hotline: +86-20-28391188

## EMC Test Record (Emission)

### Common Information

|                     |                                 |
|---------------------|---------------------------------|
| Manufacturer:       |                                 |
| Test Item:          | E-BIKE                          |
| Identification:     | T09                             |
| Test Standard:      | FCC Part 15                     |
| Test Detail:        | Radiated Emission               |
| Operation Mode:     | BLE LOW                         |
| Climate Condition:  | 26 °C, 53 %, 101kPa             |
| Test Voltage/ Freq: | /                               |
| Receipt No:         | 170419036                       |
| Report No:          |                                 |
| Result:             | Pass                            |
| Comment:            | Test distance is 3m; Horizontal |

|                  |            |
|------------------|------------|
| Subrange 1       |            |
| Frequency range: | 30-1000MHz |
| Receiver:        | ESCI 3     |
| Transducer:      | VULB9168   |



Tested by: *Mark Luo*  
20251111

Reviewed by: *Jacky Chen*  
20251112

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### Limit and Margin

| Frequency<br>(MHz) | QuasiPeak<br>(dBµV/m) | Meas. Time<br>(ms) | Bandwidth<br>(kHz) | Pol | Corr.<br>(dB/m) | Margin<br>- QPK<br>(dB) | Limit -<br>QPK<br>(dBµV/m) |
|--------------------|-----------------------|--------------------|--------------------|-----|-----------------|-------------------------|----------------------------|
| 32.920000          | 16.3                  | 1000.0             | 120.000            | H   | 19.5            | 23.7                    | 40.0                       |
| 53.280000          | 17.2                  | 1000.0             | 120.000            | H   | 20.7            | 22.8                    | 40.0                       |
| 146.280000         | 17.5                  | 1000.0             | 120.000            | H   | 21.1            | 26.0                    | 43.5                       |
| 167.000000         | 16.9                  | 1000.0             | 120.000            | H   | 20.8            | 26.6                    | 43.5                       |
| 616.960000         | 27.6                  | 1000.0             | 120.000            | H   | 30.5            | 18.4                    | 46.0                       |
| 795.680000         | 30.6                  | 1000.0             | 120.000            | H   | 33.4            | 15.4                    | 46.0                       |

Tested by:

Mark Luo

20251111

Reviewed by:

Jacky Chen

20251112

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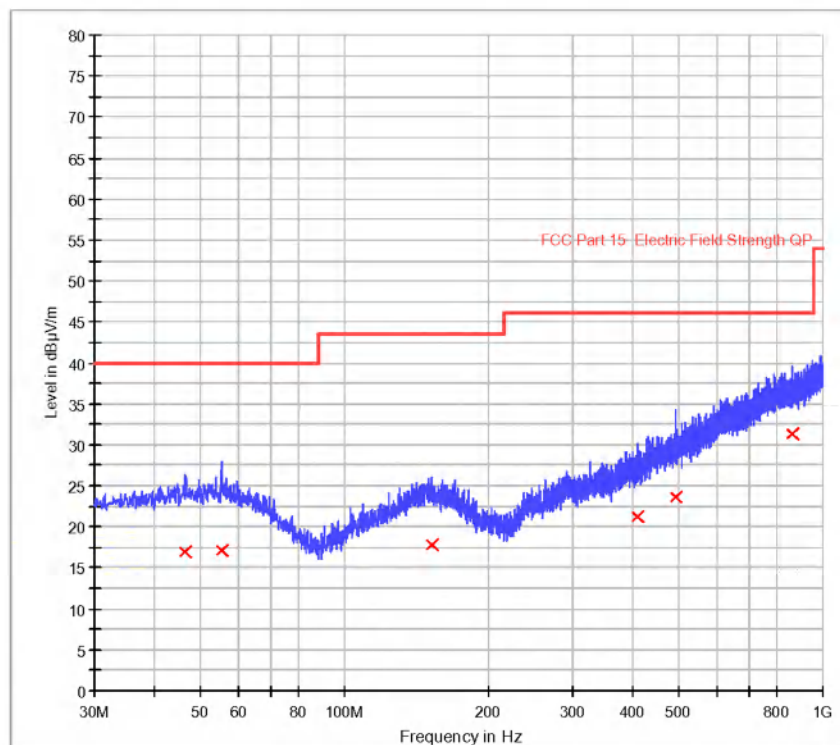
EMC Test Service Hotline: +86-20-28391188

## EMC Test Record (Emission)

### Common Information

Manufacturer:  
Test Item: E-BIKE  
Identification: T09  
Test Standard: FCC Part 15  
Test Detail: Radiated Emission  
Operation Mode: BLE LOW  
Climate Condition: 26 °C, 53 %, 101kPa  
Test Voltage/ Freq: /  
Receipt No: 170419036  
Report No:  
Result: Pass  
Comment: Test distance is 3m; Vertical

Subrange 1  
Frequency range: 30-1000MHz  
Receiver: ESCI 3  
Transducer: VULB9168



Tested by: *Mark Luo* 20251111  
Reviewed by: *Jacky Chen* 20251112

TUV Rheinland (Guangdong) Ltd.

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### Limit and Margin

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV/m) | Meas. Time<br>(ms) | Bandwidth<br>(kHz) | Pol | Corr.<br>(dB/m) | Margin<br>- QPK<br>(dB) | Limit -<br>QPK<br>(dBμV/m) |
|--------------------|-----------------------|--------------------|--------------------|-----|-----------------|-------------------------|----------------------------|
| 46.480000          | 17.0                  | 1000.0             | 120.000            | V   | 20.7            | 23.0                    | 40.0                       |
| 55.200000          | 17.2                  | 1000.0             | 120.000            | V   | 20.7            | 22.8                    | 40.0                       |
| 152.480000         | 17.8                  | 1000.0             | 120.000            | V   | 21.3            | 25.7                    | 43.5                       |
| 409.640000         | 21.2                  | 1000.0             | 120.000            | V   | 24.9            | 24.8                    | 46.0                       |
| 492.560000         | 23.6                  | 1000.0             | 120.000            | V   | 27.3            | 22.4                    | 46.0                       |
| 863.240000         | 31.3                  | 1000.0             | 120.000            | V   | 34.0            | 14.7                    | 46.0                       |

Tested by:

Mark Luo

20251111

Reviewed by:

Jacky Chen

20251112

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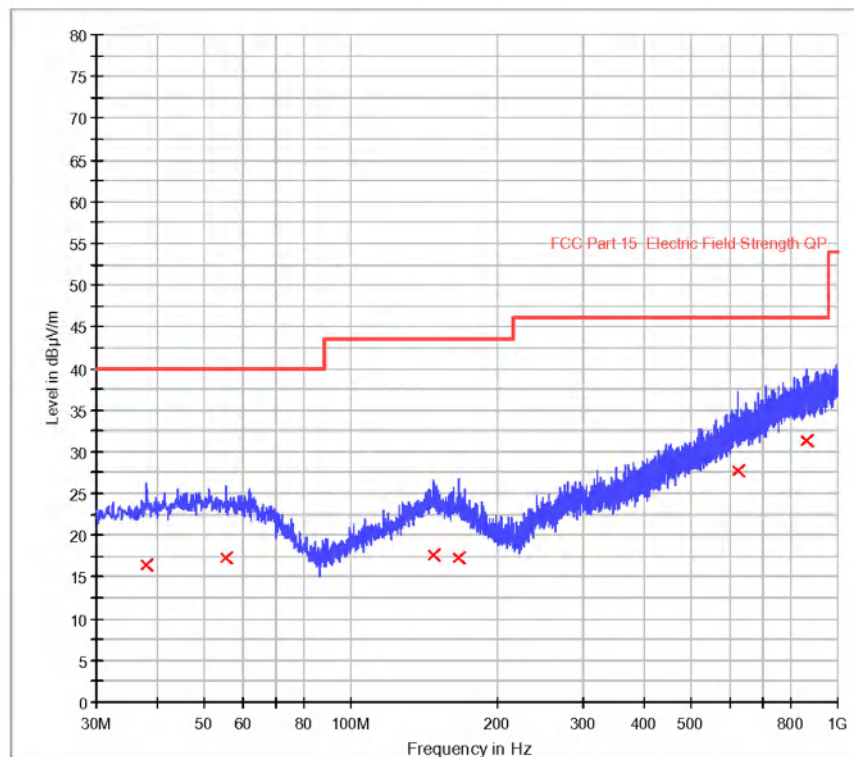
EMC Test Service Hotline: +86-20-28391188

## EMC Test Record (Emission)

### Common Information

|                     |                                 |
|---------------------|---------------------------------|
| Manufacturer:       |                                 |
| Test Item:          | E-BIKE                          |
| Identification:     | T09                             |
| Test Standard:      | FCC Part 15                     |
| Test Detail:        | Radiated Emission               |
| Operation Mode:     | BLE MID                         |
| Climate Condition:  | 26 °C, 53 %, 101kPa             |
| Test Voltage/ Freq: | /                               |
| Receipt No:         | 170419036                       |
| Report No:          |                                 |
| Result:             | Pass                            |
| Comment:            | Test distance is 3m; Horizontal |

|                  |            |
|------------------|------------|
| Subrange 1       |            |
| Frequency range: | 30-1000MHz |
| Receiver:        | ESCI 3     |
| Transducer:      | VULB9168   |



|            |          |              |            |
|------------|----------|--------------|------------|
| Tested by: | Mark Luo | Reviewed by: | Jacky Chen |
|            | 20251111 |              | 20251112   |

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

### Limit and Margin

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV/m) | Meas. Time<br>(ms) | Bandwidth<br>(kHz) | Pol | Corr.<br>(dB/m) | Margin<br>- QPK<br>(dB) | Limit -<br>QPK<br>(dBμV/m) |
|--------------------|-----------------------|--------------------|--------------------|-----|-----------------|-------------------------|----------------------------|
| 38.120000          | 16.5                  | 1000.0             | 120.000            | H   | 19.9            | 23.5                    | 40.0                       |
| 55.360000          | 17.2                  | 1000.0             | 120.000            | H   | 20.7            | 22.8                    | 40.0                       |
| 148.200000         | 17.7                  | 1000.0             | 120.000            | H   | 21.2            | 25.8                    | 43.5                       |
| 166.280000         | 17.2                  | 1000.0             | 120.000            | H   | 20.8            | 26.3                    | 43.5                       |
| 624.600000         | 27.8                  | 1000.0             | 120.000            | H   | 30.6            | 18.2                    | 46.0                       |
| 865.760000         | 31.3                  | 1000.0             | 120.000            | H   | 34.0            | 14.7                    | 46.0                       |

Tested by:

*Mark Luo*

20251111

Reviewed by:

*Jacky Chen*

20251112

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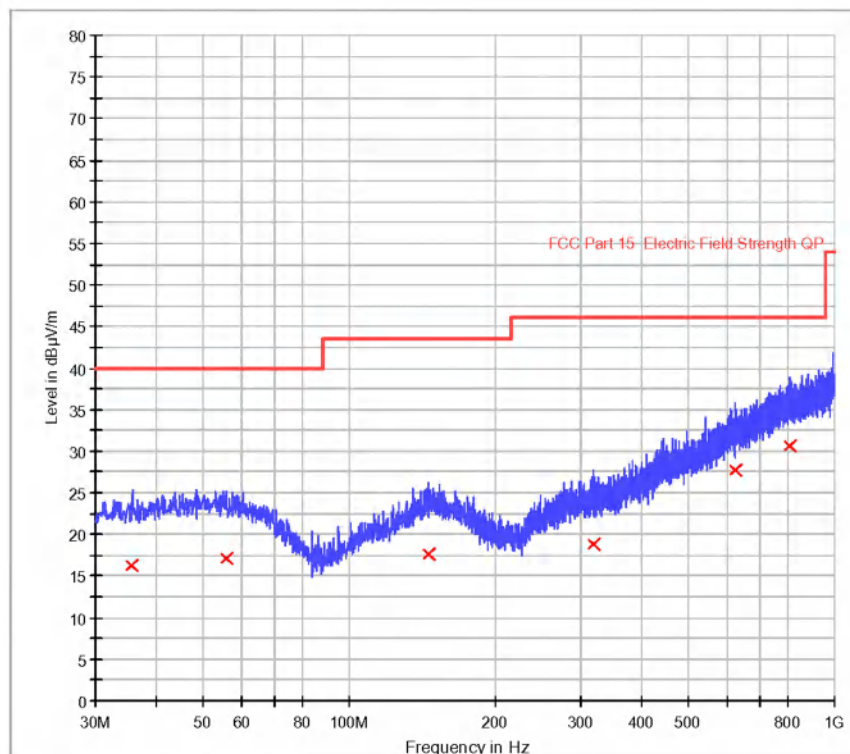
EMC Test Service Hotline: +86-20-28391188

## EMC Test Record (Emission)

### Common Information

Manufacturer:  
Test Item: E-BIKE  
Identification: T09  
Test Standard: FCC Part 15  
Test Detail: Radiated Emission  
Operation Mode: BLE MID  
Climate Condition: 26 °C, 53 %, 101kPa  
Test Voltage/ Freq: /  
Receipt No: 170419036  
Report No:  
Result: Pass  
Comment: Test distance is 3m; Vertical

Subrange 1  
Frequency range: 30-1000MHz  
Receiver: ESCI 3  
Transducer: VULB9168



Tested by: Mark Luo  
20251111

Reviewed by: Jacky Chen  
20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

### Limit and Margin

| Frequency<br>(MHz) | QuasiPeak<br>(dBμV/m) | Meas. Time<br>(ms) | Bandwidth<br>(kHz) | Pol | Corr.<br>(dB/m) | Margin<br>- QPK<br>(dB) | Limit -<br>QPK<br>(dBμV/m) |
|--------------------|-----------------------|--------------------|--------------------|-----|-----------------|-------------------------|----------------------------|
| 35.680000          | 16.2                  | 1000.0             | 120.000            | V   | 19.8            | 23.8                    | 40.0                       |
| 55.600000          | 17.2                  | 1000.0             | 120.000            | V   | 20.6            | 22.8                    | 40.0                       |
| 145.560000         | 17.6                  | 1000.0             | 120.000            | V   | 21.1            | 25.9                    | 43.5                       |
| 317.960000         | 18.8                  | 1000.0             | 120.000            | V   | 22.6            | 27.2                    | 46.0                       |
| 625.320000         | 27.8                  | 1000.0             | 120.000            | V   | 30.6            | 18.2                    | 46.0                       |
| 808.080000         | 30.6                  | 1000.0             | 120.000            | V   | 33.5            | 15.4                    | 46.0                       |

Tested by:

Mark Luo

20251111

Reviewed by:

Jacky Chen

20251112

1GHz - 18GHz

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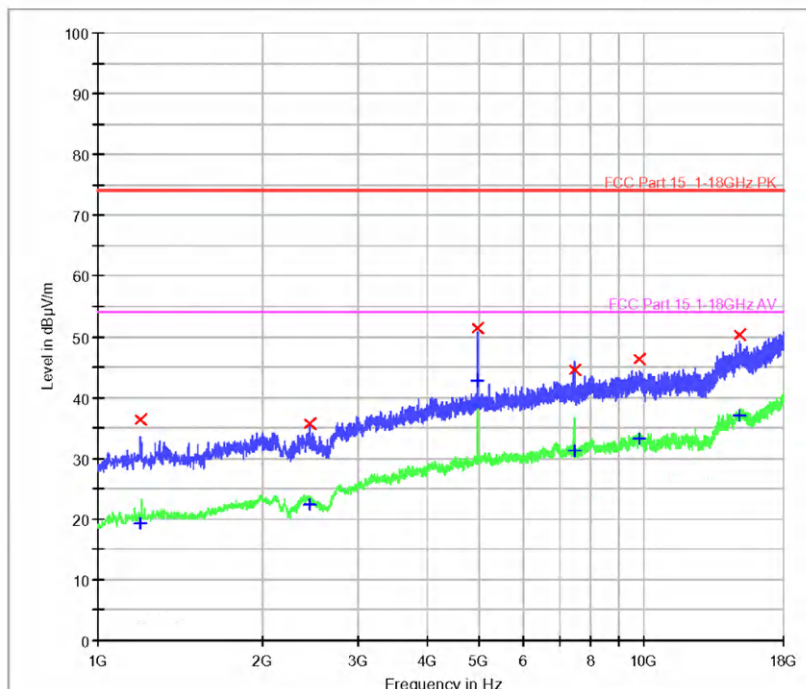
EMC Test Service Hotline: +86-20-28391188

## EMC Test Record (Emission)

### Common Information

|                     |                                        |
|---------------------|----------------------------------------|
| Manufacturer:       |                                        |
| Test Item:          | E-BIKE                                 |
| Identification:     | T09                                    |
| Test Standard:      | FCC Part 15                            |
| Test Detail:        | Radiated Emission                      |
| Operation Mode:     | BLE HIGH                               |
| Climate Condition:  | 26 °C, 53 %, 101kPa                    |
| Test Voltage/ Freq: | /                                      |
| Receipt No:         | 170419036                              |
| Report No:          |                                        |
| Result:             | Pass                                   |
| Comment:            | Test distance is 3m; Horizontal        |
| Subrange 1          |                                        |
| Frequency Range:    | 1GHz-18GHz                             |
| Receiver:           | TUV FSP30                              |
| Transducer:         | TUV SAC HF907/ TUV FSP30-TUV SAC HF907 |

EMCTT\_EREFO11-A02-05\_1GHz-18GHz\_With PreAMP EXT



Tested by: *Mark Luo* 20251110 Reviewed by: *Jacky Chen* 20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

### Limit and Margin PK

| Frequency (MHz) | MaxPeak (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - PK+ (dB) | Limit - PK+ (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 1195.500000     | 36.4             | 1000.0          | 1000.000        | H   | -24.0        | 37.7              | 74.0                 |
| 2443.000000     | 35.7             | 1000.0          | 1000.000        | H   | -19.1        | 38.3              | 74.0                 |
| 4961.000000     | 51.4             | 1000.0          | 1000.000        | H   | -11.8        | 22.6              | 74.0                 |
| 7443.000000     | 44.6             | 1000.0          | 1000.000        | H   | -8.9         | 29.5              | 74.0                 |
| 9812.500000     | 46.4             | 1000.0          | 1000.000        | H   | -6.3         | 27.6              | 74.0                 |
| 14914.500000    | 50.2             | 1000.0          | 1000.000        | H   | -2.1         | 23.8              | 74.0                 |

### Limit and Margin AV

| Frequency (MHz) | Average (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 1195.500000     | 19.4             | 1000.0          | 1000.000        | H   | -24.0        | 34.7              | 54.0                 |
| 2443.000000     | 22.4             | 1000.0          | 1000.000        | H   | -19.1        | 31.6              | 54.0                 |
| 4961.000000     | 42.8             | 1000.0          | 1000.000        | H   | -11.8        | 11.2              | 54.0                 |
| 7443.000000     | 31.4             | 1000.0          | 1000.000        | H   | -8.9         | 22.7              | 54.0                 |
| 9812.500000     | 33.3             | 1000.0          | 1000.000        | H   | -6.3         | 20.7              | 54.0                 |
| 14914.500000    | 37.0             | 1000.0          | 1000.000        | H   | -2.1         | 17.0              | 54.0                 |

Tested by:

Mark Luo

20251110

Reviewed by:

Jacky Chen

20251112

TUV Rheinland (Guangdong) Ltd.

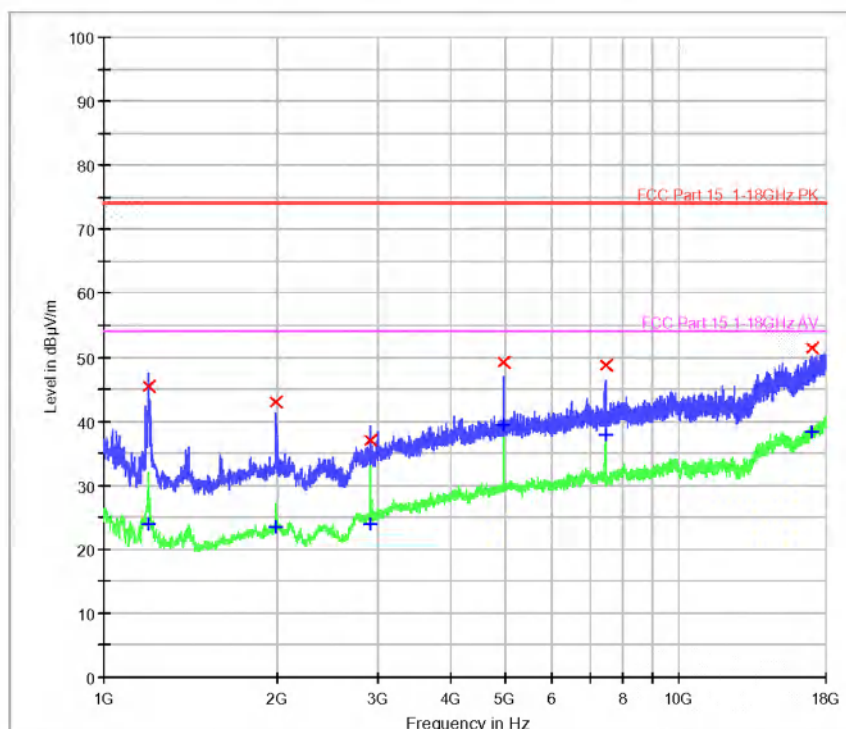
EMC Test Service Hotline: +86-20-28391188

## EMC Test Record (Emission)

### Common Information

|                     |                                        |
|---------------------|----------------------------------------|
| Manufacturer:       |                                        |
| Test Item:          | E-BIKE                                 |
| Identification:     | T09                                    |
| Test Standard:      | FCC Part 15                            |
| Test Detail:        | Radiated Emission                      |
| Operation Mode:     | BLE HIGH                               |
| Climate Condition:  | 26 °C, 53 %, 101kPa                    |
| Test Voltage/ Freq: | /                                      |
| Receipt No:         | 170419036                              |
| Report No:          |                                        |
| Result:             | Pass                                   |
| Comment:            | Test distance is 3m; Vertical          |
| Subrange 1          |                                        |
| Frequency Range:    | 1GHz-18GHz                             |
| Receiver:           | TUV FSP30                              |
| Transducer:         | TUV SAC HF907/ TUV FSP30-TUV SAC HF907 |

EMCTT\_ERE011-A02-05\_1GHz-18GHz\_With PreAMP EXT



|            |          |              |            |
|------------|----------|--------------|------------|
| Tested by: | Mark Luo | Reviewed by: | Jacky Chen |
|            | 20251110 |              | 20251112   |

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

### Limit and Margin PK

| Frequency (MHz) | MaxPeak (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - PK+ (dB) | Limit - PK+ (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 1193.500000     | 45.5             | 1000.0          | 1000.000        | V   | -24.0        | 28.6              | 74.0                 |
| 1992.500000     | 43.0             | 1000.0          | 1000.000        | V   | -20.7        | 31.0              | 74.0                 |
| 2908.000000     | 37.1             | 1000.0          | 1000.000        | V   | -17.3        | 36.9              | 74.0                 |
| 4959.000000     | 49.2             | 1000.0          | 1000.000        | V   | -11.8        | 24.8              | 74.0                 |
| 7438.500000     | 48.8             | 1000.0          | 1000.000        | V   | -8.9         | 25.2              | 74.0                 |
| 16992.500000    | 51.5             | 1000.0          | 1000.000        | V   | 0.8          | 22.6              | 74.0                 |

### Limit and Margin AV

| Frequency (MHz) | Average (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 1193.500000     | 24.0             | 1000.0          | 1000.000        | V   | -24.0        | 30.0              | 54.0                 |
| 1992.500000     | 23.6             | 1000.0          | 1000.000        | V   | -20.7        | 30.4              | 54.0                 |
| 2908.000000     | 23.9             | 1000.0          | 1000.000        | V   | -17.3        | 30.1              | 54.0                 |
| 4959.000000     | 39.5             | 1000.0          | 1000.000        | V   | -11.8        | 14.5              | 54.0                 |
| 7438.500000     | 37.9             | 1000.0          | 1000.000        | V   | -8.9         | 16.1              | 54.0                 |
| 16992.500000    | 38.3             | 1000.0          | 1000.000        | V   | 0.8          | 15.7              | 54.0                 |

Tested by:  Mark Luo  
20251110

Reviewed by:  Jacky Chen  
20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

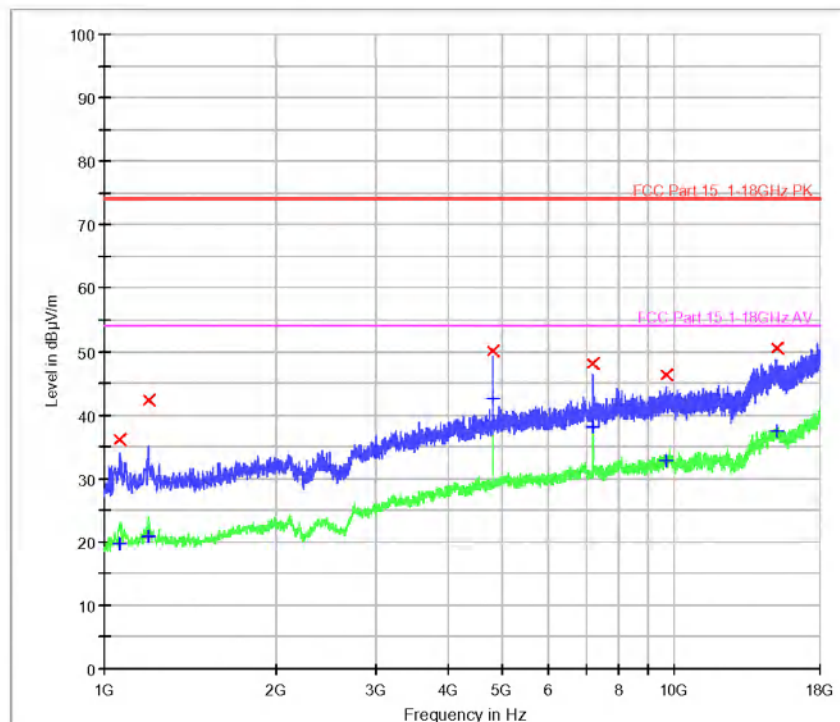
## EMC Test Record (Emission)

### Common Information

Manufacturer:  
Test Item: E-BIKE  
Identification: T09  
Test Standard: FCC Part 15  
Test Detail: Radiated Emission  
Operation Mode: BLE LOW  
Climate Condition: 26 °C, 53 %, 101kPa  
Test Voltage/ Freq: /  
Receipt No: 170419036  
Report No:  
Result: Pass  
Comment: Test distance is 3m; Horizontal

Subrange 1  
Frequency Range: 1GHz-18GHz  
Receiver: TUV FSP30  
Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT\_ERE011-A02-05\_1GHz-18GHz\_With PreAMP EXT



Tested by: *Mark Luo* 20251110  
Reviewed by: *Jacky Chen* 20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

### Limit and Margin PK

| Frequency (MHz) | MaxPeak (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - PK+ (dB) | Limit - PK+ (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 1066.000000     | 36.2             | 1000.0          | 1000.000        | H   | -24.6        | 37.8              | 74.0                 |
| 1199.500000     | 42.5             | 1000.0          | 1000.000        | H   | -24.0        | 31.6              | 74.0                 |
| 4803.500000     | 50.2             | 1000.0          | 1000.000        | H   | -12.2        | 23.8              | 74.0                 |
| 7207.000000     | 48.2             | 1000.0          | 1000.000        | H   | -8.7         | 25.8              | 74.0                 |
| 9697.500000     | 46.2             | 1000.0          | 1000.000        | H   | -6.3         | 27.8              | 74.0                 |
| 15131.000000    | 50.6             | 1000.0          | 1000.000        | H   | -1.9         | 23.4              | 74.0                 |

### Limit and Margin AV

| Frequency (MHz) | Average (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 1066.000000     | 19.8             | 1000.0          | 1000.000        | H   | -24.6        | 34.2              | 54.0                 |
| 1199.500000     | 20.8             | 1000.0          | 1000.000        | H   | -24.0        | 33.2              | 54.0                 |
| 4803.500000     | 42.7             | 1000.0          | 1000.000        | H   | -12.2        | 11.4              | 54.0                 |
| 7207.000000     | 38.1             | 1000.0          | 1000.000        | H   | -8.7         | 15.9              | 54.0                 |
| 9697.500000     | 32.8             | 1000.0          | 1000.000        | H   | -6.3         | 21.3              | 54.0                 |
| 15131.000000    | 37.4             | 1000.0          | 1000.000        | H   | -1.9         | 16.6              | 54.0                 |

Tested by:

Mark Luo

20251110

Reviewed by:

Jacky Chen

20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

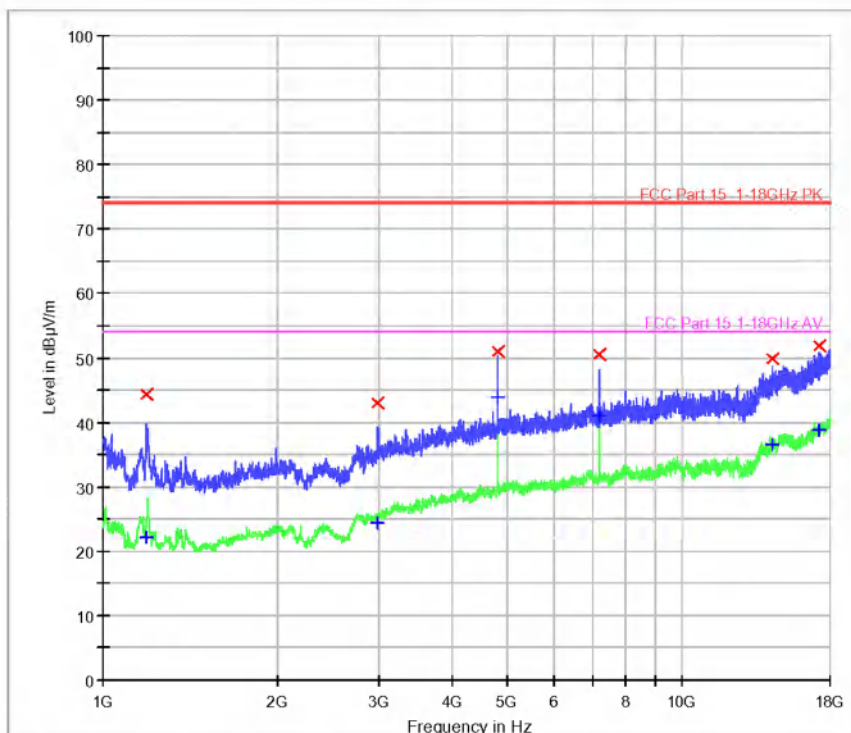
## EMC Test Record (Emission)

### Common Information

Manufacturer:  
Test Item: E-BIKE  
Identification: T09  
Test Standard: FCC Part 15  
Test Detail: Radiated Emission  
Operation Mode: BLE  
Climate Condition: 26 °C, 53 %, 101kPa  
Test Voltage/ Freq: /  
Receipt No: 170419036  
Report No:  
Result: Pass  
Comment: Test distance is 3m; Vertical

Subrange 1  
Frequency Range: 1GHz-18GHz  
Receiver: TUV FSP30  
Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT\_EREFO11-A02-05\_1GHz-18GHz\_With PreAMP EXT



Tested by: *Mark Luo* 20251110  
Reviewed by: *Jacky Chen* 20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

### Limit and Margin PK

| Frequency (MHz) | MaxPeak (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - PK+ (dB) | Limit - PK+ (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 1189.000000     | 44.3             | 1000.0          | 1000.000        | V   | -24.1        | 29.7              | 74.0                 |
| 2987.000000     | 43.0             | 1000.0          | 1000.000        | V   | -17.0        | 31.0              | 74.0                 |
| 4803.500000     | 51.0             | 1000.0          | 1000.000        | V   | -12.2        | 23.0              | 74.0                 |
| 7205.000000     | 50.5             | 1000.0          | 1000.000        | V   | -8.7         | 23.5              | 74.0                 |
| 14336.500000    | 49.8             | 1000.0          | 1000.000        | V   | -2.3         | 24.2              | 74.0                 |
| 17194.500000    | 51.8             | 1000.0          | 1000.000        | V   | 1.2          | 22.2              | 74.0                 |

### Limit and Margin AV

| Frequency (MHz) | Average (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 1189.000000     | 22.2             | 1000.0          | 1000.000        | V   | -24.1        | 31.8              | 54.0                 |
| 2987.000000     | 24.3             | 1000.0          | 1000.000        | V   | -17.0        | 29.7              | 54.0                 |
| 4803.500000     | 43.9             | 1000.0          | 1000.000        | V   | -12.2        | 10.2              | 54.0                 |
| 7205.000000     | 41.0             | 1000.0          | 1000.000        | V   | -8.7         | 13.1              | 54.0                 |
| 14336.500000    | 36.7             | 1000.0          | 1000.000        | V   | -2.3         | 17.3              | 54.0                 |
| 17194.500000    | 38.8             | 1000.0          | 1000.000        | V   | 1.2          | 15.2              | 54.0                 |

Tested by:

Mark Luo

20251110

Reviewed by:

Jacky Chen

20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

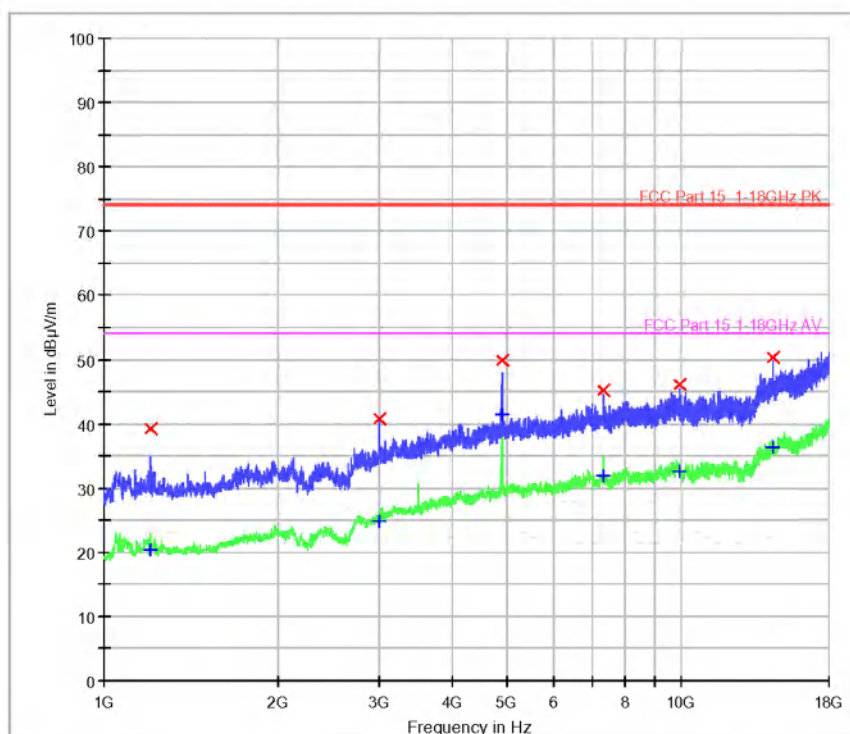
## EMC Test Record (Emission)

### Common Information

Manufacturer:  
Test Item: E-BIKE  
Identification: T09  
Test Standard: FCC Part 15  
Test Detail: Radiated Emission  
Operation Mode: BLE MID  
Climate Condition: 26 °C, 53 %, 101kPa  
Test Voltage/ Freq: /  
Receipt No: 170419036  
Report No:  
Result: Pass  
Comment: Test distance is 3m; Horizontal

Subrange 1  
Frequency Range: 1GHz-18GHz  
Receiver: TUV FSP30  
Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT\_EREFO11-A02-05\_1GHz-18GHz\_With PreAMP EXT



Tested by: *Mark Luo* 20251110  
Reviewed by: *Jacky Chen* 20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

### Limit and Margin PK

| Frequency (MHz) | MaxPeak (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - PK+ (dB) | Limit - PK+ (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 1208.000000     | 39.3             | 1000.0          | 1000.000        | H   | -24.0        | 34.7              | 74.0                 |
| 2997.500000     | 40.8             | 1000.0          | 1000.000        | H   | -17.0        | 33.2              | 74.0                 |
| 4880.000000     | 49.8             | 1000.0          | 1000.000        | H   | -12.0        | 24.2              | 74.0                 |
| 7317.500000     | 45.3             | 1000.0          | 1000.000        | H   | -8.8         | 28.7              | 74.0                 |
| 9901.500000     | 46.1             | 1000.0          | 1000.000        | H   | -6.4         | 27.9              | 74.0                 |
| 14396.000000    | 50.3             | 1000.0          | 1000.000        | H   | -2.3         | 23.7              | 74.0                 |

### Limit and Margin AV

| Frequency (MHz) | Average (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 1208.000000     | 20.4             | 1000.0          | 1000.000        | H   | -24.0        | 33.6              | 54.0                 |
| 2997.500000     | 24.7             | 1000.0          | 1000.000        | H   | -17.0        | 29.3              | 54.0                 |
| 4880.000000     | 41.4             | 1000.0          | 1000.000        | H   | -12.0        | 12.6              | 54.0                 |
| 7317.500000     | 31.8             | 1000.0          | 1000.000        | H   | -8.8         | 22.2              | 54.0                 |
| 9901.500000     | 32.6             | 1000.0          | 1000.000        | H   | -6.4         | 21.4              | 54.0                 |
| 14396.000000    | 36.4             | 1000.0          | 1000.000        | H   | -2.3         | 17.6              | 54.0                 |

Tested by: *Mark Luo* 20251110  
Reviewed by: *Jokey Chen* 20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

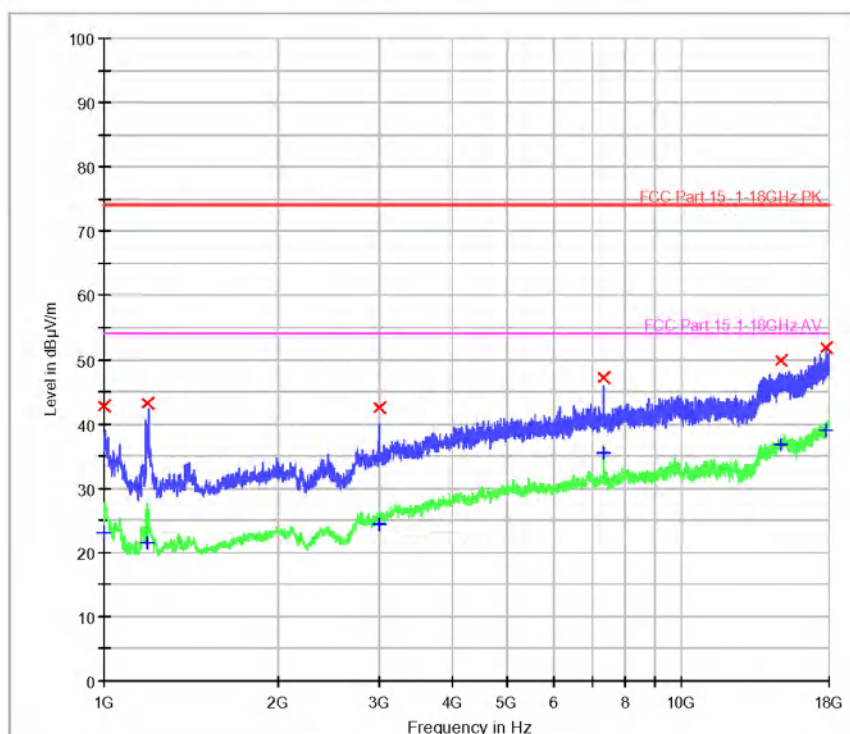
## EMC Test Record (Emission)

### Common Information

Manufacturer:  
Test Item: E-BIKE  
Identification: T09  
Test Standard: FCC Part 15  
Test Detail: Radiated Emission  
Operation Mode: BLE MID  
Climate Condition: 26 °C, 53 %, 101kPa  
Test Voltage/ Freq: /  
Receipt No: 170419036  
Report No:  
Result: Pass  
Comment: Test distance is 3m; Vertical

Subrange 1  
Frequency Range: 1GHz-18GHz  
Receiver: TUV FSP30  
Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT\_EREFO11-A02-05\_1GHz-18GHz\_With PreAMP EXT



Tested by: *Mark Luo* 20251110  
Reviewed by: *Jacky Chen* 20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

### Limit and Margin PK

| Frequency (MHz) | MaxPeak (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - PK+ (dB) | Limit - PK+ (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 1000.000000     | 42.8             | 1000.0          | 1000.000        | V   | -24.8        | 31.2              | 74.0                 |
| 1189.000000     | 43.1             | 1000.0          | 1000.000        | V   | -24.1        | 30.9              | 74.0                 |
| 2989.000000     | 42.6             | 1000.0          | 1000.000        | V   | -17.0        | 31.4              | 74.0                 |
| 7319.500000     | 47.2             | 1000.0          | 1000.000        | V   | -8.8         | 26.9              | 74.0                 |
| 14865.500000    | 49.9             | 1000.0          | 1000.000        | V   | -2.3         | 24.1              | 74.0                 |
| 17766.000000    | 51.9             | 1000.0          | 1000.000        | V   | 2.0          | 22.2              | 74.0                 |

### Limit and Margin AV

| Frequency (MHz) | Average (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 1000.000000     | 23.0             | 1000.0          | 1000.000        | V   | -24.8        | 31.0              | 54.0                 |
| 1189.000000     | 21.6             | 1000.0          | 1000.000        | V   | -24.1        | 32.4              | 54.0                 |
| 2989.000000     | 24.4             | 1000.0          | 1000.000        | V   | -17.0        | 29.7              | 54.0                 |
| 7319.500000     | 35.5             | 1000.0          | 1000.000        | V   | -8.8         | 18.5              | 54.0                 |
| 14865.500000    | 36.8             | 1000.0          | 1000.000        | V   | -2.3         | 17.2              | 54.0                 |
| 17766.000000    | 39.1             | 1000.0          | 1000.000        | V   | 2.0          | 14.9              | 54.0                 |

Tested by:

Mark Luo

20251110

Reviewed by:

Jacky Chen

20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

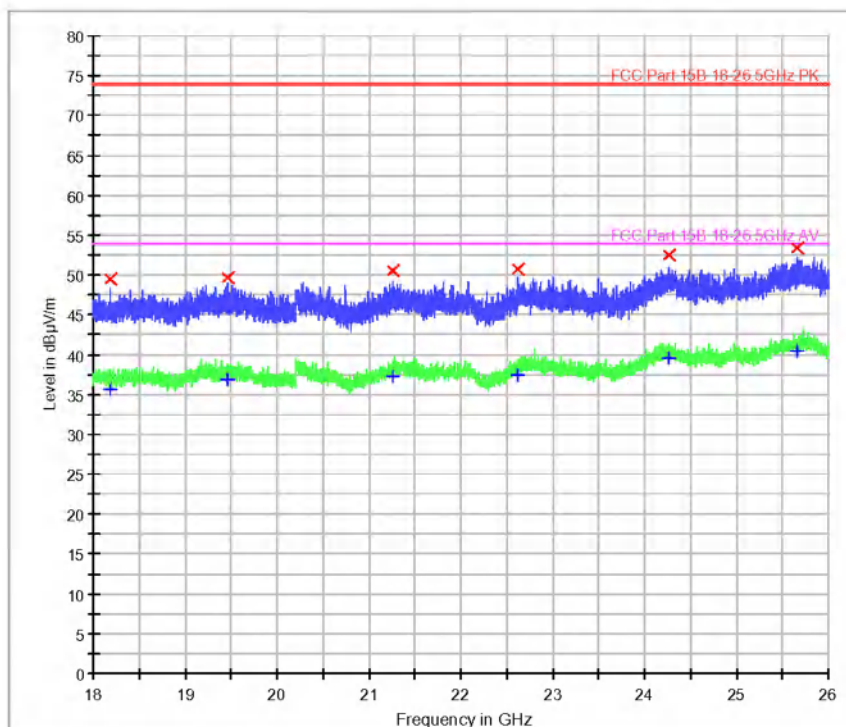
## EMC Test Record (Emission)

### Common Information

Manufacturer:  
Test Item: E-BIKE  
Identification: T09  
Test Standard: FCC Part 15  
Test Detail: Radiated Emission  
Operation Mode: BLE HIGH  
Climate Condition: 26 °C, 53 %, 101kPa  
Test Voltage/ Freq: AC 230 V / 50 Hz  
Receipt No: 170419036  
Report No:  
Result: Pass  
Comment: Test distance is 3m; Horizontal

Subrange 1  
Frequency Range: 18GHz-26GHz  
Receiver: TUV FSP30  
Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT\_EREFO11-A02-08\_18GHz-25GHz\_With PreAMP EXT



Tested by: *Mark Luo* Reviewed by: *Jody Chen*  
20251111 20251112

TUV Rheinland (Guangdong) Ltd.

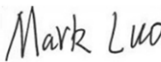
EMC Test Service Hotline: +86-20-28391188

### Limit and Margin PK

| Frequency (MHz) | MaxPeak (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - PK+ (dB) | Limit - PK+ (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 18183.000000    | 49.5             | 1000.0          | 1000.000        | H   | 3.3          | 24.5              | 74.0                 |
| 19461.000000    | 49.7             | 1000.0          | 1000.000        | H   | 4.4          | 24.3              | 74.0                 |
| 21262.000000    | 50.6             | 1000.0          | 1000.000        | H   | 4.2          | 23.4              | 74.0                 |
| 22625.000000    | 50.8             | 1000.0          | 1000.000        | H   | 5.0          | 23.2              | 74.0                 |
| 24261.000000    | 52.4             | 1000.0          | 1000.000        | H   | 5.1          | 21.6              | 74.0                 |
| 25661.000000    | 53.5             | 1000.0          | 1000.000        | H   | 6.1          | 20.5              | 74.0                 |

### Limit and Margin AV

| Frequency (MHz) | Average (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 18183.000000    | 35.7             | 1000.0          | 1000.000        | H   | 3.3          | 18.3              | 54.0                 |
| 19461.000000    | 36.9             | 1000.0          | 1000.000        | H   | 4.4          | 17.1              | 54.0                 |
| 21262.000000    | 37.3             | 1000.0          | 1000.000        | H   | 4.2          | 16.7              | 54.0                 |
| 22625.000000    | 37.4             | 1000.0          | 1000.000        | H   | 5.0          | 16.6              | 54.0                 |
| 24261.000000    | 39.5             | 1000.0          | 1000.000        | H   | 5.1          | 14.5              | 54.0                 |
| 25661.000000    | 40.4             | 1000.0          | 1000.000        | H   | 6.1          | 13.6              | 54.0                 |

Tested by:   
20251111

Reviewed by:   
20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

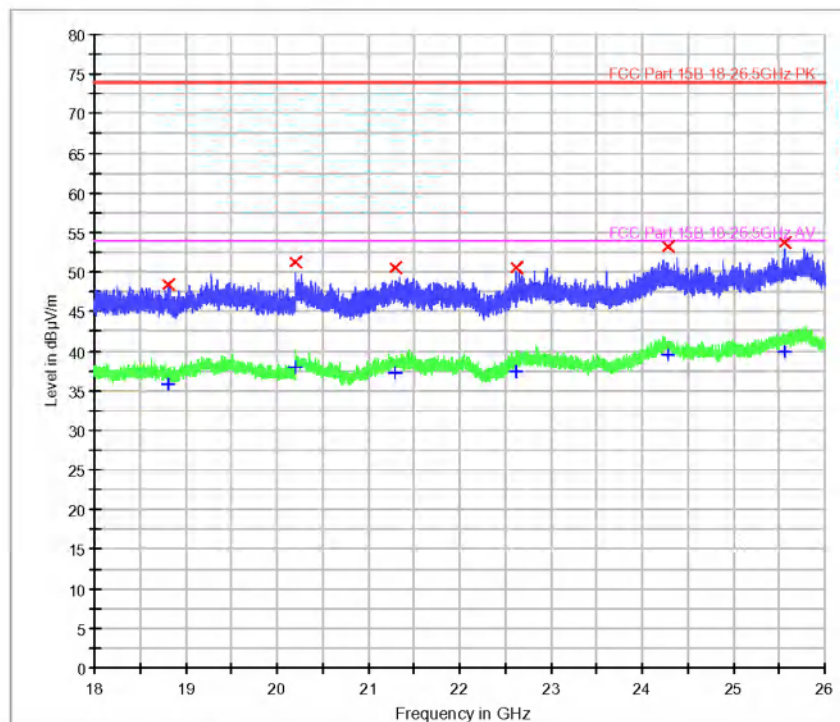
## EMC Test Record (Emission)

### Common Information

Manufacturer:  
Test Item: E-BIKE  
Identification: T09  
Test Standard: FCC Part 15  
Test Detail: Radiated Emission  
Operation Mode: BLE HIGH  
Climate Condition: 26 °C, 53 %, 101kPa  
Test Voltage/ Freq: /  
Receipt No: 170419036  
Report No:  
Result: Pass  
Comment: Test distance is 3m; Vertical

Subrange 1  
Frequency Range: 18GHz-26GHz  
Receiver: TUV FSP30  
Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT\_ERE011-A02-08\_18GHz-25GHz\_With PreAMP EXT



Tested by: Mark Luo  
20251111  
Reviewed by: Jacky Chen  
20251112

TUV Rheinland (Guangdong) Ltd.

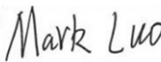
EMC Test Service Hotline: +86-20-28391188

### Limit and Margin PK

| Frequency (MHz) | MaxPeak (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - PK+ (dB) | Limit - PK+ (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 18800.000000    | 48.5             | 1000.0          | 1000.000        | V   | 4.0          | 25.5              | 74.0                 |
| 20201.000000    | 51.2             | 1000.0          | 1000.000        | V   | 4.2          | 22.8              | 74.0                 |
| 21293.000000    | 50.5             | 1000.0          | 1000.000        | V   | 4.2          | 23.5              | 74.0                 |
| 22628.000000    | 50.6             | 1000.0          | 1000.000        | V   | 5.0          | 23.4              | 74.0                 |
| 24287.000000    | 53.2             | 1000.0          | 1000.000        | V   | 5.2          | 20.8              | 74.0                 |
| 25570.000000    | 53.7             | 1000.0          | 1000.000        | V   | 6.1          | 20.3              | 74.0                 |

### Limit and Margin AV

| Frequency (MHz) | Average (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 18800.000000    | 35.9             | 1000.0          | 1000.000        | V   | 4.0          | 18.2              | 54.0                 |
| 20201.000000    | 37.9             | 1000.0          | 1000.000        | V   | 4.2          | 16.1              | 54.0                 |
| 21293.000000    | 37.3             | 1000.0          | 1000.000        | V   | 4.2          | 16.7              | 54.0                 |
| 22628.000000    | 37.5             | 1000.0          | 1000.000        | V   | 5.0          | 16.5              | 54.0                 |
| 24287.000000    | 39.5             | 1000.0          | 1000.000        | V   | 5.2          | 14.5              | 54.0                 |
| 25570.000000    | 39.9             | 1000.0          | 1000.000        | V   | 6.1          | 14.1              | 54.0                 |

Tested by:  20251111  
Reviewed by:  20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

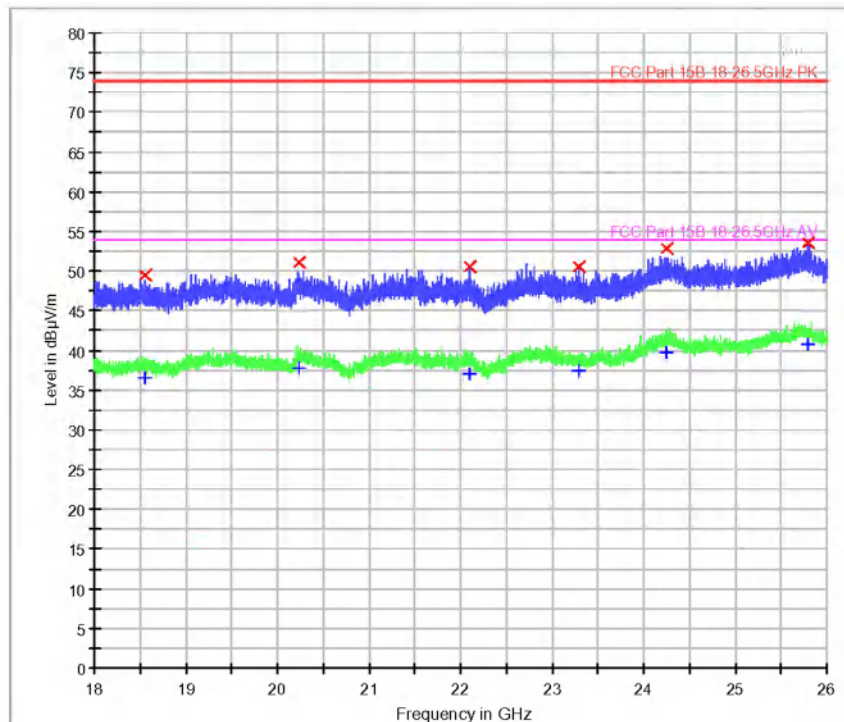
## EMC Test Record (Emission)

### Common Information

Manufacturer:  
Test Item: E-BIKE  
Identification: T09  
Test Standard: FCC Part 15  
Test Detail: Radiated Emission  
Operation Mode: BLE LOW  
Climate Condition: 26 °C, 53 %, 101kPa  
Test Voltage/ Freq: /  
Receipt No: 170419036  
Report No:  
Result: Pass  
Comment: Test distance is 3m; Horizontal

Subrange 1  
Frequency Range: 18GHz-26GHz  
Receiver: TUV FSP30  
Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT\_ERE011-A02-08\_18GHz-25GHz\_With PreAMP EXT



Tested by: *Mark Luo* 20251111  
Reviewed by: *Jacky Chen* 20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

### Limit and Margin PK

| Frequency (MHz) | MaxPeak (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - PK+ (dB) | Limit - PK+ (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 18555.000000    | 49.4             | 1000.0          | 1000.000        | H   | 3.7          | 24.6              | 74.0                 |
| 20241.000000    | 51.2             | 1000.0          | 1000.000        | H   | 4.2          | 22.8              | 74.0                 |
| 22104.000000    | 50.5             | 1000.0          | 1000.000        | H   | 4.8          | 23.5              | 74.0                 |
| 23288.000000    | 50.6             | 1000.0          | 1000.000        | H   | 4.6          | 23.4              | 74.0                 |
| 24245.000000    | 52.9             | 1000.0          | 1000.000        | H   | 5.1          | 21.1              | 74.0                 |
| 25796.000000    | 53.5             | 1000.0          | 1000.000        | H   | 6.2          | 20.5              | 74.0                 |

### Limit and Margin AV

| Frequency (MHz) | Average (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 18555.000000    | 36.5             | 1000.0          | 1000.000        | H   | 3.7          | 17.5              | 54.0                 |
| 20241.000000    | 37.8             | 1000.0          | 1000.000        | H   | 4.2          | 16.3              | 54.0                 |
| 22104.000000    | 37.1             | 1000.0          | 1000.000        | H   | 4.8          | 16.9              | 54.0                 |
| 23288.000000    | 37.4             | 1000.0          | 1000.000        | H   | 4.6          | 16.7              | 54.0                 |
| 24245.000000    | 39.8             | 1000.0          | 1000.000        | H   | 5.1          | 14.2              | 54.0                 |
| 25796.000000    | 40.7             | 1000.0          | 1000.000        | H   | 6.2          | 13.3              | 54.0                 |

Tested by:  Mark Luo  
20251111

Reviewed by:  Jacky Chen  
20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

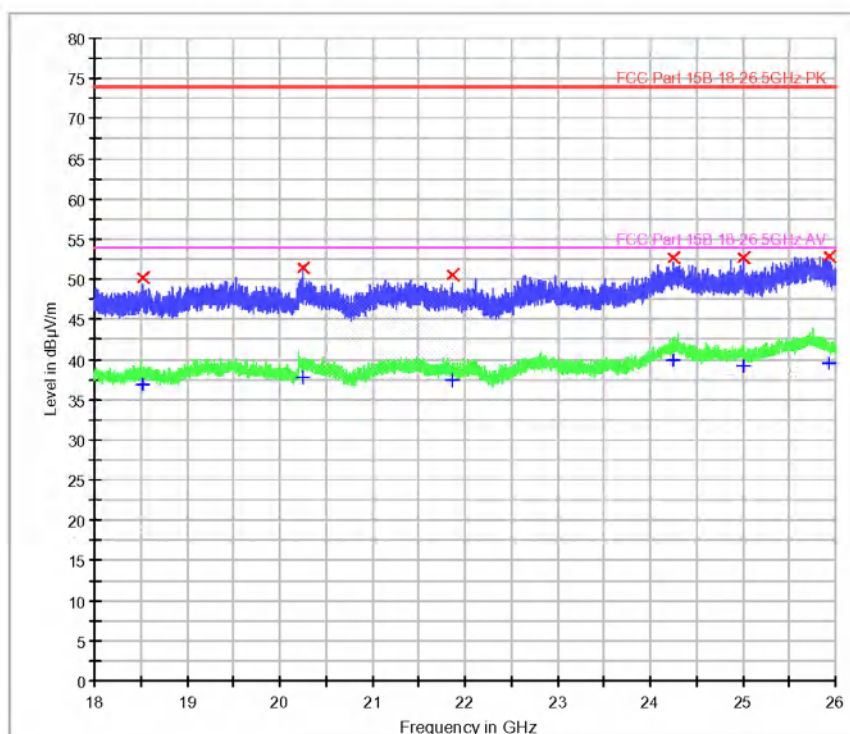
## EMC Test Record (Emission)

### Common Information

Manufacturer:  
Test Item: E-BIKE  
Identification: T09  
Test Standard: FCC Part 15  
Test Detail: Radiated Emission  
Operation Mode: BLE LOW  
Climate Condition: 26 °C, 53 %, 101kPa  
Test Voltage/ Freq: /  
Receipt No: 170419036  
Report No:  
Result: Pass  
Comment: Test distance is 3m; Vertical

Subrange 1  
Frequency Range: 18GHz-26GHz  
Receiver: TUV FSP30  
Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT\_EREFO11-A02-08\_18GHz-25GHz\_With PreAMP EXT



Tested by: *Mark Luo* 20251111  
Reviewed by: *Jacky Chen* 20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

### Limit and Margin PK

| Frequency (MHz) | MaxPeak (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - PK+ (dB) | Limit - PK+ (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 18515.000000    | 50.1             | 1000.0          | 1000.000        | V   | 3.7          | 23.9              | 74.0                 |
| 20253.000000    | 51.4             | 1000.0          | 1000.000        | V   | 4.2          | 22.6              | 74.0                 |
| 21872.000000    | 50.6             | 1000.0          | 1000.000        | V   | 4.6          | 23.4              | 74.0                 |
| 24250.000000    | 52.7             | 1000.0          | 1000.000        | V   | 5.1          | 21.3              | 74.0                 |
| 25011.000000    | 52.7             | 1000.0          | 1000.000        | V   | 5.8          | 21.3              | 74.0                 |
| 25939.000000    | 52.8             | 1000.0          | 1000.000        | V   | 6.2          | 21.2              | 74.0                 |

### Limit and Margin AV

| Frequency (MHz) | Average (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 18515.000000    | 36.9             | 1000.0          | 1000.000        | V   | 3.7          | 37.2              | 74.0                 |
| 20253.000000    | 37.8             | 1000.0          | 1000.000        | V   | 4.2          | 36.2              | 74.0                 |
| 21872.000000    | 37.4             | 1000.0          | 1000.000        | V   | 4.6          | 36.7              | 74.0                 |
| 24250.000000    | 40.0             | 1000.0          | 1000.000        | V   | 5.1          | 34.0              | 74.0                 |
| 25011.000000    | 39.3             | 1000.0          | 1000.000        | V   | 5.8          | 34.7              | 74.0                 |
| 25939.000000    | 39.6             | 1000.0          | 1000.000        | V   | 6.2          | 34.4              | 74.0                 |

Tested by: *Mark Luo*  
20251111

Reviewed by: *Jocky Chen*  
20251112

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EMC Test Service Hotline: +86-20-28391188

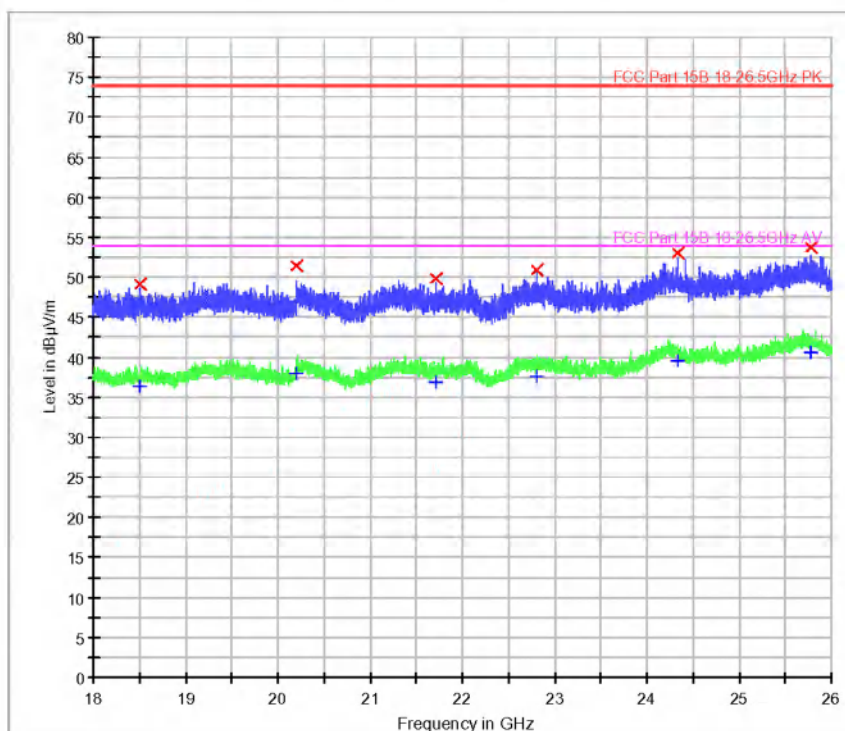
## EMC Test Record (Emission)

### Common Information

|                     |                                 |
|---------------------|---------------------------------|
| Manufacturer:       |                                 |
| Test Item:          | E-BIKE                          |
| Identification:     | T09                             |
| Test Standard:      | FCC Part 15                     |
| Test Detail:        | Radiated Emission               |
| Operation Mode:     | BLE MID                         |
| Climate Condition:  | 26 °C, 53 %, 101kPa             |
| Test Voltage/ Freq: | /                               |
| Receipt No:         | 170419036                       |
| Report No:          |                                 |
| Result:             | Pass                            |
| Comment:            | Test distance is 3m; Horizontal |

|                  |                                        |
|------------------|----------------------------------------|
| Subrange 1       |                                        |
| Frequency Range: | 18GHz-26GHz                            |
| Receiver:        | TUV FSP30                              |
| Transducer:      | TUV SAC HF907/ TUV FSP30-TUV SAC HF907 |

EMCTT\_EREf011-A02-08\_18GHz-25GHz\_With PreAMP EXT



Tested by: *Mark Luo*  
20251111

Reviewed by: *Jacky Chen*  
20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

### Limit and Margin PK

| Frequency (MHz) | MaxPeak (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - PK+ (dB) | Limit - PK+ (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 18509.000000    | 49.2             | 1000.0          | 1000.000        | H   | 3.7          | 24.8              | 74.0                 |
| 20207.000000    | 51.5             | 1000.0          | 1000.000        | H   | 4.2          | 22.5              | 74.0                 |
| 21708.000000    | 49.9             | 1000.0          | 1000.000        | H   | 4.5          | 24.1              | 74.0                 |
| 22812.000000    | 50.9             | 1000.0          | 1000.000        | H   | 4.8          | 23.1              | 74.0                 |
| 24336.000000    | 53.1             | 1000.0          | 1000.000        | H   | 5.2          | 20.9              | 74.0                 |
| 25789.000000    | 53.7             | 1000.0          | 1000.000        | H   | 6.2          | 20.3              | 74.0                 |

### Limit and Margin AV

| Frequency (MHz) | Average (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 18509.000000    | 36.4             | 1000.0          | 1000.000        | H   | 3.7          | 17.6              | 54.0                 |
| 20207.000000    | 38.0             | 1000.0          | 1000.000        | H   | 4.2          | 16.0              | 54.0                 |
| 21708.000000    | 36.9             | 1000.0          | 1000.000        | H   | 4.5          | 17.1              | 54.0                 |
| 22812.000000    | 37.7             | 1000.0          | 1000.000        | H   | 4.8          | 16.3              | 54.0                 |
| 24336.000000    | 39.5             | 1000.0          | 1000.000        | H   | 5.2          | 14.5              | 54.0                 |
| 25789.000000    | 40.6             | 1000.0          | 1000.000        | H   | 6.2          | 13.4              | 54.0                 |

Tested by:

Mark Luo

20251111

Reviewed by:

Jacky Chen

20251112

TUV Rheinland (Guangdong) Ltd.

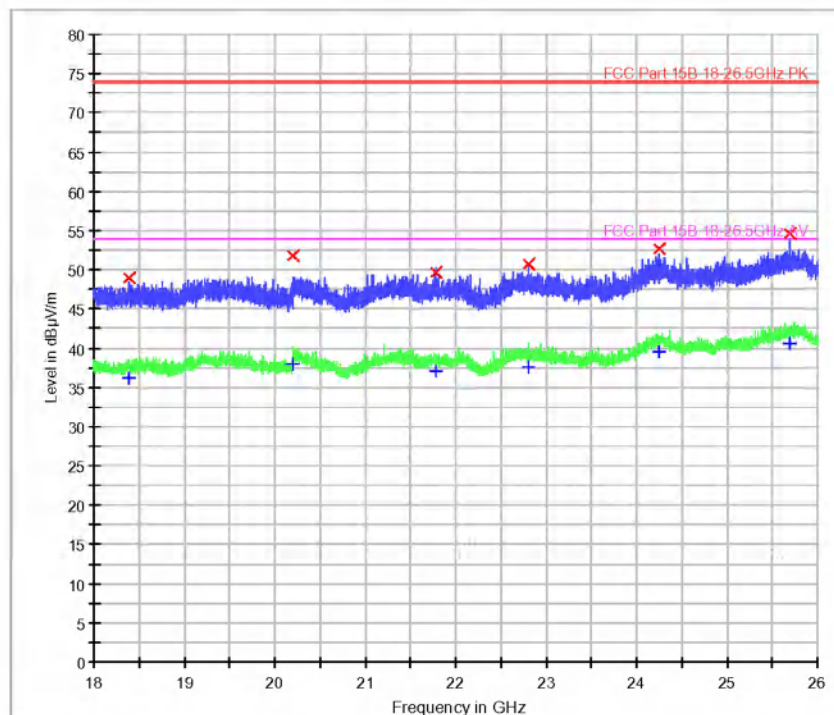
EMC Test Service Hotline: +86-20-28391188

## EMC Test Record (Emission)

### Common Information

|                     |                                        |
|---------------------|----------------------------------------|
| Manufacturer:       |                                        |
| Test Item:          | E-BIKE                                 |
| Identification:     | T09                                    |
| Test Standard:      | FCC Part 15                            |
| Test Detail:        | Radiated Emission                      |
| Operation Mode:     | BLE MID                                |
| Climate Condition:  | 26 °C, 53 %, 101kPa                    |
| Test Voltage/ Freq: | /                                      |
| Receipt No:         | 170419036                              |
| Report No:          |                                        |
| Result:             | Pass                                   |
| Comment:            | Test distance is 3m; Vertical          |
| Subrange 1          |                                        |
| Frequency Range:    | 18GHz-26GHz                            |
| Receiver:           | TUV FSP30                              |
| Transducer:         | TUV SAC HF907/ TUV FSP30-TUV SAC HF907 |

EMCTT\_ERE011-A02-08\_18GHz-25GHz\_With PreAMP EXT



Tested by: *Mark Luo* 20251111  
Reviewed by: *Jacky Chen* 20251112

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

### Limit and Margin PK

| Frequency (MHz) | MaxPeak (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - PK+ (dB) | Limit - PK+ (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 18382.000000    | 49.0             | 1000.0          | 1000.000        | V   | 3.5          | 25.0              | 74.0                 |
| 20204.000000    | 51.8             | 1000.0          | 1000.000        | V   | 4.2          | 22.2              | 74.0                 |
| 21776.000000    | 49.7             | 1000.0          | 1000.000        | V   | 4.6          | 24.3              | 74.0                 |
| 22812.000000    | 50.8             | 1000.0          | 1000.000        | V   | 4.8          | 23.2              | 74.0                 |
| 24247.000000    | 52.7             | 1000.0          | 1000.000        | V   | 5.1          | 21.3              | 74.0                 |
| 25699.000000    | 54.7             | 1000.0          | 1000.000        | V   | 6.0          | 19.3              | 74.0                 |

### Limit and Margin AV

| Frequency (MHz) | Average (dBμV/m) | Meas. Time (ms) | Bandwidth (kHz) | Pol | Corr. (dB/m) | Margin - AVG (dB) | Limit - AVG (dBμV/m) |
|-----------------|------------------|-----------------|-----------------|-----|--------------|-------------------|----------------------|
| 18382.000000    | 36.2             | 1000.0          | 1000.000        | V   | 3.5          | 17.8              | 54.0                 |
| 20204.000000    | 37.9             | 1000.0          | 1000.000        | V   | 4.2          | 16.1              | 54.0                 |
| 21776.000000    | 37.1             | 1000.0          | 1000.000        | V   | 4.6          | 17.0              | 54.0                 |
| 22812.000000    | 37.6             | 1000.0          | 1000.000        | V   | 4.8          | 16.4              | 54.0                 |
| 24247.000000    | 39.6             | 1000.0          | 1000.000        | V   | 5.1          | 14.4              | 54.0                 |
| 25699.000000    | 40.6             | 1000.0          | 1000.000        | V   | 6.0          | 13.4              | 54.0                 |

Tested by: *Mark Luo* 20251111  
Reviewed by: *Jacky Chen* 20251112

Note: The highest waveform in the figure is Bluetooth Fundamental.

## Appendix B.6: Test Results of Radiated Emissions in Restricted Bands

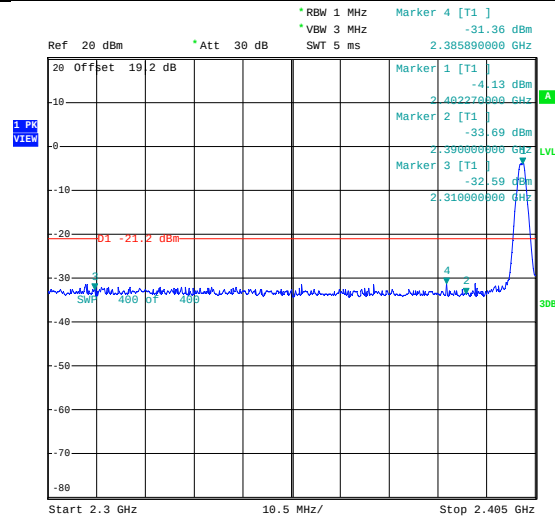
### Test Result

| TestMode | Antenna | Channel Name | Frequency [MHz] | Detector | Freq [MHz] | Result [dBm] | Limit [dBm] | Result [dBuV/m] | Limit [dBuV/m] | Verdict |
|----------|---------|--------------|-----------------|----------|------------|--------------|-------------|-----------------|----------------|---------|
| BLE 1M   | Ant1    | Low          | 2402            | Peak     | 2390.000   | -33.69       | ≤-21.20     | 61.51           | ≤74            | PASS    |
| BLE 1M   | Ant1    | Low          | 2402            | Peak     | 2310.000   | -32.59       | ≤-21.20     | 62.61           | ≤74            | PASS    |
| BLE 1M   | Ant1    | Low          | 2402            | Peak     | 2385.890   | -31.36       | ≤-21.20     | 63.84           | ≤74            | PASS    |
| BLE 1M   | Ant1    | Low          | 2402            | AV       | 2390.000   | -45.03       | ≤-41.20     | 50.17           | ≤54            | PASS    |
| BLE 1M   | Ant1    | Low          | 2402            | AV       | 2310.000   | -44.65       | ≤-41.20     | 50.55           | ≤54            | PASS    |
| BLE 1M   | Ant1    | Low          | 2402            | AV       | 2324.360   | -44.27       | ≤-41.20     | 50.93           | ≤54            | PASS    |
| BLE 1M   | Ant1    | High         | 2480            | Peak     | 2483.500   | -31.47       | ≤-21.20     | 63.73           | ≤74            | PASS    |
| BLE 1M   | Ant1    | High         | 2480            | Peak     | 2500.000   | -34.44       | ≤-21.20     | 60.76           | ≤74            | PASS    |
| BLE 1M   | Ant1    | High         | 2480            | Peak     | 2483.600   | -31.31       | ≤-21.20     | 63.89           | ≤74            | PASS    |
| BLE 1M   | Ant1    | High         | 2480            | AV       | 2483.500   | -41.64       | ≤-41.20     | 53.56           | ≤54            | PASS    |
| BLE 1M   | Ant1    | High         | 2480            | AV       | 2500.000   | -45.42       | ≤-41.20     | 49.78           | ≤54            | PASS    |
| BLE 1M   | Ant1    | High         | 2480            | AV       | 2483.600   | -42.35       | ≤-41.20     | 52.85           | ≤54            | PASS    |
| BLE 2M   | Ant1    | Low          | 2402            | Peak     | 2390.000   | -34.03       | ≤-21.20     | 61.17           | ≤74            | PASS    |
| BLE 2M   | Ant1    | Low          | 2402            | Peak     | 2310.000   | -33.02       | ≤-21.20     | 62.18           | ≤74            | PASS    |
| BLE 2M   | Ant1    | Low          | 2402            | Peak     | 2329.190   | -31.6        | ≤-21.20     | 63.60           | ≤74            | PASS    |
| BLE 2M   | Ant1    | Low          | 2402            | AV       | 2390.000   | -45.15       | ≤-41.20     | 50.05           | ≤54            | PASS    |
| BLE 2M   | Ant1    | Low          | 2402            | AV       | 2310.000   | -44.4        | ≤-41.20     | 50.80           | ≤54            | PASS    |
| BLE 2M   | Ant1    | Low          | 2402            | AV       | 2337.800   | -44.18       | ≤-41.20     | 51.02           | ≤54            | PASS    |
| BLE 2M   | Ant1    | High         | 2480            | Peak     | 2483.500   | -28.03       | ≤-21.20     | 67.17           | ≤74            | PASS    |
| BLE 2M   | Ant1    | High         | 2480            | Peak     | 2500.000   | -33.97       | ≤-21.20     | 61.23           | ≤74            | PASS    |
| BLE 2M   | Ant1    | High         | 2480            | Peak     | 2483.760   | -28.63       | ≤-21.20     | 66.57           | ≤74            | PASS    |
| BLE 2M   | Ant1    | High         | 2480            | AV       | 2483.500   | -42.47       | ≤-41.20     | 52.73           | ≤54            | PASS    |
| BLE 2M   | Ant1    | High         | 2480            | AV       | 2500.000   | -74.81       | ≤-41.20     | 20.39           | ≤54            | PASS    |
| BLE 2M   | Ant1    | High         | 2480            | AV       | 2483.600   | -43.42       | ≤-41.20     | 51.78           | ≤54            | PASS    |

Note:

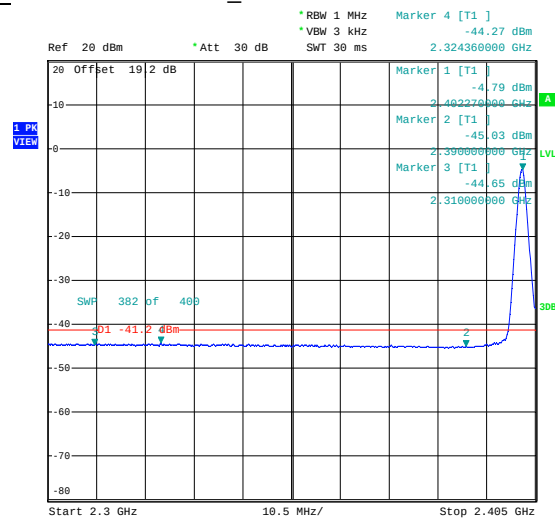
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

## Test Graphs



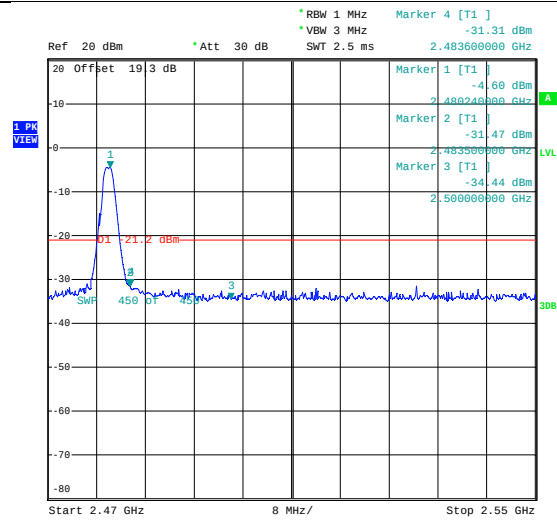
Date: 13.NOV.2025 12:46:11

### BLE\_1M-Ant1-2402-PASS



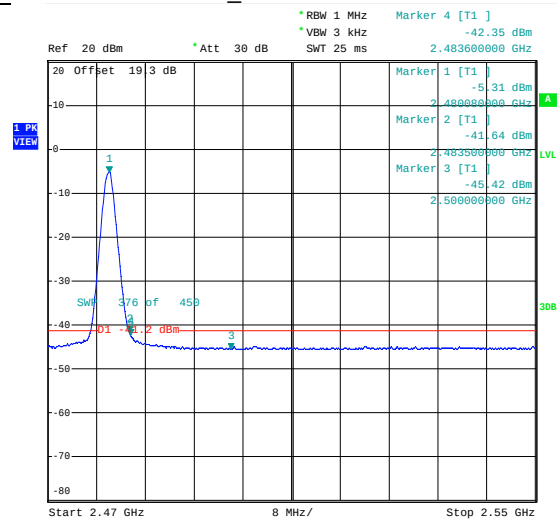
Date: 13.NOV.2025 12:46:33

### BLE\_1M-Ant1-2402-PASS



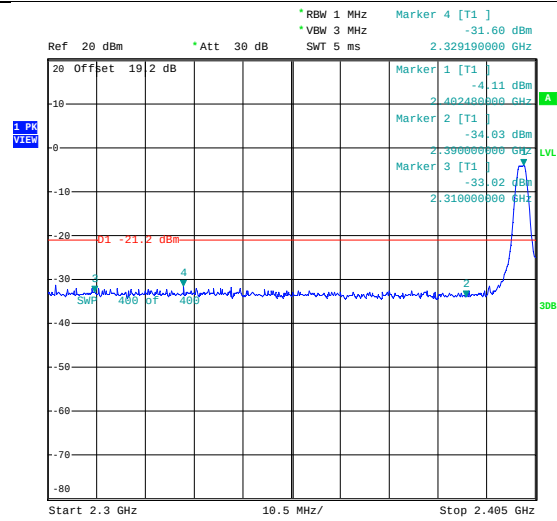
Date: 13.NOV.2025 12:58:10

BLE\_1M-Ant1-2480-PASS



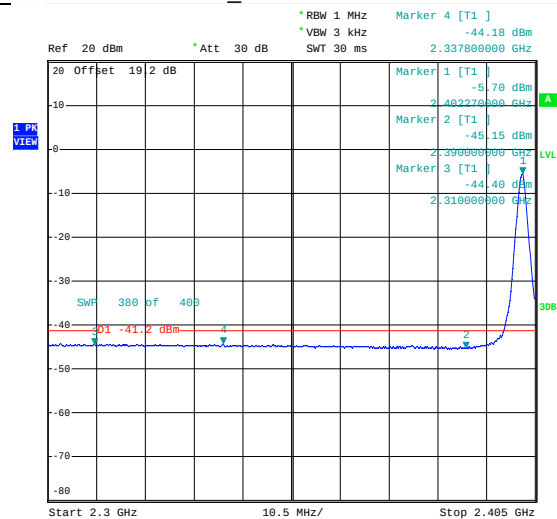
Date: 13.NOV.2025 12:58:32

BLE\_1M-Ant1-2480-PASS



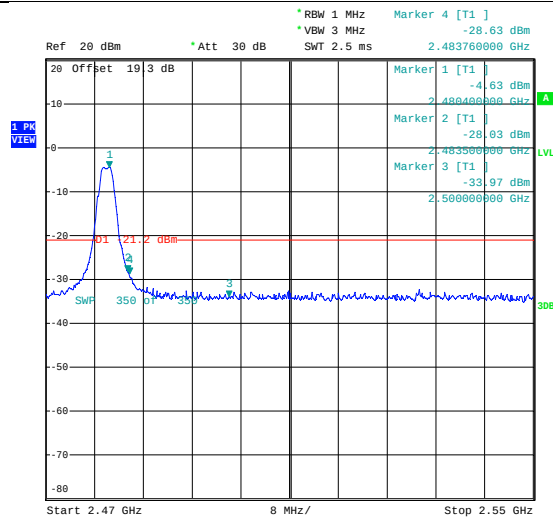
Date: 13.NOV.2025 13:04:18

#### BLE\_2M-Ant1-2402-PASS



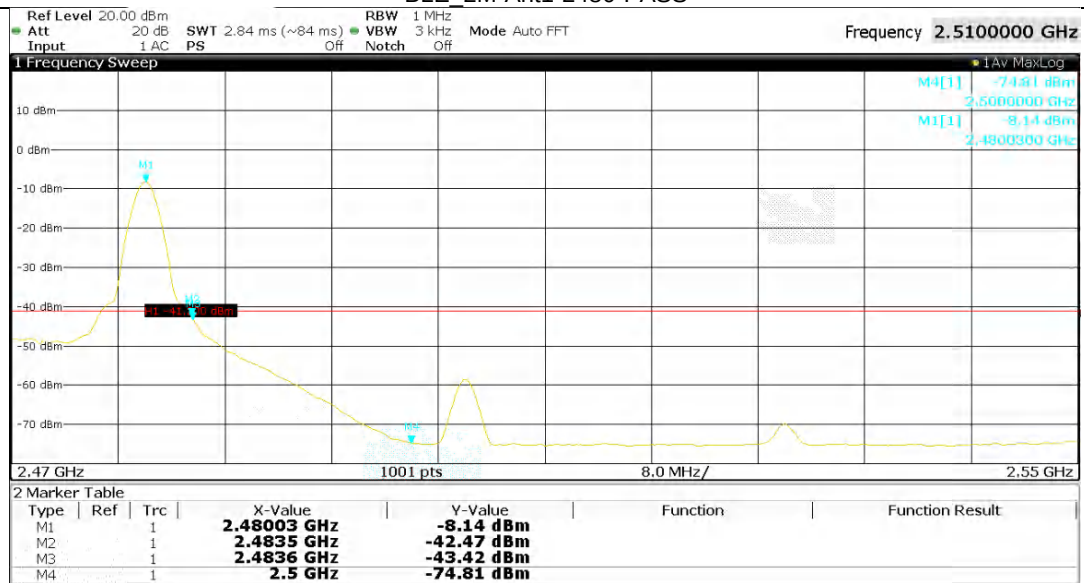
Date: 13.NOV.2025 13:04:40

#### BLE\_2M-Ant1-2402-PASS



Date: 13.NOV.2025 13:15:20

#### BLE\_2M-Ant1-2480-PASS



#### BLE\_2M-Ant1-2480-PASS

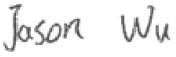
## Appendix B.7: Test Results of Conducted Emission on AC Mains

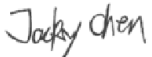
# EMC TEST REPORT

### Test Information

Manufacturer:  
Test Item:  
Identification: Olto  
Test Standard: FCC Part 15B  
Test Detail: Conducted Emission  
Operation Mode: A  
Climate Condition: 22 °C; 55 %RH; 101 kPa.  
Test Voltage/ Freq.: AC 120 V/ 60 Hz  
Port / Line: AC Mains  
Receipt No.: 170425394  
Report No.: /  
Result: Pass  
Comment: With battery SAW24A-150-2000U  
  
Hardware Setup: LISN ENV 216 to ESU 26  
Level Unit: dBµV

| Subrange       | Detectors     | IF Bandwidth | Step Size | Meas. Time | Receiver |
|----------------|---------------|--------------|-----------|------------|----------|
| 150kHz - 30MHz | Peak; Average | 9kHz         | 4 kHz     | 10ms       | ESU 26   |

Tested by:  20251028

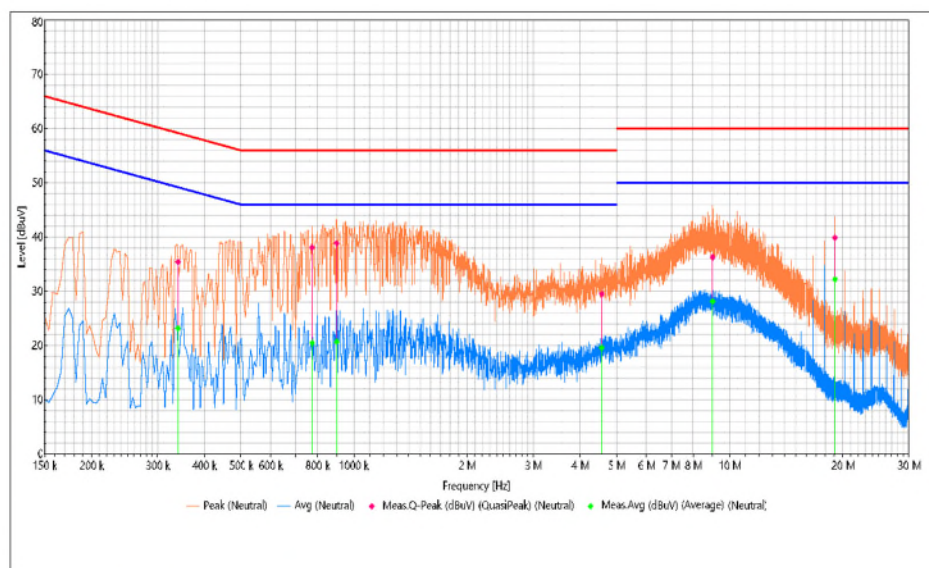
Approved by:  20251031

TUV Rheinland (Guangdong) Ltd.

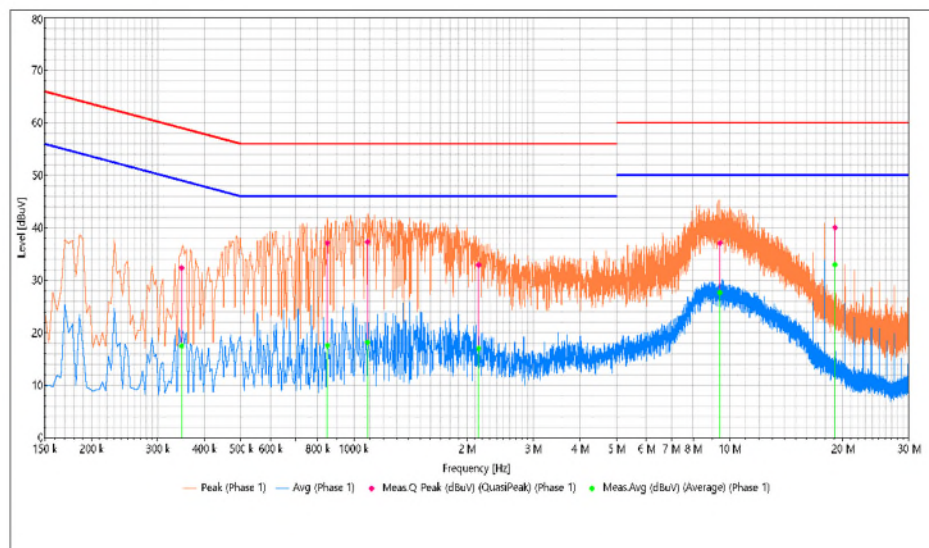
EMC Test Service Hotline: +86-20-28391188

## 1 Graph by Position

Position Name : Neutral



Position Name : Phase 1



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EMC Test Service Hotline: +86-20-28391188

## 2 Finals

Final source : QuasiPeak

| Frequency     | SR # | Meas.Q-Peak (dBuV) | Limit (dBuV) | Meas.-Lim (dB) | Line    | RBW (Hz) | Meas.Time (s) | Comments | Correction (dB) |
|---------------|------|--------------------|--------------|----------------|---------|----------|---------------|----------|-----------------|
| 340.249 kHz   | 1    | 35.418             | 59.155       | -23.736        | Neutral | 9000     | 1             | Pass     | 9.639           |
| 774 kHz       | 1    | 38.099             | 56           | -17.901        | Neutral | 9000     | 1             | Pass     | 9.657           |
| 900.25 kHz    | 1    | 38.848             | 56           | -17.152        | Neutral | 9000     | 1             | Pass     | 9.662           |
| 4.5695 MHz    | 1    | 29.512             | 56           | -26.488        | Neutral | 9000     | 1             | Pass     | 9.721           |
| 9.01575 MHz   | 1    | 36.293             | 60           | -23.707        | Neutral | 9000     | 1             | Pass     | 9.792           |
| 19.091749 MHz | 1    | 39.886             | 60           | -20.114        | Neutral | 9000     | 1             | Pass     | 9.911           |

Final source : Average

| Frequency     | SR # | Meas.Avg (dBuV) | Limit (dBuV) | Meas.-Lim (dB) | Line    | RBW (Hz) | Meas.Time (s) | Comments | Correction (dB) |
|---------------|------|-----------------|--------------|----------------|---------|----------|---------------|----------|-----------------|
| 340.249 kHz   | 1    | 23.176          | 49.155       | -25.978        | Neutral | 9000     | 1             | Pass     | 9.639           |
| 774 kHz       | 1    | 20.485          | 46           | -25.515        | Neutral | 9000     | 1             | Pass     | 9.657           |
| 900.25 kHz    | 1    | 20.723          | 46           | -25.277        | Neutral | 9000     | 1             | Pass     | 9.662           |
| 4.5695 MHz    | 1    | 19.616          | 46           | -26.384        | Neutral | 9000     | 1             | Pass     | 9.721           |
| 9.01575 MHz   | 1    | 28.162          | 50           | -21.838        | Neutral | 9000     | 1             | Pass     | 9.792           |
| 19.091749 MHz | 1    | 32.195          | 50           | -17.805        | Neutral | 9000     | 1             | Pass     | 9.911           |

## 3 Finals

Final source : QuasiPeak

| Frequency    | SR # | Meas.Q-Peak (dBuV) | Limit (dBuV) | Meas.-Lim (dB) | Line    | RBW (Hz) | Meas.Time (s) | Comments | Correction (dB) |
|--------------|------|--------------------|--------------|----------------|---------|----------|---------------|----------|-----------------|
| 347.749 kHz  | 2    | 32.365             | 59.058       | -26.693        | Phase 1 | 9000     | 1             | Pass     | 9.629           |
| 850 kHz      | 2    | 37.128             | 56           | -18.872        | Phase 1 | 9000     | 1             | Pass     | 9.651           |
| 1.08775 MHz  | 2    | 37.343             | 56           | -18.657        | Phase 1 | 9000     | 1             | Pass     | 9.655           |
| 2.149499 MHz | 2    | 32.945             | 56           | -23.055        | Phase 1 | 9000     | 1             | Pass     | 9.678           |
| 9.42425 MHz  | 2    | 37.101             | 60           | -22.899        | Phase 1 | 9000     | 1             | Pass     | 9.788           |
| 19.08775 MHz | 2    | 40.061             | 60           | -19.939        | Phase 1 | 9000     | 1             | Pass     | 9.911           |

Final source : Average

| Frequency    | SR # | Meas.Avg (dBuV) | Limit (dBuV) | Meas.-Lim (dB) | Line    | RBW (Hz) | Meas.Time (s) | Comments | Correction (dB) |
|--------------|------|-----------------|--------------|----------------|---------|----------|---------------|----------|-----------------|
| 347.749 kHz  | 2    | 17.514          | 49.058       | -31.544        | Phase 1 | 9000     | 1             | Pass     | 9.629           |
| 850 kHz      | 2    | 17.612          | 46           | -28.388        | Phase 1 | 9000     | 1             | Pass     | 9.651           |
| 1.08775 MHz  | 2    | 18.165          | 46           | -27.835        | Phase 1 | 9000     | 1             | Pass     | 9.655           |
| 2.149499 MHz | 2    | 17.042          | 46           | -28.958        | Phase 1 | 9000     | 1             | Pass     | 9.678           |
| 9.42425 MHz  | 2    | 27.669          | 50           | -22.331        | Phase 1 | 9000     | 1             | Pass     | 9.788           |
| 19.08775 MHz | 2    | 32.976          | 50           | -17.024        | Phase 1 | 9000     | 1             | Pass     | 9.911           |

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EMC Test Service Hotline: +86-20-28391188

## EMC TEST REPORT

### Test Information

Manufacturer:  
Test Item:  
Identification: Olto  
Test Standard: FCC Part 15B  
Test Detail: Conducted Emission  
Operation Mode: A  
Climate Condition: 22 °C; 55 %RH; 101 kPa.  
Test Voltage/ Freq.: AC 120 V/ 60 Hz  
Port / Line: AC Mains  
Receipt No.: 170425394  
Report No.: /  
Result: Pass  
Comment: With charger LBC055581060 + USB C: DC 5V, 3.3A  
  
Hardware Setup: LISN ENV 216 to ESU 26  
Level Unit: dBµV

| Subrange       | Detectors     | IF Bandwidth | Step Size | Meas. Time | Receiver |
|----------------|---------------|--------------|-----------|------------|----------|
| 150kHz - 30MHz | Peak; Average | 9kHz         | 4 kHz     | 10ms       | ESU 26   |

Tested by:

Jason Wu

20251028

Approved by:

Jacky Chen

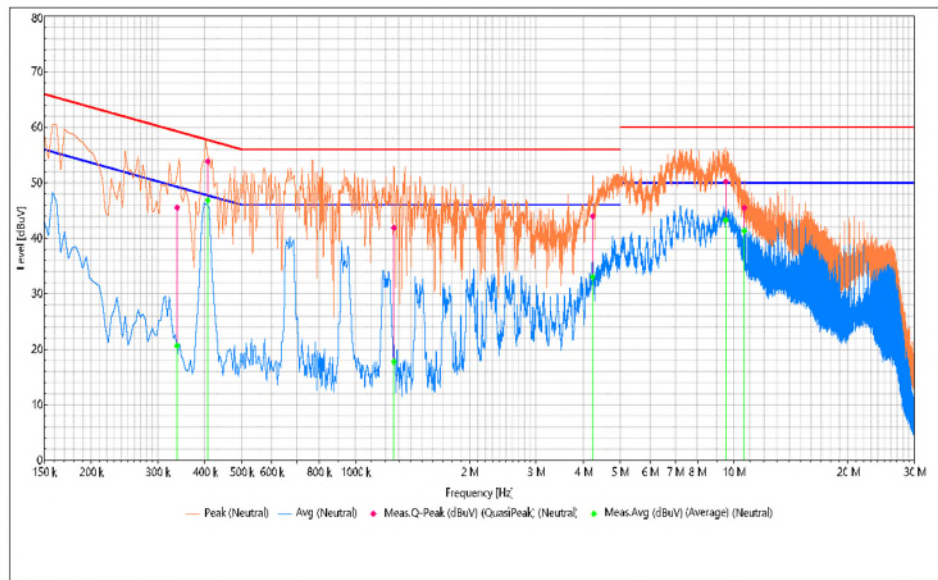
20251031

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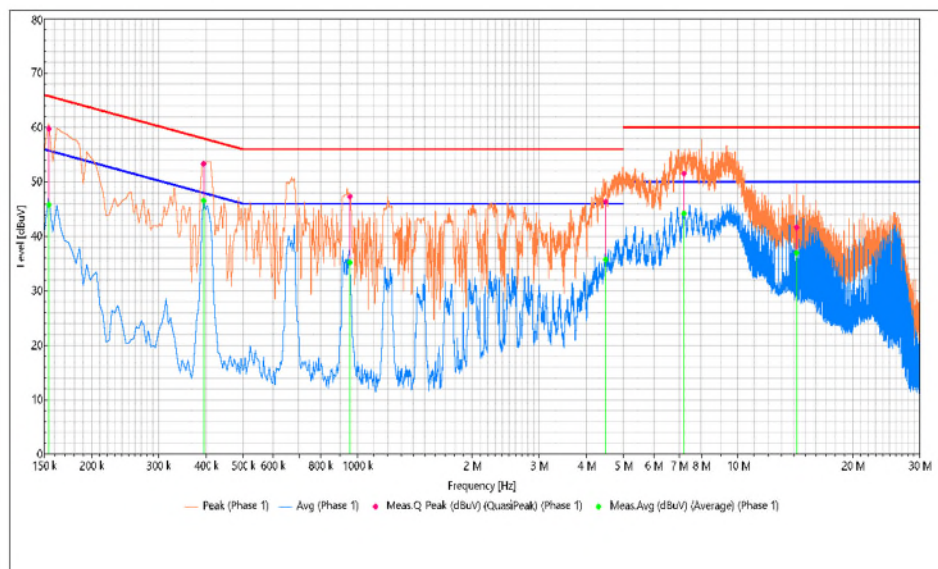
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## 1 Graph by Position

Position Name : Neutral



Position Name : Phase 1



TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

## 2 Finals

Final source : QuasiPeak

| Frequency   | SR # | Meas.Q-Peak (dBuV) | Limit (dBuV) | Meas.-Lim (dB) | Line    | RBW (Hz) | Meas.Time (s) | Comments | Correction (dB) |
|-------------|------|--------------------|--------------|----------------|---------|----------|---------------|----------|-----------------|
| 337.499 kHz | 1    | 45.51              | 59.252       | -13.742        | Neutral | 9000     | 1             | Pass     | 9.639           |
| 406.499 kHz | 1    | 53.813             | 57.73        | -3.917         | Neutral | 9000     | 1             | Pass     | 9.64            |
| 1.262 MHz   | 1    | 41.931             | 56           | -14.069        | Neutral | 9000     | 1             | Pass     | 9.657           |
| 4.2335 MHz  | 1    | 43.935             | 56           | -12.065        | Neutral | 9000     | 1             | Pass     | 9.72            |
| 9.5145 MHz  | 1    | 50.191             | 60           | -9.809         | Neutral | 9000     | 1             | Pass     | 9.799           |
| 10.6535 MHz | 1    | 45.489             | 60           | -14.511        | Neutral | 9000     | 1             | Pass     | 9.815           |

Final source : Average

| Frequency   | SR # | Meas.Avg (dBuV) | Limit (dBuV) | Meas.-Lim (dB) | Line    | RBW (Hz) | Meas.Time (s) | Comments | Correction (dB) |
|-------------|------|-----------------|--------------|----------------|---------|----------|---------------|----------|-----------------|
| 337.499 kHz | 1    | 20.625          | 49.252       | -28.627        | Neutral | 9000     | 1             | Pass     | 9.639           |
| 406.499 kHz | 1    | 46.837          | 47.73        | -0.892         | Neutral | 9000     | 1             | Pass     | 9.64            |
| 1.262 MHz   | 1    | 17.722          | 46           | -28.278        | Neutral | 9000     | 1             | Pass     | 9.657           |
| 4.2335 MHz  | 1    | 33.034          | 46           | -12.966        | Neutral | 9000     | 1             | Pass     | 9.72            |
| 9.5145 MHz  | 1    | 43.231          | 50           | -6.769         | Neutral | 9000     | 1             | Pass     | 9.799           |
| 10.6535 MHz | 1    | 41.37           | 50           | -8.63          | Neutral | 9000     | 1             | Pass     | 9.815           |

## 3 Finals

Final source : QuasiPeak

| Frequency   | SR # | Meas.Q-Peak (dBuV) | Limit (dBuV) | Meas.-Lim (dB) | Line    | RBW (Hz) | Meas.Time (s) | Comments | Correction (dB) |
|-------------|------|--------------------|--------------|----------------|---------|----------|---------------|----------|-----------------|
| 154.5 kHz   | 2    | 59.767             | 65.781       | -6.015         | Phase 1 | 9000     | 1             | Pass     | 9.637           |
| 393.999 kHz | 2    | 53.337             | 57.979       | -4.642         | Phase 1 | 9000     | 1             | Pass     | 9.63            |
| 954.5 kHz   | 2    | 47.291             | 56           | -8.709         | Phase 1 | 9000     | 1             | Pass     | 9.653           |
| 4.486 MHz   | 2    | 46.395             | 56           | -9.605         | Phase 1 | 9000     | 1             | Pass     | 9.711           |
| 7.206 MHz   | 2    | 51.519             | 60           | -8.481         | Phase 1 | 9000     | 1             | Pass     | 9.755           |
| 14.2455 MHz | 2    | 41.641             | 60           | -18.359        | Phase 1 | 9000     | 1             | Pass     | 9.895           |

Final source : Average

| Frequency   | SR # | Meas.Avg (dBuV) | Limit (dBuV) | Meas.-Lim (dB) | Line    | RBW (Hz) | Meas.Time (s) | Comments | Correction (dB) |
|-------------|------|-----------------|--------------|----------------|---------|----------|---------------|----------|-----------------|
| 154.5 kHz   | 2    | 45.8            | 55.781       | -9.981         | Phase 1 | 9000     | 1             | Pass     | 9.637           |
| 393.999 kHz | 2    | 46.592          | 47.979       | -1.387         | Phase 1 | 9000     | 1             | Pass     | 9.63            |
| 954.5 kHz   | 2    | 35.244          | 46           | -10.756        | Phase 1 | 9000     | 1             | Pass     | 9.653           |
| 4.486 MHz   | 2    | 35.732          | 46           | -10.268        | Phase 1 | 9000     | 1             | Pass     | 9.711           |
| 7.206 MHz   | 2    | 44.224          | 50           | -5.776         | Phase 1 | 9000     | 1             | Pass     | 9.755           |
| 14.2455 MHz | 2    | 36.98           | 50           | -13.02         | Phase 1 | 9000     | 1             | Pass     | 9.895           |

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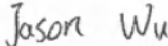
EMC Test Service Hotline: +86-20-28391188

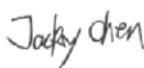
## EMC TEST REPORT

### Test Information

Manufacturer:  
Test Item: Olto  
Identification: OT01  
Test Standard: FCC Part 15B  
Test Detail: Conducted Emission  
Operation Mode: A  
Climate Condition: 22 °C; 55 %RH; 101 kPa.  
Test Voltage/ Freq.: AC 120 V/ 60 Hz  
Port / Line: AC Mains  
Receipt No.: 170425394  
Report No.: /  
Result: Pass  
Comment: With charger LBC055581060 + USB C: DC 12V, 2A  
  
Hardware Setup: LISN ENV 216 to ESU 26  
Level Unit: dBµV

| Subrange       | Detectors     | IF Bandwidth | Step Size | Meas. Time | Receiver |
|----------------|---------------|--------------|-----------|------------|----------|
| 150kHz - 30MHz | Peak, Average | 9kHz         | 4 kHz     | 10ms       | ESU 26   |

Tested by:  20251028

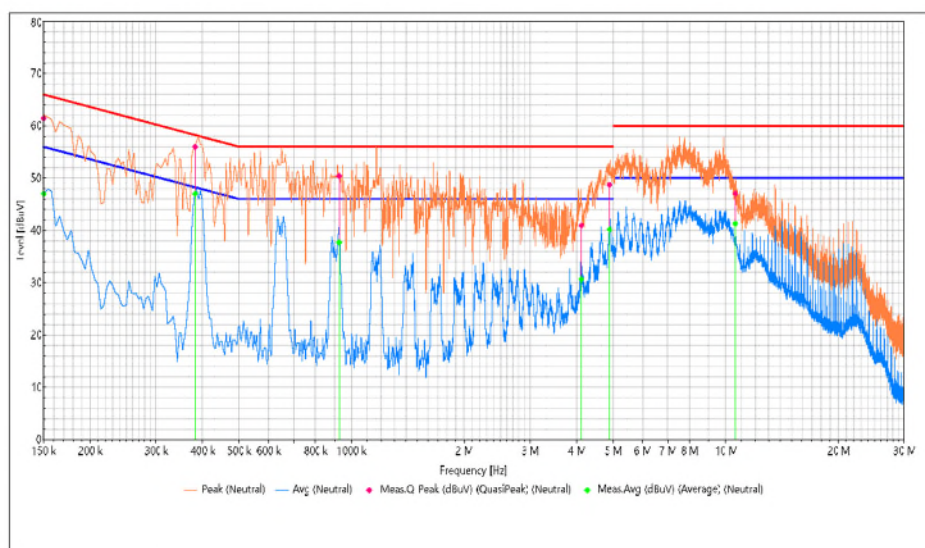
Approved by:  20251031

TUV Rheinland (Guangdong) Ltd.

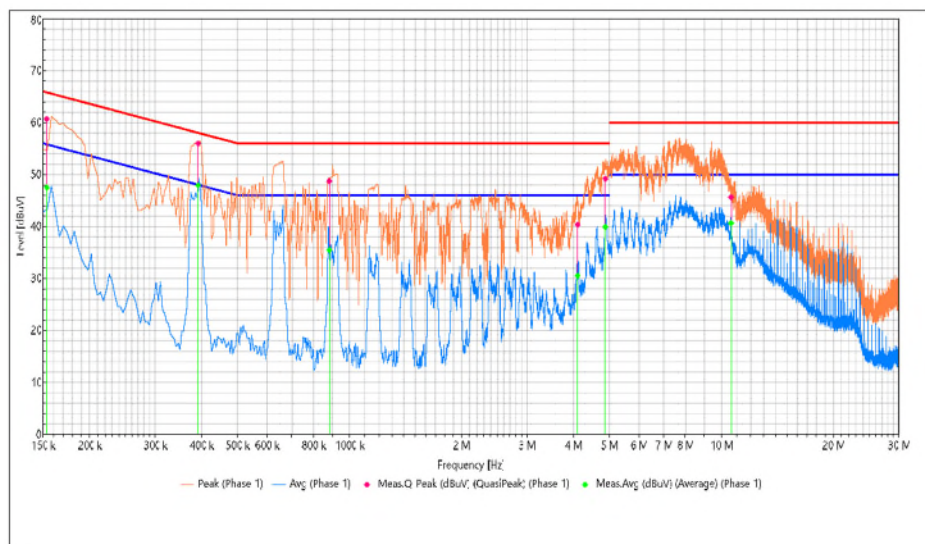
EMC Test Service Hotline: +86-20-28391188

## 1 Graph by Position

Position Name : Neutral



Position Name : Phase 1



TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

## 2 Finals

Final source : QuasiPeak

| Frequency   | SR # | Meas.Q-Peak (dBuV) | Limit (dBuV) | Meas.-Lim (dB) | Line    | RBW (Hz) | Meas.Time (s) | Comments | Correction (dB) |
|-------------|------|--------------------|--------------|----------------|---------|----------|---------------|----------|-----------------|
| 150 kHz     | 1    | 61.417             | 66           | -4.583         | Neutral | 9000     | 1             | Pass     | 9.651           |
| 381.999 kHz | 1    | 55.965             | 58.236       | -2.271         | Neutral | 9000     | 1             | Pass     | 9.64            |
| 926 kHz     | 1    | 50.445             | 56           | -5.555         | Neutral | 9000     | 1             | Pass     | 9.663           |
| 4.11225 MHz | 1    | 40.95              | 56           | -15.05         | Neutral | 9000     | 1             | Pass     | 9.719           |
| 4.8895 MHz  | 1    | 48.707             | 56           | -7.293         | Neutral | 9000     | 1             | Pass     | 9.723           |
| 10.6095 MHz | 1    | 47.064             | 60           | -12.936        | Neutral | 9000     | 1             | Pass     | 9.814           |

Final source : Average

| Frequency   | SR # | Meas.Avg (dBuV) | Limit (dBuV) | Meas.-Lim (dB) | Line    | RBW (Hz) | Meas.Time (s) | Comments | Correction (dB) |
|-------------|------|-----------------|--------------|----------------|---------|----------|---------------|----------|-----------------|
| 150 kHz     | 1    | 47.018          | 56           | -8.982         | Neutral | 9000     | 1             | Pass     | 9.651           |
| 381.999 kHz | 1    | 47.041          | 48.236       | -1.195         | Neutral | 9000     | 1             | Pass     | 9.64            |
| 926 kHz     | 1    | 37.732          | 46           | -8.268         | Neutral | 9000     | 1             | Pass     | 9.663           |
| 4.11225 MHz | 1    | 30.681          | 46           | -15.319        | Neutral | 9000     | 1             | Pass     | 9.719           |
| 4.8895 MHz  | 1    | 40.202          | 46           | -5.798         | Neutral | 9000     | 1             | Pass     | 9.723           |
| 10.6095 MHz | 1    | 41.279          | 50           | -8.721         | Neutral | 9000     | 1             | Pass     | 9.814           |

## 3 Finals

Final source : QuasiPeak

| Frequency   | SR # | Meas.Q-Peak (dBuV) | Limit (dBuV) | Meas.-Lim (dB) | Line    | RBW (Hz) | Meas.Time (s) | Comments | Correction (dB) |
|-------------|------|--------------------|--------------|----------------|---------|----------|---------------|----------|-----------------|
| 153.5 kHz   | 2    | 60.706             | 65.781       | -5.075         | Phase 1 | 9000     | 1             | Pass     | 9.638           |
| 391.75 kHz  | 2    | 55.993             | 58.064       | -2.071         | Phase 1 | 9000     | 1             | Pass     | 9.63            |
| 882.5 kHz   | 2    | 48.735             | 56           | -7.265         | Phase 1 | 9000     | 1             | Pass     | 9.652           |
| 4.1065 MHz  | 2    | 40.383             | 56           | -15.617        | Phase 1 | 9000     | 1             | Pass     | 9.709           |
| 4.8735 MHz  | 2    | 49.196             | 56           | -6.804         | Phase 1 | 9000     | 1             | Pass     | 9.713           |
| 10.6095 MHz | 2    | 45.619             | 60           | -14.381        | Phase 1 | 9000     | 1             | Pass     | 9.805           |

Final source : Average

| Frequency   | SR # | Meas.Avg (dBuV) | Limit (dBuV) | Meas.-Lim (dB) | Line    | RBW (Hz) | Meas.Time (s) | Comments | Correction (dB) |
|-------------|------|-----------------|--------------|----------------|---------|----------|---------------|----------|-----------------|
| 153.5 kHz   | 2    | 47.524          | 55.781       | -8.257         | Phase 1 | 9000     | 1             | Pass     | 9.638           |
| 391.75 kHz  | 2    | 47.932          | 48.064       | -0.132         | Phase 1 | 9000     | 1             | Pass     | 9.63            |
| 882.5 kHz   | 2    | 35.464          | 46           | -10.536        | Phase 1 | 9000     | 1             | Pass     | 9.652           |
| 4.1065 MHz  | 2    | 30.547          | 46           | -15.453        | Phase 1 | 9000     | 1             | Pass     | 9.709           |
| 4.8735 MHz  | 2    | 39.921          | 46           | -6.079         | Phase 1 | 9000     | 1             | Pass     | 9.713           |
| 10.6095 MHz | 2    | 40.688          | 50           | -9.312         | Phase 1 | 9000     | 1             | Pass     | 9.805           |