

Report No.: TW2504014-02E

Applicant: Avantis Education Limited

Product: VR Headset

Model No.: CVR-255-64, CVR-255-32, CVR-255-64-A, CVR-355-128,

CVR-355-128-M

Trademark: CLASS VR

Test Standards: FCC Part 15.247

Test Result:

It is herewith confirmed and found to comply with the

requirements set up by ANSI C63.10, FCC Part 15.247 for

the evaluation of electromagnetic compatibility

Approved By

01

Terry Tang

Manager

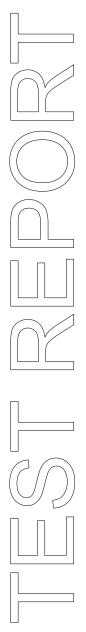
Dated: May 14, 2025

Results appearing herein relate only to the sample tested The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TESTING LABORATORIES

Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China

Tel (755) 83448688, Fax (755) 83442996, E-Mail:info@timeway-lab.com



Report No.: TW2504014-02E Page 2 of 45

Date: 2025-05-14



Special Statement:

FCC-Registration No.: 744189

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 744189.

Industry Canada (IC) — Registration No.:5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 5205A.

A2LA (Certification Number:5013.01)

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA). Certification Number:5013.01

CAB identifier: CN0033

Page 3 of 45

Report No.: TW2504014-02E

Date: 2025-05-14



Test Report Conclusion

Content

| 1.0 | General Details | 4 |
|------|-------------------------------------|----|
| 1.1 | Test Lab Details | 4 |
| 1.2 | Applicant Details | 4 |
| 1.3 | Description of EUT | 4 |
| 1.4 | Submitted Sample | 4 |
| 1.5 | Test Duration. | 5 |
| 1.6 | Test Uncertainty | 5 |
| 1.7 | Test By | 5 |
| 2.0 | List of Measurement Equipment. | 6 |
| 3.0 | Technical Details | 7 |
| 3.1 | Summary of Test Results | 7 |
| 3.2 | Test Standards | 7 |
| 4.0 | EUT Modification. | 7 |
| 5.0 | Power Line Conducted Emission Test. | 8 |
| 5.1 | Schematics of the Test. | 8 |
| 5.2 | Test Method and Test Procedure. | 8 |
| 5.3 | Configuration of the EUT | 8 |
| 5.4 | EUT Operating Condition. | 9 |
| 5.5 | Conducted Emission Limit. | 9 |
| 5.6 | Test Result. | 9 |
| 6.0 | Radiated Emission test. | 12 |
| 5.1 | Test Method and Test Procedure. | 12 |
| 5.2 | Configuration of the EUT | 13 |
| 5.3 | EUT Operation Condition. | 13 |
| 5.4 | Radiated Emission Limit. | 13 |
| 7.0 | 6dB Bandwidth Measurement Bandwidth | 23 |
| 8.0 | Maximum Peak Output Power | 28 |
| 9.0 | Power Spectral Density Measurement | 30 |
| 10.0 | Out of Band Measurement | 35 |
| 11.0 | Antenna Requirement | 42 |
| 12.0 | FCC ID Label. | 43 |
| 13.0 | Photo of Test Setup and EUT View. | 44 |

Date: 2025-05-14



General Details 1.0

1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TESTING LABORATORIES.

Address: Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le

Village, Nanshan District, Shenzhen, China

Telephone: (755) 83448688 Fax: (755) 83442996

1.2 Applicant Details

Applicant: **Avantis Education Limited**

Address: Unit 2&3 Jessop Court, Waterwells Business Park, Quedgeley, Gloucester, GL2 2AP UK

Gloucester, United Kingdom

1.3 Description of EUT

Product: VR Headset

Manufacturer: Channel Electronics (M) SDN.BHD.

Address: Lot 16036, Jln Teknologi 6, Kaw. Perindustrian Tangkak, Johor, Malaysia

Brand Name: CLASS VR

Additional Brand Name: N/A

Model Number: CVR-255-64

Additional Model Number: CVR-255-32, CVR-255-64-A, CVR-355-128, CVR-355-128-M

Hardware Version: EM_AX139_MB_V1.0 Software Version: qfil-cvr355128-1.0.4

Serial No.: 302VR0094J

GFSK (Bluetooth BLE) Type of Modulation

Frequency range 2402-2480MHz Frequency Selection By software

Channel Number 40

Rating: Input: DC5V, 2.4A

Battery: DC3.8V, 4000mAh Li-ion battery

1.4 Submitted Sample: 3 Samples

1.5 Test Duration

2025-04-16 to 2025-05-13

1.6 Test Uncertainty

The report refers only to the sample tested and does not apply to the bulk.

This report is issued in confidence to the client and it will be strictly treated as such by the SHENZHEN TIMEWAY TESTING LABORATORIES. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the SHENZHEN TIMEWAY TESTING LABORATORIES. to his customer. Supplier or others persons directly concerned. SHENZHEN TIMEWAY TESTING LABORATORIES. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The SHENZHEN TIMEWAY TESTING LABORATORIES, reserves the rights to withdraw it and to

adopt any other remedies which may be appropriate.

Report No.: TW2504014-02E Page 5 of 45

Date: 2025-05-14



Conducted Emissions Uncertainty = 3.6dB Radiated Emissions below 1GHz Uncertainty =4.7dB Radiated Emissions above 1GHz Uncertainty =6.0dB Conducted Power Uncertainty =6.0dB Occupied Channel Bandwidth Uncertainty = 5%

1.7 Test Engineer

The sample tested by

Print Name: Andy Xing

Page 6 of 45

Report No.: TW2504014-02E

Date: 2025-05-14



| 2.0 Test Equipment | | | | | |
|--------------------|--------------|------------------|--------------|--------------|------------|
| Instrument Type | Manufacturer | Model | Serial No. | Date of Cal. | Due Date |
| ESPI Test Receiver | R&S | ESPI 3 | 100379 | 2024-07-12 | 2025-07-11 |
| LISN | R&S | EZH3-Z5 | 100294 | 2024-07-12 | 2025-07-11 |
| LISN | R&S | EZH3-Z5 | 100253 | 2024-07-12 | 2025-07-11 |
| Impuls-Begrenzer | R&S | ESH3-Z2 | 100281 | 2024-07-12 | 2025-07-11 |
| Loop Antenna | EMCO | 6507 | 00078608 | 2022-07-18 | 2025-07-17 |
| Spectrum | R&S | FSIQ26 | 100292 | 2024-07-12 | 2025-07-11 |
| Horn Antenna | A-INFO | LB-180400-KF | J211060660 | 2022-07-18 | 2025-07-17 |
| Horn Antenna | R&S | BBHA 9120D | 9120D-631 | 2022-07-18 | 2025-07-17 |
| Power meter | Anritsu | ML2487A | 6K00003613 | 2024-07-12 | 2025-07-11 |
| Power sensor | Anritsu | MA2491A | 32263 | 2024-07-12 | 2025-07-11 |
| Bilog Antenna | Schwarebeck | VULB9163 | 9163/340 | 2022-07-18 | 2025-07-17 |
| 9*6*6 Anechoic | | | N/A | 2022-07-26 | 2025-07-25 |
| EMI Test Receiver | RS | ESVB | 826156/011 | 2024-07-12 | 2025-07-11 |
| EMI Test Receiver | RS | ESCS 30 | 834115/006 | 2024-07-12 | 2025-07-11 |
| Spectrum | HP/Agilent | E4407B | MY50441392 | 2024-07-12 | 2025-07-11 |
| Spectrum | RS | FSP | 1164.4391.38 | 2024-07-12 | 2025-07-11 |
| RF Cable | Zhengdi | ZT26-NJ-NJ-8M/FA | 1 | 2024-07-12 | 2025-07-11 |
| RF Cable | Zhengdi | 7m | 1 | 2024-07-12 | 2025-07-11 |
| Pre-Amplifier | Schwarebeck | BBV9743 | #218 | 2024-07-12 | 2025-07-11 |
| Pre-Amplifier | HP/Agilent | 8449B | 3008A00160 | 2024-07-12 | 2025-07-11 |
| LISN | SCHAFFNER | NNB42 | 00012 | 2024-07-12 | 2025-07-11 |
| ESPI Test Receiver | R&S | ESPI 3 | 100379 | 2024-07-12 | 2025-07-11 |
| LISN | R&S | EZH3-Z5 | 100294 | 2024-07-12 | 2025-07-11 |

2.2 Automation Test Software

For Conducted Emission Test

| Name | Version |
|--------|-------------------|
| EZ-EMC | Ver.EMC-CON 3A1.1 |

For Radiated Emissions

| Name | Version |
|---|---------|
| EMI Test Software BL410-EV18.91 | V18.905 |
| EMI Test Software BL410-EV18.806 High Frequency | V18.06 |

The report refers only to the sample tested and does not apply to the bulk.

This report is issued in confidence to the client and it will be strictly treated as such by the SHENZHEN TIMEWAY TESTING LABORATORIES. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the SHENZHEN TIMEWAY TESTING LABORATORIES. to his customer. Supplier or others persons directly concerned. SHENZHEN TIMEWAY TESTING LABORATORIES. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The SHENZHEN TIMEWAY TESTING LABORATORIES, reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

Report No.: TW2504014-02E

Date: 2025-05-14



3.0 Technical Details

3.1 Summary of test results

| Standard | Test Type | Result | Notes |
|-------------------------------|----------------------------------|--------|----------|
| FCC Part 15, Paragraph 15.207 | Conducted Emission Test | PASS | Complies |
| | Spectrum bandwidth of a | | Complies |
| ECC Dout 15 Submout C | Orthogonal Frequency | | |
| FCC Part 15 Subpart C | Division Multiplex System | PASS | |
| Paragraph 15.247(a)(2) Limit | Limit: 6dB | | |
| | bandwidth>500kHz | | |
| FCC Part 15, Paragraph | Maximum peak output | | |
| 15.247(b) | power | PASS | Complies |
| 13.247(0) | Limit: max. 30dBm | | |
| FCC Part 15, Paragraph 15.205 | Transmitter Radiated | PASS | Complies |
| & 15.209 | Emission | | |
| | Limit: Table 15.209 | | |
| FCC Part 15, Paragraph | Power Spectral Density | PASS | Complies |
| 15.247(e) | Limit: max. 8dBm | | |
| FCC Part 15, Paragraph | Out of Band Emission and | PASS | Complies |
| 15.247(d) | Restricted Band | | |
| | Radiation | | |
| | Limit: 20dB less than | | |
| | peak value of fundamental | | |
| | frequency | | |
| | Restricted band limit: | | |
| | Table 15.209 | | |

3.2 Test Standards

FCC Part 15 Subpart & Subpart C, Paragraph 15.247

4.0 EUT Modification

No modification by SHENZHEN TIMEWAY TESTING LABORATORIES.

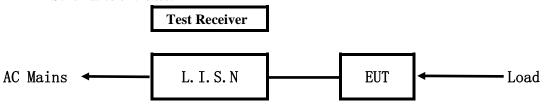
Report No.: TW2504014-02E

Date: 2025-05-14



5.Power Line Conducted Emission Test

5.1 Schematics of the test

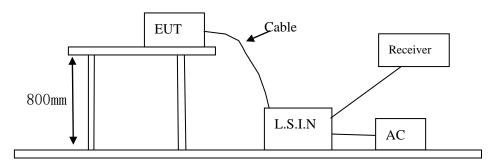


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.10-2013. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.10 –2013.

Test Voltage: 120V~, 60Hz Block diagram of Test setup



5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.10-2013. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

A. EUT

| Device | | Manufacturer | Model | FCC ID |
|------------|--|----------------------------------|---------------|-------------------|
| | | | CVR-255-64, | |
| VR Headset | | Channel Electronics (M) SDN.BHD. | CVR-255-32, | |
| | | | CVR-255-64-A, | 2BNWDCVR-355-128M |
| | | | CVR-355-128, | |
| | | | CVR-355-128-M | |

The report refers only to the sample tested and does not apply to the bulk.

This report is issued in confidence to the client and it will be strictly treated as such by the SHENZHEN TIMEWAY TESTING LABORATORIES. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the SHENZHEN TIMEWAY TESTING LABORATORIES. to his customer. Supplier or others persons directly concerned. SHENZHEN TIMEWAY TESTING LABORATORIES. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The SHENZHEN TIMEWAY TESTING LABORATORIES. reserves the rights to withdraw it and to

In the event of the improper use of the report. The SHENZHEN TIMEWAY TESTING LABORATORIES, reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

Report No.: TW2504014-02E Page 9 of 45

Date: 2025-05-14



B. Internal Device

| Device | Manufacturer | Model | Rating |
|--------|--------------|-------|--------|
| | | | |

C. Peripherals

| Device | Manufacturer | Model | Rating |
|--------------|--------------|-----------|----------------------------------|
| Power Supply | Xiaomi | MDY-12-EF | Input: 100-240V~, 50/60Hz, 1.7A; |
| | | | Output: DC5V, 3A; |
| | | | 5-20A; 6.2- 3.25A(67W Max) |

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.10-2013.

- A Setup the EUT and simulators as shown on follow
- B Enable AF signal and confirm EUT active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.207

| Frequency | Limits (d | lB μ V) |
|------------------|------------------|---------------|
| (MHz) | Quasi-peak Level | Average Level |
| $0.15 \sim 0.50$ | 66.0~56.0* | 56.0~46.0* |
| $0.50 \sim 5.00$ | 56.0 | 46.0 |
| 5.00 ~ 30.00 | 60.0 | 50.0 |

Notes:

- 1. *Decreasing linearly with logarithm of frequency.
- 2. The tighter limit shall apply at the transition frequencies

5.6 Test Results

The frequency spectrum from 0.15MHz to 30MHz was investigated. All reading are quasi-peak values with a resolution bandwidth of 9kHz.

Date: 2025-05-14



A: Conducted Emission on Live Terminal (150kHz to 30MHz)

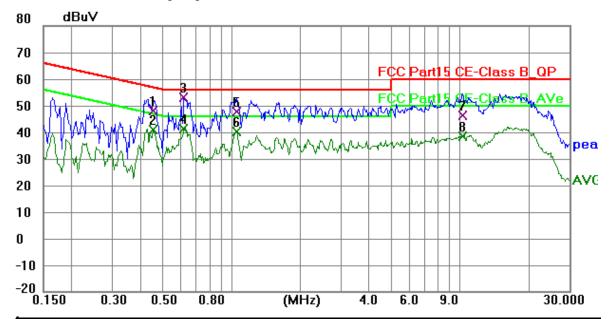
EUT Operating Environment

Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Keep Bluetooth Transmitting

Results: Pass

Please refer to following diagram for individual



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | P/F |
|-----|--------------------|-------------------|----------------|-----------------|-----------------|----------------|----------|-----|
| 1 | 0.4542 | 37.70 | 10.39 | 48.09 | 56.80 | -8.71 | QP | Р |
| 2 | 0.4542 | 30.49 | 10.39 | 40.88 | 46.80 | -5.92 | AVG | J |
| 3 | 0.6180 | 42.54 | 10.44 | 52.98 | 56.00 | -3.02 | QP | Р |
| 4 | 0.6180 | 30.84 | 10.44 | 41.28 | 46.00 | -4.72 | AVG | Р |
| 5 | 1.0509 | 37.10 | 10.54 | 47.64 | 56.00 | -8.36 | QP | Р |
| 6 | 1.0509 | 29.57 | 10.54 | 40.11 | 46.00 | -5.89 | AVG | Л |
| 7 | 10.2384 | 32.31 | 13.88 | 46.19 | 60.00 | -13.81 | QP | П |
| 8 | 10.2384 | 24.46 | 13.88 | 38.34 | 50.00 | -11.66 | AVG | Р |

Report No.: TW2504014-02E Page 11 of 45

Date: 2025-05-14



B: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

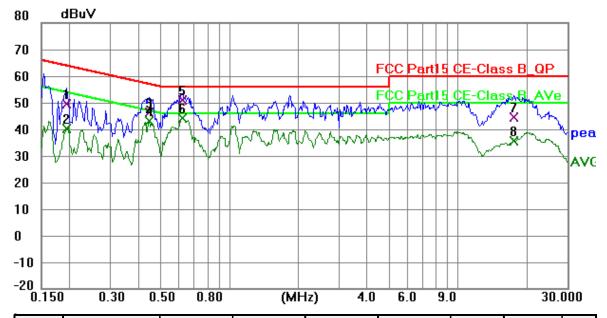
EUT Operating Environment

Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Keep Bluetooth Transmitting

Results: Pass

Please refer to following diagram for individual



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | P/F |
|-----|--------------------|-------------------|----------------|-----------------|-----------------|----------------|----------|-----|
| 1 | 0.1929 | 39.17 | 10.32 | 49.49 | 63.91 | -14.42 | QP | Р |
| 2 | 0.1929 | 29.69 | 10.32 | 40.01 | 53.91 | -13.90 | AVG | Р |
| 3 | 0.4425 | 35.98 | 10.38 | 46.36 | 57.01 | -10.65 | QP | J |
| 4 | 0.4425 | 32.65 | 10.38 | 43.03 | 47.01 | -3.98 | AVG | Р |
| 5 | 0.6219 | 40.62 | 10.44 | 51.06 | 56.00 | -4.94 | QP | Р |
| 6 | 0.6219 | 33.63 | 10.44 | 44.07 | 46.00 | -1.93 | AVG | Р |
| 7 | 17.4923 | 28.78 | 15.78 | 44.56 | 60.00 | -15.44 | Q Q | Р |
| 8 | 17.4923 | 19.72 | 15.78 | 35.50 | 50.00 | -14.50 | AVG | Р |

Report No.: TW2504014-02E Page 12 of 45

Date: 2025-05-14

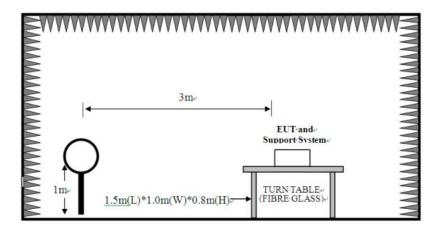


6 Radiated Emission Test

- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No.744189
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.10-2013.
- (3) The frequency spectrum from 30 MHz to 25 GHz was investigated. All readings from 30 MHz to 1 GHz are Quasi-peak values with a resolution bandwidth of 120 kHz. For measurement above 1GHz, peak values with RBW=1MHz VBW=3MHz and PK detector. AV value with RBW=1MHz, VBW=3MHz and RMS detector. Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance is with all installation combinations. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dB of specification limit), and are distinguished with a "QP" in the data table.
- (6) The antenna polarization: Vertical polarization and Horizontal polarization.

Block diagram of Test setup

For radiated emissions from 9kHz to 30MHz



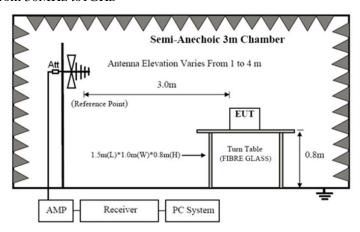
Page 13 of 45

Report No.: TW2504014-02E

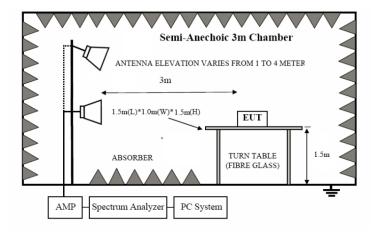
Date: 2025-05-14



For radiated emissions from 30MHz to1GHz



For radiated emissions above 1GHz



6.2 Configuration of the EUT Same as section 5.3 of this report

6.3 EUT Operating Condition Same as section 5.4 of this report.

6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

Report No.: TW2504014-02E Page 14 of 45

Date: 2025-05-14



Frequencies in restricted band are complied to limit on Paragraph 15.209

| Frequency Range (MHz) | Distance (m) | Field strength (dB µ V/m) |
|-----------------------|--------------|---------------------------|
| 30-88 | 3 | 40.0 |
| 88-216 | 3 | 43.5 |
| 216-960 | 3 | 46.0 |
| Above 960 | 3 | 54.0 |

Note:

- 1. RF Voltage $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 2. In the Above Table, the higher limit applies at the band edges.
- 3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT
- 4. This is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.
- 5. Battery was fully charged during test

In the event of the improper use of the report. The SHENZHEN TIMEWAY TESTING LABORATORIES, reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

Page 15 of 45

Report No.: TW2504014-02E

Date: 2025-05-14



Test result

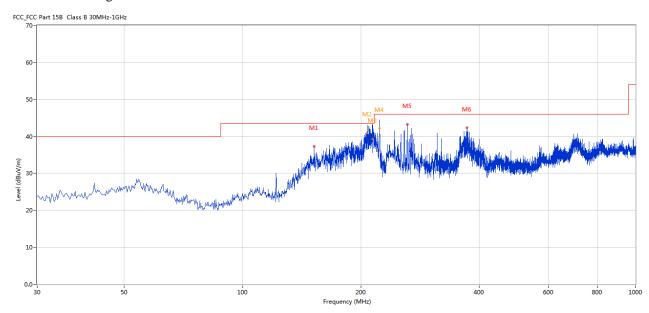
General Radiated Emission Data and Harmonics Radiated Emission Data

Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Bluetooth Transmitting

Results: Pass

Test Figure:



| No. | Frequency | Results | Factor | Limit | Margin | Detector | Table | Height | Antenna | Verdict |
|-----|-----------|----------|--------|----------|--------|----------|----------|--------|------------|---------|
| | (MHz) | (dBuV/m) | (dB) | (dBuV/m) | (dB) | | (Degree) | (cm) | | |
| 1 | 152.189 | 37.30 | -9.91 | 43.5 | 6.20 | Peak | 325.00 | 100 | Horizontal | Pass |
| 2* | 207.951 | 41.02 | -7.09 | 43.5 | 2.48 | QP | 311.00 | 100 | Horizontal | Pass |
| 3* | 214.496 | 39.32 | -6.79 | 43.5 | 4.18 | QP | 321.00 | 100 | Horizontal | Pass |
| 4* | 223.224 | 42.19 | -6.58 | 46.0 | 3.81 | QP | 329.00 | 100 | Horizontal | Pass |
| 5 | 262.742 | 43.19 | -5.12 | 46.0 | 2.81 | Peak | 309.00 | 100 | Horizontal | Pass |
| 6 | 372.567 | 42.35 | -1.83 | 46.0 | 3.65 | Peak | 340.00 | 100 | Horizontal | Pass |

Report No.: TW2504014-02E

Date: 2025-05-14



Test result

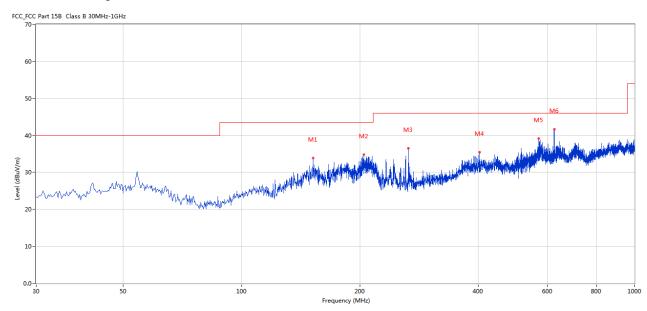
General Radiated Emission Data and Harmonics Radiated Emission Data

Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Transmitting

Results: Pass

Test Figure:



| No. | Frequency | Results | Factor | Limit | Margin | Detector | Table | Height | Antenna | Verdict |
|-----|-----------|----------|--------|----------|--------|----------|----------|--------|----------|---------|
| | (MHz) | (dBuV/m) | (dB) | (dBuV/m) | (dB) | | (Degree) | (cm) | | |
| 1 | 152.189 | 33.86 | -9.91 | 43.5 | 9.64 | Peak | 265.00 | 100 | Vertical | Pass |
| 2 | 204.799 | 34.86 | -7.20 | 43.5 | 8.64 | Peak | 295.00 | 100 | Vertical | Pass |
| 3 | 265.894 | 36.57 | -5.43 | 46.0 | 9.43 | Peak | 223.00 | 100 | Vertical | Pass |
| 4 | 403.114 | 35.51 | -1.53 | 46.0 | 10.49 | Peak | 310.00 | 100 | Vertical | Pass |
| 5 | 570.155 | 39.19 | 0.93 | 46.0 | 6.81 | Peak | 295.00 | 100 | Vertical | Pass |
| 6 | 624.461 | 41.66 | 1.42 | 46.0 | 4.34 | Peak | 36.00 | 100 | Vertical | Pass |

Report No.: TW2504014-02E Page 17 of 45

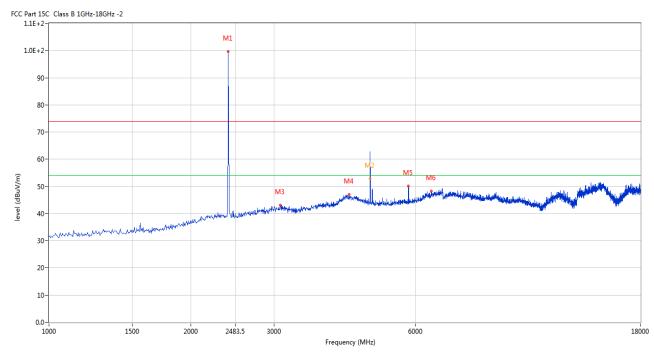
Date: 2025-05-14



Test Figures above 1GHz:

Please refer to the following test plots for details:

Low Channel: Horizontal



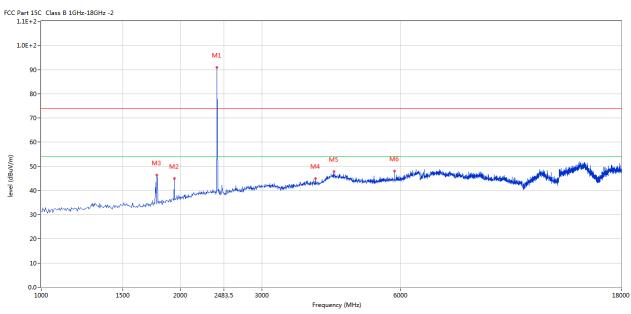
| No. | Frequency | Results | Factor | Limit | Over | Detector | Table | Height | ANT | Verdict |
|-----|-----------|----------|--------|----------|------------|----------|--------|--------|------------|---------|
| | (MHz) | (dBuV/m) | (dB) | (dBuV/m) | Limit (dB) | | (o) | (cm) | | |
| 1 | 2402 | 99.71 | -3.57 | 74.0 | 25.71 | Peak | 272.00 | 100 | Horizontal | N/A |
| 2 | 4802.799 | 62.80 | 3.12 | 74.0 | -11.20 | Peak | 267.00 | 100 | Horizontal | Pass |
| 2** | 4802.799 | 52.77 | 3.12 | 54.0 | -1.23 | AV | 267.00 | 100 | Horizontal | Pass |
| 3 | 3094.726 | 43.04 | -2.22 | 74.0 | -30.96 | Peak | 152.00 | 100 | Horizontal | Pass |
| 4 | 4331.167 | 46.98 | 1.89 | 74.0 | -27.02 | Peak | 84.00 | 100 | Horizontal | Pass |
| 5 | 5792.802 | 50.14 | 3.83 | 74.0 | -23.86 | Peak | 251.00 | 100 | Horizontal | Pass |
| 6 | 6481.130 | 48.24 | 5.68 | 74.0 | -25.76 | Peak | 288.00 | 100 | Horizontal | Pass |

Report No.: TW2504014-02E Page 18 of 45

Date: 2025-05-14



Low Channel: Vertical



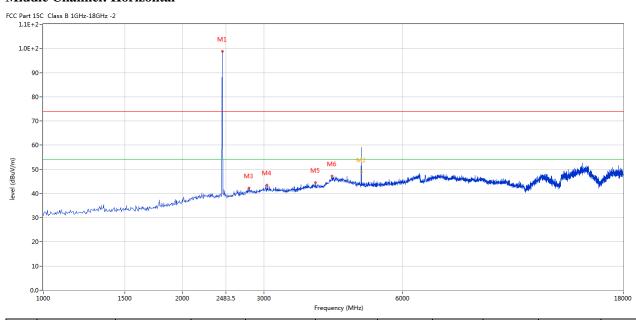
| No. | Frequency | Results | Factor | Limit | Over Limit | Detector | Table | Height | ANT | Verdict |
|-----|-----------|----------|--------|----------|------------|----------|--------|--------|----------|---------|
| | (MHz) | (dBuV/m) | (dB) | (dBuV/m) | (dB) | | (o) | (cm) | | |
| 1 | 2402 | 90.95 | -3.57 | 74.0 | 16.95 | Peak | 199.00 | 100 | Vertical | N/A |
| 2 | 1939.015 | 45.03 | -5.60 | 74.0 | -28.97 | Peak | 328.00 | 100 | Vertical | Pass |
| 3 | 1777.556 | 46.37 | -6.98 | 74.0 | -27.63 | Peak | 3.00 | 100 | Vertical | Pass |
| 4 | 3923.269 | 44.89 | 0.90 | 74.0 | -29.11 | Peak | 36.00 | 100 | Vertical | Pass |
| 5 | 4297.176 | 47.93 | 1.83 | 74.0 | -26.07 | Peak | 266.00 | 100 | Vertical | Pass |
| 6 | 5814.046 | 48.04 | 3.83 | 74.0 | -25.96 | Peak | 318.00 | 100 | Vertical | Pass |

Report No.: TW2504014-02E Page 19 of 45

Date: 2025-05-14



Middle Channel: Horizontal



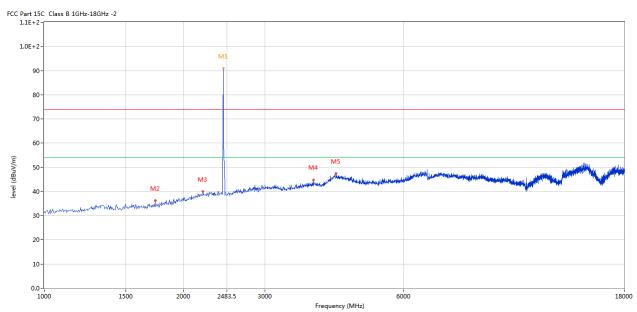
| No. | Frequency | Results | Factor | Limit | Over | Detector | Table | Height | ANT | Verdict |
|-----|-----------|----------|--------|----------|------------|----------|--------|--------|------------|---------|
| | (MHz) | (dBuV/m) | (dB) | (dBuV/m) | Limit (dB) | | (o) | (cm) | | |
| 1 | 2440 | 98.79 | -3.57 | 74.0 | 24.79 | Peak | 121.00 | 100 | Horizontal | N/A |
| 2 | 4879.280 | 59.02 | 3.20 | 74.0 | -14.98 | Peak | 121.00 | 100 | Horizontal | Pass |
| 2** | 4879.280 | 48.98 | 3.20 | 54.0 | -5.02 | AV | 121.00 | 100 | Horizontal | Pass |
| 3 | 2788.803 | 42.27 | -2.73 | 74.0 | -31.73 | Peak | 79.00 | 100 | Horizontal | Pass |
| 4 | 3052.237 | 43.51 | -2.41 | 74.0 | -30.49 | Peak | 158.00 | 100 | Horizontal | Pass |
| 5 | 3880.780 | 44.56 | 0.72 | 74.0 | -29.44 | Peak | 147.00 | 100 | Horizontal | Pass |
| 6 | 4220.695 | 47.18 | 1.65 | 74.0 | -26.82 | Peak | 243.00 | 100 | Horizontal | Pass |

Report No.: TW2504014-02E Page 20 of 45

Date: 2025-05-14



Middle Channel: Vertical



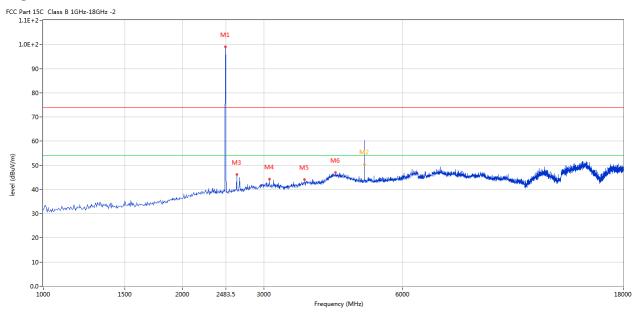
| No. | Frequency | Results | Factor | Limit | Over Limit | Detector | Table | Height | ANT | Verdict |
|-----|-----------|----------|--------|----------|------------|----------|--------|--------|----------|---------|
| | (MHz) | (dBuV/m) | (dB) | (dBuV/m) | (dB) | | (o) | (cm) | | |
| 1 | 2440 | 90.93 | -3.57 | 74.0 | 16.93 | Peak | 176.00 | 100 | Vertical | N/A |
| 2 | 1739.315 | 36.22 | -7.26 | 74.0 | -37.78 | Peak | 360.00 | 100 | Vertical | Pass |
| 3 | 2206.698 | 39.88 | -3.24 | 74.0 | -34.12 | Peak | 269.00 | 100 | Vertical | Pass |
| 4 | 3821.295 | 44.77 | 0.42 | 74.0 | -29.23 | Peak | 176.00 | 100 | Vertical | Pass |
| 5 | 4280.180 | 47.51 | 1.79 | 74.0 | -26.49 | Peak | 238.00 | 100 | Vertical | Pass |

Report No.: TW2504014-02E Page 21 of 45

Date: 2025-05-14



High Channel: Horizontal



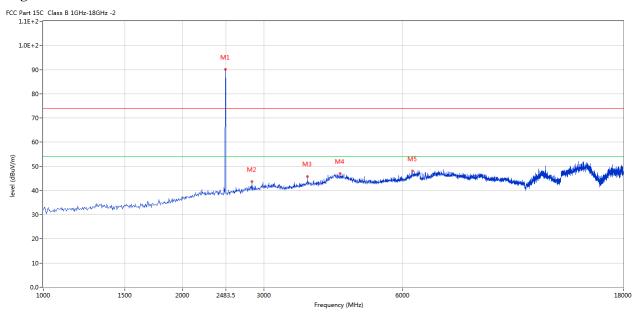
| No. | Frequency | Results | Factor | Limit | Over | Detector | Table | Height | ANT | Verdict |
|-----|-----------|----------|--------|----------|------------|----------|--------|--------|------------|---------|
| | (MHz) | (dBuV/m) | (dB) | (dBuV/m) | Limit (dB) | | (o) | (cm) | | |
| 1 | 2480 | 98.97 | -3.57 | 74.0 | 24.97 | Peak | 263.00 | 100 | Horizontal | N/A |
| 2 | 4960.010 | 60.38 | 3.36 | 74.0 | -13.62 | Peak | 267.00 | 100 | Horizontal | Pass |
| 2** | 4960.010 | 50.33 | 3.36 | 54.0 | -3.67 | AV | 267.00 | 100 | Horizontal | Pass |
| 3 | 2623.094 | 46.14 | -3.24 | 74.0 | -27.86 | Peak | 199.00 | 100 | Horizontal | Pass |
| 4 | 3086.228 | 44.39 | -2.26 | 74.0 | -29.61 | Peak | 78.00 | 100 | Horizontal | Pass |
| 5 | 3676.831 | 44.19 | -0.31 | 74.0 | -29.81 | Peak | 90.00 | 100 | Horizontal | Pass |
| 6 | 4292.927 | 46.99 | 1.82 | 74.0 | -27.01 | Peak | 204.00 | 100 | Horizontal | Pass |

Report No.: TW2504014-02E Page 22 of 45

Date: 2025-05-14



High Channel: Vertical



| No. | Frequency | Results | Factor | Limit | Over Limit | Detector | Table | Height | ANT | Verdict |
|-----|-----------|----------|--------|----------|------------|----------|--------|--------|----------|---------|
| | (MHz) | (dBuV/m) | (dB) | (dBuV/m) | (dB) | | (o) | (cm) | | |
| 1 | 2480 | 90.12 | -3.57 | 74.0 | 16.12 | Peak | 185.00 | 100 | Vertical | N/A |
| 2 | 2831.292 | 43.71 | -2.69 | 74.0 | -30.29 | Peak | 3.00 | 100 | Vertical | Pass |
| 3 | 3732.067 | 45.79 | -0.05 | 74.0 | -28.21 | Peak | 35.00 | 100 | Vertical | Pass |
| 4 | 4390.652 | 47.05 | 1.99 | 74.0 | -26.95 | Peak | 159.00 | 100 | Vertical | Pass |
| 5 | 6302.674 | 48.06 | 4.97 | 74.0 | -25.94 | Peak | 211.00 | 100 | Vertical | Pass |

Note: 1. Level = Reading + AF + Cable - Preamp

- 2. For the radiated emissions above 18G, it is the floor noise.
- 3. The measured PK value less than the AV limit, no necessary to take down the AV measurement result.

Page 23 of 45

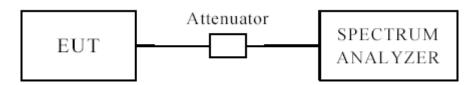
Report No.: TW2504014-02E

Date: 2025-05-14



7.0 6dB Bandwidth Measurement

7.1 Test Setup



7.2 Limits of 6dB Bandwidth Measurement

The minimum of 6dB Bandwidth Measurement is >500 kHz

7.3 Test Procedure

- 1. Set resolution bandwidth (RBW) = 100 kHz
- 2. Set the video bandwidth (VBW) \geq 3 x RBW.
- 3. Detector = Peak.
- 4. Trace mode = max hold.
- 5. Sweep = auto couple.
- 6. Allow the trace to stabilize.
- 7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

7.4 Test Result

Report No.: TW2504014-02E Page 24 of 45

Date: 2025-05-14



6dB BW

| Jub D II | 12 D 11 | | | | | | | | | |
|----------------|-----------------------|----------|-----------------|---|-----------------------|------------|--|--|--|--|
| EUT | VR He | adset | Model | | C | VR-255-64 | | | | |
| Mode Keep Tran | | smitting | Input Voltage | | DC3.8V | | | | | |
| Temperati | Temperature 24 deg. C | | g. C, Humidity | | 56% RH | | | | | |
| Channel | nnel | | andwidth Hz) | М | inimum Limit (kHz) | Pass/ Fail | | | | |
| Low | 2402 | 2402 6 | | | 500 | Pass | | | | |
| Middle | 2440 | 6 | 578 | | 500 | Pass | | | | |
| High | 2480 | 2480 6 | | | 500 | Pass | | | | |

Page 25 of 45

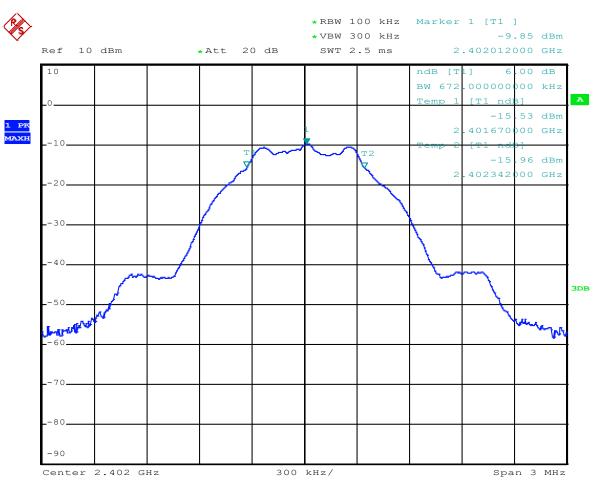
Report No.: TW2504014-02E

Date: 2025-05-14



Test Figure:

1. Condition: Low Channel



Date: 12.MAY.2025 15:19:48

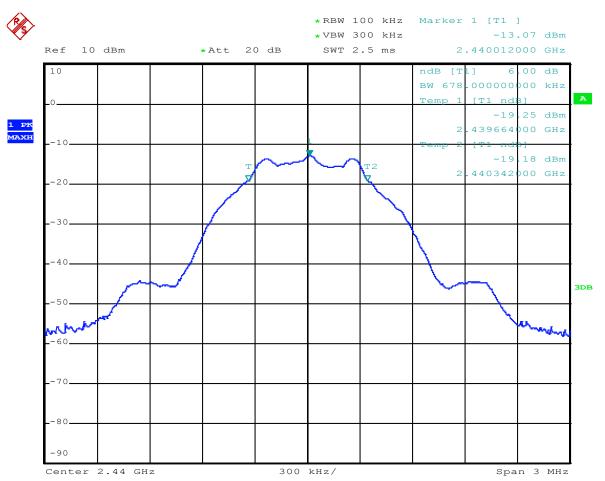
Page 26 of 45

Report No.: TW2504014-02E

Date: 2025-05-14



2. Condition: Middle Channel



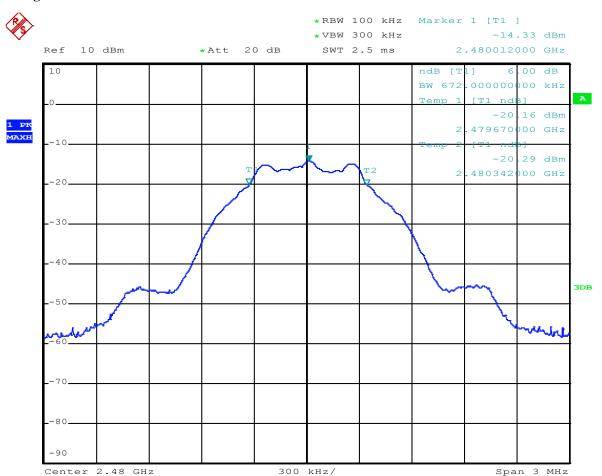
Date: 12.MAY.2025 15:24:36

Report No.: TW2504014-02E Page 27 of 45

Date: 2025-05-14



3. High Channel



Date: 12.MAY.2025 15:29:57

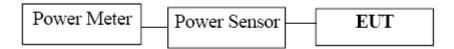
Report No.: TW2504014-02E Page 28 of 45

Date: 2025-05-14



8. Maximum Output Power

8.1 Test Setup



8.2 Limits of Maximum Output Power

The Maximum Output Power Measurement is 30dBm.

8.3 Test Procedure

The RF power output was measured with a Power meter connected to the RF Antenna connector (conducted measurement) while EUT was operating in transmit mode at the appropriate centre frequency.

Note: the Peak power were measured.

Page 29 of 45 Report No.: TW2504014-02E

Date: 2025-05-14



8.4Test Results

| EUT | | VR Head | set | Model | | CVR-255-64 | | |
|-----------|----------------------------|---------|-------------------------|--------|--|---------------------|------------|--|
| Mode | Mode Keep Transmit | | nitting Input Voltage | | | DC3.8V | | |
| Temperatu | rature 24 deg. C, Humidity | | | 56% RH | | | | |
| Channel | Channel Frequency | | Max. Power Output (dBm) | | | Peak Power Limit | Pass/ Fail | |
| Chamier | | (MHz) | Peak | | | (dBm) | | |
| Low | | 2402 | 6.68 | | | 30 | Pass | |
| Middle | | 2440 | 7.05 | | | 30 | Pass | |
| High | | 2480 | 7.56 | | | 30 | Pass | |

Note: 1. the result basic equation calculation as follow:

Max. Power Output = Power Reading + Cable loss + Attenuator

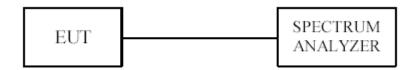
Page 30 of 45 Report No.: TW2504014-02E

Date: 2025-05-14



9. Power Spectral Density Measurement

9.1 Test Setup



9.2 Limits of Power Spectral Density Measurement

The Maximum Power Spectral Density Measurement is 8dBm/3kHz.

9.3 Test Procedure

- 1. Use this procedure when the maximum peak conducted output power in the fundamental emission is used to demonstrate compliance.
- 2. Set the RBW = 10 kHz.
- 3. Set the VBW \geq 30 kHz.
- 4. Set the span to 1.5 times the DTS channel bandwidth.
- 5. Detector = peak.
- 6. Sweep time = auto couple.
- 7. Trace mode = max hold.
- 8. Allow trace to fully stabilize.
- 9. Use the peak marker function to determine the maximum amplitude level.
- 10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.
- 11. The resulting peak PSD level must be $\leq 8 \text{ dBm/3kHz}$.

Report No.: TW2504014-02E Page 31 of 45

Date: 2025-05-14



9.4Test Result

| EUT | | | VR Headset | | Model | CVR | R-255-64 |
|----------|---------------------|-------|--------------|----------------------|----------|------------|------------|
| Mode | | Ke | ep Transmitt | ing | Input | Do | C3.8V |
| | | | Voltage | | | | |
| Temperat | perature 24 deg. C, | | Humidity | 56% RH | | | |
| | Peak | Power | Cable | Final Power Spectral | | Maximum | |
| Channel | Re | ading | Loss | D | ensity | Limit | Pass/ Fail |
| | (d | lBm) | (dB) | (dBn | n/10kHz) | (dBm/3kHz) | |
| | | | | | | | |
| Low | -2 | 20.02 | 0.2 | -19.82 | | 8 | Pass |
| Middle | -2 | 23.14 | 0.2 | -22.94 | | 8 | Pass |
| High | -2 | 24.51 | 0.2 | - | 24.31 | 8 | Pass |

Note: The result basic equation calculation as follow:

Peak Power Output = Peak Power Reading + Cable loss

Page 32 of 45

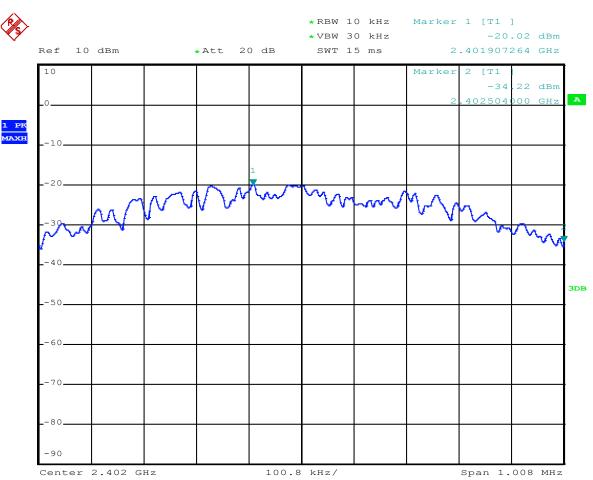
Report No.: TW2504014-02E

Date: 2025-05-14



Test Figure:

1. Condition: Low Channel



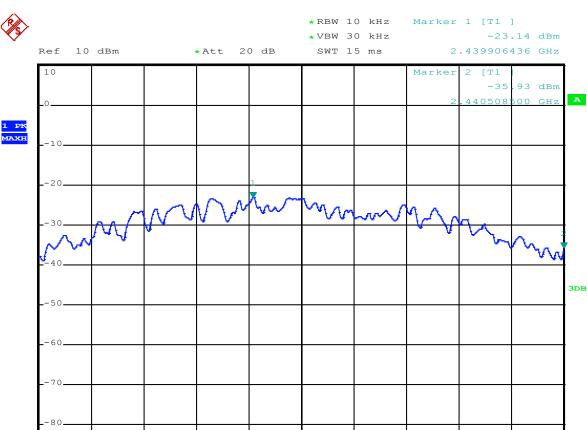
Date: 12.MAY.2025 15:48:24

Report No.: TW2504014-02E Page 33 of 45

Date: 2025-05-14



2. Condition: Middle Channel



101.7 kHz/

Span 1.017 MHz

Date: 12.MAY.2025 15:45:02

Center 2.44 GHz

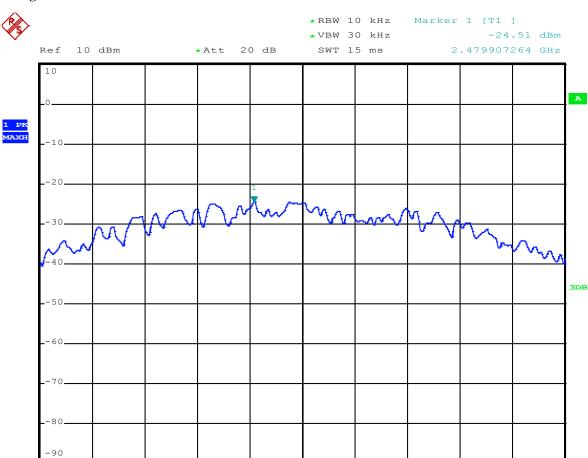
90

Report No.: TW2504014-02E Page 34 of 45

Date: 2025-05-14



3. High Channel



100.8 kHz/

Span 1.008 MHz

Date: 12.MAY.2025 15:36:47

Center 2.48 GHz

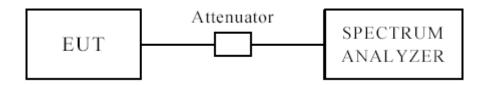
Page 35 of 45

Report No.: TW2504014-02E

Date: 2025-05-14



10 Out of Band Measurement 10.1 Test Setup for band edge



The restricted band requirement based on radiated emission test; please see the clause 6 for the test setup

10.2 Limits of Out of Band Emissions Measurement

- 1. Below –20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).
- 2. Fall in the restricted bands listed in section 15.205. The maximum permitted average field strength is listed in section 15.209.

10.3 Test Procedure

For signals in the restricted bands above and below the 2.4-2.483GHz allocated band a measurement was made of Radiated emission test. (Peak values with RBW=1MHz, VBW=3MHz and PK detector. AV value with RBW=1MHz, VBW=3MHz and RMS detector)

For bandage test, the spectrum set as follows: RBW=100 kHz, VBW=300 kHz. A conducted measurement used

10.4 Test Result

Please see next pages

Note: 1. For band-edge measurement, the frequency from 30MHz-25GHz was tested. And It met the FCC rule.

2. This is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.

Page 36 of 45

Report No.: TW2504014-02E

Date: 2025-05-14



10.4 Band-edge Measurement

| EUT | VR Headset | Model | CVR-255-64 |
|--------------|-------------------|---------------|------------|
| Mode | Keep Transmitting | Input Voltage | DC3.8V |
| Temperature | 24 deg. C, | Humidity | 56% RH |
| Test Result: | Pass | Detector | PK |

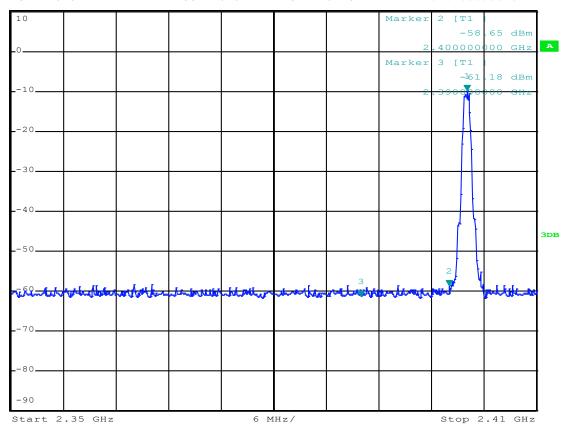
Test Figure:



*RBW 100 kHz Marker 1 [T1] *VBW 300 kHz -9.81 dBm

SWT 10 ms 10 dBm 20 dB 2.402080000 GHz





Date: 12.MAY.2025 15:49:28

Report No.: TW2504014-02E Page 37 of 45

Date: 2025-05-14



10.4 Band-edge Measurement

| EUT | VR Headset | Model | CVR-255-64 |
|--------------|----------------------|---------------|------------|
| Mode | Keeping Transmitting | Input Voltage | DC3.8V |
| Temperature | 24 deg. C, | Humidity | 56% RH |
| Test Result: | Pass | Detector | PK |

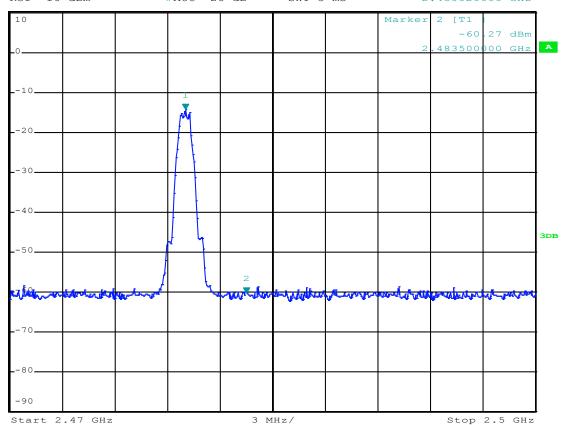
Test Figure:



*RBW 100 kHz Marker 1 [T1] *VBW 300 kHz -14.31 dBm

10 dBm 20 dB SWT 5 ms 2.480020000 GHz -60





Date: 12.MAY.2025 15:37:26

Page 38 of 45

Report No.: TW2504014-02E

Date: 2025-05-14



10.4 Restrict Band Measurement

| | EUT | V J | R Headset | | Model | | | CVR-25 | 5-64 | |
|--------|--|---|--|---|--|----|--|-------------|---------------|------------|
| | Mode | Keep | Transmitti | ng] | Input Voltage | ; | | DC3.8 | BV | |
| T | emperature | 2 | 4 deg. C, | | Humidity | | | 56% F | RH | |
| T | est Result: | | Pass | | | | | | | |
| C Part | : 15C Class B 1GHz-18GHz +2- | -2 | | | | | | | | |
| 1.0E | +2- | | | | | | | | M1 | |
| | 90- | | | | | | | | | |
| | | | | | | | | | | |
| | 80- | | | | | | | | | |
| | 70- | | | | | | | | | |
| | 60- | | | | | | | | | |
| | 50- | | | | | | | | $\overline{}$ | |
| | | | | | | | | | | |
| | 40- | akilyan banka farantisada allan hajanin dega | donarozalkoj kaj i izvoj ujuga kojosk | helmonterprocedure defendant on the defendant | | M2 | latific discontition from Individual | Man | <u>``</u> | khida |
| | 40 | Liebyan,bussarinaniksahaskaniksinasia digi | Hedelier teller Medical Consequences and the | للاقتيمية واستراف الإنفاء والمتاريخ والمتاركة | والمراجع وا | | prince disease of the principle of | MM | ``` | *** |
| | signification of the private state of the first of the design of the state of the s | tickpacksismososoppischkadikuijispopasiedispo | Arramatika Pata Pata para nyaga katab | leterater, m. den firste dieden problike d | and the second s | | <u>agiripadiran pilipadan pinakrif</u> | Willey . | | 444 |
| | 30 - | tida e propinsi sa | Andrewski, Paris I Bengericker Andre | keningke emiliek skrije ubunungganan | addinaediseum na airid | | artistu di saansiityse (markistyse) | WW. | | h di di |
| | 30 - 20 - 10 - | inido _{sia, k} antuu kaanniisaalaad <mark>iin ijis_i maka de</mark> na | and the second | istoriuspynosidu. Aprili, džist mys Afrikasi | and discount allowances and analysis | | aning disease the second | WA. | | |
| | 30- | and year farmer | derenantikarhises i temperantuk kente | | Frequency (MHz) | | and the second s | Mark. | | 2410 |
| | 30 - 20 - 10 - 0.0 - 2350 | Results | Factor | | | | Table | Height | ANT | 2410 |
| | 30 - 20 - 10 - 0.0 - 2350 | | | | Frequency (MHz) | | | Height (cm) | | |
| | 30- 20- 10- 2350 Frequency | Results | Factor | Limit | Frequency (MHz) Over Limit | | Table | - | | 2410 |

Note: The measured PK value less than the AV limit, no necessary to take down the AV measurement result.

Report No.: TW2504014-02E Page 39 of 45

Date: 2025-05-14



10.4 Restrict Band Measurement

| | EUT | V | R Headset | | Model | ļ | | CVR-2 | 55-64 | | |
|----------|------------------------|--|---|--|--|---|---|-------------|--------------|--------|--|
| | Mode | Keej | Transmitt | ing | Input Volt | age | | DC3 | .8V | | |
| Te | mperature | , | 24 deg. C, | | Humidi | ty | | 56% | RH | | |
| Те | est Result: | | Pass | | | | | | | | |
| C Part 1 | 15C Class B 1GHz-18GHz | -2 | | • | | • | | | | | |
| | | | | | | | | | | | |
| 1.0E+ | | | | | | | | M1 | | | |
| g | 90- | | | | | | | | | | |
| 8 | 30- | | | | | | | | | | |
| 7 | 70- | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 5 | 50- | | | | | | | | | | |
| 5 | 10- | | | | | M2 | | | - An | n/A.h | |
| | 30- | bi _{ng te} nding si dalah sa bilang si dalah sa p elabang pelabang, atau penta | in field i de alle de la frei de | برمطة فأخذ عنيساويا إواليار بمدأو المناوية والمناوية | de la colonia de | ang panggan di panggan Panggan di panggan di p | ader and first for distributions of the | M | WIN | green. | |
| 3 | | | | | | | | | | | |
| | 00- | | | | | | | | | | |
| 2 | | | | | | | | | | | |
| | .0- | | | | | | | | | | |
| 1 | .0- | | | | | | | | | 2410 | |
| 1 | | | | Free | quency (MHz) | | | | | 2410 | |
| 0. | .0- | Results | Factor | Free | Quency (MHz) Over Limit | Detector | Table | Height | ANT | ı | |
| 1 | .0- | Results (dBuV/m) | Factor (dB) | 1 | T | Detector | Table (o) | Height (cm) | ANT | ı | |
| 0. | Frequency | | | Limit | Over Limit | Detector Peak | | _ | ANT Vertical | Verdic | |

Note: The measured PK value less than the AV limit, no necessary to take down the AV measurement result.

Report No.: TW2504014-02E Page 40 of 45

Date: 2025-05-14



104 Restrict Band Measurement

| | EUT | EUT VR Headset | | | Model | | | 55-64 | | | |
|-------------------|--|--|-------------|----------------|----------------------------|--|--|--------------------------------------|--|----------------|--|
| Mode | | de Keep Transmitting | | ng | Input Voltage Humidity | | DC3.8V 56% RH | | | | |
| Те | mperature | 24 deg. C, | | | | | | | | | |
| Te | est Result: | | Pass | | | | | | | | |
| CC Part 1 | 15C Class B 1GHz-18GHz | -2 | | <u>'</u> | | ' | | | | | |
| | | | M1 | | | | | | | | |
| 1.0E+ | 2- | | | | | | | | | | |
| 9 | 00- | | | | | | | | | | |
| 8 | 60- | | | | | | | | | | |
| 7 | 70- | | | | | | | | | | |
| 6 | 60- | | | | | | | | | | |
| 5 | 10- | M2 | | | | | | | | | |
| | | | | | | | | | | | |
| | | the analytical state of the sta | | | | | | | | | |
| 4 | 10 - hander siden side of the section while | The same of the sa | | | September 1 | والمتلاء والمتلاط والمتلاء وال | فالالماساء فالمتنع واسطوا الاطاف | werehister in helly white | بالتعوام إيده إبدواريه والقاوما طيمانا الإمواء | HAN | |
| | 10 - Harriston Market M | Proposition of the Proposition o | | | | Attacher and the state of the s | والمتار والمتاريخ والمتاركة والمتاركة والمتاركة والمتاركة والمتاركة والمتاركة والمتاركة والمتاركة والمتاركة وا | mermahaybah, maddyumbah, | يادي منها المناسبة ا | ·h/av | |
| 3 | | | | | | And the second second second second | aribad da de de constituir de | was the short of a strong beginning. | wagangkalanda kalabigan Lafa sari kanal fiyani da | objeka | |
| 3 | 0- | hand and the second | | | | Marine Barrier Control | arthur de dender accide de deletat | nag sagan diperit, in all hydrostadu | بالفائدية (المحدد) بدول معرف أو المحدد ا | white. | |
| 3 2 1 | 10 - | liyanda sayakin karara | | | | Marie Carlo Ca | arthur de parete accide de la belancid | one superport, and Ingention | ooyahida biridii) maximuu too afficiidh | | |
| 3 2 1 | 10- | hy white the same of the same | | 2483.5 Fi | requency (MHz) | Marie Alexander de Carre | ar keel a baraha ana da da babasa d | nervalnifret.nedlyjwaln | oo qabiina hirida jiyaa share kaa Afriidda | 2500 | |
| 3 2 1 | 10 - | Results | Factor | | | Detector | Table | Height | ANT | 2500 | |
| 3 2 1 0. | 0 | | Factor (dB) | Fr | requency (MHz) | | | | | | |
| 1 0. No. | o- 0- 0- 2470 Frequency | Results | | Limit | requency (MHz) Over Limit | | Table | Height | | 2500 | |
| 3 2 1 0. | Frequency (MHz) | Results (dBuV/m) | (dB) | Limit (dBuV/m) | over Limit (dB) | Detector | Table (o) | Height (cm) | ANT | 2500 Verdic | |

Report No.: TW2504014-02E Page 41 of 45

Date: 2025-05-14



10.4 Restrict Band Measurement

| | EUT VR Headset | | | Model | | CVR-255-64 | | | | |
|--------------------------|---------------------------------------|--|-------------|-------------------|--|------------------|---|--|---|----------|
| | Mode | 1 0 | | In | put Voltage | DC3.8V 56% RH | | | | |
| Teı | mperature | | | | Humidity | | | | | |
| Te | st Result: |] | Pass | | | | | | | |
| CC Part 15 | 5C Class B 1GHz-18GHz - | 2 | | | | | | | | |
| | | | | | | | | | | |
| 1.0E+2 | 2- | | M1 | | | | | | | |
| 90 |)- | | | | | | | | | |
| 80 |)- | | | | | | | | | |
| 70 |)- | | | | | | | | | |
| 60 |)- | | <i>f</i> | | | | | | | |
| 50 | D- M2 | | | | | | | | | |
| 50 40 |)- | | | • | | | | | | |
| 40 | - mais and distribution of a laborate | which has been been been been been been been bee | | | and the state of t | · | dikirikal _{a 19} 4 dipakhipari fanyiki | of the state of th | ar hir barrak belanga persintaga bigana | dud life |
| | | | | | | | | | | |
| 30 |)- | | | | | | | | | |
| |)- | | | | | | | | | |
| 30 | 0- | | | | | | | | | |
| 30 20 10 |)-)-)- | | | 2483.5 | | | | | | 2500 |
| 30 20 10 |)- | | | 2483.5 | Frequency (MHz) | | | | | 2500 |
| 30 20 10 0.0 |)-)-)- | Results | Factor | | | Detector | Table | Height | ANT | 1 |
| 30 20 10 0.0 |)-)-)- 2470 | Results (dBuV/m) | Factor (dB) | T | Frequency (MHz) | Detector | Table (o) | Height (cm) | ANT | 1 |
| 30 20 10 0.c. 2 | 50- 50- 52470 Frequency | | | Limit | Over Limit | Detector Peak | | _ | ANT Vertical | 1 |
| 30 20 10 | Frequency (MHz) | (dBuV/m) | (dB) | Limit (dBuV/m) | Over Limit (dB) | | (0) | (cm) | | Verdic |

Report No.: TW2504014-02E

Date: 2025-05-14



Page 42 of 45

11.0 Antenna Requirement

11.1 Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.247 (b), if transmitter antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the mount in dB that the directional gain of the antenna exceeds 6 dBi.

11.2 Antenna Connected construction

FPC antenna used. The gain of the antennas is 1.90dBi (Get from the antenna specification provided the manufacturer)

Report No.: TW2504014-02E Page 43 of 45

Date: 2025-05-14



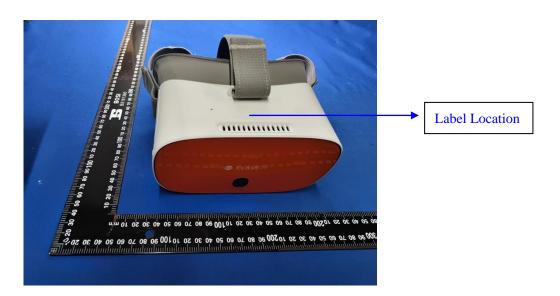
12.0 FCC ID Label

FCC ID: 2BNWDCVR-355-128M

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

Mark Location:



Page 44 of 45

Report No.: TW2504014-02E

Date: 2025-05-14



13.0 **Photo of testing**

Conducted Emission Test Setup:

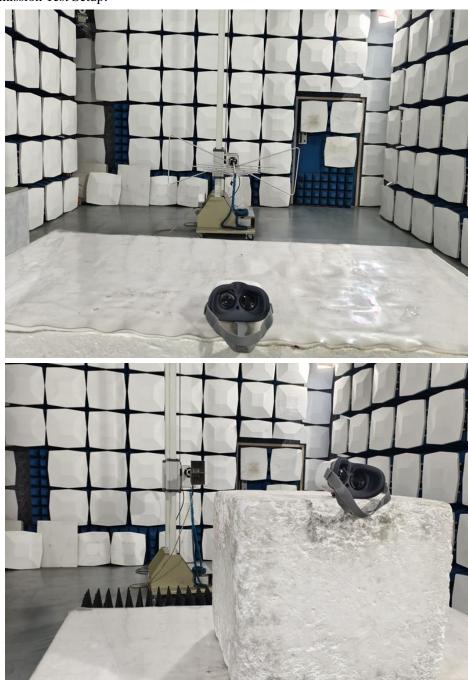


Report No.: TW2504014-02E

Date: 2025-05-14



Radiated Emission Test Setup:



Photographs - EUT

Please refer test report TW2504014-01E

End of the report

The report refers only to the sample tested and does not apply to the bulk.

This report is issued in confidence to the client and it will be strictly treated as such by the SHENZHEN TIMEWAY TESTING LABORATORIES. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the SHENZHEN TIMEWAY TESTING LABORATORIES. to his customer. Supplier or others persons directly concerned. SHENZHEN TIMEWAY TESTING LABORATORIES. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The SHENZHEN TIMEWAY TESTING LABORATORIES, reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.