

TEST REPORT

| Report Number | : | TZ0035241107FRF19 |
|----------------------|---|--|
| Product Name | : | Talkies-Walkies 3D |
| Model/Type reference | : | TW18DINO, TW18UNI |
| FCC ID | : | UU8-TW18 |
| Prepared for | : | Lexibook America |
| | | C/O Pramex International 1251 Avenue of the Americas, 3rd Fl., New York, New York 10020, United States |

| Prepared By | : Shenzhen Tongzhou Testing Co.,Ltd. | | | |
|---|---|--|--|--|
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| Standards | EFCC CFR Title 47 Part 95 Subpart B, ANSI C63.26-2015 | | | |
| Date of Test | : 2024-11-12 ~ 2024-11-24 | | | |
| Date of Issue | : 2024-11-25 | | | |
| Prepared by Reviewed by Approved by | Lena Wen Lena Wen (File administrators) Lena Wen Max Zhang Max Zhang (Technique principal) Max Zhang Andy Zhang Andy Zhang (General Manager) Andy Zhang | | | |

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** Report Revise Record **

| Report Version | Revise Time | Issued Date | Valid Version | Notes |
|-----------------------|-------------|-------------|---------------|-----------------|
| V1.0 | / | 2024-11-25 | Valid | Initial release |



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1. GENERAL INFORMATION

1.1. Client Information

| Applicant | : Lexibook America |
|--------------|--|
| Address | . C/O Pramex International 1251 Avenue of the Americas, 3rd Fl., New York, New York 10020, United States |
| Manufacturer | : Lexibook America |
| Address | . C/O Pramex International 1251 Avenue of the Americas, 3rd Fl., New York, New York 10020, United States |

1.2. Description of Device (EUT)

| Product Name | : Talkies-Walkies 3D |
|-------------------|--|
| Trade Mark | : LEXIBOOK |
| Model Number | : TW18DINO, TW18UNI |
| Model Declaration | : All the same except for the model name and outer housing |
| Test Model | : TW18DINO |
| Power Supply | : DC 4.5V by 1.5V*3 batteries |
| Hardware version | : V1.0 |
| Software version | : V1.0 |

1.3. Wireless Function Tested in this Report

| FRS 462MHz Band | |
|-----------------------|----------------------------|
| Operation Frequency | : 462.5625MHz, 462.7125MHz |
| Channel Number | : 2 Channels |
| Modulation Technology | : FM |
| Antenna Type And Gain | : Internal antenna, 0 dBi |

Note 1: Antenna position refer to EUT Photos. Note 2: the above information was supplied by the applicant.



FCC

Designation Number: CN1275 Test Firm Registration Number: 167722 Shenzhen Tongzhou Testing Co.,Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

A2LA

Certificate Number: 5463.01 Shenzhen Tongzhou Testing Co.,Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

IC

ISED#: 22033 CAB identifier: CN0099 Shenzhen Tongzhou Testing Co.,Ltd. has been listed by Innovation, Science and Economic Development Canada to perform electromagnetic emission measurement.

The 3m-Semi anechoic test site fulfils CISPR 16-1-4 according to ANSI C63.4 and CISPR 16-1-4:2010

1.5. Statement of the Measurement Uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 – 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the Shenzhen Tongzhou Testing Co.,Ltd.'s quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.



1.6. Measurement Uncertainty

| Test Item | | Frequency Range | Uncertainty | Note |
|------------------------|---|-----------------|-------------|------|
| | | 9KHz~30MHz | ±3.08dB | (1) |
| Radiation Uncertainty | : | 30MHz~1000MHz | ±3.92dB | (1) |
| | | 1GHz~40GHz | ±4.28dB | (1) |
| Conduction Uncertainty | : | 150kHz~30MHz | ±2.71dB | (1) |

(1). This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

1.7. Description of Test Modes

The EUT has been tested under operating condition.

This test was performed with EUT in X, Y, Z position and the worst case was found when EUT in X position.

1.8. Frequency of Channels

| Frequency Band | Channel No. | Frequency(MHz) | Channel No. | Frequency(MHz) | | |
|--|-------------|----------------|-------------|----------------|--|--|
| FRS 462MHz | 1 | 462.5625 | 2 | 462.7125 | | |
| For EUTs that operate in a frequency range of 1 MHz or less , only one test frequency is required. The | | | | | | |
| test frequency 462.5625 MHz was selected. | | | | | | |



2. TEST METHODOLOGY

All measurements contained in this report were conducted with ANSI C63.26-2015, American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services. The radiated testing was performed at an antenna-to-EUT distance of 3 meters. All radiated and conducted emissions measurement was performed at Shenzhen Tongzhou Testing Co.,Ltd.

2.1. EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner that intends to maximize its emission characteristics in a continuous normal application.

EUT

2.2. EUT Related Submittal (s) / Grant (s)

This submittal(s) (test report) is intended for **FCC ID: UU8-TW18** filing to comply with FCC Part 2, FCC Part 95 Subpart B of the FCC CFR 47 Rules.

2.3. Test Sample

| Sample ID | Description |
|-----------------|-------------------------------------|
| TZ0035241107–1# | Normal sample – continuous transmit |



3. SYSTEM TEST CONFIGURATION

3.1. Justification

The system was configured for testing in a continuous transmits condition.

3.2. Special Accessories

| No. | Equipment | Manufacturer | Model No. | Serial No. | Length | shielded/ unshielded | Notes |
|-----|-----------|--------------|-----------|------------|--------|-------------------------|-------|
| / | / | / | / | / | / | / | / |

3.3. Block Diagram/Schematics

Please refer to the related document.

3.4. Equipment Modifications

Shenzhen Tongzhou Testing Co.,Ltd. has not done any modification on the EUT.

3.5. Test Setup

Please refer to the test setup photo.



4. SUMMARY OF TEST RESULTS

| FCC Rules | Description of Test | Sample ID | Result |
|-------------------------|---------------------|-----------------|-----------|
| §95.587 | Antenna Equipment | TZ0035241107–1# | Compliant |
| § 95.567 & 2.1046(a) | Transmitter Power | TZ0035241107–1# | Compliant |
| §95.575 & 2.1047(a) (b) | Modulation Limit | TZ0035241107–1# | Compliant |
| §95.573 & §2.1049 | Bandwidth | TZ0035241107–1# | Compliant |
| §95.579 & 2.1049 | Unwanted Emissions | TZ0035241107–1# | Compliant |
| §95.565 & 2.1055(a) (1) | Frequency Stability | TZ0035241107–1# | Compliant |

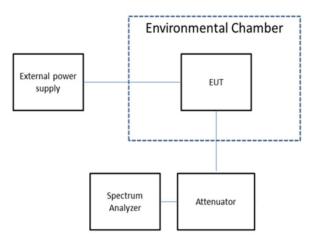


5.1. Frequency Stability

5.1.1. Standard Applicable

Each FRS transmitter type must be designed such that the carrier frequencies remain within ± 2.5 parts-permillion (ppm) of the channel center frequencies specified in §95.563 during normal operating conditions.

5.1.2. Block Diagram of Test Setup



5.1.3. Test Procedures

Frequency stability versus environmental temperature

- 1. Setup the configuration for frequencies measurement inside an environment chamber, Install new battery in the EUT.
- 2. Turn on EUT and set SA center frequency to the EUT radiated frequency. Set SA Resolution Bandwidth to 300Hz and Video Resolution Bandwidth to 1kHz and Frequency Span to 10kHz.Record this frequency as reference frequency.
- 3. Set the temperature of chamber to 50℃. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize. While maintaining a constant temperature inside the chamber, turn the EUT on and measure the EUT operating frequency.
- 4. Repeat step 2 with a 10°C decreased per stage until the lowest temperature -30°C is measured, record all measured frequencies on each temperature step.

Frequency stability versus input voltage

- Setup the configuration per figure 1 for frequencies measured at temperature if it is within 15℃ to 25℃. Otherwise, an environment chamber set for a temperature of 20℃ shall be used. The EUT shall be powered by normal voltage.
- 2. Set SA center frequency to the EUT radiated frequency. Set SA Resolution Bandwidth to 300Hz and Video Resolution Bandwidth to 1kHz. Record this frequency as reference frequency.
- 3. Supply the EUT primary voltage at the operating end point which is specified by manufacturer and record the frequency.

5.1.4. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.



Test Channel: 462.5625MHz

| Test conditions | | |
|-------------------|---------|-----------------------|
| Voltage Condition | Temp(℃) | Frequency error (ppm) |
| | -20 | 0.45 |
| | -10 | 0.61 |
| | 0 | 0.53 |
| NI) / | 10 | 0.42 |
| NV | 20 | 0.39 |
| | 30 | 0.51 |
| | 40 | 0.51 |
| | 50 | 0.42 |
| LV | 20 | 0.39 |
| HV | 20 | 0.42 |
| Limit(ppm) | 2.50 | |
| Result | PASS | |

NV: Normal Voltage 4.5V LV: Low Voltage 3.8V HV: High Voltage 5.2V

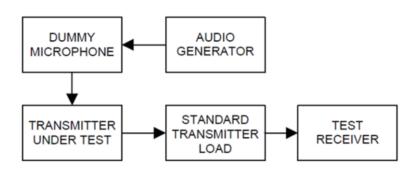


5.2. Bandwidth

5.2.1. Standard Applicable

The authorized bandwidth for an FRS unit is 12.5 kHz.

5.2.2. Block Diagram of Test Setup



5.2.3. Test Procedures

- 1. The EUT was modulated by 2.5kHz sine wave audio signal; the level of the audio signal employed is 16dB greater than that necessary to produce 50% of rated system deviation.
- 2. Rated system deviation is 2.5 kHz for 12.5kHz channel spacing.
- 3. Spectrum set as follow:

Centre Frequency = Fundamental Frequency,

Span=30kHz for 12.5kHz channel spacing, RBW=300Hz, VBW=1kHz, Sweep = Auto,

Detector Function = Peak, Trace = Max hold

- 4. Set 99% Occupied Bandwidth and 26dB Emission Bandwidth.
- 5. Measure and record the results in the test report.

5.2.4. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.



Test Results 5.2.5.

| Test Channel | Occupied Bandwidth (kHz) | Emission Bandwidth (kHz) | Limits (kHz) | Result |
|--------------|-----------------------------|-----------------------------|-----------------|--------|
| 462.5625 MHz | 8.207 | 10.41 | 12.5 | Pass |

| Agilent Spectrum Analyzer - Occupied BW | | | | | |
|---|-----------------------------|--|------------------------|-------------------------|----------------------|
| | | ENSE:INT | | MNov 22, 2024 | Frequency |
| Center Freq 462.562500 M | Hz Center Trig: Fr | Freq: 462.562500 MHz ee Run Avg Hol | Radio Std d > 10/10 | : None | ricquoney |
| | #IFGain:Low #Atten : | | Radio De | /ice: BTS | |
| | | | | | |
| 10 dB/div Ref 30.00 dBm | | | | | |
| | | | | | |
| 20.0 | | | | | Center Freg |
| 10.0 | | | | | 462.562500 MHz |
| 0.00 | | \wedge | | | 402.002000 11112 |
| | \land | | | | |
| -10.0 | | | | | |
| -20.0 | Abr | | | | |
| -30.0 | | | A - | | |
| -40.0 | | · · · · | | | |
| -50.0 | V · | [*] | NN | | |
| -60.0 palman mon mon man | | | Varian | mm de Mar | |
| | | | | 4 4 4 7 4 | |
| Center 462.6 MHz | | | Sp | an 30 kHz | |
| #Res BW 300 Hz | #V | /BW 1 kHz | | 408.4 ms | CF Step 3.000 kHz |
| | | | | | Auto Man |
| Occupied Bandwidth | 1 | Total Power | 8.53 dBm | | |
| a a a a a a a a a a a a a a a a a a a | .207 kHz | | | | |
| | | | | | Freq Offset |
| Transmit Freq Error | -18 Hz | OBW Power | 99.00 % | | 0 Hz |
| | | | | | |
| x dB Bandwidth | 10.41 kHz | x dB | -26.00 dB | | |
| | | | | | |
| | | | | | |
| | | | | | |
| MSG | | | STATUS | | |
| | | | | | |

Test Graph for 462.5625MHz

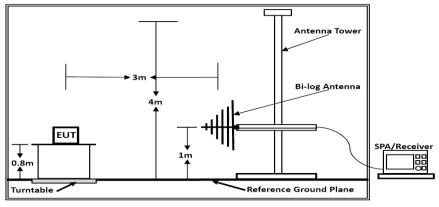


5.5. Transmitter Fower

5.3.1. Standard Applicable

Each FRS transmitter type must be designed such that the effective radiated power (ERP) on channels 8 through 14 does not exceed 0.5 Watts and the ERP on channels 1 through 7 and 15 through 22 does not exceed 2.0 Watts.

5.3.2. Block Diagram of Test Setup



Below 1GHz

5.3.3. Test Procedures

The EUT shall be placed on a RF-transparent table or support at a nominal height of 80 cm above the reference ground plane. Radiated measurements shall be made with the measurement antenna positioned in both horizontal and vertical polarization. The measurement antenna shall be varied from 1 m to 4 m in height above the reference ground in a search for the relative positioning that produces the maximum radiated signal level (i.e., field strength or received power). When orienting the measurement antenna in vertical polarization, the minimum height of the lowest element of the antenna shall clear the site reference ground plane by at least 25 cm.

Cables or wires inclusive to the EUT shall be configured so as to maximize the measured emission levels. The EUT controls shall also be adjusted to maximize the emission according to the manufacturer's specifications. The modulation applied shall be based on the guidance provided in the manufacturer's specifications. When necessary, field strength measurements shall be converted to ERP or EIRP for comparison to the applicable regulatory limits.

E $(dB\mu V/m)$ = Measured amplitude level $(dB\mu V)$ + Cable Loss (dB)+ Antenna Factor (dB/m). EIRP (dBm) = E (dBuV/m) + 20log(D) - 104.8, where D is the measurement distance (in the fardfield region) in m.

5.3.4. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.



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5.3.5. Test Results

| Frequency (MHz) | Antenna Polarization | ERP Result (dBm) | ERP Result (W) | Limit (W) | Result |
|--------------------|----------------------|---------------------|-------------------|--------------|--------|
| 462.5625 | V | 8.05 | 0.0064 | 2.0 | Pass |
| 462.5625 | Н | 3.54 | 0.0023 | 2.0 | Pass |



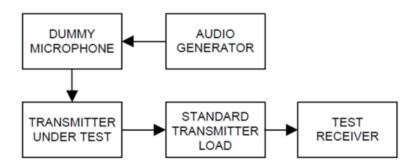
5.4. Modulation Characteristics

5.4.1. Standard Applicable

According to FCC§2.1047 and §95.575, for Voice Modulation Communication Equipment, the frequency response of the audio modulation circuit over a range of 100 to 5000Hz shall be measured.

Each FRS transmitter type must be designed such that the peak frequency deviation does not exceed 2.5 kHz, and the highest audio frequency contributing substantially to modulation must not exceed 3.125 kHz.

5.4.2. Block Diagram of Test Setup



5.4.3. Test Procedures

Modulation Limit

- 1. Test layout and build equipment as shown above.
- 2. adjust the audio input for 60% of rated system deviation at 1kHz using this level as a reference (0dB).
- 3. Vary the input level from -20 to +20dB.
- 4. Record the frequency deviation obtained as a function of the input level.
- 5. Repeat step 2 with input frequency changing to 300, 1000, 1500 and 3000Hz in sequence.

Audio Frequency Response

- 1. Test layout and build equipment as shown above.
- 2. Adjust the audio input for 20% of rated system deviation at 1 kHz using this level as a reference (0 dB).
- 3. Vary the Audio frequency from 100 Hz to 10 kHz and record the frequency deviation.
- 4. Audio Frequency Response = 20log10 (Deviation of test frequency/Deviation of 1 kHz reference).

5.4.4. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.



Modulation Limit:

| 462.5625MHz@ 12.5 kHz Channel Separation | | | | | | |
|--|------------------|-----------------------|-------------------|-------------------|--|--|
| | Peak Freq. | Peak Freq. Peak Freq. | | Peak Freq. | | |
| Modulation Level | Deviation At 300 | Deviation At 1000 | Deviation At 1500 | Deviation At 3000 | | |
| (dB) | Hz (kHz) | Hz (kHz) | Hz (kHz) | Hz (kHz) | | |
| -20 | 0.28 | 0.44 | 0.39 | 0.68 | | |
| -15 | 0.37 | 0.51 | 0.72 | 0.71 | | |
| -10 | 0.41 | 0.72 | 0.54 | 1.84 | | |
| -5 | 0.38 | 0.61 | 0.51 | 1.41 | | |
| 0 | 0.55 | 0.58 | 1.24 | 1.55 | | |
| +5 | 0.68 | 0.97 | 1.34 | 1.28 | | |
| +10 | 0.61 | 0.84 | 1.27 | 1.64 | | |
| +15 | 0.63 | 1.12 | 1.18 | 1.74 | | |
| +20 | 0.64 | 0.87 | 1.54 | 1.49 | | |



Audio Frequency Response:

| 462.5625MHz@ 12.5 kHz Channel Separation | | | | |
|--|-----------------|------------------------------|------------------|--|
| Frequency (Hz) | Lower Limit(dB) | Audio Frequency Response(dB) | Higher Limit(dB) | |
| 300 | -17.84 | -11.27 | -9.42 | |
| 400 | -12.86 | -8.61 | -6.93 | |
| 500 | -9.00 | -6.44 | -5.00 | |
| 600 | -7.42 | -5.36 | -3.42 | |
| 700 | -6.09 | -3.84 | -2.09 | |
| 800 | -4.93 | -1.88 | -0.93 | |
| 900 | -3.91 | -1.41 | 0.09 | |
| 1000 | -3 | 0.00 | 1.00 | |
| 1100 | -2.17 | 0.87 | 1.83 | |
| 1200 | -1.42 | 1.41 | 2.58 | |
| 1300 | -0.73 | 2.64 | 3.27 | |
| 1400 | -0.09 | 3.18 | 3.91 | |
| 1500 | 0.51 | 3.81 | 4.51 | |
| 1600 | 1.07 | 4.55 | 5.07 | |
| 1700 | 1.59 | 4.78 | 5.59 | |
| 1800 | 2.09 | 5.28 | 6.09 | |
| 1900 | 2.56 | 5.44 | 6.56 | |
| 2000 | 3.00 | 5.66 | 7.00 | |
| 2100 | 3.42 | 6.41 | 7.42 | |
| 2200 | 3.83 | 6.37 | 7.83 | |
| 2300 | 4.21 | 6.85 | 8.21 | |
| 2400 | 4.21 | 7.41 | 8.58 | |
| 2500 | 4.21 | 7.53 | 8.93 | |
| 2600 | 4.21 | 6.98 | 9.27 | |
| 2700 | 4.21 | 6.14 | 9.60 | |
| 2800 | 3.58 | 5.38 | 9.91 | |
| 2900 | 2.97 | 4.29 | 10.22 | |
| 3000 | 2.39 | 4.53 | 10.51 | |



5.5.1. Standard Applicable

Each FRS transmitter type must be designed to satisfy the applicable unwanted emissions limits in this paragraph.

(a) Attenuation requirements. The power of unwanted emissions must be attenuated below the carrier power output in Watts (P) by at least:

(1) 25 dB (decibels) in the frequency band 6.25 kHz to 12.5 kHz removed from the channel center frequency.

(2) 35 dB in the frequency band 12.5 kHz to 31.25 kHz removed from the channel center frequency.

(3) 43 + 10 log (P) dB in any frequency band removed from the channel center frequency by more than 31.25 kHz.

(b) Measurement bandwidths. The power of unwanted emissions in the frequency bands specified in paragraphs (a)(1) and (2) of this section is measured with a reference bandwidth of 300 Hz. The power of unwanted emissions in the frequency range specified in paragraph (a)(3) is measured with a reference bandwidth of at least 30 kHz.

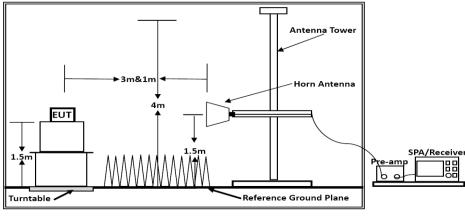
c) Measurement conditions. The requirements in this section apply to each FRS transmitter type both with and without the connection of permitted attachments, such as an external speaker, microphone and/or power cord.

RX Antenna EUT SP<u>A/Receive</u> 1.0 0.8m Turntable 🖊 Reference Ground Plane Below 30MHz Antenna Towe 3m Bi-log Antenna 4m EUT SPA/Receive 盟 0.8m Reference Ground Plane Turntable 🖊

5.5.2. Block Diagram of Test Setup

Below 1GHz







5.5.3. Test Procedures

The power of unwanted emissions in the frequency range specified in paragraph (a)(3)

For radiated emissions measurements performed at frequencies less than or equal to 1 GHz, the EUT shall be placed on a RF-transparent table or support at a nominal height of 80 cm above the reference ground plane. Radiated measurements shall be made with the measurement antenna positioned in both horizontal and vertical polarization. The measurement antenna shall be varied from 1 m to 4 m in height above the reference ground in a search for the relative positioning that produces the maximum radiated signal level (i.e., field strength or received power). When orienting the measurement antenna in vertical polarization, the minimum height of the lowest element of the antenna shall clear the site reference ground plane by at least 25 cm.

For radiated measurements performed at frequencies above 1 GHz, the EUT shall be placed on an RF transparent table or support at a nominal height of 1.5 m above the ground plane. Radiated measurements shall be made with the measurement antenna positioned in both horizontal and vertical polarization. The height scan of the measurement antenna shall be varied from 1 m to 4 m in a search for the relative positioning that produces the maximum radiated signal level (i.e., field strength or received power). When using the direct field strength method and the EUT is manipulated through three different orientations, then the scan height range of the measurement antenna is limited to 2.5 m, or 0.5 m above the top of the EUT, whichever is higher.

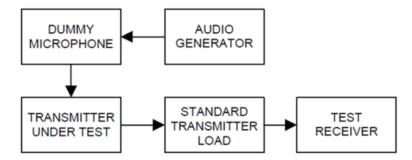
Cables or wires inclusive to the EUT shall be configured so as to maximize the measured emission levels. The EUT controls shall also be adjusted to maximize the emission according to the manufacturer's specifications. The modulation applied shall be based on the guidance provided in the manufacturer's specifications. When necessary, field strength measurements shall be converted to ERP or EIRP for comparison to the applicable regulatory limits.

E $(dB\mu V/m)$ = Measured amplitude level $(dB\mu V)$ + Cable Loss (dB)+ Antenna Factor (dB/m). EIRP (dBm) = E (dBuV/m) + 20log(D) - 104.8, where D is the measurement distance (in the fardfield region) in m.



The power of unwanted emissions in the frequency bands specified in paragraphs (a)(1) and (2)

The detailed procedure employed for Emission Mask measurements are specified as following:



-Connect the equipment as illustrated.

-Spectrum set as follow:

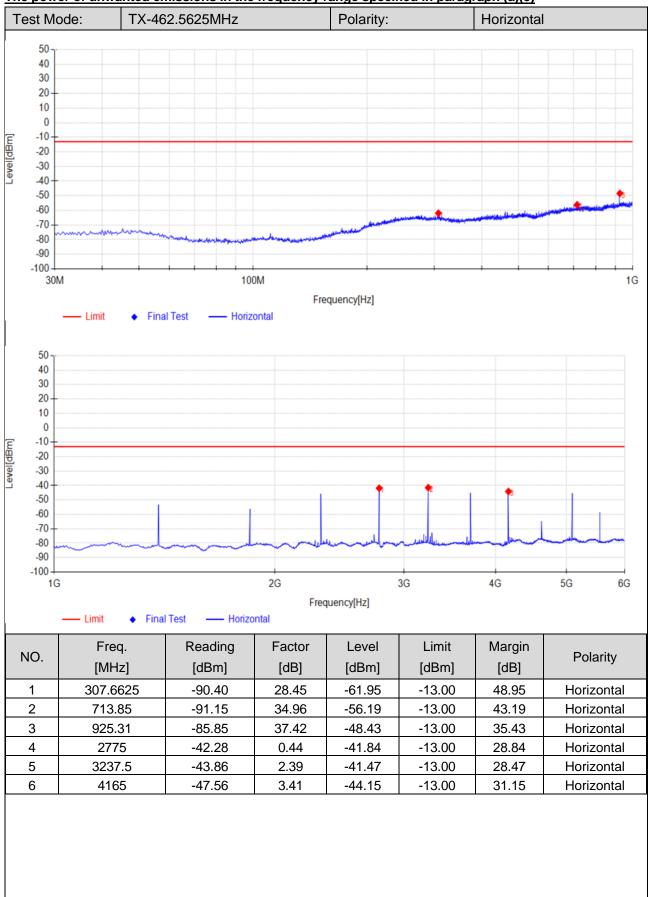
- 1. Centre frequency = fundamental frequency, Span=150kHz for 12.5kHz , RBW=300Hz, VBW=1000Hz ;
- 2. Sweep = auto, Detector function = peak, Trace = max hold
- 3. Key the transmitter, and set the level of the unmodulated carrier to a full scale reference line. This is the 0dB reference for the measurement.
- 4. Modulate the transmitter with a 2500 Hz sine wave at an input level 16 dB greater than that necessary to produce 50% of rated system deviation (Rated system deviation is 2.5 kHz for 12.5kHz channel spacing). The input level shall be established at the frequency of maximum response of the audio modulating circuit.
- 5. Transmitters employing digital modulation techniques that bypass the limiter and the audio low-pass filter shall be modulated as specified by the manufacturer.
- 6. Measure and record the results in the test report.

5.5.4. EUT Operation during Test

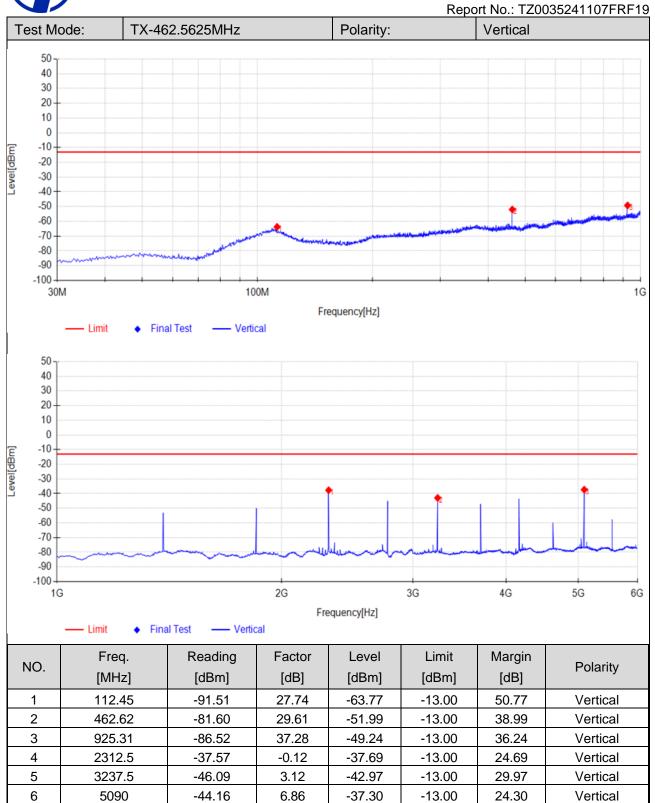
The EUT was programmed to be in continuously transmitting mode.



The power of unwanted emissions in the frequency range specified in paragraph (a)(3)



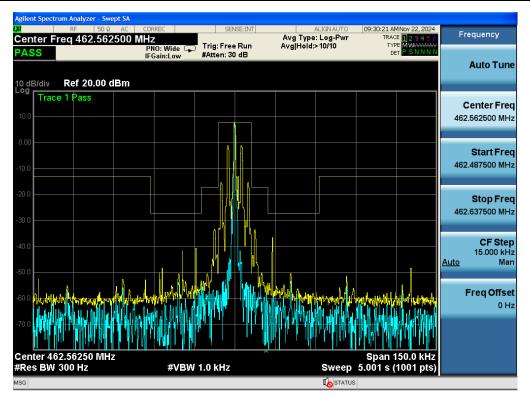






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The power of unwanted emissions in the frequency bands specified in paragraphs (a)(1) and (2)





5.6. Antenna Requirements

5.6.1. Standard Applicable

The antenna of each FRS transmitter type must meet the following requirements.

- (1) The antenna must be a non-removable integral part of the FRS transmitter type.
- (2) The gain of the antenna must not exceed that of a half-wave dipole antenna.
- (3) The antenna must be designed such that the electric field of the emitted waves is vertically polarized when the unit is operated in the normal orientation.
- The antenna of this device is **permanently attached**.
- There are no provisions for connection to an external antenna.

5.6.2. Antenna Connector Construction

The directional gains of antenna used for transmitting is refer to section 1.1 of this report, and the antenna is an internal antenna connect to PCB board and no consideration of replacement. Please see EUT photo for details.

5.6.3. Results

Compliance

Report No.: TZ0035241107FRF19



6. LIST OF MEASURING EQUIPMENTS

| Item | Test Equipment | Manufacturer | Model No. | Serial No. | Calibration Date | Calibration Due Date |
|------|---------------------------------------|--------------|------------------|-------------|---------------------|-------------------------|
| 1 | EMI Test Receiver | R&S | ESCI-7 | 100849/003 | 2024/1/4 | 2025/1/3 |
| 2 | Signal Generator (SG B) | Keysight | N5182A | MY4620709 | 2024/1/4 | 2025/1/3 |
| 3 | Signal Generator(SG C) | R&S | SML03 | 102924/0013 | 2024/1/4 | 2025/1/3 |
| 4 | Climate Chamber | KRUOMR | KRM-1000 | KRM16072901 | 2024/1/4 | 2025/1/3 |
| 5 | RF COMMUNICATION TEST SET(SG A) | HP | 8921A | 3430A01131 | 2024/1/4 | 2025/1/3 |
| 6 | Wideband Antenna | schwarzbeck | VULB 9163 | 958 | 2022/11/13 | 2025/11/12 |
| 7 | Wideband Antenna | Sunol | JB3 | A020115 | 2022/11/13 | 2025/11/12 |
| 8 | Amplifier | schwarzbeck | BBV 9743 | 209 | 2024/1/4 | 2025/1/3 |
| 9 | Amplifier | Tonscend | TSAMP- 0518SE | | 2024/1/4 | 2025/1/3 |
| 10 | Horn Antenna | schwarzbeck | BBHA 9120D | 01989 | 2022/11/13 | 2025/11/12 |
| 11 | Horn Antenna | schwarzbeck | 9120D- 1141 | 1574 | 2022/11/13 | 2025/11/12 |
| 12 | 50Ω RF Load | MKRF | RFA001 | RFA001 | 2024/1/4 | 2025/1/3 |
| 13 | Attenuator | JS | RFA004 | RFA004 | 2024/1/4 | 2025/1/3 |
| 14 | Controller | MF | MF7802 | N/A | N/A | N/A |
| 15 | MXA Signal Analyzer | Keysight | N9020A | MY52091623 | 2024/1/4 | 2025/1/3 |
| 16 | Test Software | Tonscend | JS36-RSE | V5.0.0.0 | N/A | N/A |



7. TEST SETUP Photographs of EUT

Please refer to separated files for Test Setup Photos of the EUT.

8. EXTERIOR PHOTOGRAPHS OF THE EUT

Please refer to separated files for External Photos of the EUT.

9. INTERIOR PHOTOGRAPHS OF THE EUT

Please refer to separated files for Internal Photos of the EUT.

-----THE END OF REPORT------