

# TEST REPORT

**Application No.:** SZCR2412004929AT  
**Applicant:** ASAP Technology(Jiangxi) Co., Ltd.  
**Address of Applicant:** Ji'an Industrial Park, Ji'an, 343100, Jiangxi, China  
**Manufacturer:** ASAP Technology(Jiangxi) Co., Ltd.  
**Address of Manufacturer:** Ji'an Industrial Park, Ji'an, 343100, Jiangxi, China  
**Equipment Under Test (EUT):**  
**EUT Name:** Walkie Talkie  
**Model No.:** 100070695  
**Trade Mark:**



**FCC ID:** 2APXNLWT008  
**Standard(s) :** 47 CFR Part 95, Subpart B  
**Date of Receipt:** 2024-12-31  
**Date of Test:** 2025-01-02 to 2025-02-17  
**Date of Issue:** 2025-02-18

|                     |              |
|---------------------|--------------|
| <b>Test Result:</b> | <b>Pass*</b> |
|---------------------|--------------|

\* In the configuration tested, the EUT complied with the standards specified above.

*Keny Xu*

Keny Xu  
EMC Laboratory Manager



SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch EMC Laboratory

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200492902

Page: 2 of 40

| Revision Record |         |            |          |          |
|-----------------|---------|------------|----------|----------|
| Version         | Chapter | Date       | Modifier | Remark   |
| 01              |         | 2025-02-18 |          | Original |
|                 |         |            |          |          |
|                 |         |            |          |          |

|                          |  |                            |  |  |
|--------------------------|--|----------------------------|--|--|
| Authorized for issue by: |  |                            |  |  |
|                          |  | Edison Li                  |  |  |
|                          |  | Edison Li/Project Engineer |  |  |
|                          |  | Eric Fu                    |  |  |
|                          |  | Eric Fu/Reviewer           |  |  |



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## 2 Test Summary

| Radio Spectrum Technical Requirement |                           |        |                                     |        |
|--------------------------------------|---------------------------|--------|-------------------------------------|--------|
| Item                                 | Standard                  | Method | Requirement                         | Result |
| Antenna Requirement                  | 47 CFR Part 95, Subpart B | N/A    | 47 CFR Part 95, Subpart B 95.587(b) | Pass   |

| Radio Spectrum Matter Part     |                           |                     |                                          |        |
|--------------------------------|---------------------------|---------------------|------------------------------------------|--------|
| Item                           | Standard                  | Method              | Requirement                              | Result |
| Frequency Stability            | 47 CFR Part 95, Subpart B | ANSI/TIA-603-E:2016 | 47 CFR FCC Part95.565 & FCC Part2.1055;  | Pass   |
| Effective Radiated Power (ERP) | 47 CFR Part 95, Subpart B | ANSI/TIA-603-E:2016 | 47 CFR FCC Part95.567 & FCC Part2.1046;  | Pass   |
| Occupied Bandwidth             | 47 CFR Part 95, Subpart B | ANSI/TIA-603-E:2016 | 47 CFR FCC Part 95.573 & FCC Part2.1049; | Pass   |
| Modulation characteristics     | 47 CFR Part 95, Subpart B | ANSI/TIA-603-E:2016 | 47 CFR FCC Part 95.575 & FCC Part2.1047; | Pass   |
| Radiated Spurious Emissions    | 47 CFR Part 95, Subpart B | ANSI/TIA-603-E:2016 | 47 CFR FCC Part 95.579 & FCC Part2.1053; | Pass   |

### Note:

E.U.T./EUT means Equipment Under Test.

Pass means the test result passed the test standard requirement, please find the detailed decision rule in the report relative section.



## 3 Contents

|                                                 | Page |
|-------------------------------------------------|------|
| 1 Cover Page .....                              | 1    |
| 2 Test Summary.....                             | 3    |
| 3 Contents .....                                | 4    |
| 4 General Information.....                      | 6    |
| 4.1 Details of E.U.T.....                       | 6    |
| 4.2 Description of Support Units.....           | 6    |
| 4.3 Measurement Uncertainty .....               | 7    |
| 4.4 Test Location .....                         | 8    |
| 4.5 Test Facility.....                          | 8    |
| 4.6 Deviation from Standards.....               | 8    |
| 4.7 Abnormalities from Standard Conditions..... | 8    |
| 5 Equipment List .....                          | 9    |
| 6 Radio Spectrum Technical Requirement.....     | 11   |
| 6.1 Antenna Requirement .....                   | 11   |
| 6.1.1 Test Requirement: .....                   | 11   |
| 6.1.2 Conclusion .....                          | 11   |
| 7 Radio Spectrum Matter Test Results.....       | 12   |
| 7.1 Frequency Stability.....                    | 12   |
| 7.1.1 E.U.T. Operation .....                    | 12   |
| 7.1.2 Test Mode Description .....               | 12   |
| 7.1.3 Test Setup Diagram .....                  | 12   |
| 7.1.4 Measurement Procedure and Data.....       | 13   |
| 7.2 Effective Radiated Power (ERP).....         | 15   |
| 7.2.1 E.U.T. Operation .....                    | 15   |
| 7.2.2 Test Mode Description .....               | 15   |
| 7.2.3 Test Setup Diagram .....                  | 15   |
| 7.2.4 Measurement Procedure and Data.....       | 16   |
| 7.3 Occupied Bandwidth .....                    | 17   |
| 7.3.1 E.U.T. Operation .....                    | 17   |
| 7.3.2 Test Mode Description .....               | 17   |
| 7.3.3 Test Setup Diagram .....                  | 17   |
| 7.3.4 Measurement Procedure and Data.....       | 18   |
| 7.4 Modulation characteristics .....            | 21   |
| 7.4.1 E.U.T. Operation .....                    | 21   |
| 7.4.2 Test Mode Description .....               | 21   |
| 7.4.3 Test Setup Diagram .....                  | 21   |
| 7.4.4 Measurement Procedure and Data.....       | 21   |
| 7.5 Radiated Spurious Emissions.....            | 34   |
| 7.5.1 E.U.T. Operation .....                    | 34   |



# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200492902

Page: 5 of 40

|          |                                                     |           |
|----------|-----------------------------------------------------|-----------|
| 7.5.2    | Test Mode Description .....                         | 34        |
| 7.5.3    | Test Setup Diagram .....                            | 35        |
| 7.5.4    | Measurement Procedure and Data.....                 | 36        |
| <b>8</b> | <b>Test Setup Photo .....</b>                       | <b>40</b> |
| <b>9</b> | <b>EUT Constructional Details (EUT Photos).....</b> | <b>40</b> |



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## 4 General Information

### 4.1 Details of E.U.T.

|                                     |                                                        |
|-------------------------------------|--------------------------------------------------------|
| Power supply:                       | 4.5V DC(1.5V x3 "AA" Size Batteries)                   |
| Cable Loss (for RF conducted test): | 0.5dB                                                  |
| Operation Frequency:                | 462.5500MHz to 462.7250MHz, 467.5625MHz to 467.7125MHz |
| Modulation Type:                    | FM                                                     |
| Emission Type:                      | F3E                                                    |
| Antenna Type:                       | Spring Antenna                                         |
| Antenna Gain:                       | -4.44dBi                                               |

Remark: The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

### Channel Lists

| Channel | Frequency(MHz) | Channel | Frequency(MHz) |
|---------|----------------|---------|----------------|
| 1       | 462.5625       | 12      | 467.6625       |
| 2       | 462.5875       | 13      | 467.6875       |
| 3       | 462.6125       | 14      | 467.7125       |
| 4       | 462.6375       | 15      | 462.5500       |
| 5       | 462.6625       | 16      | 462.5750       |
| 6       | 462.6875       | 17      | 462.6000       |
| 7       | 462.7125       | 18      | 462.6250       |
| 8       | 467.5625       | 19      | 462.6500       |
| 9       | 467.5875       | 20      | 462.6750       |
| 10      | 467.6125       | 21      | 462.7000       |
| 11      | 467.6375       | 22      | 462.7250       |

### Selected Test Channel

| Channel                    | Frequency   |
|----------------------------|-------------|
| The lowest channel (CH15)  | 462.5500MHz |
| The middle channel (CH22)  | 462.7250MHz |
| The highest channel (CH14) | 467.7125MHz |

### 4.2 Description of Support Units

| Description | Manufacturer | Model No. | Serial No. |
|-------------|--------------|-----------|------------|
| --          | --           | --        | --         |

The EUT has been tested as an independent unit.

## 4.3 Measurement Uncertainty

| Test Item                                        | Measurement Uncertainty            |
|--------------------------------------------------|------------------------------------|
| Bandwidth                                        | 3%                                 |
| Duty cycle                                       | 0.37%                              |
| RF conducted tests                               | 0.75dB                             |
| Effective (Isotropic) Radiated Power Output Data | 0.75dB                             |
| Radiated Spurious Emissions                      | 4.5dB below 1GHz; 4.8dB above 1GHz |
| Frequency stability                              | $7.25 \times 10^{-8}$              |

### Remark:

The  $U_{lab}$  (lab Uncertainty) is less than  $U_{CISPR/ETSI}$  (CISPR/ETSI Uncertainty), so the test results

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.



## 4.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch

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Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

## 4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

### • A2LA (Certificate No. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

### • VCCI (Member No. 1937)

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen EMC laboratory have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

### • FCC –Designation Number: CN1336

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1336. Test Firm Registration Number: 787754.

### • Innovation, Science and Economic Development Canada

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

## 4.6 Deviation from Standards

None

## 4.7 Abnormalities from Standard Conditions

None





## 5 Equipment List

| RF Conducted Test                           |                              |               |               |            |              |
|---------------------------------------------|------------------------------|---------------|---------------|------------|--------------|
| Equipment                                   | Manufacturer                 | Model No.     | Inventory No. | Cal Date   | Cal Due Date |
| Shielding Room                              | SAEMC                        | MSR733        | SEM001-09     | 2022/5/14  | 2025/5/13    |
| DC Power Supply                             | Chroma                       | 62012P-80-60  | SEM011-11     | 2024/8/14  | 2025/8/13    |
| MXA Signal Analyzer                         | KEYSIGHT                     | N9020A        | SEM004-17     | 2024/3/27  | 2025/3/26    |
| Signal Generator                            | Rohde & Schwarz              | SMW200A       | SEM006-19     | 2024/8/15  | 2025/8/14    |
| Measurement Software                        | TST PASS                     | TST PASS V2.0 | N/A           | N/A        | N/A          |
| Coaxial Cable                               | SGS                          | N/A           | SEM031-01     | 2024/07/07 | 2025/07/06   |
| Attenuator                                  | Huber+Suhner                 | 6620_SMA-50-1 | SEM021-09     | 2024/3/27  | 2025/3/26    |
| Programmable Temperature & Humidity Chamber | Votsch Industrietechnik GmbH | VT 4002       | SEM002-15     | 2024/3/19  | 2025/3/18    |
| Audio Analyzer                              | Rohde & Schwarz              | UPV           | SEM008-03     | 2024/8/16  | 2025/8/15    |
| CELL SITE TEST SET                          | HP                           | 8921A         | SEM010-18     | 2025/1/7   | 2026/1/6     |

| Effective Radiated Power (ERP) |                      |                 |               |            |              |
|--------------------------------|----------------------|-----------------|---------------|------------|--------------|
| Equipment                      | Manufacturer         | Model No.       | Inventory No. | Cal Date   | Cal Due Date |
| Loop Antenna                   | ETS-Lindgren         | 6502            | SEM003-08     | 2023/11/20 | 2025/11/19   |
| 3m Semi-Anechoic Chamber       | ETS-LINDGREN         | N/A             | SEM001-01     | 2023/6/19  | 2026/6/18    |
| MXE EMI Receiver               | Agilent Technologies | N9038A          | SEM004-15     | 2024/8/14  | 2025/8/13    |
| BiConiLog Antenna              | ETS-LINDGREN         | 3142C           | SEM003-01     | 2023/9/16  | 2025/9/15    |
| Pre-Amplifier                  | Agilent Technologies | 8447D           | SEM005-01     | 2024/3/14  | 2025/3/13    |
| Measurement Software           | AUDIX                | e3 V8.2014-6-27 | N/A           | N/A        | N/A          |
| Coaxial Cable                  | SGS                  | N/A             | SEM025-01     | 2024/07/07 | 2025/07/06   |
| Alternative Antenna            | SCHWARZBECK          | VULB9168        | SEM003-44     | 2023/6/18  | 2025/6/17    |
| Alternative Antenna            | ETS-LINDGREN         | 3117            | SEM003-11     | 2023/9/16  | 2025/9/15    |

| Radiated Spurious Emissions Below 1GHz |                      |                 |               |            |              |
|----------------------------------------|----------------------|-----------------|---------------|------------|--------------|
| Equipment                              | Manufacturer         | Model No.       | Inventory No. | Cal Date   | Cal Due Date |
| Loop Antenna                           | ETS-Lindgren         | 6502            | SEM003-08     | 2023/11/20 | 2025/11/19   |
| 3m Semi-Anechoic Chamber               | ETS-LINDGREN         | N/A             | SEM001-01     | 2023/6/19  | 2026/6/18    |
| MXE EMI Receiver                       | Agilent Technologies | N9038A          | SEM004-15     | 2024/8/14  | 2025/8/13    |
| BiConiLog Antenna                      | ETS-LINDGREN         | 3142C           | SEM003-01     | 2023/9/16  | 2025/9/15    |
| Pre-Amplifier                          | Agilent Technologies | 8447D           | SEM005-01     | 2024/3/14  | 2025/3/13    |
| Measurement Software                   | AUDIX                | e3 V8.2014-6-27 | N/A           | N/A        | N/A          |
| Coaxial Cable                          | SGS                  | N/A             | SEM025-01     | 2024/07/07 | 2025/07/06   |
| Alternative Antenna                    | SCHWARZBECK          | VULB9168        | SEM003-44     | 2023/6/18  | 2025/6/17    |



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200492902

Page: 10 of 40

| Radiated Spurious Emissions Above 1GHz |                 |                 |               |            |              |
|----------------------------------------|-----------------|-----------------|---------------|------------|--------------|
| Equipment                              | Manufacturer    | Model No.       | Inventory No. | Cal Date   | Cal Due Date |
| 3m Fully-Anechoic Chamber              | AUDIX           | N/A             | SEM001-02     | 2024/5/11  | 2027/5/10    |
| Signal Analyzer                        | Rohde & Schwarz | FSV40           | SEM008-04     | 2024/3/15  | 2025/3/14    |
| Horn Antenna                           | Rohde&Schwarz   | HF907           | SEM003-07     | 2023/7/23  | 2025/7/22    |
| Microwave system amplifier             | Agilent         | 83017A          | SEM005-25     | 2024/09/14 | 2025/09/13   |
| Measurement Software                   | AUDIX           | e3 V8.2014-6-27 | N/A           | N/A        | N/A          |
| Coaxial Cable                          | SGS             | N/A             | SEM026-01     | 2024/07/07 | 2025/07/06   |
| Broad-Band Horn Antenna                | Schwarzbeck     | BBHA 9170       | SEM003-15     | 2024/8/10  | 2025/8/9     |
| Alternative Antenna                    | ETS-LINDGREN    | 3117            | SEM003-11     | 2023/9/16  | 2025/9/15    |

| General used equipment          |                                           |           |               |            |              |
|---------------------------------|-------------------------------------------|-----------|---------------|------------|--------------|
| Equipment                       | Manufacturer                              | Model No. | Inventory No. | Cal Date   | Cal Due Date |
| Humidity/ Temperature Indicator | deli                                      | 8838      | SEM002-32     | 2024-07-24 | 2025-07-23   |
| Humidity/ Temperature Indicator | deli                                      | 8838      | SEM002-33     | 2024-07-24 | 2025-07-23   |
| Barometer                       | Changchun Meteorological Industry Factory | DYM3      | SEM002-01     | 2024-03-18 | 2025-03-17   |



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## 6 Radio Spectrum Technical Requirement

### 6.1 Antenna Requirement

#### 6.1.1 Test Requirement:

47 CFR Part 95, Subpart B 95.587(b)

#### 6.1.2 Conclusion

95.587(b) Requirement:

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.

EUT Antenna:

The antenna is a undetachable monopole antenna and no consideration of replacement. The antenna gain is -4.44dBi and with vertically polarized.



## 7 Radio Spectrum Matter Test Results

### 7.1 Frequency Stability

Test Requirement 47 CFR FCC Part 95.565

Test Method: ANSI/TIA-603-E:2016

Limit: For FCC Part 95.565:

Each FRS transmitter type must be designed such that the carrier frequencies remain within  $\pm 2.5$  parts-per-million of the channel center frequencies specified in §95.563 during normal operating conditions.

#### 7.1.1 E.U.T. Operation

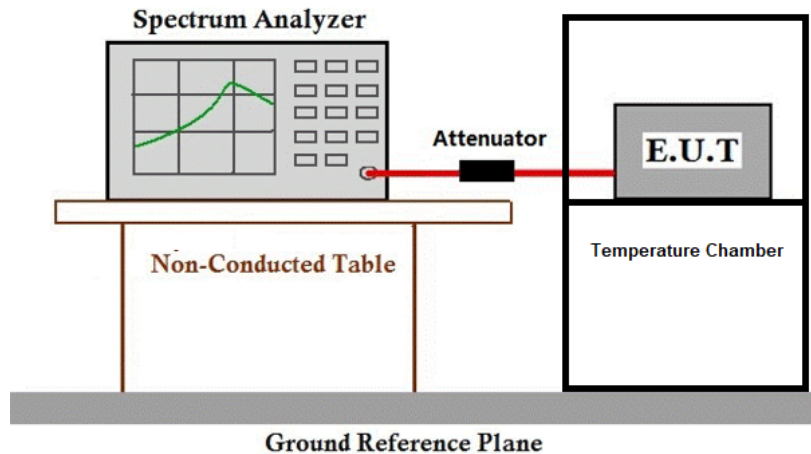
Operating Environment:

Temperature: 22.5 °C Humidity: 52.6 % RH Atmospheric Pressure: 1020 mbar

#### 7.1.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description                               |
|-----------------------|-----------|-------------------------------------------|
| Final test            | 02        | TX mode_Keep the EUT in transmitting mode |

#### 7.1.3 Test Setup Diagram





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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200492902

Page: 13 of 40

## 7.1.4 Measurement Procedure and Data

| Assigned Frequency: 462.5500MHz |                  |                         |                          |                 |        |
|---------------------------------|------------------|-------------------------|--------------------------|-----------------|--------|
| Voltage(V)                      | Temperature (°C) | Measured Frequency(MHz) | Frequency Deviation(ppm) | FCC Limit (ppm) | Result |
| 4.5                             | -30              | 462.54996               | -0.10                    | ±2.5            | Pass   |
|                                 | -20              | 462.55001               | 0.03                     |                 |        |
|                                 | -10              | 462.55004               | 0.09                     |                 |        |
|                                 | 0                | 462.54999               | -0.02                    |                 |        |
|                                 | 10               | 462.55005               | 0.10                     |                 |        |
|                                 | 20               | 462.55000               | 0.00                     |                 |        |
|                                 | 30               | 462.55002               | 0.04                     |                 |        |
|                                 | 40               | 462.55001               | 0.02                     |                 |        |
|                                 | 50               | 462.55004               | 0.08                     |                 |        |
| 4.95                            | 25               | 462.54996               | -0.09                    | ±2.5            | Pass   |
| 4.05                            | 25               | 462.55001               | 0.01                     |                 |        |

| Assigned Frequency: 462.7250MHz |                  |                         |                          |                 |        |
|---------------------------------|------------------|-------------------------|--------------------------|-----------------|--------|
| Voltage(V)                      | Temperature (°C) | Measured Frequency(MHz) | Frequency Deviation(ppm) | FCC Limit (ppm) | Result |
| 4.5                             | -30              | 462.72500               | 0.01                     | ±2.5            | Pass   |
|                                 | -20              | 462.72503               | 0.07                     |                 |        |
|                                 | -10              | 462.72500               | 0.01                     |                 |        |
|                                 | 0                | 462.72496               | -0.10                    |                 |        |
|                                 | 10               | 462.72501               | 0.02                     |                 |        |
|                                 | 20               | 462.72501               | 0.02                     |                 |        |
|                                 | 30               | 462.72503               | 0.07                     |                 |        |
|                                 | 40               | 462.72504               | 0.08                     |                 |        |
|                                 | 50               | 462.72495               | -0.11                    |                 |        |
| 4.95                            | 25               | 462.72505               | 0.11                     | ±2.5            | Pass   |
| 4.05                            | 25               | 462.72497               | -0.06                    |                 |        |



# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200492902

Page: 14 of 40

| Assigned Frequency: 467.7125MHz |                  |                         |                          |                 |        |
|---------------------------------|------------------|-------------------------|--------------------------|-----------------|--------|
| Voltage(V)                      | Temperature (°C) | Measured Frequency(MHz) | Frequency Deviation(ppm) | FCC Limit (ppm) | Result |
| 4.5                             | -30              | 467.71253               | 0.07                     | ±2.5            | Pass   |
|                                 | -20              | 467.71251               | 0.02                     |                 |        |
|                                 | -10              | 467.71253               | 0.06                     |                 |        |
|                                 | 0                | 467.71254               | 0.07                     |                 |        |
|                                 | 10               | 467.71247               | -0.06                    |                 |        |
|                                 | 20               | 467.71254               | 0.08                     |                 |        |
|                                 | 30               | 467.71252               | 0.05                     |                 |        |
|                                 | 40               | 467.71247               | -0.07                    |                 |        |
|                                 | 50               | 467.71245               | -0.10                    |                 |        |
| 4.95                            | 25               | 467.71246               | -0.10                    | ±2.5            | Pass   |
| 4.05                            | 25               | 467.71252               | 0.04                     |                 |        |



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### 7.2 Effective Radiated Power (ERP)

Test Requirement 47 CFR FCC Part95.567 & FCC Part2.1046;  
 Test Method: ANSI/TIA-603-E:2016  
 Measurement Distance: 3m  
 Test instrumentation resolution bandwidth 100 kHz (30 MHz – 1000 MHz)  
 Limit:

For FCC Part 95.567:

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.

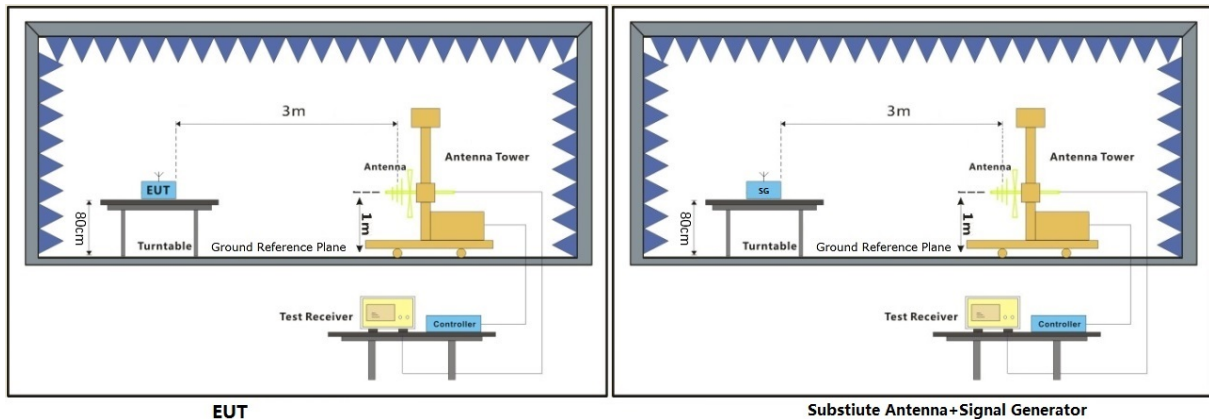
#### 7.2.1 E.U.T. Operation

Operating Environment:  
 Temperature: 22.5 °C Humidity: 52.6 % RH Atmospheric Pressure: 1020 mbar

#### 7.2.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description                               |
|-----------------------|-----------|-------------------------------------------|
| Final test            | 02        | TX mode_Keep the EUT in transmitting mode |

#### 7.2.3 Test Setup Diagram



## 7.2.4 Measurement Procedure and Data

The technique used to find the output power of the transmitter was the antenna substitution method. The following test procedure was followed:

- 1). The EUT was powered ON and placed on a 0.8m high table in the chamber. The antenna of the transmitter was extended to its maximum length.
- 2). The disturbance of the transmitter was maximized on the test receiver display by lowering 1m the receive antenna and by rotating through 360° the turntable. After the fundamental emission was maximized, a field strength measurement was made.
- 3). Steps 1) and 2) were performed with the EUT and the receive antenna in both vertical and horizontal polarization.
- 4). The transmitter was then removed and replaced with another antenna. The center of the antenna was approximately at the same location as the center of the transmitter.
- 5). A signal at the disturbance was fed to the substitution antenna by means of a non-radiating cable. With both the substitution and the receive antennas horizontally polarized, the receive antenna was raised and lowered to obtain a maximum reading at the test receiver. The level of the signal generator was adjusted until the measured field strength level in step 2) is obtained for this set of conditions.
- 6). The output power into the substitution antenna was then measured.
- 7). Steps 5) and 6) were repeated with both antennas polarized.
- 8). Calculate power in dBm by the following formula:

$$ERP [dBm] = SGP [dBm] - \text{Cable Loss} [dB] + \text{Gain} [dBi]$$

Where:

Pg is the generator output power into the substitution antenna.

## Effective Radiated Power of Transmitter (ERP)

| Frequency (MHz) | ERP (dBm) | Limit (dBm) | Over Limit (dB) | S.G. Power (dBm) | Cable Loss (dB) | Antenna Gain (dBi) | Polarization (H/V) | Result |
|-----------------|-----------|-------------|-----------------|------------------|-----------------|--------------------|--------------------|--------|
| 462.5500        | 17.94     | 33.00       | -15.06          | 19.27            | 1.42            | 2.244              | Horizontal         | Pass   |
| 462.5500        | 25.28     | 33.00       | -7.72           | 26.61            | 1.42            | 2.244              | Vertical           | Pass   |
| 462.7250        | 15.47     | 33.00       | -17.53          | 16.80            | 1.42            | 2.244              | Horizontal         | Pass   |
| 462.7250        | 25.46     | 33.00       | -7.54           | 26.79            | 1.42            | 2.244              | Vertical           | Pass   |
| 467.7125        | 10.42     | 26.98       | -16.56          | 11.74            | 1.44            | 2.267              | Horizontal         | Pass   |
| 467.7125        | 25.11     | 26.98       | -1.87           | 26.43            | 1.44            | 2.267              | Vertical           | Pass   |

### Note:

For getting the ERP (Efficient Radiated Power) in substitution method, the following formula should be taken to calculate it:

$$EIRP(dBm) = SGP(dBm) - \text{Cable Loss}(dB) + \text{Substitution Gain}(dBi)$$

$$ERP = EIRP - 2.15$$

SGP=Signal Generator Power

RBW > emission bandwidth, VBW > 3 x RBW, Detector: RMS

### 7.3 Occupied Bandwidth

Test Requirement 47 CFR FCC Part 95.573 & FCC Part2.1049;  
 Test Method: ANSI/TIA-603-E:2016  
 Limit: For FCC Part 95.573:  
 Each FRS transmitter type must be designed such that the occupied bandwidth does not exceed 12.5 kHz.

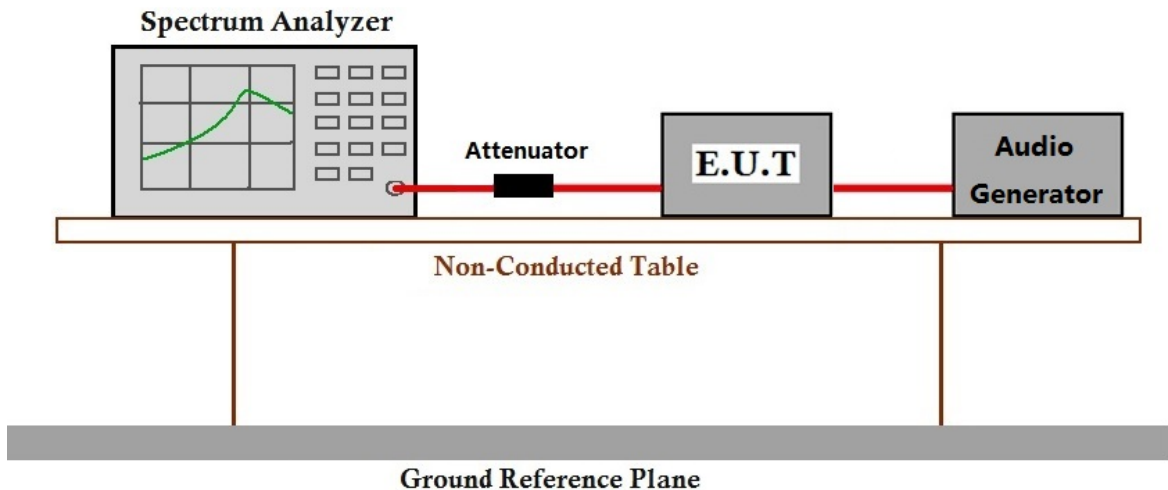
#### 7.3.1 E.U.T. Operation

Operating Environment:  
 Temperature: 22.5 °C Humidity: 52.6 % RH Atmospheric Pressure: 1020 mbar

#### 7.3.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description                               |
|-----------------------|-----------|-------------------------------------------|
| Final test            | 02        | TX mode_Keep the EUT in transmitting mode |

#### 7.3.3 Test Setup Diagram



# SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200492902

Page: 18 of 40

## 7.3.4 Measurement Procedure and Data

| Channel | Frequency (MHz) | Channel Spacing (KHz) | Authorized Bandwidths (99% OBW, KHz) | Authorized Bandwidths (26dB, KHz) | Limit (dBm) | Result |
|---------|-----------------|-----------------------|--------------------------------------|-----------------------------------|-------------|--------|
| Low     | 462.5500        | 12.5                  | 9.652                                | 10.45                             | 12.5        | Pass   |
| Middle  | 462.7250        | 12.5                  | 9.631                                | 10.44                             | 12.5        | Pass   |
| High    | 467.7125        | 12.5                  | 9.634                                | 10.44                             | 12.5        | Pass   |



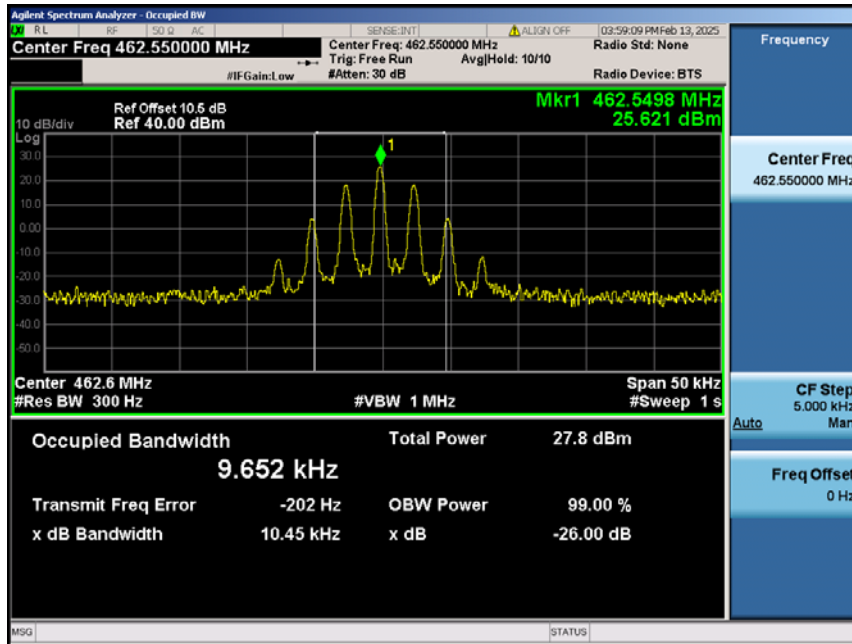
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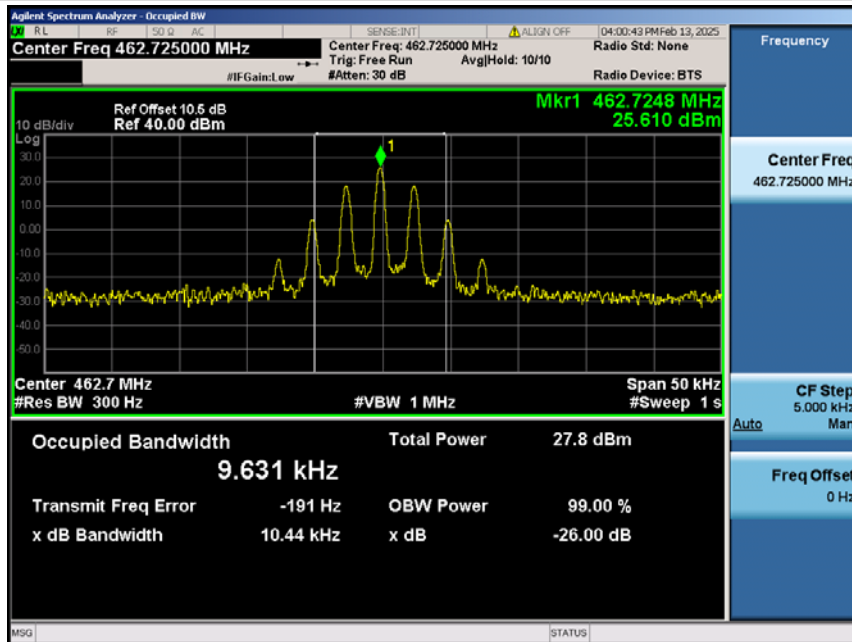
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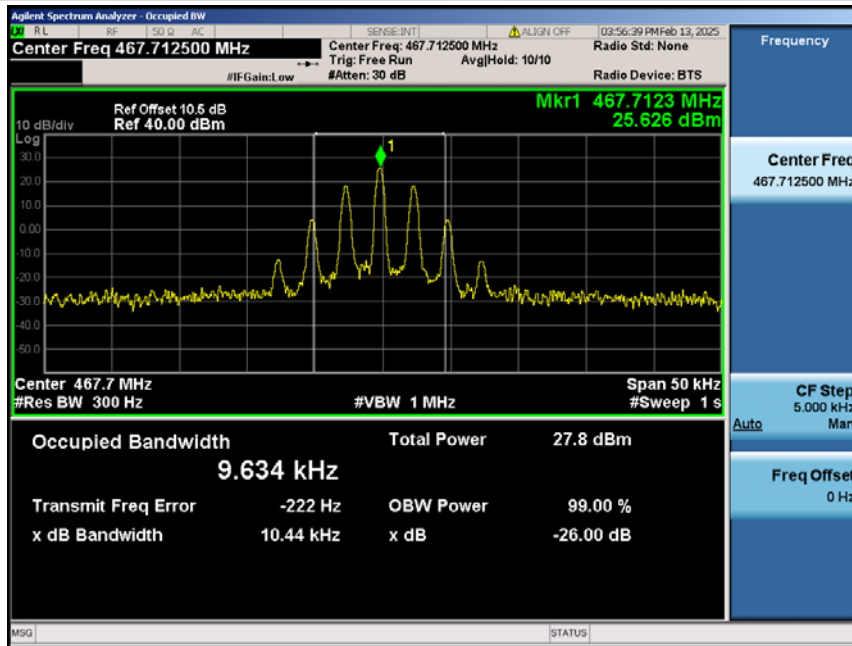
### FM mode, Assigned Frequency: 462.5500MHz



### FM mode, Assigned Frequency: 462.7250MHz



FM mode, Assigned Frequency: 467.7125MHz



### 7.4 Modulation characteristics

Test Requirement 47 CFR FCC Part 95.575 & FCC Part2.1047;  
 Test Method: ANSI/TIA-603-E:2016  
 Limit: For FCC Part 95.575:

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.

#### 7.4.1 E.U.T. Operation

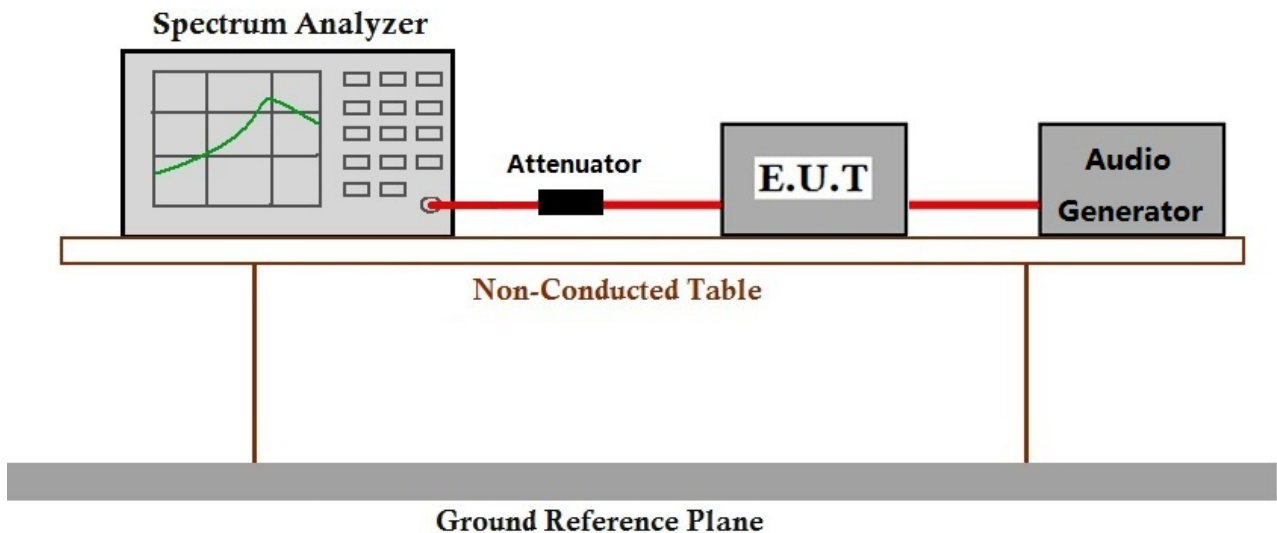
Operating Environment:

Temperature: 22.5 °C Humidity: 52.6 % RH Atmospheric Pressure: 1020 mbar

#### 7.4.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description                               |
|-----------------------|-----------|-------------------------------------------|
| Final test            | 02        | TX mode_Keep the EUT in transmitting mode |

#### 7.4.3 Test Setup Diagram

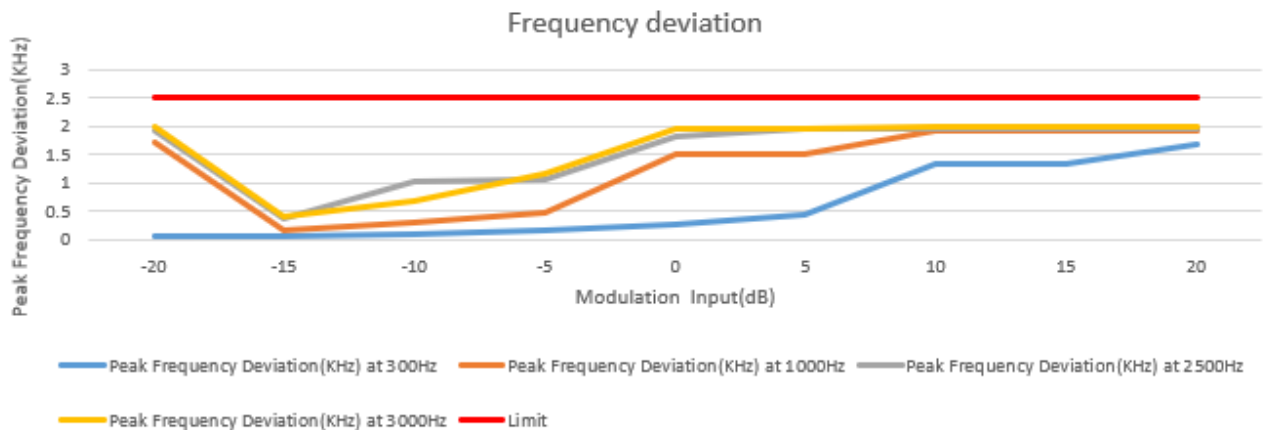


#### 7.4.4 Measurement Procedure and Data

### Test result:

#### a. Frequency deviation:

| Channel : 462.5500MHz FRS |                                        |                                         |                                         |                                         |             |
|---------------------------|----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-------------|
| Modulation Input(dB)      | Peak Frequency Deviation(KHz) at 300Hz | Peak Frequency Deviation(KHz) at 1000Hz | Peak Frequency Deviation(KHz) at 2500Hz | Peak Frequency Deviation(KHz) at 3000Hz | Limit (KHz) |
| -20                       | 0.071                                  | 1.707                                   | 1.930                                   | 1.972                                   | 2.50        |
| -15                       | 0.069                                  | 0.165                                   | 0.362                                   | 0.389                                   | 2.50        |
| -10                       | 0.096                                  | 0.291                                   | 1.029                                   | 0.664                                   | 2.50        |
| -5                        | 0.160                                  | 0.475                                   | 1.048                                   | 1.146                                   | 2.50        |
| 0                         | 0.255                                  | 1.510                                   | 1.815                                   | 1.940                                   | 2.50        |
| 5                         | 0.448                                  | 1.518                                   | 1.951                                   | 1.937                                   | 2.50        |
| 10                        | 1.338                                  | 1.920                                   | 1.968                                   | 1.972                                   | 2.50        |
| 15                        | 1.342                                  | 1.903                                   | 1.967                                   | 1.988                                   | 2.50        |
| 20                        | 1.693                                  | 1.918                                   | 1.965                                   | 1.995                                   | 2.50        |





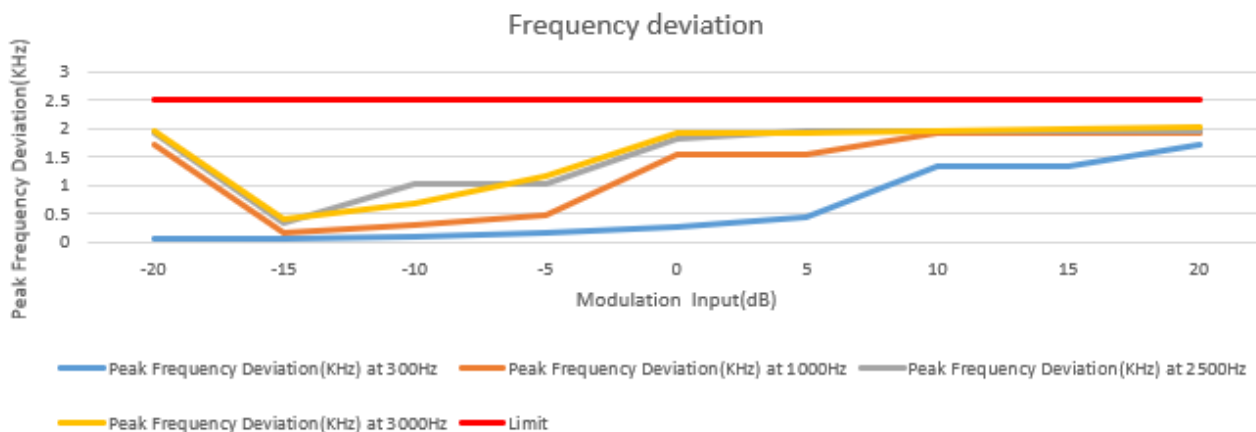
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200492902

Page: 23 of 40

| Channel : 462.7250MHz FRS |                                        |                                         |                                         |                                         |             |
|---------------------------|----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-------------|
| Modulation Input(dB)      | Peak Frequency Deviation(KHz) at 300Hz | Peak Frequency Deviation(KHz) at 1000Hz | Peak Frequency Deviation(KHz) at 2500Hz | Peak Frequency Deviation(KHz) at 3000Hz | Limit (KHz) |
| -20                       | 0.072                                  | 1.713                                   | 1.917                                   | 1.952                                   | 2.50        |
| -15                       | 0.073                                  | 0.168                                   | 0.350                                   | 0.394                                   | 2.50        |
| -10                       | 0.095                                  | 0.286                                   | 1.036                                   | 0.662                                   | 2.50        |
| -5                        | 0.150                                  | 0.482                                   | 1.026                                   | 1.153                                   | 2.50        |
| 0                         | 0.251                                  | 1.531                                   | 1.813                                   | 1.927                                   | 2.50        |
| 5                         | 0.442                                  | 1.523                                   | 1.954                                   | 1.926                                   | 2.50        |
| 10                        | 1.332                                  | 1.916                                   | 1.962                                   | 1.968                                   | 2.50        |
| 15                        | 1.328                                  | 1.909                                   | 1.967                                   | 1.989                                   | 2.50        |
| 20                        | 1.696                                  | 1.920                                   | 1.956                                   | 2.004                                   | 2.50        |



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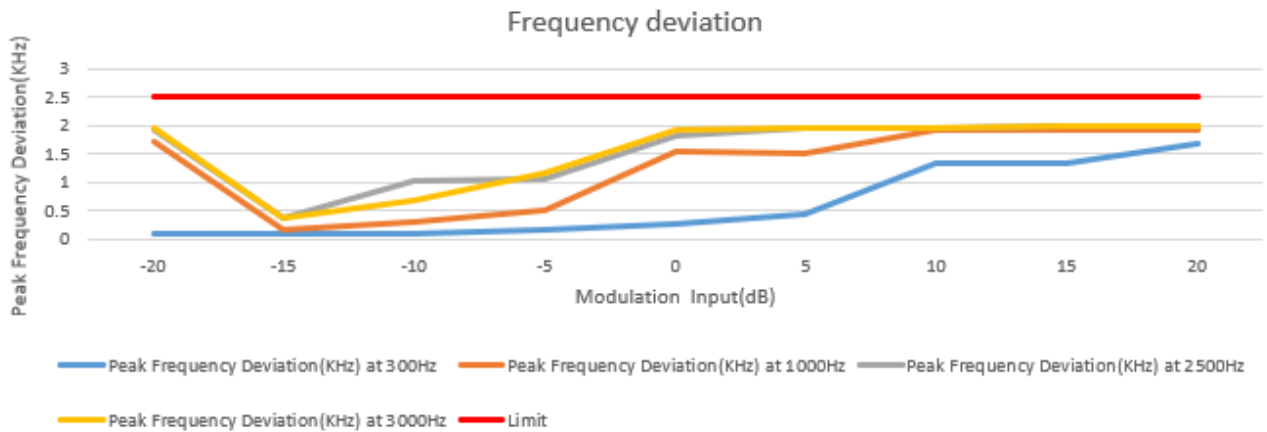
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200492902

Page: 24 of 40

| Channel : 467.7125MHz FRS |                                        |                                         |                                         |                                         |             |
|---------------------------|----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-------------|
| Modulation Input(dB)      | Peak Frequency Deviation(KHz) at 300Hz | Peak Frequency Deviation(KHz) at 1000Hz | Peak Frequency Deviation(KHz) at 2500Hz | Peak Frequency Deviation(KHz) at 3000Hz | Limit (KHz) |
| -20                       | 0.076                                  | 1.702                                   | 1.902                                   | 1.951                                   | 2.50        |
| -15                       | 0.079                                  | 0.170                                   | 0.358                                   | 0.378                                   | 2.50        |
| -10                       | 0.107                                  | 0.284                                   | 1.032                                   | 0.668                                   | 2.50        |
| -5                        | 0.154                                  | 0.496                                   | 1.044                                   | 1.147                                   | 2.50        |
| 0                         | 0.253                                  | 1.525                                   | 1.822                                   | 1.930                                   | 2.50        |
| 5                         | 0.445                                  | 1.497                                   | 1.953                                   | 1.943                                   | 2.50        |
| 10                        | 1.336                                  | 1.913                                   | 1.967                                   | 1.952                                   | 2.50        |
| 15                        | 1.325                                  | 1.902                                   | 1.969                                   | 1.978                                   | 2.50        |
| 20                        | 1.687                                  | 1.910                                   | 1.972                                   | 1.988                                   | 2.50        |



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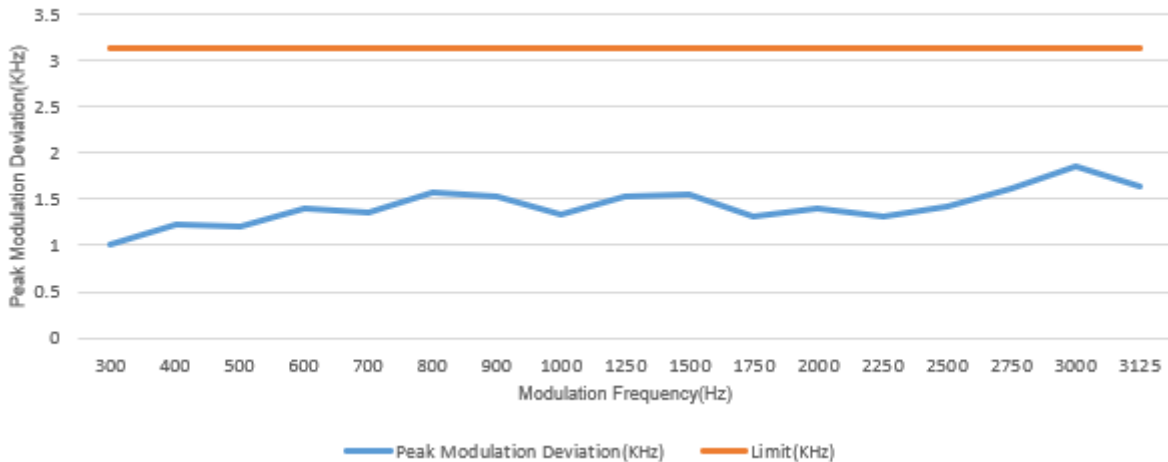
Page: 25 of 40

### b.Audio Frequency Response

Channel 462.5500MHz for FRS

| Modulation Frequency(Hz) | Peak Modulation Deviation(KHz) | Limit (KHz) |
|--------------------------|--------------------------------|-------------|
| 300                      | 1.007                          | 3.125       |
| 400                      | 1.222                          | 3.125       |
| 500                      | 1.206                          | 3.125       |
| 600                      | 1.41                           | 3.125       |
| 700                      | 1.356                          | 3.125       |
| 800                      | 1.574                          | 3.125       |
| 900                      | 1.526                          | 3.125       |
| 1000                     | 1.337                          | 3.125       |
| 1250                     | 1.521                          | 3.125       |
| 1500                     | 1.546                          | 3.125       |
| 1750                     | 1.309                          | 3.125       |
| 2000                     | 1.393                          | 3.125       |
| 2250                     | 1.316                          | 3.125       |
| 2500                     | 1.429                          | 3.125       |
| 2750                     | 1.614                          | 3.125       |
| 3000                     | 1.855                          | 3.125       |
| 3125                     | 1.639                          | 3.125       |

Audio Frequency Response



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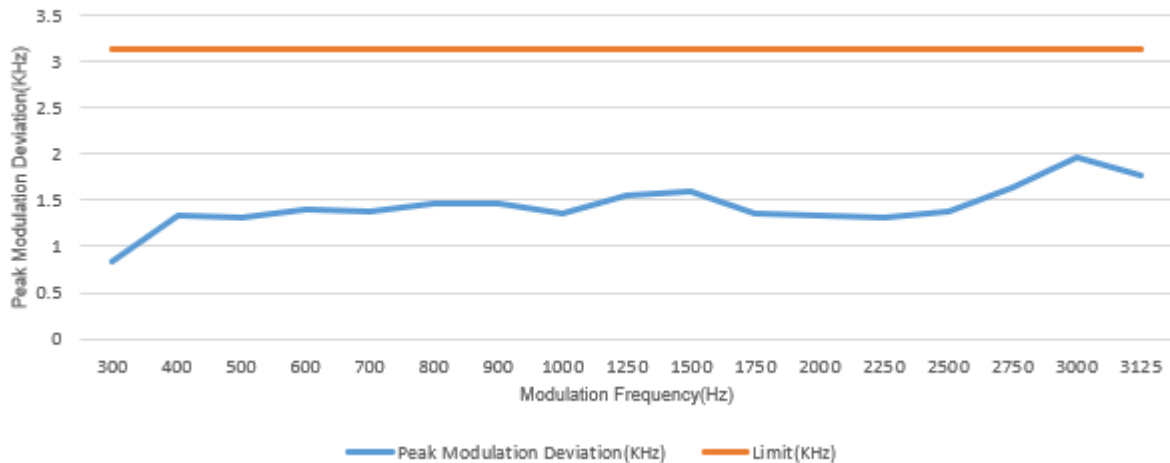
Report No.: SZCR241200492902

Page: 26 of 40

Channel 462.7250MHz for FRS

| Modulation Frequency(Hz) | Peak Modulation Deviation(KHz) | Limit (KHz) |
|--------------------------|--------------------------------|-------------|
| 300                      | 0.841                          | 3.125       |
| 400                      | 1.329                          | 3.125       |
| 500                      | 1.308                          | 3.125       |
| 600                      | 1.404                          | 3.125       |
| 700                      | 1.378                          | 3.125       |
| 800                      | 1.456                          | 3.125       |
| 900                      | 1.473                          | 3.125       |
| 1000                     | 1.347                          | 3.125       |
| 1250                     | 1.548                          | 3.125       |
| 1500                     | 1.597                          | 3.125       |
| 1750                     | 1.354                          | 3.125       |
| 2000                     | 1.331                          | 3.125       |
| 2250                     | 1.314                          | 3.125       |
| 2500                     | 1.371                          | 3.125       |
| 2750                     | 1.635                          | 3.125       |
| 3000                     | 1.959                          | 3.125       |
| 3125                     | 1.761                          | 3.125       |

Audio Frequency Response



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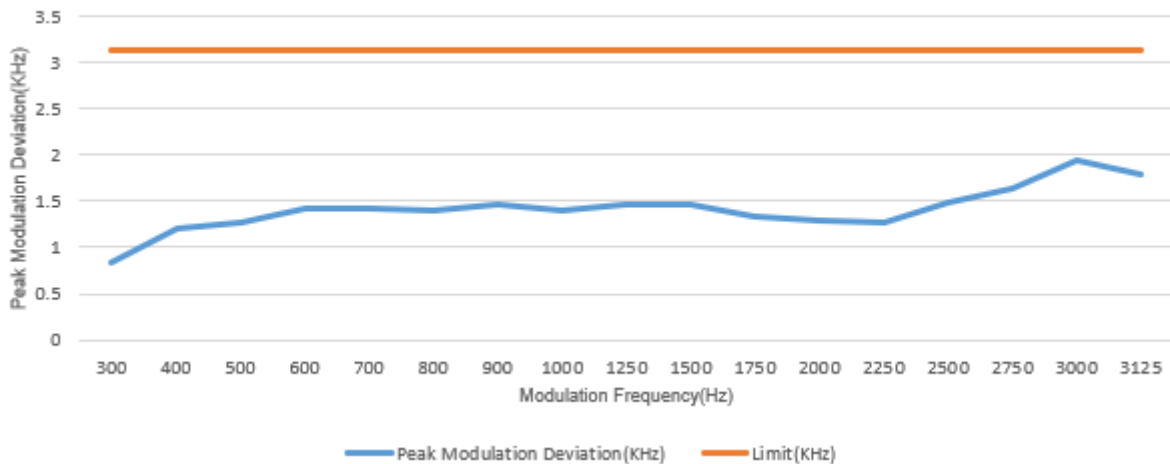
Report No.: SZCR241200492902

Page: 27 of 40

Channel 467.7125MHz for FRS

| Modulation Frequency(Hz) | Peak Modulation Deviation(KHz) | Limit (KHz) |
|--------------------------|--------------------------------|-------------|
| 300                      | 0.836                          | 3.125       |
| 400                      | 1.212                          | 3.125       |
| 500                      | 1.261                          | 3.125       |
| 600                      | 1.412                          | 3.125       |
| 700                      | 1.433                          | 3.125       |
| 800                      | 1.407                          | 3.125       |
| 900                      | 1.458                          | 3.125       |
| 1000                     | 1.403                          | 3.125       |
| 1250                     | 1.468                          | 3.125       |
| 1500                     | 1.474                          | 3.125       |
| 1750                     | 1.336                          | 3.125       |
| 2000                     | 1.287                          | 3.125       |
| 2250                     | 1.28                           | 3.125       |
| 2500                     | 1.497                          | 3.125       |
| 2750                     | 1.635                          | 3.125       |
| 3000                     | 1.943                          | 3.125       |
| 3125                     | 1.796                          | 3.125       |

Audio Frequency Response



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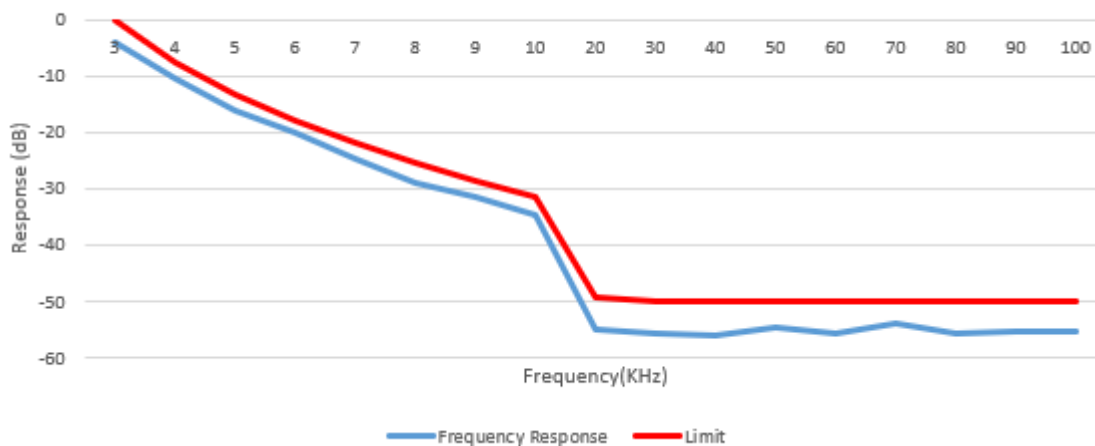
Page: 28 of 40

### c. Audio Low Pass Filter Frequency Response

Channel 462.5500MHz for FRS

| Frequency(KHz) | Response (dB) | Limit (KHz) |
|----------------|---------------|-------------|
| 3              | -4.23         | 0           |
| 4              | -10.46        | -7.50       |
| 5              | -16.12        | -13.31      |
| 6              | -20.27        | -18.06      |
| 7              | -24.76        | -22.08      |
| 8              | -29.10        | -25.56      |
| 9              | -31.60        | -28.63      |
| 10             | -34.78        | -31.37      |
| 20             | -55.06        | -49.43      |
| 30             | -55.69        | -50         |
| 40             | -56.16        | -50         |
| 50             | -54.81        | -50         |
| 60             | -55.83        | -50         |
| 70             | -53.95        | -50         |
| 80             | -55.93        | -50         |
| 90             | -55.37        | -50         |
| 100            | -55.31        | -50         |

Audio Low Pass Filter Frequency Response



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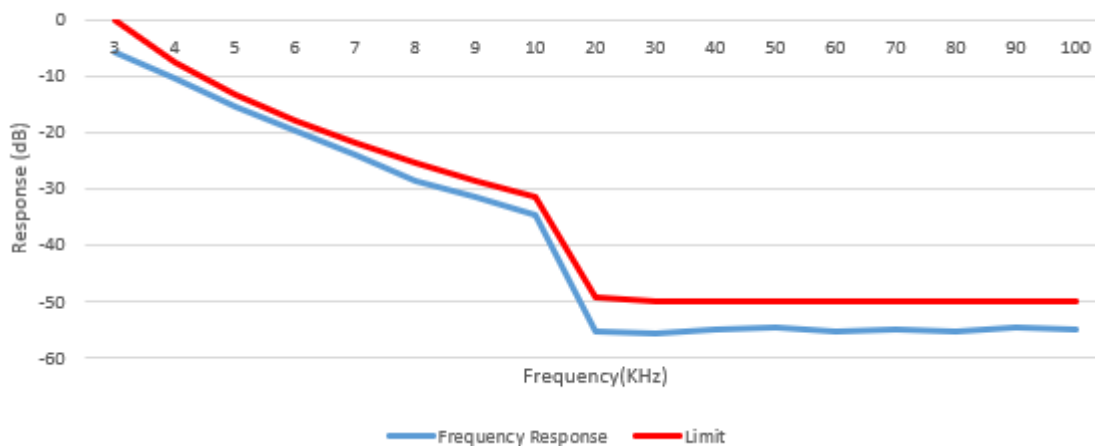
Report No.: SZCR241200492902

Page: 29 of 40

Channel 462.7250MHz for FRS

| Frequency(KHz) | Response (dB) | Limit (KHz) |
|----------------|---------------|-------------|
| 3              | -5.75         | 0           |
| 4              | -10.45        | -7.50       |
| 5              | -15.60        | -13.31      |
| 6              | -19.60        | -18.06      |
| 7              | -23.96        | -22.08      |
| 8              | -28.59        | -25.56      |
| 9              | -31.61        | -28.63      |
| 10             | -34.71        | -31.37      |
| 20             | -55.26        | -49.43      |
| 30             | -55.74        | -50         |
| 40             | -54.98        | -50         |
| 50             | -54.87        | -50         |
| 60             | -55.26        | -50         |
| 70             | -55.20        | -50         |
| 80             | -55.40        | -50         |
| 90             | -54.84        | -50         |
| 100            | -55.05        | -50         |

Audio Low Pass Filter Frequency Response



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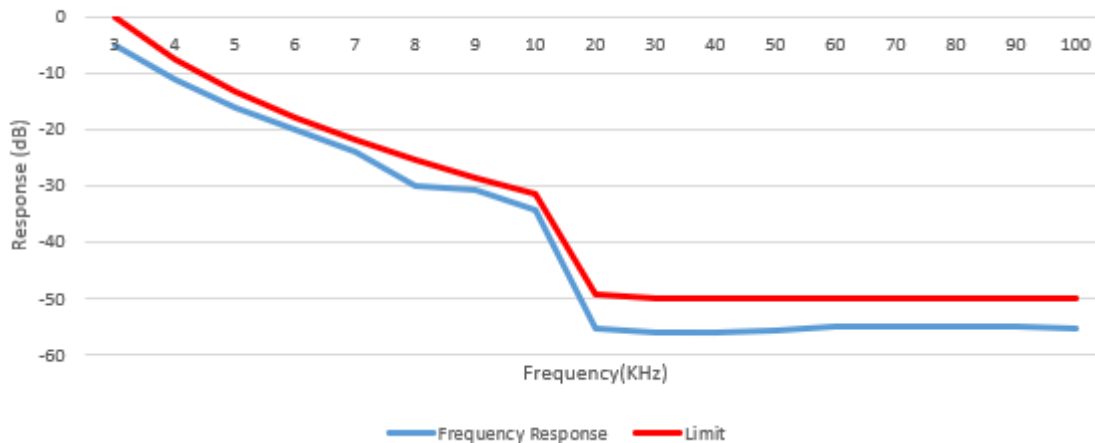
Report No.: SZCR241200492902

Page: 30 of 40

Channel 467.7125MHz for FRS

| Frequency(KHz) | Response (dB) | Limit (KHz) |
|----------------|---------------|-------------|
| 3              | -4.99         | 0           |
| 4              | -11.27        | -7.50       |
| 5              | -16.14        | -13.31      |
| 6              | -20.07        | -18.06      |
| 7              | -24.04        | -22.08      |
| 8              | -30.06        | -25.56      |
| 9              | -30.78        | -28.63      |
| 10             | -34.24        | -31.37      |
| 20             | -55.45        | -49.43      |
| 30             | -56.10        | -50         |
| 40             | -55.98        | -50         |
| 50             | -55.81        | -50         |
| 60             | -54.93        | -50         |
| 70             | -54.89        | -50         |
| 80             | -55.03        | -50         |
| 90             | -54.90        | -50         |
| 100            | -55.27        | -50         |

Audio Low Pass Filter Frequency Response



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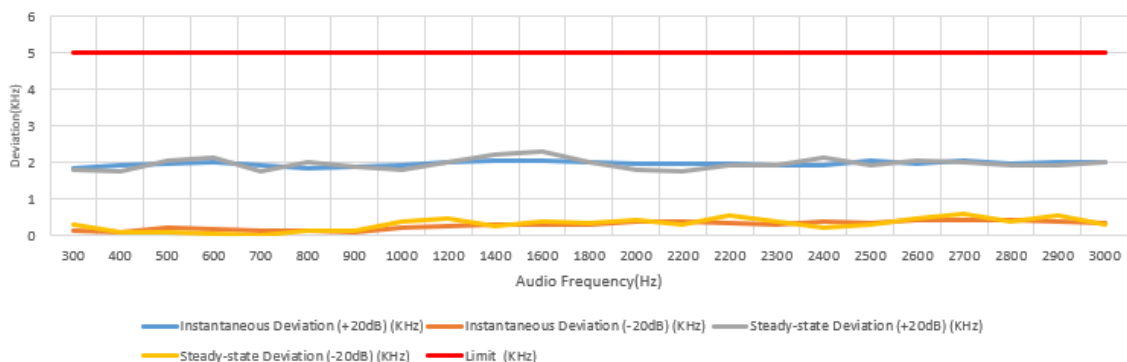
Page: 31 of 40

### d. Modulation Limiting

Channel 462.5500MHz for FRS

| Audio Frequency(Hz) | Instantaneous           |                         | Steady-state            |                         | Limit (KHz) |
|---------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------|
|                     | Deviation (+20dB) (KHz) | Deviation (-20dB) (KHz) | Deviation (+20dB) (KHz) | Deviation (-20dB) (KHz) |             |
| 300                 | 1.85                    | 0.105                   | 1.771                   | 0.271                   | 2.5         |
| 400                 | 1.906                   | 0.082                   | 1.764                   | 0.062                   | 2.5         |
| 500                 | 1.953                   | 0.194                   | 2.031                   | 0.069                   | 2.5         |
| 600                 | 1.994                   | 0.175                   | 2.111                   | 0.025                   | 2.5         |
| 700                 | 1.92                    | 0.109                   | 1.75                    | 0.011                   | 2.5         |
| 800                 | 1.828                   | 0.134                   | 1.983                   | 0.098                   | 2.5         |
| 900                 | 1.872                   | 0.09                    | 1.862                   | 0.113                   | 2.5         |
| 1000                | 1.909                   | 0.181                   | 1.802                   | 0.362                   | 2.5         |
| 1200                | 1.992                   | 0.26                    | 2.006                   | 0.46                    | 2.5         |
| 1400                | 2.038                   | 0.285                   | 2.216                   | 0.223                   | 2.5         |
| 1600                | 2.04                    | 0.301                   | 2.274                   | 0.353                   | 2.5         |
| 1800                | 1.989                   | 0.305                   | 1.993                   | 0.322                   | 2.5         |
| 2000                | 1.958                   | 0.365                   | 1.778                   | 0.419                   | 2.5         |
| 2200                | 1.938                   | 0.348                   | 1.755                   | 0.287                   | 2.5         |
| 2200                | 1.96                    | 0.309                   | 1.901                   | 0.53                    | 2.5         |
| 2300                | 1.911                   | 0.277                   | 1.933                   | 0.369                   | 2.5         |
| 2400                | 1.931                   | 0.382                   | 2.117                   | 0.211                   | 2.5         |
| 2500                | 2.04                    | 0.328                   | 1.908                   | 0.295                   | 2.5         |
| 2600                | 1.965                   | 0.416                   | 2.033                   | 0.468                   | 2.5         |
| 2700                | 2.046                   | 0.409                   | 2.009                   | 0.588                   | 2.5         |
| 2800                | 1.958                   | 0.408                   | 1.922                   | 0.353                   | 2.5         |
| 2900                | 1.984                   | 0.371                   | 1.93                    | 0.545                   | 2.5         |
| 3000                | 2.006                   | 0.322                   | 2.003                   | 0.266                   | 2.5         |

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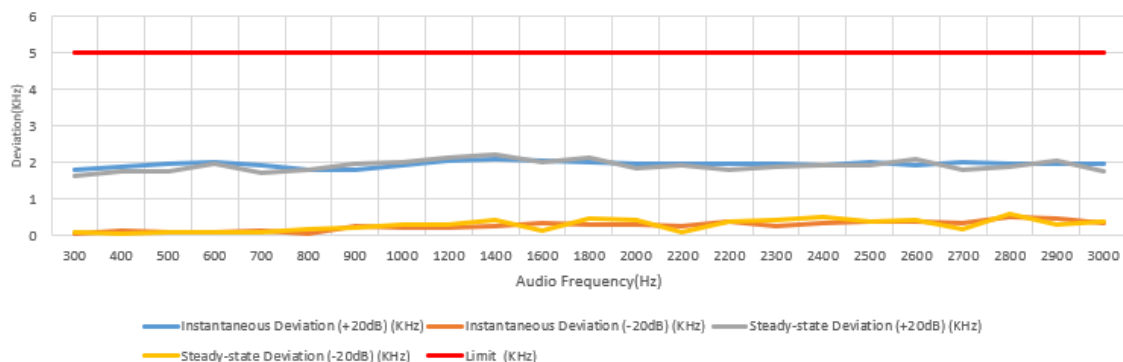
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### Channel 462.7250MHz for FRS

| Audio Frequency(Hz) | Instantaneous           |                         | Steady-state            |                         | Limit (KHz) |
|---------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------|
|                     | Deviation (+20dB) (KHz) | Deviation (-20dB) (KHz) | Deviation (+20dB) (KHz) | Deviation (-20dB) (KHz) |             |
| 300                 | 1.79                    | 0.024                   | 1.636                   | 0.086                   | 2.5         |
| 400                 | 1.89                    | 0.098                   | 1.745                   | 0.017                   | 2.5         |
| 500                 | 1.961                   | 0.093                   | 1.765                   | 0.077                   | 2.5         |
| 600                 | 1.997                   | 0.087                   | 1.97                    | 0.075                   | 2.5         |
| 700                 | 1.925                   | 0.122                   | 1.717                   | 0.059                   | 2.5         |
| 800                 | 1.771                   | 0.053                   | 1.773                   | 0.178                   | 2.5         |
| 900                 | 1.787                   | 0.247                   | 1.957                   | 0.203                   | 2.5         |
| 1000                | 1.896                   | 0.192                   | 1.978                   | 0.3                     | 2.5         |
| 1200                | 2.029                   | 0.204                   | 2.142                   | 0.301                   | 2.5         |
| 1400                | 2.071                   | 0.259                   | 2.201                   | 0.408                   | 2.5         |
| 1600                | 2.04                    | 0.321                   | 1.993                   | 0.101                   | 2.5         |
| 1800                | 2.006                   | 0.279                   | 2.136                   | 0.459                   | 2.5         |
| 2000                | 1.963                   | 0.295                   | 1.847                   | 0.394                   | 2.5         |
| 2200                | 1.955                   | 0.259                   | 1.932                   | 0.065                   | 2.5         |
| 2200                | 1.943                   | 0.383                   | 1.797                   | 0.364                   | 2.5         |
| 2300                | 1.973                   | 0.257                   | 1.889                   | 0.407                   | 2.5         |
| 2400                | 1.931                   | 0.345                   | 1.925                   | 0.495                   | 2.5         |
| 2500                | 2.004                   | 0.365                   | 1.91                    | 0.348                   | 2.5         |
| 2600                | 1.934                   | 0.365                   | 2.069                   | 0.419                   | 2.5         |
| 2700                | 1.993                   | 0.318                   | 1.788                   | 0.17                    | 2.5         |
| 2800                | 1.977                   | 0.48                    | 1.853                   | 0.564                   | 2.5         |
| 2900                | 1.968                   | 0.436                   | 2.035                   | 0.299                   | 2.5         |
| 3000                | 1.938                   | 0.332                   | 1.75                    | 0.359                   | 2.5         |

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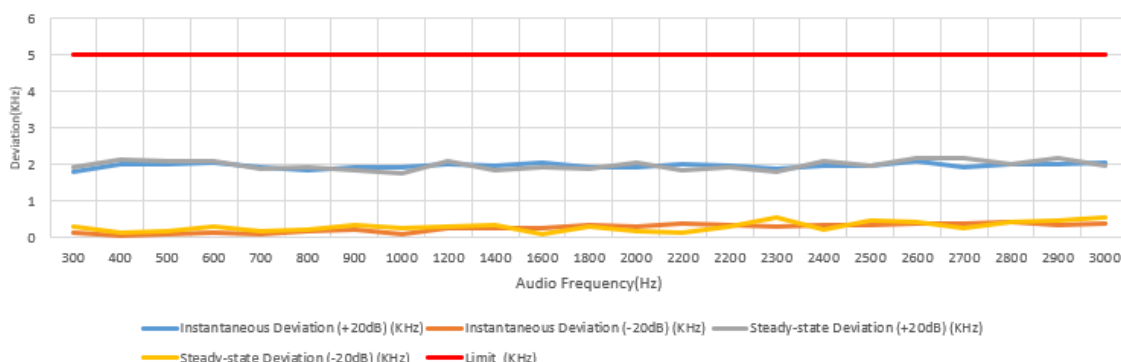
Report No.: SZCR241200492902

Page: 33 of 40

Channel 467.7125MHz for FRS

| Audio Frequency(Hz) | Instantaneous           |                         | Steady-state            |                         | Limit (KHz) |
|---------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------|
|                     | Deviation (+20dB) (KHz) | Deviation (-20dB) (KHz) | Deviation (+20dB) (KHz) | Deviation (-20dB) (KHz) |             |
| 300                 | 1.81                    | 0.124                   | 1.9                     | 0.297                   | 2.5         |
| 400                 | 1.987                   | 0.048                   | 2.128                   | 0.128                   | 2.5         |
| 500                 | 2.01                    | 0.085                   | 2.087                   | 0.161                   | 2.5         |
| 600                 | 2.051                   | 0.097                   | 2.067                   | 0.265                   | 2.5         |
| 700                 | 1.934                   | 0.074                   | 1.887                   | 0.176                   | 2.5         |
| 800                 | 1.848                   | 0.15                    | 1.901                   | 0.211                   | 2.5         |
| 900                 | 1.923                   | 0.21                    | 1.839                   | 0.331                   | 2.5         |
| 1000                | 1.898                   | 0.096                   | 1.746                   | 0.262                   | 2.5         |
| 1200                | 2.007                   | 0.224                   | 2.068                   | 0.29                    | 2.5         |
| 1400                | 1.95                    | 0.253                   | 1.817                   | 0.336                   | 2.5         |
| 1600                | 2.035                   | 0.254                   | 1.92                    | 0.087                   | 2.5         |
| 1800                | 1.926                   | 0.317                   | 1.894                   | 0.295                   | 2.5         |
| 2000                | 1.913                   | 0.289                   | 2.06                    | 0.148                   | 2.5         |
| 2200                | 2.013                   | 0.356                   | 1.831                   | 0.102                   | 2.5         |
| 2200                | 1.942                   | 0.341                   | 1.908                   | 0.299                   | 2.5         |
| 2300                | 1.887                   | 0.293                   | 1.772                   | 0.549                   | 2.5         |
| 2400                | 1.944                   | 0.338                   | 2.062                   | 0.202                   | 2.5         |
| 2500                | 1.956                   | 0.312                   | 1.954                   | 0.438                   | 2.5         |
| 2600                | 2.077                   | 0.376                   | 2.163                   | 0.391                   | 2.5         |
| 2700                | 1.918                   | 0.36                    | 2.164                   | 0.224                   | 2.5         |
| 2800                | 1.982                   | 0.414                   | 1.983                   | 0.426                   | 2.5         |
| 2900                | 1.986                   | 0.34                    | 2.16                    | 0.446                   | 2.5         |
| 3000                | 2.049                   | 0.387                   | 1.969                   | 0.545                   | 2.5         |

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## 7.5 Radiated Spurious Emissions

Test Requirement 47 CFR FCC Part 95.579 & FCC Part 2.1053;

Test Method: ANSI/TIA-603-E:2016

Measurement Distance: 3m

Resolution bandwidth = 10 kHz for spurious emissions below 1 GHz, and 1 MHz for spurious emissions above 1 GHz.

Video Bandwidth = 300 kHz for spurious emissions below 1 GHz, and 3 MHz for spurious emissions above 1 GHz.

Limit:

For FCC Part 95.579

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.

### 7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C

Humidity: 52.6 % RH

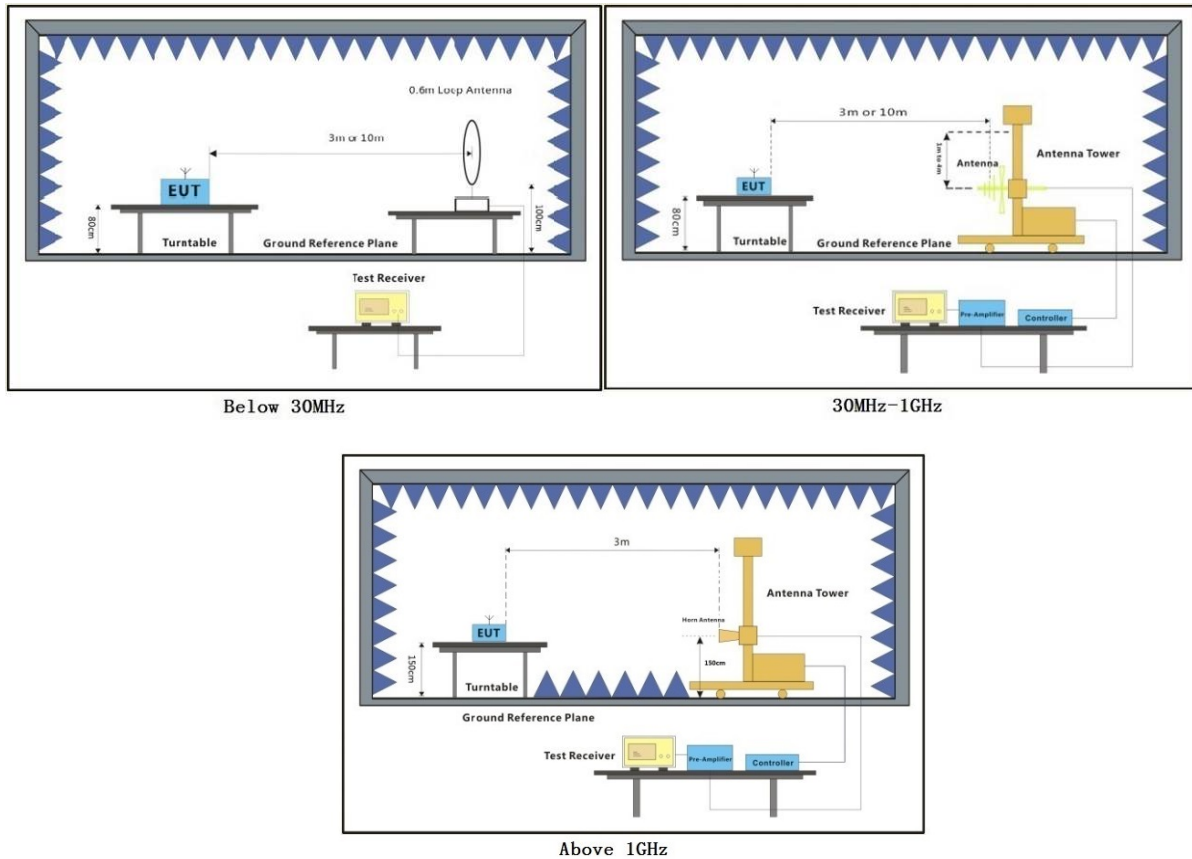
Atmospheric Pressure: 1020 mbar

### 7.5.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description                               |
|-----------------------|-----------|-------------------------------------------|
| Final test            | 02        | TX mode_Keep the EUT in transmitting mode |



### 7.5.3 Test Setup Diagram



## 7.5.4 Measurement Procedure and Data

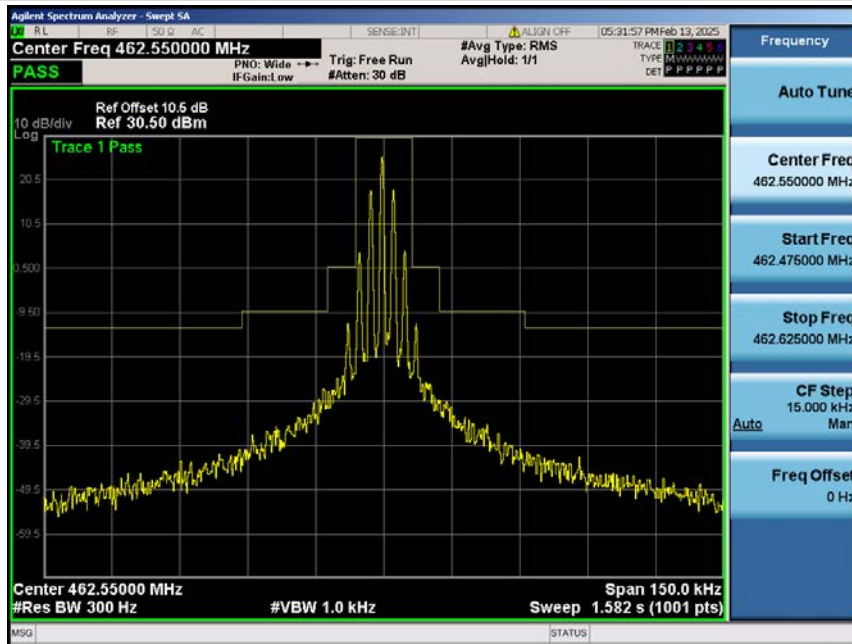
### Test Procedure:

- (1) On a test site, the EUT shall be placed on a turntable and in the position closest to the normal use as declared by the user.
- (2) The test antenna shall be oriented initially for vertical polarization located 3m from the EUT to correspond to the transmitter.
- (3) The output of the antenna shall be connected to the measuring receiver and either a peak or quasi-peak detector was used for the measurement as indicated on the report. The detector selection is based on how close the emission level was approaching the limit.
- (4) The transmitter shall be switched on; if possible, without the modulation and the measurement receiver shall be tuned to the frequency of the transmitter under test.
- (5) The test antenna shall be raised and lowered through the specified range of height until the measuring receiver detects a maximum signal level.
- (6) The transmitter shall then be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.
- (7) The test antenna shall be raised and lowered again through the specified range of height until the measuring receiver detects a maximum signal level.
- (8) The maximum signal level detected by the measuring receiver shall be noted.
- (9) The measurement shall be repeated with the test antenna set to horizontal polarization.
- (10) Replace the antenna with a proper Antenna (substitution antenna).
- (11) The substitution antenna shall be oriented for vertical polarization and, if necessary, the length of the substitution antenna shall be adjusted to correspond to the frequency of transmitting.
- (12) The substitution antenna shall be connected to a calibrated signal generator.
- (13) If necessary, the input attenuator setting of the measuring receiver shall be adjusted in order to increase the sensitivity of the measuring receiver.
- (14) The test antenna shall be raised and lowered through the specified range of the height to ensure that the maximum signal is received.
- (15) The input signal to substitution antenna shall be adjusted to the level that produces a level detected by the measuring receiver, that is equal to the level noted while the transmitter radiated power was measured, corrected for the change of input attenuation setting of the measuring receiver.
- (16) The input level to the substitution antenna shall be recorded as power level in dBm, corrected for any change of input attenuator setting of the measuring receiver.
- (17) The measurement shall be repeated with the test antenna and the substitution antenna oriented for horizontal polarization.

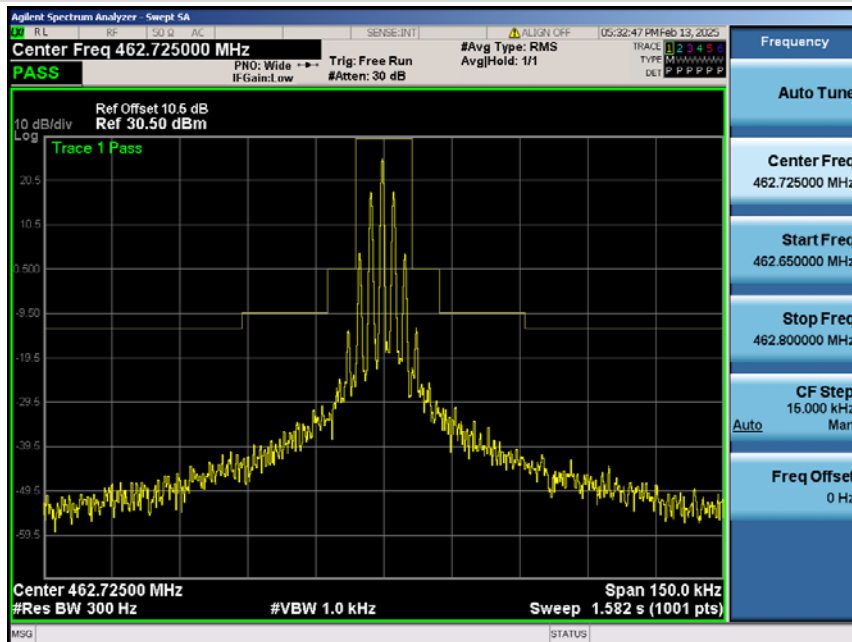


### Emission Mask

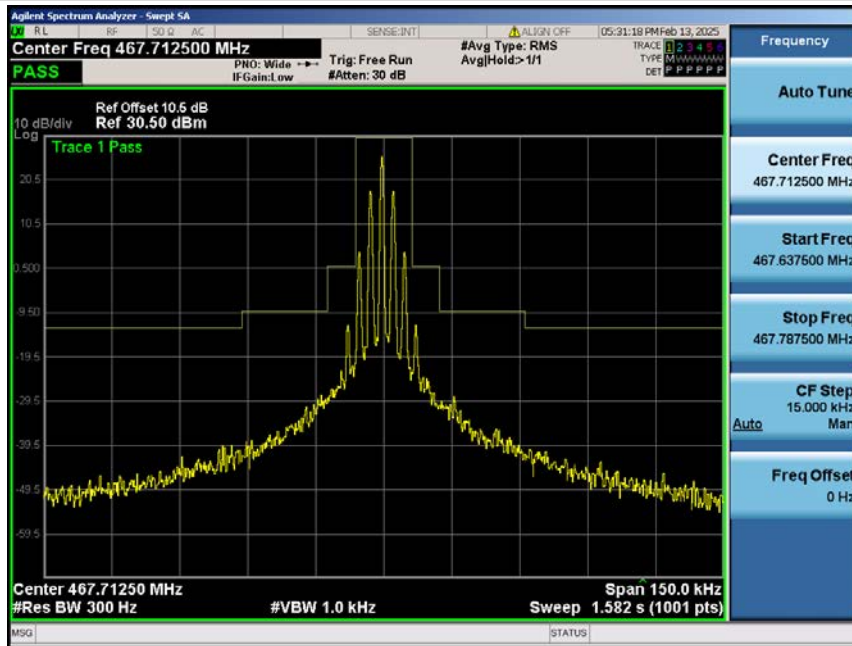
FM mode, Assigned Frequency: 462.5500MHz



FM mode, Assigned Frequency: 462.7250MHz



FM mode, Assigned Frequency: 467.7125MHz



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200492902

Page: 39 of 40

## Radiated Spurious Emissions Below 1GHz, Assigned Frequency: 467.7125MHz

| Frequency (MHz) | Polarity H/V | Emission Level (dBm) | Limit (dBm) | Margin (dBm) |
|-----------------|--------------|----------------------|-------------|--------------|
| 30.64           | V            | -74.47               | -13.00      | 61.47        |
| 44.74           | V            | -78.15               | -13.00      | 65.15        |
| 82.36           | V            | -72.42               | -13.00      | 59.42        |
| 158.67          | V            | -82.53               | -13.00      | 69.53        |
| 280.02          | V            | -75.43               | -13.00      | 62.43        |
| 925.76          | V            | -65.63               | -13.00      | 52.63        |
| 30.42           | H            | -77.63               | -13.00      | 64.63        |
| 152.13          | H            | -84.65               | -13.00      | 71.65        |
| 238.31          | H            | -79.21               | -13.00      | 66.21        |
| 330.20          | H            | -77.29               | -13.00      | 64.29        |
| 401.84          | H            | -75.81               | -13.00      | 62.81        |
| 925.76          | H            | -61.72               | -13.00      | 48.72        |

## Radiated Spurious Emissions Above 1GHz, Assigned Frequency: 467.7125MHz

| Frequency (MHz) | Polarity H/V | Emission Level (dBm) | Limit (dBm) | Margin (dBm) |
|-----------------|--------------|----------------------|-------------|--------------|
| 1719.78         | V            | -73.07               | -13.00      | 60.07        |
| 4170.53         | V            | -68.54               | -13.00      | 55.54        |
| 5399.03         | V            | -61.70               | -13.00      | 48.70        |
| 2050.00         | H            | -75.31               | -13.00      | 62.31        |
| 4159.93         | H            | -69.85               | -13.00      | 56.85        |
| 5782.55         | H            | -62.68               | -13.00      | 49.68        |

Note: Margin = Emission level – Limit.

Remark:

- 1) Only record the worst case in the report.
- 2) The disturbance above points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.



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Shenzhen Branch (SZEMC) Laboratory

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## 8 Test Setup Photo

Refer to Setup Photo for SZCR2412004929AT

## 9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SZCR2412004929AT

- End of the Report -

