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Development District, Guangzhou, China 510663

Telephone: +86 (0) 20 82155555 Fax: +86 (0) 20 82075059 Email: ee.guangzhou@sgs.com

Report No.: GZEM190701452702

1 of 22 Page:

TEST REPORT

GZEM1907014527CR Application No.:

Applicant: Simplisafe, Inc

Address of Applicant: 294 Washington Street, 9th Floor, Boston MA 02108, United States

Manufacturer: Simplisafe, Inc

Address of Manufacturer: 294 Washington Street, 9th Floor, Boston MA 02108, United States

Jetta (China) Industries Co.,Ltd Factory:

333 Cai Xin Lu, Lan He Zhen, Nan Sha Qu, Guangzhou Shi, Guangdong Address of Factory:

Province, China

Equipment Under Test (EUT):

EUT Name: Pin pad SSPP1 Model No.: Trade Mark: Simplisafe

Standard(s): 47 CFR Part 15, Subpart C 15.231

Date of Receipt: 2019-07-23

Date of Test: 2019-07-29 to 2019-07-31

Date of Issue: 2019-08-16

Test Result: Pass*

Kisho Timo

Kobe Jian

EMC Laboratory Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.

spection & Testing Services

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



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| Revision Record | | | | | |
|-----------------|---------|------------|----------|----------|--|
| Version | Chapter | Date | Modifier | Remark | |
| 01 | | 2019-08-16 | | Original | |
| | | | | | |
| | | | | | |
| | | | | | |

| Authorized for issue by: | | |
|--------------------------|-------------------------------|--------------------------|
| Tested By | Kevin zhang | 2019-07-29 to 2019-07-31 |
| | Kevin_Zhang /Project Engineer | Date |
| Checked By | | 2019-08-02 |
| | Ricky_Liu /Reviewer | Date |

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2 Test Summary

| Radio Spectrum Technical Requirement | | | | | |
|--------------------------------------|-------------------------------------|--------|-------------------------------------|--------|--|
| Item | Standard | Method | Requirement | Result | |
| Antenna Requirement | 47 CFR Part 15, Subpart C 15.231 | N/A | 47 CFR Part 15, Subpart C 15.203 | Pass | |

| Radio Spectrum Matter Part | | | | | |
|--|-------------------------------------|---|--|--------|--|
| Item | Standard | Method | Requirement | Result | |
| Occupied Bandwidth | 47 CFR Part 15, Subpart C 15.231 | ANSI C63.10 (2013) Section 6.9 | 47 CFR Part 15, Subpart C 15.231(c) | Pass | |
| Dwell Time | 47 CFR Part 15, Subpart C 15.231 | ANSI C63.10 (2013) Section 7.8.4 | 47 CFR Part 15, Subpart C 15.231(a) | Pass | |
| Field Strength of the Fundamental Signal | 47 CFR Part 15, Subpart C 15.231 | ANSI C63.10 (2013) Section 6.5 | 47 CFR Part 15, Subpart C (15.231(b)) | Pass | |
| Radiated Emissions | 47 CFR Part 15, Subpart C 15.231 | ANSI C63.10 (2013) Section 6.4&6.5&6.6 | 47 CFR Part 15, Subpart C (15.231(b)) | Pass | |



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4 General Information

4.1 Details of E.U.T.

Power Supply: DC $6.0V = 2 \times 3V$ Lithium cells

Test Voltage: DC 6.0V Cable: N/A Antenna Gain: 0dBi

Antenna Type: Integrated Antenna

Modulation Type: FSK

Operation Frequency: 433.42MHz

4.2 Description of Support Units

The EUT has been tested as an independent unit.

4.3 Environment parameter

| Environment Parameter | Selected Values During Tests | |
|-----------------------|------------------------------|------------|
| Relative Humidity | Ambient | |
| Value | Temperature(°C) | Voltage(V) |
| TNVN | +20 | 6.0 |
| TLVN | -20 | 6.0 |
| THVN | +50 | 6.0 |
| TNVL | +20 | 5.1 |
| TNVH | +20 | 6.9 |

Note:

VN: Normal Voltage
TN: Normal Temperature
TL: Low Temperature
TH: High Temperature
VL: Low Voltage
VH: High Voltage



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4.4 Measurement Uncertainty

| No. | Item | Measurement Uncertainty |
|-----|---------------------------------|-------------------------|
| 1 | Radio Frequency | ±5.5 x 10-8 |
| 2 | Duty cycle | ±0.57% |
| 3 | Occupied Bandwidth | ±3% |
| 4 | RF Conducted power | ±0.68dB |
| 5 | RF Power Density | ±1.50dB |
| 6 | Conducted Spurious Emissions | ±1.04dB |
| 7 | 7 DE De diete d Decom | ±4.5dB (below 1GHz) |
| 1 | RF Radiated Power | ±4.8dB (above 1GHz) |
| 8 | Dadiated Caurious Emission Test | ±4.5dB (30MHz-1GHz) |
| 0 | Radiated Spurious Emission Test | ±4.8dB (1GHz-18GHz) |
| 9 | Temperature | ±0.4℃ |
| 10 | Humidity | ±1.3% |
| 11 | Supply Voltages | ±1.5% |
| 12 | Time | ±3% |

4.5 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou Branch EMC Laboratory, 198 Kezhu Road, Scientech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663

Tel: +86 20 82155555 Fax: +86 20 82075059

No tests were sub-contracted.



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4.6 Test Facility

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

● NVLAP (Lab Code: 200611-0)

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou EMC Laboratory is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP/NIST). NVLAP Code: 200611-0.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

ACMA

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory can also perform testing for the Australian C-Tick mark as a result of our NVLAP accreditation.

SGS UK(Certificate No.: 32), SGS-TUV SAARLAND and SGS-FIMKO

Have approved SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory as a supplier of EMC TESTING SERVICES and SAFETY TESTING SERVICES.

● CNAS (Lab Code: L0167)

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been assessed and in compliance with CNAS-CL01:2018 accreditation criteria for testing laboratories (identical to

ISO/IEC 17025:2017 General Requirements) for the Competence of Testing Laboratories.

● FCC Recognized 2.948 Listed Test Firm(Registration No.: 282399)

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 282399, May 31, 2002.

◆FCC Recognized Accredited Test Firm(Registration No.: 486818)

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been accredited and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Designation Number: CN5016, Test Firm Registration Number: 486818, Jul 13, 2017.

● Industry Canada (Registration No.: 4620B, CAB identifier: CN0052)

SGS-CSTC Standards Technical Services Co., Ltd., has been registered by Innovation Science and Economic Development Canada for Wireless Device Testing laboratories to test to Canadian radio equipment requirements. Registration No. 4620B, CAB identifier: CN0052.

● VCCI (Registration No.: R-12460, C-12584, G-10449 and T-11179)

The 10m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-12460, C-12584, G-10449 and T-11179 respectively.

● CBTL (Lab Code: TL129)

SGS-CSTC Standards Technical Services Co., Ltd., E&E Laboratory has been assessed and fully comply with the requirements of ISO/IEC 17025:2005, the Basic Rules, IECEE 01 and Rules of procedure IECEE 02, and the relevant IECEE CB-Scheme Operational documents.



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4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None



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5 Equipment List

| Occupied Bandwidth | | | | | |
|------------------------|---------------------|----------|--------------|------------|--------------|
| Equipment | Manufacturer | Model No | Inventory No | Cal Date | Cal Due Date |
| EXA Signal Analzer | AgilentTechnologies | N9010A | EMC2138 | 2018-11-19 | 2019-11-18 |
| 6dB Attenuator | HP | 8491A | EMC2062 | 2018-04-04 | 2020-04-03 |
| Test Software JS1120-3 | HangTianXing | V2.6 | GZE100-69 | N/A | N/A |
| MI CABLE | SGS | M8.0 | EMC2136 | 2017-11-02 | 2019-11-01 |
| MI CABLE | SGS | 0.8M | EMC2137 | 2017-11-02 | 2019-11-01 |

| Dwell Time | | | | | |
|------------------------|---------------------|----------|---------------------|------------|--------------|
| Equipment | Manufacturer | Model No | Inventory No | Cal Date | Cal Due Date |
| EXA Signal Analzer | AgilentTechnologies | N9010A | EMC2138 | 2018-11-19 | 2019-11-18 |
| 6dB Attenuator | HP | 8491A | EMC2062 | 2018-04-04 | 2020-04-03 |
| Test Software JS1120-3 | HangTianXing | V2.6 | GZE100-69 | N/A | N/A |
| MI CABLE | SGS | M8.0 | EMC2136 | 2017-11-02 | 2019-11-01 |
| MI CABLE | SGS | M8.0 | EMC2137 | 2017-11-02 | 2019-11-01 |

| Radiated Emissions | | | | | |
|------------------------------------|--------------------------------|------------|--------------|------------|--------------|
| Equipment | Manufacturer | Model No | Inventory No | Cal Date | Cal Due Date |
| Temperature Chamber | GZ GongWen Co.Ltd. | GDJW-100 | EMC0039 | 2019-07-01 | 2020-06-30 |
| Compact Semi- Anechoic Chamber | ChangZhou ZhongYu | N/A | EMC0525 | 2016-12-04 | 2019-12-03 |
| 10m Semi- Anechoic Chamber | ETS | N/A | EMC0530 | 2018-12-08 | 2019-12-07 |
| Horn Antenna (Rx) | SCHWARZBECK MESS-ELEKTRONIK | BBHA 9120D | EMC2026 | 2019-09-08 | 2019-09-08 |
| Bilog Type Antenna | Schaffner Chase | CBL6143 | EMC0519 | 2020-05-03 | 2020-05-03 |
| 1-26.5GHz Pre Amplifier | Agilent | 8449B | EMC0521 | 2020-01-06 | 2020-01-06 |
| Amplifier 9kHz- 1300MHz | HP | 8447F | EMC2065 | 2019-05-29 | 2020-05-28 |
| Antenna Mask (Tx) | HD-GmbH | AS620M | EMC0507 | N/A | N/A |
| Antenna Mask (Rx) | HD-GmbH | MA240 | EMC0508 | N/A | N/A |
| 966 Anechoic Chamber | C.R.T | 9mX6mX6m | EMC2142 | 2017-12-19 | 2019-12-18 |
| Signal Analyzer (20Hz ~ 26.5Ghz | R&S | FSIQ26 | EMC0069 | 2018-11-19 | 2019-11-18 |



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| General used equipment | | | | | |
|------------------------|--------------|----------|---------------------|------------|--------------|
| Equipment | Manufacturer | Model No | Inventory No | Cal Date | Cal Due Date |
| DMM | Fluke | 73 | EMC0006 | 2019-07-16 | 2020-07-15 |
| DMM | Fluke | 73 | EMC0007 | 2019-07-16 | 2020-07-15 |



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6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 Conclusion

Standard Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of an so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best-case gain of the antenna is 0dBi.



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7 Radio Spectrum Matter Test Results

7.1 Occupied Bandwidth

Test Requirement 47 CFR Part 15, Subpart C 15.231(c)
Test Method: ANSI C63.10 (2013) Section 6.9

Limit:

| Frequency range(MHz) | Limit |
|----------------------|---|
| 70-900 | No wider than 0.25% of the center frequency |
| Above 900 | No wider than 0.5% of the center frequency |

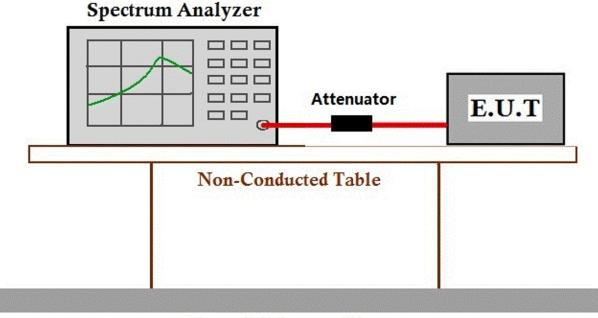
7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 25.3 °C Humidity: 55.5 % RH Atmospheric Pressure: 1020 mbar

Test mode c:TX mode Keep the EUT in transmitting with modulation mode.

7.1.2 Test Setup Diagram







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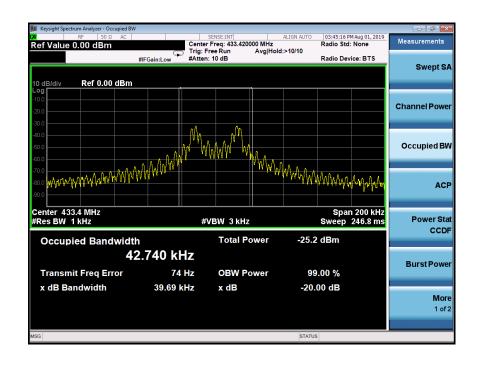
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7.1.3 Measurement Procedure and Data

Test Result:

| Test Channel | Bandwidth | Limit | Verdict |
|--------------|-----------|-------|---------|
| 433.42MHz | 39.69kHz | 1.08 | PASS |

Test Plot:





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7.2 Dwell Time

Test Requirement 47 CFR Part 15, Subpart C 15.231(a)
Test Method: ANSI C63.10 (2013) Section 7.8.4

Limit:

| Device type | Limit |
|--|--|
| Manually operated transmitter | The switch automatically deactivate the transmitter within not more than 5 seconds of being released |
| Automatically actived transmitter | Cease transmission within 5 seconds after activation |
| Periodic transmissions to determine system integrity of transmitters used in security or safety applications | The total transmission time does not exceed 2 seconds per hour |

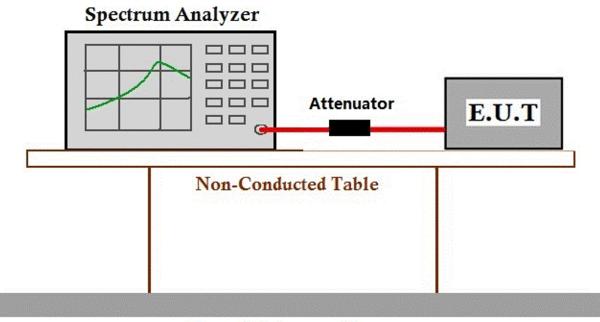
7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 25.3 °C Humidity: 55.5 % RH Atmospheric Pressure: 1020 mbar

Test mode c:TX mode_Keep the EUT in transmitting with modulation mode.

7.2.2 Test Setup Diagram



Ground Reference Plane



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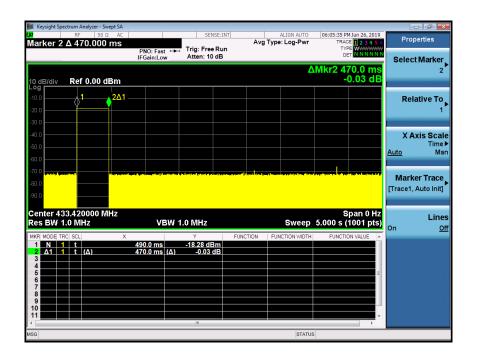
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7.2.3 Measurement Procedure and Data

Test Result:

| Test Channel | Shutdown Time | Limit | Verdict |
|--------------|---------------|-------|---------|
| 433.42MHz | 0.47s | ≤5s | PASS |

Test Plot:





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7.3 Field Strength of the Fundamental Signal

Test Requirement 47 CFR Part 15, Subpart C 15.231(b)

Test Method: ANSI C63.10 (2013) Section 6.5

Measurement Distance: 3m

Limit:

| Fundamental frequency(MHz) | Field strength of fundamental(microvolts/meter) | Field strength of fundamental(dBµV/meter) |
|----------------------------|---|---|
| 40.66-40.70 | 2250 | 67.04 |
| 70-130 | 1250 | 61.94 |
| 130-174 | 1250 to 3750 | 61.94 to 71.48* |
| 174-260 | 3750 | 71.48 |
| 260-470 | 3750 to 12500 | 71.48 to 81.94* |
| Above 470 | 12500 | 81.94 |

^{*}Linear interpolation with frequency, f, in MHz:

For 130-174 MHz: Field Strength (μ V/m) = (56.82 × f)–6136 For 260-470 MHz: Field Strength (μ V/m) = (41.67 × f)–7083

Remark:

- 1. The emission limit is based on measurement instrumentation employing an average detector at a distance of 3 meters. The frequencies above 1000MHz are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.
- 2. The fundamental frequency of the EUT is 433.92 MHz, so the limit for average or QP field strength dBuv/m for the fundamental emission= $80.8 \ dB\mu V/m$.
- 3. The average correction factor is computed by analyzing the on time in 100ms over one complete pulse train. Analysis of the remote transmitter on time in one complete pulse train, therefore the average value of fundamental frequency is: Average = Peak value + 20log (Duty cycle), where the Duty cycle is calculated from formula:

Duty cycle = Ton_cum / Ton+off

Here.

 $Ton_cum = 0.23 (ms)$

Ton+off = 0.415 (ms)

Duty cycle = 0.23 / 0.415 = 0.55

 $20\log (Duty cycle) = 20\log(0.55) = -5.19$

Please refer to below test plots for more details.



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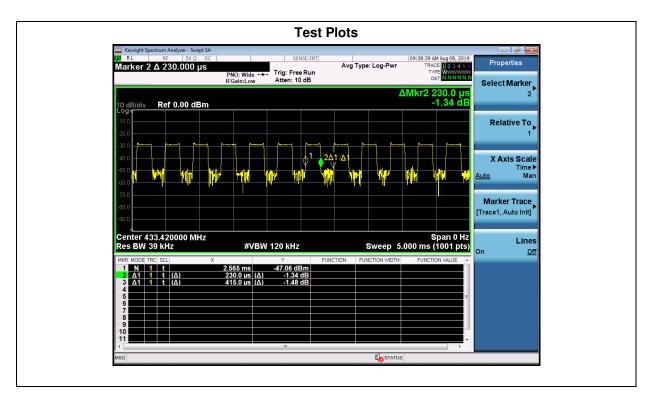
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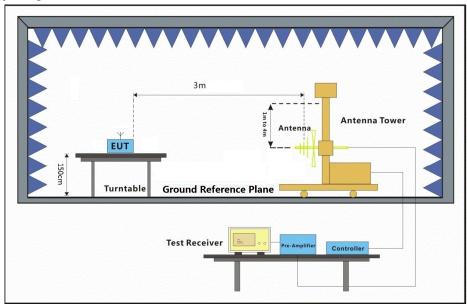
7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C Humidity: 51 % RH Atmospheric Pressure: 1020 mbar

Test mode c:TX mode Keep the EUT in transmitting with modulation mode.

7.3.2 Test Setup Diagram





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7.3.3 Measurement Procedure and Data

a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. The radiation measurements are performed in X, Y, Z axis positioning. And found the X axis positioning which it is worse case, only the test worst case mode is recorded in the report.

Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

| Frequency (MHz) | Polarization | Emission Level (dBμv/m) | Limit Line (dBµv/m) | Over Limit (dB) | Remark | Verdict |
|--------------------|--------------|-------------------------|------------------------|--------------------|---------|---------|
| 433.42 | Horizontal | 82.57 | 108.8 | -26.23 | Peak | PASS |
| 433.42 | Horizontal | 77.38 | 80.8 | -3.42 | Average | PASS |
| 433.42 | Vertical | 75.46 | 108.8 | -33.34 | Peak | PASS |
| 433.42 | Vertical | 70.27 | 80.8 | -10.53 | Average | PASS |



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7.4 Radiated Emissions

Test Requirement 47 CFR Part 15, Subpart C 15.231(b)
Test Method: ANSI C63.10 (2013) Section 6.4&6.5&6.6

Measurement Distance: 3m

Limit:

| Frequency(MHz) | Field strength (microvolts/meter) | Measurement distance (meters) |
|----------------|-----------------------------------|-------------------------------|
| 0.009-0.490 | 2400/F(kHz) | 300 |
| 0.490-1.705 | 24000/F(kHz) | 30 |
| 1.705-30.0 | 30 | 30 |
| 30-88 | 100 | 3 |
| 88-216 | 150 | 3 |
| 216-960 | 200 | 3 |
| Above 960 | 500 | 3 |

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.



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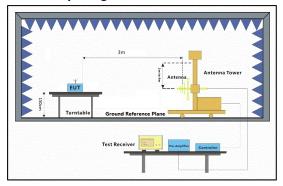
7.4.1 E.U.T. Operation

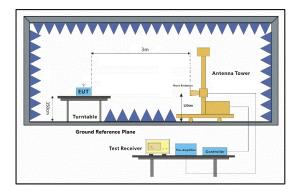
Operating Environment:

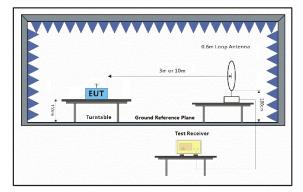
Temperature: 24.2 °C Humidity: 50.3 % RH Atmospheric Pressure: 1020 mbar

Test mode c:TX mode_Keep the EUT in transmitting with modulation mode.

7.4.2 Test Setup Diagram









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7.4.3 Measurement Procedure and Data

a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. The radiation measurements are performed in X, Y, Z axis positioning. And found the X axis positioning which it is worse case, only the test worst case mode is recorded in the report.

Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Radiated emission below 30MHz

The measurements with active loop antenna were greater than 20dB below the limit, so the test data were not recorded in the test report.

| Frequency (MHz) | Polarization | Emission Level (dBμv/m) | Limit Line (dBµv/m) | Over Limit (dB) | Remark | Verdict |
|-----------------|--------------|-------------------------|------------------------|--------------------|--------|---------|
| 35.251 | Horizontal | 24.62 | 60.8 | -36.18 | QP | PASS |
| 60.492 | Horizontal | 15.81 | 60.8 | -44.99 | QP | PASS |
| 159.784 | Horizontal | 15.8 | 60.8 | -45 | QP | PASS |
| 365.539 | Horizontal | 18.78 | 60.8 | -42.02 | QP | PASS |
| 590.974 | Horizontal | 23.64 | 60.8 | -37.16 | QP | PASS |
| 760.704 | Horizontal | 27.35 | 60.8 | -33.45 | QP | PASS |
| 49.707 | Vertical | 16.95 | 60.8 | -43.85 | QP | PASS |
| 150.011 | Vertical | 15.7 | 60.8 | -45.1 | QP | PASS |
| 281.995 | Vertical | 17.18 | 54 | -36.82 | QP | PASS |
| 394.855 | Vertical | 21.06 | 60.8 | -39.74 | QP | PASS |
| 638.369 | Vertical | 25.06 | 60.8 | -35.74 | QP | PASS |
| 821.71 | Vertical | 28.51 | 60.8 | -32.29 | QP | PASS |



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Radiated emission above 1GHz

| Frequency | Polarization | Emission Level | Limit Line | Over Limit | Remark | Verdict |
|-----------|--------------|----------------|------------|------------|---------|---------|
| (MHz) | | (dBμv/m) | (dBμv/m) | (dB) | | |
| 2165.753 | Horizontal | 46.06 | 8.08 | -34.74 | Peak | PASS |
| 2165.753 | Horizontal | 40.87 | 60.8 | -19.93 | Average | PASS |
| 2598.351 | Horizontal | 49.58 | 80.8 | -31.22 | Peak | PASS |
| 2598.351 | Horizontal | 44.39 | 60.8 | -16.41 | Average | PASS |
| 3031.626 | Horizontal | 54.19 | 80.8 | -26.61 | Peak | PASS |
| 3031.626 | Horizontal | 49 | 60.8 | -11.8 | Average | PASS |
| 3897.968 | Horizontal | 50.69 | 74 | -23.31 | Peak | PASS |
| 3897.968 | Horizontal | 45.5 | 54 | -8.5 | Average | PASS |
| 4330.163 | Horizontal | 50.95 | 80.8 | -29.85 | Peak | PASS |
| 4330.163 | Horizontal | 45.76 | 60.8 | -15.04 | Average | PASS |
| 5196.368 | Horizontal | 52.61 | 80.8 | -28.19 | Peak | PASS |
| 5196.368 | Horizontal | 47.42 | 60.8 | -13.38 | Average | PASS |
| 2165.753 | Vertical | 50.67 | 80.8 | -30.13 | Peak | PASS |
| 2165.753 | Vertical | 45.48 | 60.8 | -15.32 | Average | PASS |
| 2598.351 | Vertical | 54.79 | 80.8 | -26.01 | Peak | PASS |
| 2598.351 | Vertical | 49.6 | 60.8 | -11.2 | Average | PASS |
| 3031.626 | Vertical | 62.68 | 80.8 | -18.12 | Peak | PASS |
| 3031.626 | Vertical | 57.49 | 60.8 | -3.31 | Average | PASS |
| 3897.968 | Vertical | 55.84 | 74 | -18.16 | Peak | PASS |
| 3897.968 | Vertical | 50.65 | 54 | -3.35 | Average | PASS |
| 4330.163 | Vertical | 56.7 | 74 | -17.3 | Peak | PASS |
| 4330.163 | Vertical | 51.51 | 54 | -2.49 | Average | PASS |
| 5629.286 | Vertical | 55.32 | 80.8 | -25.48 | Peak | PASS |
| 5629.286 | Vertical | 50.13 | 60.8 | -10.67 | Average | PASS |

-- End of Report--



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