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1 Cover Page

RF REPORT

Application No.:SHEM2006005138CRFCC ID:2ADTD-S020201112

Applicant: Hangzhou Hikvision Digital Technology Co., Ltd.

Address of Applicant: No.555 Qianmo Road, Binjiang District Hangzhou 310052, China

Manufacturer: Hangzhou Hikvision Digital Technology Co., Ltd.

Address of Manufacturer: No.555 Qianmo Road, Binjiang District Hangzhou 310052, China

Factory: Hangzhou Hikvision Electronics Co.,Ltd.

Address of Factory: No.299, Qiushi Road, Tonglu Economic Development Zone, Tonglu

County, Hangzhou, Zhejiang, 310052, China.

Equipment Under Test (EUT):

EUT Name: Wireless External Sounder

Model No.: DS-PS1-E-WB,DS-PS1-E-WBUHK,DS-PS1-E-WBCKV,DS-PS1-E-

WBUVS,DS-PS1-E-WBKVO,DS-PS1-E-WBHUN¤

Please refer to section 2 of this report which indicates which model was

actually tested and which were electrically identical.

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

Date of Receipt: 2020-06-30

Date of Test: 2020-07-01 to 2020-07-09

Date of Issue: 2020-07-17

Test Result: Pass*

parlan 2han

Parlam Zhan E&E Section Manager

检验检测专用章 spection & Testing Services

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.

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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443,

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^{*} In the configuration tested, the EUT complied with the standards specified above.



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| Revision Record | | | | | | | |
|---------------------------------|----------|------------|---|--|--|--|--|
| Version Description Date Remark | | | | | | | |
| 00 | Original | 2020-07-17 | / | | | | |
| | | | | | | | |

| Authorized for issue by: | | |
|--------------------------|--------------------------------|---|
| | Michael Mil | |
| | Micheal Niu / Project Engineer | |
| | Darlam Zhan | |
| | Parlam Zhan /Reviewer | - |



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2 Test Summary

| Test Item | FCC Requirement | Test method | Result |
|-----------------------------------|--------------------------|---|--------|
| Antenna Requirement | Part 15.203 | / | PASS |
| Conducted Emission | Part 15.207 | ANSI C63.10 (2013) Section 6.2 | N/A |
| Field Strength of the Fundamental | Part 15.231 (b) | ANSI C63.10 (2013) Section 6.4 | PASS |
| Radiated Spurious emissions | Part 15.209 15.231(b) | ANSI C63.10 (2013) Section 6.4&6.5&6.6 | PASS |
| 20dB Bandwidth | Part 15.231 (c) | ANSI C63.10 (2013) Section 6.9.2 | PASS |
| Dwell Time | Part 15.231 (a) | ANSI C63.10 (2013) Section 7.8.4 | PASS |

Note: Declaration of EUT Family Grouping:

There are series models mentioned in this report, and they are the identical in electrical and electronic characters. Only the model DS-PS1-E-WB was tested since their differences were the model number. N/A: This EUT is powered by battery only; therefore the AC Conducted Emission test is not applicable.



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4 General Information

4.1 General Description of E.U.T.

| Power supply: | DC 3V by Lithium Battery |
|---------------|--------------------------|
| Test voltage: | DC 3V |

4.2 Technical Specifications:

| Modulation Type | 2GFSK |
|---------------------|-------------|
| Number of Channels | 1 |
| Operation Frequency | 433.10MHz |
| Antenna Type | PCB Antenna |

4.3 Description of Support Units

The EUT has been tested independently

4.4 Measurement Uncertainty

| No. | Item | Measurement Uncertainty |
|-----|--|-------------------------|
| 1 | Radio Frequency | 8.4 x 10-8 |
| 2 | Timeout | 2s |
| 3 | Duty cycle | 0.4% |
| 4 | Occupied Bandwidth | 3% |
| 5 | RF conducted power | 0.6dB |
| 6 | RF power density | 2.9dB |
| 7 | Conducted Spurious emissions | 0.75dB |
| 0 | DE Dadioted newer | 5.1dB (Below 1GHz) |
| 8 | RF Radiated power | 5.9dB (Above 1GHz) |
| | | 4.2dB (Below 30MHz) |
| | _ ,, _ , _ , _ , _ , , , , , , , , , , | 4.5dB (30MHz-1GHz) |
| 9 | Radiated Spurious emission test | 5.1dB (1GHz-6GHz) |
| | | 5.4dB (6GHz-18GHz) |
| 10 | Temperature test | 1°C |
| 11 | Humidity test | 3% |
| 12 | Supply voltages | 1.5% |
| 13 | Time | 3% |

Note: The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



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4.5 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc.

No.10 Weiye Rd, Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China.

Tel: +86 512 5735 5888 Fax: +86 512 5737 0818

No tests were sub-contracted.

4.6 Test Facility

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

• CNAS (No. CNAS L4354)

CNAS has accredited Compliance Certification Services (Kunshan) Inc. to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

A2LA (Certificate No. 2541.01)

Compliance Certification Services (Kunshan) Inc. is accredited by the American Association for Laboratory Accreditation (A2LA). Certificate No. 2541.01.

• FCC (Designation Number: CN1172)

Compliance Certification Services Inc. has been recognized as an accredited testing laboratory. Designation Number: CN1172.

• ISED (CAB identifier: CN0072)

Compliance Certification Services (Kunshan) Inc. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

CAB Identifier: CN0072.

• VCCI (Member No.: 1938)

The 3m and 10m Semi-anechoic chamber and Shielded Room of Compliance Certification Services (Kunshan) Inc. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-1600, C-1707, T-1499, G-10216 respectively.



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5 Equipments Used during Test

| Item | Equipment | Manufacturer | Model | Serial Number | Cal Date | Cal. Due Date |
|------|---|---------------|-------------|---------------|------------|---------------|
| | nducted Emission at Mains Term | | | , , | | |
| 1 | EMI Test Receive | R&S | ESCI | 100781 | 02/24/2020 | 02/23/2021 |
| 2 | LISN | R&S | ENV216 | 101604 | 10/24/2019 | 10/23/2020 |
| 3 | LISN | Schwarzbeck | NNLK 8129 | 8129-143 | 10/24/2019 | 10/23/2020 |
| 4 | Pulse Limiter | R&S | ESH3-Z2 | 100609 | 02/24/2020 | 02/23/2021 |
| 5 | CE test Cable | Thermax | / | 14 | 02/24/2020 | 02/23/2021 |
| RF | Conducted Test | 1 | | , , | | |
| 1 | Spectrum Analyzer | Agilent | E4446A | MY44020154 | 04/22/2020 | 04/21/2021 |
| 2 | Spectrum Analyzer | Keysight | N9020A | MY55370209 | 12/19/2019 | 12/18/2020 |
| 3 | Signal Generator | Agilent | E8257C | MY43321570 | 10/24/2019 | 10/23/2020 |
| 4 | Vector Signal Generator | R&S | SMU 200A | 102744 | 02/24/2020 | 02/23/2021 |
| 5 | Universal Radio Communication Tester | R&S | CMU200 | 109525 | 12/19/2019 | 12/18/2020 |
| 6 | Universal Radio Communication Tester | R&S | CMW500 | 159275 | 12/19/2019 | 12/18/2020 |
| 7 | Power Meter | Anritsu | ML2495A | 1445010 | 04/21/2020 | 04/20/2021 |
| 8 | Switcher | CCSRF | FY562 | KS301219 | 12/20/2019 | 12/19/2020 |
| 9 | AC Power Source | EXTECH | 6605 | 1570106 | N.C.R | N.C.R |
| 10 | DC Power Supply | Aglient | E3632A | MY50340053 | N.C.R | N.C.R |
| 11 | 6dB Attenuator | Mini-Circuits | NAT-6-2W | 15542-1 | N.C.R | N.C.R |
| 12 | Power Divider | AISI | IOWOPE2068 | PE2068 | N.C.R | N.C.R |
| 13 | Filter | MICRO-TRONICS | BRM50701 | 5 | N.C.R | N.C.R |
| 14 | Conducted test cable | / | RF01-RF04 | / | 04/21/2020 | 04/22/2021 |
| 15 | Temp. / Humidity Chamber | TERCHY | MHK-120AK | X30109 | 04/21/2020 | 04/20/2021 |
| | Radiated Test | TEROITI | WITH 120741 | 7,00100 | 04/21/2020 | 0-1/20/2021 |
| 1 | Spectrum Analyzer | R&S | FSV40 | 101493 | 01/08/2020 | 01/07/2021 |
| 2 | Signal Generator | Agilent | E8257C | MY43321570 | 10/24/2019 | 10/23/2020 |
| 3 | Loop Antenna | Schwarzbeck | HXYZ9170 | 9170-108 | | 02/23/2021 |
| 4 | • | | | | 02/24/2020 | |
| 5 | Bilog Antenna | TESEQ | CBL 6112D | 35403 | 06/22/2019 | 06/21/2021 |
| | Bilog Antenna | SCHWARZBECK | VULB9160 | 9160-3342 | 04/29/2019 | 04/28/2021 |
| 6 | Horn-antenna(1-18GHz) | Schwarzbeck | BBHA9120D | 267 | 11/04/2018 | 11/03/2020 |
| 7 | Horn-antenna(1-18GHz) | ETS-LINDGREN | 3117 | 00143290 | 02/25/2019 | 02/24/2021 |
| 8 | Horn Antenna(18-40GHz) | Schwarzbeck | BBHA9170 | BBHA9170171 | 02/27/2018 | 02/26/2021 |
| 9 | Pre-Amplifier(30MHz~18GHz) | CCSRF | AMP1277 | 1 | 12/19/2019 | 12/18/2020 |
| 10 | Pre-Amplifier(0.1~26.5GHz) | EMCI | EMC012645 | 980060 | 04/21/2020 | 04/20/2021 |
| 11 | Low Pass Filter | MICRO-TRONICS | VLFX-950 | RV142900829 | N.C.R | N.C.R |
| 12 | High Pass Filter | Mini-Circuits | VHF-1200 | 15542 | N.C.R | N.C.R |
| 13 | Filter (5450MHz~5770 MHz) | MICRO-TRONICS | BRC50704-01 | 2 | N.C.R | N.C.R |
| 14 | Filter (5690 MHz~5930 MHz) | MICRO-TRONICS | BRC50705-01 | 4 | N.C.R | N.C.R |
| 15 | Filter (5150 MHz~5350 MHz) | MICRO-TRONICS | BRC50703-01 | 2 | N.C.R | N.C.R |
| 16 | Filter (885 MHz~915 MHz) | MICRO-TRONICS | BRM14698 | 1 | N.C.R | N.C.R |
| 17 | Filter (815 MHz~860 MHz) | MICRO-TRONICS | BRM14697 | 1 | N.C.R | N.C.R |
| 18 | Filter (1745 MHz~1910 MHz) | MICRO-TRONICS | BRM14700 | 1 | N.C.R | N.C.R |
| 19 | Filter (1922 MHz~1977 MHz) | MICRO-TRONICS | BRM50715 | 1 | N.C.R | N.C.R |
| 20 | Filter (2550 MHz) | MICRO-TRONICS | HPM13362 | 5 | N.C.R | N.C.R |
| 21 | Filter (1532 MHz~1845 MHz) | MICRO-TRONICS | BRM50713 | 1 | N.C.R | N.C.R |
| 22 | Filter (2.4GHz) | MICRO-TRONICS | BRM50701 | 5 | N.C.R | N.C.R |
| 23 | RE test cable | | RE01-RE04 | , J | 04/21/2020 | |
| | NE LEST CADIE | / | NEUI-NEU4 | 1 | U4/21/2U2U | 04/22/2021 |

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6 Test results and Measurement Data

6.1 Antenna Requirement

15.203 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 a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

The antenna is PCB antenna, and no consideration of replacement.

Antenna location: Refer to Appendix (Internal Photos)



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6.2 Conducted Emissions at AC Power Line (150kHz-30MHz)

Test Requirement 47 CFR Part 15, Subpart C 15.207 Test Method: ANSI C63.10 (2013) Section 6.2

Limit:

| Frequency of emission(MHz) | Conducted limit(dBμV) | | | | |
|---|-----------------------|-----------|--|--|--|
| Frequency of emission(winz) | Quasi-peak | Average | | | |
| 0.15-0.5 | 66 to 56* | 56 to 46* | | | |
| 0.5-5 | 56 | 46 | | | |
| 5-30 | 60 | 50 | | | |
| *Decreases with the logarithm of the frequency. | | | | | |

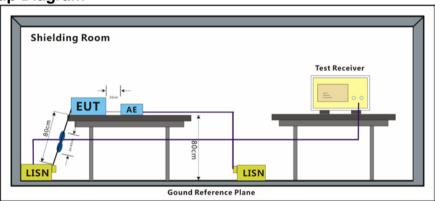
6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1020 mbar

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

6.2.2 Test Setup Diagram



6.2.3 Measurement Procedure and Data

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a $50 \text{ohm}/50 \mu\text{H} + 5 \text{ohm}$ linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

This EUT is powered by battery only; therefore the AC Conducted Emission test is not applicable.

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6.3 Spurious Emissions

Test frequency range: 9KHz - 5GHz

Test Site: Measurement Distance: 3m

Receiver Setup:

(Spurious Emissions

Limit:

| | Frequency | Detector | RBW | VBW | Remark |
|---|----------------------|----------------------------------|--------------------|---------------|--------------------------|
| | 0.009MHz-0.015MHz | Quasi-peak | 200Hz | 1KHz | Quasi-peak |
| | 0.015MHz-30MHz | Quasi-peak | 9kHz | 30KHz | Quasi-peak |
| - | 30MHz-1GHz | Quasi-peak | 120 kHz | 300KHz | Quasi-peak |
| | Abovo 1CUz | Peak | 1MHz | 3MHz | Peak |
| | Above 1GHz | Peak | 1MHz | 10Hz | Average |
| | Frequency | Field strength (microvolt/meter) | Limit (dBuV/m) | Remark | Measurement distance (m) |
| | 0.009MHz-0.490MHz | 2400/F(kHz) | • | Quasi-peak | 300 |
| | 0.490MHz-1.705MHz | 24000/F(kHz) | • | Quasi-peak | 30 |
| | 1.705MHz-30MHz | 30 | • | Quasi-peak | 30 |
| | 30MHz-88MHz | 100 | 40.0 | Quasi-peak | 3 |
| | 88MHz-216MHz | 150 | 43.5 | Quasi-peak | 3 |
| | 216MHz-960MHz | 200 | 46.0 | Quasi-peak | 3 |
| | 960MHz-1GHz | 500 | 54.0 | Quasi-peak | 3 |
| | Above 1GHz | 500 | 54.0 | Average | 3 |
| | Above 1GHz | 500 | 74.0 | Peak | 3 |
| | Frequency | Limit (dBuV/m @3m) | | Remark | |
| è | 433.09 - 434.61MHz | 80.83 | | Average Value | |
| | 433.08 - 434.0 HVIMZ | 100.83 | | Peak | Value |

Limit: (Field strength of the fundamental signal)

Test Procedure:

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. 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.
- d. 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.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. 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.
- g. The radiation measurements are performed in X, Y, Z axis positioning. And found the Z axis positioning which it is worse case, only the test worst case mode is recorded in the report.



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E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1020 mbar

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

Test Setup:

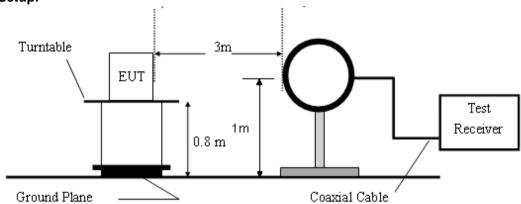


Figure 1. Blow 30MHz radiated emissions test configuration

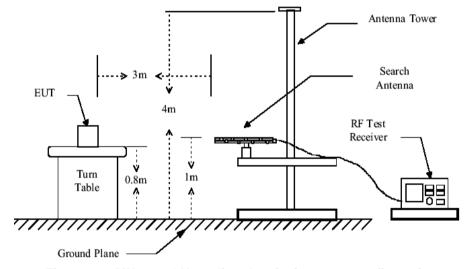


Figure 2. 30MHz to 1GHz radiated emissions test configuration

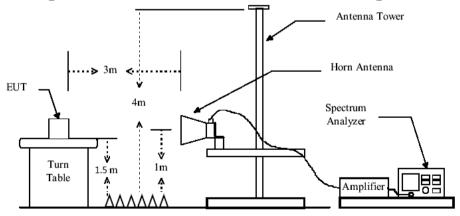


Figure 3. Above 1GHz radiated emissions test configuration

Test Results: Pass



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6.3.1 Field Strength of the Fundamental Signal

| Test channel | Freq. (MHz) | Result Level (dBµV/m) | Limit Line (dBµV/m) | Over Limit (dB) | Detector | Polarization |
|--------------|----------------|--------------------------|------------------------|--------------------|----------|--------------|
| Channal 1 | 422.40 | 63.58 | 80.83 | -17.25 | Peak | Vertical |
| Channel 1 | 433.10 | 74.89 | 80.83 | -5.94 | Peak | Horizontal |

Remark: If the Peak value below the AV Limit, the AV test doesn't perform for this submission.



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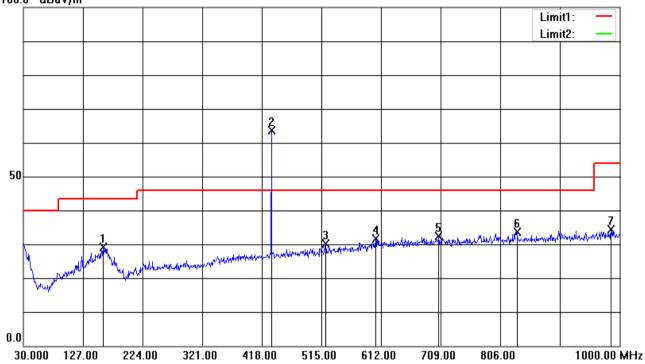
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6.3.2 Spurious Emissions

Below 1GHz

Vertical:

100.0 dBuV/m



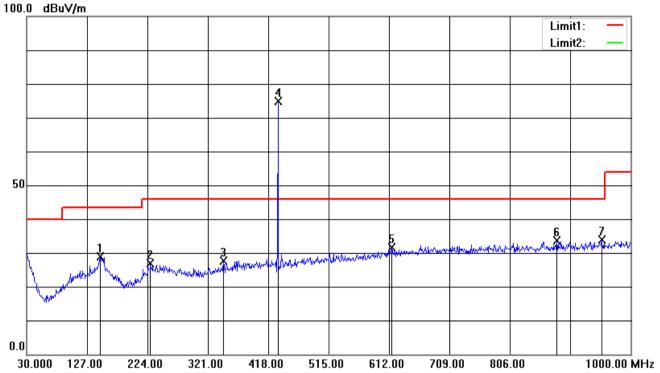
| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 159.9800 | 9.72 | 19.43 | 29.15 | 43.50 | -14.35 | QP |
| 2 | 433.1000 | 39.29 | 24.29 | 63.58 | 80.83 | -17.25 | peak |
| 3 | 521.7900 | 4.52 | 25.51 | 30.03 | 46.00 | -15.97 | QP |
| 4 | 603.2700 | 4.94 | 26.63 | 31.57 | 46.00 | -14.43 | QP |
| 5 | 706.0900 | 4.70 | 27.76 | 32.46 | 46.00 | -13.54 | QP |
| 6 | 833.1600 | 5.21 | 28.39 | 33.60 | 46.00 | -12.40 | QP |
| 7 | 986.4200 | 4.90 | 29.43 | 34.33 | 54.00 | -19.67 | QP |



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Horizontal:



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|--------------|----------|----------|--------|--------|
| | (MHz) | (dBuV) | Factor(dB/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 148.3400 | 8.67 | 20.15 | 28.82 | 43.50 | -14.68 | QP |
| 2 | 228.8500 | 8.67 | 18.14 | 26.81 | 46.00 | -19.19 | QP |
| 3 | 346.2200 | 5.03 | 22.62 | 27.65 | 46.00 | -18.35 | QP |
| 4 | 433.1000 | 50.60 | 24.29 | 74.89 | 80.83 | -5.94 | peak |
| 5 | 616.8500 | 4.80 | 26.77 | 31.57 | 46.00 | -14.43 | QP |
| 6 | 881.6600 | 5.10 | 28.64 | 33.74 | 46.00 | -12.26 | QP |
| 7 | 953.4400 | 4.81 | 29.13 | 33.94 | 46.00 | -12.06 | QP |



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Above 1GHz

| Mark | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Emission (dBuV/m) | Limit (dBuV/m) | Over Limit | Detector | polarization |
|------|--------------------|-------------------|----------------|----------------------|-------------------|------------|----------|--------------|
| 1 | 2195.000 | 56.58 | -15.89 | 40.69 | 54.00 | -13.31 | peak | Vertical |
| 2 | 3420.000 | 53.88 | -12.74 | 41.14 | 54.00 | -12.86 | peak | Vertical |
| 3 | 4905.000 | 52.42 | -9.31 | 43.11 | 54.00 | -10.89 | peak | Vertical |
| 4 | 2235.000 | 54.75 | -15.72 | 39.03 | 54.00 | -14.97 | peak | Horizontal |
| 5 | 3340.000 | 54.37 | -12.88 | 41.49 | 54.00 | -12.51 | peak | Horizontal |
| 6 | 4985.000 | 51.45 | -8.97 | 42.48 | 54.00 | -11.52 | peak | Horizontal |

Remark:

- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
 - Final Test Level = Receiver Reading Level + Antenna Factor + Cable Factor Preamplifier Factor
- 2) If Peak Result comply with AV limit, AV Result is deemed to comply with QP limit
- 3) No any other emissions level which are attenuated less than 20dB below the limit. According to 15.31(o), the amplitude of spurious emissions from intentional radiators and emissions from unintentional radiators which are attenuated more than 20 dB below the permissible value need not be reported unless specifically required elsewhere in this Part. Hence there no other emissions have been reported.



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6.4 20dB Bandwidth

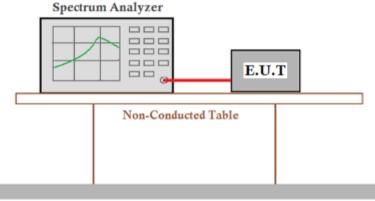
E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1020 mbar

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

Test Setup:



Ground Reference Plane

Limit: The bandwidth of the emission shall be no wider than 0.25% of the center frequency

for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.

Test Results: Pass

Measurement Data:

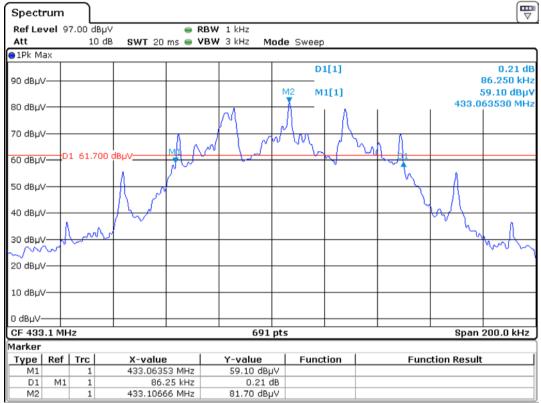
| Frequency(MHz) | Frequency(MHz) 20dB bandwidth (kHz) | | Results | |
|----------------|-------------------------------------|--------|---------|--|
| 433.1 | 86.25 | 1082.8 | Pass | |



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Test plot as follows:





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6.5 Dwell Time

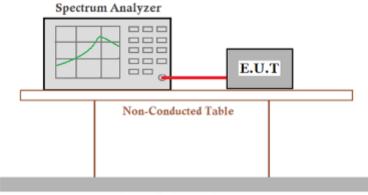
E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1020 mbar

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

Test Setup:



Ground Reference Plane

Limit: 15.231 (a): Not more than 5 seconds

Test Results: Pass

Measurement Data:

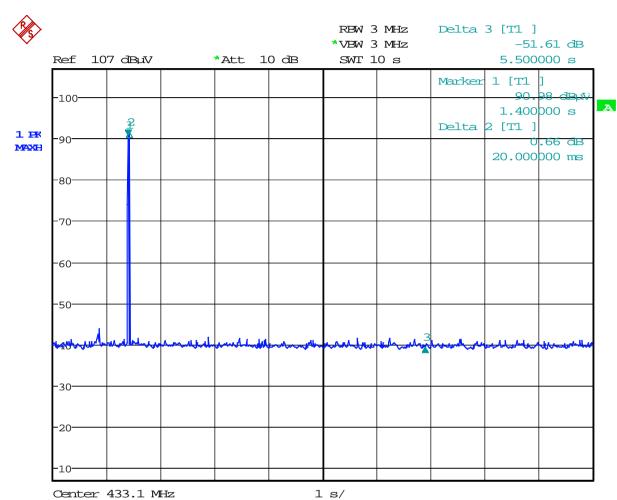
| Test item | Limit (s) | Results | |
|-----------------------|-----------|---------|--|
| Transmission Duration | ≤5s | Pass | |



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Test plot as follows:





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7 Test Setup Photographs

Refer to the < Test Setup photos-FCC>.

8 EUT Constructional Details

Refer to the < External Photos > & <Internal Photos >.

-- End of the Report--