

TEST REPORT

Product : Caregiver Pager
Trade mark : XSCXFSKJ
Model/Type reference : HJQ1
Serial Number : N/A
Report Number : EED32R81027701
FCC ID : 2BQKG-XSPG
Date of Issue : Aug. 26, 2025
Test Standards : 47 CFR Part 15 Subpart C
Test result : PASS

Prepared for:

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Room 402, No. 12, Lane 7, Shuidouxinwei Village, Yousong Community,
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Prepared by:

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Date:

Aug. 26, 2025

Check No.: 6252230625



1 Test Summary

| Test Item | Test Requirement | Test method | Result |
|---|--|------------------|--------|
| Antenna Requirement | 47 CFR Part 15 Subpart C Section 15.203 | ANSI C63.10:2013 | PASS |
| AC Power Line Conducted Emission | 47 CFR Part 15 Subpart C Section 15.207 | ANSI C63.10:2013 | N/A |
| Field Strength of the Fundamental Signal | 47 CFR Part 15 Subpart C Section 15.231 (b) | ANSI C63.10:2013 | PASS |
| Spurious Emissions | 47 CFR Part 15 Subpart C Section 15.231 (b)/15.209 | ANSI C63.10:2013 | PASS |
| 20dB Bandwidth | 47 CFR Part 15 Subpart C Section 15.231 (c) | ANSI C63.10:2013 | PASS |
| Dwell Time | 47 CFR Part 15 Subpart C Section 15.231 (a) | ANSI C63.10:2013 | PASS |

Remark:

N/A: The EUT does not have any power ports and is not tested.

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3 General Information

3.1 Client Information

| | |
|--------------------------|--|
| Applicant: | Shenzhen Xingsha Innovation Trading Co., Ltd. |
| Address of Applicant: | Room 402, No. 12, Lane 7, Shuidouxinwei Village, Yousong Community, Longhua Street, Longhua District, Shenzhen |
| Manufacturer: | Shenzhen Xingsha Innovation Trading Co., Ltd. |
| Address of Manufacturer: | Room 402, No. 12, Lane 7, Shuidouxinwei Village, Yousong Community, Longhua Street, Longhua District, Shenzhen |
| Factory: | Shenzhen Xingsha Innovation Trading Co., Ltd. |
| Address of Factory: | Room 402, No. 12, Lane 7, Shuidouxinwei Village, Yousong Community, Longhua Street, Longhua District, Shenzhen |

3.2 General Description of EUT

| | | | |
|-----------------------|--|---------|--|
| Product Name: | Caregiver Pager | | |
| Model No.(EUT): | HJQ1 | | |
| Trade Mark: | XSCXFSKJ | | |
| Product Type: | <input type="checkbox"/> Mobile <input checked="" type="checkbox"/> Portable <input type="checkbox"/> Fix Location | | |
| Frequency Range: | 433.92MHz | | |
| Modulation Type: | FSK | | |
| Number of Channels: | 1 (declared by the client) | | |
| Antenna Type: | Internal Antenna | | |
| Antenna Gain: | 0dBi | | |
| Power Supply: | Battery: | DC 3V*2 | |
| Test voltage: | DC 6.0V | | |
| Sample Received Date: | Jul. 08, 2025 | | |
| Sample tested Date: | Jul. 08, 2025 to Aug. 14, 2025 | | |

3.3 Test Environment and Mode

| | |
|-------------------------------------|------------|
| Operating Environment: | |
| Radiated Spurious Emissions: | |
| Temperature: | 22~25.0 °C |
| Humidity: | 50~55 % RH |
| Atmospheric Pressure: | 1010mbar |
| Conducted Emissions: | |
| Temperature: | 22~25.0 °C |
| Humidity: | 50~55 % RH |
| Atmospheric Pressure: | 1010mbar |

| | |
|--------------------|--|
| Test mode: | |
| Transmitting mode: | Keep the EUT in transmitting mode with modulation. |

3.4 Description of Support Units

The EUT has been tested with associated equipment below.

1) support equipment

| Description | Manufacturer | Model No. | Certification | Supplied by |
|-------------|--------------|-----------|---------------|-------------|
| / | / | / | / | / |
| | | | | |

3.5 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164, ISED test site number:7408A, CAB identifier number : CN0037

3.6 Deviation from Standards

None.

3.7 Abnormalities from Standard Conditions

None.

3.8 Other Information Requested by the Customer

None.

3.9 Measurement Uncertainty (95% confidence levels, k=2)

| No. | Item | Measurement Uncertainty |
|-----|---------------------------------|---|
| 1 | Radio Frequency | 7.9×10^{-8} |
| 2 | RF power, conducted | 0.46dB (30MHz-1GHz) 0.55dB (1GHz-18GHz) |
| 3 | Radiated Spurious emission test | 3.3dB (9kHz-30MHz) 4.3dB (30MHz-1GHz) 4.5dB (1GHz-12.75GHz) |
| 4 | Conduction emission | 3.5dB (9kHz to 150kHz) 3.1dB (150kHz to 30MHz) |
| 5 | Temperature test | 0.64°C |
| 6 | Humidity test | 3.8% |
| 7 | DC power voltages | 0.026% |

4 Equipment List

| RF test system | | | | | |
|-----------------------------------|------------------------|------------|------------------------|--------------------------|----------------------------|
| Equipment | Manufacturer | Model No. | Serial Number | Cal. Date (mm-dd-yyyy) | Cal. Due date (mm-dd-yyyy) |
| Communication test set | R&S | CMW500 | 107929 | 06-16-2025 | 06-15-2026 |
| Signal Generator | R&S | SMBV100A | 1407.6004K02-262149-CV | 09-02-2024 | 09-01-2025 |
| Spectrum Analyzer | R&S | FSV40 | 101200 | 07-18-2024 07-16-2025 | 07-17-2025 07-15-2026 |
| RF control unit(power unit) | MWRF-test | MW100-RFCB | MW220620CTI-42 | 06-16-2025 | 06-15-2026 |
| High-low temperature test chamber | Dong Guang Qin Zhuo | LK-80GA | QZ20150611879 | 11-30-2024 | 11-29-2025 |
| Temperature/ Humidity Indicator | biaozhi | HM10 | 1804186 | 05-26-2025 | 05-25-2026 |
| BT&WI-FI Automatic test software | MWRF-test | MTS 8310 | V2.0.0.0 | --- | --- |
| Spectrum Analyzer | R&S | FSV3044 | 101509 | 02-14-2025 | 02-13-2026 |

| 3M Semi-anechoic Chamber (2)- Radiated disturbance Test | | | | | |
|---|--------------|-------------|---------------|--------------|---------------|
| Equipment | Manufacturer | Model No. | Serial Number | Cal. date | Cal. Due date |
| | | | | (mm-dd-yyyy) | (mm-dd-yyyy) |
| 3M Chamber & Accessory Equipment | TDK | SAC-3 | --- | 01/13/2024 | 01/12/2027 |
| Receiver | R&S | ESCI7 | 100938-003 | 09/07/2024 | 09/06/2025 |
| Spectrum Analyzer | R&S | FSV40 | 101200 | 08/11/2025 | 08/10/2026 |
| TRILOG Broadband Antenna | schwarzbeck | VULB 9163 | 9163-618 | 05/14/2025 | 05/13/2026 |
| Loop Antenna | Schwarzbeck | FMZB 1519B | 1519B-076 | 04/07/2025 | 04/06/2026 |
| Microwave Preamplifier | Tonscend | EMC051845SE | 980380 | 12/05/2024 | 12/04/2025 |
| Horn Antenna | A.H.SYSTEMS | SAS-574 | 374 | 07/02/2023 | 07/01/2026 |
| Horn Antenna | ETS-LINGREN | BBHA 9120D | 9120D-1869 | 04/07/2025 | 04/06/2026 |
| Preamplifier | Agilent | 11909A | 12-1 | 03/03/2025 | 03/02/2026 |
| Preamplifier | CD | PAP-1840-60 | 6041.6042 | 05/26/2025 | 05/25/2026 |
| Test software | Fara | EZ-EMC | EMEC-3A1-Pre | --- | --- |
| Cable line | Fulai(7M) | SF106 | 5219/6A | 01/13/2024 | 01/12/2027 |
| Cable line | Fulai(6M) | SF106 | 5220/6A | 01/13/2024 | 01/12/2027 |
| Cable line | Fulai(3M) | SF106 | 5216/6A | 01/13/2024 | 01/12/2027 |
| Cable line | Fulai(3M) | SF106 | 5217/6A | 01/13/2024 | 01/12/2027 |

| 3M full-anechoic Chamber | | | | | |
|--------------------------------|--------------|-------------------|---------------|------------------------|----------------------------|
| Equipment | Manufacturer | Model No. | Serial Number | Cal. Date (mm-dd-yyyy) | Cal. Due date (mm-dd-yyyy) |
| Fully Anechoic Chamber | TDK | FAC-3 | --- | 01-09-2024 | 01-08-2027 |
| Receiver | Keysight | N9038A | MY57290136 | 01-04-2025 | 01-03-2026 |
| Spectrum Analyzer | Keysight | N9020B | MY57111112 | 01-14-2025 | 01-13-2026 |
| Spectrum Analyzer | Keysight | N9030B | MY57140871 | 01-14-2025 | 01-13-2026 |
| TRILOG Broadband Antenna | Schwarzbeck | VULB 9163 | 9163-1148 | 04-12-2025 | 04-11-2026 |
| Horn Antenna | Schwarzbeck | BBHA 9170 | 9170-832 | 04-12-2025 | 04-11-2026 |
| Horn Antenna | ETS-LINDGREN | 3117 | 57407 | 06-29-2025 | 06-28-2026 |
| Preamplifier | EMCI | EMC001330 | 980563 | 03-03-2025 | 03-02-2026 |
| Preamplifier | Tonscend | TAP-011858 | AP21B806112 | 07-07-2025 | 07-06-2026 |
| Preamplifier | Tonscend | EMC051845SE | 980380 | 12-05-2024 | 12-04-2025 |
| Communication test set | R&S | CMW500 | 102898 | 01-04-2025 | 01-03-2026 |
| Temperature/Humidity Indicator | biaozhi | GM1360 | EE1186631 | 03-31-2025 | 03-30-2026 |
| RSE Automatic test software | JS Tonscend | JS36-RSE | V4.0.0.0 | --- | --- |
| Cable line | Times | SFT205-NMSM-2.50M | 394812-0001 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | SFT205-NMSM-2.50M | 394812-0002 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | SFT205-NMSM-2.50M | 394812-0003 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | SFT205-NMSM-2.50M | 393495-0001 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | EMC104-NMNM-1000 | SN160710 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | SFT205-NMSM-3.00M | 394813-0001 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | SFT205-NMNM-1.50M | 381964-0001 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | SFT205-NMSM-7.00M | 394815-0001 | 01-09-2024 | 01-08-2027 |
| Cable line | Times | HF160-KMNM-3.00M | 393493-0001 | 01-09-2024 | 01-08-2027 |

5 Test results and Measurement Data

5.1 Antenna Requirement

| | |
|---|--------------------------------|
| Standard requirement: | 47 CFR Part 15C Section 15.203 |
| 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. | |
| EUT Antenna: | Please see Internal photos |
| The antenna is Internal antenna. The best case gain of the antenna is 0dBi. | |

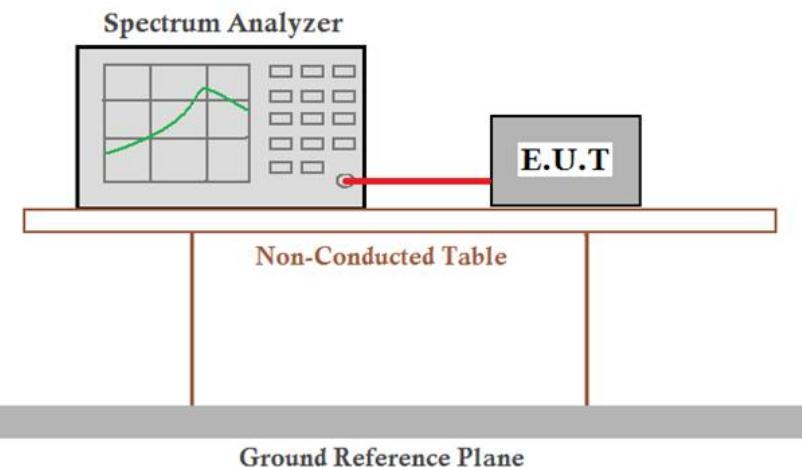
5.2 Spurious Emissions

5.2.1 Duty Cycle

Test Requirement: 47 CFR Part 15C Section 15.35 (c)

Test Method: ANSI C63.10:2013

Test Setup:



Limit: N/A

Test Mode: Transmitting mode

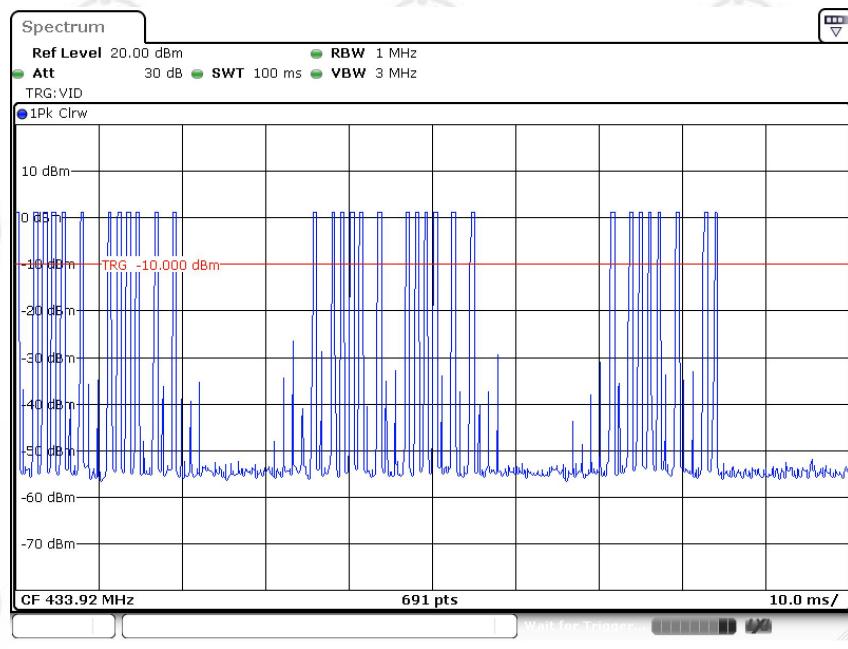
Test Results: Pass

| Duty cycle numbers | T period (ms) | T on time (ms) | Duty cycle |
|--------------------|---------------|----------------|------------|
| 32 | 100 | 21.3344 | 0.2133 |

Note: $T_{on\ time} = 0.6667 \times 32 = 21.3344\text{ms}$,
 $\text{Duty cycle} = T_{on\ time} / T_{period}$

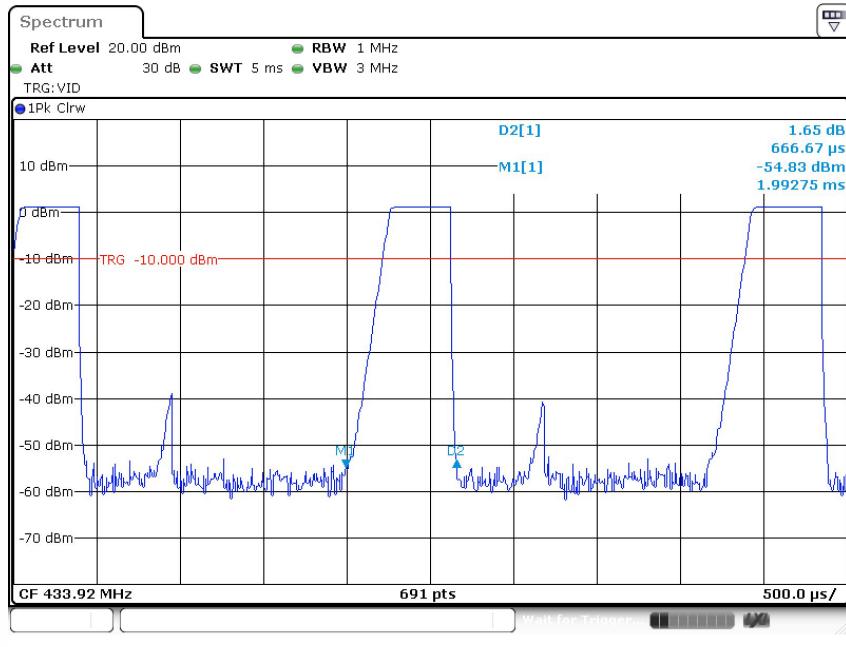
Test plot as follows:

Duty cycle numbers



Date: 10.JUL.2025 09:26:12

Time slot:



Date: 10.JUL.2025 09:27:03

5.2.2 Spurious Emissions

Test Requirement: 47 CFR Part 15C Section 15.231(b) and 15.209

Test Method: ANSI C63.10: 2013

Test Site: Measurement Distance: 3m (Semi-Anechoic Chamber)

Receiver Setup:

| Frequency | Detector | RBW | VBW | Remark |
|-------------------|------------|--------|--------|------------|
| 0.009MHz-0.090MHz | Peak | 10kHz | 30kHz | Peak |
| 0.009MHz-0.090MHz | Average | 10kHz | 30kHz | Average |
| 0.090MHz-0.110MHz | Quasi-peak | 10kHz | 30kHz | Quasi-peak |
| 0.110MHz-0.490MHz | Peak | 10kHz | 30kHz | Peak |
| 0.110MHz-0.490MHz | Average | 10kHz | 30kHz | Average |
| 0.490MHz -30MHz | Quasi-peak | 10kHz | 30kHz | Quasi-peak |
| 30MHz-1GHz | Quasi-peak | 120kHz | 300kHz | Quasi-peak |
| Above 1GHz | Peak | 1MHz | 3MHz | Peak |
| | Peak | 1MHz | 10Hz | Average |

Test Setup:

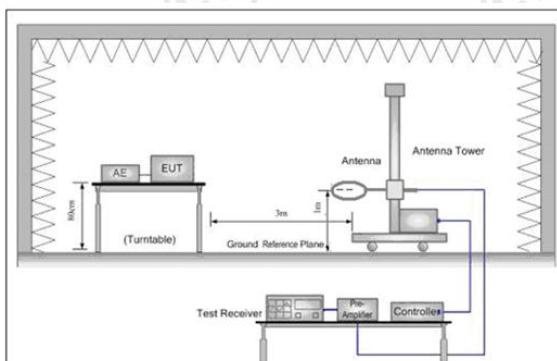


Figure 1. Below 30MHz

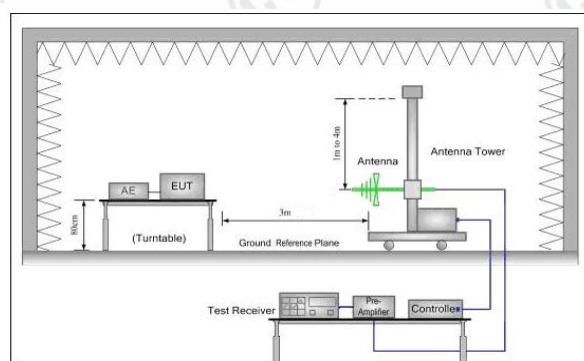


Figure 2. 30MHz to 1GHz

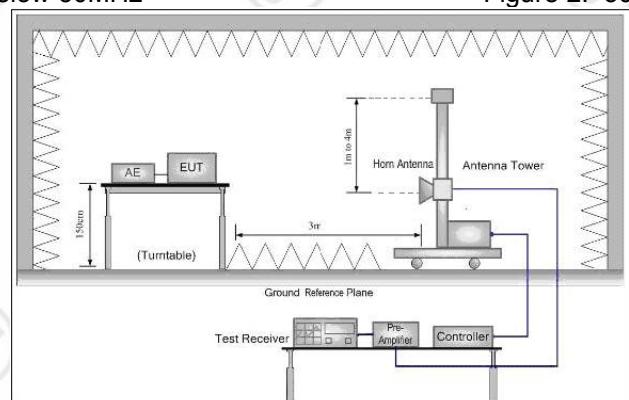


Figure 3. Above 1GHz

Test Procedure:

Below 1GHz test procedure as below:

- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- 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.
- 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.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- 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.

Above 1GHz test procedure as below:

- Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre(Above 18GHz the distance is 1 meter and table is 1.5 metre).
- Test the EUT in the 433MHz channel.
- The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.
- Repeat above procedures until all frequencies measured was complete.

| Frequency | Field strength (microvolt/meter) | Limit (dB μ V/m) | Remark | Measurement distance (m) |
|-------------------|----------------------------------|----------------------|------------|--------------------------|
| 0.009MHz-0.490MHz | 2400/F(kHz) | - | - | 300 |
| 0.490MHz-1.705MHz | 24000/F(kHz) | - | - | 30 |
| 1.705MHz-30MHz | 30 | - | - | 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 |

Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

| Frequency | Limit (dB μ V/m @3m) | Remark |
|-----------|--------------------------|---------------|
| 433.92MHz | 80.8 | Average Value |
| | 100.8 | Peak Value |

**Limit:
(Spurious Emissions)**

**Limit:
(Field strength of the fundamental signal)**

Test Mode: Transmitting mode

Test Results: Pass

Test data**Field Strength of the Fundamental Signal****Average value:**

| | |
|--------------------|----------------------------------|
| Calculate Formula: | Average value=Peak value + PDCF |
| | PDCF=20 log(Duty cycle) |
| | Duty cycle= T on time / T period |
| Test data: | T on time =21.3344ms |
| | T period =100ms |
| | PDCF= -13.42 |

Antenna polarization: Horizontal

| Frequency (MHz) | Read Level (dBuV) | Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization |
|-----------------|-------------------|-------------|----------------|---------------------|-----------------|--------------|
| 433.92 | 53.17 | 19.77 | 72.94 | 108.8 | -33.86 | Peak |
| 433.92 | - | - | 59.52 | 80.8 | -21.28 | Average |

Antenna polarization: Vertical

| Frequency (MHz) | Read Level (dBuV) | Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Polarization |
|-----------------|-------------------|-------------|----------------|---------------------|-----------------|--------------|
| 433.92 | 44.88 | 19.77 | 64.65 | 108.8 | -44.15 | Peak |
| 433.92 | - | - | 51.23 | 80.8 | -29.57 | Average |

Remark:

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 + Antenna Factor + Cable Factor – Preamplifier Factor

Spurious Emissions

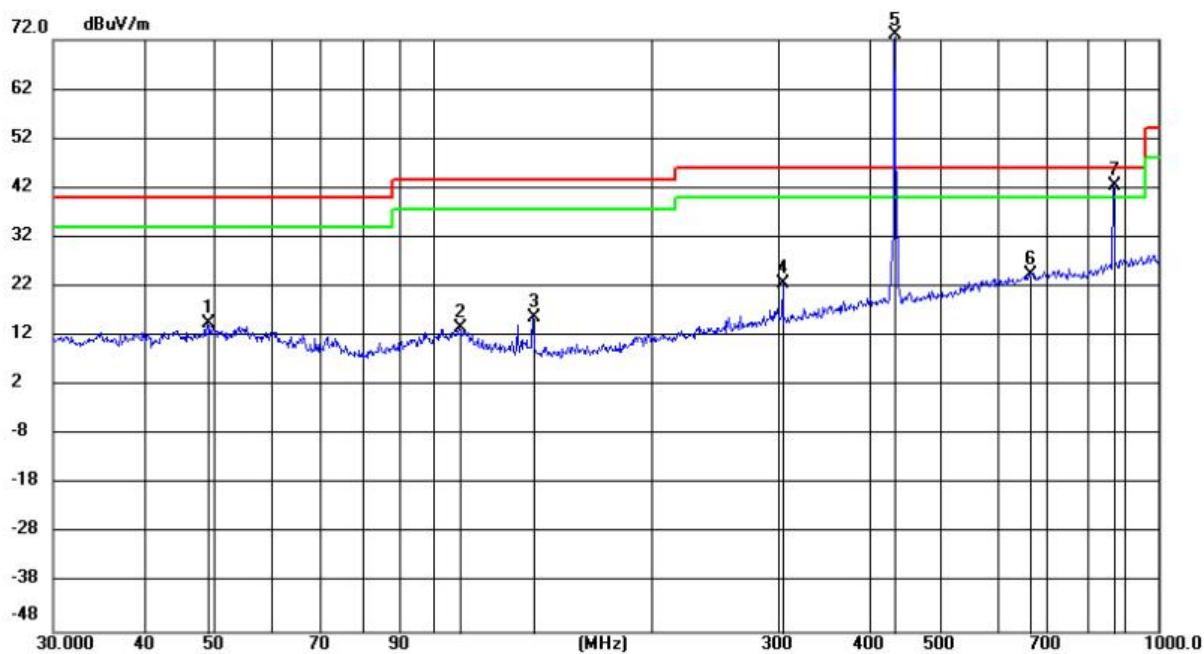
9KHz-30MHz

9 kHz~30 MHz Field Strength of Unwanted Emissions. Quasi-Peak Measurement

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

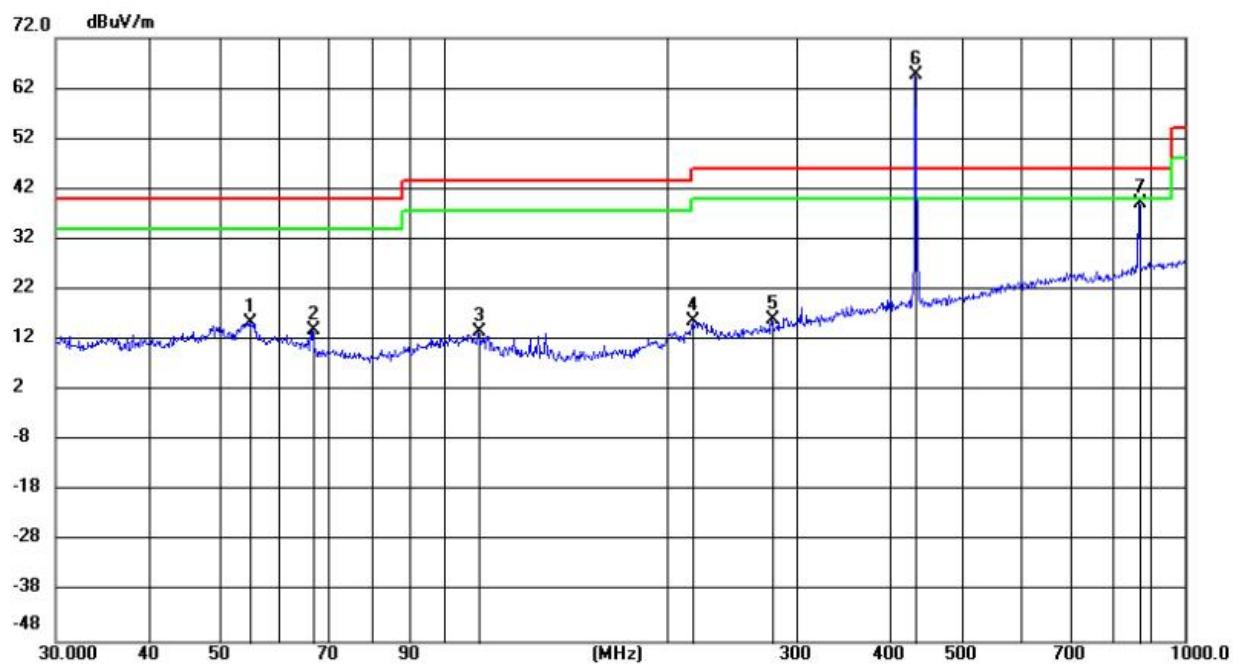
30MHz-1GHz

Horizontal:



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|------------------|--------|--------|----------------|--------------|---------|
| | | MHz | dBuV | dB/m | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | | 48.9113 | -0.08 | 14.49 | 14.41 | 40.00 | -25.59 | QP | 100 | 43 |
| 2 | | 108.6660 | -0.48 | 14.02 | 13.54 | 43.50 | -29.96 | QP | 199 | 259 |
| 3 | | 137.4684 | 5.27 | 10.47 | 15.74 | 43.50 | -27.76 | QP | 100 | 136 |
| 4 | | 304.2363 | 6.15 | 16.46 | 22.61 | 46.00 | -23.39 | QP | 100 | 320 |
| 5 | * | 433.9129 | 53.17 | 19.77 | 72.94 | 46.00 | 26.94 | QP | 100 | 287 |
| 6 | | 664.2876 | 0.72 | 23.64 | 24.36 | 46.00 | -21.64 | QP | 199 | 234 |
| 7 | ! | 867.9120 | 16.32 | 26.20 | 42.52 | 46.00 | -3.48 | QP | 100 | 253 |

Vertical:



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | Antenna Height | Table Degree | Comment |
|-----|-----|----------|---------------|----------------|------------------|--------|--------|-------------------|-----------------|---------|
| | | MHz | dBuV | dB/m | dBuV/m | dBuV/m | dB | Detector | cm | degree |
| 1 | | 54.8444 | 1.29 | 14.10 | 15.39 | 40.00 | -24.61 | QP | 200 | 287 |
| 2 | | 66.6273 | 1.99 | 11.86 | 13.85 | 40.00 | -26.15 | QP | 100 | 277 |
| 3 | | 111.6204 | -0.09 | 13.70 | 13.61 | 43.50 | -29.89 | QP | 200 | 245 |
| 4 | | 216.7828 | 2.60 | 13.11 | 15.71 | 46.00 | -30.29 | QP | 100 | 260 |
| 5 | | 278.0181 | 0.47 | 15.45 | 15.92 | 46.00 | -30.08 | QP | 100 | 82 |
| 6 | * | 433.9129 | 44.88 | 19.77 | 64.65 | 46.00 | 18.65 | QP | 100 | 175 |
| 7 | | 867.9120 | 13.00 | 26.20 | 39.20 | 46.00 | -6.80 | QP | 200 | 287 |

Above 1GHz

Horizontal value:

| No. | Frequency (MHz) | Reading (dBuv) | Factor (dB/m) | Level (dBuv/m) | Limit (dBuv/m) | Margin(dB) | Detector | P/F |
|-----|-----------------|----------------|---------------|----------------|----------------|------------|----------|-----|
| 1 | 1302.0302 | 68.06 | -22.07 | 45.99 | 74.00 | 28.01 | peak | P |
| 2 | 1735.5736 | 67.65 | -20.49 | 47.16 | 74.00 | 26.84 | peak | P |
| 3 | 2169.617 | 67.05 | -18.74 | 48.31 | 74.00 | 25.69 | peak | P |
| 4 | 3037.2037 | 66.31 | -15.32 | 50.99 | 74.00 | 23.01 | peak | P |
| 5 | 3905.2905 | 60.71 | -12.19 | 48.52 | 74.00 | 25.48 | peak | P |
| 6 | 5076.4076 | 49.76 | -8.00 | 41.76 | 74.00 | 32.24 | peak | P |

Vertical value:

| No. | Frequency (MHz) | Reading (dBuv) | Factor (dB/m) | Level (dBuv/m) | Limit (dBuv/m) | Margin(dB) | Detector | P/F |
|-----|-----------------|----------------|---------------|----------------|----------------|------------|----------|-----|
| 1 | 1301.5302 | 63.15 | -22.08 | 41.07 | 74.00 | 32.93 | peak | P |
| 2 | 1735.5736 | 66.53 | -20.49 | 46.04 | 74.00 | 27.96 | peak | P |
| 3 | 2169.617 | 69.27 | -18.74 | 50.53 | 74.00 | 23.47 | peak | P |
| 4 | 3037.2037 | 66.16 | -15.32 | 50.84 | 74.00 | 23.16 | peak | P |
| 5 | 3471.2471 | 63.77 | -14.25 | 49.52 | 74.00 | 24.48 | peak | P |
| 6 | 4772.8773 | 52.04 | -8.86 | 43.18 | 74.00 | 30.82 | peak | P |

Remark:

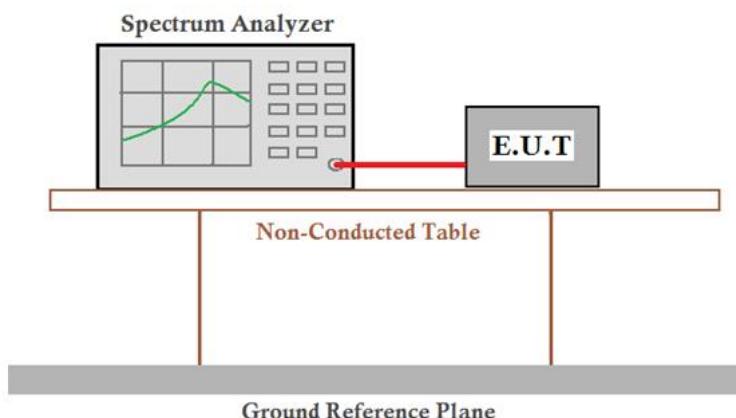
- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
 Final Test Level = Receiver Reading - Correct Factor
 Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor
- 2) Scan from 9kHz to 6GHz, the disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

5.3 20dB Bandwidth

Test Requirement: IEC 15.231 (c)

Test Method:

Test Setup:



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.

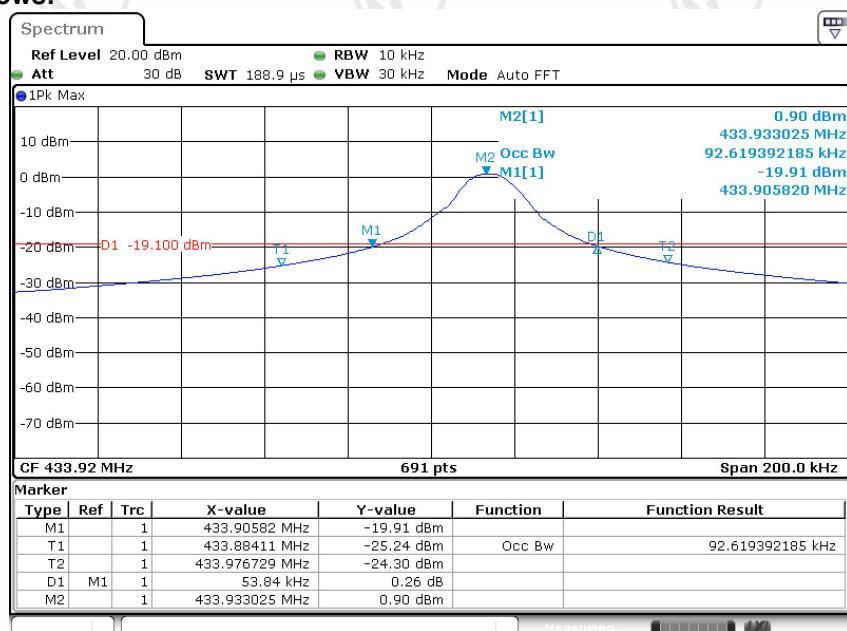
Test Mode: Transmitting mode

Test Results: Pass

Test data

| 20dB bandwidth (MHz) | Limit (MHz) | Results |
|----------------------|-------------|---------|
| 0.0926 | 1.0848 | PASS |

Test plot as follows:



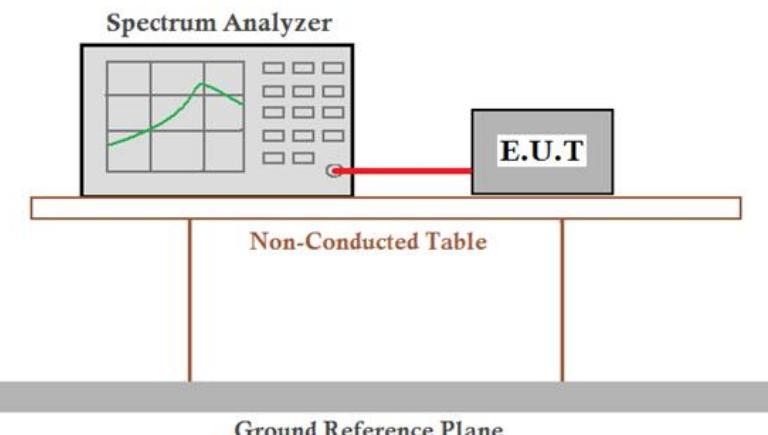
Date: 10.JUL.2025 09:34:05

5.4 Dwell Time

Test Requirement: 47 CFR Part 15C Section 15.231 (a)

Test Method: ANSI C63.10:2013

Test Setup:



Limit: Not more than 5 seconds

Test Mode: Transmitting mode

Test Results: Pass

Requirements:

1. Regulation 15.231 (a) The provisions of this Section are restricted to periodic operation within the band 40.66~40.70 MHz and above 70 MHz. Except as shown in paragraph (e) of this Section, the intentional radiator is restricted to the transmission of a control signal such as those used with alarm systems, door openers, remote switches, etc. Radio control of toys is not permitted. Continuous transmissions, such as voice or video, and data transmissions are not permitted. The prohibition against data transmissions does not preclude the use of recognition codes. Those codes are used to identify the sensor that is activated or to identify the particular component as being part of the system.

Result:

The EUT is a remote switch without audio or video transmitted.

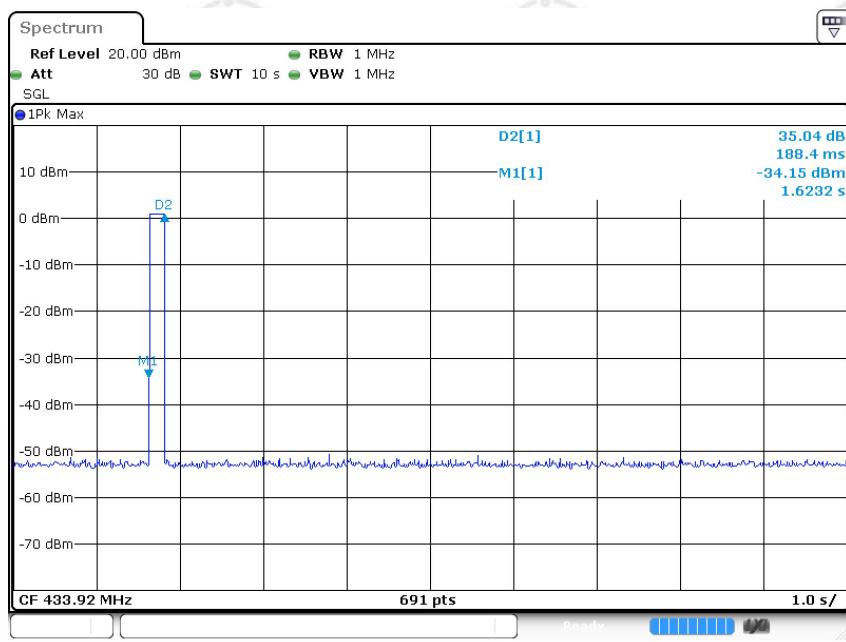
The EUT meets the requirements of this section.

2. Regulation 15.231 (a1) A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

Result:

| Test item | Limit (MHz) | Results |
|-------------------|-------------|---------|
| Transmitting time | ≤5S | 1.6232S |

Test plot as follows:



3. Regulation 15.231 (a2) A transmitter activated automatically shall cease transmission within 5 seconds after activation.

Result:

The EUT does not have automatic transmission.

4. Regulation 15.231 (a3) Periodic transmissions at regular predetermined intervals are not permitted. However, polling or supervision transmissions to determine system integrity of transmitters used in security or safety applications are allowed if the periodic rate of transmission does not exceed one transmission of not more than one second duration per hour for each transmitter.

Result:

The EUT does not employ periodic transmission.

5. Regulation 15.231 (a4) Intentional radiators which are employed for radio control purposes during emergencies involving fire, security, and safety of life, when activated to signal an alarm, may operate during the pendency of the alarm condition.

Result:

This section is not applicable to the EUT.

Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;

*** End of Report ***