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2 Version

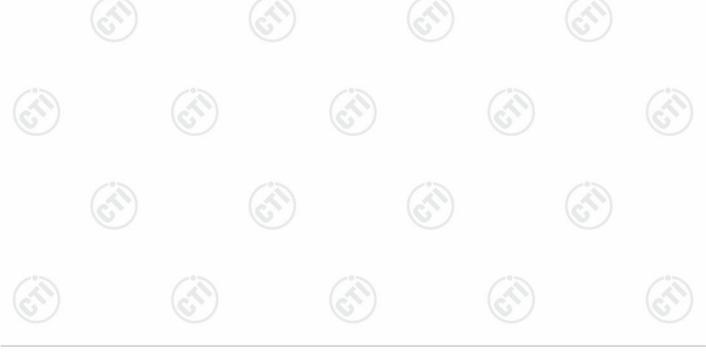
| | Version No. | Date | Description | |
|---|-------------|---------------|-------------|-----|
| 2 | 00 | Feb. 20, 2025 | Original | (3) |
| 5 | | | | |







| Test Item | Test Requirement | Result |
|--|--|--------|
| Antenna Requirement | 47 CFR Part 15, Subpart C Section 15.203/15.247 (c) | PASS |
| AC Power Line Conducted Emission | 47 CFR Part 15, Subpart C Section 15.207 | PASS |
| Maximum Conducted Output Power | 47 CFR Part 15, Subpart C Section 15.247 (b)(1) | PASS |
| 20dB Emission Bandwidth | 47 CFR Part 15, Subpart C Section 15.247 (a)(1) | PASS |
| Carrier Frequency Separation | 47 CFR Part 15, Subpart C Section 15.247 (a)(1) | PASS |
| Number of Hopping Channels | 47 CFR Part 15, Subpart C Section 15.247 (a)(1) | PASS |
| Time of Occupancy | 47 CFR Part 15, Subpart C Section 15.247 (a)(1) | PASS |
| Pseudorandom Frequency Hopping Sequence | 47 CFR Part 15, Subpart C Section 15.247(b)(4) | PASS |
| Band Edge Measurements | 47 CFR Part 15, Subpart C Section 15.247(d) | PASS |
| Conducted Spurious Emissions | 47 CFR Part 15, Subpart C Section 15.247(d) | PASS |
| Radiated Spurious emissions | 47 CFR Part 15, Subpart C Section 15.205/15.209 | PASS |
| Restricted bands around fundamental frequency | 47 CFR Part 15, Subpart C Section 15.205/15.209 | PASS |







4 General Information

4.1 Client Information

| Applicant: | Angry Miao Technology Co., Limited |
|--------------------------|---|
| Address of Applicant: | 2/F, No.5 of Nanteng Street, Qi'ao Industrial Zone, Tangjiawan Town Xiangzhou District, Zhuhai China |
| Manufacturer: | Angry Miao Technology Co., Limited |
| Address of Manufacturer: | 2/F, No.5 of Nanteng Street, Qi'ao Industrial Zone, Tangjiawan Town Xiangzhou District, Zhuhai China |
| Factory: | Angry Miao Technology Co., Limited |
| Address of Factory: | 2/F, No.5 of Nanteng Street, Qi'ao Industrial Zone, Tangjiawan Town Xiangzhou District, Zhuhai China |

4.2 General Description of EUT

| Product Name: | AM INFINITY | Y Receiver | | | | |
|-----------------------|--------------|---|----------------|--|--|--|
| Model No.: | AM30D | \odot \odot | (C) | | | |
| Trade Mark: | Angry Miao | | | | | |
| Product Type: | Mobile | ➢ Portable ☐ Fixed Location | | | | |
| Operation Frequency: | 2404MHz~24 | 478MHz | D | | | |
| Modulation Technique: | Frequency H | Frequency Hopping Spread Spectrum(FHSS) | | | | |
| Modulation Type: | GFSK | | | | | |
| Number of Channel: | 38 | | | | | |
| Hopping Channel Type: | Adaptive Fre | equency Hopping systems | | | | |
| Antenna Type: | PCB Antenn | a | 67 | | | |
| Antenna Gain: | 1.16 dBi | \bigcirc | \sim | | | |
| Davian Comala | USB port: | DC 5V | | | | |
| Power Supply: | Battery: | DC 3.85V | 3 | | | |
| Test Voltage: | DC 3.85V | (c ^r) (c | (\mathbf{x}) | | | |
| Sample Received Date: | Jan. 07, 202 | 5 | | | | |
| Sample tested Date: | Jan. 07, 202 | 5 to Jan. 22, 2025 | | | | |





| Operation F | requency each | of channel | | |
|-------------|--------------------|------------|--------------------|--|
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | |
| 1 | 2404 | 21 | 2444 | |
| 2 | 2406 | 22 | 2446 | |
| 3 | 2408 | 23 | 2448 | |
| 4 | 2410 | 24 | 2450 | |
| 5 | 2412 | 25 | 2452 | |
| 6 | 2414 | 26 | 2454 | |
| 7 | 2416 | 27 | 2456 | |
| 8 | 2418 | 28 | 2458 | |
| 9 | 2420 | 29 | 2460 | |
| 10 | 2422 | 30 | 2462 | |
| 11 | 2424 | 31 | 2464 | |
| 12 | 2426 | 32 | 2466 | |
| 13 | 2428 | 33 | 2468 | |
| 14 | 2430 | 34 | 2470 | |
| 15 | 2432 | 35 | 2472 | |
| 16 | 2434 | 36 | 2474 | |
| 17 | 2436 | 37 | 2476 | |
| 18 | 2438 | 38 | 2478 | |
| 19 | 2440 | | | |
| 20 | 2442 | 100 | | |

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Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

| | (cN) |
|---------------------|----------------|
| Channel | Frequency(MHz) |
| The Lowest channel | 2404 |
| The Middle channel | 2446 |
| The Highest channel | 2478 |





4.3 Test Configuration

| EUT T | est Softwar | e Settings: | | | | | | |
|------------------|--------------------------------|-----------------------|---|-----------------|--------------|---------------|---------------|----|
| Softwa | ire: | | royuan_too | | | | | |
| •) | ower Grade | | selected) | | | | cannot be cha | |
| Use te transm | st software t itting of the | o set the lov EUT. | vest frequency | y, the middle f | requency and | I the highest | frequency kee | ep |
| | Mode | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | Channel | 25 | F | requency(MH | z) |
| | (\mathcal{S}) | | (3) | CH1 | -(3)- | | 2404 | |
| | GFSK | | | CH22 | U | | 2446 | |
| | | | | CH38 | | | 2478 | |
| | | | | | | | | |
| | | | | | | | | |
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4.4 **Test Environment**

| | | | | (5) | | | | |
|-----------------------|--|-----------|-----------------|------|---|--|--|--|
| Operating Environmen | Operating Environment: Radiated Spurious Emissions: | | | | | | | |
| Radiated Spurious Emi | | | | | | | | |
| Temperature: | 22~25.0 °C | | | | | | | |
| Humidity: | 50~55 % RH | | (in) | | 6 | | | |
| Atmospheric Pressure: | 1010mbar | | (\mathcal{C}) | | 6 | | | |
| Conducted Emissions: | · | | | | | | | |
| Temperature: | 22~25.0 °C | | | | | | | |
| Humidity: | 50~55 % RH | 125 | | 12 | | | | |
| Atmospheric Pressure: | 1010mbar | (A^{n}) | | | | | | |
| RF Conducted: | | | | | | | | |
| Temperature: | 22~25.0 °C | | | | | | | |
| Humidity: | 50~55 % RH | | | | | | | |
| Atmospheric Pressure: | 1010mbar | | | | | | | |
| | 67 | | G | | 0 | | | |

4.5 **Description of Support Units**

The EUT has been tested with associated equipment below.

1) support equipment

| Description | Manufacturer | Model No. | Certification | Supplied by |
|-------------|-----------------|----------------|---------------|-------------|
| Netbook | HP | HP ZHAN 66 Pro | FCC&CE | СТІ |
| | 1 | 14 G4 Notebook | 10 | |
| | (\mathcal{A}) | PC | | (|

4.6 Test Location

All tests were performed at:

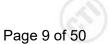
Centre Testing International Group Co., Ltd

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

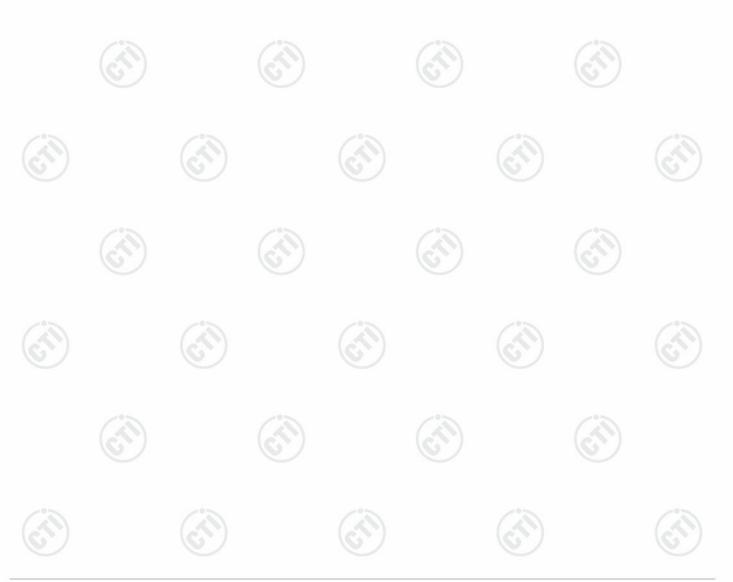






4.7 Measurement Uncertainty (95% confidence levels, k=2)

| No. | Item | Measurement Uncertainty | |
|---------------------|---------------------------------|-------------------------|--|
| 1 | Radio Frequency | 7.9 x 10 ⁻⁸ | |
| 2 | PE power conducted | 0.46dB (30MHz-1GHz) | |
| 2 | RF power, conducted | 0.55dB (1GHz-40GHz) | |
| (S) (S) | | 3.3dB (9kHz-30MHz) | |
| 3 | Padiated Spurious omission test | 4.3dB (30MHz-1GHz) | |
| 3 | Radiated Spurious emission test | 4.5dB (1GHz-18GHz) | |
| | | 3.4dB (18GHz-40GHz) | |
| | Conduction emission | 3.5dB (9kHz to 150kHz) | |
| 4 | Conduction emission | 3.1dB (150kHz to 30MHz) | |
| 5 | Temperature test | 0.64°C | |
| 6 | Humidity test | 3.8% | |
| 7 DC power voltages | | 0.026% | |





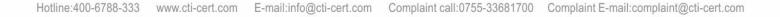




4.8 Equipment List

| 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 | 06-26-2024 | 06-25-2025 | | |
| Signal Generator | R&S | SMBV100A | 1407.6004K02- 262149-CV | 09-02-2024 | 09-01-2025 | | |
| Spectrum Analyzer | R&S | FSV40 | 101200 | 07-18-2024 | 07-17-2025 | | |
| RF control unit(power unit) | MWRF-test | MW100-RFCB | MW220620CTI-42 | 06-25-2024 | 06-24-2025 | | |
| High-low temperature test chamber | Dong Guang Qin Zhuo | LK-80GA | QZ20150611879 | 11-30-2024 | 11-29-2025 | | |
| Temperature/ Humidity Indicator | biaozhi | НМ10 | 1804186 | 05-29-2024 | 05-28-2025 | | |
| BT&WI-FI Automatic test software | MWRF-test | MTS 8310 | V2.0.0.0 | (A) | (6 | | |

| | Con | ducted disturba | nce Test | | | |
|------------------------------------|--------------|-----------------|------------------|---------------------------|-------------------------------|--|
| Equipment | Manufacturer | Model No. | Serial Number | Cal. date (mm-dd-yyyy) | Cal. Due date (mm-dd-yyyy) | |
| Receiver | R&S | ESCI | 100435 | 04-18-2024 | 04-17-2025 | |
| Temperature/ Humidity Indicator | Defu | TH128 | / | 04-25-2024 | 04-24-2025 | |
| LISN | R&S | ENV216 | 100098 | 09-19-2024 | 09-18-2025 | |
| Barometer | changchun | DYM3 | 1188 | | | |
| Test software | Fara | EZ-EMC | EMC-CON 3A1.1 | / | <u> </u> | |
| Capacitive voltage probe | Schwarzbeck | CVP 9222C | 00124 | 06-18-2024 | 06-17-2025 | |
| ISN | TESEQ | ISN T800 | 30297 | 12/05/2024 | 12/04/2025 | |









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| Equipment | Manufacturer | Model No. | Serial Number | Cal. date (mm-dd-yyyy) | Cal. Due date (mm-dd-yyyy) |
|-------------------------------------|--------------|-------------|------------------|---------------------------|-------------------------------|
| 3M Chamber & Accessory Equipment | TDK | SAC-3 | | 05/22/2022 | 05/21/2025 |
| Receiver | R&S | ESCI7 | 100938- 003 | 09/07/2024 | 09/06/2025 |
| Spectrum Analyzer | R&S | FSV40 | 101200 | 07/18/2024 | 07/17/2025 |
| TRILOG Broadband Antenna | schwarzbeck | VULB 9163 | 9163-618 | 05/22/2022 | 05/21/2025 |
| Loop Antenna | Schwarzbeck | FMZB 1519B | 1519B-076 | 04/16/2024 | 04/15/2025 |
| 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 | 04/16/2024 | 04/15/2025 |
| Preamplifier | Agilent | 11909A | 12-1 | 03/22/2024 | 03/21/2025 |
| Preamplifier | CD | PAP-1840-60 | 6041.6042 | 06/19/2024 | 06/18/2025 |
| Test software | Fara | EZ-EMC | EMEC- 3A1-Pre | | (|
| Cable line | Fulai(7M) | SF106 | 5219/6A | | |
| Cable line | Fulai(6M) | SF106 | 5220/6A | | <u></u> |
| Cable line | Fulai(3M) | SF106 | 5216/6A | | |
| Cable line | Fulai(3M) | SF106 | 5217/6A | - 0. | |















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| | | 3M full-anechoid | 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 | 01-09-2024 01-04-2025 | 01-08-2025 01-03-2026 |
| Spectrum Analyzer | Keysight | N9020B | MY57111112 | 01-29-2024 | 01-28-2025 |
| Spectrum Analyzer | Keysight | N9030B | MY57140871 | 01-23-2024 01-14-2025 | 01-22-2025 01-13-2026 |
| TRILOG Broadband Antenna | Schwarzbeck | VULB 9163 | 9163-1148 | 04-28-2024 | 04-27-2025 |
| Horn Antenna | Schwarzbeck | BBHA 9170 | 9170-832 | 04-16-2024 | 04-15-2025 |
| Horn Antenna | ETS-LINDGREN | 3117 | 57407 | 07-03-2024 | 07-02-2025 |
| Preamplifier | EMCI | EMC001330 | 980563 | 03-08-2024 | 03-07-2025 |
| Preamplifier | Tonscend | TAP-011858 | AP21B806112 | 07-18-2024 | 07-17-2025 |
| Preamplifier | Tonscend | EMC051845SE | 980380 | 12-05-2024 | 12-04-2025 |
| Temperature/ Humidity Indicator | biaozhi | GM1360 | EE1186631 | 04-07-2024 | 04-06-2025 |
| RSE Automatic test software | JS Tonscend | JS36-RSE | V4.0.0.0 | <u></u> | Q |
| Cable line | Times | SFT205-NMSM-2.50M | 394812-0001 | | |
| Cable line | Times | SFT205-NMSM-2.50M | 394812-0002 | (6 | S) |
| Cable line | Times | SFT205-NMSM-2.50M | 394812-0003 | | |
| Cable line | Times | SFT205-NMSM-2.50M | 393495-0001 | | |
| Cable line | Times | EMC104-NMNM-1000 | SN160710 | <u></u> | |
| Cable line | Times | SFT205-NMSM-3.00M | 394813-0001 | | |
| Cable line | Times | SFT205-NMNM-1.50M | 381964-0001 | - 6 | - 6 |
| Cable line | Times | SFT205-NMSM-7.00M | 394815-0001 | (6 | 9 |
| Cable line | Times | HF160-KMKM-3.00M | 393493-0001 | | |



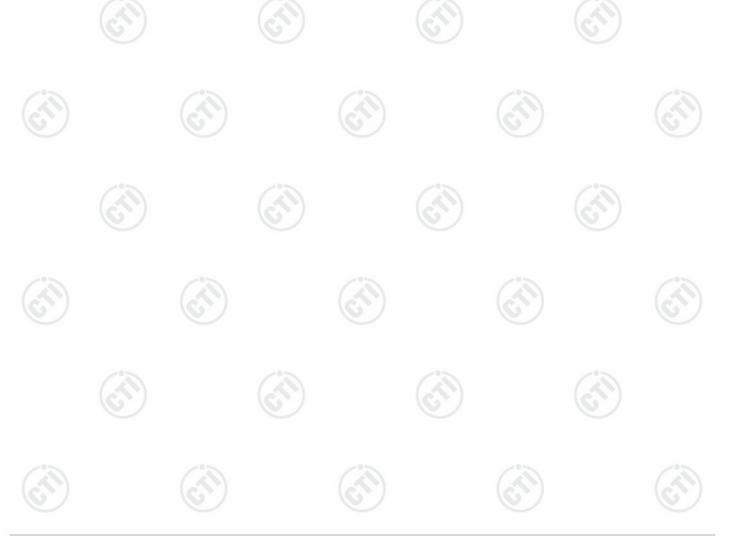


5 Test results and Measurement Data

5.1 Antenna Requirement

| Standard requirement: | 47 CFR Part 15C Section 15.203 /247(c) |
|--|--|
| 15.203 requirement: | |
| responsible party shall be u antenna that uses a unique | be designed to ensure that no antenna other than that furnished by the used with the device. The use of a permanently attached antenna or of an coupling to the intentional radiator, the manufacturer may design the unit an be replaced by the user, but the use of a standard antenna jack or bited. |
| antennas with directional ga section, if transmitting anter power from the intentional r | er limit specified in paragraph (b) of this section is based on the use of ains that do not exceed 6 dBi. Except as shown in paragraph (c) of this mas of directional gain greater than 6 dBi are used, the conducted output radiator shall be reduced below the stated values in paragraphs (b)(1), etion, as appropriate, by the amount in dB that the directional gain of the |
| EUT Antenna: | Please see Internal photos |

The antenna is PCB antenna. The best case gain of the antenna is 1.16dBi.









5.2 AC Power Line Conducted Emissions

| 5.2 | AC Power Line Cor | nducted Emissions | | | |
|-----|-----------------------|--|---|--|--|
| | Test Requirement: | 47 CFR Part 15C Section 15.2 | 07 | (\mathcal{C}) | |
| | Test Method: | ANSI C63.10: 2013 | | \sim | |
| | Test Frequency Range: | 150kHz to 30MHz | | | |
| 265 | Receiver setup: | RBW=9 kHz, VBW=30 kHz, Sv | veep time=auto | | 100 |
| 4 | Limit: | | Limit (| dBuV) | 60 |
| 2 | | Frequency range (MHz) | Quasi-peak | Average | V |
| | | 0.15-0.5 | 66 to 56* | 56 to 46* | |
| | | 0.5-5 | 56 | 46 | |
| | | 5-30 | 60 | 50 | |
| | | * Decreases with the logarithm | | | |
| | Test Setup: | Shielding Room | AE ways | Test Receiver | |
| | Test Procedure: | The mains terminal disturb room. The EUT was connected to Impedance Stabilization Ne impedance. The power cab connected to a second LISI reference plane in the same | AC power source threat etwork) which provides les of all other units o N 2, which was bonde | ough a LISN 1 (I s a 50Ω/50μH + f the EUT were ed to the ground | Line |
| | | measured. A multiple socked power cables to a single LIS exceeded. 3) The tabletop EUT was placed ground reference plane. An placed on the horizontal grouter of the EUT shall be 0.4 m free vertical ground reference plane. The LISN unit under test and bonded mounted on top of the grout between the closest points the EUT and associated equipment of the social so | et outlet strip was user SN provided the rating ed upon a non-metalling ound reference plane, h a vertical ground reference rom the vertical ground ane was bonded to the 1 was placed 0.8 m fr to a ground reference nd reference plane. T of the LISN 1 and the | d to connect mul g of the LISN wa ic table 0.8m abor rangement, the ference plane. T d reference plane. T d reference plane horizontal gro om the boundar e plane for LISNs his distance was EUT. All other u | s not bye the EUT was he rear he. The und y of the s s units of |

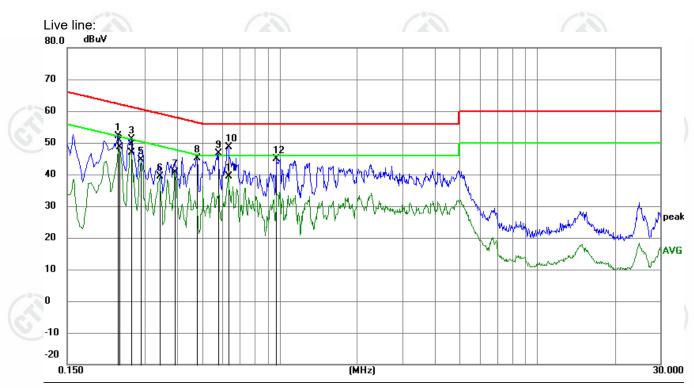






| | | equipment and all of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement. |
|---|------------------------|---|
| | Exploratory Test Mode: | Non-hopping transmitting mode with all kind of modulation and all kind of data type at the lowest, middle, high channel. |
| 0 | Final Test Mode: | Through Pre-scan, find the GFSK modulation at the lowest channel is the worst case. Only the worst case is recorded in the report. |
| 6 | Test Results: | Pass |

Measurement Data



| No. Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | | |
|---------|--------|------------------|-------------------|------------------|-------|--------|----------|---------|--|
| | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment | |
| 1 | 0.2355 | 41.87 | 10.18 | 52.05 | 62.25 | -10.20 | QP | | |
| 2 * | 0.2400 | 38.40 | 10.18 | 48.58 | 52.10 | -3.52 | AVG | | |
| 3 | 0.2670 | 40.93 | 10.16 | 51.09 | 61.21 | -10.12 | QP | | |
| 4 | 0.2670 | 36.78 | 10.16 | 46.94 | 51.21 | -4.27 | AVG | | |
| 5 | 0.2895 | 34.43 | 10.14 | 44.57 | 50.54 | -5.97 | AVG | | |
| 6 | 0.3435 | 29.35 | 10.11 | 39.46 | 49.12 | -9.66 | AVG | | |
| 7 | 0.3930 | 30.57 | 10.09 | 40.66 | 48.00 | -7.34 | AVG | | |
| 8 | 0.4785 | 35.03 | 10.08 | 45.11 | 56.37 | -11.26 | QP | | |
| 9 | 0.5775 | 36.63 | 10.10 | 46.73 | 56.00 | -9.27 | QP | | |
| 10 | 0.6315 | 38.63 | 10.11 | 48.74 | 56.00 | -7.26 | QP | | |
| 11 | 0.6360 | 29.18 | 10.11 | 39.29 | 46.00 | -6.71 | AVG | | |
| 12 | 0.9735 | 34.79 | 10.18 | 44.97 | 56.00 | -11.03 | QP | | |

Remark:







- 1. The following Quasi-Peak and Average measurements were performed on the EUT:
- 2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.
- 3. If the Peak value under Average limit, the Average value is not recorded in the report.

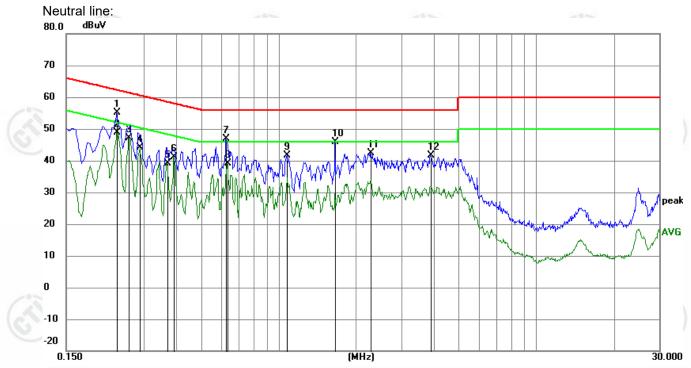








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| No. Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | |
|---------|--------|------------------|-------------------|------------------|-------|--------|----------|---------|
| | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 | 0.2355 | 44.94 | 10.18 | 55.12 | 62.25 | -7.13 | QP | |
| 2 * | 0.2355 | 38.70 | 10.18 | 48.88 | 52.25 | -3.37 | AVG | |
| 3 | 0.2625 | 36.95 | 10.16 | 47.11 | 51.35 | -4.24 | AVG | |
| 4 | 0.2895 | 34.08 | 10.14 | 44.22 | 50.54 | -6.32 | AVG | |
| 5 | 0.3704 | 28.99 | 10.10 | 39.09 | 48.49 | -9.40 | AVG | |
| 6 | 0.3930 | 30.97 | 10.09 | 41.06 | 48.00 | -6.94 | AVG | |
| 7 | 0.6270 | 36.82 | 10.11 | 46.93 | 56.00 | -9.07 | QP | |
| 8 | 0.6315 | 29.04 | 10.11 | 39.15 | 46.00 | -6.85 | AVG | |
| 9 | 1.0815 | 31.36 | 10.18 | 41.54 | 56.00 | -14.46 | QP | |
| 10 | 1.6575 | 35.70 | 10.17 | 45.87 | 56.00 | -10.13 | QP | |
| 11 | 2.2785 | 32.25 | 10.16 | 42.41 | 56.00 | -13.59 | QP | |
| 12 | 3.8895 | 31.44 | 10.10 | 41.54 | 56.00 | -14.46 | QP | |

Remark:

- 1. The following Quasi-Peak and Average measurements were performed on the EUT:
- 2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.
- 3. If the Peak value under Average limit, the Average value is not recorded in the report.







5.3 Maximum Conducted Output Power

| | Test Requirement: | 47 CFR Part 15C Section 15.247 (b)(1) |
|-----|------------------------|--|
| | Test Method: | ANSI C63.10:2013 |
| 122 | Test Setup: | Control Control Power Supply Table RF test System Instrument |
| | Test Procedure: | Remark: Offset=Cable loss+ attenuation factor. Use the following spectrum analyzer settings: Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel RBW > the 20 dB bandwidth of the emission being measured VBW ≥ RBW Sweep = auto Detector function = peak Trace = max hold Allow the trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. |
| | Limit: | 21dBm |
| 3 | Exploratory Test Mode: | Non-hopping transmitting with all kind of modulation and all kind of data type |
| 2 | Final Test Mode: | Through Pre-scan, find the DH5 of data type is the worst case of GFSK modulation type, 2-DH5 of data type is the worst case of π /4DQPSK modulation type, 3-DH5 of data type is the worst case of 8DPSK modulation type. |
| | Test Results: | Refer to Appendix A |
| | (S) | |









5.4 20dB Emission Bandwidth

| Test Requirement: | 47 CFR Part 15C Section 15.247 (a)(1) | | | | |
|-----------------------|--|--|--|--|--|
| Test Method: | ANSI C63.10:2013 | | | | |
| Test Setup: | Control Control Control Power Suppy TemPerature cabnet Table | | | | |
| Test Procedure: | Remark: Offset=Cable loss+ attenuation factor. 1. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for ea measurement. 2. Set to the maximum power setting and enable the EUT transmit continuously. 3. Use the following spectrum analyzer settings for 20dB Bandwidth measurement. Span = approximately 2 to 5 times the 20 dB bandwidth, centered on a hopping channel; 1%≤RBW ≤5% of the 20 dB bandwidth; VBW≥3RBW; Sweep = auto; Detector function = peak; Trace = max hold. 4. Measure and record the results in the test report. | | | | |
| Limit: | NA | | | | |
| Exploratory Test Mode | Non-hopping transmitting with all kind of modulation and all kind of data type | | | | |
| Final Test Mode: | GFSK | | | | |
| Test Results: | Refer to Appendix A | | | | |



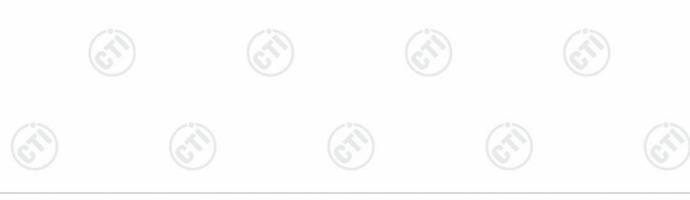






5.5 Carrier Frequency Separation

| | Test Requirement: | 47 CFR Part 15C Section 15.247 (a)(1) |
|-------|------------------------|--|
| | Test Method: | ANSI C63.10:2013 |
| (Cv.) | Test Setup: | Control Control Power Supply Table RF test System Instrument |
| | | Remark: Offset=Cable loss+ attenuation factor. |
| | Test Procedure: | The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Enable the EUT hopping function. Use the following spectrum analyzer settings: Span = wide enough to capture the peaks of two adjacent channels; RBW is set to approximately 30% of the channel spacing, adjust as necessary to best identify the center of each individual channel; VBW≥RBW; Sweep = auto; Detector function = peak; Trace = max hold. Use the marker-delta function to determine the separation between the peaks of the adjacent channels. Record the value in report. |
| | Limit: | Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater. |
| | Exploratory Test Mode: | Hopping transmitting with all kind of modulation and all kind of data type |
| | Final Test Mode: | GFSK |
| | Test Results: | Refer to Appendix A |

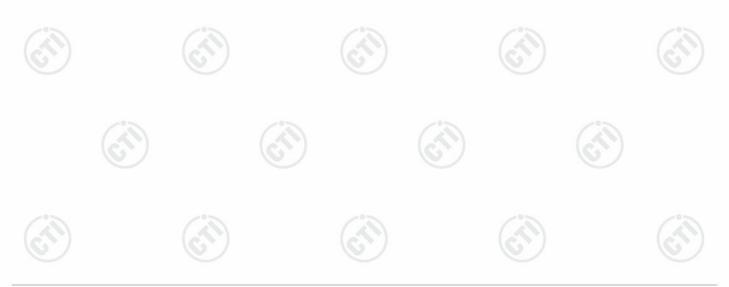






5.6 Number of Hopping Channel

| | Test Requirement: | 47 CFR Part 15C Section 15.247 (a)(1) | | | | | |
|---|-------------------|---|--|--|--|--|--|
| | Test Method: | ANSI C63.10:2013 | | | | | |
| č | Test Setup: | Control Control Computer Power Supply TemPERATURE CABNET Table RF test System Instrument | | | | | |
| _ | Test Procedure: | Remark: Offset=Cable loss+ attenuation factor. 1. The RF output of EUT was connected to the spectrum analyzer by RF | | | | | |
| 2 | | cable and attenuator. The path loss was compensated to the results for each measurement.2. Set to the maximum power setting and enable the EUT transm continuously. | | | | | |
| | | 3. Enable the EUT hopping function. 4. Use the following spectrum analyzer settings: Span = the frequency band of operation; set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller; VBW≥RBW; Sweep= auto; Detector function = peak; Trace = max hold. | | | | | |
| 3 | | 5. The number of hopping frequency used is defined as the number of total channel.6. Record the measurement data in report. | | | | | |
| | Limit: | Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels. | | | | | |
| | Test Mode: | Hopping transmitting with all kind of modulation | | | | | |
| | Test Mode. | | | | | | |



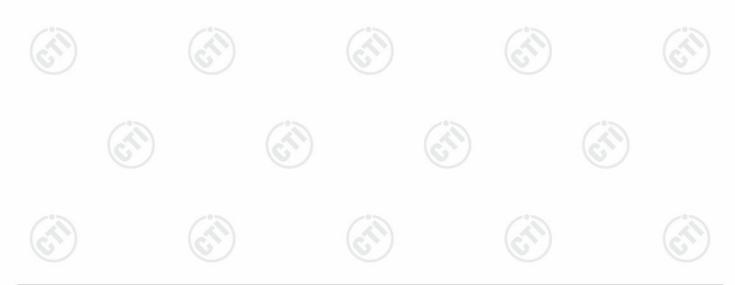






5.7 Time of Occupancy

| | Test Requirement: | 47 CFR Part 15C Section 15.247 (a)(1) |
|----------|-------------------|--|
| | Test Method: | ANSI C63.10:2013 |
| () () | Test Setup: | Control Computer Computer Power Supply TeMPERATURE CABNET Table |
| | | Remark: Offset=Cable loss+ attenuation factor. |
| | Test Procedure: | The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Enable the EUT hopping function. Use the following spectrum analyzer settings: Span = zero span, centered on a hopping channel; RBW shall be ≤ channel spacing and where possible RBW should be set >> 1 / T, where T is the expected dwell time per channel; VBW≥RBW; Sweep = as necessary to capture the entire dwell time per hopping channel; Detector function = peak; Trace = max hold. Measure and record the results in the test report. |
| ୍ | Limit: | The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. |
| | Test Mode: | Hopping transmitting with all kind of modulation and all kind of data type. |
| | Test Results: | Refer to Appendix A |
| | G | |

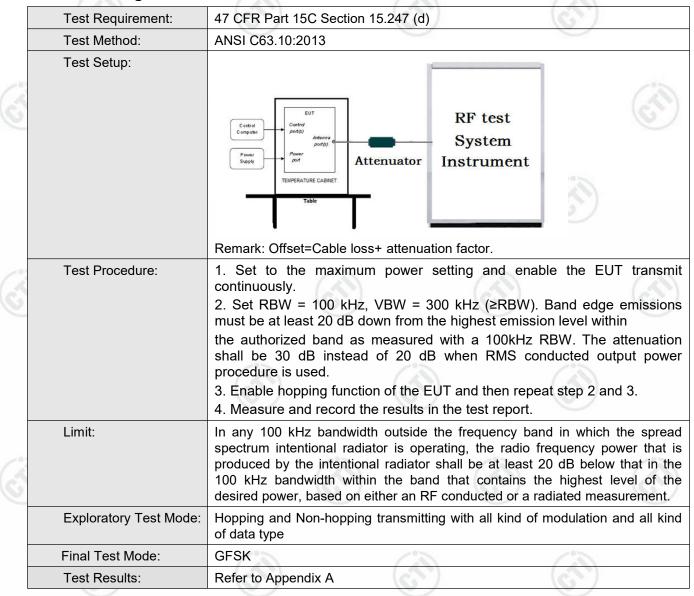








5.8 Band edge Measurements











5.9 Conducted Spurious Emissions

| | Test Requirement: | 47 CFR Part 15C Section 15.247 (d) |
|---|------------------------|--|
| | Test Method: | ANSI C63.10:2013 |
| | Test Setup: | Control Control Control Power supply TemPERATURE CABNET Table |
| | | Remark: Offset=Cable loss+ attenuation factor. |
| Š | Test Procedure: | The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Set RBW = 100 kHz, VBW = 300kHz, scan up through 10th harmonic. All harmonics / spurs must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100kHz RBW. Measure and record the results in the test report. The RF fundamental frequency should be excluded against the limit line in the operating frequency band. |
| Ś | Limit: | In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. |
| | Exploratory Test Mode: | Non-hopping transmitting with all kind of modulation and all kind of data type |
| | Final Test Mode: | GFSK |
| | Test Results: | Refer to Appendix A |







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5.10 Pseudorandom Frequency Hopping Sequence

Test Requirement:

47 CFR Part 15C Section 15.247 (a)(1), (h) requirement:

The system shall hop to channel frequencies that are selected at the system hopping rate from a Pseudorandom ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

Frequency hopping spread spectrum systems are not required to employ all available hopping channels during each transmission. However, the system, consisting of both the transmitter and the receiver, must be designed to comply with all of the regulations in this section should the transmitter be presented with a continuous data (or information) stream. In addition, a system employing short transmission bursts must comply with the definition of a frequency hopping system and must distribute its transmissions over the minimum number of hopping channels specified in this section.

The incorporation of intelligence within a frequency hopping spread spectrum system that permits the system to recognize other users within the spectrum band so that it individually and independently chooses and adapts its hopsets to avoid hopping on occupied channels is permitted. The coordination of frequency hopping systems in any other manner for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters is not permitted.

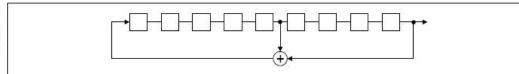
Compliance for section 15.247(a)(1)

According to Bluetooth Core Specification, the pseudorandom sequence may be generated in a ninestage shift register whose 5th and 9th stage

outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first ONE of 9 consecutive ONEs; i.e. the shift register is initialized with nine ones.

- Number of shift register stages: 9
- Length of pseudo-random sequence: 2⁹ -1 = 511 bits
- Longest sequence of zeros: 8 (non-inverted signal)

. .



Linear Feedback Shift Register for Generation of the PRBS sequence

| An example of P | seudorandom Fre | equency | Hopping Seq | uence as follow: | | | |
|-----------------|---------------------------------------|----------|----------------|---|-------|---|--|
| 20 62 46 77 | 7 | 64 | 8 73 | | 16:75 | 1 | |
| | | | | | | | |
| Each frequency | used equally on th | ne avera | age by each tr | ansmitter. | | | |
| bandwidths that | | oing cha | annel bandwid | receivers are desigr dths of any Bluetoo als. | | | |
| Compliance for | section 15.247(g | 3) | | | | | |
| • | · · · · · · · · · · · · · · · · · · · | | | tooth system transn ata and the short bu | | • | |

Bluetooth system is also transmitted under the frequency hopping system with the pseudorandom



Report No. : EED32Q82162401





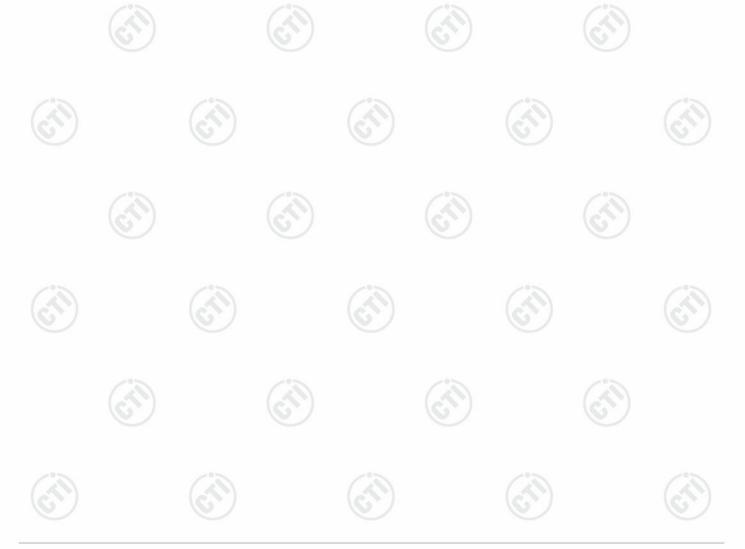
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hopping frequency system.

Compliance for section 15.247(h)

According to Bluetooth Core specification, the Bluetooth system incorporates with an adaptive system to detect other user within the spectrum band so that it individually and independently to avoid hopping on the occupied channels.

According to the Bluetooth Core specification, the Bluetooth system is designed not have the ability to coordinated with other FHSS System in an effort to avoid the simultaneous occupancy of individual hopping frequencies by multiple transmitter.









5.11 Radiated Spurious Emission & Restricted bands

| | Test Requirement: | 47 CFR Part 15C Secti | on 1 | 5.209 and 15. | .205 | G |) |
|---|-------------------|---|----------------|------------------------------|--------------------------|--------------|----------------------------|
| | Test Method: | ANSI C63.10: 2013 | | \sim | | | |
| | Test Site: | Measurement Distance | : 3m | (Semi-Anech | noic Cham | ber) | |
| ž | Receiver Setup: | Frequency | | Detector | RBW | VBW | Remark |
| 8 | | 0.009MHz-0.090MH | z | Peak | 10kHz | 2 30kHz | Peak |
| - | | 0.009MHz-0.090MH | z | Average | 10kHz | 30kHz | Average |
| | | 0.090MHz-0.110MH | z | Quasi-peak | 10kHz | 2 30kHz | Quasi-peak |
| | | 0.110MHz-0.490MH | z | Peak | 10kHz | 2 30kHz | Peak |
| | | 0.110MHz-0.490MH | z | Average | 10kHz | 30kHz | Average |
| | | 0.490MHz -30MHz | | Quasi-peak | 10kHz | z 30kHz | Quasi-peak |
| | | 30MHz-1GHz | | Peak | 100 kH | z 300kHz | Peak |
| | | Above 1011 | | Peak | 1MHz | 3MHz | Peak |
| | | Above 1GHz | | Peak | 1MHz | 10kHz | Average |
| - | Limit: | Frequency | | ld strength rovolt/meter) | Limit (dBuV/m) | Remark | Measuremen distance (m) |
| | | 0.009MHz-0.490MHz | 24 | 100/F(kHz) | - | - | 300 |
| | | 0.490MHz-1.705MHz | 24 | 000/F(kHz) | - | - (3 | 30 |
| | | 1.705MHz-30MHz | | 30 | - | 0 | 30 |
| | | 30MHz-88MHz | | 100 | 40.0 | Quasi-peak | 3 |
| | | 88MHz-216MHz | | 150 | 43.5 | Quasi-peak | 3 |
| 2 | | 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 emissions is 20df applicable to the peak emission lev | 3 abo equip | ove the maxin | num permi est. This p | tted average | emission limit |

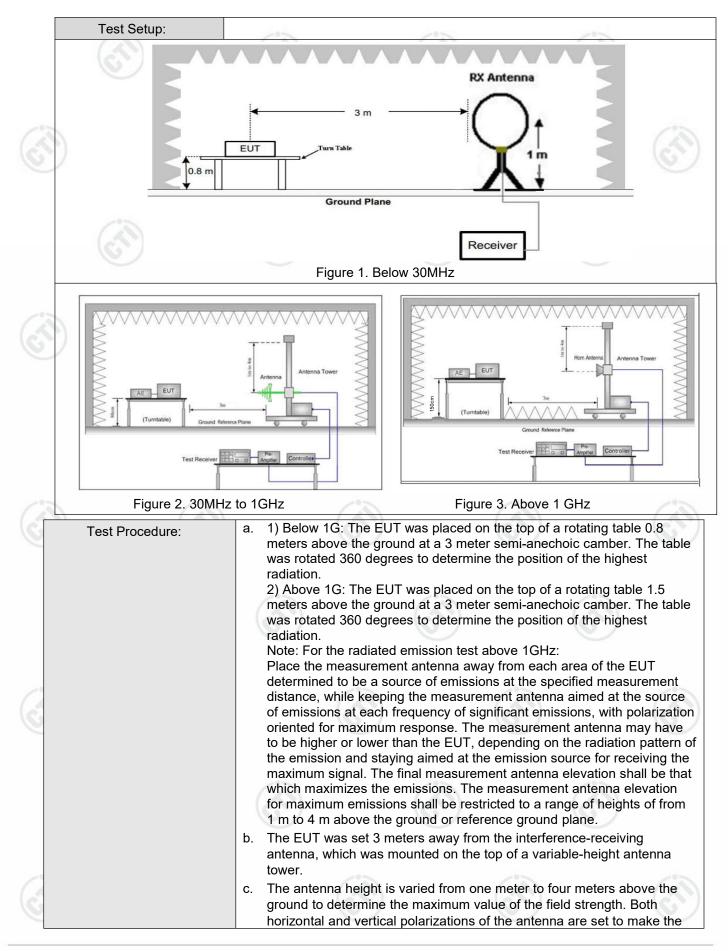








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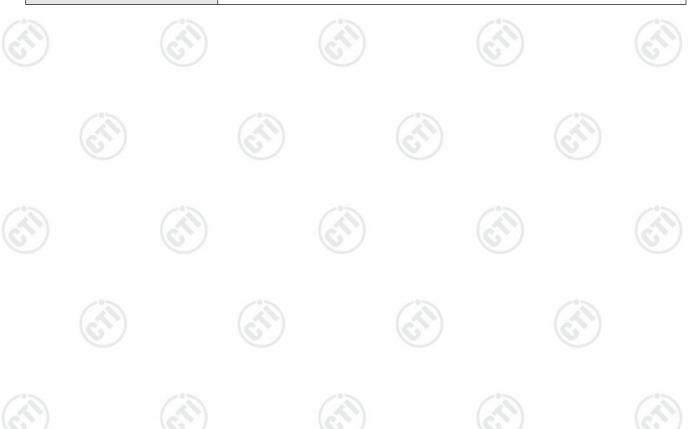




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| | measurement. |
|------------------------|--|
| | d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned 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. Test the EUT in the lowest channel (2404MHz), the middle channel (2441MHz), the Highest channel (2480MHz) |
| | The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case. |
| | i. Repeat above procedures until all frequencies measured was complete. |
| Exploratory Test Mode: | Non-hopping transmitting mode with all kind of modulation and all kind of data type |
| Final Test Mode: | Through Pre-scan, find the DH5 of data type and GFSK modulation is the worst case. |
| | Pretest the EUT at Transmitting mode, For below 1GHz part, through pre- scan, the worst case is the lowest channel. |
| | Only the worst case is recorded in the report. |
| Test Results: | Pass |
| | Final Test Mode: |

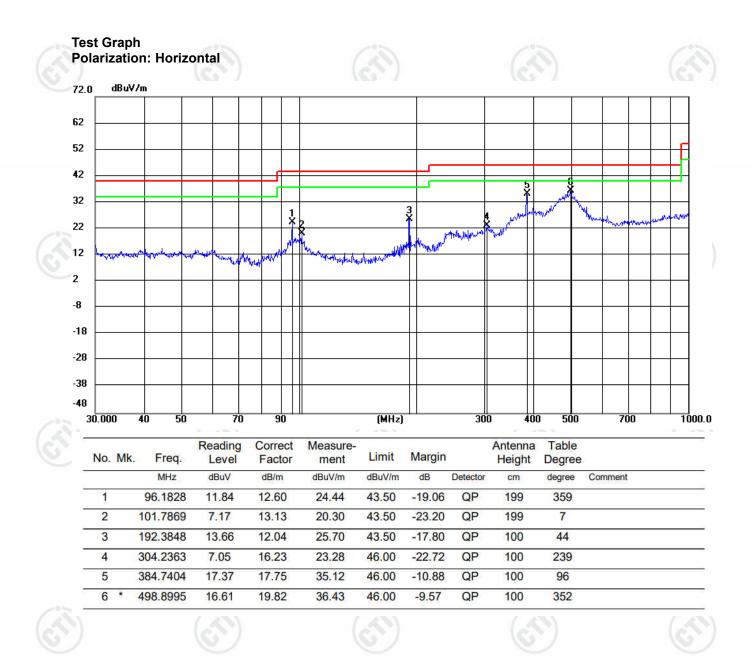






Radiated Spurious Emission below 1GHz:

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes, only the worst case lowest channel of GFSK Low channel was recorded in the report.



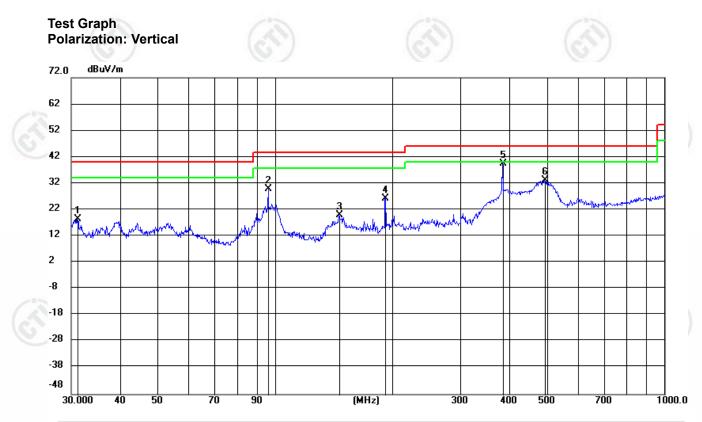












| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | Antenna Height | Table Degree | |
|-----|-----|----------|------------------|-------------------|------------------|--------|--------|----------|-------------------|-----------------|---------|
| | | MHz | dBuV | dB/m | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 31.1743 | 6.00 | 12.39 | 18.39 | 40.00 | -21.61 | QP | 100 | 39 | |
| 2 | | 96.1997 | 17.33 | 12.60 | 29.93 | 43.50 | -13.57 | QP | 100 | 333 | |
| 3 | | 146.2965 | 10.84 | 9.17 | 20.01 | 43.50 | -23.49 | QP | 100 | 360 | |
| 4 | | 192.3848 | 14.26 | 12.04 | 26.30 | 43.50 | -17.20 | QP | 100 | 39 | |
| 5 | * | 384.8079 | 21.60 | 17.75 | 39.35 | 46.00 | -6.65 | QP | 100 | 7 | |
| 6 | | 493.5058 | 13.51 | 19.72 | 33.23 | 46.00 | -12.77 | QP | 100 | 280 | |







Radiated Spurious Emission above 1GHz:

| | Mode | : | | 2.4G Tran | smitti | ing | | Channel: | | 2404 MHz | 2 |
|------|------|----------------|----------------|----------------|--------|-------------------|-------------------|-------------|--------|----------|--------|
| | NO | Freq. [MHz] | Factor [dB] | r Read [dBµ | • | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity | Remark |
| - 00 | 1 | 1144.6763 | 10.23 | 38.3 | 9 | 48.62 | 74.00 | 25.38 | Pass | Н | PK |
| 4 | 2 | 1954.3303 | 16.83 | 34.3 | 32 | 51.15 | 74.00 | 22.85 | Pass | Н | PK |
| 2 | 3 | 3358.8239 | -12.72 | 53.4 | 5 | 40.73 | 74.00 | 33.27 | Pass | Н | PK |
| | 4 | 4807.1205 | -10.45 | 64.5 | 57 | 54.12 | 74.00 | 19.88 | Pass | Н | PK |
| | 5 | 7379.992 | -4.40 | 47.3 | 81 | 42.91 | 74.00 | 31.09 | Pass | Н | PK |
| | 6 | 9613.5409 | 2.50 | 53.9 |)4 | 56.44 | 74.00 | 17.56 | Pass | Н | PK |
| | 7 | 1067.2045 | 9.37 | 39.1 | 2 | 48.49 | 74.00 | 25.51 | Pass | V | PK |
| | 8 | 1944.463 | 16.90 | 33.9 | 9 | 50.89 | 74.00 | 23.11 | Pass | V | PK |
| | 9 | 3334.1223 | -12.81 | 54.3 | 3 | 41.52 | 74.00 | 32.48 | Pass | V | PK |
| | 10 | 4808.4206 | -10.44 | 61.2 | 21 | 50.77 | 74.00 | 23.23 | Pass | V | PK |
| 1 | 11 | 7876.6251 | -2.62 | 46.2 | 26 | 43.64 | 74.00 | 30.36 | Pass | V | PK |
| 5 | 12 | 9618.7412 | 2.44 | 54.5 | 68 | 57.02 | 74.00 | 16.98 | Pass | V | PK |
| | 1 | | | | | | | | / | | |

| Mo | ode: | | 2.4G Transmitt | ing | | Channel: | | 2446 MHz | 2 |
|----|------------------|----------------|-------------------|-------------------|-------------------|-------------|--------|----------|--------|
| N | D Freq. [MHz] | Factor [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 1155.2103 | 10.24 | 37.95 | 48.19 | 74.00 | 25.81 | Pass | Н | PK |
| 2 | 1962.9975 | 16.34 | 34.85 | 51.19 | 74.00 | 22.81 | Pass | Н | PK |
| 3 | 3457.6305 | -12.95 | 52.87 | 39.92 | 74.00 | 34.08 | Pass | Н | PK |
| 4 | 4890.9761 | -9.63 | 67.68 | 58.05 | 74.00 | 15.95 | Pass | Н | PK |
| 5 | 7950.73 | -1.62 | 45.22 | 43.60 | 74.00 | 30.40 | Pass | Н | PK |
| 6 | 9781.2521 | 2.82 | 54.43 | 57.25 | 74.00 | 16.75 | Pass | Н | PK |
| 7 | 1144.8097 | 10.23 | 37.91 | 48.14 | 74.00 | 25.86 | Pass | V | PK |
| 8 | 1956.5971 | 16.70 | 35.09 | 51.79 | 74.00 | 22.21 | Pass | V | PK |
| 9 | 3330.222 | -12.87 | 53.85 | 40.98 | 74.00 | 33.02 | Pass | V | PK |
| 1(| 4893.5762 | -9.58 | 65.13 | 55.55 | 74.00 | 18.45 | Pass | V | PK |
| 1 | 1 7774.5683 | -3.37 | 47.16 | 43.79 | 74.00 | 30.21 | Pass | V | PK |
| 12 | 9786.4524 | 2.98 | 55.32 | 58.30 | 74.00 | 15.70 | Pass | V | PK |
| 0 | | 105 | · | 205 | | 20- | | | -05 |









CTI华测检测







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| Mode | : | | 2.4G Transmitti | ng | _ | Channel: | _ | 2478 MHz | z |
|------|----------------|----------------|-------------------|-------------------|-------------------|-------------|--------|----------|--------|
| NO | Freq. [MHz] | Factor [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity | Remark |
| 1 | 1148.8099 | 10.37 | 37.85 | 48.22 | 74.00 | 25.78 | Pass | Н | PK |
| 2 | 1955.9304 | 16.74 | 35.14 | 51.88 | 74.00 | 22.12 | Pass | Н | PK |
| 3 | 3329.572 | -12.88 | 53.56 | 40.68 | 74.00 | 33.32 | Pass | н | PK |
| 4 | 4957.2805 | -13.27 | 66.78 | 53.51 | 74.00 | 20.49 | Pass | Н | PK |
| 5 | 7771.9681 | -3.34 | 46.62 | 43.28 | 74.00 | 30.72 | Pass | Н | PK |
| 6 | 9912.5608 | 0.75 | 51.64 | 52.39 | 74.00 | 21.61 | Pass | н | PK |
| 7 | 1153.0769 | 10.31 | 38.76 | 49.07 | 74.00 | 24.93 | Pass | V | PK |
| 8 | 1955.9304 | 16.74 | 35.24 | 51.98 | 74.00 | 22.02 | Pass | V | PK |
| 9 | 3791.7528 | -12.09 | 52.16 | 40.07 | 74.00 | 33.93 | Pass | V | PK |
| 10 | 4957.2805 | -13.27 | 66.86 | 53.59 | 74.00 | 20.41 | Pass | V | PK |
| 11 | 7911.0774 | -2.38 | 45.79 | 43.41 | 74.00 | 30.59 | Pass | V | PK |
| 12 | 9912.5608 | 0.75 | 50.80 | 51.55 | 74.00 | 22.45 | Pass | V | PK |
| · / | | 10.7 | 1 | 16.7 | | 10.2 | | | 10.21 |

Remark:

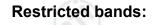
- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
 - Final Test Level =Receiver Reading + Antenna Factor + Cable Factor Preamplifier Factor
- Scan from 9kHz to 25GHz, the disturbance above 10GHz and below 30MHz was very low. As shown in 2) this section, for frequencies above 1GHz, the field strength limits 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. So, only the peak measurements were shown in the report.

















Test plot as follows:

| | EUT_N | lame | | | Test_Model | | |
|--------|--|---------------------------|--|--------------------------------|----------------------------------|---------|---|
| | Test_N | lode | 2.4G | | Test_Frequency | 2404Mh | z |
| | Tset_En | gineer | chenjun | | Test_Date | 2025/01 | /22 |
| | Rem | ark | 23.5°C56.9% | | | | |
| rest C | Braph | | | | | | |
| | 130 120 110 | | | | | | |
| | 100 90 80 70 | | | | | | CC PARTISC |
| | 10000000000000000000000000000000000000 | aylini, da gu coyaya Maki | an a | n eine ittekstikermitistikalik | nas mainta hitempedadur attirity | | A Barren and A Bar |
| | 30 | | | | | | |
| | 20 | | | | | | |

- PK Limit ---- AV Limit ----- Horizontal PK - Horizor * PK Detector * AV Detector

| | Suspecte | d List | | | | | | | | |
|---|----------|----------------|----------------|-------------------|-------------------|-------------------|----------------|--------|------------|--------|
| Ä | NO | Freq. [MHz] | Factor [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity | Remark |
| C | 1 | 2390 | 15.31 | 45.12 | 60.43 | 74.00 | 13.57 | PASS | Horizontal | PK |
| | 2 | 2390 | 15.31 | 23.66 | 38.97 | 54.00 | 15.03 | PASS | Horizontal | AV |









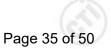












| | EUT_N | ame | S | | Test_Mod | del | | (\mathbf{c}) | |
|-----|--|---|------------------------------------|------------------------------|--|-------------------------|---|--|----------|
| | Test_M | ode 2. | 4G | 1 | Test_Frequ | ency | 2404Mhz | <u>-</u> | ~ |
| | Tset_Eng | gineer ch | nenjun | CC CC | Test_Da | te | 2025/01/ | 22 | 6 |
| | Rema | ırk 23 | 3.5°C56.9%\ | М | - | | | - | |
| Tes | st Graph | | $\binom{c_1}{c_1}$ | | (31 | •) | | (\mathcal{A}^{n}) | |
| | 130 120 110 | | | | | | | | |
| | 90 | | | | | | Jan | CC PART ISC (| PH Limit |
| | Filler | uhlletinden scheiner sleiter | برهاي بالارتبارية والإفارينا برواي | dakterung paielineitettetter | n dan katerin (n dar an dan katerin (n dar | rydd daellan y ddae | population and the | V Constanting of the second se | Weinder |
| | 30 20 10 | | | | | | | | |
| | | | | | | | | | |
| | -10 -20 2.31G | 2.3214G 2.33 | 328G 2.3442G | 2.3556G | 2.367G 2.3784 | IG 2.3898G | 2.4012G | 2.4126G | 2.424G |
| | 0 | | | 2.3558G | 2.367G 2.3784 Frequency[Hz] | G 2.3898G | 2.4012G | 2.4126G | 2.424G |
| | 0 10 20 231G → PK Limit ★ PK Detector | | sz8G 23442G | 235580 | | IG 23898G | 24012G | 2.4128G | 2.424G |
| Sus | PK Limit PK Detector | - AV Limit - Ve • AV Detector | rtical PK — Vertical AV | 107 | Frequency(Hz) | | 2.4012G | 2.4126G | |
| | PK Limit PK Delector | AV Limit Ve | | | | a 230000 | 24012G Result | 241286 Polarity | ler |
| ٩ | Spected List NO Freq. [MHz] 1 2390 | AV Limit — Ve • AV Detector [dB] 15.31 | Reading [dBµV] 40.98 | Level [dBµV/m] 56.29 | Frequency(H2) | Margin [dB] 17.71 | Result | Polarity Vertical | Remar |
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Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor-Antenna Factor-Cable Factor







6 Appendix A

Refer to Appendix: 2.4G FHSS of EED32Q82162401







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 ***