

TEST REPORT**Application No.:**

GZCR2505000762AT

Applicant:

Guangdong Transtek Medical Electronics Co., Ltd.

Address of Applicant:Zone A, No.105, Dongli Road, Torch Development District, 528437
Zhongshan, Guangdong, China**Manufacturer:**

Guangdong Transtek Medical Electronics Co., Ltd.

Address of Manufacturer:Zone A, No.105, Dongli Road, Torch Development District, 528437
Zhongshan, Guangdong, China**Factory:**

Guangdong Transtek Medical Electronics Co., Ltd.

Address of Factory:Zone A, No.105, Dongli Road, Torch Development District, 528437
Zhongshan, Guangdong, China**Product Name:**

Body Fat Analyzer

Model No.:

SFX45, SFX45-CC ♣

♣

Please refer to section 2 of this report which indicates which item was actually tested and which were electrically identical.

Standard(s) :

47 CFR Part 15, Subpart C 15.247

Date of Receipt:

2025-05-27

Date of Test:

2025-06-04 to 2025-06-17

Date of Issue:

2025-07-25

Test Result:

Pass*

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

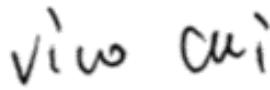
Ricky Liu
Manager

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| Revision Record | | | |
|-----------------|------------------|------------|----------|
| Version | Report No. | Date | Remark |
| 01 | GZCR250500076202 | 2025-07-25 | Original |
| | | | |
| | | | |

| Authorized for issue by: | | | |
|--------------------------|---|-----------------------------|--|
| |  | Allen Zhou/Project Engineer | |
| |  | Vico Cui/Reviewer | |
| | | | |
| | | | |



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2 Test Summary

| Radio Spectrum Technical Requirement | | | | |
|--------------------------------------|----------------------------------|--------|---|--------|
| Item | Standard | Method | Requirement | Result |
| Antenna Requirement | 47 CFR Part 15, Subpart C 15.247 | N/A | 47 CFR Part 15, Subpart C 15.203 & 15.247(b)(4) | Pass |

| Radio Spectrum Matter Part | | | | |
|---|----------------------------------|--------------------------------------|---|--------|
| Item | Standard | Method | Requirement | Result |
| Radiated Emissions which fall in the restricted bands | 47 CFR Part 15, Subpart C 15.247 | ANSI C63.10 (2013) Section 11.12 | 47 CFR Part 15, Subpart C 15.205 & 15.209 | Pass |
| Radiated Spurious Emissions Below 1GHz | | ANSI C63.10 (2013) Section 6.4,6.5 | 47 CFR Part 15, Subpart C 15.205 & 15.209 | Pass |
| Radiated Spurious Emissions Above 1GHz | | ANSI C63.10 (2013) Section 6.6 | 47 CFR Part 15, Subpart C 15.205 & 15.209 | Pass |
| Conducted Peak Output Power | | ANSI C63.10 (2013) Section 11.9.1 | 47 CFR Part 15, Subpart C 15.247(b)(3) | Pass |
| Minimum 6dB Bandwidth | | ANSI C63.10 (2013) Section 11.8.1 | 47 CFR Part 15, Subpart C 15.247a(2) | Pass |
| Power Spectrum Density | | ANSI C63.10 (2013) Section 11.10.2 | 47 CFR Part 15, Subpart C 15.247(e) | Pass |
| Conducted Band Edges Measurement | | ANSI C63.10 (2013) Section 11.13.3.2 | 47 CFR Part 15, Subpart C 15.247(d) | Pass |

Note:

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

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

◆ Declaration of EUT Family Grouping:

Model No.: SFX45, SFX45-CC

According to the declaration from the applicant, the electrical circuit design, layout, components used

and internal wiring were identical for all models, with only difference on appearance and size.

Therefore, only one model SFX45 was tested in this report.



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4 General Information

4.1 Details of E.U.T.

| | |
|----------------------|--|
| Power supply: | DC 6V (4*AAA size batteries) |
| Cable(s): | None |
| Test Voltage: | DC 6V |
| Operation Frequency: | 2402MHz to 2480MHz |
| Modulation Type: | GFSK |
| Number of Channels: | 40 |
| Channel Spacing: | 2MHz |
| Antenna Type: | PCB Antenna |
| Antenna Gain: | -1.68 dBi according to antenna specification |
| Antenna Number: | 1 |

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

4.2 Description of Support Units

| Description | Manufacturer | Model No. | Serial No. |
|--------------------|--------------|---------------|------------|
| Note Book Computer | LENOVO | ThinkPad T490 | PF1D1MVJ |



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4.3 Measurement Uncertainty

| Test Item | Measurement Uncertainty |
|---|--|
| Radiated Emissions which fall in the restricted bands | ±5.14dB (3m); ±4.90dB (10m); ±4.88dB (1GHz-6GHz); ±5.06dB (6GHz-18GHz); ±5.30dB (18GHz-40GHz) |
| Radiated Spurious Emissions Below 1GHz | ±3.08dB (9kHz to 150kHz); ±3.19dB (150kHz to 30MHz); ±5.14dB (30MHz-1GHz) (3m); ±4.90dB (30MHz-1GHz) (10m) |
| Radiated Spurious Emissions Above 1GHz | ±4.88dB (1GHz-6GHz); ±5.06dB (6GHz-18GHz); ±5.30dB (18GHz-40GHz) |
| Conducted Peak Output Power | ± 0.75dB |
| Minimum 6dB Bandwidth | ± 0.274% |
| Power Spectrum Density | ± 2.84dB |
| Conducted Band Edges Measurement | ± 0.75dB |

Remark:
The U_{lab} (lab Uncertainty) is less than U_{cisp} (CISPR Uncertainty) or U_{ETSI} (ETSI Uncertainty).

Emission decision rule:
– Compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit, marked as Pass in the report.
– Non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit, marked as Fail in the report.

4.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou Branch EMC Laboratory,
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou,
Guangdong, China 510663

Tel: +86 20 82155555

No tests were sub-contracted.



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4.5 Test Facility

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

- **ACMA**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory can also perform testing for the Australian/New Zealand Regulatory Compliance Mark (RCM).

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

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

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

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

- **ISED (Registration No.: 4620B, CAB identifier: CN0052)**

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

- **VCCI (Registration No.: R-12460, C-12584, G-20107 and T-11179)**

The 10m Semi-anechoic chamber, 966 Anechoic Chamber and Shielded Room of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-12460, C-12584, G-20107 and T-11179 respectively.

- **CBTL (Lab Code: TL129)**

SGS-CSTC Standards Technical Services Co., Ltd., E&E Laboratory has been assessed and fully comply with the requirements of ISO/IEC 17025:2017, the Basic Rules, IECEE 01 and Rules of procedure IECEE 02, and the relevant IECEE CB-Scheme Operational documents.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



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5 Equipment List

| Radiated Emissions which fall in the restricted bands | | | | | |
|--|-----------------------------|------------------|----------------------|-----------------|---------------------|
| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date |
| 1GHz-26.5 GHz Pre-Amplifier | Agilent | 8449B | EMC0521 | 2024-10-14 | 2025-10-13 |
| EMI Test Receiver (10Hz-26.5GHz) | Rohde & Schwarz | ESIB26 | EMC0522 | 2024-09-02 | 2025-09-01 |
| Chamber cable (Above 1GHz) | Scoflex | KMKM-8.0m | EMC0545 | 2024-08-19 | 2026-08-18 |
| Horn Antenna (1GHz-18GHz) | SCHWARZBECK MESS-ELEKTRONIK | BBHA 9120D | EMC2026 | 2025-05-13 | 2027-05-12 |
| Horn Antenna (14-40GHz) | SCHWARZBECK | BBHA 9170 | EMC2041 | 2023-06-18 | 2026-06-17 |
| EXA Signal Analyzer (10Hz-44GHz) | Keysight | N9010A | EMC2138 | 2024-08-19 | 2025-08-18 |
| MXE EMI Receiver (10Hz-8.4GHz) | Keysight | N9038A | EMC2139 | 2024-10-14 | 2025-10-13 |
| 966 Anechoic Chamber | C.R.T | 9m x 6m x 6m | EMC2142 | 2023-12-20 | 2026-12-19 |
| Test Software E3 | Audix | Ver.6.120110a | GZE100-61 | N/A | N/A |

| Radiated Spurious Emissions Below 1GHz | | | | | |
|---|-----------------------------|------------------|----------------------|-----------------|---------------------|
| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date |
| 10m Semi-Anechoic Chamber | ETS | N/A | EMC0530 | 2022-10-16 | 2025-10-15 |
| Coaxial cable | Mirco-COAX UTIFLEX | 311A | EMC0540 | 2024-08-19 | 2026-08-18 |
| Amplifier (9kHz-1.3GHz) | HP | 8447F | EMC2065 | 2024-12-04 | 2025-12-03 |
| Active Loop Antenna-RED | ETS-Lindgren | 6502 | EMC2190 | 2024-04-08 | 2026-04-07 |
| EMI Test Receiver (9kHz-7GHz) | Rohde & Schwarz | ESR7 | EMC2220 | 2024-12-04 | 2025-12-03 |
| Test Software E3 | Audix | Ver.6.120110a | GZE100-61 | N/A | N/A |
| Trilog Broadband Antenna (25MHz-2GHz) | Schwarzbeck Mess-Elektronik | VULB 9168 | EMC2174 | 2025-04-21 | 2027-04-20 |

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Radiated Spurious Emissions Above 1GHz

| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date |
|----------------------------------|-----------------------------|---------------|---------------|------------|--------------|
| 1GHz-26.5 GHz Pre-Amplifier | Agilent | 8449B | EMC0521 | 2024-10-14 | 2025-10-13 |
| EMI Test Receiver (10Hz-26.5GHz) | Rohde & Schwarz | ESIB26 | EMC0522 | 2024-09-02 | 2025-09-01 |
| Chamber cable (Above 1GHz) | Scoflex | KMKM-8.0m | EMC0545 | 2024-08-19 | 2026-08-18 |
| Horn Antenna (1GHz-18GHz) | SCHWARZBECK MESS-ELEKTRONIK | BBHA 9120D | EMC2026 | 2025-05-13 | 2027-05-12 |
| Horn Antenna (14-40GHz) | SCHWARZBECK | BBHA 9170 | EMC2041 | 2023-06-18 | 2026-06-17 |
| 2.4GHz Filter | Micro-Tronics | BRM 50702 | EMC2069 | 2024-10-14 | 2025-10-13 |
| EXA Signal Analyzer (10Hz-44GHz) | Keysight | N9010A | EMC2138 | 2024-08-19 | 2025-08-18 |
| MXE EMI Receiver (10Hz-8.4GHz) | Keysight | N9038A | EMC2139 | 2024-10-14 | 2025-10-13 |
| 966 Anechoic Chamber | C.R.T | 9m x 6m x 6m | EMC2142 | 2023-12-20 | 2026-12-19 |
| Test Software E3 | Audix | Ver.6.120110a | GZE100-61 | N/A | N/A |

RF Conducted Test

| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date |
|----------------------------------|--------------|-----------|---------------|------------|--------------|
| MI CABLE | SGS-EMC | 0.8M | EMC2137 | 2023-11-02 | 2025-11-01 |
| EXA Signal Analyzer (10Hz-44GHz) | Keysight | N9010A | EMC2138 | 2024-08-19 | 2025-08-18 |
| 4X4 Power sensor Unit | TST | TSPS2023R | EMC2226 | 2024-08-19 | 2025-08-18 |
| Test Software | TST | V2.0 | GZE100-78 | N/A | N/A |

General used equipment

| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date |
|-----------|--------------|-----------|---------------|------------|--------------|
| DMM | Fluke | 73 | EMC0006 | 2025-06-03 | 2026-06-02 |

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6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203 & 15.247(b)(4)

6.1.2 Conclusion

Standard Requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of 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. 15.247(b)(4) requirement: The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna: The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is -1.68dBi.

Antenna location: Refer to internal photo.



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7 Radio Spectrum Matter Test Results

7.1 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

Test Method: ANSI C63.10 (2013) Section 11.12

Limit:

Test Distance: 3 m

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

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

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 24.7 °C Humidity: 54.8 % RH Atmospheric Pressure: 1004 mbar

7.1.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|--------------------------|--------------|---|
| Final test | 00 | TX mode(1Mbps)_Keep the EUT in continuously transmitting mode with GFSK modulation. |



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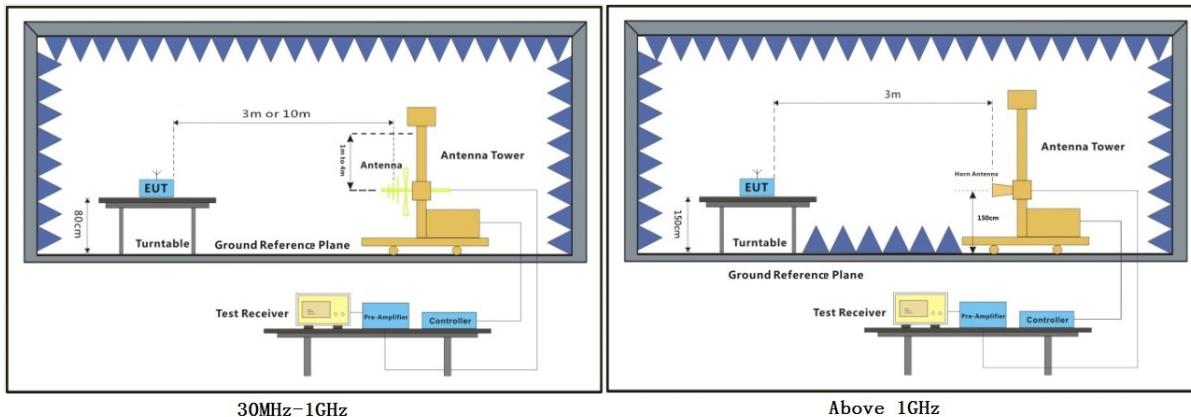
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7.1.3 Test Setup Diagram

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7.1.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the Highest channel.
- i. 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.
- j. Repeat above procedures until all frequencies measured was complete.

Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

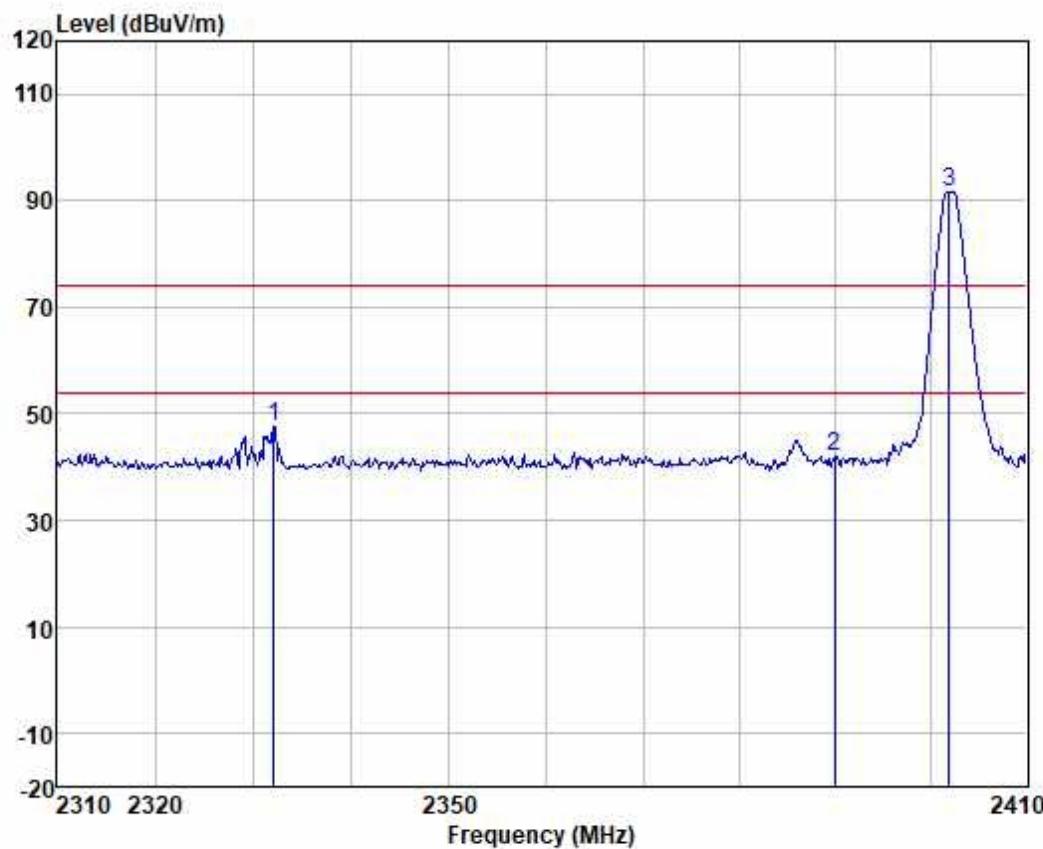
Remark 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

Remark 3: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.

Remark 4: For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.



Test Mode: 00; Polarity: Vertical; Modulation:GFSK; Channel:Low



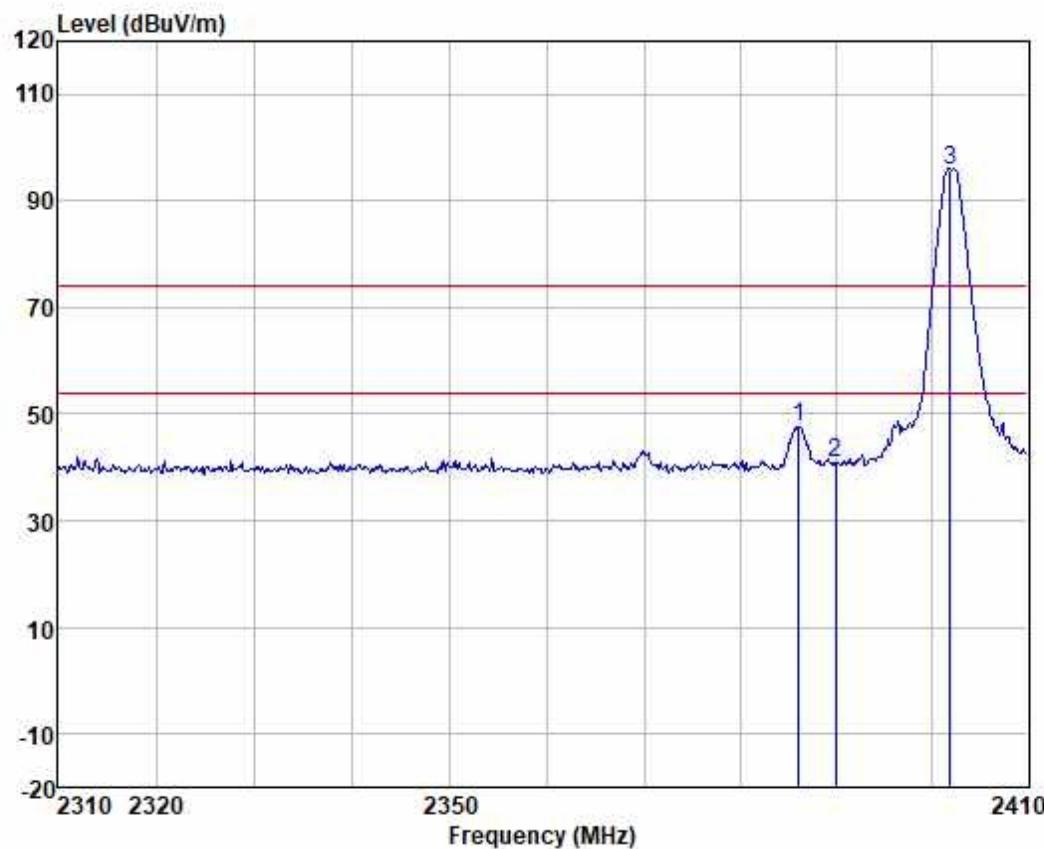
| Freq | ReadAntenna | | Cable | | Preamp Level | Limit Line | Over Limit | Over Line | Pol/Phase | Remark |
|------|-------------|-----------------|----------------|------|-----------------|---------------|---------------|--------------|-----------|--------|
| | MHz | Level Factor | Loss Factor | dB | dBuV/m | dBuV/m | dB | dB | dB | dB |
| 1 | 2332.033 | 54.56 | 27.55 | 3.41 | 37.77 | 47.75 | 74.00 | -26.25 | VERTICAL | peak |
| 2 | 2390.000 | 48.71 | 27.68 | 3.44 | 37.77 | 42.06 | 74.00 | -31.94 | VERTICAL | peak |
| 3 * | 2402.000 | 98.30 | 27.71 | 3.45 | 37.77 | 91.69 | 74.00 | 17.69 | VERTICAL | peak |



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Test Mode: 00; Polarity: Horizontal; Modulation:GFSK; Channel:Low



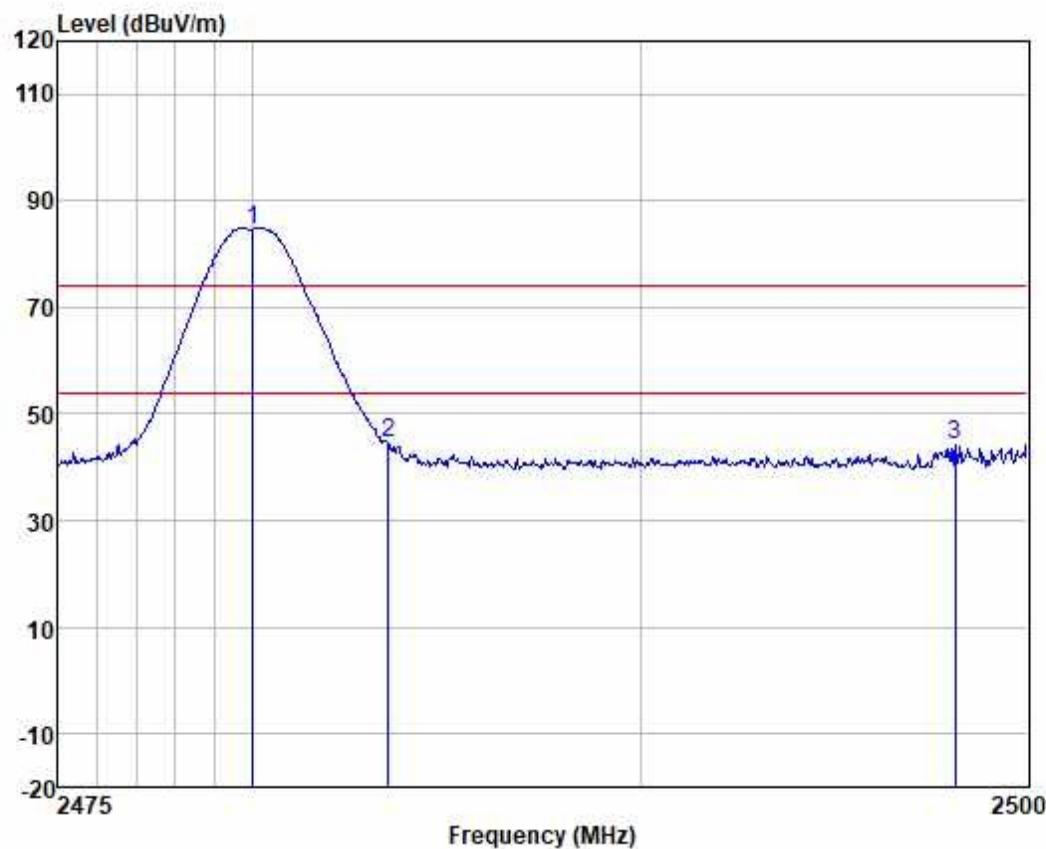
| Freq | ReadAntenna | | Cable | | Preamp Level | Limit Line | Over Limit | Over Limit Pol/Phase | Remark |
|------|-------------|--------|--------------|----------------------|-----------------|---------------|---------------|----------------------------|-----------------|
| | MHz | dBuV | Level Factor | Cable Loss Factor | dB | dB | dBuV/m | dBuV/m | dB |
| 1 | 2386.118 | 54.36 | 27.68 | 3.44 | 37.77 | 47.71 | 74.00 | -26.29 | HORIZONTAL peak |
| 2 | 2390.000 | 47.66 | 27.68 | 3.44 | 37.77 | 41.01 | 74.00 | -32.99 | HORIZONTAL peak |
| 3 | * 2402.000 | 102.51 | 27.71 | 3.45 | 37.77 | 95.90 | 74.00 | 21.90 | HORIZONTAL peak |



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Test Mode: 00; Polarity: Vertical; Modulation:GFSK; Channel:High



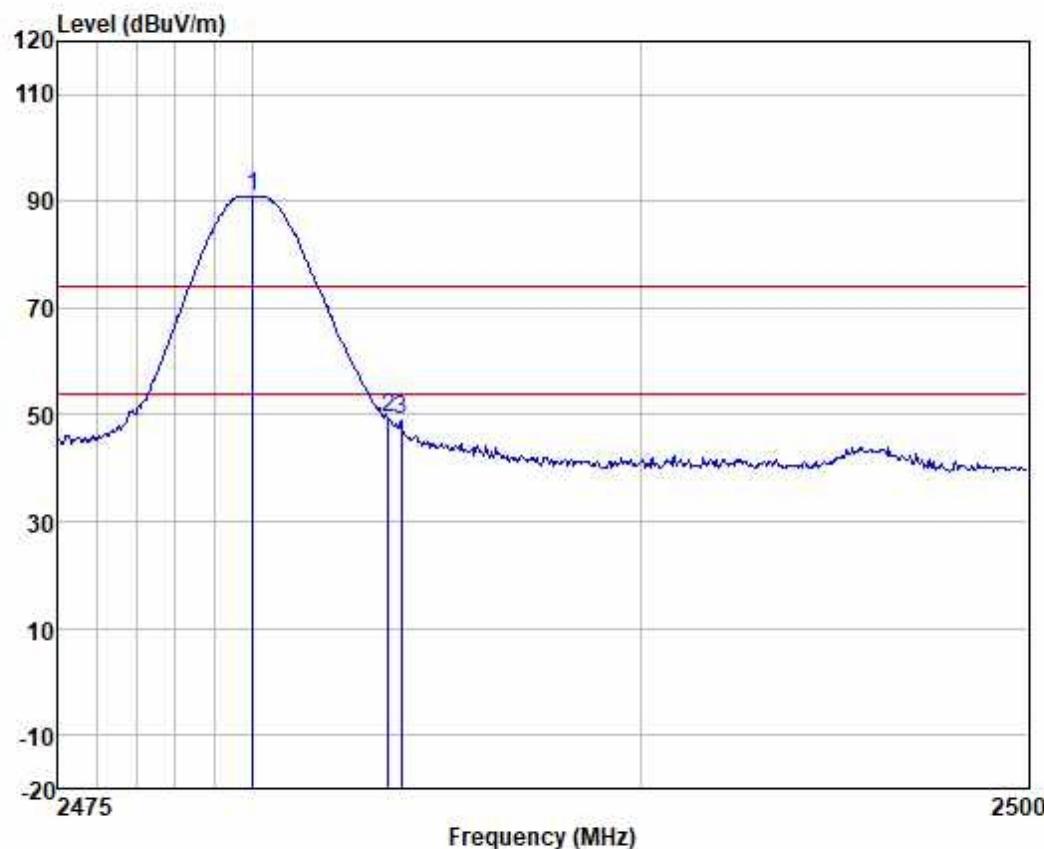
| Freq | Read | Antenna | Cable | Preamp | Limit | Over | Over | Remark |
|------|----------|---------|-------|--------|--------|--------|-------|----------------------|
| | Level | Factor | Loss | Factor | | | | |
| MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 * | 2480.000 | 91.13 | 27.84 | 3.48 | 37.76 | 84.69 | 74.00 | 10.69 VERTICAL peak |
| 2 | 2483.500 | 50.91 | 27.85 | 3.49 | 37.76 | 44.49 | 74.00 | -29.51 VERTICAL peak |
| 3 | 2498.141 | 50.47 | 27.87 | 3.49 | 37.76 | 44.07 | 74.00 | -29.93 VERTICAL peak |



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Test Mode: 00; Polarity: Horizontal; Modulation:GFSK; Channel:High



| Freq | ReadAntenna | | Cable | | Preamp Level | Limit Line | Over Line Limit | Over Limit Pol/Phase | Remark |
|--------------|-------------|---------------|-------------------|---------------------|-----------------|---------------|-----------------------|----------------------------|--------|
| | MHz | Level dBuV | Antenna Factor | Cable Loss dB | | | | | |
| | | | | | dBuV/m | dBuV/m | | | |
| 1 * 2480.000 | 97.23 | 27.84 | 3.48 | 37.76 | 90.79 | 74.00 | 16.79 | HORIZONTAL | peak |
| 2 2483.500 | 55.68 | 27.85 | 3.49 | 37.76 | 49.26 | 74.00 | -24.74 | HORIZONTAL | peak |
| 3 2483.821 | 55.61 | 27.85 | 3.49 | 37.76 | 49.19 | 74.00 | -24.81 | HORIZONTAL | peak |

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7.2 Radiated Spurious Emissions Below 1GHz

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

Test Method: ANSI C63.10 (2013) Section 6.4,6.5

Limit:

Test Distance: 3 m below 30MHz; 10 m above 30MHz

| Frequency (MHz) | Field strength (microvolts/meter) | Measurement distance(meters) |
|-----------------|-----------------------------------|------------------------------|
| 0.009-0.490 | 2400/F(kHz) | 300 |
| 0.490-1.705 | 24000/F(kHz) | 30 |
| 1.705-30.0 | 30 | 30 |
| 30-88 | 100 | 3 |
| 88-216 | 150 | 3 |
| 216-960 | 200 | 3 |
| 960-1000 | 500 | 3 |

7.2.1 E.U.T. Operation

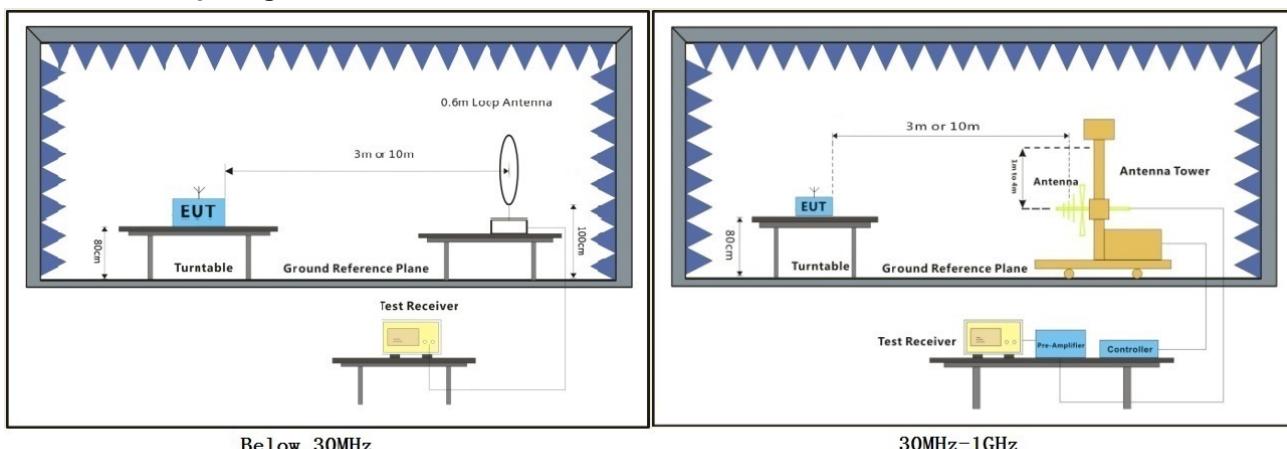
Operating Environment:

Temperature: 23.6 °C Humidity: 55.8 % RH Atmospheric Pressure: 1004 mbar

7.2.2 Test Mode Description

| Pre-scan / Mode | Final test | Description |
|-----------------|---------------|---|
| | Code | |
| | Final test 00 | TX mode(1Mbps)_Keep the EUT in continuously transmitting mode with GFSK modulation. |

7.2.3 Test Setup Diagram



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7.2.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- 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 quasi-peak method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. 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.

Remark:

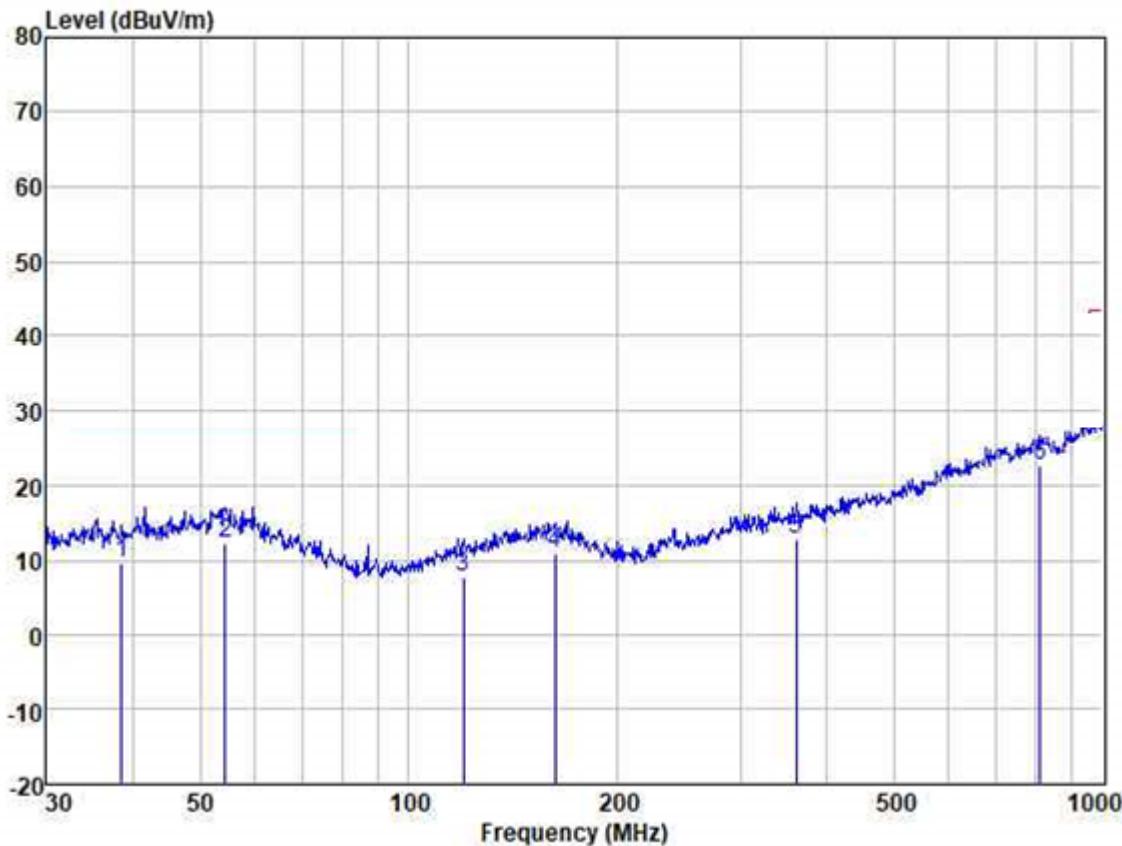
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.



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Test Mode: 00; Polarity: Horizontal



| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) @10m | Level (dBuV/m) @3m | Limit Line (dBuV/m) @3m | Over Limit (dB) | Remark |
|-----------------|-------------------|-----------------------|-----------------|--------------------|---------------------|--------------------|-------------------------|-----------------|--------|
| 47.326 | 21.33 | 13.94 | 0.46 | 28.11 | 7.62 | 17.62 | 40.00 | -22.38 | QP |
| 56.593 | 22.29 | 13.74 | 0.51 | 28.1 | 8.44 | 18.44 | 40.00 | -21.56 | QP |
| 155.91 | 22.42 | 13.61 | 0.84 | 27.79 | 9.08 | 19.08 | 43.52 | -24.44 | QP |
| 327.887 | 23.15 | 14.21 | 1.22 | 27.52 | 11.06 | 21.06 | 46.02 | -24.96 | QP |
| 446.414 | 24.15 | 16.91 | 1.45 | 28.34 | 14.17 | 24.17 | 46.02 | -21.85 | QP |
| 922.516 | 24.89 | 23.42 | 2.07 | 28.27 | 22.11 | 32.11 | 46.02 | -13.91 | QP |

*Remark:

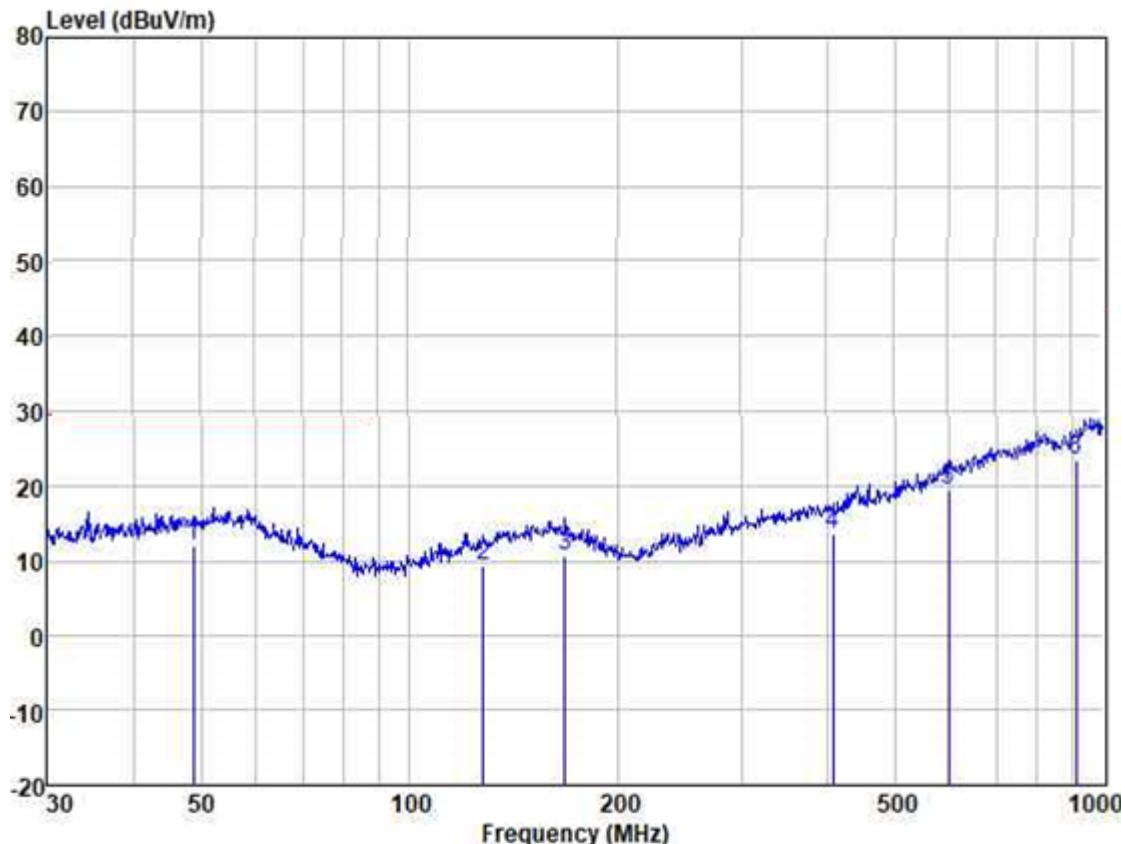
Level (dBuV/m) @3m = Level (dBuV/m) @10m + Convert Factor (dB)

 Convert Factor (dB) = $20 \cdot \log(\text{Measurement Distance}/\text{Specified Distance}) = 20 \cdot \log(10/3) = 10.46 \text{ dB}$
 according to 15.31 (f) (1)


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Test Mode: 00; Polarity: Vertical



| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) @10m | Level (dBuV/m) @3m | Limit Line (dBuV/m) @3m | Over Limit (dB) | Remark |
|-----------------|-------------------|-----------------------|-----------------|--------------------|---------------------|--------------------|-------------------------|-----------------|--------|
| 47.659 | 21.38 | 13.94 | 0.46 | 28.11 | 7.67 | 17.67 | 40.00 | -22.33 | QP |
| 60.069 | 22.77 | 13.33 | 0.52 | 28.10 | 8.52 | 18.52 | 40.00 | -21.48 | QP |
| 152.664 | 22.28 | 13.59 | 0.83 | 27.82 | 8.88 | 18.88 | 43.52 | -24.64 | QP |
| 311.087 | 23.09 | 13.78 | 1.19 | 27.44 | 10.62 | 20.62 | 46.02 | -25.40 | QP |
| 520.888 | 24.82 | 18.46 | 1.55 | 28.71 | 16.12 | 26.12 | 46.02 | -19.90 | QP |
| 815.968 | 24.65 | 23.33 | 1.94 | 28.48 | 21.44 | 31.44 | 46.02 | -14.58 | QP |

*Remark:

Level (dBuV/m) @3m = Level (dBuV/m) @10m + Convert Factor (dB)

Convert Factor (dB) = $20 \cdot \log(\text{Measurement Distance}/\text{Specified Distance}) = 20 \cdot \log(10/3) = 10.46 \text{ dB}$ according to 15.31 (f) (1)

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7.3 Radiated Spurious Emissions Above 1GHz

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

Test Method: ANSI C63.10 (2013) Section 6.6

Limit:

| Frequency (MHz) | Field strength (microvolts/meter) | Measurement distance(meters) |
|-----------------|-----------------------------------|------------------------------|
| Above 1000 | 500 | 3 |

7.3.1 E.U.T. Operation

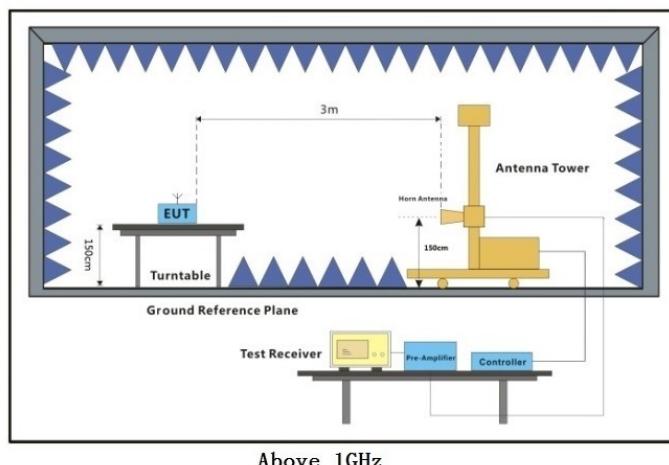
Operating Environment:

Temperature: 24.7 °C Humidity: 54.8 % RH Atmospheric Pressure: 1004 mbar

7.3.2 Test Mode Description

| Pre-scan / Mode | Description |
|-----------------|---|
| Final test Code | |
| Final test 00 | TX mode(1Mbps)_Keep the EUT in continuously transmitting mode with GFSK modulation. |

7.3.3 Test Setup Diagram



7.3.4 Measurement Procedure and Data

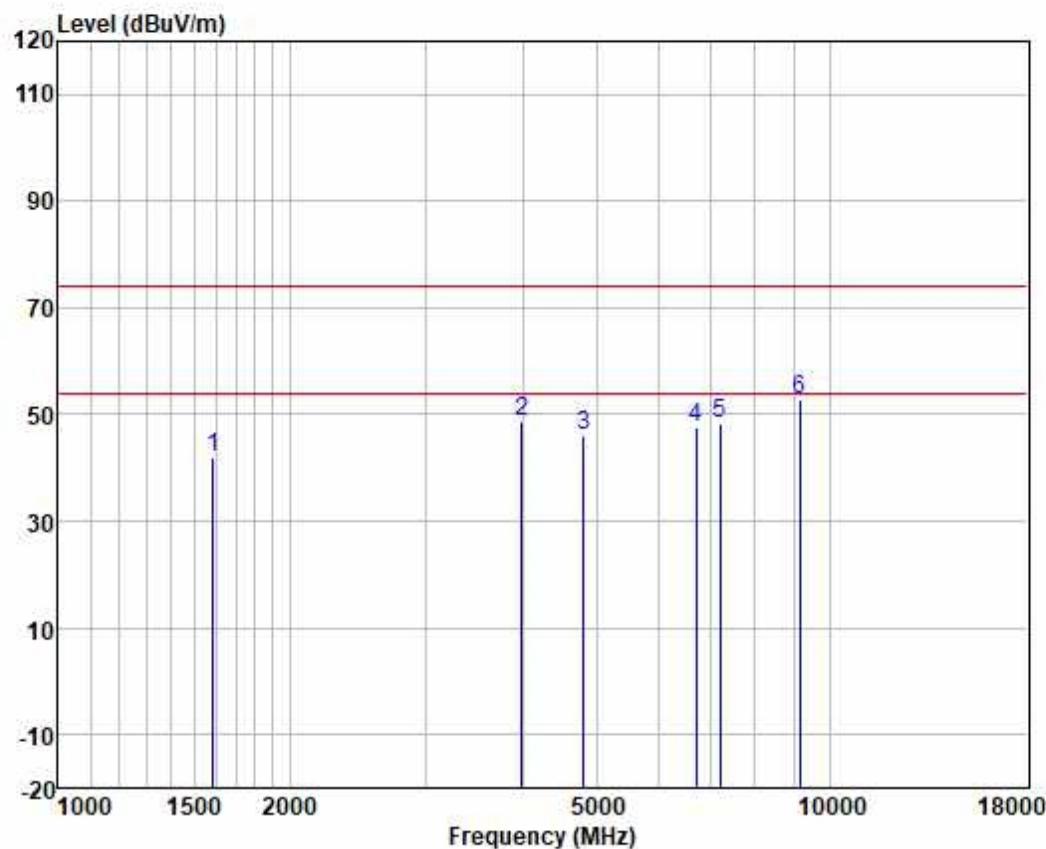
- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which 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 or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. 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.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 1GHz to 25GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
3. As shown in 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. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
- 4: The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.
- 5:For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.



Test Mode: 00; Polarity: Vertical; Modulation:GFSK; Channel:Low



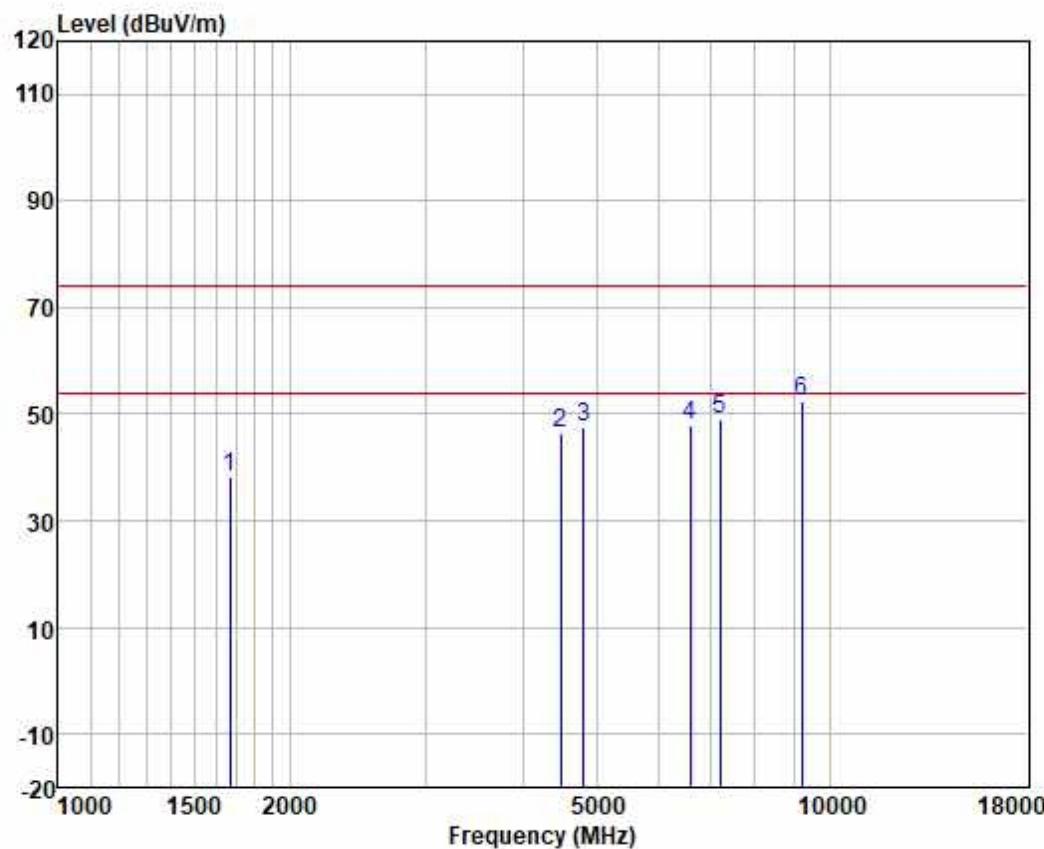
| Freq | ReadAntenna | | Cable | | Preamp | | Limit | Over | Over | Remark |
|------|-------------|--------|-------|--------|--------|--------|--------|--------|----------|--------|
| | Level | Factor | Loss | Factor | Level | Line | | | | |
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | | |
| 1 | 1587.975 | 52.81 | 24.65 | 2.75 | 38.15 | 42.06 | 74.00 | -31.94 | VERTICAL | peak |
| 2 | 3992.781 | 50.97 | 30.59 | 4.49 | 37.50 | 48.55 | 74.00 | -25.45 | VERTICAL | peak |
| 3 | 4804.000 | 44.56 | 34.16 | 4.81 | 37.38 | 46.15 | 74.00 | -27.85 | VERTICAL | peak |
| 4 | 6717.762 | 44.39 | 34.42 | 5.75 | 37.12 | 47.44 | 74.00 | -26.56 | VERTICAL | peak |
| 5 | 7206.000 | 43.99 | 35.63 | 5.93 | 37.17 | 48.38 | 74.00 | -25.62 | VERTICAL | peak |
| 6 | 9152.479 | 45.58 | 37.85 | 6.68 | 37.13 | 52.98 | 74.00 | -21.02 | VERTICAL | peak |



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Test Mode: 00; Polarity: Horizontal; Modulation:GFSK; Channel:Low



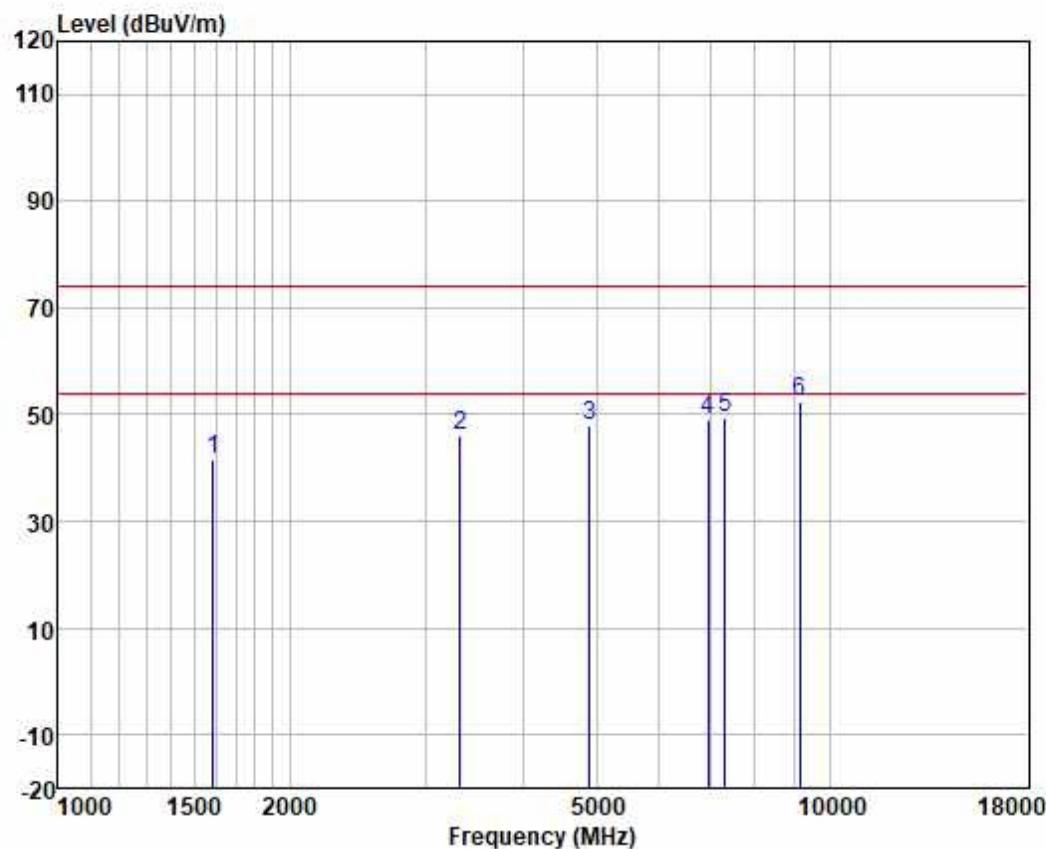
| Freq | ReadAntenna | | Cable | | Preamp Level | Limit Line | Over Limit | Over Line | Pol/Phase | Remark |
|------|-------------|-----------------|-------|--------|-----------------|---------------|---------------|--------------|------------|--------|
| | MHz | Level Factor | Loss | Factor | | | | | | |
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | | |
| 1 | 1672.779 | 48.67 | 24.98 | 2.82 | 38.05 | 38.42 | 74.00 | -35.58 | HORIZONTAL | peak |
| 2 | 4482.150 | 45.10 | 34.12 | 4.62 | 37.44 | 46.40 | 74.00 | -27.60 | HORIZONTAL | peak |
| 3 | 4804.000 | 45.99 | 34.16 | 4.81 | 37.38 | 47.58 | 74.00 | -26.42 | HORIZONTAL | peak |
| 4 | 6602.265 | 45.29 | 34.07 | 5.69 | 37.12 | 47.93 | 74.00 | -26.07 | HORIZONTAL | peak |
| 5 | 7206.000 | 44.63 | 35.63 | 5.93 | 37.17 | 49.02 | 74.00 | -24.98 | HORIZONTAL | peak |
| 6 | 9205.540 | 44.75 | 37.97 | 6.73 | 37.13 | 52.32 | 74.00 | -21.68 | HORIZONTAL | peak |

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Test Mode: 00; Polarity: Vertical; Modulation:GFSK; Channel:middle



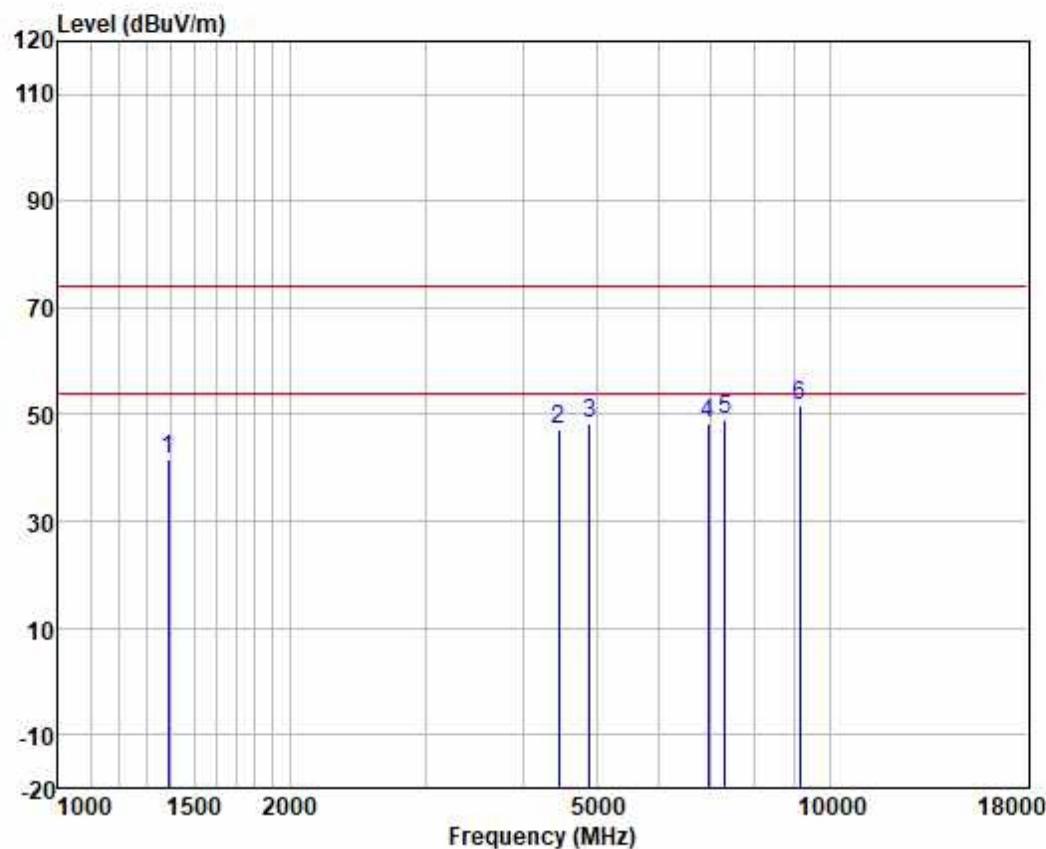
| Freq | Read | Antenna | Cable | Preamp | Limit | | Over | Remark |
|------|----------|---------|--------|--------|--------|--------|--------|----------------------|
| | Freq | Level | Factor | Loss | Factor | Line | Line | |
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB |
| 1 | 1587.975 | 52.24 | 24.65 | 2.75 | 38.15 | 41.49 | 74.00 | -32.51 VERTICAL peak |
| 2 | 3318.471 | 50.64 | 28.94 | 4.02 | 37.57 | 46.03 | 74.00 | -27.97 VERTICAL peak |
| 3 | 4880.000 | 46.44 | 34.15 | 4.85 | 37.35 | 48.09 | 74.00 | -25.91 VERTICAL peak |
| 4 | 6954.852 | 45.43 | 35.04 | 5.86 | 37.14 | 49.19 | 74.00 | -24.81 VERTICAL peak |
| 5 | 7320.000 | 44.54 | 36.07 | 5.98 | 37.18 | 49.41 | 74.00 | -24.59 VERTICAL peak |
| 6 | 9152.479 | 44.87 | 37.85 | 6.68 | 37.13 | 52.27 | 74.00 | -21.73 VERTICAL peak |

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Test Mode: 00; Polarity: Horizontal; Modulation:GFSK; Channel:middle



| Freq | Read | Antenna | Cable | Preamp | Limit | | Over | Remark | |
|------|----------|---------|--------|--------|--------|--------|--------|--------|-----------------|
| | Freq | Level | Factor | Loss | Factor | Level | Line | | |
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 1390.276 | 53.37 | 24.24 | 2.65 | 38.49 | 41.77 | 74.00 | -32.23 | HORIZONTAL peak |
| 2 | 4456.315 | 46.15 | 34.00 | 4.61 | 37.45 | 47.31 | 74.00 | -26.69 | HORIZONTAL peak |
| 3 | 4880.000 | 46.49 | 34.15 | 4.85 | 37.35 | 48.14 | 74.00 | -25.86 | HORIZONTAL peak |
| 4 | 6954.852 | 44.39 | 35.04 | 5.86 | 37.14 | 48.15 | 74.00 | -25.85 | HORIZONTAL peak |
| 5 | 7320.000 | 44.32 | 36.07 | 5.98 | 37.18 | 49.19 | 74.00 | -24.81 | HORIZONTAL peak |
| 6 | 9152.479 | 44.13 | 37.85 | 6.68 | 37.13 | 51.53 | 74.00 | -22.47 | HORIZONTAL peak |

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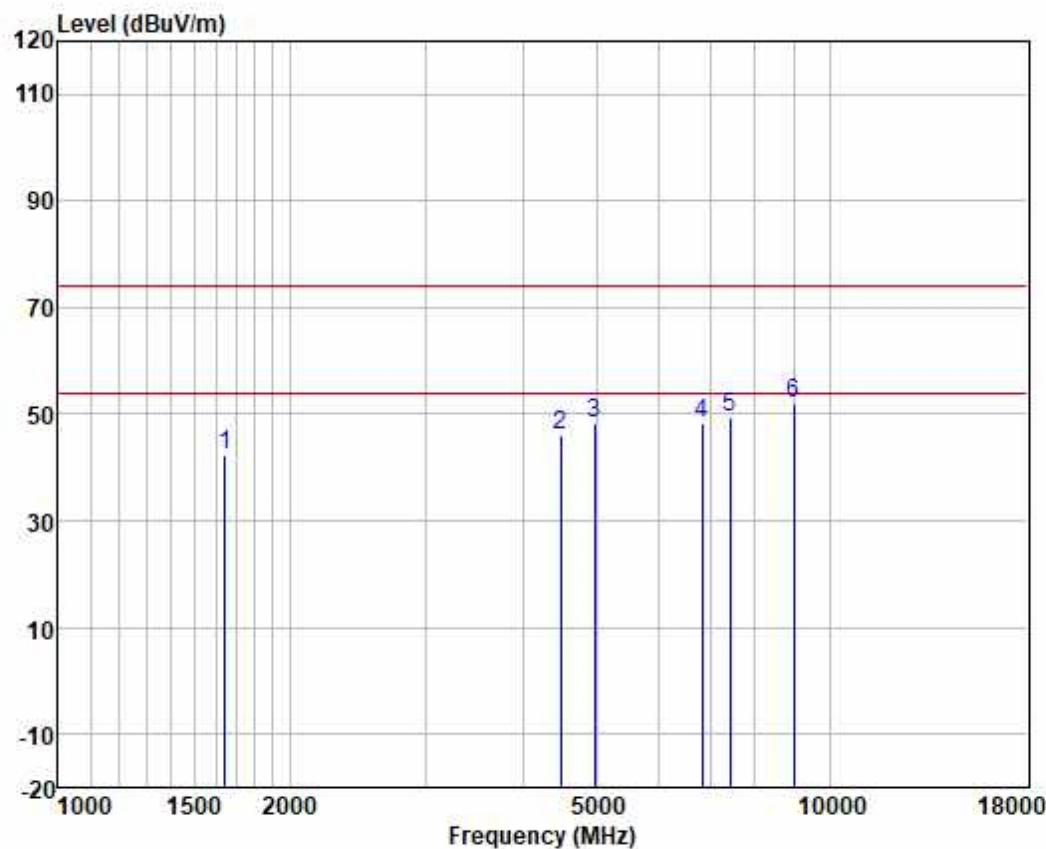
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中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com

Test Mode: 00; Polarity: Vertical; Modulation:GFSK; Channel:High



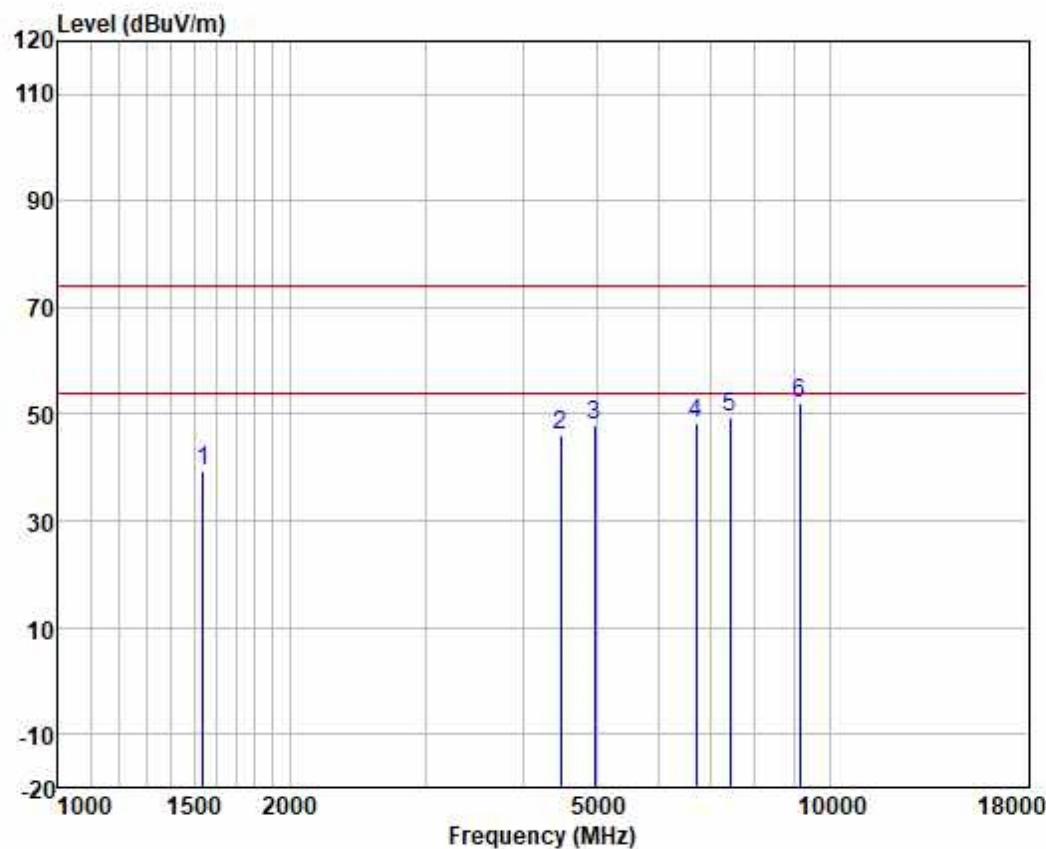
| Freq | ReadAntenna | | Cable | | Preamp Loss Factor | Level | Limit Line | Over Limit | Over Line Pol/Phase | Remark |
|------|-------------|-----------------|-------|------|-----------------------|-------|---------------|---------------|---------------------------|--------|
| | Freq | Level Factor | MHz | dBuV | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 1644.019 | 52.95 | 24.84 | 2.79 | 38.08 | 42.50 | 74.00 | -31.50 | VERTICAL | peak |
| 2 | 4482.150 | 44.93 | 34.12 | 4.62 | 37.44 | 46.23 | 74.00 | -27.77 | VERTICAL | peak |
| 3 | 4960.000 | 46.43 | 34.15 | 4.89 | 37.32 | 48.15 | 74.00 | -25.85 | VERTICAL | peak |
| 4 | 6835.278 | 44.82 | 34.79 | 5.81 | 37.13 | 48.29 | 74.00 | -25.71 | VERTICAL | peak |
| 5 | 7440.000 | 44.30 | 36.33 | 6.02 | 37.18 | 49.47 | 74.00 | -24.53 | VERTICAL | peak |
| 6 | 8995.123 | 44.97 | 37.59 | 6.57 | 37.15 | 51.98 | 74.00 | -22.02 | VERTICAL | peak |

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Test Mode: 00; Polarity: Horizontal; Modulation:GFSK; Channel:High



| Freq | ReadAntenna | | Cable | | Preamp | | Limit Line | Over Limit | Over Limit Pol/Phase | Remark |
|------|-------------|--------------|-------|--------|--------|--------|------------|------------|----------------------|--------|
| | Freq | Level Factor | Loss | Factor | Level | dBuV/m | | | | |
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | | |
| 1 | 1542.733 | 50.23 | 24.53 | 2.72 | 38.23 | 39.25 | 74.00 | -34.75 | HORIZONTAL | peak |
| 2 | 4482.150 | 44.70 | 34.12 | 4.62 | 37.44 | 46.00 | 74.00 | -28.00 | HORIZONTAL | peak |
| 3 | 4960.000 | 46.32 | 34.15 | 4.89 | 37.32 | 48.04 | 74.00 | -25.96 | HORIZONTAL | peak |
| 4 | 6717.762 | 45.37 | 34.42 | 5.75 | 37.12 | 48.42 | 74.00 | -25.58 | HORIZONTAL | peak |
| 5 | 7440.000 | 44.17 | 36.33 | 6.02 | 37.18 | 49.34 | 74.00 | -24.66 | HORIZONTAL | peak |
| 6 | 9152.479 | 44.51 | 37.85 | 6.68 | 37.13 | 51.91 | 74.00 | -22.09 | HORIZONTAL | peak |



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7.4 Conducted Peak Output Power

Test Requirement 47 CFR Part 15, Subpart C 15.247(b)(3)

Test Method: ANSI C63.10 (2013) Section 11.9.1

Limit:

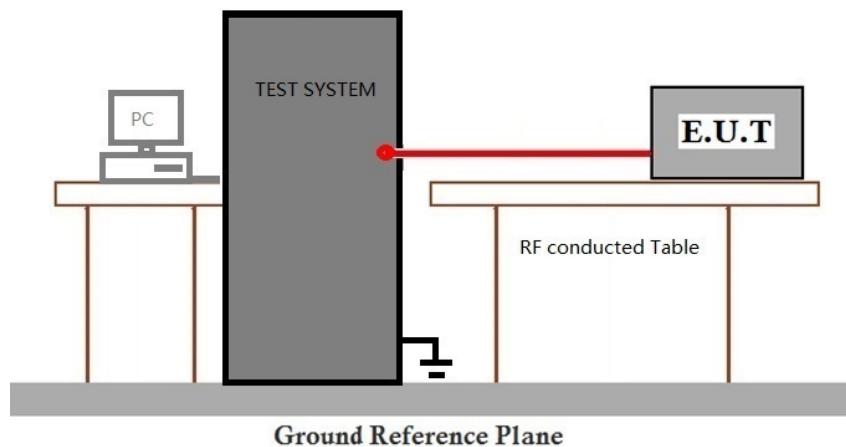
| Frequency range(MHz) | Output power of the intentional radiator(watt) |
|----------------------|--|
| 902-928 | 1 for ≥ 50 hopping channels |
| | 0.25 for $25 \leq$ hopping channels < 50 |
| | 1 for digital modulation |
| 2400-2483.5 | 1 for ≥ 75 non-overlapping hopping channels |
| | 0.125 for all other frequency hopping systems |
| | 1 for digital modulation |
| 5725-5850 | 1 for frequency hopping systems and digital modulation |

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 21.3 °C Humidity: 59.2 % RH Atmospheric Pressure: 1004 mbar

7.4.2 Test Setup Diagram



7.4.3 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

Please Refer to Appendix for Details



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7.5 Minimum 6dB Bandwidth

Test Requirement 47 CFR Part 15, Subpart C 15.247a(2)

Test Method: ANSI C63.10 (2013) Section 11.8.1

Limit: ≥ 500 kHz

7.5.1 E.U.T. Operation

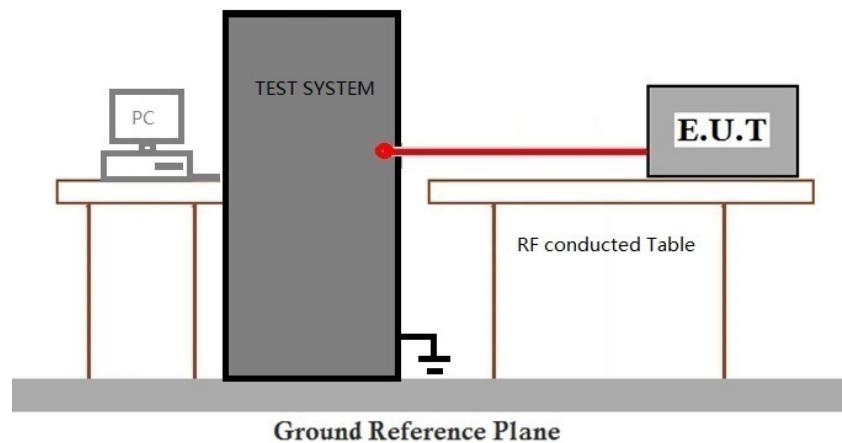
Operating Environment:

Temperature: 21.3 °C Humidity: 59.2 % RH Atmospheric Pressure: 1004 mbar

7.5.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|--------------------------|--------------|---|
| Final test | 00 | TX mode(1Mbps)_Keep the EUT in continuously transmitting mode with GFSK modulation. |

7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.6 Power Spectrum Density

Test Requirement 47 CFR Part 15, Subpart C 15.247(e)
Test Method: ANSI C63.10 (2013) Section 11.10.2
Limit: ≤8dBm in any 3 kHz band during any time interval of continuous transmission

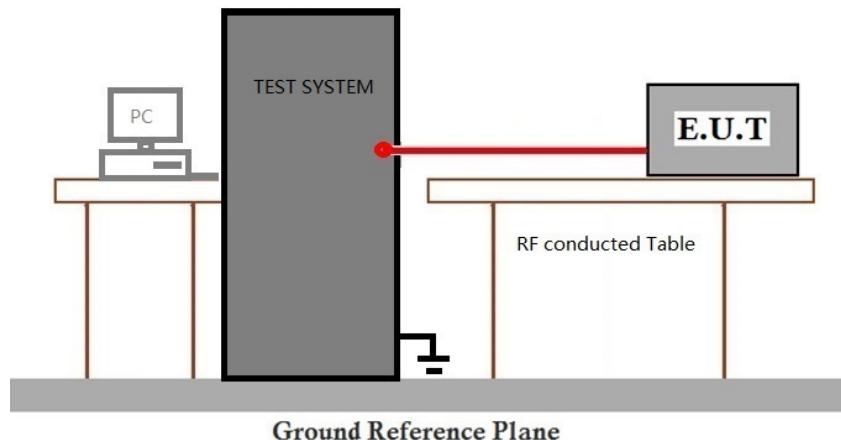
7.6.1 E.U.T. Operation

Operating Environment:
Temperature: 21.3 °C Humidity: 59.2 % RH Atmospheric Pressure: 1004 mbar

7.6.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|--------------------------|--------------|---|
| Final test | 00 | TX mode(1Mbps)_Keep the EUT in continuously transmitting mode with GFSK modulation. |

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.7 Conducted Band Edges Measurement

Test Requirement 47 CFR Part 15, Subpart C 15.247(d)

Test Method: ANSI C63.10 (2013) Section 11.13.3.2

Limit:

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated 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, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 21.3 °C Humidity: 59.2 % RH Atmospheric Pressure: 1004 mbar

7.7.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|--------------------------|--------------|---|
| Final test | 00 | TX mode(1Mbps)_Keep the EUT in continuously transmitting mode with GFSK modulation. |

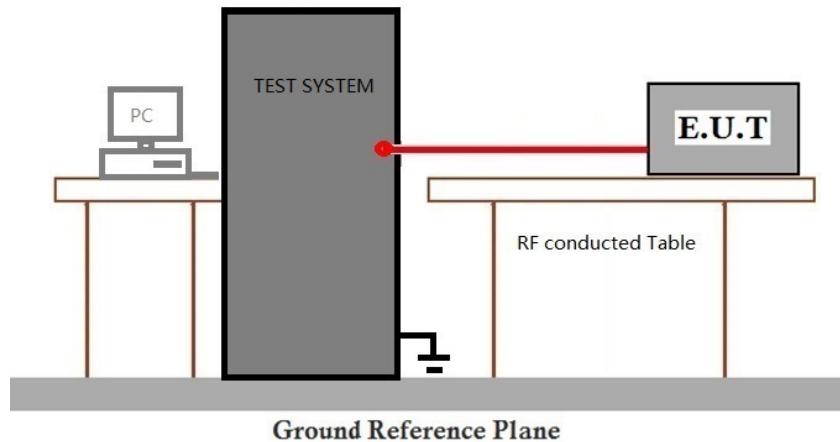


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7.7.3 Test Setup Diagram**7.7.4 Measurement Procedure and Data**

Please Refer to Appendix for Details



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8 Test Setup Photo

Refer to Setup Photos for GZCR250500076202



9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for GZCR2505000762AT



10 Appendix

1. Duty Cycle

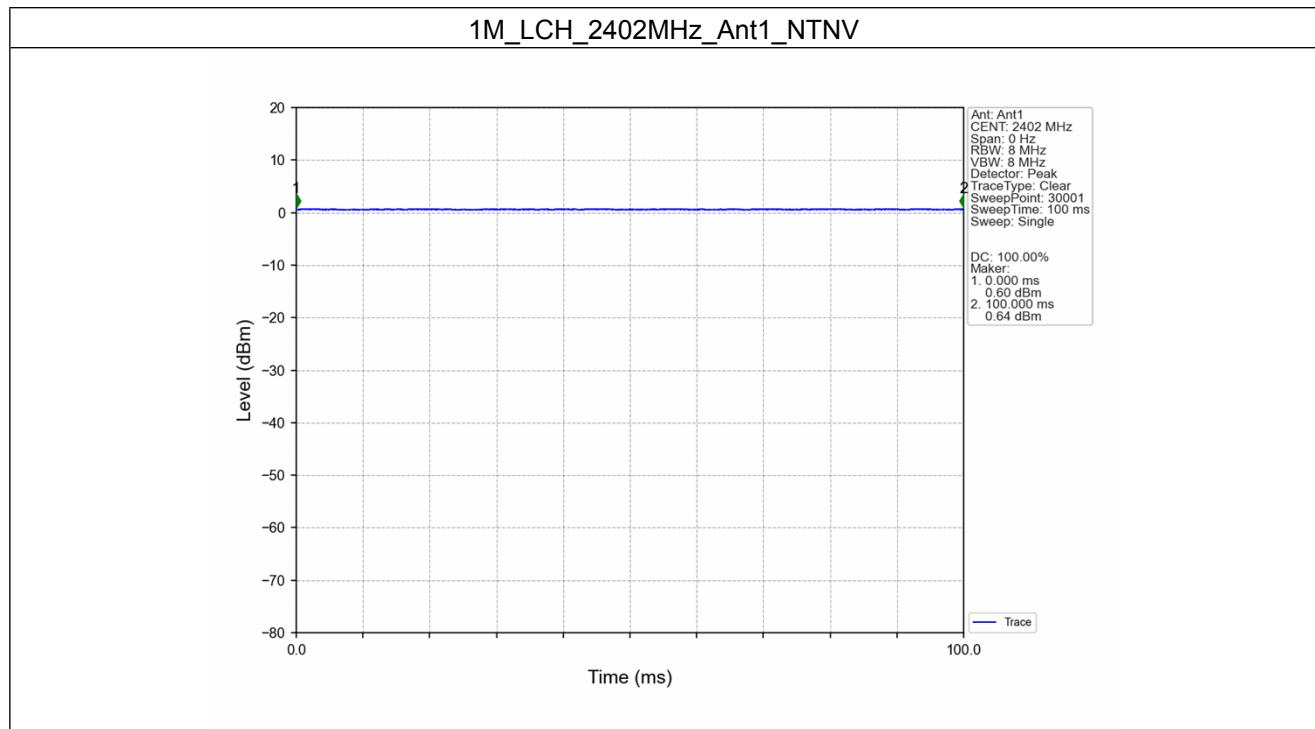
1.1 Test Result

1.1.1 Ant1

| Ant1 | | | | | | | |
|------|---------|-----------------|-----------|-------------|----------------|-----------------------------------|-----------------------|
| Mode | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 1M | SISO | 2402 | 100.000 | 100.000 | 100.00 | 0.00 | 0.00 |
| | | 2440 | 100.000 | 100.000 | 100.00 | 0.00 | 0.00 |
| | | 2480 | 100.000 | 100.000 | 100.00 | 0.00 | 0.00 |

1.2 Test Graph

1.2.1 Ant1



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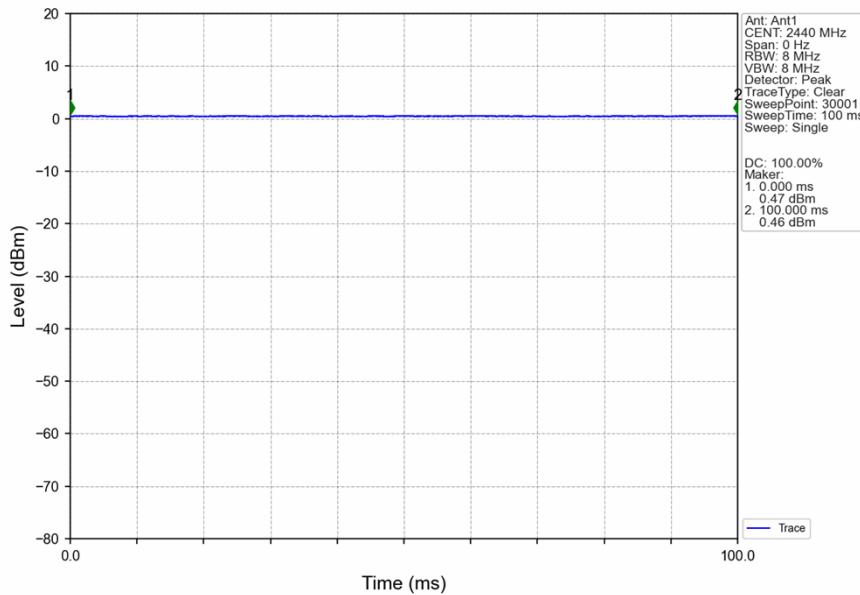
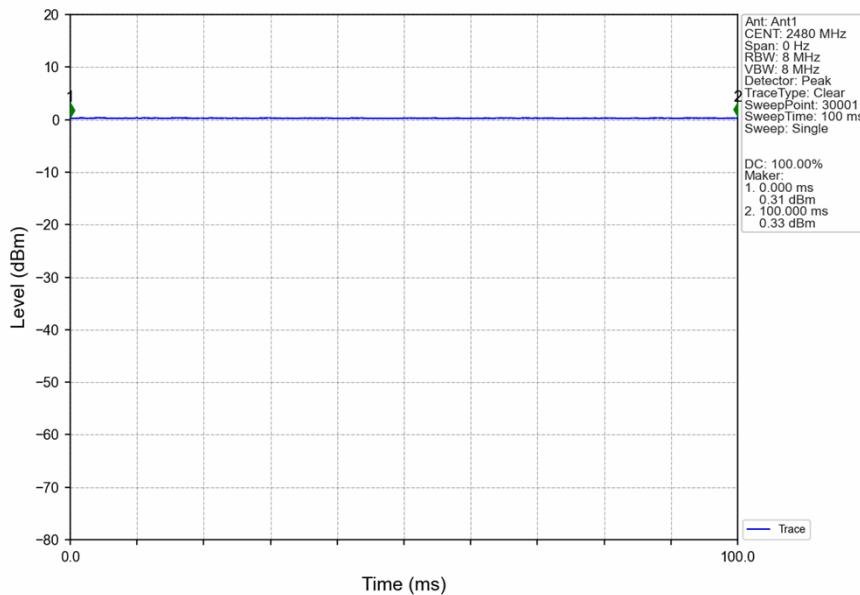
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1M_MCH_2440MHz_Ant1_NTNV**1M_HCH_2480MHz_Ant1_NTNV**

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2. Bandwidth

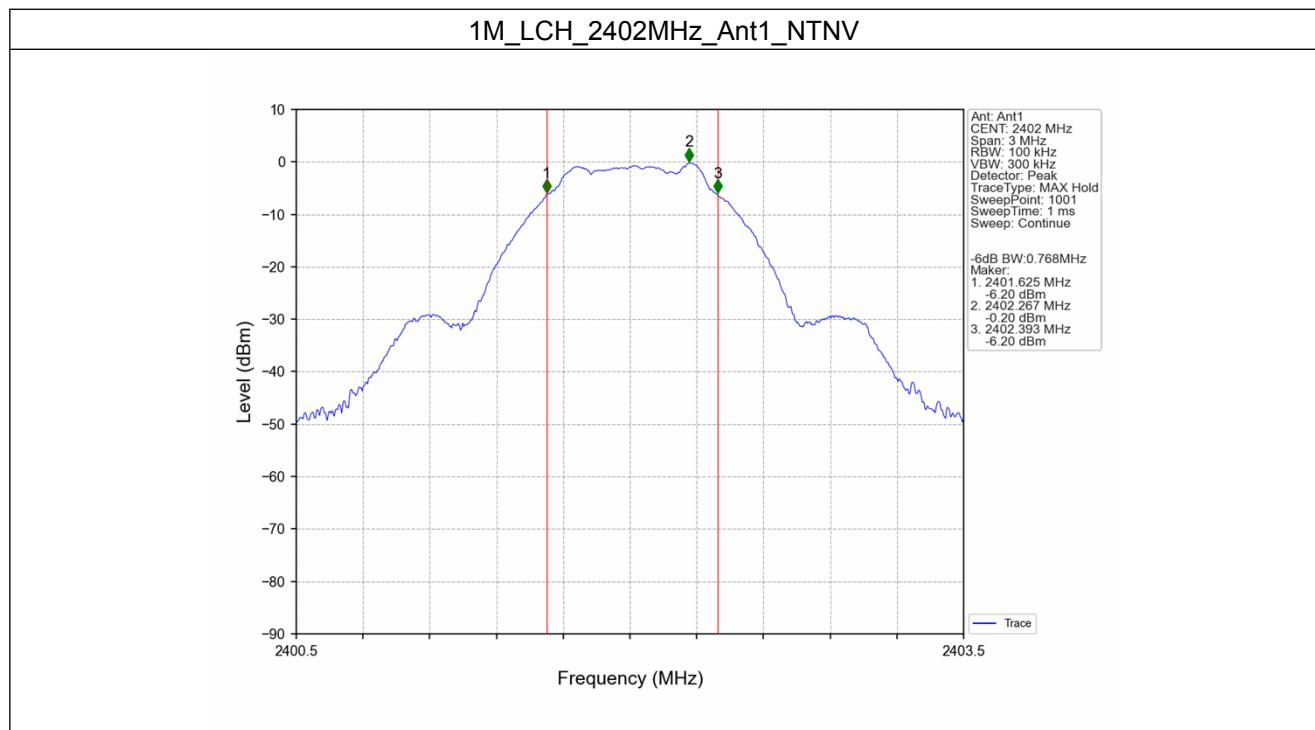
2.1 Test Result

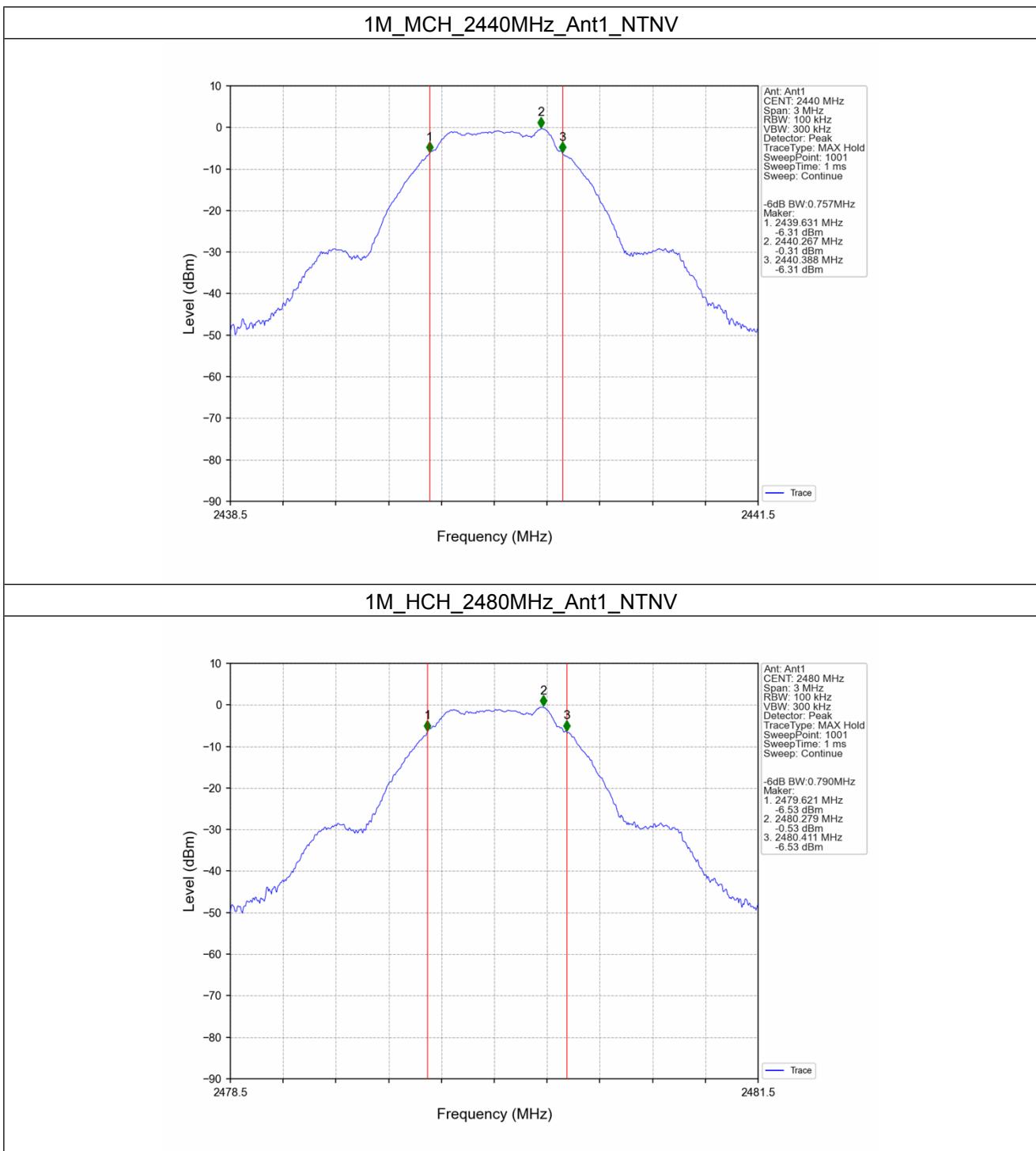
2.1.1 6dB BW

| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) | | Verdict |
|------|---------|-----------------|-----|---------------------|-------|---------|
| | | | | Result | Limit | |
| 1M | SISO | 2402 | 1 | 0.768 | >=0.5 | Pass |
| | | 2440 | 1 | 0.757 | >=0.5 | Pass |
| | | 2480 | 1 | 0.790 | >=0.5 | Pass |

2.2 Test Graph

2.2.2 6dB BW





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3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

| Mode | TX Type | Frequency (MHz) | Maximum Peak Conducted Output Power (dBm) | | Verdict |
|------|---------|-----------------|---|-------|---------|
| | | | ANT1 | Limit | |
| 1M | SISO | 2402 | 0.63 | <=30 | Pass |
| | | 2440 | 0.52 | <=30 | Pass |
| | | 2480 | 0.34 | <=30 | Pass |



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4. Maximum Power Spectral Density

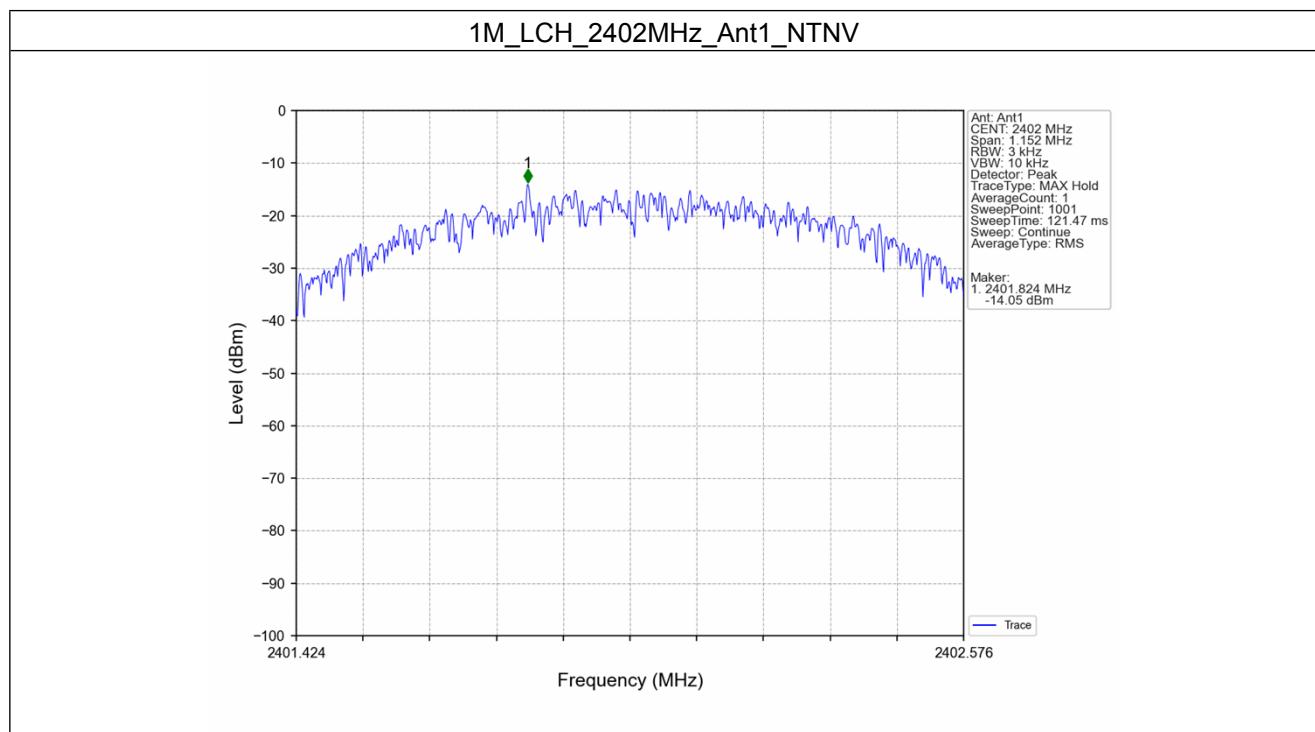
4.1 Test Result

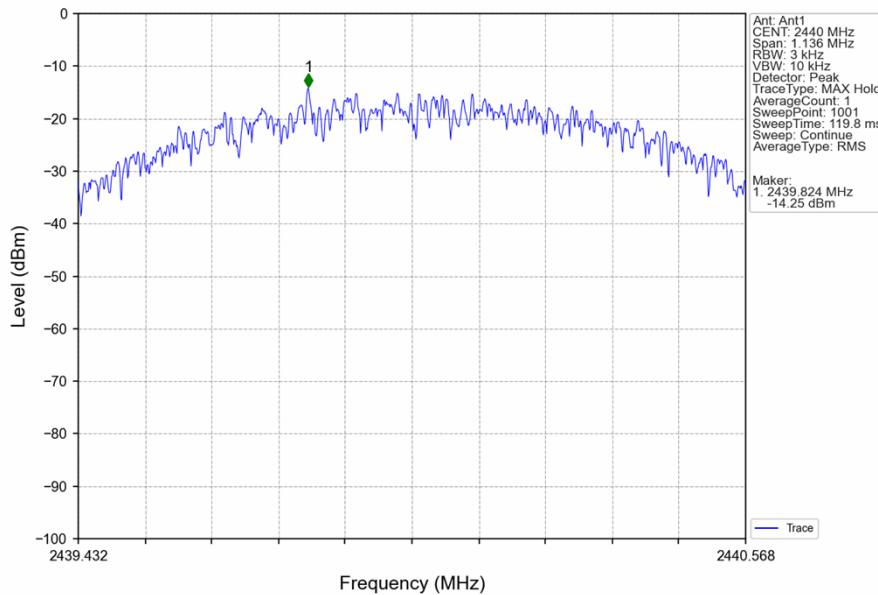
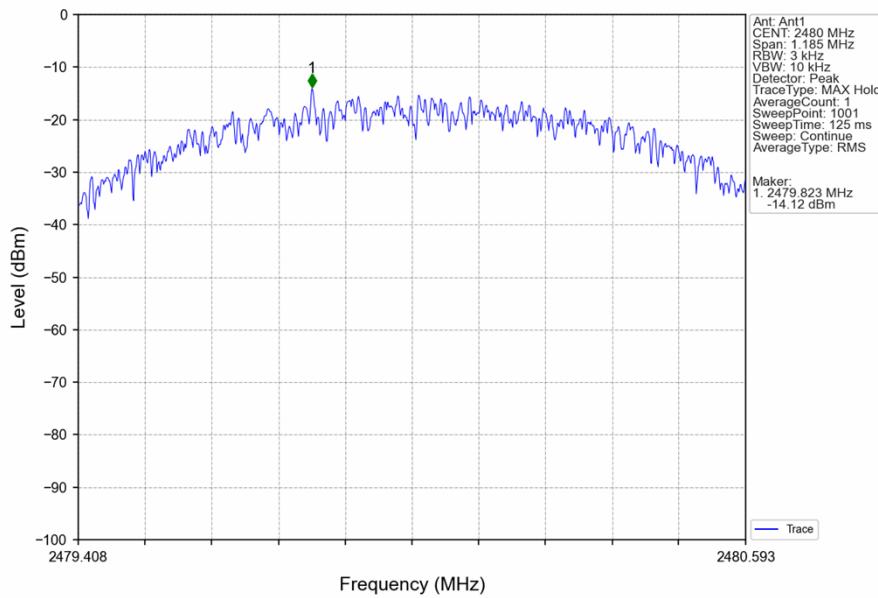
4.1.1 PSD

| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/3kHz) | | Verdict |
|------|---------|-----------------|------------------------|-------|---------|
| | | | ANT1 | Limit | |
| 1M | SISO | 2402 | -14.05 | <=8 | Pass |
| | | 2440 | -14.25 | <=8 | Pass |
| | | 2480 | -14.12 | <=8 | Pass |

4.2 Test Graph

4.2.1 PSD



1M_MCH_2440MHz_Ant1_NTNV**1M_HCH_2480MHz_Ant1_NTNV**

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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) |
|------|---------|-----------------|-----|--------------------------|
| 1M | SISO | 2402 | 1 | -0.20 |
| | | 2440 | 1 | -0.33 |
| | | 2480 | 1 | -0.55 |

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

5.1.2 CSE

| Mode | TX Type | Frequency (MHz) | ANT | Level of Reference (dBm) | Limit (dBm) | Verdict |
|------|---------|-----------------|-----|--------------------------|-------------|---------|
| 1M | SISO | 2402 | 1 | -0.20 | -20.20 | Pass |
| | | 2440 | 1 | -0.20 | -20.20 | Pass |
| | | 2480 | 1 | -0.20 | -20.20 | Pass |

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

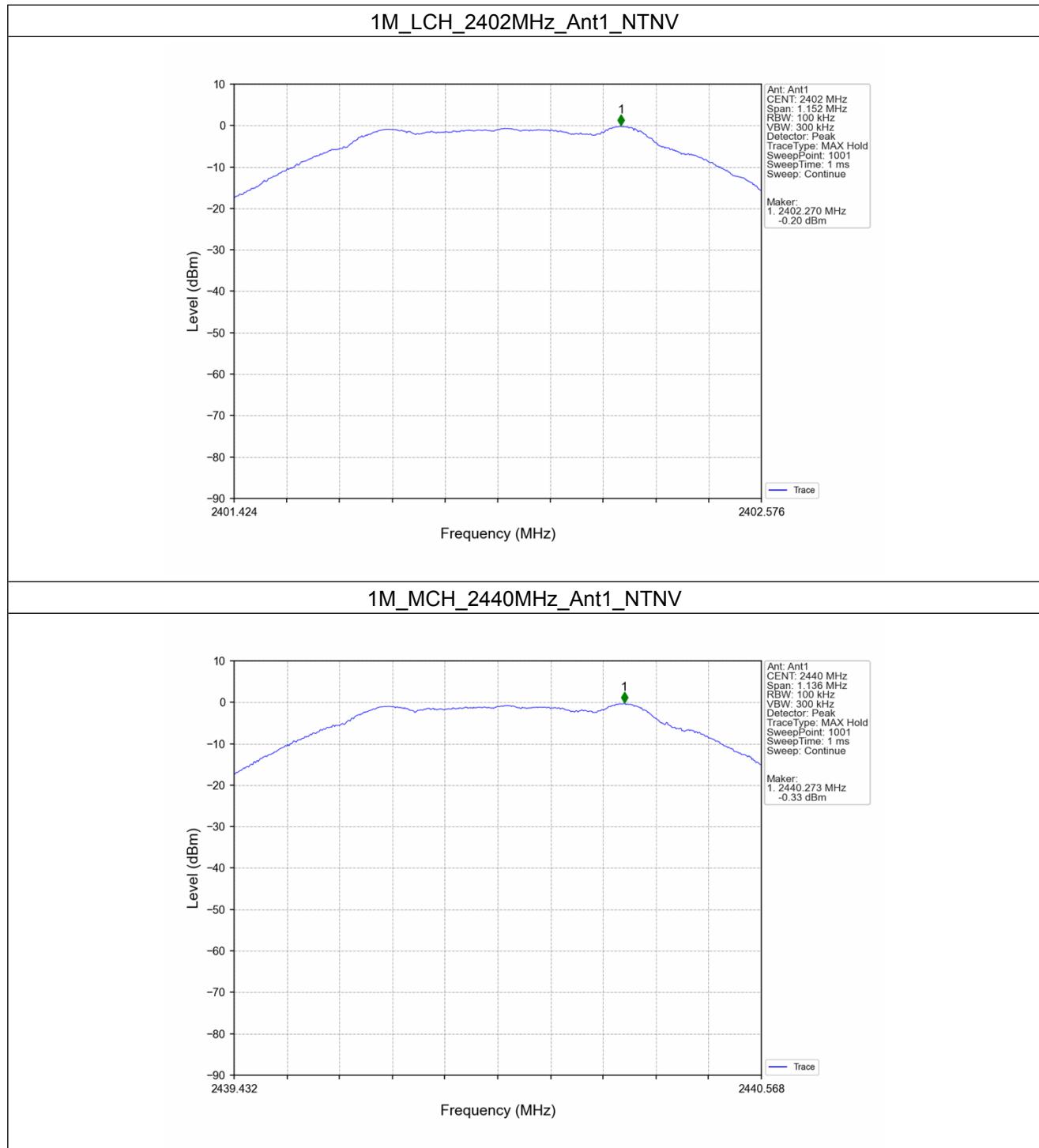


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5.2 Test Graph

5.2.1 Ref



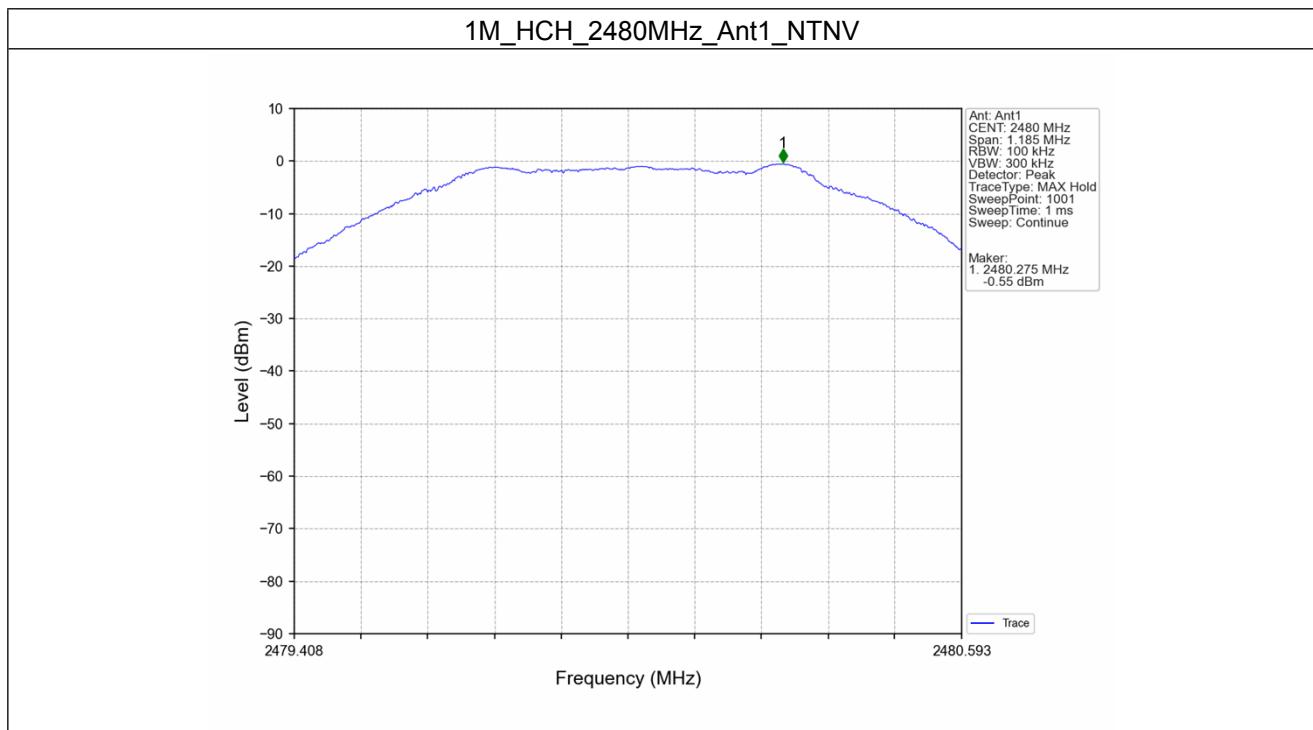
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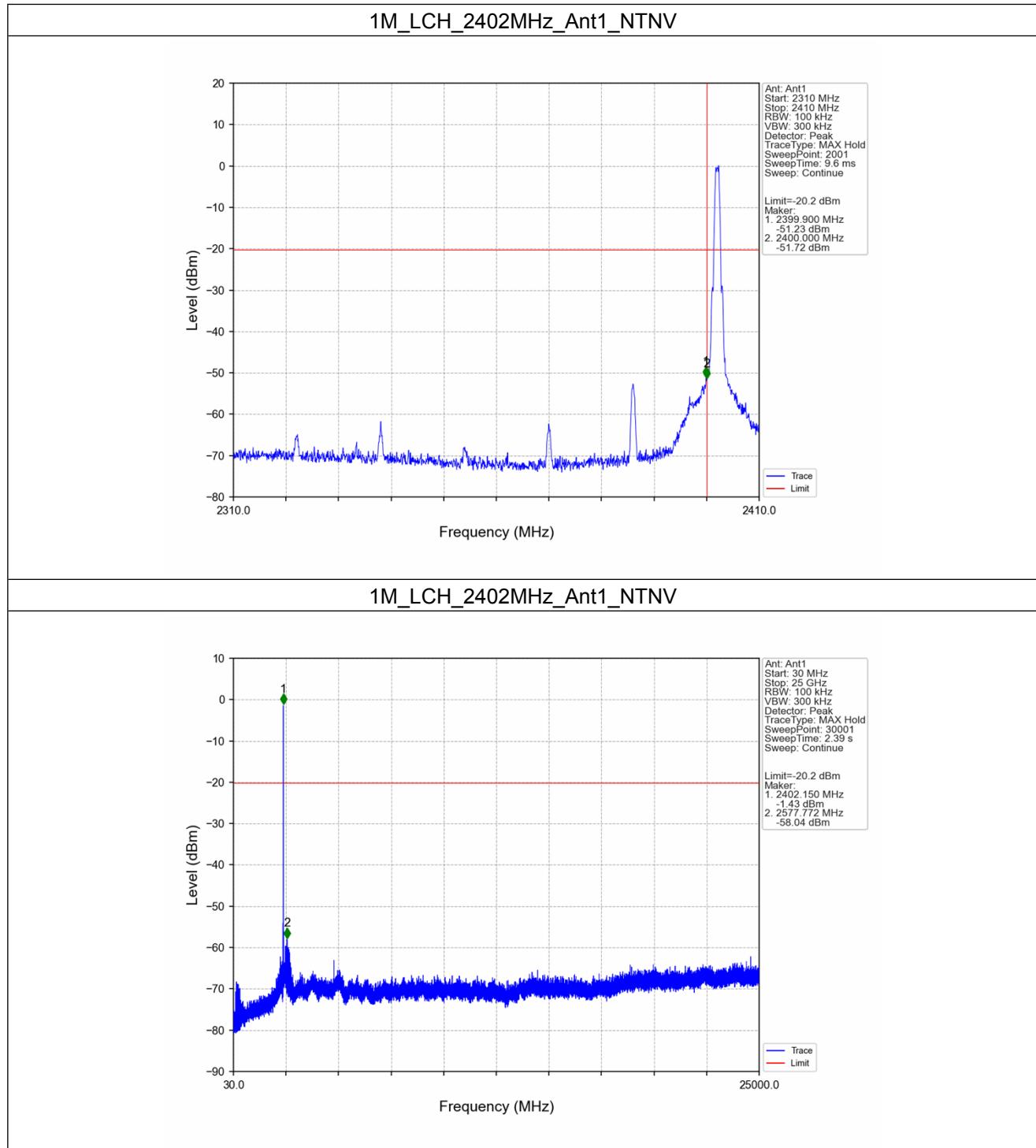
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5.2.2 CSE and Band Edges



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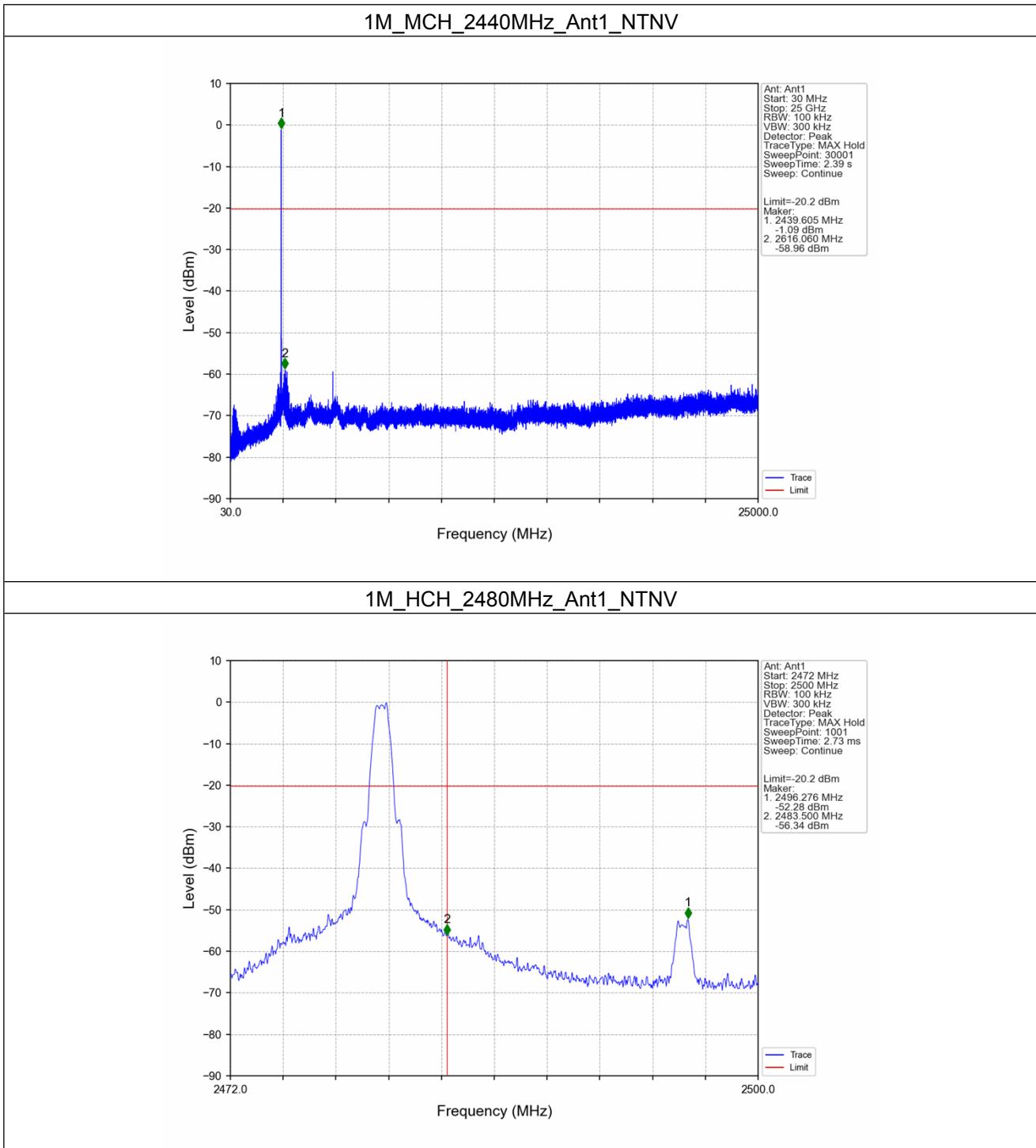
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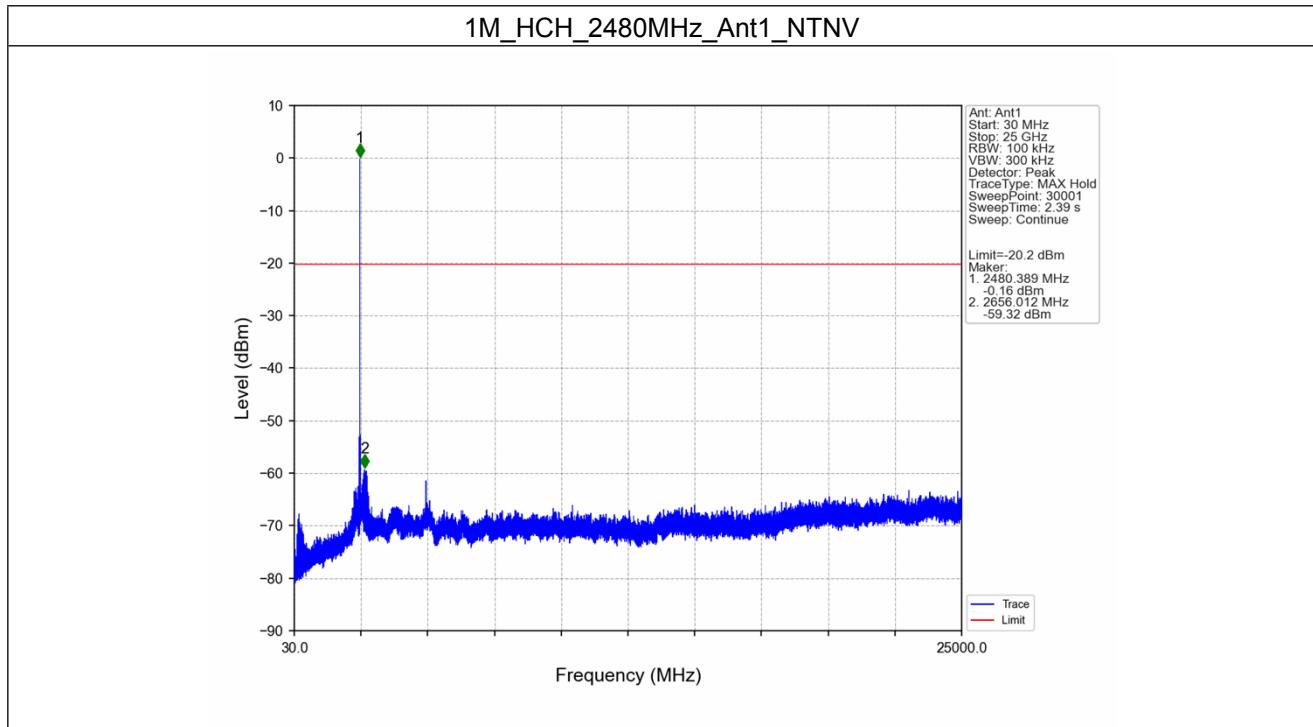


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