



FCC RADIO TEST REPORT

FCC ID : PY7-07452G

Equipment : GSM/WCDMA/LTE/5G Phone with BT, DTS/UNII

a/b/g/n/ac/ax, GPS, WPC and NFC

Brand Name : Sony

: Sony Corporation **Applicant**

1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan

: Sony Corporation Manufacturer

1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan

Standard : FCC Part 15 Subpart C §15.225

The product was received on Mar. 02, 2021 and testing was started from Mar. 04, 2021 and completed on Mar. 06, 2021. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Win

Reviewed by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

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Report Template No.: BU5-FR15CNFC Version 2.4 Report Version : 01

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History of this test report

Report No. : FR0D2212D

| Report No. | Version | Description | Issued Date |
|------------|---------|-------------------------|---------------|
| FR0D2212D | 01 | Initial issue of report | Apr. 09, 2021 |
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Summary of Test Result

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| Report Clause | Ref Std. Clause | Test Items | Result (PASS/FAIL) | Remark |
|------------------|---|---|--|--|
| 3.1 | 15.207 | AC Power Line Conducted Emissions | Pass | Under limit 15.92 dB at 0.571MHz |
| 3.2 | 15.215(c) | 20dB Spectrum Bandwidth | Pass | - |
| 3.2 | 2.1049 | 99% OBW Spectrum Bandwidth | Reporting only | - |
| 3.3 | 15.225(e) | Frequency Stability | Pass | - |
| 3.4 | 15.225(a)(b)(c) | Field Strength of Fundamental Emissions | Pass | Max level 18.45 dBµV/m at 13.560 MHz |
| 3.5 | 15.225(d) 15.209 Radiated Spurious Emissions Pass | | Under limit 3.22 dB at 40.680MHz | |
| 3.6 | 15.203 | Antenna Requirements | Pass | - |

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang

Report Producer: Tina Chuang

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1. General Description

1.1 Product Feature of Equipment Under Test

GSM/WCDMA/LTE, Bluetooth, DTS/UNII a/b/g/n/ac/ax, NFC, WPC/WPT, and GNSS.

| Standards-related Product Specification | | | |
|---|--|--------------|--|
| Antenna Type | | Loop Antenna | |

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Remark: The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.

| EUT Information List | | | | | |
|----------------------|-----------------------|------------|----------------------------|--|--|
| HW Version | HW Version SW Version | | Performed Test Item | | |
| | | QV7200UM6T | One directed Francisco | | |
| Δ. | 0.604 | QV7200GG6T | Conducted Emission | | |
| A | 0.694 | | Radiated Spurious Emission | | |
| | | QV7200UM6T | RF Conducted Measurement | | |

| Accessory List | | | | |
|----------------------|--|--|--|--|
| | Model Name : XQZ-UC1 | | | |
| AC Adapter | S/N: 0020W51300095 (for Radiated Spurious Emission) 0020W51300024 (for Conducted Emission) | | | |
| | Model Name : MH750 | | | |
| Earphone | S/N:N/A | | | |
| Blood and Franchisco | Model Name : SBH82D | | | |
| Bluetooth Earphone | S/N: N/A | | | |
| LICE Cable | Model Name : XQZ-UB1 | | | |
| USB Cable | S/N: N/A | | | |

Note:

- 1. Above EUT list used are electrically identical per declared by manufacturer.
- 2. Above the accessories list are used to exercise the EUT during test, and the serial number of each type of accessories is listed in each section of this report.
- 3. For other wireless features of this EUT, test report will be issued separately.

1.2 Modification of EUT

No modifications are made to the EUT during all test items.

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1.3 Testing Location

| Test Site | Sporton International Inc. EMC & Wireless Communications Laboratory | | | |
|---|---|---------|--------------------|--|
| No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978 | | | | |
| Test Site No. | Sporton Site No. | | | |
| rest site No. | TH03-HY | CO05-HY | 03CH07-HY | |
| Test Engineer | Oscar Chi | Tom Lee | Stan Hsieh, Ken Wu | |
| Temperature | 22~24 | 23~26 | 23~25 | |
| Relative Humidity 53~55 40~50 | | | 52~56 | |

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Note: The test site complies with ANSI C63.4 2014 requirement.

FCC designation No.: TW1190

1.4 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15 Subpart C §15.225
- FCC KDB 414788 D01 Radiated Test Site v01r01
- ANSI C63.10-2013

Remark:

- 1. All test items were verified and recorded according to the standards and without any deviation during the test.
- 2. The TAF code is not including all the FCC KDB listed without accreditation.
- 3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

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2. Test Configuration of Equipment Under Test

2.1 Descriptions of Test Mode

Investigation has been done on all the possible configurations.

The following table is a list of the test modes shown in this test report.

| Test Items | | | |
|-----------------------------------|---|--|--|
| AC Power Line Conducted Emissions | Field Strength of Fundamental Emissions | | |
| 20dB Spectrum Bandwidth | Frequency Stability | | |
| Radiated Emissions 9kHz~30MHz | Radiated Emissions 30MHz~1GHz | | |

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The NFC test is performed with app "NFC PRBS Test Mode" installed in the mobile phone. It can enable continuous transmission with type F tag respectively.

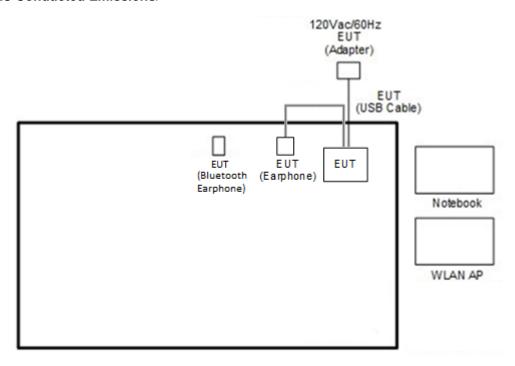
The EUT pre-scanned in four NFC type, A, B, F, V. The worst type (type F) was recorded in this report. Pre-scanned tests, X, Y, Z in three orthogonal panels to determine the final configuration (Z plane as worst plane) from all possible combinations.

| | Test Cases | | | | | | |
|-----------|---|--|--|--|--|--|--|
| AC | Mode 1:NFC Tx + Bluetooth Link + WLAN (2.4GHz) Link + SD Card + USB Cable | | | | | | |
| Conducted | (Charging from AC Adapter) + Earphone + Battery | | | | | | |
| Emission | (enalying nem / e / dapter) / Larphone / Laren | | | | | | |

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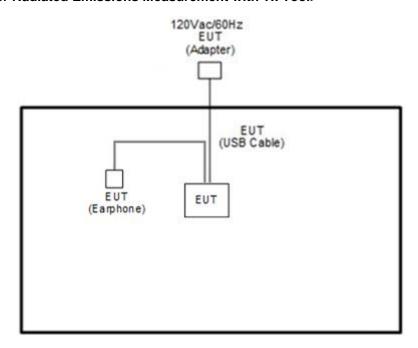
2.2 Connection Diagram of Test System

<AC Conducted Emissions>



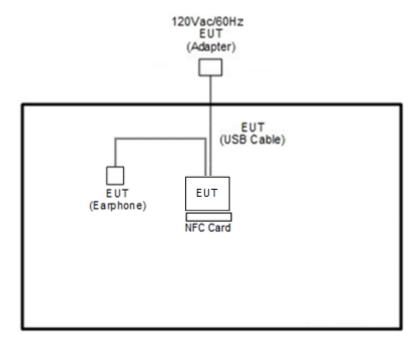
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<For Radiated Emissions Measurement with Tx Tool>



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<For Radiated Emissions Measurement with NFC Card>



2.3 Table for Supporting Units

| Item | Equipment | Brand Name | Model Name | FCC ID | Data Cable | Power Cord |
|------|-----------|------------|---------------|-------------|------------|--|
| 1. | WLAN AP | ASUS | RT-AC66U | MSQ-RTAC66U | N/A | Unshielded, 1.8 m |
| 2. | SD Card | SanDisk | MicroSD HC | FCC DoC | N/A | N/A |
| 3. | Notebook | Dell | Latitude 3400 | FCC DOC | N/A | AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8m |
| 4. | NFC Card | N/A | N/A | N/A | N/A | N/A |

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2.4 EUT Operation Test Setup

The EUT was programmed to be in continuously transmitting mode.

The ancillary equipment, NFC card, is used to make the EUT (NFC) continuously transmitting signal (Power Level: Default) at 13.56MHz and is placed around 2 cm gap to the EUT.

The RF test items, utility "NFC PRBS Test Mode" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level (Power setting: Default), data rate (Type F Bit Rate: 424kbps) and the application type and for continuous transmitting signals.

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3. Test Results

3.1 AC Power Line Conducted Emissions Measurement

3.1.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

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| Frequency of Emission | Conducted I | Limit (dΒμV) |
|-----------------------|-------------|--------------|
| (MHz) | Quasi-Peak | Average |
| 0.15-0.5 | 66 to 56* | 56 to 46* |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

^{*}Decreases with the logarithm of the frequency.

For terminal test result, the testing follows FCC KDB 174176.

3.1.2 Measuring Instruments

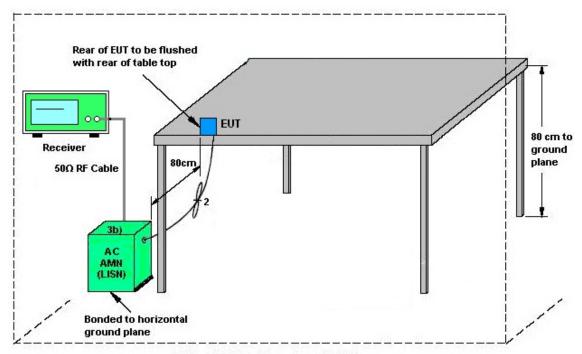
See list of measuring equipment of this test report.

3.1.3 Test Procedures

- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it was kept at least 80 centimeters from any other grounded conducting surface.
- 2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- 3. All the support units are connecting to the other LISN.
- 4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- 5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
- 6. Both sides of AC line were checked for maximum conducted interference.
- 7. The frequency range from 150 kHz to 30 MHz was searched.
- 8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

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3.1.4 Test setup



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AMN = Artificial mains network (LISN)

AE = Associated equipment

EUT = Equipment under test

ISN = Impedance stabilization network

3.1.5 Test Result of AC Conducted Emission

Please refer to Appendix A.

Note:

(1) with antenna

Remark: 13.560MHz is the NFC RF fundamental signal.

(2) with dummy load

Remark: Only the fundamental NFC signal needs to be retested per C63.4.

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3.2 20dB and 99% OBW Spectrum Bandwidth Measurement

3.2.1 Limit

Intentional radiators must be designed to ensure that the 20 dB and 99% emission bandwidth in the specific band 13.553~13.567 MHz.

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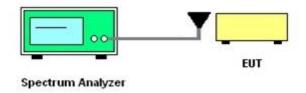
3.2.2 Measuring Instruments

See list of measuring instruments of this test report.

3.2.3 Test Procedures

- The spectrum analyzer connected via a receive antenna placed near the EUT in peak Max Hold Mode.
- 2. The resolution bandwidth of 1 kHz and the video bandwidth of 3 kHz were used.
- 3. Measured the spectrum width with power higher than 20 dB below carrier.
- 4. Measured the 99% OBW.

3.2.4 Test Setup



3.2.5 Test Result of Conducted Test Items

Please refer to Appendix B.

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3.3 Frequency Stability Measurement

3.3.1 Limit

The frequency tolerance of the carrier signal shall be maintained within +/- 0.01% (100ppm) of the operating frequency over a temperature variation of -20 degrees to +50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed by using a new battery.

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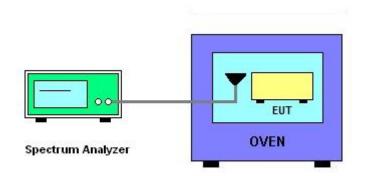
3.3.2 Measuring Instruments

See list of measuring instruments of this test report.

3.3.3 Test Procedures

- 1. The spectrum analyzer connected via a receive antenna placed near the EUT.
- 2. EUT has transmitted signal and fixed channelize.
- 3. Set the spectrum analyzer span to view the entire emissions bandwidth.
- 4. Set RBW = 1 kHz, VBW = 3 kHz with peak detector and maxhold settings.
- 5. The fc is declaring of channel frequency. Then the frequency error formula is $(fc-f)/fc \times 10^6$ ppm and the limit is less than ± 100 ppm.
- 6. Extreme temperature rule is -20°C~50°C.

3.3.4 Test Setup



3.3.5 Test Result of Conducted Test Items

Please refer to Appendix B.

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3.4 Field Strength of Fundamental Emissions and Mask Measurement

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3.4.1 Limit

| Rules and specifications | FCC CFR 47 Part 15 section 15.225 | | | | |
|---------------------------|---|-----------------|-----------------|----------------|--|
| Description | Compliance with the spectrum mask is tested with RBW set to 9kHz. | | | | |
| From of Francisco (MIII-) | Field Strength | Field Strength | Field Strength | Field Strength | |
| Freq. of Emission (MHz) | (µV/m) at 30m | (dBµV/m) at 30m | (dBµV/m) at 10m | (dBµV/m) at 3m | |
| 1.705~13.110 | 30 | 29.5 | 48.58 | 69.5 | |
| 13.110~13.410 | 106 | 40.5 | 59.58 | 80.5 | |
| 13.410~13.553 | 334 | 50.5 | 69.58 | 90.5 | |
| 13.553~13.567 | 15848 | 84.0 | 103.08 | 124.0 | |
| 13.567~13.710 | 334 | 50.5 | 69.58 | 90.5 | |
| 13.710~14.010 | 106 | 40.5 | 59.58 | 80.5 | |
| 14.010~30.000 | 30 | 29.5 | 48.58 | 69.5 | |

Remark:

3.4.2 Measuring Instruments

See list of measuring instruments of this test report.

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^{1.} The field strength test result is in 3m test distance, follow test rules the test data use distance extrapolation factor and reported in this report at 30m test result.

^{2.} Distance extrapolation factor = 40 log (specific distance / test distance) (dB)

3.4.3 Test Procedures

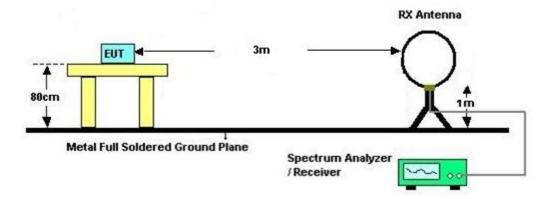
 Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the loop receiving antenna mounted antenna tower was placed 3 meters far away from the turntable.

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- Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the receiving antenna was fixed at one meter above ground to find the maximum emissions field strength.
- 4. For Fundamental emissions, use the receiver to measure QP reading.
- 5. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.
- Compliance with the spectrum mask is tested with RBW set to 9 kHz.
 Note: Emission level (dBμV/m) = 20 log Emission level (μV/m).

3.4.4 Test Setup

For radiated test below 30MHz



3.4.5 Test Result of Field Strength of Fundamental Emissions and Mask

Please refer to Appendix C.

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3.5 Radiated Emissions Measurement

3.5.1 Limit

The field strength of any emissions which appear outside of 13.110 ~14.010MHz band shall not exceed the general radiated emissions limits.

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| Frequencies | Field Strength | Measurement Distance | | | |
|-------------|----------------|----------------------|--|--|--|
| (MHz) | (μV/m) | (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 | | | |

3.5.2 Measuring Instruments

See list of measuring instruments of this test report.

3.5.3 Measuring Instrument Setting

The following table is the setting of receiver:

| Receiver Parameter | Setting |
|--------------------------------|---------------------|
| Attenuation | Auto |
| Frequency Range: 9kHz~150kHz | RBW 200Hz for QP |
| Frequency Range: 150kHz~30MHz | RBW 9kHz for QP |
| Frequency Range: 30MHz~1000MHz | RBW 120kHz for Peak |

Note: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz and 110-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

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3.5.4 Test Procedures

 Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.

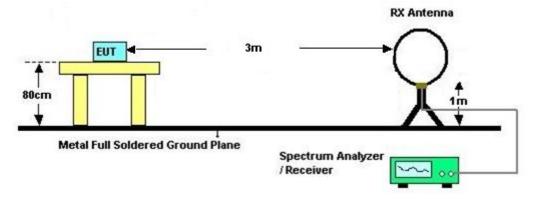
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- Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- 5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.
- 7. In case the emission is lower than 30 MHz, loop antenna has to be used for measurement and the recorded data shall be QP measured by receiver.

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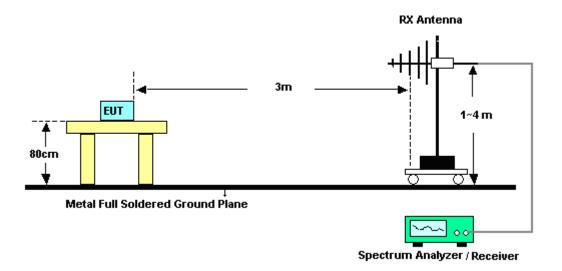
3.5.5 Test Setup

For radiated test below 30MHz



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For radiated test above 30MHz



3.5.6 Test Result of Radiated Emissions Measurement

Please refer to Appendix C.

Remark:

- There is a comparison data of both open-field test site and alternative test site semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.
- **2.** According to C63.10 radiated Test, the EUT pre-scanned horizontal, vertical, and ground-parallel three polarization's, the worst case is horizontal & vertical polarization, test data of two mode was reported.

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3.6 Antenna Requirements

3.6.1 Standard Applicable

Except for special regulations, the Low-power Radio-frequency Devices must not be equipped with any jacket for installing an antenna with extension cable. 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 shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited.

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The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

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4. List of Measuring Equipment

| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|-------------------|--------------------|-----------------------------|-----------------|-----------------------|---------------------|---------------------------------|---------------|--------------------------|
| AC Power Source | ChainTek | APC-1000W | N/A | N/A | N/A | Mar. 04, 2021 | N/A | Conduction (CO05-HY) |
| EMI Test Receiver | Rohde & Schwarz | ESR3 | 102388 | 9kHz~3.6GHz | Nov. 30, 2020 | Mar. 04, 2021 | Nov. 29, 2021 | Conduction (CO05-HY) |
| Hygrometer | Testo | 608-H1 | 34913912 | N/A | Nov. 18, 2020 | Mar. 04, 2021 | Nov. 17, 2021 | Conduction (CO05-HY) |
| LISN | Rohde & Schwarz | ENV216 | 100081 | 9kHz~30MHz | Nov. 16, 2020 | Mar. 04, 2021 | Nov. 15, 2021 | Conduction (CO05-HY) |
| Software | Rohde & Schwarz | EMC32 V10.30 | N/A | N/A | N/A | Mar. 04, 2021 | N/A | Conduction (CO05-HY) |
| LISN Cable | MVE | RG-400 | 260260 | N/A | Dec. 31, 2020 | Mar. 04, 2021 | Dec. 30, 2021 | Conduction (CO05-HY) |
| Pulse Limiter | Rohde & Schwarz | ESH3-Z2 | 100851 | N/A | Feb. 25, 2021 | Mar. 04, 2021 | Feb. 24, 2022 | Conduction (CO05-HY) |
| Bilog Antenna | TESEQ | CBL 6111D & 00800N1D01 N-06 | 35419 & 03 | 30MHz~1GHz | Apr. 29, 2020 | Mar. 05, 2021~ Mar. 06, 2021 | Apr. 28, 2021 | Radiation (03CH07-HY) |
| Preamplifier | COM-POWER | PA-103A | 161241 | 10MHz~1GHz | May 19, 2020 | Mar. 05, 2021~ Mar. 06, 2021 | May 18, 2021 | Radiation (03CH07-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 | MY24971/ 4, | 9kHz~18GHz | Feb. 24, 2021 | Mar. 05, 2021~ Mar. 06, 2021 | Feb. 23, 2022 | Radiation (03CH07-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 | MY28655/ 4, | 9kHz~18GHz | Feb. 24, 2021 | Mar. 05, 2021~ Mar. 06, 2021 | Feb. 23, 2022 | Radiation (03CH07-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 104 | MY15682/ 4 | 30MHz~18GHz | Feb. 24, 2021 | Mar. 05, 2021~ Mar. 06, 2021 | Feb. 23, 2022 | Radiation (03CH07-HY) |
| Controller | ChainTek | Chaintek 3000 | N/A | Control Turn table | N/A | Mar. 05, 2021~ Mar. 06, 2021 | N/A | Radiation (03CH07-HY) |
| Controller | Max-Full | MF7802 | MF780208 368 | Control Ant Mast | N/A | Mar. 05, 2021~ Mar. 06, 2021 | N/A | Radiation (03CH07-HY) |
| Antenna Mast | Max-Full | MFA520BS | N/A | 1m~4m | N/A | Mar. 05, 2021~ Mar. 06, 2021 | N/A | Radiation (03CH07-HY) |
| Turn Table | ChainTek | Chaintek 3000 | N/A | 0~360 Degree | N/A | Mar. 05, 2021~ Mar. 06, 2021 | N/A | Radiation (03CH07-HY) |
| USB Data Logger | TECPEL | TR-32 | HE17XB24 95 | N/A | N/A | Mar. 05, 2021~ Mar. 06, 2021 | N/A | Radiation (03CH07-HY) |
| EMI Test Receiver | Agilent | N9038A(MXE) | MY532900 53 | 20Hz~26.5GHz | May 21, 2020 | Mar. 05, 2021~ Mar. 06, 2021 | May 20, 2021 | Radiation (03CH07-HY) |
| Software | Audix | E3 6.2009-8-24 | N/A | N/A | N/A | Mar. 05, 2021~ Mar. 06, 2021 | N/A | Radiation (03CH07-HY) |
| Loop Antenna | Rohde & Schwarz | HFH2-Z2 | 100315 | 9 kHz~30 MHz | Jan. 04, 2021 | Mar. 05, 2021~ Mar. 06, 2021 | Jan. 03, 2022 | Radiation (03CH07-HY) |

Report No. : FR0D2212D

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| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|------------------------|--------------------|-----------|----------------|-----------------|---------------------|---------------|---------------|------------------------|
| AC Power Source | AC POWER | AFC-500W | F10407001 1 | 50Hz~60Hz | Apr. 09, 2020 | Mar. 05, 2021 | Apr. 08, 2021 | Conducted (TH03-HY) |
| Hygrometer | Testo | 608-H1 | 34913904 | N/A | Jul. 27, 2020 | Mar. 05, 2021 | Jul. 26, 2021 | Conducted (TH03-HY) |
| Spectrum Analyzer | Rohde & Schwarz | FSP30 | 101329 | 9kHz~30GHz | Sep. 03, 2020 | Mar. 05, 2021 | Sep. 02, 2021 | Conducted (TH03-HY) |
| Temperature Chamber | ESPEC | SH-641 | 92013720 | -40°C ~90°C | Sep. 14, 2020 | Mar. 05, 2021 | Sep. 13, 2021 | Conducted (TH03-HY) |

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5. Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

| Measuring Uncertainty for a Level of Confidence | 2.2 |
|---|-----|
| of 95% (U = 2Uc(y)) | 2.3 |

Report No.: FR0D2212D

Uncertainty of Radiated Emission Measurement (9 kHz ~ 30 MHz)

| Measuring Uncertainty for a Level of Confidence | 2.9 |
|---|-----|
| of 95% (U = 2Uc(y)) | 2.9 |

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

| Measuring Uncertainty for a Level of Confidence | 4.7 |
|---|-----|
| of 95% (U = 2Uc(y)) | 4.7 |

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Appendix A. Test Results of Conducted Emission Test

| Test Engineer : Tom Lee | Temperature : | 23~26 ℃ | |
|-------------------------|---------------|--------------------|--------|
| | TOTT Lee | Relative Humidity: | 40~50% |

Report No. : FR0D2212D

TEL: 886-3-327-3456 Page Number : A1 of A1

Original Report NO :

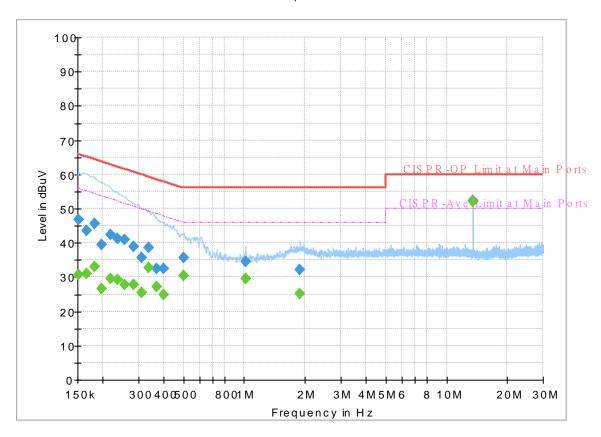
 Report NO :
 0D2212

 Test Mode :
 Mode 1

 Test Voltage :
 120Vac/60Hz

Phase: Line

Full Spectrum



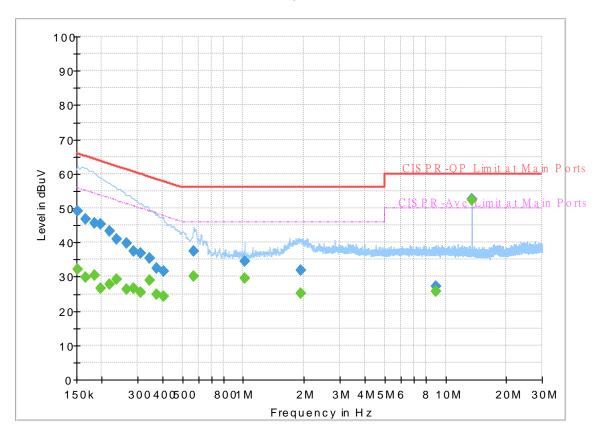
Final Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|--------------------|---------------------|--------------------|-----------------|----------------|------|--------|---------------|
| 0.152250 | | 30.64 | 55.88 | 25.24 | L1 | OFF | 19.7 |
| 0.152250 | 46.86 | | 65.88 | 19.02 | L1 | OFF | 19.7 |
| 0.165750 | | 31.09 | 55.17 | 24.08 | L1 | OFF | 19.7 |
| 0.165750 | 43.52 | | 65.17 | 21.65 | L1 | OFF | 19.7 |
| 0.181500 | | 33.02 | 54.42 | 21.40 | L1 | OFF | 19.7 |
| 0.181500 | 45.50 | | 64.42 | 18.92 | L1 | OFF | 19.7 |
| 0.197250 | | 26.61 | 53.73 | 27.12 | L1 | OFF | 19.7 |
| 0.197250 | 39.37 | | 63.73 | 24.36 | L1 | OFF | 19.7 |
| 0.217500 | | 29.40 | 52.91 | 23.51 | L1 | OFF | 19.7 |
| 0.217500 | 42.31 | | 62.91 | 20.60 | L1 | OFF | 19.7 |
| 0.237750 | | 29.35 | 52.17 | 22.82 | L1 | OFF | 19.7 |
| 0.237750 | 41.15 | | 62.17 | 21.02 | L1 | OFF | 19.7 |
| 0.255750 | | 27.64 | 51.57 | 23.93 | L1 | OFF | 19.7 |
| 0.255750 | 41.02 | | 61.57 | 20.55 | L1 | OFF | 19.7 |
| 0.285000 | | 27.75 | 50.67 | 22.92 | L1 | OFF | 19.7 |
| 0.285000 | 38.81 | | 60.67 | 21.86 | L1 | OFF | 19.7 |
| 0.309750 | | 25.47 | 49.98 | 24.51 | L1 | OFF | 19.7 |
| 0.309750 | 35.70 | | 59.98 | 24.28 | L1 | OFF | 19.7 |
| 0.336750 | | 32.84 | 49.28 | 16.44 | L1 | OFF | 19.7 |
| 0.336750 | 38.49 | | 59.28 | 20.79 | L1 | OFF | 19.7 |
| 0.368250 | | 27.11 | 48.54 | 21.43 | L1 | OFF | 19.7 |

| 0.368250 | 32.54 | | 58.54 | 26.00 | L1 | OFF | 19.7 |
|-----------|-------|-------|-------|-------|----|-----|------|
| 0.399750 | - | 24.83 | 47.86 | 23.03 | L1 | OFF | 19.7 |
| 0.399750 | 32.59 | | 57.86 | 25.27 | L1 | OFF | 19.7 |
| 0.503250 | - | 30.48 | 46.00 | 15.52 | L1 | OFF | 19.9 |
| 0.503250 | 35.57 | | 56.00 | 20.43 | L1 | OFF | 19.9 |
| 1.016250 | | 29.62 | 46.00 | 16.38 | L1 | OFF | 20.3 |
| 1.016250 | 34.44 | | 56.00 | 21.56 | L1 | OFF | 20.3 |
| 1.882500 | | 25.19 | 46.00 | 20.81 | L1 | OFF | 20.2 |
| 1.882500 | 32.16 | | 56.00 | 23.84 | L1 | OFF | 20.2 |
| 13.560000 | | 52.16 | 50.00 | -2.16 | L1 | OFF | 20.3 |
| 13.560000 | 52.39 | | 60.00 | 7.61 | L1 | OFF | 20.3 |

Report NO: 0D2212
Test Mode: Mode 1
Test Voltage: 120Vac/60Hz
Phase: Neutral

Full Spectrum



Final Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|--------------------|---------------------|--------------------|-----------------|----------------|------|--------|---------------|
| 0.152250 | | 32.22 | 55.88 | 23.66 | N | OFF | 19.7 |
| 0.152250 | 49.03 | | 65.88 | 16.85 | N | OFF | 19.7 |
| 0.165750 | | 29.80 | 55.17 | 25.37 | N | OFF | 19.7 |
| 0.165750 | 46.87 | | 65.17 | 18.30 | N | OFF | 19.7 |
| 0.183750 | | 30.34 | 54.31 | 23.97 | N | OFF | 19.7 |
| 0.183750 | 45.59 | | 64.31 | 18.72 | N | OFF | 19.7 |
| 0.197250 | | 26.58 | 53.73 | 27.15 | N | OFF | 19.7 |
| 0.197250 | 45.28 | | 63.73 | 18.45 | N | OFF | 19.7 |
| 0.217500 | | 27.78 | 52.91 | 25.13 | N | OFF | 19.7 |
| 0.217500 | 43.19 | | 62.91 | 19.72 | N | OFF | 19.7 |
| 0.237750 | | 29.16 | 52.17 | 23.01 | N | OFF | 19.8 |
| 0.237750 | 40.89 | | 62.17 | 21.28 | N | OFF | 19.8 |
| 0.264750 | | 26.28 | 51.28 | 25.00 | N | OFF | 19.8 |
| 0.264750 | 39.88 | | 61.28 | 21.40 | N | OFF | 19.8 |
| 0.287250 | | 26.68 | 50.60 | 23.92 | N | OFF | 19.8 |
| 0.287250 | 37.42 | | 60.60 | 23.18 | N | OFF | 19.8 |
| 0.309750 | | 25.45 | 49.98 | 24.53 | N | OFF | 19.8 |
| 0.309750 | 36.89 | | 59.98 | 23.09 | N | OFF | 19.8 |
| 0.343500 | | 28.86 | 49.12 | 20.26 | N | OFF | 19.8 |
| 0.343500 | 35.52 | | 59.12 | 23.60 | N | OFF | 19.8 |
| 0.372750 | | 24.92 | 48.44 | 23.52 | N | OFF | 19.8 |

| 0.372750 | 32.45 | | 58.44 | 25.99 | N | OFF | 19.8 |
|-----------|-------|-------|-------|-------|---|-----|------|
| 0.402000 | | 24.29 | 47.81 | 23.52 | N | OFF | 19.8 |
| 0.402000 | 31.59 | | 57.81 | 26.22 | N | OFF | 19.8 |
| 0.570750 | - | 30.08 | 46.00 | 15.92 | N | OFF | 20.0 |
| 0.570750 | 37.34 | | 56.00 | 18.66 | N | OFF | 20.0 |
| 1.016250 | | 29.62 | 46.00 | 16.38 | N | OFF | 20.3 |
| 1.016250 | 34.42 | | 56.00 | 21.58 | N | OFF | 20.3 |
| 1.918500 | | 25.26 | 46.00 | 20.74 | N | OFF | 20.3 |
| 1.918500 | 31.99 | | 56.00 | 24.01 | N | OFF | 20.3 |
| 8.938500 | - | 25.63 | 50.00 | 24.37 | N | OFF | 20.2 |
| 8.938500 | 27.07 | | 60.00 | 32.93 | N | OFF | 20.2 |
| 13.560000 | | 52.44 | 50.00 | -2.44 | N | OFF | 20.4 |
| 13.560000 | 52.67 | | 60.00 | 7.33 | N | OFF | 20.4 |

Terminal

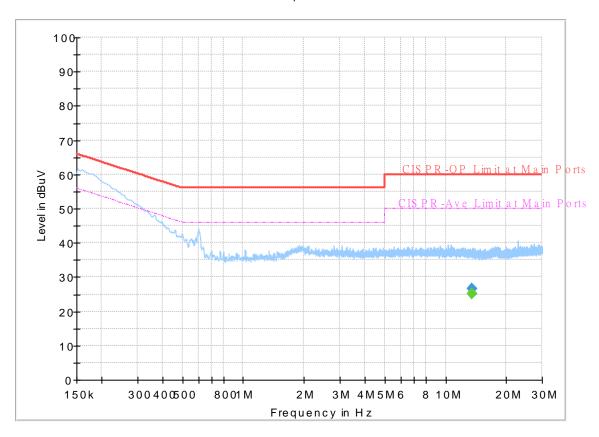
 Report NO :
 0D2212

 Test Mode :
 Mode 1

 Test Voltage :
 120Vac/60Hz

Phase: Line

Full Spectrum

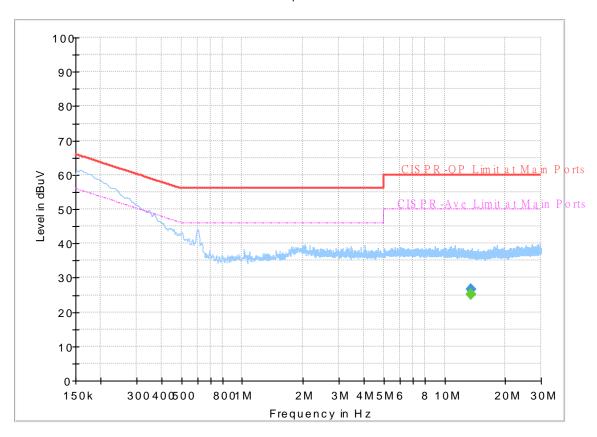


Final_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|--------------------|---------------------|--------------------|-----------------|----------------|------|--------|---------------|
| 13.560000 | | 25.13 | 50.00 | 24.87 | L1 | OFF | 20.3 |
| 13.560000 | 26.56 | | 60.00 | 33.44 | L1 | OFF | 20.3 |

Report NO: 0D2212
Test Mode: Mode 1
Test Voltage: 120Vac/60Hz
Phase: Neutral

 $Full\,S\,p\,e\,c\,tru\,m$

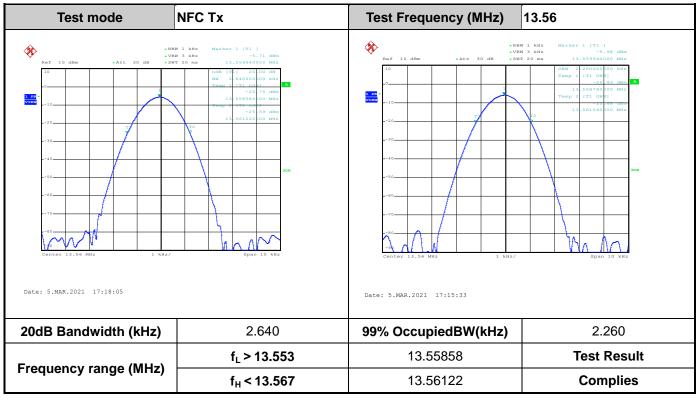


Final_Result

| Frequency (MHz) | QuasiPeak (dBuV) | CAverage (dBuV) | Limit (dBuV) | Margin (dB) | Line | Filter | Corr. (dB) |
|--------------------|---------------------|--------------------|-----------------|----------------|------|--------|---------------|
| 13.555500 | | 25.16 | 50.00 | 24.84 | N | OFF | 20.4 |
| 13.555500 | 26.64 | | 60.00 | 33.36 | N | OFF | 20.4 |

Appendix B. Test Results of Conducted Test Items

B1. Test Result of 20dB Spectrum Bandwidth



Report No.: FR0D2212D

Remark: Because the measured signal is CW adjusting the RBW per C63.10 would not be practical since measured bandwidth will always follow the RBW and the result will be approximately twice the RBW.

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B2. Test Result of Frequency Stability

| Voltage vs. Fred | quency Stability | Tempera | ency Stability | |
|------------------|--------------------------------|-----------------|----------------|--------------------------------|
| Voltage (Vac) | Measurement Frequency (MHz) | Temperature (℃) | Time | Measurement Frequency (MHz) |
| 120 | 13.559900 | -20 | 0 | 13.560060 |
| 102 | 13.559900 | | 2 | 13.560060 |
| 138 | 13.559900 | | 5 | 13.560060 |
| | | | 10 | 13.560070 |
| | | -10 | 0 | 13.560040 |
| | | | 2 | 13.560040 |
| | | | 5 | 13.560060 |
| | | | 10 | 13.560060 |
| | | 0 | 0 | 13.560020 |
| | | | 2 | 13.560020 |
| | | | 5 | 13.560020 |
| | | | 10 | 13.560020 |
| | | 10 | 0 | 13.559940 |
| | | | 2 | 13.559960 |
| | | | 5 | 13.559980 |
| | | | 10 | 13.559980 |
| | | 20 | 0 | 13.559900 |
| | | | 2 | 13.559900 |
| | | | 5 | 13.559900 |
| | | | 10 | 13.559900 |
| | | 30 | 0 | 13.559880 |
| | | | 2 | 13.559880 |
| | | | 5 | 13.559900 |
| | | | 10 | 13.559880 |
| | | 40 | 0 | 13.559870 |
| | | | 2 | 13.559860 |
| | | | 5 | 13.559860 |
| | | | 10 | 13.559870 |

Report No.: FR0D2212D

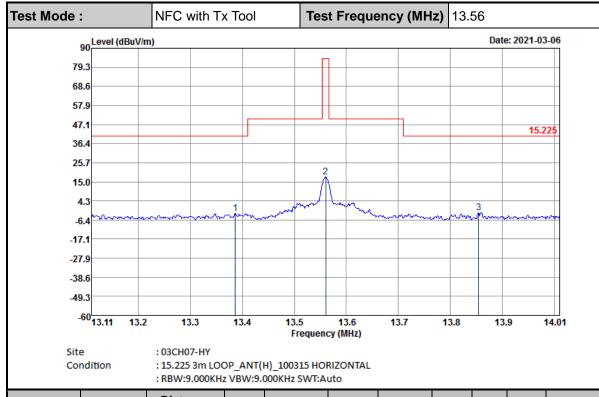
TEL: 886-3-327-3456 Page Number : B2 of B3

| Voltage vs. Freque | ency Stability | Tempe | rature vs. Frequ | ency Stability |
|---------------------|--------------------------------|------------------|-----------------------------|-----------------------------|
| Voltage (Vac) | Measurement Frequency (MHz) | Temperature (°C) | Time 0 2 5 10 iation (MHz) | Measurement Frequency (MHz) |
| | | 2 | | 13.559940 |
| | | | | 13.559900 |
| | | | | 13.559880 |
| | | | 10 | 13.559870 |
| Max.Deviation (MHz) | -0.000100 | Max.Deviation | on (MHz) | -0.000140 |
| Max.Deviation (ppm) | -7.3746 | Max.Deviation | on (ppm) | -10.3245 |
| Limit | FS < ±100 ppm | Limit | | FS < ±100 ppm |
| Test Result | PASS | Test Re | sult | PASS |

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Appendix C. Test Results of Radiated Test Items

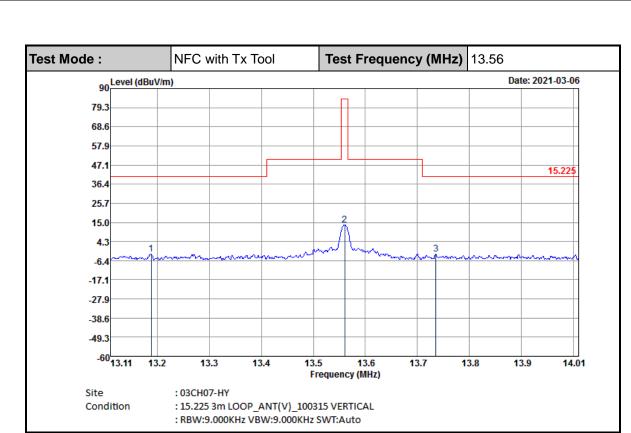
C1. Test Result of Field Strength of Fundamental Emissions



Report No.: FR0D2212D

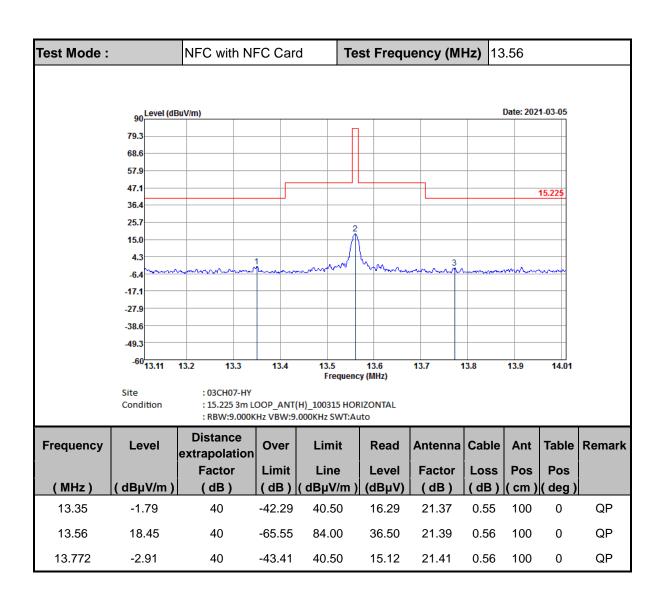
| Frequency | Level | Distance extrapolation | Over | Limit | Read | Antenna | Cable | Ant | Table | Remark |
|-----------|----------|------------------------|--------|------------|--------|---------|-------|--------|-------|--------|
| | | Factor | Limit | Line | Level | Factor | Loss | Pos | Pos | |
| (MHz) | (dBµV/m) | (dB) | (dB) | (dBµV/m) | (dBµV) | (dB) | (dB) | (cm) | (deg) | |
| 13.386 | -2.87 | 40 | -43.37 | 40.50 | 15.21 | 21.37 | 0.55 | 100 | 301 | QP |
| 13.56 | 17.55 | 40 | -66.45 | 84.00 | 35.60 | 21.39 | 0.56 | 100 | 301 | QP |
| 13.854 | -2.44 | 40 | -42.94 | 40.50 | 15.58 | 21.42 | 0.56 | 100 | 301 | QP |

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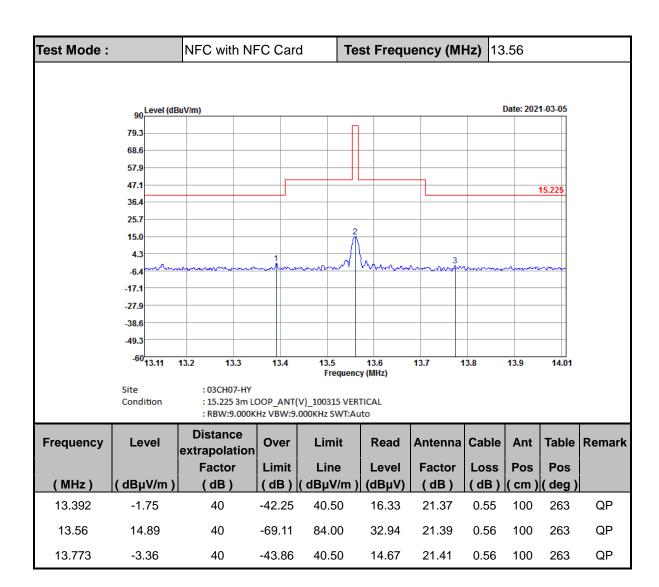


| Frequency | Level | Distance extrapolation | Over | Limit | Read | Antenna | Cable | Ant | Table | Remark |
|-----------|------------|------------------------|--------|------------|--------|---------|-------|--------|---------|--------|
| | | Factor | Limit | Line | Level | Factor | Loss | Pos | Pos | |
| (MHz) | (dBµV/m) | (dB) | (dB) | (dBµV/m) | (dBµV) | (dB) | (dB) | (cm) | (deg) | |
| 13.188 | -2.69 | 40 | -43.19 | 40.50 | 15.41 | 21.35 | 0.55 | 100 | 48 | QP |
| 13.56 | 13.65 | 40 | -70.35 | 84.00 | 31.70 | 21.39 | 0.56 | 100 | 48 | QP |
| 13.736 | -2.81 | 40 | -43.31 | 40.50 | 15.22 | 21.41 | 0.56 | 100 | 48 | QP |

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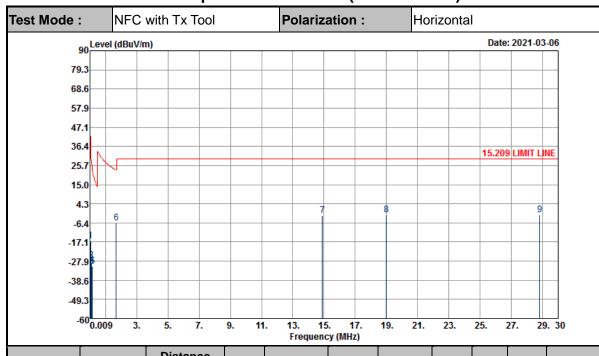


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TEL: 886-3-327-3456 Page Number : C4 of C12

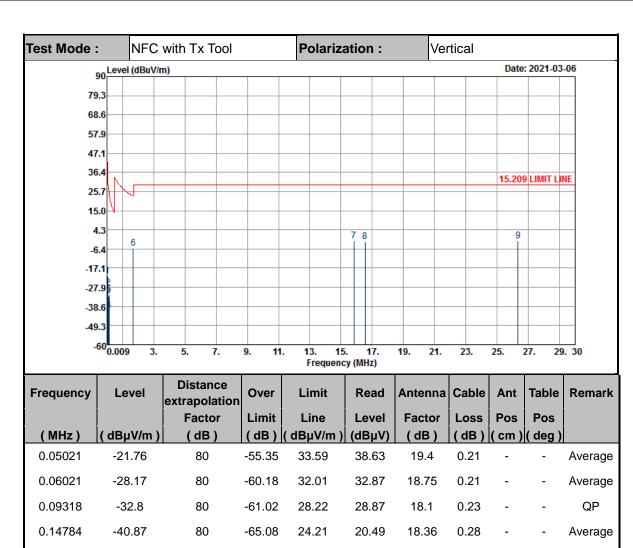
C2. Results of Radiated Spurious Emissions (9 kHz~30MHz)



Report No. : FR0D2212D

| Frequency | Level | Distance extrapolation | Over | Limit | Read | Antenna | Cable | Ant | Table | Remark |
|-----------|------------|------------------------|--------|------------|--------|---------|-------|--------|---------|---------|
| | | Factor | Limit | Line | Level | Factor | Loss | Pos | Pos | |
| (MHz) | (dBµV/m) | (dB) | (dB) | (dBµV/m) | (dBµV) | (dB) | (dB) | (cm) | (deg) | |
| 0.05021 | -16.38 | 80 | -49.97 | 33.59 | 44.01 | 19.4 | 0.21 | - | - | Average |
| 0.06957 | -27.57 | 80 | -58.33 | 30.76 | 33.46 | 18.75 | 0.22 | - | - | Average |
| 0.091 | -28.92 | 80 | -57.34 | 28.42 | 32.75 | 18.1 | 0.23 | - | - | QP |
| 0.1118 | -30.14 | 80 | -56.78 | 26.64 | 31.52 | 18.1 | 0.24 | - | - | Average |
| 0.15374 | -30.76 | 80 | -54.63 | 23.87 | 30.59 | 18.36 | 0.29 | - | - | Average |
| 1.699 | -6.34 | 40 | -29.34 | 23 | 14.09 | 19.1 | 0.47 | 100 | 0 | QP |
| 14.888 | -2.47 | 40 | -31.97 | 29.5 | 15.42 | 21.54 | 0.57 | - | - | QP |
| 19.006 | -1.89 | 40 | -31.39 | 29.5 | 15.49 | 21.99 | 0.63 | - | - | QP |
| 28.815 | -1.98 | 40 | -31.48 | 29.5 | 14.72 | 22.45 | 0.85 | - | - | QP |

TEL: 886-3-327-3456 Page Number : C5 of C12



Note:

0.15136

1.699

15.816

16.531

26.33

-31.95

-6.18

-2.09

-2.22

-1.85

1. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

24

23

29.5

29.5

29.5

29.4

14.25

15.69

15.47

15.05

18.36

19.1

21.64

21.72

22.35

0.29

0.47

0.58

0.59

0.75

Average

QΡ

QΡ

QP

QΡ

0

100

2. Distance extrapolation factor = 40 log (specific distance / test distance) (dB)

-55.95

-29.18

-31.59

-31.72

-31.35

3. Limit line = specific limits (dBµV) + distance extrapolation factor

80

40

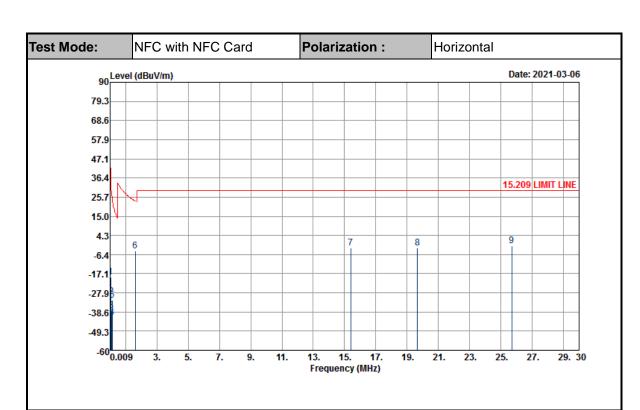
40

40

40

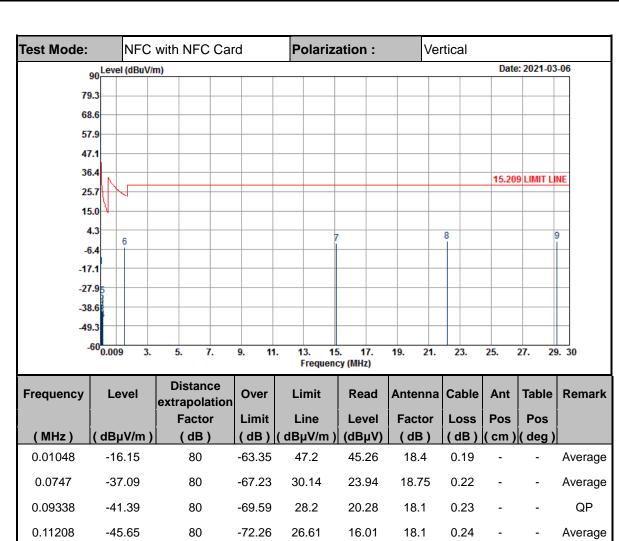
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| Frequency | Level | Distance extrapolation | Over | Limit | Read | Antenna | Cable | Ant | Table | Remark |
|-----------|---------------|------------------------|--------|---------------|--------|---------|-------|--------|-------|---------|
| | | Factor | Limit | Line | Level | Factor | Loss | Pos | Pos | |
| (MHz) | $(dB\mu V/m)$ | (dB) | (dB) | $(dB\mu V/m)$ | (dBµV) | (dB) | (dB) | (cm) | (deg) | |
| 0.05016 | -19.23 | 80 | -52.83 | 33.6 | 41.16 | 19.4 | 0.21 | - | - | Average |
| 0.06273 | -30.08 | 80 | -61.73 | 31.65 | 30.96 | 18.75 | 0.21 | - | - | Average |
| 0.0934 | -37.83 | 80 | -66.03 | 28.2 | 23.84 | 18.1 | 0.23 | - | - | QP |
| 0.11196 | -41.7 | 80 | -68.32 | 26.62 | 19.96 | 18.1 | 0.24 | - | - | Average |
| 0.15102 | -31.84 | 80 | -55.86 | 24.02 | 29.51 | 18.36 | 0.29 | - | - | Average |
| 1.624 | -4.54 | 40 | -27.93 | 23.39 | 15.89 | 19.1 | 0.47 | 100 | 0 | QP |
| 15.392 | -2.6 | 40 | -32.1 | 29.5 | 15.23 | 21.59 | 0.58 | - | - | QP |
| 19.672 | -2.59 | 40 | -32.09 | 29.5 | 14.71 | 22.06 | 0.64 | - | - | QP |
| 25.69 | -1.52 | 40 | -31.02 | 29.5 | 15.43 | 22.33 | 0.72 | - | - | QP |

TEL: 886-3-327-3456 Page Number : C7 of C12



Note:

0.1517

1.541

15.096

22.174

29.21

-32.24

-5.1

-3.05

-1.98

-1.9

1. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

23.98

23.85

29.5

29.5

29.5

29.11

15.34

14.82

15.17

14.76

18.36

19.1

21.56

22.19

22.47

0.29

0.46

0.57

0.66

0.87

Average

QΡ

QΡ

QΡ

QΡ

0

100

2. Distance extrapolation factor = 40 log (specific distance / test distance) (dB)

-56.22

-28.95

-32.55

-31.48

-31.4

3. Limit line = specific limits (dB μ V) + distance extrapolation factor

80

40

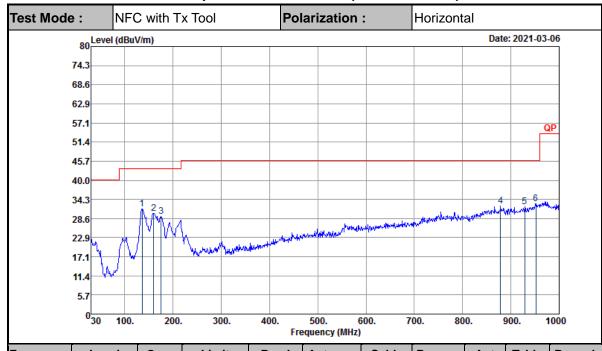
40

40

40

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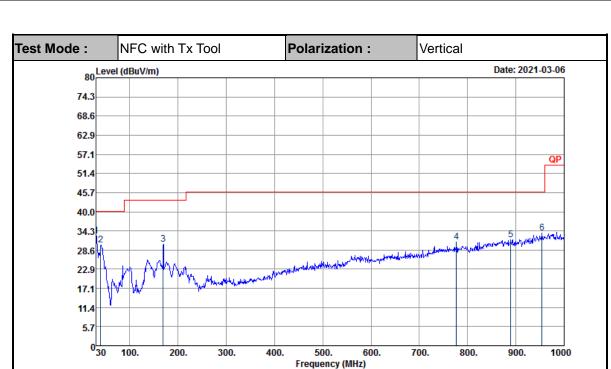
C3. Results of Radiated Spurious Emissions (30MHz~1GHz)



Report No.: FR0D2212D

| Frequency | Level | Over | Limit | Read | Antenna | Cable | Preamp | Ant | Table | Remark |
|-----------|----------|--------|------------|--------|---------|-------|--------|--------|-------|--------|
| | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | |
| (MHz) | (dBµV/m) | (dB) | (dBµV/m) | (dBµV) | (dB) | (dB) | (dB) | (cm) | (deg) | |
| 135.84 | 31.48 | -12.02 | 43.5 | 41.96 | 17.5 | 1.98 | 29.96 | 100 | 0 | Peak |
| 160.14 | 30.09 | -13.41 | 43.5 | 41.49 | 16.44 | 2.11 | 29.95 | - | - | Peak |
| 174.99 | 29.3 | -14.2 | 43.5 | 41.81 | 15.22 | 2.21 | 29.94 | - | - | Peak |
| 878.9 | 32.29 | -13.71 | 46 | 27.85 | 28.89 | 4.64 | 29.09 | - | - | Peak |
| 928.6 | 32.05 | -13.95 | 46 | 26.84 | 29.25 | 4.78 | 28.82 | - | - | Peak |
| 951.7 | 32.97 | -13.03 | 46 | 26.47 | 30.31 | 4.88 | 28.69 | - | - | Peak |

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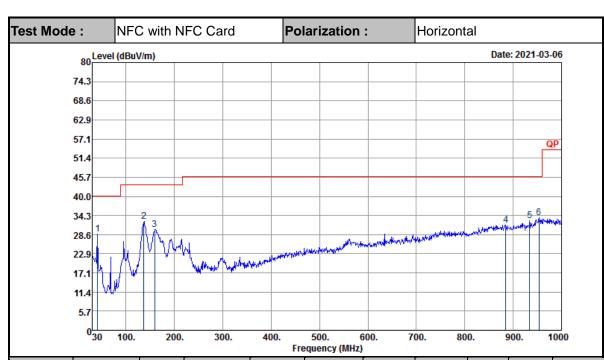
| Frequency | Level | Over | Limit | Read | Antenna | Cable | Preamp | Ant | Table | Remark |
|-----------|----------|--------|----------|--------|---------|--------|--------|--------|-------|--------|
| | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | |
| (MHz) | (dBµV/m) | (dB) | (dBµV/m) | (dBµV) | (dB) | (dB) | (dB) | (cm) | (deg) | |
| 30.27 | 32.77 | -7.23 | 40 | 37.55 | 24.32 | 0.91 | 30.01 | 100 | 0 | Peak |
| 39.99 | 30.12 | -9.88 | 40 | 39.58 | 19.4 | 1.14 | 30 | - | - | Peak |
| 169.05 | 30.41 | -13.09 | 43.5 | 42.5 | 15.68 | 2.17 | 29.94 | - | - | Peak |
| 776.7 | 31.02 | -14.98 | 46 | 28.48 | 27.71 | 4.33 | 29.5 | - | - | Peak |
| 889.4 | 31.72 | -14.28 | 46 | 27.42 | 28.69 | 4.65 | 29.04 | - | - | Peak |
| 954.5 | 33.58 | -12.42 | 46 | 26.88 | 30.48 | 4.89 | 28.67 | - | - | Peak |

Note:

- The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
- 2. Emission level (dB μ V/m) = 20 log Emission level (μ V/m).
- 3. Corrected Reading: Antenna Factor + Cable Loss + Read Level Preamp Factor= Level.

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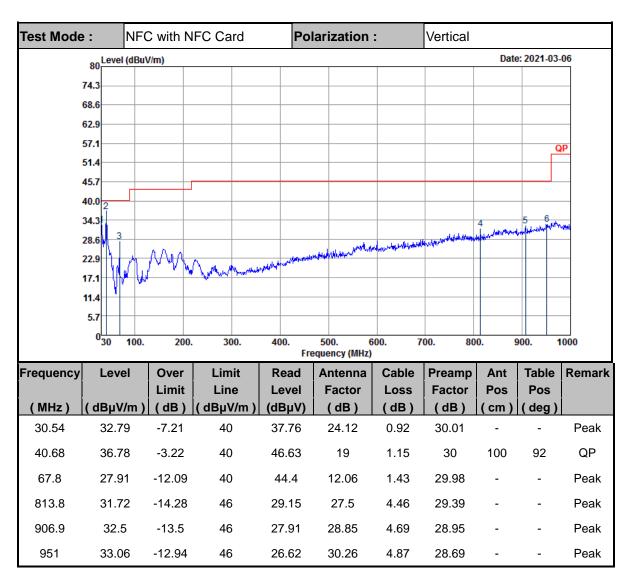




| ı | Frequency | Level | Over | Limit | Read | Antenna | Cable | Preamp | Ant | Table | Remark |
|---|-----------|----------|--------|------------|--------|---------|-------|--------|--------|-------|--------|
| Į | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | |
| ı | (MHz) | (dBµV/m) | (dB) | (dBµV/m) | (dBµV) | (dB) | (dB) | (dB) | (cm) | (deg) | |
| | 40.8 | 28.85 | -11.15 | 40 | 38.7 | 19 | 1.15 | 30 | - | - | Peak |
| | 136.92 | 32.48 | -11.02 | 43.5 | 42.98 | 17.47 | 1.99 | 29.96 | 100 | 0 | Peak |
| | 159.33 | 30.16 | -13.34 | 43.5 | 41.44 | 16.56 | 2.11 | 29.95 | - | - | Peak |
| | 884.5 | 31.41 | -14.59 | 46 | 27.01 | 28.82 | 4.64 | 29.06 | - | - | Peak |
| | 934.2 | 32.84 | -13.16 | 46 | 27.46 | 29.37 | 4.8 | 28.79 | - | - | Peak |
| | 953.1 | 33.57 | -12.43 | 46 | 26.95 | 30.42 | 4.88 | 28.68 | - | - | Peak |

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Note:

- 1. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
- 2. Emission level (dB μ V/m) = 20 log Emission level (μ V/m).
- 3. Corrected Reading: Antenna Factor + Cable Loss + Read Level Preamp Factor= Level.



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