



# FCC RF Test Report

APPLICANT : Motorola Mobility LLC  
EQUIPMENT : Mobile Cellular Phone  
BRAND NAME : Motorola  
MODEL NAME : XT2601-2,XT2601-3  
FCC ID : IHDT56AW2  
STANDARD : FCC Part 15 Subpart C §15.225  
CLASSIFICATION : (DXX) Low Power Communication Device Transmitter  
TEST DATE(S) : Aug. 11, 2025 ~ Aug. 21, 2025

We, Sporton International Inc. (Kunshan), 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. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia



**Sporton International Inc. (Kunshan)**

**No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300  
People's Republic of China**



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## REVISION HISTORY

| REPORT NO. | VERSION | DESCRIPTION             | ISSUED DATE   |
|------------|---------|-------------------------|---------------|
| FR572502D  | Rev. 01 | Initial issue of report | Sep. 18, 2025 |
|            |         |                         |               |
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## SUMMARY OF THE TEST RESULT

| Report Section | FCC Rule           | Description of Test                     | Result   | Remark                                         |
|----------------|--------------------|-----------------------------------------|----------|------------------------------------------------|
| 3.1            | 15.207             | AC Power Line Conducted Emissions       | Complies | Under limit<br>9.14 dB at<br>0.161MHz          |
| 3.2            | 15.215(c)          | 20dB Spectrum Bandwidth                 | Complies | -                                              |
|                | -                  | 99% OBW Spectrum Bandwidth              | Complies | -                                              |
| 3.3            | 15.225(e)          | Frequency Stability                     | Complies | -                                              |
| 3.4            | 15.225(a)(b)(c)    | Field Strength of Fundamental Emissions | Complies | Max level<br>18.86 dBμV/m at<br>13.56 MHz @30m |
| 3.5            | 15.225(d) & 15.209 | Radiated Spurious Emissions             | Complies | Under limit<br>3.84 dB at<br>40.670MHz         |
| 3.6            | 15.203             | Antenna Requirements                    | Complies | -                                              |

**Conformity Assessment Condition:**

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty"

**Disclaimer:**

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.



## 1. General Description

### 1.1 Applicant

**Motorola Mobility LLC**

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

### 1.2 Manufacturer

**Motorola Mobility LLC**

222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

### 1.3 Product Feature of Equipment Under Test

| Product Feature |                                                                                                                                                                                                                                                                                    |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment       | Mobile Cellular Phone                                                                                                                                                                                                                                                              |
| Brand Name      | Motorola                                                                                                                                                                                                                                                                           |
| Model Name      | XT2601-2,XT2601-3                                                                                                                                                                                                                                                                  |
| FCC ID          | IHDT56AW2                                                                                                                                                                                                                                                                          |
| SN / IMEI Code  | Conducted:<br>352803330015091/352803330015109 for Sample 1<br>NEQR290139 for Sample 2<br>Conduction:<br>352803330017279/352803330017287 for Sample 1<br>350098050009513/350098050009521 for Sample 2<br>Radiation:<br>352803330015091 for Sample 1<br>350098050009513 for Sample 2 |
| HW Version      | DVT2                                                                                                                                                                                                                                                                               |
| SW Version      | W1WR36.18                                                                                                                                                                                                                                                                          |
| EUT Stage       | Identical Prototype                                                                                                                                                                                                                                                                |

**Remark:** The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

## 1.4 Product Specification of Equipment Under Test

| Standards-related Product Specification |                    |
|-----------------------------------------|--------------------|
| Tx/Rx Frequency Range                   | 13.553 ~ 13.567MHz |
| Channel Number                          | 1                  |
| 20dBW                                   | 2.475 KHz          |
| 99%OBW                                  | 2.098 KHz          |
| Antenna Type                            | Loop Antenna       |
| Type of Modulation                      | ASK                |

## 1.5 Modification of EUT

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

## 1.6 Testing Location

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

|                    |                                                                                                                                                |           |            |                     |                                |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|---------------------|--------------------------------|
| Test Firm          | Sporton International Inc. (Kunshan)                                                                                                           |           |            |                     |                                |
| Test Site Location | No. 1098, Pengxi North Road, Kunshan Economic Development Zone<br>Jiangsu Province 215300 People's Republic of China<br>TEL : +86-512-57900158 |           |            |                     |                                |
| Test Site No.      | Sporton Site No.                                                                                                                               |           |            | FCC Designation No. | FCC Test Firm Registration No. |
|                    | TH01-KS                                                                                                                                        | 03CH02-KS | CO01-KS    | CN1257              | 314309                         |
| Test Engineer      | Albert shi                                                                                                                                     | Yoke      | Amos Zhang |                     |                                |
| Temperature        | 22~24℃                                                                                                                                         | 21~22℃    | 25.3~26.2℃ |                     |                                |
| Relative Humidity  | 53-55%                                                                                                                                         | 45~46%    | 38~40%     |                     |                                |

## 1.7 Test Software

| Item | Site      | Manufacturer | Name | Version       |
|------|-----------|--------------|------|---------------|
| 1.   | 03CH02-KS | AUDIX        | E3   | 6.2009-8-24a1 |
| 2.   | CO01-KS   | AUDIX        | E3   | 6.2009-8-24   |

## 1.8 Applicable Standards

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

- ♦ 47 CFR Part 15 Subpart C §15.225
- ♦ ANSI C63.10-2020

## 1.9 Specification of Accessory

| Accessories Information   |            |                    |            |            |
|---------------------------|------------|--------------------|------------|------------|
| AC Adapter 1(US)          | Brand Name | Motorola(Chenyang) | Model Name | MC-681N    |
| AC Adapter 1(EU)          | Brand Name | Motorola(Chenyang) | Model Name | MC-682N    |
| AC Adapter 1(UK)          | Brand Name | Motorola(Chenyang) | Model Name | MC-683N    |
| AC Adapter 1(AU)          | Brand Name | Motorola(Chenyang) | Model Name | MC-685N    |
| AC Adapter 1(AR)          | Brand Name | Motorola(Chenyang) | Model Name | MC-686N    |
| AC Adapter 1(BR)          | Brand Name | Motorola(Chenyang) | Model Name | MC-687N    |
| AC Adapter 1(CHILE)       | Brand Name | Motorola(Chenyang) | Model Name | MC-689N    |
| AC Adapter 2(US)          | Brand Name | Motorola(Acbel)    | Model Name | MC-681N    |
| AC Adapter 2(EU)          | Brand Name | Motorola(Acbel)    | Model Name | MC-682N    |
| AC Adapter 2(UK)          | Brand Name | Motorola(Acbel)    | Model Name | MC-683N    |
| AC Adapter 2(AU)          | Brand Name | Motorola(Acbel)    | Model Name | MC-685N    |
| AC Adapter 2(AR)          | Brand Name | Motorola(Acbel)    | Model Name | MC-686N    |
| AC Adapter 2(BR)          | Brand Name | Motorola(Acbel)    | Model Name | MC-687N    |
| AC Adapter 2(CHILE)       | Brand Name | Motorola(Acbel)    | Model Name | MC-689N    |
| AC Adapter 3(Indonesia)   | Brand Name | Motorola(Chenyang) | Model Name | MC-682N    |
| Battery 1                 | Brand Name | Motorola(Amperex)  | Model Name | SE48       |
| Battery 2                 | Brand Name | Motorola(CosMX)    | Model Name | SE48       |
| USB Cable 1               | Brand Name | Motorola(SAIBAO)   | Model Name | SC18D71644 |
| USB Cable 2               | Brand Name | Motorola(Luxshare) | Model Name | SC18E08104 |
| USB Cable 3               | Brand Name | Motorola(SAIBAO)   | Model Name | SC18D86731 |
| USB Cable 4               | Brand Name | Motorola(Luxshare) | Model Name | SC18E08103 |
| Magnetic Protective Cover | Brand Name | Motorola(Topwell)  | Model Name | SS68E94944 |

## 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.

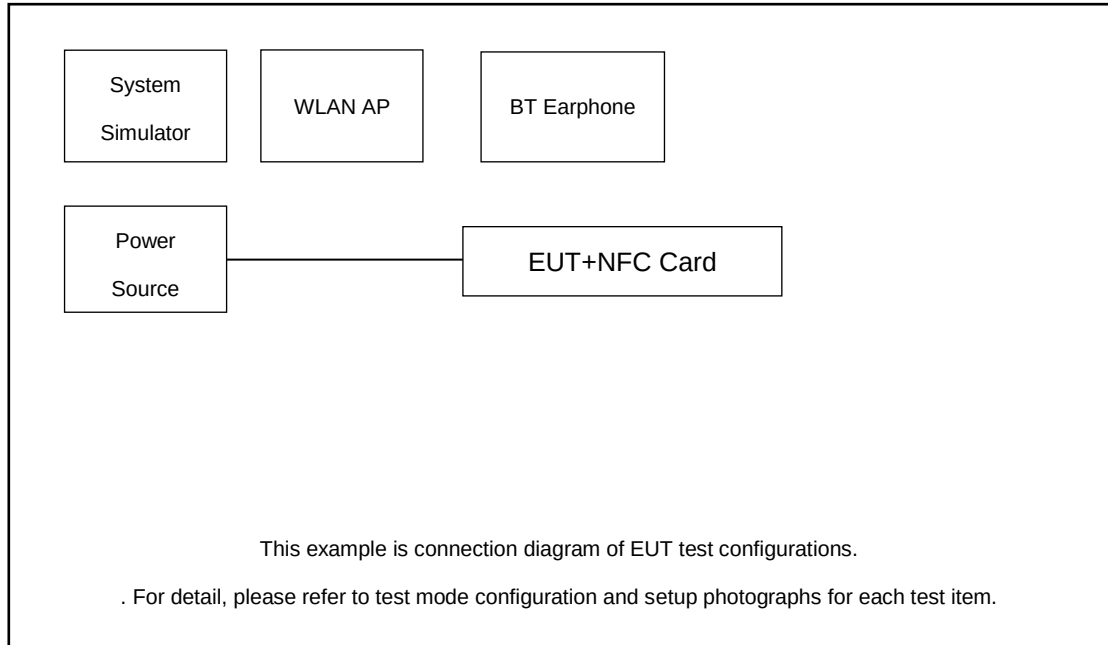
| Test Items                        |                                         |
|-----------------------------------|-----------------------------------------|
| AC Power Line Conducted Emissions | Field Strength of Fundamental Emissions |
| 20dB Spectrum Bandwidth           | Frequency Stability   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

Pre-scanned tests, X, Y, Z in three orthogonal panels to determine the final configuration (Y plane as worst plane) from all possible combinations.

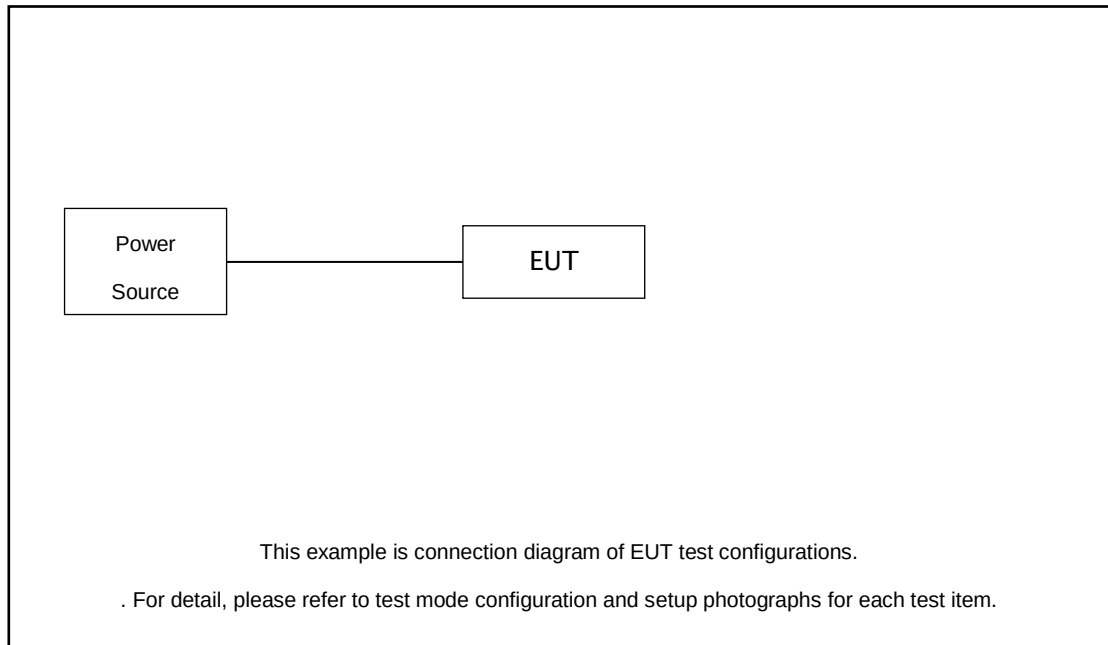
| Test Cases                                                                                                                                                                                         |                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>AC<br/>Conducted<br/>Emission</b>                                                                                                                                                               | Mode 1: GSM850 Idle + Bluetooth Link + WLAN Link(2.4G) + NFC Tx + USB Cable<br>1(Charging From Adaptor1) for Sample 1<br>Mode 2: GSM850 Idle + Bluetooth Link + WLAN Link(2.4G) + NFC Tx + USB Cable<br>1(Charging From Adaptor1) for Sample 2 |
| <b>Remark:</b><br>1. The worst case of conducted emission is mode 2; only the test data of it was reported.<br>2. For Radiated Test Cases, the tests were performance with Adapter 1, USB Cable 1. |                                                                                                                                                                                                                                                |

## 2.2 Connection Diagram of Test System

AC Conducted Emission:



Radiated Emission:



## 2.3 Table for Supporting Units

| Item | Equipment          | Trade Name | Model Name    | FCC ID     | Data Cable | Power Cord       |
|------|--------------------|------------|---------------|------------|------------|------------------|
| 1.   | LTE Base Station   | Anritus    | MT8821C       | N/A        | N/A        | Unshielded,1.8m  |
| 2.   | NFC Card           | R&S        | CBT           | N/A        | N/A        | Unshielded, 1.8m |
| 3.   | Bluetooth Earphone | Lenovo     | thinkplus-BH3 | N/A        | N/A        | N/A              |
| 4.   | WLAN AP            | D-link     | DIR-655       | KA21R655B1 | N/A        | Unshielded,1.8m  |

## 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 transmit at 13.56MHz and is placed around 0 cm gap to the EUT.

### 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.

| Frequency of Emission<br>(MHz) | Conducted Limit (dB $\mu$ V) |           |
|--------------------------------|------------------------------|-----------|
|                                | 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.

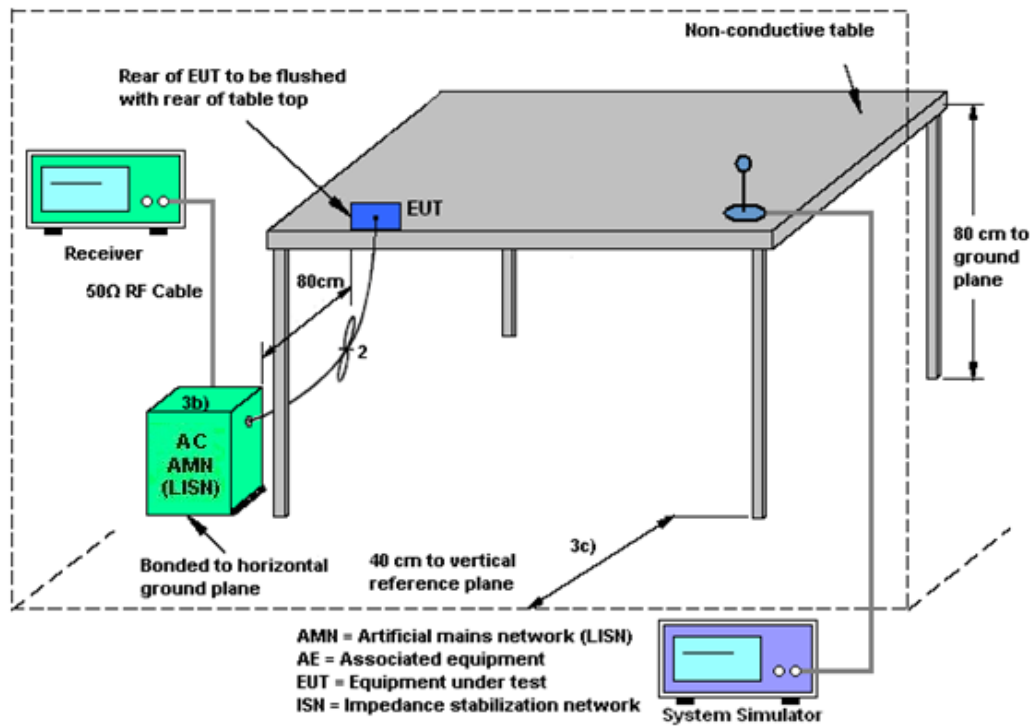
##### 3.1.2 Measuring Instruments

See list of measuring instruments 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 should 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.

### 3.1.4 Test setup



### 3.1.5 Test Result of AC Conducted Emission

Please refer to Appendix A.

## 3.2 20dB and 99% OBW Spectrum Bandwidth Measurement

### 3.2.1 Limit

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

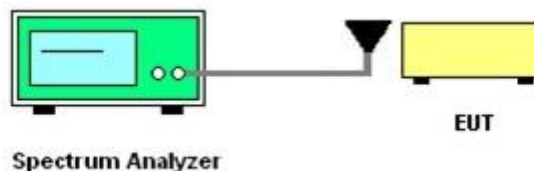
### 3.2.2 Measuring Instruments

See list of measuring instruments of this test report.

### 3.2.3 Test Procedures

1. The testing follows ANSI C63.10-2020 clause 6.9.2 for 20dB BW and 6.9.3 for 99% occupied bandwidth measurements
2. The spectrum analyzer connected via a receive antenna placed near the EUT in peak Max hold mode.
3. The resolution bandwidth of 1 kHz and the video bandwidth of 3 kHz were used.
4. Measured the spectrum width with power higher than 20dB below carrier.
5. Measured the 99% OBW.

### 3.2.4 Test Setup



### 3.2.5 Test Result of Conducted Test Items

Please refer to Appendix B.

### 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 using a new battery.

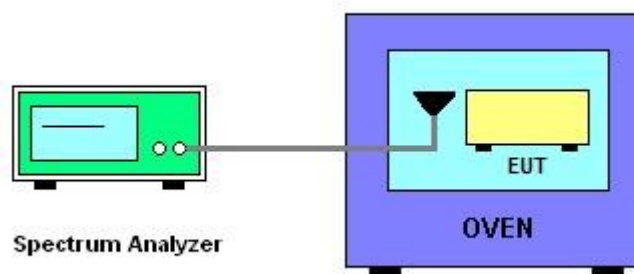
#### 3.3.2 Measuring Instruments

See list of measuring instruments of this test report.

#### 3.3.3 Test Procedures

1. The testing follows ANSI C63.10-2020 clause 6.8.
2. The spectrum analyzer connected via a receive antenna placed near the EUT.
3. EUT have transmitted signal and fixed channelize.
4. Set the spectrum analyzer span to view the entire emissions bandwidth.
5. Set RBW = 1 kHz, VBW = 3 kHz with peak detector and maxhold settings.
6. The  $f_c$  is declaring of channel frequency. Then the frequency error formula is  $(f_c - f)/f_c \times 10^6$  ppm and the limit is less than  $\pm 100$ ppm.
7. 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.

### 3.4 Field Strength of Fundamental Emissions and Mask Measurement

#### 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. |                                                    |
| Freq. of Emission (MHz)  | Field Strength ( $\mu\text{V/m}$ ) at 30m                         | Field Strength ( $\text{dB}\mu\text{V/m}$ ) at 30m |
| 1.705~13.110             | 30                                                                | 29.5                                               |
| 13.110~13.410            | 106                                                               | 40.5                                               |
| 13.410~13.553            | 334                                                               | 50.5                                               |
| 13.553~13.567            | 15848                                                             | 84.0                                               |
| 13.567~13.710            | 334                                                               | 50.5                                               |
| 13.710~14.010            | 106                                                               | 40.5                                               |
| 14.010~30.000            | 30                                                                | 29.5                                               |

#### 3.4.2 Measuring Instruments

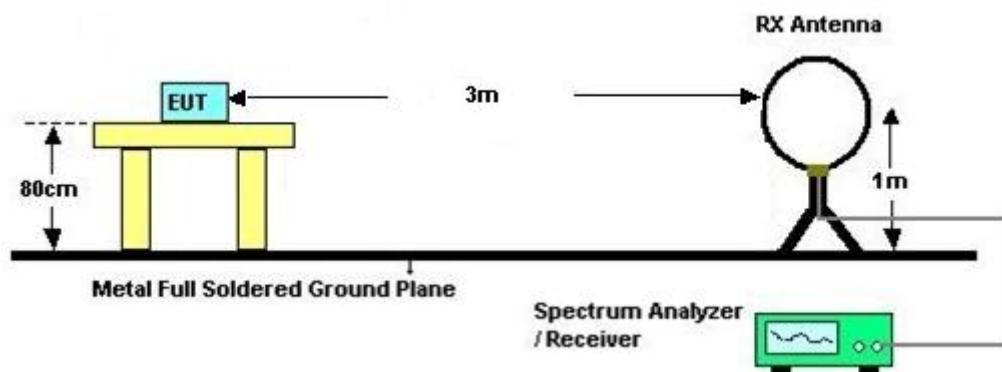
See list of measuring instruments of this test report.

### 3.4.3 Test Procedures

1. Configure the EUT according to ANSI C63.10 clause 6.4. 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.
2. 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.
6. Compliance with the spectrum mask is tested with RBW set to 9kHz.  
Note: Emission level (dBμV/m) = 20 log Emission level (μV/m).
7. The field strength is tested at 3m distance then convert to 30m by adding distance factor  $40 \cdot \log(d1/d2)$ .

### 3.4.4 Test Setup

For radiated emissions below 30MHz



### 3.4.5 Test Result of Field Strength of Fundamental Emissions and Mask

Please refer to Appendix C.

### 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.

<FCC Limit>

| Frequencies<br>(MHz) | Field Strength<br>( $\mu$ V/m) | Measurement Distance<br>(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 |

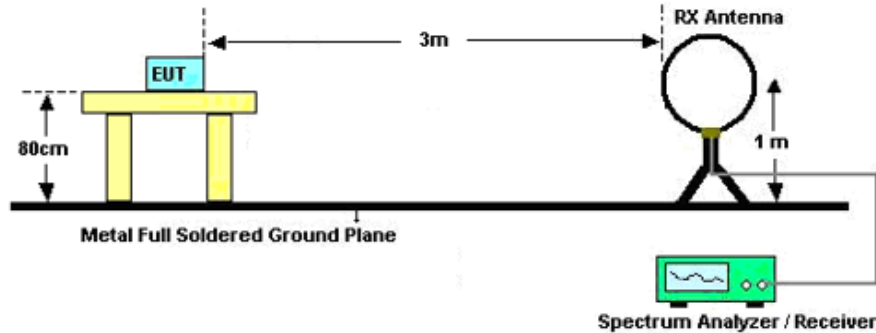
**Note:** The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

### 3.5.4 Test Procedures

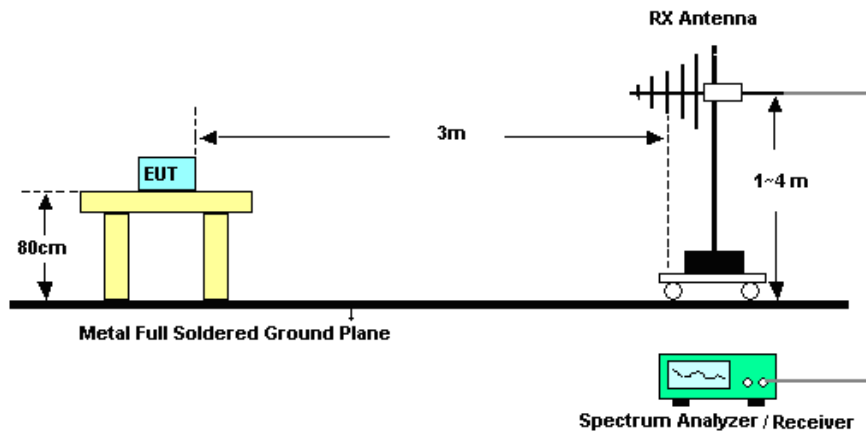
1. Configure the EUT according to ANSI C63.10 clause 6.5 and 6.6. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT 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 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 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. Antenna Requirements

### 3.5.5 Test Setup

For radiated emissions below 30MHz



For radiated emissions above 30MHz



### 3.5.6 Test Result of Radiated Emissions Measurement

Please refer to Appendix C.

**Note:**

1. There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.
2. Tested for radiated below 30 MHz using a loop antenna in accordance with C63.10, the antenna was positioned in three antenna orientations: parallel, perpendicular, and ground-parallel. Pre-scanned the three antenna orientations, the worst case is parallel & perpendicular polarization, and test data of two mode was reported. (Parallel: The loop antenna is placed vertical axis and aligned along the site axis; Perpendicular: The loop antenna is placed vertical axis and orthogonal to the axis; ground-parallel: The loop antenna is placed horizontal axis and parallel with the ground).

## **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.

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.



#### 4. List of Measuring Equipment

| Instrument                        | Manufacturer | Model No. | Serial No.   | Characteristics         | Calibration Date | Test Date                       | Due Date      | Remark                |
|-----------------------------------|--------------|-----------|--------------|-------------------------|------------------|---------------------------------|---------------|-----------------------|
| Spectrum Analyzer                 | R&S          | FSV40     | 101040       | 10Hz~40GHz              | Oct. 10, 2024    | Aug. 17, 2025~<br>Aug. 21, 2025 | Oct. 09, 2025 | Conducted (TH01-KS)   |
| Pulse Power Sensor                | Anritsu      | MA2411B   | 0917070      | 300MHz~40GHz            | Jan. 02, 2025    | Aug. 17, 2025~<br>Aug. 21, 2025 | Jan. 01, 2026 | Conducted (TH01-KS)   |
| Power Meter                       | Anritsu      | ML2495A   | 1005002      | 50MHz Bandwidth         | Jan. 02, 2025    | Aug. 17, 2025~<br>Aug. 21, 2025 | Jan. 01, 2026 | Conducted (TH01-KS)   |
| EMI Test Receiver                 | R&S          | ESR7      | 101403       | 9kHz~7GHz; Max 30dBm    | Dec. 03, 2024    | Aug. 18, 2025                   | Dec. 02, 2025 | Radiation (03CH02-KS) |
| Loop Antenna                      | R&S          | HFH2-Z2E  | 101125       | 9kHz~30MHz              | Sep. 08, 2024    | Aug. 18, 2025                   | Sep. 07, 2025 | Radiation (03CH02-KS) |
| Bilog Antenna                     | TeseQ        | CBL6111D  | 59915        | 30MHz~1GHz              | Aug. 12, 2025    | Aug. 18, 2025                   | Aug. 11, 2026 | Radiation (03CH02-KS) |
| AC Power Source                   | Chroma       | 61601     | 616010002473 | N/A                     | NCR              | Aug. 18, 2025                   | NCR           | Radiation (03CH02-KS) |
| Turn Table                        | MF           | MF7802    | N/A          | 0~360 degree            | NCR              | Aug. 18, 2025                   | NCR           | Radiation (03CH02-KS) |
| Antenna Mast                      | MF           | MF7802    | N/A          | 1 m~4 m                 | NCR              | Aug. 18, 2025                   | NCR           | Radiation (03CH02-KS) |
| EMI Receiver                      | R&S          | ESCI7     | 100768       | 9kHz~7GHz;              | Apr 16, 2025     | Aug. 11, 2025                   | Apr 15, 2026  | Conduction (CO01-KS)  |
| AC LISN (for auxiliary equipment) | MessTec      | AN3016    | 060103       | 9kHz~30MHz              | Aug. 20, 2024    | Aug. 11, 2025                   | Aug. 19, 2025 | Conduction (CO01-KS)  |
| AC LISN                           | MessTec      | AN3016    | 060105       | 9kHz~30MHz              | Dec. 24, 2024    | Aug. 11, 2025                   | Dec. 23, 2025 | Conduction (CO01-KS)  |
| AC Power Source                   | Chroma       | 61602     | ABP000000811 | AC 0V~300V, 45Hz~1000Hz | Oct. 09, 2024    | Aug. 11, 2025                   | Oct. 08, 2025 | Conduction (CO01-KS)  |

NCR: No Calibration Required

## 5. Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

### Uncertainty of Conducted Measurement

| Test Item                  | Uncertainty          |
|----------------------------|----------------------|
| Occupied Channel Bandwidth | $\pm 0.384\%$        |
| Frequency                  | $\pm 0.38\text{ppm}$ |

### Uncertainty of AC Conducted Emission Measurement (0.15 MHz ~ 30 MHz)

|                                                                          |         |
|--------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_c(y)$ ) | 2.84 dB |
|--------------------------------------------------------------------------|---------|

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

|                                                                          |         |
|--------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_c(y)$ ) | 3.30 dB |
|--------------------------------------------------------------------------|---------|

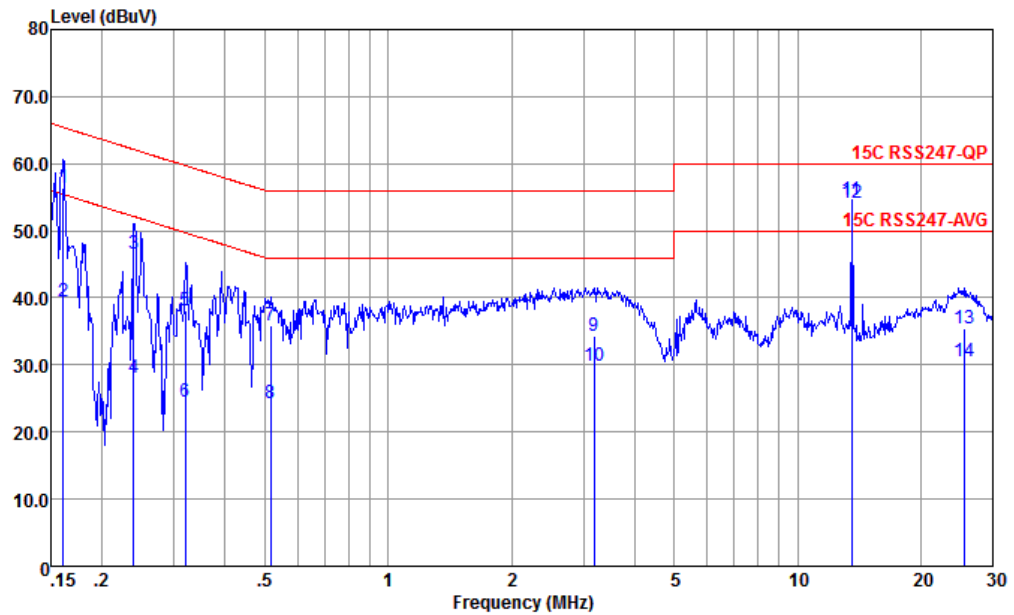
### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

|                                                                          |         |
|--------------------------------------------------------------------------|---------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2U_c(y)$ ) | 6.18 dB |
|--------------------------------------------------------------------------|---------|

----- THE END -----

## Appendix A. Test Results of Conducted Emission Test

|                        |                                                                                 |                            |             |
|------------------------|---------------------------------------------------------------------------------|----------------------------|-------------|
| <b>Test Engineer :</b> | Amos Zhang                                                                      | <b>Temperature :</b>       | 25.3~26.2°C |
|                        |                                                                                 | <b>Relative Humidity :</b> | 38~40%      |
| <b>Test Voltage :</b>  | 120Vac / 60Hz                                                                   | <b>Phase :</b>             | Line        |
| <b>Remark :</b>        | All emissions not reported here are more than 10 dB below the prescribed limit. |                            |             |



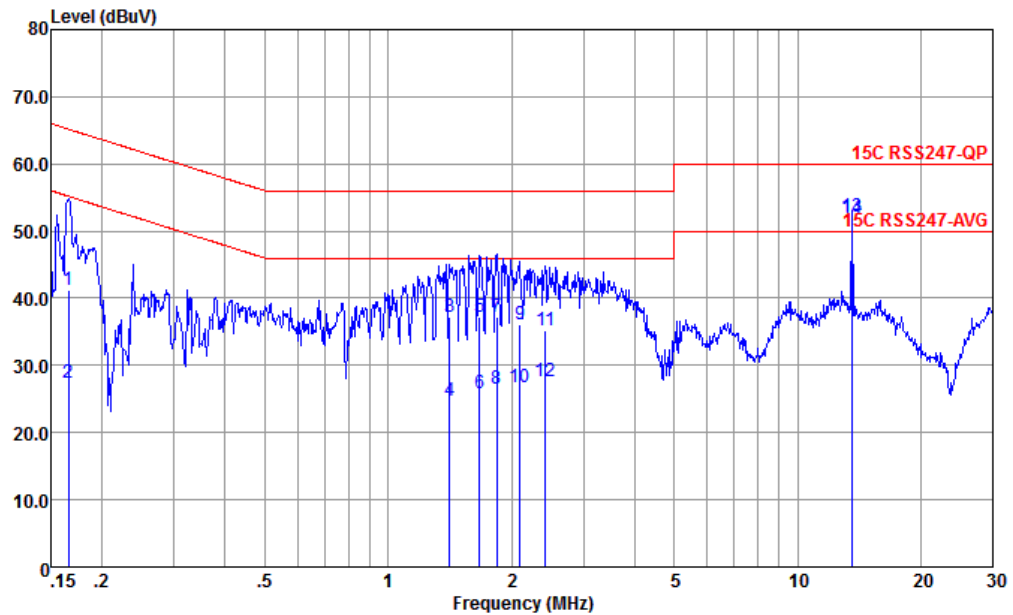
Site : CO01-KS  
Condition : 15C RSS247-QP LISN-060105-L 24+80 LINE

|      | Freq   | Level | Over   | Limit | Read  | LISN   | Cable | Remark  |
|------|--------|-------|--------|-------|-------|--------|-------|---------|
|      | MHz    | dBuV  | Limit  | Line  | Level | Factor | Loss  |         |
|      |        |       | dB     | dBuV  | dBuV  | dB     | dB    |         |
| 1    | 0.161  | 56.29 | -9.14  | 65.43 | 45.60 | 0.24   | 10.45 | QP      |
| 2    | 0.161  | 39.49 | -15.94 | 55.43 | 28.80 | 0.24   | 10.45 | Average |
| 3    | 0.239  | 46.54 | -15.59 | 62.13 | 35.80 | 0.27   | 10.47 | QP      |
| 4    | 0.239  | 28.04 | -24.09 | 52.13 | 17.30 | 0.27   | 10.47 | Average |
| 5    | 0.320  | 38.01 | -21.70 | 59.71 | 27.20 | 0.33   | 10.48 | QP      |
| 6    | 0.320  | 24.41 | -25.30 | 49.71 | 13.60 | 0.33   | 10.48 | Average |
| 7    | 0.516  | 35.96 | -20.04 | 56.00 | 25.20 | 0.36   | 10.40 | QP      |
| 8    | 0.516  | 24.36 | -21.64 | 46.00 | 13.60 | 0.36   | 10.40 | Average |
| 9    | 3.190  | 34.23 | -21.77 | 56.00 | 23.60 | 0.41   | 10.22 | QP      |
| 10   | 3.190  | 29.93 | -16.07 | 46.00 | 19.30 | 0.41   | 10.22 | Average |
| 11   | 13.560 | 54.61 |        |       | 43.60 | 0.74   | 10.27 | QP      |
| 12 * | 13.560 | 54.21 |        |       | 43.20 | 0.74   | 10.27 | Average |
| 13   | 25.456 | 35.47 | -24.53 | 60.00 | 24.21 | 0.80   | 10.46 | QP      |
| 14   | 25.456 | 30.57 | -19.43 | 50.00 | 19.31 | 0.80   | 10.46 | Average |

(1) with antenna

Remark: 13.560MHz is the NFC RF fundamental signal.

|                        |                                                                                 |                            |             |
|------------------------|---------------------------------------------------------------------------------|----------------------------|-------------|
| <b>Test Engineer :</b> | Amos Zhang                                                                      | <b>Temperature :</b>       | 25.3~26.2°C |
|                        |                                                                                 | <b>Relative Humidity :</b> | 38~40%      |
| <b>Test Voltage :</b>  | 120Vac / 60Hz                                                                   | <b>Phase :</b>             | Neutral     |
| <b>Remark :</b>        | All emissions not reported here are more than 10 dB below the prescribed limit. |                            |             |



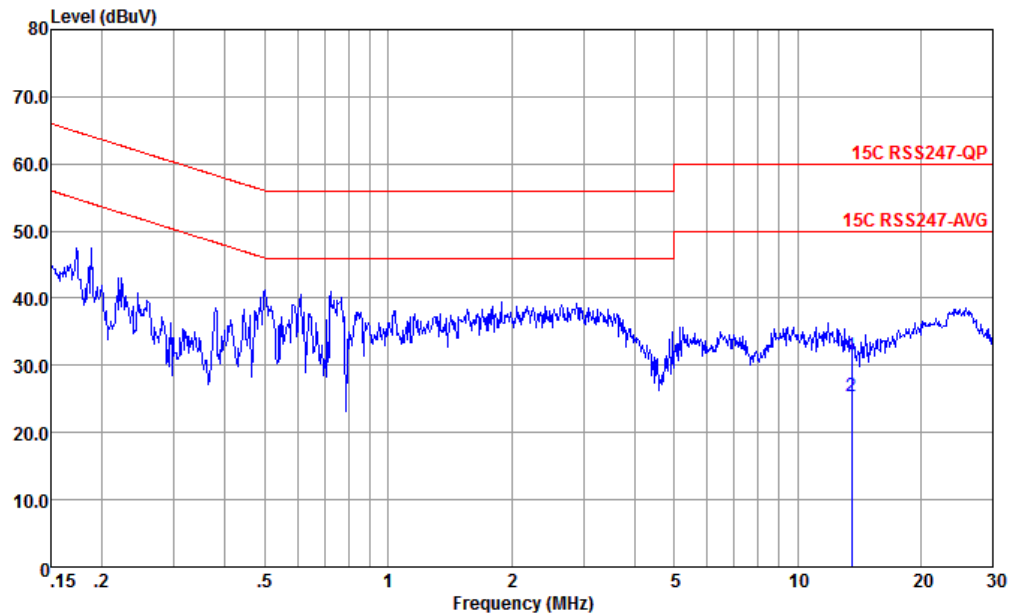
Site : CO01-KS  
Condition : 15C RSS247-QP LISN-060105-N 24+80 NEUTRAL

|      | Freq   | Level | Over   | Limit | Read  | LISN   | Cable |         |
|------|--------|-------|--------|-------|-------|--------|-------|---------|
|      | MHz    | dBuV  | Limit  | Line  | Level | Factor | Loss  | Remark  |
|      |        |       | dB     | dBuV  | dBuV  | dB     | dB    |         |
| 1    | 0.166  | 41.30 | -23.86 | 65.16 | 30.60 | 0.25   | 10.45 | QP      |
| 2    | 0.166  | 27.30 | -27.86 | 55.16 | 16.60 | 0.25   | 10.45 | Average |
| 3    | 1.411  | 37.12 | -18.88 | 56.00 | 26.49 | 0.37   | 10.26 | QP      |
| 4    | 1.411  | 24.82 | -21.18 | 46.00 | 14.19 | 0.37   | 10.26 | Average |
| 5    | 1.671  | 37.23 | -18.77 | 56.00 | 26.60 | 0.38   | 10.25 | QP      |
| 6    | 1.671  | 25.83 | -20.17 | 46.00 | 15.20 | 0.38   | 10.25 | Average |
| 7    | 1.839  | 37.23 | -18.77 | 56.00 | 26.60 | 0.39   | 10.24 | QP      |
| 8    | 1.839  | 26.53 | -19.47 | 46.00 | 15.90 | 0.39   | 10.24 | Average |
| 9    | 2.099  | 36.13 | -19.87 | 56.00 | 25.50 | 0.39   | 10.24 | QP      |
| 10   | 2.099  | 26.83 | -19.17 | 46.00 | 16.20 | 0.39   | 10.24 | Average |
| 11   | 2.422  | 35.12 | -20.88 | 56.00 | 24.50 | 0.39   | 10.23 | QP      |
| 12   | 2.422  | 27.52 | -18.48 | 46.00 | 16.90 | 0.39   | 10.23 | Average |
| 13   | 13.560 | 52.19 |        |       | 41.20 | 0.72   | 10.27 | QP      |
| 14 * | 13.560 | 51.89 |        |       | 40.90 | 0.72   | 10.27 | Average |

(1) with antenna

Remark: 13.560MHz is the NFC RF fundamental signal.

|                        |                                                                                 |                            |             |
|------------------------|---------------------------------------------------------------------------------|----------------------------|-------------|
| <b>Test Engineer :</b> | Amos Zhang                                                                      | <b>Temperature :</b>       | 25.3~26.2°C |
|                        |                                                                                 | <b>Relative Humidity :</b> | 38~40%      |
| <b>Test Voltage :</b>  | 120Vac / 60Hz                                                                   | <b>Phase :</b>             | Line        |
| <b>Remark :</b>        | All emissions not reported here are more than 10 dB below the prescribed limit. |                            |             |



Site : CO01-KS  
Condition : 15C RSS247-QP LISN-060105-L 24+80 LINE

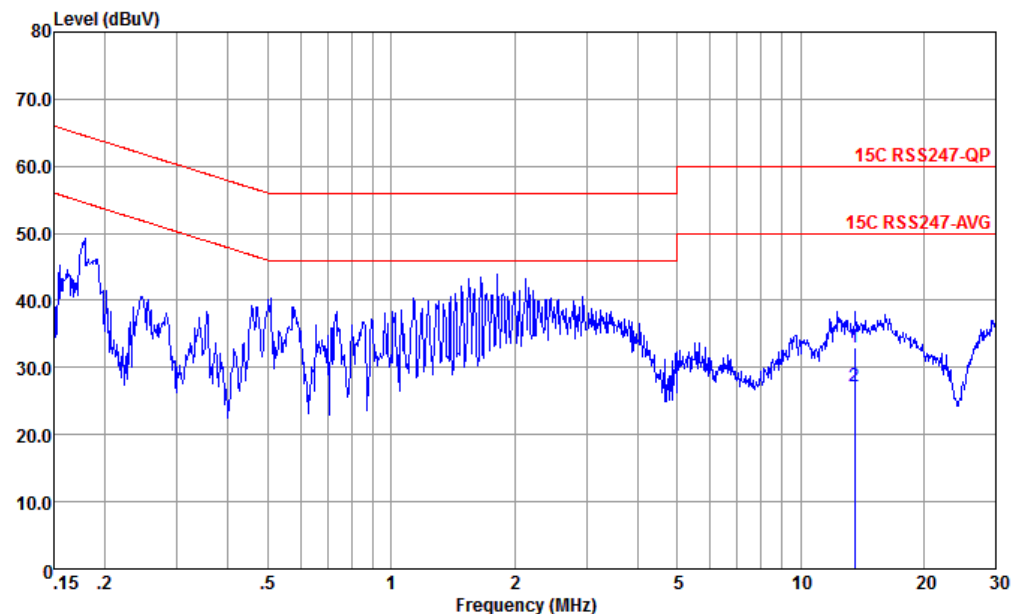
|     | Freq   | Level | Over   | Limit | Read  | LISN   | Cable |         |
|-----|--------|-------|--------|-------|-------|--------|-------|---------|
|     | MHz    | dBuV  | Limit  | Line  | Level | Factor | Loss  | Remark  |
|     |        |       | dB     | dBuV  | dBuV  | dB     | dB    |         |
| 1   | 13.560 | 31.31 | -28.69 | 60.00 | 20.30 | 0.74   | 10.27 | QP      |
| 2 * | 13.560 | 25.51 | -24.49 | 50.00 | 14.50 | 0.74   | 10.27 | Average |

(2) With dummy load

Remark: Only the fundamental NFC signal needs to be retested per KDB 174176.



|                 |                                                                                 |                     |             |
|-----------------|---------------------------------------------------------------------------------|---------------------|-------------|
| Test Engineer : | Amos Zhang                                                                      | Temperature :       | 25.3~26.2°C |
|                 |                                                                                 | Relative Humidity : | 38~40%      |
| Test Voltage :  | 120Vac / 60Hz                                                                   | Phase :             | Neutral     |
| Remark :        | All emissions not reported here are more than 10 dB below the prescribed limit. |                     |             |



Site : CO01-KS  
Condition : 15C RSS247-QP LISN-060105-N 24+80 NEUTRAL

|     | Freq   | Level | Over   | Limit | Read  | LISN   | Cable |         |
|-----|--------|-------|--------|-------|-------|--------|-------|---------|
|     | MHz    | dBuV  | Limit  | Line  | Level | Factor | Loss  | Remark  |
|     |        |       | dB     | dBuV  | dBuV  | dB     | dB    |         |
| 1   | 13.560 | 32.89 | -27.11 | 60.00 | 21.90 | 0.72   | 10.27 | QP      |
| 2 * | 13.560 | 27.29 | -22.71 | 60.00 | 16.30 | 0.72   | 10.27 | Average |

(2) With dummy load

Remark: Only the fundamental NFC signal needs to be retested per KDB 174176.

Note:

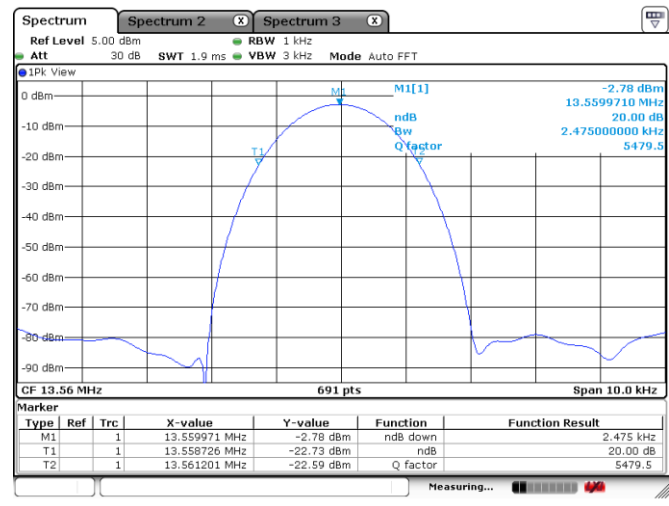
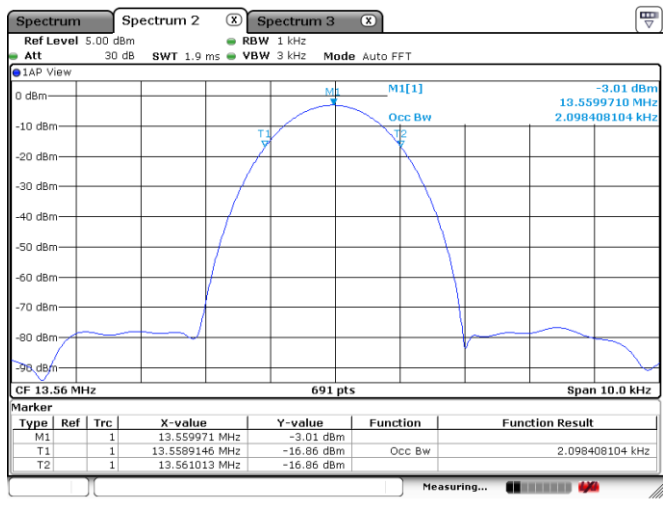
- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



## Appendix B. Test Results of Conducted Test Items

### B1. Test Result of 20dB Spectrum Bandwidth

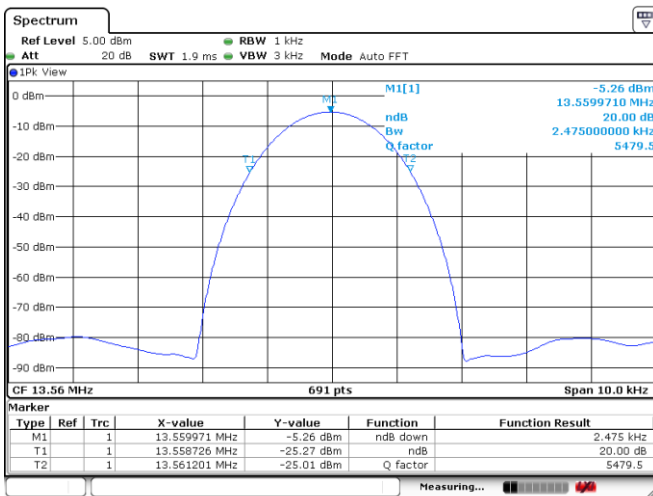
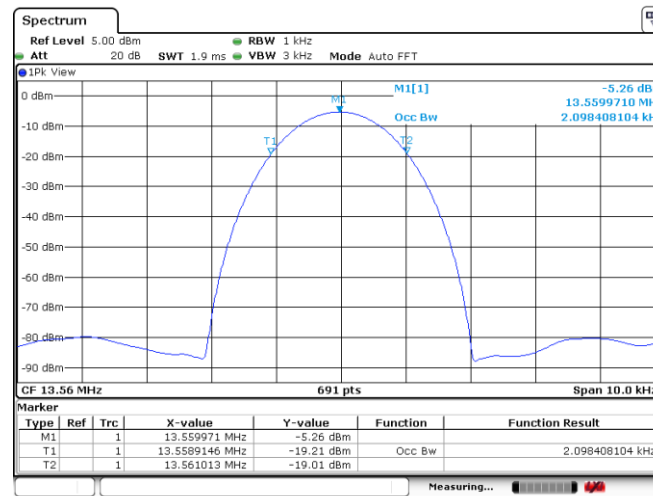
For Sample 1

| Test mode                                                                          |                | Test Frequency (MHz)                                                                |             |
|------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|-------------|
| NFC Tx                                                                             |                | 13.56                                                                               |             |
|  |                |  |             |
| 20dB Bandwidth (kHz)                                                               | 2.475          | 99% OccupiedBW(kHz)                                                                 | 2.098       |
| Frequency range (MHz)                                                              | $f_L > 13.553$ | 13.558726                                                                           | Test Result |
|                                                                                    | $f_H < 13.567$ | 13.561201                                                                           | Complies    |

**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.



## For Sample 2

| Test mode                                                                         |  | Test Frequency (MHz)                                                               |  |
|-----------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--|
| NFC Tx                                                                            |  | 13.56                                                                              |  |
|  |  |  |  |
| 20dB Bandwidth (kHz)                                                              |  | 99% OccupiedBW(kHz)                                                                |  |
| Frequency range (MHz)                                                             |  | Test Result                                                                        |  |
| $f_L > 13.553$                                                                    |  | 13.558726                                                                          |  |
| $f_H < 13.567$                                                                    |  | 13.561201                                                                          |  |
|                                                                                   |  | Complies                                                                           |  |

**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.



## B2. Test Result of Frequency Stability

For Sample 1

Startup:

| Voltage vs. Frequency Stability |                             | Temperature vs. Frequency Stability |                             |
|---------------------------------|-----------------------------|-------------------------------------|-----------------------------|
| Voltage (V)                     | Measurement Frequency (MHz) | Temperature (°C)                    | Measurement Frequency (MHz) |
| NV                              | 13.559957                   | -20                                 | 13.559957                   |
| LV                              | 13.559957                   | -10                                 | 13.559957                   |
| HV                              | 13.559957                   | 0                                   | 13.559964                   |
|                                 |                             | 10                                  | 13.559957                   |
|                                 |                             | 20                                  | 13.559957                   |
|                                 |                             | 30                                  | 13.559957                   |
|                                 |                             | 40                                  | 13.559957                   |
|                                 |                             | 50                                  | 13.559957                   |
| Max.Deviation (MHz)             | -0.000044                   | Max.Deviation (MHz)                 | -0.000044                   |
| Max.Deviation (ppm)             | -3.2080                     | Max.Deviation (ppm)                 | -3.2080                     |
| Limit                           | FS < ±100 ppm               | Limit                               | FS < ±100 ppm               |
| Test Result                     | PASS                        | Test Result                         | PASS                        |

2MIN:

| Voltage vs. Frequency Stability |                             | Temperature vs. Frequency Stability |                             |
|---------------------------------|-----------------------------|-------------------------------------|-----------------------------|
| Voltage (V)                     | Measurement Frequency (MHz) | Temperature (°C)                    | Measurement Frequency (MHz) |
| NV                              | 13.559964                   | -20                                 | 13.559964                   |
| LV                              | 13.559964                   | -10                                 | 13.559964                   |
| HV                              | 13.559964                   | 0                                   | 13.559964                   |
|                                 |                             | 10                                  | 13.559964                   |
|                                 |                             | 20                                  | 13.559964                   |
|                                 |                             | 30                                  | 13.559964                   |
|                                 |                             | 40                                  | 13.559964                   |
|                                 |                             | 50                                  | 13.559964                   |
| Max.Deviation (MHz)             | -0.000037                   | Max.Deviation (MHz)                 | -0.000037                   |
| Max.Deviation (ppm)             | -2.6917                     | Max.Deviation (ppm)                 | -2.6917                     |
| Limit                           | FS < ±100 ppm               | Limit                               | FS < ±100 ppm               |
| Test Result                     | PASS                        | Test Result                         | PASS                        |

**5MIN:**

| Voltage vs. Frequency Stability |                             | Temperature vs. Frequency Stability |                             |
|---------------------------------|-----------------------------|-------------------------------------|-----------------------------|
| Voltage (V)                     | Measurement Frequency (MHz) | Temperature (°C)                    | Measurement Frequency (MHz) |
| NV                              | 13.559964                   | -20                                 | 13.559964                   |
| LV                              | 13.559964                   | -10                                 | 13.559964                   |
| HV                              | 13.559964                   | 0                                   | 13.559964                   |
|                                 |                             | 10                                  | 13.559964                   |
|                                 |                             | 20                                  | 13.559964                   |
|                                 |                             | 30                                  | 13.559964                   |
|                                 |                             | 40                                  | 13.559964                   |
|                                 |                             | 50                                  | 13.559964                   |
| Max.Deviation (MHz)             | -0.000037                   | Max.Deviation (MHz)                 | -0.000037                   |
| Max.Deviation (ppm)             | -2.6917                     | Max.Deviation (ppm)                 | -2.6917                     |
| Limit                           | FS < ±100 ppm               | Limit                               | FS < ±100 ppm               |
| Test Result                     | PASS                        | Test Result                         | PASS                        |

**10MIN:**

| Voltage vs. Frequency Stability |                             | Temperature vs. Frequency Stability |                             |
|---------------------------------|-----------------------------|-------------------------------------|-----------------------------|
| Voltage (V)                     | Measurement Frequency (MHz) | Temperature (°C)                    | Measurement Frequency (MHz) |
| NV                              | 13.559964                   | -20                                 | 13.559964                   |
| LV                              | 13.559964                   | -10                                 | 13.559964                   |
| HV                              | 13.559964                   | 0                                   | 13.559964                   |
|                                 |                             | 10                                  | 13.559964                   |
|                                 |                             | 20                                  | 13.559964                   |
|                                 |                             | 30                                  | 13.559964                   |
|                                 |                             | 40                                  | 13.559964                   |
|                                 |                             | 50                                  | 13.559964                   |
| Max.Deviation (MHz)             | -0.000037                   | Max.Deviation (MHz)                 | -0.000037                   |
| Max.Deviation (ppm)             | -2.6917                     | Max.Deviation (ppm)                 | -2.6917                     |
| Limit                           | FS < ±100 ppm               | Limit                               | FS < ±100 ppm               |
| Test Result                     | PASS                        | Test Result                         | PASS                        |



For Sample 2

Startup:

| Voltage vs. Frequency Stability |                             | Temperature vs. Frequency Stability |                             |
|---------------------------------|-----------------------------|-------------------------------------|-----------------------------|
| Voltage (V)                     | Measurement Frequency (MHz) | Temperature (°C)                    | Measurement Frequency (MHz) |
| NV                              | 13.559964                   | -20                                 | 13.559964                   |
| LV                              | 13.559971                   | -10                                 | 13.559971                   |
| HV                              | 13.559971                   | 0                                   | 13.559964                   |
|                                 |                             | 10                                  | 13.559964                   |
|                                 |                             | 20                                  | 13.559964                   |
|                                 |                             | 30                                  | 13.559964                   |
|                                 |                             | 40                                  | 13.559964                   |
|                                 |                             | 50                                  | 13.559964                   |
| Max.Deviation (MHz)             | -0.000037                   | Max.Deviation (MHz)                 | -0.000037                   |
| Max.Deviation (ppm)             | -2.6917                     | Max.Deviation (ppm)                 | -2.6917                     |
| Limit                           | FS < ±100 ppm               | Limit                               | FS < ±100 ppm               |
| Test Result                     | PASS                        | Test Result                         | PASS                        |

2MIN:

| Voltage vs. Frequency Stability |                             | Temperature vs. Frequency Stability |                             |
|---------------------------------|-----------------------------|-------------------------------------|-----------------------------|
| Voltage (V)                     | Measurement Frequency (MHz) | Temperature (°C)                    | Measurement Frequency (MHz) |
| NV                              | 13.559971                   | -20                                 | 13.559971                   |
| LV                              | 13.559971                   | -10                                 | 13.559971                   |
| HV                              | 13.559971                   | 0                                   | 13.559971                   |
|                                 |                             | 10                                  | 13.559971                   |
|                                 |                             | 20                                  | 13.559971                   |
|                                 |                             | 30                                  | 13.559971                   |
|                                 |                             | 40                                  | 13.559971                   |
|                                 |                             | 50                                  | 13.559971                   |
| Max.Deviation (MHz)             | -0.000029                   | Max.Deviation (MHz)                 | -0.000029                   |
| Max.Deviation (ppm)             | -2.1386                     | Max.Deviation (ppm)                 | -2.1386                     |
| Limit                           | FS < ±100 ppm               | Limit                               | FS < ±100 ppm               |
| Test Result                     | PASS                        | Test Result                         | PASS                        |



## 5MIN:

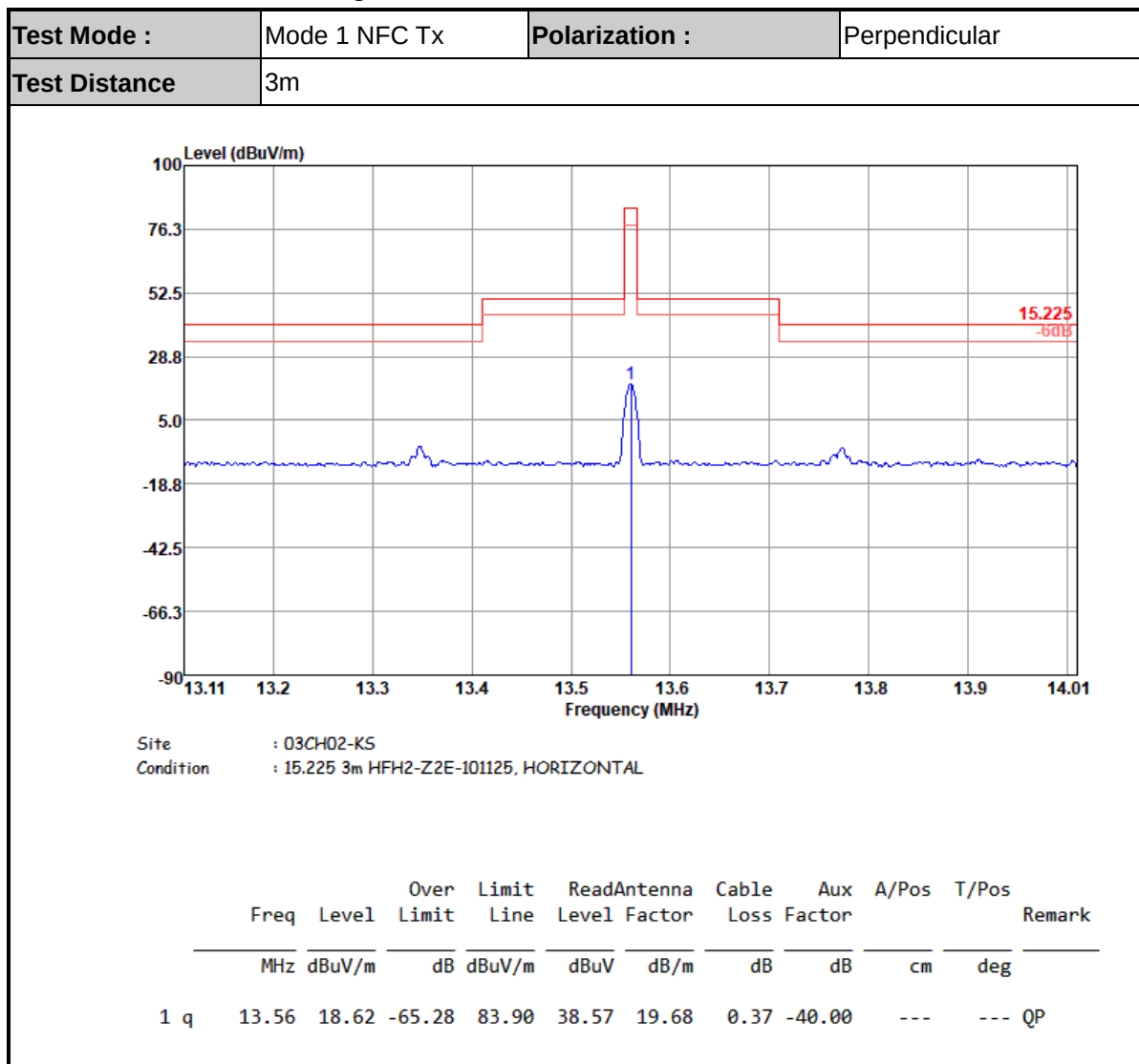
| Voltage vs. Frequency Stability |                             | Temperature vs. Frequency Stability |                             |
|---------------------------------|-----------------------------|-------------------------------------|-----------------------------|
| Voltage (V)                     | Measurement Frequency (MHz) | Temperature (°C)                    | Measurement Frequency (MHz) |
| NV                              | 13.559971                   | -20                                 | 13.559971                   |
| LV                              | 13.559971                   | -10                                 | 13.559971                   |
| HV                              | 13.559971                   | 0                                   | 13.559971                   |
|                                 |                             | 10                                  | 13.559971                   |
|                                 |                             | 20                                  | 13.559971                   |
|                                 |                             | 30                                  | 13.559971                   |
|                                 |                             | 40                                  | 13.559971                   |
|                                 |                             | 50                                  | 13.559971                   |
| Max.Deviation (MHz)             | -0.000029                   | Max.Deviation (MHz)                 | -0.000029                   |
| Max.Deviation (ppm)             | -2.1386                     | Max.Deviation (ppm)                 | -2.1386                     |
| Limit                           | FS < ±100 ppm               | Limit                               | FS < ±100 ppm               |
| Test Result                     | PASS                        | Test Result                         | PASS                        |

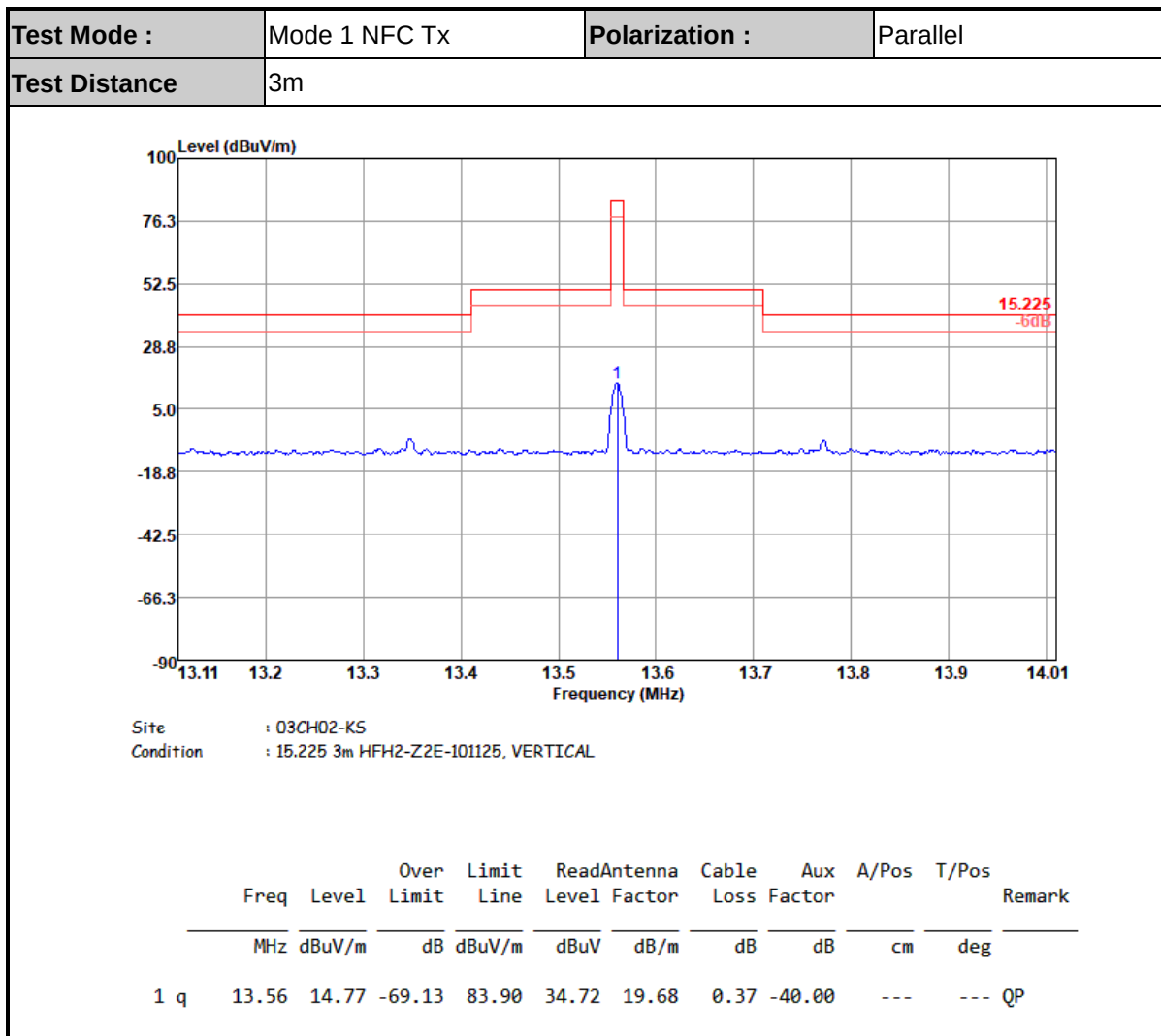
## 10MIN:

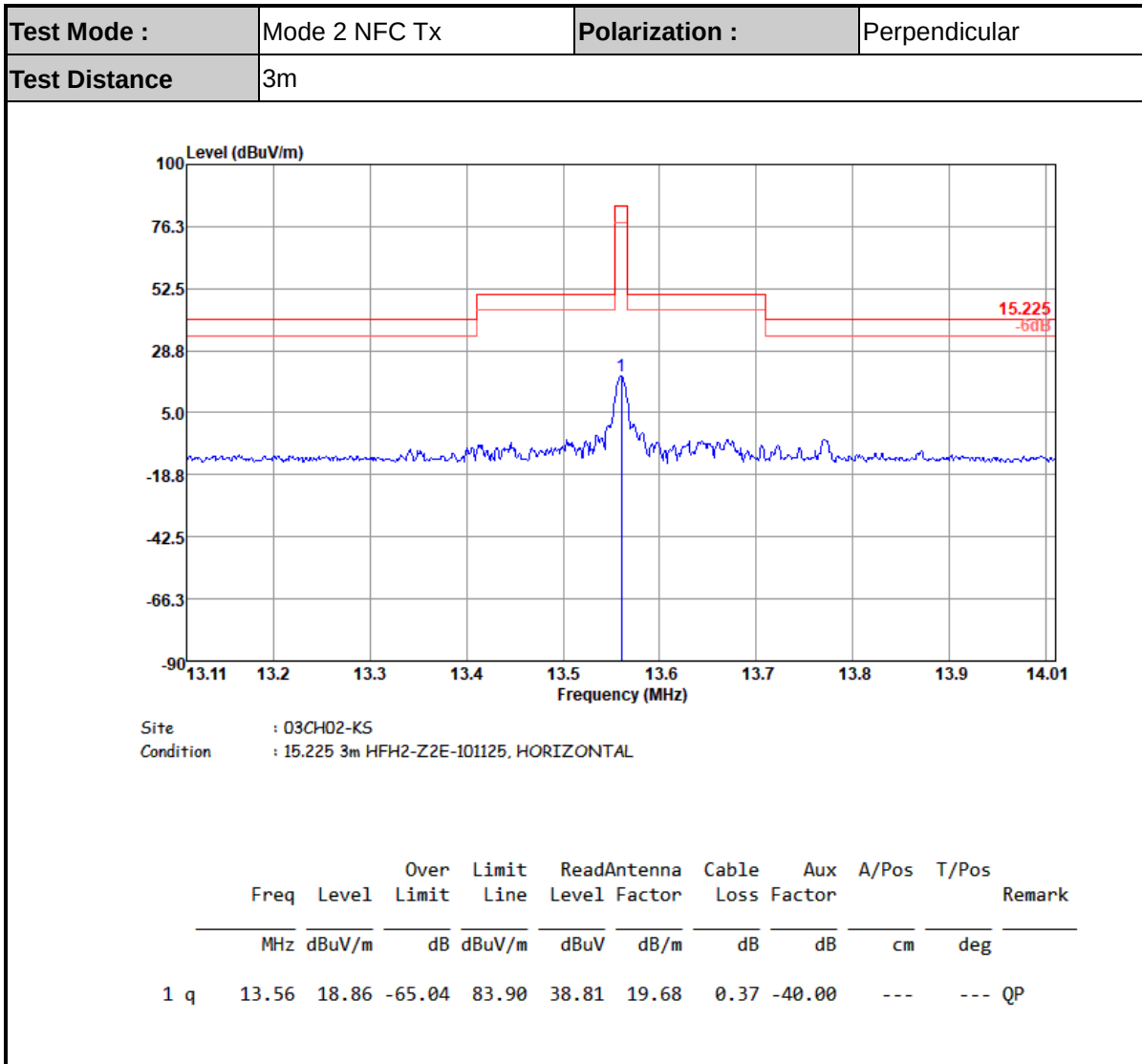
| Voltage vs. Frequency Stability |                             | Temperature vs. Frequency Stability |                             |
|---------------------------------|-----------------------------|-------------------------------------|-----------------------------|
| Voltage (V)                     | Measurement Frequency (MHz) | Temperature (°C)                    | Measurement Frequency (MHz) |
| NV                              | 13.559971                   | -20                                 | 13.559971                   |
| LV                              | 13.559971                   | -10                                 | 13.559964                   |
| HV                              | 13.559971                   | 0                                   | 13.559964                   |
|                                 |                             | 10                                  | 13.559971                   |
|                                 |                             | 20                                  | 13.559971                   |
|                                 |                             | 30                                  | 13.559971                   |
|                                 |                             | 40                                  | 13.559971                   |
|                                 |                             | 50                                  | 13.559971                   |
| Max.Deviation (MHz)             | -0.000029                   | Max.Deviation (MHz)                 | -0.000037                   |
| Max.Deviation (ppm)             | -2.1386                     | Max.Deviation (ppm)                 | -2.6917                     |
| Limit                           | FS < ±100 ppm               | Limit                               | FS < ±100 ppm               |
| Test Result                     | PASS                        | Test Result                         | PASS                        |

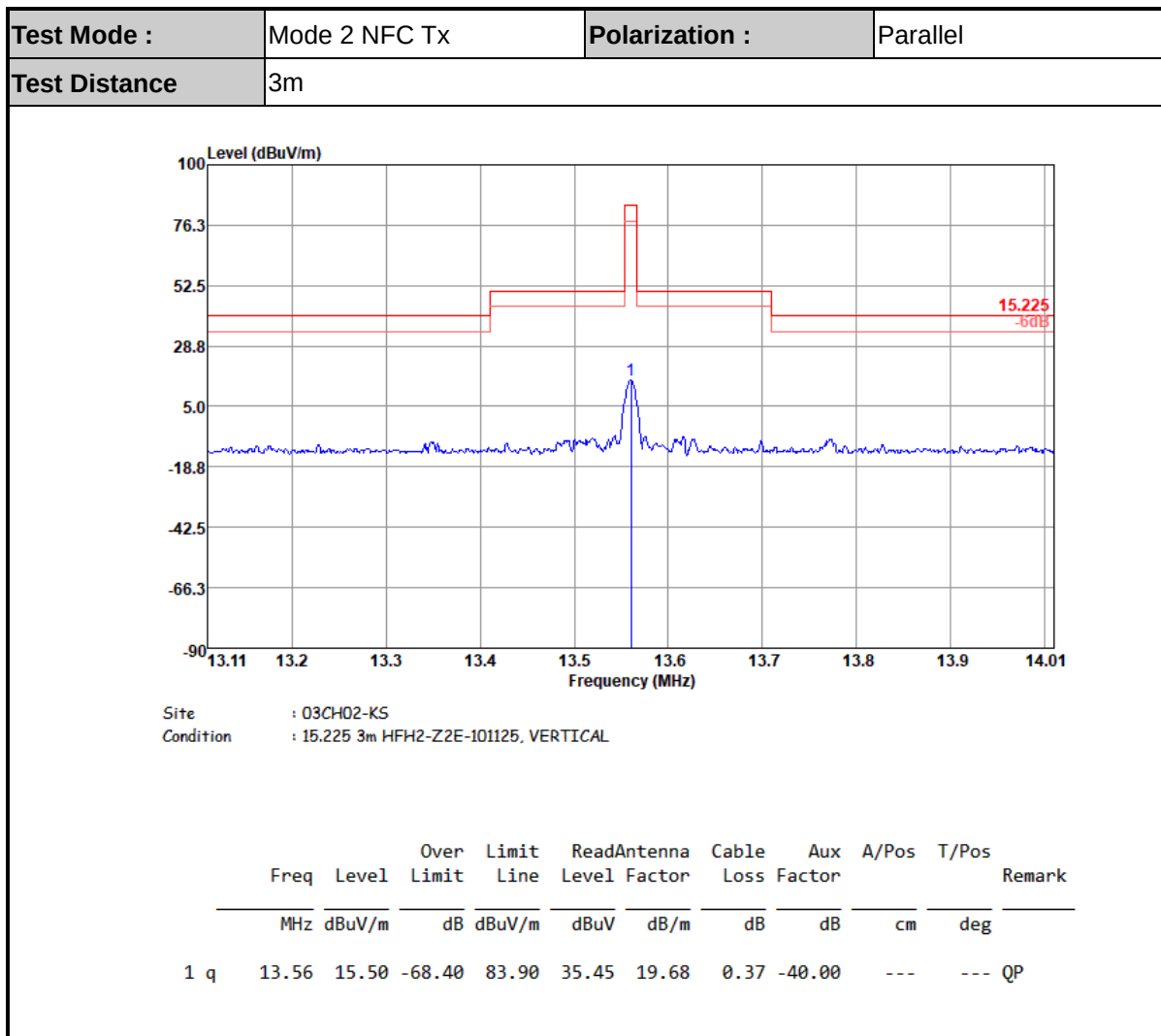
## Appendix C. Test Results of Radiated Test Items

### C1. Results of Field Strength of Fundamental Emissions



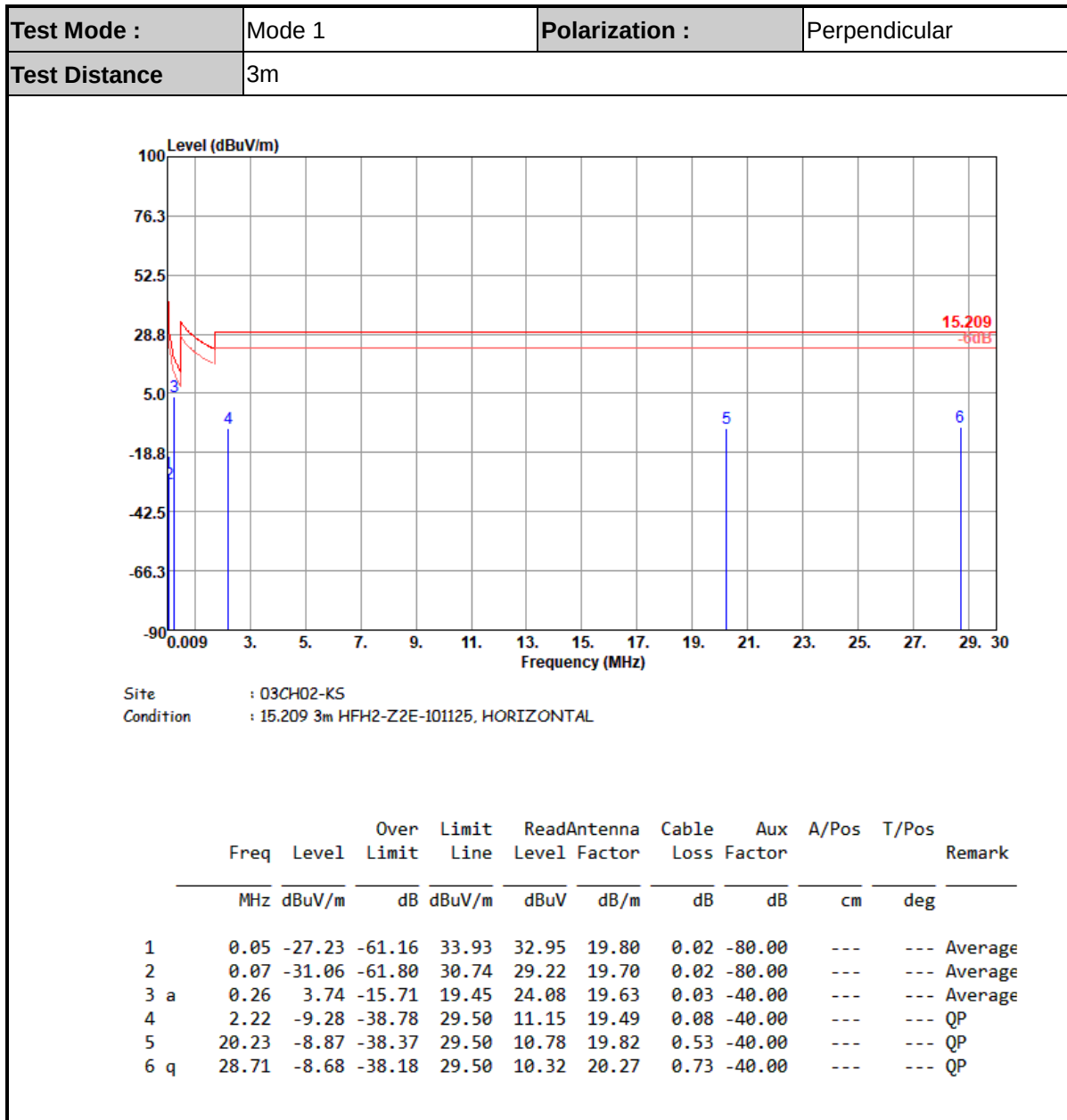


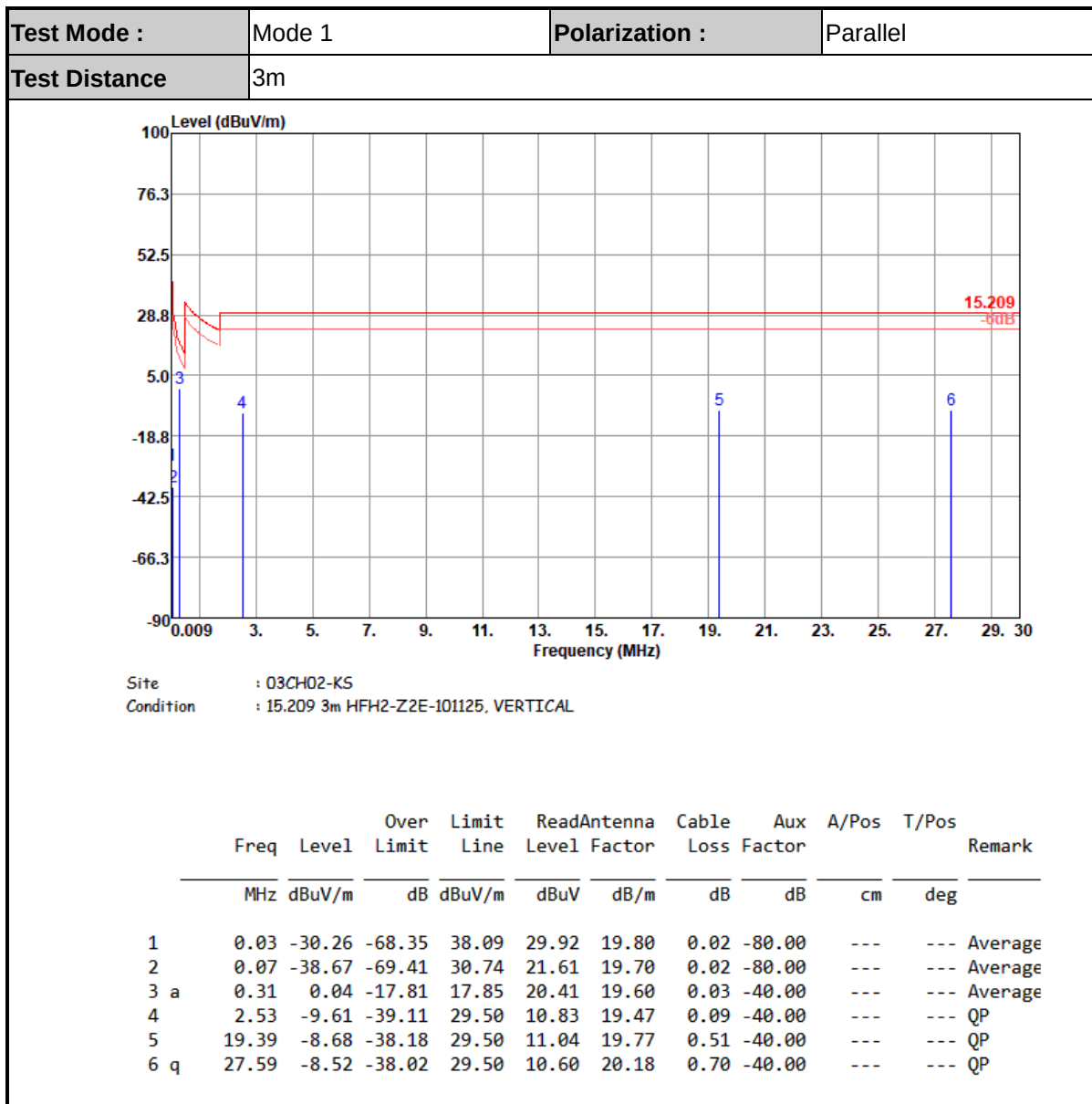


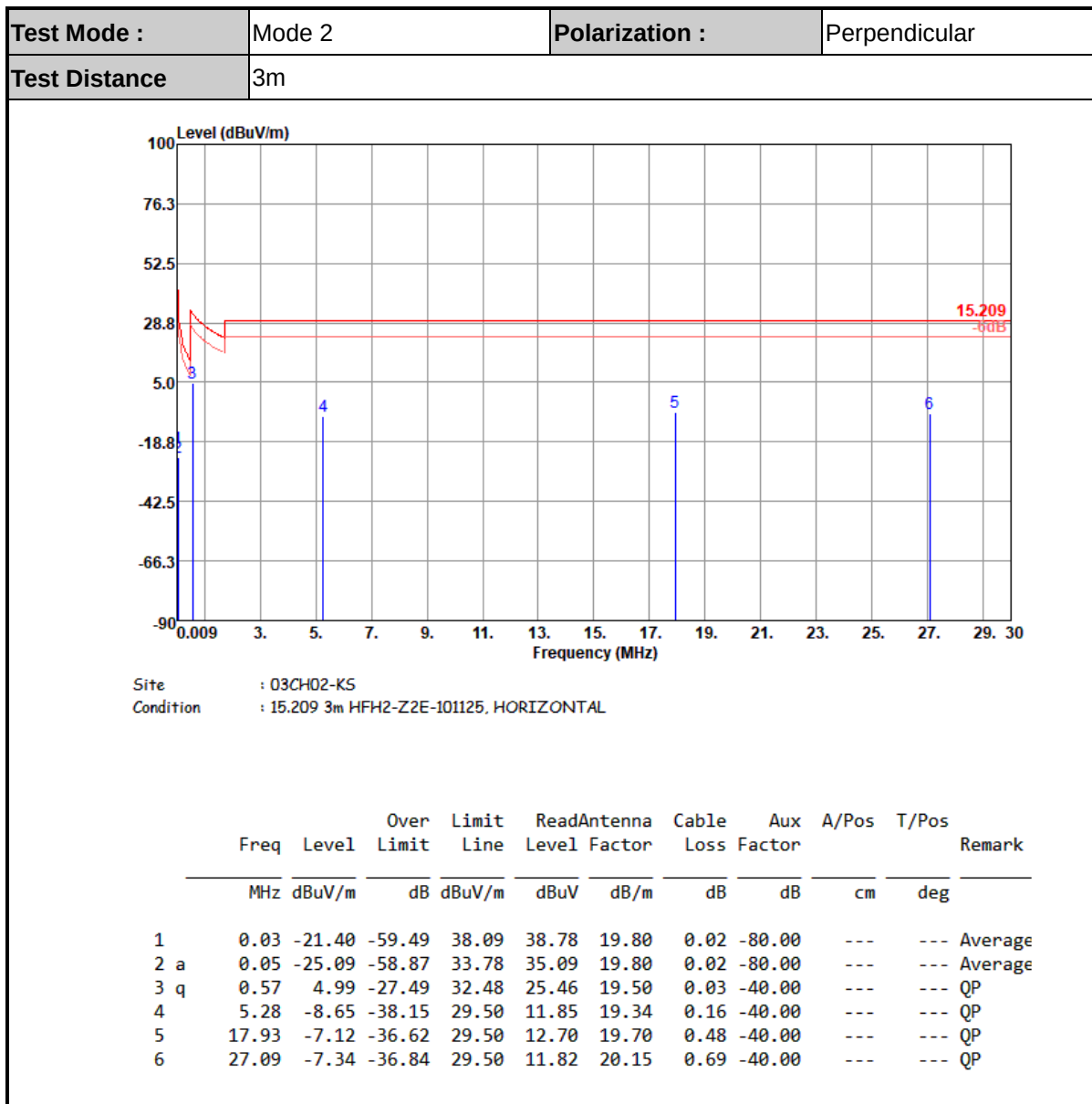


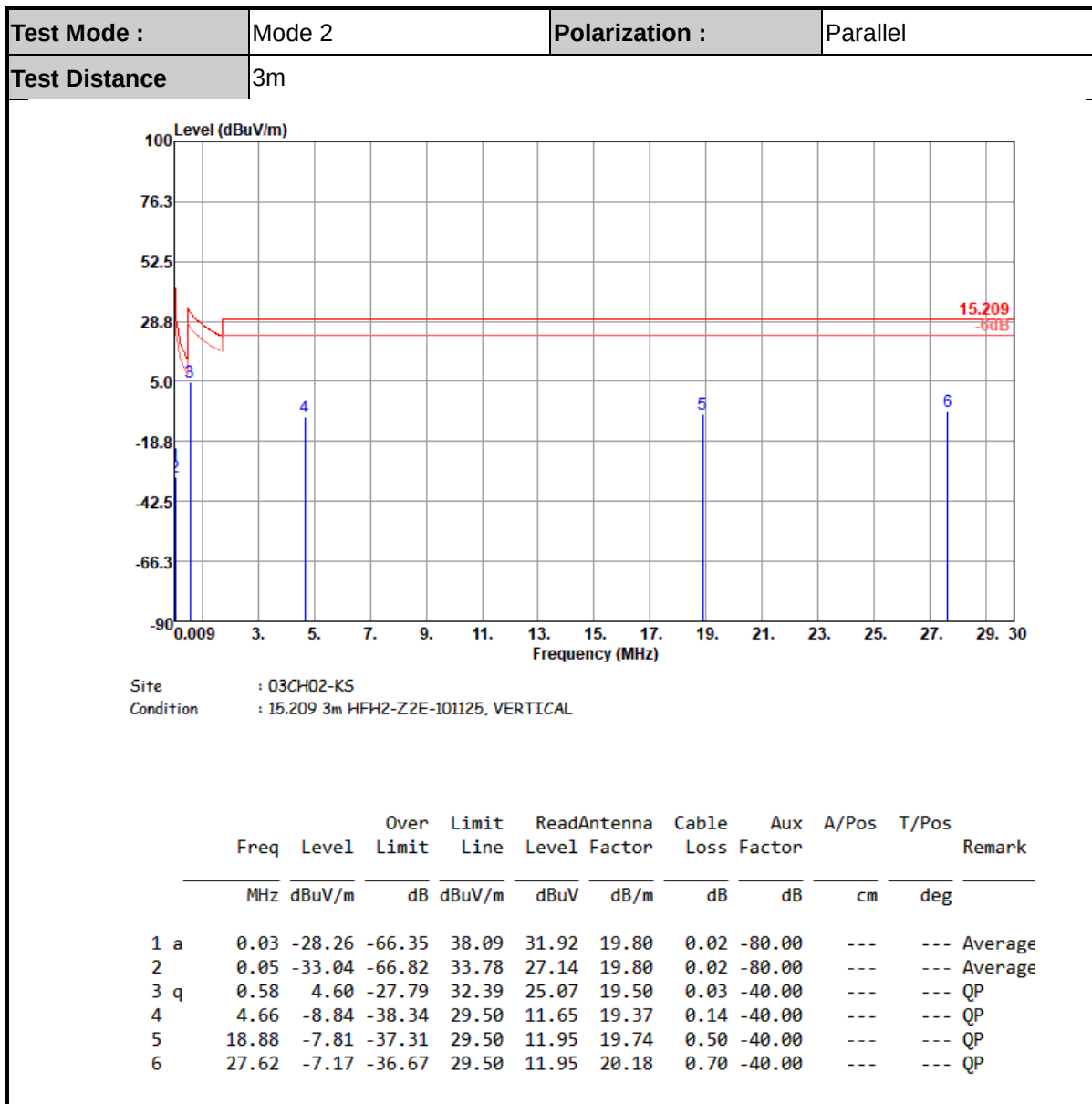
Note:

1. Distance extrapolation factor = 40 log (specific distance / test distance) (dB);
2. Level(dBμV/m) = Read Level(dBμV) + Antenna Factor(dB/m) + Cable Loss(dB) + distance extrapolation factor.
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

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







**Note:**

1. Distance extrapolation factor = 40 log (specific distance / test distance) (dB);
2. Level(dBμV/m) = Read Level(dBμV) + Antenna Factor(dB/m) + Cable Loss(dB) + Aux Factor(distance factor)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

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

| <b>Test Mode :</b>   |                     | Mode 1                  |                             |                         |                             | <b>Polarization :</b>   |                            | Horizontal           |                         |        |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|--------|
| Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark |
| 40.67                | 35.77               | -4.23                   | 40                          | 48.65                   | 19.36                       | 0.6                     | 32.84                      |                      |                         | Peak   |
| 57.16                | 34.12               | -5.88                   | 40                          | 54.02                   | 12.03                       | 0.8                     | 32.73                      |                      |                         | Peak   |
| 163.86               | 30.17               | -13.33                  | 43.5                        | 45.31                   | 16.31                       | 1.27                    | 32.72                      |                      |                         | Peak   |
| 586.78               | 25.08               | -20.92                  | 46                          | 29.66                   | 26.15                       | 2.56                    | 33.29                      |                      |                         | Peak   |
| 836.07               | 27.92               | -18.08                  | 46                          | 28.79                   | 28.82                       | 3.01                    | 32.7                       |                      |                         | Peak   |
| 967.02               | 30.25               | -23.75                  | 54                          | 27.8                    | 30.67                       | 3.26                    | 31.48                      |                      |                         | Peak   |

| <b>Test Mode :</b>   |                     | Mode 1                  |                             |                         |                             | <b>Polarization :</b>   |                            | Vertical             |                         |        |
|----------------------|---------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|----------------------------|----------------------|-------------------------|--------|
| Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>(dBμV) | Antenna<br>Factor<br>( dB ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Remark |
| 95.96                | 25.5                | -18                     | 43.5                        | 41.57                   | 15.6                        | 1                       | 32.67                      |                      |                         | Peak   |
| 157.07               | 24.31               | -19.19                  | 43.5                        | 38.99                   | 16.77                       | 1.27                    | 32.72                      |                      |                         | Peak   |
| 630.43               | 25.96               | -20.04                  | 46                          | 30.32                   | 26.3                        | 2.63                    | 33.29                      |                      |                         | Peak   |
| 736.16               | 27.94               | -18.06                  | 46                          | 30.33                   | 28.02                       | 2.81                    | 33.22                      |                      |                         | Peak   |
| 918.52               | 29.44               | -16.56                  | 46                          | 28.82                   | 29.54                       | 3.17                    | 32.09                      |                      |                         | Peak   |
| 958.29               | 30.11               | -15.89                  | 46                          | 27.77                   | 30.66                       | 3.26                    | 31.58                      |                      |                         | Peak   |

|                    |                   |               |                   |               |                |                       |               |               |                |               |
|--------------------|-------------------|---------------|-------------------|---------------|----------------|-----------------------|---------------|---------------|----------------|---------------|
| <b>Test Mode :</b> |                   | Mode 2        |                   |               |                | <b>Polarization :</b> |               | Horizontal    |                |               |
| <b>Frequency</b>   | <b>Level</b>      | <b>Over</b>   | <b>Limit</b>      | <b>Read</b>   | <b>Antenna</b> | <b>Cable</b>          | <b>Preamp</b> | <b>Ant</b>    | <b>Table</b>   | <b>Remark</b> |
| <b>( MHz )</b>     | <b>( dBμV/m )</b> | <b>Limit</b>  | <b>Line</b>       | <b>Level</b>  | <b>Factor</b>  | <b>Loss</b>           | <b>Factor</b> | <b>Pos</b>    | <b>Pos</b>     |               |
|                    |                   | <b>( dB )</b> | <b>( dBμV/m )</b> | <b>(dBμV)</b> | <b>( dB )</b>  | <b>( dB )</b>         | <b>( dB )</b> | <b>( cm )</b> | <b>( deg )</b> |               |
| 30                 | 20.6              | -19.4         | 40                | 27.94         | 25.11          | 0.36                  | 32.81         |               |                | Peak          |
| 94.99              | 23.65             | -19.85        | 43.5              | 39.84         | 15.48          | 1                     | 32.67         |               |                | Peak          |
| 294.81             | 27.02             | -18.98        | 46                | 38.89         | 19.21          | 1.76                  | 32.84         |               |                | Peak          |
| 415.09             | 27.87             | -18.13        | 46                | 36.34         | 22.39          | 2.18                  | 33.04         |               |                | Peak          |
| 823.46             | 29.18             | -16.82        | 46                | 30.48         | 28.53          | 2.98                  | 32.81         |               |                | Peak          |
| 935.01             | 28.75             | -17.25        | 46                | 27.07         | 30.38          | 3.17                  | 31.87         |               |                | Peak          |

|                    |                   |               |                   |               |                |                       |               |               |                |               |
|--------------------|-------------------|---------------|-------------------|---------------|----------------|-----------------------|---------------|---------------|----------------|---------------|
| <b>Test Mode :</b> |                   | Mode 2        |                   |               |                | <b>Polarization :</b> |               | Vertical      |                |               |
| <b>Frequency</b>   | <b>Level</b>      | <b>Over</b>   | <b>Limit</b>      | <b>Read</b>   | <b>Antenna</b> | <b>Cable</b>          | <b>Preamp</b> | <b>Ant</b>    | <b>Table</b>   | <b>Remark</b> |
| <b>( MHz )</b>     | <b>( dBμV/m )</b> | <b>Limit</b>  | <b>Line</b>       | <b>Level</b>  | <b>Factor</b>  | <b>Loss</b>           | <b>Factor</b> | <b>Pos</b>    | <b>Pos</b>     |               |
|                    |                   | <b>( dB )</b> | <b>( dBμV/m )</b> | <b>(dBμV)</b> | <b>( dB )</b>  | <b>( dB )</b>         | <b>( dB )</b> | <b>( cm )</b> | <b>( deg )</b> |               |
| 40.67              | 36.16             | -3.84         | 40                | 49.04         | 19.36          | 0.6                   | 32.84         |               |                | Peak          |
| 56.19              | 34.5              | -5.5          | 40                | 54.25         | 12.18          | 0.8                   | 32.73         |               |                | Peak          |
| 90.14              | 26.51             | -16.99        | 43.5              | 43.36         | 14.84          | 1                     | 32.69         |               |                | Peak          |
| 191.02             | 26.3              | -17.2         | 43.5              | 42.89         | 14.67          | 1.49                  | 32.75         |               |                | Peak          |
| 718.7              | 27.6              | -18.4         | 46                | 30.87         | 27.15          | 2.81                  | 33.23         |               |                | Peak          |
| 890.39             | 33.82             | -12.18        | 46                | 34.17         | 28.95          | 3.09                  | 32.39         |               |                | Peak          |

**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 (dBμV/m) = 20 log Emission level (μV/m).
3. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor= Level.