

Report No.: FR9D0635-01D



# **FCC RADIO TEST REPORT**

FCC ID : **IHDT56YJ2** 

Equipment : Mobile Cellular Phone

**Brand Name** : Motorola Model Name : XT2061-3

: Motorola Mobility, LLC **Applicant** 

> 222 W Merchandise Mart Plaza, Suite 1800, Chicago, IL 60654, United States

: Motorola Mobility, LLC Manufacturer

> 222 W Merchandise Mart Plaza, Suite 1800, Chicago, IL 60654, United States

Standard : FCC Part 15 Subpart C §15.225

The product was received on Dec. 06, 2019 and testing was started from Feb. 22, 2020 and completed on Feb. 22, 2020. 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this variant 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.

Reviewed by: Louis Wu

Lunis Win

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

FAX: 886-3-328-4978 Report Template No.: BU5-FR15CNFC Version 2.4

TEL: 886-3-327-3456

Page Number

: 1 of 16

Issued Date

: Mar. 20, 2020

Report Version : 01

## **Table of Contents**

Report No.: FR9D0635-01D

: 01

History	of this test report	3
Summa	ry of Test Result	4
1. Gene	ral Description	5
1.1	Product Feature of Equipment Under Test	5
1.2	Product Specification of Equipment Under Test	
1.3	Modification of EUT	
1.4	Testing Location	6
1.5	Applicable Standards	6
2. Test 0	Configuration of Equipment Under Test	7
2.1	Descriptions of Test Mode	
2.2	Connection Diagram of Test System	7
2.3	Table for Supporting Units	8
2.4	EUT Operation Test Setup	8
3. Test I	Results	
3.1	Field Strength of Fundamental Emissions and Mask Measurement	9
3.2	Radiated Emissions Measurement	11
3.3	Antenna Requirements	14
4. List o	of Measuring Equipment	15
5. Unce	rtainty of Evaluation	16
Append	ix A. Test Results of Radiated Test Items	

- A1. Test Result of Field Strength of Fundamental Emissions
- A2. Results of Radiated Emissions (9 kHz~30MHz)
- A3. Results of Radiated Emissions (30MHz~1GHz)

TEL: 886-3-327-3456 Page Number : 2 of 16
FAX: 886-3-328-4978 Issued Date : Mar. 20, 2020

## History of this test report

Report No.: FR9D0635-01D

Report No.	Version	Description	Issued Date
FR9D0635-01D	01	Initial issue of report	Mar. 20, 2020

TEL: 886-3-327-3456 Page Number : 3 of 16
FAX: 886-3-328-4978 Issued Date : Mar. 20, 2020

## **Summary of Test Result**

Report No.: FR9D0635-01D

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	15.207	AC Power Line Conducted Emissions	Not Required	-
	15.215(c)	20dB Spectrum Bandwidth	Not Required	-
-	2.1049	99% OBW Spectrum Bandwidth	Not Required	-
-	15.225(e)	Frequency Stability	Not Required	-
3.1	15.225(a)(b)(c)	Field Strength of Fundamental Emissions	Pass	Max level 21.43 dBµV/m at 13.560 MHz
3.2	15.225(d) 15.209	Radiated Spurious Emissions	Pass	Under limit 6.28 dB at 40.670MHz
3.3	15.203	Antenna Requirements	Pass	-

#### Remark:

- 1. Not required means after assessing, test items are not necessary to carry out.
- This is a variant report which can be referred Product Equality Declaration. All the test cases
  were performed on original report which can be referred to Sporton Report Number
  FR9D0635D. Based on the original report, only worst case was verified.

#### 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: Ann Lee

TEL: 886-3-327-3456 Page Number : 4 of 16 FAX: 886-3-328-4978 Issued Date : Mar. 20, 2020

## 1. General Description

## 1.1 Product Feature of Equipment Under Test

Product Feature				
Equipment	Mobile Cellular Phone			
Brand Name	Motorola			
Model Name	XT2061-3			
FCC ID	IHDT56YJ2			
IMEI Code	<b>Radiation:</b> IMEI : 359124100006316			
CDMA/EV-DO/GSM/EGPRS/WCDMA/HSPA/LTE/ GNSS/NFC/WPC WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 WLAN 11ax HE20/HE40/HE80 Bluetooth BR/EDR/LE				
HW Version	DVT2			
EUT Stage Identical Prototype				

Report No.: FR9D0635-01D

Remark: The above EUT's information was declared by manufacturer.

Accessory List			
	Brand Name: Motorola		
AC Adapter 1	Model Name: SC-51 (SA18C30116)		
	Manufacturer : Chenyang		
	Brand Name: Motorola		
AC Adapter 2	Model Name: SC-51 (SA18C62985)		
	Manufacturer : Acbel		
Battery	Brand Name: ATL		
Battery	Model Name: LW50		
USB Cable 1	Brand Name: Motorola		
USB Cable 1	Model Name: SC18C24367		
USB Cable 2	Brand Name: Motorola		
OGD Cable 2	Model Name: SC18C24368		

## 1.2 Product Specification of Equipment Under Test

Standards-related Product Specification			
Tx/Rx Frequency	13.56MHz		
Channel Number	1		
Antenna Type	Ferrite + FPC Antenna		
Type of Modulation	ASK		

**Remark:** The above EUT's information was declared by manufacturer.

TEL: 886-3-327-3456 Page Number : 5 of 16
FAX: 886-3-328-4978 Issued Date : Mar. 20, 2020

### 1.3 Modification of EUT

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

## 1.4 Testing Location

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory		
Test Site Location  No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,  Taoyuan City, Taiwan (R.O.C.)  TEL: +886-3-327-0868  FAX: +886-3-327-0855			
Test Site No.	Sporton Site No.		
rest Site No.	03CH11-HY		
Test Engineer	Troye Hsieh		
Temperature	19.2~23.2℃		
Relative Humidity	54.4~65.3%		

Report No.: FR9D0635-01D

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

FCC designation No.: TW0007

## 1.5 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

TEL: 886-3-327-3456 Page Number : 6 of 16 FAX: 886-3-328-4978 Issued Date : Mar. 20, 2020

## 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		
Field Strength of Fundamental Emissions		
Radiated Emissions 9kHz~30MHz	Radiated Emissions 30MHz~1GHz	

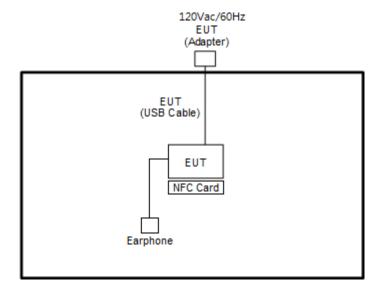
Report No.: FR9D0635-01D

Remark: For Radiated Test Cases, the tests were performed with Adapter 1 and USB Cable 1

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.

## 2.2 Connection Diagram of Test System

<NFC Tx Mode>



TEL: 886-3-327-3456 Page Number : 7 of 16
FAX: 886-3-328-4978 Issued Date : Mar. 20, 2020

## 2.3 Table for Supporting Units

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	NFC Card	N/A	N/A	N/A	N/A	N/A
2.	Earphone	Moto	NASH38C16618	N/A	Unshielded, 1.0 m	N/A

Report No.: FR9D0635-01D

## 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 3 cm gap to the EUT.

TEL: 886-3-327-3456 Page Number : 8 of 16
FAX: 886-3-328-4978 Issued Date : Mar. 20, 2020

## 3. Test Results

## 3.1 Field Strength of Fundamental Emissions and Mask Measurement

Report No.: FR9D0635-01D

### 3.1.1 Limit

Rules and specifications	FCC CFR 47 Part 15 section 15.225			
Description	Compliance with th	Compliance with the spectrum mask is tested with RBW set to 9kHz.		
From of Emission (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

### 3.1.2 Measuring Instruments

See list of measuring instruments of this test report.

TEL: 886-3-327-3456 Page Number : 9 of 16
FAX: 886-3-328-4978 Issued Date : Mar. 20, 2020

#### 3.1.3 Test Procedures

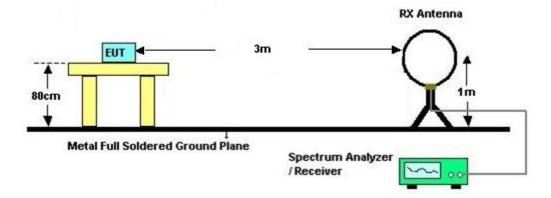
 Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the loop receiving antenna mounted antenna tower was placed 3 meters far away from the turntable.

Report No.: FR9D0635-01D

- 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 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 9kHz.
   Note: Emission level (dBμV/m) = 20 log Emission level (μV/m).

#### 3.1.4 Test Setup

For radiated emissions below 30MHz



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

Please refer to Appendix A.

TEL: 886-3-327-3456 Page Number : 10 of 16 FAX: 886-3-328-4978 Issued Date : Mar. 20, 2020

### 3.2 Radiated Emissions Measurement

#### 3.2.1 Limit

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

Report No.: FR9D0635-01D

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

### 3.2.2 Measuring Instruments

See list of measuring instruments of this test report.

### 3.2.3 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.

TEL: 886-3-327-3456 Page Number : 11 of 16
FAX: 886-3-328-4978 Issued Date : Mar. 20, 2020

#### 3.2.4 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.

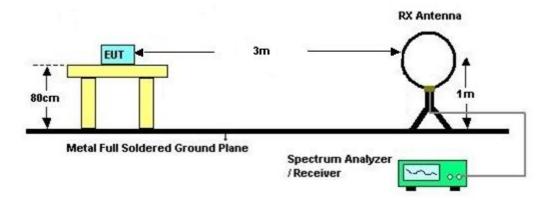
Report No.: FR9D0635-01D

- 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.
- 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.

TEL: 886-3-327-3456 Page Number : 12 of 16
FAX: 886-3-328-4978 Issued Date : Mar. 20, 2020

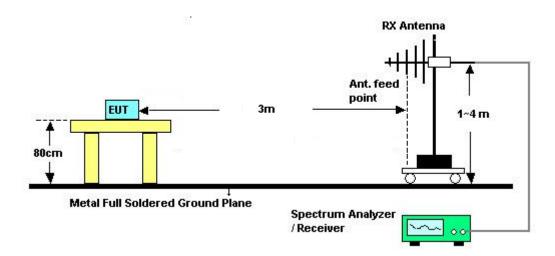
## 3.2.5 Test Setup

#### For radiated emissions below 30MHz



Report No.: FR9D0635-01D

#### For radiated emissions above 30MHz



#### 3.2.6 Test Result of Radiated Emissions Measurement

Please refer to Appendix A.

**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.

TEL: 886-3-327-3456 Page Number : 13 of 16
FAX: 886-3-328-4978 Issued Date : Mar. 20, 2020

## 3.3 Antenna Requirements

#### 3.3.1 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.

Report No.: FR9D0635-01D

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.

#### 3.3.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

TEL: 886-3-327-3456 Page Number : 14 of 16
FAX: 886-3-328-4978 Issued Date : Mar. 20, 2020

## 4. List of Measuring Equipment

Instrument	nt Manufacturer Model No		Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Software	Audix	E3 6.2009-8-24	RK-00105	N/A	N/A	Feb. 22, 2020	N/A	Radiation (03CH11-HY)
Amplifier	SONOMA 310f		187312	9kHz~1GHz	Dec. 03, 2019	Feb. 22, 2020	Dec. 02, 2020	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	35414 & AT-N0602	30MHz~1GHz	Oct. 12, 2019	Feb. 22, 2020	Oct. 11, 2020	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jan. 09, 2020	Feb. 22, 2020	Jan. 08, 2021	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Feb. 22, 2020	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500- B	N/A	1~4m	N/A	Feb. 22, 2020	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Feb. 22, 2020	N/A	Radiation (03CH11-HY)
EMI Test Receiver	Agilent	N9038A(MXE )	MY554201 70	20MHz~8.4GHz	Mar. 08, 2019	Feb. 22, 2020	Mar. 07, 2020	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY542004 86	10Hz~44GHz	Oct. 28, 2019	Feb. 22, 2020	Oct. 27, 2020	Radiation (03CH11-HY)
Filter	Wainwright	WHK20/1000 C7/40SS	SN2	20M High Pass	Sep. 15, 2019	Feb. 22, 2020	Sep. 14, 2020	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	9kHz-30MHz	Mar. 13, 2019	Feb. 22, 2020	Mar. 12, 2020	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	30M-18G	Mar. 13, 2019	Feb. 22, 2020	Mar. 12, 2020	Radiation (03CH11-HY)
RF Cable	HUBER + SUCOFLEX SUHNER 102		MY2859/2	30MHz-40GHz	Mar. 13, 2019	Feb. 22, 2020	Mar. 12, 2020	Radiation (03CH11-HY)
Hygrometer	TECPEL			N/A	Nov. 07, 2019	Feb. 22, 2020	Nov. 06, 2020	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTN-303B	TP161237	N/A	Oct. 25, 2019	Feb. 22, 2020	Oct. 24, 2020	Radiation (03CH11-HY)

Report No.: FR9D0635-01D

TEL: 886-3-327-3456 Page Number : 15 of 16
FAX: 886-3-328-4978 Issued Date : Mar. 20, 2020

## 5. Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence	2.40
of 95% (U = 2Uc(y))	3.12

Report No.: FR9D0635-01D

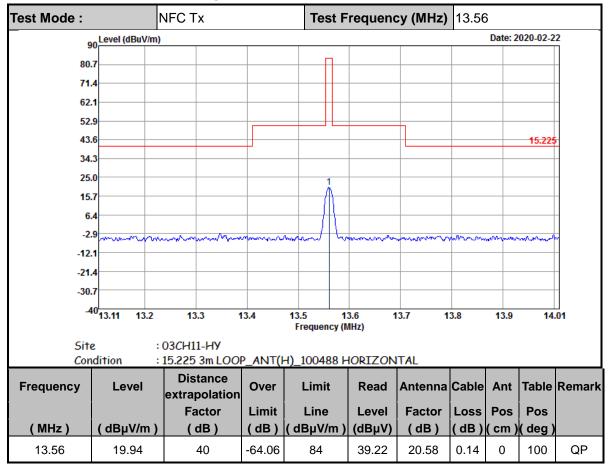
#### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence	5.20
of 95% (U = 2Uc(y))	3.20

TEL: 886-3-327-3456 Page Number : 16 of 16
FAX: 886-3-328-4978 Issued Date : Mar. 20, 2020

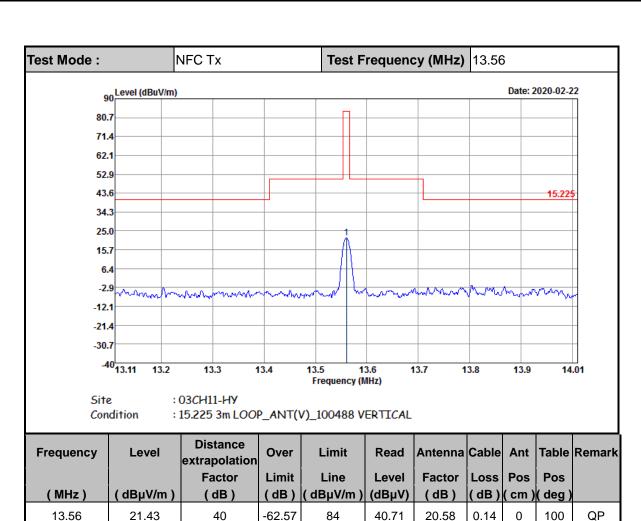
## **Appendix A. Test Results of Radiated Test Items**

#### A1. Test Result of Field Strength of Fundamental Emissions



Report No.: FR9D0635-01D

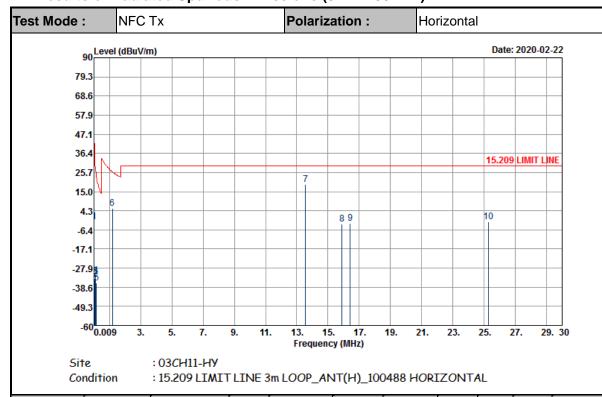
TEL: 886-3-327-3456 Page Number : A1 of A6



Report No.: FR9D0635-01D

TEL: 886-3-327-3456 Page Number : A2 of A6

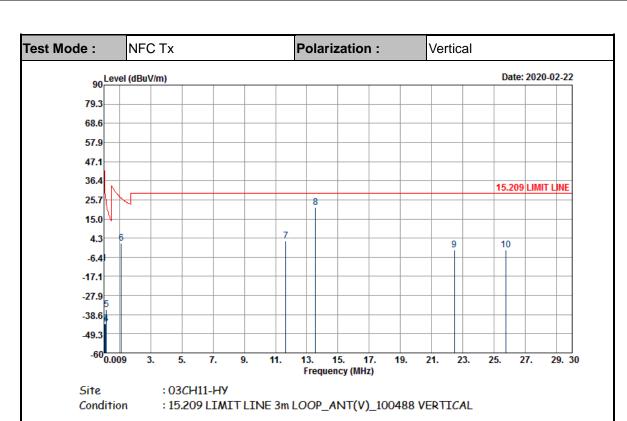
### A2. Results of Radiated Spurious Emissions (9 kHz~30MHz)



Report No.: FR9D0635-01D

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)	
0.01925	-1.91	80	-43.83	41.92	58.95	19.13	0.01	-	-	Average
0.06912	-33.78	80	-64.59	30.81	27.3	18.91	0.01	-	-	Average
0.10998	-32.28	80	-59.06	26.78	29.11	18.6	0.01	-	-	QP
0.11	-31.95	80	-58.73	26.78	29.44	18.6	0.01	-	-	Average
0.15612	-36.29	80	-60.03	23.74	25.1	18.6	0.01	-	-	Average
1.188	5.6	40	-20.5	26.1	26.99	18.6	0.01	100	0	QP
13.56	18.99	40	-10.51	29.5	38.27	20.58	0.14	-	-	QP
15.888	-3.06	40	-32.56	29.5	16.02	20.77	0.15	-	-	QP
16.423	-2.68	40	-32.18	29.5	16.35	20.81	0.16	-	-	QP
25.29	-1.75	40	-31.25	29.5	16.85	21.21	0.19	-	-	QP

TEL: 886-3-327-3456 Page Number : A3 of A6



Report No.: FR9D0635-01D

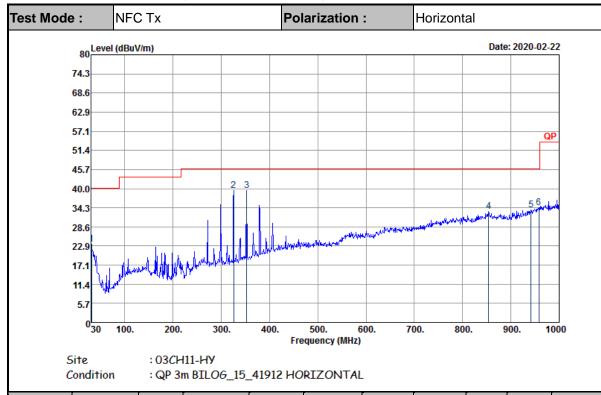
Frequency	Level	Distance extrapolation	Over	Limit	Read	Antenna	Cable	Ant	Table	Remark
		Factor	Limit	Line	Level	Factor	Loss	Pos	Pos	
(MHz)	(dBµV/m)	( dB )	(dB)	$(dB\mu V/m)$	(dBµV)	( dB )	( dB )	( cm )	( deg )	
0.0192	-10.06	80	-52	41.94	50.8	19.13	0.01	-	-	Average
0.06909	-43.57	80	-74.39	30.82	17.51	18.91	0.01	-	-	Average
0.11	-43.77	80	-70.55	26.78	17.62	18.6	0.01	-	-	QP
0.11	-43.66	80	-70.44	26.78	17.73	18.6	0.01	-	-	Average
0.15714	-35.9	80	-59.58	23.68	25.49	18.6	0.01	-	-	Average
1.128	1.21	40	-25.35	26.56	22.6	18.6	0.01	100	0	QP
11.648	2.54	40	-26.96	29.5	21.97	20.43	0.14	-	-	QP
13.56	21.46	40	-8.04	29.5	40.74	20.58	0.14	-	-	QP
22.444	-2.46	40	-31.96	29.5	16.21	21.15	0.18	-	-	QP
25.755	-2.36	40	-31.86	29.5	16.23	21.22	0.19	-	-	QP

#### Note:

- 1. 13.56 MHz is fundamental signal which can be ignored.
- 2. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
- 3. Distance extrapolation factor = 40 log (specific distance / test distance) (dB);
- 4. Limit line = specific limits ( $dB\mu V$ ) + distance extrapolation factor.

TEL: 886-3-327-3456 Page Number : A4 of A6

### A3. Results of Radiated Spurious Emissions (30MHz~1GHz)

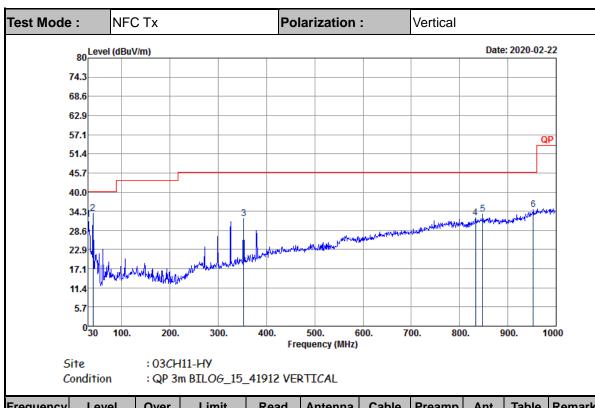


Report No.: FR9D0635-01D

Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
		Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
(MHz)	$(dB\mu V/m)$	(dB)	(dBµV/m)	(dBµV)	( dB )	( dB )	( dB )	( cm )	(deg)	
30.97	23.31	-16.69	40	29.99	24.81	0.93	32.42	-	-	Peak
325.85	39.45	-6.55	46	49.41	19.63	2.54	32.13	100	0	Peak
353.01	39.4	-6.6	46	48.3	20.52	2.63	32.05	-	-	Peak
853.53	33.15	-12.85	46	30.72	29.2	5.16	31.93	-	-	Peak
941.8	33.59	-12.41	46	29.21	30.41	5.15	31.18	-	-	Peak
958.29	34.24	-11.76	46	28.72	31.13	5.35	30.96	-	-	Peak

TEL: 886-3-327-3456 Page Number : A5 of A6





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	31.82	-8.18	40	38.11	25.2	0.93	32.42	-	-	Peak
40.67	33.72	-6.28	40	45.86	19.4	0.94	32.48	100	0	Peak
353.01	32.01	-13.99	46	40.91	20.52	2.63	32.05	-	-	Peak
833.16	32.31	-13.69	46	30.49	28.63	5.21	32.02	-	-	Peak
847.71	33.5	-12.5	46	31.12	29.15	5.18	31.95	-	-	Peak
952.47	34.69	-11.31	46	29.53	30.95	5.25	31.04	-	-	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 (dB $\mu$ V/m) = 20 log Emission level ( $\mu$ V/m).
- 3. Corrected Reading: Antenna Factor + Cable Loss + Read Level Preamp Factor= Level.

———THE END———

Report No.: FR9D0635-01D

TEL: 886-3-327-3456 Page Number : A6 of A6