FCC RADIO TEST REPORT

FCC ID	:	**IHDT56ZB2**
Equipment	:	**Mobile Cellular Phone**
Brand Name	:	**Motorola**
Model Name	:	**XT2071-4**
Applicant	:	**Motorola Mobility, LLC** **222 W Merchandise Mart Plaza, Suite 1800, Chicago, IL 60654, United States**
Manufacturer	:	**Motorola Mobility, LLC** **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 May 12, 2020 and testing was started from May 18, 2020 and completed on Jul. 01, 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 test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Reviewed by: Louis Wu

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR051232D	01	Initial issue of report	Jul. 29, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.207	AC Power Line Conducted Emissions	Pass	Under limit 15.63 dB at 0.597MHz
3.2	15.215(c)	20dB Spectrum Bandwidth	Pass	-
	2.1049	99% OBW Spectrum Bandwidth	Reporting only	-
3.3	15.225(e)	Frequency Stability	Pass	-
3.4	15.225(a)(b)(c)	Field Strength of Fundamental Emissions	Pass	Max level 19.33 dBμV/m at 13.560 MHz
3.5	15.225(d) 15.209	Radiated Spurious Emissions	Pass	Under limit 10.24 dB at 203.630MHz
3.6	15.203	Antenna Requirements	Pass	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang

Report Producer: Cindy Liu

1. General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2071-4
FCC ID	IHDT56ZB2
IMEI Code	**Conducted :** IMEI 1: 351648110008910 IMEI 2: 351648110008928 **Conduction** : IMEI 1: 351648110009132 IMEI 2: 351648110009140 **Radiation** : IMEI 1: 351648110008910 IMEI 2: 351648110008928
EUT supports Radios application	CDMA/EV-DO/GSM/EGPRS/WCDMA/HSPA/LTE/5G NR/ GNSS/NFC WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE
HW Version	DVT2
EUT Stage	Identical Prototype

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

Accessory List	
AC Adapter 1 (US)	Brand Name : Motorola
	Model Name : SC-51
	Manufacturer : Chenyang
AC Adapter 1 (EU)	Brand Name : Motorola
	Model Name : SC-52
	Manufacturer : Chenyang
AC Adapter 1 (UK)	Brand Name : Motorola
	Model Name : SC-53UK
	Manufacturer : Chenyang
AC Adapter 1 (AR)	Brand Name : Motorola
	Model Name : SC-56
	Manufacturer : Chenyang
AC Adapter 1 (AU)	Brand Name : Motorola
	Model Name : SC-55AU
	Manufacturer : Chenyang
AC Adapter 2 (US)	Brand Name : Motorola
	Model Name : SC-51
	Manufacturer : Acbel
AC Adapter 2 (EU)	Brand Name : Motorola
	Model Name : SC-52
	Manufacturer : Acbel
AC Adapter 2 (AR)	Brand Name : Motorola
	Model Name : SC-56
	Manufacturer : Acbel
AC Adapter 3 (IN)	Brand Name : Motorola
	Model Name : SC-54
	Manufacturer : Salom
Battery 1	Brand Name : Motorola
	Model Name : LS30
	Manufacturer : ATL
Battery 2	Brand Name : Motorola
	Model Name : LS40
	Manufacturer : ATL
Standard 3.5mm Headset 1	Brand Name : Motorola
	Model Name : SH38C37773
	Manufacturer : Lianyun
Standard 3.5mm Headset 2	Brand Name : Motorola
	Model Name : SH38C44959
	Manufacturer : Lianyun
USB-C to 3.5mm headset adaptor 1	Brand Name : Motorola
	Model Name : SC18C27844
USB-C to 3.5mm headset adaptor 2	Brand Name : Motorola
	Model Name : SC18C27845
USB Cable 1	Brand Name : Motorola
	Model Name : SC18C24367
	Manufacturer : Saibao
USB Cable 2	Brand Name : Motorola
	Model Name : SC18C24368
	Manufacturer : Luxshare

1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency	13.56MHz
Channel Number	1
20dBW	2.66 KHz
99%OBW	2.24 KHz
Antenna Type	Flex antenna with winding coil pattern Antenna
Type of Modulation	ASK

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

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.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	**Sporton Site No.**	
	TH03-HY	CO05-HY
Test Engineer	Louis Chung	Tom Lee and Howard Huang
Temperature	22~24°C	21~25°C
Relative Humidity	53~55%	38~48%

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

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.**
	03CH11-HY
Test Engineer	Cookie Ku and Fu Chen
Temperature	19.9~23.2°C
Relative Humidity	58.7~67.9%

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

FCC designation No.: TW1190 and 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

Remark:

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

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

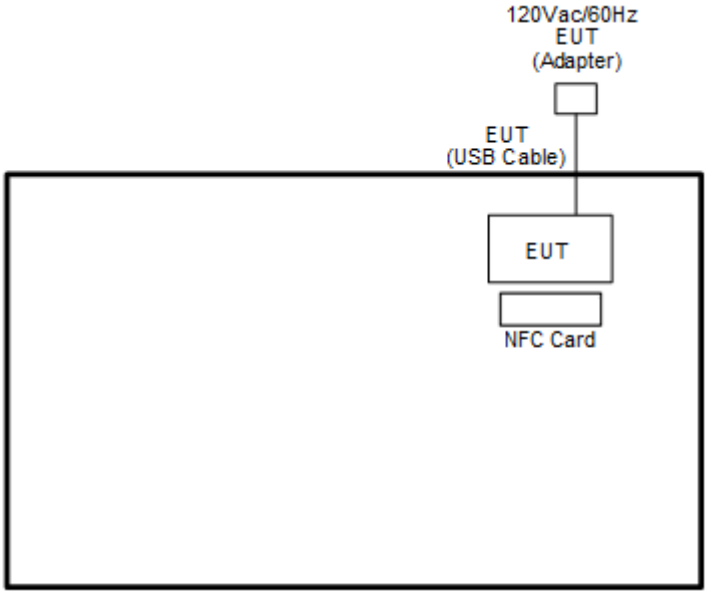
The EUT pre-scanned in four NFC type, A, B, F, V. The worst type (type F with earphone for open mode; type B with adapter for open mode; type F with adapter for close mode) was recorded in this report.

Pre-scanned tests, X, Y, Z and accessory (adapter or earphone) in three orthogonal panels to determine the final configuration (Z plane with earphone for open mode; Z plane with adapter for open mode and close mode as worst plane) from all possible combinations.

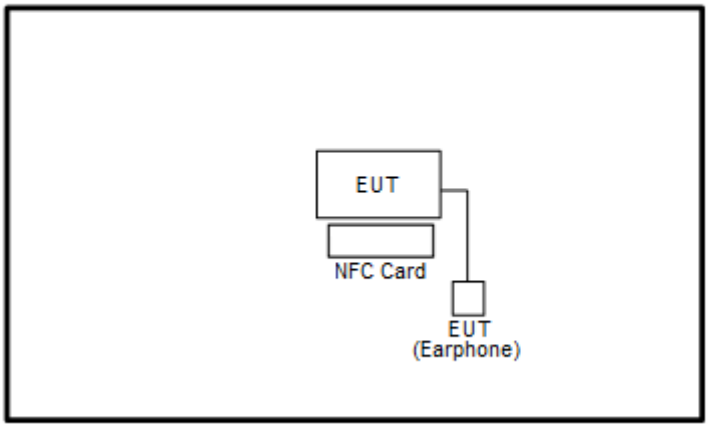
Test Cases	
AC Conducted Emission	Mode 1: NFC Link + USB Cable 1 (Charging from Adapter 1) + Battery 1 + Battery 2
Remark: For Radiated Test Cases, the tests were performed with Adapter 1, Earphone 1, USB Cable 1.	

2.2 Connection Diagram of Test System

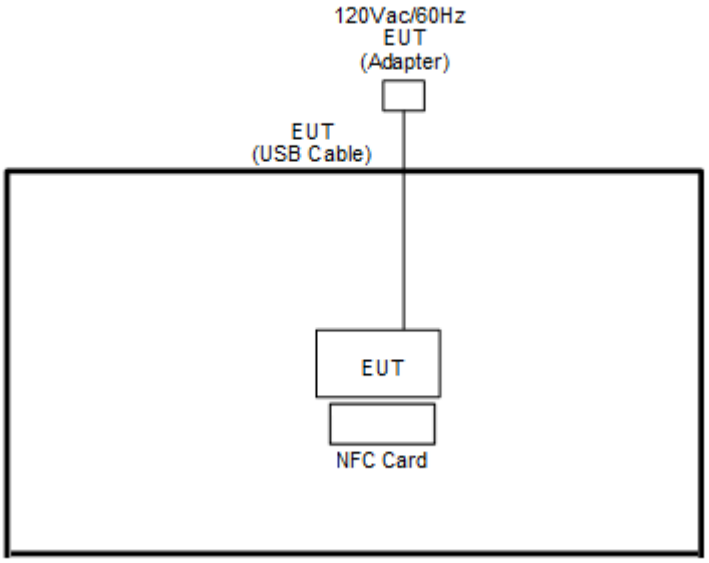
<AC Conducted Emission Mode>



<NFC Tx with Earphone Mode>



<NFC Tx with Adapter Mode>



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

2.4 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 (MHz)	Conducted Limit (dBμV)	
	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.

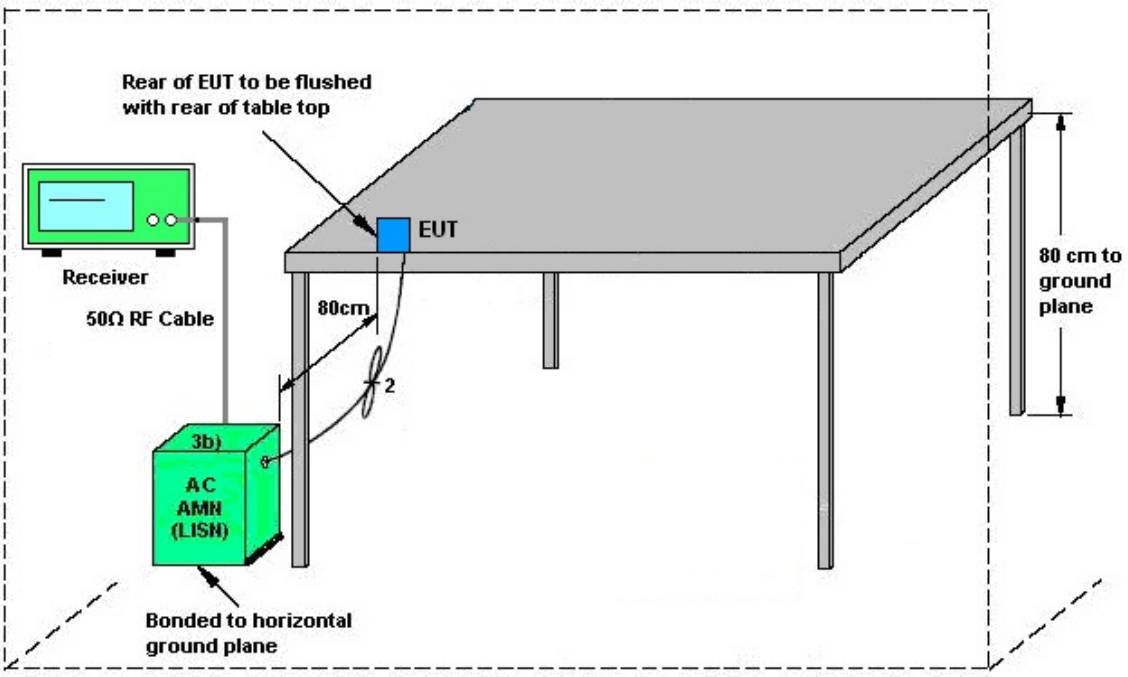
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN 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



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.1.5 Test Result of AC Conducted Emission

Please refer to Appendix A.

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.

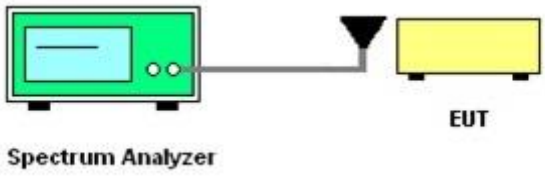
3.2.2 Measuring Instruments

See list of measuring instruments of this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Conducted Test Items

Please refer to Appendix B.

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.

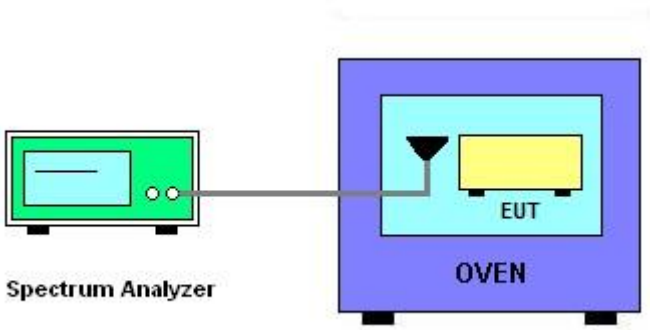
3.3.2 Measuring Instruments

See list of measuring instruments of this test report.

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Conducted Test Items

Please refer to Appendix B.

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 (μV/m) at 30m	Field Strength (dBμV/m) at 30m	Field Strength (dBμV/m) at 10m	Field Strength (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

3.4.2 Measuring Instruments

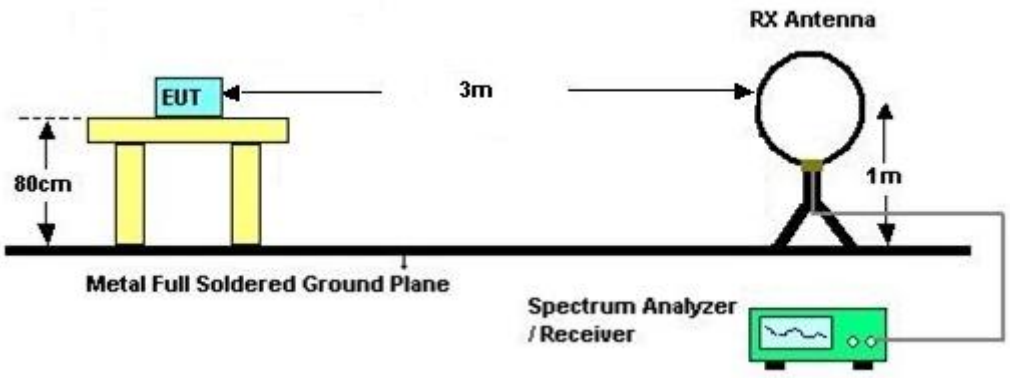
See list of measuring instruments of this test report.

3.4.3 Test Procedures

1. Configure the EUT according to ANSI C63.10. 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).

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.

Frequencies (MHz)	Field Strength (μV/m)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

3.5.2 Measuring Instruments

See list of measuring instruments of this test report.

3.5.3 Measuring Instrument Setting

The following table is the setting of receiver:

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

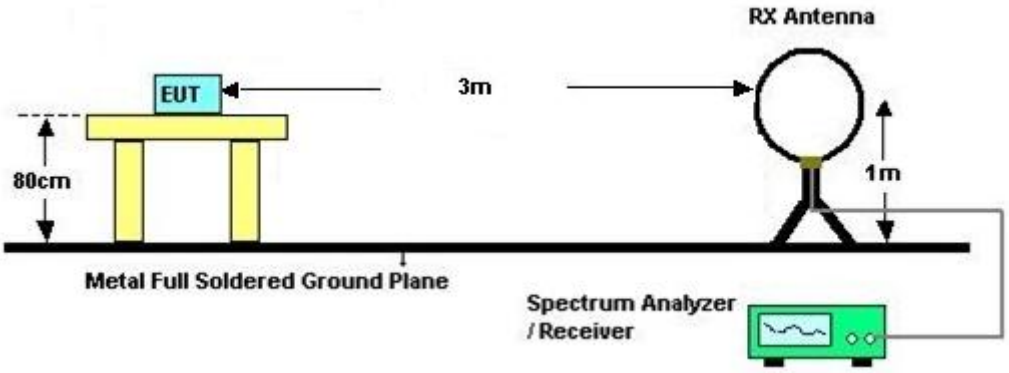
Note: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz and 110-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

3.5.4 Test Procedures

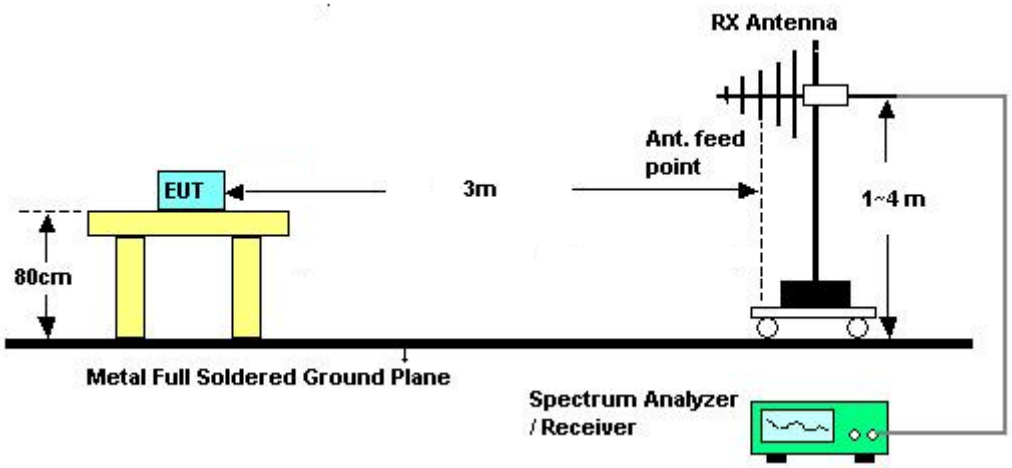
1. Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting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

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.

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.

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
AC Power Source	AC POWER	AFC-500W	F104070011	50Hz~60Hz	Apr. 09, 2020	May 18, 2020 ~ May 23, 2020	Apr. 08, 2021	Conducted (TH03-HY)
Hygrometer	Testo	608-H1	34893241	N/A	Mar. 26, 2020	May 18, 2020 ~ May 23, 2020	Mar. 25, 2021	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP30	101329	9kHz~30GHz	Sep. 04, 2019	May 18, 2020 ~ May 23, 2020	Sep. 03, 2020	Conducted (TH03-HY)
Temperature Chamber	ESPEC	SU-641	92013721	-30℃ ~70℃	Nov. 26, 2019	May 18, 2020 ~ May 23, 2020	Nov. 25, 2020	Conducted (TH03-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	May 23, 2020 ~ Jun. 04, 2020	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9kHz~3.6GHz	Nov. 15, 2019	May 23, 2020 ~ Jun. 04, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Nov. 07, 2019	May 23, 2020 ~ Jun. 04, 2020	Nov. 06, 2020	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 15, 2019	May 23, 2020 ~ Jun. 04, 2020	Nov. 14, 2020	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	May 23, 2020 ~ Jun. 04, 2020	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 02, 2020	May 23, 2020 ~ Jun. 04, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 02, 2020	May 23, 2020 ~ Jun. 04, 2020	Jan. 01, 2021	Conduction (CO05-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	May 20, 2020 ~ Jul. 01, 2020	N/A	Radiation (03CH11-HY)
Amplifier	SONOMA	310N	187312	9kHz~1GHz	Dec. 03, 2019	May 20, 2020 ~ Jul. 01, 2020	Dec. 02, 2020	Radiation (03CH11-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N-06	47020 & 06	30MHz~1GHz	Oct. 12, 2019	May 20, 2020 ~ Jul. 01, 2020	Oct. 11, 2020	Radiation (03CH11-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Jan. 09, 2020	May 20, 2020 ~ Jul. 01, 2020	Jan. 08, 2021	Radiation (03CH11-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	May 20, 2020 ~ Jul. 01, 2020	N/A	Radiation (03CH11-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	May 20, 2020 ~ Jul. 01, 2020	N/A	Radiation (03CH11-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	May 20, 2020 ~ Jul. 01, 2020	N/A	Radiation (03CH11-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290045	20MHz~8.4GHz	Jan. 18, 2020	May 20, 2020 ~ Jul. 01, 2020	Jan. 17, 2021	Radiation (03CH11-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200486	10Hz~44GHz	Oct. 28, 2019	May 20, 2020 ~ Jul. 01, 2020	Oct. 27, 2020	Radiation (03CH11-HY)
Filter	Wainwright	WHK20/1000C7/40SS	SN2	20M High Pass	Sep. 15, 2019	May 20, 2020 ~ Jul. 01, 2020	Sep. 14, 2020	Radiation (03CH11-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	9kHz-30MHz	Mar. 12, 2020	May 20, 2020 ~ Jul. 01, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4 PE	30M-18G	Mar. 12, 2020	May 20, 2020 ~ Jul. 01, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2859/2	30MHz-40GHz	Mar. 12, 2020	May 20, 2020 ~ Jul. 01, 2020	Mar. 11, 2021	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTN-303B	TP140325	N/A	Nov. 07, 2019	May 20, 2020 ~ Jul. 01, 2020	Nov. 06, 2020	Radiation (03CH11-HY)
Hygrometer	TECPEL	DTN-303B	TP161237	N/A	Oct. 25, 2019	May 20, 2020 ~ Jul. 01, 2020	Oct. 24, 2020	Radiation (03CH11-HY)

5. Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.30**

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

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

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

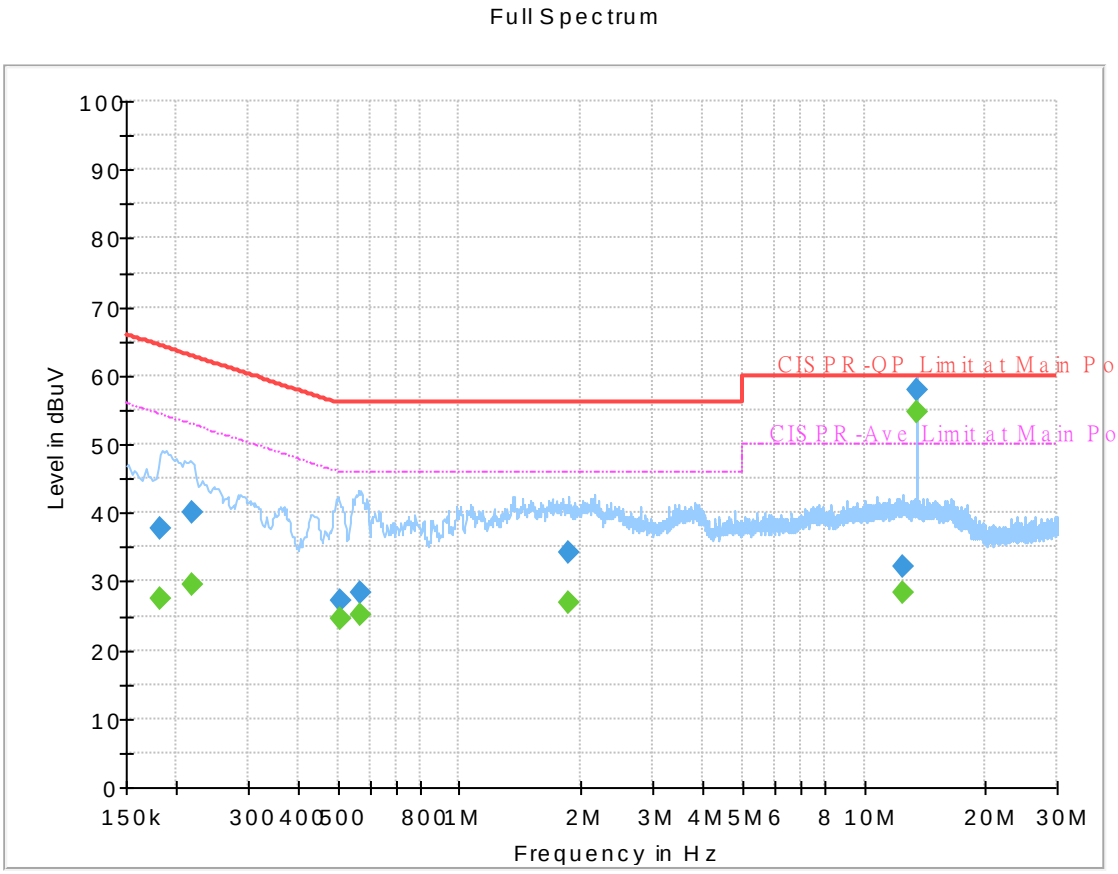
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.20**

Appendix A. Test Results of Conducted Emission Test

Test Engineer :	Tom Lee and Howard Huang	**Temperature :**	21~25℃
		Relative Humidity :	38~48%

Original

Report NO :	051232
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

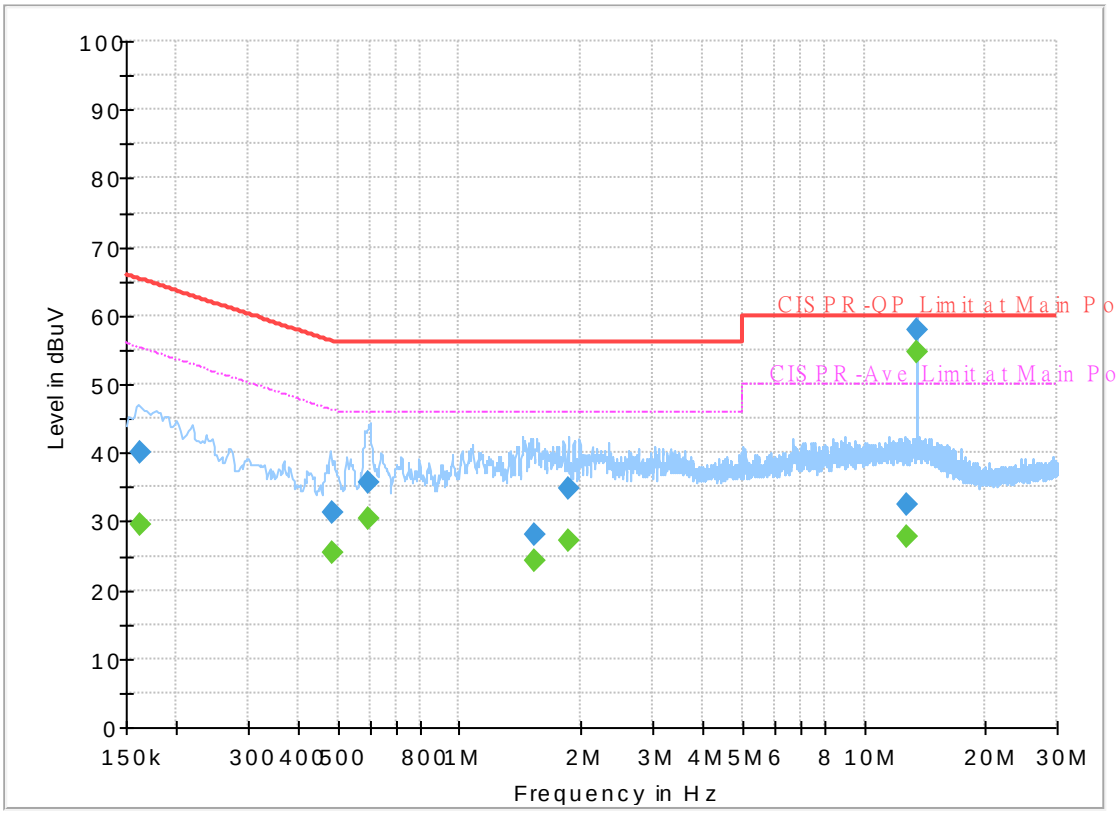


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.181410	---	27.52	54.42	26.90	L1	OFF	19.6
0.181410	37.71	---	64.42	26.71	L1	OFF	19.6
0.218130	---	29.44	52.89	23.45	L1	OFF	19.6
0.218130	39.92	---	62.89	22.97	L1	OFF	19.6
0.505500	---	24.71	46.00	21.29	L1	OFF	19.6
0.505500	27.33	---	56.00	28.67	L1	OFF	19.6
0.566250	---	25.23	46.00	20.77	L1	OFF	19.6
0.566250	28.28	---	56.00	27.72	L1	OFF	19.6
1.862250	---	26.80	46.00	19.20	L1	OFF	19.6
1.862250	34.31	---	56.00	21.69	L1	OFF	19.6
12.453000	---	28.26	50.00	21.74	L1	OFF	20.2
12.453000	32.26	---	60.00	27.74	L1	OFF	20.2
13.560000	---	54.72	50.00	-4.72	L1	OFF	20.2
13.560000	57.90	---	60.00	2.10	L1	OFF	20.2

Report NO :	051232
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum



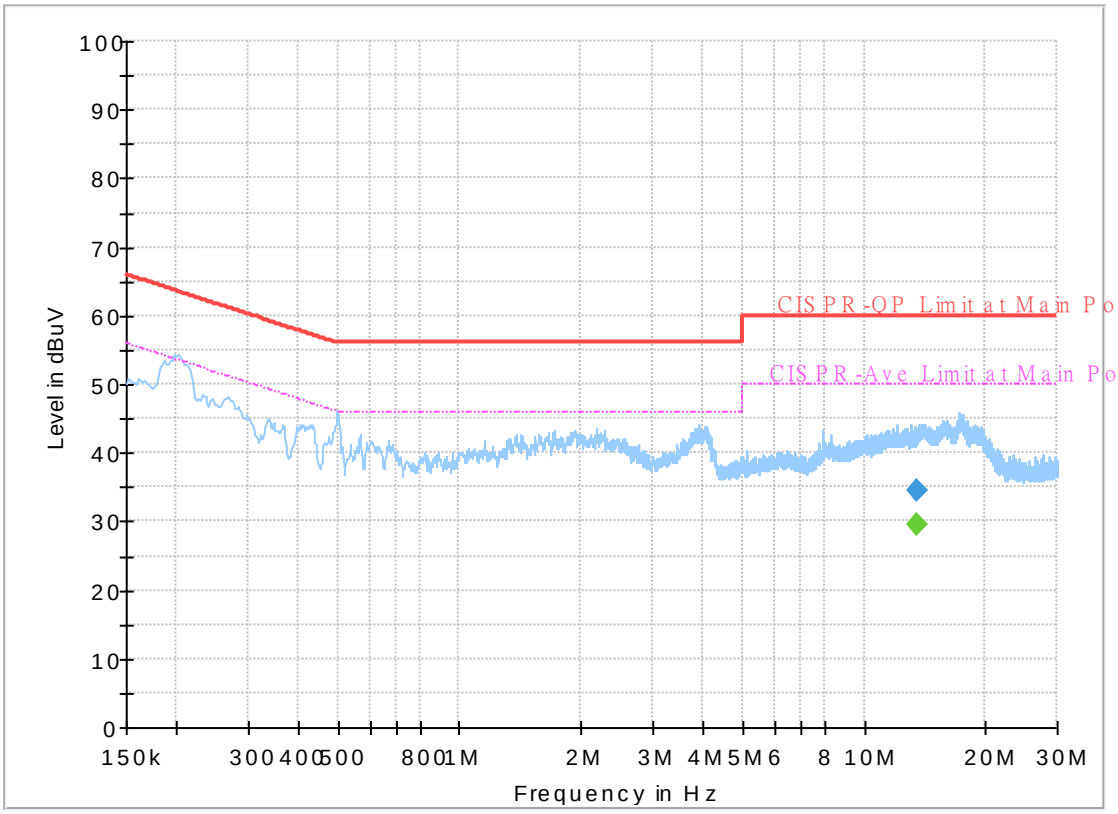
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161790	---	29.62	55.37	25.75	N	OFF	19.6
0.161790	40.15	---	65.37	25.22	N	OFF	19.6
0.483000	---	25.57	46.29	20.72	N	OFF	19.6
0.483000	31.32	---	56.29	24.97	N	OFF	19.6
0.597300	---	30.37	46.00	15.63	N	OFF	19.6
0.597300	35.69	---	56.00	20.31	N	OFF	19.6
1.524750	---	24.39	46.00	21.61	N	OFF	19.6
1.524750	28.02	---	56.00	27.98	N	OFF	19.6
1.863600	---	27.24	46.00	18.76	N	OFF	19.6
1.863600	34.84	---	56.00	21.16	N	OFF	19.6
12.792210	---	27.64	50.00	22.36	N	OFF	20.2
12.792210	32.51	---	60.00	27.49	N	OFF	20.2
13.560000	---	54.62	50.00	-4.62	N	OFF	20.2
13.560000	57.75	---	60.00	2.25	N	OFF	20.2

Terminal

Report NO :	051232
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

Full Spectrum

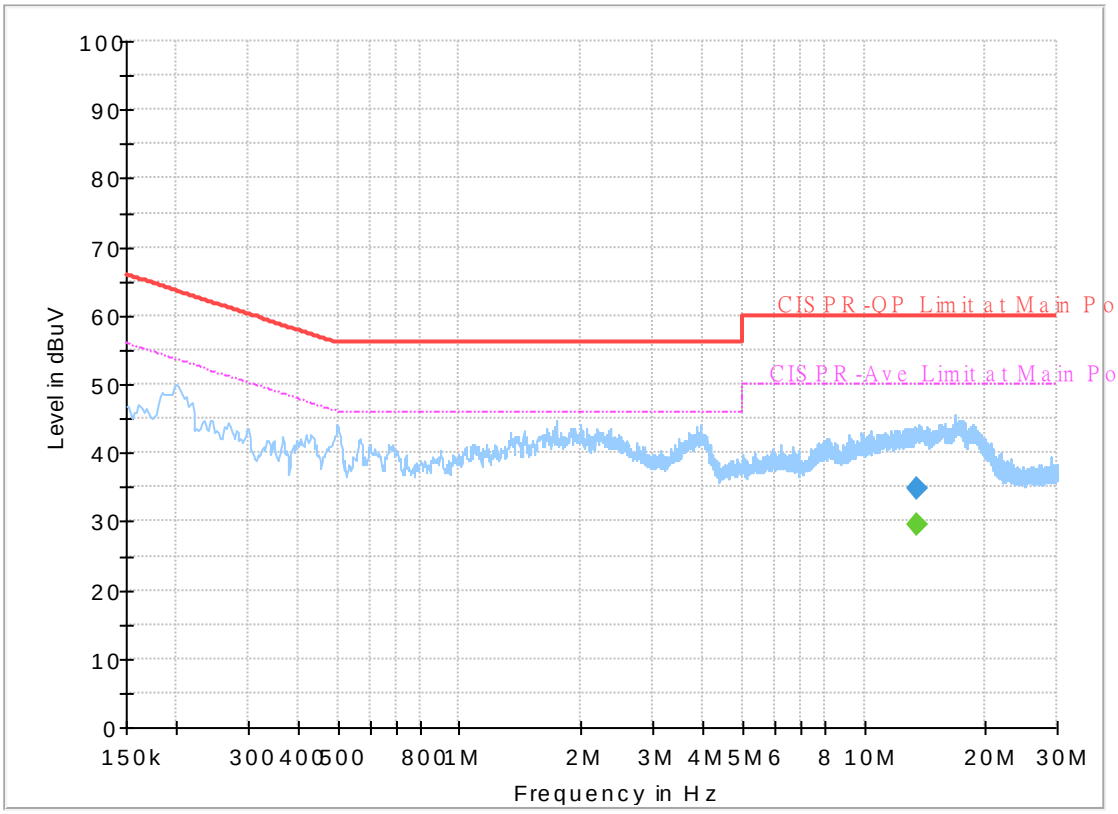


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
13.560000	---	29.62	50.00	20.38	L1	OFF	20.2
13.560000	34.53	---	60.00	25.47	L1	OFF	20.2

Report NO :	051232
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral

Full Spectrum

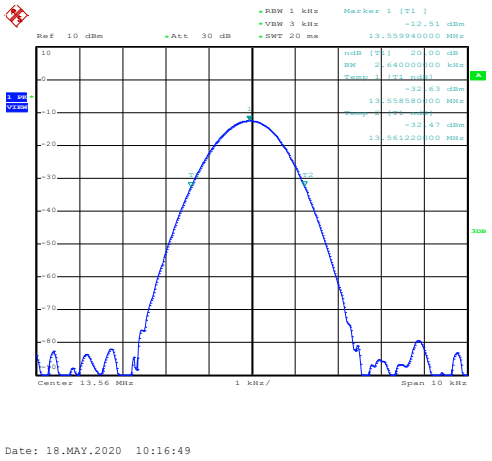
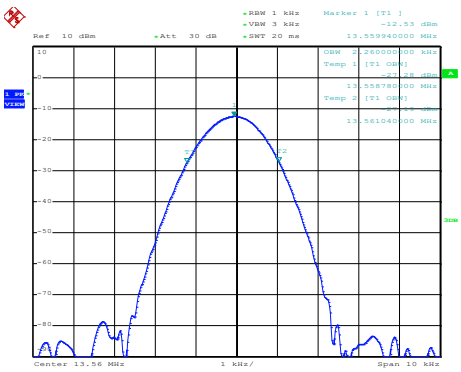


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
13.560000	---	29.54	50.00	20.46	N	OFF	19.9
13.560000	34.71	---	60.00	25.29	N	OFF	19.9

Appendix B. Test Results of Conducted Test Items

B1. Test Result of 20dB Spectrum Bandwidth

Test mode	NFC Tx	Test Frequency (MHz)	13.56
			
20dB Bandwidth (kHz)	2.640	**99% OccupiedBW(kHz)**	2.260
Frequency range (MHz)	**f_L > 13.553**	13.55858	**Test Result**
	f_H < 13.567	13.56122	**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

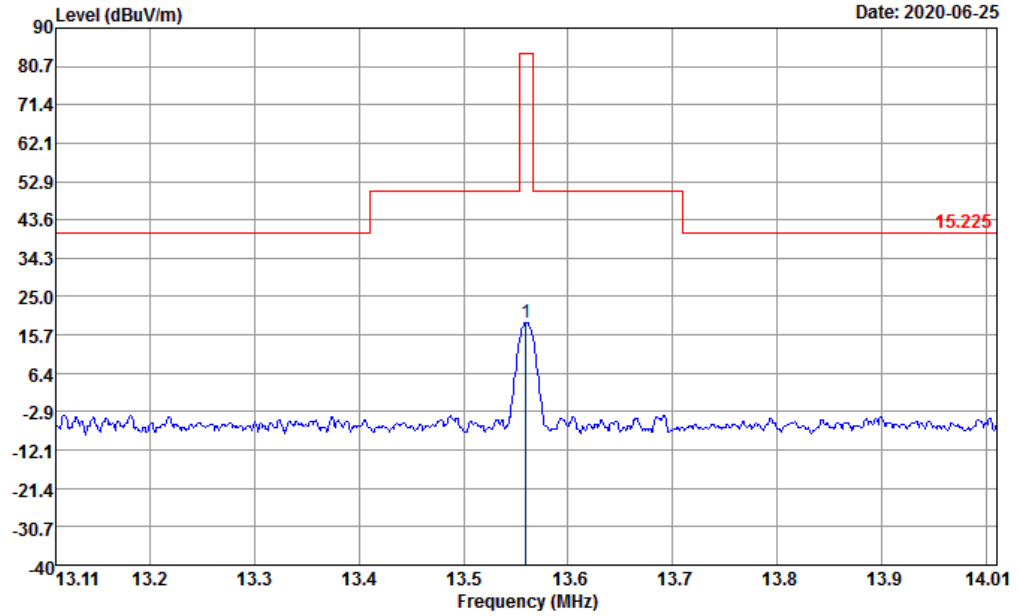
Voltage vs. Frequency Stability		Temperature vs. Frequency Stability		
Voltage (Vac)	Measurement Frequency (MHz)	Temperature (℃)	Time	Measurement Frequency (MHz)
120	13.559900	**-20**	**0**	13.560040
102	13.559900		**2**	13.560040
138	13.559900		**5**	13.560040
			10	13.560040
		-10	**0**	13.560040
			2	13.560040
			5	13.560040
			10	13.560040
		0	**0**	13.560040
			2	13.560040
			5	13.560040
			10	13.560040
		10	**0**	13.560020
			2	13.560000
			5	13.560000
			10	13.559990
		20	**0**	13.559900
			2	13.559900
			5	13.559900
			10	13.559900
		30	**0**	13.559950
			2	13.559940
			5	13.559920
			10	13.559920
		40	**0**	13.559900
			2	13.559900
			5	13.559900
			10	13.559900

Voltage vs. Frequency Stability		Temperature vs. Frequency Stability		
Voltage (Vac)	**Measurement Frequency (MHz)**	**Temperature (℃)**	**Time**	**Measurement Frequency (MHz)**
		50	**0**	13.559920
			2	13.559920
			5	13.559920
			10	13.559910
Max.Deviation (MHz)	-0.000100	**Max.Deviation (MHz)**		-0.000100
Max.Deviation (ppm)	-7.3746	**Max.Deviation (ppm)**		-7.3746
Limit	**FS < ±100 ppm**	**Limit**		**FS < ±100 ppm**
Test Result	**PASS**	**Test Result**		**PASS**

Appendix C. Test Results of Radiated Test Items

C1. Test Result of Field Strength of Fundamental Emissions

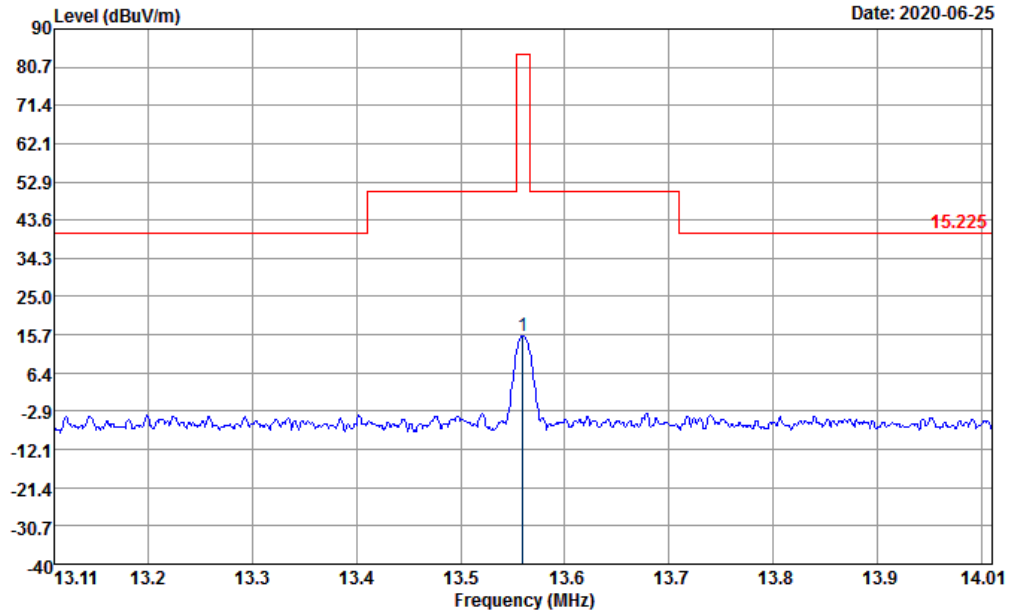
Test Mode :	NFC Tx with Earphone for Open Mode	Test Frequency (MHz)	13.56



Site : 03CH11-HY
Condition : 15.225 3m LOOP_ANT(H)_100315 HORIZONTAL
: RBW:9.000KHz VBW:9.000KHz SWT:Auto

Frequency	Level	Distance extrapolation	Over	Limit	Read	Antenna	Cable	Ant	Table	Remark
		Factor	Limit	Line	Level	Factor	Loss	Pos	Pos	
(MHz)	(dBµV/m)	(dB)	(dB)	(dBµV/m)	(dBµV)	(dB)	(dB)	(cm)	(deg)	
13.56	18.81	40	-65.19	84	37.62	21.06	0.13	100	0	Peak

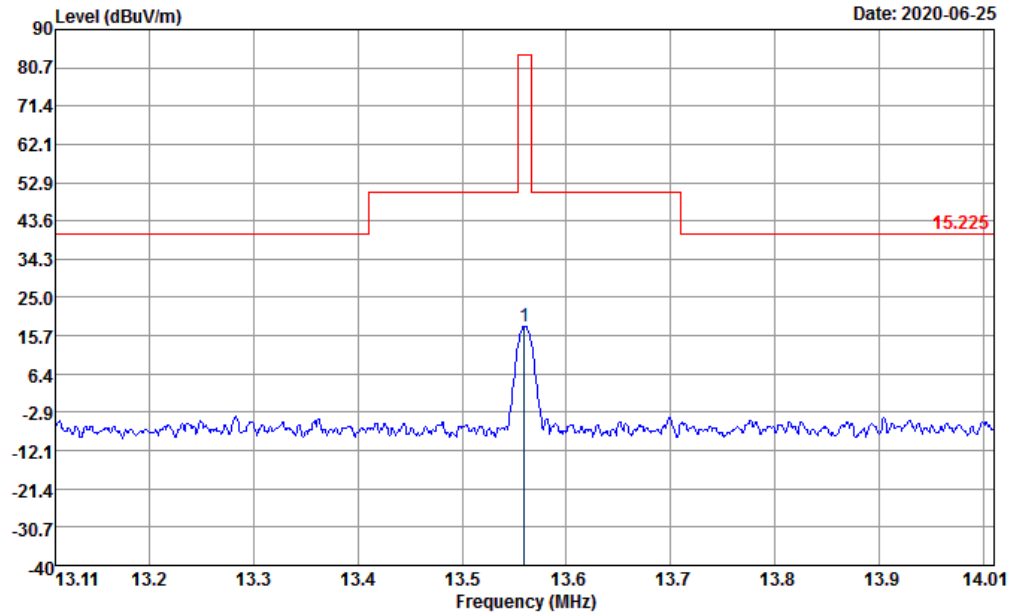
Test Mode :	NFC Tx with Earphone for Open Mode	Test Frequency (MHz)	13.56



Site : 03CH11-HY
Condition : 15.225 3m LOOP_ANT(V)_100315 VERTICAL
: RBW:9.000KHz VBW:9.000KHz SWT:Auto

Frequency	Level	Distance extrapolation	Over	Limit	Read	Antenna	Cable	Ant	Table	Remark
		Factor	Limit	Line	Level	Factor	Loss	Pos	Pos	
(MHz)	(dBµV/m)	(dB)	(dB)	(dBµV/m)	(dBµV)	(dB)	(dB)	(cm)	(deg)	
13.56	15.4	40	-68.6	84	34.21	21.06	0.13	100	75	QP

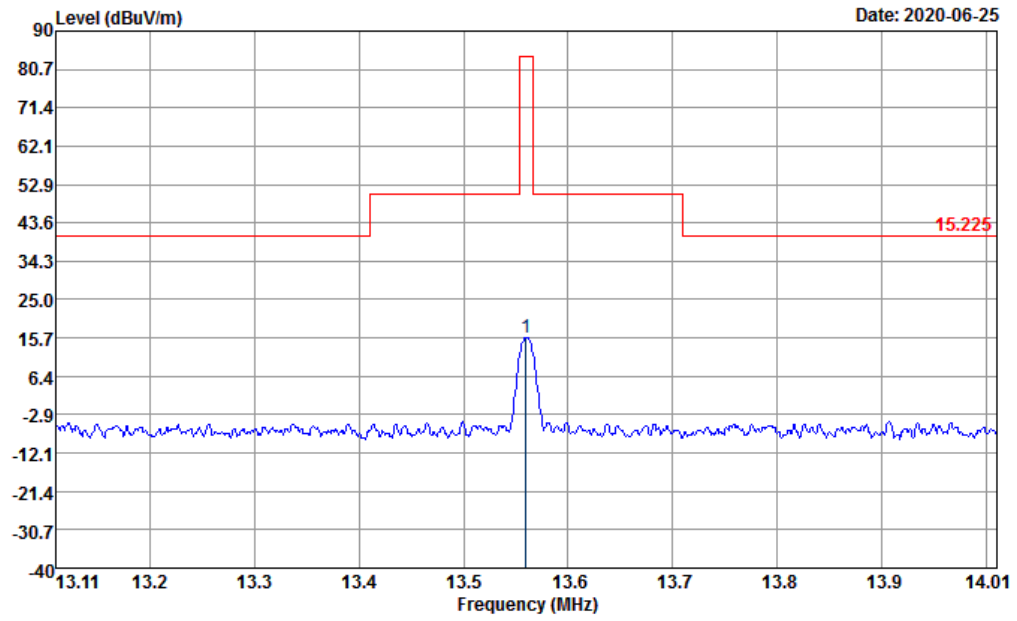
Test Mode :	NFC Tx with Adapter for Open Mode	Test Frequency (MHz)	13.56



Site : 03CH11-HY
Condition : 15.225 3m LOOP_ANT(H)_100315 HORIZONTAL
: RBW:9.000KHz VBW:9.000KHz SWT:Auto

Frequency	Level	Distance extrapolation	Over	Limit	Read	Antenna	Cable	Ant	Table	Remark
		Factor	Limit	Line	Level	Factor	Loss	Pos	Pos	
(MHz)	(dBµV/m)	(dB)	(dB)	(dBµV/m)	(dBµV)	(dB)	(dB)	(cm)	(deg)	
13.56	18.11	40	-65.89	84	36.92	21.06	0.13	100	360	QP

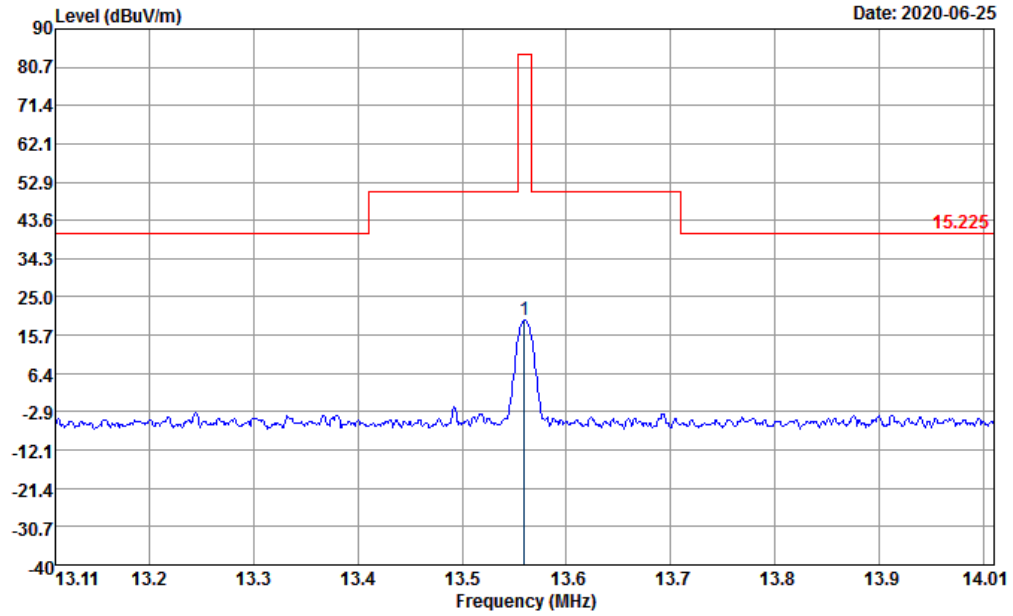
Test Mode :	NFC Tx with Adapter for Open Mode	Test Frequency (MHz)	13.56



Site : 03CH11-HY
Condition : 15.225 3m LOOP_ANT(V)_100315 VERTICAL
: RBW:9.000KHz VBW:9.000KHz SWT:Auto

Frequency	Level	Distance extrapolation	Over	Limit	Read	Antenna	Cable	Ant	Table	Remark
		Factor	Limit	Line	Level	Factor	Loss	Pos	Pos	
(MHz)	(dBµV/m)	(dB)	(dB)	(dBµV/m)	(dBµV)	(dB)	(dB)	(cm)	(deg)	
13.56	15.91	40	-68.09	84	34.72	21.06	0.13	100	255	QP

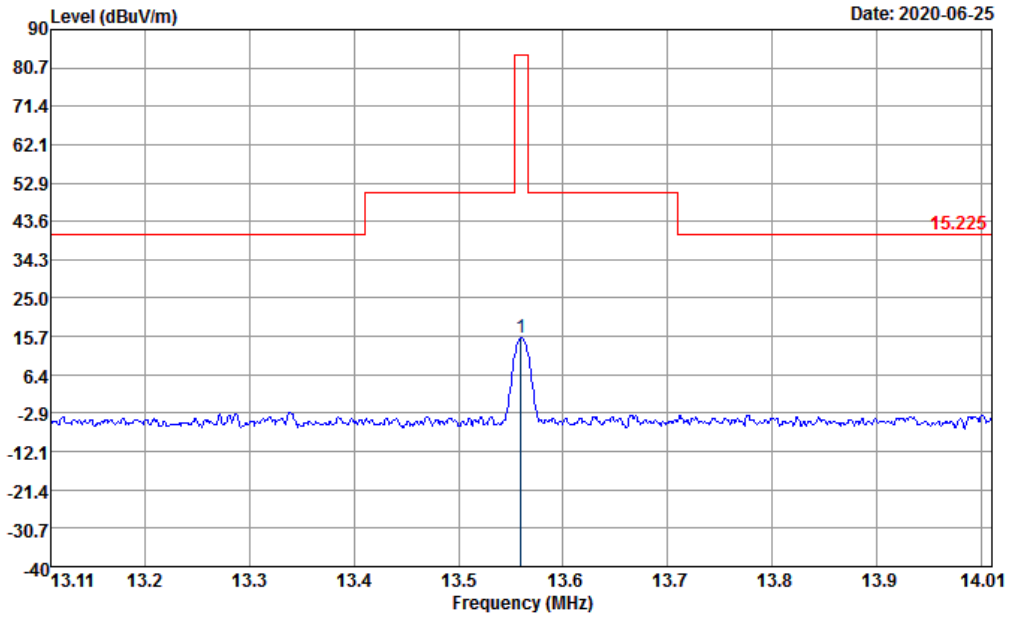
Test Mode :	NFC Tx with Adapter for Close Mode	Test Frequency (MHz)	13.56



Site : 03CH11-HY
Condition : 15.225 3m LOOP_ANT(H)_100315 HORIZONTAL
: RBW:9.000KHz VBW:9.000KHz SWT:Auto

Frequency	Level	Distance extrapolation	Over	Limit	Read	Antenna	Cable	Ant	Table	Remark
		Factor	Limit	Line	Level	Factor	Loss	Pos	Pos	
(MHz)	(dBµV/m)	(dB)	(dB)	(dBµV/m)	(dBµV)	(dB)	(dB)	(cm)	(deg)	
13.56	19.33	40	-64.67	84	38.14	21.06	0.13	100	180	QP

Test Mode :	NFC Tx with Adapter for Close Mode	Test Frequency (MHz)	13.56

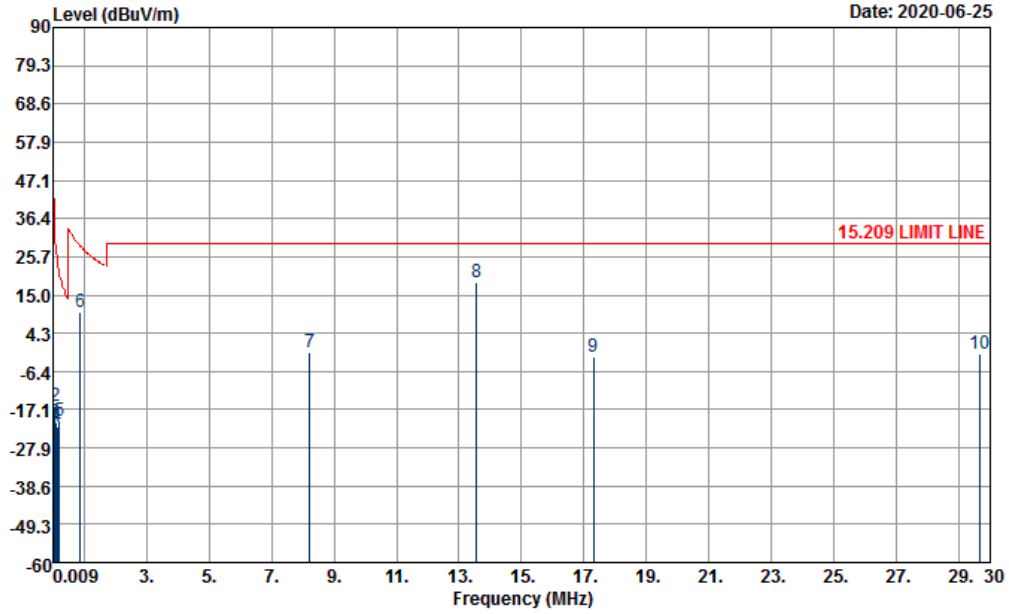


Site : 03CH11-HY
Condition : 15.225 3m LOOP_ANT(V)_100315 VERTICAL
: RBW:9.000KHz VBW:9.000KHz SWT:Auto

Frequency	Level	Distance extrapolation	Over	Limit	Read	Antenna	Cable	Ant	Table	Remark
		Factor	Limit	Line	Level	Factor	Loss	Pos	Pos	
(MHz)	(dBµV/m)	(dB)	(dB)	(dBµV/m)	(dBµV)	(dB)	(dB)	(cm)	(deg)	
13.56	15.4	40	-68.6	84	34.21	21.06	0.13	100	75	QP

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

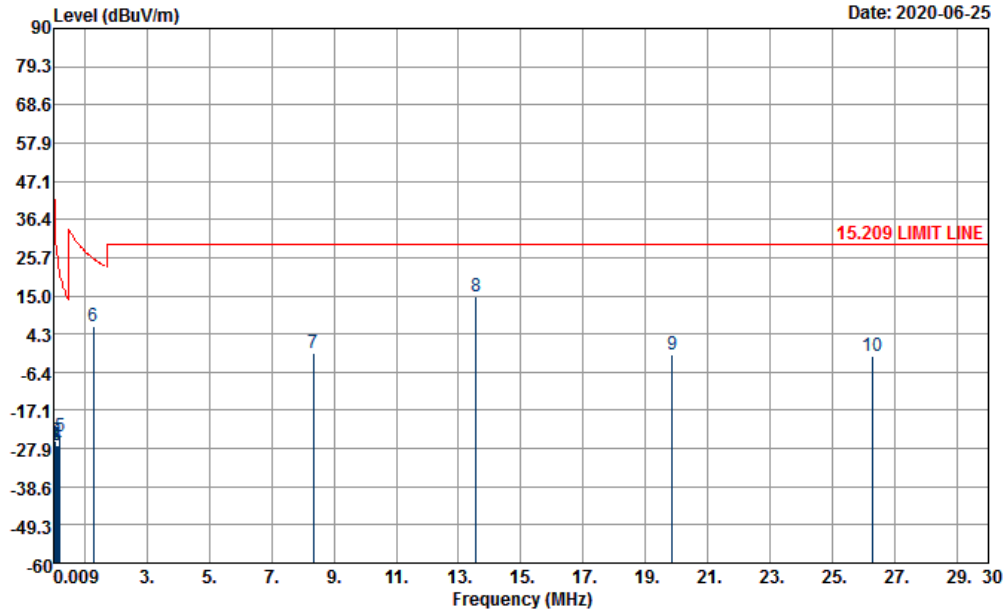
Test Mode :	NFC Tx with Earphone for Open Mode	Polarization :	Horizontal



Site : 03CH11-HY
Condition : 15.209 LIMIT LINE 3m LOOP_ANT(H)_100315 HORIZONTAL

Frequency (MHz)	Level (dBµV/m)	Distance extrapolation Factor (dB)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB)	Cable Loss (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
0.01925	-23.92	80	-65.84	41.92	37	19.07	0.01	-	-	Average
0.06249	-16.3	80	-47.99	31.69	44.43	19.25	0.02	-	-	Average
0.0938	-20.79	80	-48.95	28.16	40.56	18.62	0.03	-	-	QP
0.14068	-21.9	80	-46.54	24.64	39.46	18.62	0.02	-	-	Average
0.21902	-20.2	80	-40.99	20.79	40.93	18.86	0.01	-	-	Average
0.87301	10.34	40	-18.44	28.78	31.21	19.05	0.08	100	0	QP
8.232	-0.95	40	-30.45	29.5	18.59	20.35	0.11	-	-	QP
13.56	18.57	40	-10.93	29.5	37.38	21.06	0.13	-	-	QP
17.314	-2.35	40	-31.85	29.5	16.07	21.43	0.15	-	-	QP
29.645	-1.61	40	-31.11	29.5	15.73	22.47	0.19	-	-	QP

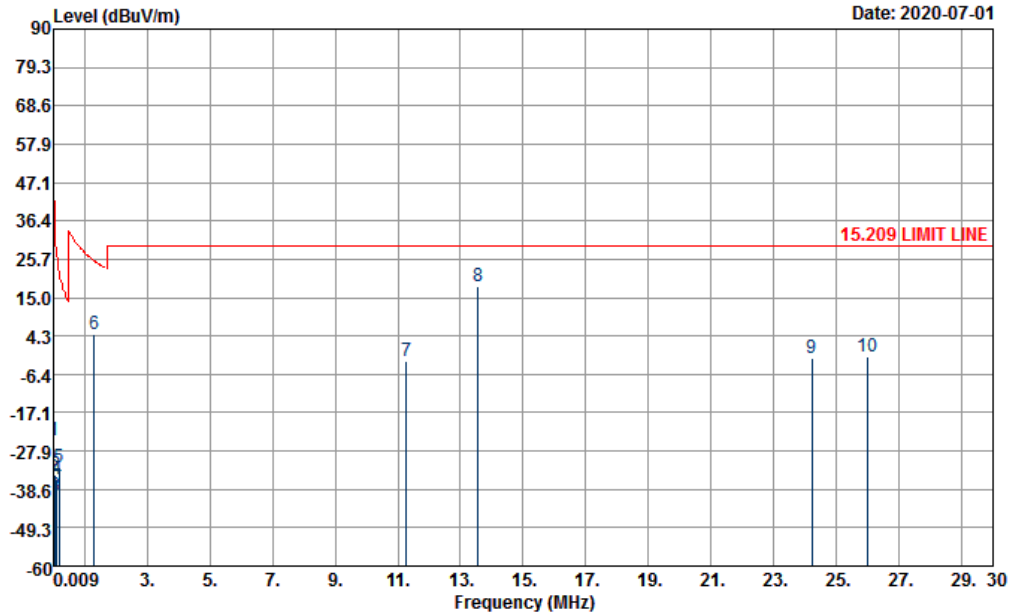
Test Mode :	NFC Tx with Earphone for Open Mode	Polarization :	Vertical



Site : 03CH11-HY
Condition : 15.209 LIMIT LINE 3m LOOP_ANT(V)_100315 VERTICAL

Frequency (MHz)	Level (dBµV/m)	Distance extrapolation Factor (dB)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB)	Cable Loss (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
0.00941	-26.57	80	-74.7	48.13	34.54	18.88	0.01	-	-	Average
0.06249	-25.84	80	-57.53	31.69	34.89	19.25	0.02	-	-	Average
0.09378	-26.84	80	-55	28.16	34.51	18.62	0.03	-	-	QP
0.14068	-26.99	80	-51.63	24.64	34.37	18.62	0.02	-	-	Average
0.22004	-24.46	80	-45.21	20.75	36.67	18.86	0.01	-	-	Average
1.286	6.24	40	-19.18	25.42	27.2	18.97	0.07	100	0	QP
8.352	-1.02	40	-30.52	29.5	18.5	20.37	0.11	-	-	QP
13.56	14.81	40	-14.69	29.5	33.62	21.06	0.13	-	-	QP
19.852	-1.47	40	-30.97	29.5	16.67	21.69	0.17	-	-	QP
26.27	-1.88	40	-31.38	29.5	15.73	22.2	0.19	-	-	QP

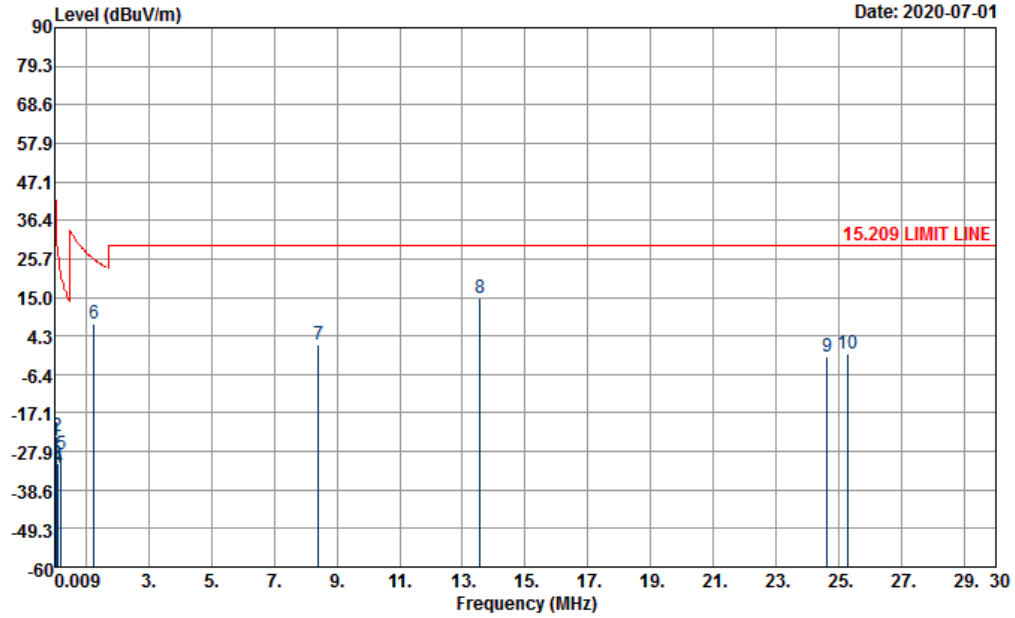
Test Mode :	NFC Tx with Adapter for Open Mode	Polarization :	Horizontal



Site : 03CH11-HY
Condition : 15.209 LIMIT LINE 3m LOOP_ANT(H)_100315 HORIZONTAL

Frequency (MHz)	Level (dBµV/m)	Distance extrapolation Factor (dB)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB)	Cable Loss (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
0.01925	-25.06	80	-66.98	41.92	35.86	19.07	0.01	-	-	Average
0.06336	-34.31	80	-65.88	31.57	26.44	19.23	0.02	-	-	Average
0.092	-40.2	80	-68.53	28.33	21.11	18.66	0.03	-	-	QP
0.11012	-35.69	80	-62.46	26.77	25.75	18.53	0.03	-	-	Average
0.19522	-32.44	80	-54.23	21.79	28.76	18.79	0.01	-	-	Average
1.301	4.74	40	-20.58	25.32	25.7	18.97	0.07	100	0	QP
11.264	-2.75	40	-32.25	29.5	16.29	20.83	0.13	-	-	QP
13.56	18.08	40	-11.42	29.5	36.89	21.06	0.13	-	-	QP
24.217	-1.75	40	-31.25	29.5	16.02	22.04	0.19	-	-	QP
26.015	-1.7	40	-31.2	29.5	15.93	22.18	0.19	-	-	QP

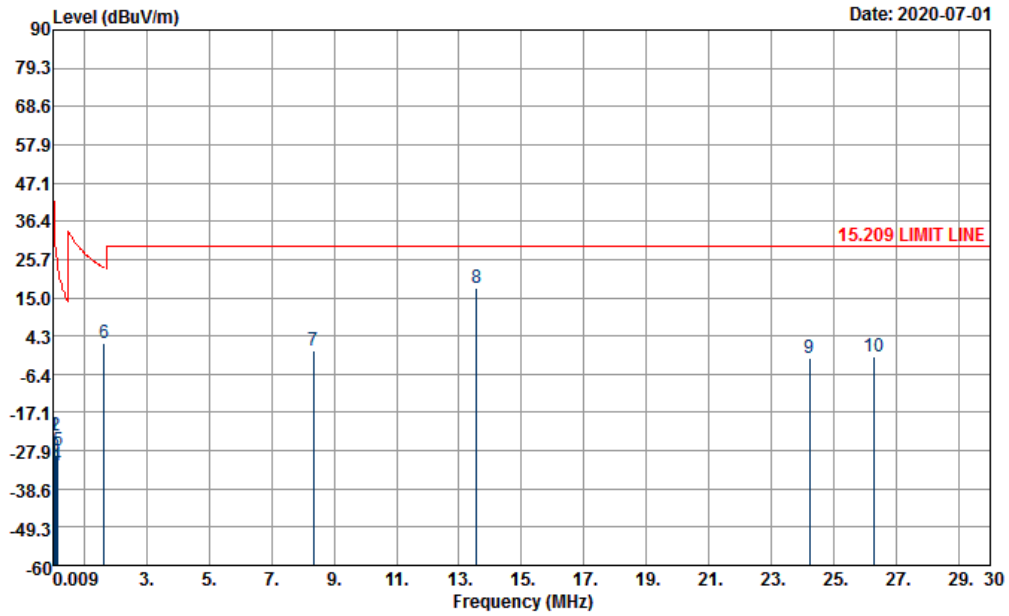
Test Mode :	NFC Tx with Adapter for Open Mode	Polarization :	Vertical



Site : 03CH11-HY
Condition : 15.209 LIMIT LINE 3m LOOP_ANT(V)_100315 VERTICAL

Frequency (MHz)	Level (dBµV/m)	Distance extrapolation Factor (dB)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB)	Cable Loss (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
0.0192	-24.75	80	-66.69	41.94	36.17	19.07	0.01	-	-	Average
0.06249	-23.55	80	-55.24	31.69	37.18	19.25	0.02	-	-	Average
0.09378	-31.04	80	-59.2	28.16	30.31	18.62	0.03	-	-	QP
0.125	-32.6	80	-58.27	25.67	28.79	18.58	0.03	-	-	Average
0.22038	-28.65	80	-49.39	20.74	32.48	18.86	0.01	-	-	Average
1.271	7.5	40	-18.02	25.52	28.46	18.97	0.07	100	0	QP
8.424	1.8	40	-27.7	29.5	21.31	20.38	0.11	-	-	QP
13.56	14.67	40	-14.83	29.5	33.48	21.06	0.13	-	-	QP
24.613	-1.44	40	-30.94	29.5	16.3	22.07	0.19	-	-	QP
25.275	-0.81	40	-30.31	29.5	16.88	22.12	0.19	-	-	QP

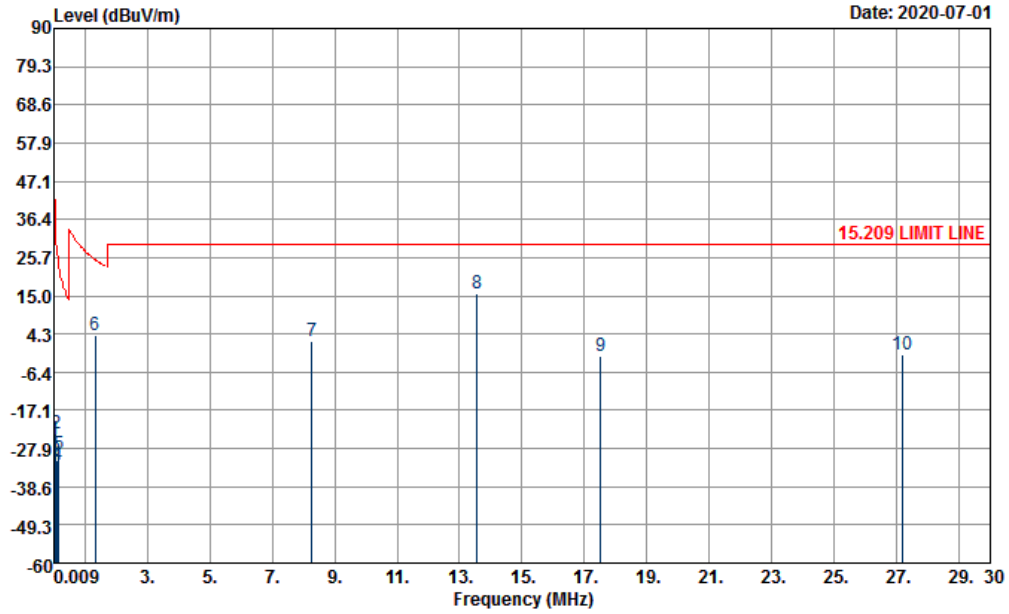
Test Mode :	NFC Tx with Adapter for Close Mode	Polarization :	Horizontal



Site : 03CH11-HY
Condition : 15.209 LIMIT LINE 3m LOOP_ANT(H)_100315 HORIZONTAL

Frequency (MHz)	Level (dBµV/m)	Distance extrapolation Factor (dB)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB)	Cable Loss (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
0.0192	-23.61	80	-65.55	41.94	37.31	19.07	0.01	-	-	Average
0.06249	-23.77	80	-55.46	31.69	36.96	19.25	0.02	-	-	Average
0.0938	-29.43	80	-57.59	28.16	31.92	18.62	0.03	-	-	QP
0.12504	-32.05	80	-57.71	25.66	29.35	18.58	0.02	-	-	Average
0.15306	-27.79	80	-51.7	23.91	33.53	18.66	0.02	-	-	Average
1.632	2.32	40	-21.03	23.35	23.34	18.94	0.04	100	0	QP
8.352	0.14	40	-29.36	29.5	19.66	20.37	0.11	-	-	QP
13.56	17.88	40	-11.62	29.5	36.69	21.06	0.13	-	-	QP
24.208	-2.12	40	-31.62	29.5	15.65	22.04	0.19	-	-	QP
26.285	-1.39	40	-30.89	29.5	16.22	22.2	0.19	-	-	QP

Test Mode :	NFC Tx with Adapter for Close Mode	Polarization :	Vertical



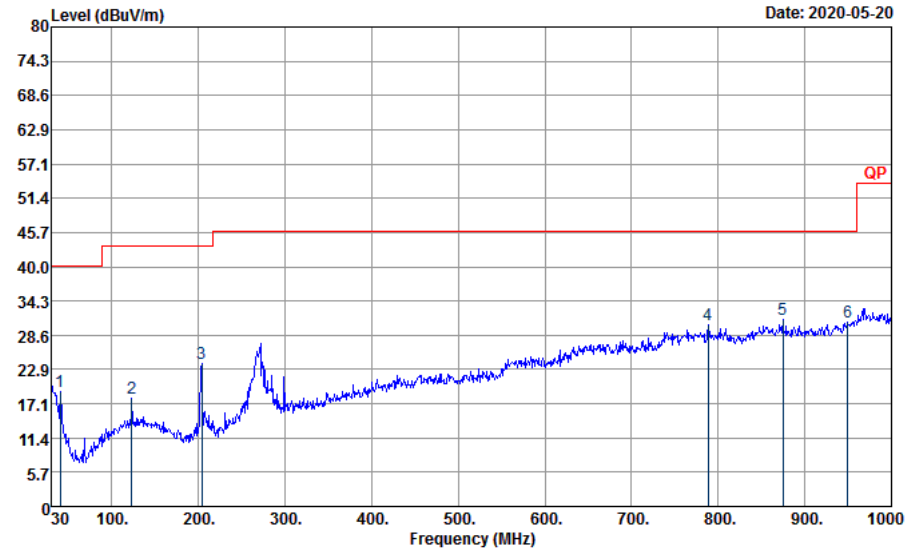
Site : 03CH11-HY
Condition : 15.209 LIMIT LINE 3m LOOP_ANT(V)_100315 VERTICAL

Frequency (MHz)	Level (dBµV/m)	Distance extrapolation Factor (dB)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB)	Cable Loss (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
0.01925	-25.12	80	-67.04	41.92	35.8	19.07	0.01	-	-	Average
0.06252	-23.76	80	-55.44	31.68	36.97	19.25	0.02	-	-	Average
0.09376	-31.1	80	-59.26	28.16	30.25	18.62	0.03	-	-	QP
0.125	-32.38	80	-58.05	25.67	29.01	18.58	0.03	-	-	Average
0.15476	-29.34	80	-53.15	23.81	31.98	18.66	0.02	-	-	Average
1.331	4.03	40	-21.09	25.12	25	18.97	0.06	100	0	QP
8.272	2.06	40	-27.44	29.5	21.6	20.35	0.11	-	-	QP
13.56	15.68	40	-13.82	29.5	34.49	21.06	0.13	-	-	QP
17.512	-1.88	40	-31.38	29.5	16.51	21.45	0.16	-	-	QP
27.19	-1.57	40	-31.07	29.5	15.96	22.28	0.19	-	-	QP

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. Distance extrapolation factor = 40 log (specific distance / test distance) (dB)
3. Limit line = specific limits (dBµV) + distance extrapolation factor
4. 13.56 MHz is fundamental signal which can be ignored

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

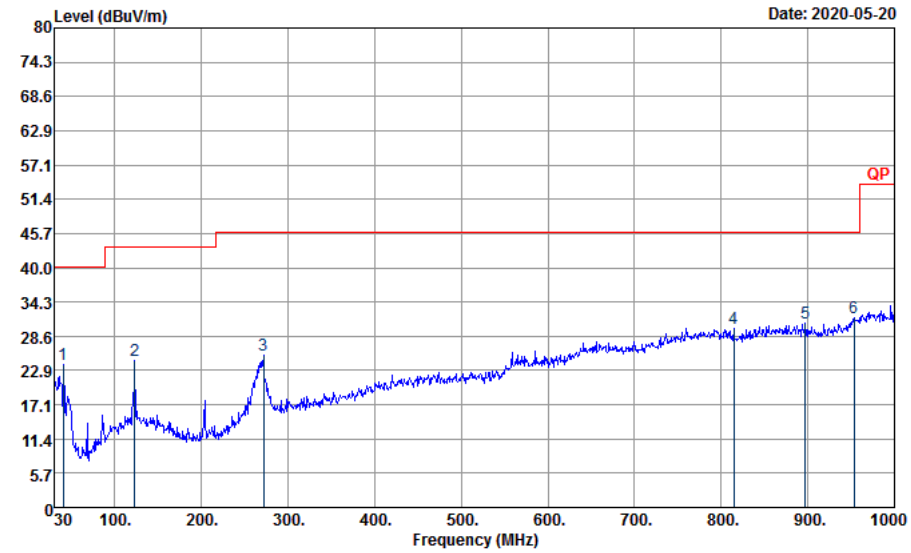
Test Mode :	NFC Tx with Earphone for Open Mode	Polarization :	Horizontal



Site : 03CH11-HY
Condition : QP 3m BI-LOG 6111D-LF_ETC HORIZONTAL

Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
40.67	19.21	-20.79	40	31.84	18.85	1	32.48	-	-	Peak
123.12	18.06	-25.44	43.5	31.55	17.28	1.66	32.43	-	-	Peak
203.63	23.93	-19.57	43.5	39.63	14.76	2.12	32.58	-	-	Peak
788.54	30.32	-15.68	46	29.32	27.99	5.14	32.13	-	-	Peak
874.87	31.15	-14.85	46	28.78	29.06	5.15	31.84	100	0	Peak
949.56	30.75	-15.25	46	26.49	30.04	5.3	31.08	-	-	Peak

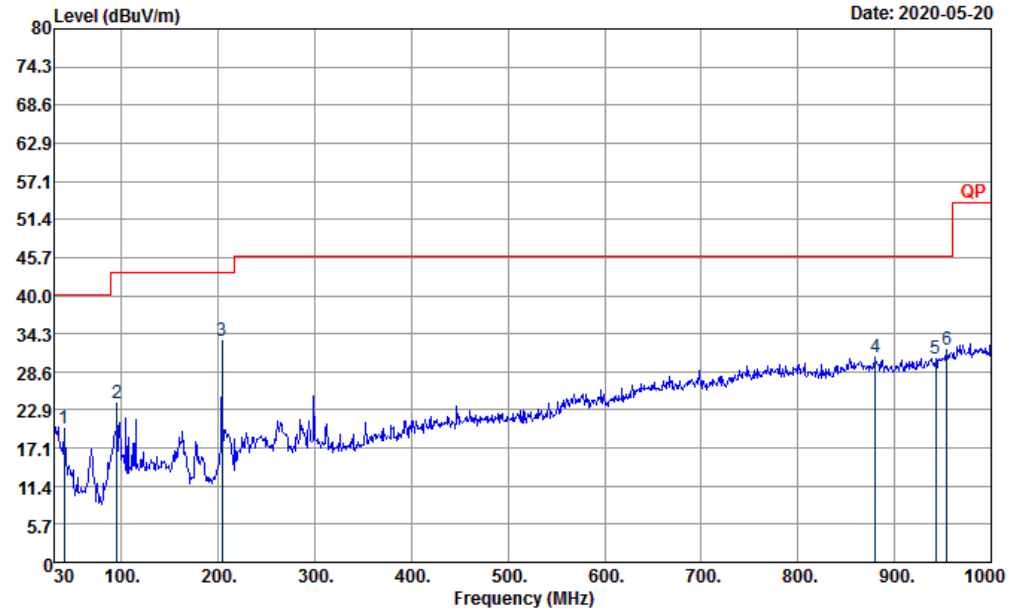
Test Mode :	NFC Tx with Earphone for Open Mode	Polarization :	Vertical



Site : 03CH11-HY
Condition : QP 3m BI-LOG 6111D-LF_ETC VERTICAL

Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
40.67	23.94	-16.06	40	36.57	18.85	1	32.48	-	-	Peak
123.12	24.44	-19.06	43.5	37.93	17.28	1.66	32.43	-	-	Peak
271.53	25.42	-20.58	46	35.93	19.36	2.45	32.32	-	-	Peak
814.73	29.94	-16.06	46	28.86	27.86	5.32	32.1	-	-	Peak
897.18	30.73	-15.27	46	28.51	28.92	5.04	31.74	-	-	Peak
953.44	31.58	-14.42	46	26.99	30.26	5.35	31.02	100	0	Peak

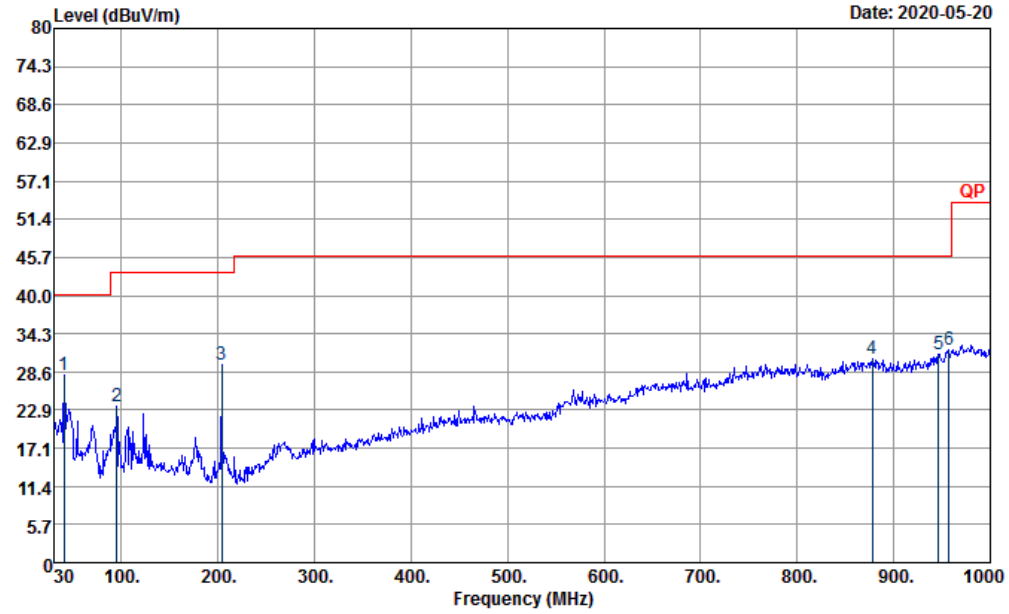
Test Mode :	NFC Tx with Adapter for Open Mode	Polarization :	Horizontal



Site : 03CH11-HY
Condition : QP 3m BI-LOG 6111D-LF_ETC HORIZONTAL

Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
40.67	20.11	-19.89	40	32.74	18.85	1	32.48	-	-	Peak
94.99	23.88	-19.62	43.5	39.58	15.17	1.53	32.4	-	-	Peak
203.63	33.26	-10.24	43.5	48.96	14.76	2.12	32.58	100	0	Peak
879.72	30.71	-15.29	46	28.32	29.07	5.14	31.82	-	-	Peak
942.77	30.52	-15.48	46	26.74	29.69	5.26	31.17	-	-	Peak
954.41	31.9	-14.1	46	27.21	30.32	5.38	31.01	-	-	Peak

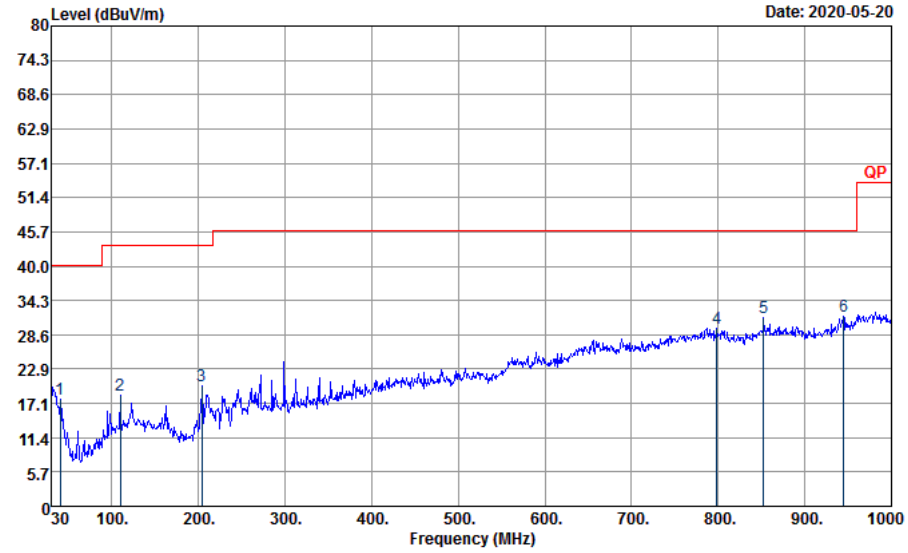
Test Mode :	NFC Tx with Adapter for Open Mode	Polarization :	Vertical



Site : 03CH11-HY
Condition : QP 3m BI-LOG 6111D-LF_ETC VERTICAL

Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
40.67	28.07	-11.93	40	40.7	18.85	1	32.48	100	0	Peak
94.99	23.33	-20.17	43.5	39.03	15.17	1.53	32.4	-	-	Peak
203.63	29.67	-13.83	43.5	45.37	14.76	2.12	32.58	-	-	Peak
877.78	30.45	-15.55	46	28.07	29.07	5.14	31.83	-	-	Peak
946.65	31.11	-14.89	46	27.04	29.9	5.28	31.11	-	-	Peak
957.32	31.84	-14.16	46	26.88	30.51	5.42	30.97	-	-	Peak

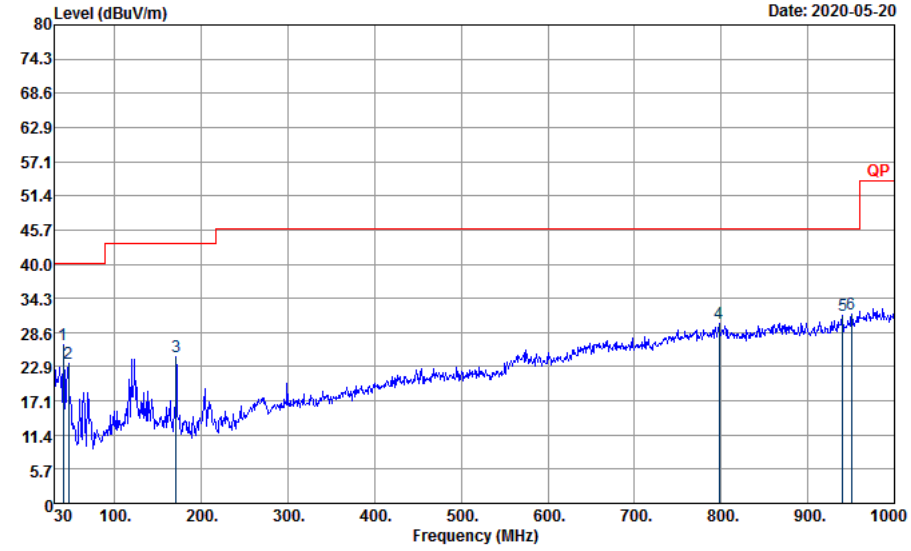
Test Mode :	NFC Tx with Adapter for Close Mode	Polarization :	Horizontal



Site : 03CH11-HY
Condition : QP 3m BI-LOG 6111D-LF_ETC HORIZONTAL

Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
40.67	17.74	-22.26	40	30.37	18.85	1	32.48	-	-	Peak
109.54	18.44	-25.06	43.5	32.69	16.55	1.6	32.4	-	-	Peak
203.63	20.1	-23.4	43.5	35.8	14.76	2.12	32.58	-	-	Peak
798.24	29.71	-16.29	46	28.52	28.03	5.31	32.15	-	-	Peak
852.56	31.34	-14.66	46	29.14	28.86	5.27	31.93	-	-	Peak
944.71	31.58	-14.42	46	27.65	29.8	5.27	31.14	100	0	Peak

Test Mode :	NFC Tx with Adapter for Close Mode	Polarization :	Vertical



Site : 03CH11-HY
Condition : QP 3m BI-LOG 6111D-LF_ETC VERTICAL

Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
40.67	26.56	-13.44	40	39.19	18.85	1	32.48	100	0	Peak
46.49	23.46	-16.54	40	39.11	15.83	1.04	32.52	-	-	Peak
170.65	24.54	-18.96	43.5	39.78	15.34	1.95	32.53	-	-	Peak
797.27	30.16	-15.84	46	28.99	28.02	5.3	32.15	-	-	Peak
939.86	31.35	-14.65	46	27.78	29.52	5.25	31.2	-	-	Peak
950.53	31.64	-14.36	46	27.3	30.09	5.31	31.06	-	-	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.

———THE END———