FCC RF Test Report

APPLICANT	:	Motorola Mobility LLC
EQUIPMENT	:	Mobile Cellular Phone
BRAND NAME	:	Motorola
MODEL NAME	:	XT2623-1
FCC ID	:	IHDT56AT1
STANDARD	:	FCC Part 15 Subpart C §15.225
CLASSIFICATION	:	(DXX) Low Power Communication Device Transmitter
TEST DATE(S)	:	Oct. 10, 2025 ~ Oct. 13, 2025

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

Fly Liang

Approved by: Fly Liang

Sporton International Inc. (ShenZhen)

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People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR482104-18D	Rev. 01	Initial issue of report	Nov. 21, 2025
FR482104-18D	Rev. 02	Added test plots of Radiated Emissions in the section B.2 and B.3 This report is an update version, replacing the report issued on Nov. 21, 2025.	Nov. 27, 2025

SUMMARY OF THE TEST RESULT

Report Section	FCC Rule	Description of Test	Result	Remark
3.1	15.215(c)	20dB Spectrum Bandwidth	Complies	-
	-	99% OBW Spectrum Bandwidth	Complies	-
3.2	15.225(e)	Frequency Stability	Complies	-
3.3	15.225(a)(b)(c)	Field Strength of Fundamental Emissions	Complies	Max level 19.68 dBμV/m at 13.56 MHz @30m
3.4	15.225(d) & 15.209	Radiated Spurious Emissions	Complies	Under limit 3.64 dB at 40.67MHz
3.5	15.203	Antenna Requirements	Complies	-

Remark: This is a variant report for XT2623-1. The change note could be the XT2623-1_Operational Description of referred to the product equality declaration which is exhibit separately. According to the differences, only the related test cases were verified from original test report (Sporton Report Number FR482104D).

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/manufacturer 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	XT2623-1
FCC ID	IHDT56AT1
IMEI Code	Conducted: 350084460004633/350084460004641 Radiation: 350084460004633/350084460004641
HW Version	DVT2
SW Version	VVTB35.5
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	2.577 KHz
99%OBW	2.188 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. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

<table>
<tr><td>Test Firm</td><td colspan="4">Sporton International Inc. (ShenZhen)</td></tr>
<tr><td>Test Site Location</td><td colspan="4">101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People’s Republic of China
TEL: +86-755-86066985</td></tr>
<tr><td rowspan="2">Test Site No.</td><td colspan="2">Sporton Site No.</td><td>FCC Designation No.</td><td>FCC Test Firm Registration No.</td></tr>
<tr><td>TH01-SZ</td><td>03CH05-SZ</td><td rowspan="4">CN1256</td><td rowspan="4">421272</td></tr>
<tr><td>Test Engineer</td><td>Xiaobin Han</td><td>ZhanSheng Liu</td></tr>
<tr><td>Temperature</td><td>22~24℃</td><td>23~25℃</td></tr>
<tr><td>Relative Humidity</td><td>53~55%</td><td>48~52%</td></tr>
</table>

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH05-SZ	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

Remark:

1. The standard of ANSI C63.10-2013 updated to ANSI C63.10-2020, the difference is not affect on test results of this device.

1.9 Specification of Accessory

Specification of Accessory				
AC Adapter 1(US)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-201L
AC Adapter 1(EU)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-202L
AC Adapter 1(UK)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-203L
AC Adapter 1(IN)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-204
AC Adapter 1(AU)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-205L
AC Adapter 1(AR)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-206L
AC Adapter 1(PRC)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-208L
AC Adapter 1(CHILE)	**Brand Name**	Motorola(AOHAI)	**Model Name**	MC-209L
AC Adapter 2(US)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-201L
AC Adapter 2(EU)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-202L
AC Adapter 2(UK)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-203L
AC Adapter 2(AU)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-205L
AC Adapter 2(AR)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-206L
AC Adapter 2(BR)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-207L
AC Adapter 2(PRC)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-208L
AC Adapter 2(CHILE)	**Brand Name**	Motorola(SALCOMP)	**Model Name**	MC-209L
AC Adapter 3(US)	**Brand Name**	Motorola(CHENYANG)	**Model Name**	MC-201L
AC Adapter 3(EU)	**Brand Name**	Motorola(CHENYANG)	**Model Name**	MC-202L
AC Adapter 3(AR)	**Brand Name**	Motorola(CHENYANG)	**Model Name**	MC-206L
AC Adapter 3(BR)	**Brand Name**	Motorola(CHENYANG)	**Model Name**	MC-207L
Battery 1	**Brand Name**	Motorola(ATL)	**Model Name**	RL52
Battery 2	**Brand Name**	Motorola(COSMX)	**Model Name**	RL52
Battery 3	**Brand Name**	Motorola(SUNWODA)	**Model Name**	RL52
USB Cable 1	**Brand Name**	Motorola(Yihuaxing)	**Model Name**	T365-020 T365-020-01 T365-020-02
USB Cable 2	**Brand Name**	Motorola(WASHIN)	**Model Name**	HX-TL-01 HX-TL-08 HX-TL-07
USB Cable 3	**Brand Name**	Motorola(Juwei)	**Model Name**	JWUB1614-T03H JWUB1705-T03H JWUB1856-T03H
USB Cable 4	**Brand Name**	Motorola(I-SHENG)	**Model Name**	SC18D38574

2. Test Configuration of Equipment Under Test

2.1 Descriptions of Test Mode

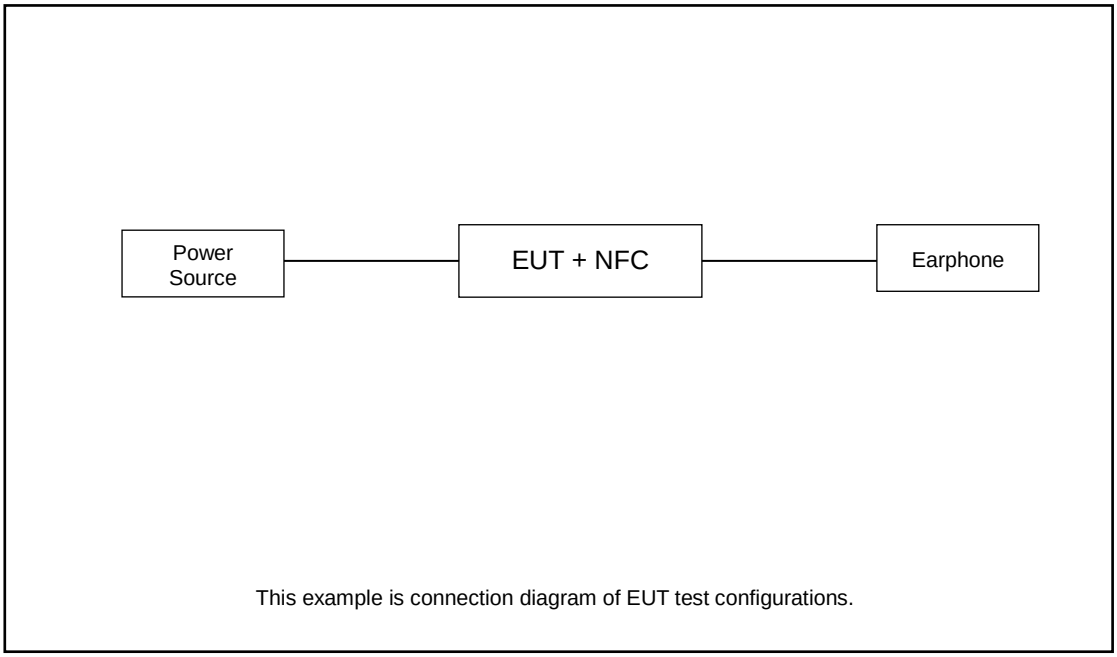
Investigation has been done on all the possible configurations.

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) 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



This example is connection diagram of EUT test configurations.

2.3 Table for Supporting Units

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Earphone	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 20dB and 99% OBW Spectrum Bandwidth Measurement

3.1.1 Limit

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

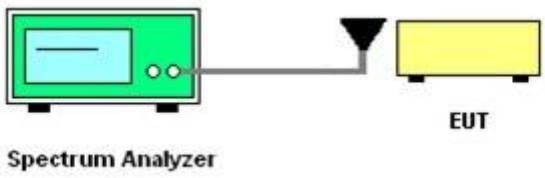
3.1.2 Measuring Instruments

See list of measuring instruments of this test report.

3.1.3 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.

3.1.4 Test Setup



3.1.5 Test Result of Conducted Test Items

Please refer to Appendix A.

3.2 Frequency Stability Measurement

3.2.1 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.

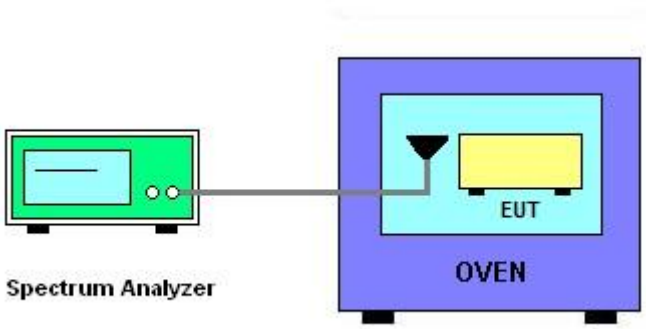
3.2.2 Measuring Instruments

See list of measuring instruments of this test report.

3.2.3 Test Procedures

1. The testing follows ANSI C63.10-2020 clause 6.8.
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 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.
7. Extreme temperature rule is -20°C~50°C.

3.2.4 Test Setup



3.2.5 Test Result of Conducted Test Items

Please refer to Appendix A.

3.3 Field Strength of Fundamental Emissions and Mask Measurement

3.3.1 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
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

3.3.2 Measuring Instruments

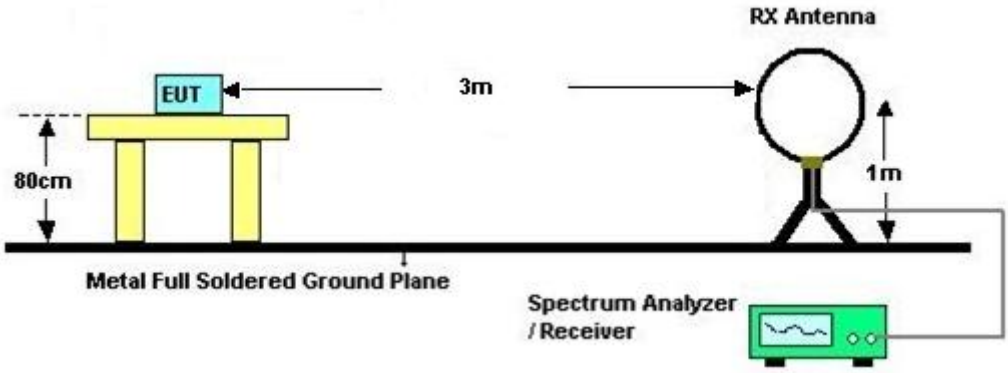
See list of measuring instruments of this test report.

3.3.3 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*log(d1/d2).

3.3.4 Test Setup

For radiated emissions below 30MHz



3.3.5 Test Result of Field Strength of Fundamental Emissions and Mask

Please refer to Appendix B.

3.4 Radiated Emissions Measurement

3.4.1 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 (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

3.4.2 Measuring Instruments

See list of measuring instruments of this test report.

3.4.3 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

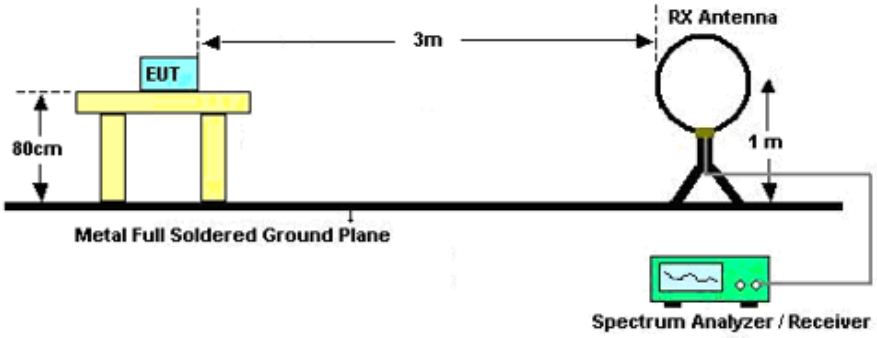
Note: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

3.4.4 Test Procedures

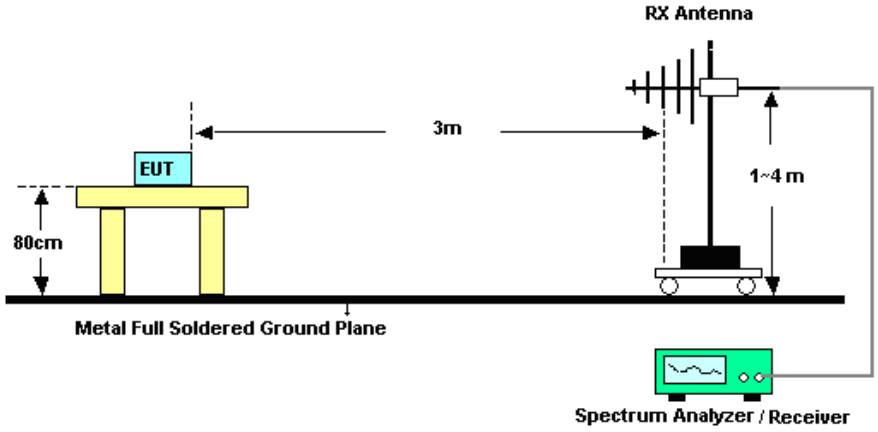
1. Configure the EUT according to ANSI C63.10 clause 6.5 and 6.6. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT 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

3.4.5 Test Setup

For radiated emissions below 30MHz



For radiated emissions above 30MHz



3.4.6 Test Result of Radiated Emissions Measurement

Please refer to Appendix B.

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).

3.5 Antenna Requirements

3.5.1 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.

3.5.2 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
EMI Test Receiver	R&S	ESR7	102261	9kHz~7GHz	Apr. 02, 2025	Oct. 10, 2025	Apr. 01, 2026	Radiation (03CH05-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY59071191	10Hz~44GHz	Apr. 02, 2025	Oct. 10, 2025	Apr. 01, 2026	Radiation (03CH05-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Oct. 10, 2025	Dec. 27, 2025	Radiation (03CH05-SZ)
Log-periodic Antenna	SCHWARZBECK	VULB 9168	01001	20MHz~1.5GHz	Jul. 08, 2025	Oct. 10, 2025	Jul. 07, 2026	Radiation (03CH05-SZ)
Amplifier	EM Electronics	EM330	060756	0.01Hz ~3000MHz	Apr. 02, 2025	Oct. 10, 2025	Apr. 01, 2026	Radiation (03CH05-SZ)
AC Power Source	APC	AFV-S-600	F119050013	N/A	Oct. 15, 2024	Oct. 10, 2025	Oct. 14, 2025	Radiation (03CH05-SZ)
Turn Table	EMEC	T-200-S-1	060925-T	0~360 degree	NCR	Oct. 10, 2025	NCR	Radiation (03CH05-SZ)
Antenna Mast	EMEC	MBS-400-1	060927	1 m~4 m	NCR	Oct. 10, 2025	NCR	Radiation (03CH05-SZ)
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Oct. 13, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
Thermo meter	Anymetre	JR593	#7	- 10℃ ~ 50℃ 10%RH~99%RH	Apr. 03, 2025	Oct. 13, 2025	Apr. 02, 2026	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H20140818803	-40~+150°C	Jul. 02, 2025	Oct. 13, 2025	Jul. 01, 2026	Conducted (TH01-SZ)

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	±0.012 MHz
Frequency	±1.3 Hz

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.5 dB

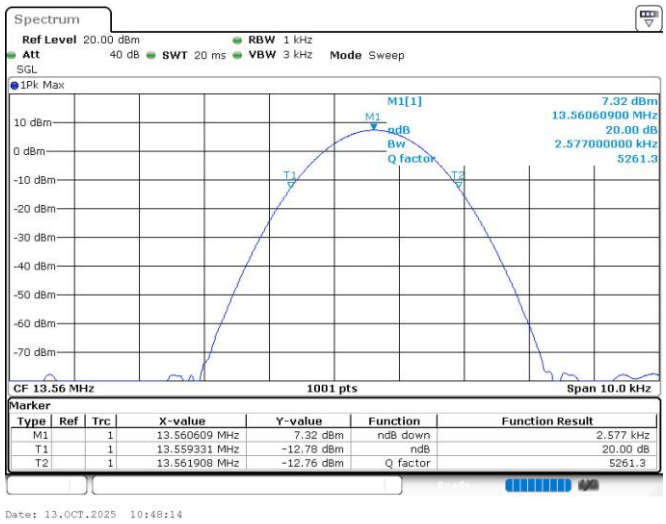
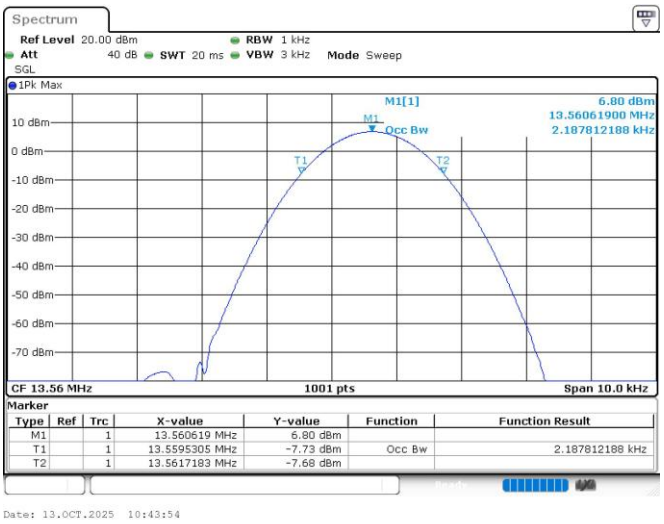
Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.2 dB

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

Appendix A. Test Results of Conducted Test Items

A1. Test Result of 20dB Spectrum Bandwidth

Test mode	NFC Tx	Test Frequency (MHz)	13.56
			
20dB Bandwidth (kHz)	2.577	**99% OccupiedBW(kHz)**	2.188
Frequency range (MHz)	**f_L > 13.553**	13.559331	**Test Result**
	f_H < 13.567	13.561908	**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.

A2. Test Result of Frequency Stability

Voltage vs. Frequency Stability		Temperature vs. Frequency Stability	
Voltage (Vdc)	**Measurement Frequency (MHz)**	**Temperature (℃)**	**Measurement Frequency (MHz)**
LV	13.560620	-20	13.560620
NV	13.560620	-10	13.560620
HV	13.560620	0	13.560620
		10	13.560620
		20	13.560620
		30	13.560620
		40	13.560620
		50	13.560620
Max.Deviation (MHz)	0.000620	Max.Deviation (MHz)	0.000620
Max.Deviation (ppm)	45.6858	Max.Deviation (ppm)	45.6858
Limit	FS < ±100 ppm	Limit	FS < ±100 ppm
Test Result	**PASS**	Test Result	**PASS**

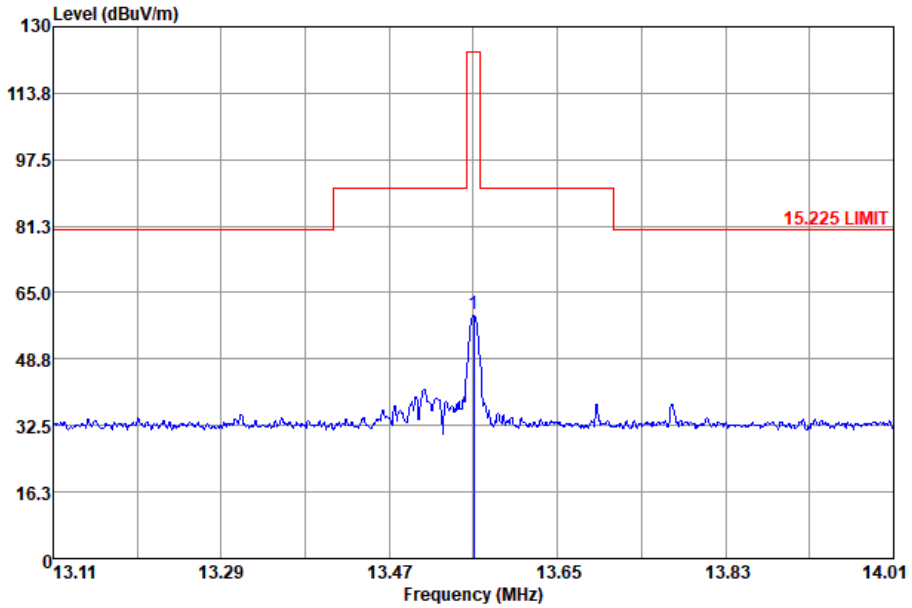
Appendix B. Test Results of Radiated Test Items

B1. Results of Field Strength of Fundamental Emissions

Frequency (MHz)	Level @3m (dBuV/m)	Distance Factor (dB)	Corrected Level @30m (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Remark	Pol/Phase
13.56	59.68	40	19.68	84.0	-64.32	38.50	20.27	0.91	QP	Perpendicular
13.56	54.79	40	14.79	84.0	-69.21	33.61	20.27	0.91	QP	Parallel

Note: The field strength is tested at 3m distance then convert to 30m by adding distance factor 40*log(d1/d2).

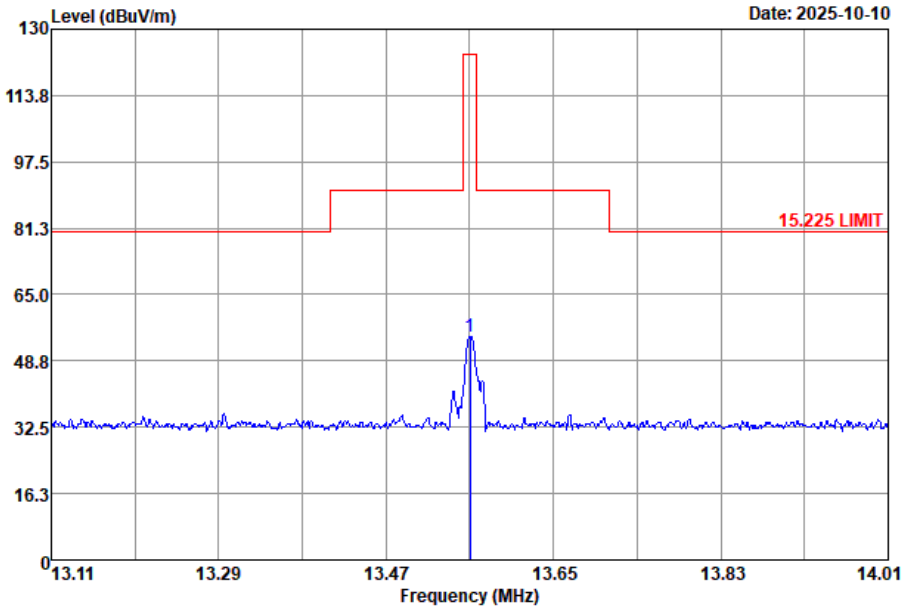
Test Mode :	NFC Tx	Polarization :	Perpendicular
Test Distance	3m		



Site : 03CH05-SZ
Condition : 15.225 LIMIT 3m LOOP ANTENNA-316424 HORIZONTAL

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1	13.56	59.68	-64.32	124.00	38.50	20.27	0.91	---	---	QP

Test Mode :	NFC Tx	Polarization :	Parallel
Test Distance	3m		



Site : 03CH05-SZ
Condition : 15.225 LIMIT 3m LOOP ANTENNA-316424 VERTICAL

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1	13.56	54.79	-69.21	124.00	33.61	20.27	0.91	---	---	QP

Note:

1. The field strength is tested at 3m distance then convert to 30m by adding Distance extrapolation factor.
2. Distance extrapolation factor = 40 log (specific distance / test distance) (dB)
3. Level(dBμV/m) = Read Level(dBμV) + Antenna Factor(dB/m) + Cable Loss(dB) + Aux Factor(distance factor)
4. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

B2. Results of Radiated Spurious Emissions (9 kHz~30MHz)

Test Mode :	NFC Tx	Polarization :	Perpendicular

Frequency (MHz)	Level @3m (dBμV/m)	Distance Factor (dB)	Corrected Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
0.03843	46.13	80	-33.87	-69.78	35.91	26.39	19.7	0.04	-	-	Average
0.07746	41.23	80	-38.77	-68.59	29.82	21.46	19.74	0.03	-	-	Average
0.1068	36.33	80	-43.67	-70.7	27.03	16.42	19.88	0.03	-	-	QP
0.13773	33.37	80	-46.63	-71.45	24.82	13.35	19.98	0.04	-	-	Average
1.608	38.64	40	-1.36	-24.84	23.48	18.26	20.17	0.21	-	-	QP
4.85	35.91	40	-4.09	-33.63	29.54	15.4	20.19	0.32	-	-	QP
9.376	36.21	40	-3.79	-33.33	29.54	15.19	20.24	0.78	-	-	QP
18.97	35.83	40	-4.17	-33.71	29.54	14.61	20.2	1.02	-	-	QP
28.02	36.28	40	-3.72	-33.26	29.54	14.65	20.45	1.18	-	-	QP

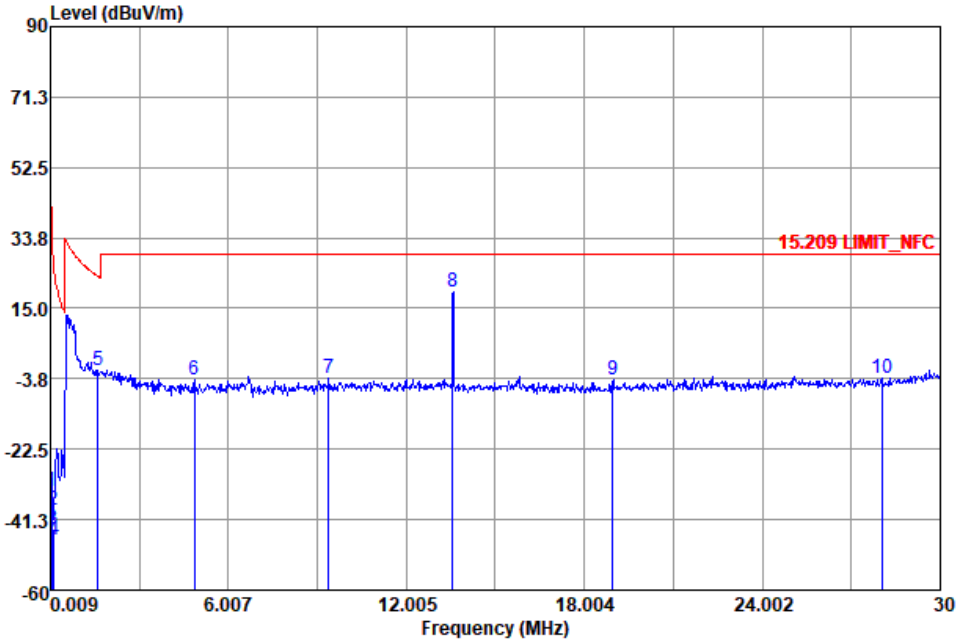
Test Mode :	NFC Tx	Polarization :	Parallel

Frequency (MHz)	Level @3m (dBμV/m)	Distance Factor (dB)	Corrected Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB)	Cable Loss (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
0.03833	49.09	80	-30.91	-66.84	35.93	29.35	19.7	0.04	-	-	Average
0.07845	41.21	80	-38.79	-68.5	29.71	21.44	19.74	0.03	-	-	Average
0.10734	38.12	80	-41.88	-68.87	26.99	18.2	19.89	0.03	-	-	QP
0.12744	34.78	80	-45.22	-70.72	25.5	14.84	19.9	0.04	-	-	Average
1.586	38.14	40	-1.86	-25.46	23.6	17.76	20.17	0.21	-	-	QP
6.734	36.93	40	-3.07	-32.61	29.54	16.13	20.29	0.51	-	-	QP
11.776	36.11	40	-3.89	-33.43	29.54	14.87	20.36	0.88	-	-	QP
21.382	37	40	-3	-32.54	29.54	15.53	20.4	1.07	-	-	QP
28.06	36.46	40	-3.54	-33.08	29.54	14.83	20.45	1.18	-	-	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. Corrected Level = Level @3m (dBμV/m) - distance extrapolation factor.

Test Mode :	NFC Tx	Polarization :	Perpendicular

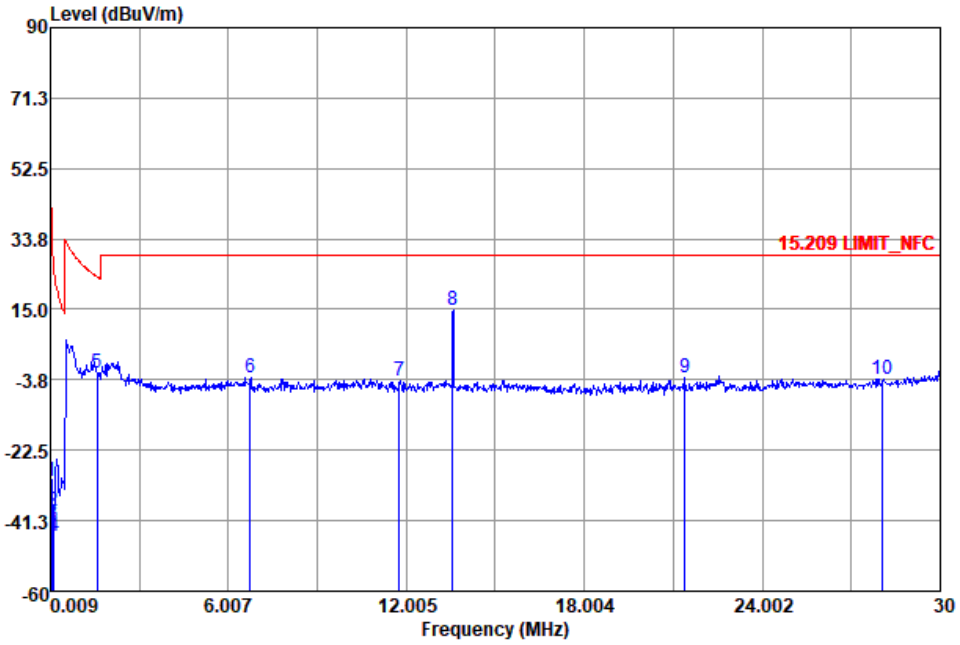


Site : 03CH05-SZ
Condition : 15.209 LIMIT NFC 3m LOOP ANTENNA-316424 HORIZONTAL

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Aux Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	0.04	-33.87	-69.78	35.91	26.39	19.70	0.04	-80.00	---	---	Average
2	0.08	-38.77	-68.59	29.82	21.46	19.74	0.03	-80.00	---	---	Average
3	0.11	-43.67	-70.70	27.03	16.42	19.88	0.03	-80.00	---	---	QP
4	0.14	-46.63	-71.45	24.82	13.35	19.98	0.04	-80.00	---	---	Average
5	1.61	-1.36	-24.84	23.48	18.26	20.17	0.21	-40.00	---	---	QP
6	4.85	-4.09	-33.63	29.54	15.40	20.19	0.32	-40.00	---	---	QP
7	9.38	-3.79	-33.33	29.54	15.19	20.24	0.78	-40.00	---	---	QP
8	13.56				38.17	20.27	0.91	-40.00	---	---	QP
9	18.97	-4.17	-33.71	29.54	14.61	20.20	1.02	-40.00	---	---	QP
10	28.02	-3.72	-33.26	29.54	14.65	20.45	1.18	-40.00	---	---	QP

Note: 13.56MHz level could be referred to section B.1

Test Mode :	NFC Tx	Polarization :	Parallel



Site : 03CH05-SZ
Condition : 15.209 LIMIT NFC 3m LOOP ANTENNA-316424 VERTICAL

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Aux Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	0.04	-30.91	-66.84	35.93	29.35	19.70	0.04	-80.00	---	---	Average
2	0.08	-38.79	-68.50	29.71	21.44	19.74	0.03	-80.00	---	---	Average
3	0.11	-41.88	-68.87	26.99	18.20	19.89	0.03	-80.00	---	---	QP
4	0.13	-45.22	-70.72	25.50	14.84	19.90	0.04	-80.00	---	---	Average
5	1.59	-1.86	-25.46	23.60	17.76	20.17	0.21	-40.00	---	---	QP
6	6.73	-3.07	-32.61	29.54	16.13	20.29	0.51	-40.00	---	---	QP
7	11.78	-3.89	-33.43	29.54	14.87	20.36	0.88	-40.00	---	---	QP
8	13.56				33.58	20.27	0.91	-40.00	---	---	QP
9	21.38	-3.00	-32.54	29.54	15.53	20.40	1.07	-40.00	---	---	QP
10	28.06	-3.54	-33.08	29.54	14.83	20.45	1.18	-40.00	---	---	QP

Note: 13.56MHz level could be referred to section B.1

B3. Results of Radiated Spurious Emissions (30MHz~1GHz)

Test Mode :	NFC Tx	Polarization :	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	23.49	-16.51	40	37.55	19.29	1.37	34.72	-	-	Peak
107.6	19.58	-23.92	43.5	36.74	15.68	2.06	34.9	-	-	Peak
157.07	19.86	-23.64	43.5	33.62	18.78	2.36	34.9	-	-	Peak
193.93	19.84	-23.66	43.5	35.78	16.29	2.67	34.9	-	-	Peak
230.79	22.19	-23.81	46	37.09	17.03	2.91	34.84	-	-	Peak
319.06	22.67	-23.33	46	34.24	19.83	3.3	34.7	-	-	Peak

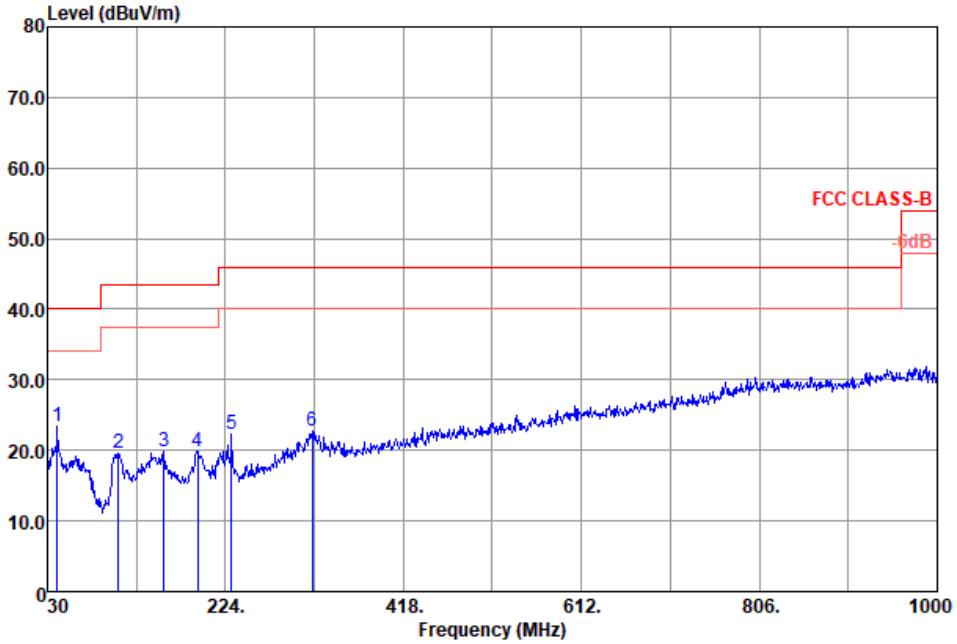
Test Mode :	NFC Tx	Polarization :	Vertical

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	36.36	-3.64	40	50.42	19.29	1.37	34.72	-	-	Peak
122.15	18.48	-25.02	43.5	34.31	16.91	2.16	34.9	-	-	Peak
154.16	21.1	-22.4	43.5	34.67	18.98	2.35	34.9	-	-	Peak
195.87	19.35	-24.15	43.5	35.39	16.16	2.7	34.9	-	-	Peak
230.79	20.33	-25.67	46	35.23	17.03	2.91	34.84	-	-	Peak
321.97	20.22	-25.78	46	31.73	19.88	3.31	34.7	-	-	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.

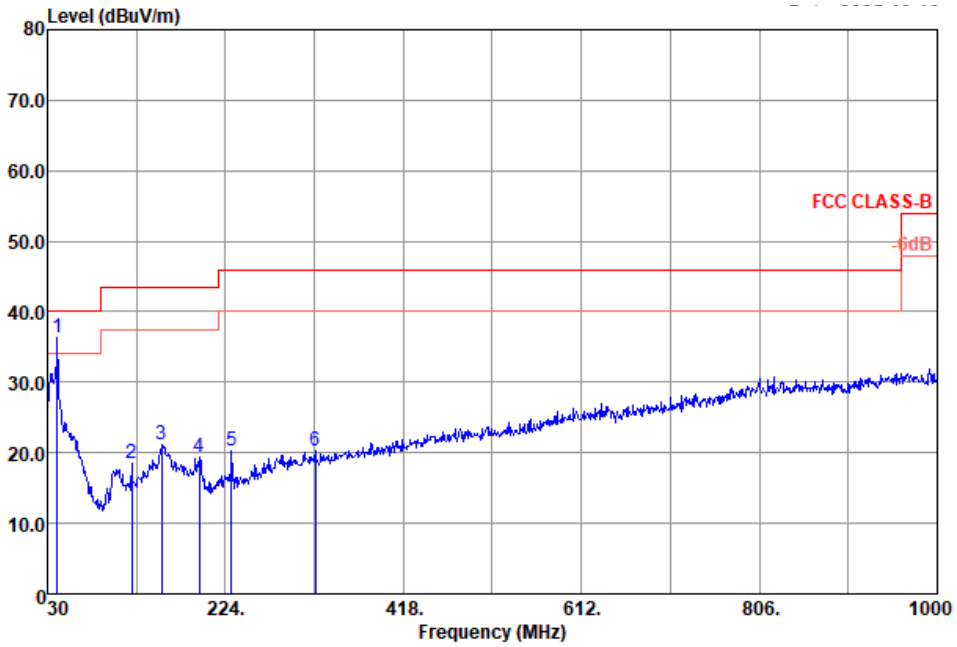
Test Mode :	NFC Tx	Polarization :	Horizontal



Site : 03CH05-SZ
Condition : FCC CLASS-B 3m VULB9168-01001 HORIZONTAL

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 *	40.67	23.49	-16.51	40.00	37.55	19.29	1.37	34.72	---	---	Peak
2	107.60	19.58	-23.92	43.50	36.74	15.68	2.06	34.90	---	---	Peak
3	157.07	19.86	-23.64	43.50	33.62	18.78	2.36	34.90	---	---	Peak
4	193.93	19.84	-23.66	43.50	35.78	16.29	2.67	34.90	---	---	Peak
5	230.79	22.19	-23.81	46.00	37.09	17.03	2.91	34.84	---	---	Peak
6	319.06	22.67	-23.33	46.00	34.24	19.83	3.30	34.70	---	---	Peak

Test Mode :	NFC Tx	Polarization :	Vertical



Site : 03CH05-SZ
Condition : FCC CLASS-B 3m VULB9168-01001 VERTICAL

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 *	40.67	36.36	-3.64	40.00	50.42	19.29	1.37	34.72	---	---	Peak
2	122.15	18.48	-25.02	43.50	34.31	16.91	2.16	34.90	---	---	Peak
3	154.16	21.10	-22.40	43.50	34.67	18.98	2.35	34.90	---	---	Peak
4	195.87	19.35	-24.15	43.50	35.39	16.16	2.70	34.90	---	---	Peak
5	230.79	20.33	-25.67	46.00	35.23	17.03	2.91	34.84	---	---	Peak
6	321.97	20.22	-25.78	46.00	31.73	19.88	3.31	34.70	---	---	Peak