

# FCC RADIO TEST REPORT

Applicant..... : Miura Systems Ltd

Address..... : Unit 3, Cliveden Office Village, Lancaster Road Cressex Industrial Estate,  
High Wycombe, HP12 3YZ, United Kingdom

Manufacturer..... : Miura Systems Ltd

Address..... : Unit 3, Cliveden Office Village, Lancaster Road Cressex Industrial Estate,  
High Wycombe, HP12 3YZ, United Kingdom

Factory..... : Jabil Vietnam Company Limited

Address..... : Lot I-8 SaiGon Hitech Park, Long Thanh My ward, Thu Duc city, Ho Chi Minh  
city, Vietnam

Product Name..... : Mobile Point of Sales terminal

Brand Name..... : Miura Systems Ltd

Model No. .... : M021, M020 (For model difference refer to section 2.)

FCC ID..... : 2AO4FM020-2

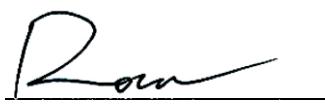
Measurement Standard..... : 47 CFR FCC Part 15, Subpart C (Section 15.225)

Receipt Date of Samples..... : April 24, 2023

Date of Tested..... : April 24, 2023 to May 25, 2023

Date of Report..... : June 29, 2023

This report shows that above equipment is technically compliant with the requirements of the standards above.  
All test results in this report apply only to the tested sample(s). Without prior written approval of Dongguan  
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Prepared by

Rose Hu / Project Engineer



Approved by

Iori Fan / Authorized Signatory

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## Revision History

## 1. Summary of Test Result

FCC Rules	Description of Test	Result	Remarks
§15.207 (a)	AC Power Line Conducted Emission	PASS	---
§15.225 & 15.209 & 15.205	Radiated Spurious Emission	PASS	---
§15.225(e)	Frequency Stability	PASS	---
§15.215(c)	20dB Emission Bandwidth Testing	PASS	---
§15.203	Antenna Requirement	PASS	---

Note: The EUT has been tested as an independent unit.

## 2. General Description of EUT

Product Information	
Product Name:	Mobile Point of Sales terminal
Main Model Name:	M021
Additional Model Name:	M020
Model Difference:	Both M020 and M021 have the same design in circuit diagram and PCB layout, and the difference between M020 and M021 is that M021 supports colour touch screen and backlit keypad, but M020 only supports colour screen and non-backlit keypad.
S/N:	021-023862, 021-023870, 021-023850
Brand Name:	Miura Systems Ltd
Hardware Version:	M021-TEST04-V3-0
Software Version:	M000-TESTOS-V9-8k
Rating:	USB charging input: 5V 800mA DC; Internal Battery: 3.7Vdc 1150mAh
Typical arrangement:	Table-top
I/O Port:	Refer to user manual
Accessories Information	
Adapter:	N/A
Cable:	USB Line: 0.95m shielded, detachable
Other:	N/A
Additional Information	
Note:	According to these model differences, all tests were performed on model M021 according to the manufacturer requirement.
Remark:	All the information above are provided by the manufacturer. More detailed feature of the EUT please refers to the user manual.

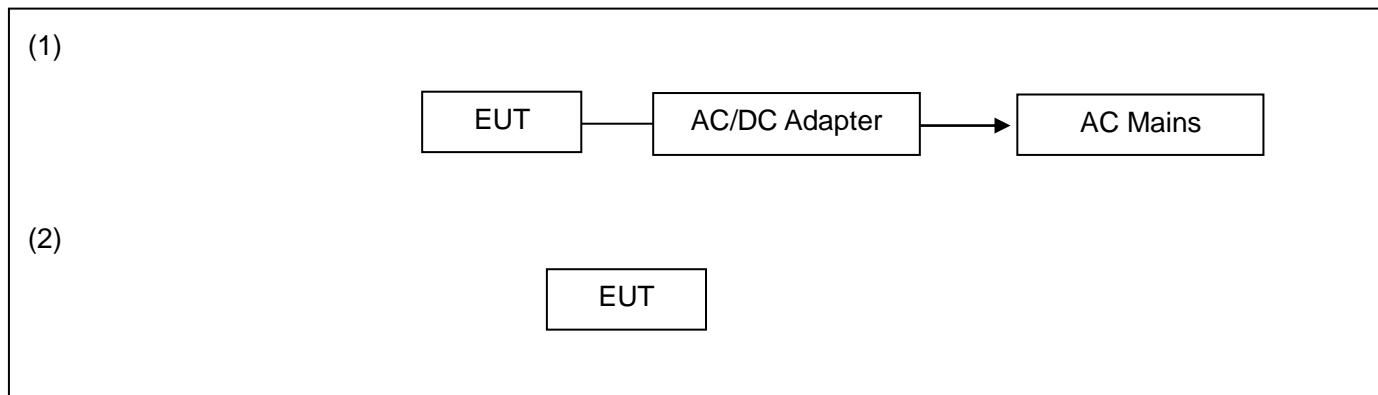
Technical Specification	
Declaring the Frequency:	13.56MHz
Modulation Type:	ASK
Antenna Type:	PCB antenna
Antenna Gain:	1.76 dBi (Declared by the manufacturer)
Number of Channels:	1

### 3. Test Channels and Modes Detail

Mode	Test Frequency (MHz)	Modulation	Data Rate (Mbps)
1	TX	13.56MHz	ASK

Note: TX mode means that the EUT was programmed to be in continuously transmitting mode.

### 4. Configuration of EUT



### 5. Modification of EUT

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

### 6. Description of Support Device

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

No.	Equipment	Brand	M/N	S/N	Cable Specification	Remarks
1.	Adapter	HUAWEI	HW-050200C01	--	--	Provided by manufacturer

Software	Mode	Power Setting
Default	Default	Default

## 7. Test Facility and Location

Test Site	:	Dongguan Nore Testing Center Co., Ltd. (Dongguan NTC Co., Ltd.)
Accreditations and Authorizations	:	<p>The Laboratory has been assessed and proved to be in compliance with CNAS/CL01</p> <p>Listed by CNAS, August 13, 2018</p> <p>The Certificate Registration Number is L5795.</p> <p>The Certificate is valid until August 13, 2024</p> <p>The Laboratory has been assessed and proved to be in compliance with ISO17025</p> <p>Listed by A2LA, November 01, 2017</p> <p>The Certificate Registration Number is 4429.01</p> <p>The Certificate is valid until December 31, 2023</p> <p>Listed by FCC, November 06, 2017</p> <p>Test Firm Registration Number: 907417</p> <p>Listed by Industry Canada, June 08, 2017</p> <p>The Certificate Registration Number. Is 46405-9743A</p> <p>The CAB identifier number: CN0015</p>
Test Site Location	:	Building D, Gaosheng Science and Technology Park, Hongtu Road, Nancheng District, Dongguan City, Guangdong Province, China

## 8. Applicable Standards and References

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

### Test Standards:

47 CFR Part 15, Subpart C, 15.225

ANSI C63.10-2013

### References Test Guidance:

N/A

## 9. Deviations and Abnormalities from Standard Conditions

No additions, deviations and exclusions from the standard.

## 10. Test Conditions

No.	Test Item	Test Mode	Test Voltage	Tested by	Remarks
1.	AC Power Conducted Emission	1	AC 120V 60Hz	Sean	See note 1
2.	Radiated Emission	1	AC 120V 60Hz DC 3.7V	Sean	See note 1
3.	Frequency Stability	1	DC 3.7V	Sean	See note 1
4.	20dB Emission Bandwidth Testing	1	DC 3.7V	Sean	See note 1
5.	Antenna Requirement	1	---	Sean	See note 1

**Note:**

1. The testing climatic conditions for temperature, humidity, and atmospheric pressure are within: 15~35 °C, 30~70%, 86~106kPa
2. For test voltage AC 120V 60Hz was come from Adapter; DC 3.7V was come from internal li-ion battery.
3. As the EUT can be operated multiple positions, all X,Y,Z axis were considered during the test and only the worst case Z was recorded.
4. Only the worst case was recorded in the report.
5. Sample 021-023850 and 021-023862 used for Radiated Emission, 20dB Emission Bandwidth and AC Power Conducted Emission test, and 021-023870 used for Frequency Stability test.

## 11. Measurement Uncertainty

No.	Test Item	Frequency	Uncertainty	Remarks
1.	Conducted Emission	150KHz ~ 30MHz	±2.52 dB	---
2.	Radiated Emission Test	9kHz ~ 30MHz	±5.04 dB	---
		30MHz ~ 1GHz	±5.04 dB	---
		1GHz ~ 18GHz	±5.23 dB	---
		18GHz ~ 40GHz	±5.23 dB	---
		10Hz ~ 40GHz	±0.78 dB	---
3.	Conducted Spurious Emissions	10Hz ~ 40GHz	±0.86 dB	---
4.	RF Output Power	10Hz ~ 40GHz	±1.06 dB	---
5.	Power Spectral Density	10Hz ~ 40GHz	---	±1.42 x10 <sup>-7</sup>
6.	Occupied Channel Bandwidth	---	---	---

**Note:**

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
2. The measurement uncertainty levels above are estimated and calculated according to CISPR 16-4-2.
3. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

## 12. Sample Calculations

Conducted Emission						
Freq. (MHz)	Reading Level (dBuV)	Correct Factor (dB)	Measurement (dBuV)	Limit (dBuV)	Over (dB)	Detector
0.4859	31.15	10.57	41.72	56.24	-14.52	QP

Where,

Freq. = Emission frequency in MHz  
 Reading Level = Spectrum Analyzer/Receiver Reading  
 Corrector Factor = Insertion loss of LISN + Cable Loss + RF Switching Unit attenuation  
 Measurement = Reading + Corrector Factor  
 Limit = Limit stated in standard  
 Margin = Measurement - Limit  
 Detector = Reading for Quasi-Peak / Average / Peak

Radiated Spurious Emissions						
Freq. (MHz)	Reading Level (dBuV)	Correct Factor (dB/m)	Measurement (dBuV/m)	Limit (dBuV/m)	Over (dB)	Detector
433.5200	30.91	-3.81	27.10	46.00	-18.90	QP

Where,

Freq. = Emission frequency in MHz  
 Reading Level = Spectrum Analyzer/Receiver Reading  
 Corrector Factor = Antenna Factor + Cable Loss - Pre-amplifier  
 Measurement = Reading + Corrector Factor  
 Limit = Limit stated in standard  
 Over = Margin, which calculated by Measurement - Limit  
 Detector = Reading for Quasi-Peak / Average / Peak

Note: For all conducted test items, the spectrum analyzer offset or transducer is derived from RF cable loss and attenuator factor. The offset or transducer is equal to the RF cable loss plus attenuator factor.

## 13. Test Items and Results

### 13.1 Conducted Emissions Measurement

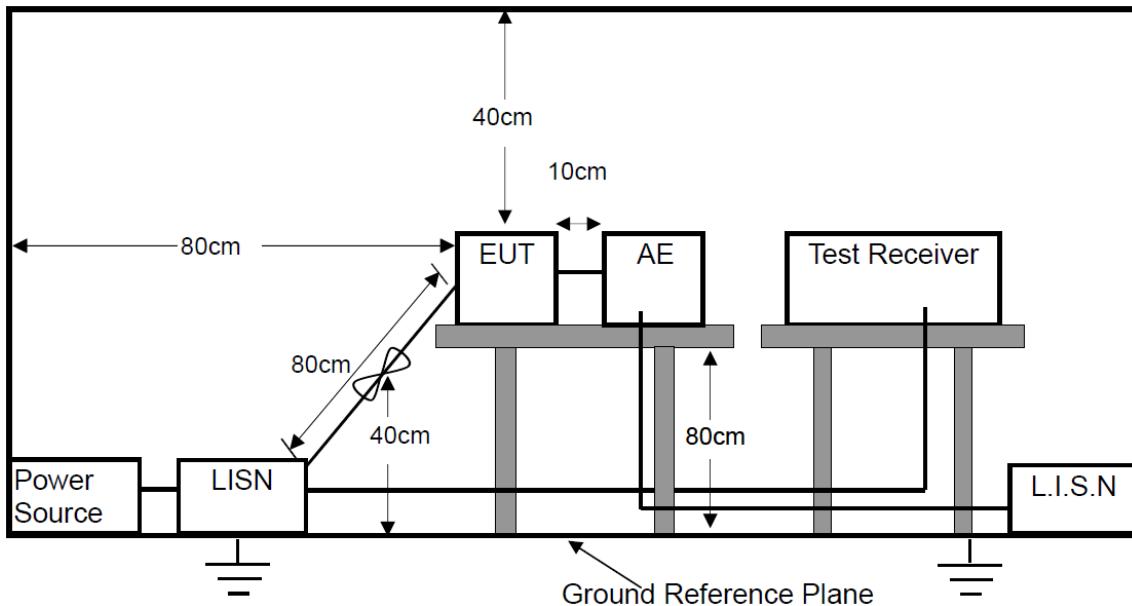
#### LIMIT

According to the requirements of FCC PART 15.207, the limits are as follows:

Frequency (MHz)	Quasi-peak	Average
0.15 to 0.5	66 to 56	56 to 46
0.5 to 5	56	46
5 to 30	60	50

Note: 1. If the limits for the average detector are met when using the quasi-peak detector, then the limits for the measurements with the average detector are considered to be met.  
 2. The lower limit shall apply at the transition frequencies.  
 3. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5MHz.

#### BLOCK DIAGRAM OF TEST SETUP



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## TEST PROCEDURES

- a. The EUT was placed on a wooden table 0.8m height from the metal ground plan and 0.4m from the conducting wall of the shielding room and it was kept at 0.8m from any other grounded conducting surface.
- b. All I/O cables and support devices were positioned as per ANSI C63.10.
- c. Connect mains power port of the EUT to a line impedance stabilization network (LISN).
- d. Connect all support devices to the other LISN and AAN, if needed.
- e. Scan the frequency range from 150KHz to 30MHz at both sides of AC line for maximum conducted interference checking and record the test data.

## TEST RESULTS

PASS

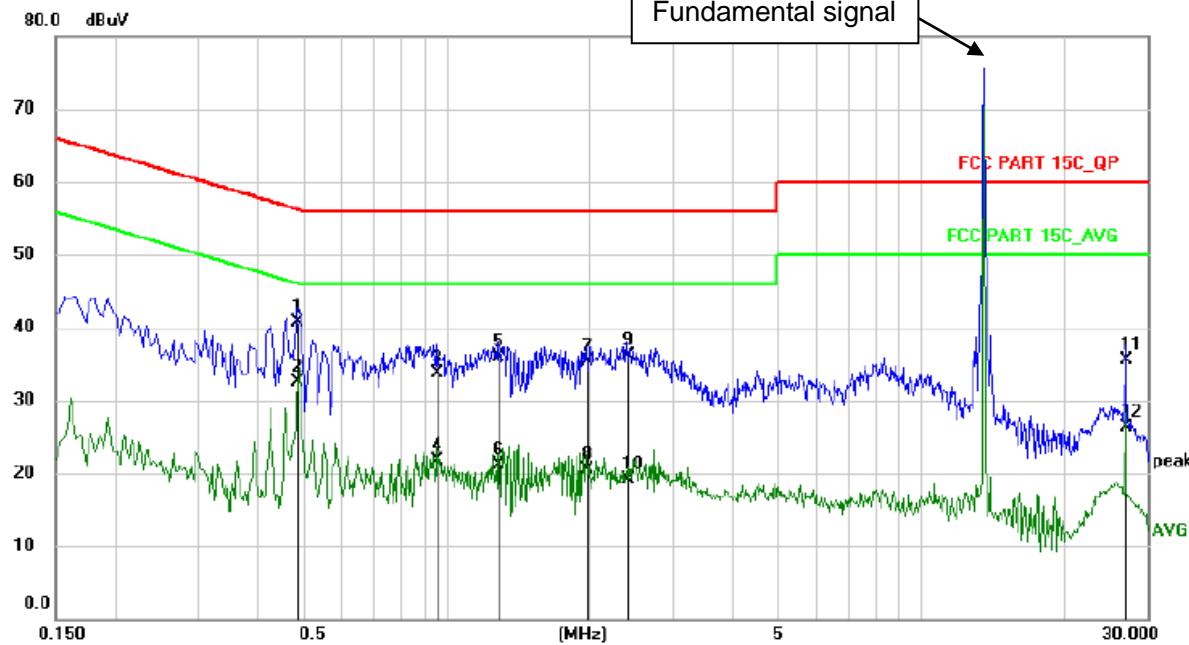
Please refer to the following pages.

M/N: M021	Testing Voltage: AC 120V 60Hz
Phase: L1	Detector: QP & AVG
Test Mode: 1	

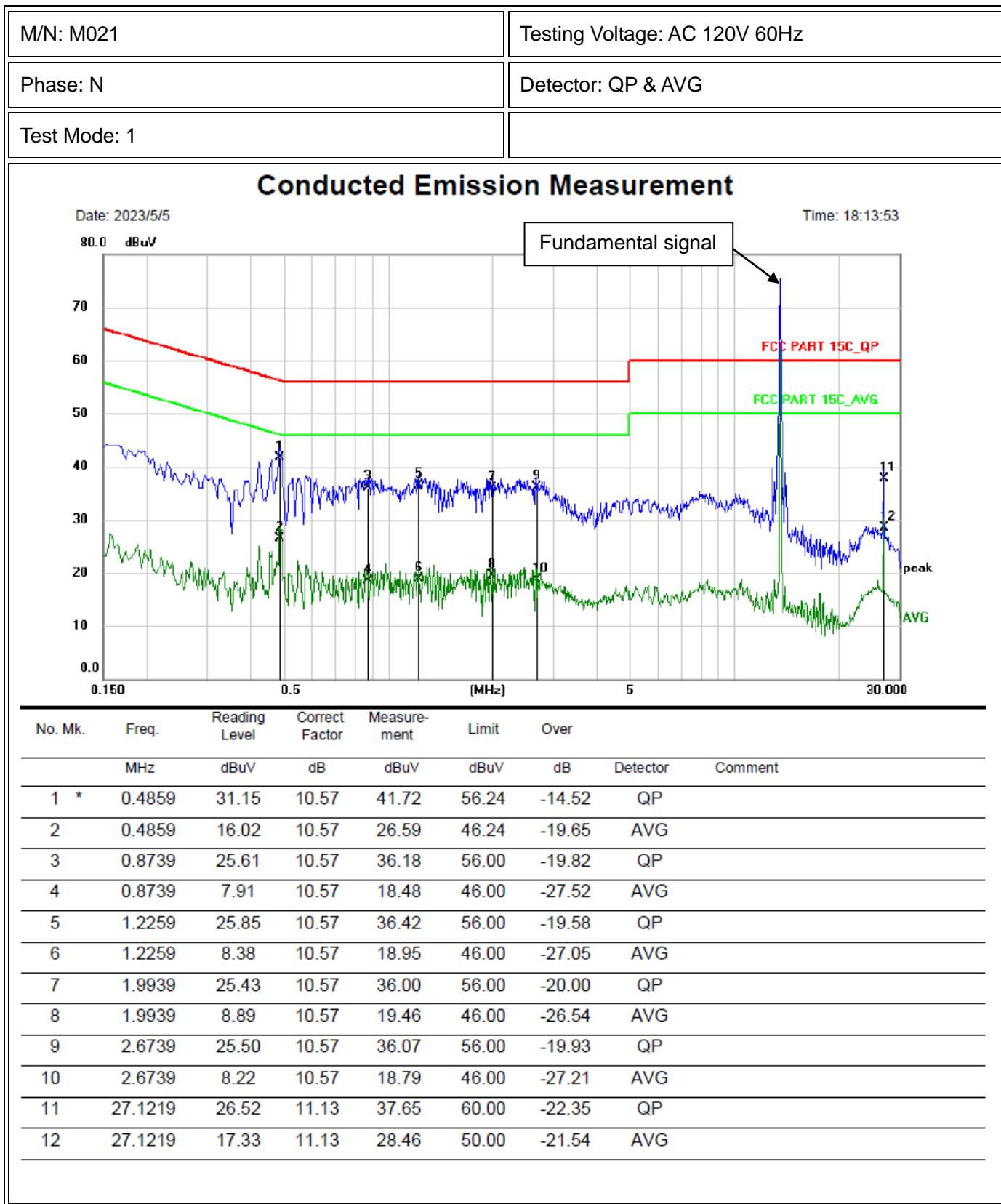
## Conducted Emission Measurement

Date: 2023/5/5

Time: 18:20:41



No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.4860	30.12	10.61	40.73	56.24	-15.51	QP	
2 *	0.4860	21.94	10.61	32.55	46.24	-13.69	AVG	
3	0.9580	23.14	10.61	33.75	56.00	-22.25	QP	
4	0.9580	11.00	10.61	21.61	46.00	-24.39	AVG	
5	1.2860	25.39	10.61	36.00	56.00	-20.00	QP	
6	1.2860	10.42	10.61	21.03	46.00	-24.97	AVG	
7	1.9740	24.72	10.61	35.33	56.00	-20.67	QP	
8	1.9740	9.89	10.61	20.50	46.00	-25.50	AVG	
9	2.4060	25.47	10.62	36.09	56.00	-19.91	QP	
10	2.4060	8.41	10.62	19.03	46.00	-26.97	AVG	
11	27.1220	24.38	11.14	35.52	60.00	-24.48	QP	
12	27.1220	15.21	11.14	26.35	50.00	-23.65	AVG	



## 13.2 Radiated Spurious Emissions Measurement

### LIMIT

Frequency range MHz	Distance Meters	Field Strengths Limit (15.209)
		$\mu\text{V/m}$
0.009 ~ 0.490	300	2400/F(kHz)
0.490 ~ 1.705	30	24000/F(kHz)
1.705 ~ 30	30	30
30 ~ 88	3	100
88 ~ 216	3	150
216 ~ 960	3	200
Above 960	3	500

Remark: (1) Emission level (dB) $\mu\text{V} = 20 \log$  Emission level  $\mu\text{V/m}$

(2) The smaller limit shall apply at the cross point between two frequency bands.

(3) As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

(4) The frequency range scanned is from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or 40 GHz, whichever is lower.

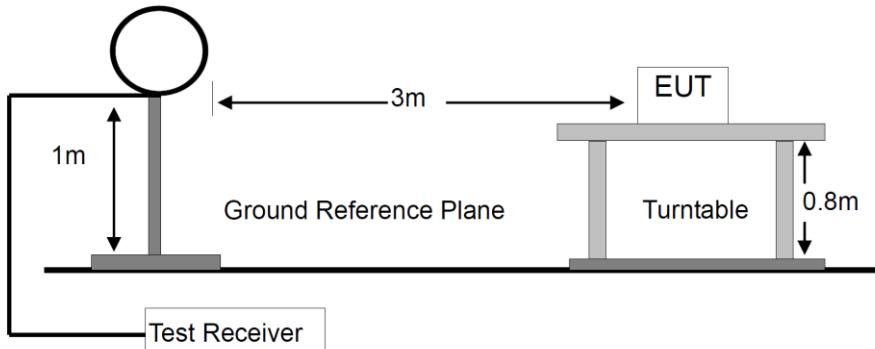
(5) §15.247(d) specifies that emissions which fall in the restricted bands, as defined in §15.205 comply with radiated emission limits specified in §15.209.

According to 15.225, the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

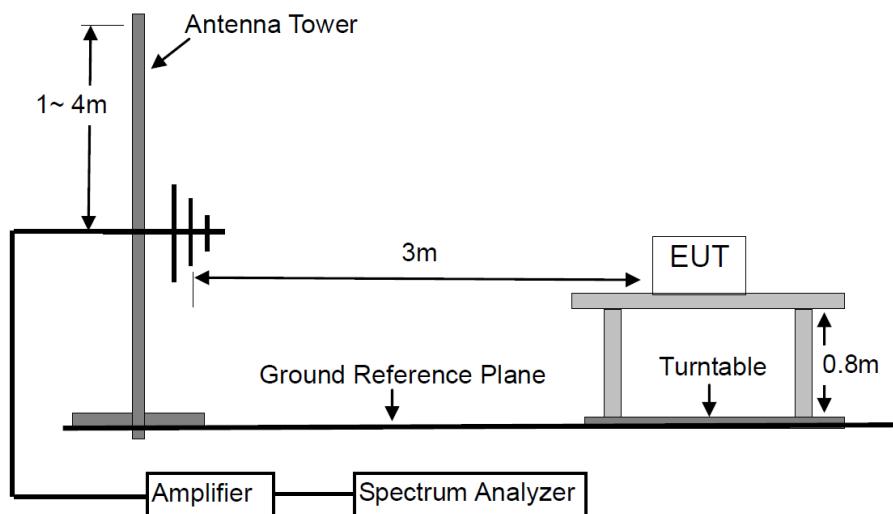
- (a) The field strength of any emissions within the band 13. 553-13.567MHz shall not exceed 15,848 microvolts/meter at 30 meters.
- (b) Within the bands 13.410-13.553MHz and 13.567-13.710MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters.
- (c) Within the bands 13.110-13410 MHz and 13.710-14.010MHz the field strength of any emissions shall not exceed 106 microvolts/meter at 30 meters.
- (d) The field strength of any emissions appearing outside of the 13.110-14.010MHz band shall not exceed the general radiated emission limits in 15.209.

### BLOCK DIAGRAM OF TEST SETUP

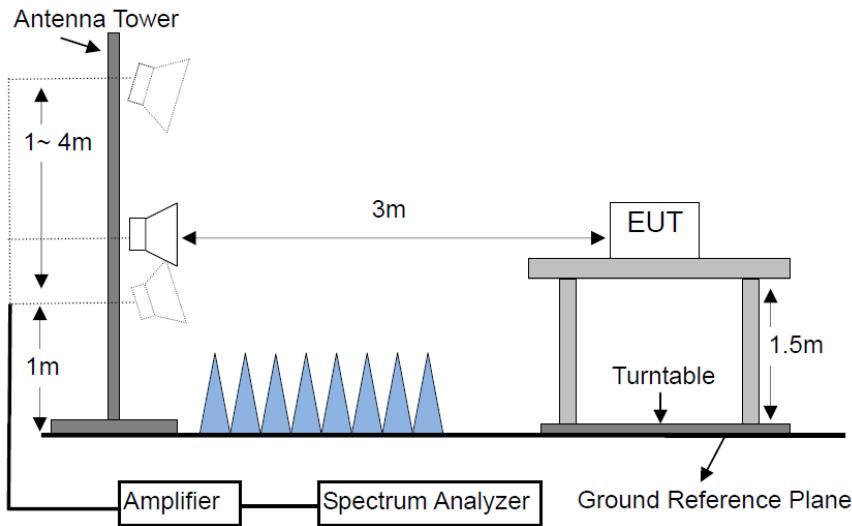
For Radiated Emission below 30MHz



For Radiated Emission 30-1000MHz



For Radiated Emission Above 1000MHz.



## TEST PROCEDURES

- Below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi- anechoic chamber room.
- For the radiated emission test above 1GHz:

The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter full anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.

- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

- d. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. The test-receiver system was set to peak detect function and specified bandwidth with maximum hold mode.
- f. A Quasi-peak measurement was then made for that frequency point for below 1GHz test. PK and AV for above 1GHz emission test.
- g. Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and packet type.

The worst case was found when the EUT was positioned on Z axis for radiated emission.

During the radiated emission test, the spectrum analyzer was set with the following configurations:

Frequency Band (MHz)	Detector	Resolution Bandwidth	Video Bandwidth
0.009~0.15	QP & AVG	200Hz	1KHz
0.15 -30	QP & AVG	9KHz	30KHz
30 to 1000	QP	120 kHz	300 kHz
Above 1000	Peak	1 MHz	3 MHz
	Average	1 MHz	10 Hz

## TEST RESULTS

PASS

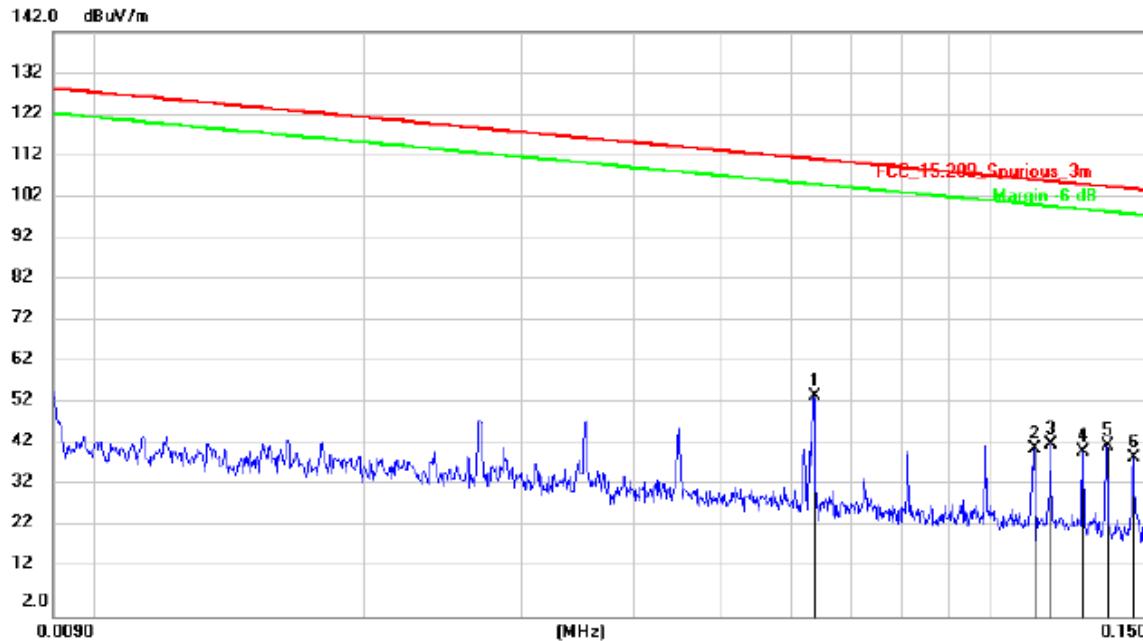
Please refer to the following pages.

M/N: M021	Testing Voltage: AC 120V 60Hz
Polarization: Horizontal	Detector: QP & AVG
Test Mode: TX	Distance: 3m

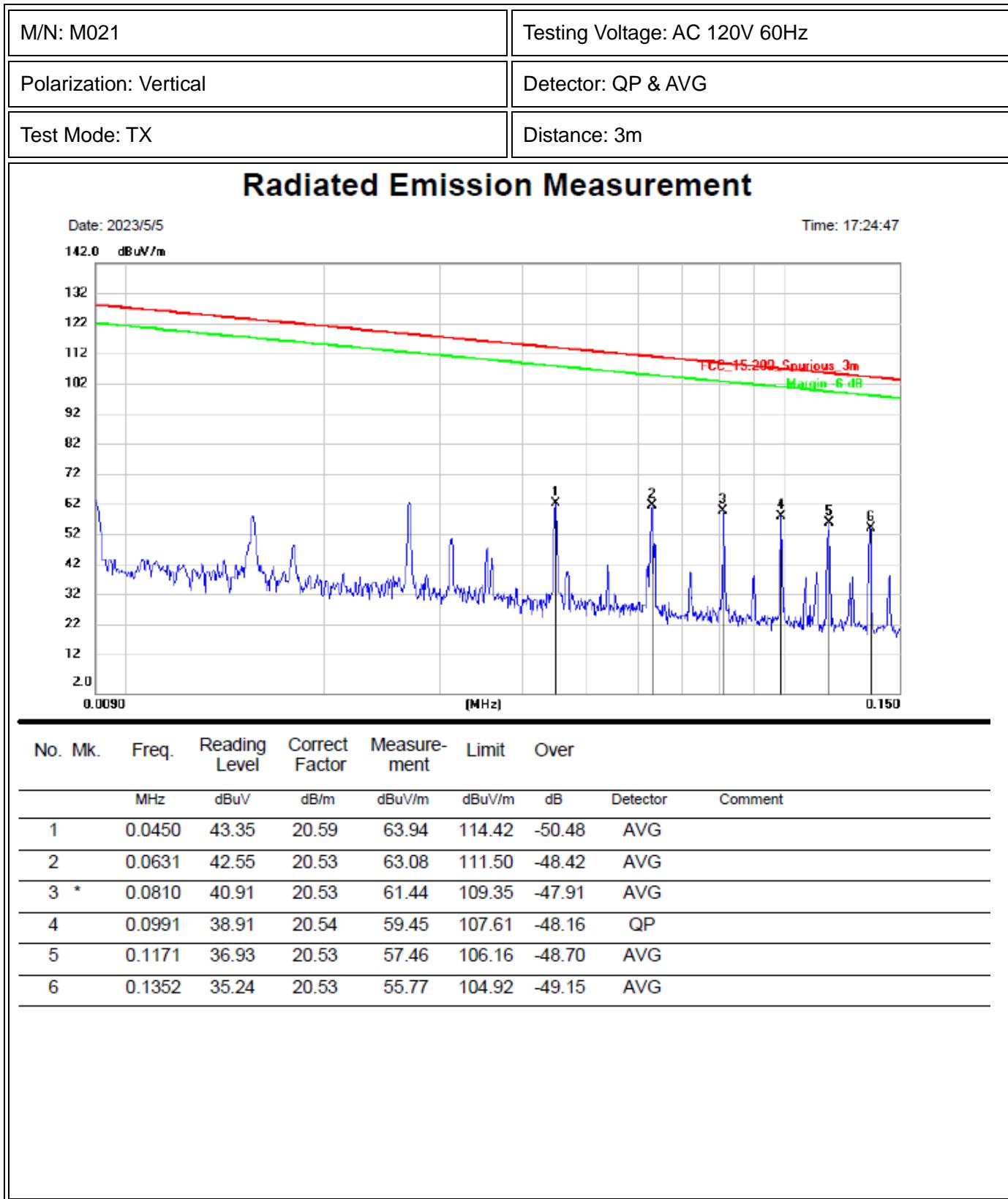
## Radiated Emission Measurement

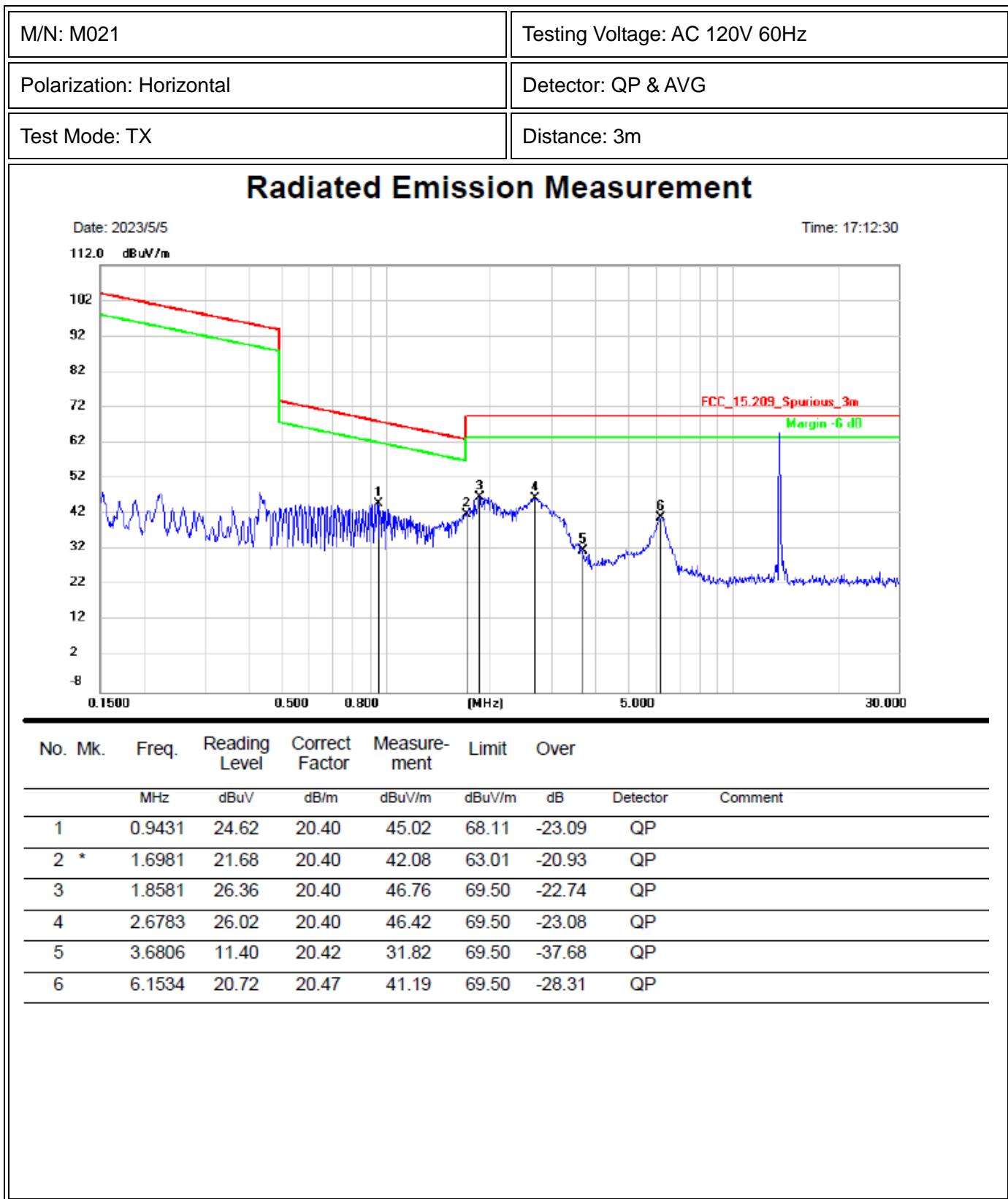
Date: 2023/5/5

Time: 17:06:14



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0636	34.06	20.53	54.59	111.44	-56.85	AVG	
2		0.1123	21.43	20.53	41.96	106.52	-64.56	AVG	
3		0.1171	22.42	20.53	42.95	106.16	-63.21	AVG	
4		0.1274	20.97	20.53	41.50	105.44	-63.94	AVG	
5		0.1352	22.19	20.53	42.72	104.92	-62.20	AVG	
6		0.1450	19.50	20.53	40.03	104.32	-64.29	AVG	





M/N: M021

Testing Voltage: AC 120V 60Hz

Polarization: Vertical

Detector: QP & AVG

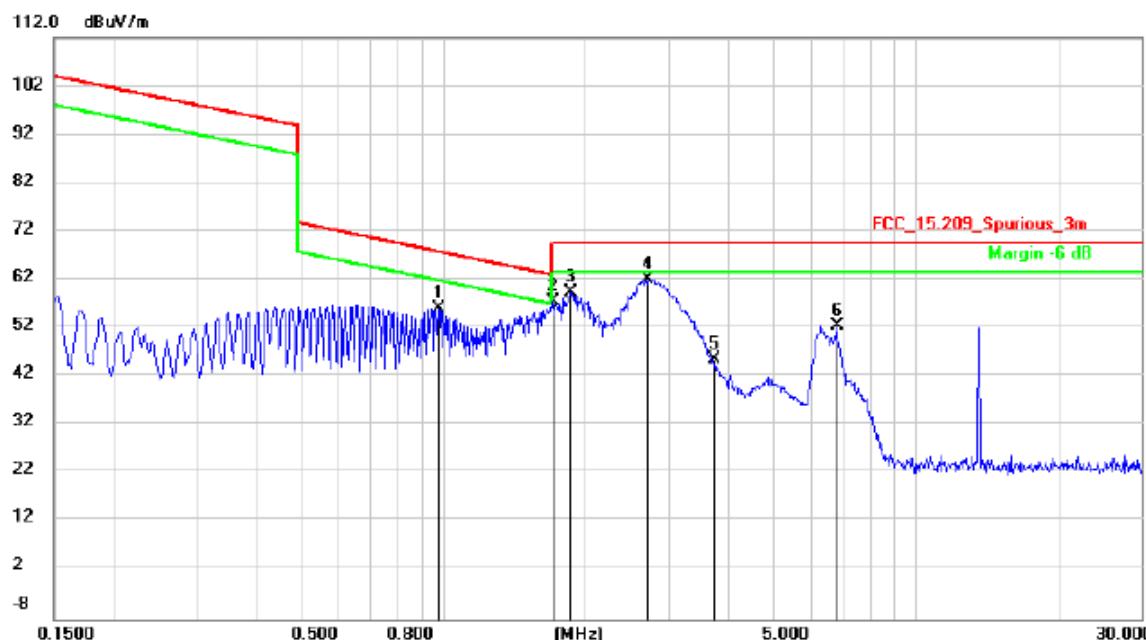
Test Mode: TX

Distance: 3m

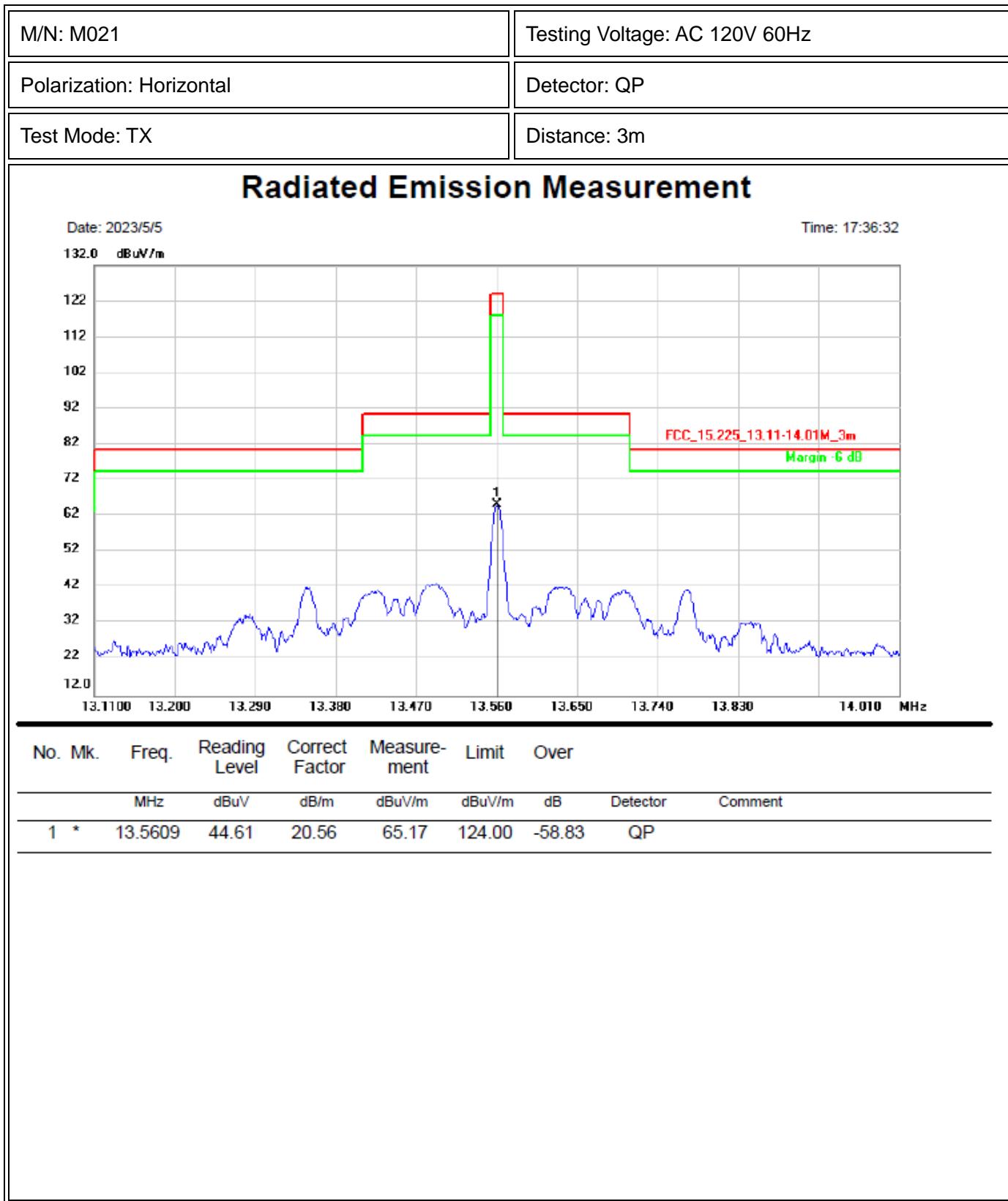
## Radiated Emission Measurement

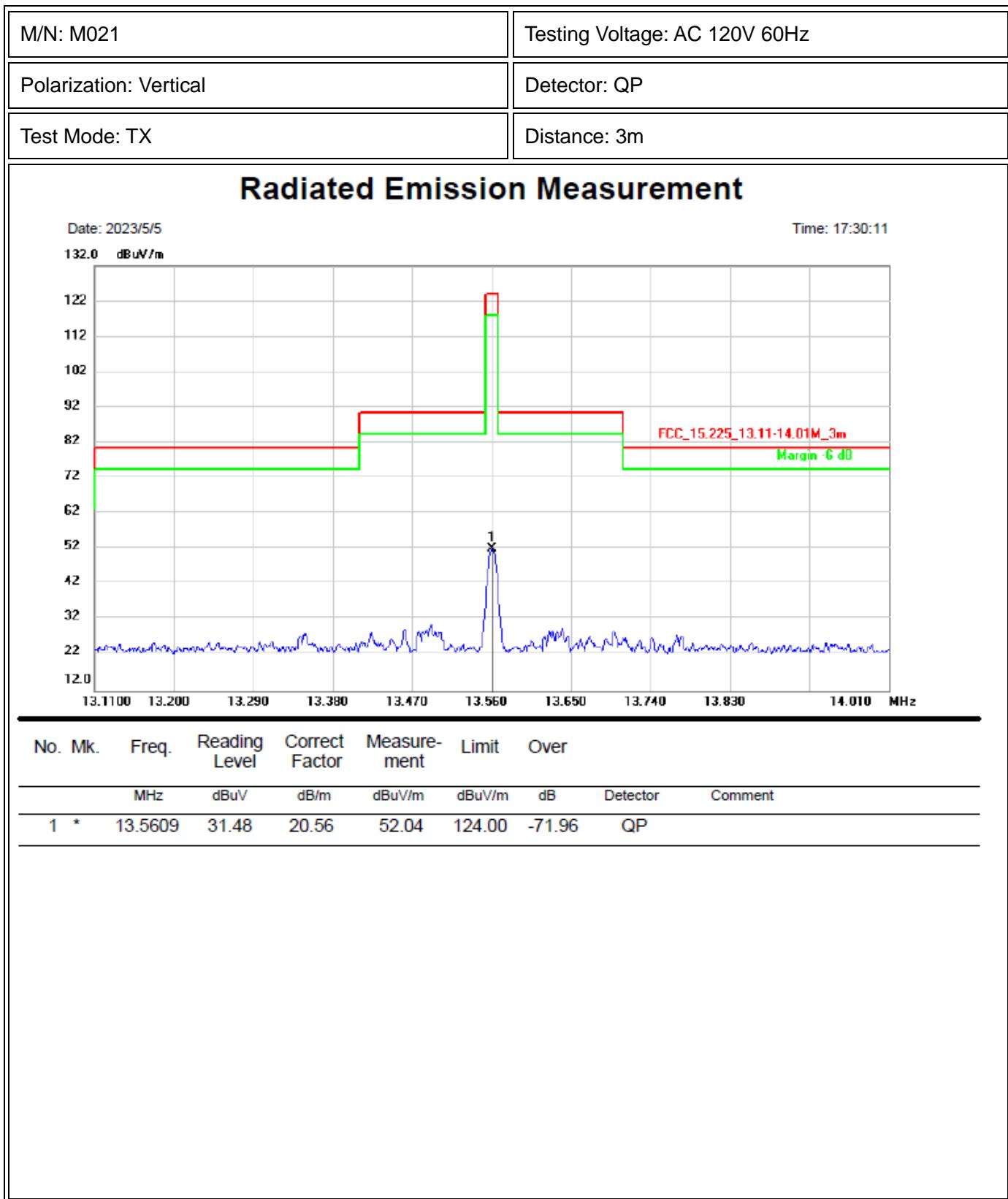
Date: 2023/5/5

Time: 17:18:24



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	0.9787	35.66	20.40	56.06	67.79	69.50	-11.73	QP	
2 *	1.6981	37.17	20.40	57.57	63.01	69.50	-5.44	QP	
3	1.8581	38.90	20.40	59.30	69.50	69.50	-10.20	QP	
4	2.6925	41.61	20.40	62.01	69.50	69.50	-7.49	QP	
5	3.7198	25.04	20.42	45.46	69.50	69.50	-24.04	QP	
6	6.8051	32.10	20.48	52.58	69.50	69.50	-16.92	QP	



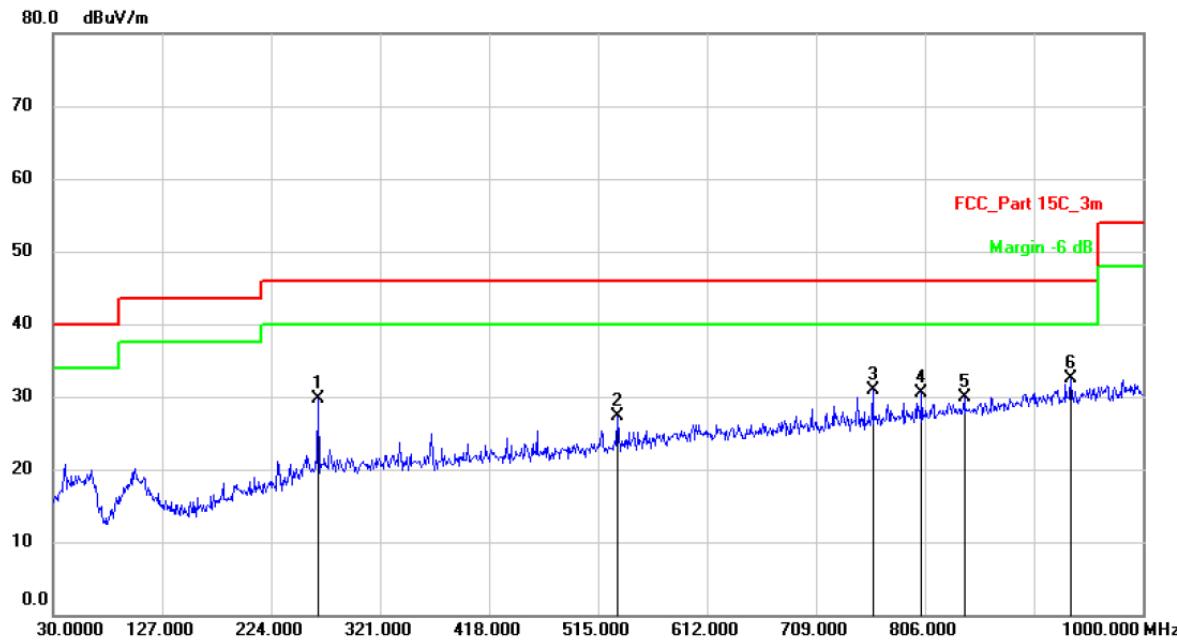


M/N: M021	Testing Voltage: AC 120V 60Hz
Polarization: Horizontal	Detector: QP
Test Mode: TX	Distance: 3m

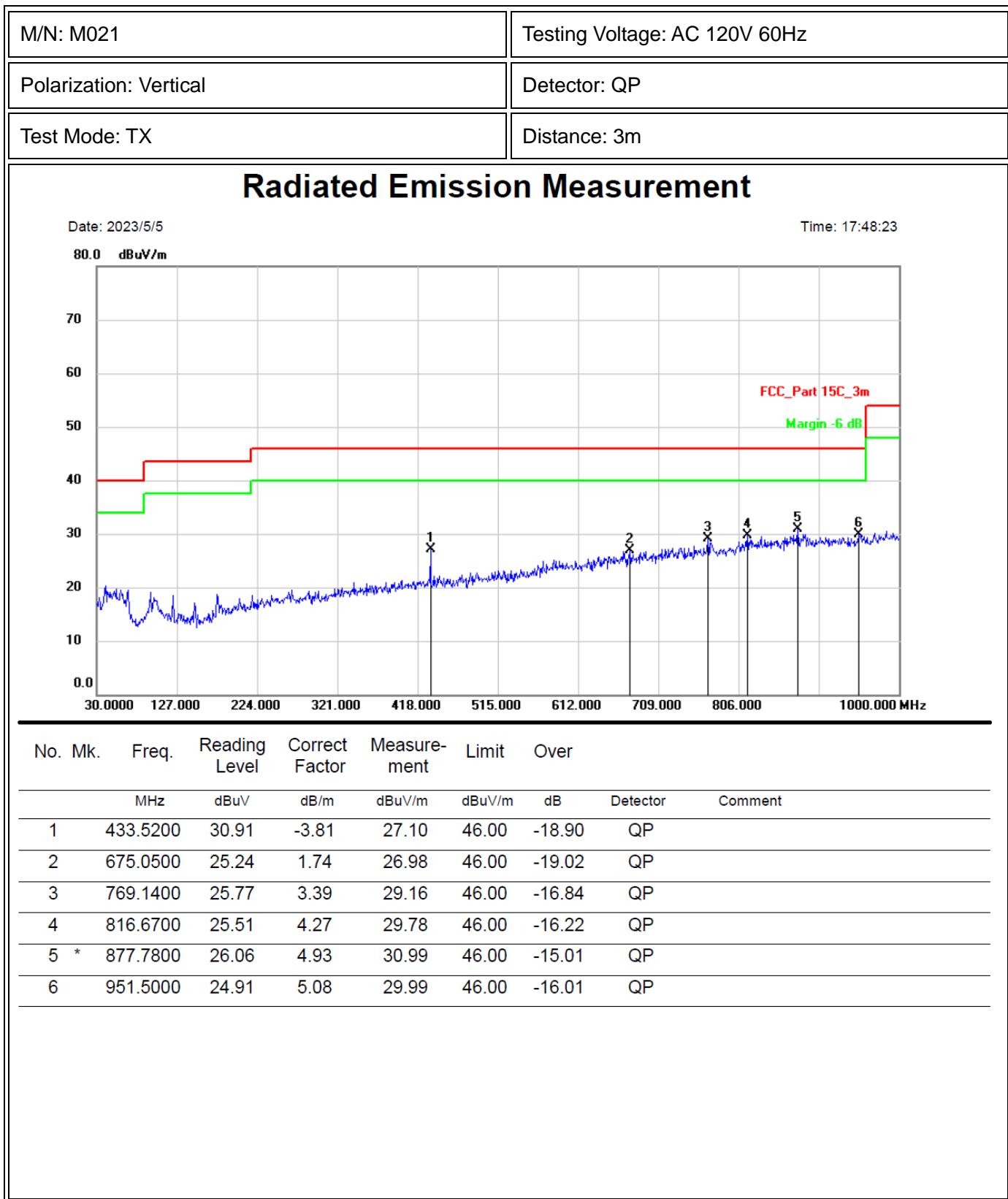
## Radiated Emission Measurement

Date: 2023/5/5

Time: 17:42:24



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	Over	
								MHz	dBuV
1		265.7100	35.87	-6.08	29.79	46.00	-16.21	QP	
2		532.4600	28.51	-1.21	27.30	46.00	-18.70	QP	
3		759.4400	27.74	3.20	30.94	46.00	-15.06	QP	
4		803.0900	26.53	4.02	30.55	46.00	-15.45	QP	
5		840.9200	25.32	4.65	29.97	46.00	-16.03	QP	
6	*	935.9800	26.30	6.25	32.55	46.00	-13.45	QP	

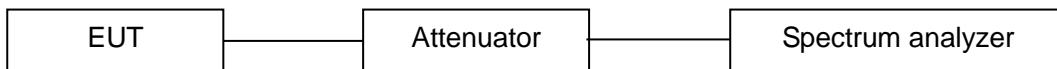


## 13.3 20dB Occupied Bandwidth

### LIMIT

According to 15.215 (C), Intentional radiators operating under the alternative provisions to the general emission limits, as contained in 15.217 through 15.257 and in subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. In the case of intentional radiators operating under the provisions of subpart E, the emission bandwidth may span across multiple contiguous frequency bands identified in that subpart. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

### BLOCK DIAGRAM OF TEST SETUP



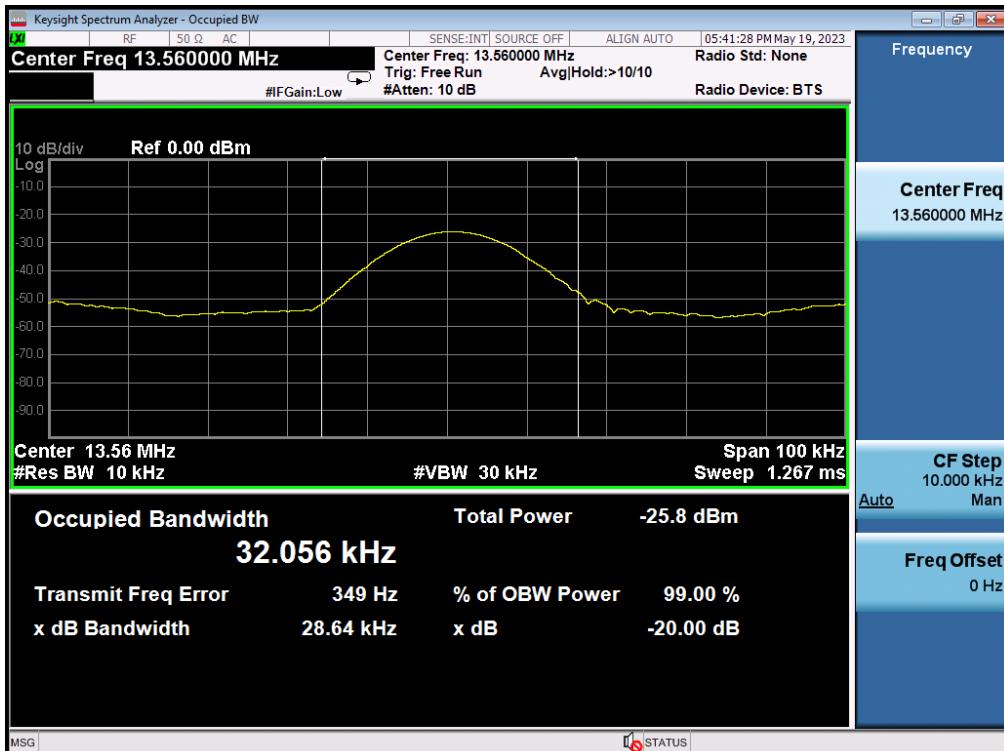
### TEST PROCEDURES

1. The output port (antenna) from the transmitter was connected to an attenuator and then to the input of the RF Spectrum analyzer.
2. Spectrum analyzer set the corresponding parameters for measurement and record the tested data

## TEST RESULTS

PASS

Please refer to the following table.

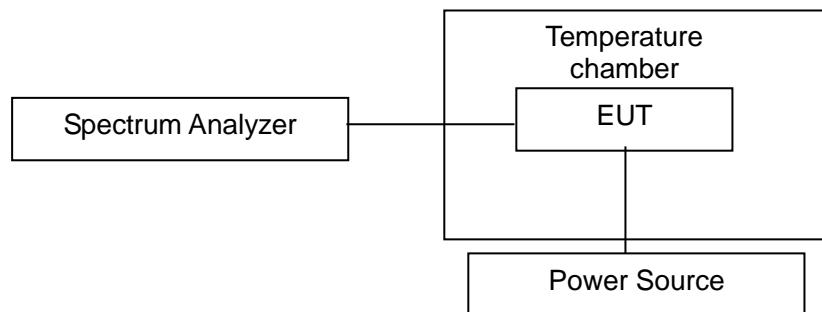
Frequency (MHz)	20 dB Bandwidth (KHz)	Result
13.56	28.64	PASS
Test Photo		
 <p>The screenshot shows a Keysight Spectrum Analyzer interface. The main display shows a signal centered at 13.56 MHz with a 32.056 kHz bandwidth. The Y-axis is labeled '10 dB/div' and 'Ref 0.00 dBm'. The X-axis is labeled 'Span 100 kHz' and 'Sweep 1.267 ms'. The right side of the screen displays various parameters: 'Center Freq 13.560000 MHz', 'CF Step 10.000 kHz', 'Freq Offset 0 Hz', and 'IFGain:Low'. The bottom of the screen shows transmit frequency error (349 Hz), x dB bandwidth (28.64 kHz), total power (-25.8 dBm), and % of OBW Power (99.00%).</p>		

## 13.4 Frequency Stability

### LIMIT

15.225 (e) The frequency tolerance of the carrier signal shall be maintained within 0.01 % 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.

### BLOCK DIAGRAM OF TEST SETUP



### TEST PROCEDURES

- a. The EUT was placed inside the environmental test chamber and powered by Power source.
- b. Turn the EUT on and couple its output to a spectrum analyzer.
- c. Turn the EUT off and set the chamber to the highest temperature specified.
- d. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 minutes.
- e. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.
- f. The chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

Note: The EUT set at un-modulation mode during frequency stability test.

### TEST RESULTS

PASS

Please refer to the following table.

Frequency (MHZ)	Temperature (°C)	Power Supplied (Vdc)	Measurement Frequency (MHZ)	Frequency Error (%)	Limit	Test Result
13.56	-20	3.7	13.5606	0.00442%	±0.01%	Pass
	-10		13.5606	0.00442%	±0.01%	Pass
	0		13.5606	0.00442%	±0.01%	Pass
	10		13.5605	0.00369%	±0.01%	Pass
	20		13.5605	0.00369%	±0.01%	Pass
	30		13.5605	0.00369%	±0.01%	Pass
	40		13.5605	0.00369%	±0.01%	Pass
	50		13.5605	0.00369%	±0.01%	Pass
	20	3.4	13.5606	0.00442%	±0.01%	Pass
	20	4.3	13.5606	0.00442%	±0.01%	Pass

Remark: The rating range of the EUT is between 3.4Vdc to 4.3Vdc.

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## 13.5 Antenna Requirement

### STANDARD APPLICABLE

According to of FCC part 15C section 15.203 and 15.240:

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, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

### ANTENNA CONNECTED CONSTRUCTION

The antenna is PCB antenna that no antenna other than furnished by the responsible party shall be used with the device, and the best case gain of the antenna is 1.76dBi, Therefore, the antenna is consider meet the requirement.

## 14. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCI7	100837	Mar. 13, 2023	1 Year
2.	Antenna	Schwarzbeck	VULB9162	9162-010	Mar. 23, 2022	2 Year
3.	Spectrum Analyzer	Rohde & Schwarz	FSU26	200409/026	Mar. 13, 2023	1 Year
4.	Spectrum Analyzer	Keysight	N9020A	MY54200831	Mar. 13, 2023	1 Year
5.	Spectrum Analyzer	Keysight	N9010B	1215146	Sep. 06, 2023	1 Year
6.	Horn Antenna	Schwarzbeck	BBHA9170	9170-172	Mar. 23, 2022	2 Year
7.	Power Sensor	DARE	RPR3006W	15I00041SNO 64	Mar. 13, 2023	1 Year
8.	Communication Tester	Rohde & Schwarz	CMW500	149004	Mar. 13, 2023	1 Year
9.	Horn Antenna	COM-Power	AH-118	071078	Mar. 23, 2022	2 Year
10.	Pre-Amplifier	HP	HP 8449B	3008A00964	Mar. 13, 2023	1 Year
11.	Pre-Amplifier	HP	HP 8447D	1145A00203	Mar. 13, 2023	1 Year
12.	Loop Antenna	Schwarzbeck	FMZB 1513	1513-272	Mar. 23, 2022	2 Year
13.	Test Receiver	Rohde & Schwarz	ESCI	101152	Mar. 13, 2023	1 Year
14.	L.I.S.N	Rohde & Schwarz	ENV 216	101317	Mar. 13, 2023	1 Year
15.	L.I.S.N	Rohde & Schwarz	ESH2-Z5	893606/014	Mar. 13, 2023	1 Year
16.	RF Switching Unit	Compliance Direction Systems Inc.	RSU-M2	38311	Mar. 13, 2023	1 Year
17.	Temperature & Humidity Chamber	REMAFEE	SYHR225L	N/A	Mar. 13, 2023	1 Year
18.	DC Source	Maynuo	MY8811	N/A	Mar. 13, 2023	1 Year
19.	Temporary antenna connector	TESCOM	SS402	N/A	N/A	N/A
20.	Chamber	SAEMC	9*7*7m	N/A	Apr. 21, 2023	2 Year
21.	Test Software	EZ	EZ_EMCA	N/A	N/A	N/A

Note: For photographs of EUT and measurement, please refer to appendix in separate documents.

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