



Test report No:
24C0966R-RF-US-P06V01

FCC TEST REPORT

Product Name	Mobile Computer
Model and /or type reference	PM68
Trademark	N/A
FCC ID	V2X-PM68
Applicant's name / address	Point Mobile Co.,LTD. A-26F, Building Gasan Publik 178, Digital-ro, Geumcheon-gu Seoul, 08513 Republic of Korea
Test method requested, standard	47 CFR FCC Part 15 (Section 15.225) ANSI C63.10: 2013
Verdict Summary	IN COMPLIANCE
Documented by (name / position & signature)	Jun Xu/ Project Manager 
Approved by (name / position & signature)	Frank He/ Manager 
Date of issue	2025-03-27
Report Version	V1.0
Report template No	Template_FCC 15.225-RF-V1.0

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COMPETENCES AND GUARANTEES

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

GENERAL CONDITIONS

Test Location	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Date(receive sample)	Feb. 17, 2025
Date (start test)	Feb. 18, 2025
Date (finish test)	Mar. 18, 2025

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.

ENVIRONMENTAL CONDITIONS

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:

Ambient temperature	15 °C – 35 °C
Relative Humidity air	30% - 60%

If explicitly required in the basic standard or applied product / product family standard the climatic values are recorded and documented separately in this test report.

POSSIBLE TEST CASE VERDICTS

Test case does not apply to test object	N/A
Test object does meet requirement	P (Pass) / PASS
Test object does not meet requirement	F (Fail) / FAIL
Not measured	N/M

ABBREVIATIONS

For the purposes of the present document, the following abbreviations apply:

EUT	: Equipment Under Test
QP	: Quasi-Peak
CAV	: CISPR Average
AV	: Average
CDN	: Coupling Decoupling Network
SAC	: Semi-Anechoic Chamber
OATS	: Open Area Test Site
BW	: Bandwidth
AM	: Amplitude Modulation
PM	: Pulse Modulation
HCP	: Horizontal Coupling Plane
VCP	: Vertical Coupling Plane
U_N	: Nominal voltage
T_x	: Transmitter
R_x	: Receiver
N/A	: Not Applicable
N/M	: Not Measured

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
24C0966R-RF-US-P06V01	V1.0	Initial issue of report.	2025-03-27

REMARKS AND COMMENTS

1. The equipment under test (EUT) does meet the essential requirements of the stated standard(s)/test(s).
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with 47 CFR FCC Part 15 (Section 15.225).
3. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, It is not necessary to account the uncertainty associated with the measurement result.
4. The test results presented in this report relate only to the object tested.
5. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification (Suzhou) Co., Ltd.
6. This report will not be used for social proof function in China market.
7. DEKRA declines any responsibility with the following test data provided by customer that may affect the validity of result:
 - Chapter 1.1 General Description of the Item(s);
 - Chapter 1.2 Antenna Informaion;
 - Chapter 1.3 Channel List.

USED EQUIPMENT

Field Strength of Fundamental, E-field Emission/ Field Strength of Spurious/ Frequency Stability/ Emission Bandwidth (9KHz-1GHz) / AC2

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
EMI Test Receiver	R&S	ESCI	100573	2025.01.11	2026.01.10	4.42 SP3	N/A
EXA Spectrum Analyzer	Keysight	N9020B	MY60112218	2024.11.02	2025.11.01	A.31.05	N/A
Loop Antenna	R&S	HFH2-Z2E	101149	2024.03.27	2025.03.26	N/A	N/A
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2024.03.20	2025.03.19	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	AC2-TH	2024.05.17	2025.05.16	N/A	N/A
Coaxial Cable	Huber+Suhner	RTS-1909	THM-021	2024.04.27	2025.04.26	N/A	N/A
Dekra test software	Dekra	N/A	N/A	N/A	N/A	N/A	3

AC Power Line Conducted Emission / TR1

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date	Firmware Version	Software version
EMI Test Receiver	R&S	ESCI	100726	2024.07.06	2025.07.05	4.42 SP1	N/A
Two-Line V-Network	R&S	ENV 216	101044	2024.10.26	2025.10.25	N/A	N/A
Two-Line V-Network	R&S	ENV 216	101189	2024.07.06	2025.07.05	N/A	N/A
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2024.04.20	2025.04.19	N/A	N/A
Coaxial Cable	Huber+Suhner	RG 223	TR1-C1	2024.04.27	2025.04.26	N/A	N/A
Impedance Stabilization Network	Teseq GmbH	ISN T800	57318	2024.02.27	2025.02.26	N/A	N/A
Impedance Stabilization Network	Teseq GmbH	ISN T800	57318	2025.02.25	2026.02.24	N/A	N/A
Temperature/Humidity Meter	RTS	RTS-8S	EMC01	2024.07.04	2025.07.03	N/A	N/A
Dekra test software	Dekra	N/A	N/A	N/A	N/A	N/A	N/A

UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

Test item	Uncertainty
AC Power Line Conducted Emission	± 2.02 dB
Radiated Emission(9KHz~30MHz)	Horizontal: 9KHz~30MHz: 2.10 dB Vertical: 30MHz~200MHz: 2.30 dB
Radiated Emission(30MHz~1GHz)	± 3.80 dB
Occupied Bandwidth	± 1 kHz

1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Product Name	Mobile Computer
Model No.	PM68
Trademark.	N/A
FCC ID	V2X-PM68
Hardware Version	MP
Software Version	68.00
Manufacturer	Point Mobile Co.,LTD.
Manufacturer Address	A-26F, Building Gasan Publik 178, Digital-ro, Geumcheon-gu Seoul, 08513 Republic of Korea

Wireless Specification.....	NFC
Operating frequency range(s).....	13.56 MHz
Type of modulation	ASK
Number of channel	1

Rated power supply	Voltage and Frequency	
	☐	AC: 220 - 240 V, 50/60 Hz
	☐	AC: 110-130 V, 50/60 Hz, 13.5W
	☐	DC: 24 Vdc
	☒	Battery: 3.8V
	☒	Adapter: Input:100-240V, 50/60 Hz,0.3A; Output:5.0V,2.0A,10W
Mounting position.....	☐	Tabletop equipment
	☐	Door mounted equipment
	☐	Floor standing equipment
	☒	Hand-held/Portable equipment
	☐	Other:

1.2 Antenna information

Antenna model.....:	N/A		
Antenna Delivery	☒	1TX + 1RX	
	☐	2TX + 2RX	
	☐	Others:.....	
Antenna technology	☒	SISO	
	☐	MIMO	☐ CDD
			☐ Beam-forming
Antenna Type	☐	External	☐ Dipole
			☐ Sectorized
			☒
	☐	PIFA	
	☒	LOOP	
	☐	Others:	

1.3 Channel List

Frequency of Each Channel:							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
01	13.56 MHz	--	--	--	--	--	--

Note: The general description of the Item(s), antenna information and channel list in clause 1 are provided and confirmed by the client.

2 DESCRIPTION OF TEST SETUP

2.1 Operating mode(s) used for tests

During the tests the following operating mode(s) has(have) been used.

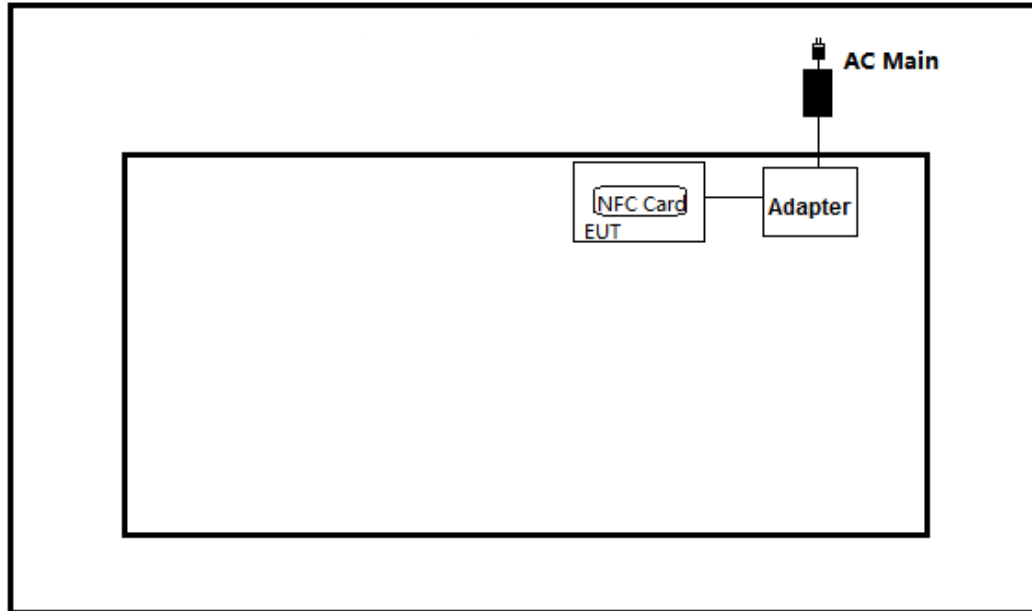
Test Mode	Mode 1: Transmit by NFC
-----------	-------------------------

2.2 Support / Auxiliary equipment / unit / Test software for the EUT

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
NFC Card	N/A	N/A	N/A
software	Type / Version	Manufacturer	Supplied by
N/A	N/A	N/A	N/A

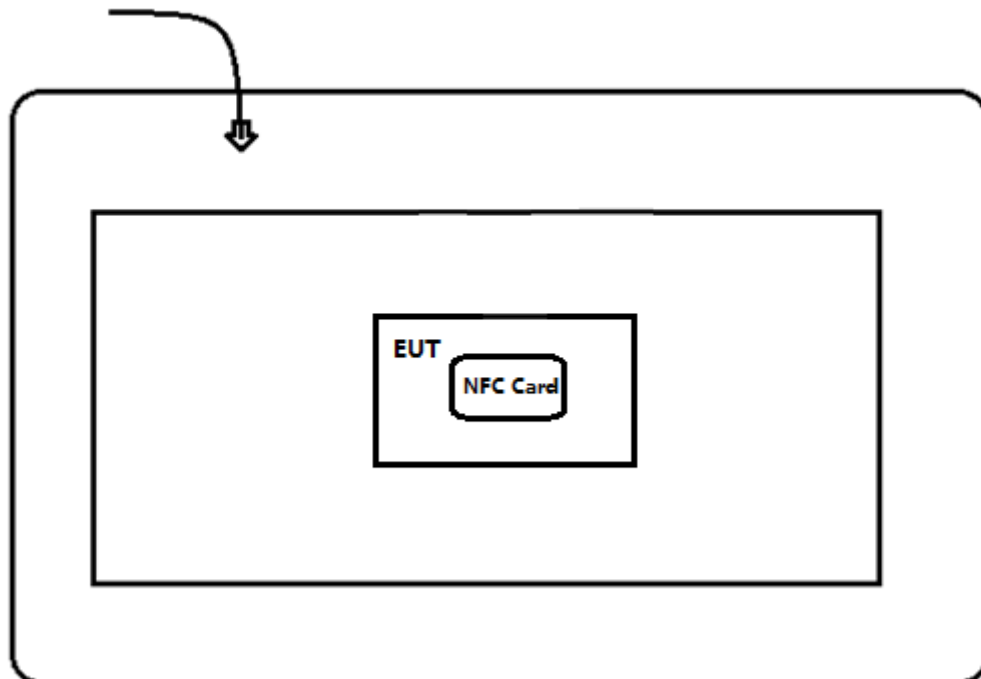
2.3 Test Configuration / Block diagram used for tests

Test setup Diagram- AC Line Conducted Emission Test



Test setup Diagram- Radiated Emission

Chamber



2.4 Testing process

1	Setup the EUT as shown in Section 2.3.
2	Execute the power on the EUT.
3	Verify that the EUT works properly.

3 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

3.1 Standards

Standard	Year	Description
FCC CFR Title 47 Part 15 Subpart C Section 15.225	2024	Operation within the band 13.110-14.010 MHz
ANSI C63.10	2013	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

3.2 Overview of results

For FCC

Requirement – Test case	Basic standard(s)	Verdict	Remark
AC Power Line Conducted Emission	FCC CFR Title 47 Part 15 Subpart C Section 15.207	PASS	Test data please refer to Appendix A
Field Strength of Fundamental, E-field Emission	FCC CFR Title 47 Part 15 Subpart C Section 15.225(a)(b)(c)	PASS	Test data please refer to Appendix B
Field Strength of Spurious	FCC CFR Title 47 Part 15 Subpart C Section 15.209 & 15.225(d)	PASS	Test data please refer to Appendix C
Emission Bandwidth	FCC CFR Title 47 Part 15 Subpart C Section 15.215(c)	PASS	Test data please refer to Appendix D
Frequency Stability	FCC CFR Title 47 Part 15 Subpart C Section 15.225(e)	PASS	Test data please refer to Appendix E
Antenna Requirement	FCC CFR Title 47 Part 15 Subpart C Section 15.203	PASS	---

3.3 Test Matrix

Test item	Model: PM68
	1(#1)
AC Power Line Conducted Emission	☒
E-field Emission	☒
Field Strength of Spurious	☒
Frequency Stability	☒
Emission Bandwidth	☒
Field Strength of Fundamental	☒

3.4 Test Facility

USA : FCC Designation Number: CN1199

4 TEST RESULTS

4.1 AC Power Line Conducted Emission

VERDICT: PASS

4.1.1 Limit

Standard	FCC Part 15 Subpart C Paragraph 15.207	
Frequency range [MHz]	Limit: QP [dB(μV) ¹⁾]	Limit: AV [dB(μV) ¹⁾]
0,15 - 0,50	66 - 56 ²⁾	56 - 46 ²⁾
0,50 - 5,0	56	46
5,0 - 30	60	50

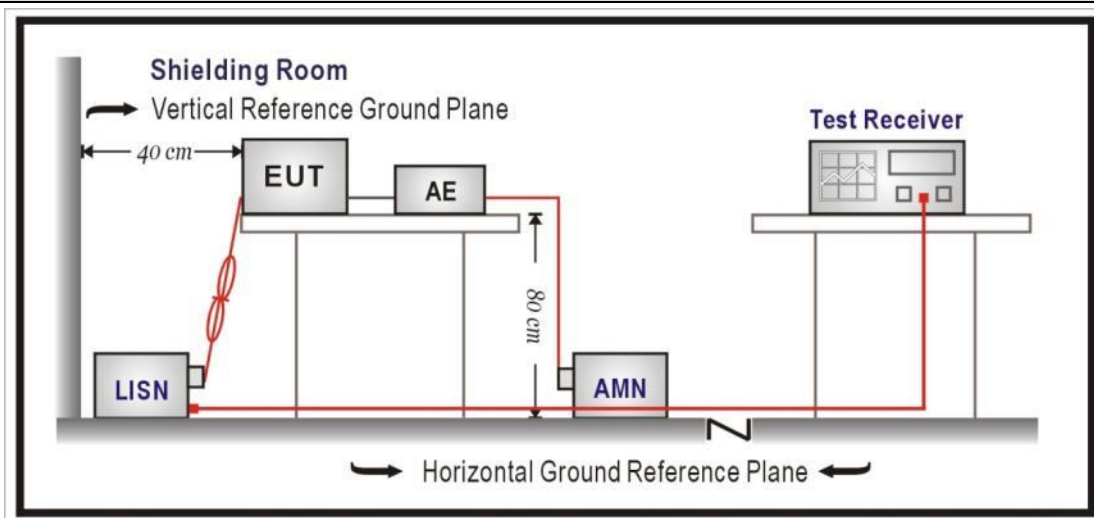
¹⁾ At the transition frequency, the lower limit applies.

²⁾ The limit decreases linearly with the logarithm of the frequency.

NOTE 1: The exclusion band for transmitters shall be considered for transmitters operating at frequencies below 30 MHz.

NOTE 2: Where the AC output port is directly connected (or via a circuit breaker) to the AC power input port of the EUT the AC power output port need not to be tested.

4.1.2 Test Setup



4.1.3 Test Procedure

	References Rule	Chapter	Item
☒	ANSI C63.10	6.2	Standard test method for ac power-line conducted emissions from unlicensed wireless devices

4.2 E-field Emission

VERDICT: PASS

4.2.1 Limit

Standard

FCC Part 15 Subpart C Paragraph 15.225;

(a) The field strength of any emissions within the band 13.553-13.567 MHz shall not exceed 15,848 microvolts/meter at 30 meters.

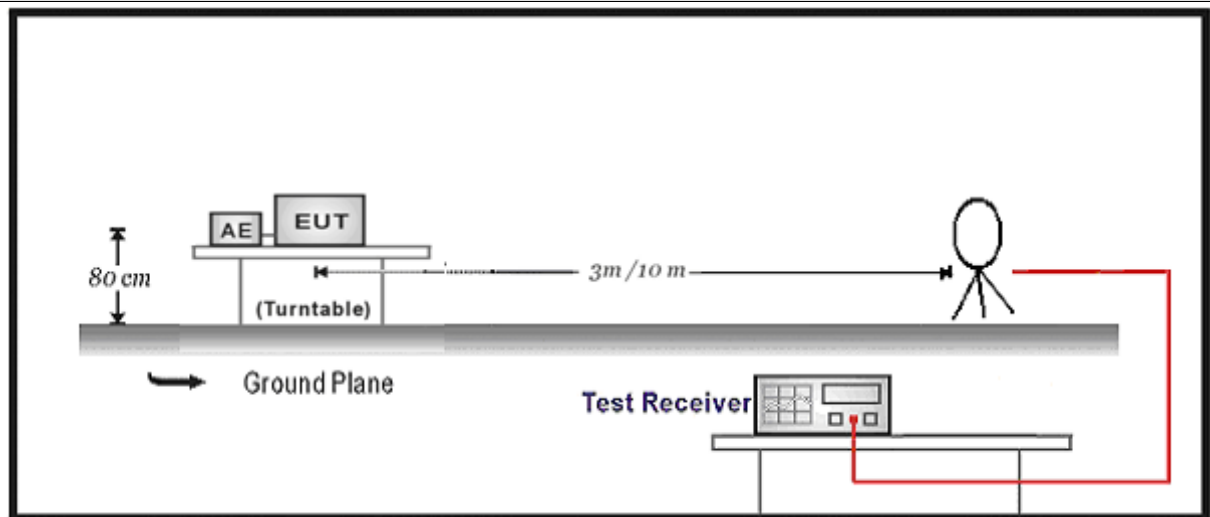
(b) Within the bands 13.410-13.553 MHz and 13.567-13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters.

(c) Within the bands 13.110-13.410 MHz and 13.710-14.010 MHz 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 13.110-14.010 MHz band shall not exceed the general radiated emission limits in §15.209.

4.2.2 Test Setup

Below 30MHz Test Setup:



4.2.3 Test Procedure

	References Rule	Chapter	Description
	☒ ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
	☐ ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
	☐ ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

4.3 Field Strength of Spurious**VERDICT: PASS****4.3.1 Limit****Standard**

FCC Part 15 Subpart C Paragraph 15. 209;

Restricted Band Emissions Limit

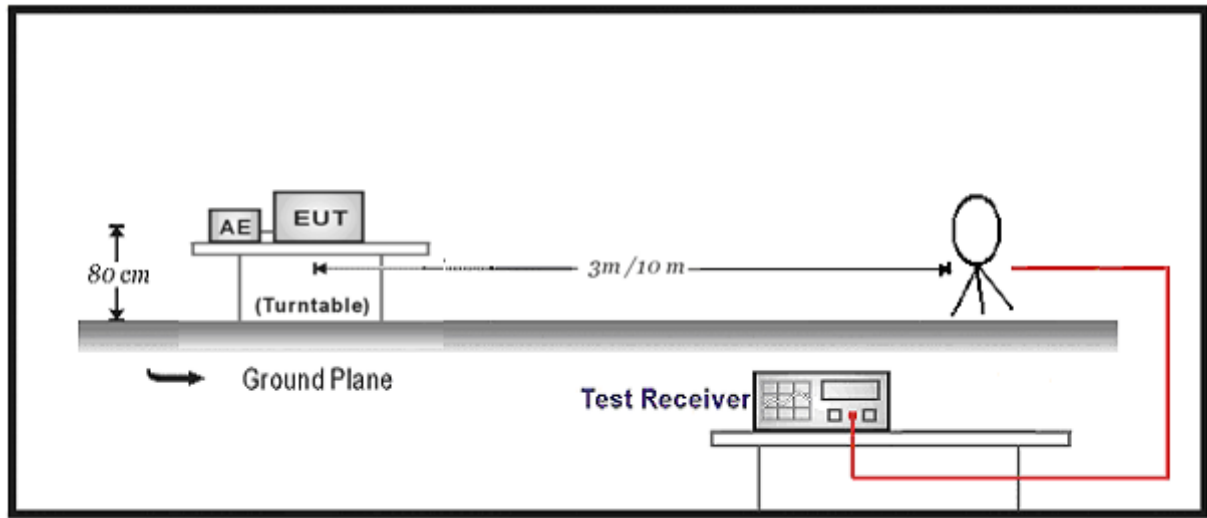
Frequency (MHz)	Field strength (μ V/m)	Field strength (dB μ V/m)	Measurement distance (m)
0.009 - 0.49	2400/F(kHz)	48.5 – 13.8	300 _(Note 1)
0.49 - 1.705	24000/F(kHz)	33.8 - 23	30 _(Note 1)
1.705 - 30	30	29.5	30 _(Note 1)
30 - 88	100	40	3 _(Note 2)
88 - 216	150	43.5	3 _(Note 2)
216 - 960	200	46	3 _(Note 2)
Above 960	500	54	3 _(Note 2)

Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

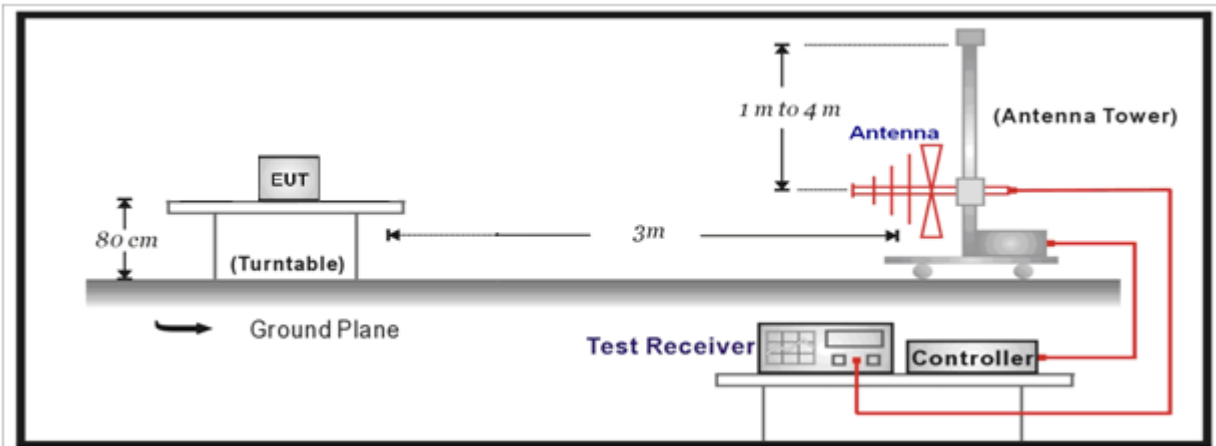
Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

4.3.2 Test Setup

Below 30MHz Test Setup:



30MHz-1GHz Test Setup:

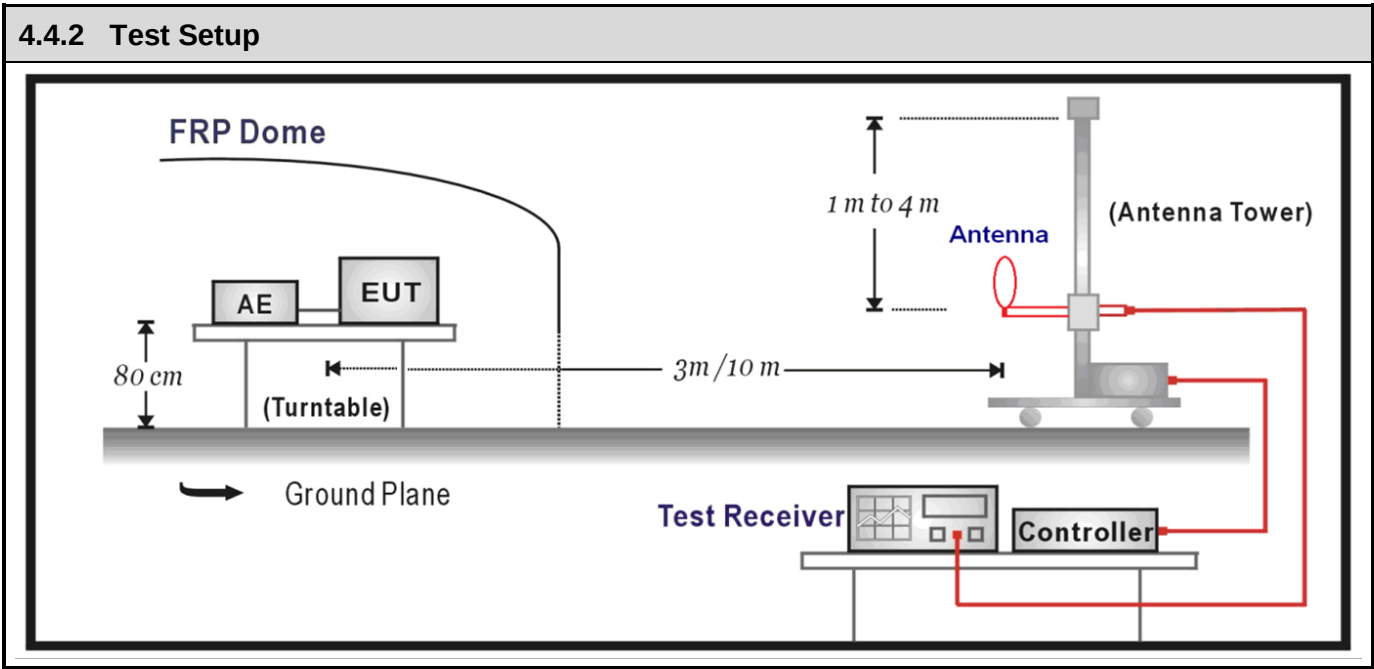


4.3.3 Test Procedure

	References Rule	Chapter	Description
	☒ ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
	☒ ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
	☐ ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

4.4 Emission bandwidth	VERDICT: PASS
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4.4.1 Limit	
Standard	FCC Part 15 Subpart C Paragraph 15.215;
Within the band.	



4.4.3 Test Procedure			
	Reference Rule	Chapter	Description
☒	ANSI C63.10	6.9.2	Occupied bandwidth—relative measurement procedure

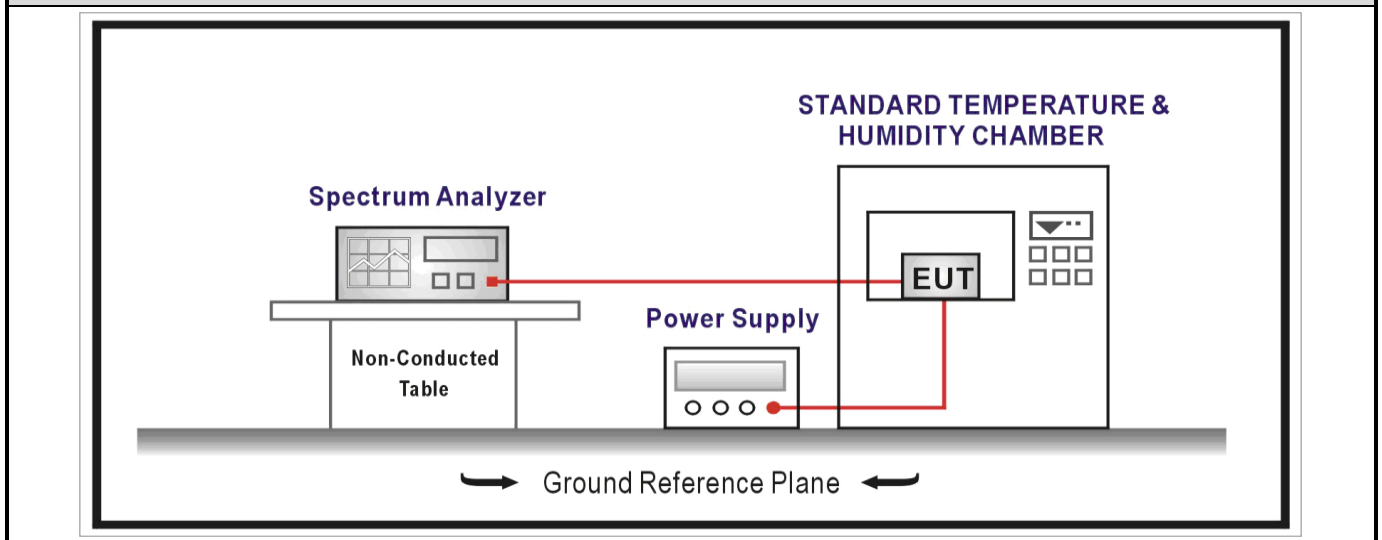
4.5 Frequency Stability

VERDICT: PASS

4.5.1 Limit:

Standard	FCC Part 15 Subpart C Paragraph 15.225(e);
☒	The frequency tolerance of the carrier signal shall be maintained within $\pm 0.01\%$ 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.

4.5.2 Test Setup



4.5.3 Test Procedure

	References Rule	Chapter	Description
☒	ANSI C63.10	6.8	Frequency stability tests
☒	ANSI C63.10	6.8.1	Frequency stability with respect to ambient temperature
☒	ANSI C63.10	6.8.2	Frequency stability when varying supply voltage

4.6 Antenna Requirement**VERDICT: PASS****4.6.1 Limit:****Standard**

FCC Part 15 Subpart E Paragraph 15.203

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 a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

4.6.2 Antenna Connector Construction:

The use of a permanently attached antenna



The antenna use of a unique coupling to the intentional radiator



The use of a nonstandard antenna jack or electrical connector

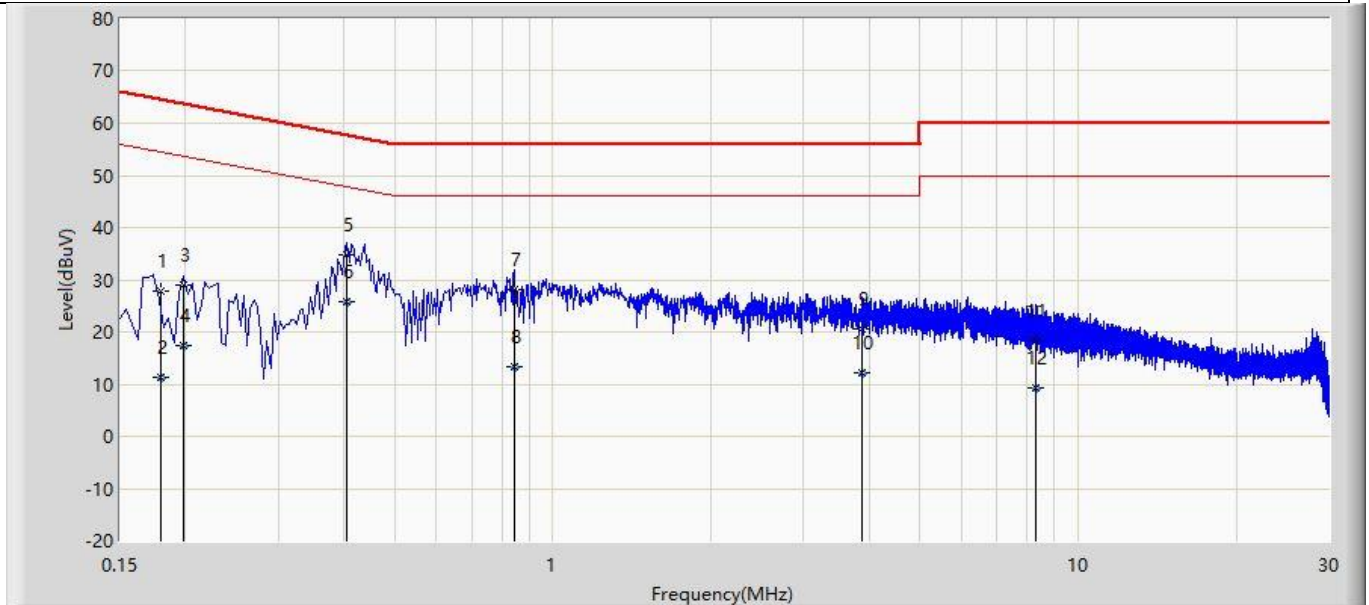
Please refer to the attached document "Internal Photograph" to show the antenna connector.

5	TEST SETUP PHOTO AND EUT PHOTO	VERDICT: PASS
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Remark: The test setup photo and EUT Photo please see appendix.

Appendix A: AC Power Line Conducted Emission

Profile: 24C0966R	Page No.: 11
Engineer: Yu Liu	
Site: TR1	Time: 2025/03/03 - 20:56
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
EUT: Mobile Computer	Power: 120Vac/60Hz
Note: mode 1: Transmit at 13.56MHz	

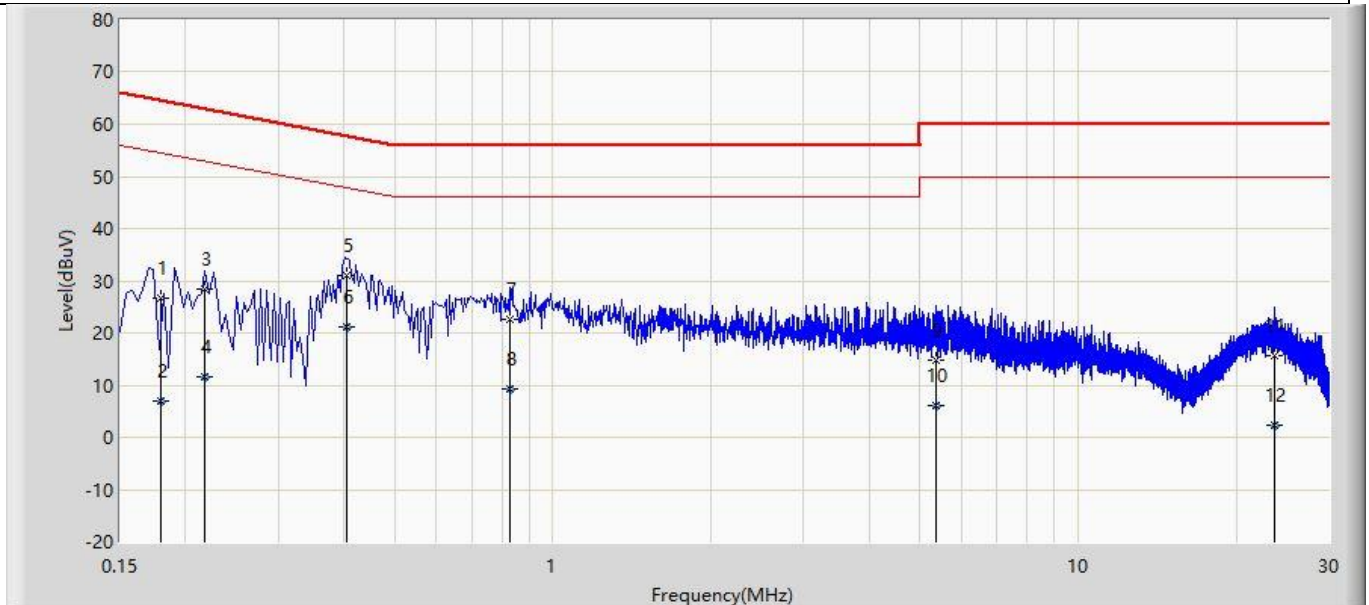


No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.179	27.941	18.318	-36.613	64.554	9.623	QP
2		0.179	11.301	1.678	-43.253	54.554	9.623	AV
3		0.198	28.932	19.309	-34.762	63.694	9.623	QP
4		0.198	17.412	7.789	-36.282	53.694	9.623	AV
5		0.406	34.855	25.223	-22.874	57.730	9.632	QP
6	*	0.406	25.801	16.169	-21.929	47.730	9.632	AV
7		0.846	27.982	18.325	-28.018	56.000	9.658	QP
8		0.846	13.422	3.765	-32.578	46.000	9.658	AV
9		3.874	20.441	10.704	-35.559	56.000	9.737	QP
10		3.874	12.144	2.407	-33.856	46.000	9.737	AV
11		8.298	18.249	8.411	-41.751	60.000	9.838	QP
12		8.298	9.395	-0.443	-40.605	50.000	9.838	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Profile: 24C0966R	Page No.: 12
Engineer: Yu Liu	
Site: TR1	Time: 2025/03/03 - 20:58
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
EUT: Mobile Computer	Power: 120Vac/60Hz
Note: mode 1: Transmit at 13.56MHz	



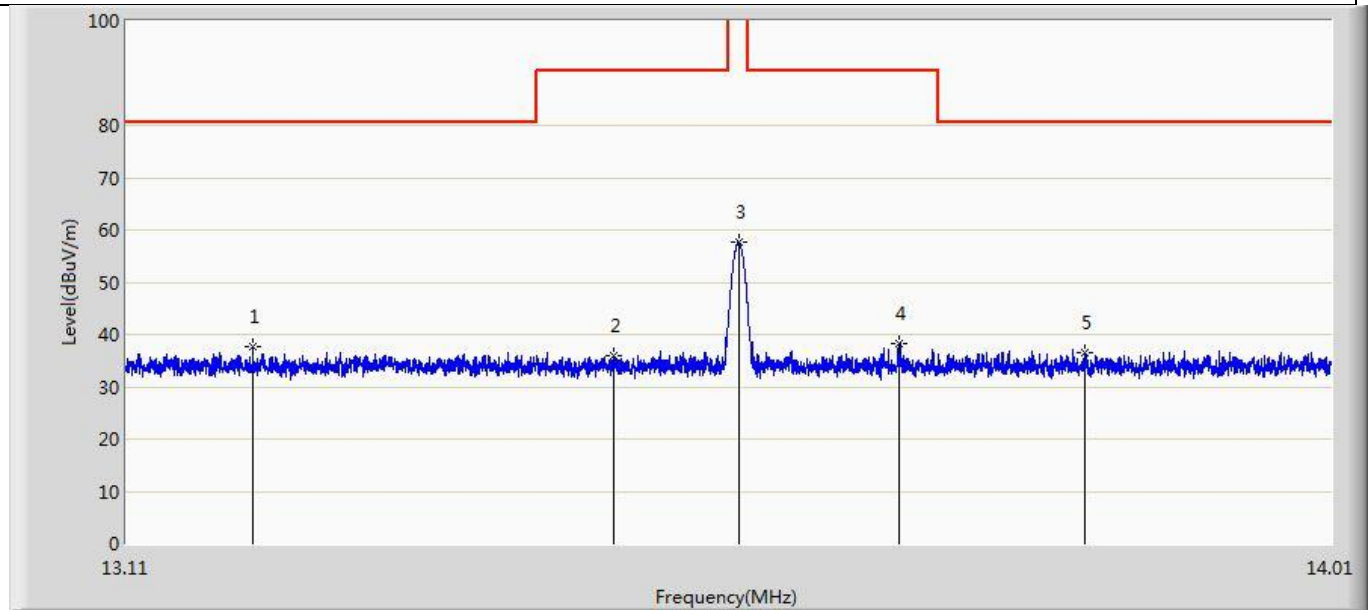
No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.179	26.544	16.913	-38.009	64.554	9.631	QP
2		0.179	6.818	-2.813	-47.736	54.554	9.631	AV
3		0.218	28.509	18.875	-34.386	62.895	9.633	QP
4		0.218	11.694	2.061	-41.201	52.895	9.633	AV
5	*	0.406	31.060	21.417	-26.670	57.730	9.642	QP
6		0.406	21.022	11.380	-26.708	47.730	9.642	AV
7		0.826	22.553	12.891	-33.447	56.000	9.662	QP
8		0.826	9.208	-0.454	-36.792	46.000	9.662	AV
9		5.362	14.838	5.059	-45.162	60.000	9.778	QP
10		5.362	5.989	-3.790	-44.011	50.000	9.778	AV
11		23.654	15.726	5.630	-44.274	60.000	10.096	QP
12		23.654	2.251	-7.845	-47.749	50.000	10.096	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

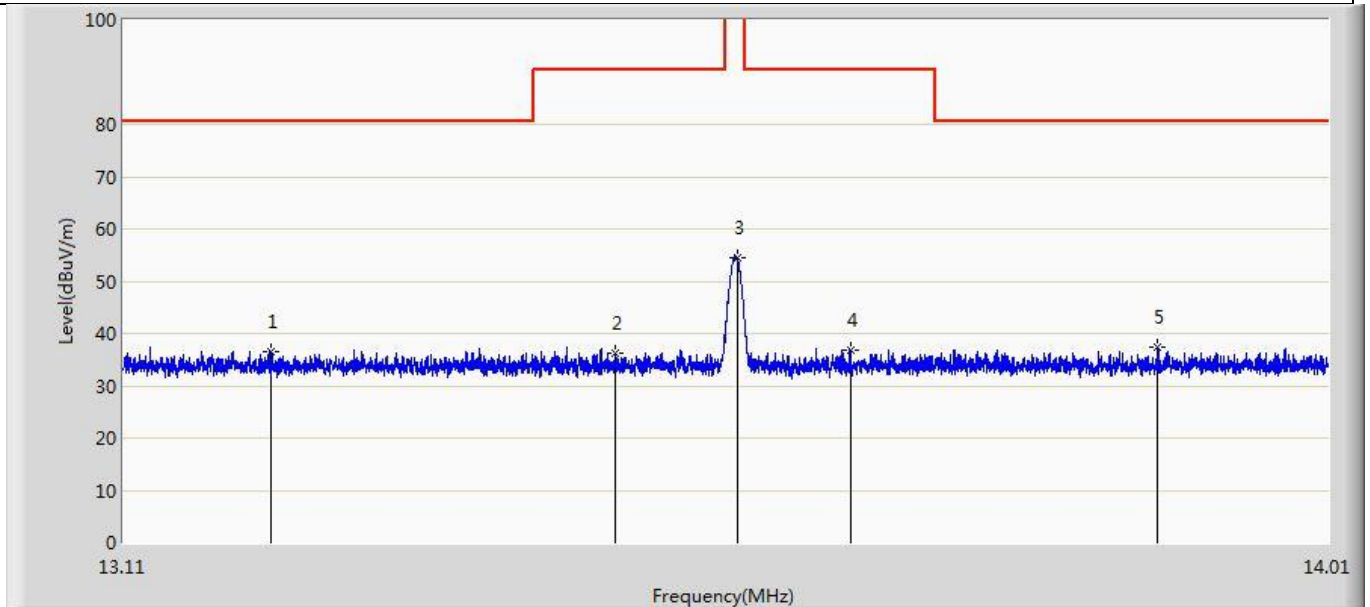
Appendix B: E-field Emission

Profile: 24C0966R	Page No.: 7
Engineer: Yuliu	
Site: AC2	Time: 2025/03/04 - 18:09
Limit: FCC-15.225-E-field Emission	Margin: 0
Probe: RF(0.009-30MHz)	Polarity:X
EUT: Mobile Computer	Power: By Battery
Note: mode 1:Transmit at 13.56MHz	



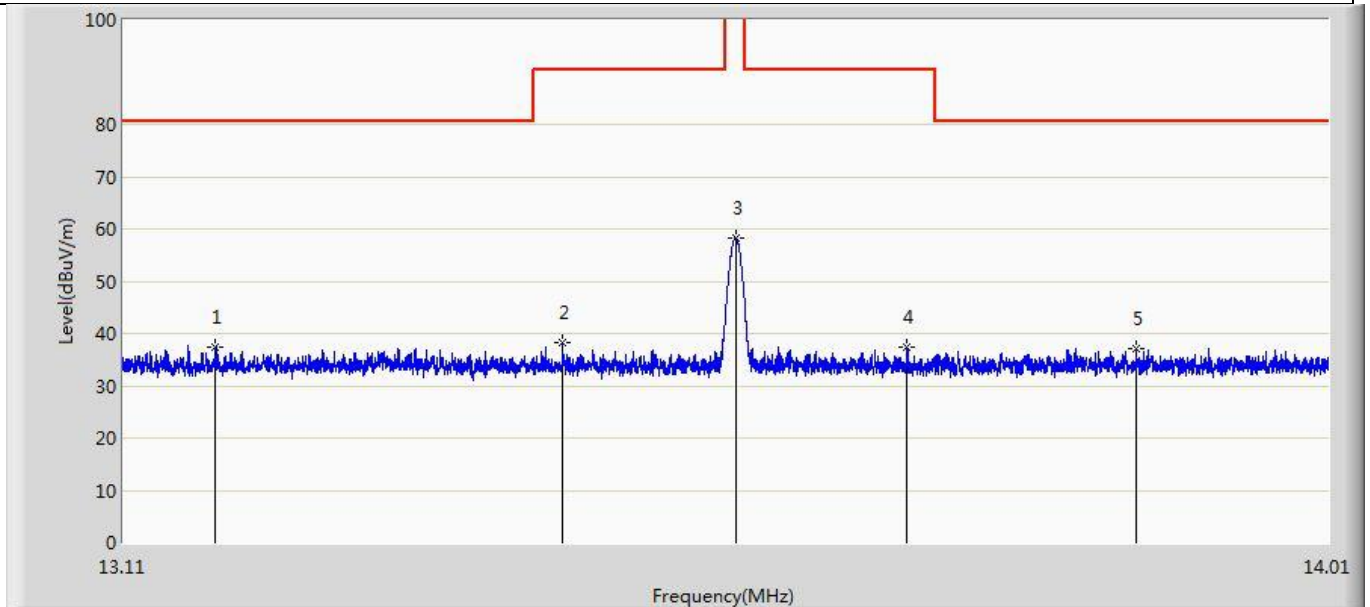
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	13.202	37.572	16.564	-42.928	80.500	21.008	QP
2		13.467	35.892	14.853	-54.608	90.500	21.039	QP
3		13.560	57.766	36.714	-66.234	124.000	21.052	QP
4		13.681	38.144	17.072	-52.356	90.500	21.072	QP
5		13.821	36.520	15.432	-43.980	80.500	21.088	QP

Profile: 24C0966R	Page No.: 8
Engineer: Yuliu	
Site: AC2	Time: 2025/03/04 - 18:11
Limit: FCC-15.225-E-field Emission	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Y
EUT: Mobile Computer	Power: By Battery
Note: mode 1:Transmit at 13.56MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		13.217	36.381	15.373	-44.119	80.500	21.008	QP
2		13.470	36.335	15.296	-54.165	90.500	21.039	QP
3		13.561	54.466	33.414	-69.534	124.000	21.052	QP
4		13.646	36.920	15.852	-53.580	90.500	21.068	QP
5	*	13.879	37.250	16.150	-43.250	80.500	21.100	QP

Profile: 24C0966R	Page No.: 9
Engineer: Yuliu	
Site: AC2	Time: 2025/03/04 - 18:12
Limit: FCC-15.225-E-field Emission	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Z
EUT: Mobile Computer	Power: By Battery
Note: mode 1:Transmit at 13.56MHz	

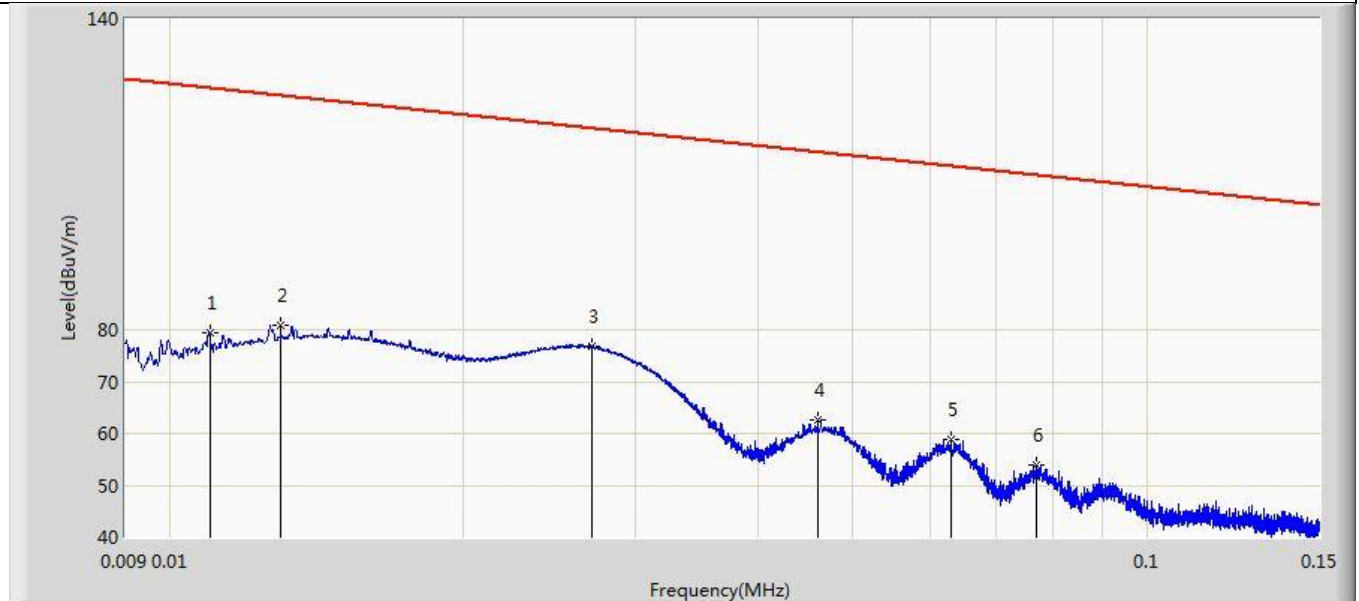


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	13.177	37.338	16.333	-43.162	80.500	21.005	QP
2		13.431	38.152	17.111	-52.348	90.500	21.041	QP
3		13.560	58.381	37.329	-65.619	124.000	21.052	QP
4		13.689	37.464	16.392	-53.036	90.500	21.072	QP
5		13.863	37.142	16.047	-43.358	80.500	21.095	QP

Note : Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

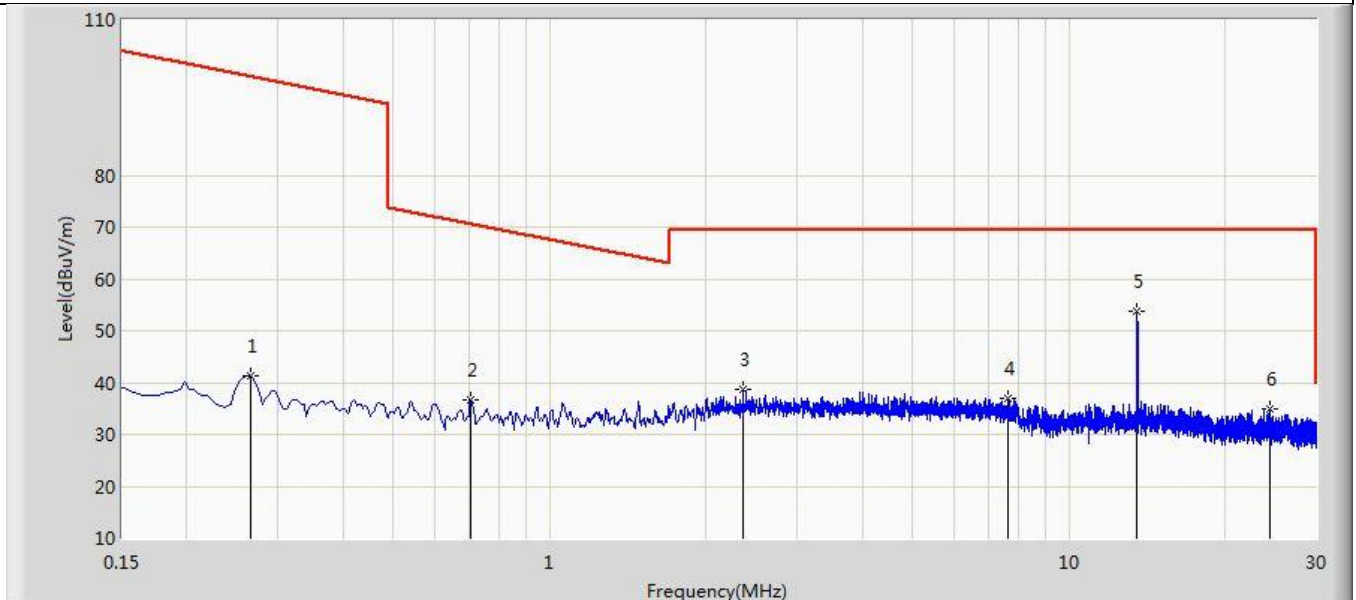
Appendix C: Field Strength of Spurious

Profile: 24C0966R	Page No.: 1
Engineer: Yuliu	
Site: AC2	Time: 2025/03/04 - 17:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: X
EUT: Mobile Computer	Power: By Battery
Note: mode 1:Transmit at 13.56MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.011	79.308	58.215	-47.449	126.758	21.094	PK
2		0.013	80.739	59.583	-44.569	125.308	21.155	PK
3	*	0.027	76.862	55.272	-42.101	118.963	21.590	PK
4		0.046	62.567	40.612	-51.771	114.337	21.955	PK
5		0.063	58.971	37.035	-52.636	111.607	21.936	PK
6		0.077	53.831	31.911	-56.034	109.865	21.920	PK

Profile: 24C0966R	Page No.: 2
Engineer: Yuliu	
Site: AC2	Time: 2025/03/04 - 17:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: X
EUT: Mobile Computer	Power: By Battery
Note: mode 1:Transmit at 13.56MHz	

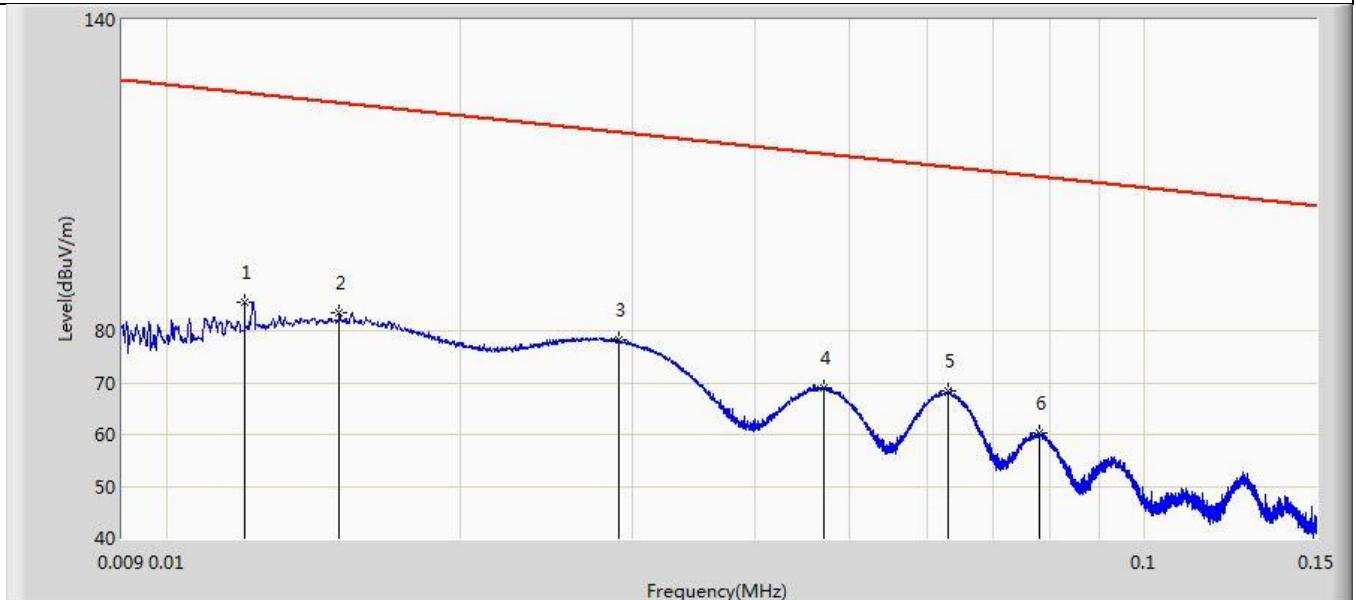


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.266	41.380	19.660	-57.723	99.103	21.720	PK
2		0.706	36.654	15.818	-33.983	70.637	20.836	PK
3		2.359	38.645	17.740	-30.855	69.500	20.905	PK
4		7.661	36.938	16.354	-32.562	69.500	20.584	PK
5	*	13.560	53.705	32.653	-15.795	69.500	21.052	PK
6		24.407	34.795	13.722	-34.705	69.500	21.073	PK

Note 1. Mark 5 is the fundamental emission.

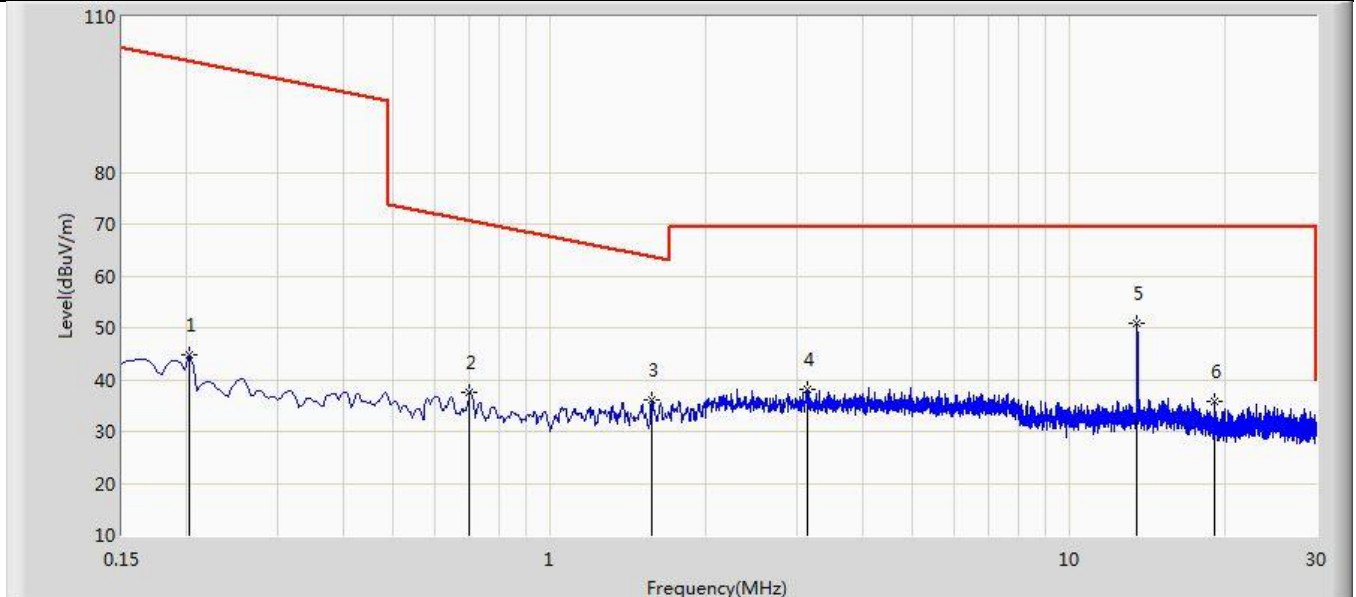
2. Except Main frequency, others are noise floor.

Profile: 24C0966R	Page No.: 3
Engineer: Yuliu	
Site: AC2	Time: 2025/03/04 - 17:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Y
EUT: Mobile Computer	Power: By Battery
Note: mode 1:Transmit at 13.56MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.012	85.414	64.289	-40.589	126.003	21.125	PK
2		0.015	83.558	62.340	-40.508	124.065	21.218	PK
3	*	0.029	78.401	56.749	-39.941	118.342	21.652	PK
4		0.047	69.053	47.100	-45.097	114.151	21.953	PK
5		0.063	68.538	46.602	-43.069	111.607	21.936	PK
6		0.078	60.349	38.430	-49.404	109.753	21.919	PK

Profile: 24C0966R	Page No.: 4
Engineer: Yuliu	
Site: AC2	Time: 2025/03/04 - 18:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Y
EUT: Mobile Computer	Power: By Battery
Note: mode 1:Transmit at 13.56MHz	

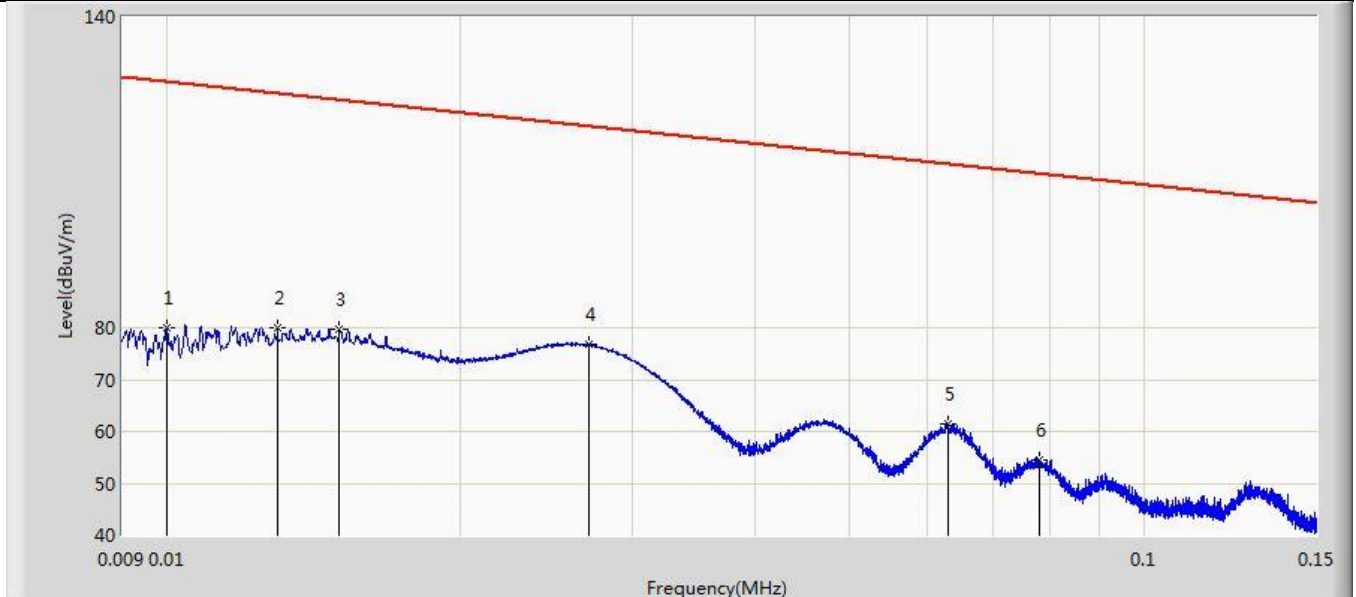


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.202	44.760	22.973	-56.733	101.493	21.787	PK
2		0.702	37.401	16.554	-33.285	70.686	20.847	PK
3		1.575	35.944	15.428	-27.743	63.687	20.515	PK
4		3.139	38.255	17.439	-31.245	69.500	20.815	PK
5	*	13.560	50.852	29.800	-18.648	69.500	21.052	PK
6		19.060	35.673	15.200	-33.827	69.500	20.473	PK

Note 1. Mark 5 is the fundamental emission.

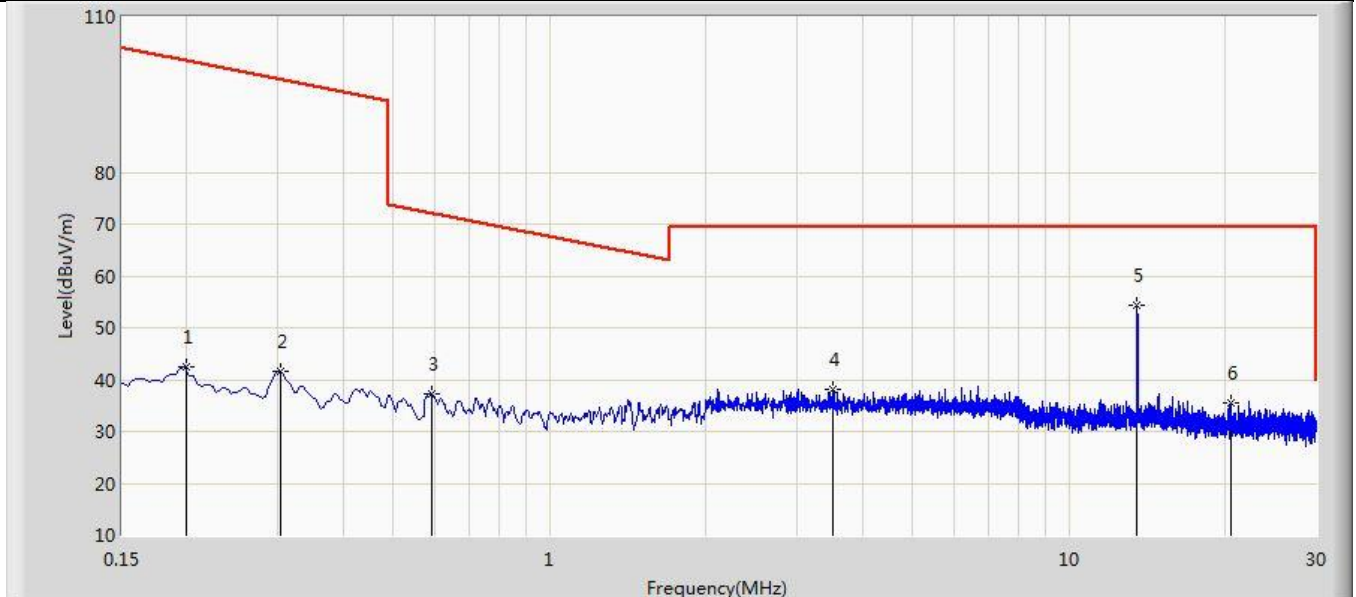
2. Except Main frequency, others are noise floor.

Profile: 24C0966R	Page No.: 5
Engineer: Yuliu	
Site: AC2	Time: 2025/03/04 - 18:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Z
EUT: Mobile Computer	Power: By Battery
Note: mode 1:Transmit at 13.56MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.010	80.097	59.035	-47.488	127.585	21.062	PK
2		0.013	80.103	58.947	-45.205	125.308	21.155	PK
3		0.015	79.585	58.367	-44.481	124.065	21.218	PK
4	*	0.027	76.675	55.085	-42.288	118.963	21.590	PK
5		0.063	61.306	39.370	-50.301	111.607	21.936	PK
6		0.078	54.593	32.674	-55.160	109.753	21.919	PK

Profile: 24C0966R	Page No.: 6
Engineer: Yuliu	
Site: AC2	Time: 2025/03/04 - 18:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: RF(0.009-30MHz)	Polarity: Z
EUT: Mobile Computer	Power: By Battery
Note: mode 1:Transmit at 13.56MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		0.199	42.510	20.722	-59.112	101.623	21.788	PK
2		0.303	41.638	19.951	-56.335	97.973	21.687	PK
3		0.594	37.197	16.012	-34.936	72.133	21.185	PK
4		3.508	38.066	17.290	-31.434	69.500	20.776	PK
5	*	13.560	54.358	33.306	-15.142	69.500	21.052	PK
6		20.482	35.629	15.253	-33.871	69.500	20.376	PK

Note 1. Mark 5 is the fundamental emission.

2. Except Main frequency, others are noise floor.

Note 1: " * ", means this data is the worst emission level.

Note 2: Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Appendix D: Emission Bandwidth

Frequency (MHz)	20dB Bandwidth (kHz)	99% Bandwidth (kHz)	Frequency Range Limit (MHz)	Result
13.56	10.31	9.442	13.553 ~ 13.567	Pass



Appendix E: Frequency Stability

Frequency Stability under Temperature at 0min			
Temperature Interval (°C)	Test Frequency (MHz)	Deviation (ppm)	Limit (ppm)
-20	13.56	-22.22	±100
-10	13.56	-22.36	±100
0	13.56	-23.25	±100
10	13.56	-23.66	±100
20	13.56	-23.76	±100
30	13.56	-23.59	±100
40	13.56	-23.62	±100
50	13.56	-23.69	±100
Frequency Stability under Temperature at 2min			
Temperature Interval (°C)	Test Frequency (MHz)	Deviation (ppm)	Limit (ppm)
-20	13.56	-23.13	±100
-10	13.56	-23.32	±100
0	13.56	-23.39	±100
10	13.56	-23.55	±100
20	13.56	-23.69	±100
30	13.56	-23.59	±100
40	13.56	-23.77	±100
50	13.56	-23.79	±100
Frequency Stability under Temperature at 5min			
Temperature Interval (°C)	Test Frequency (MHz)	Deviation (ppm)	Limit (ppm)
-20	13.56	-23.71	±100
-10	13.56	-23.65	±100
0	13.56	-23.36	±100
10	13.56	-23.59	±100
20	13.56	-23.89	±100
30	13.56	-23.91	±100
40	13.56	-24.12	±100
50	13.56	-24.24	±100
Frequency Stability under Temperature at 10min			
Temperature Interval (°C)	Test Frequency (MHz)	Deviation (ppm)	Limit (ppm)

-20	13.56	-24.26	±100
-10	13.56	-24.39	±100
0	13.56	-24.52	±100
10	13.56	-24.59	±100
20	13.56	-24.69	±100
30	13.56	-24.72	±100
40	13.56	-24.58	±100
50	13.56	-24.36	±100
Frequency Stability under Voltage			
DC Voltage (V)	Test Frequency (MHz)	Deviation (ppm)	Limit (ppm)
3.50	13.56	-24.89	±100
3.80	13.56	-24.86	±100
4.35	13.56	-24.87	±100

_____ The End _____