



RF MEASUREMENT REPORT

FCC ID: HD5-CT40PL0N

Applicant: Honeywell International Inc
Honeywell Safety and Productivity Solutions

Product: Mobile Computer

Model No.: CT40P-L0N

Brand Name: Honeywell

FCC Classification: Part 15 Low Power Communication Device Transmitter (DXX)

FCC Rule Part(s): Part 15 Subpart C (Section 15.225)

Result: Complies

Test Date: 2022-06-07 ~ 2022-06-24

Reviewed By:

Jame Yuan

Approved By:

Robin Wu



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.10-2013. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
2205RSU063-U1	Rev. 01	Initial Report	2022-06-25	Valid

CONTENTS

Description	Page
1. General Information	5
1.1. Applicant.....	5
1.2. Manufacturer	5
1.3. Testing Facility	5
1.4. Product Information	6
1.5. Radio Specification.....	6
2. Test Configuration.....	7
2.1. Test Mode	7
2.2. Test Configuration and Software.....	7
2.3. Applied Standards	7
2.4. Test Environment Condition	8
3. Antenna Requirements	9
4. Measuring Instrument.....	10
5. Decision Rules and Measurement Uncertainty	11
5.1. Decision Rules	11
5.2. Measurement Uncertainty	11
6. Test Result	12
6.1. Summary	12
6.2. In-band Emission Measurement	13
6.2.1. Test Limit	13
6.2.2. Test Procedure	13
6.2.3. Test Setting.....	13
6.2.4. Test Setup	14
6.2.5. Test Result.....	14
6.3. Out-band Emission Measurement.....	15
6.3.1. Test Limit	15
6.3.2. Test Procedure	15
6.3.3. Test Setting.....	15
6.3.4. Test Setup	16
6.3.5. Test Result.....	16
6.4. Occupied Bandwidth Measurement	17
6.4.1. Test Limit	17
6.4.2. Test Procedure	17
6.4.3. Test Setting.....	17

6.4.4.	Test Setup	18
6.4.5.	Test Result.....	18
6.5.	Frequency Tolerance Measurement	19
6.5.1.	Test Limit	19
6.5.2.	Test Procedure	19
6.5.3.	Test Setting.....	19
6.5.4.	Test Setup	20
6.5.5.	Test Result.....	20
6.6.	AC Conducted Emissions Measurement	21
6.6.1.	Test Limit	21
6.6.2.	Test Setup	21
6.6.3.	Test Result.....	21
Appendix A - Test Result		22
A.1	In-band Emission Test Result	22
A.2	Out-Band Emission Test Result.....	23
A.3	Occupied Bandwidth Test Result	24
A.4	Frequency Stability Tolerance Test Result.....	25
A.5	AC Conducted Emissions Test Result	26
Appendix B - Test Setup Photograph.....		32
Appendix C - EUT Photograph.....		33

1. General Information

1.1. Applicant

Honeywell International Inc
Honeywell Safety and Productivity Solutions
9680 Old Baires Road, Fort Mill, SC 29707 United States

1.2. Manufacturer

Honeywell International Inc
Honeywell Safety and Productivity Solutions
9680 Old Baires Road, Fort Mill, SC 29707 United States

1.3. Testing Facility

☒	Test Site – MRT Suzhou Laboratory				
	Laboratory Location (Suzhou - Wuzhong)				
	D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China				
	Laboratory Location (Suzhou - SIP)				
	4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China				
	Laboratory Accreditations				
A2LA: 3628.01		CNAS: L10551			
FCC: CN1166		ISED: CN0001			
VCCI:	☐ R-20025	☐ G-20034	☐ C-20020	☐ T-20020	
	☐ R-20141	☐ G-20134	☐ C-20103	☐ T-20104	
☐	Test Site – MRT Shenzhen Laboratory				
	Laboratory Location (Shenzhen)				
	1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China				
	Laboratory Accreditations				
	A2LA: 3628.02		CNAS: L10551		
	FCC: CN1284		ISED: CN0105		
☐	Test Site – MRT Taiwan Laboratory				
	Laboratory Location (Taiwan)				
	No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)				
	Laboratory Accreditations				
	TAF: L3261-190725		FCC: 291082, TW3261		
	ISED: TW3261				

1.4. Product Information

Product Name	Mobile Computer
Model No.	CT40P-L0N
EUT Identification No.	20220525Sample#03
Wi-Fi Specification	802.11a/b/g/n/ac
Bluetooth Specification	v5.0 dual mode
2 nd Bluetooth Specification	v5.1 single mode, LE only
SRD Specification	NFC 13.56MHz
Accessories	
USB Adapter	Model No.: ADS-12B-06 05010E Input Power: 100 - 240V ~ 50/60Hz, Max. 0.3A Output Power: 5VDC 2.0A
Snap-on Adapter	Model No.: CT40-SN
Battery	Model No.: CT50-BTSC Capacitance: 4020mAh/15.5Wh Rated Voltage: 3.85V
Remark: The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer.	

1.5. Radio Specification

Frequency Range	13.56MHz
Channel Number	1
Type of modulation	ASK
Antenna Type	Loop Antenna

Note: For other features of this EUT, test report will be issued separately.

2. Test Configuration

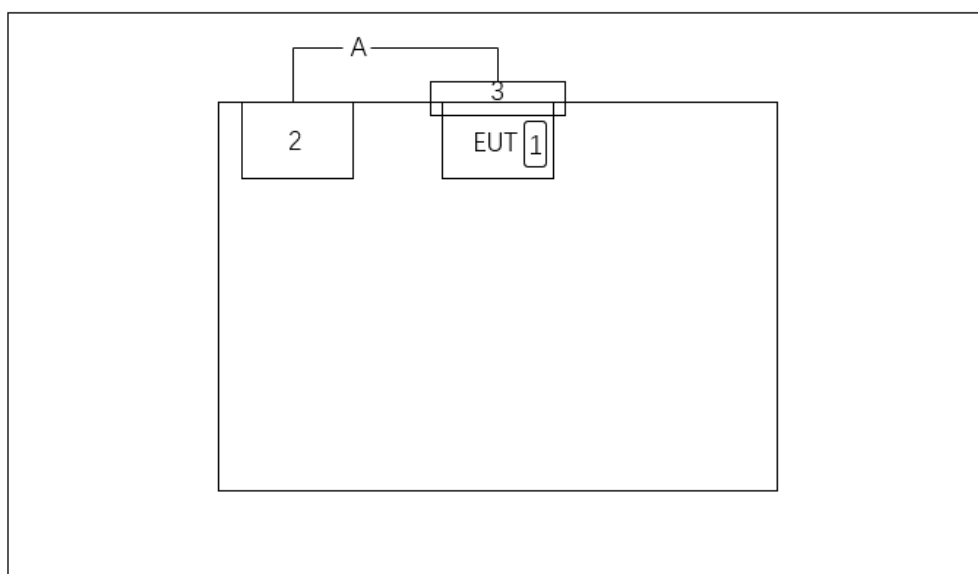
2.1. Test Mode

Mode 1: Make the EUT read the tag via NFC

2.2. Test Configuration and Software

The device was tested per the guidance ANSI C63.10-2013 that was used to reference the appropriate EUT setup for radiated spurious emissions and AC line conducted emission testing.

Mode 1



Cable Type		Cable Description	
A	USB Cable	Shielded, 1.2 m	
Product		Manufacturer	Model No.
1	NFC card	N/A	N/A
2	USB Adapter	SHENZHEN HONOR ELECTRONIC CO., LTD	ADS-12B-06 05010E
3	Snap-on Adapter	Honeywell	CT40-SN

2.3. Applied Standards

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

- FCC Part 15.225
- ANSI C63.10-2013

2.4. Test Environment Condition

Ambient Temperature	15 ~ 35 °C
Relative Humidity	20 ~75 %RH

3. Antenna Requirements

Excerpt from §15.203 of the FCC Rules/Regulations:

“An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can 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 antenna of the this device is **permanently attached**.
- There are no provisions for connection to an external antenna.

Conclusion:

The unit complies with the requirement of §15.203.

4. Measuring Instrument

Instrument Name	Manufacturer	Model No.	Asset No.	Cali. Interval	Cal. Due Date	Test Site
Two-Line V-Network	R&S	ENV216	MRTSUE06002	1 year	2023-06-04	WZ-SR2
Shielding Room	MIX-BEP	WZ-SR2	MRTSUE06215	N/A	N/A	WZ-SR2
Thermohygrometer	testo	608-H1	MRTSUE06404	1 year	2023-06-06	WZ-SR2
EMI Test Receiver	R&S	ESR3	MRTSUE06909	1 year	2022-11-01	WZ-SR2
Thermohygrometer	testo	Testo 608-H1	MRTSUE11039	1 year	2022/11/11	WZ-AC1
EMI Test Receiver	R&S	ESR7	MRTSUE06001	1 year	2022-12-29	WZ-AC1
TRILOG Antenna	Schwarzbeck	VULB 9168	MRTSUE06172	1 year	2022-08-05	WZ-AC1
Anechoic Chamber	TDK	WZ-AC1	MRTSUE06212	1 year	2023-04-21	WZ-AC1
Thermohygrometer	testo	608-H1	MRTSUE06403	1 year	2023-06-06	WZ-AC1
Signal Analyzer	Keysight	N9010B	MRTSUE06607	1 year	2022-12-29	WZ-AC1
Thermohygrometer	testo	Testo 608-H1	MRTSUE11039	1 year	2022-11-11	WZ-AC1
Loop Antenna	Schwarzbeck	FMZB 1519	MRTSUE06025	1 year	2022-10-28	WZ-AC1
Temperature Chamber	BAOYT	BYH-150CL	MRTSUE06051	1 year	2022-10-10	WZ-TR3
Thermohygrometer	testo	608-H1	MRTSUE06401	1 year	2023-06-06	WZ-TR3
Signal Analyzer	Keysight	N9010B	MRTSUE06607	1 year	2022-12-29	WZ-TR3

Software	Version	Function
EMI Software	V3.0.0	EMI Test Software

5. Decision Rules and Measurement Uncertainty

5.1. Decision Rules

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.2.
(Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

5.2. Measurement Uncertainty

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.

AC Conducted Emission Measurement
Measurement Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): 9kHz~150kHz: 3.74dB 150kHz~30MHz: 3.44dB
Radiated Disturbance
Measurement Uncertainty for a Level of Confidence of 95% ($U=2U_c(y)$): Horizontal: 9kHz~300MHz: 5.04dB 300MHz~1GHz: 4.95dB 1GHz~40GHz: 6.40dB Vertical: 9kHz~300MHz: 5.24dB 300MHz~1GHz: 6.03dB 1GHz~40GHz: 6.40dB

6. Test Result

6.1. Summary

FCC Part Section(s)	Test Description	Test Condition	Test Result	Reference
15.225 (a), (b), (c)	In-Band Emission	Radiated	Pass	Section 6.2
15.225(d)	Out-Band Emission		Pass	Section 6.3
15.215(c)	20dB Bandwidth		Pass	Section 6.4
15.225(e)	Frequency Stability Tolerance		Pass	Section 6.5
15.207	AC Conducted Emissions 150kHz - 30MHz	Line Conducted	Pass	Section 6.6

Note: For radiated emission test, every axis (X, Y, Z) was also verified. The test results shown in the following sections represent the worst-case emissions.

6.2. In-band Emission Measurement

6.2.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.225		
Frequency (MHz)	Distance (m)	Level (μV/m)
13.553 ~13.567	30	15848
13.410 ~13.553, 13.567 ~13.710	30	334
13.110 ~13.410, 13.710 ~14.010	30	106
Note 1: The lower limit shall apply at the transition frequency.		
Note 2: Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.		
Note 3: E field strength (dBμV/m) = 20 log E field strength (μV/m)		

6.2.2. Test Procedure

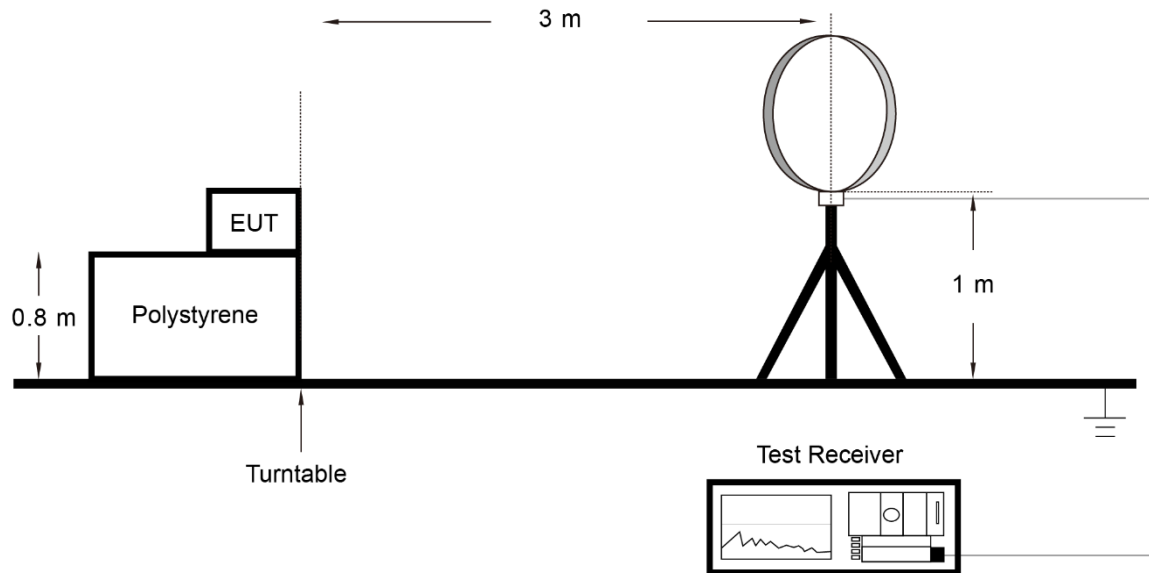
ANSI C63.10-2013 - Section 6.4.7

6.2.3. Test Setting

1. RBW = 9kHz
2. VBW = 3 * RBW
3. Detector = Peak
4. Trace mode = Max hold
5. Sweep = Auto couple
6. Allow the trace to stabilize

6.2.4. Test Setup

9kHz ~ 30MHz Test Setup:



6.2.5. Test Result

Refer to Appendix A.1.

6.3. Out-band Emission Measurement

6.3.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Distance (m)	Level (μ 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

Note 1: The lower limit shall apply at the transition frequency.

Note 2: Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

Note 3: E field strength (dB μ V/m) = 20 log E field strength (μ V/m)

6.3.2. Test Procedure

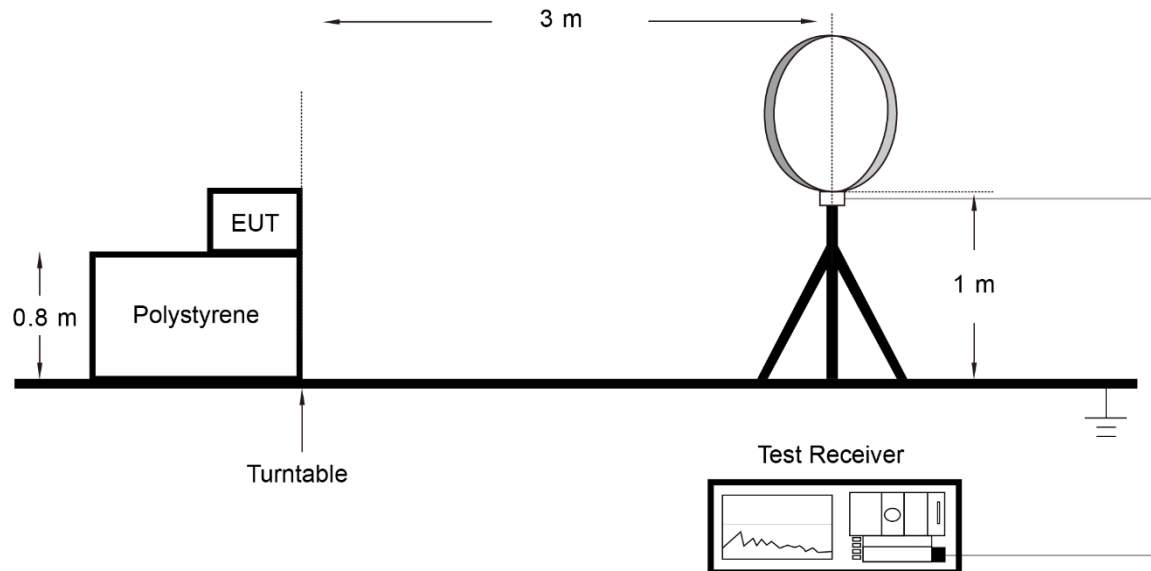
ANSI C63.10-2013 - Section 6.5.4

6.3.3. Test Setting

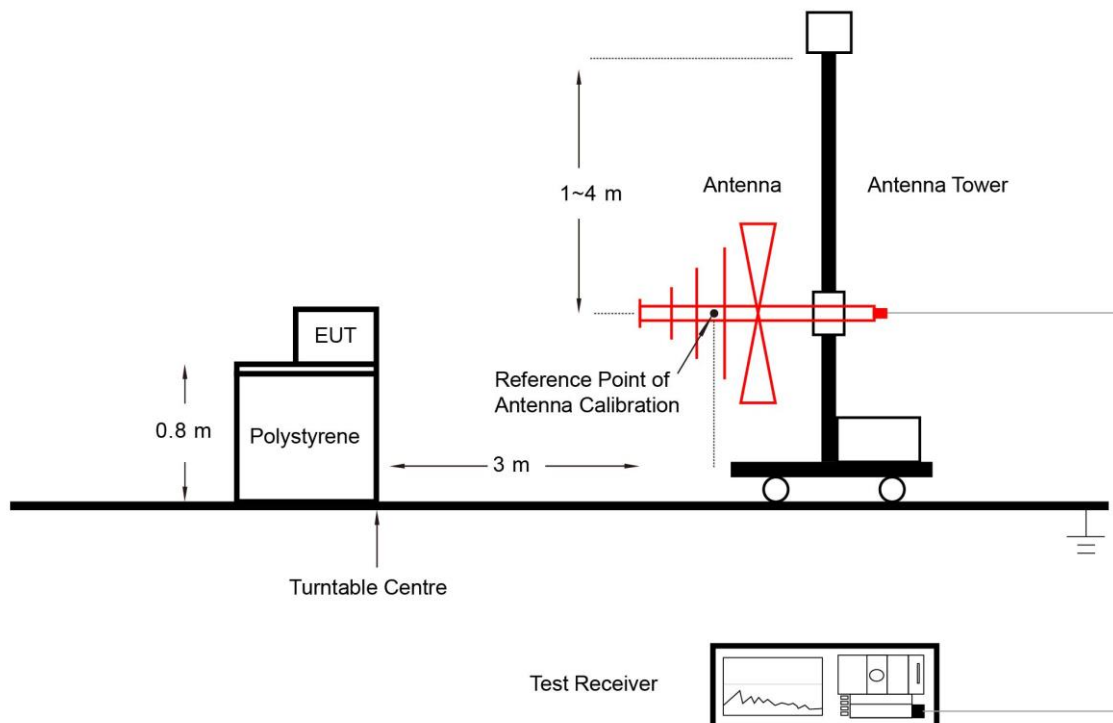
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 9kHz for emission below 30MHz and 100kHz for emission between 30MHz and 1GHz
3. VBW = 3 * RBW
4. Detector = Peak
5. Trace mode = Max hold
6. Sweep = Auto couple
7. Allow the trace to stabilize

6.3.4. Test Setup

9kHz ~ 30MHz Test Setup:



30MHz ~ 1GHz Test Setup:



6.3.5. Test Result

Refer to Appendix A.2.

6.4. Occupied Bandwidth Measurement

6.4.1. Test Limit

The occupied bandwidth is measured with a spectrum analyzer connected to the receive antenna while the EUT is operating in transmission mode at the appropriate frequency.

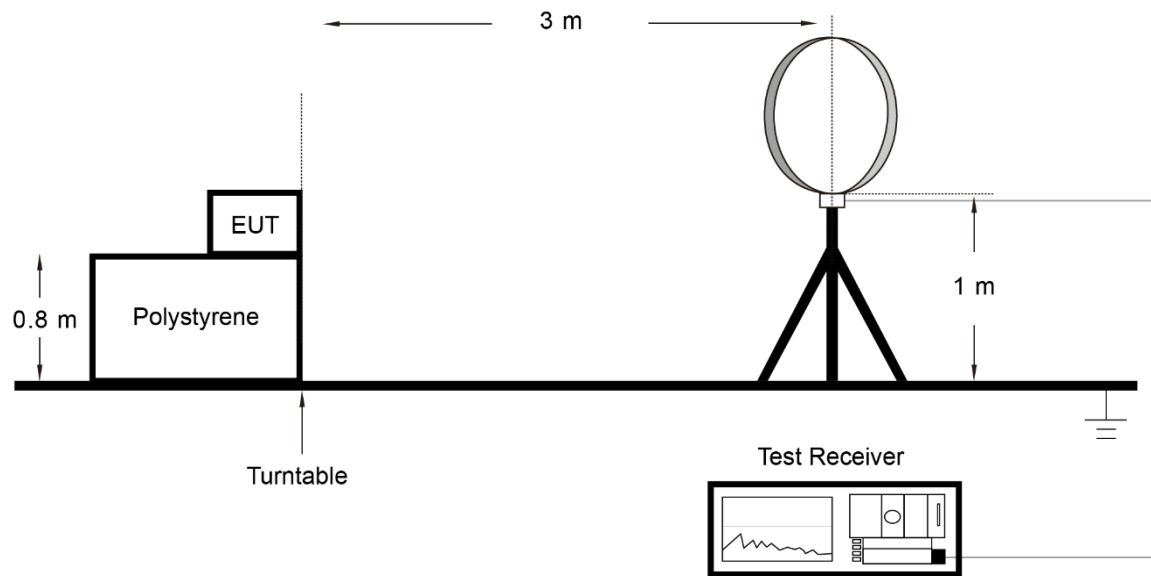
6.4.2. Test Procedure

ANSI C63.10-2013 - Section 6.9.2

6.4.3. Test Setting

1. Set RBW $\geq$ 1% to 5% of the 20dB bandwidth
2. VBW = approximately three times RBW
3. Span = approximately 2 to 5 times the 20dB bandwidth
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. Allow the trace to stabilize
8. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

6.4.4. Test Setup



6.4.5. Test Result

Refer to Appendix A.3.

6.5. Frequency Tolerance Measurement

6.5.1. Test Limit

The frequency tolerance of the carrier signal shall be maintained within +/- 0.01% of the operating frequency.

6.5.2. Test Procedure

ANSI C63.10-2013 - Section 6.8

6.5.3. Test Setting

Frequency Stability Under Temperature Variations:

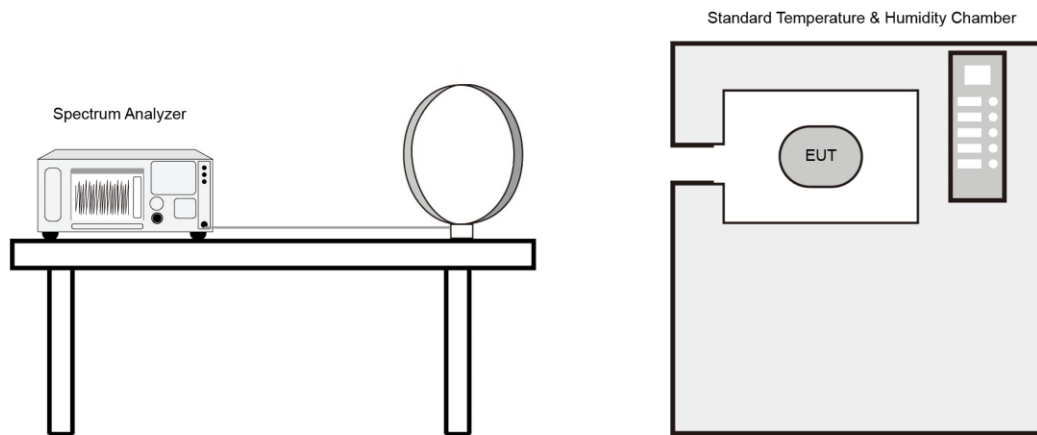
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ($\pm 15\%$) and endpoint, record the maximum frequency change. For hand-carried battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

6.5.4. Test Setup



6.5.5. Test Result

Refer to Appendix A.4.

6.6. AC Conducted Emissions Measurement

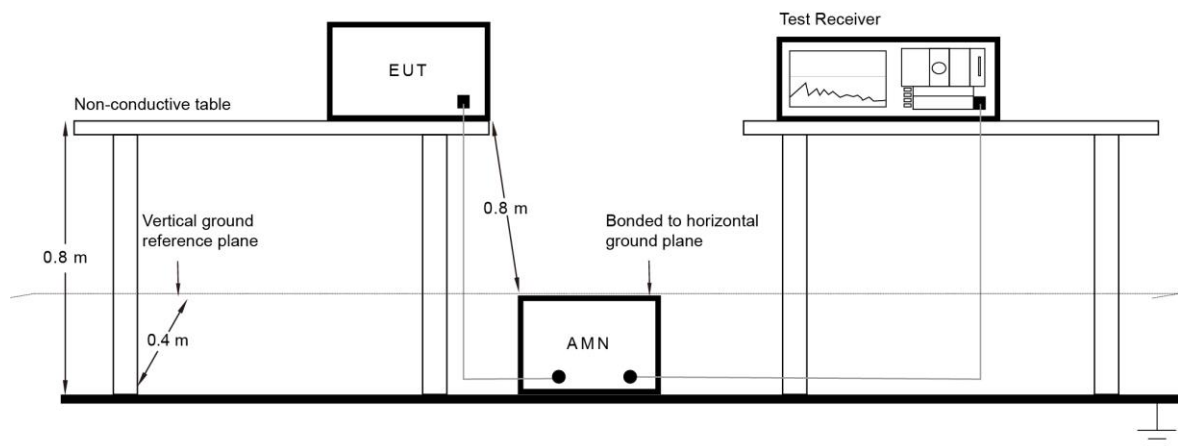
6.6.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

6.6.2. Test Setup



6.6.3. Test Result

Refer to Appendix A.5.

Appendix A - Test Result

A.1 In-band Emission Test Result

Test Engineer	Hyde Yu	Test Date	2022/06/07
Test Mode	Mode 1	Test Site	WZ-AC1

Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (@3m) (dBμV/m)	Margin [dB]
Coaxial					
13.350	10.478	17.038	27.516	80.506	-52.990
13.468	13.156	17.036	30.192	90.488	-60.296
13.561	29.554	17.034	46.588	123.999	-77.411
13.670	14.800	17.031	31.831	90.488	-58.657
13.769	14.304	17.030	31.334	80.506	-49.172
Coplanar					
13.231	11.381	17.040	28.421	80.506	-52.085
13.447	10.540	17.036	27.576	90.488	-62.912
13.560	26.614	17.034	43.648	123.999	-80.351
13.662	13.218	17.032	30.250	90.488	-60.238
13.776	12.282	17.030	29.312	80.506	-51.194

Note

1. All measurements were performed using a loop antenna. The antenna was positioned in two orthogonal (coaxial and coplanar) and the position with the highest emission level was recorded.
2. Measurements were tested at 3m and the data was extrapolated to the specified measurement distance of 30m using the square of an inverse linear extrapolation factor (40 dB/decade) as specified in &15.31(f)(2).
Extrapolation Factor = $20 \cdot \log(30/3)^2 = 40 \text{ dB}$
For example, Limit (@3m) = $20 \cdot \log(106) + 40 = 80.506 \text{ dB}\mu\text{V/m}$
3. All measurements were recorded using an EMI test receiver employing a peak detector.

A.2 Out-Band Emission Test Result

Test Engineer	Hyde Yu	Test Date	2022/06/07
Test Mode	Mode 1	Test Site	WZ-AC1

Out-Band Emission Below 30MHz						
Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit(@3m) (dBμV/m)	Margin (dB)	Detector
Coaxial						
1.568	14.390	17.492	31.882	63.697	-31.815	Peak
Coplanar						
1.314	16.076	17.497	33.573	65.232	-31.659	Peak

Out-Band Emission Above 30MHz							
Polarization	Frequency (MHz)	Reading Level (dBμV/m)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector
H	36.790	-0.364	17.247	16.883	40.000	-23.117	Peak
H	40.670	3.349	17.803	21.152	40.000	-18.848	Peak
H	46.490	-1.517	18.818	17.301	40.000	-22.699	Peak
H	53.765	-2.335	18.288	15.953	40.000	-24.047	Peak
H	67.345	1.251	16.468	17.719	40.000	-22.281	Peak
H	78.015	-0.552	14.054	13.502	40.000	-26.498	Peak
V	40.670	14.407	17.803	32.210	40.000	-7.790	Peak
V	43.580	-1.211	18.514	17.303	40.000	-22.697	Peak
V	53.765	-0.511	18.288	17.777	40.000	-22.223	Peak
V	67.345	7.853	16.468	24.321	40.000	-15.679	Peak
V	94.505	2.733	12.274	15.007	43.500	-28.493	Peak
V	116.815	-0.129	15.036	14.907	43.500	-28.593	Peak

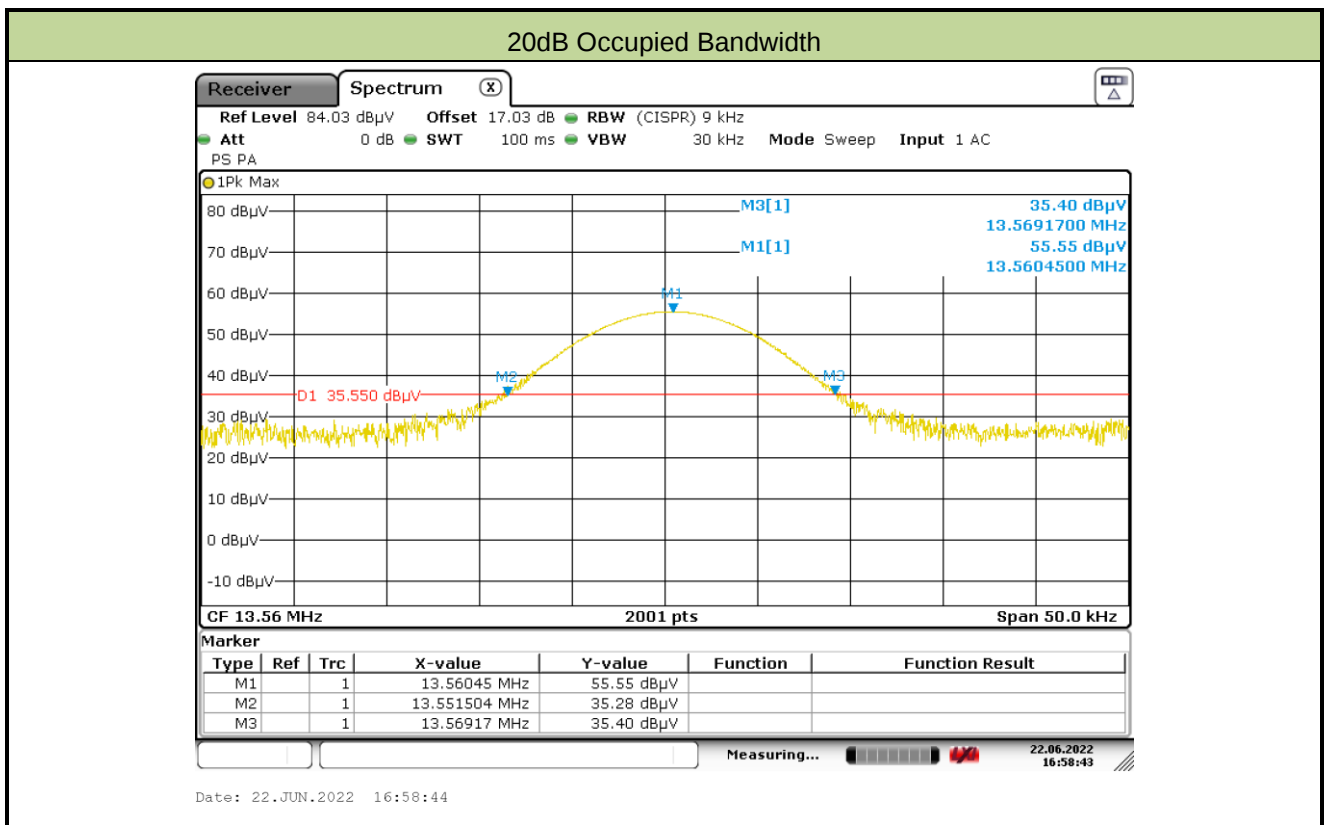
Note

- Below 30MHz measurement was performed using a loop antenna. The antenna was positioned in two orthogonal (coaxial and coplanar) and the position with the highest emission level was recorded.
- Measurements were tested at 3m and the data was extrapolated to the specified measurement distance of 30m using the square of an inverse linear extrapolation factor (40 dB/decade) as specified in &15.31(f)(2).
Extrapolation Factor = $40 \times \log(30/3)^2 = 40$ dB
For example, Limit (@3m) = $20 \times \log(15.306) + 40 = 63.697$ dBμV/m
- All measurements were recorded using an EMI test receiver employing a peak detector.

A.3 Occupied Bandwidth Test Result

Test Engineer	Hyde Yu	Test Date	2022/06/22
Test Mode	Mode 1	Test Site	WZ-AC1

Frequency (MHz)	20dB Occupied Bandwidth (kHz)
13.56	17.666



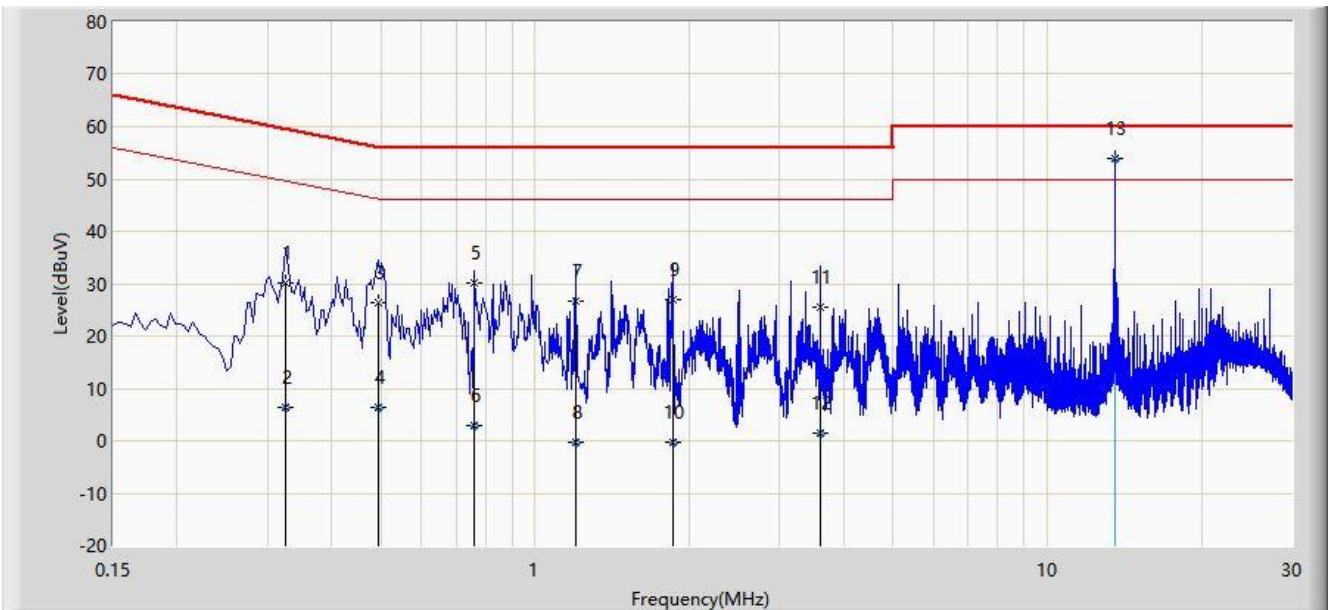
A.4 Frequency Stability Tolerance Test Result

Test Engineer	Hyde Yu	Test Date	2022/06/07
Test Mode	Mode1	Test Site	WZ-TR3

Reference Voltage: 3.85V			
Deviation Limit: +/- 0.01% = +/- 1356Hz			
Voltage (%)	Power Battery	Temp (°C)	Frequency Deviation (Hz)
100	3.85V	-20	349
		-10	397
		0	621
		+10	-389
		+20	-496
		+30	358
		+40	-224
		+50	598
Battery Upper	4.30V	+ 20	602
Battery End Point	3.50V	+ 20	525

A.5 AC Conducted Emissions Test Result

Site: WZ-SR2	Time: 2022/06/15 - 17:23
Temperature: 22°C	Humidity: 54.7%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Alin Zhou
Probe: ENV216_101683_Filter Off_E	Polarity: Line
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.326	30.216	20.308	-29.337	59.552	9.908	QP
2		0.326	6.297	-3.612	-43.256	49.552	9.908	AV
3		0.494	26.310	16.391	-29.790	56.100	9.919	QP
4		0.494	6.492	-3.427	-39.608	46.100	9.919	AV
5	*	0.762	30.027	20.094	-25.973	56.000	9.932	QP
6		0.762	2.914	-7.018	-43.086	46.000	9.932	AV
7		1.198	26.561	16.607	-29.439	56.000	9.954	QP
8		1.198	-0.210	-10.164	-46.210	46.000	9.954	AV
9		1.854	27.020	17.053	-28.980	56.000	9.967	QP
10		1.854	-0.281	-10.248	-46.281	46.000	9.967	AV
11		3.598	25.577	15.314	-30.423	56.000	10.264	QP
12		3.598	1.407	-8.856	-44.593	46.000	10.264	AV
13		13.562	53.941	42.986	NaN	NaN	10.955	PK

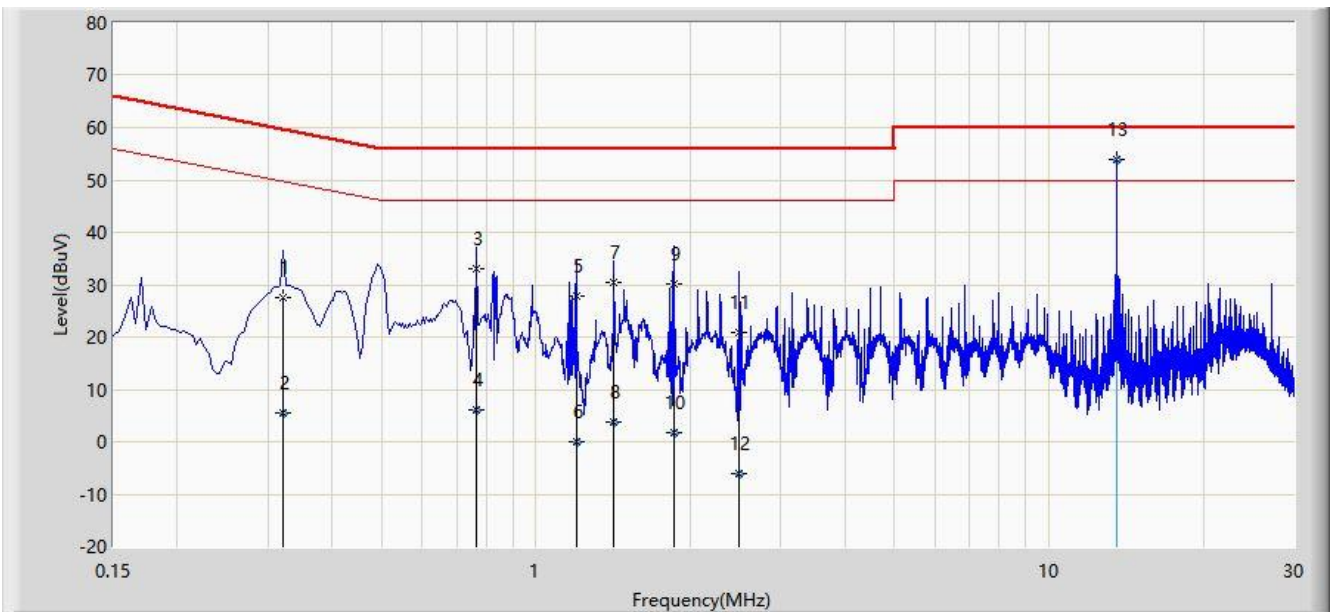
Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Note 4: It is authenticated that the point (13) is NFC signal, so we can't take it as a reference.

Site: WZ-SR2	Time: 2022/06/15 - 17:46
Temperature: 22°C	Humidity: 54.7%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Alin Zhou
Probe: ENV216_101683_Filter Off_E	Polarity: Neutral
EUT: Mobile Computer	Power: AC 120V/60Hz
Test Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.322	27.465	17.548	-32.190	59.655	9.918	QP
2		0.322	5.638	-4.280	-44.017	49.655	9.918	AV
3	*	0.766	33.042	23.092	-22.958	56.000	9.950	QP
4		0.766	6.230	-3.720	-39.770	46.000	9.950	AV
5		1.198	27.733	17.768	-28.267	56.000	9.966	QP
6		1.198	0.068	-9.898	-45.932	46.000	9.966	AV
7		1.418	30.305	20.332	-25.695	56.000	9.973	QP
8		1.418	3.733	-6.240	-42.267	46.000	9.973	AV
9		1.854	30.045	20.060	-25.955	56.000	9.986	QP
10		1.854	1.849	-8.136	-44.151	46.000	9.986	AV
11		2.486	20.967	10.890	-35.033	56.000	10.078	QP
12		2.486	-6.081	-16.158	-52.081	46.000	10.078	AV
13		13.562	54.052	43.087	NaN	NaN	10.965	PK

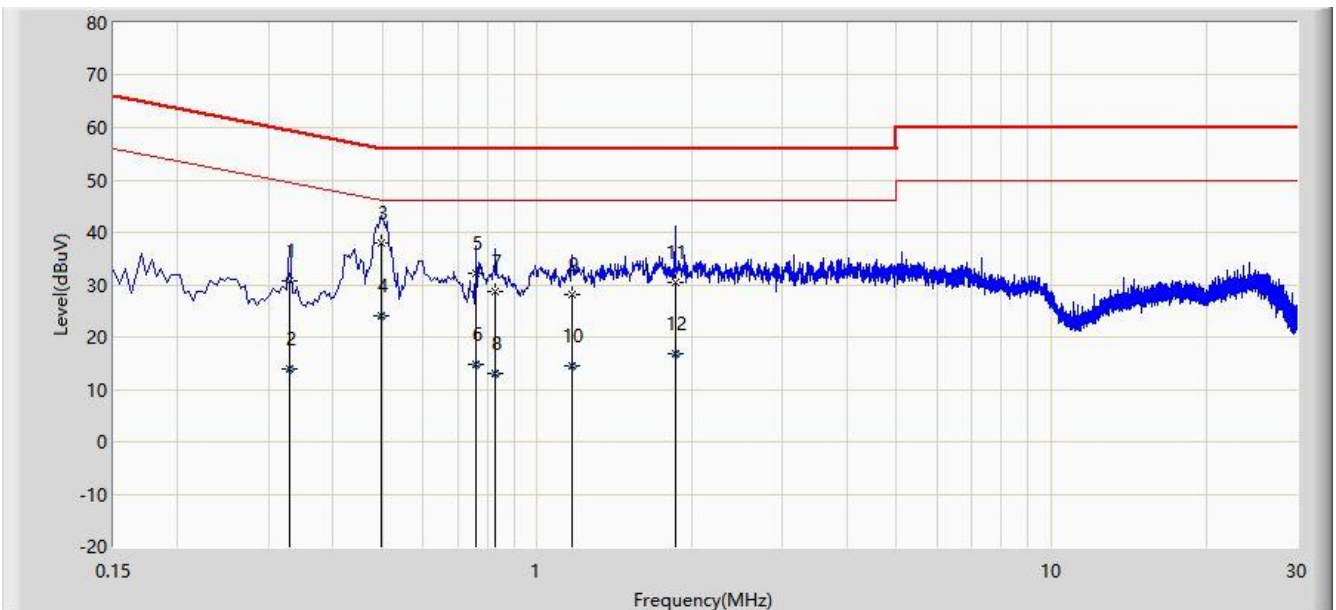
Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Note 4: It is authenticated that the point (13) is NFC signal, so we can't take it as a reference.

Site: WZ-SR2	Time: 2022/06/24 - 14:48
Temperature: 21°C	Humidity: 66.2%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Alin Zhou
Probe: ENV216_101683_Filter Off_E	Polarity: Neutral
EUT: Mobile Computer	Power: AC 120V/60Hz
Note: Antenna port terminated	



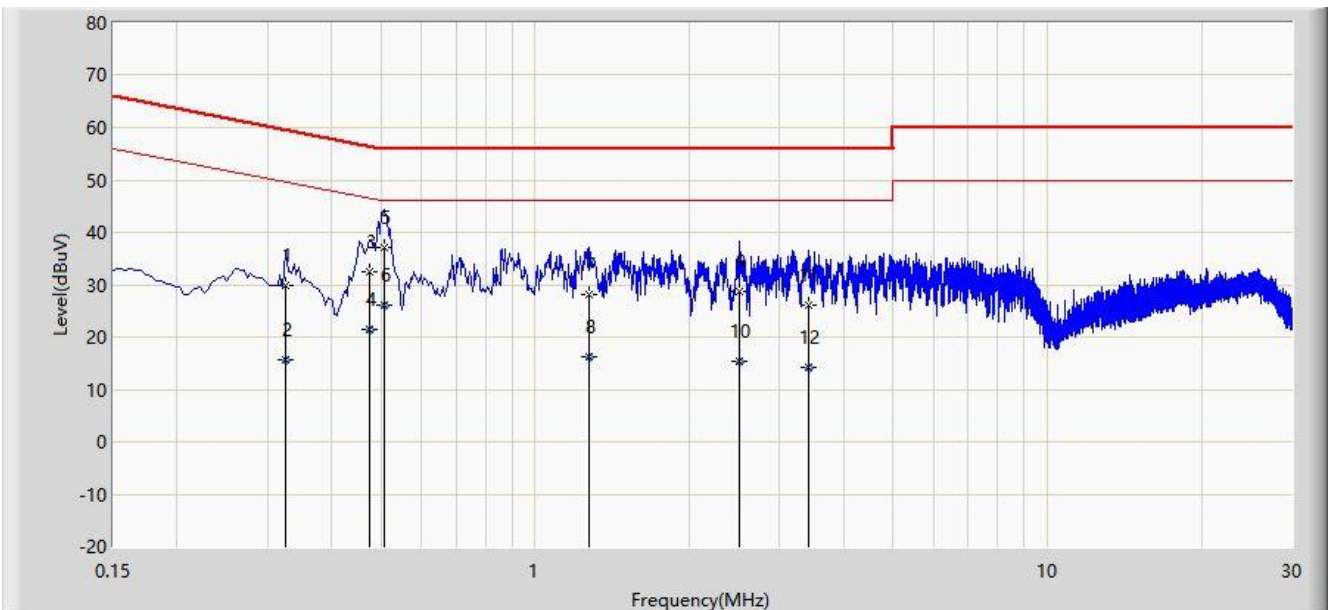
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.330	30.719	20.810	-28.733	59.451	9.908	QP
2		0.330	13.990	4.082	-35.461	49.451	9.908	AV
3	*	0.498	38.103	28.184	-17.935	56.039	9.920	QP
4		0.498	24.152	14.232	-21.887	46.039	9.920	AV
5		0.762	32.073	22.140	-23.927	56.000	9.932	QP
6		0.762	14.718	4.786	-31.282	46.000	9.932	AV
7		0.830	28.584	18.646	-27.416	56.000	9.937	QP
8		0.830	13.136	3.198	-32.864	46.000	9.937	AV
9		1.170	27.997	18.043	-28.003	56.000	9.954	QP
10		1.170	14.553	4.599	-31.447	46.000	9.954	AV
11		1.854	30.522	20.555	-25.478	56.000	9.967	QP
12		1.854	16.825	6.858	-29.175	46.000	9.967	AV

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

Note 2: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Site: WZ-SR2	Time: 2022/06/24 - 15:04
Temperature: 21°C	Humidity: 66.2%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Alin Zhou
Probe: ENV216_101683_Filter Off_E	Polarity: Line
EUT: Mobile Computer	Power: AC 120V/60Hz
Note: Antenna port terminated	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.326	29.912	20.004	-29.641	59.552	9.908	QP
2		0.326	15.790	5.882	-33.762	49.552	9.908	AV
3		0.474	32.327	22.409	-24.117	56.444	9.918	QP
4		0.474	21.362	11.444	-25.082	46.444	9.918	AV
5	*	0.506	37.195	27.275	-18.805	56.000	9.920	QP
6		0.506	26.220	16.300	-19.780	46.000	9.920	AV
7		1.278	28.047	18.091	-27.953	56.000	9.955	QP
8		1.278	16.150	6.194	-29.850	46.000	9.955	AV
9		2.510	28.739	18.675	-27.261	56.000	10.064	QP
10		2.510	15.222	5.158	-30.778	46.000	10.064	AV
11		3.414	26.035	15.805	-29.965	56.000	10.230	QP
12		3.414	14.254	4.025	-31.746	46.000	10.230	AV

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

Note 2: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Appendix B - Test Setup Photograph

Refer to “2205RSU063-UT” file.

Appendix C - EUT Photograph

Refer to “2205RSU063-UE” file.

The End
