RF MEASUREMENT REPORT

FCC ID:	HD5-CT40PL1N
Applicant:	Honeywell International Inc Honeywell Safety and Productivity Solutions
Product:	DOLPHIN CT40
Model No.:	CT40P-L1N
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

ACCREDITED
TESTING LABORATORY
CERTIFICATE #3628.01

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
2205RSU064-U1	Rev. 01	Initial Report	2022-06-25	Valid

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1. General Information

1.1. Applicant

Honeywell International Inc

Honeywell Safety and Productivity Solutions

9680 Old Bailes Road, Fort Mill, SC 29707 United States

1.2. Manufacturer

Honeywell International Inc

Honeywell Safety and Productivity Solutions

9680 Old Bailes 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	DOLPHIN CT40
Model No.	CT40P-L1N
EUT Identification No.	20220606Sample#020
Wi-Fi Specification	802.11a/b/g/n/ac
Bluetooth Specification	v5.0 dual mode
2nd Bluetooth Specification	v5.1 single mode, LE only
GSM/WCDMA/LTE Specification	GSM 850/1900 CDMA2000 BC0/BC1/BC10 WCDMA B2/4/5 LTE B2/4/5/7/12/13/17/25/26/38/41
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

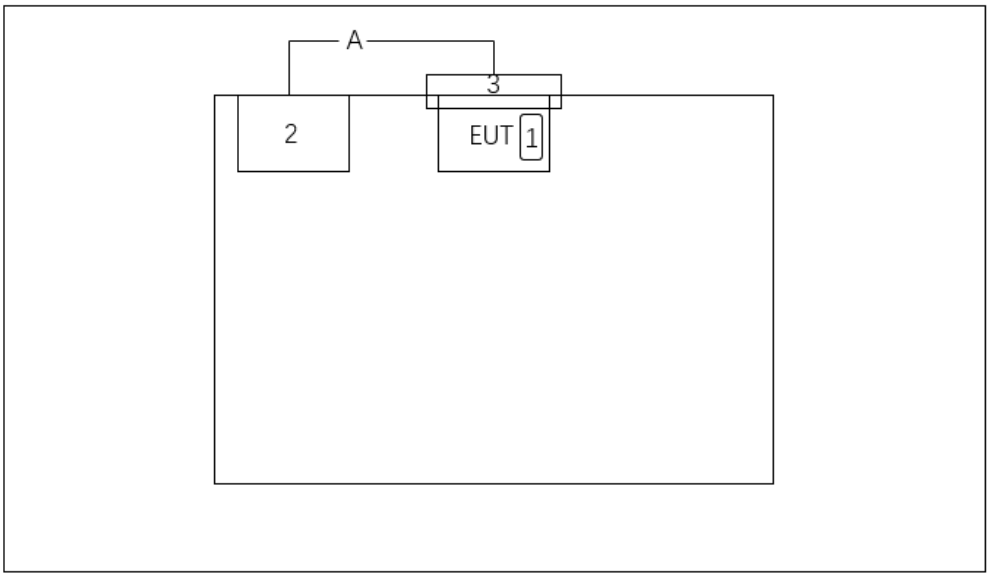
2.1. Test Mode

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=2Uc(y)): 9kHz~150kHz: 3.74dB 150kHz~30MHz: 3.44dB
Radiated Disturbance
Measurement Uncertainty for a Level of Confidence of 95% (U=2Uc(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

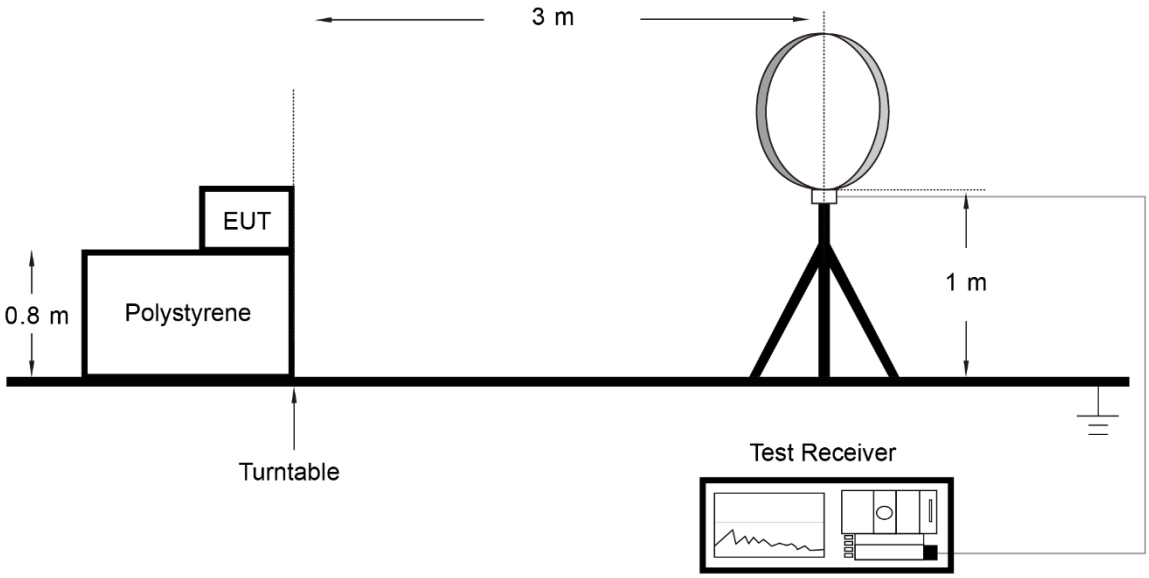
ANSI C63.10-2013 - Section 6.4.7

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 (μV/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 (dBμV/m) = 20 log E field strength (μV/m)		

6.3.2. Test Procedure

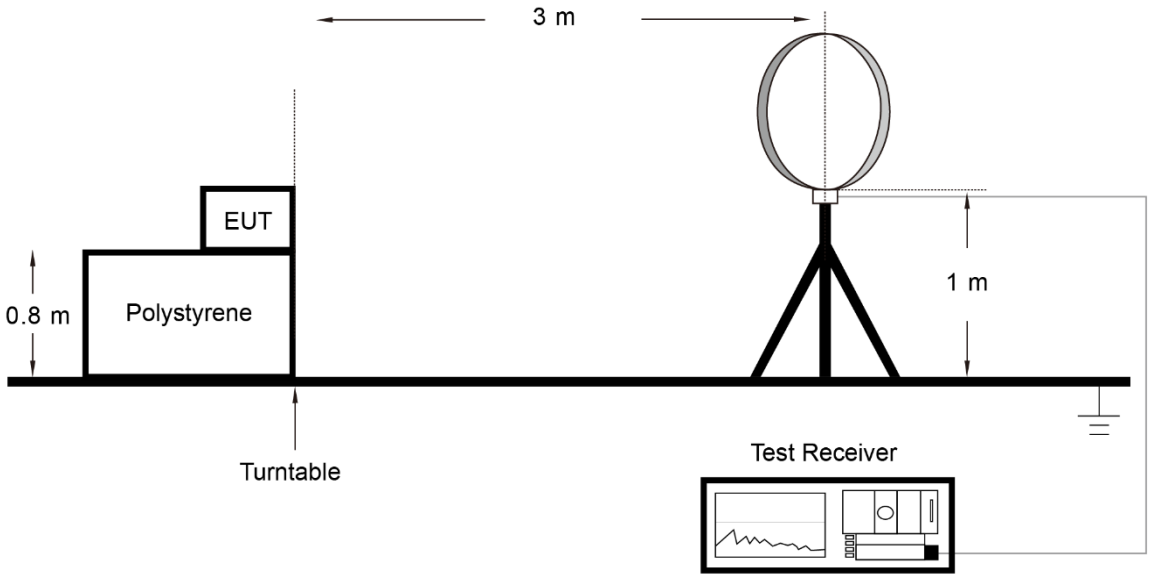
ANSI C63.10-2013 - Section 6.5.4

6.3.3. Test Setting

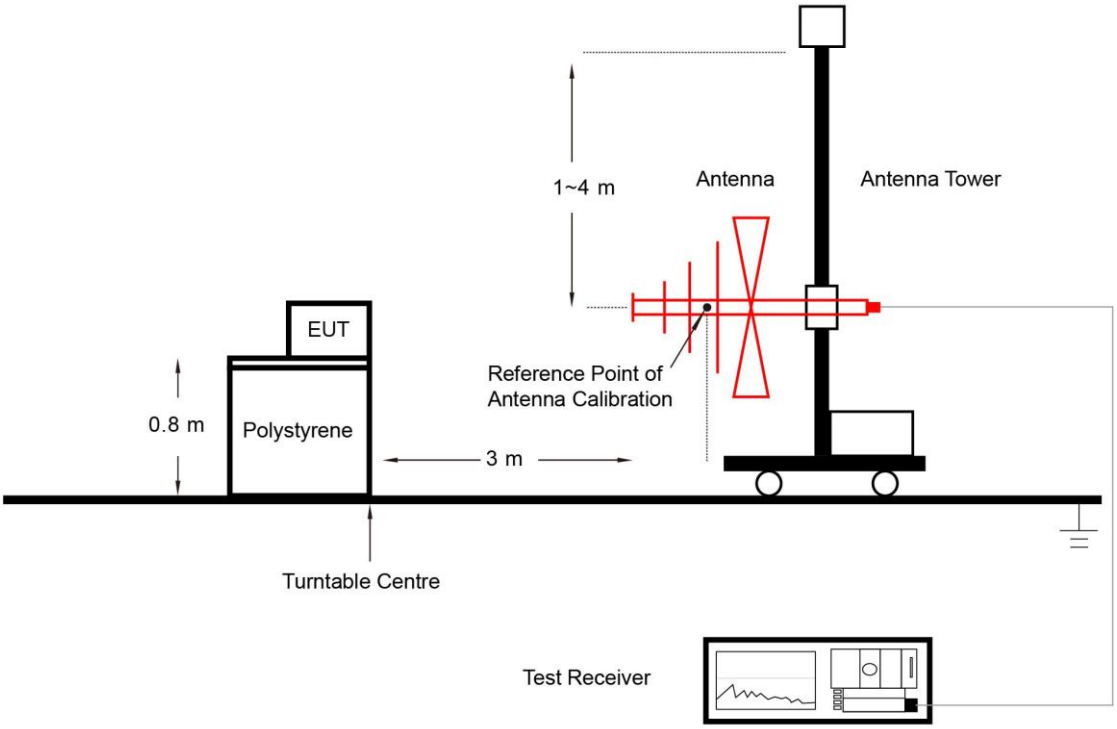
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 9kHz for emission below 30MHz and 100kHz for emission between 30MHz and 1GHz
3. VBW = 3 * RBW
4. Detector = Peak
5. Trace mode = Max hold
6. Sweep = Auto couple
7. Allow the trace to stabilize

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.

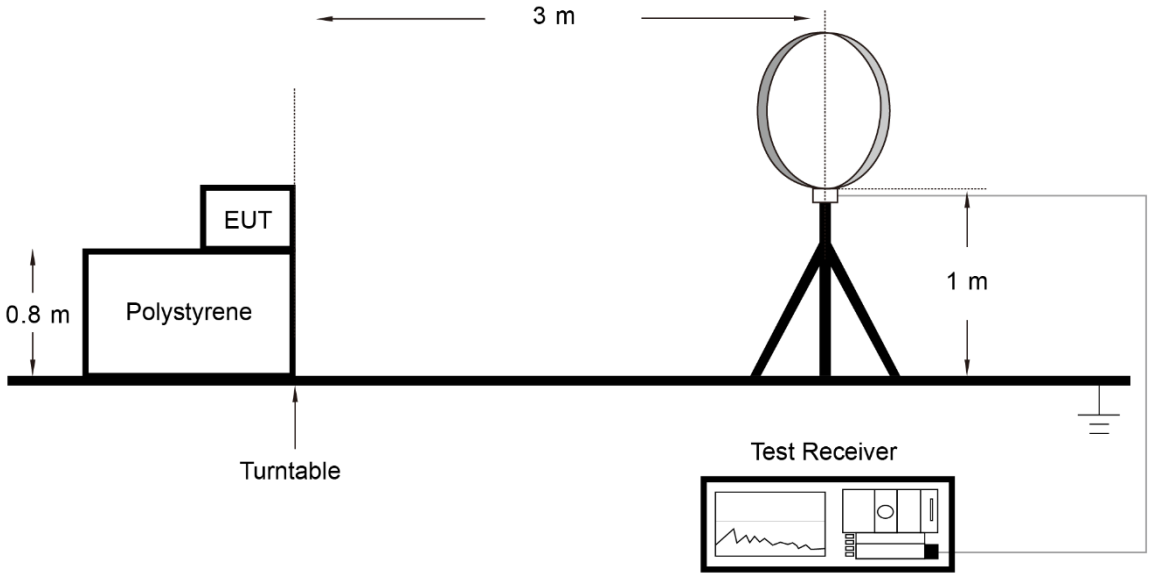
6.4.2. Test Procedure

ANSI C63.10-2013 - Section 6.9.2

6.4.3. Test Setting

1. Set RBW ≥ 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 Tolerence 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:

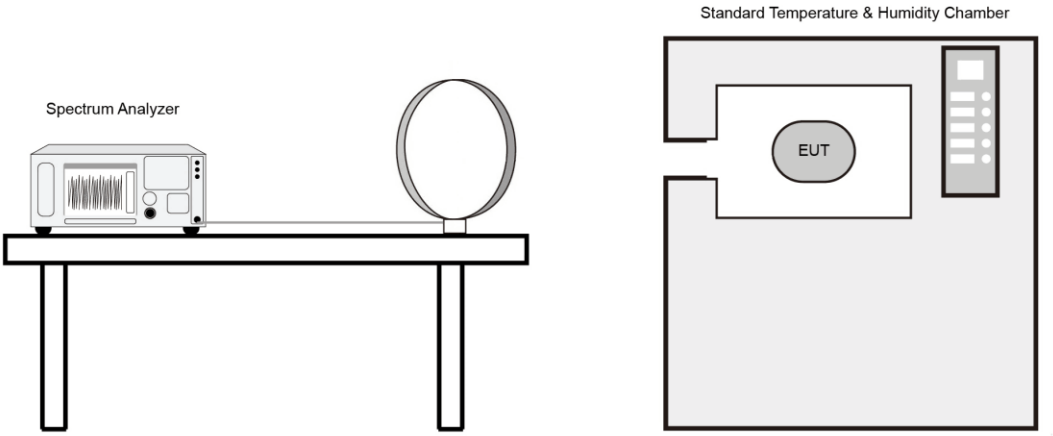
The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20℃ 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℃ decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20℃. 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 (±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

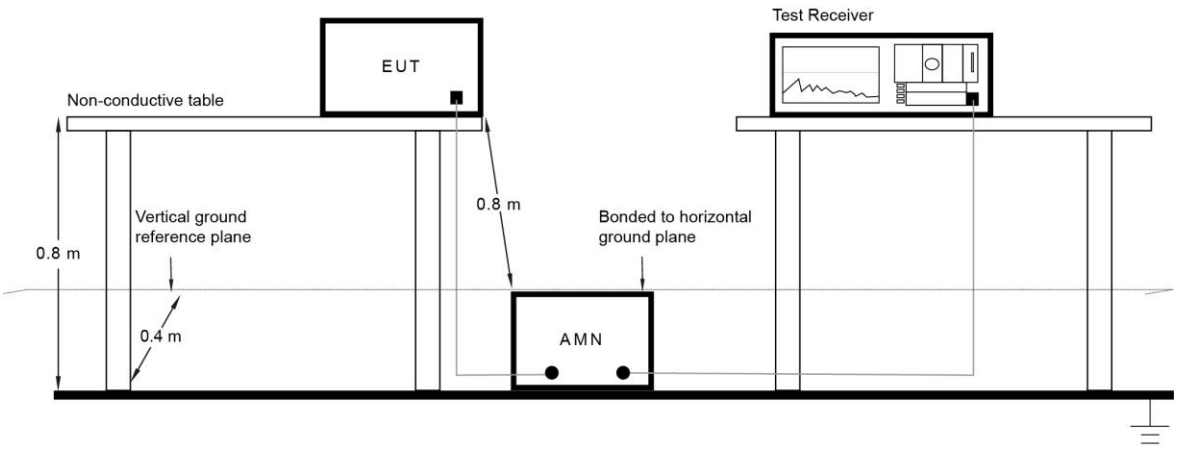
Refer to Appendix A.4.

6.6. AC Conducted Emissions Measurement

6.6.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207		
Frequency (MHz)	QP (dBμV)	AV (dBμV)
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	13.644	17.038	30.682	80.506	-49.824
13.452	17.100	17.036	34.136	90.488	-56.352
13.561	32.130	17.034	49.164	123.999	-74.835
13.663	18.047	17.032	35.079	90.488	-55.409
13.775	14.846	17.030	31.876	80.506	-48.630
Coplanar					
13.312	9.408	17.038	26.446	80.506	-54.060
13.486	13.029	17.036	30.065	90.488	-60.423
13.560	28.098	17.034	45.132	123.999	-78.867
13.667	14.398	17.032	31.430	90.488	-59.058
13.771	12.553	17.030	29.583	80.506	-50.923

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 = $20*\text{Log}\ (30/3)^2 = 40$ dB
   For example, Limit (@3m) = 20*log(106) + 40 = 80.506 dBμV/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						
0.941	17.456	17.494	34.950	68.132	-33.182	Peak
Coplanar						
1.613	15.885	17.491	33.376	63.452	-30.076	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	4.132	17.247	21.379	40.000	-18.621	Peak
H	44.550	3.169	18.671	21.840	40.000	-18.160	Peak
H	55.705	2.491	18.165	20.656	40.000	-19.344	Peak
H	66.375	4.135	16.667	20.802	40.000	-19.198	Peak
H	93.535	5.740	12.183	17.923	43.500	-25.577	Peak
H	112.450	4.292	14.641	18.933	43.500	-24.567	Peak
V	30.970	12.299	16.258	28.557	40.000	-11.443	Peak
V	37.275	7.955	17.328	25.283	40.000	-14.717	Peak
V	65.405	9.580	16.851	26.431	40.000	-13.569	Peak
V	75.105	10.518	14.806	25.324	40.000	-14.676	Peak
V	94.020	15.151	12.213	27.364	43.500	-16.136	Peak
V	112.450	14.586	14.641	29.227	43.500	-14.273	Peak

Note

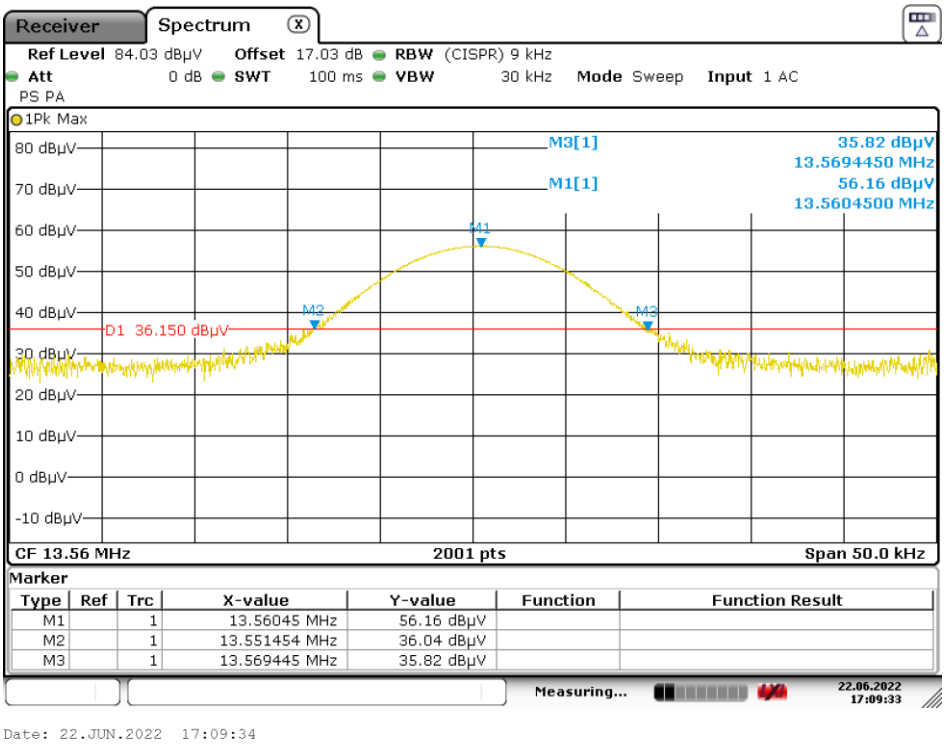
1. Below 30MHz measurement was performed using a loop antenna. The antenna was positioned in two orthogonal (coaxial and coplanar) and the position with the highest emission level was recorded.
2. Measurements were tested at 3m and the data was extrapolated to the specified measurement distance of 30m using the square of an inverse linear extrapolation factor (40 dB/decade) as specified in &15.31(f)(2).
   Extrapolation Factor = $40*Log(30/3)^2$= 40 dB
   For example, Limit (@3m) = 20*log (25.505) + 40 = 68.132 dBμV/m
3. 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	17.991

20dB Occupied Bandwidth



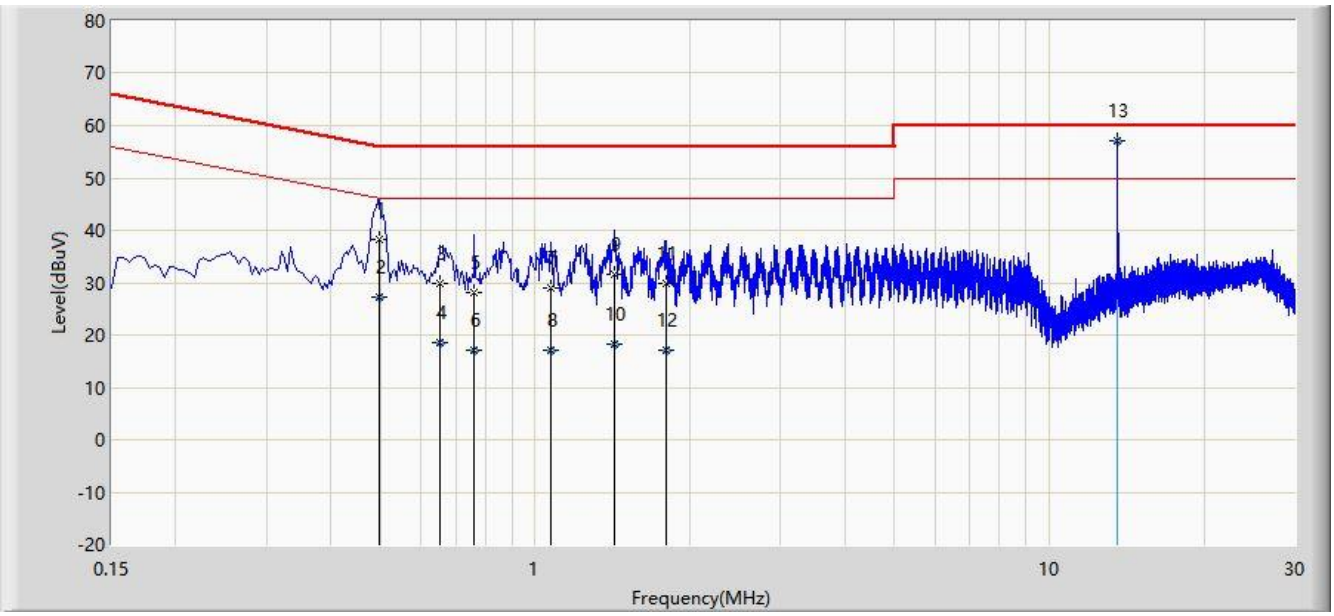
A.4 Frequency Stability Tolerance Test Result

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	541
		-10	381
		0	463
		+10	762
		+20	-451
		+30	-318
		+40	225
		+50	-229
Battery Upper	4.30V	+ 20	371
Battery End Point	3.50V	+ 20	-659

A.5 AC Conducted Emissions Test Result

Site: WZ-SR2	Time: 2022/06/15 - 13:51
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: DOLPHIN CT40	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	*	0.498	38.376	28.456	-17.663	56.039	9.920	QP
2		0.498	27.232	17.313	-18.806	46.039	9.920	AV
3		0.654	29.999	20.073	-26.001	56.000	9.927	QP
4		0.654	18.469	8.543	-27.531	46.000	9.927	AV
5		0.762	28.082	18.150	-27.918	56.000	9.932	QP
6		0.762	17.020	7.088	-28.980	46.000	9.932	AV
7		1.070	29.116	19.165	-26.884	56.000	9.951	QP
8		1.070	17.095	7.144	-28.905	46.000	9.951	AV
9		1.422	31.618	21.660	-24.382	56.000	9.958	QP
10		1.422	18.276	8.318	-27.724	46.000	9.958	AV
11		1.802	29.921	19.955	-26.079	56.000	9.966	QP
12		1.802	17.030	7.064	-28.970	46.000	9.966	AV
13		13.558	56.978	46.023	NaN	NaN	10.955	PK

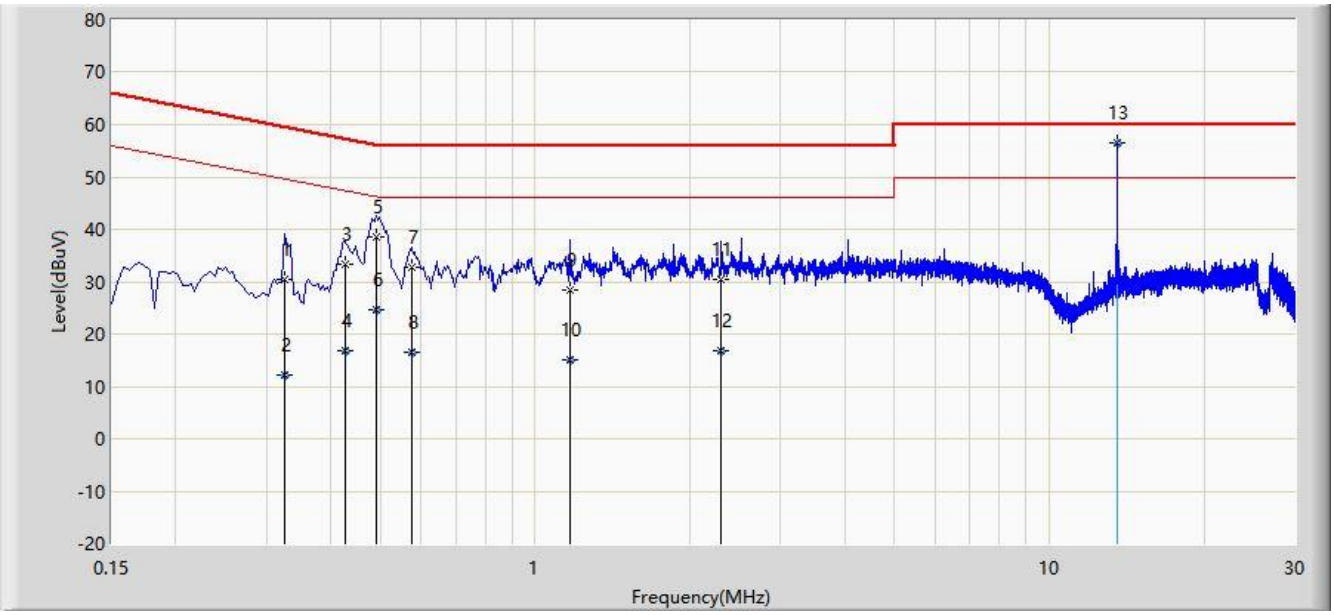
Note 1: " * ", means this data is the worst emission level.

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 - 13:58
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: DOLPHIN CT40	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	30.313	20.395	-29.240	59.552	9.918	QP
2		0.326	12.297	2.379	-37.256	49.552	9.918	AV
3		0.426	33.206	23.281	-24.125	57.330	9.925	QP
4		0.426	16.805	6.880	-30.525	47.330	9.925	AV
5	*	0.490	38.667	28.738	-17.501	56.168	9.929	QP
6		0.490	24.694	14.765	-21.474	46.168	9.929	AV
7		0.574	32.724	22.787	-23.276	56.000	9.937	QP
8		0.574	16.425	6.489	-29.575	46.000	9.937	AV
9		1.170	28.454	18.489	-27.546	56.000	9.965	QP
10		1.170	15.174	5.209	-30.826	46.000	9.965	AV
11		2.302	30.327	20.282	-25.673	56.000	10.044	QP
12		2.302	16.719	6.674	-29.281	46.000	10.044	AV
13		13.562	56.566	45.601	NaN	NaN	10.965	PK

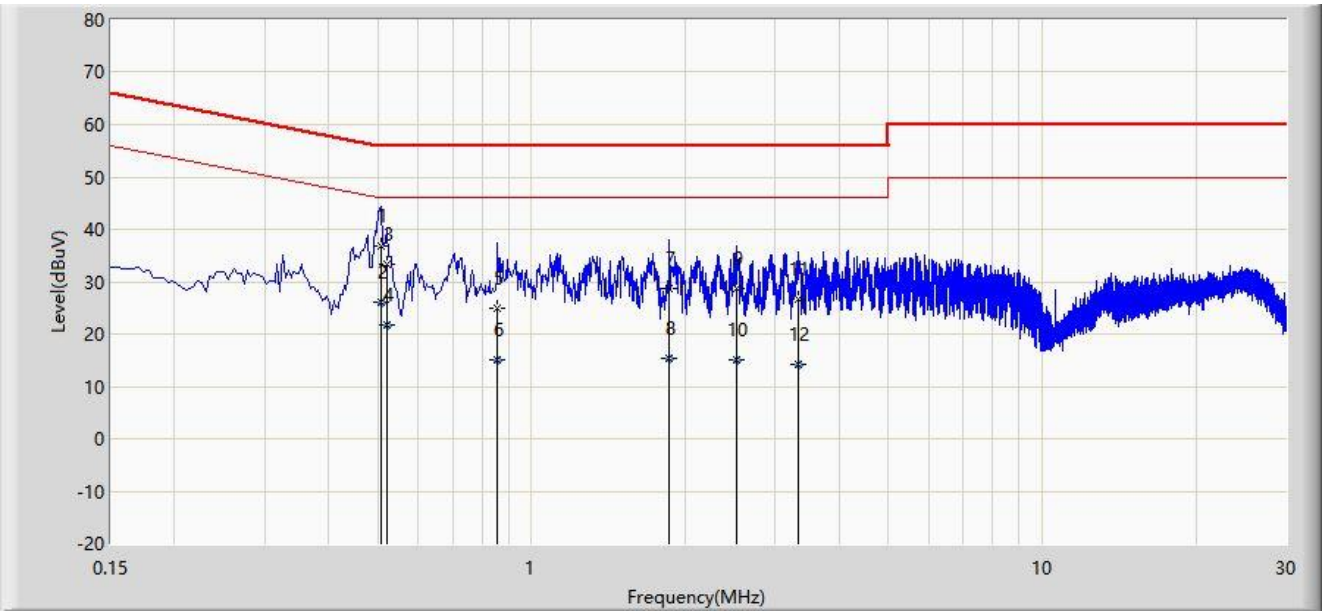
Note 1: " * ", means this data is the worst emission level.

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 - 15:36
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: DOLPHIN CT40	Power: AC 120V/60Hz
Note: Antenna port terminated	



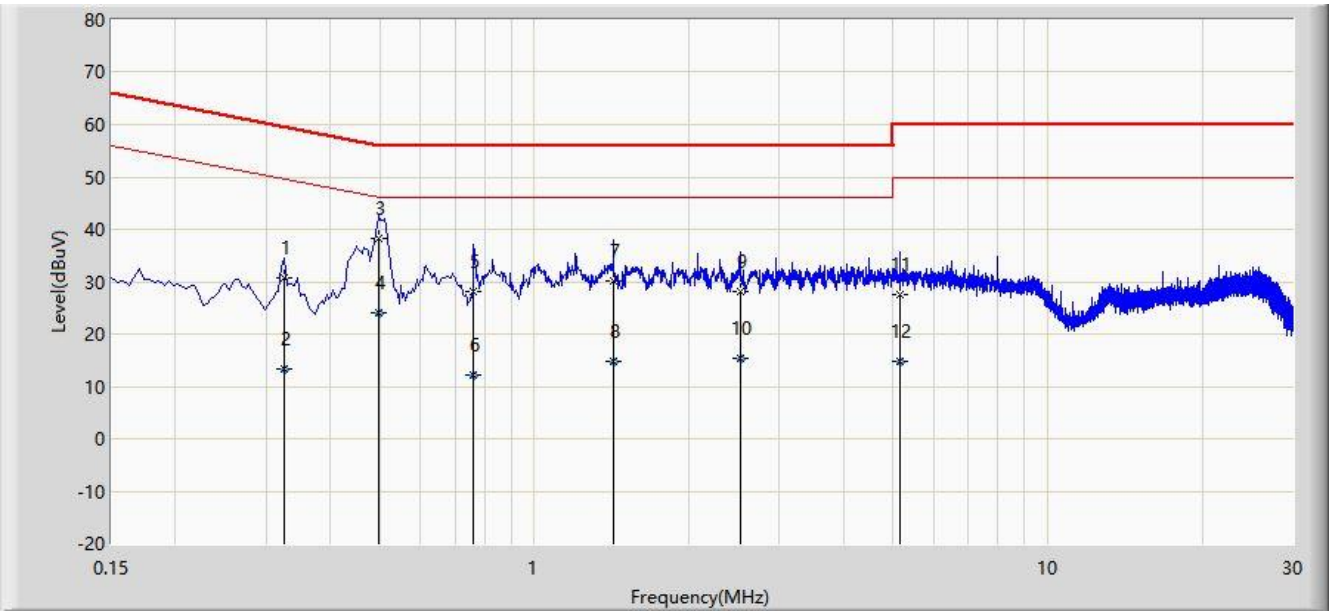
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1	*	0.506	36.767	26.847	-19.233	56.000	9.920	QP
2		0.506	25.969	16.049	-20.031	46.000	9.920	AV
3		0.522	33.235	23.313	-22.765	56.000	9.921	QP
4		0.522	21.807	11.886	-24.193	46.000	9.921	AV
5		0.858	24.923	14.984	-31.077	56.000	9.939	QP
6		0.858	15.004	5.064	-30.996	46.000	9.939	AV
7		1.862	28.746	18.779	-27.254	56.000	9.967	QP
8		1.862	15.453	5.486	-30.547	46.000	9.967	AV
9		2.518	28.552	18.487	-27.448	56.000	10.066	QP
10		2.518	15.021	4.956	-30.979	46.000	10.066	AV
11		3.326	26.628	16.415	-29.372	56.000	10.214	QP
12		3.326	14.078	3.865	-31.922	46.000	10.214	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 - 15:46
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: DOLPHIN CT40	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	30.788	20.870	-28.764	59.552	9.918	QP
2		0.326	13.204	3.286	-36.348	49.552	9.918	AV
3	*	0.498	38.153	28.223	-17.880	56.033	9.930	QP
4		0.498	24.184	14.254	-21.850	46.033	9.930	AV
5		0.762	28.137	18.186	-27.863	56.000	9.950	QP
6		0.762	12.029	2.079	-33.971	46.000	9.950	AV
7		1.426	30.222	20.249	-25.778	56.000	9.973	QP
8		1.426	14.876	4.903	-31.124	46.000	9.973	AV
9		2.514	28.191	18.108	-27.809	56.000	10.083	QP
10		2.514	15.487	5.405	-30.513	46.000	10.083	AV
11		5.146	27.659	17.120	-32.341	60.000	10.539	QP
12		5.146	14.670	4.131	-35.330	50.000	10.539	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 “2205RSU064-UT” file.

Appendix C - EUT Photograph

Refer to “2205RSU064-UE” file.

The End