REPORT No.：SZ17110101S02

TEST REPORT

APPLICANT	:	CYSPO Technology (Shenzhen) Co., Ltd.
PRODUCT NAME	:	Fast Charge Wireless Charger
MODEL NAME	:	ST-WCP,F400-C,ST-WCPM,ST-WCPS, ST-WCPR,ST-WCPG,CD134
BRAND NAME	:	N/A
FCC ID	:	N/A
STANDARD(S)	:	47CFR 2.1093 KDB 680106
TEST DATE	:	2017-12-20 to 2017-12-21
ISSUE DATE	:	2018-01-21

Tested by: Peng Fuwei (Test engineer)

Approved by: Peng Huarui (Supervisor)

MORLAB
SHENZHEN MORLAB COMMUNICATIONS TECHNOLOGY Co., Ltd.
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DIRECTORY

Change History		
Issue	**Date**	**Reason for change**
1.0	2017-12-21	First edition

1. Technical Information

Note: Provide by manufacturer.

1.1. Applicant and Manufacturer Information

Applicant:	CYSPO Technology (Shenzhen) Co., Ltd.
Applicant Address:	Floor 2, Building A, Jin Chi Industry Park, Jiu Wei, Baoan District, Shenzhen, Guangdong, China
Manufacturer:	CYSPO Technology (Shenzhen) Co., Ltd.
Manufacturer Address:	Floor 2, Building A, Jin Chi Industry Park, Jiu Wei, Baoan District, Shenzhen, Guangdong, China

1.2. Equipment Under Test (EUT) Description

EUT Type:	Fast Charge Wireless Charger		
Model Name:	ST-WCP,F400-C, ST-WCPM,ST-WCPS,ST-WCPR,ST-WCPG,CD134		
Frequency Bands:	110 KHz - 205 KHz		
MPE:	H-field	0.568	Limit: 2.3 (uT)

Note: For a more detailed description, please refer to specification or user'smanual supplied by the applicant and/or manufacturer. With regards to the application for Model: ST-WCP,F400-C, ST-WCPM,ST-WCPS,ST-WCPR,ST-WCPG,CD134. According to the designer, CYSPO TECHNOLOGY(SHENZHEN) CO., LTD.., we hereby declare the difference between the product color(silver, gold, rose gold, black). The others are the same.

1.3. Photographs of the EUT

Please refer to the External Photos for the Photos of the EUT

1.4. Applied Reference Documents

Leading reference documents for testing:

No.	Identity	Document Title
1	**47 CFR§2.1093**	Radiofrequency Radiation Exposure Evaluation: Portable Devices
2	**680106 D01**	RF Exposure Wireless Charging Apps v02

2. FCC MPE REQUIREMENT

2.1. GENERAL INFORMATION

For devices designed for typical desktop applications, such a wireless charging pads, RF exposure evaluation should be conducted assuming a user separation distance of 10 cm. E and H field strength measurements or numerical modeling may be used to demonstrate compliance. Measurements should be made from all sides and the top of the primary/client pair, with the 10 cm measured from the center of the probe(s) to the edge of the device. Emissions between 100 kHz to 300 kHz should be assessed versus the limits at 300 kHz in Table 1 of Section 1.1310: 614 V/m and 1.63 A/m. A KDB inquiry is required to determine the applicable exposure limits below 100 kHz.

2.2. LIMIT

Basic Restrictions Reference levels

Basic Restriction for electric, magnetic and electromagnetic fields(0Hz to 300GHz)

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm^2)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*100	6
3.0-30	1842/f	4.89/f	$*900/f^2$	6
30-300	61.4	0.163	1.0	6
300-1,500			f/300	6
1,500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*100	30
1.34-30	824/f	2.19/f	$*180/f^2$	30
30-300	27.5	0.073	0.2	30
300-1,500			f/1500	30
1,500-100,000			1.0	30

f = frequency in MHz * = Plane-wave equivalent power density

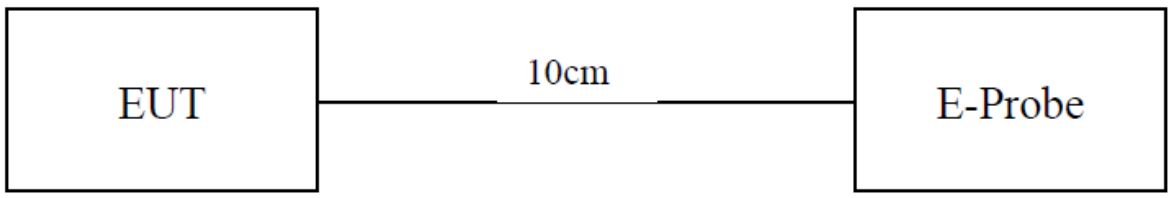
2.3. Measurement Uncertainty (95% confidence levels, k=2)

Test Item	Uncertainty
Uncertainty for Radiated Spurious Emission test in RF chamber	3.6dB
Uncertainty for test site temperature and humidity	0.6 ℃
	3%

2.4. Test Information

The EUT working at normal charging mode, use the E-Probe measure the H-field Strength, E-field Strength separately. The measure distance is 10cm.

2.5. Test Setup



3. ASSESS RESULTS

EUT: Fast Charge Wireless Charger	M/N: ST-WCP
Date: 2017.12.19	
Temperature: 23.0+-0.6 ℃ Humidity: 54+-3.0%	

H-field strength results(Frequency: 1Hz- 400 KHz **)**				
Exposure Position	Distance (cm)	H-field Strength (Max. μT)	Limit (μT)	Result
Front Side	10	0.516	2.3	PASS
Back Side	10	0.512	2.3	PASS
Left Side	10	0.495	2.3	PASS
Right Side	10	0.508	2.3	PASS
Top Side	10	0.489	2.3	PASS
Bottom Side	10	0.482	2.3	PASS

Annex A General Information

1. Identification of the Responsible Testing Laboratory

Company Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Department:	Morlab Laboratory
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
Responsible Test Lab Manager:	Mr. Su Feng
Telephone:	+86 755 36698555
Facsimile:	+86 755 36698525

2. Identification of the Responsible Testing Location

Name:	Shenzhen Morlab Communications Technology Co., Ltd. Morlab Laboratory
Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China

3. Accreditation Certificate

Accredited Testing Laboratory:	The FCC designation number is CN1192. (Shenzhen Morlab Communications Technology Co., Ltd.)

4. Test Equipment List

No.	Equipment	Manufacturer	Model	Last Cal.	Due Date
1	Filed meter	Nadar	ELT-400	2017.09.28	2018.09.27
2	ELT Probe	Nadar	N/A	2017.09.28	2018.09.27

Annex B Photographs of Test Setup

1. Back Side Position

2. Face Side Position

3. Top Edge