

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan

District Shenzhen, China 518057

Telephone: +86 (0) 755 2601 2053 Report No.: SZEM140900543801

Fax: +86 (0) 755 2671 0594 Page: 1 of 17

**FCC Test Report** 

Application No.: SZEM1409005438IT

**Applicant:** Master Hill Electric Wire & Cable Co., Ltd. **Manufacturer/Factory:** Shen Zhen Master Hill Technology Co., Ltd.

**Equipment Under Test (EUT):** 

EUT Name: Wireless charger-Round type

Model No.: MH-QIRTX
Trade mark: MAXCABLE

FCC ID: 2ADO2-MHQITX

**Standards**: 47 CFR PART 18: 2014

**Date of Receipt**: 2014-10-23

**Date of Test**: 2015-01-19 to 2015-01-29

**Date of Issue**: 2015-02-10

Test Result : PASS\*

\* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

Jack Zhang EMC Laboratory Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. All test results in this report can be traceable to National or International Standards.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms\_and\_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms\_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only



Report No.: SZEM140900543801

Page: 2 of 17

# 2 Test Summary

Test	Test Requirement	Test Method	Class / Severity	Result
Conducted Emission	47 CFR PART 18:	FCC OST/ MP-5:1986	18.307(a)	Pass
(150 kHz to 30 MHz)	2014		, ,	
Radiated Emission (9 kHz to 1GHz)	47 CFR PART 18: 2014	FCC OST/ MP-5:1986	18.305(b)	Pass

Model No.: MH-QIRTX

The model MH-QIRTX has 4 kinds of color including yellow, white, pink and green, only the green one was tested, since the electrical circuit design, layout, components used and internal wiring were identical for all samples just different on appearance color.





Report No.: SZEM140900543801

Page: 3 of 17

## 3 Contents

			Page
1	C	COVER PAGE	1
2	Т	TEST SUMMARY	2
3	_	CONTENTS	4
3	C	CONTENTS	3
4	G	GENERAL INFORMATION	4
	4.1	CLIENT INFORMATION	4
	4.2	GENERAL DESCRIPTION OF EUT	
	4.3	DESCRIPTION OF SUPPORT UNITS	
	4.4	TEST LOCATION	5
	4.5	TEST FACILITY	
	4.6	DEVIATION FROM STANDARDS	
	4.7	ABNORMALITIES FROM STANDARD CONDITIONS	5
5	Е	EQUIPMENT LIST	6
6	т	TEST RESULTS	g
Ĭ		CONDUCTED EMISSIONS	
		RADIATED EMISSIONS	
7	Р	PHOTOGRAPHS	16
	7.1	CONDUCTED EMISSION TEST SETUP	16
	7.2	RADIATED EMISSION TEST SETUP	16
	7.3	EUT CONSTRUCTIONAL DETAILS	17



Report No.: SZEM140900543801

Page: 4 of 17

## 4 General Information

### 4.1 Client Information

Applicant:	Master Hill Electric Wire & Cable Co., Ltd					
Address of Applicant:	Unit 505, 5/F., Sunbeam Centre, 27 Shing Yip Street, Kwun Tong, Kowloon Hong Kong SAR China					
Manufacturer:	Shen Zhen Master Hill Technology Co., Ltd.					
Address of Manufacturer:	Laowei Industry Zone, Longhua Street Longhua District, Shenzhen, China					
Factory:	Master Hill Electric Wire & Cable Co., Ltd					
Address of Factory:	Laowei Industry Zone, Longhua Street Longhua District, Shenzhen, China					

## 4.2 General Description of EUT

Product Name:	Wireless charger-Round type
Model No.:	MH-QIRTX
Trade mark:	MAXCABLE
Sample Type:	Wireless charger
Wireless Charging Operation Frequency:	110kHz-205kHz
Power Supply:	Model: FY0502000 Input voltage: AC 100-240V 50/60Hz 0.6A Output voltage: DC 5V 2A
Test Voltage:	AC 120V 60Hz
USB Cable:	100cm unshielded

## 4.3 Description of Support Units

The EUT has been tested with associated equipment below.

Description	Manufacturer	Model No.		
Mobile phone	NOKIA	820.1		



Report No.: SZEM140900543801

Page: 5 of 17

### 4.4 Test Location

Only the Radiate emission(9kHz-30MHz) was test in SGS GZ, the other tests were performed at: SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch E&E Lab,

No. 1 Workshop, M-10, Middle section, Science & Technology Park, Shenzhen, Guangdong, China 518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

## 4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

### • CNAS (No. CNAS L2929)

CNAS has accredited SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

### VCCI

The 10m Semi-anechoic chamber and Shielded Room (7.5m x 4.0m x 3.0m) of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-823, R-4188, T-1153 and C-2383 respectively.

#### FCC – Registration No.: 556682

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 556682.

#### Industry Canada (IC)

Two 3m Semi-anechoic chambers of SGS-CSTC Standards Technical Services Co., Ltd. have been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 4620C-1 & 4620C-2.

### 4.6 Deviation from Standards

None.

### 4.7 Abnormalities from Standard Conditions

None.



Report No.: SZEM140900543801

Page: 6 of 17

# 5 Equipment List

	Conducted Emission							
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Due date (yyyy-mm-dd)			
1	Shielding Room	ZhongYu Electron	GB-88	SEL0042	2015-06-10			
2	LISN	Rohde & Schwarz	ENV216	SEL0152	2015-10-24			
3	LISN	ETS-LINDGREN	3816/2	SEL0021	2015-05-16			
4	8 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN- T8-02	EMC0120	2015-08-30			
5	4 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN- T4-02	EMC0121	2015-08-30			
6	2 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN- T2-02	EMC0122	2015-08-30			
7	EMI Test Receiver	Rohde & Schwarz	ESCI	SEL0022	2015-05-16			
8	Coaxial Cable	SGS	N/A	SEL0025	2015-05-29			
9	Coaxial Cable	SGS	N/A	SEL0025	2015-05-29			



Report No.: SZEM140900543801

Page: 7 of 17

	RE in Chamber				
Item	Test Equipment	Manufacturer Model No.		Inventory No.	Cal.Due date (yyyy-mm-dd)
1	3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEL0017	2015-06-10
2	EMI Test Receiver	Agilent Technologies	N9038A	SEL0312	2015-09-16
3	EMI Test software	AUDIX	E3	SEL0050	N/A
4	Coaxial cable	SGS	N/A	SEL0028	2015-05-29
5	BiConiLog Antenna (26-3000MHz)	ETS-LINDGREN	3142C	SEL0014	2015-10-24
6	Pre-amplifier (0.1-1300MHz)	Agilent Technologies	8447D	SEL0053	2015-05-16
7	Double-ridged horn (1-18GHz)	ETS-LINDGREN	3117	SEL0006	2015-10-24
8	Pre-Amplifier (0.1-26.5GHz)	Compliance Directions Systems Inc.	PAP-0126	SEL0168	2015-10-24
9	Horn Antenna (18-26GHz)	ETS-LINDGREN	3160	SEL0076	2015-10-24
10	Band filter	Amindeon	Asi 3314	SEL0094	2015-05-16
11	Active Loop Antenna	Beijing Daze	ZN30900A	SEL0097	2015-10-24



Report No.: SZEM140900543801

Page: 8 of 17

R	RE in chamber(10m)								
EMC0522	EMI Test Receiver	Rohde & Schwarz	ESIB26	100283	2015-04-19				
EMC0056	EMI Test Receiver	Rohde & Schwarz	ESCI	100236	2015-03-03				
EMC0528	RI High frequency Cable	SGS	20 m	N/A	2015-05-09				
EMC2025	Trilog Broadband Antenna 30- 1000MHz	SCHWARZBECK MESS- ELEKTRONIK	VULB 9160	9160-3372	2017-07-14				
EMC0524	Bi-log Type Antenna	Schaffner -Chase	CBL6112B	2966	2016-08-31				
EMC0519	Bilog Type Antenna	Schaffner -Chase	CBL6143	5070	2016-05-04				
EMC2026	Horn Antenna 1-18GHz	SCHWARZBECK MESS- ELEKTRONIK	BBHA 9120D	9120D-841	2016-08-31				
EMC0518	Horn Antenna	Rohde & Schwarz	HF906	100096	2015-07-01				
EMC0521	1-26.5 GHz Pre-Amplifier	Agilent	8449B	3008A01649	2015-03-03				
EMC2065	Amplifier	HP	8447F	N/A	2015-08-25				
EMC0075	310N Amplifier	Sonama	310N	272683	2015-03-03				
EMC0523	Active Loop Antenna	EMCO	6502	42963	2016-03-03				
EMC2041	Broad-Band Horn Antenna (14)15-26.5(40)GHz	SCHWARZBECK MESS- ELEKTRONI	BBHA 9170	9170-375	2017-05-26				
EMC2069	2.4GHz filter	Micro-Tronics	BRM 50702	149	2015-04-19				
EMC0530	10m Semi- Anechoic Chamber	ETS	N/A	N/A	2016-06-05				

	General used equipment							
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Due date (yyyy-mm-dd)			
1	Humidity/ Temperature Indicator	Shanghai	ZJ1-2B	SEL0101	2015-10-24			
2	Humidity/ Temperature Indicator	Shanghai	ZJ1-2B	SEL0102	2015-10-24			
3	Humidity/ Temperature Indicator	Shanghai	ZJ1-2B	SEL0103	2015-10-24			
4	Barometer	ChangChun	DYM3	SEL0088	2015-05-16			

Note: The calibration interval is one year, all the instruments are valid.



Report No.: SZEM140900543801

Page: 9 of 17

## 6 Test Results

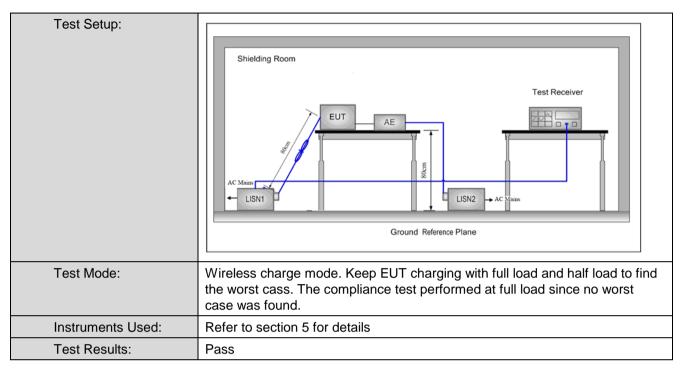
### 6.1 Conducted Emissions

Test Requirement:	47 CFR PART 18					
Test Frequency Range:	150kHz to 30MHz					
Limit:	F (MIL)	Limit (dBuV)				
	Frequency range (MHz)	Quasi-peak	Average			
	0.15-0.5	66 to 56*	56 to 46*			
	0.5-5	56	46			
	5-30	60	50			
	* Decreases with the logarithm	of the frequency.				
Test Procedure:	<ol> <li>The mains terminal disturt room.</li> </ol>	bance voltage test was	s conducted in a shiel	lded		
	2) The EUT was connected to	AC power source thro	ough a LISN 1 (Line			
	Impedance Stabilization No	etwork) which provides	a $50\Omega/50\mu H$ + $5\Omega$ line	ear		
	impedance. The power cal	oles of all other units of	the EUT were			
	connected to a second LIS	N 2, which was bonded	d to the ground			
	reference plane in the sam	e way as the LISN 1 fo	or the unit being			
	measured. A multiple sock	et outlet strip was used	to connect multiple			
	power cables to a single LI	SN provided the rating	of the LISN was not			
	exceeded.					
	3) The tabletop EUT was place	ced upon a non-metallio	c table 0.8m above the	€		
	ground reference plane. Ar	nd for floor-standing ar	rangement, the EUT w	vas		
	placed on the horizontal gr	ound reference plane,				
	4) The test was performed with	th a vertical ground ref	erence plane. The rea	r		
	of the EUT shall be 0.4 m f	from the vertical ground	d reference plane. The	<del>)</del>		
	vertical ground reference p	plane was bonded to the	e horizontal ground			
	reference plane. The LISN	1 was placed 0.8 m fro	om the boundary of the	е		
	unit under test and bonded	I to a ground reference	plane for LISNs			
	mounted on top of the grou	und reference plane. Th	nis distance was			
	between the closest points of the LISN 1 and the EUT. All other unit					
	the EUT and associated ed	quipment was at least (	0.8 m from the LISN 2.			
	5) In order to find the maximum	ım emission, the relativ	re positions of			
	equipment and all of the in	terface cables must be	changed on			
	conducted measurement.					



Report No.: SZEM140900543801

Page: 10 of 17



#### **Measurement Data**

An initial pre-scan was performed on the live and neutral lines with peak detector.

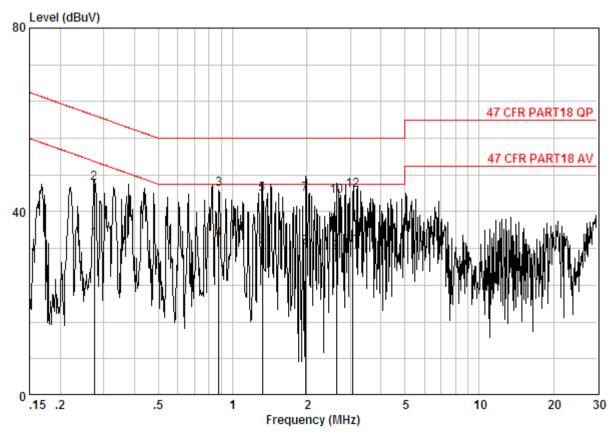
Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.



Report No.: SZEM140900543801

Page: 11 of 17

#### Live Line:



Site : Shielding Room

Condition : 47 CFR PART18 QP CE LINE

Job.No : 5438IT

Mode : Wireless charge mode

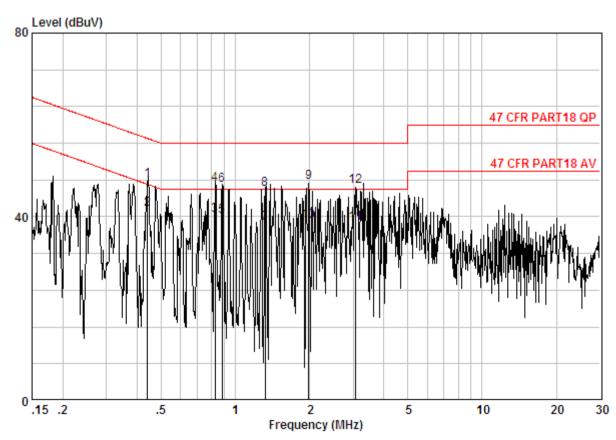
	Freq	Cable Loss	LISN Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	0.27500	0.01	9.70	24.40	34.11	50.92	-16.81	Average
2	0.27500	0.01	9.70	36.40	46.11	60.92	-14.81	QP
3 @	0.87900	0.02	9.80	35.00	44.82	56.00	-11.18	QP
4	0.87900	0.02	9.80	24.20	34.02	46.00	-11.98	Average
5	1.321	0.02	9.80	34.10	43.92	56.00	-12.08	QP
6	1.321	0.02	9.80	22.60	32.42	46.00	-13.58	Average
7	1.977	0.02	9.80	34.10	43.92	56.00	-12.08	QP
8	1.977	0.02	9.80	22.50	32.32	46.00	-13.68	Average
9	2.638	0.02	9.83	21.40	31.25	46.00	-14.75	Average
10	2.638	0.02	9.83	33.50	43.35	56.00	-12.65	QP
11	3.076	0.02	9.85	22.80	32.67	46.00	-13.33	Average
12	3.076	0.02	9.85	34.80	44.67	56.00	-11.33	QP



Report No.: SZEM140900543801

Page: 12 of 17

#### **Neutral Line:**



Site : Shielding Room

Condition : 47 CFR PART18 QP CE NEUTRAL

Job.No : 5438IT

Mode : Wireless charge mode

			Cable	LISN	Read		Limit	Over	
		Freq	Loss	Factor	Level	Level	Line	Limit	Remark
		MHz	dB	dB	dBuV	dBuV	dBuV	dB	
1	@	0.44100	0.01	9.80	38.10	47.91	57.03	-9.12	QP
2	@	0.44100	0.01	9.80	31.80	41.61	47.03	-5.42	Average
3	@	0.82600	0.02	9.80	30.60	40.42	46.00	-5.58	Average
4	@	0.82600	0.02	9.80	37.20	47.02	56.00	-8.98	QP
5	@	0.88200	0.02	9.80	30.20	40.02	46.00	-5.98	Average
6	@	0.88200	0.02	9.80	37.00	46.82	56.00	-9.18	QP
7	@	1.320	0.02	9.80	28.70	38.52	46.00	-7.48	Average
8	@	1.320	0.02	9.80	36.10	45.92	56.00	-10.08	QP
9	@	1.979	0.02	9.80	37.80	47.62	56.00	-8.38	QP
10	@	1.979	0.02	9.80	29.30	39.12	46.00	-6.88	Average
11	@	3.078	0.02	9.85	28.80	38.67	46.00	-7.33	Average
12	0	3.078	0.02	9.85	36.70	46.57	56.00	-9.43	QP



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms\_and\_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms\_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not expense to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only

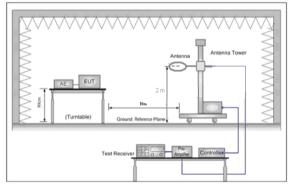


Report No.: SZEM140900543801

Page: 13 of 17

### 6.2 Radiated Emissions

Test Requirement:	47 CFR PART 18						
Test Site:	Measurement Distance: 10m (Semi-Anechoic Chamber)						
Receiver Setup:	Frequency	Detector		RBW		VBW	
	9kHz~150kHz	~150kHz Quasi-peak		200Hz		≥RBW	
	150kHz~30MHz			9kH	łz	≥RBW	
	30MHz~1GHz			Hz	≥RBW		
Limit:	Frequency	Limit (dBuV/m)	Remark  Quasi-peak  Quasi-peak  Quasi-peak		Measurement distance (m)		
	0.009-30MHz	53.0			10		
	30MHz-88MHz	40.0			3		
	88MHz-216MHz	43.5				3	
	216MHz-1000MHz	46.0	Quasi-peak			3	
	Remark:According to the article 18.305(b), The operating frequency is non-ISM frequency;the RF Power generated by equipment is below 500(watts); According to the clause 18.305(c), the EUT belongs to Consumer equipment.						
Test Setup:							



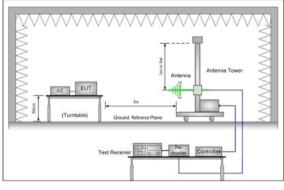


Figure 1. Below 30MHz

Figure 2. 30MHz to 1GHz

<u> </u>		9
Test Procedure:	a.	The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber(30MHz-1000MHz) and 10 meter semi-anechoic chamber(9kHz-30MHz). The table was rotated 360 degrees to determine the position of the highest radiation.
	b.	The EUT was set 3 meters (30MHz-1000MHz) and 10 meter (9kHz-30MHz) away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
	C.	Above 30MHz:The Analyzer/Receiver scanned from 30MHz to 1000MHz.The antenna height 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.
	d.	Below 30MHz: The Analyzer/Receiver scanned from 9kHz to 30MHz.The antenna height is 2 meters above the ground to determine the maximum value of the field strength.
	e.	For each suspected emission, the EUT was arranged to its worst case
This document is issued by the Company subject to its	General	Conditions of Service printed overleaf, available on request or accessible at www.sqs.com/terms, and, conditions btm and, for electronic

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms\_and\_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms\_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only



Report No.: SZEM140900543801

Page: 14 of 17

Test Results:	Pass			
Instruments Used:	Refer to section 5 for details			
	case was found.			
	the worst cass. The compliance test performed at full load since no worst			
Test Mode:	Wireless charge mode. Keep EUT charging with full load and half load to find			
	Remark: x replace the number 10,30,300.			
	Limit10m(dBuV)=Limitxm(dBuV)+20log(xm/3m)			
	At frequencies below 30MHz:			
	Limit3m(dBuV)=Limitxm(dBuV)+20log(xm/3m)			
	At frequencies at or above 30MHz:			
	According to the clause 18.305(c)notes 2.			
	i. Measurement Requirement:			
	h. Repeat above procedures until all frequencies measured was complete.			
	g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.			
	f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.			
	and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 2 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.			

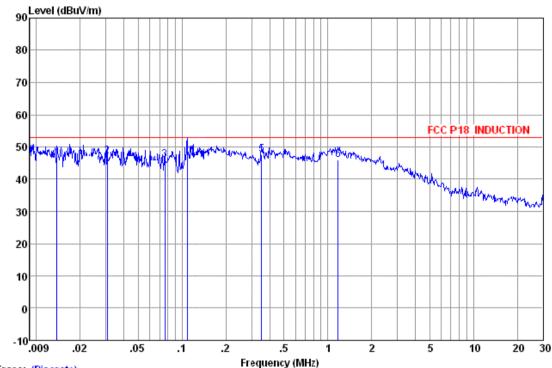


Report No.: SZEM140900543801

Page: 15 of 17

#### 0.009MHz-30MHz





Trace: (Discrete)
Site : SGS

Condition : FCC P18 INDUCTION 10m 0.6M LOOP E
Remark : Level=Read Level + Cable loss
: + Antenna Factor - Preamp factor

	Freq	ReadAntenna Level Factor		Cable Preamp Loss Factor				0ver Limit	Remark
	MHz	dBu√	dB/m	dB	dB	dBu∀/m	dBu∀/m	dB	
1	0.014	60.47	16.90	0.01	31.21	46.17	53.06	-6.89	QP
2	0.031	63.44	14.90	0.05	31.25	47.14	53.06	-5.92	QP
3	0.076	64.39	12.90	0.04	31.30	46.03	53.06	-7.03	QP
4	0.110	66.84	12.90	0.04	31.30	48.48	53.06	-4.58	QP
5	0.352	65.99	12.69	0.08	31.28	47.48	53.06	-5.58	QP
6	1.179	64.40	12.76	0.11	31.17	46.10	53.06	-6.96	QP

### Remark:

1:The loop antenna rotated about both Vertical and Horizontal to find the maximum emission,So only the worst position(Horizontal) was report.

2:According to the clause 2.3 of MP-5:1986, the hightest frequency is 205kHz, So the Range of frequency measurements is 9kHz to 30MHz.



Report No.: SZEM140900543801

Page: 16 of 17

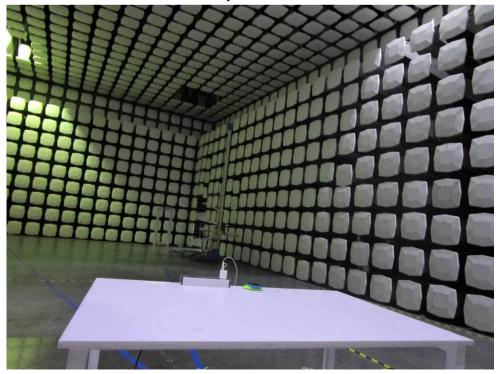
# 7 Photographs

Test Model No.: Wireless charger-Round type

## 7.1 Conducted Emission Test Setup



## 7.2 Radiated Emission Test Setup



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at www.sgs.com/terms\_and\_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms\_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only



Report No.: SZEM140900543801

Page: 17 of 17

### 7.3 EUT Constructional Details

The detailed internal and external Photo see:

Appendix A - Photographs of EUT Constructional Details