TEST REPORT

Applicant:	Kintec Digital Co.,Ltd
FCC ID:	PXY- KQI-U02
Product Name:	Wireless Charging
Model No.:	KQI-U02, QIFAST1COIL-RO
Trade mark:	N/A
Standards:	KDB 680106 D01v02.
Date of Receipt:	2016-08-10
Date of Test:	2016-08-11 to 2016-09-16
Date of Issue:	2016-09-16
Test Result :	**Pass***
Prepared By:	
	Most Technology Service Co., Limited
	Add. : No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park, Nanshan, Shenzhen, Guangdong, China

* In the configuration tested, the EUT detailed in this report complied with the standards specified above. Please refer to section 2 of this report for further detail.

This device described above has been tested by Most Technology Service Co., Limited, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.
*This test report must not be used by the client to claim product endorsement by any agency of the U.S. government.

Reviewed by: Tammy **Approved by:**

1 Version

Revision Record				
Version	**Chapter**	**Date**	**Modifier**	**Remark**
00	--	2016-09-16	--	Original

2 Content

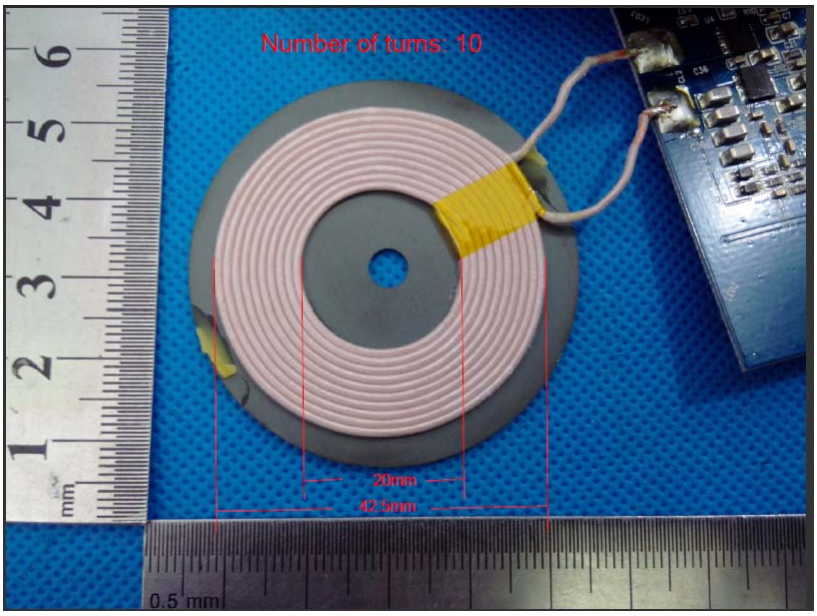
3 General Information

3.1 Client Information

Applicant:	Kintec Digital Co.,Ltd
Address of Applicant:	8F, Jinye Building , NO.306 , ChangQing South Road , Chang'An , Dong Guan City, China

3.2 General information description

Equipment under test	Wireless Charging
Model name	KQI-U02
Frequency Range	110 KHz to 205 KHz
Antenna type	Internal type(Coil antenna)
Power source	5V DC
Coil diameters	42.5mm (outer), 20mm (inner)



Coil number of turns	10 turns
Coil Current	Maximum 2A

3.3 Test frequency

	Frequency Range
Frequency (KHz)	110 KHz to 205 KHz

3.4 Description of Support Units

The EUT has been tested with simulate receiver, resistor and adapter provided by applicant.

3.5 Deviation from Standards

None.

3.6 Abnormalities from Standard Conditions

None.

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4 Equipment Used during Test

No	Test Equipment	Manufacturer	Model No	Serial No	Cal. Date	Cal. Due Date
1	EMI Measuring Receiver	R&S	ESR	101660	2016.06.29	2017.06.28
2	Low Noise Pre Amplifier	Tsj	MLA-10K01-B01-27	1205323	2016.06.29	2017.06.28
3	TRILOG Super Broadband test Antenna	SCHWARZBECK	VULB9160	3206	2016.06.29	2017.06.28
4	50Ω Coaxial Switch	Anritsu	MP59B	6200264416	2016.06.29	2017.06.28
5	EMI Test Receiver	R&S	ESCI	100124	2016.06.29	2017.06.28
6	LISN	Kyoritsu	KNW-242	8-837-4	2016.06.29	2017.06.28
7	LISN	Kyoritsu	KNW-407	8-1789-3	2016.06.29	2017.06.28
8	50Ω Coaxial Switch	Anritsu	MP59B	6200264417	2016.06.29	2017.06.28
9	Radiated Cable 1# (30MHz-1GHz)	FUJIKURA	5D-2W	01	2015.12.25	2016.12.24
10	Radiated Cable 2# (1GHz -25GHz)	FUJIKURA	10D2W	02	2015.12.25	2016.12.24
11	Conducted Cable 1#(9KHz-30MHz)	FUJIKURA	1D-2W	01	2015.12.25	2016.12.24
12	Passive Loop	ETS	6512	00165355	2016.06.29	2017.06.28
13	DMM	Fluke	73	70681569	2016.06.29	2017.06.28
14	DMM	Fluke	73	70671122	2016.06.29	2017.06.28
15	Electric Field Probe	WANDEL& GOLTERMANN	EMR-20	M-0063	2016.06.29	2017.06.28

5 Environmental evaluation and exposure limit according to FCC CFR 47 Part 1.1307(b), 1.1310

5.1 Limits for Maximum Permissible Exposure (MPE)

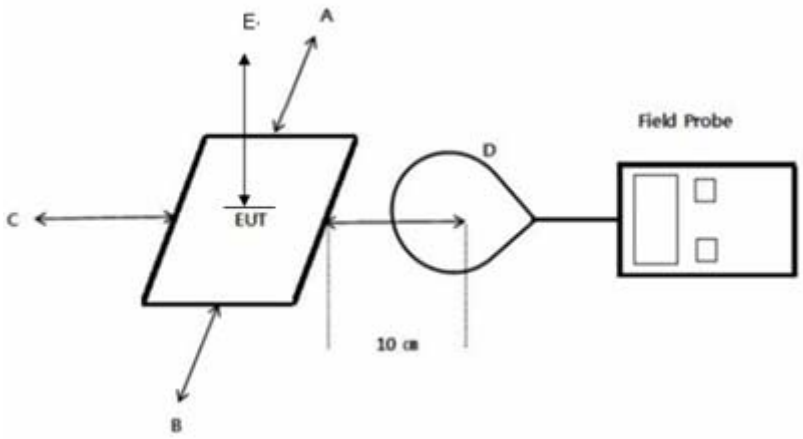
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm^2)	Average Time (minutes)
(A) Limits for Occupational / Control Exposures				
0.3-3.0	614	1.63	*(100)	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30

"*" means Plane-wave equivalent power density

5.2 Test mode

Mode	Description
Charging mode With load	Using Max load
	Using Mid load
	Using Min load
Standby mode	No load

5.3 Test Setup



1. The test was performed on 360 degree turn table in anechoic chamber.
2. The probe was placed at distance 10 cm which is between the edge of the charger and the geometric centre of the probe.
3. The highest emission level was recorded and compared with limit as soon as measurement of each point; A, B, C, D, E, F completed.
4. The EUT was measured according to the KDB 680106 D01v02.

5.4 Test results

5.4.1 E-Field Strength at 10 cm from each edges the EUT (Pad type)

Test Mode	Frequency Range(KHz)	Position A (V/m)	Position B (V/m)	Position C (V/m)	Position D (V/m)	Position E (V/m)	Position F (V/m)	Limits (V/m)
Charging mode With load (Max)	110 KHz to 205 KHz	0.54	0.35	0.57	0.35	0.64	0.56	614
Charging mode With load (Mid)	110 KHz to 205 KHz	0.38	0.86	0.34	0.75	0.60	0.76	614
Charging mode With load (Min)	110 KHz to 205 KHz	0.61	0.42	0.53	0.68	0.85	0.77	614
Standby mode (Not charging)	110 KHz to 205 KHz	0.79	0.63	0.51	0.25	0.63	0.76	614

5.4.2 H-Field Strength at 10 cm from each edges the EUT (Pad type)

Test Mode	Frequency Range(KHz	Position A (A/m)	Position B (A/m)	Position C (A/m)	Position D (A/m)	Position E (A/m)	Position F (A/m)	Limits (A/m)
Charging mode With load (Max)	110 KHz to 205 KHz	0.35	0.35	0.76	0.86	0.43	0.56	1.63
Charging mode With load (Mid)	110 KHz to 205 KHz	0.62	0.75	0.68	0.77	0.86	0.48	1.63
Charging mode With load (Min)	110 KHz to 205 KHz	0.89	0.86	0.54	0.52	0.47	0.75	1.63
Standby mode (Not charging)	110 KHz to 205 KHz	0.47	0.64	0.53	0.44	0.63	0.80	1.63

6 Photographs

6.1 . Test setup photo

Position A

Position B

Position C

Position D

Position E

Position F

--End of Report--