

Test Report

Report No.: MTi180613E053

Date of issue: June 13, 2018

Sample Description: Wireless 5W charging pad made from ABS

Model(s): P308.84, P308.841, P308.843, P308.844, P308.845

Applicant:

Address:

Date of Test: June 04, 2018 - June 13, 2018

Shenzhen Microtest Co., Ltd.
<http://www.mtitest.com>



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TEST RESULT CERTIFICATION	
Applicant's name:	
Address:	
Manufacture's Name:	
Address:	
Product description	
Product name:	Wireless 5W charging pad made from ABS
Trademark:	N/A
Model name:	P308.84, P308.841, P308.843, P308.844, P308.845
Standards:	EN 62311: 2008

This device described above has been tested by Shenzhen Microtest Co., Ltd. and the test results show that the equipment under test (EUT) is in compliance with the RED requirements. And it is applicable only to the tested sample identified in the report.

Tested by:

Demi Mu

Demi Mu

June 13,2018

Reviewed by:

Blue Zheng

Blue Zheng

June 13,2018

Approved by:

Smith Chen

Smith Chen

June 13,2018

1. General description

1.1 Feature of equipment undertest (EUT)

Product name:	Wireless 5W charging pad made from ABS
Model name:	P308.84
Serial Model:	P308.841, P308.843, P308.844, P308.845
Deference in serial model	The wireless module used in the product is the same, Just different colors.
Power source:	DC 5V from adapter
Adapter information:	N/A

1.2 Testing site

Test laboratory:	Shenzhen Microtest Co., Ltd.
Laboratory location:	No.102A & 302A, East Block, Hengfang Industrial Park, Xingye Road, Xixiang, Bao'an District, Shenzhen, Guangdong, China
Telephone:	(86-755)88850135
Fax:	(86-755)88850136

2. EN 62311 requirement

2.1 General information

The essential requirements of Directive 99/5/ec in the article 3.1(a) and the limits must be taken from Council Recommendation 99/519/EC for General Population or from the ICNIRP Guidelines for Occupational Exposure, EN 62311:2008 Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz – 300 GHz).

2.2 Limits

Reference levels for electric, magnetic and electromagnetic fields (0Hz to 300GHz)

Frequency range	E-field strength (V/m)	H-field strength (A/m)	B-field (μT)	Equivalent plane wave power density S_{eq} (W/m ²)
0-1Hz	-	3.2×10^4	4×10^4	-
1-8Hz	10000	$3.2 \times 10^4 / f^2$	$4 \times 10^4 / f^2$	-
8-25Hz	10000	$4000 / f$	$5000 / f$	-
0.025-0.8kHz	$250 / f$	$4 / f$	$5 / f$	-
0.8-3kHz	$250 / f$	5	6.25	-
3-150kHz	87	5	6.25	-
0.15-1MHz	87	$0.73 / f$	$0.92 / f$	-
1-10MHz	$87 / f^{1/2}$	$0.73 / f$	$0.92 / f$	-
10-400MHz	28	0.073	0.092	2
400-2000MHz	$1.375 f^{1/2}$	$0.037 f^{1/2}$	$0.0046 f^{1/2}$	$f / 200$
2-300GHz	61	0.16	0.2	10

Note:

(1) As indicated in the frequency range column.

(2) For frequencies between 100 kHz and 10GHz, Seq, E2, H2 and B2 are to be averaged over any six-minute period.

(3) For frequencies exceeding 10GHz, Seq, E2, H2 and B2 are to be averaged over any 68/1.05-minute period (.in GHz).

(4) No E-field value is provided for frequencies <1Hz, which are effectively static electric fields. For most people the annoying perception of surface electric charges will not occur at field strengths less than 20kV/m. Spark discharges causing stress or annoyance should be avoided.

2.3 Result

Frequency (KHz)	E-field strength (V/m)	d(cm)	Limit E-field strength (V/m)	Result
110-205	0.536	20	87	Pass

Note:

1. Limit: $0.73/f=0.0036$

----END OF REPORT----