Microtest
微测检测

Test Report

Report No.: MTi180907E038

Date of issue: Sept. 08, 2018

Sample Description:	Wireless 5W charging pad made from ABS
Model(s):	P308.84, P308.841, P308.843, P308.844, P308.845, P308.629, E-QI-184342-A2
Applicant:	
Address:	
Date of Test:	June 04, 2018 - June 13, 2018

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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, P308.629, E-QI-184342-A2
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 June 13,2018

Reviewed by: Blue Zheng June 13,2018

Approved by: 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, P308.629, E-QI-184342-A2
Deference in serial model	The wireless module used in the product is the same, just different in appearance and color.
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
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2. EN 62311requirement

2.1 General information

The essential requirements of Directive 99/5/ec in the article 3.1(a) and the limits must be takenfrom Council Recommendation 99/519/EC for General Population or from the ICNIRP Guidelinesfor Occupational Exposure, EN 62311:2008 Assessment of electronic and electrical equipmentrelated 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	$3.2\times10^4/f^2$	$4\times10^4/f^2$	-
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	$1.375\ f^{1/2}$	$0.037f^{1/2}$	$0.0046f^{1/2}$	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 overany 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 fieldstrengths 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----