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Microtest
微测检测

Test Report

Report No.: MTi19070103-5E3

Date of issue: July 22, 2019

Sample Description:	Encore 8.000 mAh wireless charging powerbank
Model(s):	P324.59
Applicant:	
Address:	
Date of Test:	July 01, 2019 - July 09, 2019

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

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Tel:(86-755)88850135 Fax: (86-755) 88850136 Web: http://www.mtitest.com E-mail: mti@51mti.com
Address: No.102A & 302A, East Block, Hengfang Industrial Park, Xingye Road, Xixiang, Bao'an District, Shenzhen, Guangdong, China

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TEST RESULT CERTIFICATION	
Applicant's name:	
Address:	
Manufacture's name:	
Address:	
Product name:	Encore 8.000 mAh wireless charging powerbank
Trademark:	N/A
Model name:	P324.59
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 July 09, 2019

Reviewed by: Blue Zheng July 22, 2019

Approved by: Smith Chen July 22, 2019

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1. General description

1.1 Feature of equipment under test (EUT)

Product name:	Encore 8.000 mAh wireless charging powerbank
Model name:	P324.59
Serial Model:	N/A
Deference in serial model	N/A
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

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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 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	$3.2\times10^4/f^2$	$4\times10^4/f^2$	-
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 field strengths less than 20kV/m. Spark discharges causing stress or annoyance should be avoided.

2.3 Result

Frequency (KHz)	d(cm)	Max E-field strength (V/m)	E-field strength (V/m)	Result
110-205	20	0.0350	87	Pass

----END OF REPORT----

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