EMTEK
Access to the World

THE TEST REPORT

For

Home speaker with wireless charger

Model No.: P328.12X, SL218

Prepared for :
Address :

Prepared by : EMTEK(SHENZHEN) CO., LTD
Address : Bldg 69, Majialong Industry Zone, Nanshan District,
Shenzhen, Guangdong, China

Tel : 86-755-26954280
Fax : 86-755-26954282

Report No. : ES180717004H2
Date of Test : July 17, 2018 to August 16, 2018
Date of Report : August 17, 2018

TABLE OF CONTENT

Description Page

TEST REPORT DESCRIPTION

Applicant	:	
EUT	:	
Model No.	:	P328.12X, SL218 (Note: These models are same except model number and appearance, here P328.12X was selected for full test.)
Input Rating	:	DC 5V from Adapter
Power Supply for Test		DC 5V from Adapter

Test Procedure Used:

EN 62479: 2010

The device described above is tested by EMTEK(SHENZHEN) CO., LTD. To determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. This report shows the EUT to be technically compliant with the EN 62479: 2010 requirements. The test results are contained in this report and EMTEK(SHENZHEN) CO., LTD. Is assumed full responsibility for the accuracy and completeness of these tests.

This report applies to above tested sample only and shall not be reproduced in part without written approval of EMTEK(SHENZHEN) CO., LTD.

Date of Test : July 17, 2018 to August 16, 2018

Prepared by : Yaping Shen/Editor

Reviewer : Joe Xia/Supervisor

Approved & Authorized Signer : Lisa Wang/Manager

Modified Information

Version	Summary	Revision Date	Report No.
Ver.1.0	Original Report	/	ES180717004H2

1. GENERAL INFORMATION

1.1 Description of Device (EUT)

EUT	:	Home speaker with wireless charger
Model Number	:	P328.12X
Trademark	:	N/A
Applicant	:	
Address	:	
Manufacturer	:	
Address	:	
Date of received	:	July 17, 2018
Date of Test	:	July 17, 2018 to August 16, 2018

1.2 Test Facility

Site Description

EMC Lab. : Accredited by CNAS, 2016.10.24
The certificate is valid until 2022.10.28
The Laboratory has been assessed and proved to be in compliance with CNAS-CL01:2006 (identical to ISO/IEC 17025:2005)
The Certificate Registration Number is L2291.

Accredited by TUV Rheinland Shenzhen 2016.5.19
The Laboratory has been assessed according to the requirements ISO/IEC 17025.

Accredited by FCC, August 03, 2017
Designation Number: CN1204
Test Firm Registration Number: 882943

Accredited by Industry Canada, November 24, 2015
The Certificate Registration Number is 4480A.

Accredited by A2LA, July 31, 2017
The Certificate Number is 4321.01.

Name of Firm : EMTEK(SHENZHEN) CO., LTD.

Site Location : Bldg 69, Majialong Industry Zone District, Nanshan District, Shenzhen, China

2. GENERAL PRODUCT INFORMATION

2.1 Product Function and Intended Use

The submitted sample is wireless transceiver includes transmitter and receiver.

2.2 Ratings and System Details

		Transceiver
Frequency Range	:	175KHz
Number of Channels	:	1
Power Supply	:	DC 5V from Adapter
Protection Class	:	III

3. EN 62479 REQUIREMENT

3.1 General Description of Applied Standards

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz).

3.2 Human exposure to the Electromagnetic fields

This International Standard provides simple conformity assessment methods for low-power electronic and electrical equipment to an exposure limit relevant to electromagnetic fields (EMF). If such equipment cannot be shown to comply with the applicable EMF exposure requirements using the methods included in this standard for EMF assessment, then other standards, including IEC 62311 or other (EMF) product standards, may be used for conformity assessment.

3.3 RF Exposure Evaluation

3.3.1 Limit:

According to EN 62479 clause 4.2 Low-power electronic and electrical equipment is deemed to comply with the provisions of this standard if it can be demonstrated using routes B, C or D that the available antenna power and/or the average total radiated power is less than or equal to the applicable low-power exclusion level Pmax.
P max = 20 mW (13 dBm) according to ICNIRP guidelines, since the EUT is General public used.
Remark:
B: The input power level to electrical or electronic components that are capable of radiating electromagnetic energy in the relevant frequency range is so low that the available antenna power and/or the average total radiated power cannot exceed the low-power exclusion level defined in EN 62479 clause 4.2
C: The available antenna power and/or the average total radiated power are limited by product standards for transmitters to levels below the low-power exclusion level defined in EN 62479 clause 4.2
D: Measurements or calculations show that the available antenna power and/or the average total radiated power are below the low-power exclusion level defined in EN 62479 clauses 4.2.

3.3.2 Test result

The EIRP of the EUT are below the max permitted sending level of 20 mW, and then the EUT is not need to conduct SAR measurement.
More details please refer to ES180717004R1.