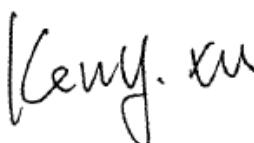


Human Exposure Report

Application No.: SZCR2105020933AT
Applicant: New Audio LLC
Address of Applicant: 132w.31st 7th Floor New York, NY 10001
Manufacturer: New Audio LLC
Address of Manufacturer: 132w.31st 7th Floor New York, NY 10001
Equipment Under Test (EUT):
EUT Name: Inductive Charger
Model No.: MC100
FCC ID: 2AGA7MC100
Standards: 47 CFR PART 1, Subpart I, Section 1.1310
47 CFR PART 2, Subpart J, Section 2.1091
Date of Receipt: 2021-05-08
Date of Test: 2021-05-12 to 2021-06-21
Date of Issue: 2021-06-29

Test Result :	Pass*
----------------------	--------------

* In the configuration tested, the EUT complied with the standards specified above



Keny Xu
EMC Laboratory Manager



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Report No.: SZCR210502093302
Page: 2 of 10

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2021-06-29		Original

Authorized for issue by:			
		Bill Chen/Project Engineer	
		Eric Fu/Reviewer	

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3 General Information

3.1 Details of E.U.T.

Power supply:	Input: DC 5V/1.5A and 9V 1.5A Wireless Output:5W, 7.5W and 10W
Cable(s):	Type C cable:97cm unshielded
Operation frequency:	112.2kHz to 149.4kHz
Modulation type:	Load modulation
Antenna type:	Loop Antenna
S/N:	Black: CBBGGCG1E0004 White: CBBGGCG1E0020
Remark:	This device has been tested the worst status of full load and the device has been tested with load at 5W, 7.5W and 10W, the worst case 10W is reported only.

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3.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Adapter	SAMSUNG	EP-TA200	REF. No.SEA05K01F
iPhone 8	Apple	A1863	REF. No.SEA16J00
Mobile Phone	SAMSUNG	SM-G9810	REF. No.SEA16K00
E-loading	SGS	N/A	REF. No.SEA42A00

3.3 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch E&E Lab,
No. 1 Workshop, M-10, Middle section, Science & Technology Park, Shenzhen, Guangdong, China
518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

3.4 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• **A2LA (Certificate No. 3816.01)**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

• **VCCI**

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

• **FCC –Designation Number: CN1178**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1178. Test Firm Registration Number: 406779.

• **Innovation, Science and Economic Development Canada**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

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3.5 Deviation from Standards

None.

3.6 Abnormalities from Standard Conditions

None.

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4 Equipments Used during Test

Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Due date
1	Electric and Magnetic Field Analyzer	Narda	EHP-50F	EMC092	2021-11-26

5 Test Results

5.1 RF Exposure test

Test Requirement: 47 CFR PART 1, Subpart I, Section 1.1310
47 CFR PART 2, Subpart J, Section 2.1091

Measurement Distance: 15cm

Limit:

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	6
30-300	61.4	0.163	1.0	6
300-1500	/	/	f/300	6
1500-100,000	/	/	5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	f/1500	30
1500-100,000	/	/	1.0	30

F=frequency in MHz

*=Plane-wave equivalent power density

RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules.

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The emissions should be within the limits at 300kHz in Table 1 of 1.1310(use the 300kHz limits for 150kHz:614V/m,1.63A/m).

5.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22.3 °C Humidity: 52.9 % RH Atmospheric Pressure: 1015 mbar

This device has been tested the worst status of full load and the device has been tested with mobile phone at zero charge, intermediate charge, and full charge.

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5.1.2 Measurement Data**Output Voltage=DC 9V; The max output power =10W****Magnetic Field Emissions**

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result (A/m)	50% Limit (A/m)
135 kHz	15	Side 1	0.0194	0.815
		Side 2	0.0175	0.815
		Side 3	0.0169	0.815
		Side 4	0.0161	0.815
		Top	0.0147	0.815

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Mobile phone has been charge at zero charge, intermediate charge, and full charge.**Magnetic Field Emissions**

Operation frequency	Test Distance (cm)	Test Position	Probe Measure Result(A/m)			50%Limit (A/m)
			zero charge	intermediate charge	full charge	
135 kHz	15	Side 1	0.0210	0.0180	0.0152	0.815
		Side 2	0.0194	0.0158	0.0142	0.815
		Side 3	0.0179	0.0151	0.0139	0.815
		Side 4	0.0174	0.0147	0.0124	0.815
		Top	0.0153	0.0130	0.0117	0.815

- End of the Report -

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