TCT 通测检测 TESTING CENTRE TECHNOLOGY

RF exposure evaluation

FCC ID: 2AT2J-MH21902

Product: Monster Bluetooth Headphones

Model No.: MH21902

Additional Model No.: N/A

Trade Mark: MONSTER

Report No.: TCT190716E031

Issued Date: Aug. 06, 2019

Issued for:

SHENZHEN JMT TECH LTD.

3F, Building 3, Jinfo Industrial Park, Hezhou Village, Hangcheng Street, Bao'an District, Shenzhen, China

Issued By:

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1. Test Certification

Product:	Monster Bluetooth Headphones
Model No.:	MH21902
Additional Model No.:	N/A
Trade Mark:	**MONSTER**
Applicant:	SHENZHEN JMT TECH LTD.
Address:	3F, Building 3, Jinfo Industrial Park, Hezhou Village, Hangcheng Street, Bao'an District, Shenzhen, China
Manufacturer:	Shenzhen Ouni Technology Co., Ltd.
Address:	Room A502, Jisheng Bldg., #1049 Minzhi Road, Minzhi street, Longhua Area, Shenzhen, Guangdong Province, China.
Date of Test:	Jul. 17, 2019 – Aug. 05, 2019

The above equipment has been tested by Shenzhen Tongce Testing Lab. and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Tested By:	Brave Zeng	***Date:***	***Aug. 05, 2019***
Reviewed By:	Beryl Zhao	***Date:***	***Aug. 06, 2019***
Approved By:	Tomsin	***Date:***	***Aug. 06, 2019***

2. EUT Description

Product:	Monster Bluetooth Headphones
Model No.:	MH21902
Additional Model No.:	N/A
Trade Mark:	**MONSTER**
Hardware Version:	V1.0
Software Version:	V5.0
Operation Frequency:	2402MHz~2480MHz
Modulation Type:	GFSK, π/4-DQPSK, 8DPSK
Modulation Technology:	FHSS
Antenna Type:	Internal Antenna
Antenna Gain:	1.2dBi
Power Supply:	Rechargeable Li-ion Battery DC 3.7V

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3. General Information

3.1. Test environment and mode

Item	Normal condition
Temperature	+25ºC
Voltage	DC 3.7V
Humidity	56%
Atmospheric Pressure:	1008 mbar
Test Mode:	
Bluetooth Mode:	**Keep the EUT in transmitting mode with modulation.**

3.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Equipment	Model No.	Serial No.	FCC ID	Trade Name
/	/	/	/	/

Note:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.

2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

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4. Test Results and Measurement Data

§2.1093 Radiofrequency radiation exposure evaluation: Portable Devices.

According to§15.247(i) and§1.1307b(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the commission's guidance.

The 1-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- When the minimum test separation distance is < 5 mm, a distance of 5 mm according is applied to determine SAR test exclusion.
- The result is rounded to one decimal place for comparison

Channel	Frequency (GHz)	Max. Power (dBm)	Tune up Power (dBm)	Max. Tune up Power (dBm)	Max. Tune up Power (mW)	Test distance (mm)	Result	exclusion thresholds for 1-g SAR
CH 00	2.402	3.69	3±1	4.00	2.51	5	0.78	3.0

Result:
Base on the calculation value, No SAR measurement is required.

********END OF REPORT********

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