

RF EXPOSURE REPORT

FOR

Applicant	:	INMUSIC BRANDS INC
Address	:	200 SCENIC VIEW DRIVE, SUITE 201, CUMBERLAND, Rhode Island, United States
Equipment under Test	:	Battery-powered performance PA
Model No.	:	ÚBER
Trade Mark	:	Alto Professional
FCC ID	:	Y4O-TXP6
IC	:	11215A-TXP6
Manufacturer	:	INMUSIC BRANDS INC
Address	:	200 SCENIC VIEW DRIVE, SUITE 201, CUMBERLAND, Rhode Island, United States

Issued By: Dongguan Dongdian Testing Service Co., Ltd.

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REPORT

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TEST REPORT DECLARE

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Standard Used: KDB447498 D01 General RF Exposure Guidance v06

We Declare:

The equipment described above is assessed by Dongguan Dongdian Testing Service Co., Ltd and in the configuration assessed the equipment complied with the standards specified above. The assessed results are contained in this report and Dongguan Dongdian Testing Service Co., Ltd is assumed of full responsibility for the accuracy and completeness of these assess.

After evaluation, our opinion is that the equipment In Accordance with above standard.

Report No.:	DDT-RQ170615-05-02E7		
Date of Receipt:	Aug. 08, 2017	Date of Test:	Aug. 08, 2017~Aug. 22, 2017

Prepared By:

Approved By:



Damon Hu/Engineer

Kevin Feng/EMC Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Dongguan Dongdian Testing Service Co., Ltd.

1. General information

1.1. Description of Equipment

EUT* Name	: Battery-powered performance PA
Model Number	: ÜBER
EUT function description	: Please reference user manual of this device
Power supply	: AC 100-240V, 50/60Hz or DC 12V from built-in battery
Radio Specification	: Bluetooth V4.0
Operation frequency	: 2402MHz -2480MHz
Modulation	: GFSK, $\pi/4$ DQPSK, 8-DPSK
Data rate	: 1Mbps, 2Mbps, 3Mbps
Antenna Type	: Copper tube Antenna, maximum PK gain: 2dBi
Sample Type	: Series production

1.2. Assess laboratory

Dongguan Dongdian Testing Service Co., Ltd

Add: No. 17, Zongbu Road 2, Songshan Lake Sci&Tech, Industry Park, Dongguan City, Guangdong Province, China, 523808 Tel: +86-0769-89201699 Email: ddt@dgddt.com <http://www.dgddt.com>

2. RF Exposure evaluation for FCC

According to 447498 D01 General RF Exposure Guidance v05

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$$\left[\frac{(\text{max. power of channel, including tune-up tolerance, mW})}{(\text{min. test separation distance, mm})} \right] \cdot \left[\sqrt{f(\text{GHz})} \right] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where:}$$

$f(\text{GHz})$ is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation

The result is rounded to one decimal place for comparison

Worse case is as below: [2480MHz, 5.32dBm (3.400mW) output power]

$(3.40/5) \cdot \left[\sqrt{2.480(\text{GHz})} \right] = 1.07 < 3.0$ for 1-g SAR

Then SAR evaluation is not required

END OF REPORT