Report No.: DDT-R17112415-1E3

Issued Date: Jan. 05, 2018

RF EXPOSURE REPORT

FOR

Applicant	:	Huizhou Kelin Acoustic co,. Ltd
Address	:	30 Meters Road, ShangNan Village Committee,YuanZhou Town, BoLuo County, HuiZhou City, GuangDong Province, P.R.China
Equipment under Test	:	Bluetooth noise reduction headphones
Model No.	:	BN601, BN602, BN603, BN604, BN605, BN606
Trade Mark	:	/
FCC ID	:	2AONT-BN601
Manufacturer	:	Huizhou Kelin Acoustic co,. Ltd
Address	:	30 Meters Road, ShangNan Village Committee,YuanZhou Town, BoLuo County, HuiZhou City, GuangDong Province, P.R.China

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

Add: No. 17, Zongbu Road 2, Songshan Lake Sci&Tech, Industry Park, Dongguan City, Guangdong Province, China, 523808

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TEST REPORT DECLARE

Applicant	:	Huizhou Kelin Acoustic co,. Ltd
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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-R17112415-1E3		
Date of Receipt:	Dec. 15, 2017	**Date of Test:**	Dec. 15, 2017 ~ Jan. 05, 2018

Prepared By: ***Approved By:***

Sam Li

Sam Li/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	:	Bluetooth noise reduction headphones
Model Number	:	BN601, BN602, BN603, BN604, BN605, BN606
Difference of models	:	All models are identical except the appearance, there for the test performed on the model BN601.
EUT function description	:	Please reference user manual of this device
Power supply	:	DC 5V from external AC Adapter DC 3.7V built-in battery
Radio Specification	:	Bluetooth V4.1 (BDR/EDR)
Operation frequency	:	2402MHz -2480MHz
Modulation	:	GFSK, π/4 QPSK, 8-DPSK
Data rate	:	1Mbps, 2Mbps, 3Mbps
Antenna Type	:	Integrated antenna, maximum PK gain: 2.3dBi
Sample Type	:	Series production

1.2. Assess laboratory

Dongguan Dongdian Testing Service Co., Ltd

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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:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] ·[√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity 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

The result is rounded to one decimal place for comparison

EIRP:4.05dBm+2.3dBi=6.35dBm@2441MHz

Worse case is as below: [2441MHz, 6.35dBm (4.32mW) output power]

(4.32/5) ·[√2.441(GHz)]= 1.350<3.0 for 1-g SAR

Then SAR evaluation is not required

END OF REPORT