Report No.: DDT-R17112804-1E7

Issued Date: Feb. 08, 2018

RF EXPOSURE REPORT

FOR

Applicant	:	Guangzhou FiiO Electronics Technology Co, Ltd.
Address	:	2/F, F Building, Hougang Industrial Zone, Shigang Village, Huangshi West Road, Baiyun District, Guangzhou City, China.
Equipment under Test	:	Bluetooth headset
Model No.	:	FB1, RC-BT, FB3, FB5, FB7, EH1, EH3,EH5
Trade Mark	:	FiiO
FCC ID	:	R56-FCIDFB
Manufacturer	:	Guangzhou FiiO Electronics Technology Co, Ltd.
Address	:	2/F, F Building, Hougang Industrial Zone, Shigang Village, Huangshi West Road, Baiyun District, Guangzhou City, 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

Tel: +86-0769-89201699, **E-mail:** ddt@dgddt.com, http://www.dgddt.com

REPORT

TABLE OF CONTENTS

TEST REPORT DECLARE

Applicant	:	Guangzhou FiiO Electronics Technology Co, Ltd.
Address	:	2/F, F Building, Hougang Industrial Zone, Shigang Village, Huangshi West Road, Baiyun District, Guangzhou City, China.
Equipment under Test	:	Bluetooth headset
Model No.	:	FB1, RC-BT, FB3, FB5, FB7, EH1, EH3,EH5
Trade mark	:	FiiO
Manufacturer	:	Guangzhou FiiO Electronics Technology Co, Ltd.
Address	:	2/F, F Building, Hougang Industrial Zone, Shigang Village, Huangshi West Road, Baiyun District, Guangzhou City, China.

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-R17112804-1E7		
Date of Receipt:	Dec. 27, 2017	**Date of Test:**	Dec. 27, 2017 ~ Feb. 08, 2018

Prepared By:

Ella Gong

Ella Gong/Engineer

Approved By:

DONGGUAN DONGDIAN TESTING SERVICE CO.,LTD APPROVED

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.

Revision history

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Feb. 08, 2018	

1. General information

1.1. Description of Equipment

EUT* Name	:	Bluetooth headset
Model Number	:	FB1, RC-BT, FB3, FB5, FB7, EH1, EH3,EH5
Difference of Model	:	FB1, RC-BT, FB3, FB5, FB7, EH1, EH3,EH5, all models have the same Antenna shape, circuit diagram and RF module, but only difference on appearance and color. There for the test performed on the model FB1.
EUT function description	:	Please reference user manual of this device
Power supply	:	DC 5V from external AC Adapter DC 3.7V 110mAh(55mAhx2) Polymer Li-ion built-in battery
Radio Specification	:	Bluetooth V4.1
Operation frequency	:	2402MHz -2480MHz
Modulation	:	GFSK, π/4-DQPSK, 8DPSK
Data rate	:	1Mbps, 2Mbps, 3Mbps
Antenna Type	:	Chip antenna, maximum PK gain: 2.66dBi
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, http://www.dgddt.com, Email: ddt@dgddt.com

2. RF Exposure evaluation for FCC

According to 447498 D01 General RF Exposure Guidance v06

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

Worse case is as below: [2480MHz,3.51dBm (2.24mW) output power]

(2.24/5) ·[√2.480(GHz)]= 0.706<3.0 for 1-g SAR

Then SAR evaluation is not required.

END OF REPORT