



1 Cover Page

RF Exposure REPORT

Application No.: SHEM2003001531CR
FCC ID: 2ATA8-BIO-06A
Applicant: Ningbo Medkinetic Medical Device Co., Ltd.
Address of Applicant: Lushan West Road 167-8, Ningbo Free Trade Zone(South), 315806 Ningbo
Manufacturer: Ningbo Medkinetic Medical Device Co., Ltd.
Address of Manufacturer: Lushan West Road 167-8, Ningbo Free Trade Zone(South), 315806 Ningbo
Factory: Ningbo Medkinetic Medical Device Co., Ltd.
Address of Factory: Lushan West Road 167-8, Ningbo Free Trade Zone(South), 315806 Ningbo
Equipment Under Test (EUT):
EUT Name: Biofeedback Probe
Model No.: BIO-06A
Standard(s) : FCC Rules 47 CFR §2.1093
KDB447498 D01 General RF Exposure Guidance v06
Date of Receipt: 2020-03-10
Date of Test: 2020-04-18 to 2020-04-23
Date of Issue: 2020-04-26

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.

Parlam Zhan

Parlam Zhan
E&E Section Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.



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Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Testing Center E&E (Shanghai) Co., Ltd.

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Revision Record			
Version	Description	Date	Remark
00	Original	2020-04-26	/

Authorized for issue by:				
				
		Micheal Niu / Project Engineer		
				
		Parlam Zhan /Reviewer		



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3 General Information

3.1 General Description of E.U.T.

Power supply:	Rechargeable 3.7V Lithium-Polymer Battery 200 mAh
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3.2 Details of E.U.T.

Antenna Gain:	0.5dBi
Antenna Type:	Ceramic Antenna
Bluetooth Version:	V4.2 LE
Channel Spacing:	2MHz
Modulation Type:	GFSK
Number of Channels:	40
Operation Frequency:	2402MHz to 2480MHz



3.3 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd. Shanghai Branch

588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China.

Tel: +86 21 6191 5666

Fax: +86 21 6191 5678

3.4 Test Facility

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

- **CNAS (No. CNAS L0599)**

CNAS has accredited SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

- **NVLAP (LAB CODE: 201034-0)**

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

- **FCC (Designation Number: CN5033)**

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been recognized as an accredited testing laboratory.

- **ISED (CAB Identifier: CN0020)**

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. EMC Laboratory has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

- **VCCI (Member No.: 3061)**

The 3m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-13868, C-14336, T-12221, G-10830 respectively.



4 Test Standards and Limits

4.1 FCC Radiofrequency radiation exposure limits

When the aggregate of the maximum power available at the antenna port and radiating structures of an implanted transmitter, under all operating circumstances, is ≤ 1.0 mW, SAR test exclusion may be applied.

5 Measurement and Calculation

5.1 Maximum transmit power

The Power Data is based on the RF Test Report SHEM200300153102.

Test Data:

Test Mode	Test Channel	Power[dBm]	EIRP[dBm]	EIRP[mW]
BLE	2402	-1.413	-0.913	0.81
BLE	2440	-1.573	-1.073	0.78
BLE	2480	-1.513	-1.013	0.79

5.2 RF Exposure Calculation

The Max EIRP power is 0.81mW which is below the max permitted sending level of 1.0mW, and then the EUT is not need to conduct SAR measurement.

--End of the Report--