SGS-CSTC Standards Technical Services
(Shanghai) Co., Ltd.

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1 Cover Page

FCC MPE REPORT

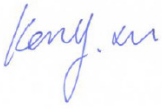
Application No.:	SHEM1501000237CR
Applicant:	Sybercare Technologies Inc.
FCC ID:	2AD8DSCBTM5000
Equipment Under Test (EUT): **NOTE:** The following sample(s) submitted was/were identified on behalf of the client as	
Product Name:	Electronic Thermometer
Model No.(EUT):	SCBTM5000
Standards:	FCC Rules 47 CFR §2.1091 KDB447498 D01 General RF Exposure Guidance
Date of Receipt:	January 26, 2015
Date of Test:	February 09, 2015 to February 13, 2015
Date of Issue:	February 15, 2015
Test Result:	**Pass***

* In the configuration tested, the EUT complied with the standards specified above.

Tony Wu
E&E Section Manager
SGS-CSTC (Shanghai) Co., Ltd.

2 Version

Revision Record				
Version	**Chapter**	**Date**	**Modifier**	**Remark**
00	/	February 15, 2015	/	Original

Authorized for issue by:				
Engineer		Eddy Zong **Print Name**		
Clerk		Susie Liu **Print Name**		
Reviewer		Keny Xu **Print Name**		

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4 General Information

4.1 Client Information

Applicant:	Sybercare Technologies Inc.
Address of Applicant:	2F Jiasunqi Bldg, high-tech industrial, NO.24-9 Shengliqiaodong Rd, Zhangjiakou, China
Manufacturer:	Sybercare Technologies Inc.
Address of Manufacturer:	2F Jiasunqi Bldg, high-tech industrial, NO.24-9 Shengliqiaodong Rd, Zhangjiakou, China
Factory:	Sybercare Technologies Inc.
Address of Factory:	2F Jiasunqi Bldg, high-tech industrial, NO.24-9 Shengliqiaodong Rd, Zhangjiakou, China

4.2 General Description of E.U.T.

Product Description:	Portable product
Power Supply:	DC 3V by button cell
	Supply the EUT with new battery during the testing.

4.3 Details of E.U.T.

Operation Frequency:	2402MHz-2480MHz
Bluetooth Version:	4.0 Single mode
Modulation Type:	GFSK
Number of Channel:	40
Antenna Type	Integral
Antenna Gain	3dBi

4.4 Test Location

All tests were performed at SGS E&E EMC lab

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

No.588 West Jindu Road, Songjiang District, Shanghai, China. 201612.

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4.5 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 17025:2005 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. Date of expiry: 2017-07-14.

- **FCC – Registration No.: 402683**

  SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered and fully described in a report filed with the Federal Communications Commission (FCC). The acceptance letter from the FCC is maintained in our files. Registration No.: 402683, Expiry Date: 2017-09-16.

- **Industry Canada (IC) – IC Assigned Code: 8617A**

  The 3m Semi-anechoic chamber of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 8617A-1. Expiry Date: 2017-06-18.

- **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-3868 and C-4336 respectively. Date of Registration: 2012-05-29. Date of Expiry: 2015-05-28.

5 Test Standards and Limits

According to§1.1310 Radiofrequency radiation exposure limits:

The limit for general population/uncontrolled exposures

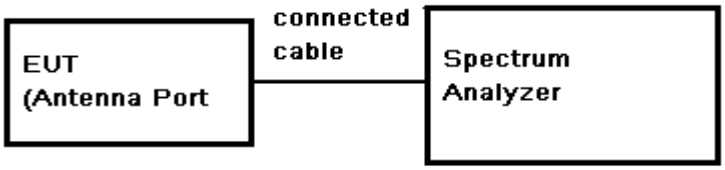
Frequency	Power density(mW/cm^2)	Averaging time(minutes)
300MHz~1.5GHz	f/1500	30
1.5GHz~100GHz	1.0	30

6 Measurement and Calculation

6.1 Maximum transmit power

EUT Operation: Test in fixing frequency operating mode at lowest, middle and highest frequency.

Test Configuration:



Test Data:

Test mode	Channel	Reading Peak Power (dBm)	Cable Loss (dB)	Peak Power (dBm)	Peak Power (mW)	Peak Power Limit (dBm)	Result
GFSK	Low	-9.17	0.5	-8.67	0.14	30	PASS
	Mid	-7.27	0.5	-6.77	0.21	30	PASS
	High	-5.96	0.5	-5.46	0.28	30	PASS

6.2 MPE Calculation

The Max Conducted Peak Output Power is 0.28mW;

The best case gain of the antenna is 3dBi. 3dB logarithmic terms convert to numeric result is nearly 1.995

According to the formula. calculate the EIRP test result:

EIRP= P x G = 0.28 mW x 1.995 = 0.559mW < 10mW

So the SAR report is not required.

7 EUT Constructional Details

Refer to the < SCBTM5000_External Photos > & < SCBTM5000 _Internal Photos>.

--End of the Report--