

# Health Test Report

Report No.: AGC08509200801EH02

**PRODUCT DESIGNATION** : Bluetooth Low Energy Data Transmission Module  
**BRAND NAME** : HOPERF  
**MODEL NAME** : HM-BT2204, HM-BT2201, HM-BT2202, HM-BT2206,  
HM-BT2208, HM-BT2210  
**APPLICANT** : SHEN ZHEN HOPE MICROELECTRONICS CO., LTD  
**DATE OF ISSUE** : Aug. 26, 2020  
**STANDARD(S)** : EN 62479:2010  
**REPORT VERSION** : V1.0

**Attestation of Global Compliance (Shenzhen) Co., Ltd**



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**REPORT REVISE RECORD**

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Aug. 26, 2020	Valid	Initial release

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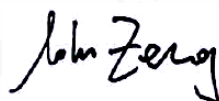


## 1. TEST REPORT CERTIFICATION

<b>Applicant</b>	SHEN ZHEN HOPE MICROELECTRONICS CO., LTD
<b>Address</b>	30th Floor, Block A, Building 8, Vanke Cloud City Phase III, Xili Street, Nanshan District, Shenzhen, GD, P.R. China
<b>Manufacturer</b>	SHEN ZHEN HOPE MICROELECTRONICS CO., LTD
<b>Address</b>	30th Floor, Block A, Building 8, Vanke Cloud City Phase III, Xili Street, Nanshan District, Shenzhen, GD, P.R. China
<b>Factory</b>	SHEN ZHEN HOPE MICROELECTRONICS CO., LTD
<b>Address</b>	30th Floor, Block A, Building 8, Vanke Cloud City Phase III, Xili Street, Nanshan District, Shenzhen, GD, P.R. China
<b>Product Designation</b>	Bluetooth Low Energy Data Transmission Module
<b>Brand Name</b>	HOPERF
<b>Test Model</b>	HM-BT2204
<b>Series Model</b>	HM-BT2201, HM-BT2202, HM-BT2206, HM-BT2208, HM-BT2210
<b>Difference Description</b>	All the same except for the PCB is slightly different..
<b>Date of test</b>	Aug. 14, 2020 to Aug. 24, 2020
<b>Test Result</b>	Pass

We, Attestation of Global Compliance (Shenzhen) Co., Ltd. for compliance with the requirements set forth in the European Standard EN 62479. The results of testing in this report apply to the product/system which was tested only. The test results of this report relate only to the tested sample identified in this report.

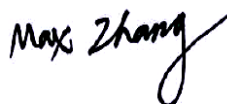
Prepared By



John Zeng  
Project Engineer

Aug. 24, 2020

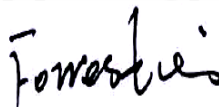
Reviewed By



Max Zhang  
Reviewer

Aug. 26, 2020

Approved By



Forrest Lei  
Authorized Officer

Aug. 26, 2020

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## 2. GENERAL INFORMATION

The following data is based on the information by the applicant.

Operating Frequency	2.402 GHz to 2.480GHz
Bluetooth Version	V5.0
Modulation	BR <input type="checkbox"/> GFSK, EDR <input type="checkbox"/> $\pi/4$ -DQPSK, <input type="checkbox"/> 8DPSK BLE <input checked="" type="checkbox"/> GFSK 1Mbps <input checked="" type="checkbox"/> GFSK 2Mbps
Hardware Version	V1.0
Software Version	V1.1
Antenna designation	Integral Antenna
Number of channels	40 for BLE
Antenna Gain	1dBi
Power Supply	DC 3.3V

**Note:** 1. The EUT provides Bluetooth wireless interface operating at 2.4G ISM band (2402MHz-2480MHz).  
2. The EUT doesn't support BR/EDR.

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### 3. TEST RESULT

The maximum output power of Bluetooth is **1.64dBm (1.46mW which is less than 20mW)**. Please refer to ETSI EN 300 328 (V2.2.2) Test report (AGC08509200801EE11) for the result of Maximum Transmit Power, which deemed to comply with the basic restrictions without testing.

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## Conditions of Issuance of Test Reports

1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Co., Ltd (the “Company”) solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the “Clients”).
2. Any report issued by Company as a result of this application for testing services (the “Report”) shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. The non-CMA report issued by AGC is only permitted to be used by the client as internal reference use and shall not be used for public demonstration purpose.
5. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
6. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
7. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
8. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
9. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
10. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

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