FCC TEST REPORT

For

3M Peltor Wireless Communication Accessory

Model Number: MT67H05WS6

FCC ID: Y9ZM67H05WS6

Report Number : WT178003160

Test Laboratory	:	Shenzhen Academy of Metrology and Quality Inspection National Digital Electronic Product Testing Center
Site Location	:	NETC Building, No.4 Tongfa Rd., Xili, Nanshan, Shenzhen, China
Tel	:	0086-755-86928965
Fax	:	0086-755-86009898-31396
Web	:	www.smq.com.cn
E-mail		emcrf@smq.com.cn

TEST REPORT DECLARATION

Applicant	:	3M Company
Address	:	Personal Safety Division,3M Center, Building 235-2NW-70, St.Paul, Minnesota, United States
Manufacturer	:	3M Svenska AB
Address	:	Box 2341, Malmstensgatan 19, SE-331 02 Varnamo, Sweden
EUT Description	:	3M Peltor Wireless Communication Accessory
Model No	:	MT67H05WS6
Trade mark	:	3M™ PELTOR™
Serial Number	:	/
FCC ID	:	Y9ZM67H05WS6

Test Standards:

FCC Part 2.1091 (2016)

The EUT described above is tested by Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory to determine the maximum emissions from the EUT. Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory is assumed full responsibility for the accuracy of the test results.

The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

Project Engineer:	(zhou Li 周立)	Date:	Jul.25, 2017
Checked by:	(Lin Yixiang 林奕翔)	Date:	Jul.25, 2017
Approved by:	(Lin Bin 林斌)	Date:	Jul.25, 2017

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1. TEST RESULTS SUMMARY

Table 1 Test Results Summary

Test Items	Test Results
RF Exposure	Pass

Remark: “ N/A” means “ Not applicable.”

2. GENERAL INFORMATION

2.1.Report information

This report is not a certificate of quality; it only applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are application to the similar items. In addition, such results must not be used to indicate or imply that SMQ approves recommends or endorses the manufacture, supplier or use of such product/equipment, or that SMQ in any way guarantees the later performance of the product/equipment.

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2.2.Laboratory Accreditation and Relationship to Customer

The testing report were performed by the Shenzhen Academy of Metrology and The testing report were performed by the Shenzhen Academy of Metrology and quality Inspection EMC Laboratory (Guangdong EMC compliance testing center), in their facilities located at NETC Building, No.4 Tongfa Rd., Xili, Nanshan, Shenzhen, China. At the time of testing, Laboratory is accredited by the following organizations:

China National Accreditation Service for Conformity Assessment (CNAS) accredits the Laboratory for conformance to FCC standards, EMC international standards and EN standards. The Registration Number is CNAS L0579.

The Laboratory is accreditated by the United States of American Federal Communications Commission (FCC), and the registration number is 582918.

The Laboratory is registered to perform emission tests with Industry Canada (IC), and the registration number is 11177A-1 11177A-2.

TUV Rhineland accredits the Laboratory for conformance to IEC and EN standards, the registration number is E2024086Z02.

3. PRODUCT DESCRIPTION

3.1.EUT Description

Table 2 Specification of the Equipment under Test

Product Type:	3M Peltor Wireless Communication Accessory
Hardware Version:	CSRA63120 (ID: 0x432)
Software Version :	11084
FCC ID:	Y9ZM67H05WS6
Frequency:	BT:2402MHz-2480MHz;
Type(s) of Modulation:	Bluetooth ：GFSK, pi/4-DQPSK, 8DPSK
Antenna Type:	BT: Internal Antenna 2.6dBi
Operating voltage:	Rating input:4.5V (Low)/5.0V (Nominal)/ 5.5V (Max) Operating Voltage:DC3.8V

4. RF EXPOSURE

4.1.TEST METHODOLOGY

The RF output of EUT was connected to the power meter by RF cable and attenuator. The pathloss was compensated to the results for each measurement.

4.2.FCC RULES

According to 447498 D01 General RF Exposure Guidance v05

For minimum test separation distance ≤ 50mm, Wifi standalone SAR test exclusion power threshold is 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

4.3.POWER Result

BT worse case is 2480MHz : 6.44dBm (4.41mW)

Then (4.41 mW/5mm) X √ 2.48 =1.39 < 3

So SAR evaluation is not applicable