



## RF EXPOSURE EVALUATION

Report No. : AA0017010(7) Date: 30 Apr 2021

Application No. : LA008862(2)

Applicant : 9141-0720 Quebec Inc. DBA MANARAS/OPERA  
136 Oneida Drive, Pointe-Claire  
Canada, H9R 1A8

Sample Description : Two(2) items of submitted sample stated to be

Product Description : 390MHz Transmitter  
Model : KEYLESS042  
Sample registration No. : RA020101-005(9) and RA020101-006(0)  
Radio Frequency : 390MHz  
Supply voltage : DC1.5V (one AAA battery)  
No. of submitted sample : 2

FCC ID : X7OAKEYLESS042

Date Received : 16 Apr 2021.

Evaluation Period : 16 Apr 2021 – 30 Apr 2021.

Evaluation Method : 447498 D01 General RF Exposure Guidance v06 - RF Exposure Procedure and Equipment Authorization Policies for Mobile and Portable Devices

Conclusion : The maximum power of 390MHz operation was satisfied RF exposure requirements.

*For and on behalf of*  
CMA Industrial Development Foundation Limited

Authorized Signature : \_\_\_\_\_

Wong Lap Pong / Andrew  
Deputy Technical Manager

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Document name: FCC RF exposure - Document Ref No: RT-EL-EMC-008 - Issue Date: 01 Dec 2017 - Edition: 1

The conformity statement stated in Conclusion above is based on the decision rule agreed with applicant and listed in [www.cmateesting.org/qac/statement-of-conformity.pdf](http://www.cmateesting.org/qac/statement-of-conformity.pdf). This document is issued subject to the latest CMA Testing General Terms and Conditions of Testing and Inspection Services, available on request or accessible at website [www.cmateesting.org](http://www.cmateesting.org). This document shall not be reproduced except in full without written approval by CMA Testing. The results apply to the sample as received unless otherwise specified. The observations and test results in this report are relevant only to the sample tested.

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### **Simultaneous power**

The device only operates 390MHz transmitter and no simultaneous transmission with other transmitter.

### **RF Exposure Evaluation**

#### **Calculation**

##### 1) 390MHz transmitter

According to the test result from the FCC test report AA0017008(5)

- Measured field strength @ 3m	: 84.5dB $\mu$ V/m
- Calculated e.i.r.p.	: 0.085mW (-10.7dBm)
- Calculated Power density @ 5mm	: 0.0106mW/cm <sup>2</sup>
- Limit	: 24.0mW/cm <sup>2</sup>
- Result	: PASS

### **Conclusion**

Based on above calculation, the MPEs of the transmitter meet the requirement of OET Bulletin 65 and KDB447498 D01 v06.

\*\*\*\*\* End of Evaluation \*\*\*\*\*