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TEST REPORT

Report No. : CQASZ20260500989E-02
Applicant: ChicagoTronics, Inc.
Address of Applicant: 8275 S Eastern Ave Suite 200-924 Las Vegas Nevada 89123 USA
Equipment Under Test (EUT):
EUT Name: Wireless Optical Mouse
Model No.: CTW001V2
Test Model No.: CTW001V2
Brand Name: Skilcraft
FCC ID: 2AHKSCTW001V2
47 CFR Part 1.1307
Standards: 47 CFR Part 1.1310
KDB447498D01 General RF Exposure Guidance v06
Date of Receipt: 2026-05-15
Date of Test: 2026-05-15 to 2026-5-26
Date of Issue: 2026-06-23
Test Result : **PASS**

Tested By:

Lewis Zhou

(Lewis Zhou)

Reviewed By:

Timo Lei

(Timo Lei)

Approved By:

Jack Ai

(Jack Ai)



The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CQA, this report can't be reproduced except in full.

1. Version

Revision History Of Report

Report No.	Version	Description	Issue Date
CQASZ20260500989E-02	Rev.01	Initial report	2026-06-23

2. Contents

1. VERSION	2
2. CONTENTS	3
3. GENERAL INFORMATION	4
4. CLIENT INFORMATION	4
5. GENERAL DESCRIPTION OF EUT	4
6. GENERAL DESCRIPTION OF 2.4G SRD	4
RF EXPOSURE EVALUATION	5
RF EXPOSURE COMPLIANCE REQUIREMENT	5
<i>Standard Requirement</i>	5
<i>Limits</i>	5
<i>EUT RF Exposure</i>	6

3. General Information

4. Client Information

Applicant:	ChicagoTronics, Inc.
Address of Applicant:	8275 S Eastern Ave Suite 200-924 Las Vegas Nevada 89123 USA
Manufacturer:	Dongguan Togran Electronics Technology Co.,Ltd.
Address of Manufacturer:	No. 110, Shijie Shidan Mid Rd, Shijie Town,Dongguan City, Guangdong Province.China
Factory:	Dongguan Togran Electronics Technology Co.,Ltd.
Address of Factory:	No. 110, Shijie Shidan Mid Rd, Shijie Town,Dongguan City, Guangdong Province.China

5. General Description of EUT

Product Name:	Wireless Optical Mouse
Model No.:	CTW001V2
Test Model No.:	CTW001V2
Trade Mark:	Skilcraft
Software Version:	A01
Hardware Version:	A01
Power Supply:	AAA battery DC 1.5V * 2
Simultaneous Transmission	☐ Simultaneous TX is supported and evaluated in this report. ☒ Simultaneous TX is not supported.

6. General Description of 2.4G SRD

Operation Frequency:	2403MHz~2479MHz
Modulation Type:	GFSK,
Number of Channel:	40
Product Type:	☐ Mobile ☒ Portable ☐ Fix Location
Antenna Type:	PCB antenna
Antenna Gain:	0.81dBi

RF Exposure Evaluation

RF Exposure Compliance Requirement

Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06

4.3.1. Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

Limits

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$
$$f(\text{GHz}) \text{ is the RF channel transmit frequency in GHz}$$

Power and distance are rounded to the nearest mW and mm before calculation¹⁷

The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion

EUT RF Exposure

1) For 2.4G SRD

$$EIRP = E_{Meas} + 20 \log(d_{Meas}) - 104.7$$

where

$EIRP$ is the equivalent isotropically radiated power, in dBm
 E_{Meas} is the field strength of the emission at the measurement distance, in dBμV/m
 d_{Meas} is the measurement distance, in m

Measurement Data

Worst case: GFSK				
Test Channel	EIRP (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power	
			(dBm)	(mW)
Lowest(2403MHz)	-5.37	-5.0±1	-4.0	0.398
Middle(2441MHz)	-4.77	-4.5±1	-3.5	0.447
Highest(2479MHz)	-4.48	-4.0±1	-3.0	0.501

Worst case: GFSK			
Channel	Maximum tuneup Power (mW)	Calculated value	Exclusion threshold
Lowest(2403MHz)	0.398	0.123	3.0
Middle(2441MHz)	0.447	0.140	
Highest(2479MHz)	0.501	0.158	
Conclusion: the calculated value ≤3.0, SAR is exempted.			

Remark: The Max Conducted Peak Output Power data refer to report Report No.: CQASZ20260500989E-01