

## RF Exposure Evaluation Report

**Product** : Extreme Crosslander -Rechargeable  
Radio Controlled Stunt Car

**Trade mark** : LEXIBOOK

**Model/Type reference** : RC49 RC50 (wrist remote)

**Serial Number** : N/A

**Report Number** : EED32P80671504

**FCC ID** : UU8-RC49A

**Date of Issue** : Jun. 28, 2023

**Test Standards** : 47 CFR Part 1.1307  
47 CFR Part 1.1310  
47 CFR Part 2.1091  
47 CFR Part 2.1093  
447498 D04 Interim General RF  
Exposure Guidance v01

**Test result** : PASS

Prepared for:

**Lexibook America**

**C/O Pramex International 1251 Avenue of the Americas,3rd Fl.,New  
York,10020,United States**

Prepared by:

**Centre Testing International Group Co., Ltd.  
Hongwei Industrial Zone, Bao'an 70 District,  
Shenzhen, Guangdong, China**

**TEL: +86-755-3368 3668**

**FAX: +86-755-3368 3385**

Compiled by:

*Frazer Li*

Frazer Li

Reviewed by:

*Tom Chen*

Tom Chen

Approved by:

*Aaron Ma*

Aaron Ma

Date:

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## 2 Version

Version No.	Date	Description
00	Jun. 28, 2023	Original

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## 4 General Information

### 4.1 Client Information

Applicant:	Lexibook America
Address of Applicant:	C/O Pramex International 1251 Avenue of the Americas,3rd Fl.,New York,10020,United States
Manufacturer:	Lexibook America
Address of Manufacturer:	C/O Pramex International 1251 Avenue of the Americas,3rd Fl.,New York,10020,United States

### 4.2 General Description of EUT

Product Name:	Extreme Crosslander -Rechargeable Radio Controlled Stunt Car
Model No.(EUT):	RC49 RC50 (wrist remote)
Trade mark:	LEXIBOOK

### 4.3 Product Specification subjective to this standard

Frequency Range:	TX & RX: 2405MHz ~2475MHz
Modulation Type:	GFSK
Test Power Grade:	Default
Test Software of EUT:	RF Test
Antenna Type:	Internal Antenna
Antenna Gain:	0.17dBi
Power Supply:	DC 3.0V LITHIUM BATTERY
Sample Received Date:	May 10, 2023
Sample tested Date:	May 10, 2023 to May 18, 2023

**Remark:**

Company Name and Address shown on Report, the sample(s) and sample Information was/ were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.

## 4.4 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164

## 4.5 Deviation from Standards

None.

## 4.6 Abnormalities from Standard Conditions

None.

## 4.7 Other Information Requested by the Customer

None.

## 5 SAR Evaluation

### 5.1 RF Exposure Compliance Requirement

#### 5.1.1 Limits

The SAR-based exemption formula of § 1.1307(b)(3)(i)(B), repeated here as Formula (B.2), applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power or effective radiated power (ERP), whichever is greater, of less than or equal to the threshold  $P_{th}$  (mW).

This method shall only be used at separation distances from 0.5 cm to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive).  $P_{th}$  is given by Formula

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases}$$

where

$$x = -\log_{10} \left( \frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right)$$

and  $f$  is in GHz,  $d$  is the separation distance (cm), and  $ERP_{20 \text{ cm}}$  is per Formula (B.1).

$$P_{th} \text{ (mW)} = ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases} \quad (\text{B.1})$$

The 1 mW Blanket Exemption of § 1.1307(b)(3)(i)(A) applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power of no more than 1 mW, regardless of separation distance.

#### 5.1.2 Test Procedure

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.



## 5.1.3 EUT RF Exposure Evaluation

### For Watch:

Mode	Field strength of the fundamental signal (dBuV/m@3m)	ERP (dBm)	ERP (mW)	Limit (mW)	Result
2475MHz	90.76	-6.62	0.2178	≤2.722	PASS

### Note:

- ① EIRP=conducted power+antenna gain;
- ② ERP=EIRP-2.15;
- ③ EIRP(dBm) = Field strength of the fundamental signal(dBuV/m@3m) – 95.23;
- ④ ERP(mW) =  $10^{(ERP \text{ (dBm)}/10)}$ ;
- ⑤ The estimation distance is 0.5cm;
- ⑥ The test data please refer to the report of EED32P80671502.  
Only the worst case data was recorded in the report.

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 CTI, this report can't be reproduced except in full.

\*\*\* End of Report \*\*\*