





SAR EXEMPTION EVALUATION REPORT

Report Number BWTR-2316-NAMPE

FCC ID 2BB57-URC01

Applicant Ficont Industry (Beijing) Co., Ltd.

Product Name Remote Control

Marketing Name N/A

Brand Name 3S LIFT

Model Name URC01

Serial Number No.1: TCS23060002

No.2: TCS23060003

Test Standard FCC 47 CFR Part 1 Subpart I

FCC 47 CFR Part 2 Subpart J

Tested Date Aug. 07, 2023 - Aug. 14, 2023

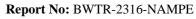
Tel: +86-010-64711866 Fax: +86-010-64711866-810 Page No.: 1 of 7

Page No.: 2 of 7



CONTENTS

1	Summary of Test Result	4
	General Information	
	2.1 Applicant	
	2.2 Manufacturer	5
	2.3 Product Feature of Equipment Under Test	5
	2.4 Description of Test Modes	
	2.5 Duty Cycle of Test Signal	5
	2.6 Applicable Standards	6
	2.7 Test Facilities	6
3	Evaluation Result	6
	3.1 Standalone SAR Test Exclusion	6



Page No.: 3 of 7



Revision: A

Revision History

Revision	Description	Issued Date
A	Initial issue of report	2023/09/05



Page No.: 4 of 7



Revision: A

1 Summary of Test Result

Report Section	FCC Section	Description	Result
3.1	KDB 447498 D01 4.3.1	Standalone SAR test exclusion	Pass

We, Beijing Boomwave Test Service Co. Ltd., would like to declare that the tested sample has been evaluated and in compliance with the requirements of applicable standards.

Prepared by: 2023.09.05 09:53:29 +08'00' Reviewed by: 2023.09.05 10:08:37 +08'00'

Approved by: 2023.09.05 10:09:56 +08'00'

Rationale:

The test results in this report apply exclusively to the tested model / sample.

The laboratory shall have no liability to authenticate the information of tested model / sample provided by applicant or manufacturer in the test report. And it should be aware that the information may affect the validity of test results.

The electrical copy of test report is invalid without the signatures. The hard copy is invalid without seal. The test report shall not be modified, republished or copied without the written authorization of the laboratory.

Page No.: 5 of 7



Revision: A

2 General Information

2.1 Applicant

Ficont Industry (Beijing) Co., Ltd.

No. 15, Chuangyi East 2nd Road, Xiji Development Zone, Tongzhou District, Beijing, P.R. China

2.2 Manufacturer

Ficont Industry (Beijing) Co., Ltd.

No. 15, Chuangyi East 2nd Road, Xiji Development Zone, Tongzhou District, Beijing, P.R. China

2.3 Product Feature of Equipment Under Test

Product Name	Remote Control
Marketing Name	N/A
Model Name	URC01
Sample Status	Production
Operating Frequency Range	433.5MHz
Modulation Type	GFSK
Number of Channels	1
Nominal Channel Bandwidth	50KHz
Number of Antenna	1
Antenna Type	Spring Antenna
Antenna Gain	2.15dBi
Hardware Version	TC004 V2.0
Software Version	DLTC999016 B
Power Supply Rating	DC 4.50V (AA Battery × 3)
Sample Received Date	2023/07/27

Note: All the above information except for sample received date are provided by applicant.

2.4 Description of Test Modes

The EUT was flashed by engineering program to work in the mode of continious transmitting its maximum output power level.

2.5 Duty Cycle of Test Signal

Frequency	Duty Cycle
433.5MHz	8.63%

Beijing Boomwave Test Service Co. Ltd



2.6 Applicable Standards

Standard	Version	Title
FCC KDB 447498 D01	v06	RF EXPOSURE PROCEDURES AND EQUIPMENT AUTHORIZATION POLICIES FOR MOBILE AND PORTABLE DEVICES

2.7 Test Facilities

Company Name: Beijing Boomwave Test Service Co. Ltd

Address: EMC Building, No.1 Wang Jing East Road, Chao Yang District Beijing, P.R. China 100102

FCC Test Firm Registration Number: 613197

ISED Canada Registration No.: 24289 (CAB Identifier: CN0010) VCCI Registration No.: R-20062, G-20063, C-20050, T-20049

Test Site	Description	Dimension	Ground Plane Size
⊠ SAC10	10m semi-anechoic chamber	19.5m×12.9m×8.6m	4m×4m
⊠ SAC3	3m semi-anechoic chamber	9.6m×6.4m×6.0m	
☐ SR#1	Shielding Room for EMS test	8.1m×4.05m×2.755m	8.1m×4.05m
⊠ SR#2	Shielding Room for RF test	8.1m×4.05m×2.755m	

3 Evaluation Result

3.1 Standalone SAR Test Exclusion

3.1.1. Limit

FCC KDB 447498 D01v06 - §4.3.1

For 100MHz to 6GHz and test separation distances \leq 50mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance,

mm)] • $[\sqrt{f(GHz)}] \le 3.0$ 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;
- The values 3.0 and 7.5 are referred to as numeric thresholds in 2) below;

When the minimum test separation distance is < 5mm, a distance of 5mm is applied to determine SAR test exclusion.

Page No.: 6 of 7



Report No: BWTR-2316-NAMPE

Page No.: 7 of 7

Revision: A

3.1.2. Evaluation Result

Maximum Tune-up Power:

f (GHz)	Pmax (dBm)	Tune-up Tolerance (dB)	Pmax + Tune-up (mW)	Distance (mm)
0.4335	-10.22	0	0.1	5

Note: Tune-up tolerance is declared by manufacturer

Evaluation:

1	SAR Required		
Evaluation Result	Exclusion Thresholds	No	
0.013	3.00	No	

--- End of Test Report ---