

RF Exposure Evaluation Report

Product : UGREEN Finder Slim 2
Trade mark : UGREEN
Model/Type reference : CM920
Serial Number : N/A
Report Number : EED32R81821402
FCC ID : 2AQI5-CM920
Date of Issue : Nov. 11, 2025
Test Standards : 47 CFR Part 1.1307
47 CFR Part 1.1310
47 CFR Part 2.1093
KDB 447498 D04 Interim General RF
Exposure Guidance v01
Test result : PASS

Prepared for:

Ugreen Group Limited
Ugreen Building, Longcheng Industrial Park,
Longguanxi Road, Longhua, ShenZhen, China

Prepared by:

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

TEL: +86-755-3368 3668

FAX: +86-755-3368 3385

Compiled by:

Frazer Li

Frazer Li

Reviewed by:

Keven Tan

Keven Tan

Approved by:

Aaron Ma

Aaron Ma

Date:

Nov. 11, 2025



Check No.:4420280925

1 Contents

	Page
1 CONTENTS	2
2 GENERAL INFORMATION	3
2.1 CLIENT INFORMATION	3
2.2 GENERAL DESCRIPTION OF EUT	3
2.3 PRODUCT SPECIFICATION SUBJECTIVE TO THIS STANDARD	3
2.4 TEST LOCATION	4
2.5 DEVIATION FROM STANDARDS	4
2.6 ABNORMALITIES FROM STANDARD CONDITIONS	4
2.7 OTHER INFORMATION REQUESTED BY THE CUSTOMER	4
3 SAR EVALUATION	5
3.1 RF EXPOSURE COMPLIANCE REQUIREMENT	5
3.1.1 Limits	5
3.1.2 Test Procedure	5
3.1.3 EUT RF Exposure Evaluation	6

2 General Information

2.1 Client Information

Applicant:	Ugreen Group Limited
Address of Applicant:	Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China
Manufacturer:	Ugreen Group Limited
Address of Manufacturer:	Ugreen Building, Longcheng Industrial Park, Longguanxi Road, Longhua, ShenZhen, China
Factory:	Huizhou Zhize Technology Co., Ltd
Address of Factory:	No.1,Nantang Road, Chenjiang Street, Zhongkai High-tech Zone, Huizhou City (Factory Building No.5)

2.2 General Description of EUT

Product Name:	UGREEN Finder Slim 2
Model No.(EUT):	CM920
Trade Mark:	UGREEN

2.3 Product Specification subjective to this standard

Frequency Range:	BLE: 2402MHz~2480MHz						
Modulation Type:	BLE: GFSK						
Test Power Grade:	Default						
Test Software of EUT:	rftool.exe						
Antenna Type:	PCB Antenna						
Antenna Gain:	1.96dBi						
Power Supply:	Battery:	DC 3V					
Sample Received Date:	Oct. 04, 2025						
Sample tested Date:	Oct. 04, 2025 to Oct. 20, 2025						
Remark:							
- Product Number (P/N) code in the below table, for marketing purpose, will be marked on the marking plate.							
75120	75120EU	75120UK	75120US	75120JP	75120CN	75120KC	75120A
75120B	75120C	75120D	75120E	75120F	75120P	75120P1	75120P2
75120P3	75120X	75120U	KC-75120				

2.4 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Hongwei Industrial Park, Zone 70, Bao'an District, Shenzhen, Guangdong, China

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

No tests were sub-contracted.

FCC Designation No.: CN1164, Test Firm Registration No.: 260439

2.5 Deviation from Standards

None.

2.6 Abnormalities from Standard Conditions

None.

2.7 Other Information Requested by the Customer

None.

3 SAR Evaluation

3.1 RF Exposure Compliance Requirement

3.1.1 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.

3.1.2 Test Procedure

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

3.1.3 EUT RF Exposure Evaluation

For Stand alone:

Band	Freq. (MHz)	Estimation distance (cm)	Max. Conducted Output power (dBm)	Antenna Gain (dBi)	ERP (dBm)	ERP (mW)	Limit (mW)	MPE ratio	Result
BLE	2480	0.5	1.57	1.96	1.38	1.37	2.717	0.5057	Pass

Note:

- ① EIRP=conducted power+antenna gain;
- ② $ERP = EIRP - 2.15$;
- ③ $EIRP(dBm) = \text{Field strength of the fundamental signal}(dBuV/m@3m) - 95.23$;
- ④ $ERP(mW) = 10^{(ERP(dBm)/10)}$;
- ⑤ The estimation distance is 0.5cm;
- ⑥ The test data please refer to the report of EED32R81821401 and only the worst case data was recorded in the report.

Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;

*** End of Report ***