


FCC RF EXPOSURE REPORT

FCC ID: 2AN6E-FLY6PRO

Product Name : Fly6 PRO
Model No. : CE604
Trademark : CYCLIQ
Product No. : POC230803010-S001
Applicant : CYCLIQ PRODUCTS PTY LTD
Address : PO Box 404, Subiaco, 6904, Australia
Manufacturer : CYCLIQ PRODUCTS PTY LTD
Address : PO Box 404, Subiaco, 6904, Australia
Receipt Date : 2023.08.03
Issued Date : 2023.08.25
Test Sample : Final Sample
Standard(s) : FCC 47 CFR Part 1.1310 & FCC 47 CFR Part 2.1091

Prepared By:	Checked By:	Approved By:	
Gavin Xu	Tim Zhang	Misue Su	
<i>Gavin Xu</i>	<i>Tim.zhang</i>	<i>Misue Su</i>	

Note: This report shall not be reproduced except in full, without the written approval of Shenzhen Haiyun Standard Technical Co., Ltd. This document may be altered or revised by Shenzhen Haiyun Standard Technical Co., Ltd. Personnel only, and shall be noted in the revision section of the document. The test results of this report relate only to the tested sample identified in this report.

History of this test report

Original Report Issue Date: 2023.08.25

- No additional attachment
- Additional attachments were issued following record

Attachment No.	Issue Date	Description

1. TEST FACILITY

Company:	Shenzhen Haiyun Standard Technical CO., Ltd.
Address:	No. 110-113, 115, 116, Block B, Jinyuan Business Building, Bao'an District, Shenzhen, China
CNAS Registration Number:	CNAS L18252
CAB identifier:	CN0145
A2LA Certificate Number:	6823.01
Telephone:	0755-26024411

2. MPE CALCULATION METHOD

Calculation Method of RF Safety Distance:

$$S = \frac{PG}{4\pi r^2} = \frac{EIRP}{4\pi r^2}$$

where:

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

Table for Filed Antenna

For BLE

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	Yuyang	YY-01	PCB	Ant	2.04

For 2.4G WIFI

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	AiBa	AB-W01	SMD	Ant	6.10

For 5.1G WIFI

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	AiBa	AB-W01	SMD	Ant	3.67

Note: The antenna gain is provided by the manufacturer, and manufacturer information can be found in the feature report.

3. TEST RESULTS

Worst case as below

Operating Mode	Freq.	Maximum conducted output power	Directional Antenna Gain	Calculated maximum EIRP		MPE Limit	MPE Value
	(MHz)			(dBm)	(dBi)		
BLE	2402-2480	-6.20	2.04	-4.16	0.3837	1	0.0001
2.4G Wifi	2412-2462	16.61	6.10	22.71	186.6380	1	0.0371
5G Wifi	5180-5250	15.05	3.67	19.22	83.5603	1	0.0166

Note: 1. The calculated distance is 20 cm.

2. The Wifi function can't transmit at the same time with the BLE function

Simultaneous transmission MPE(worst case):

$$\text{Transmit simultaneously MPE} = \Sigma \text{ of MPE ratios} = 2.4\text{G Wifi} + \text{BLE} = 0.0371 + 0.0001 = 0.0372 < 1$$

Result: Complies

(END OF REPORT)