FCC RF EXPOSURE REPORT

FCC ID: 2ACSVMYK2011-100

Project No.	:	2111H054
Equipment	:	MYK2011_100
Brand Name	:	High-Flying
Test Model	:	MYK2011_100
Series Model	:	N/A
Applicant	:	High-Flying Electronics Technology Co., Ltd.
Address	:	Building 17, No.1500 Zu Chongzhi Road, Pudong District, Shanghai, China
Manufacturer	:	High-Flying Electronics Technology Co., Ltd.
Address	:	Building 17, No.1500 Zu Chongzhi Road, Pudong District, Shanghai, China
Factory	:	China Dragon Technology Limited
Address	:	B4 Building, Haosan NO.1 Industrial Zone, Nanpu Road,Xinqiao Street, Baoan District, Shenzhen
Date of Receipt	:	Dec. 09, 2021
Date of Test	:	Dec. 10, 2021~Jan. 20, 2022
Issued Date	:	Feb. 17, 2022
Report Version	:	R01
Test Sample	:	Engineering Sample No.: SH20211209244 for EUT, SH20211209242-9 for adapter.
Standard(s)	:	FCC Title 47 Part 2.1091 KDB 447498 D01 General RF exposure guidance v06

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

Prepared by : Antonio long

Approved by : Ryan Wang

TESTING CERT #5123.03

Add: No. 29, Jintang Road, Tangzhen Industry Park, Pudong New Area, Shanghai 201210,China
TEL: +86-021-61765666
Web: www.newbtl.com

REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Feb. 14, 2022
R01	Revised report to address TCB's comments.	Feb. 17, 2022

1. 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 2.4G

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	Panel	N/A	12.00
2	N/A	N/A	Dipole	N/A	2.41
3	N/A	N/A	Omni Directional	N/A	5.00

Note: The antenna gain provided by the manufacturer

2. TEST RESULTS

For 2.4G

Antenna Gain (dBi)	Antenna Gain (numeric)	Max. tune up Power (dBm)	Max. tune up Power (mW)	Power Density (S) (mW/cm^2)	Limit of Power Density (S) (mW/cm^2)	Test Result
12.00	15.8489	23.64	231.2065	0.729003	1	Complies

Note: The calculated distance is 20 cm.
Output power including tune up tolerance.

End of Test Report