



Certification Exhibit

FCC ID: 2ADDKFLY4KW01

FCC Rule Part: 47 CFR Part 2.1091

TÜV SÜD Project Number: 72131093

Manufacturer: 360fly, Inc.
Model: FLY4KW01

RF Exposure

General Information:

Applicant: 360fly, Inc.
 Device Category: Mobile
 Environment: General Population/Uncontrolled Exposure

Technical Information:

Antenna Type: Loop with Parasitic
 Antenna Gain: -0.15 dBi (2.4 GHz), -0.36 dBi (5 GHz)
 Maximum Transmitter Conducted Power: 14.093 dBm, 25.66 mW (2.4 GHz)
 13.05 dBm, 20.18 mW (5 GHz)
 Maximum System EIRP: 13.943 dBm, 24.79 mW (2.4 GHz)
 12.94 dBm, 19.68 mW (5 GHz)
 Exposure Conditions: 20 centimeters or greater

MPE Calculation

The Power Density (mW/cm²) is calculated as follows:

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

Where:

- S = power density (in appropriate units, e.g. mW/cm²)
- P = power input to the antenna (in appropriate units, e.g., mW)
- 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 (appropriate units, e.g., cm)

Table 1: MPE Calculation

Transmit Frequency (MHz)	Radio Power (dBm)	Power Density Limit (mW/Cm ²)	Radio Power (mW)	Antenna Gain (dBi)	Antenna Gain (mW eq.)	Distance (cm)	Power Density (mW/cm ²)
2400	14.093	1.00	25.66	-0.15	0.966	20	0.005
5180	13.05	1.00	20.18	-0.36	0.920	20	0.004