Certification Exhibit

FCC ID: 2AUSA-CC1WRB

FCC Rule Part: 47 CFR Part 2.1093

Project Number: 72153197

Manufacturer: Flintec, Inc.
Model: CC1WRB

RF Exposure

General Information:

Applicant: Flintec Inc
Device Category: Mobile
Environment: General Population/Uncontrolled Exposure

Technical Information:

Antenna Types: ½ Wave Dipole Antenna / 3.2dBi (Linx, P/N: ANT-2.4-CW-HW)
½ Wave Dipole Antenna / 3.2dBi (Linx, P/N: ANT-2.4-CW-HWR-ccc)
¼ Wave Dipole Antenna / -0.2dBi (Linx, P/N: ANT-2.4-CW-RCS-xxx)
Antenna Gain: 3.2dBi (Max)
Maximum Transmitter Conducted Power: 17.1dBm, 51.29mW
Maximum System EIRP: 20.3dBm, 107.15mW
Exposure Conditions: Greater than 20 centimeters

MPE Calculation

The Power Density (mW/cm^2) 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)
2405	17.1	1.00	51.29	3.2	2.089	20	0.021