Certification Exhibit

FCC ID: SNA-M250RF
IC: 9458A-M250RF

FCC Rule Part: 15.247
IC Radio Standards Specification: RSS-210

ACS Project Number: 12-2123

Manufacturer: Woodstream Corporation
Model: M250RF

RF Exposure

General Information:
Applicant:　　　　　　Woodstream Corporation
ACS Project:　　　　　12-2123
Device Category:　　　Mobile
Environment:　　　　　General Population/Uncontrolled Exposure

Technical Information:
Antenna Type:　　　　　Printed Inverted F Antenna
Antenna Gain:　　　　　0 dBi
Maximum Transmitter Conducted Power: 18.52 dBm
Maximum System EIRP: 18.52 dBm, 71.12 mW
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)

MPE Calculator for Mobile Equipment Limits for General Population/Uncontrolled Exposure*							
Transmit Frequency (MHz)	Radio Power (dBm)	Power Density Limit (mW/Cm2)	Radio Power (mW)	Antenna Gain (dBi)	Antenna Gain (mW eq.)	Distance (cm)	Power Density (mW/cm^2)
2440	18.52	1.00	71.12	0	1.000	20	0.014

Installation Guidelines
The installation manual should contain text similar to the following advising how to install the equipment to maintain compliance with the FCC RF exposure requirements:

RF Exposure
In accordance with FCC requirements of human exposure to radio frequency fields, the radiating element shall be installed such that a minimum separation distance of 20 centimeters will be maintained.

Conclusion
This device complies with the MPE requirements by providing adequate separation between the device, any radiating structure and the general population.