Excellence in Compliance Testing

Certification Exhibit

FCC ID: HSW-DNT500FP
IC: 4492A-DNT500FP

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

ACS Report Number: 09-0112-15C

Manufacturer: **Cirronet Inc.**
Model: **DNT500FP**

RF Exposure

General Information:

Applicant: RFM / Cirronet, Inc.
ACS Project: 09-0112–15C
Device Category: Portable
Environment: General Population/Uncontrolled Exposure

Source-Based Time-Averaging Power Calculations

Frequency (MHz)	Peak Conducted Pwr (dBm)	Peak Conducted Pwr (mW)	Antenna Gain (dBi)	Duty Cycle	Source-Based Time-Averaged Conducted Pwr (mW)	Source-Based Time-Averaged EIRP (mW)
902.75	17.84	60.81	2	0.23	13.99	**22.17**
915.25	17.29	53.58	2	0.23	12.36	**19.58**
927.25	17.50	56.23	2	0.23	12.97	**20.55**

Using a source-based time-averaging duty cycle of 23.06%, the device does not require SAR testing according to FCC KDB 447498 Item (2) and IC RSS-102 Section 2.5.1 as the corrected source-based time-averaged output power is below the minimum threshold of 60/F(GHz)= 64 mW for FCC and 100 mW for IC.

A detailed description of the source-based time-averaging duty cycle justification is provided in the theory of operation.

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
This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment. This equipment is in direct contact with the body of the user under normal operating conditions. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Conclusion
This device complies with the FCC portable RF exposure requirements.