



Excellence in Compliance Testing

5015 B. U. Bowman Dr.  
Buford, GA 30518

August 22, 2012

ACS TCB  
5015 B.U. Bowman Drive  
Buford, GA 30518

Re: FCC ID: HSW-DNT900

To Whom It May Concern:

The following application is submitted on behalf of our client, Cirronet, Inc., for evaluation of their models DNT900C and DNT900P for certification under FCC Part 15.247.

Two model variants of the DNT900 are available. Both model variants are electrically identical and differ only in the interface available for host integration. The DNT900C radio modules are mounted by reflow soldering them to a host circuit board. The DNT900P modules are mounted by plugging their pins into a set of mating connectors on the host circuit board.

DNT900 series modules achieve regulatory certification under FHSS rules at air data rates of 38.4, 115.2 and 200 kb/s. At 500 kb/s, the DNT900 series modules achieve regulatory certification under "digital modulation" or DTS rules. At 500 kb/s DNT900 series modules still employ frequency hopping to mitigate the effects of interference and multipath fading, but hop on fewer, more widely spaced frequencies than at lower data rates.

The purpose of this class II permissive change is to add a new inverted-F type antenna. The device was tested to the requirements of the aforementioned rules for each mode of operation and was found to be in compliance.

Sincerely,

A handwritten signature in black ink that reads 'R. Sam Wismer'. The signature is written in a cursive, flowing style.

Sam Wismer  
Vice President, Technology  
Advanced Compliance Solutions, Inc.