

09 April 2007

AmericanTCB  
6731 Whittier Avenue  
McLean VA 22101  
Attn: Director of Certification

RE: Declaration of Compliance to RF Exposure Limits for Humans

Digi ConnectCore Wi9C

## **RF Exposure Statement**

### **1. Standard Applicable**

According to FCC 1.1307 (b)(1) and IC RSS-102, systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

This is a mobile device operating in 2411-2462 MHz range.

### **2. Measurement Result:**

The SAR measurement is not necessary.

MPE calculations

$$S = PG / 4\pi r^2$$

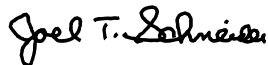
$$S = \text{power density} = .282 \text{ mw/cm}^2$$

$$P = \text{transmitter conducted power in milliwatts} = 284$$

$$G = \text{antenna numeric gain} = 5$$

$$R = \text{distance to radiation center in centimeters} = 20$$

This is less than general population/uncontrolled exposure guideline of 1 mW/cm<sup>2</sup>.



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