

27 June 2011

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

RE: Declaration of Compliance to RF Exposure Limits for Humans

Global Traffic Technologies transmitter with new antenna

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 2400-2483.5 MHz range at 1 W.

2. Measurement Result:

MPE calculations

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

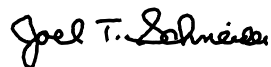
S = power density = .397 mw/cm²

P = transmitter conducted power in milliwatts = 1000

G = antenna numeric gain = 2

R = distance to radiation center in centimeters = 20

This is less than general population/uncontrolled exposure guideline of 1 mW/cm².



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