

20 October 2009

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

RE: Declaration of Compliance to RF Exposure Limits for Humans

GE Security Simon iXT

## 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 2412-2462 MHz range at 33.1 mW (37 uW eirp from other two transmitters – 908.4 MHz/319.5 MHz is negligible to this value).

### 2. Measurement Result:

MPE calculations

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

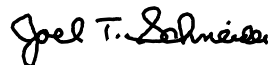
$$S = \text{power density} = .037 \text{ mw/cm}^2$$

$$P = \text{transmitter conducted power in milliwatts} = 33.1$$

$$G = \text{antenna numeric gain} = 1.77 \text{ (2.5 dBi)}$$

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

This is less than general population/uncontrolled exposure guideline of  $1 \text{ mW/cm}^2$ .



Joel T. Schneider  
Senior Engineer  
Minnesota Wild River Lab  
TÜV SÜD America  
Tel: 651 604 4582  
jschneider@tuvam.com