

12 June 2013

RE: Declaration of Compliance to RF Exposure Limits for Humans

Measurement Specialties FCC ID: OOQ-M250

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.

The 134.2 kHz rfid device:

. Measurement Result:

MPE calculations

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

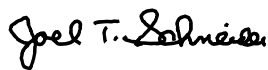
$$S = \text{power density} = 4.5 \times 10^{-10} \text{ mW/cm}^2$$

$$P = \text{transmitter conducted power in milliwatts} = .0000023 \text{ mW}$$

$$G = \text{antenna numeric gain} = 1$$

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

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



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