

Re: Certification for Siemens Immobilizer
Models: U152
FCC ID: M3N-IPATSU152
CANADA:

RF EXPOSURE

The subject device is a Low Power Device Transmitter and is subject to FCC radiation limits in 15.209 and IC limits in RSS-210, Sec. 6.2.1. At the frequency of operation (134 kHz), the maximum allowed field at 300 meters, for both FCC and IC, is 25.1 dB μ V/m. This corresponds to an EIPR of -30.1 dBm or 0.001 mW.

Assuming a model of a point source radiator, the power density would be 0.0003 mW/cm² at 0.5 cm distance, a distance that would be at the plastic case of the device.

FCC

This estimate definitely meets the FCC guideline of 1 mW/cm².

IC

Since the radiated power is less than 200 mW, the device is exempt from RF Exposure regulations (RSS-102, 4.2).