

Re: Class II/ Family Previous for  
Schrader-Bridgeport RTP Transmitter  
PN: 70803006  
FCC ID: MRXTTR1B0  
CANADA: 25461021461 (C-cate 10211)

### RF EXPOSURE

The subject device is a Low Power Device Transmitter and is subject to FCC radiation limits in 15.231(e) and IC limits in RSS-210, Sec. 6.1.1. At the frequency of operation of 315 MHz, the maximum allowed field at 3 meters, for both FCC and IC, is 67.7 dB $\mu$ V/m. This corresponds to an EIPR of -27.5 dBm or 0.002 mW.

Assuming a model of a point source radiator, the power density would be 0.0006 mW/cm<sup>2</sup> at 0.5 cm distance, a distance that is well inside the plastic case of the device.

#### FCC

This estimate definitely meets the FCC guideline of 1 mW/cm<sup>2</sup>.

#### IC

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