

This document outlines the radio frequency (RF) power output of Inovonics Wireless Frequency Agile transmitters and repeaters. Inovonics transmitters and repeaters occupy a broadcast band from 902 to 928 MHz.

Listed below are four specifications for RF power emissions.

- 1.) **PEAK POWER:**
 Peak radiated power during a transmission of one data packet:
 10mW (standard power transmitter)
 250mW (high power transmitter & repeater)

- 2.) **AVERAGE ALARM TRANSMISSION POWER :**
 Average radiated power during an alarm cycle (accounting for duty cycling):
 250μW (standard power transmitter)
 6.2mW (high power transmitter & repeater)

- 3.) **AVERAGE CHECK-IN POWER**
 Average radiated power over time (check in signals only, no alarm or restore transmissions):
 516nW (standard power transmitter)
 13μW (high power transmitter & repeater)

- 4.) **FIELD STRENGTH**
 102DbμV/m @ 3 meters (standard power transmitter)
 119DbμV/m @ 3 meters (high power transmitter & repeater)

REV	Description	Date
A	Initial Release	16 Sep 03
B	Add Field Strength	10 Dec 03

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