

This device is an integration of two existing products, 1) General Electric (GE) I-210 metrology circuit board and 2) Hunt Technologies AirPoint I-210 circuit board. The AirPoint portion of the circuit will read data from the metrology portion. The RF transmitter transmits On-Off-Keyed signals to compatible Itron receivers. It has a digitally-tuned Voltage Controlled Oscillator. Its transmit frequency is random and covers a 2.5 MHz band nominally. At room temperature, the transmitter is digitally tuned (i.e. minimum and maximum values are stored in EEPROM memory) so that its minimum transmit frequency is 913.672 MHz and its maximum transmit frequency is 916.138 MHz.