General Description of the Carematix Module Transceiver:

The Carematix module transceiver will work with any device that sends its data serially. It operates at 915.05 MHz and uses Frequency Shift Keying (FSK) modulation to transmit data. The transceiver microcontroller is usually in the sleep state, but has a running internal Real Time Clock (RTC). This sleep state can either be interrupted when it receives new data reading from the device or when a previously pending reading needs to be sent to a CPH200 Hub. All new data readings sent by the device are saved onto the EEPROM by the transceiver microcontroller along with the current (real-time) timestamp. After the transceiver has received new data readings it uses a custom RF protocol to transmit the data to the CPH200 Hub.