

Qualification Statement

EchoStream FFR Transceiver Module

FCC: HCQ3B6F

IC: 2309A-F

The EchoStream FFR Transceiver Module is being offered to satisfy the demand for a fully modular device, capable of supporting Inovonics security and senior care customers.

The module contains a radio and microcontroller on a 1.44 in² printed circuit board, and is mounted on an application board which may have an asynchronous serial bus, relays, or a back-up battery for power failure protection in a repeater device. Through optional component placement, the module can be manufactured as a receive-only device for one-way add-on receivers.

Power is received from the host device, onto which it is installed. It is capable of transmitting supervision messages wirelessly to verify battery status and link functionality. It also has the ability to transmit alarm messages to a repeater or receiver, which is then sent on to the central call station.