

Description of Operation

EUT is a Bluetooth UART Adapter with 79 channels. This device provided of transmitting speed 1.5Mbps. The device of RF carrier is GFSK. The device adapts Frequency Hopping Spread Spectrum modulation (FHSS). An embedded system can become Bluetooth enabled by inserting the Bluetooth RF module that interfaces to the embedded processor via UART interface. The antenna is Dipole Antenna, With embedded system becoming Bluetooth-enable by the Bluetooth Modules, many wireless applications will become possible, such as:

Communicate with each other wirelessly (between embedded systems, laptops, PCs, and others), including sharing or exchanges of data (i.e. wireless file transfers between bluetooth-enabled devices).