

Description of Operation

EUT is a [801.11b WLAN CardBus](#) with [11](#) channels. This device provided of transmitting speed [11/5.5/2/1Mbps](#). The device of RF carrier is CCK/DQPSK/DBPSK. The device adapts Direct Sequence Spread Spectrum modulation (DSSS). An embedded system can become WLAN enabled by inserting the 802.11b WLAN Card that interfaces to the embedded processor [via CardBus interface](#). There are two [Ceramic Chip](#) Antennas, and there is [no antenna connector](#).

With embedded system becoming 802.11b WLAN-enable by the 802.11b WLAN CardBus, 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 WLAN-enabled devices).