

1.1. EUT Description

EUT is a WLAN MiniPCI Type III with 11 Channels.

This device provides four kinds of transmitting Speed 1, 2, 5.5 and 11Mbps. The device of RF Carrier is DBPSK modulation for transmitting Speed 1Mbps, DQPSK modulation for transmitting Speed 2Mbps and CCK modulation for transmitting Speed 5.5Mbps and 11Mbps.

The device was adapted direct sequence Spread Spectrum modulation. The antenna was printed on the PCB directly provides diversity function to improve the transmitting and receiving function.

The PCI Interface provides the connection to PC for data transmissions data can be transmitted by the radio signal connect to the local network.

1. Supports up to 11 Mbps data rate: T-1 line alternative/replacement that dramatically cuts costs.
2. Working range up to 800 ft. in an open environment enhances mobility.
3. Supports point-to point and point-to –multipoint access provides increased flexibility.
4. Seamless connectivity to wired Ethernet and PC network LAN's offers quick, trouble-free integration with existing networks.
5. Robust Direct Sequence Spread Spectrum (DSSS) technology provides secure, interference-resistant wireless connection.
6. Wireless connections eliminate the hassle and cost of cabling.
7. Supports a wide range of LAN (Local Area Network) Network Operating Systems (NOS) including Windows 98 and Windows 2000.
8. Easy Plug and Play installation (T60L198)
9. Omni-directional antenna included.
10. Greater flexibility to locate or move networked PC's.