

Operational Description

This device operates in the 2.4GHz frequency band. The maximum data rate could be up to 54Mbps which OFDM technique will be applied. If the signal to noise ratio is too poor which could not support 54Mbps, the 11Mbps data rate with CCK technique will be applied.

The transmitter of the EUT is powered by power adapter. The antenna type is Dipole antenna without any antenna connector. Under normal use condition, the user has to keep at least 20cm separation distance between radiator and the body of the user.

The features of the EUT:

1. Compact, modern design
2. High speed (55Mbps in the 2.4GHz band – 802.11g)
3. Downward compatibility to the 802.11b wireless LAN standard (11Mbps data rate)
4. Remote administration and firmware upgrades through the Internet
5. DHCP service to the network
6. Sophisticated security features, including up to 128-bit WEP encryption, Web and port filtering, WAN request blocking, and DMZ hosting
7. Virtual Private Networking (VPN) over the Internet (with IPSec, L2TP, and PPTP pass-through)

The other instruction, please have a look at the users manual.