

1.2. Operational Description

The EUT IS 802.11g wireless ADSL2+ 4- Gateway which supports IEEE802.11g standards, is fully compatible with the IEEE 802.11b standard, meaning that you can have both IEEE802.11b and IEEE802.11g wireless clients in the same wireless network. This device provided four kinds of transmitting speed 1, 2, 5.5 and 11Mbps for IEEE 802.11b and eight kinds of transmitting speed 6, 9, 12, 18, 24, 36, 48 and 54Mbps for IEEE 802.11g. The device of RF carrier is DQPSK, DBPSK and CCK.

The EUT may be prone to RF(Radio Frequency) interference from other 2.4GHz device such as microwave ovens, wireless phone, Bluetooth enabled devices, and other wireless LANs.

The EUT can check the MAC addresses of wireless stations against a list of allowed or denied MAC addresses.