

Description of Operation

The EUT is a **11n Broadband Router** with **IEEE 802.11b/g/n**. And this device provided of transmitting speed:

IEEE 802.11b :11, 5.5, 2, 1Mbps

IEEE 802.11g : 54, 48, 36, 24, 18, 12, 9, 6Mbps

IEEE 802.11n HT20 : 130, 117, 104, 78, 65, 58.5, 52, 39, 26, 19.5, 3, 6.5Mbps

IEEE 802.11n HT40 : 300, 270, 243, 216, 162, 135, 121.5, 108, 81, 54, 40.5, 27, 13.5Mbps

the device of RF carrier is **CCK, DQPSK, DBPSK, 64QAM, 16QAM, QPSK and BPSK.**

Frequency Range:

IEEE 802.11b/g, 802.11n HT20 (DTS Band):2412MHz~2462MHz

IEEE 802.11n HT40 (DTS Band):2422MHz~2452MHz

Channel Number:

IEEE 802.11b/g, 802.11n HT20:11 Channels

IEEE 802.11n HT40 :7 Channels

The device adapts **DSSS and OFDM** modulation. And the antenna was a **Dipole Antenna**, and provided diversity function to improve the receiving function. It allows your computer to connect to a wireless network and to share resources, such as files or printers without being bound to the network wires.

And this EUT Operation in 2.4GHz **Direct Sequence Spread Spectrum (D.S.S.S) and Orthogonal Frequency division Multiplex (O.F.D.M)** radio transmission.

In addition, its standard compliance ensures that it can communicate with any

802.11b/g/n network.