Description of Operation

The EUT is a **AirCruiser Extreme N 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, 11, 9, 6Mbps
IEEE 802.11n HT20 : 135, 121.5, 108, 81, 27, 13.5Mbps
IEEE 802.11n HT40 : 300, 270, 243, 216, 162, 135, 121.5, 108, 81, 27, 13.5 Mbps

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

And it has two transmitter chains and two receive chains (2x2 configurations).

The device adapts **DSSS** and **OFDM** modulation. And the antennas were **two dipole**

antennas 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.

The other instruction, please have a look at the user's manual.