

Description of Operation

The EUT is a [AirCruiser Ultra N USB Adapter](#) 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 : 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.](#)

The device adapts [DSSS](#) and [OFDM](#) modulation. And the antenna was a [printed 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.

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