

Description of Operation

The EUT is a WIRELESS N MODULE with IEEE 802.11b/g and IEEE802.11n.

And this device provided of transmitting speed:

802.11b: 11, 5.5, 2, 1Mbps ; 802.11g : 54, 48, 36, 24, 18, 12, 11, 9, 6Mbps ;

802.11n: 130, 117, 104, 78, 65, 58.5, 52, 39, 26, 19.5, 13, 6.5 Mbps for HT20MHz ;

802.11n: 270, 243, 216, 162, 135, 121.5, 108, 81, 54, 40.5, 27, 13.5Mbps for HT40MHz

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

The device adapts DSSS and OFDM modulation. And the antennas were Dipole & PIFA Antennas.
For Antenna No.1 ~ 4 , it has two transmitter chains and three receive chains (2x3 configurations),
For Antenna No.5 ~ 11, it has two transmitter chains and two receive chains (2x2 configurations).

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.