Description of Operation

The EUT is a **Enterprise Access Point / Wireless Hotspot Gateway / Cluster Access Point** with **IEEE 802.11b/g/n (2T2R) , IEEE 802.11a/ac (2T2R)** . And this device provided of transmitting speed:

2.4G
IEEE 802.11b：11, 5.5, 2, 1 Mbps
IEEE 802.11g：54, 48 ,36, 24, 18, 12, 9, 6 Mbps
IEEE 802.11n (HT20) : 130, 117, 104, 78, 65, 58.5, 52, 39, 26, 19.5, 13, 6.5Mbps
IEEE 802.11n (HT40) : 300, 270, 243, 216, 162, 150, 135, 121.5, 108, 81, 54, 40.5, 27, 13.5 Mbps

5G
IEEE 802.11a : 54, 48 ,36, 24, 18, 12, 9, 6 Mbps
IEEE 802.11n(HT20) : 130, 117, 104, 78, 52, 39, 26 13Mbps
IEEE 802.11n(HT40) :300, 243, 216, 162, 108, 81, 54, 27 Mbps
IEEE 801.11ac
(HT20):156, 130, 117, 104, 78, 52, 39, 26, 13 Mbps
(HT40):360, 270, 243, 216, 162, 108, 81, 54, 27 Mbps
(HT80):866.7, 702, 585, 526.5, 468, 351, 234, 175.5, 117, 58.5 Mbps

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

The device adapts **DSSS** and **OFDM** modulation. And the antennas were **3 chip Antennas + 1 Dipole antenna & 4 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 **802.11a/b/g/n/ac** network.

2.4G frequence : 2.4~2.473 (GHz) , 5G Frequence: 5.15~5.25 & 5.725~5.85 (GHz)

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