Description of Operation

DUT is a Wireless Gateway with 13 channels using Atheros AR2317 chipset. This device provided 1/2/5.5/11/6/9/12/18/24/36/48/54 Mbps of transmitting speed for 802.11b/g standard;The device of RF carrier is DQPSK,DBPSK,CCK and OFDM. The device adapts direct sequence spread spectrum modulation. The antenna have External Antenna and Diversity Antenna

   This Wireless Gateway is an IEEE 802.11b/g Wireless base-station. It allows your client computer to connect to a wireless network and to share resources via wireless gateway, such as files or printers without being bound to the network wires. Operation in 2.4GHz Direct Sequence Spread Spectrum (DSSS) and Orthogonal Frequency Division Multiplex-ing (OFDM) radio transmission, the Wireless Gateway transfers data at speeds up to 64/128-bit Wired Equivalent Protection(WEP) algorithm and the new industrial-strength WPA (Wi-Fi Protected AccessTM) security is used. In addition, its standard compliance ensures that it can communicate with any 802.11b/g network.