

Operational Description

The EUT is a ADSL2+ VoIP IAD with 11 channels 802.11b/g /n(20MHz) and with 7 channels 802.11n(40MHz) function. The EUT provides two completed transmitters and two receivers. The EUT use an antenna working in 802.11b /g of the state and use 2 antennas working in the 802.11n(20MHz), 802.11n(40MHz) of the state. The modulation of device is DSSS, OFDM, transmitting speed 1, 2, 5.5, 11 for 802.11b, 6, 9, 12, 18, 24, 36, 48 and 54Mbps for 802.11g, up to 300Mbps for 802.11n. The technology of this device used is DSSS, OFDM.

The device adapts direct sequence spread spectrum modulation for WLAN module. The antenna provides diversity function to improve the receiving function. This device, compliant with IEEE 802.11b, IEEE 802.11g, IEEE802.11n(20MHz) and IEEE 802.11n(40MHz) is a high-efficiency Wireless LAN adapter. 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. Operation in 2.4GHz is Direst Sequence Spread Spectrum (DSSS) radio transmission, the EUT Wired Equivalent Protection (WEP) algorithm is used. In addition, its standard compliance ensures that it can communicate with any IEEE 802.11b, IEEE 802.11g, IEEE802.11n(20MHz) and IEEE 802.11n(40MHz) network devices.