

FCC ID: NDD9573150503

Description of Operation

EUT is a [Wireless USB adapter](#) with 11 channels. This device provided 1/2/5.5/11/6/9/12/18/24/36/48/54/108 Mbps of transmitting speed. The device of RF carrier is DQPSK,DBPSK,CCK and OFDM. The device adapts direct sequence spread spectrum modulation. The antenna is [Chip](#) Antenna.

This [Wireless USB adapter](#) is an IEEE 802.11b/g 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 Direct Sequence Spread Spectrum (DSSS) and Orthogonal Frequency Division Multiplex-ing (OFDM) radio transmission, the [Wireless USB adapter](#) transfers data at speeds up to 64/128-bit Wired Equivalent Protection(WEP) algorithm and the new industrial-strength WPA (Wi-Fi Protected Access™) security is used. In addition, its standard compliance ensures that it can communicate with any 802.11b/g network.

Feature of Equipment:

Items	Description
Type of Modulation	DSSS (CCK / DQPSK / DBPSK) OFDM (16QAM / 64QAM / DQPSK / DBPSK)
Number of Channels	11
Frequency Band	2400 MHz ~ 2483.5 MHz
Carrier Frequency Range	2412 MHz ~ 2462 MHz

Data Rate	1, 2, 5.5, 11 Mbps - DSSS 6, 12, 18, 24, 36, 48, 54 Mbps – OFDM 108 Mbps- OFDM - Turbo Mode
Channel Bandwidth	5 MHz
Max. Conducted Output Power	DSSS : 18.53 dBm OFDM : 15.42 dBm 11g Turbo Mode : 15.34 dBm
Antenna Type	Chip Antenna
Communication Type	Half-Duplex
Testing Duty Cycle	100.00%
Power Rating (DC/AC, Voltage)	5.00V DC from PC
Test Power Source	110.00V AC
Temperature Range (Operating)	0 ~ 55 °C