

Operational Description

ST585v6 HP is an 802.11b/g ADSL router adapting Direct Sequence Spread Spectrum (DSSS) and Orthogonal Frequency Division Multiplexing (OFDM) modulation.

This device is equipped with one integrated and one external antenna. The integrated antenna is PIFA antenna without connector, and the external antenna is dipole antenna, which is via a coaxial cable connected to RF output port on main board, the connector type is MHF-type connector. Both antennas are for transmission and receiving.

This device is consigned with 11 channels, and the maximum data transfer rate is up to 54 Mbps as in OFDM (11g) mode and 11 Mbps as in DSSS (11b) mode.

For more technical facts and specifications of the device, please refer to the information provided in the user's manual.

The table below shows the radio information of the EUT:

Modulation Type	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM
Radio Technology	DSSS, OFDM
Transfer Rate	IEEE 802.11b: 11/5.5/2/1Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6Mbps
Frequency Range	2400MHz ~ 2483.5MHz
Number of Channel	11