



## Technical Description

The Wireless-G USB Network Adapter with SRX400 combines smart antenna technology with standards-based Wireless-G (802.11g) networking.

1. The EUT incorporates a MIMO function with IEEE 802.11b/g. Physically, the card provides two complete transmitter and two receivers.
2. The EUT is 2\*2 spatial MIMO (2TX & 2RX) without beam forming function that only operate dual chain configuration (both chain 0 and chain 1 transceivers are operational).
3. When the EUT operates in OFDM (SIMO) mode, the transfer rate of transmitting is up to 54Mbps. When the EUT operates in OFDM (MIMO) mode, the transfer rate of transmitting is up to 126Mbps.
4. When the EUT operates in ACE-OFDM (SIMO) mode, the transfer rate of transmitting is up to 126Mbps. When the EUT operates in ACE-OFDM (MIMO) mode, the transfer rate of transmitting is up to 240Mbps. (ACET: Adaptive Channel Expansion Technology)
5. The "SIMO" mean both TX chains transfer same packet data during operating and "MIMO" mean both TX chains transfer different packet data.

The transmitter of the EUT is powered by host equipment. The antenna is Dipole antenna with UFL connector.

The other instruction, please have a look at the users manual.