

## Operational Description

The Wireless-G PCI Adapter with SRX combines smart antenna technology with standards-based Wireless-G (802.11g) networking. By overlaying the signals of two Wireless-G compatible radios, the "Multiple In, Multiple Out" (MIMO) technology effectively achieve greater throughput. Unlike ordinary wireless networking technologies that are confused by signal reflections, MIMO actually uses these reflections to increase the range and reduce "dead spots" in the wireless coverage area. The robust signal travels farther, maintaining wireless connections up to three times farther than standard Wireless-G. And the farther away you are, the more advantage you get—the higher data rate and reflection-friendly technology can yield up to better throughput than Wireless-G in some situations. The network avoids interference by dynamically switching to the clearest channel available. Even your standard Wireless-G and Wireless-B equipment will work better when communicating with SRX-enabled devices.

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

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