

## Operational Description

This device is a 802.11b/g WLAN Mini PCI Card, the maximum data rate could be up to 54Mbps which OFDM technique will be applied. If the signal to noise rate is too poor which could not support 54Mbps, the 11Mbps data rate with DSSS technique will be applied.

The transmitter of EUT (802.11b/g WLAN Mini PCI Card) is powered from host equipment. The antenna used in this product as below:

| Item | Antenna Type | Gain (dBi) | Cable Loss (dB) | Net Gain (dBi) | Antenna Connector |
|------|--------------|------------|-----------------|----------------|-------------------|
| 1    | PIFA         | 1.8        | 0.5             | 1.3            | Hirose Connector  |
| 2    | PIFA         | 1.8        | 0.7             | 0.9            | Hirose Connector  |

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