

Operational Description

This device is an IEEE 802.11 b/g PCI-Express Wireless Module, the maximum data rate could be up to 54Mbps which OFDM technique will be applied. If the signal to noise ratio is too poor which could not support 54Mbps, the 11Mbps data rate with CCK technique will be applied.

The transmitter of the EUT (IEEE 802.11 b/g PCI-Express Wireless Module) is powered by host equipment. The antennas used in this product are as below:

No.	Model No.	Gain (dBi)	Antenna Type	Connector
1	13G018004000	2.3803	$1/2 \lambda$ Dipole	RSMA
2	13G010067000	2.21	$1/2 \lambda$ Dipole	RSMA
3	13G010067010	1.98	$1/2 \lambda$ Dipole	RSMA
4	13G010071001	1	$1/2 \lambda$ Dipole	RSMA
5	13G010071000	2.38	$1/2 \lambda$ Dipole	RSMA
6	13-120001022	0.92	$1/2 \lambda$ Dipole	RSMA

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