

Operational Description

This device is a 2.4GHz IEEE802.11g Mini PCI which operates in the 2.4GHz frequency spectrum with throughput of 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. This project is seeking the authorization of limited module approval specific to the mobile device such as access point and router.

The transmitter of the EUT is powered by host equipment via a mini-PCI interface, please refer to the following table about its antenna connectors' combinations:

No.	Antenna Type	Gain (dBi)	Antenna Connector
1	Dipole	3	NA
2	Dipole	0	Reversed SMA
3	Inverted-F	-1	NA
4	Dipole	2	Reversed SMA
5	Dipole	2	Reversed TNC
6	Dipole	1	NA
7	Dipole (Gray)	2	MMCX
8	Dipole (for dual band) (Gray)	2	MMCX

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