

Operational Description

This device is an 802.11b/g USB 2.0 Mini-Card WLAN 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 (802.11b/g USB 2.0 Mini-Card WLAN Module) is powered by host equipment.

There is one antenna provided to this EUT, and following nine different models could be chosen:

Item	Brand name	Model name	Antenna Type	Gain (dBi)	Connector Type
1	鴻呈(VSO)	14-212-P60111	PIFA	0.46	I-PEX
2	鴻呈(VSO)	82-101-01210110	PIFA	-0.31	I-PEX
3	鴻呈(VSO)	82-101-01210120	PIFA	-1.55	I-PEX
4	惠賢(FVC)	K05007001203	PIFA	-1.63	I-PEX
5	惠賢(FVC)	K05007000403	PIFA	0.15	I-PEX
6	Well Green Technology	M560A	PIFA	-1.8	I-PEX
7	鴻呈(VSO)	82-101-01210080	PIFA	-0.22	I-PEX
8	鴻呈(VSO)	82-101-01210070	PIFA	-0.22	I-PEX
9	Well Green Technology	SKM66WIP101A	PIFA	-1.67	I-PEX

From the above antenna, the **Antenna 1** was selected as representative model for the test.

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