

Operational Description

This device is a 802.11b/g USB 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 WLAN Module) is powered by host equipment.

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

Item	Brand name	Model name	Antenna Type	Gain (dBi)	Connector Type
1	INPAQ	DAMI1BR18001000a2 (RG178)	1/2 λ dipole	2 dBi	R-SMA
2	INPAQ	DAMI1BR28001000 (RG174)	1/2 λ dipole	2.5 dBi	R-SMA
3	GOLDEN BRIDGE	AB006AQ0179R	1/2 λ dipole	2 dBi	R-SMA
4	GOLDEN BRIDGE	AB006AQ0175R	1/2 λ dipole	2 dBi	R-SMA

From the above antenna, the **Antenna 2** was selected as representative model for the test and its data was recorded in this report.

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