

## Operational Description

This device is a 802.11g Wireless Router, the maximum data rate could be up to 54Mbps (108Mbps for Turbo mode, channel 6 ) 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 (802.11g Wireless Router) is powered by power adapter. The antennas type used in this product are as below.

No.	Model No.	Gain (dBi)	Antenna Type	Antenna Connector	Remark
1	NA	-2.0 dBi	Printed Antenna	NA	RX only
2	IW-241RS-120-1	2.0 dBi	Dipole Antenna	R-SMA	TX/ RX
3	SA2-05035-A5	4.5 dBi	Dipole Antenna	R-SMA	TX/ RX

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