

Operational Description

This device is a IEEE 802.11g Wireless Access Point, 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 radio is too poor which could not support 54Mbps, the 11Mbps data rate with CCK technique will be applied.

The transmitter of the EUT (IEEE 802.11g Wireless Access Point) is powered by power adapter or adapter+POE.

The antenna used in this product are as following.

Model	Antenna Type	Antenna Connector	Gain (dBi)	Cable loss(dB)
ANT24-0500	Dipole	N female	5.0 dBi	2
SAW0009A1	Dipole	REVERSE SMA	5.0 dBi	0
DWL-R60AT	MICRO-STRIP PATCH	REVERSE SMA	7.61 dBi	0
SA2-05035G-A5	Dipole	RP-SMA Plug	5.0 dBi	0
ANT24-0700	Dipole	REVERSE SMA	5.89 dBi	0
ANT24-0501	Dipole	N female	5.0 dBi	0
ANT24-0401	Dipole	SMA Female	3.5 dBi	1.5
ANT24-0400	Dipole	RP-SMA Plug	4.0 dBi	0
ANT24-1200	PATCH	MA Female	12.0 dBi	3.2
ANT24-0600	$1/2 \lambda$ Dipole	SMA Plug Reverse	5.0 dBi	0

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