Operational Description

This device is a 802.11 b/g/n wireless card, which operates in 2.4GHz band, the maximum data rate could be up to 300Mbps which OFDM technique. If the signal to noise radio is too poor which could not support 300Mbps, the 11Mbps data rate with DSSS technique will be applied.

The transmitter of the EUT is powered by 3.3V±10%dc from the host equipment.

There are six sets of antennas provided to this EUT, please refer to the following table:

Antenna A					
Chain	Manufacture	Model name	Gain (dBi)	Type	Connector
Chain (0)	WHA YU GROUP.	C1318-510004-A	1.5dBi (Included cable loss)	PCB	U.FL
Chain (1)	WHA YU GROUP.	C1318-510004-A	1.5dBi (Included cable loss)	PCB	U.FL
Antenna B					
Chain	Manufacture	Model name	Gain (dBi)	Type	Connector
Chain (0)	WHA YU GROUP.	C1318-510005-A	0.1dBi (Included cable loss)	PCB	U.FL
Chain (1)	WHA YU GROUP.	C1318-510005-A	0.1dBi (Included cable loss)	PCB	U.FL
Antenna C					
Chain	Manufacture	Model name	Gain (dBi)	Type	Connector
Chain (0)	WHA YU GROUP.	C1318-510006-A	-0.6dBi (Included cable loss)	PCB	U.FL
Chain (1)	WHA YU GROUP.	C1318-510006-A	-0.6dBi (Included cable loss)	PCB	U.FL
Antenna D					
Chain	Manufacture	Model name	Gain (dBi)	Type	Connector
Chain (0)	WHA YU GROUP.	C1318-510007-A	-0.2dBi (Included cable loss)	PCB	U.FL
Chain (1)	WHA YU GROUP.	C1318-510007-A	-0.2dBi (Included cable loss)	PCB	U.FL
Antenna E					
Chain	Manufacture		Gain (dBi)	Type	Connector
Chain (0)	WHA YU GROUP.	C1318-510009-A	0.1dBi (Included cable loss)	PCB	U.FL
Chain (1)	WHA YU GROUP.	C1318-510009-A	0.1dBi (Included cable loss)	PCB	U.FL
Antenna F					
Chain	Manufacture	Model name	Gain (dBi)	Type	Connector
Chain (0)	WHA YU GROUP.	C1318-5100011-A	0.5dBi (Included cable loss)	PCB	U.FL
Chain (1)	WHA YU GROUP.	C1318-5100011-A	0.5dBi (Included cable loss)	PCB	U.FL

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