



Operational Description

This device is a 802.11 b/g/n Wireless Mini PCI Card, which operates in the 2.4GHz frequency spectrum with throughput of up to 300Mbps which OFDM technique will be applied. If the signal to noise ratio 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 3.3Vdc from the host equipment.

The following antennas were provided to this EUT.

Item	Brand	Model	Type	Gain (dBi)	Antenna connector
1	Airgain	M2445J	PIFA	4.50	U.FL
2	Airgain	N2420	Printed	3.30	U.FL
3	Airgain	A2440	Printed	3.50	U.FL
4	Airgain	A2460S	Printed	6.00	U.FL
5	WANSIH	WSS002	Dipole	2.00	I-PEX
6	ThinkYard	500001-A	Dipole	1.50	I-PEX
7	WellGreen	CD200APDI01+A	Dipole	1.59	I-PEX

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