

Operational Description

This device is a Pepwave / Peplink / Pismo Wireless Product, which operates in 2.4GHz bands; the maximum data rate could be up to 150Mbps which OFDM technique. If the signal to noise ratio is too poor which could not support 150Mbps, the 11Mbps data rate with DSSS technique will be applied.

The transmitter of the EUT is powered by DC 5V, 2A from Micro USB or DC 12V-24V from Terminal Block.

The antennas provided to the EUT, please refer to the following table.

For WLAN							
Set	Brand	Model	Ant. Gain (dBi)	Frequency range (GHz to GHz)	Antenna Type	Connector Type	
1	WNC	9E.XCI15.001	5.1	2.4~2.5	Dipole	Reverse SMA	
For GPS							
Set	Brand	Model	Ant. Gain (dBi)	Frequency range (MHz)	Antenna Type	Connector Type	
1	Chang Hong	GPS-01	-1	1575.42 (±1.023MHz)	Magnetic	R-SMA Male	
For LTE							
Set	Transmitter Circuit	Brand	Model	Ant. Gain (dBi)	Frequency range (MHz to MHz)	Antenna Type	Connector Type
1	Cellular Main	Pulse	SPDA24700/2700	2	698-960	Dipole	SMA Male
	Cellular Diversity / Aux				1710-2170 2500-2700	Dipole	SMA Male

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