

Operational Description

This device is a Wireless N300 Router, which operates in 2.4GHz bands; the maximum data rate could be up to 300MbpsS 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 DC 12V from power adapter.

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

Transmitter Circuit	Brand	Model No.	Gain (dBi) (excluding cable loss)	Cable Loss (dB)	Net Gain (dBi)	Freq. Range (GHz to GHz)	Ant. Type	Connecter Type	Cable Length (mm)
Chain (0)	SHENZHEN HFC TECHNOLOGY CO.,LTD	800000000344	3	0.25	2.75	2.4 ~ 2.4835	Dipole	NA	100
Chain (1)		800000000341	3	0.51	2.49	2.4 ~ 2.4835	Dipole	NA	200

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