

## Operational Description

This device is a Single-band Wireless-N Range Extender, which operates in 2.4GHz band; the maximum data rate could be up to 300Mbps which OFDM technique. 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 DC 12V from Internal power supply.

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

| Transmitter Circuit | Antenna Type | Gain (dBi) | Connector type | Frequency range (MHz to MHz) |
|---------------------|--------------|------------|----------------|------------------------------|
| Chain (0)           | PIFA         | 2.8        | NA             | 2400-2500                    |
| Chain (1)           | PIFA         | 2.8        | NA             | 2400-2500                    |

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