

Operational Description

This device is an IEEE802.11n Wireless 2T2R Router, which operates in the 2.4GHz frequency spectrum with throughput of up to 150Mbps which OFDM technique will be applied. If the signal to noise rate is too poor which could not support 150Mbps, the 11Mbps data rate with DSSS technique will be applied.

Note

1. There are two antennas provided to this EUT, please refer to the following table:

Chain	Antenna Type	Antenna Gain(dBi)	Connector
Chain (0)	Dipole	2	REVERSE SMA
Chain (1)	Dipole	2	REVERSE SMA

2. The EUT must be supplied with a power adapter as following information:

Brand:	SIL
Model No.:	SSA-5W-05 US 050100N
Input power :	AC 100~240, 0.2A, 50~60Hz
Output power :	DC 5V, 1000mA DC output cable (Unshielded, 1.78m)

3. The EUT incorporates a MIMO function with 802.11n. Physically, the EUT provides two completed transmitters and two completed receivers.
4. The EUT is 2 * 2 spatial MIMO (2Tx & 2Rx) without beam forming function. The antenna configurations are two transmitter antennas and two receiver antennas, as there are 2 Dipole antennas. Spatial multiplexing modes for simultaneous transmission using 2 antennas, and for simultaneous receiver using 2 antennas. The 11b/g legacy mode is limited to single transmitter only.
5. The EUT complies with 802.11n standards and backwards compatible with 802.11b, 802.11g products.
6. The above EUT information was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.