

## 2.2 OPERATIONAL DESCRIPTION

The Transmitter of EUT is a Broadband Router and powered by AC adapter. This device have one antenna. The other instruction, please look at user manual.

This is Digital transmission System(DTS) and have four type of modulation DSSS, DBPSK, DQPSK,OFDM, CCK. The data rate are 1,2,5.5,11,6,9,12,18,24,36,48.54 Mbps. The equipment enables high-speed access without wires to network assets. This adapter uses the IEEE 802.11b & 802.11g protocol to enable wireless communications between the host computer and other computers, in the same way that the computer would use an Ethernet adapter.

## 2.3 TEST MODES & EUT COMPONENTS DESCRIPTION

<b>EUT: Broadband Router, M/N: BR330g</b>		
<b>The EUT tested with Notebook PC.</b>		
<b>Test Mode</b>	<b>Continue Transmit</b>	
	<b>Mode 1</b>	<b>Mode 2</b>
	802.11b	802.11g

## 2.4 SUMMARY OF TEST PROCEDURE AND TEST RESULTS

<b>Test Item</b>	<b>Applied Standard Section</b>	<b>Test Result</b>
Conduction Emission	15.207, ANSI C63.4 Section 7	Pass (refer to section 3.7)
Radistion Emission	15.209, ANSI C63.4 Section 8	Pass (refer to section 4.7)
Peak Power Output	15.247(b), ANSI C63.4 Section 13 & Annex I	Pass (refer to section 5.4)
Band Edge	15.247(c) , ANSI C63.4 Section 13 & Annex I	Pass (refer to section 6.6)
Occupied Bandwidth	15.247(a) , ANSI C63.4 Section 13 & Annex I	Pass (refer to section 7.4)
Power Density	15.247(d) , ANSI C63.4 Section 13 & Annex I	Pass (refer to section 8.4)