

## 1.2. Operational Description

The EUT is a Digital Set Top Box with a built-in 2.4GHz transceiver. There are 11 channels in 2412 – 2462MHz. The channels are separated by 5MHz. This device supports the data rates of 1, 2, 5.5, 11Mbps in 802.11b mode and 6, 9, 12, 18, 24, 36, 48, 54Mbps in 802.11g mode. The signals are modulated by DSSS in 802.11b mode and OFDM in 802.11g mode. The antenna type is PIFA and Dipole.

Test Mode	Mode 1: Transmitter 802.11b - Antenna 1+Power Adapter(1)
	Mode 2: Transmitter 802.11g - Antenna 1+Power Adapter(1)
	Mode 3: Transmitter 802.11b - Antenna 2+Power Adapter(2)
	Mode 4: Transmitter 802.11g - Antenna 2+Power Adapter(2)