1.2.   Operational Description

The EUT is a MEGA BOOK with built-in 2.4GHz Bluetooth transceiver and WLAN transceiver. The EUT also contains Camera, Consumer Infrared, Audio Port Connectors, IEEE 1394, 3 in 1 Card Reader, Express Card Slot, USB Port, Digital Panel Connector (DVI-I), PC Card Slot, S-Video Connector, TV-Tuner Connector, RJ-45 Connector and RJ-11 Connector.

The EUT provides wireless technology that revolutionizes personal connectivity. It is the solution for the seamless integration of Bluetooth technology into personal computer enabling short-range wireless connections between desktop/laptop computers, Bluetooth-enabled peripherals, and portable handheld devices. The Bluetooth signals are modulated by frequency hopping spread spectrum. The number of channels is 79 in 2402-2480MHz.

WLAN is a modular approval of the Intel PRO/Wireless 3945ABG Network Connection (MN: WM3945ABG, FCC ID: PD9WM3945ABG) which is an embedded 802.11a/b/g network adapter operating in the 2.4 GHz and 5 GHz spectrum. The number of channels is 11 in 2412-2462MHz at 802.11b mode and 802.11g mode. The number of channels is 5 in 5725-5825MHz at 802.11a mode.