

## **Description of The EUT**

The EUT, MRT320 is a Hand-Held Retail Unit with wireless function. It also is a mobile device and Generally it be used in such a way that a separation distance of at least 20 centimeters between the EUT and the body of the user or nearby person.

The EUT provide the combined function of the IEEE 802.11b Direct Sequence Spread Spectrum (DSSS) and 802.11g Orthogonal Frequency Division Multiplexing (OFDM) baseband modulation. It has 2.4GHz work frequency and be equipped with Patched Inverse F Antenna (PIFA). The EUT has data rate of 1, 2, 5.5 and 11Mbps for 802.11b, as well as 6, 9,12,24, 36,48 and 54Mbps for 802.11g in the 2.4GHz.

The EUT can be connected to PC via USB cable or WLAN. It can get the retail information by bar code scanner and also use Keypay to Key in the letters, numbers, special symbols as you need. There is a Magnetic Stripe Reader (MSR) on the front of the MRT320 to read a magnetic card correctly. There is an integrated thermal printer on the front of the MRT320. This EUT also is equipped with a memory card slot. It can accommodate one memory card (SD/MMC).

**Figure 2: Marvell Chipset Solution for Client Applications**

