WWE101 circuit Technical Description

The Equipment Under Test(EUT) is a Netbook with Wifi operating at 2.412-2.462GHz, 11 channels seletction separated by 5MHz channel spacing. The EUT is installed with Windows CE operatin system and can carry out the base functin of PC. The device is powered by 1X8.4V rechargeable battery or AC 120V/60Hz via an external Adapter.

Type of Modulation: CCK for 802.11b and OFDM for 802.11g.

Antenna Type: external 2.4GHz Antenna.

Frequency List:

2412 MHz 2417 MHz 2422 MHz 2427 MHz 2432 MHz 2437 MHz 2442 MHz 2447 MHz 2452 MHz 2457 MHz 2462MHz

Main IC Fuction:

At MAIN PCB

1) U1(InfoTM IMP210) is CPU with varied function such as Control Unit Arithmetic Logic Unit.

2) U4 U5 is DDR2 SDRAM.

3) U10 is NAND flash memory:

4) U12 is HDMI decode IC

5) U7 is audio decode IC

6) U31 is G-Sensor

7) Q12 U25 is recharge IC

8) U35, U36,U37, U13 , U22 ,U11，U41，U38，U2，U15，U18，U20，

U40 is power regulator

9)X2 is oscillator for U1 mian frequncy.

10) X1 is oscillator for U1 RTC frequncy.

11) J6 is PC camary

12) U16 is GPS IC