

Date: 08/25/04

### 2450MHz Body SAR (Lap-held) - Back Side of DUT Touching Planar Phantom - WLAN Single Transmit

**DUT: Itronix Model: IX100XA750WLBT; Type: Rugged Handheld PC with 802.11b/Bluetooth/GPRS; Serial: 510495001-U5103-0025**

Ambient Temp: 24.0°C; Fluid Temp: 22.5°C; Barometric Pressure: 101.0 kPa; Humidity: 30%

7.4V, 3.0Ah Li-ion Battery Pack

Communication System: DSSS

Frequency: 2437 MHz; Duty Cycle: 1:1

RF Output Power: 14.0 dBm (Peak Conducted)

Medium: M2450 ( $\sigma = 1.97$  mho/m;  $\epsilon_r = 50.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>)

- Probe: ET3DV6 - SN1590; ConvF(4.22, 4.22, 4.22); Calibrated: 24/05/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 14/05/2004
- Phantom: Barski Industries; Type: Fibreglas Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

### Back of Device Touching Planar Phantom - Without Carry Case - Mid Channel

**Area Scan (10x22x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.00435 mW/g

