

Test Laboratory: C&C Laboratory CO., Ltd
File Name: [pcmcia.da4](#)

pcmcia CH6 Rate: 1mb

**DUT: 2.4GHz wireless PCI Card Adapter; Type: DWL-650; Serial: FCC ID:
Program: touch**

Communication System: 802.11b WLAN pci card; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: BSL2450 ($\sigma = 2$ mho/m, $\epsilon_r = 50.64$, $\rho = 1000$ kg/m³)

Air Temperature 25.8 deg C ; Liquid Temperature 25.3 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(4.6, 4.6, 4.6); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

1 mb/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 11.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.367 mW/g

1 mb/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.809 W/kg

[SAR\(1 g\) = 0.413 mW/g](#); SAR(10 g) = 0.212 mW/g

Reference Value = 11.8 V/m

Power Drift = -0.1 dB

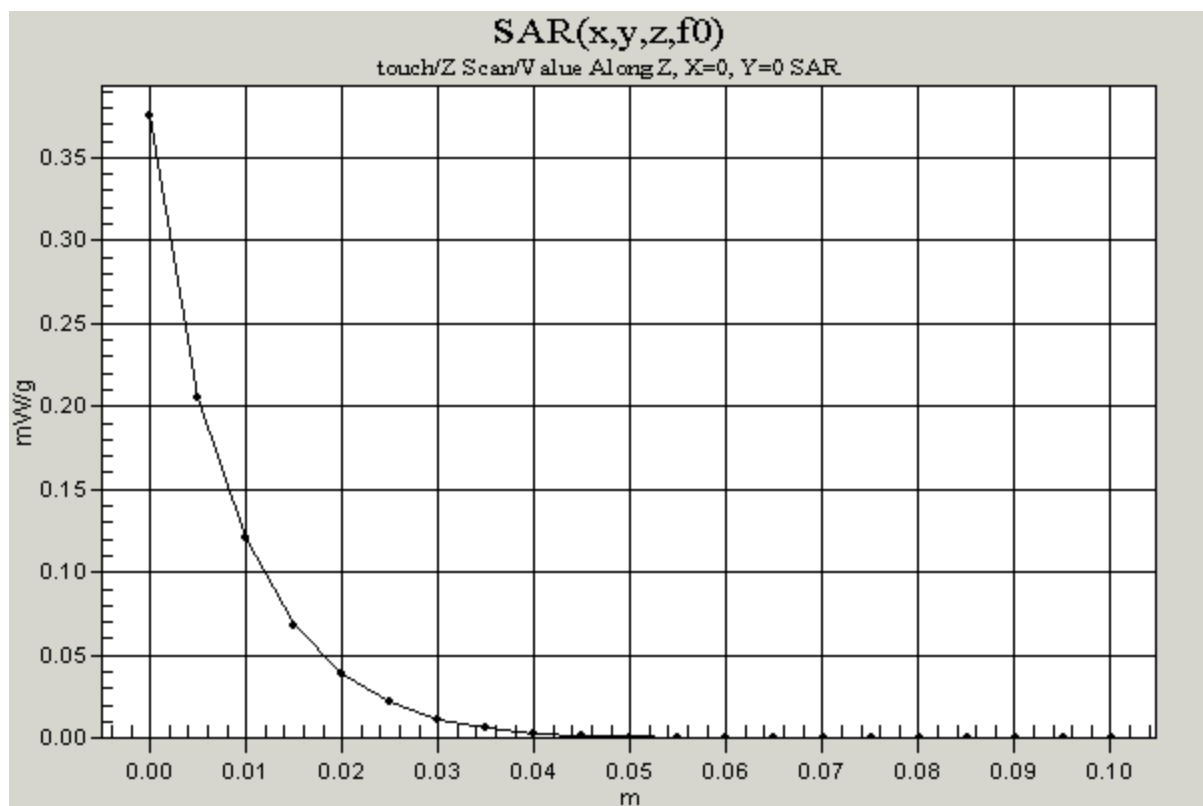
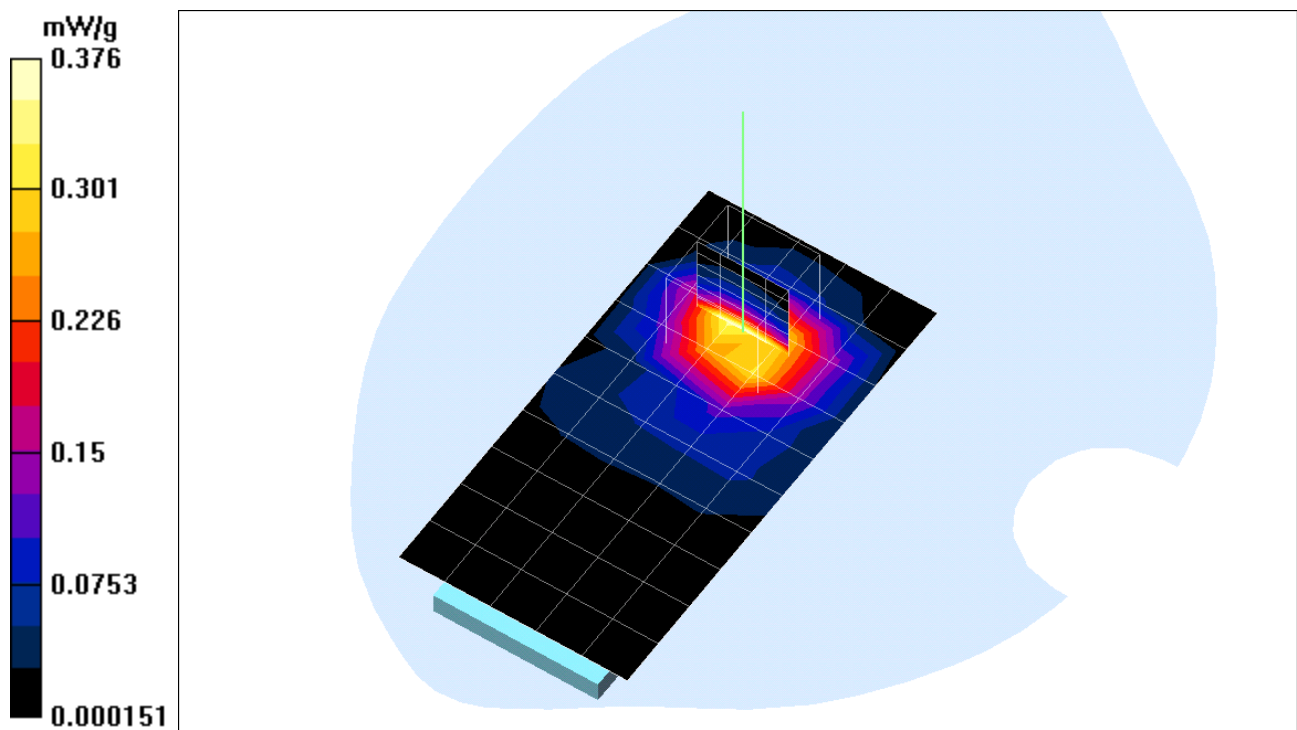
Maximum value of SAR = 0.434 mW/g

1 mb/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 11.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.376 mW/g



Test Laboratory: C&C Laboratory CO., Ltd
File Name: [pcmcia.da4](#)

pcmcia ch 6 Rate : 2mb

**DUT: 2.4GHz wireless PCI Card Adapter; Type: DWL-650; Serial: FCC ID:
Program: touch**

Communication System: 802.11b WLAN pci card; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: BSL2450 ($\sigma = 2$ mho/m, $\epsilon_r = 50.64$, $\rho = 1000$ kg/m³)

Air Temperature 25.8 deg C ; Liquid Temperature 25.3 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(4.6, 4.6, 4.6); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

2 mb/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 10 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.492 mW/g

2 mb/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 10 V/m

Power Drift = -0.009 dB

Maximum value of SAR = 0.438 mW/g

2 mb/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

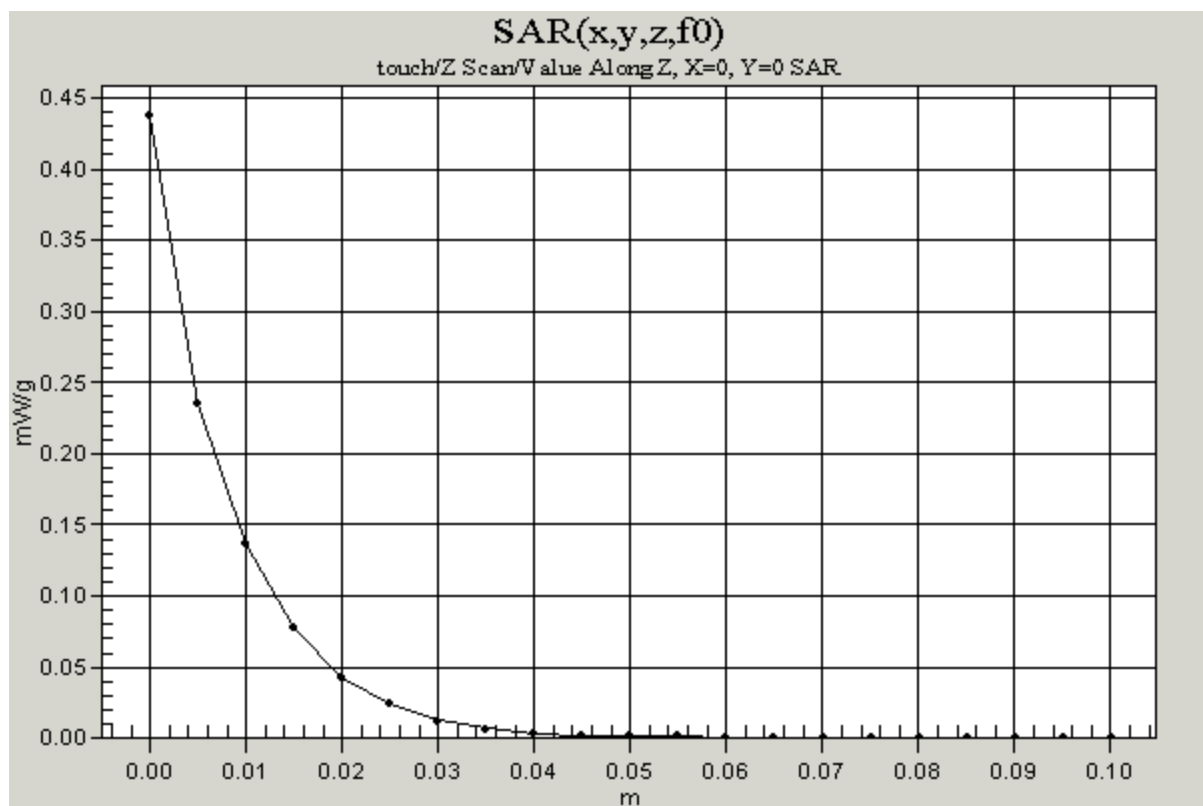
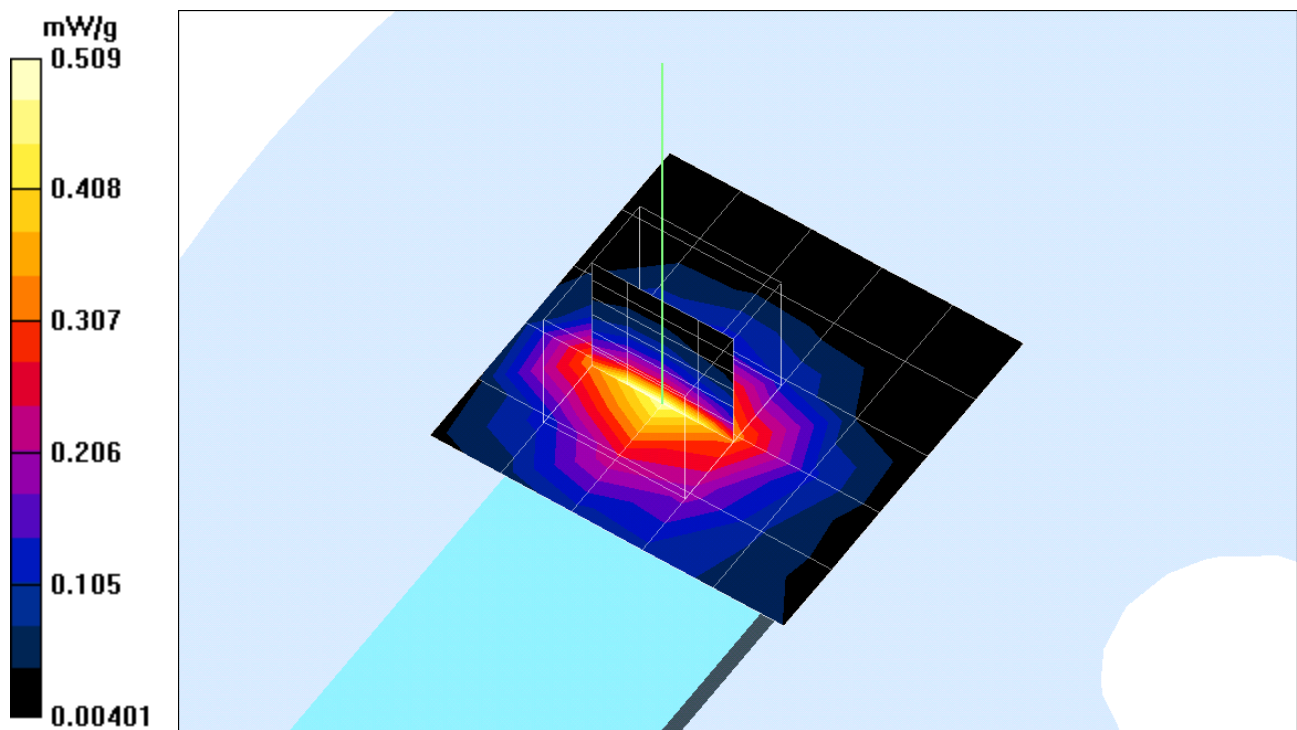
Peak SAR (extrapolated) = 0.951 W/kg

[SAR\(1 g\) = 0.476 mW/g](#); SAR(10 g) = 0.242 mW/g

Reference Value = 10 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.509 mW/g



Test Laboratory: C&C Laboratory CO., Ltd
File Name: [pcmcia.da4](#)

pcmcia ch6 Rate : 5.5mb

**DUT: 2.4GHz wireless PCI Card Adapter; Type: DWL-650; Serial: FCC ID:
Program: touch**

Communication System: 802.11b WLAN pci card; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: BSL2450 ($\sigma = 2$ mho/m, $\epsilon_r = 50.64$, $\rho = 1000$ kg/m³)

Air Temperature 25.8 deg C ; Liquid Temperature 25.3 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(4.6, 4.6, 4.6); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

5.5 mb/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 13.5 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.5 mW/g

5.5 mb/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 13.5 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.463 mW/g

5.5 mb/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

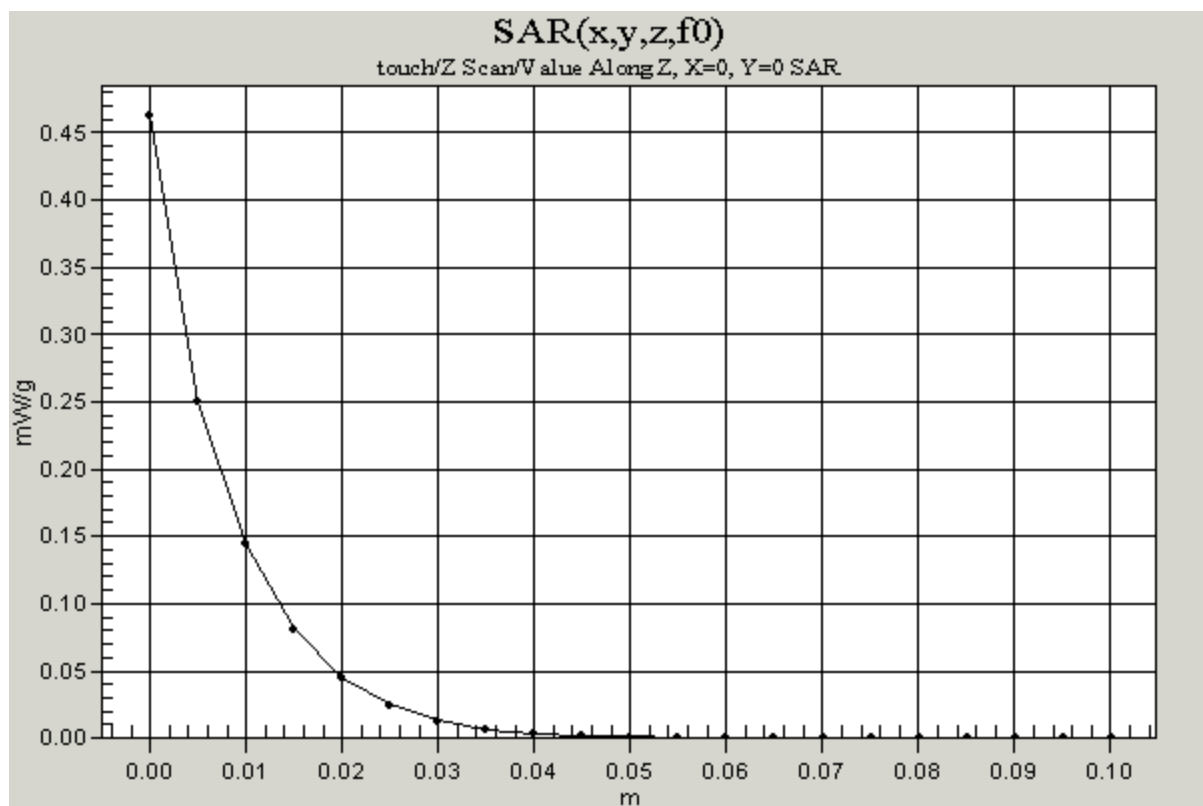
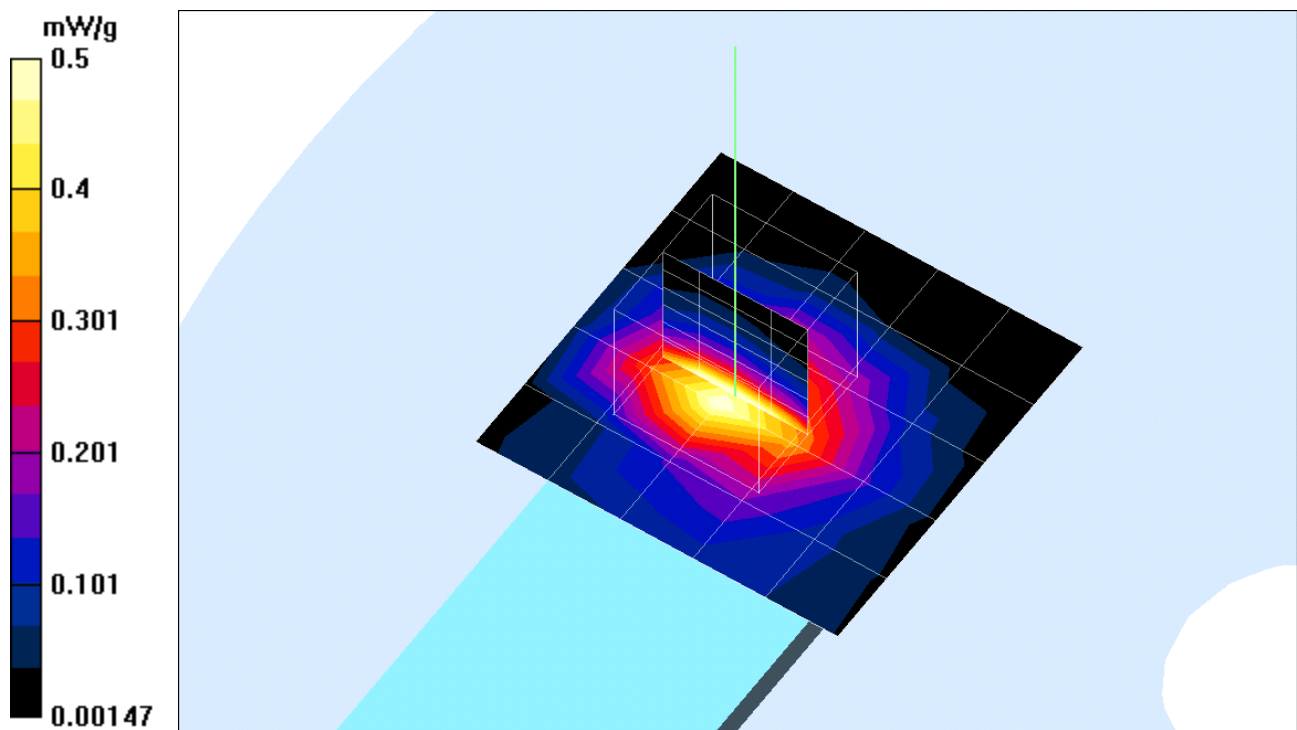
Peak SAR (extrapolated) = 0.999 W/kg

[SAR\(1 g\) = 0.503 mW/g](#); SAR(10 g) = 0.256 mW/g

Reference Value = 13.5 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.533 mW/g



Test Laboratory: C&C Laboratory CO., Ltd
File Name: [11mb touch.da4](#)

Rate:11mb touch ch1

**DUT: 2.4GHz wireless PCI Card Adapter; Type: DWL-650; Serial: FCC ID:
Program: PCMCIA**

Communication System: 802.11b WLAN pci card; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: BSL2450 ($\sigma = 2$ mho/m, $\epsilon_r = 50.64$, $\rho = 1000$ kg/m³)

Air Temperature 25.8 deg C ;Liquid Temperature 25.3 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(4.6, 4.6, 4.6); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

touch ch1/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 11.1 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.521 mW/g

touch ch1/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 11.1 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.453 mW/g

touch ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

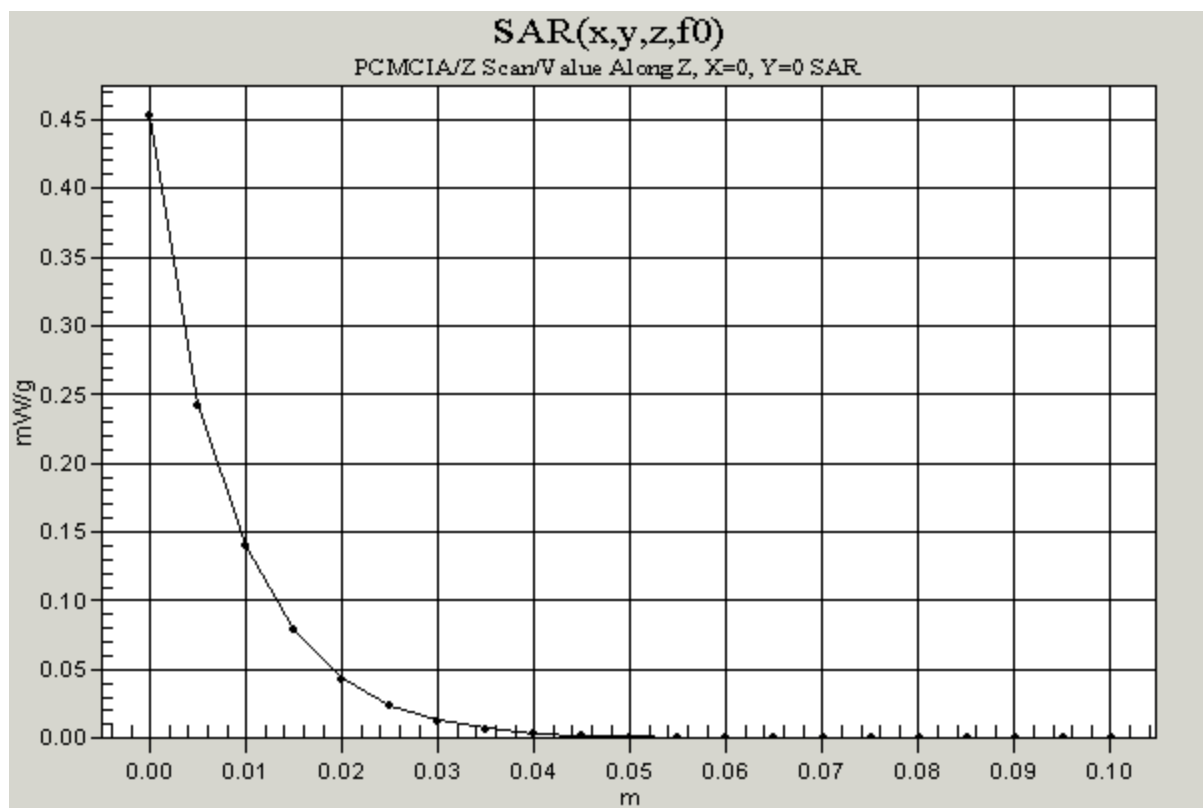
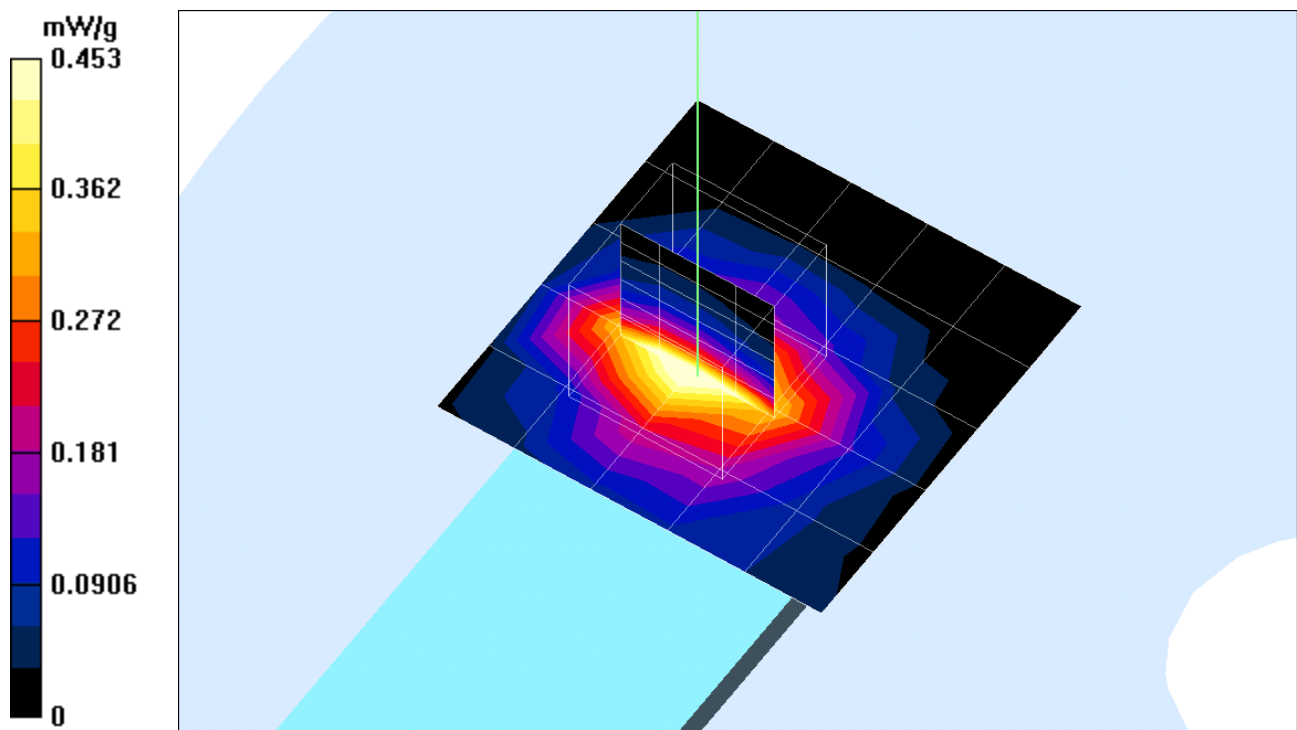
Peak SAR (extrapolated) = 0.972 W/kg

SAR(1 g) = 0.49 mW/g; SAR(10 g) = 0.25 mW/g

Reference Value = 11.1 V/m

Power Drift = 0.03 dB

Maximum value of SAR = 0.521 mW/g



Test Laboratory: C&C Laboratory CO., Ltd
File Name: [pcmcia.da4](#)

pcmcia ch 6 Rate:11 mb

**DUT: 2.4GHz wireless PCI Card Adapter; Type: DWL-650; Serial: FCC ID:
Program: touch**

Communication System: 802.11b WLAN pci card; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: BSL2450 ($\sigma = 2$ mho/m, $\epsilon_r = 50.64$, $\rho = 1000$ kg/m³)

Air Temperature 25.8 deg C ; Liquid Temperature 25.3 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(4.6, 4.6, 4.6); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

11 mb/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 13.1 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 0.488 mW/g

11 mb/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.261 mW/g

Reference Value = 13.1 V/m

Power Drift = 0.01 dB

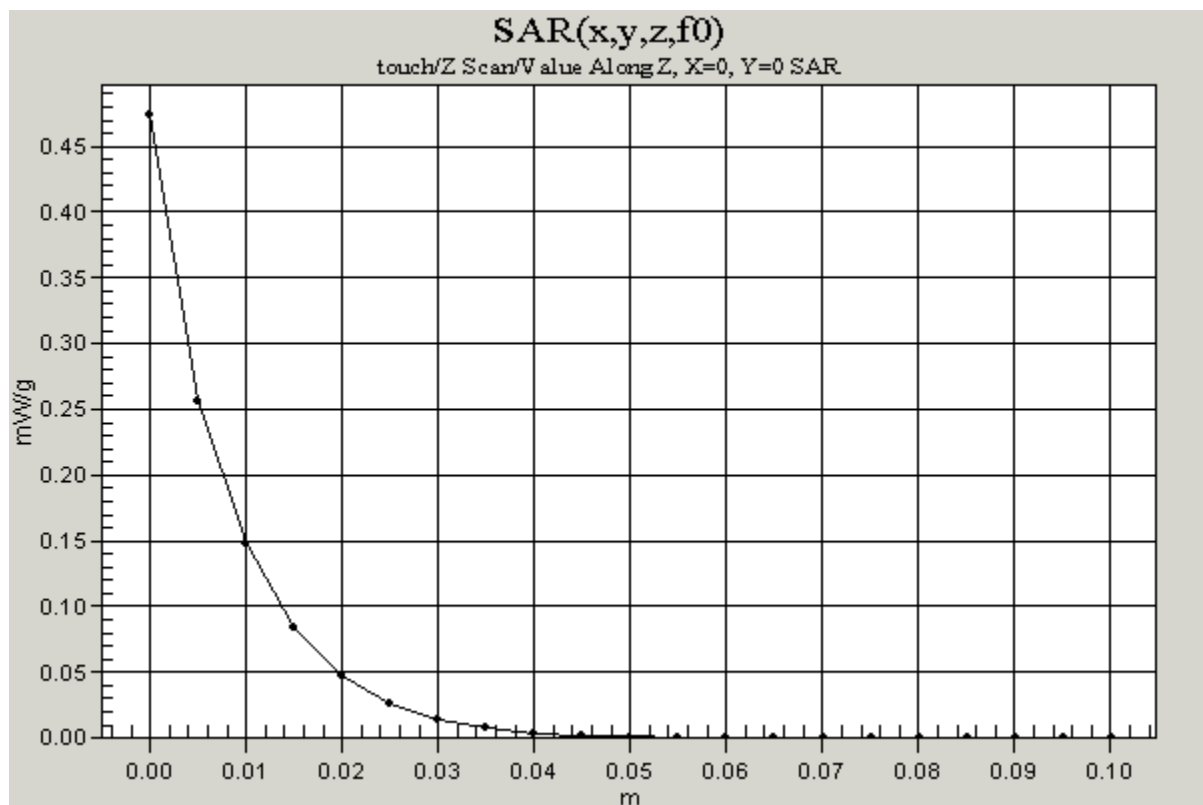
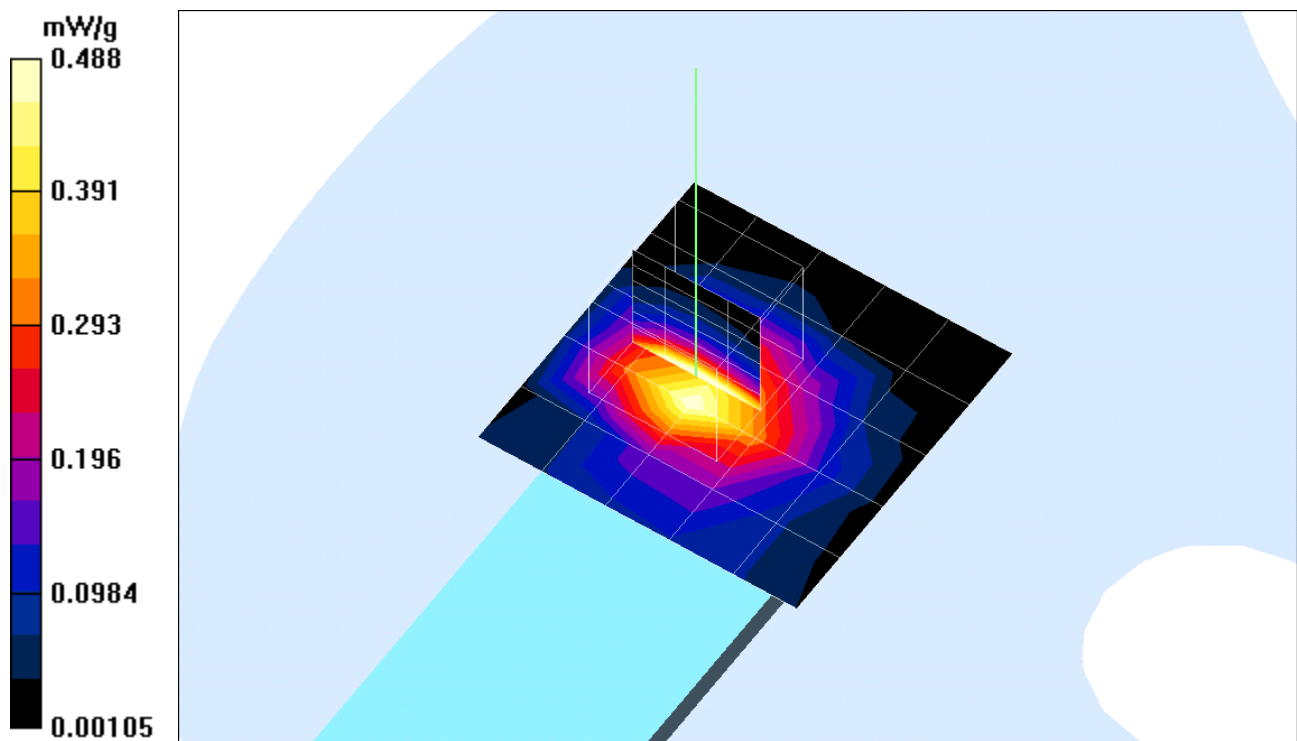
Maximum value of SAR = 0.557 mW/g

11 mb/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 13.1 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 0.474 mW/g



Test Laboratory: C&C Laboratory CO., Ltd
File Name: [11mb touch.da4](#)

Rate:11mb touch ch 11

**DUT: 2.4GHz wireless PCI Card Adapter; Type: DWL-650; Serial: FCC ID:
Program: PCMCIA**

Communication System: 802.11b WLAN pci card; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: BSL2450 ($\sigma = 2$ mho/m, $\epsilon_r = 50.64$, $\rho = 1000$ kg/m³)
Air Temperature 25.8 deg C ; Liquid Temperature 25.3 deg C
Phantom section: Flat Section

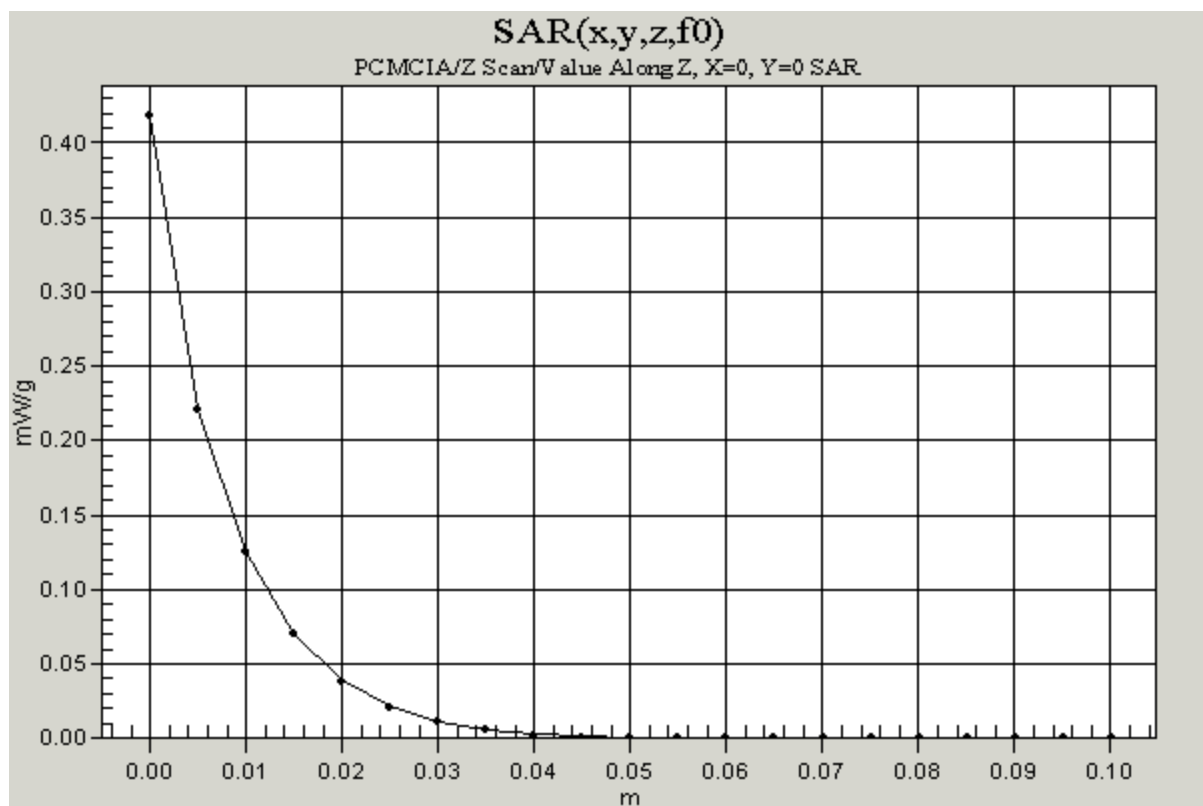
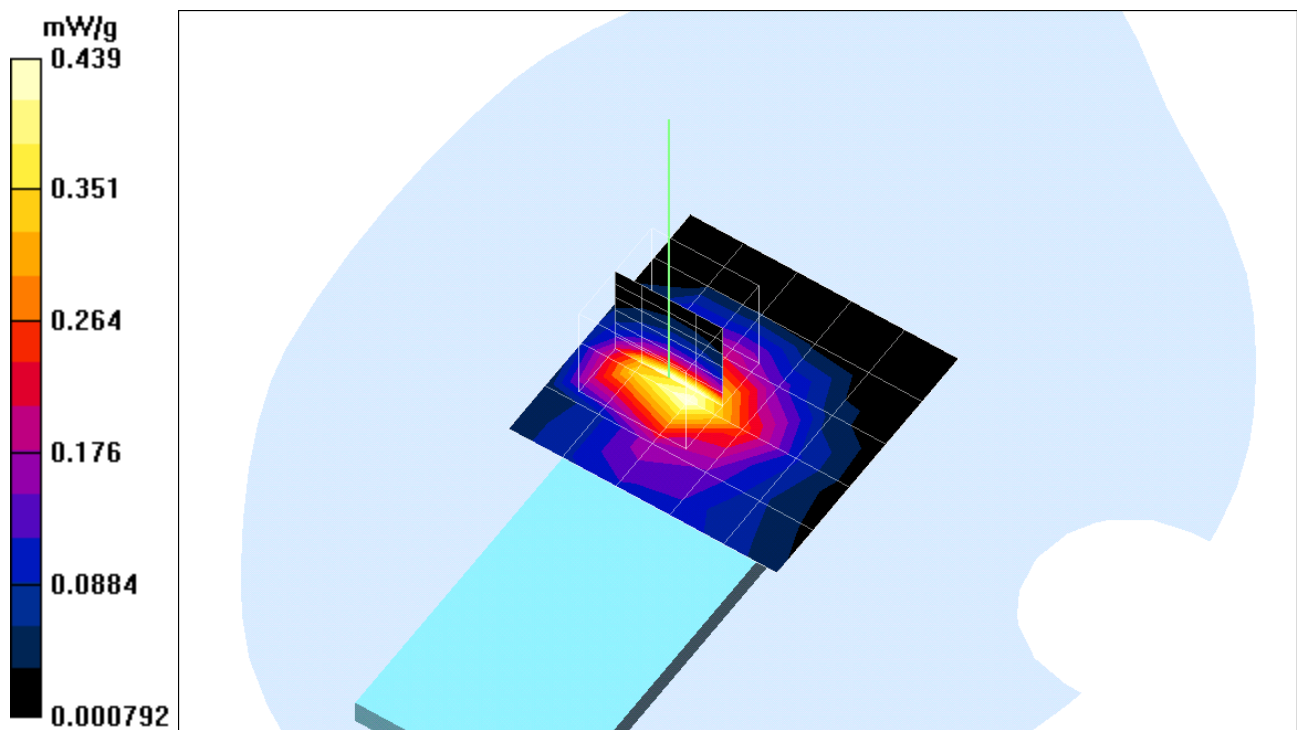
DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(4.6, 4.6, 4.6); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

touch ch 11/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 10.9 V/m
Power Drift = 0.06 dB
Maximum value of SAR = 0.439 mW/g

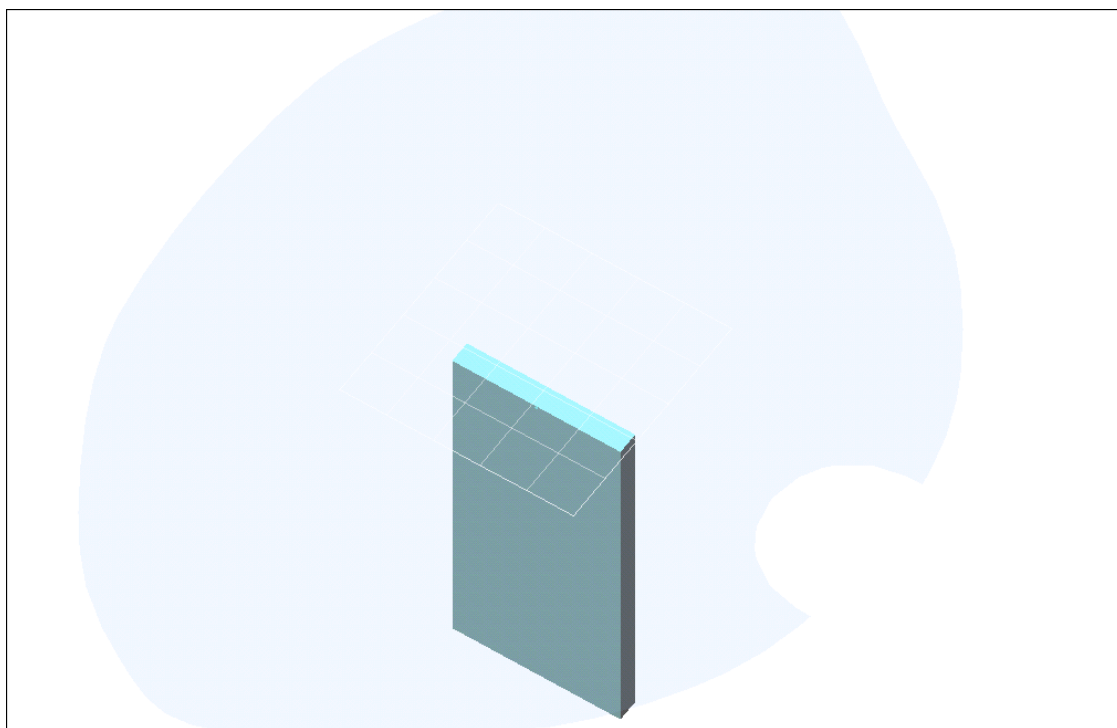
touch ch 11/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 10.9 V/m
Power Drift = 0.04 dB
Maximum value of SAR = 0.419 mW/g

touch ch 11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.908 W/kg
SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.224 mW/g
Reference Value = 10.9 V/m
Power Drift = 0.06 dB
Maximum value of SAR = 0.482 mW/g



Test Laboratory: C&C Laboratory CO., Ltd

15mm



Test Laboratory: C&C Laboratory CO., Ltd
File Name: [11mb touch.da4](#)

11mb 15mm ch1

**DUT: 2.4GHz wireless PCI Card Adapter; Type: DWL-650; Serial: FCC ID:
Program: PCMCIA**

Communication System: 802.11b WLAN pci card; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: BSL2450 ($\sigma = 2$ mho/m, $\epsilon_r = 50.64$, $\rho = 1000$ kg/m³)

Air Temperature 25.8 deg C ; Liquid Temperature 25.3 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(4.6, 4.6, 4.6); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

15mm ch1/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.43 V/m

Power Drift = -0.005 dB

Maximum value of SAR = 0.0857 mW/g

15mm ch1/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 6.43 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 0.0741 mW/g

15mm ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

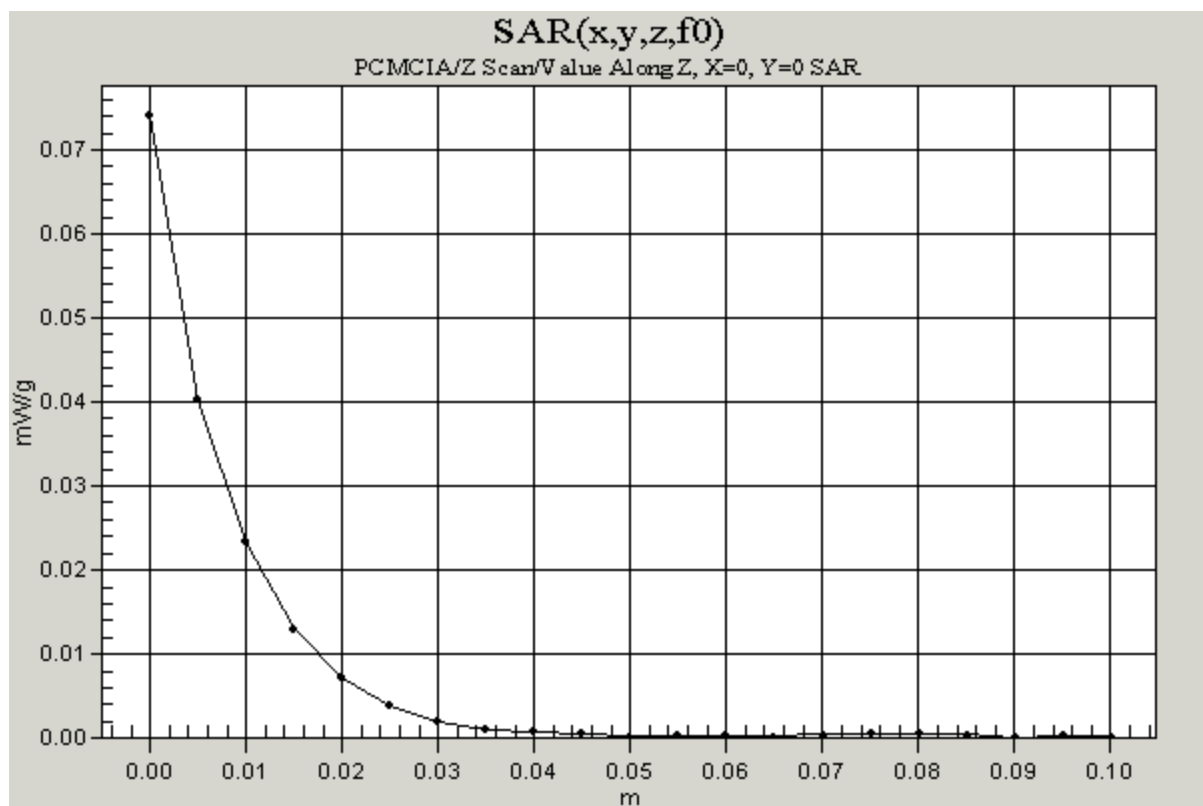
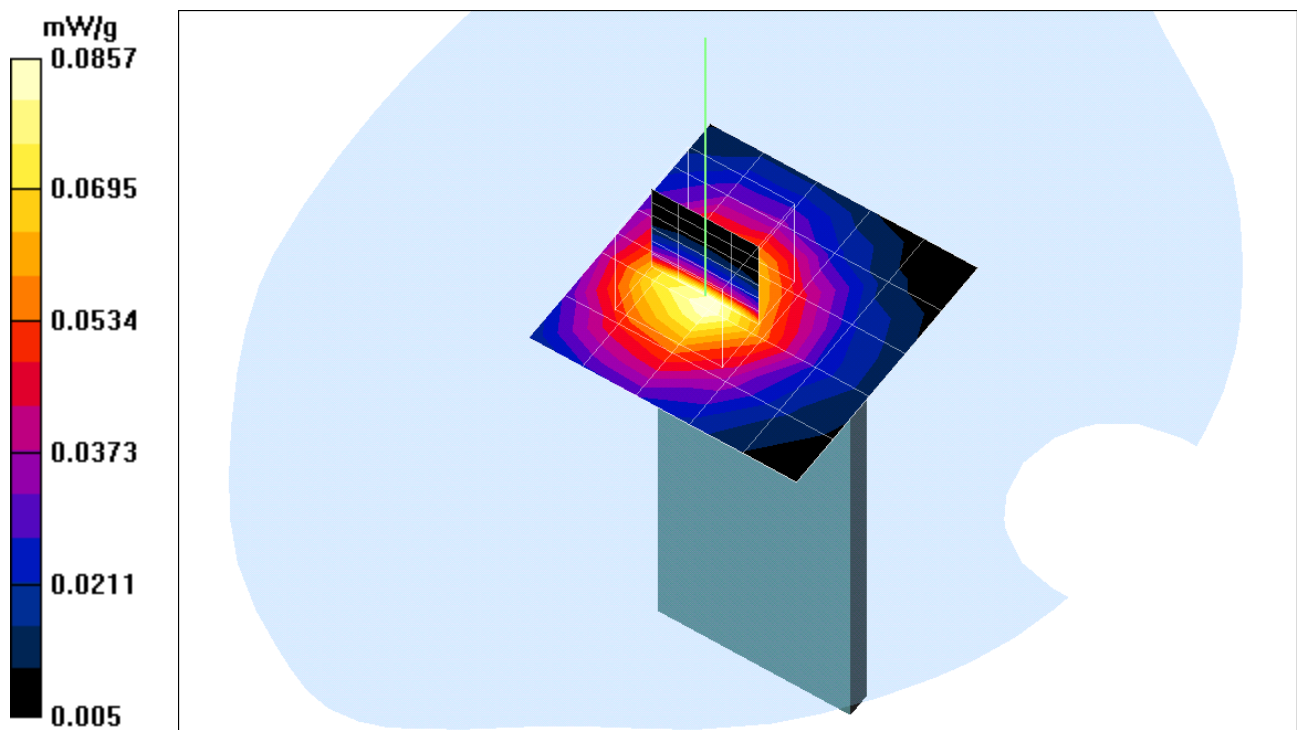
Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.0841 mW/g; SAR(10 g) = 0.0475 mW/g

Reference Value = 6.43 V/m

Power Drift = -0.005 dB

Maximum value of SAR = 0.0874 mW/g



Test Laboratory: C&C Laboratory CO., Ltd
File Name: [11mb touch.da4](#)

11mb 15mm ch6

**DUT: 2.4GHz wireless PCI Card Adapter; Type: DWL-650; Serial: FCC ID:
Program: PCMCIA**

Communication System: 802.11b WLAN pci card; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: BSL2450 ($\sigma = 2$ mho/m, $\epsilon_r = 50.64$, $\rho = 1000$ kg/m³)

Air Temperature 25.8 deg C ; Liquid Temperature 25.3 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(4.6, 4.6, 4.6); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

15mm ch6/Area Scan (6x5x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.34 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 0.0855 mW/g

15mm ch6/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 6.34 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 0.075 mW/g

15mm ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

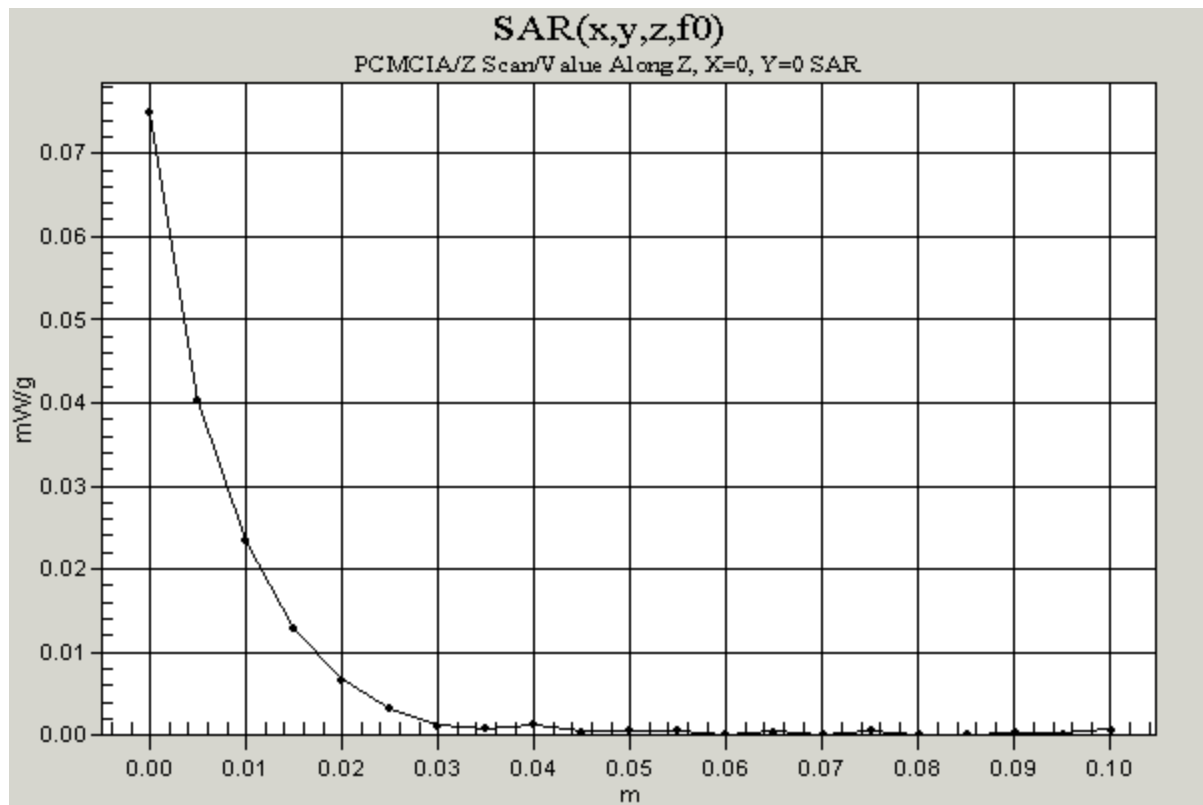
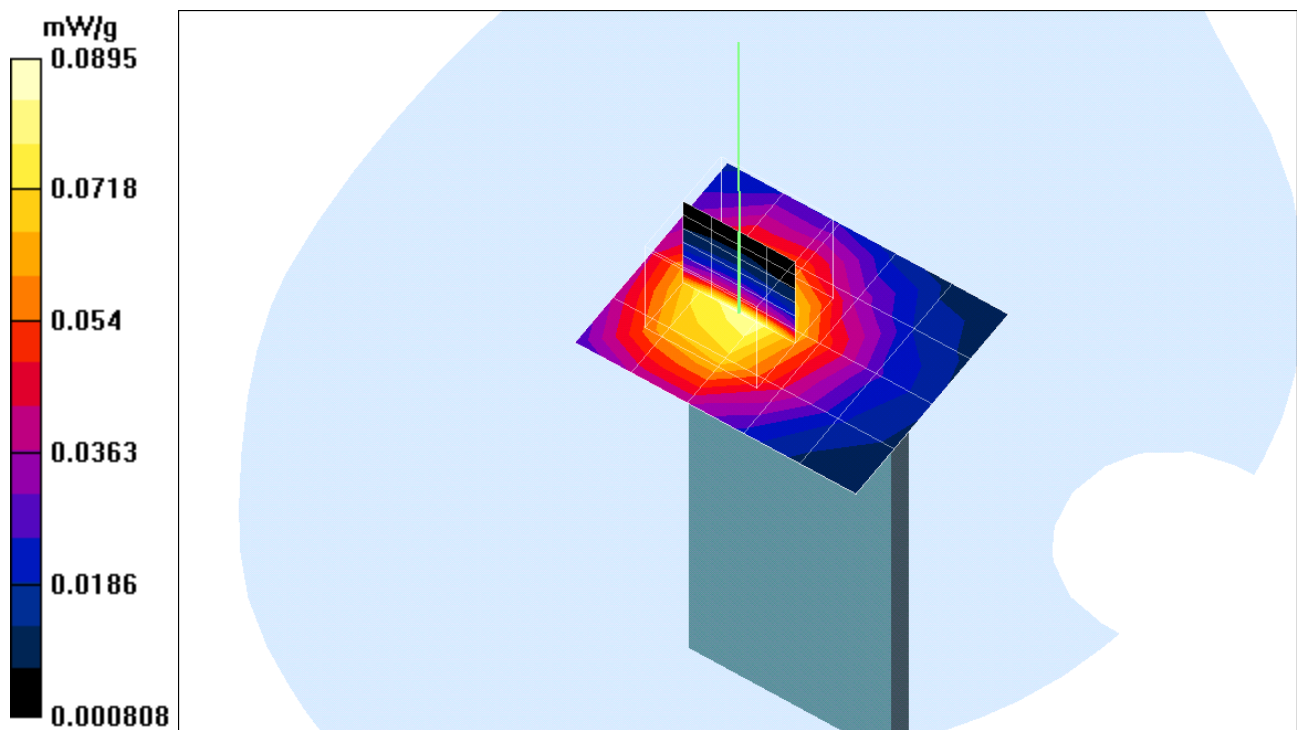
Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.0853 mW/g; SAR(10 g) = 0.0478 mW/g

Reference Value = 6.34 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 0.0895 mW/g



Test Laboratory: C&C Laboratory CO., Ltd
File Name: [11mb touch.da4](#)

11mb 15mm ch11

**DUT: 2.4GHz wireless PCI Card Adapter; Type: DWL-650; Serial: FCC ID:
Program: PCMCIA**

Communication System: 802.11b WLAN pci card; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: BSL2450 ($\sigma = 2$ mho/m, $\epsilon_r = 50.64$, $\rho = 1000$ kg/m³)

Air Temperature 25.8 deg C ; Liquid Temperature 25.3 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(4.6, 4.6, 4.6); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

15mm ch11/Area Scan (6x5x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.25 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.0841 mW/g

15mm ch11/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 3.25 V/m

Power Drift = -0.004 dB

Maximum value of SAR = 0.0729 mW/g

15mm ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.0847 mW/g; SAR(10 g) = 0.0472 mW/g

Reference Value = 3.25 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.0881 mW/g

