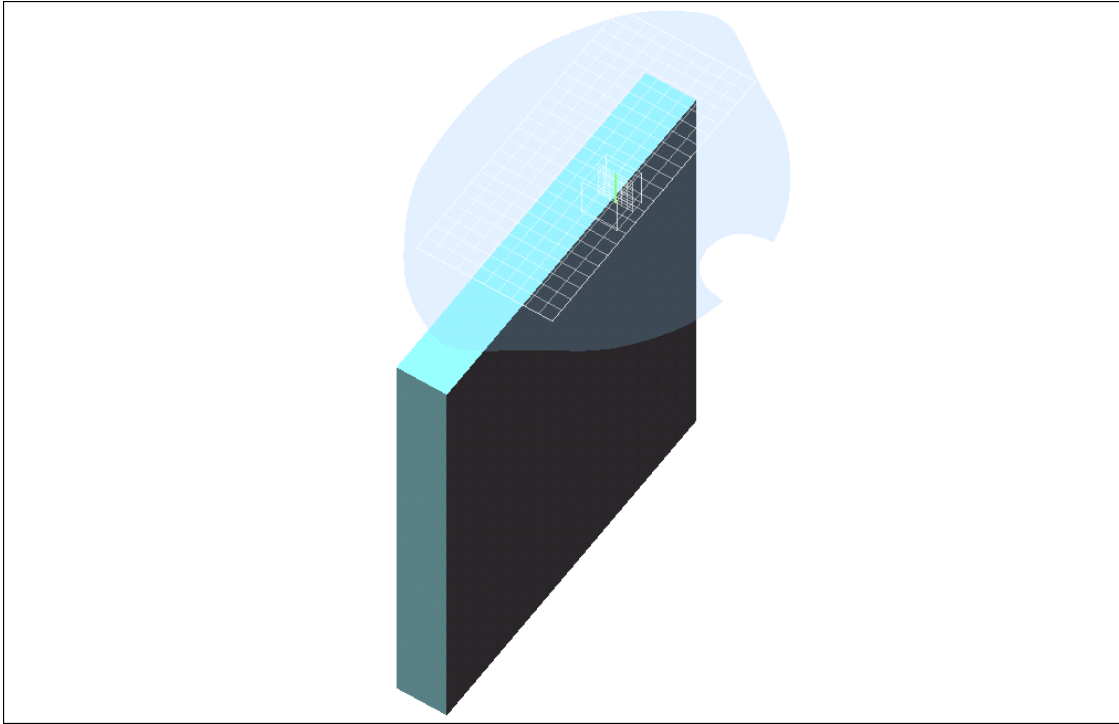


Test Laboratory: Compliance Certification Services Inc.

# Test Configuration-4



Test Laboratory: Compliance Certification Services Inc.

## 15mm mode-AUX

**DUT: Notebook PC; Type: TravelMate C300; Serial: N/A**

Communication System: 802.11A/B WLAN Mini PCI Card; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: BSL5200 ( $\sigma = 5.42$  mho/m,  $\epsilon_r = 48.85$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.82, 1.82, 1.82); Calibrated: 9/23/2003
- Sensor-Surface: 3mm (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, V1.8 Build 62

**Low Rate=6M bit/Area Scan (11x23x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 4 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.083 mW/g

**Low Rate=6M bit/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 4 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.027 mW/g

**Low Rate=6M bit/Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

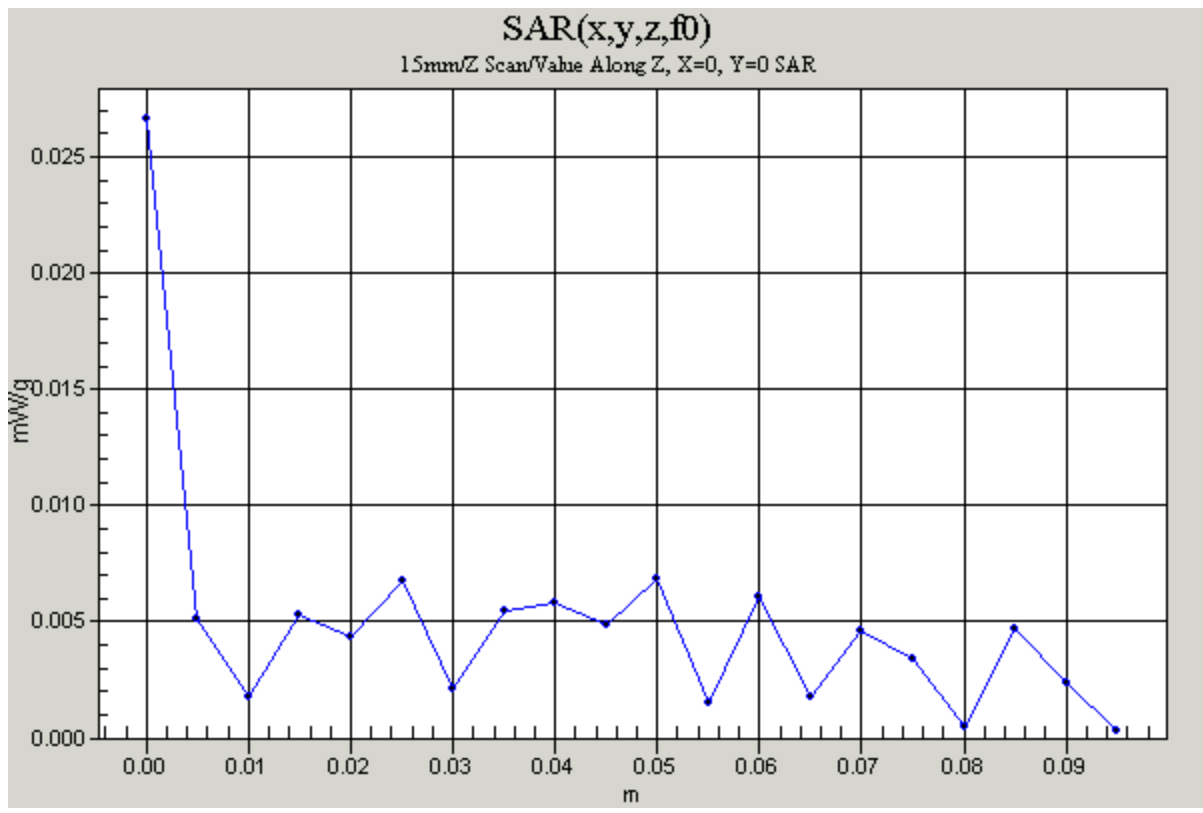
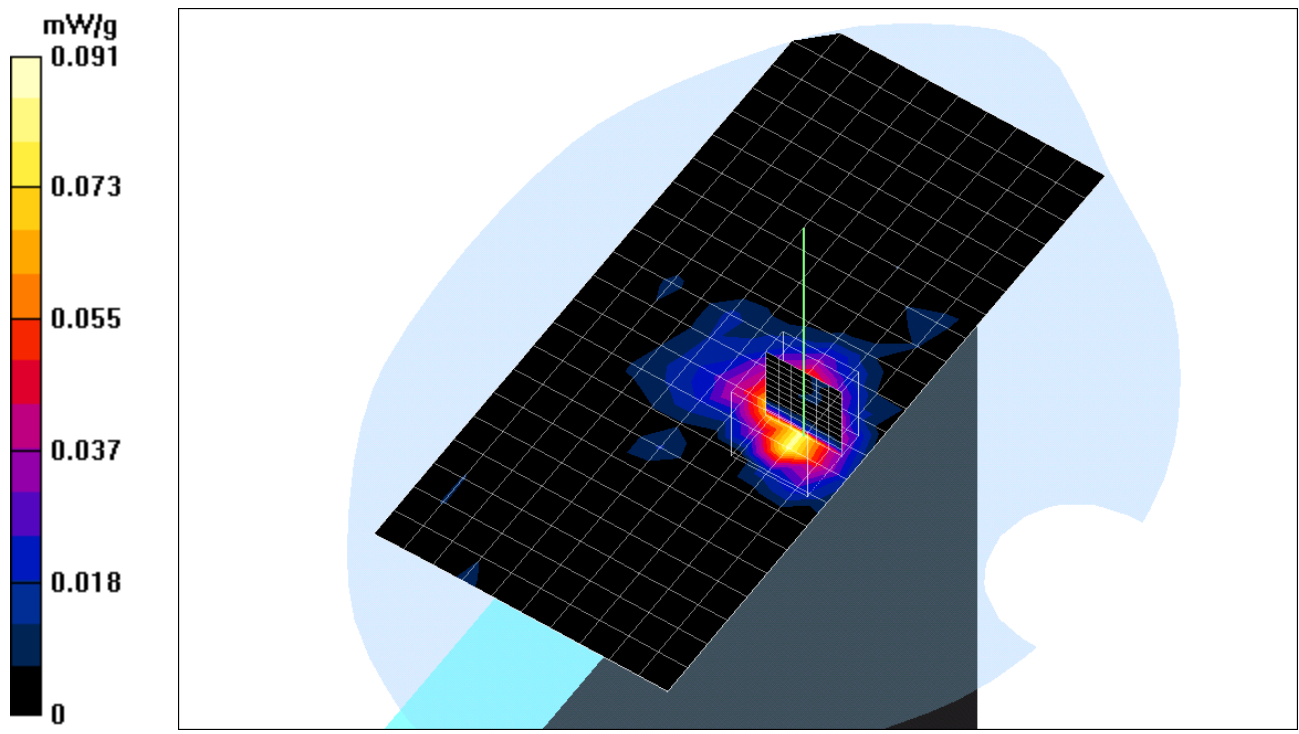
Peak SAR (extrapolated) = 3.99 W/kg

SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.043 mW/g

Reference Value = 4 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.091 mW/g



Test Laboratory: Compliance Certification Services Inc.

## 15mm mode-AUX

**DUT: Notebook PC; Type: TravelMate C300; Serial: N/A**

Communication System: 802.11A/B WLAN Mini PCI Card; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: BSL5200 ( $\sigma = 5.42$  mho/m,  $\epsilon_r = 48.85$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.82, 1.82, 1.82); Calibrated: 9/23/2003
- Sensor-Surface: 3mm (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, V1.8 Build 62

**Mid Rate=6M bit/Area Scan (9x11x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 4.72 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.115 mW/g

**Mid Rate=6M bit/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 4.72 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.034 mW/g

**Mid Rate=6M bit/Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

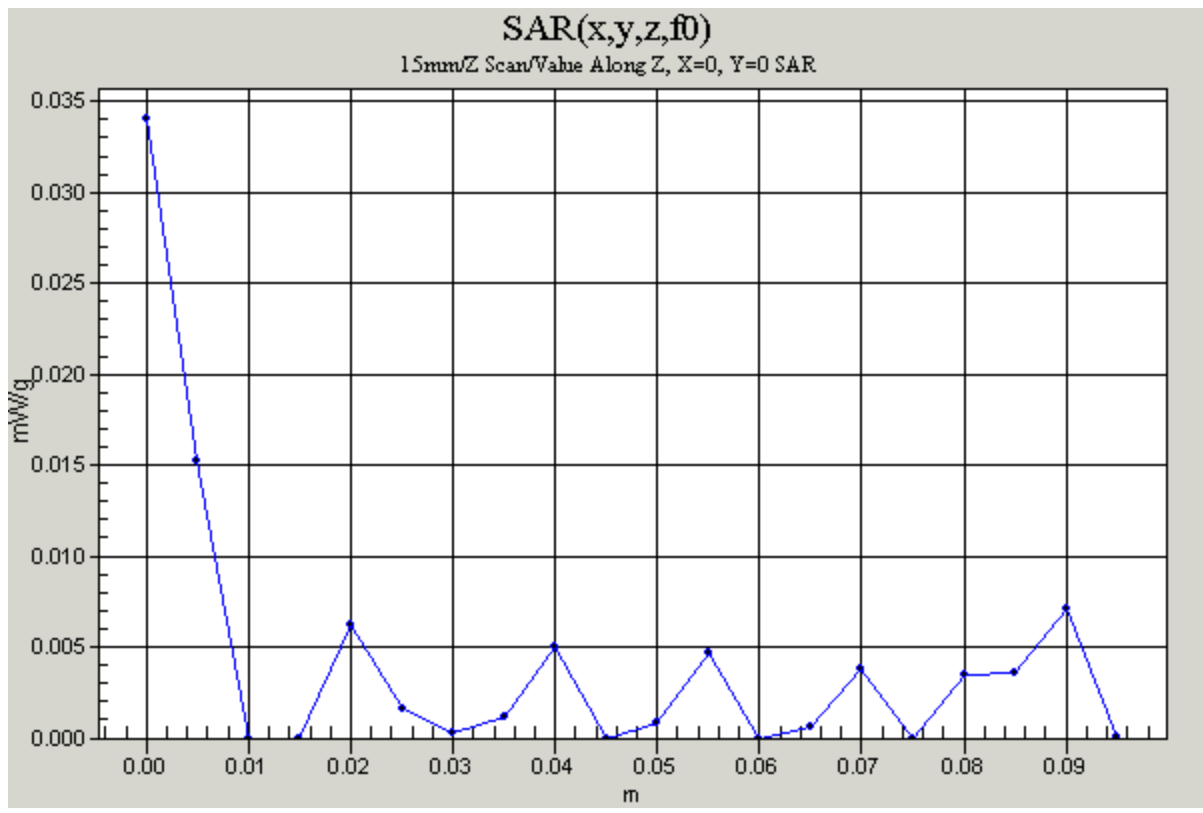
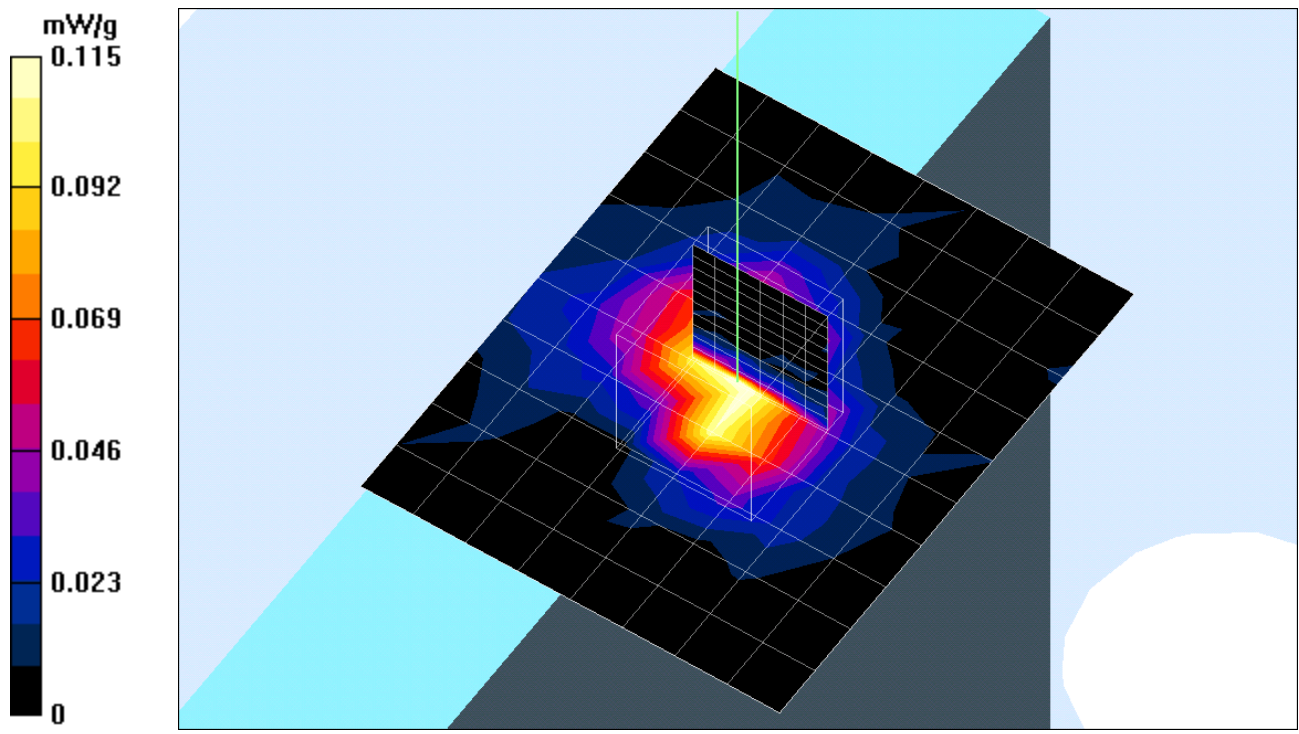
Peak SAR (extrapolated) = 2.96 W/kg

SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.041 mW/g

Reference Value = 4.72 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.122 mW/g



Test Laboratory: Compliance Certification Services Inc.

## 15mm mode-AUX

**DUT: Notebook PC; Type: TravelMate C300; Serial: N/A**

Communication System: 802.11A/B WLAN Mini PCI Card; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: BSL5200 ( $\sigma = 5.42$  mho/m,  $\epsilon_r = 48.85$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.82, 1.82, 1.82); Calibrated: 9/23/2003
- Sensor-Surface: 3mm (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, V1.8 Build 62

**Mid Rate=6M bit 2/Area Scan (9x11x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 4.98 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.117 mW/g

**Mid Rate=6M bit 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 4.98 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.036 mW/g

**Mid Rate=6M bit 2/Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

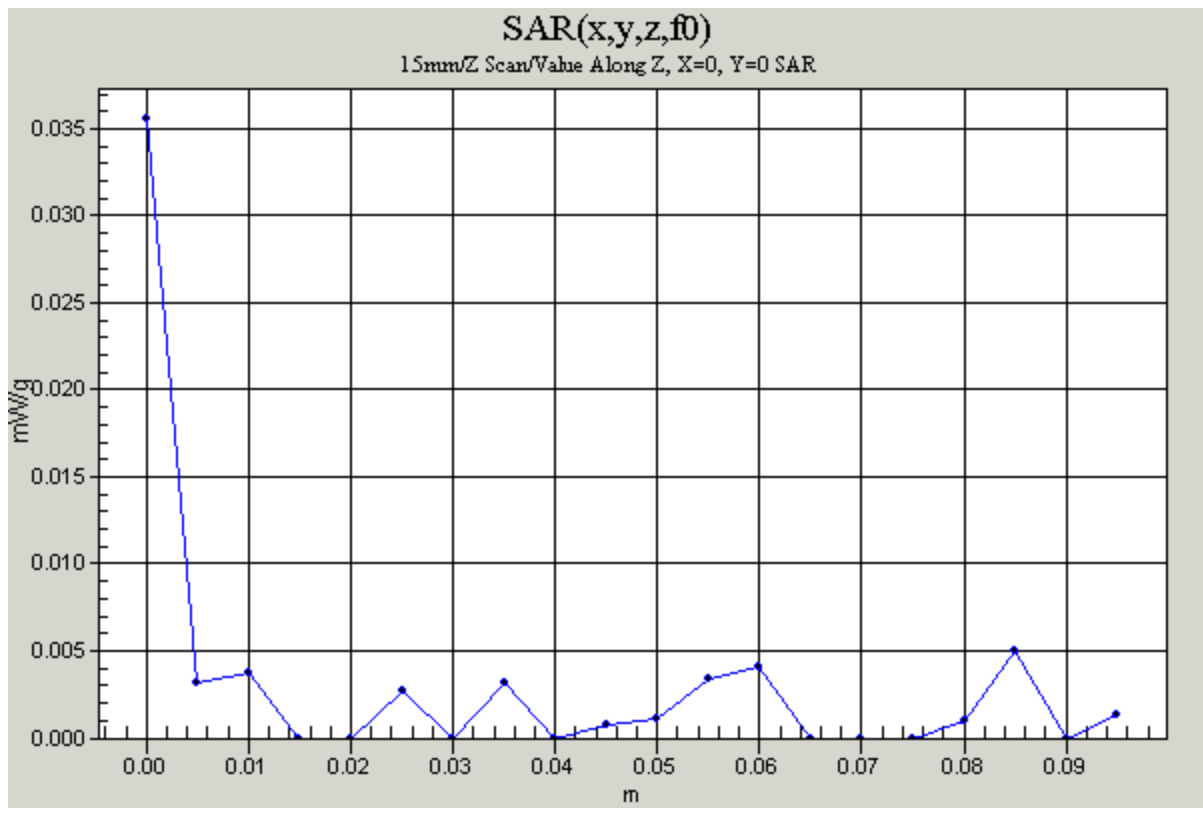
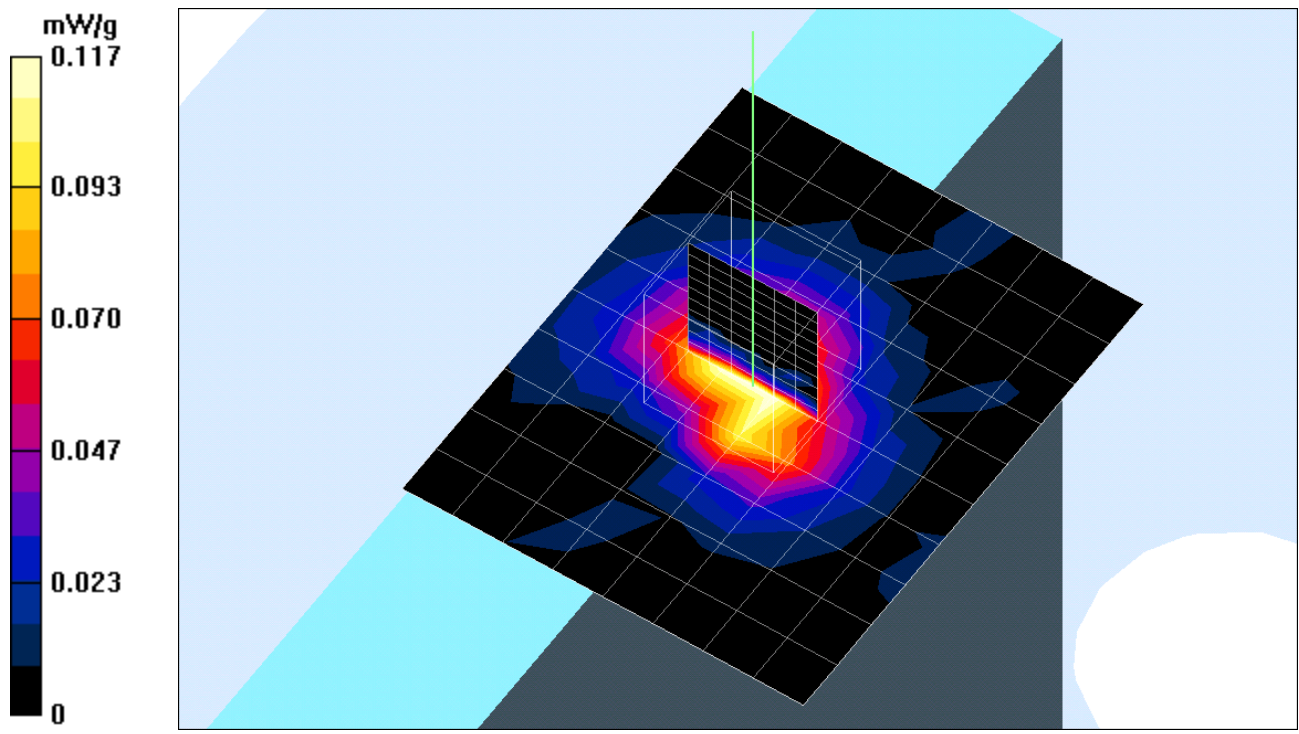
Peak SAR (extrapolated) = 0.561 W/kg

SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.039 mW/g

Reference Value = 4.98 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.128 mW/g





Test Laboratory: Compliance Certification Services Inc.

## 15mm mode-AUX

**DUT: Notebook PC; Type: TravelMate C300; Serial: N/A**

Communication System: 802.11A/B WLAN Mini PCI Card; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: BSL5200 ( $\sigma = 5.42$  mho/m,  $\epsilon_r = 48.85$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.82, 1.82, 1.82); Calibrated: 9/23/2003
- Sensor-Surface: 3mm (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, V1.8 Build 62

**High Rate=6M bit/Area Scan (9x11x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 5.48 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.143 mW/g

**High Rate=6M bit/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 5.48 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.034 mW/g

**High Rate=6M bit/Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

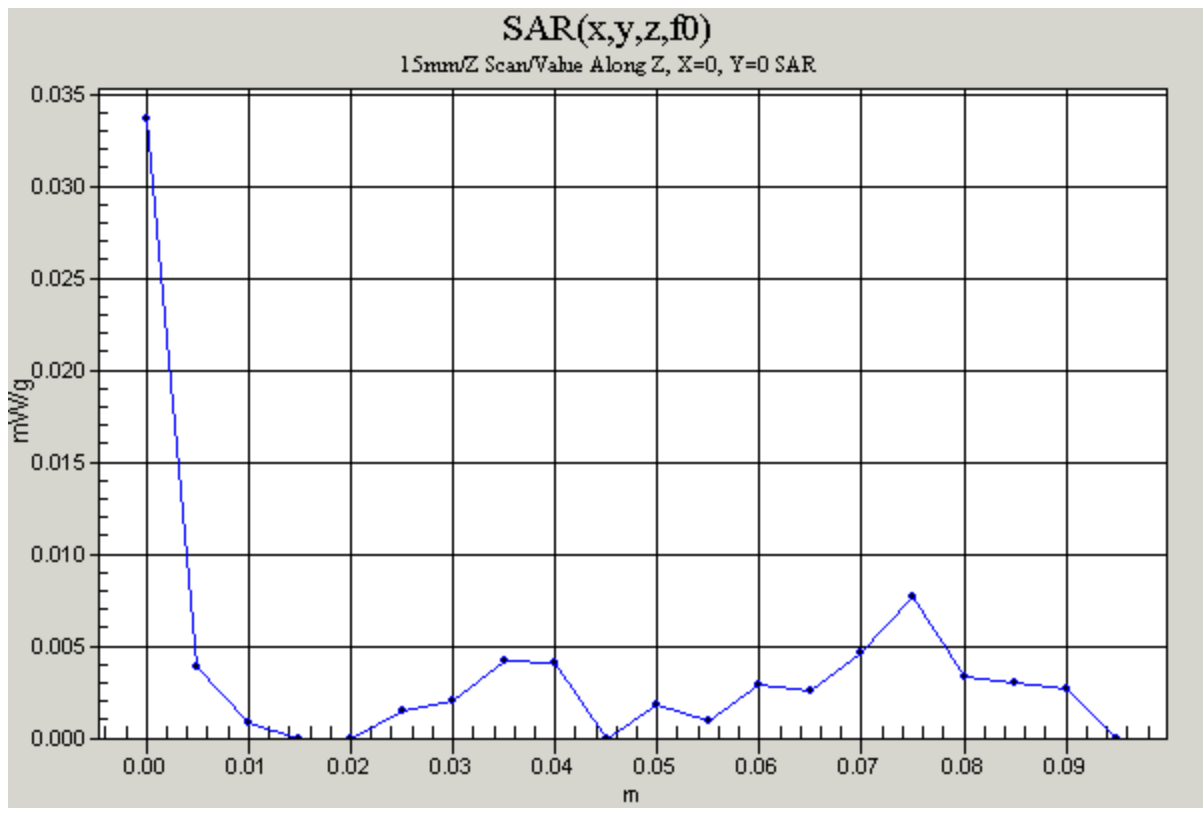
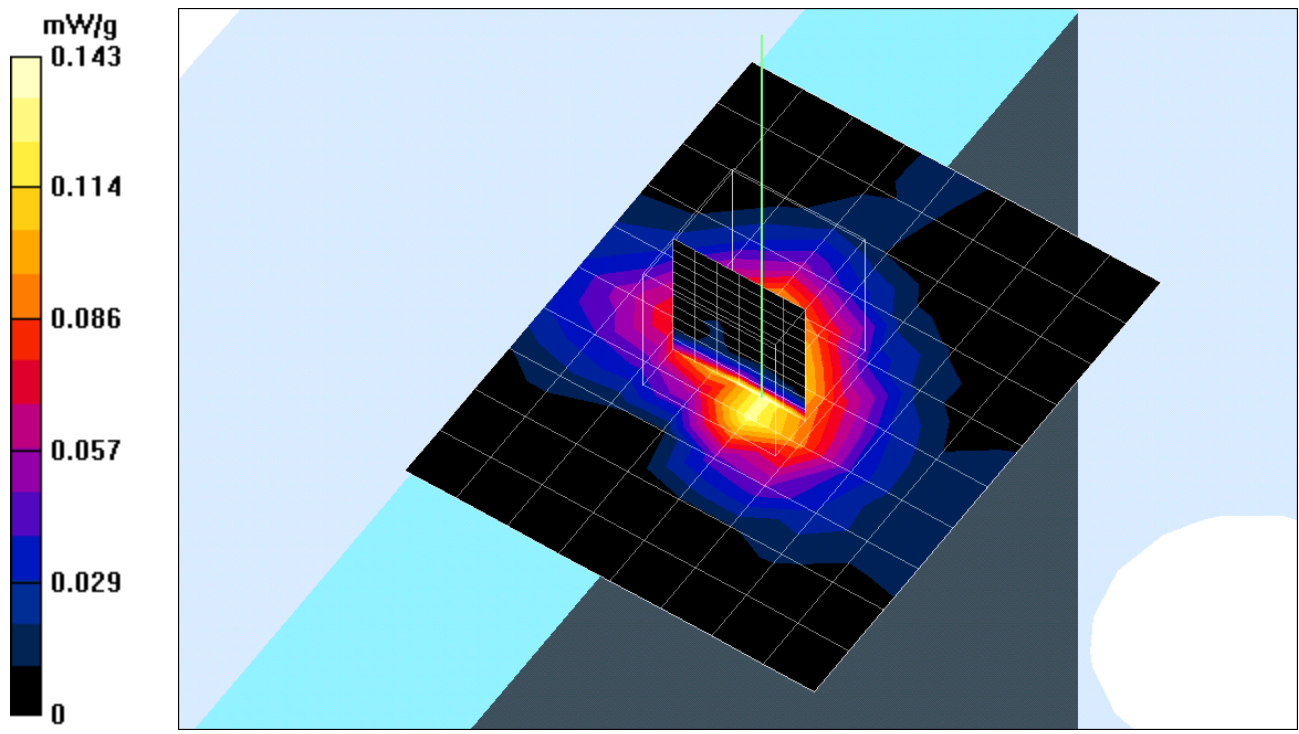
Peak SAR (extrapolated) = 0.879 W/kg

SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.046 mW/g

Reference Value = 5.48 V/m

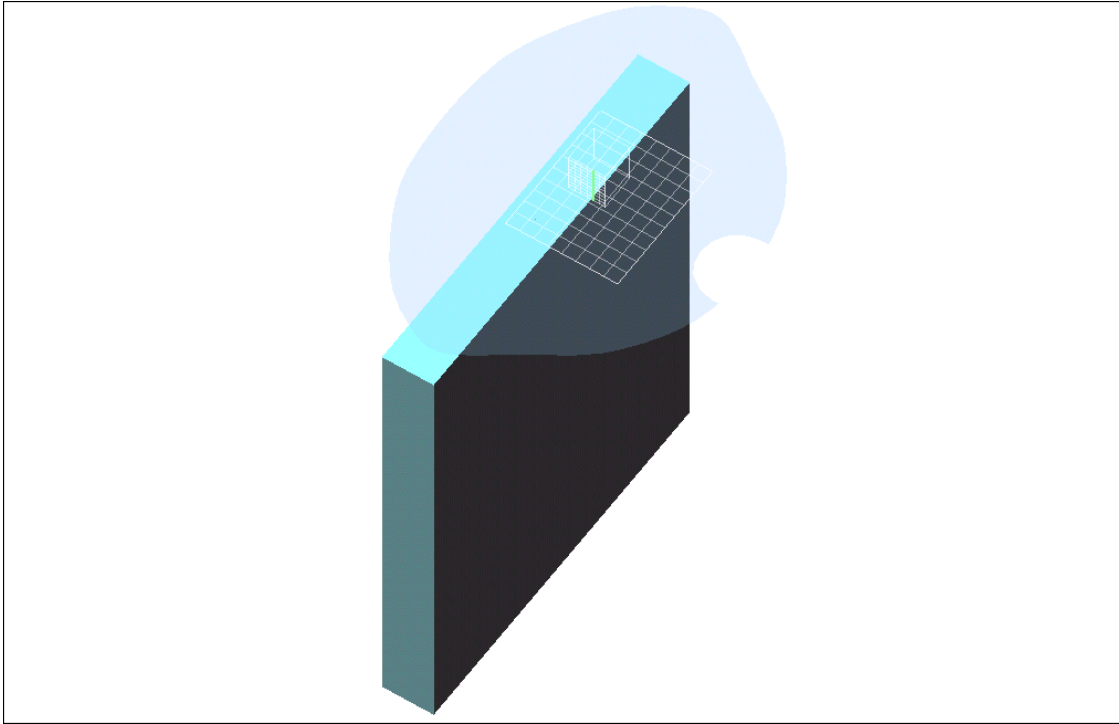
Power Drift = 0.1 dB

Maximum value of SAR = 0.155 mW/g



Test Laboratory: Compliance Certification Services Inc.

# Test Configuration-5



Test Laboratory: Compliance Certification Services Inc.

## Touch mode-AUX

**DUT: Notebook PC; Type: TravelMate C300; Serial: N/A**

Communication System: 802.11A/B WLAN Mini PCI Card; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: BSL5200 ( $\sigma = 5.42$  mho/m,  $\epsilon_r = 48.85$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.82, 1.82, 1.82); Calibrated: 9/23/2003
- Sensor-Surface: 3mm (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, V1.8 Build 62

**Low Rate=6M bit/Area Scan (9x11x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 16 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 1.49 mW/g

**Low Rate=6M bit/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 16 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.770 mW/g

**Low Rate=6M bit/Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

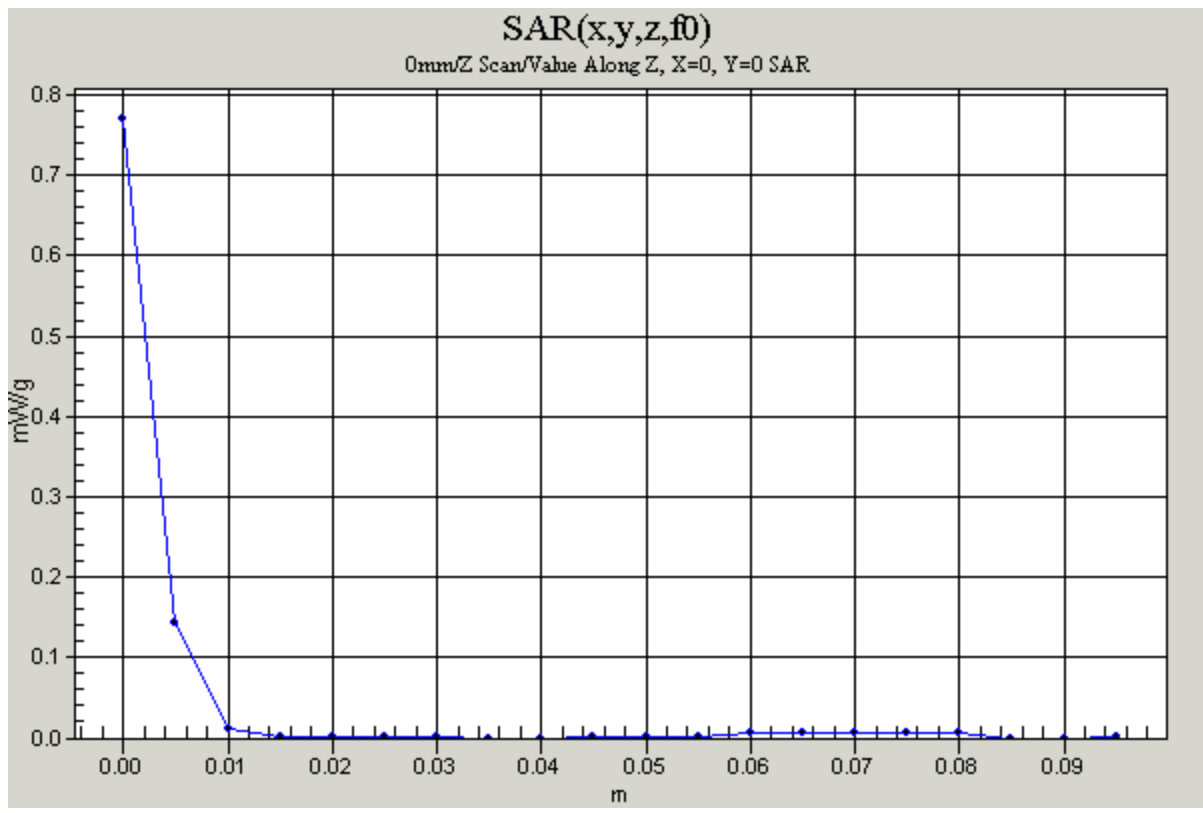
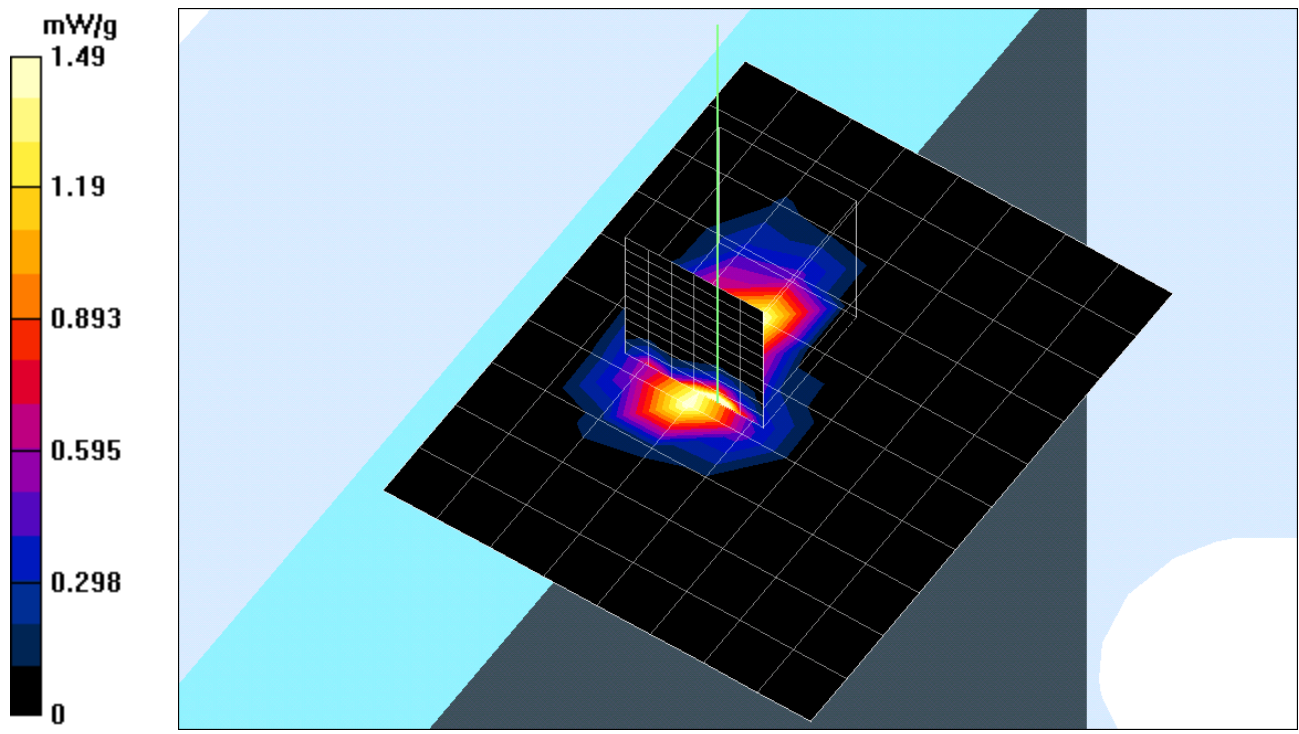
Peak SAR (extrapolated) = 6.97 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.353 mW/g

Reference Value = 16 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 2.25 mW/g



Test Laboratory: Compliance Certification Services Inc.

## Touch mode-AUX

**DUT: Notebook PC; Type: TravelMate C300; Serial: N/A**

Communication System: 802.11A/B WLAN Mini PCI Card; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: BSL5200 ( $\sigma = 5.42$  mho/m,  $\epsilon_r = 48.85$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.82, 1.82, 1.82); Calibrated: 9/23/2003
- Sensor-Surface: 3mm (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, V1.8 Build 62

**Mid Rate=6M bit/Area Scan (9x11x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 17.2 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 1.7 mW/g

**Mid Rate=6M bit/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 17.2 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 0.841 mW/g

**Mid Rate=6M bit/Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

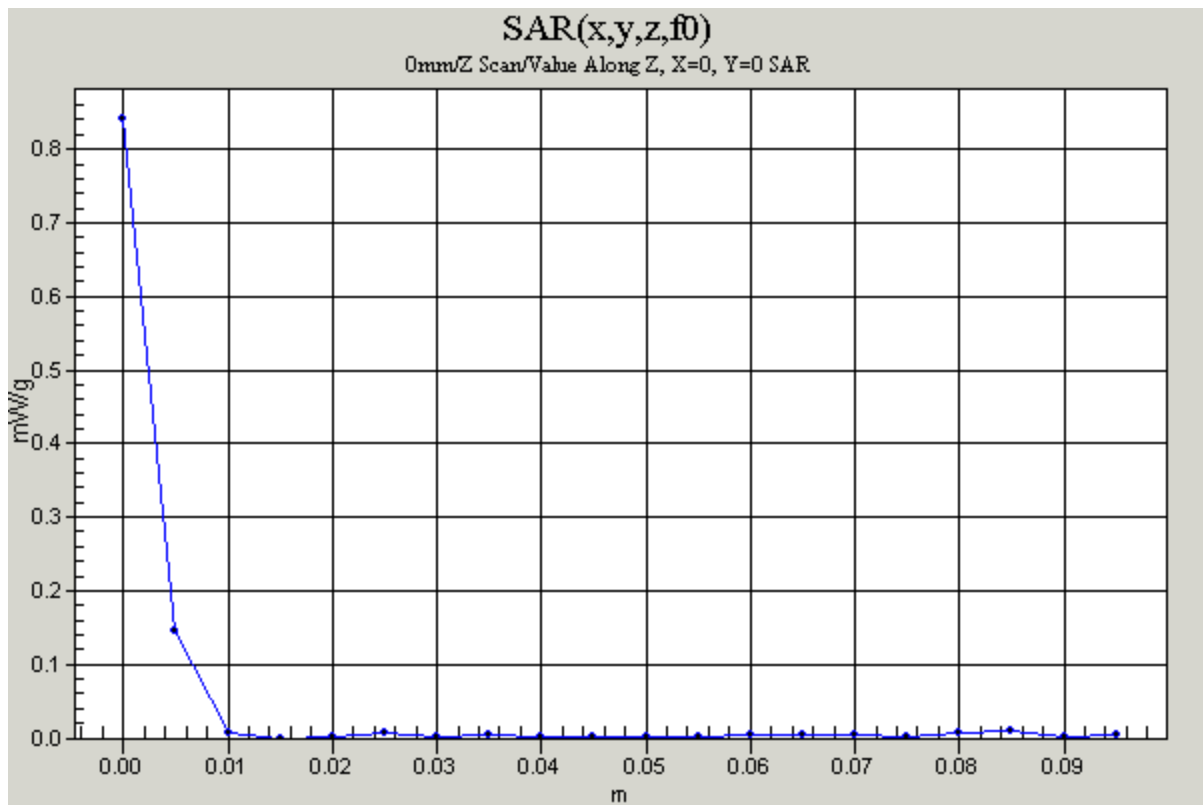
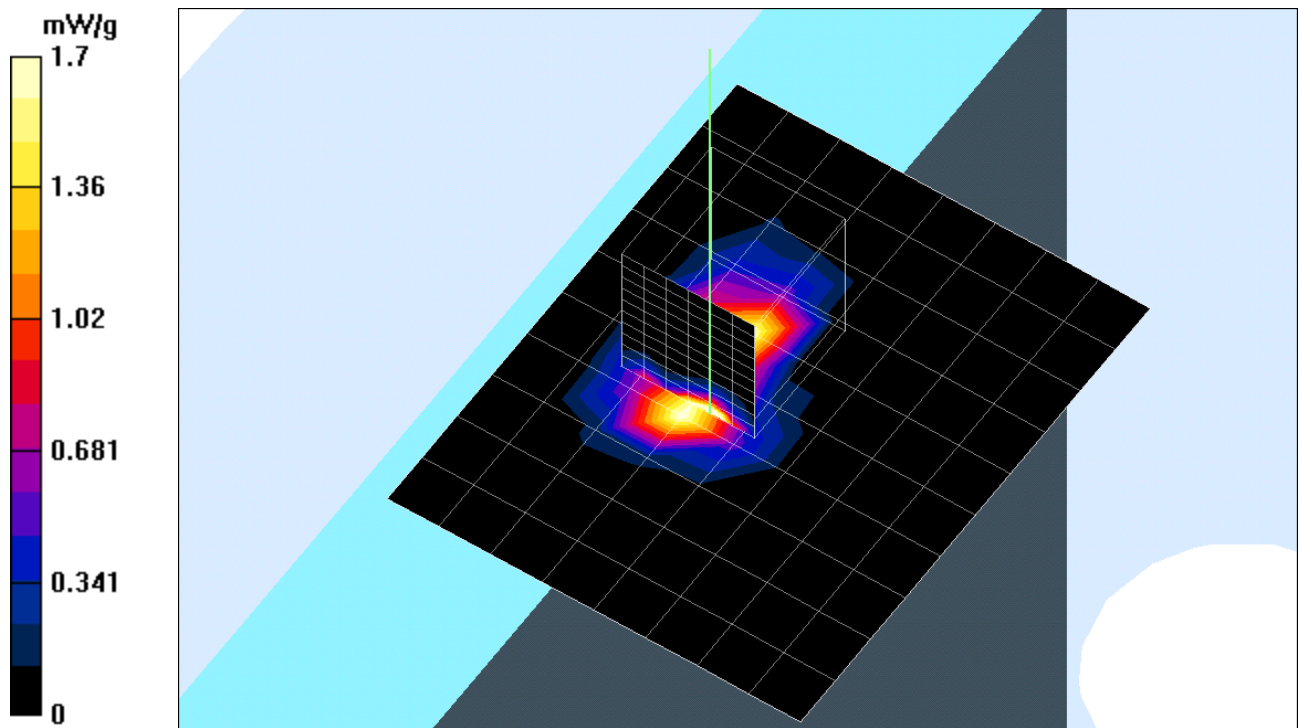
Peak SAR (extrapolated) = 7.68 W/kg

SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.411 mW/g

Reference Value = 17.2 V/m

Power Drift = -0.0 dB

Maximum value of SAR = 2.5 mW/g



Test Laboratory: Compliance Certification Services Inc.

## Touch mode-AUX

**DUT: Notebook PC; Type: TravelMate C300; Serial: N/A**

Communication System: 802.11A/B WLAN Mini PCI Card; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: BSL5200 ( $\sigma = 5.42$  mho/m,  $\epsilon_r = 48.85$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.82, 1.82, 1.82); Calibrated: 9/23/2003
- Sensor-Surface: 3mm (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, V1.8 Build 62

**Mid Rate=6M bit 2/Area Scan (9x11x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 17.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.82 mW/g

**Mid Rate=6M bit 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 17.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.895 mW/g

**Mid Rate=6M bit 2/Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Peak SAR (extrapolated) = 8.47 W/kg

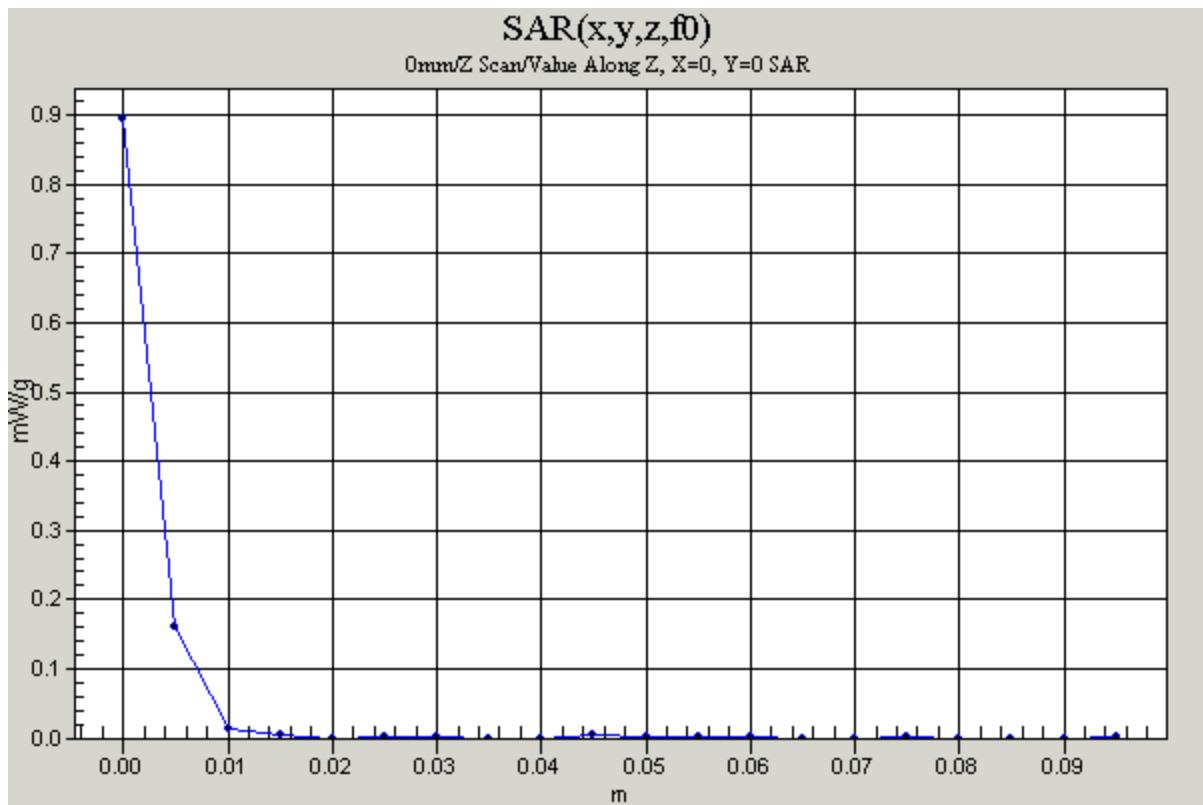
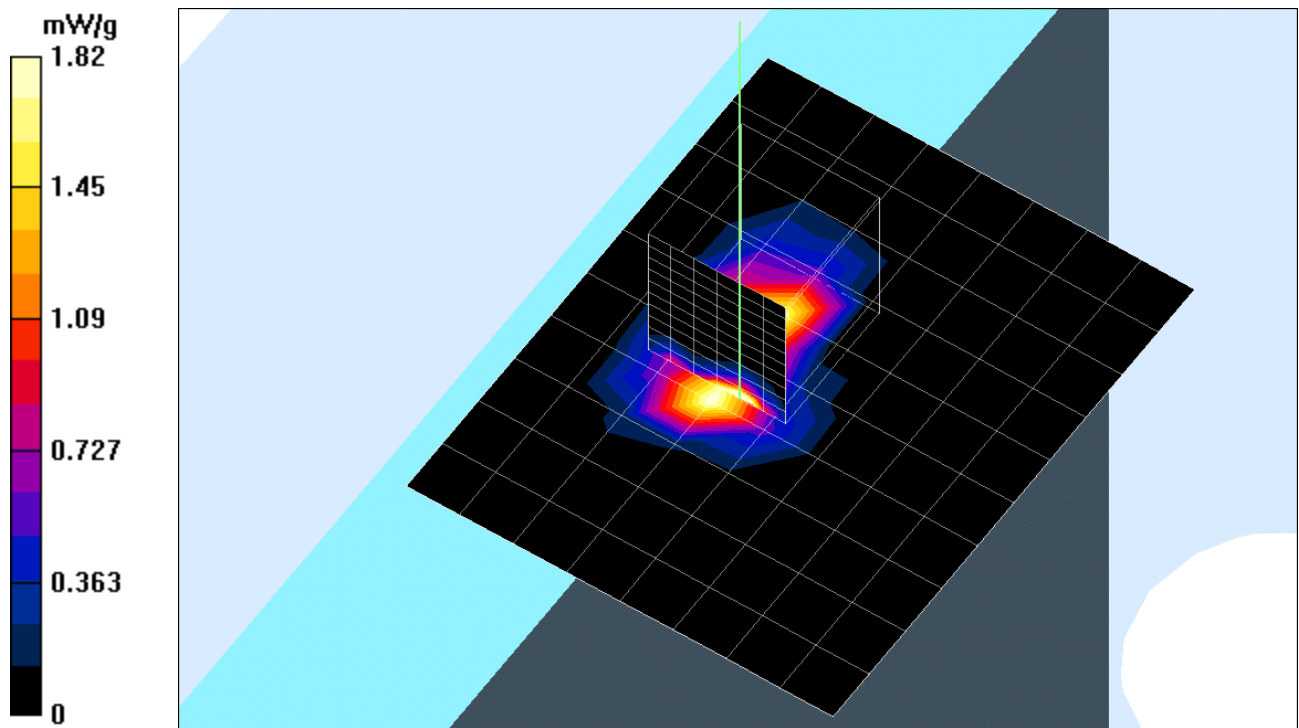
SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.424 mW/g

Reference Value = 17.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 2.66 mW/g





Test Laboratory: Compliance Certification Services Inc.

## Touch mode-AUX

**DUT: Notebook PC; Type: TravelMate C300; Serial: N/A**

Communication System: 802.11A/B WLAN Mini PCI Card; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: BSL5200 ( $\sigma = 5.42$  mho/m,  $\epsilon_r = 48.85$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.82, 1.82, 1.82); Calibrated: 9/23/2003
- Sensor-Surface: 3mm (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, V1.8 Build 62

**High Rate=6M bit/Area Scan (9x11x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 16.5 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1.58 mW/g

**High Rate=6M bit/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 16.5 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.744 mW/g

**High Rate=6M bit/Zoom Scan (7x7x11)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Peak SAR (extrapolated) = 7.14 W/kg

SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.373 mW/g

Reference Value = 16.5 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 2.23 mW/g

