

APPENDIX A - SAR MEASUREMENT DATA

Date Tested: 03/09/05

Body SAR - PCS GPRS Mode - DUT with Sony VAIO Laptop PC - Bottom PCMCIA Slot - Laptop AC Power
DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card (with PCMCIA Adapter); Serial: 0110430410292
 Ambient Temp: 23.6 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 102.8 kPa; Humidity: 30%

Power Source: Host Laptop PC (AC)
 Communication System: PCS GPRS
 RF Output Power: 28.0 dBm (Conducted)
 Frequency: 1880.0 MHz; Duty Cycle: 1:8.3
 Medium: M1880 ($\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$)
 - Probe: ET3DV6 - SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004
 - Sensor-Surface: 4mm (Mechanical Surface Detection)
 - Electronics: DAE3 Sn370; Calibrated: 25/01/2005
 - Phantom: Barski Industries; Type: Fiberglas Planar; Serial: 03-01
 - Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body SAR - 1880.0 MHz - Bottom of Sony VAIO Laptop PC Touching Planar Phantom
(6 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Area Scan (19x25x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 1880.0 MHz - Bottom of Sony VAIO Laptop PC Touching Planar Phantom
(6 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.9 V/m; Power Drift = -0.0432 dB

Peak SAR (extrapolated) = 0.689 W/kg

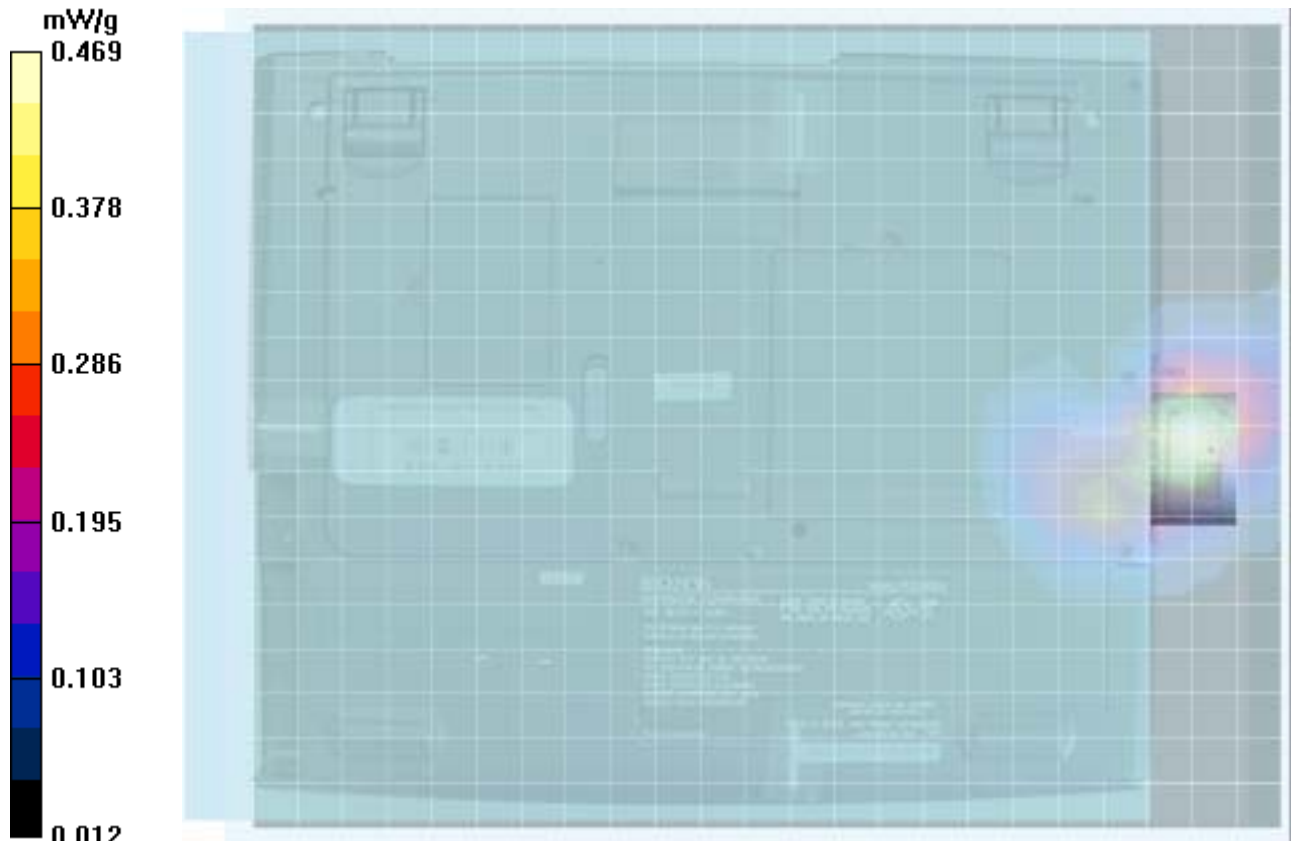
SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.258 mW/g

Body SAR - 1880.0 MHz - Bottom of Sony VAIO Laptop PC Touching Planar Phantom
(6 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel

Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.463 W/kg

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.179 mW/g



Date Tested: 03/09/05

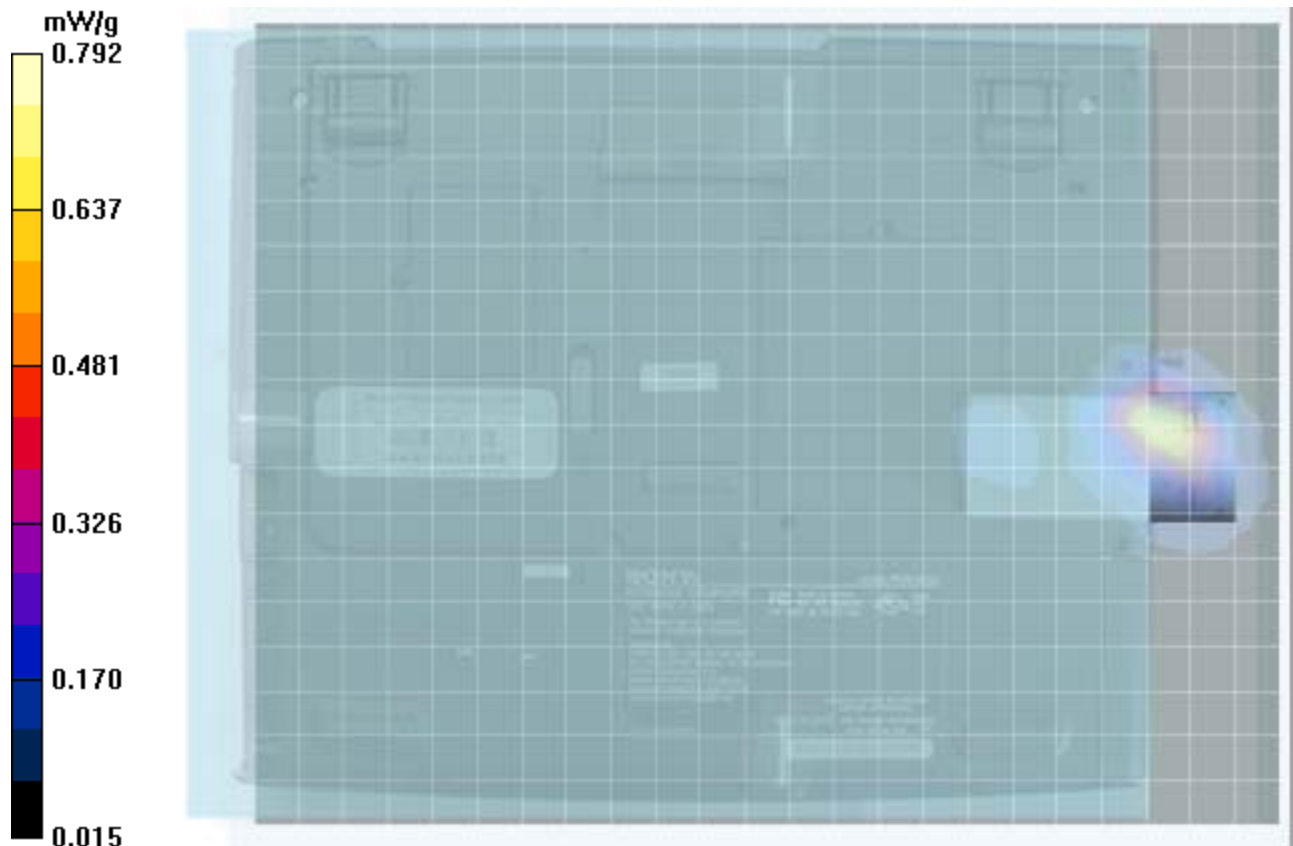
Body SAR - PCS GPRS Mode - DUT with Sony VAIO Laptop PC - Bottom PCMCIA Slot - DUT External Battery Power
DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card (with PCMCIA Adapter); Serial: 0110430410292

Ambient Temp: 23.6 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 102.8 kPa; Humidity: 30%

Power Source: 3.7V 1000mAh Li-ion Battery (External)
 Communication System: PCS GPRS
 RF Output Power: 28.0 dBm (Conducted)
 Frequency: 1880.0 MHz; Duty Cycle: 1:8.3
 Medium: M1880 ($\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$)
 - Probe: ET3DV6 – SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004
 - Sensor-Surface: 4mm (Mechanical Surface Detection)
 - Electronics: DAE3 Sn370; Calibrated: 25/01/2005
 - Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
 - Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body SAR - 1880.0 MHz - Bottom of Sony VAIO Laptop PC facing planar phantom (13 mm External Battery Spacing)
(20 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host Laptop PC)
Mid Channel/Area Scan (19x25x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 1880.0 MHz - Bottom of Sony VAIO Laptop PC facing planar phantom (13 mm External Battery Spacing)
(20 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host Laptop PC)
Mid Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 21.6 V/m; Power Drift = 0.162 dB
 Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.361 mW/g



Date Tested: 03/09/05

Body SAR - PCS GPRS Mode - DUT with Compaq Armada Laptop PC - Single PCMCIA Slot - Laptop AC Power
DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card (with PCMCIA Adapter); Serial: 0110430410292

Ambient Temp: 23.6 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 102.8 kPa; Humidity: 30%

Power Source: Host Laptop PC (AC)

Communication System: PCS GPRS

RF Output Power: 28.0 dBm (Conducted)

Frequency: 1880.0 MHz; Duty Cycle: 1:8.3

Medium: M1880 ($\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 – SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01

- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body SAR - 1880.0 MHz - Bottom of Compaq Armada Laptop PC Touching Planar Phantom
(5 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel

Area Scan (19x25x1): Measurement grid: dx=15mm, dy=15mm

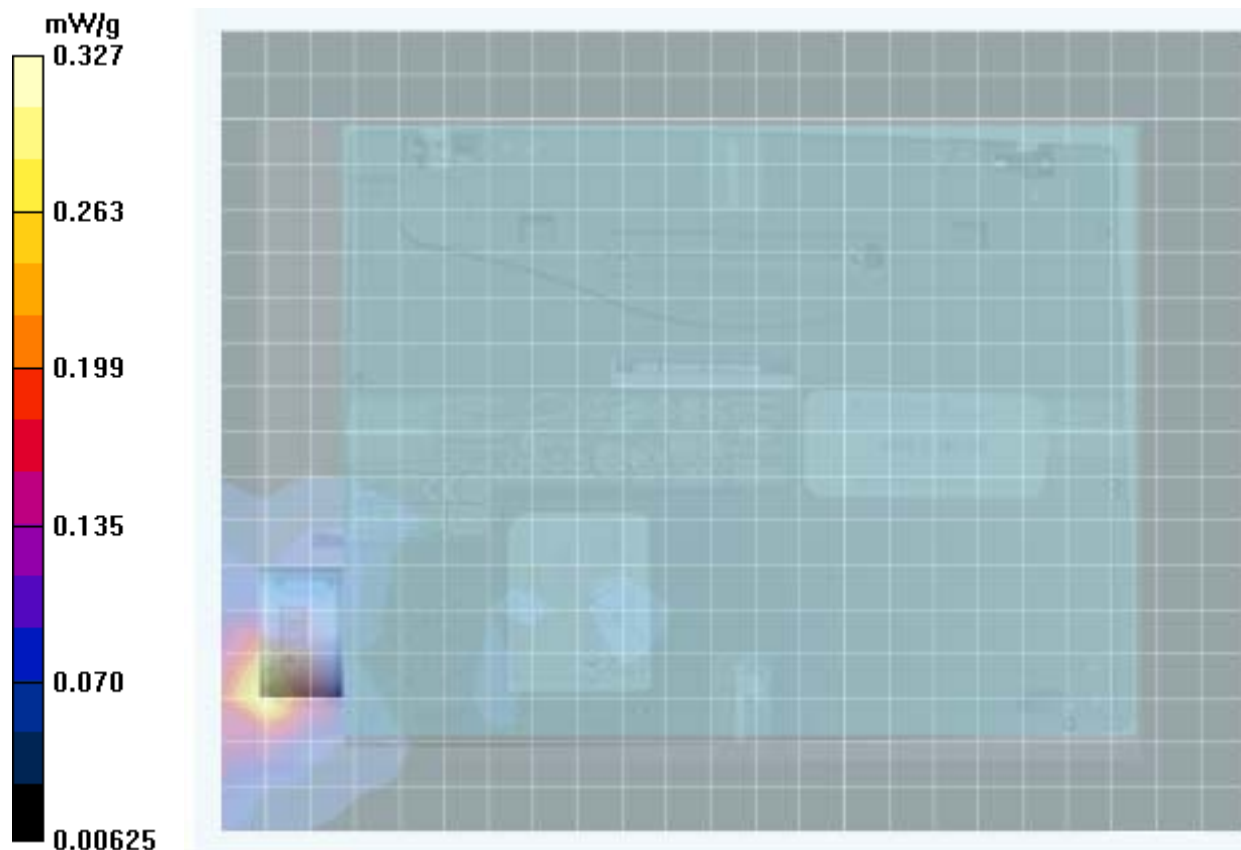
Body SAR - 1880.0 MHz - Bottom of Compaq Armada Laptop PC Touching Planar Phantom
(5 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = -0.0353 dB

Peak SAR (extrapolated) = 0.482 W/kg

SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.162 mW/g



Date Tested: 03/09/05

Body SAR - PCS GPRS Mode - DUT with Compaq Armada Laptop PC - Single PCMCIA Slot - DUT External Battery Power
DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card (with PCMCIA Adapter); Serial: 0110430410292

Ambient Temp: 23.6 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 102.8 kPa; Humidity: 30%

Power Source: 3.7V 1000mAh Li-ion Battery (External)

Communication System: PCS GPRS

RF Output Power: 28.0 dBm (Conducted)

Frequency: 1880.0 MHz; Duty Cycle: 1:8.3

Medium: M1880 ($\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 – SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01

- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

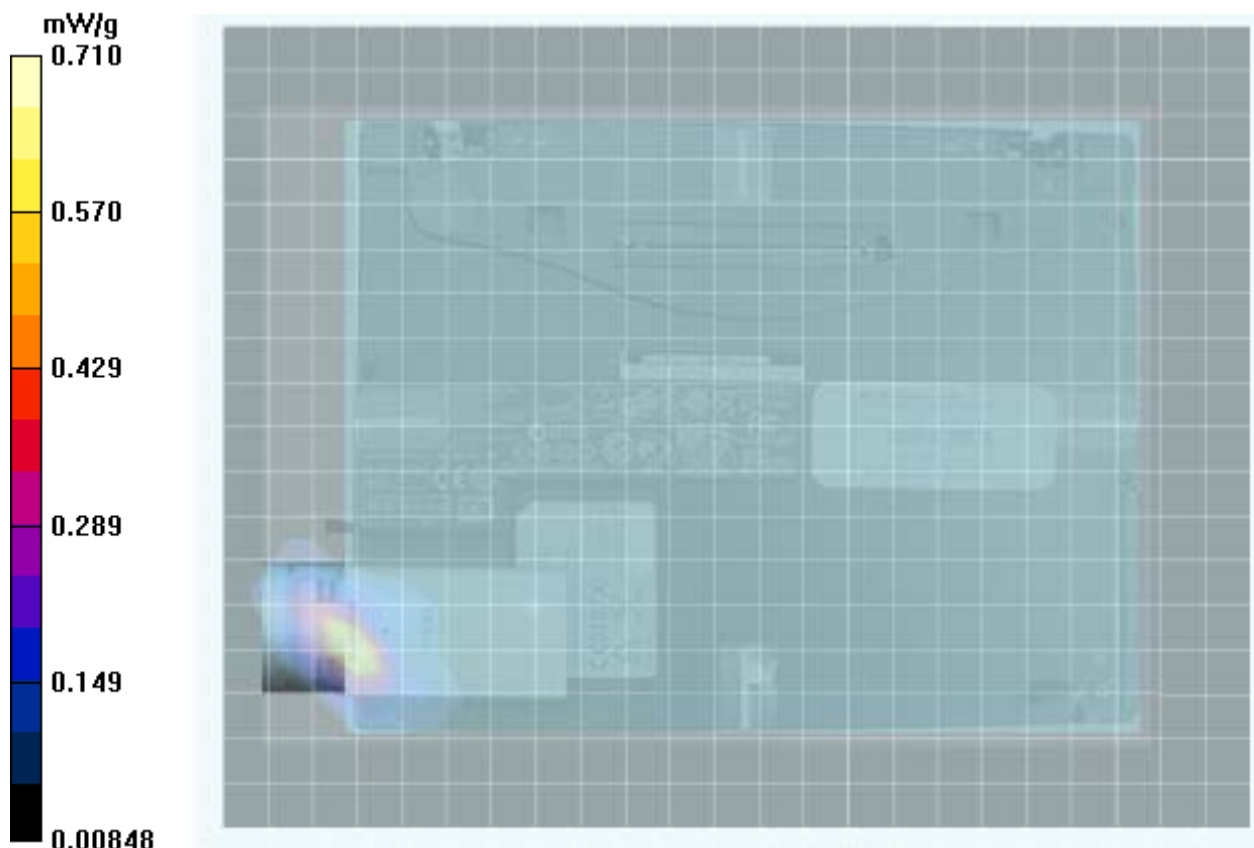
Body SAR - 1880.0 MHz - Bottom of Compaq Armada Laptop PC facing planar phantom (13 mm External Battery Spacing)
(17 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host Laptop PC)
Mid Channel/Area Scan (19x25x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 1880.0 MHz - Bottom of Compaq Armada Laptop PC facing planar phantom (13 mm External Battery Spacing)
(17 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host Laptop PC)
Mid Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = 0.117 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.283 mW/g



Date Tested: 03/09/05

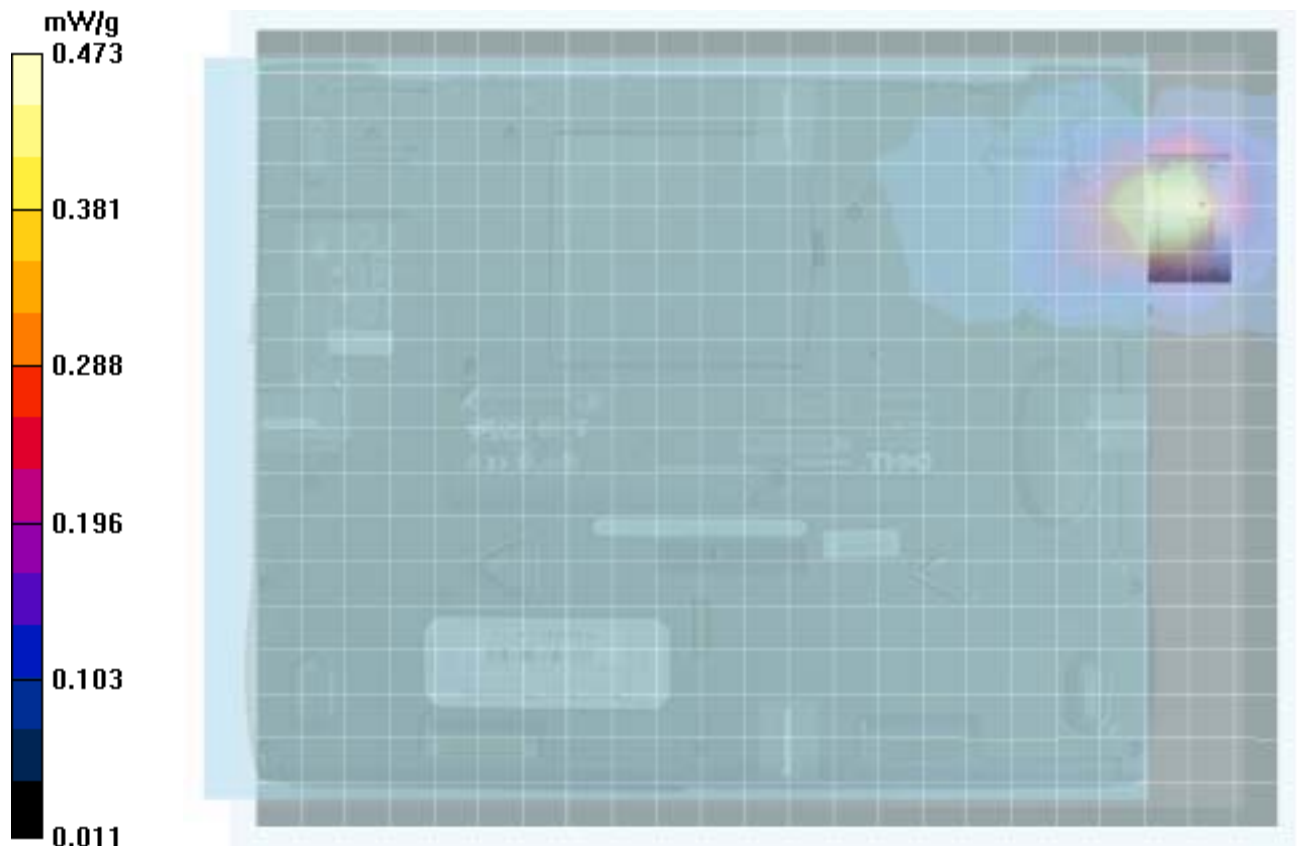
Body SAR - PCS GPRS Mode - DUT with Dell Inspiron Laptop PC - Bottom PCMCIA Slot - Laptop AC Power
DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card (with PCMCIA Adapter); Serial: 0110430410292

Ambient Temp: 23.6 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 102.8 kPa; Humidity: 30%

Power Source: Host Laptop PC (AC)
 Communication System: PCS GPRS
 RF Output Power: 28.0 dBm (Conducted)
 Frequency: 1880.0 MHz; Duty Cycle: 1:8.3
 Medium: M1880 ($\sigma = 1.53$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³)
 - Probe: ET3DV6 – SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004
 - Sensor-Surface: 4mm (Mechanical Surface Detection)
 - Electronics: DAE3 Sn370; Calibrated: 25/01/2005
 - Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
 - Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body SAR - 1880.0 MHz - Bottom of Dell Inspiron Laptop PC Touching Planar Phantom
(6 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Area Scan (19x25x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 1880.0 MHz - Bottom of Dell Inspiron Laptop PC Touching Planar Phantom
(6 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 17.3 V/m; Power Drift = -0.021 dB
 Peak SAR (extrapolated) = 0.661 W/kg
SAR(1 g) = 0.434 mW/g; SAR(10 g) = 0.264 mW/g



Date Tested: 03/09/05

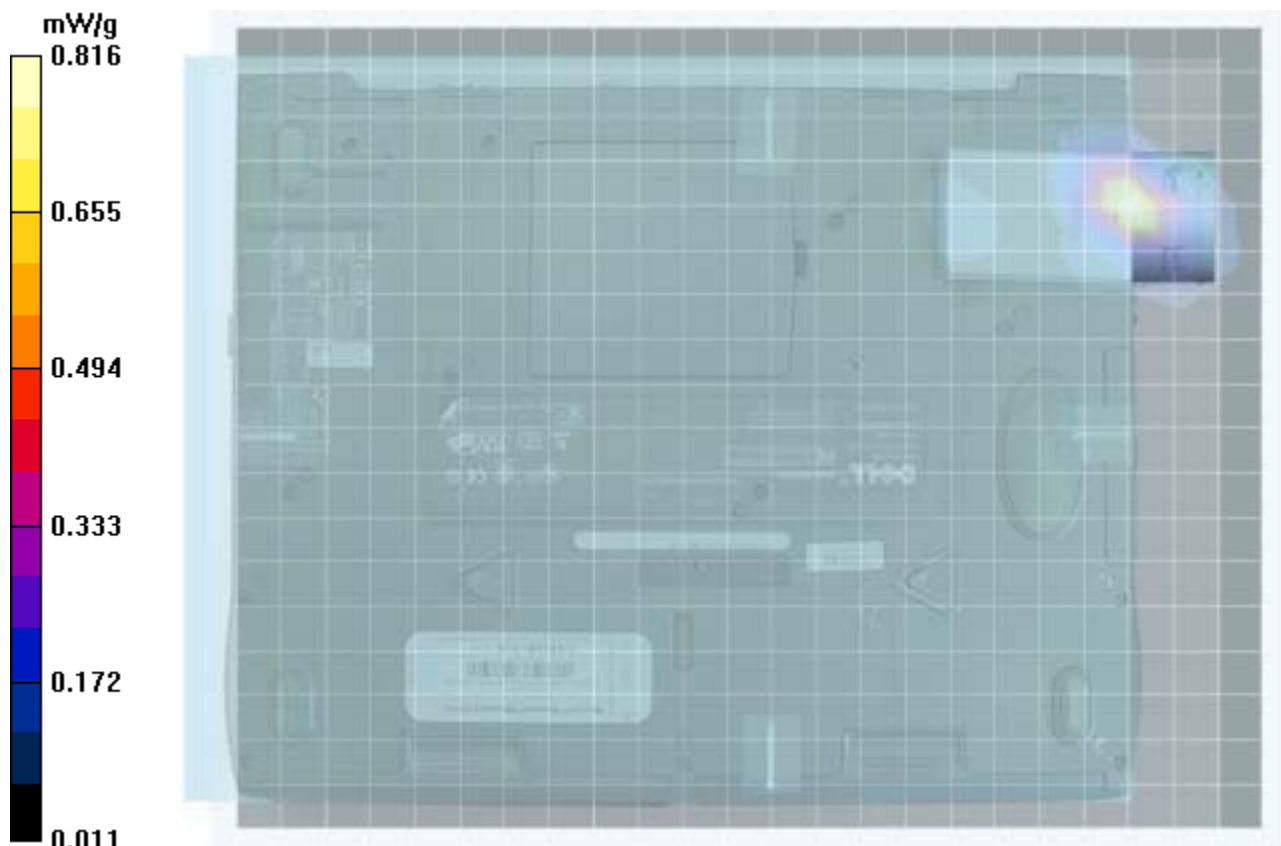
Body SAR - PCS GPRS Mode - DUT with Dell Inspiron Laptop PC - Bottom PCMCIA Slot - DUT External Battery Power
DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card (with PCMCIA Adapter); Serial: 0110430410292

Ambient Temp: 23.6 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 102.8 kPa; Humidity: 30%

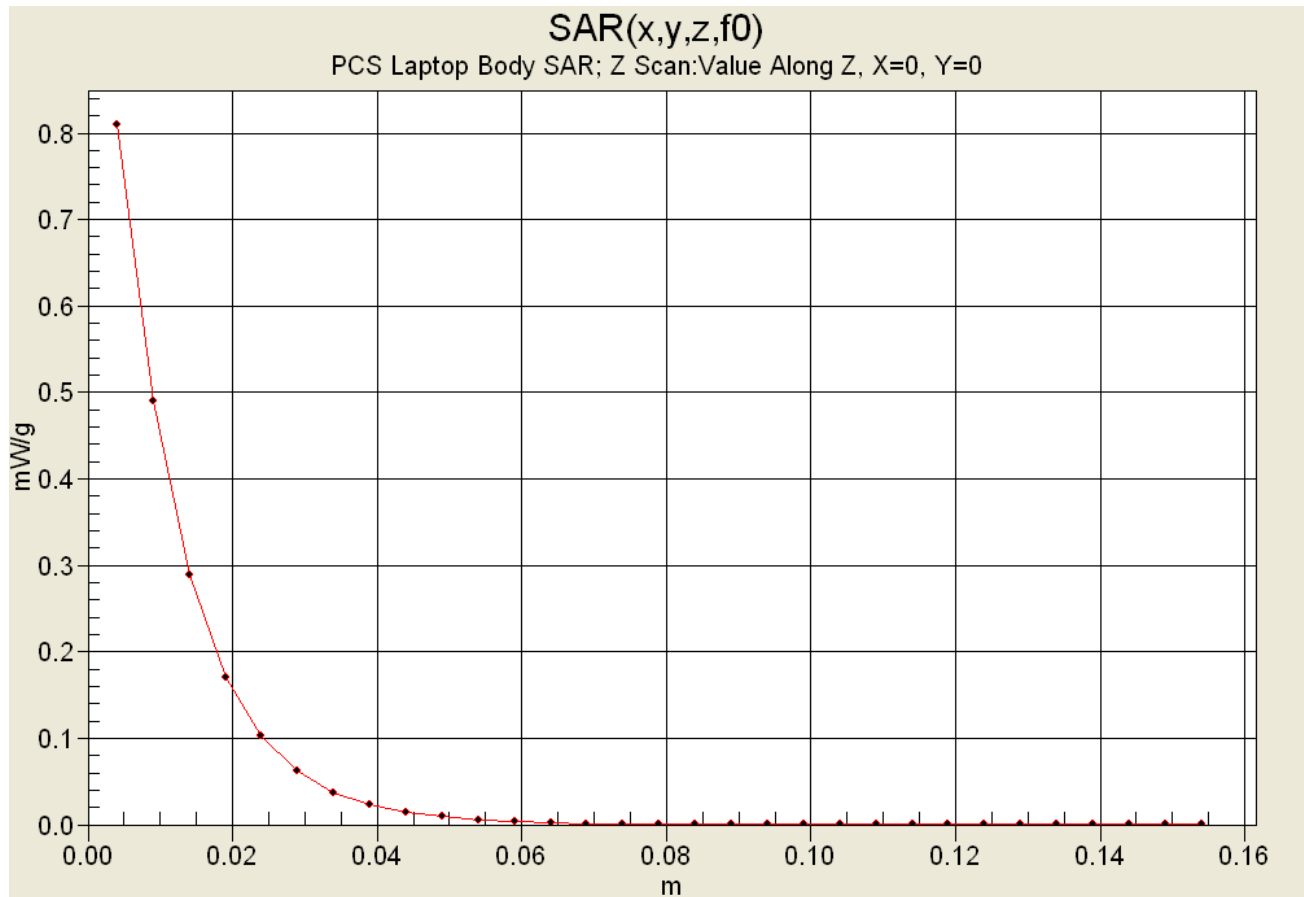
Power Source: 3.7V 1000mAh Li-ion Battery (External)
 Communication System: PCS GPRS
 RF Output Power: 28.0 dBm (Conducted)
 Frequency: 1880.0 MHz; Duty Cycle: 1:8.3
 Medium: M1880 ($\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$)
 - Probe: ET3DV6 – SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004
 - Sensor-Surface: 4mm (Mechanical Surface Detection)
 - Electronics: DAE3 Sn370; Calibrated: 25/01/2005
 - Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
 - Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body SAR - 1880.0 MHz - Bottom of Dell Inspiron Laptop PC facing planar phantom (13 mm External Battery Spacing)
(18 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host Laptop PC)
Mid Channel/Area Scan (19x25x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 1880.0 MHz - Bottom of Dell Inspiron Laptop PC facing planar phantom (13 mm External Battery Spacing)
(18 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host Laptop PC)
Mid Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 25.2 V/m; Power Drift = -0.190 dB
 Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.364 mW/g



Z-Axis Scan



Date Tested: 03/08/05

Body SAR (Lap-held) - PCS GPRS Mode - DUT with Casio E-125 PDA - Compact Flash Slot - PDA Battery Power

DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

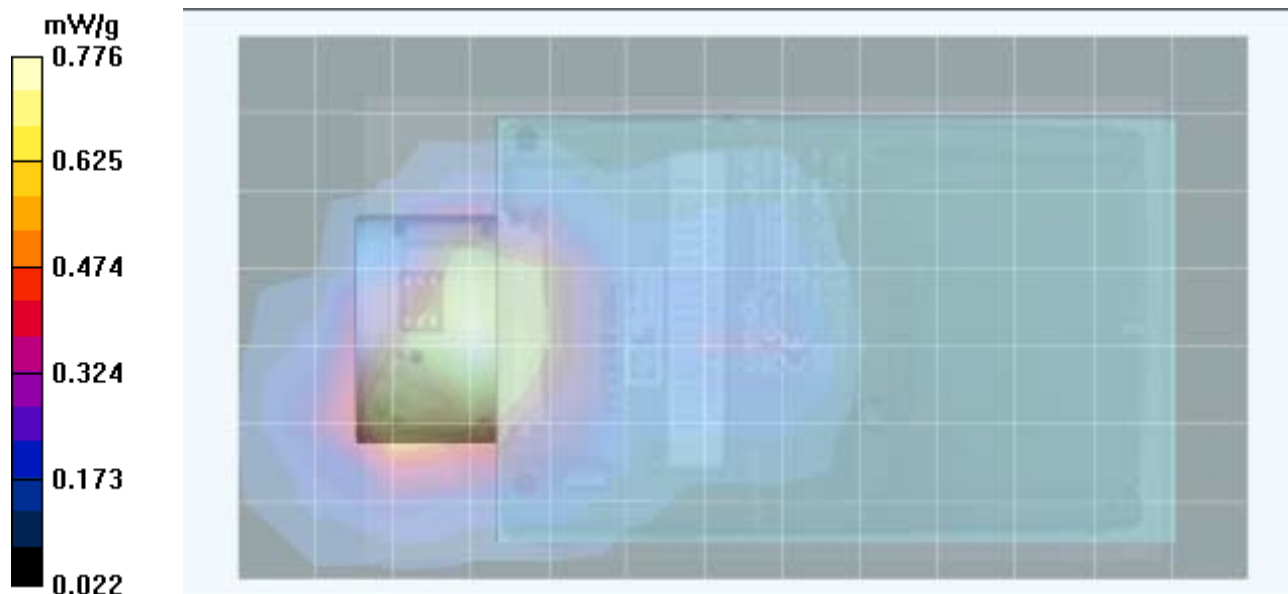
Ambient Temp: 24.9 °C; Fluid Temp: 22.0 °C; Barometric Pressure: 102.4 kPa; Humidity: 30%

Power Source: Host PDA (Battery)
Communication System: PCS GPRS
RF Output Power: 28.0 dBm (Conducted)
Frequency: 1880.0 MHz; Duty Cycle: 1:8.3
Medium: M1880 ($\sigma = 1.53$; mho/m, $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 – SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body SAR - 1880.0 MHz - Bottom of Casio E-125 PDA Touching Planar Phantom
(2 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 1880.0 MHz - Bottom of Casio E-125 PDA Touching Planar Phantom
(2 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = -0.130 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.720 mW/g; SAR(10 g) = 0.444 mW/g



Date Tested: 03/08/05

Body SAR (Lap-held) - PCS GPRS Mode - DUT with Casio E-125 PDA - Compact Flash Slot - DUT External Battery Power

DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

Ambient Temp: 24.9 °C; Fluid Temp: 22.0 °C; Barometric Pressure: 102.4 kPa; Humidity: 30%

Power Source: 3.7V 1000mAh Li-ion Battery (External)

Communication System: PCS GPRS

RF Output Power: 28.0 dBm (Conducted)

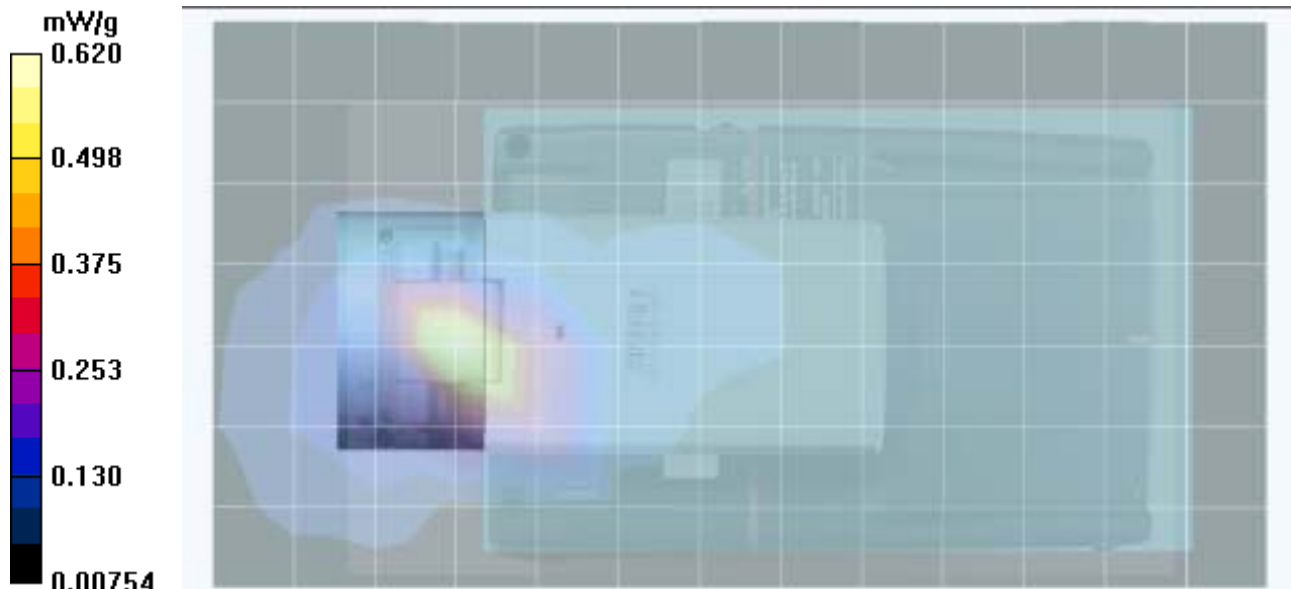
Frequency: 1880.0 MHz; Duty Cycle: 1:8.3

Medium: M1880 ($\sigma = 1.53$; mho/m, $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 – SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body SAR - 1880.0 MHz - Bottom of Casio E-125 PDA facing planar phantom (13 mm External Battery & Pivot Spacing) (15 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host PDA) (External Battery Pivot Touching Planar Phantom) – Mid Channel
Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 1880.0 MHz - Bottom of Casio E-125 PDA facing planar phantom (13 mm External Battery & Pivot Spacing) (15 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host PDA) (External Battery Pivot Touching Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 6.75 V/m; Power Drift = 0.0605 dB
 Peak SAR (extrapolated) = 0.872 W/kg
SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.272 mW/g



Date Tested: 03/08/05

Body SAR (Lap-held) - PCS GPRS Mode - DUT with Casio E-200 PDA - Compact Flash Slot - PDA Battery Power

DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

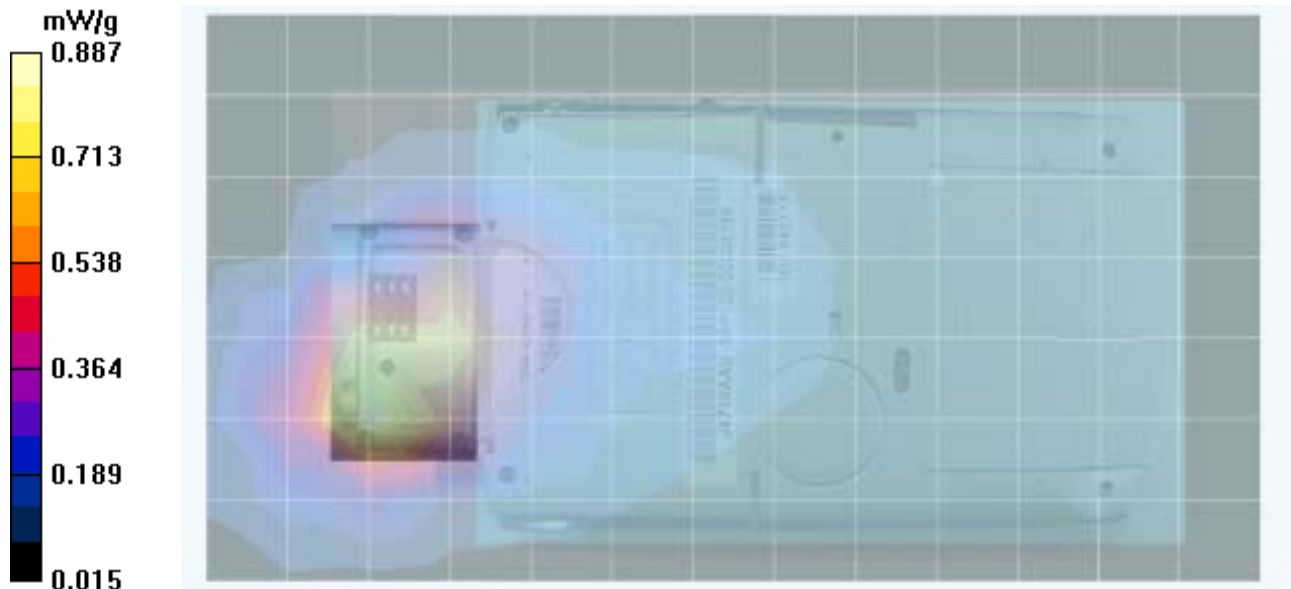
Ambient Temp: 24.9 °C; Fluid Temp: 22.0 °C; Barometric Pressure: 102.4 kPa; Humidity: 30%

Power Source: Host PDA (Battery)
Communication System: PCS GPRS
RF Output Power: 28.0 dBm (Conducted)
Frequency: 1880.0 MHz; Duty Cycle: 1:8.3
Medium: M1880 ($\sigma = 1.53$; mho/m, $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 – SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Body SAR - 1880.0 MHz - Bottom of Casio E-200 PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

**Body SAR - 1880.0 MHz - Bottom of Casio E-200 PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = 0.0429 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.430 mW/g



Date Tested: 03/08/05

Body SAR (Lap-held) - PCS GPRS Mode - DUT with Casio E-200 PDA - Compact Flash Slot - PDA Battery Power

DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

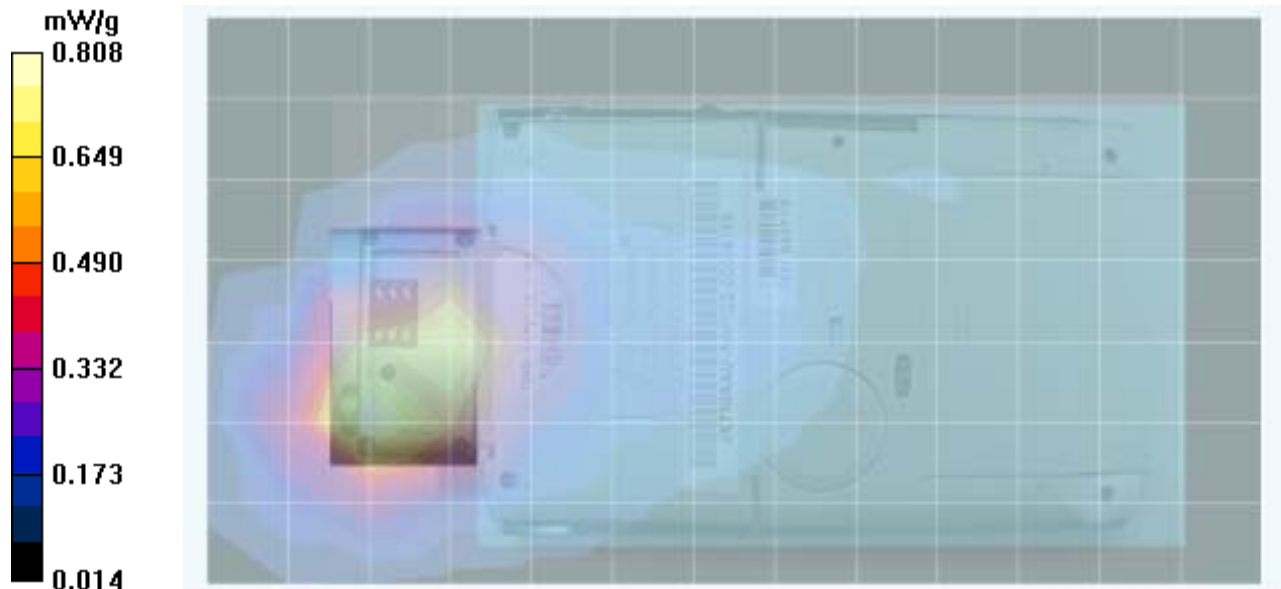
Ambient Temp: 24.9 °C; Fluid Temp: 22.0 °C; Barometric Pressure: 102.4 kPa; Humidity: 30%

Power Source: Host PDA (Battery)
Communication System: PCS GPRS
RF Output Power: 28.0 dBm (Conducted)
Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium: M1880 ($\sigma = 1.53$; mho/m, $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 – SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Body SAR - 1850.2 MHz - Bottom of Casio E-200 PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - Low Channel
Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

**Body SAR - 1850.2 MHz - Bottom of Casio E-200 PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - Low Channel
Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = -0.0184 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.405 mW/g



Date Tested: 03/08/05

Body SAR (Lap-held) - PCS GPRS Mode - DUT with Casio E-200 PDA - Compact Flash Slot - PDA Battery Power

DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

Ambient Temp: 24.9 °C; Fluid Temp: 22.0 °C; Barometric Pressure: 102.4 kPa; Humidity: 30%

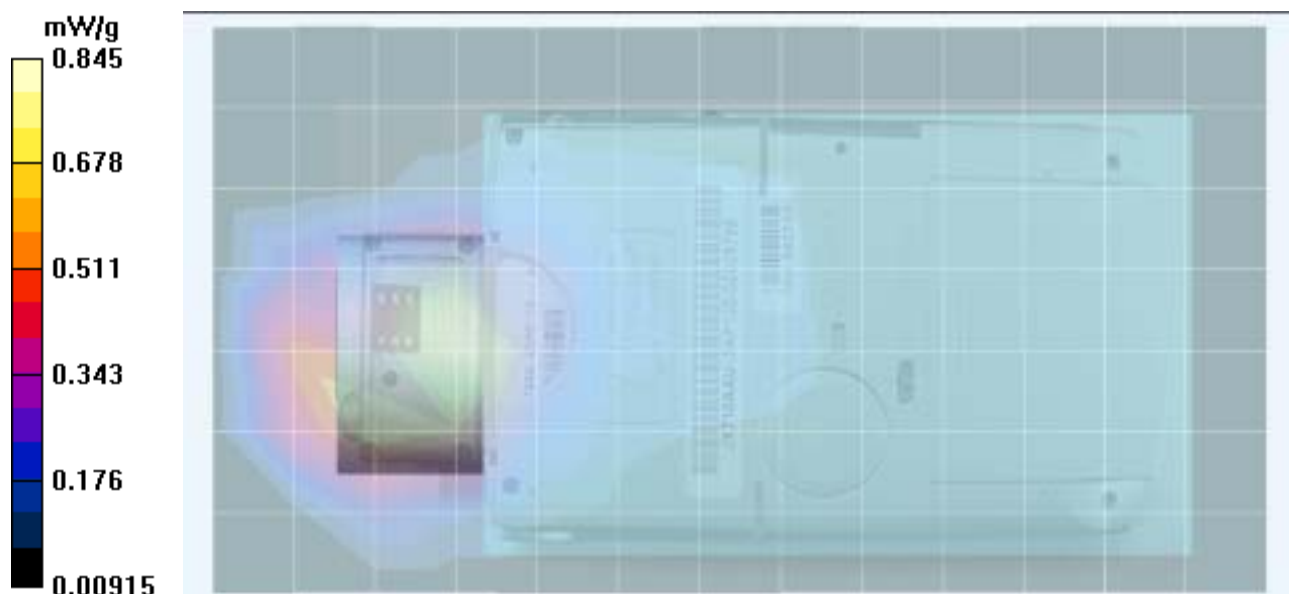
Power Source: Host PDA (Battery)
Communication System: PCS GPRS
RF Output Power: 28.0 dBm (Conducted)
Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium: M1880 ($\sigma = 1.53$; mho/m, $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 – SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Body SAR - 1909.8 MHz - Bottom of Casio E-200 PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - High Channel
Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

**Body SAR - 1909.8 MHz - Bottom of Casio E-200 PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - High Channel
Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.19 V/m; Power Drift = -0.206 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.416 mW/g

**Body SAR - 1909.8 MHz - Bottom of Casio E-200 PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - High Channel
Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.19 V/m; Power Drift = -0.206 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.290 mW/g



Date Tested: 03/08/05

Body SAR (Lap-held) - PCS GPRS Mode - DUT with Casio E-200 PDA - Compact Flash Slot - DUT External Battery Power

DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

Ambient Temp: 24.9 °C; Fluid Temp: 22.0 °C; Barometric Pressure: 102.4 kPa; Humidity: 30%

Power Source: 3.7V 1000mAh Li-ion Battery (External)

Communication System: PCS GPRS

RF Output Power: 28.0 dBm (Conducted)

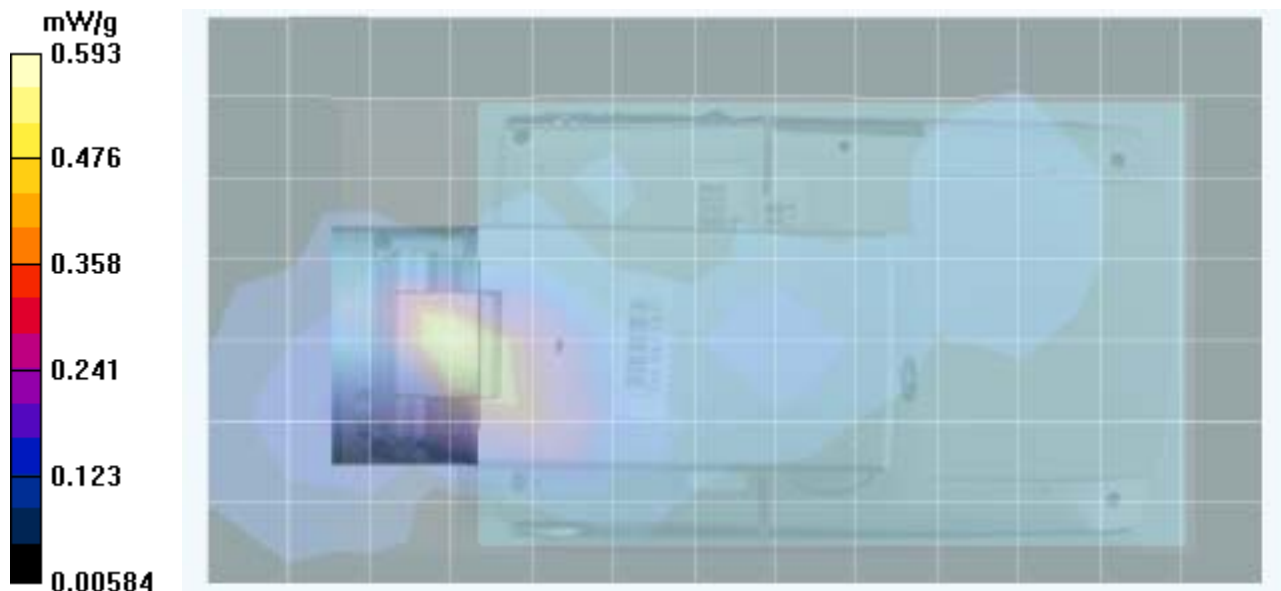
Frequency: 1880.0 MHz; Duty Cycle: 1:8.3

Medium: M1880 ($\sigma = 1.53$; mho/m, $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 – SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body SAR - 1880.0 MHz - Bottom of Casio E-200 PDA facing planar phantom (16 mm External Battery & Pivot Spacing) (15 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host PDA) (External Battery Pivot Touching Planar Phantom) - Mid Channel
Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 1880.0 MHz - Bottom of Casio E-200 PDA facing planar phantom (16 mm External Battery & Pivot Spacing) (15 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host PDA) (External Battery Pivot Touching Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 9.55 V/m; Power Drift = -0.0539 dB
 Peak SAR (extrapolated) = 0.853 W/kg
SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.258 mW/g



Date Tested: 03/08/05

Body SAR (Lap-held) - PCS GPRS Mode - DUT with HP iPAQ PDA - Compact Flash Slot - PDA Battery Power

DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

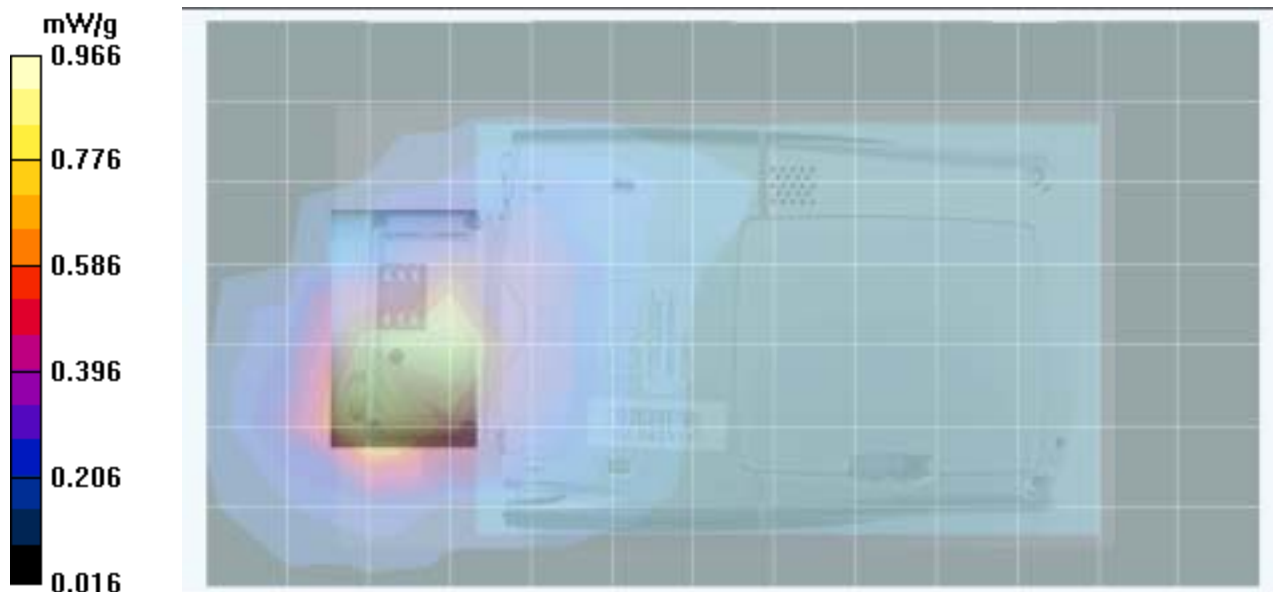
Ambient Temp: 24.9 °C; Fluid Temp: 22.0 °C; Barometric Pressure: 102.4 kPa; Humidity: 30%

Power Source: Host PDA (Battery)
Communication System: PCS GPRS
RF Output Power: 28.0 dBm (Conducted)
Frequency: 1880.0 MHz; Duty Cycle: 1:8.3
Medium: M1880 ($\sigma = 1.53$; mho/m, $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$)

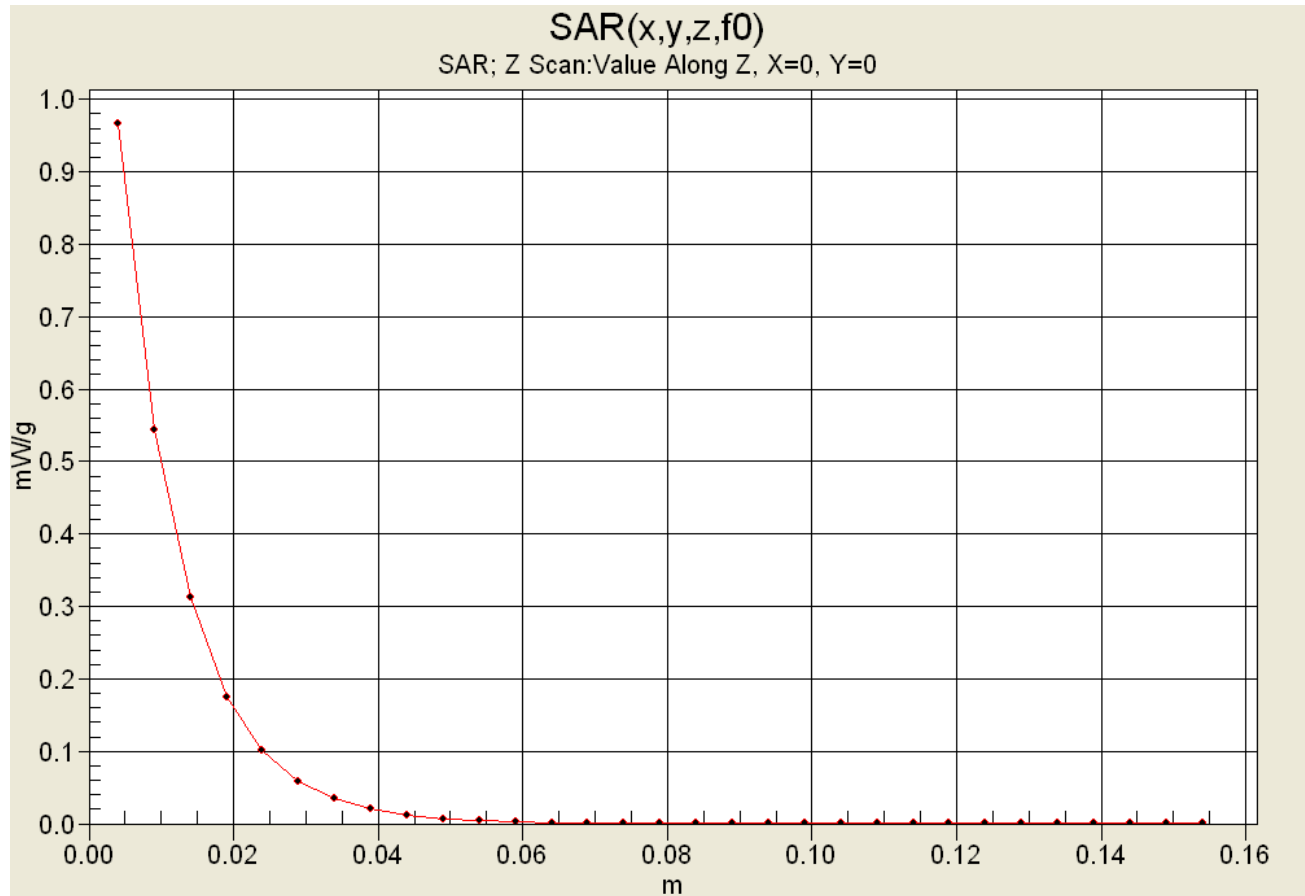
- Probe: ET3DV6 – SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Body SAR - 1880.0 MHz - Bottom of HP iPAQ PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

**Body SAR - 1880.0 MHz - Bottom of HP iPAQ PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.78 V/m; Power Drift = -0.157 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.879 mW/g; SAR(10 g) = 0.487 mW/g



Z-Axis Scan



Date Tested: 03/08/05

Body SAR (Lap-held) - PCS GPRS Mode - DUT with HP iPAQ PDA - Compact Flash Slot - PDA Battery Power

DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

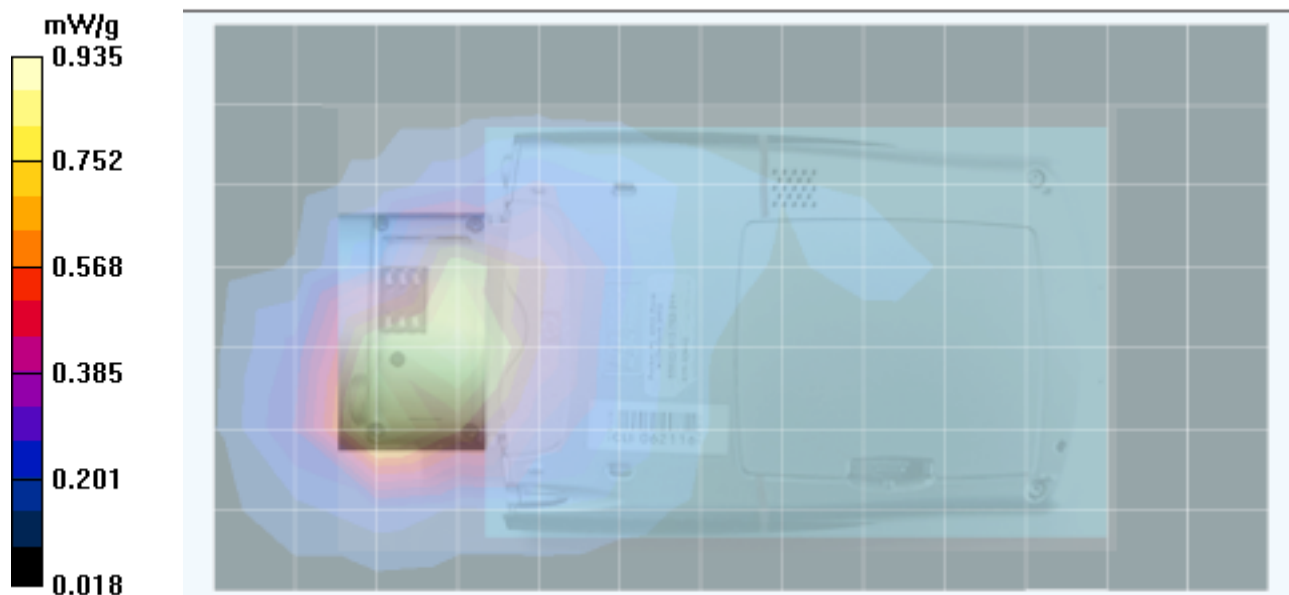
Ambient Temp: 24.9 °C; Fluid Temp: 22.0 °C; Barometric Pressure: 102.4 kPa; Humidity: 30%

Power Source: Host PDA (Battery)
Communication System: PCS GPRS
RF Output Power: 28.0 dBm (Conducted)
Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium: M1880 ($\sigma = 1.53$; mho/m, $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 – SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Body SAR - 1850.2 MHz - Bottom of HP iPAQ PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - Low Channel
Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

**Body SAR - 1850.2 MHz - Bottom of HP iPAQ PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - Low Channel
Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.4 V/m; Power Drift = -0.129 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.487 mW/g



Date Tested: 03/08/05

Body SAR (Lap-held) - PCS GPRS Mode - DUT with HP iPAQ PDA - Compact Flash Slot - PDA Battery Power

DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

Ambient Temp: 24.9 °C; Fluid Temp: 22.0 °C; Barometric Pressure: 102.4 kPa; Humidity: 30%

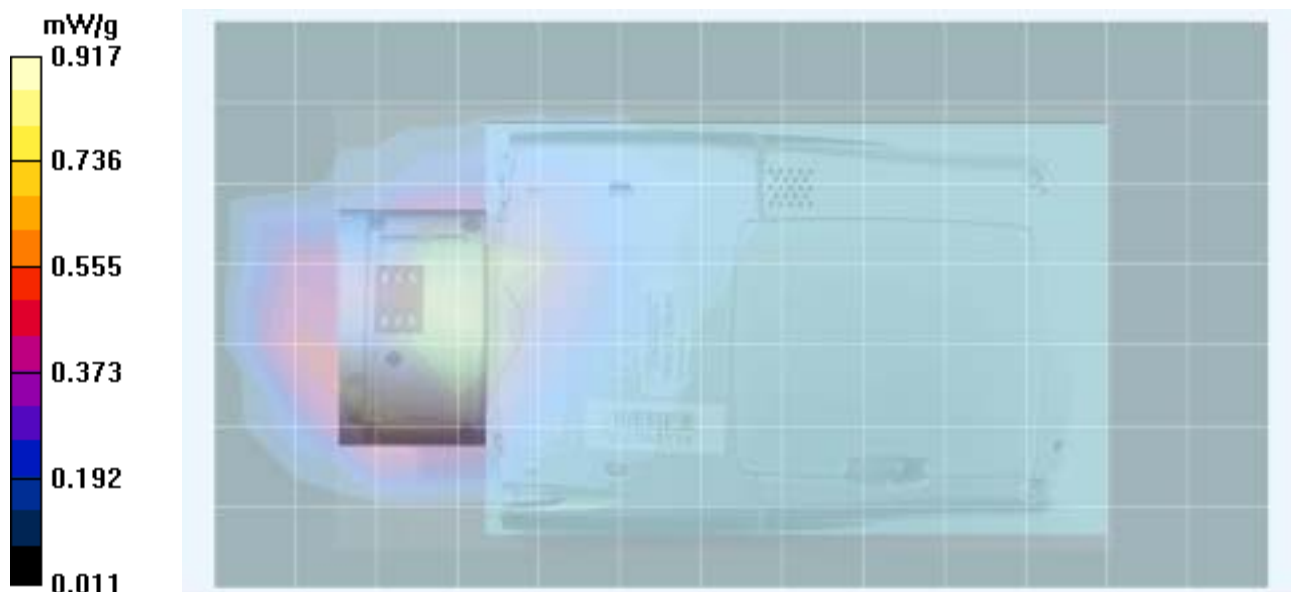
Power Source: Host PDA (Battery)
Communication System: PCS GPRS
RF Output Power: 28.0 dBm (Conducted)
Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
Medium: M1880 ($\sigma = 1.53$; mho/m, $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$)

- Probe: ET3DV6 - SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Body SAR - 1909.8 MHz - Bottom of HP iPAQ PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - High Channel
Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

**Body SAR - 1909.8 MHz - Bottom of HP iPAQ PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - High Channel
Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.8 V/m; Power Drift = -0.0170 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.475 mW/g

**Body SAR - 1909.8 MHz - Bottom of HP iPAQ PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - High Channel
Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.8 V/m; Power Drift = -0.0170 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.369 mW/g



Date Tested: 03/09/05

Body SAR (Lap-held) - PCS GPRS Mode - DUT with HP iPAQ PDA - Compact Flash Slot - DUT External Battery Power

DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

Ambient Temp: 23.6 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 102.8 kPa; Humidity: 30%

Power Source: 3.7V 1000mAh Li-ion Battery (External)

Communication System: PCS GPRS

RF Output Power: 28.0 dBm (Conducted)

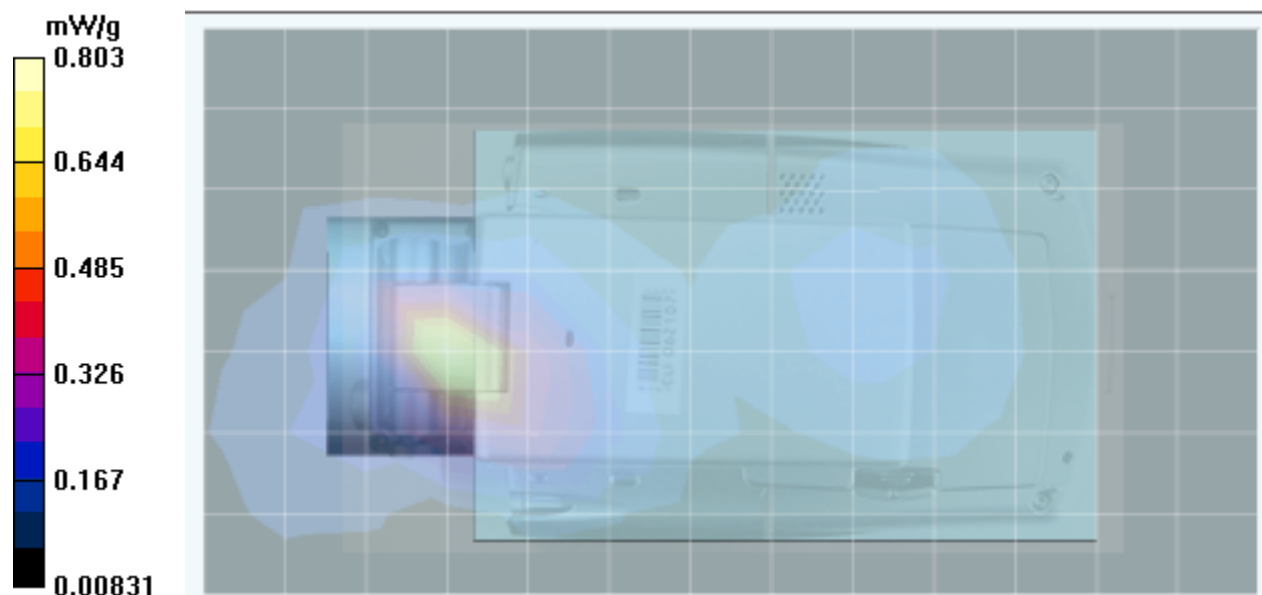
Frequency: 1880.0 MHz; Duty Cycle: 1:8.3

Medium: M1880 ($\sigma = 1.53$; mho/m, $\epsilon_r = 52.2$; $\rho = 1000 \text{ kg/m}^3$)

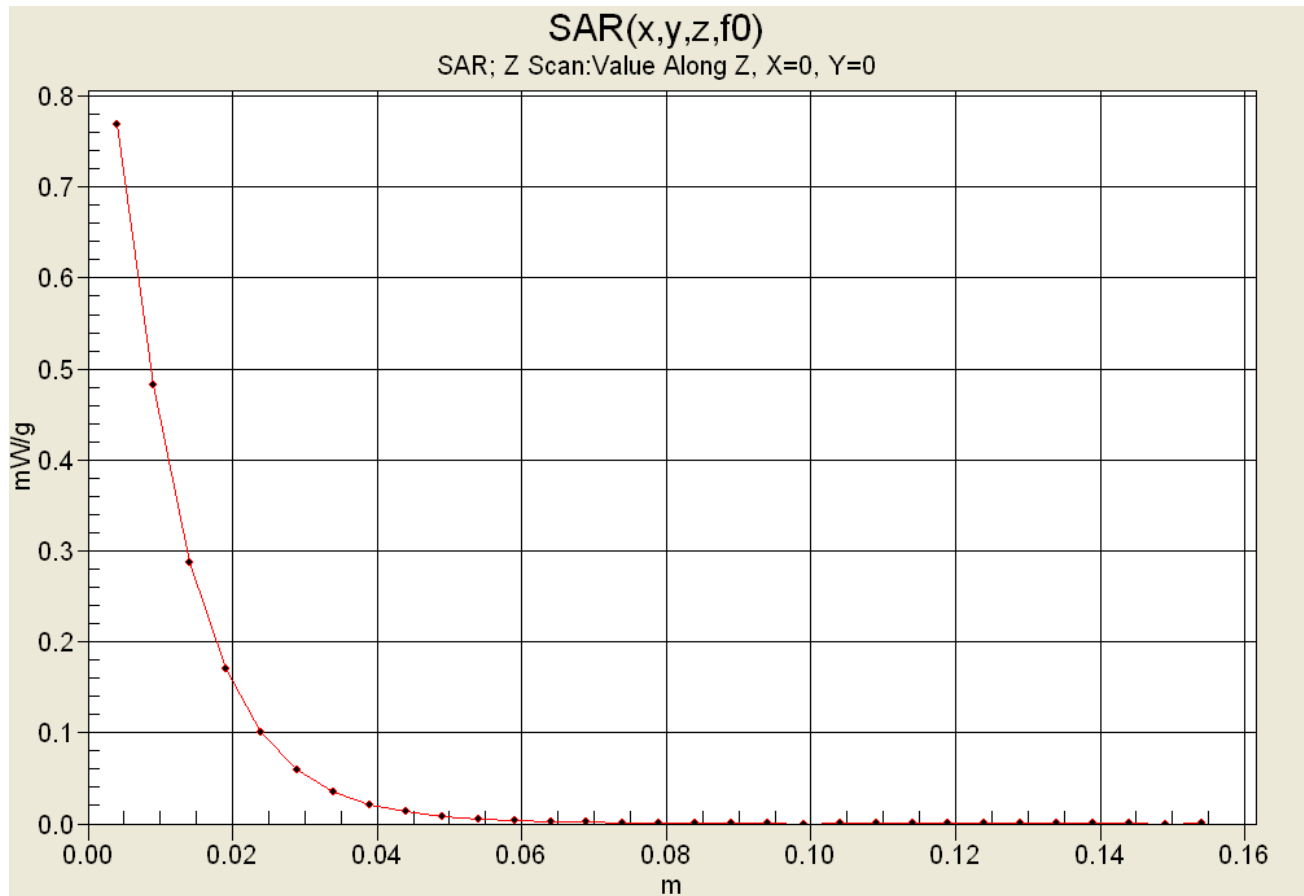
- Probe: ET3DV6 - SN1590; ConvF(4.58, 4.58, 4.58); Calibrated: 24/05/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body SAR - 1880.0 MHz - Bottom of HP iPAQ PDA facing planar phantom (16 mm External Battery & Pivot Spacing) (15 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host PDA) (External Battery Pivot Touching Planar Phantom) - Mid Channel
Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 1880.0 MHz - Bottom of HP iPAQ PDA facing planar phantom (16 mm External Battery & Pivot Spacing) (15 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host PDA) (External Battery Pivot Touching Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 24.2 V/m; Power Drift = 0.0274 dB
 Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.369 mW/g



Z-Axis Scan



Date Tested: 03/04/05

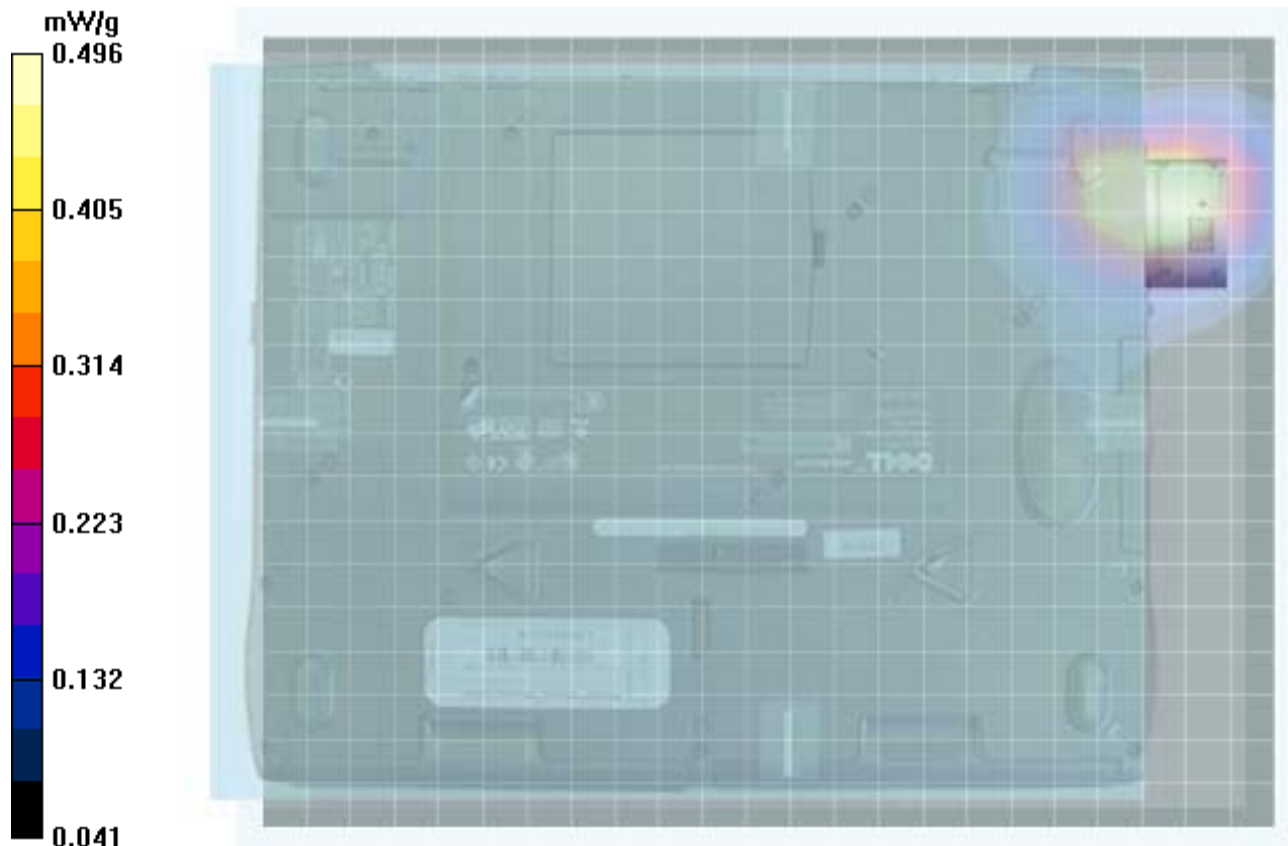
Body SAR - Cellular GPRS Mode - DUT with Dell Inspiron Laptop PC - Bottom PCMCIA Slot - Laptop AC Power
DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card (with PCMCIA Adapter); Serial: 0110430410292

Ambient Temp: 25.0 °C; Fluid Temp: 21.3 °C; Barometric Pressure: 102.3 kPa; Humidity: 30%

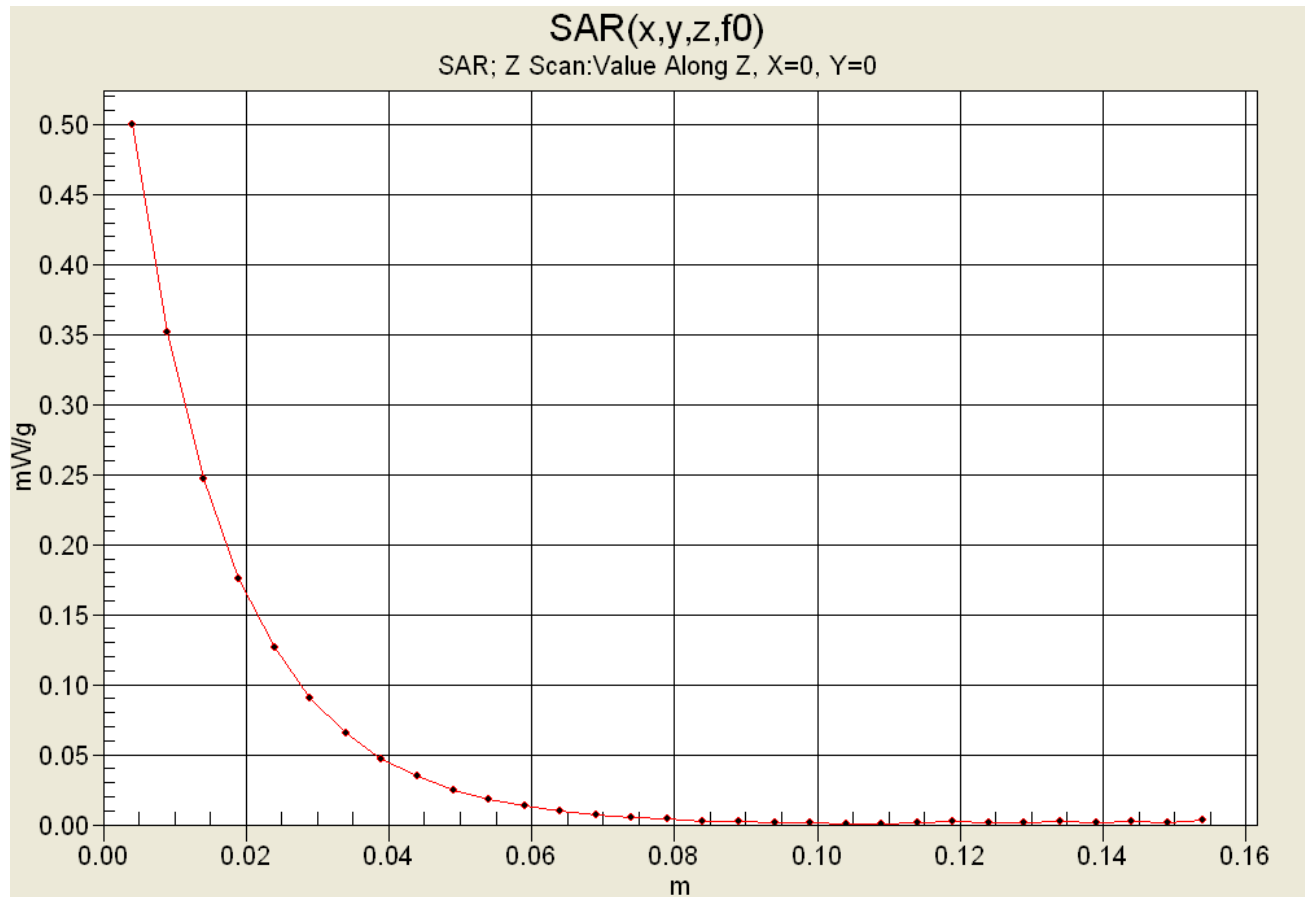
Power Source: Host Laptop PC (AC)
 Communication System: Cellular GPRS
 RF Output Power: 31.0 dBm (Conducted)
 Frequency: 836.6 MHz; Duty Cycle: 1:8.3
 Medium: M835 ($\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³)
 - Probe: ET3DV6 – SN1590; ConvF(6.54, 6.54, 6.54); Calibrated: 24/05/2004
 - Sensor-Surface: 4mm (Mechanical Surface Detection)
 - Electronics: DAE3 Sn370; Calibrated: 25/01/2005
 - Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
 - Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body SAR - 836.6 MHz - Bottom of Dell Inspiron Laptop PC Touching Planar Phantom
(6.0 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Area Scan (19x25x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 836.6 MHz - Bottom of Dell Inspiron Laptop PC Touching Planar Phantom
(6.0 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 22.3 V/m; Power Drift = -0.124 dB
 Peak SAR (extrapolated) = 0.671 W/kg
SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.312 mW/g



Z-Axis Scan



Date Tested: 03/04/05

Body SAR - Cellular GPRS Mode - DUT with Dell Inspiron Laptop PC - Bottom PCMCIA Slot - DUT External Battery Power
DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card (with PCMCIA Adapter); Serial: 0110430410292

Ambient Temp: 25.0 °C; Fluid Temp: 21.3 °C; Barometric Pressure: 102.3 kPa; Humidity: 30%

Power Source: 3.7V 1000mAh Li-ion Battery (External)

Communication System: Cellular GPRS

RF Output Power: 31.0 dBm (Conducted)

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: M835 ($\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1590; ConvF(6.54, 6.54, 6.54); Calibrated: 24/05/2004

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01

- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

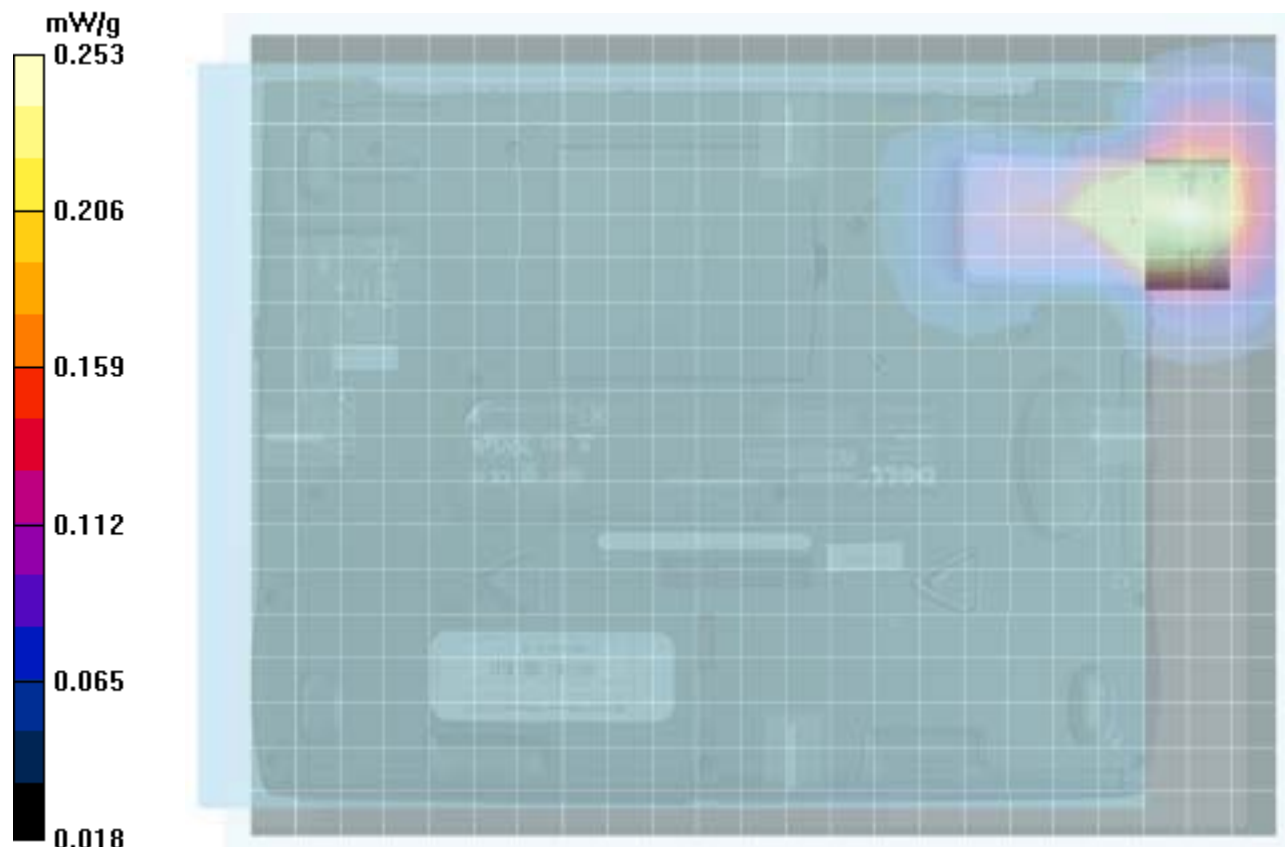
Body SAR - 836.6 MHz - Bottom of Dell Inspiron Laptop PC facing planar phantom (13 mm External Battery Spacing)
(18.0 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host Laptop PC)
Mid Channel/Area Scan (19x25x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 836.6 MHz - Bottom of Dell Inspiron Laptop PC facing planar phantom (13 mm External Battery Spacing)
(18.0 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host Laptop PC)
Mid Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = -0.0793 dB

Peak SAR (extrapolated) = 0.365 W/kg

SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.151 mW/g



Date Tested: 03/07/05

Body SAR - Cellular GPRS Mode - DUT with Sony VAIO Laptop PC - Bottom PCMCIA Slot - Laptop AC Power
DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card (with PCMCIA Adapter); Serial: 0110430410292

Ambient Temp: 24.1 °C; Fluid Temp: 23.2 °C; Barometric Pressure: 102.3 kPa; Humidity: 30%

Power Source: Host Laptop PC (AC)

Communication System: Cellular GPRS

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

RF Output Power: 31.0 dBm (Conducted)

Medium: M835 ($\sigma = 1.01$ mho/m; $\epsilon_r = 54.0$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 – SN1590; ConvF(6.54, 6.54, 6.54); Calibrated: 24/05/2004

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01

- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 146

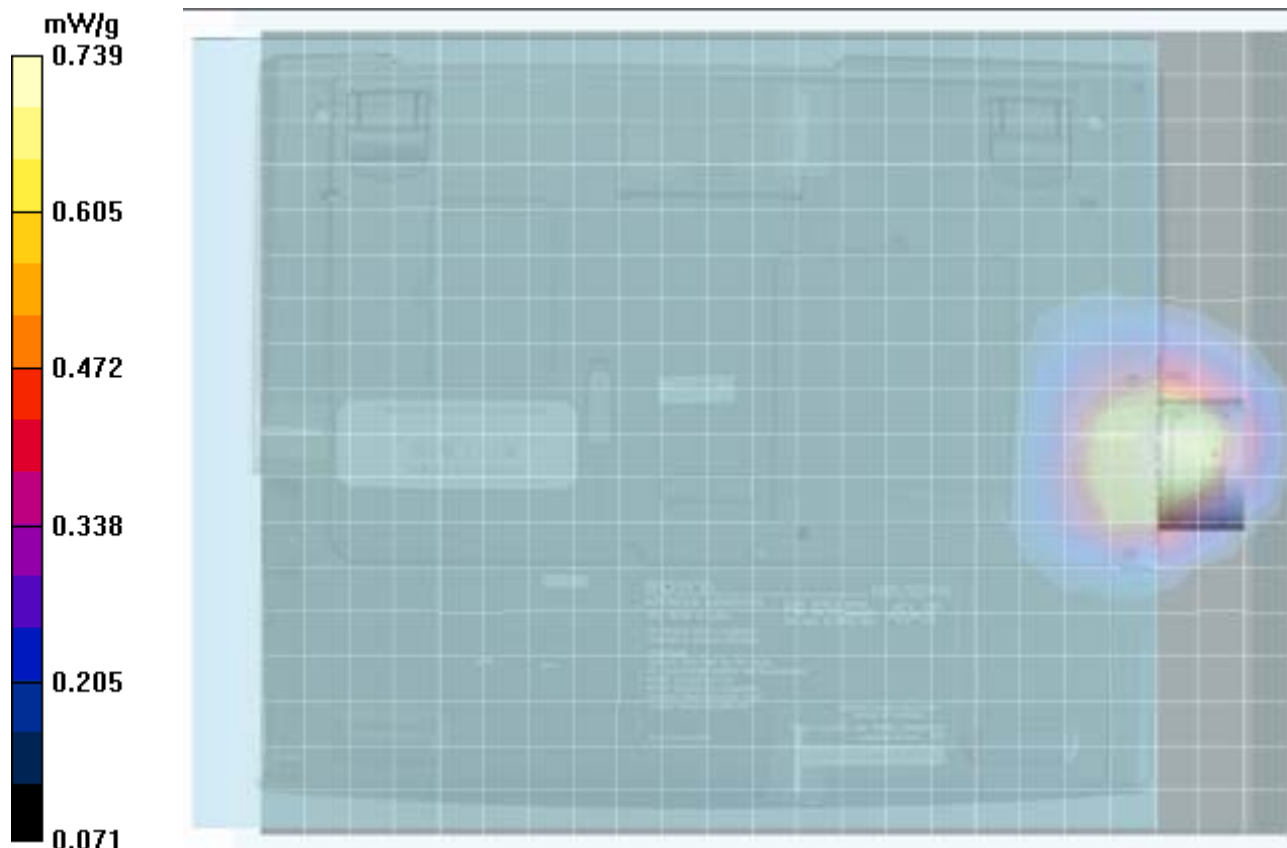
Body SAR - 836.6 MHz - Bottom of Sony VAIO Laptop PC Touching Planar Phantom
(6.0 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Area Scan (19x25x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 836.6 MHz - Bottom of Sony VAIO Laptop PC Touching Planar Phantom
(6.0 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

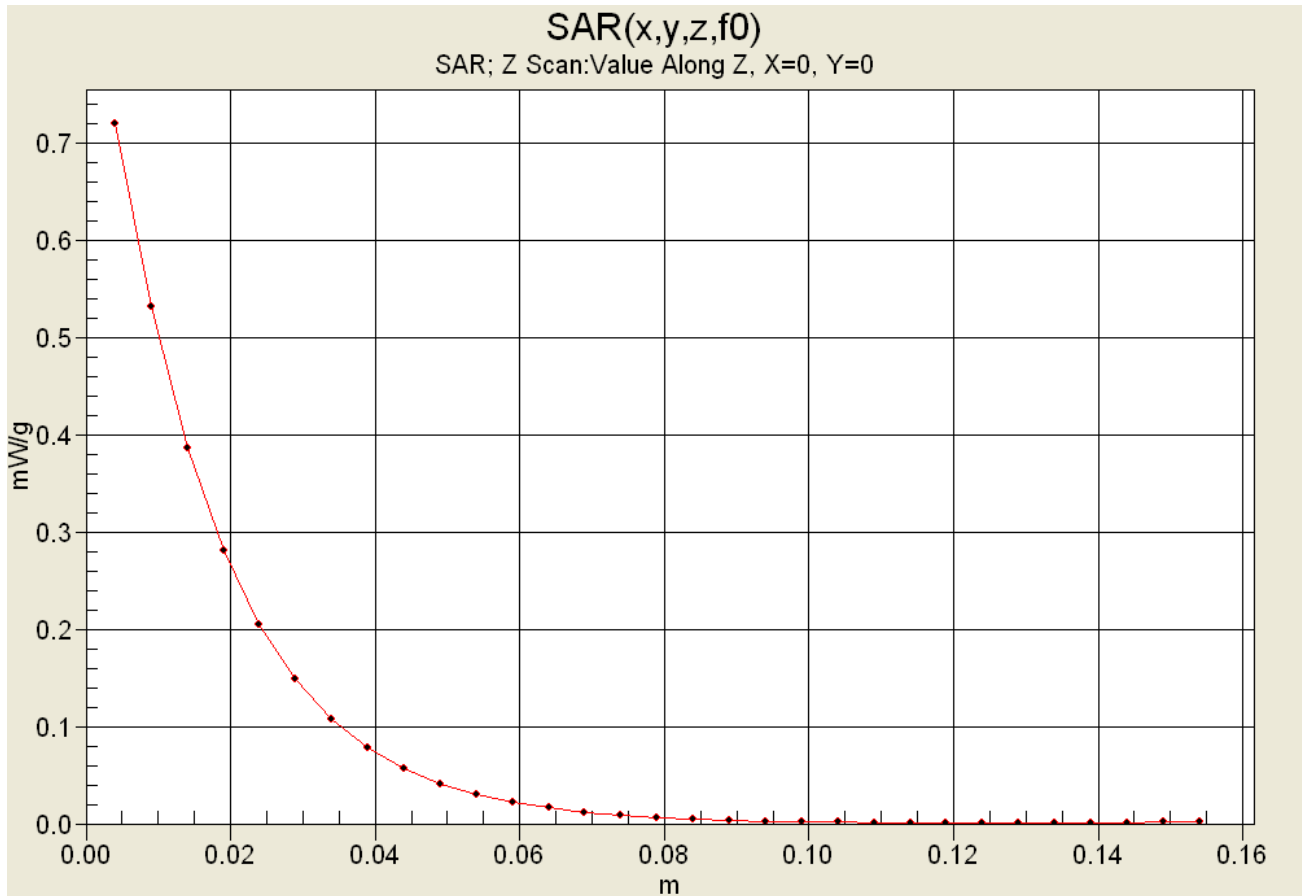
Reference Value = 27.4 V/m; Power Drift = -0.0183 dB

Peak SAR (extrapolated) = 0.950 W/kg

SAR(1 g) = 0.686 mW/g; SAR(10 g) = 0.483 mW/g



Z-Axis Scan



Date Tested: 03/07/05

Body SAR - Cellular GPRS Mode - DUT with Sony VAIO Laptop PC - Bottom PCMCIA Slot - DUT External Battery Power
DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card (with PCMCIA Adapter); Serial: 0110430410292

Ambient Temp: 24.1 °C; Fluid Temp: 23.2 °C; Barometric Pressure: 102.3 kPa; Humidity: 30%

Power Source: 3.7V 1000mAh Li-ion Battery (External)

Communication System: Cellular GPRS

RF Output Power: 31.0 dBm (Conducted)

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: M835 ($\sigma = 1.01$ mho/m; $\epsilon_r = 54.0$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1590; ConvF(6.54, 6.54, 6.54); Calibrated: 24/05/2004

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01

- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 146

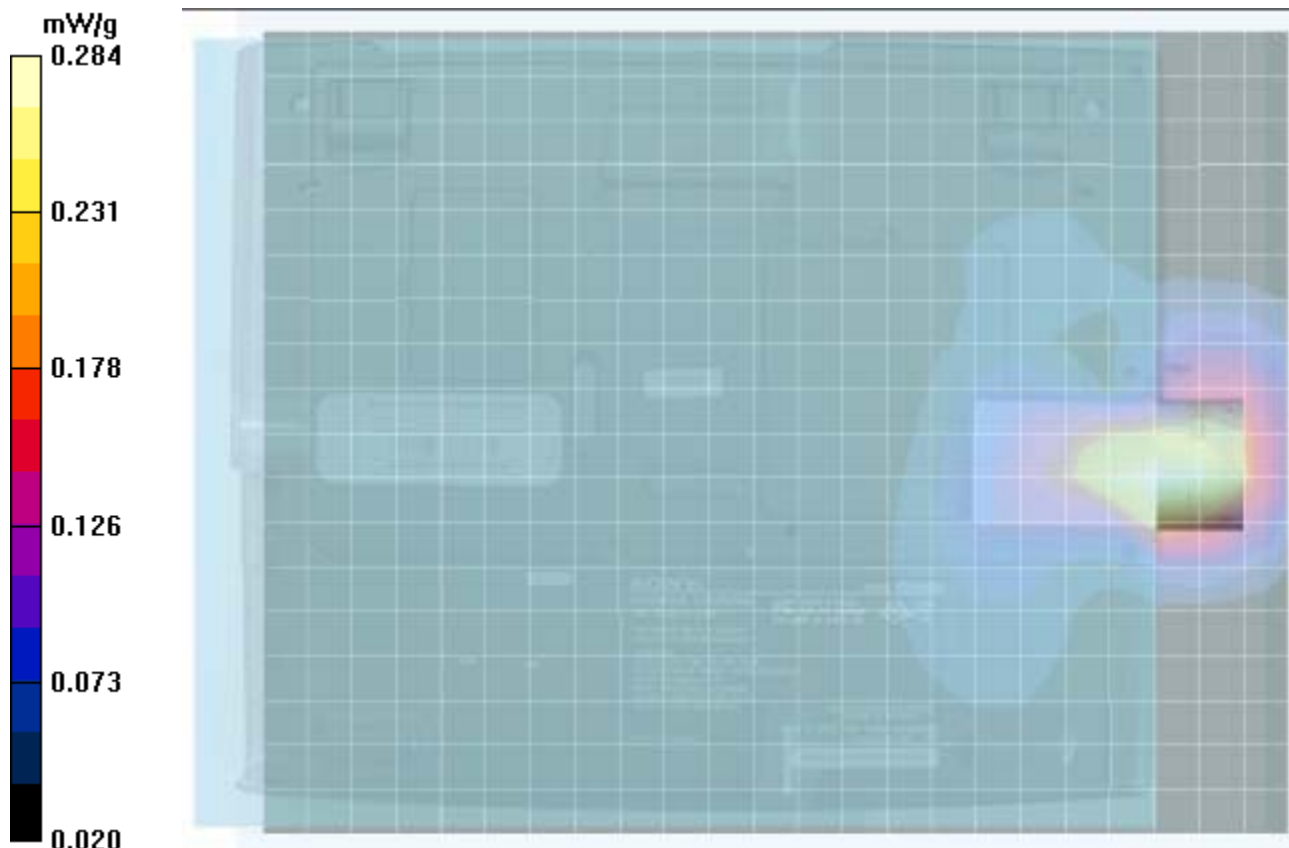
Body SAR - 836.6 MHz - Bottom of Sony VAIO Laptop PC facing planar phantom (13 mm External Battery Spacing)
(20.0 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host Laptop PC)
Mid Channel/Area Scan (19x25x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 836.6 MHz - Bottom of Sony VAIO Laptop PC facing planar phantom (13 mm External Battery Spacing)
(20.0 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host Laptop PC)
Mid Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = 0.175 dB

Peak SAR (extrapolated) = 0.442 W/kg

SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.170 mW/g



Date Tested: 03/07/05

Body SAR - Cellular GPRS Mode - DUT with Compaq Armada Laptop PC - Single PCMCIA Slot - Laptop AC Power
DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card (with PCMCIA Adapter); Serial: 0110430410292

Ambient Temp: 24.1 °C; Fluid Temp: 23.2 °C; Barometric Pressure: 102.3 kPa; Humidity: 30%

Power Source: Host Laptop PC (AC)

Communication System: Cellular GPRS

RF Output Power: 31.0 dBm (Conducted)

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: M835 ($\sigma = 1.01$ mho/m; $\epsilon_r = 54.0$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1590; ConvF(6.54, 6.54, 6.54); Calibrated: 24/05/2004

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01

- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 146

Body SAR - 836.6 MHz - Bottom of Compaq Armada Laptop PC Touching Planar Phantom
(5.0 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel

Area Scan (19x25x1): Measurement grid: dx=15mm, dy=15mm

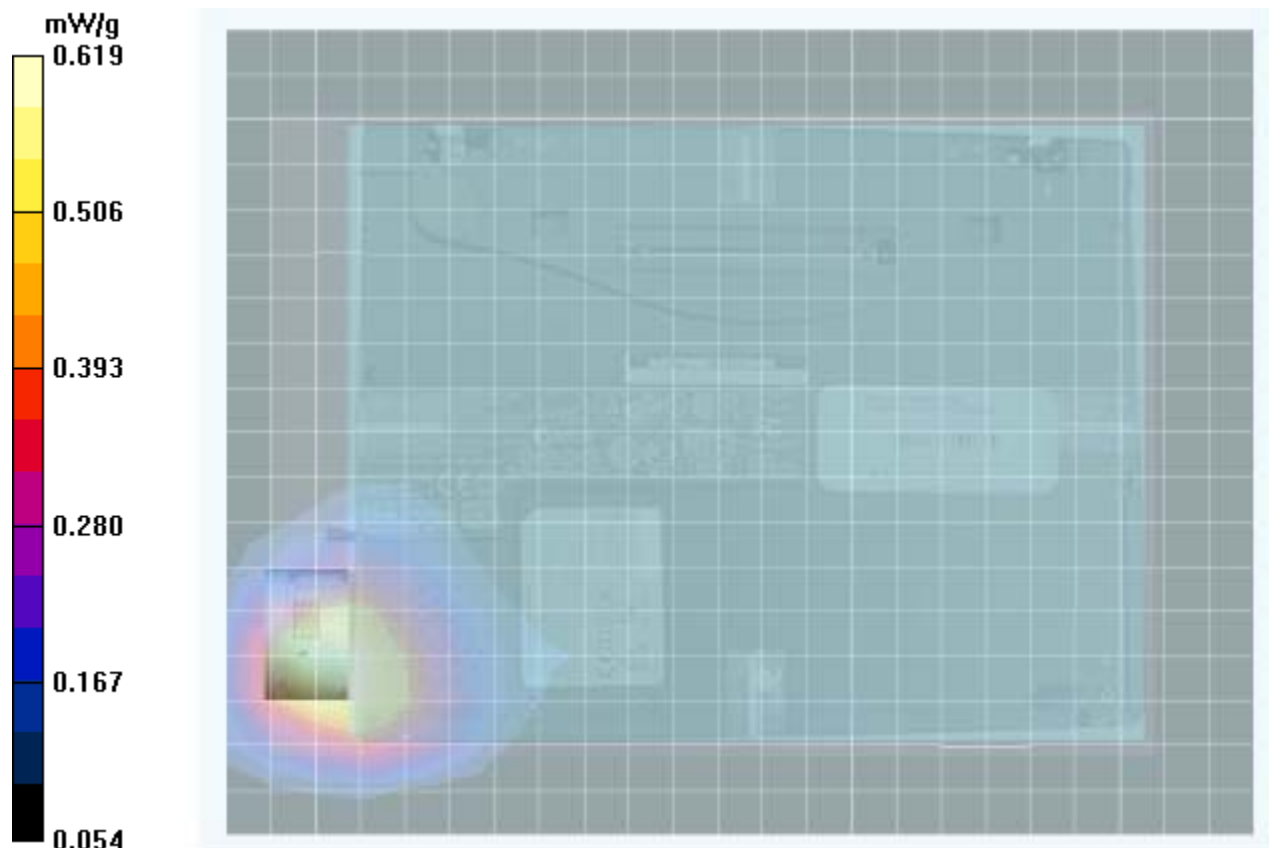
Body SAR - 836.6 MHz - Bottom of Compaq Armada Laptop PC Touching Planar Phantom
(5.0 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.3 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 0.811 W/kg

SAR(1 g) = 0.580 mW/g; SAR(10 g) = 0.395 mW/g



Date Tested: 03/07/05

Body SAR - Cellular GPRS Mode - DUT with Compaq Armada Laptop PC - Single PCMCIA Slot - DUT External Battery Power
DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card (with PCMCIA Adapter); Serial: 0110430410292

Ambient Temp: 24.1 °C; Fluid Temp: 23.2 °C; Barometric Pressure: 102.3 kPa; Humidity: 30%

Power Source: 3.7V 1000mAh Li-ion Battery (External)

Communication System: Cellular GPRS

RF Output Power: 31.0 dBm (Conducted)

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: M835 ($\sigma = 1.01$ mho/m; $\epsilon_r = 54.0$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1590; ConvF(6.54, 6.54, 6.54); Calibrated: 24/05/2004

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01

- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 146

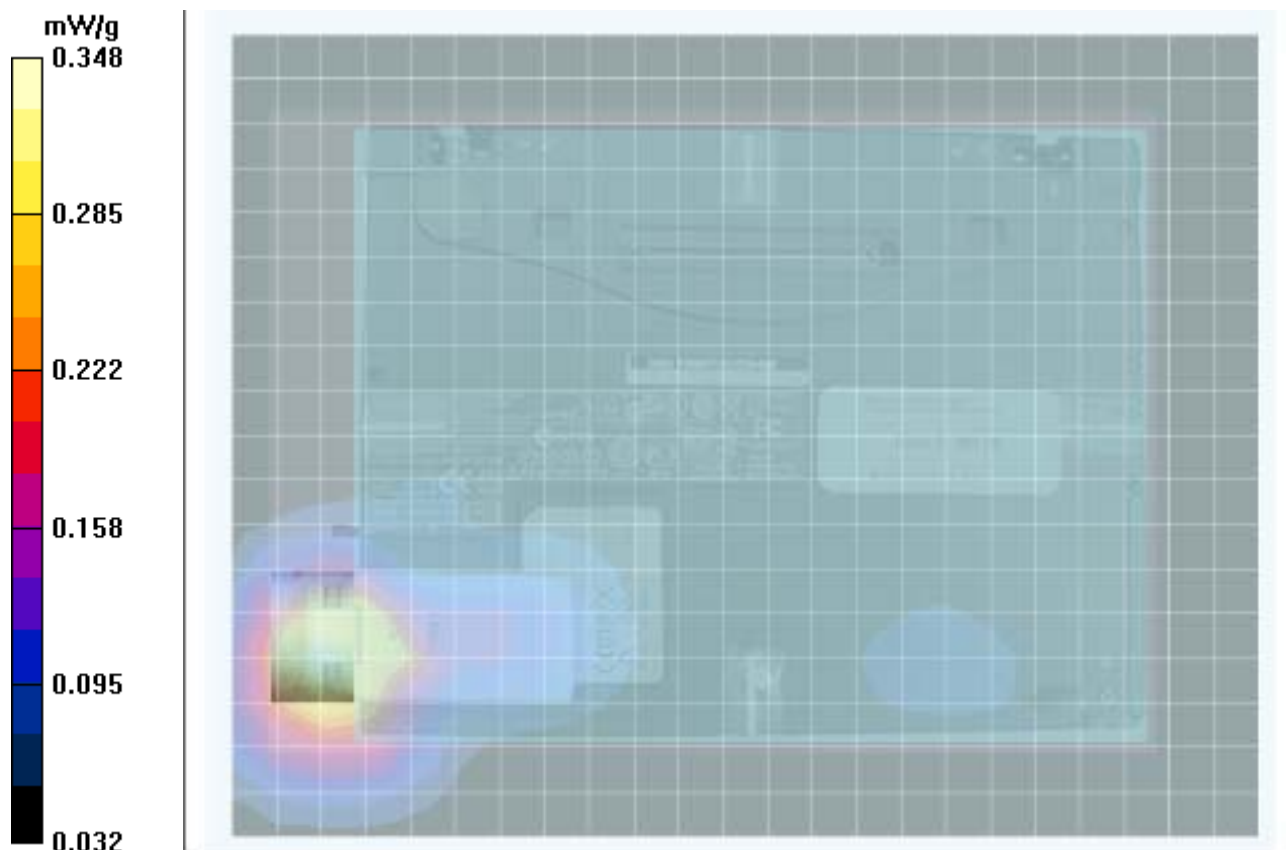
Body SAR - 836.6 MHz - Bottom of Compaq Armada Laptop PC facing planar phantom (13 mm External Battery Spacing)
(17.0 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host Laptop PC)
Mid Channel/Area Scan (19x25x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 836.6 MHz - Bottom of Compaq Armada Laptop PC facing planar phantom (13 mm External Battery Spacing)
(17.0 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host Laptop PC)
Mid Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = -0.0579 dB

Peak SAR (extrapolated) = 0.483 W/kg

SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.215 mW/g



Date Tested: 03/08/05

Body SAR (Lap-held) - Cellular GPRS Mode - DUT with HP iPAQ PDA - Compact Flash Slot - PDA Battery Power

DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

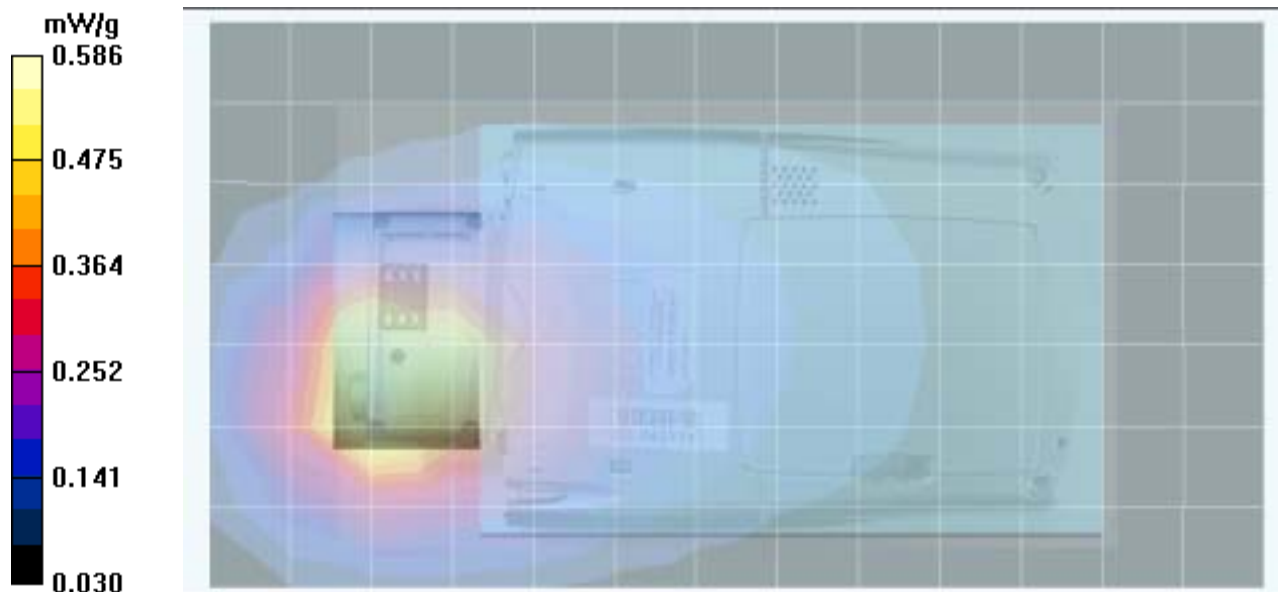
Ambient Temp: 23.6 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 102.8 kPa; Humidity: 30%

Power Source: Host PDA (Battery)
Communication System: Cellular GPRS
RF Output Power: 31.0 dBm (Conducted)
Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium: M835 ($\sigma = 0.99$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1590; ConvF(6.54, 6.54, 6.54); Calibrated: 24/05/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Body SAR - 836.6 MHz - Bottom of HP iPAQ PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

**Body SAR - 836.6 MHz - Bottom of HP iPAQ PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = 0.0228 dB
Peak SAR (extrapolated) = 0.907 W/kg
SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.328 mW/g



Date Tested: 03/08/05

Body SAR (Lap-held) - Cellular GPRS Mode - DUT with HP iPAQ PDA - Compact Flash Slot - DUT External Battery Power

DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

Ambient Temp: 23.6 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 102.8 kPa; Humidity: 30%

Power Source: 3.7V 1000mAh Li-ion Battery (External)

Communication System: Cellular GPRS

RF Output Power: 31.0 dBm (Conducted)

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: M835 ($\sigma = 0.99$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1590; ConvF(6.54, 6.54, 6.54); Calibrated: 24/05/2004

- Sensor-Surface: 4mm (Mechanical Surface Detection)

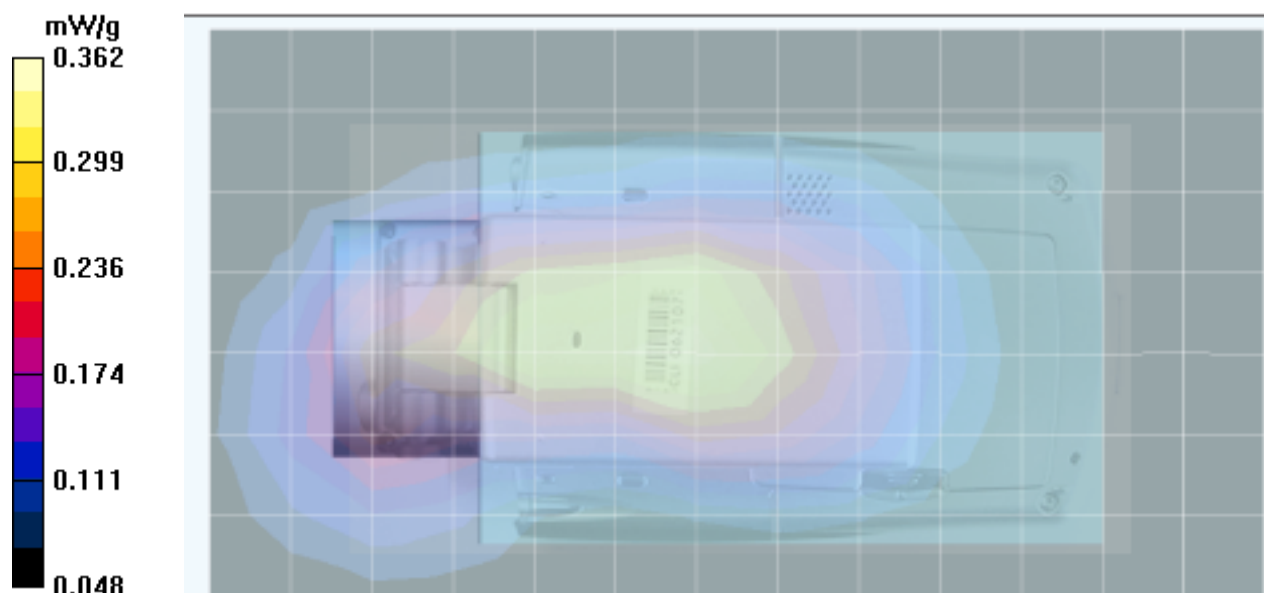
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005

- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01

- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Body SAR - 836.6 MHz - Bottom of HP iPAQ PDA facing planar phantom (16 mm External Battery & Pivot Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host PDA)
(External Battery Pivot Touching Planar Phantom) - Mid Channel
Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm**

**Body SAR - 836.6 MHz - Bottom of HP iPAQ PDA facing planar phantom (16 mm External Battery & Pivot Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host PDA)
(External Battery Pivot Touching Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.1 V/m; Power Drift = 0.096 dB
Peak SAR (extrapolated) = 0.431 W/kg
SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.249 mW/g**



Date Tested: 03/08/05

Body SAR (Lap-held) - Cellular GPRS Mode - DUT with Casio E-200 PDA - Compact Flash Slot - PDA Battery Power

DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

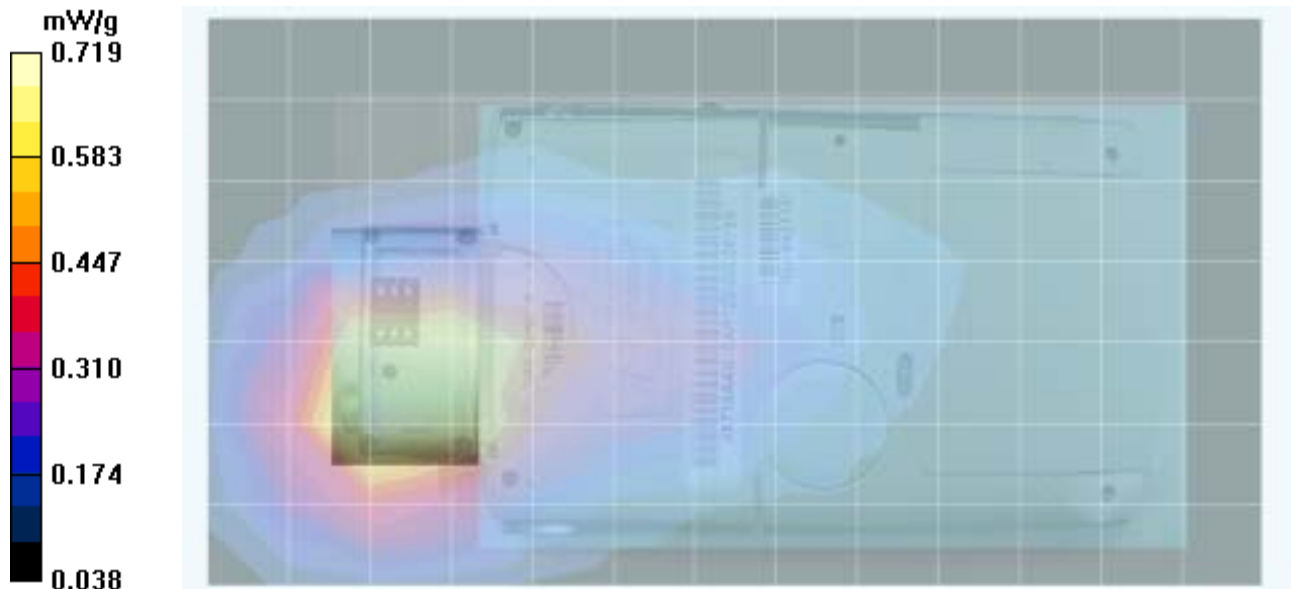
Ambient Temp: 23.6 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 102.8 kPa; Humidity: 30%

Power Source: Host PDA (Battery)
Communication System: Cellular GPRS
RF Output Power: 31.0 dBm (Conducted)
Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium: M835 ($\sigma = 0.99$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³)

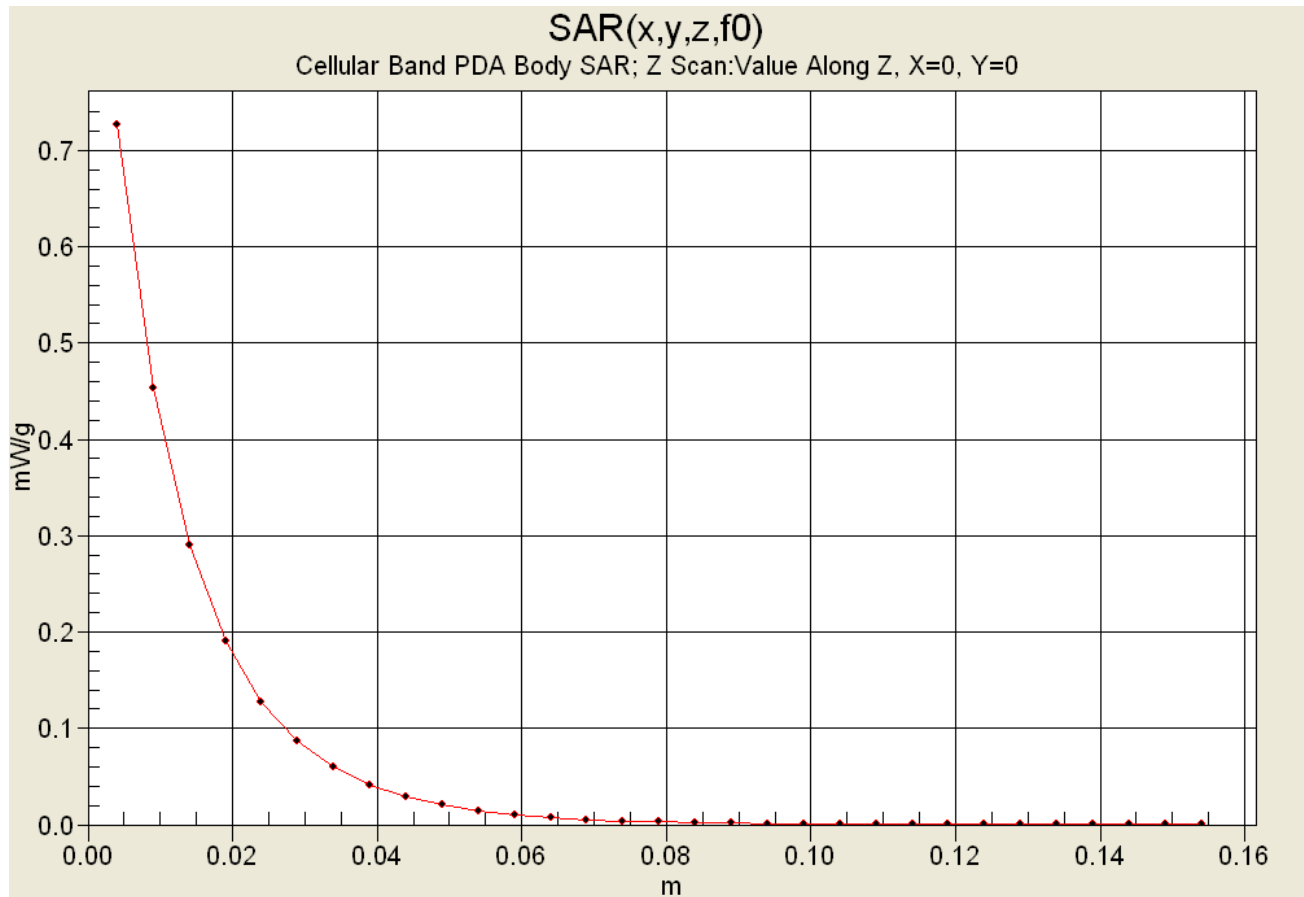
- Probe: ET3DV6 - SN1590; ConvF(6.54, 6.54, 6.54); Calibrated: 24/05/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Body SAR - 836.6 MHz - Bottom of Casio E-200 PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

**Body SAR - 836.6 MHz - Bottom of Casio E-200 PDA facing planar phantom (2 mm DUT Thickness Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.6 V/m; Power Drift = 0.244 dB
Peak SAR (extrapolated) = 1.1 W/kg
SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.413 mW/g



Z-Axis Scan



Date Tested: 03/08/05

Body SAR (Lap-held) - Cellular GPRS Mode - DUT with Casio E-200 PDA - Compact Flash Slot - DUT External Battery Power

DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

Ambient Temp: 23.6 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 102.8 kPa; Humidity: 30%

Power Source: 3.7V 1000mAh Li-ion Battery (External)

Communication System: Cellular GPRS

RF Output Power: 31.0 dBm (Conducted)

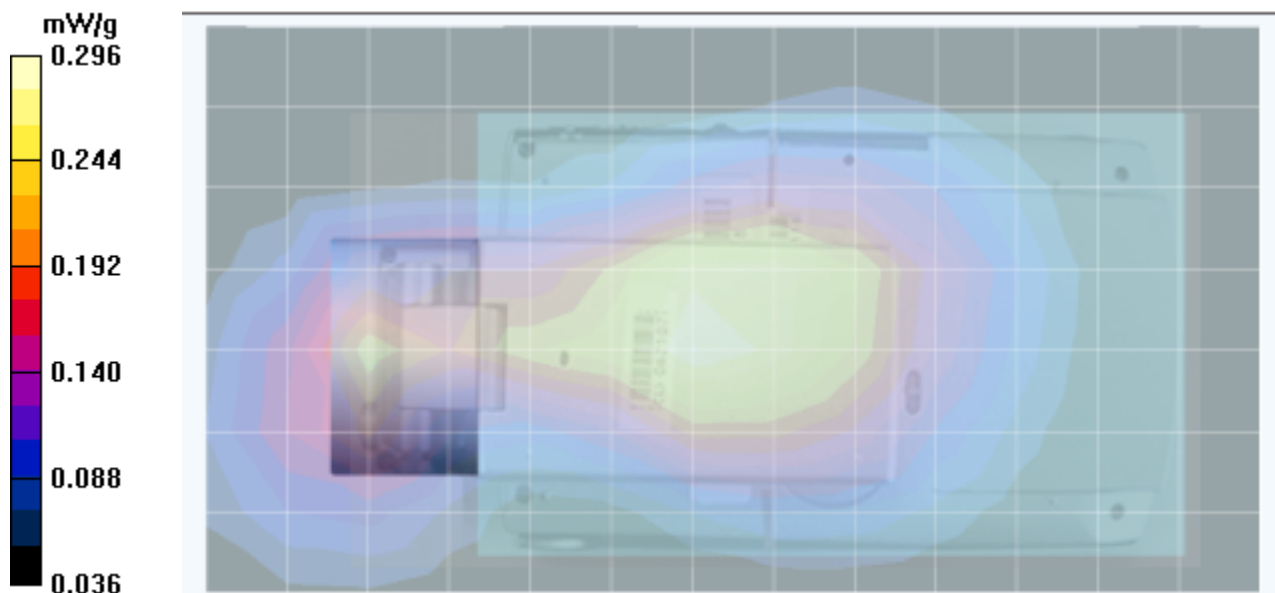
Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: M835 ($\sigma = 0.99$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1590; ConvF(6.54, 6.54, 6.54); Calibrated: 24/05/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

**Body SAR - 836.6 MHz - Bottom of Casio E-200 PDA facing planar phantom (16 mm External Battery & Pivot Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host PDA)
(External Battery Pivot Touching Planar Phantom) - Mid Channel
Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm**

**Body SAR - 836.6 MHz - Bottom of Casio E-200 PDA facing planar phantom (16 mm External Battery & Pivot Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host PDA)
(External Battery Pivot Touching Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.4 V/m; Power Drift = 0.133 dB
Peak SAR (extrapolated) = 0.362 W/kg
SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.202 mW/g**



Date Tested: 03/08/05

Body SAR (Lap-held) - Cellular GPRS Mode - DUT with Casio E-125 PDA - Compact Flash Slot - PDA Battery Power

DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

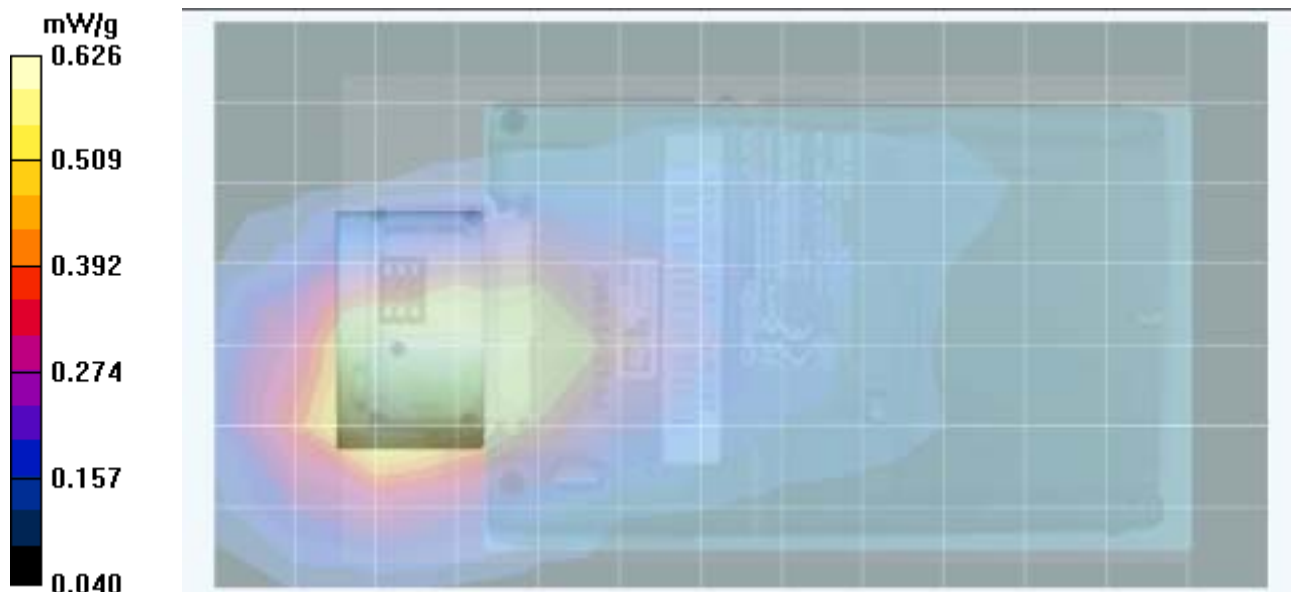
Ambient Temp: 23.6 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 102.8 kPa; Humidity: 30%

Power Source: Host PDA (Battery)
Communication System: Cellular GPRS
RF Output Power: 31.0 dBm (Conducted)
Frequency: 836.6 MHz; Duty Cycle: 1:8.3
Medium: M835 ($\sigma = 0.99$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³)

- Probe: ET3DV6 - SN1590; ConvF(6.54, 6.54, 6.54); Calibrated: 24/05/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn370; Calibrated: 25/01/2005
- Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body SAR - 836.6 MHz - Bottom of Casio E-125 PDA Touching Planar Phantom
(2 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 836.6 MHz - Bottom of Casio E-125 PDA Touching Planar Phantom
(2 mm Separation Distance from Bottom of DUT to Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = 0.00189 dB
Peak SAR (extrapolated) = 0.917 W/kg
SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.380 mW/g



Date Tested: 03/08/05

Body SAR (Lap-held) - Cellular GPRS Mode - DUT with Casio E-125 PDA - Compact Flash Slot - DUT External Battery Power
DUT: Enfora GSM0110; Type: Dual-Band GSM GPRS Compact Flash Card; Serial: 0110430410292

Ambient Temp: 23.6 °C; Fluid Temp: 22.5 °C; Barometric Pressure: 102.8 kPa; Humidity: 30%

Power Source: 3.7V 1000mAh Li-ion Battery (External)
 Communication System: Cellular GPRS
 RF Output Power: 31.0 dBm (Conducted)
 Frequency: 836.6 MHz; Duty Cycle: 1:8.3
 Medium: M835 ($\sigma = 0.99$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³)
 - Probe: ET3DV6 - SN1590; ConvF(6.54, 6.54, 6.54); Calibrated: 24/05/2004
 - Sensor-Surface: 4mm (Mechanical Surface Detection)
 - Electronics: DAE3 Sn370; Calibrated: 25/01/2005
 - Phantom: Barski Industries; Type: Fiberglass Planar; Serial: 03-01
 - Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Body SAR - 836.6 MHz - Bottom of Casio E-125 PDA facing planar phantom (13 mm External Battery & Pivot Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host PDA)
(External Battery Pivot Touching Planar Phantom) - Mid Channel
Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Body SAR - 836.6 MHz - Bottom of Casio E-125 PDA facing planar phantom (13 mm External Battery & Pivot Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host PDA)
(External Battery Pivot Touching Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 15.7 V/m; Power Drift = -0.0334 dB
 Peak SAR (extrapolated) = 0.282 W/kg
SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.160 mW/g

Body SAR - 836.6 MHz - Bottom of Casio E-125 PDA facing planar phantom (13 mm External Battery & Pivot Spacing)
(15 mm Separation Distance from Bottom of DUT to Planar Phantom) - (External Battery Folded Underneath Host PDA)
(External Battery Pivot Touching Planar Phantom) - Mid Channel
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 15.7 V/m; Power Drift = -0.0334 dB
 Peak SAR (extrapolated) = 0.387 W/kg
SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.139 mW/g

