

Test Laboratory: Compliance Certification Services Inc.

D1800V2 SN-3

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 2d057

Communication System: CW1800; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 39.3$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.1 deg C; Liquid Temperature: 24.1 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.9, 4.9, 4.9); 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, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 91.1 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 8.68 mW/g

Pin=250mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 91.1 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 10 mW/g

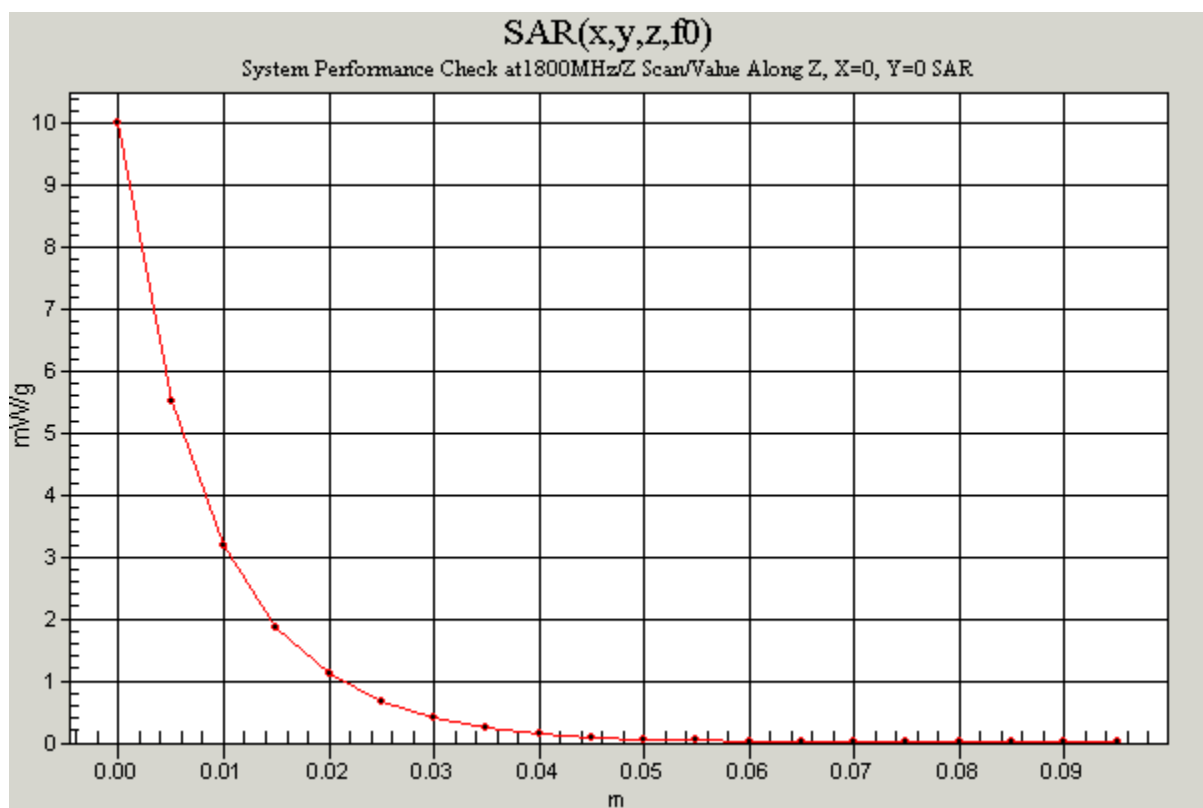
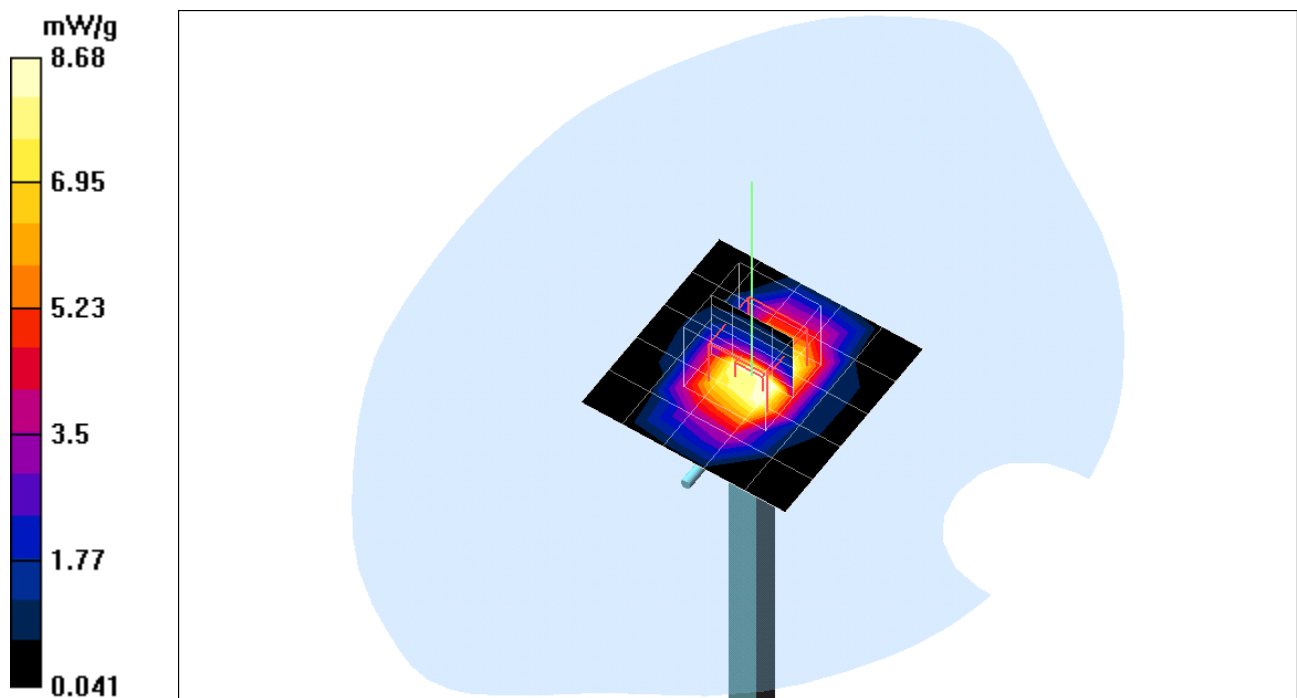
Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 91.1 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 12.3 mW/g

Peak SAR (extrapolated) = 17.5 W/kg

SAR(1 g) = 9.82 mW/g; SAR(10 g) = 5.16 mW/g



Test Laboratory: Compliance Certification Services Inc.

D1800V2 SN-3

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 2d057

Communication System: CW1800; Frequency: 1800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1800$ MHz; $\sigma = 1.36$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Air Temperature: 24.3 deg C; Liquid Temperature: 23.2 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.9, 4.9, 4.9); Calibrated: 9/23/2003
- Sensor-Surface: 3mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 91.2 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 8.67 mW/g

Pin=250mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 91.2 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 10.6 mW/g

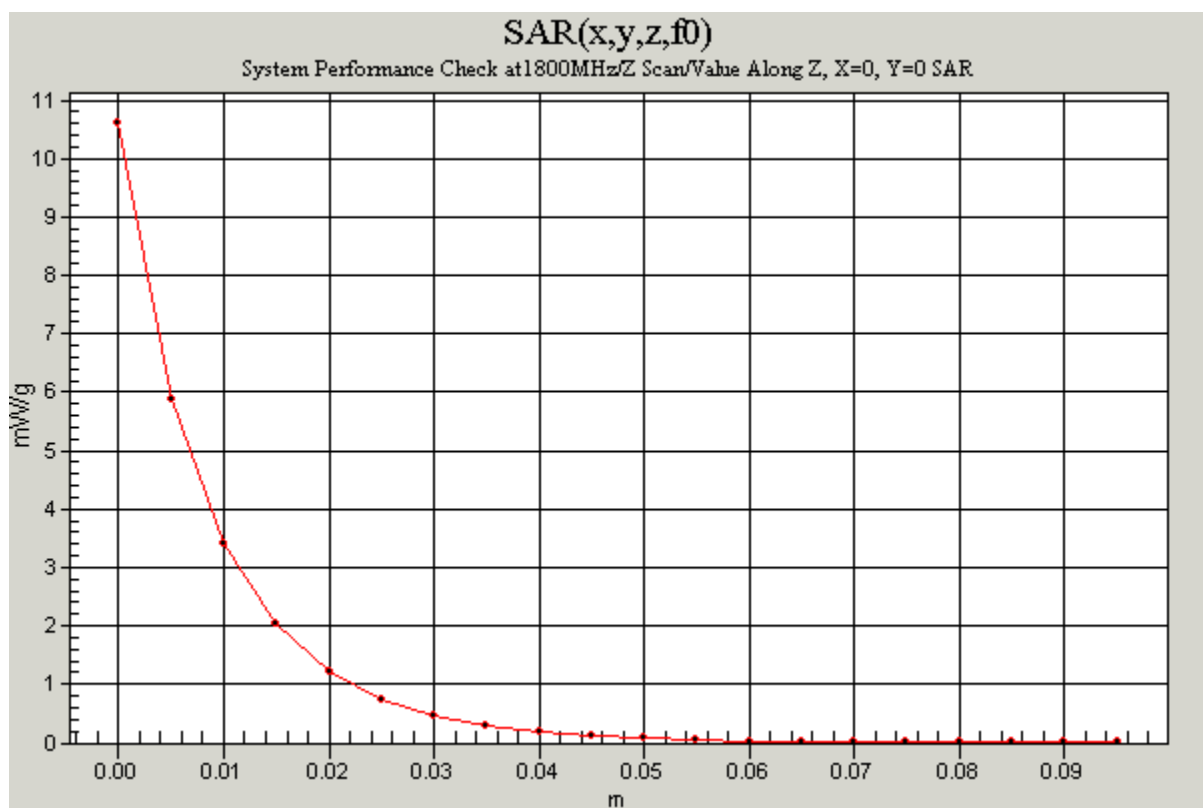
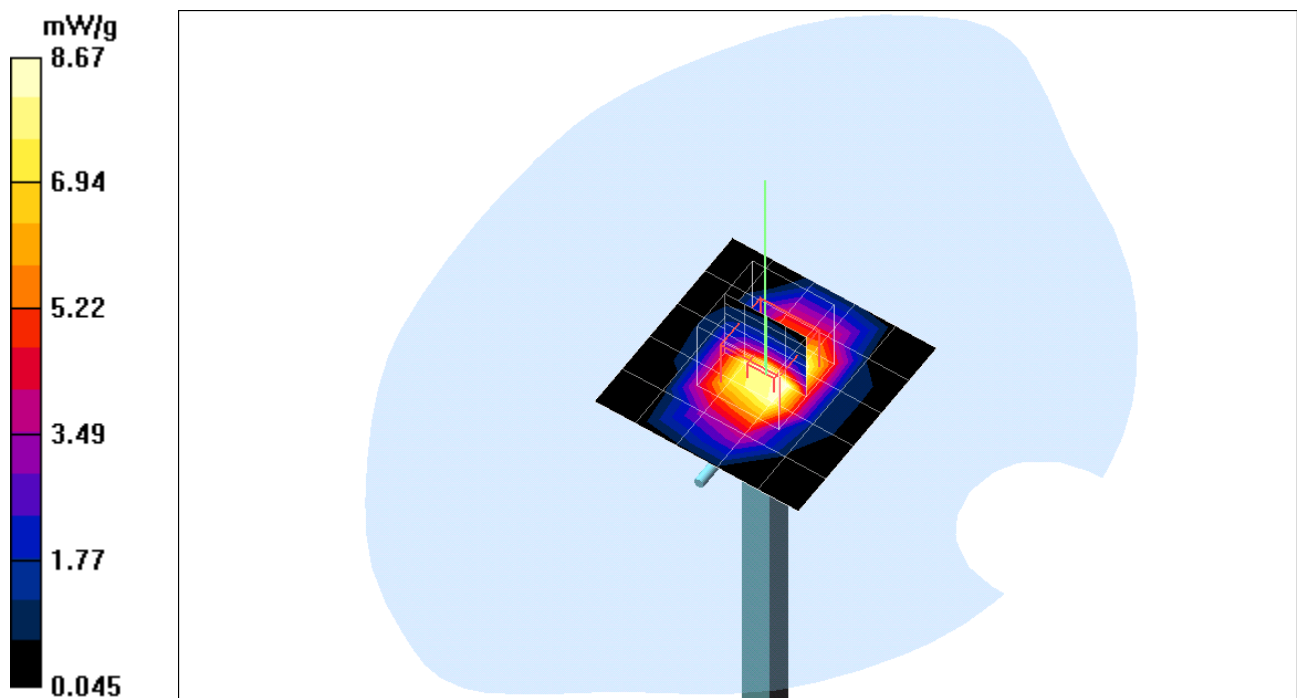
Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 91.2 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 12.2 mW/g

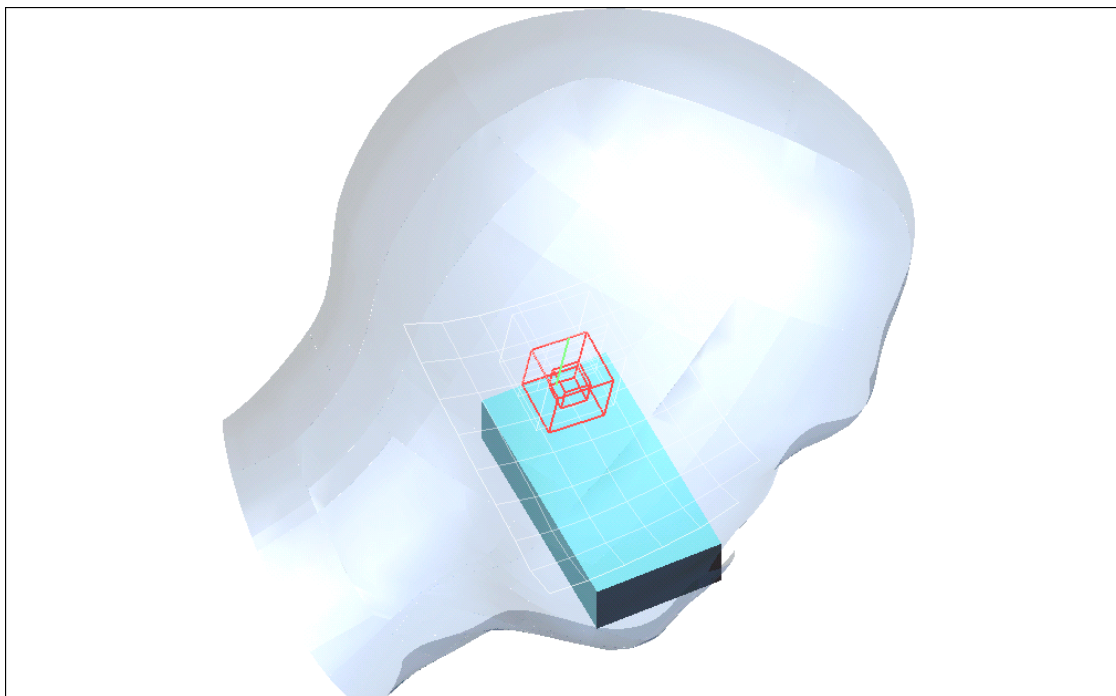
Peak SAR (extrapolated) = 17 W/kg

SAR(1 g) = 9.71 mW/g; SAR(10 g) = 5.15 mW/g



Test Laboratory: The name of your organization

Left-Head



Test Laboratory: The name of your organization

gsm1900-LEFT

DUT: GSM 900/1800/1900 + GPRS Handset; Type: EB- X300,RA1; Serial: 35360800950004/0

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.1 deg C; Liquid Temperature: 24.1 deg C

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.9, 4.9, 4.9); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

touch 512/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 11.3 V/m; Power Drift = -1.0 dB

Maximum value of SAR (measured) = 0.166 mW/g

touch 512/Z Scan (1x1x21): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.3 V/m; Power Drift = -1.0 dB

Maximum value of SAR (measured) = 0.146 mW/g

touch 512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.3 V/m; Power Drift = -1.0 dB

Maximum value of SAR (measured) = 0.192 mW/g

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = **0.174 mW/g**; SAR(10 g) = **0.095 mW/g**

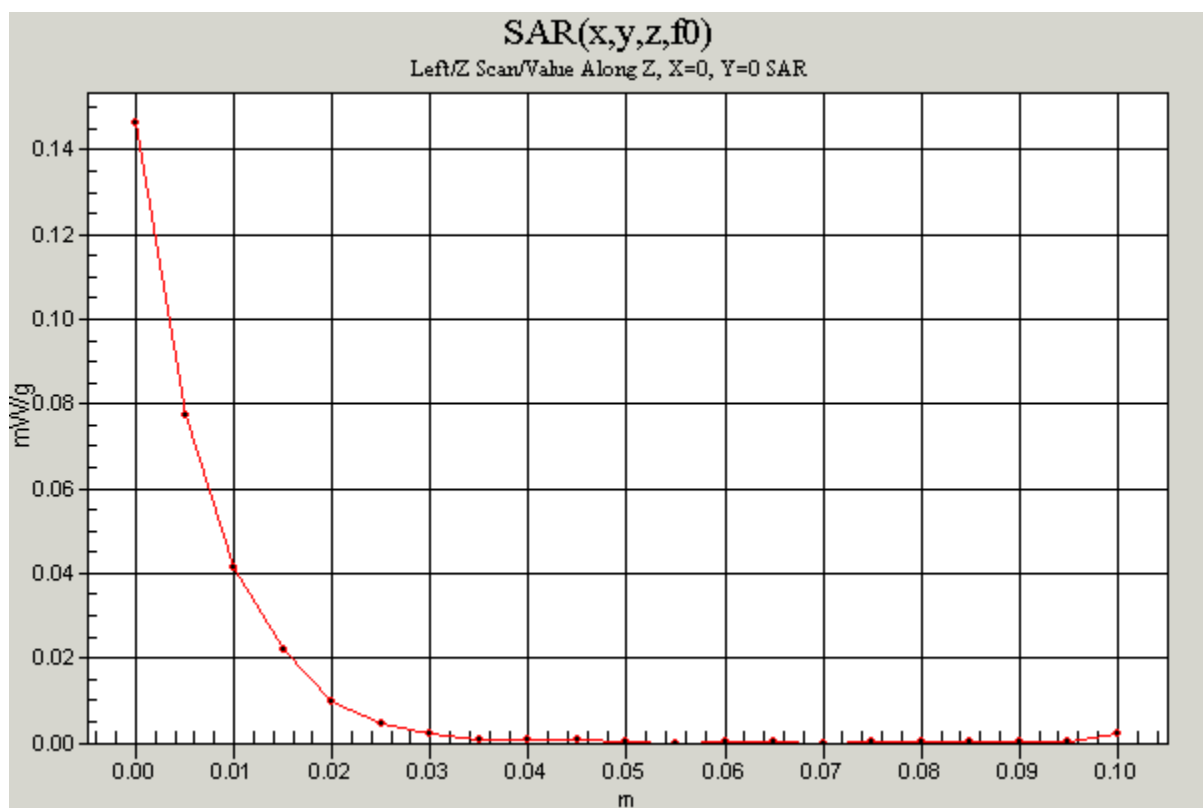
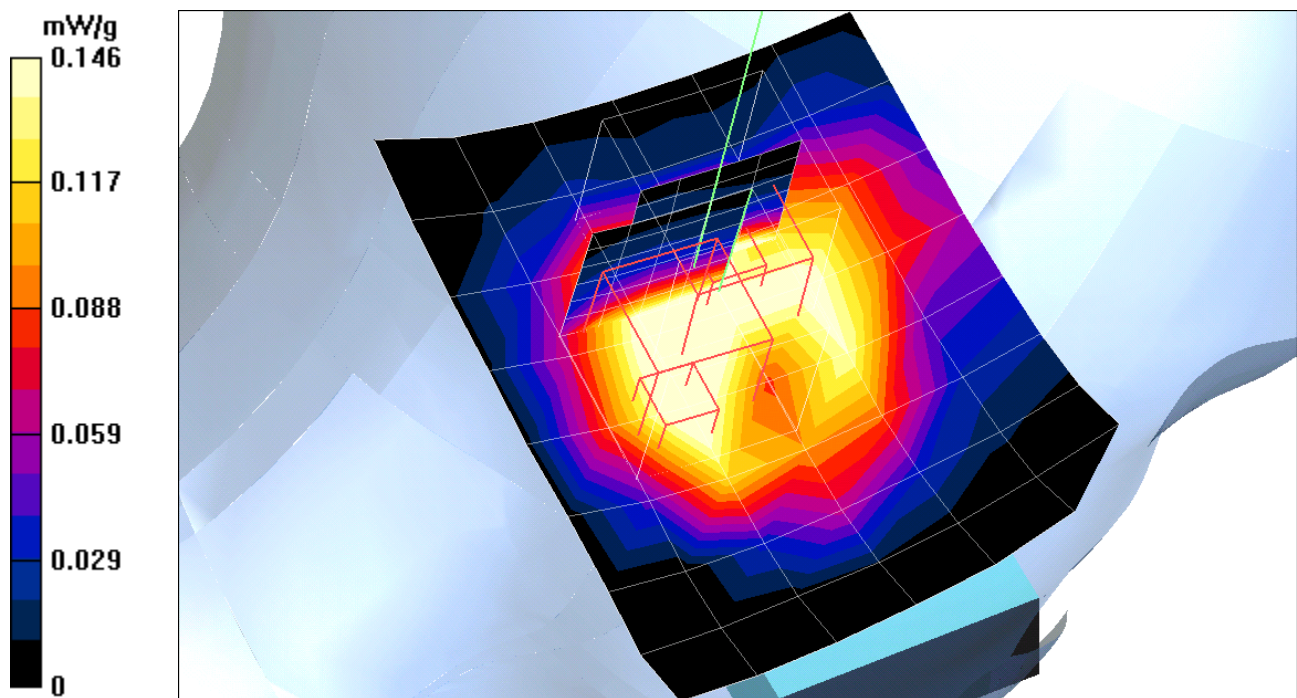
touch 512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.3 V/m; Power Drift = -1.0 dB

Maximum value of SAR (measured) = 0.178 mW/g

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = **0.144 mW/g**; SAR(10 g) = **0.086 mW/g**



Test Laboratory: The name of your organization

gsm1900-LEFT

DUT: GSM 900/1800/1900 + GPRS Handset; Type:EB- X300,RA1; Serial: 35360800950004/0

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Air Temperature: 25.1 deg C; Liquid Temperature: 24.1 deg C

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.9, 4.9, 4.9); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

touch 661/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 11.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.295 mW/g

touch 661/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.268 mW/g

touch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.324 mW/g

Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.164 mW/g

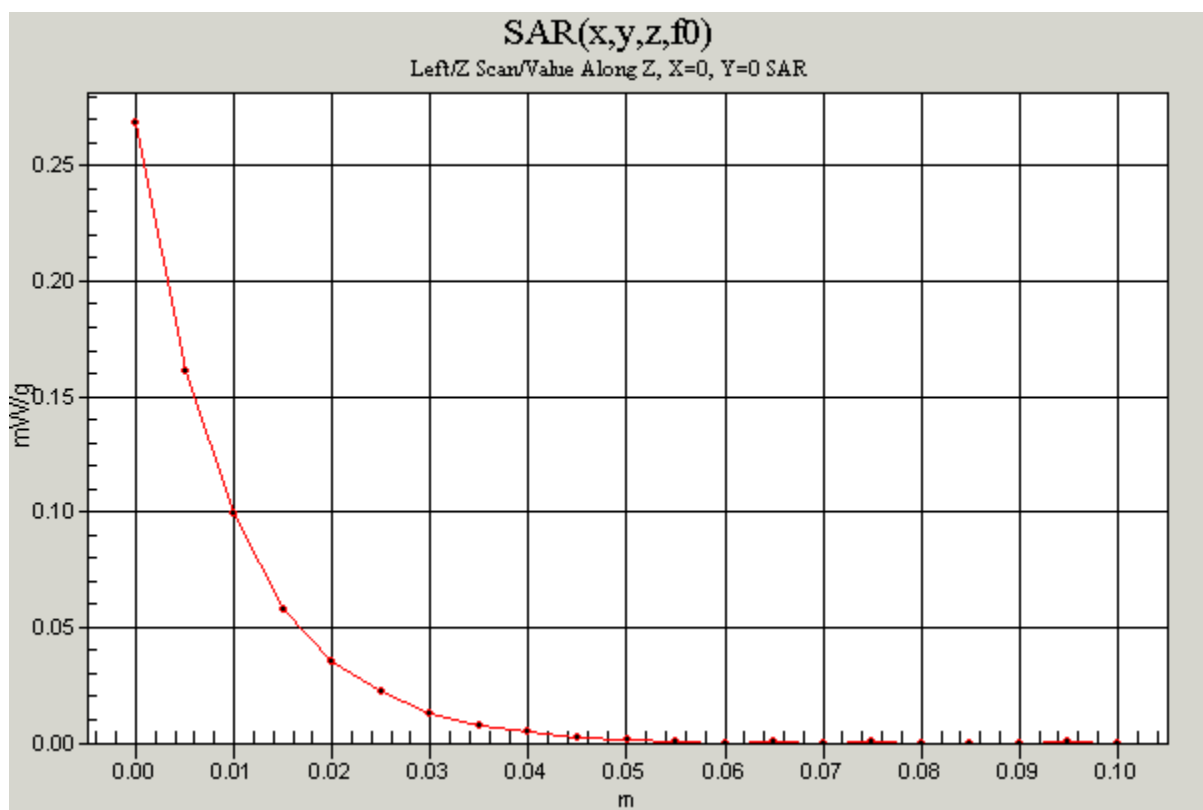
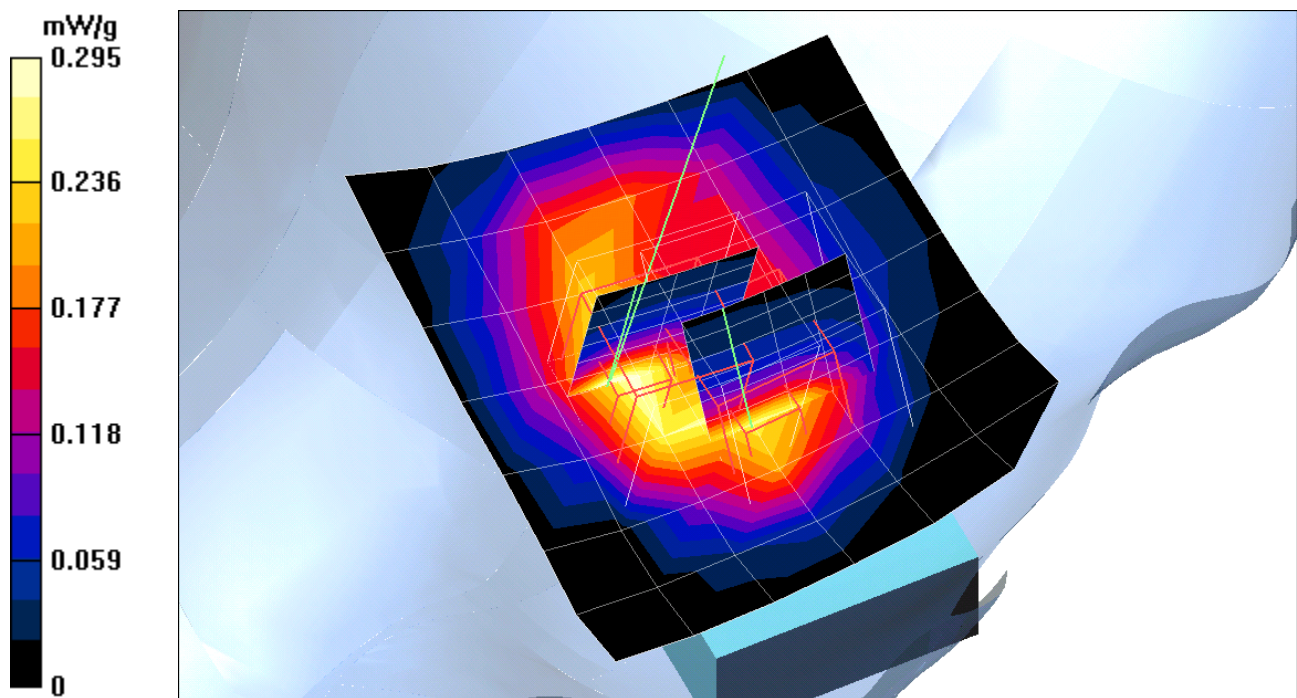
touch 661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.285 mW/g

Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.149 mW/g



Test Laboratory: The name of your organization

gsm1900-LEFT

DUT: GSM 900/1800/1900 + GPRS Handset; Type: EB- X300,RA1; Serial: 35360800950004/0

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.1 deg C; Liquid Temperature: 24.1 deg C

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.9, 4.9, 4.9); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

touch 810/Area Scan (7x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 10.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.252 mW/g

touch 810/Z Scan (1x1x21): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.6 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.215 mW/g

touch 810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.261 mW/g

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.126 mW/g

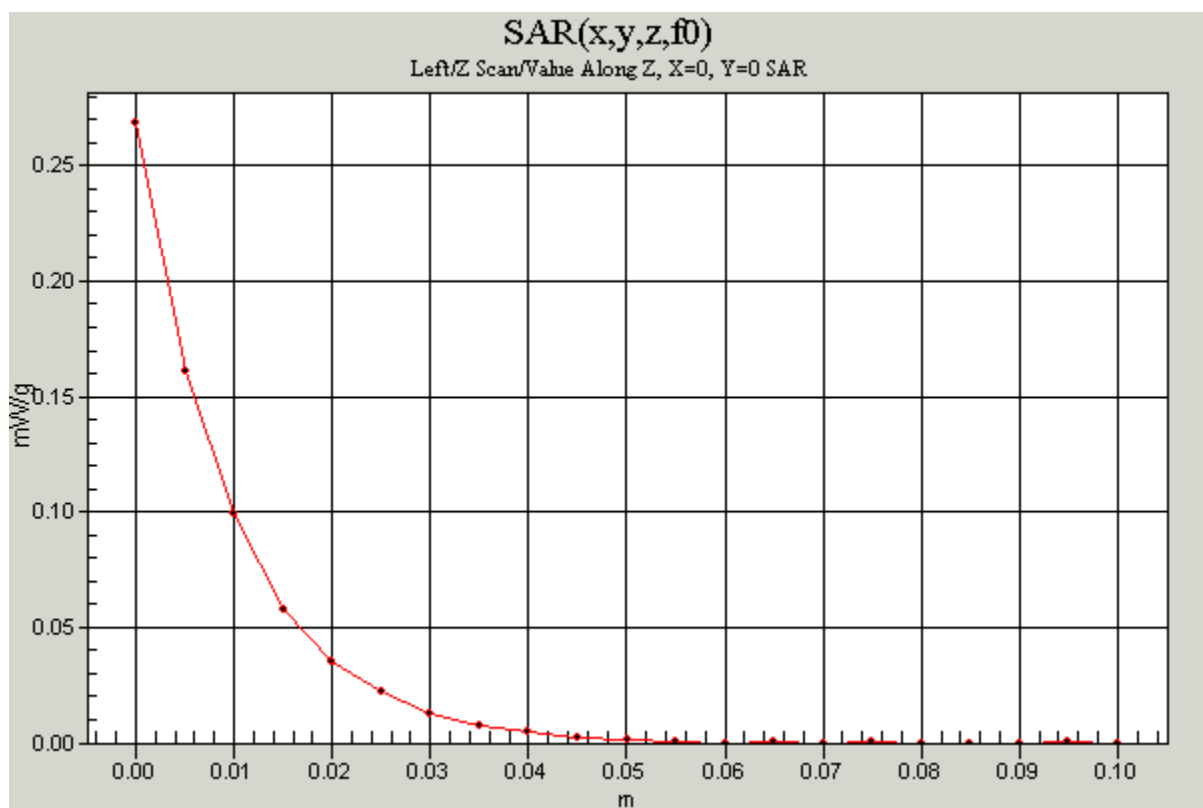
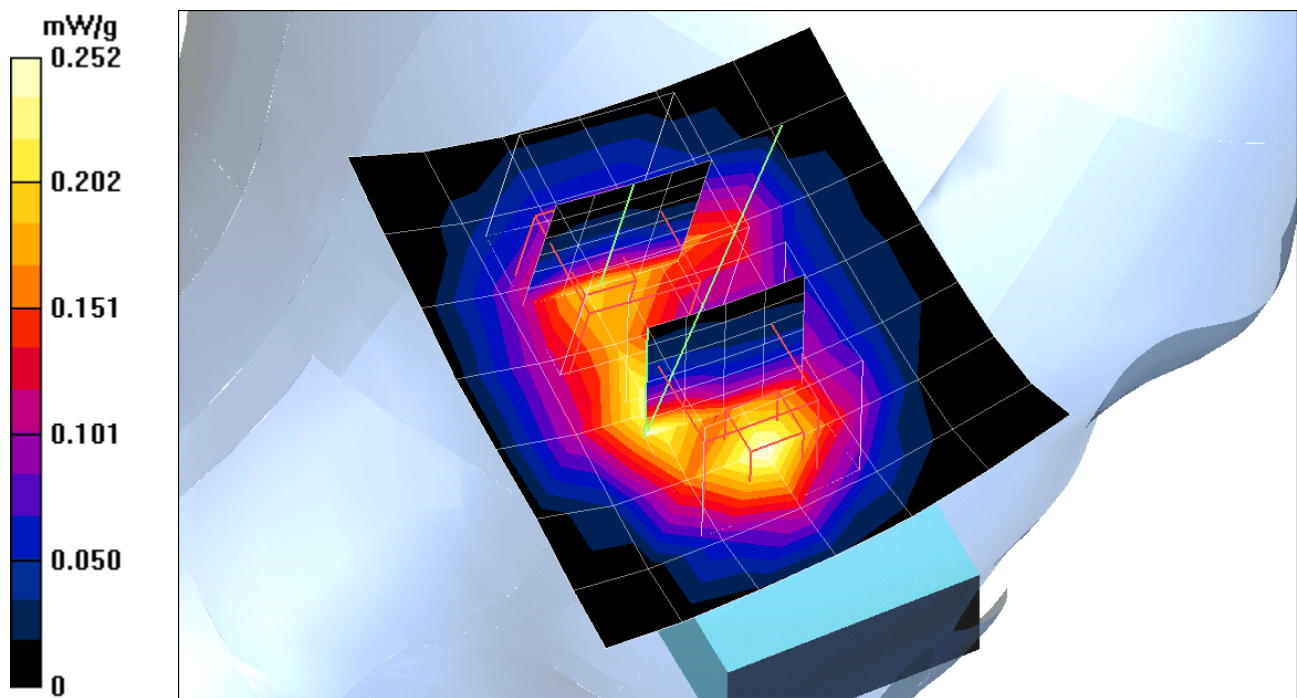
touch 810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.203 mW/g

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.105 mW/g



Test Laboratory: The name of your organization

gsm1900-LEFT

DUT: GSM 900/1800/1900 + GPRS Handset; Type: EB- X300,RA1; Serial: 35360800950004/0

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.1 deg C; Liquid Temperature: 24.1 deg C

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.9, 4.9, 4.9); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

tilte 512/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 14.3 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.283 mW/g

tilte 512/Z Scan (1x1x21): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.3 V/m; Power Drift = -0.004 dB

Maximum value of SAR (measured) = 0.259 mW/g

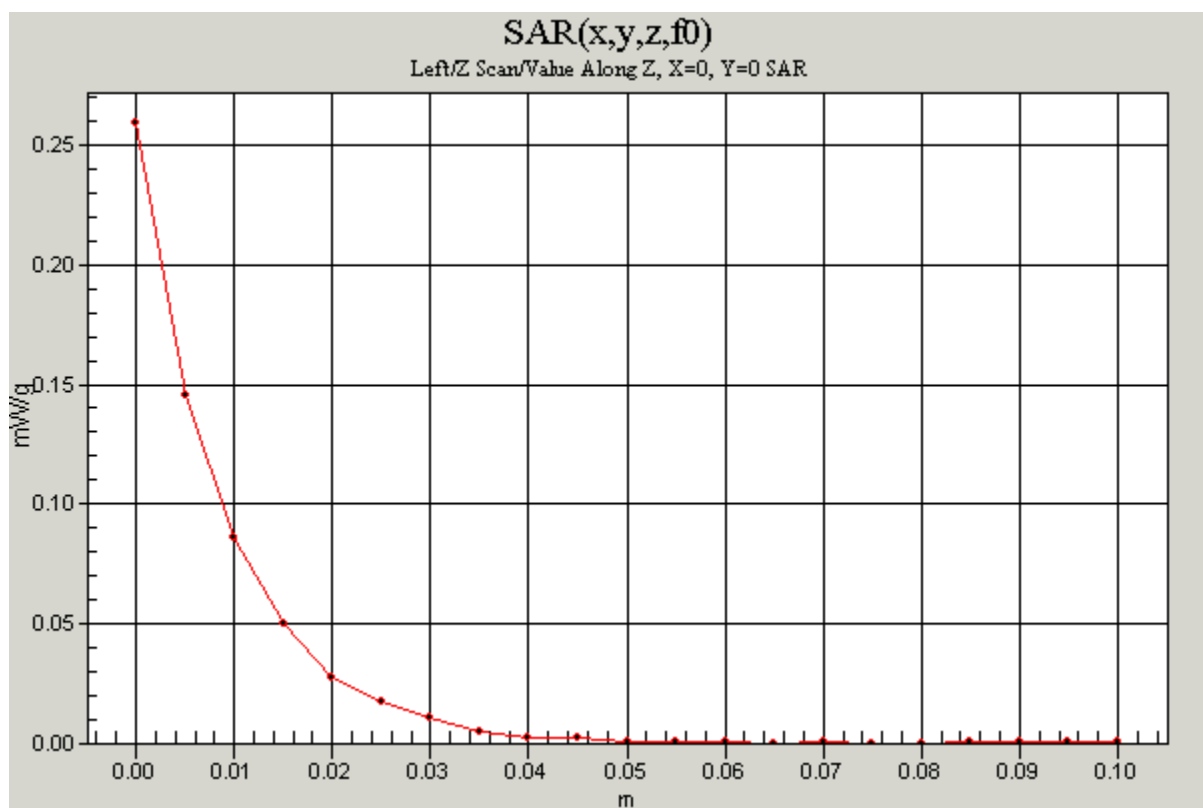
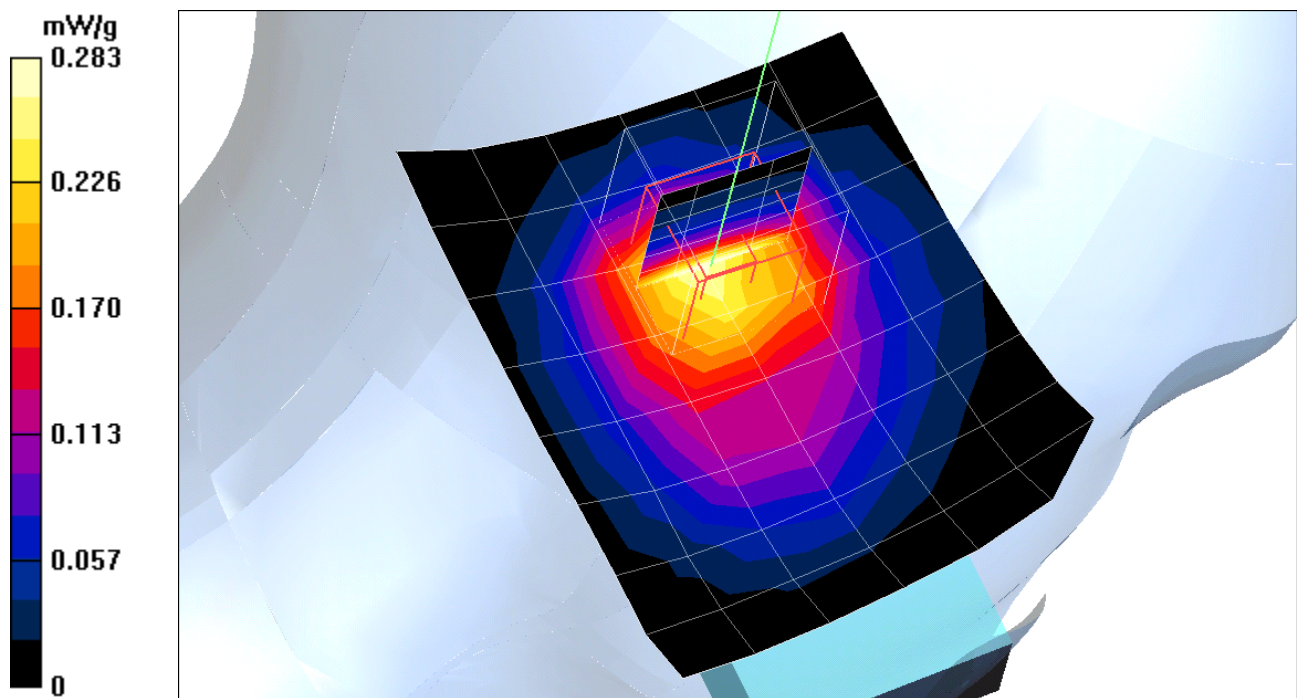
tilte 512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.3 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.316 mW/g

Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.160 mW/g



Test Laboratory: The name of your organization

gsm1900-LEFT

DUT: GSM 900/1800/1900 + GPRS Handset; Type: EB- X300,RA1; Serial: 35360800950004/0

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Air Temperature: 25.1 deg C; Liquid Temperature: 24.1 deg C

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.9, 4.9, 4.9); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

tilte 661/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 12.8 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.215 mW/g

tilte 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.248 mW/g

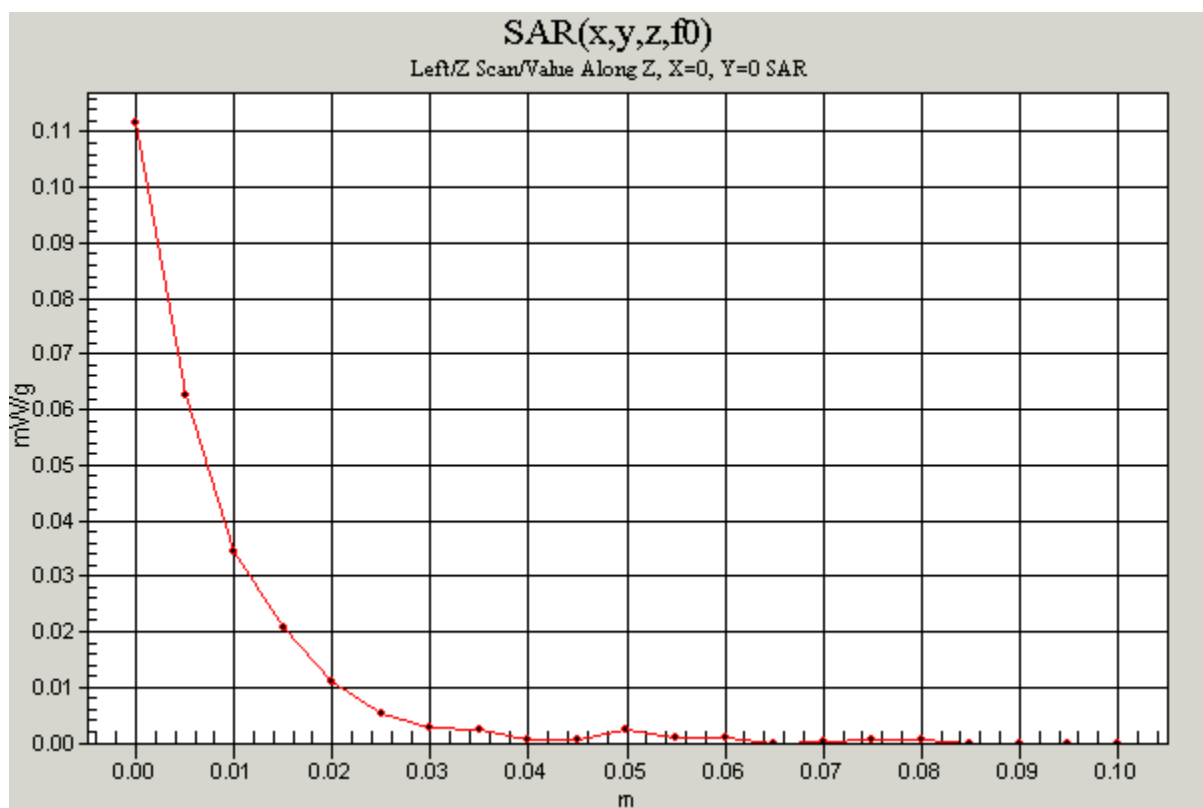
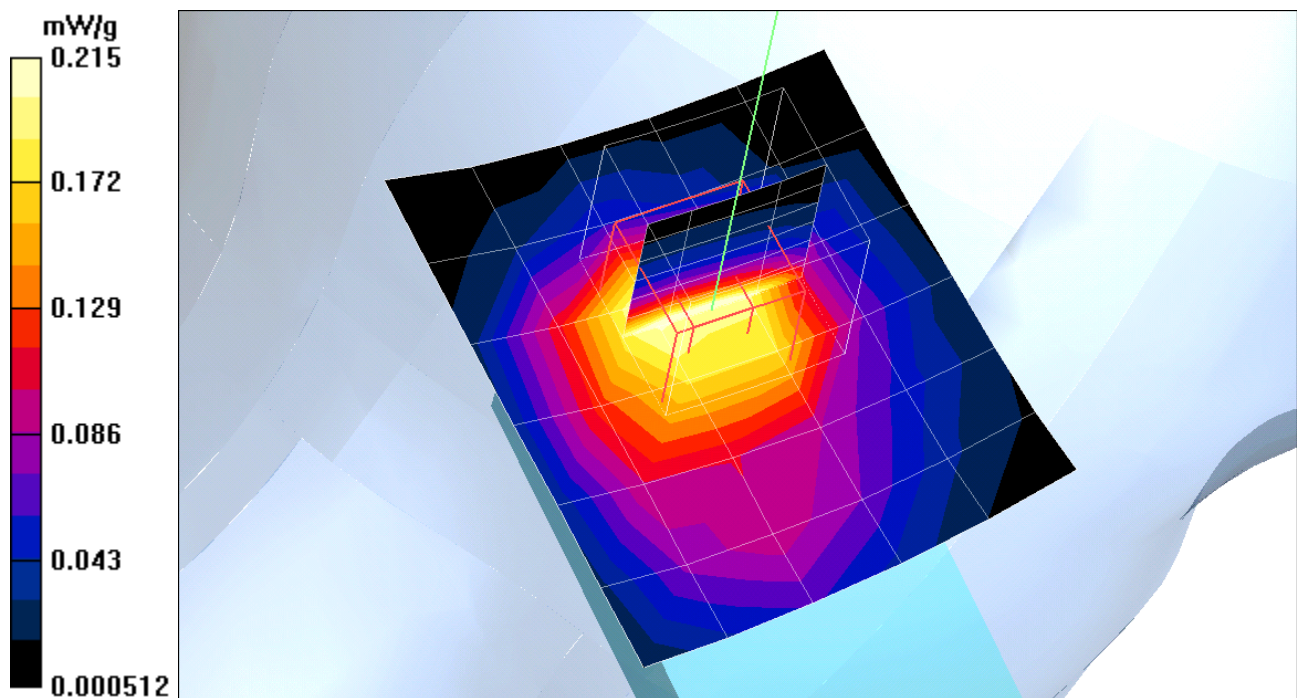
Peak SAR (extrapolated) = 0.403 W/kg

SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.127 mW/g

tilte 661/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.112 mW/g



Test Laboratory: The name of your organization

gsm1900-LEFT

DUT: GSM 900/1800/1900 + GPRS Handset; Type: EB- X300,RA1; Serial: 35360800950004/0

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.1 deg C; Liquid Temperature: 24.1 deg C

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.9, 4.9, 4.9); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

tilte 810/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 11.5 V/m; Power Drift = -0.007 dB

Maximum value of SAR (measured) = 0.193 mW/g

tilte 810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.5 V/m; Power Drift = -0.007 dB

Maximum value of SAR (measured) = 0.204 mW/g

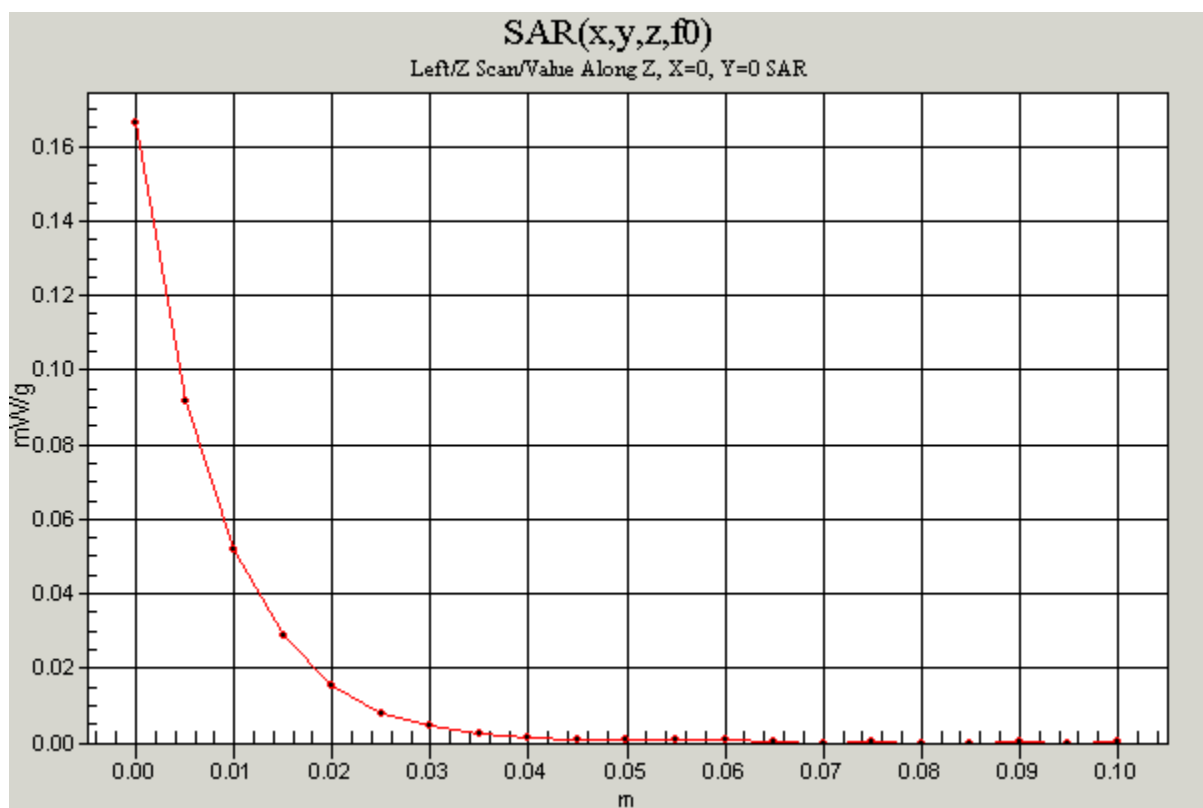
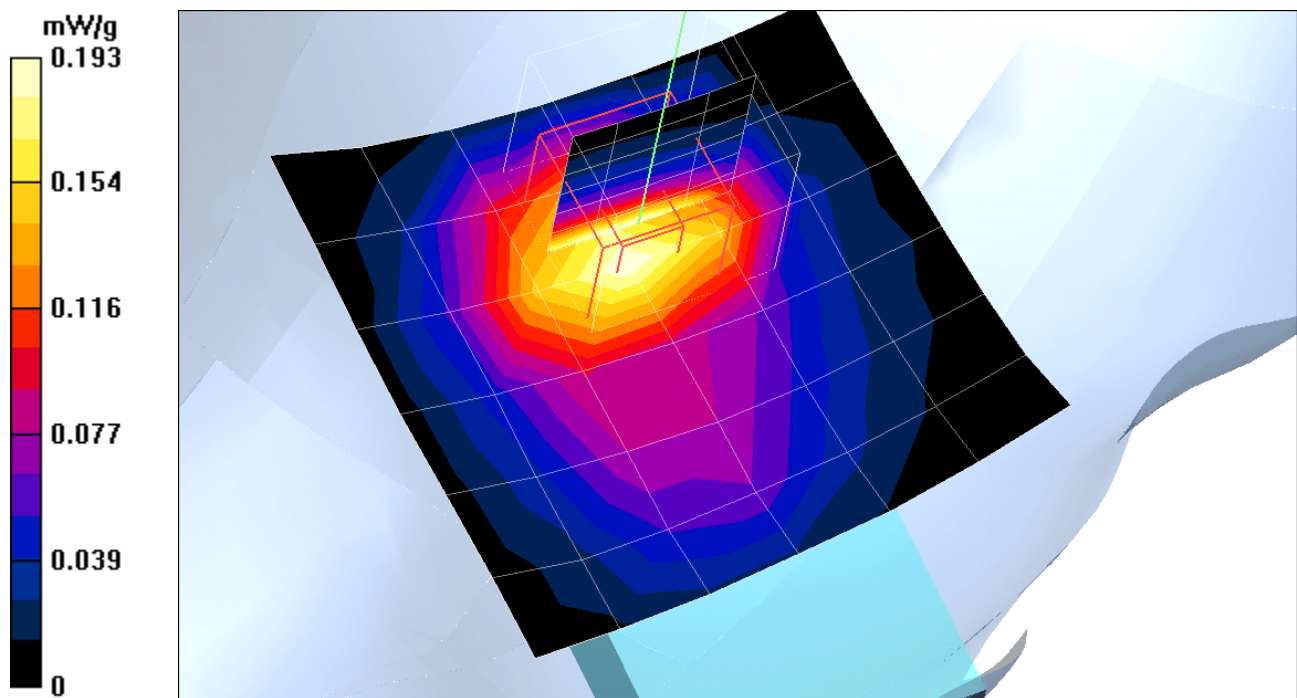
Peak SAR (extrapolated) = 0.333 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.105 mW/g

tilte 810/Z Scan (1x1x21): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=5\text{mm}$

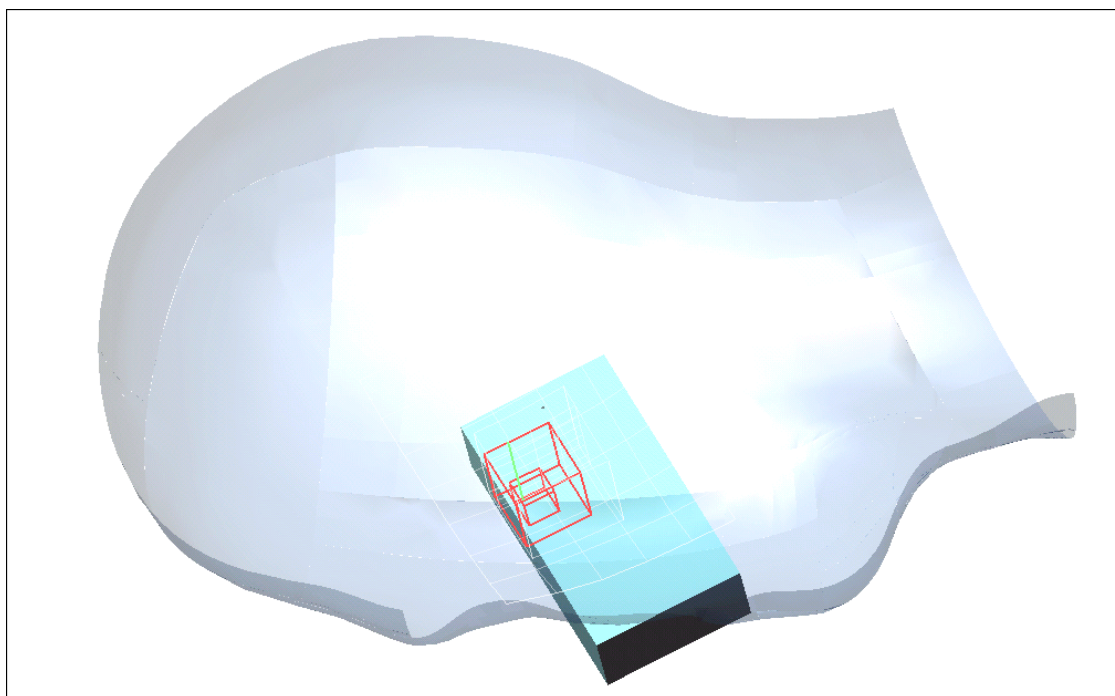
Reference Value = 11.5 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 0.166 mW/g



Test Laboratory: Compliance Certification Services Inc.

Right-Head



Test Laboratory: Compliance Certification Services Inc.

gsm1900-right

DUT: GSM 900/1800/1900 + GPRS Handset; Type: EB- X300,RA1; Serial: 35360800950004/0

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.1 deg C; Liquid Temperature: 24.1 deg C

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.9, 4.9, 4.9); Calibrated: 9/23/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1271
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

low/Area Scan (6x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 12.8 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.351 mW/g

low/Z Scan (1x1x21): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.8 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.334 mW/g

low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.8 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.384 mW/g

Peak SAR (extrapolated) = 0.621 W/kg

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.185 mW/g

low/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.8 V/m; Power Drift = -0.2 dB

Maximum value of SAR (measured) = 0.332 mW/g

Peak SAR (extrapolated) = 0.500 W/kg

SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.163 mW/g

