

Appendix B

Measurement Plots

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid.1900 h_250mW_18.11.2003.da4](#)

Dipol Valid.1900 h_250mW_18.11.2003

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d025

Program: Dipol Valid 1900

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz ($\sigma = 1.41529$ mho/m, $\epsilon_r = 39.8679$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Dipol 1900 (250mW)/Area Scan (81x81x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 96.4 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 11.9 mW/g

Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

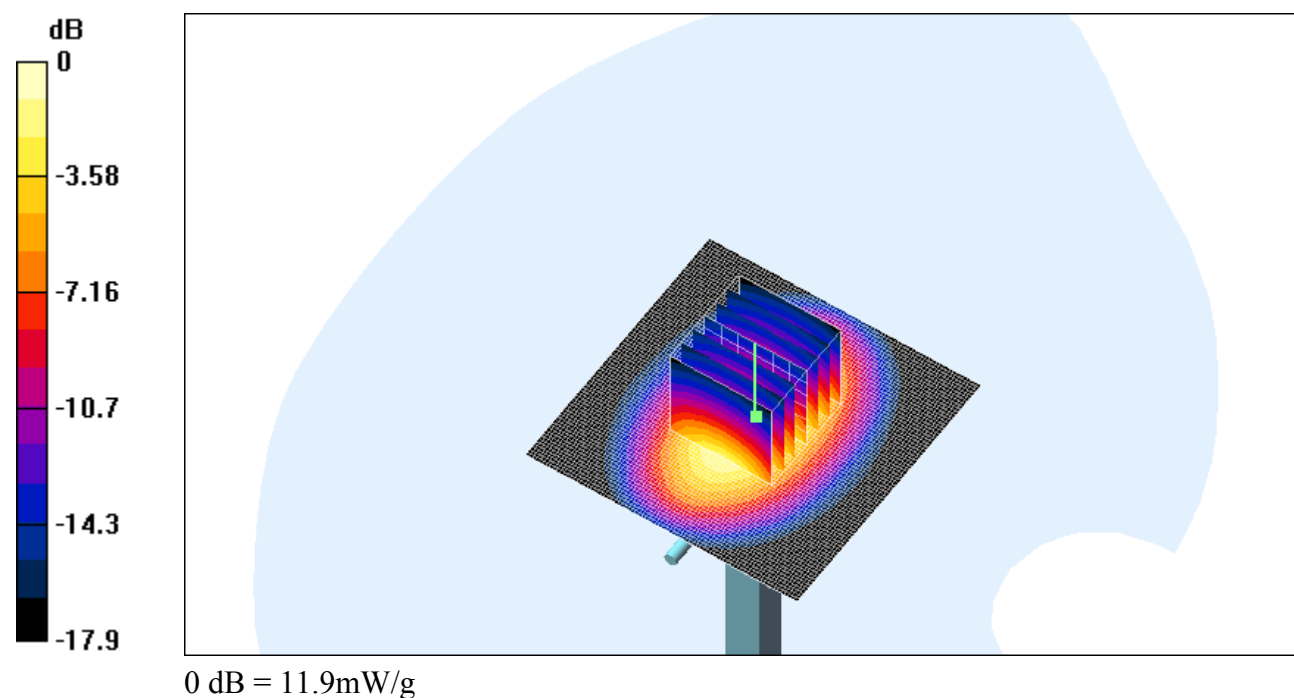
Peak SAR (extrapolated) = 19.1 W/kg

SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.4 mW/g

Reference Value = 96.4 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 11.9 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid.1900 h_250mW_19.11.2003.da4](#)

Dipol Valid.1900 h_250mW_19.11.2003

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d025

Program: Dipol Valid 1900

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz ($\sigma = 1.41529$ mho/m, $\epsilon_r = 39.8679$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Dipol 1900 (250mW)/Area Scan (81x81x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 96.5 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 11.6 mW/g

Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

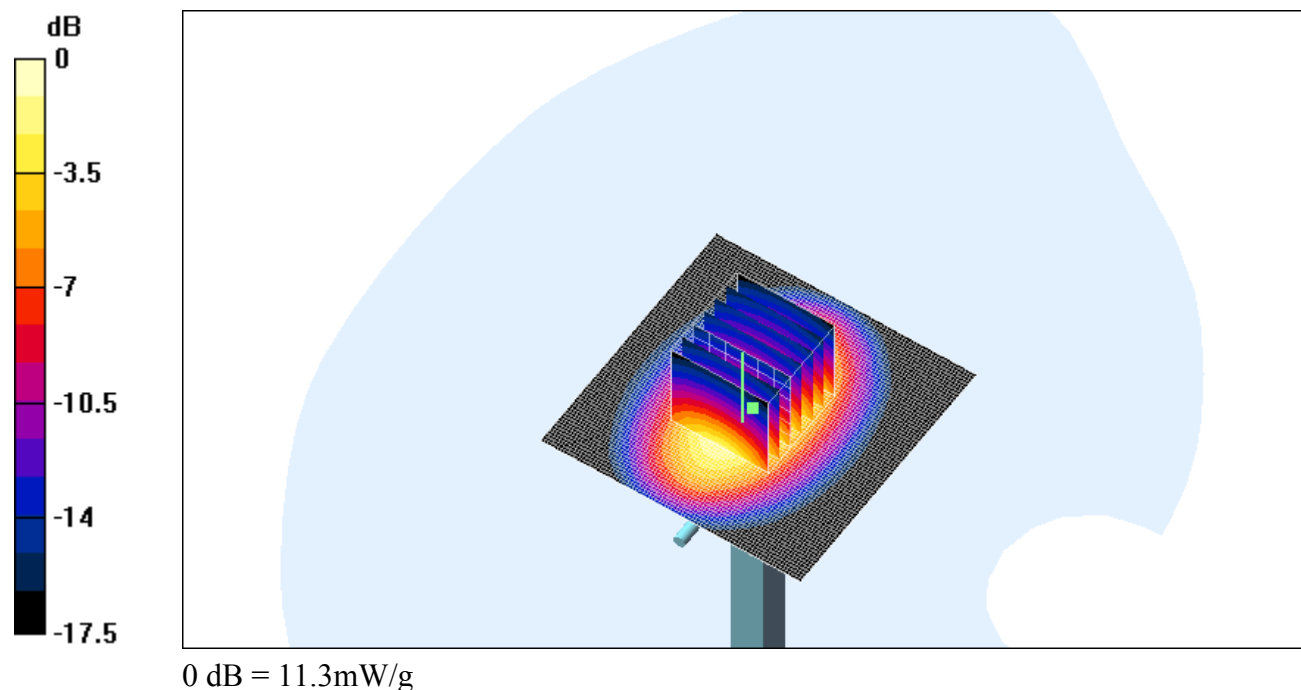
Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.25 mW/g

Reference Value = 96.5 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 11.3 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid. 900 \(m\) 250mW_25.11.2003.da4](#)

Dipol Valid. 900 (m) 250mW_25.11.2003

DUT: Dipole 900 MHz; Type: D900V2; Serial: 164

Program: Dipol Valid. 900 Muscle

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: Muscle 900 MHz ($\sigma = 1.03749$ mho/m, $\epsilon_r = 54.4094$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.2, 6.2, 6.2); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

_(250 mW)/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 55.1 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 2.84 mW/g

_(250 mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

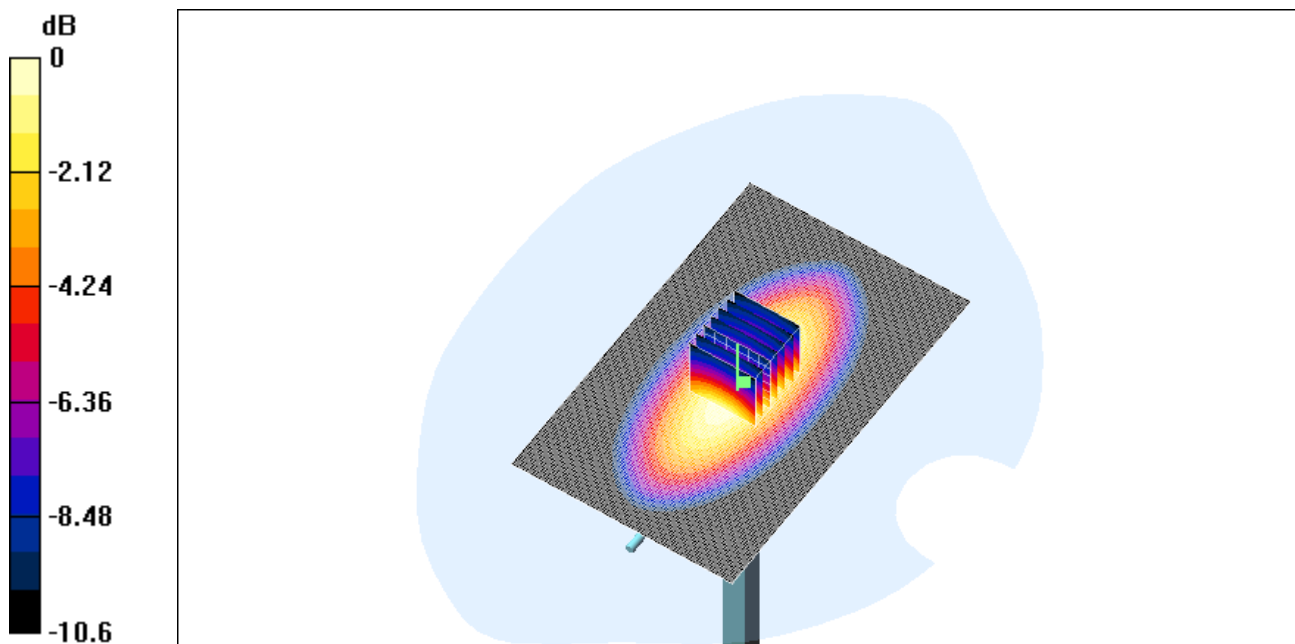
Peak SAR (extrapolated) = 3.68 W/kg

SAR(1 g) = 2.57 mW/g; SAR(10 g) = 1.66 mW/g

Reference Value = 55.1 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 2.77 mW/g



0 dB = 2.77mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid.900\(h\)_250mW_22.11.2003.da4](#)

Dipol Valid.900(h)_250mW_22.11.2003

DUT: Dipole 900 MHz; Type: SA AAD 090 BA; Serial: 164

Program: Dipol Valid 900

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: Head 900 MHz ($\sigma = 0.936426$ mho/m, $\epsilon_r = 41.4512$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.4, 6.4, 6.4); Calibrated: Probe not calibrated
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Dipol 900 (250mW)/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 58.5 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 2.99 mW/g

Dipol 900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

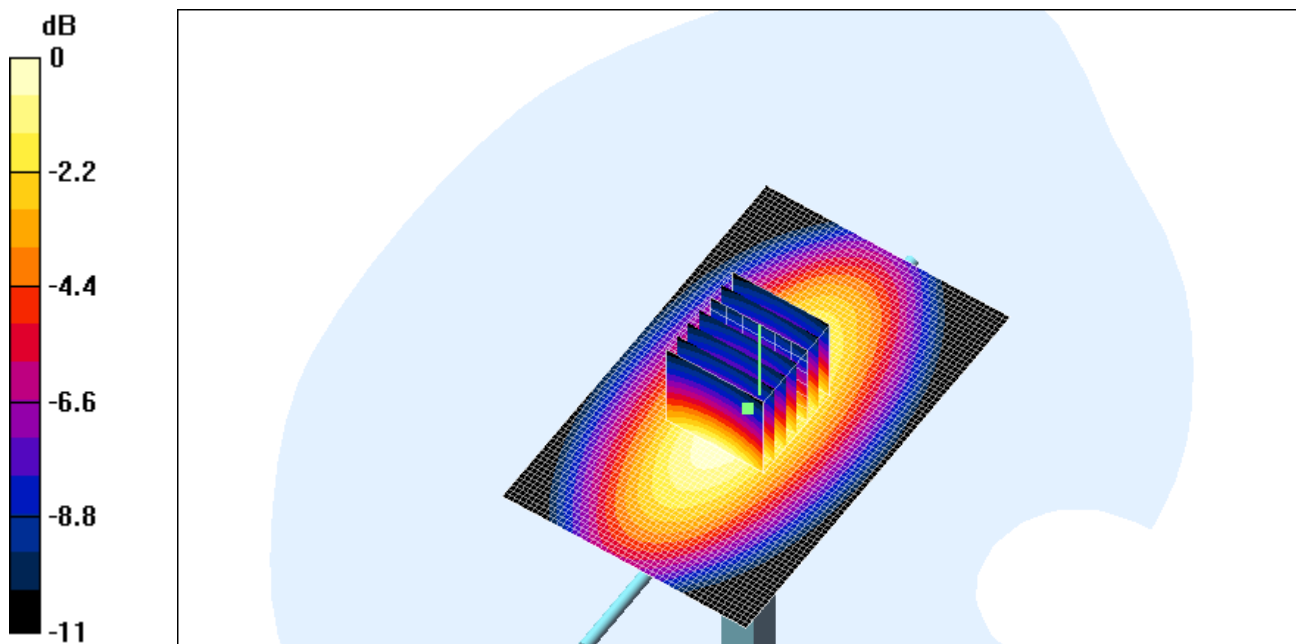
Peak SAR (extrapolated) = 4.02 W/kg

SAR(1 g) = 2.7 mW/g; SAR(10 g) = 1.72 mW/g

Reference Value = 58.5 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 2.89 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid.900\(h\)_250mW_24.11.2003.da4](#)

Dipol Valid.900(h)_250mW_24.11.2003

DUT: Dipole 900 MHz; Type: SA AAD 090 BA; Serial: 164

Program: Dipol Valid 900

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: Head 900 MHz ($\sigma = 0.936426$ mho/m, $\epsilon_r = 41.4512$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.4, 6.4, 6.4); Calibrated: Probe not calibrated
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Dipol 900 (250mW)/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 57.2 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 2.83 mW/g

Dipol 900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

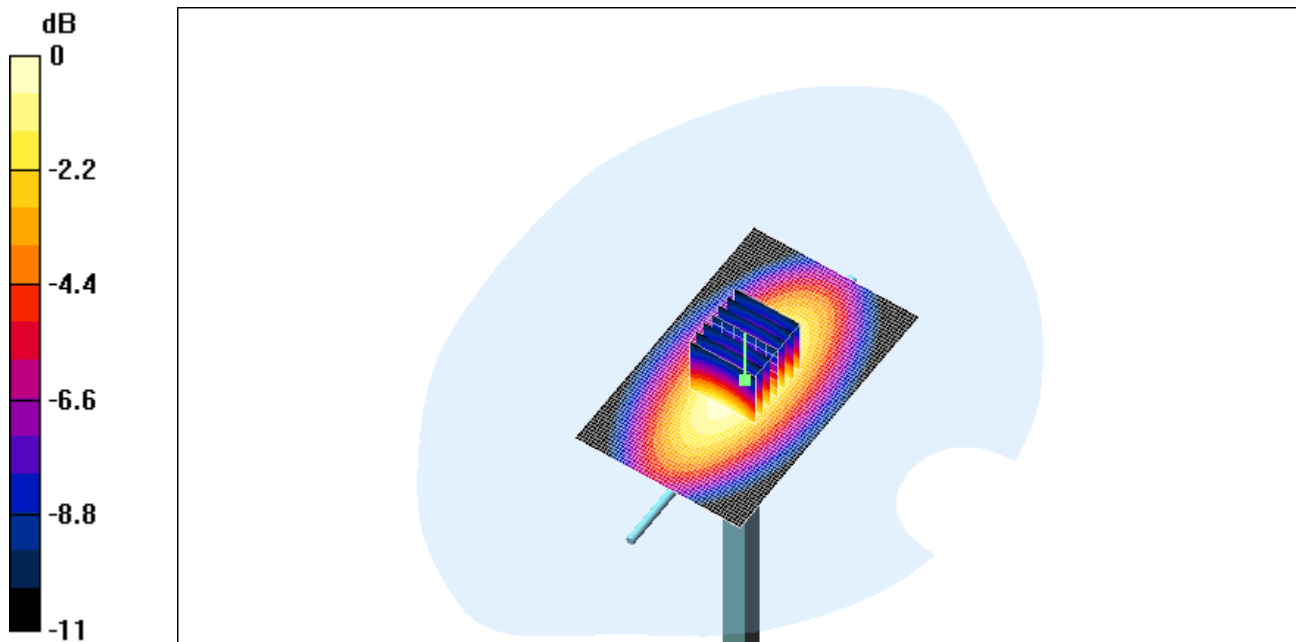
Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 2.56 mW/g; SAR(10 g) = 1.64 mW/g

Reference Value = 57.2 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 2.78 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid.1900\(m\)_14.11.03.da4](#)

Dipol Valid.1900(m)_14.11.03

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d025

Program: Dipol Valid 1900

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: Muscle 1900 MHz ($\sigma = 1.58102$ mho/m, $\epsilon_r = 51.8712$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5, 5, 5); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Dipol 1900 (250mW)/Area Scan (71x101x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 97 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 12.9 mW/g

Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

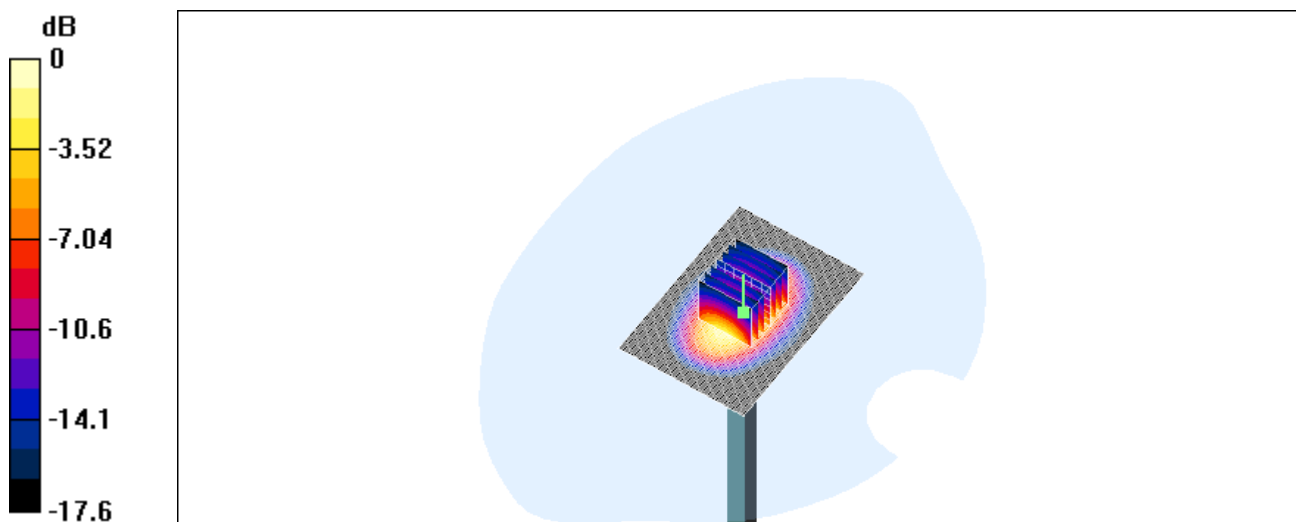
Peak SAR (extrapolated) = 19.4 W/kg

SAR(1 g) = 10.7 mW/g; SAR(10 g) = 5.54 mW/g

Reference Value = 97 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 12.7 mW/g



0 dB = 12.7mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid.1800 \(m\)_250mW.da4](#)

Dipol Valid.1800 (m)_250mW

DUT: Dipole 1800 MHz (D1800V2); Type: SA AAD 180 BA; Serial: 2d046

Program: Dipol Valid 1800

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

Medium: Muscle 1800 MHz ($\sigma = 1.56898$ mho/m, $\epsilon_r = 52.2493$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5, 5, 5); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Dipol 1800 (250mW)/Area Scan (81x81x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 88.7 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 11.1 mW/g

Dipol 1800 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

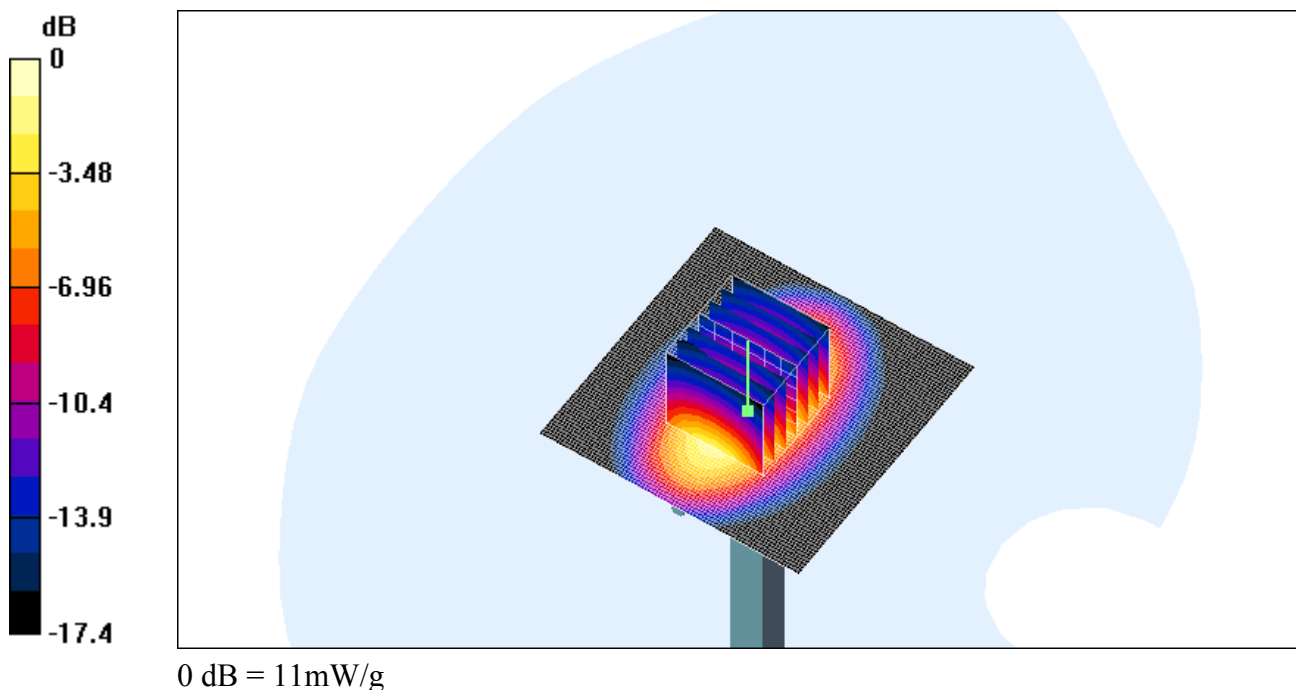
Peak SAR (extrapolated) = 17.6 W/kg

SAR(1 g) = 9.85 mW/g; SAR(10 g) = 5.03 mW/g

Reference Value = 88.7 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 11 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid.1800 \(h\)_250mW_21.11.2003.da4](#)

Dipol Valid.1800 (h)_250mW_21.11.2003

DUT: Dipole 1800 MHz (D1800V2); Type: SA AAD 180 BA; Serial: 2d046

Program: System Valid.

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

Medium: Head 1800 MHz ($\sigma = 1.45479$ mho/m, $\epsilon_r = 40.5879$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Dipol Valid.1800(h) 250mW/Area Scan (81x81x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 90.6 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 11.2 mW/g

Dipol Valid.1800(h) 250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

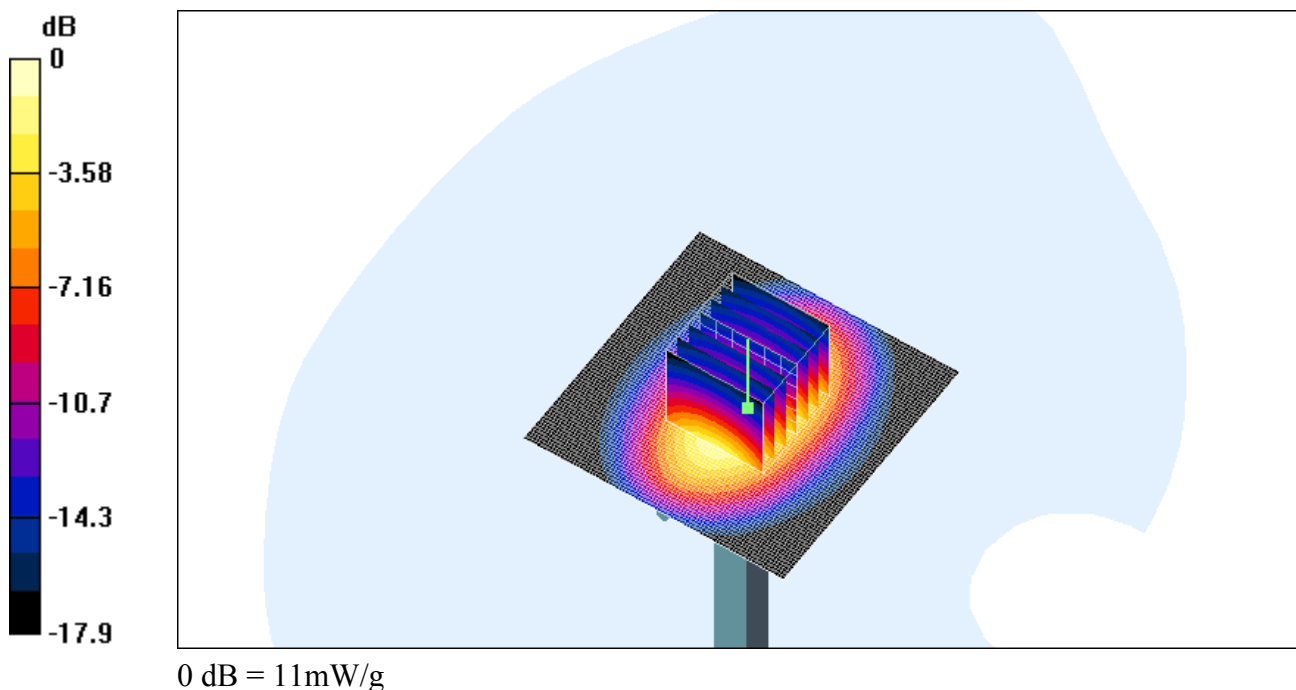
Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 9.81 mW/g; SAR(10 g) = 4.97 mW/g

Reference Value = 90.6 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 11 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid.900\(h\)_250mW_22.11.2003_sonden_test.da4](#)

Dipol Valid.900(h)_250mW_22.11.2003_sonden_test

DUT: Dipole 900 MHz; Type: SA AAD 090 BA; Serial: 164

Program: Dipol Valid 900

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: Head 900 MHz ($\sigma = 0.936426$ mho/m, $\epsilon_r = 41.4512$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.4, 6.4, 6.4); Calibrated: Probe not calibrated
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Dipol 900 (250mW)/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 58.5 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 2.99 mW/g

Dipol 900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

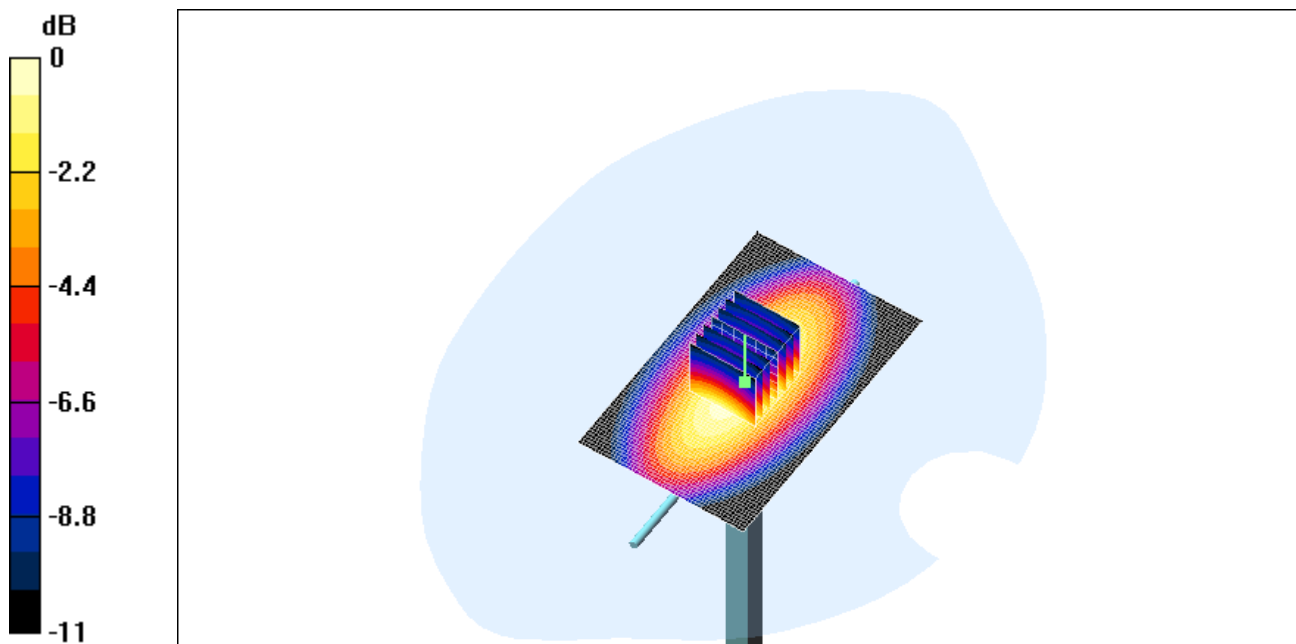
Peak SAR (extrapolated) = 4.11 W/kg

SAR(1 g) = 2.79 mW/g; SAR(10 g) = 1.78 mW/g

Reference Value = 58.5 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 3 mW/g



0 dB = 3mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [900_left_ch37_cheek.da4](#)

900_left_ch37_cheek

DUT: E-GSM900/GSM1800/GSM1900 Triple Band GPRS Terminal Equipment; Type: -;

Serial: INNO 89

Program: EGSM 900

Communication System: EGSM 900; Frequency: 897.4 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz ($\sigma = 0.936426$ mho/m, $\epsilon_r = 41.4512$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.4, 6.4, 6.4); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

INNO89/Area Scan (91x151x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 14 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 1.27 mW/g

INNO89/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

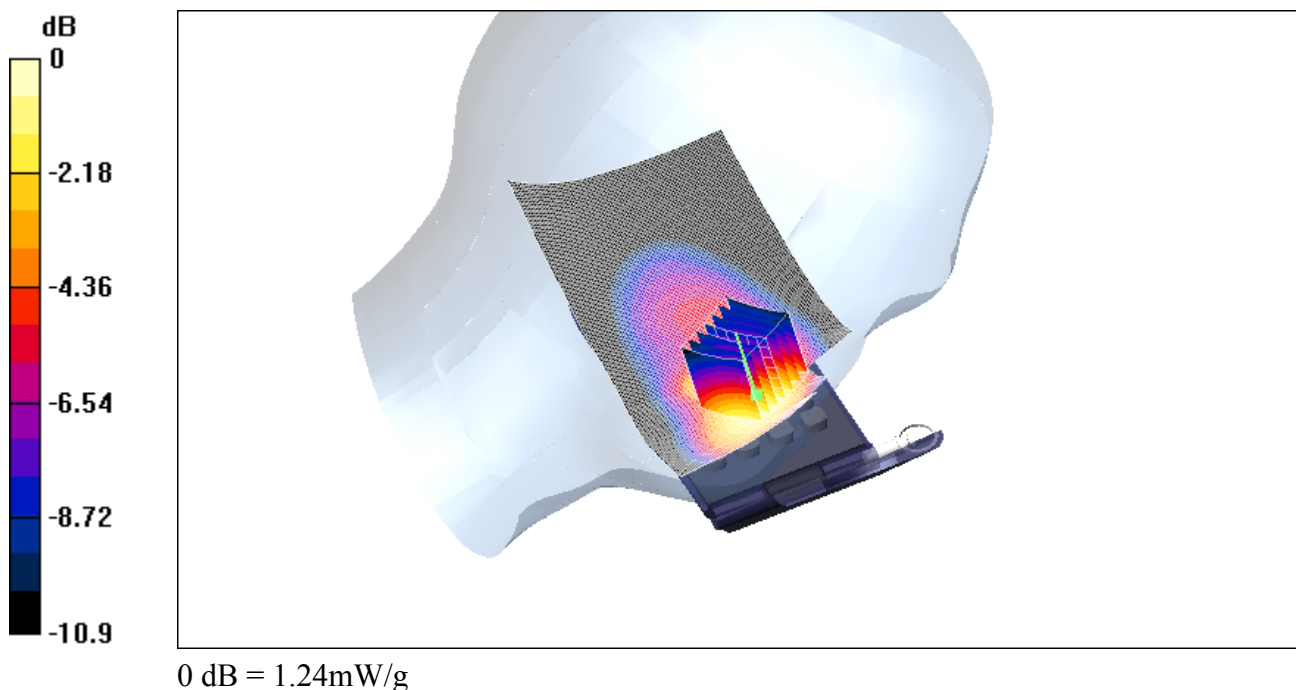
Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.771 mW/g

Reference Value = 14 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 1.24 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [900_left_ch37_tilted.da4](#)

900_left_ch37_tilted

DUT: E-GSM900/GSM1800/GSM1900 Triple Band GPRS Terminal Equipment; Type: -;

Serial: INNO 89

Program: EGSM 900

Communication System: EGSM 900; Frequency: 897.4 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz ($\sigma = 0.936426$ mho/m, $\epsilon_r = 41.4512$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.4, 6.4, 6.4); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

INNO89/Area Scan (91x151x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 18.7 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 0.444 mW/g

INNO89/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

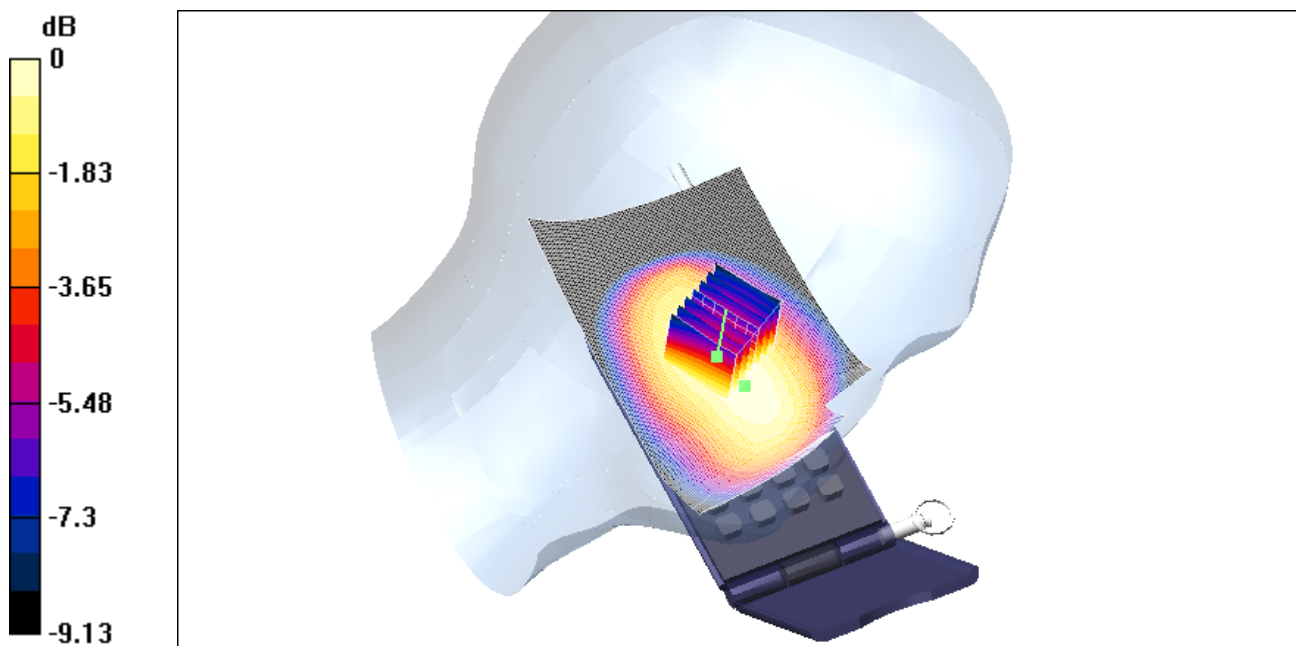
Peak SAR (extrapolated) = 0.542 W/kg

SAR(1 g) = 0.425 mW/g; SAR(10 g) = 0.318 mW/g

Reference Value = 18.7 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 0.445 mW/g



0 dB = 0.445mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [900_right_ch37_cheek.da4](#)

900_right_ch37_cheek

DUT: E-GSM900/GSM1800/GSM1900 Triple Band GPRS Terminal Equipment; Type: -;

Serial: INNO 89

Program: EGSM 900

Communication System: EGSM 900; Frequency: 897.4 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz ($\sigma = 0.936426$ mho/m, $\epsilon_r = 41.4512$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.4, 6.4, 6.4); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

INNO89/Area Scan (91x151x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 14.6 V/m

Power Drift = -0.08 dB

Maximum value of SAR = 1.51 mW/g

INNO89/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

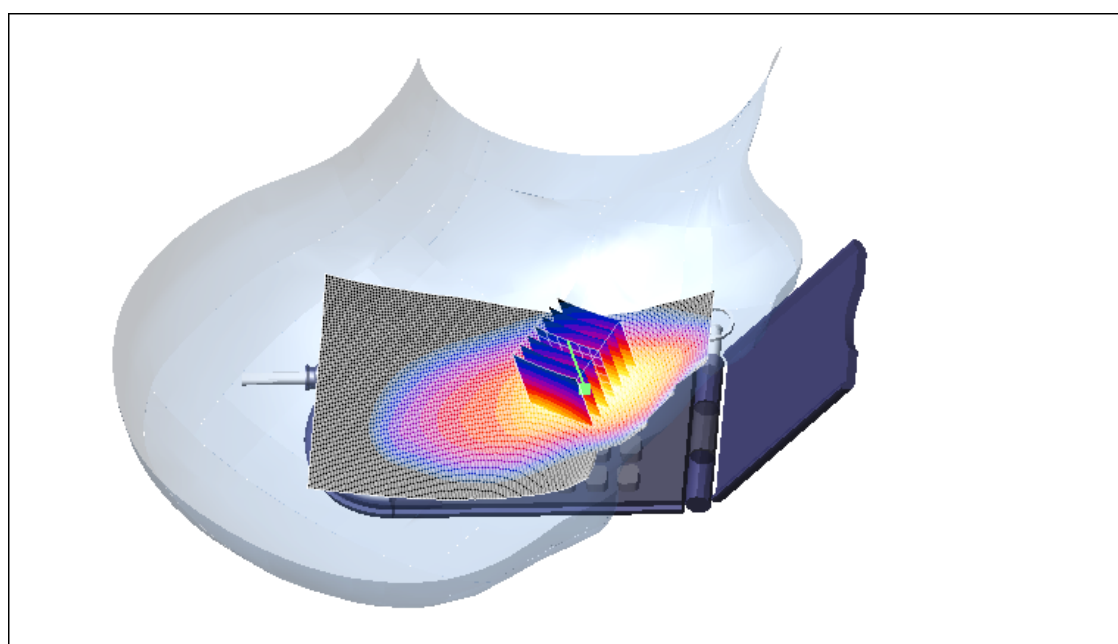
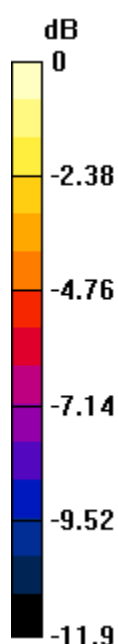
Peak SAR (extrapolated) = 2 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.854 mW/g

Reference Value = 14.6 V/m

Power Drift = -0.08 dB

Maximum value of SAR = 1.45 mW/g



0 dB = 1.45mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [900_right_ch37_tilted.da4](#)

900_right_ch37_tilted

DUT: E-GSM900/GSM1800/GSM1900 Triple Band GPRS Terminal Equipment; Type: -;

Serial: INNO 89

Program: EGSM 900

Communication System: EGSM 900; Frequency: 897.4 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz ($\sigma = 0.936426$ mho/m, $\epsilon_r = 41.4512$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.4, 6.4, 6.4); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

INNO89/Area Scan (91x151x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 18.3 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.467 mW/g

INNO89/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

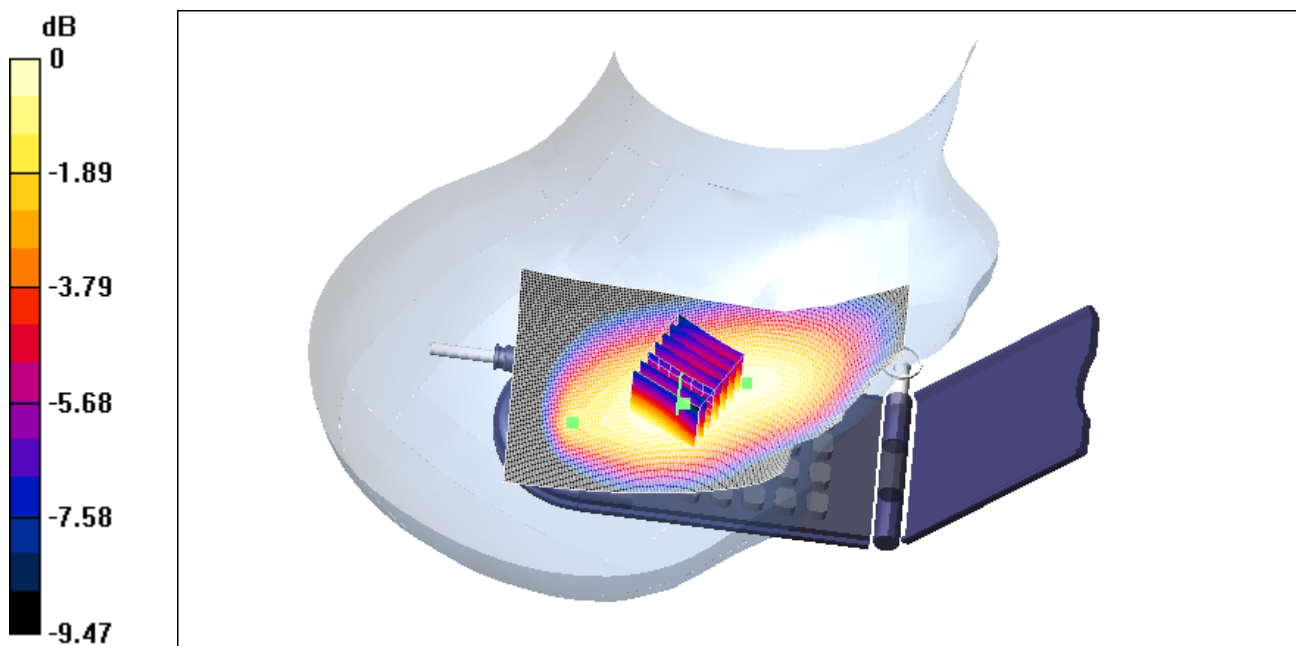
Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.326 mW/g

Reference Value = 18.3 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.465 mW/g



0 dB = 0.464mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [900_left_ch975_cheek.da4](#)

900_left_ch975_cheek

DUT: E-GSM900/GSM1800/GSM1900 Triple Band GPRS Terminal Equipment; Type: -;

Serial: INNO 89

Program: EGSM 900

Communication System: EGSM 900; Frequency: 880.2 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz ($\sigma = 0.92802$ mho/m, $\epsilon_r = 41.7428$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.4, 6.4, 6.4); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

INNO89/Area Scan (91x141x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 13.4 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 1.15 mW/g

INNO89/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

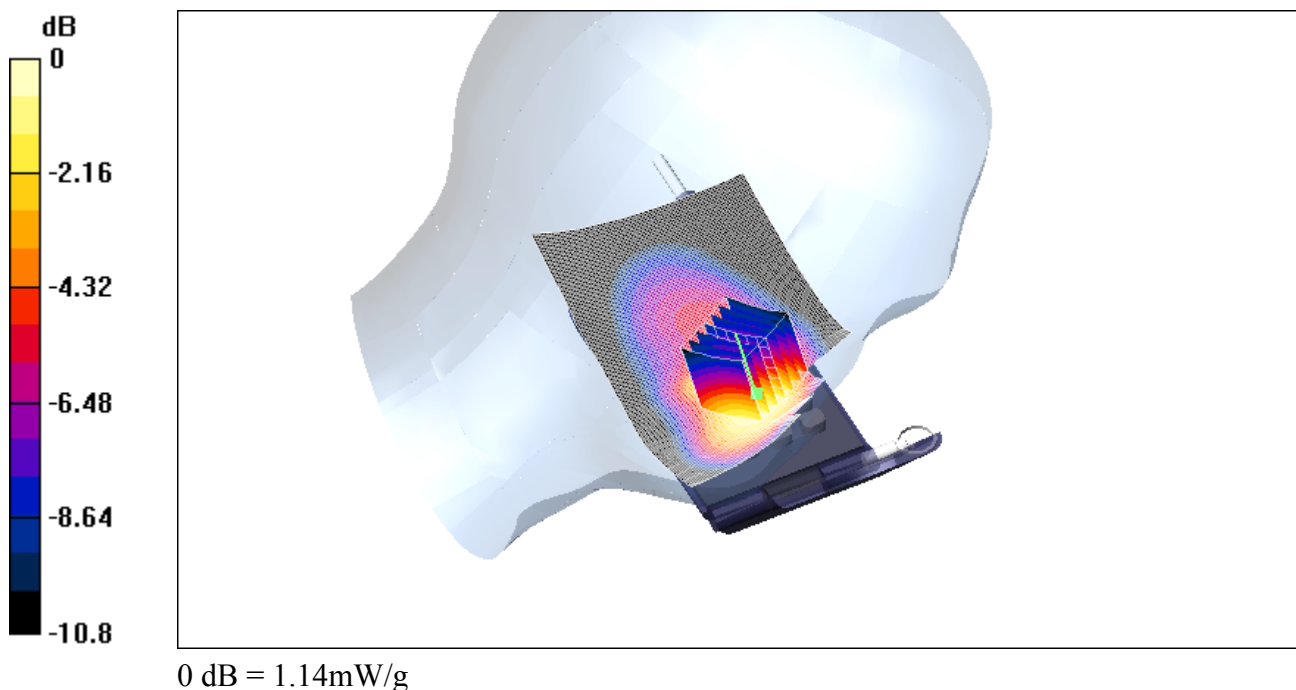
Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.704 mW/g

Reference Value = 13.4 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 1.14 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [900_right_ch975_cheek.da4](#)

900_right_ch975_cheek

DUT: E-GSM900/GSM1800/GSM1900 Triple Band GPRS Terminal Equipment; Type: -;

Serial: INNO 89

Program: EGSM 900

Communication System: EGSM 900; Frequency: 880.2 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz ($\sigma = 0.92802$ mho/m, $\epsilon_r = 41.7428$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.4, 6.4, 6.4); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

INNO89/Area Scan (91x151x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 13.7 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 1.33 mW/g

INNO89/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

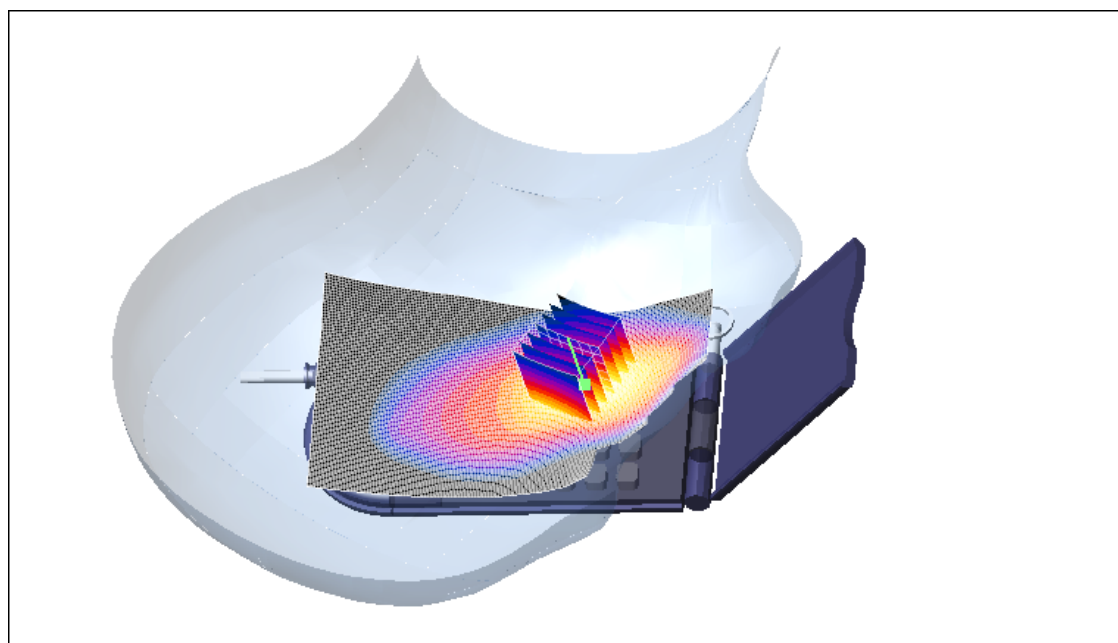
Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.768 mW/g

Reference Value = 13.7 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 1.31 mW/g



0 dB = 1.31mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [900_left_ch124_cheek.da4](#)

900_left_ch124_cheek

DUT: E-GSM900/GSM1800/GSM1900 Triple Band GPRS Terminal Equipment; Type: -;

Serial: INNO 89

Program: EGSM 900

Communication System: EGSM 900; Frequency: 914.8 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz ($\sigma = 0.961851$ mho/m, $\epsilon_r = 41.2463$, $\rho = 1000$ kg/m³)

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.4, 6.4, 6.4); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

INNO89/Area Scan (91x141x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 15.1 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 1.47 mW/g

INNO89/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

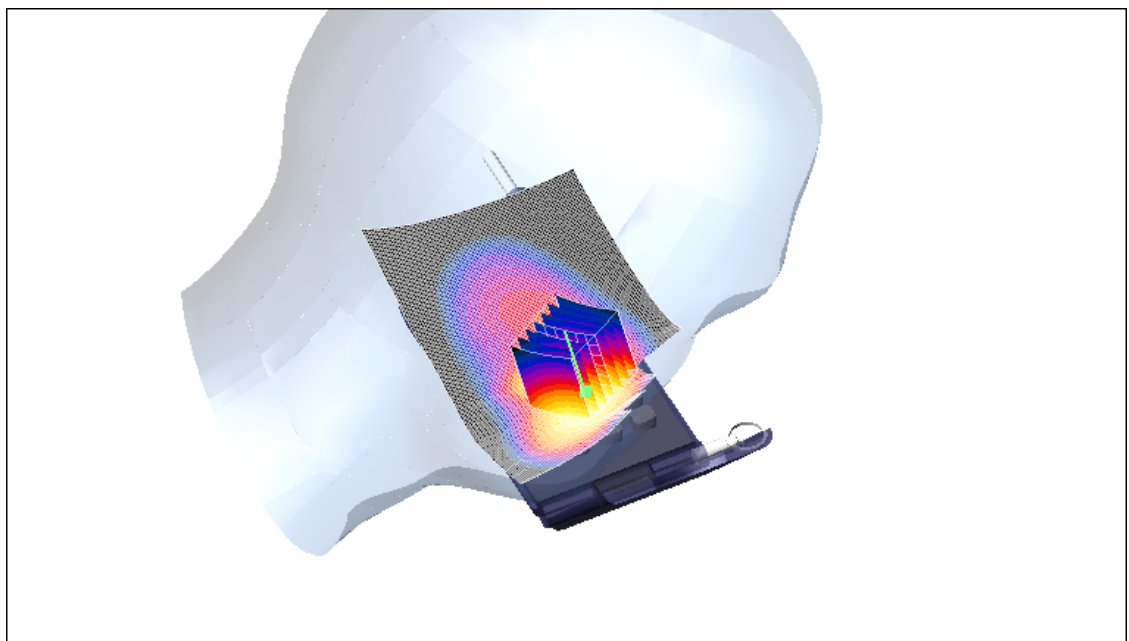
Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.887 mW/g

Reference Value = 15.1 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 1.43 mW/g



0 dB = 1.43mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [900_right_ch124_cheek.da4](#)

900_right_ch124_cheek

DUT: E-GSM900/GSM1800/GSM1900 Triple Band GPRS Terminal Equipment; Type: -;

Serial: INNO 89

Program: EGSM 900

Communication System: EGSM 900; Frequency: 914.8 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz ($\sigma = 0.961851$ mho/m, $\epsilon_r = 41.2463$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.4, 6.4, 6.4); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

INNO89/Area Scan (91x151x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 15.6 V/m

Power Drift = -0.004 dB

Maximum value of SAR = 1.72 mW/g

INNO89/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

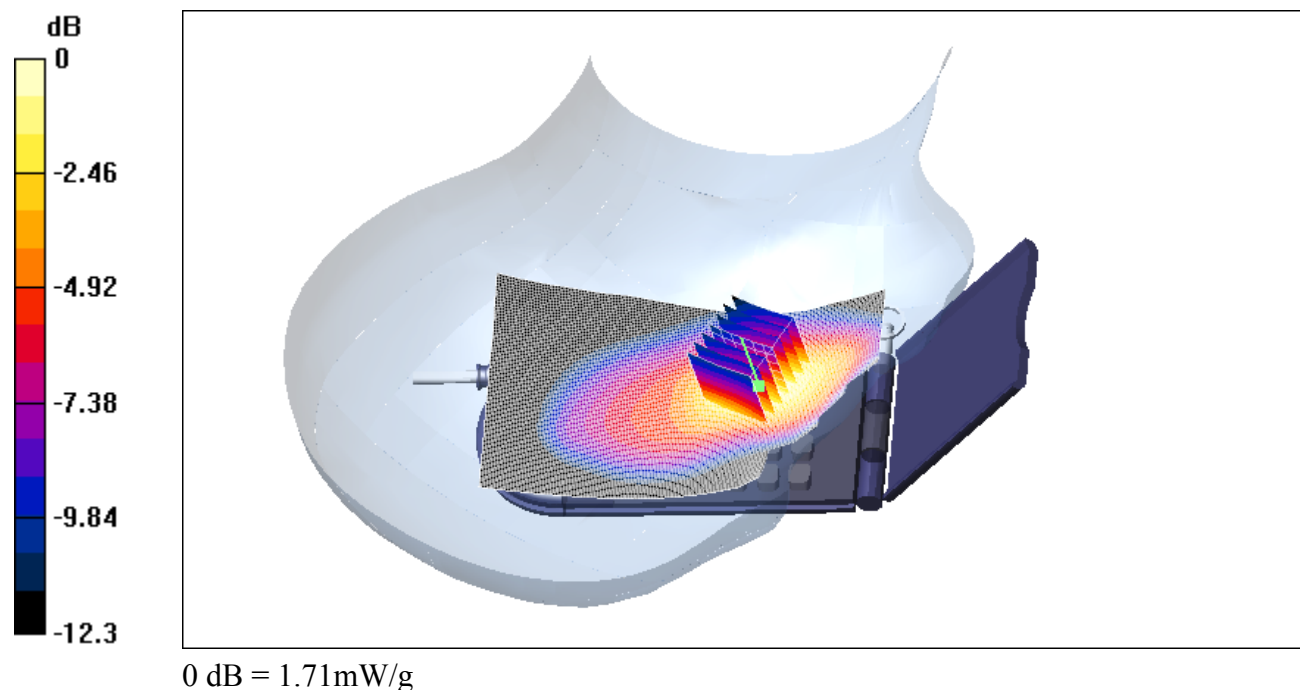
Peak SAR (extrapolated) = 2.4 W/kg

SAR(1 g) = 1.58 mW/g; SAR(10 g) = 0.986 mW/g

Reference Value = 15.6 V/m

Power Drift = -0.004 dB

Maximum value of SAR = 1.71 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [900_right_ch124_tilted.da4](#)

900_right_ch124_tilted

DUT: E-GSM900/GSM1800/GSM1900 Triple Band GPRS Terminal Equipment; Type: -;

Serial: INNO 89

Program: EGSM 900

Communication System: EGSM 900; Frequency: 914.8 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz ($\sigma = 0.961851$ mho/m, $\epsilon_r = 41.2463$, $\rho = 1000$ kg/m³)

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.4, 6.4, 6.4); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

INNO89/Area Scan (91x151x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 20 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 0.553 mW/g

INNO89/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

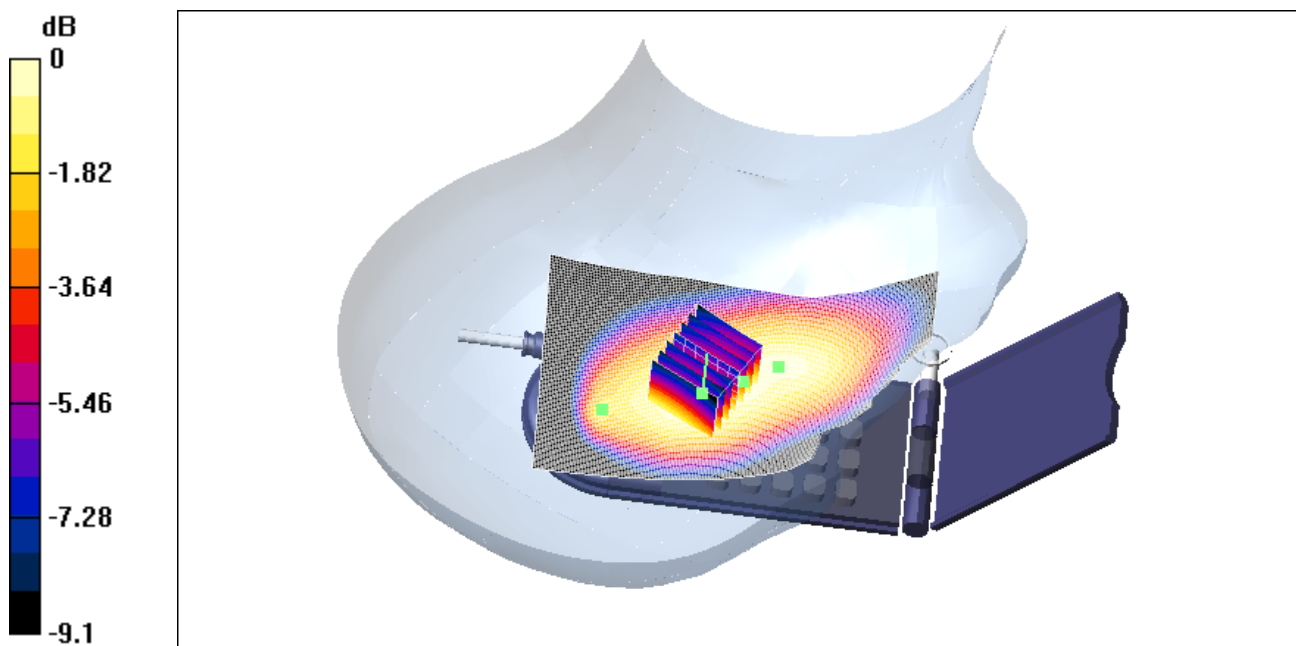
Peak SAR (extrapolated) = 0.67 W/kg

SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.386 mW/g

Reference Value = 20 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 0.56 mW/g



0 dB = 0.555mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [900_flat_ch37_front.da4](#)

900_flat_ch37_front

DUT: E-GSM900/GSM1800/GSM1900 Triple Band GPRS Terminal Equipment; Type: -;

Serial: INNO 89

Program: EGSM 900

Communication System: EGSM 900; Frequency: 897.4 MHz; Duty Cycle: 1:8.3

Medium: Muscle 900 MHz ($\sigma = 1.03389$ mho/m, $\epsilon_r = 54.4137$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.2, 6.2, 6.2); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

INNO 89/Area Scan (141x101x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 11.3 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.194 mW/g

INNO 89/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

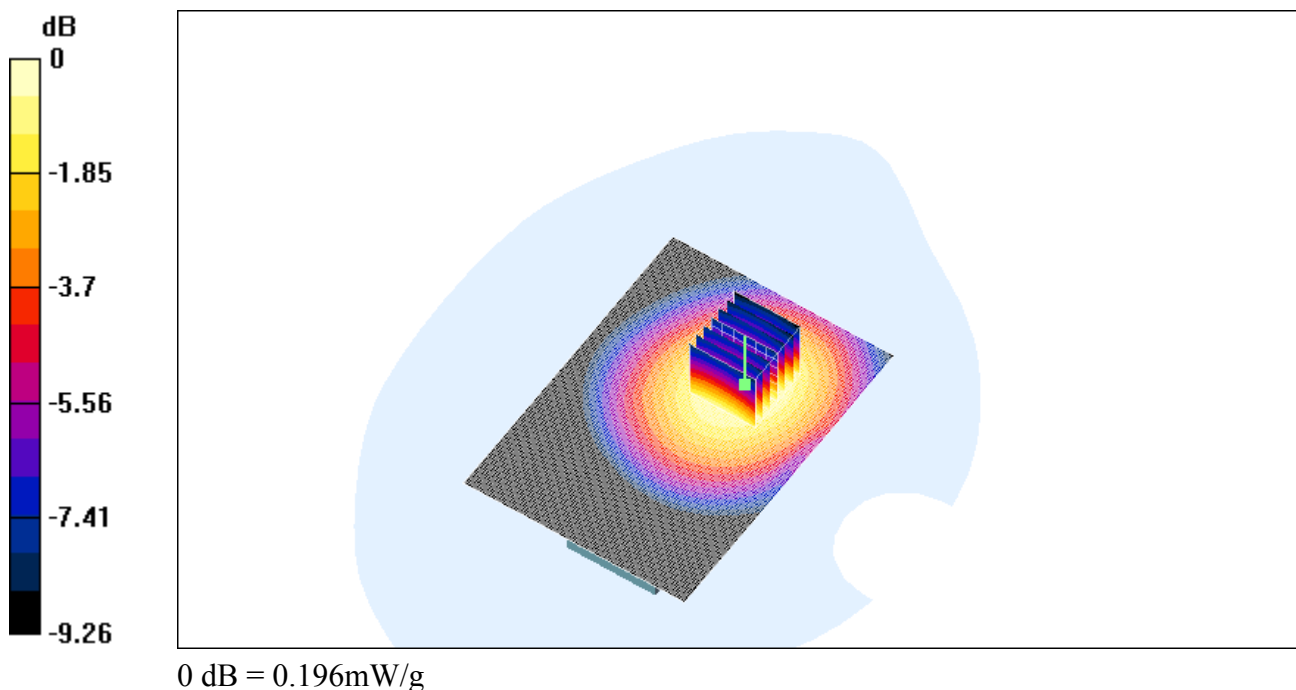
Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.131 mW/g

Reference Value = 11.3 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.196 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [900_flat_ch37_back.da4](#)

900_flat_ch37_back

DUT: E-GSM900/GSM1800/GSM1900 Triple Band GPRS Terminal Equipment; Type: -;

Serial: INNO 89

Program: EGSM 900

Communication System: EGSM 900; Frequency: 897.4 MHz; Duty Cycle: 1:8.3

Medium: Muscle 900 MHz ($\sigma = 1.03389$ mho/m, $\epsilon_r = 54.4137$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.2, 6.2, 6.2); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

INNO 89/Area Scan (141x101x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 19.6 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.485 mW/g

INNO 89/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

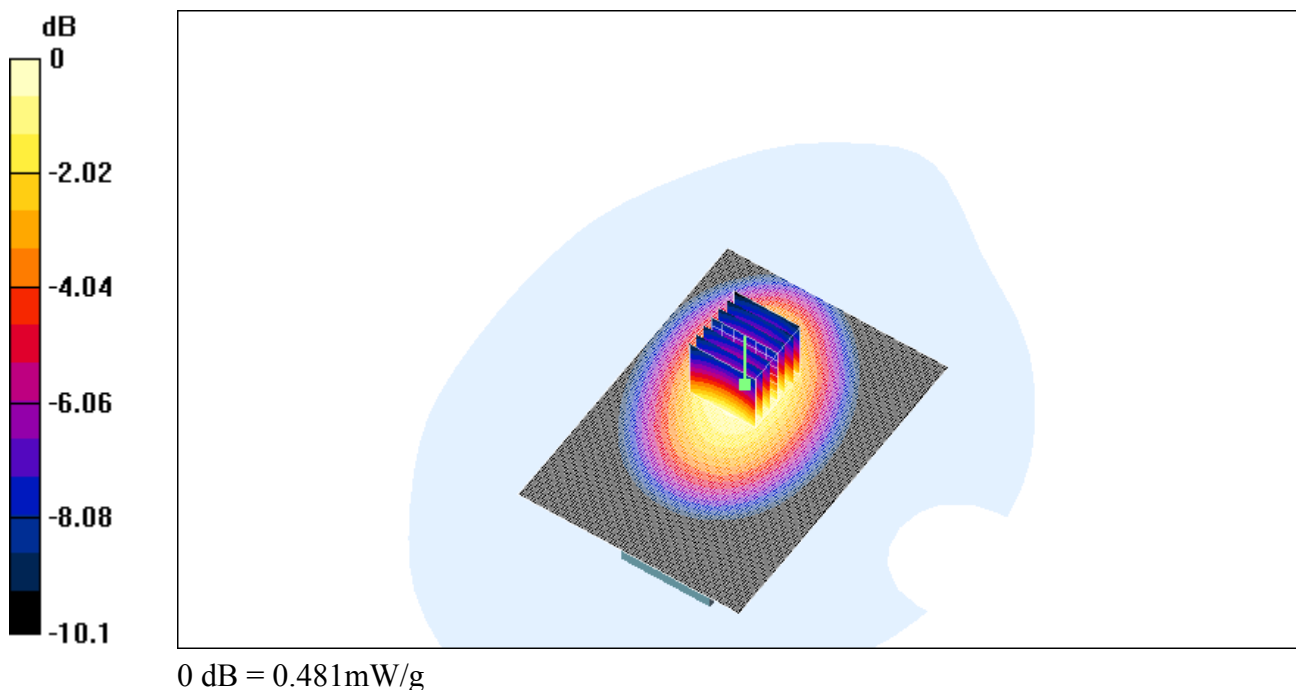
Peak SAR (extrapolated) = 0.607 W/kg

SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.312 mW/g

Reference Value = 19.6 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.481 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [900_flat_ch975_back.da4](#)

900_flat_ch975_back

DUT: E-GSM900/GSM1800/GSM1900 Triple Band GPRS Terminal Equipment; Type: -;

Serial: INNO 89

Program: EGSM 900

Communication System: EGSM 900; Frequency: 880.2 MHz; Duty Cycle: 1:8.3

Medium: Muscle 900 MHz ($\sigma = 1.01238$ mho/m, $\epsilon_r = 54.6342$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.2, 6.2, 6.2); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

INNO 89/Area Scan (141x101x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 18 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.4 mW/g

INNO 89/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

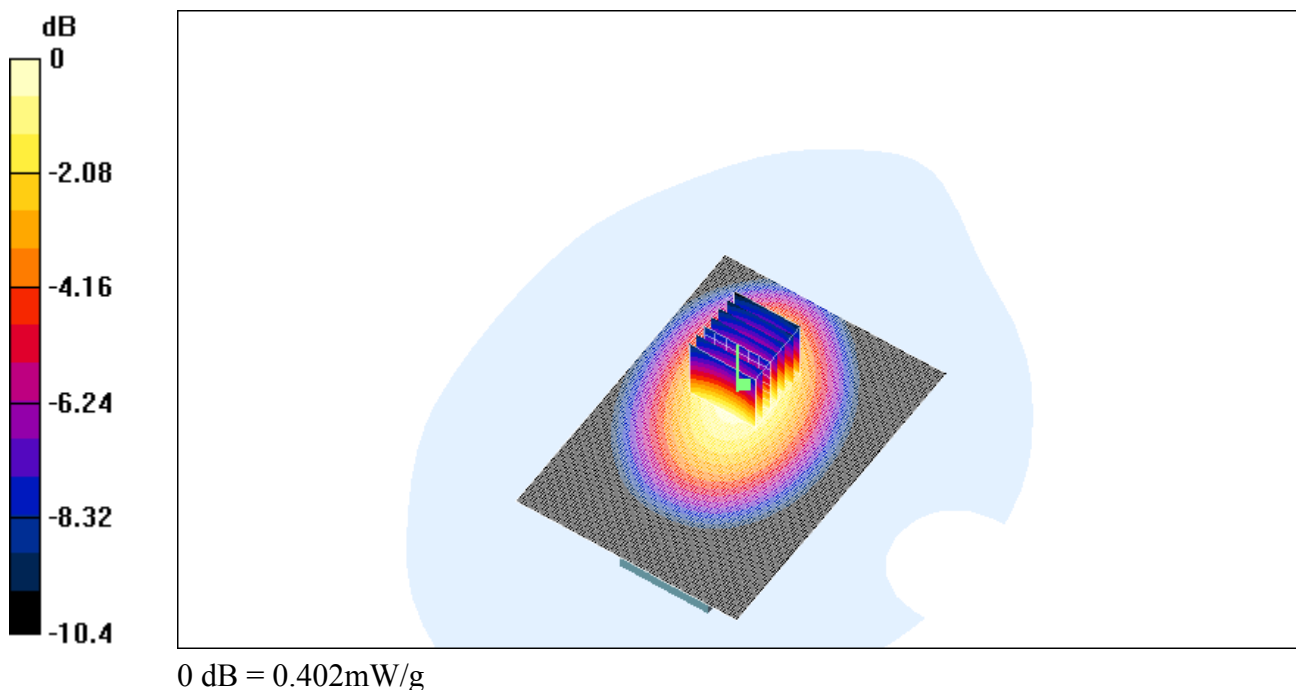
Peak SAR (extrapolated) = 0.512 W/kg

SAR(1 g) = 0.38 mW/g; SAR(10 g) = 0.263 mW/g

Reference Value = 18 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.402 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [900_flat_ch124_back.da4](#)

900_flat_ch124_back

DUT: E-GSM900/GSM1800/GSM1900 Triple Band GPRS Terminal Equipment; Type: -;

Serial: INNO 89

Program: EGSM 900

Communication System: EGSM 900; Frequency: 914.8 MHz; Duty Cycle: 1:8.3

Medium: Muscle 900 MHz ($\sigma = 1.05675$ mho/m, $\epsilon_r = 54.28$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.2, 6.2, 6.2); Calibrated: 11/29/2002
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 9/11/2002
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

INNO 89/Area Scan (141x101x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 22.3 V/m

Power Drift = 0.08 dB

Maximum value of SAR = 0.607 mW/g

INNO 89/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.787 W/kg

SAR(1 g) = 0.577 mW/g; SAR(10 g) = 0.398 mW/g

Reference Value = 22.3 V/m

Power Drift = 0.08 dB

Maximum value of SAR = 0.617 mW/g

