



Appendix B

Measurement Plots

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

Dipol Valid.1900(h)_250mW27.03.2006

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

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

Medium: Head 1900 MHz Medium parameters used: $f = 1900$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.84, 4.84, 4.84); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Dipol 1900 (250mW)/Area Scan (61x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 12.3 mW/g

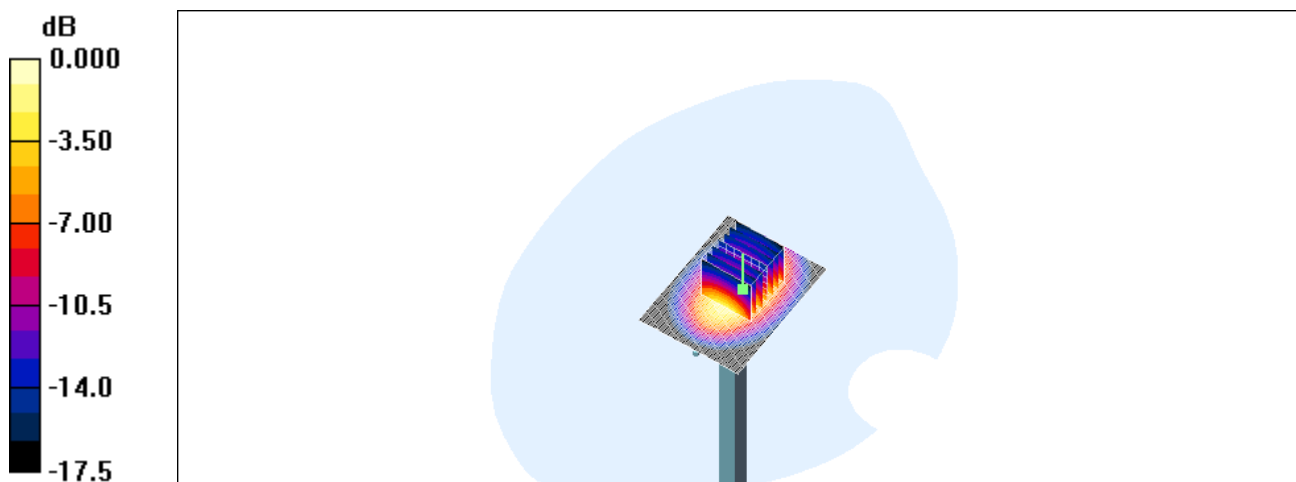
Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.3 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 10.5 mW/g; SAR(10 g) = 5.48 mW/g

Maximum value of SAR (measured) = 11.9 mW/g



0 dB = 11.9mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

Dipol Valid.1900(m)_250mW28.03.2006

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

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

Medium: Muscle 1900 MHz Medium parameters used: $f = 1900$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.31, 4.31, 4.31); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Dipol 1900 (250mW)/Area Scan (61x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 13.5 mW/g

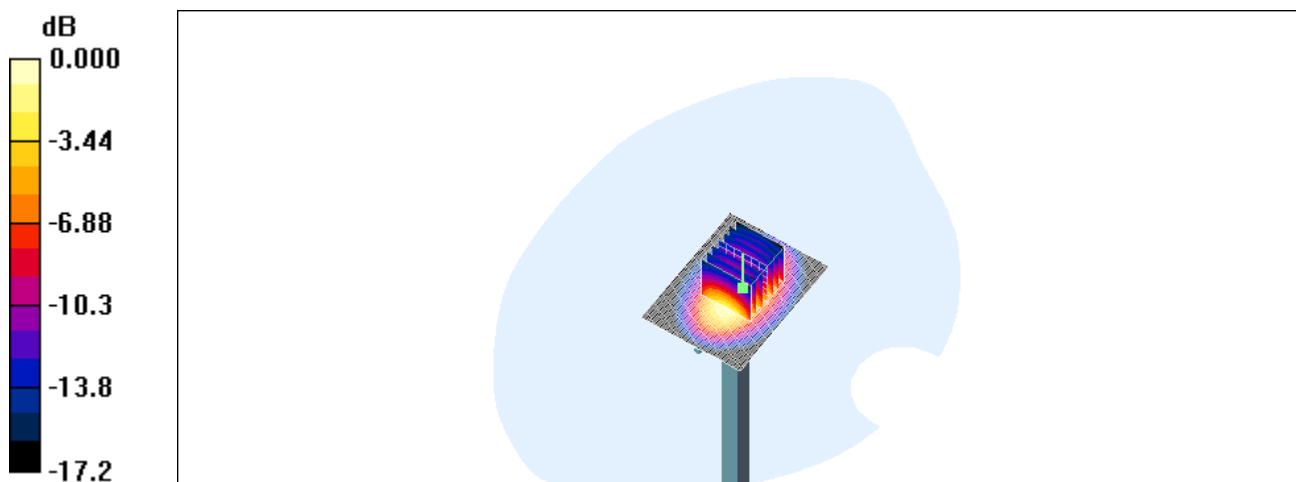
Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.0 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 19.9 W/kg

SAR(1 g) = 11.6 mW/g; SAR(10 g) = 6.11 mW/g

Maximum value of SAR (measured) = 13.2 mW/g



0 dB = 13.2mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

Dipol Valid.900 (m)_250mW28.03.2006

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

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

Medium: Muscle 900 MHz Medium parameters used: $f = 900$ MHz; $\sigma = 1.04$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.73, 5.73, 5.73); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Dipol 900 (250mW)/Area Scan (81x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 3.11 mW/g

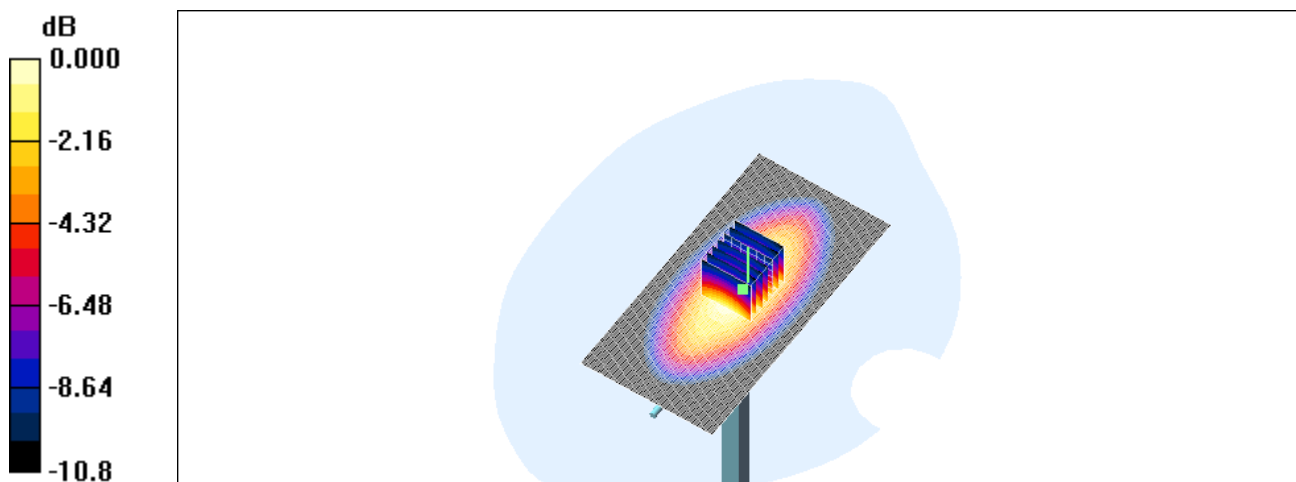
Dipol 900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.2 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 4.42 W/kg

SAR(1 g) = 2.9 mW/g; SAR(10 g) = 1.85 mW/g

Maximum value of SAR (measured) = 3.16 mW/g



0 dB = 3.16mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

Dipol Valid.900 (h)_250mW29.03.2006

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

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

Medium: Head 900 MHz Medium parameters used: $f = 900$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.99, 5.99, 5.99); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Dipol 900 (250mW)/Area Scan (81x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.80 mW/g

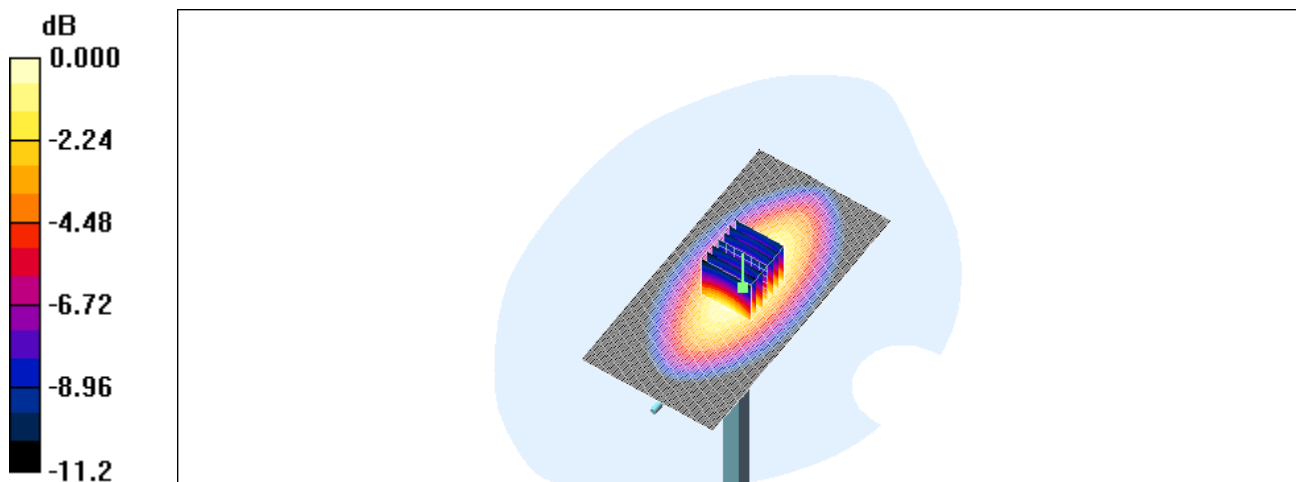
Dipol 900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 58.9 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 4.46 W/kg

SAR(1 g) = 2.64 mW/g; SAR(10 g) = 1.61 mW/g

Maximum value of SAR (measured) = 2.71 mW/g



0 dB = 2.71mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_left_ch189_cheek

DUT: Triple-Band GSM 850 / DCS 1800 / PCS1900 (with WAP & GPRS); Type: PG-3810; Serial: ---

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r = 43.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.99, 5.99, 5.99); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PG-3810/Area Scan (91x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.09 mW/g

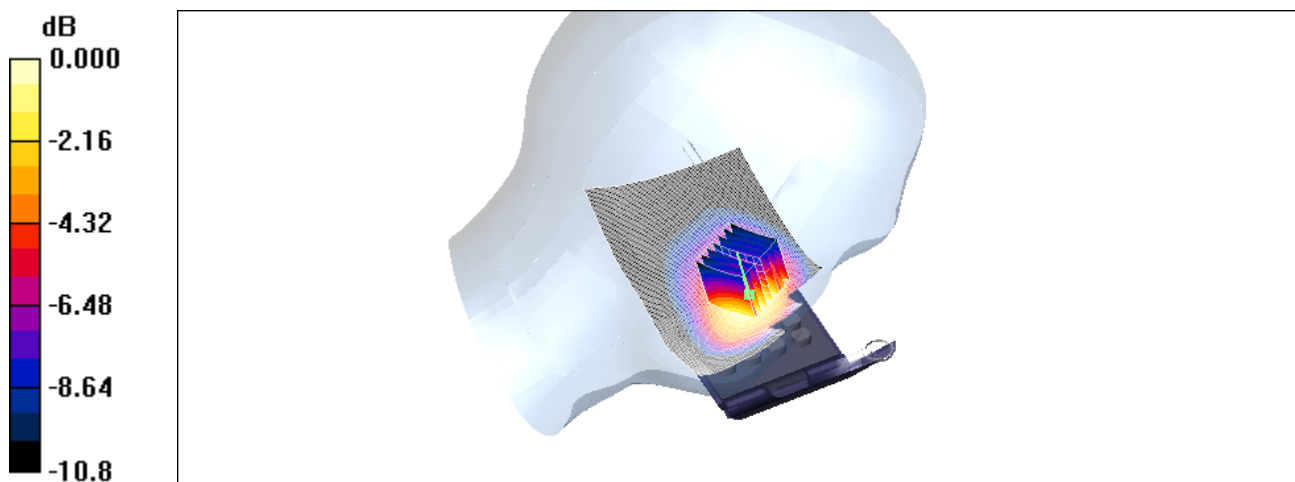
PG-3810/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.95 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.994 mW/g; SAR(10 g) = 0.653 mW/g

Maximum value of SAR (measured) = 1.08 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_left_ch189_tilted

**DUT: Triple-Band GSM 850 / DCS 1800 / PCS1900 (with WAP & GPRS); Type: PG-3810;
Serial: ---**

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r = 43.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.99, 5.99, 5.99); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PG-3810/Area Scan (91x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.257 mW/g

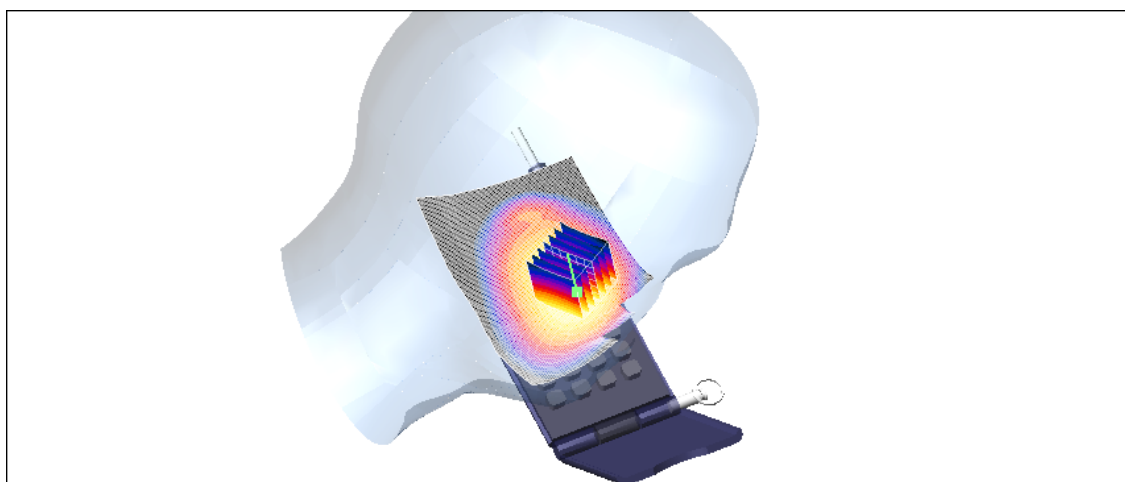
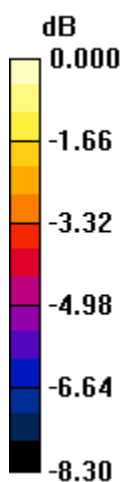
PG-3810/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.321 W/kg

SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.257 mW/g



0 dB = 0.257mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_left_ch128_cheek

**DUT: Triple-Band GSM 850 / DCS 1800 / PCS1900 (with WAP & GPRS); Type: PG-3810;
Serial: ---**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 43.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.99, 5.99, 5.99); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PG-3810/Area Scan (91x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.36 mW/g

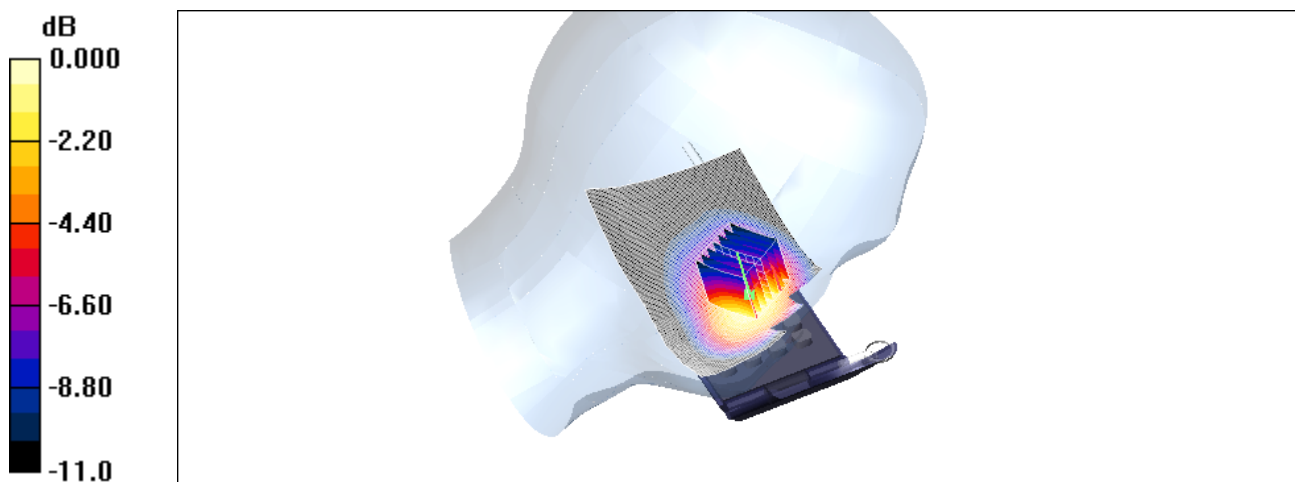
PG-3810/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.91 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.822 mW/g

Maximum value of SAR (measured) = 1.34 mW/g



0 dB = 1.34mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_left_ch251_cheek

DUT: Triple-Band GSM 850 / DCS 1800 / PCS1900 (with WAP & GPRS); Type: PG-3810; Serial: ---

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.925 \text{ mho/m}$; $\epsilon_r = 43.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.99, 5.99, 5.99); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PG-3810/Area Scan (91x141x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.931 mW/g

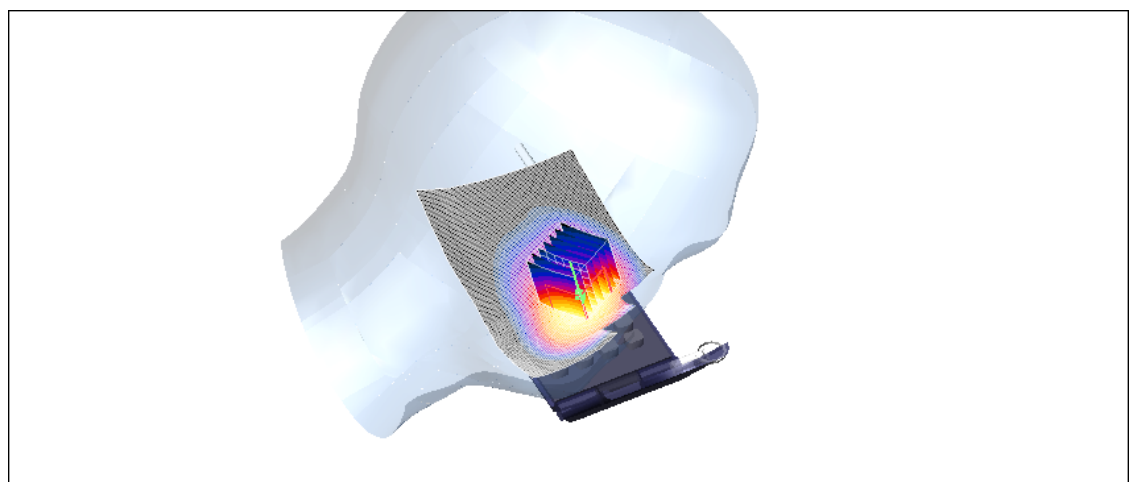
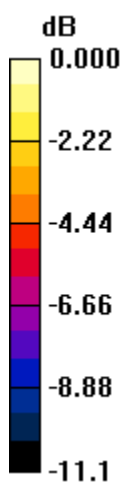
PG-3810/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.25 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.848 mW/g; SAR(10 g) = 0.554 mW/g

Maximum value of SAR (measured) = 0.908 mW/g



0 dB = 0.908mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_right_ch189_cheek

**DUT: Triple-Band GSM 850 / DCS 1800 / PCS1900 (with WAP & GPRS); Type: PG-3810;
Serial: ---**

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r = 43.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.99, 5.99, 5.99); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PG-3810/Area Scan (91x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.12 mW/g

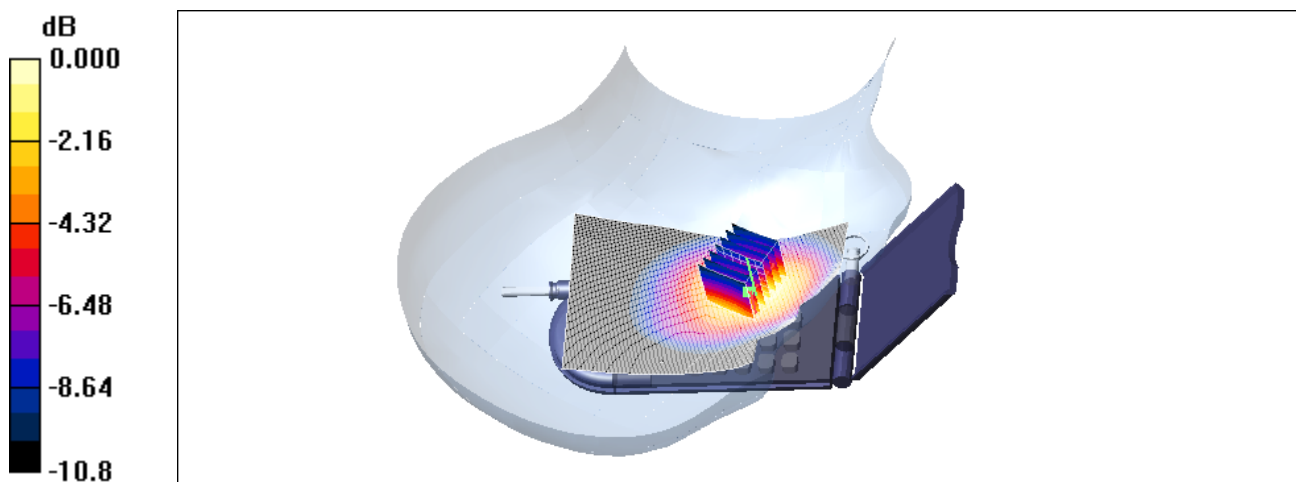
PG-3810/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.09 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.661 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_right_ch189_tilted

DUT: Triple-Band GSM 850 / DCS 1800 / PCS1900 (with WAP & GPRS); Type: PG-3810; Serial: ---

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r = 43.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.99, 5.99, 5.99); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PG-3810/Area Scan (91x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.262 mW/g

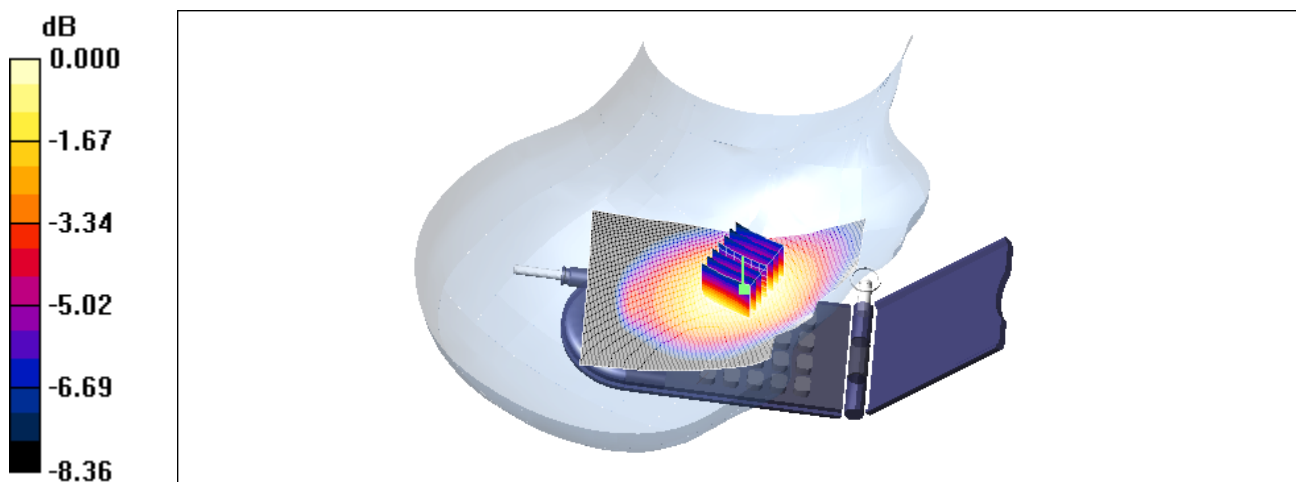
PG-3810/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.262 mW/g



0 dB = 0.262mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_right_ch128_cheek

**DUT: Triple-Band GSM 850 / DCS 1800 / PCS1900 (with WAP & GPRS); Type: PG-3810;
Serial: ---**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 43.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.99, 5.99, 5.99); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PG-3810/Area Scan (91x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.41 mW/g

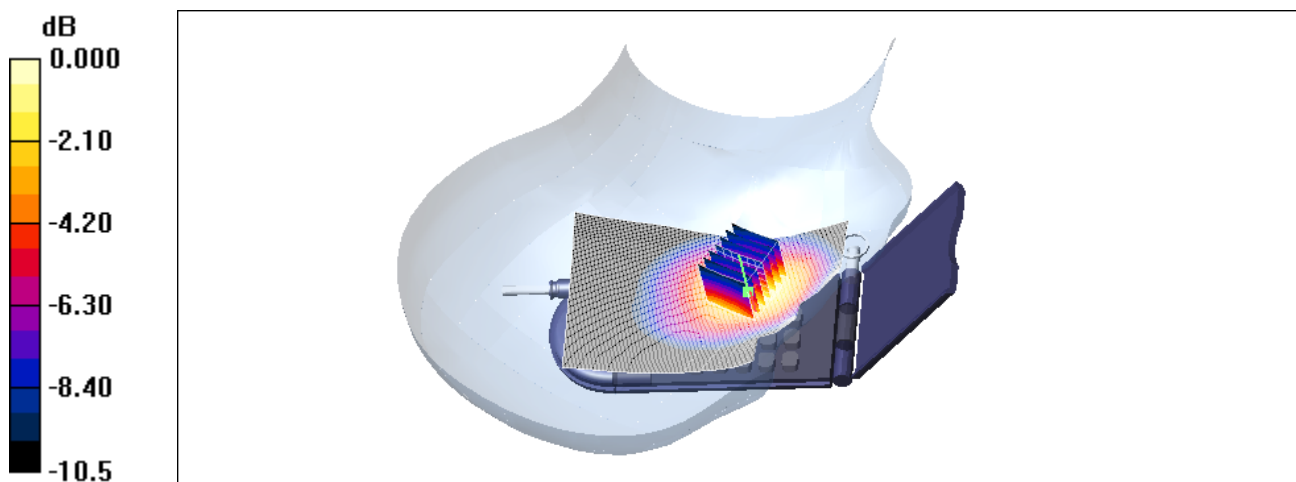
PG-3810/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.848 mW/g

Maximum value of SAR (measured) = 1.41 mW/g



0 dB = 1.41mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_right_ch251_cheek

DUT: Triple-Band GSM 850 / DCS 1800 / PCS1900 (with WAP & GPRS); Type: PG-3810;
Serial: ---

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: Head 900 MHz Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.925 \text{ mho/m}$; $\epsilon_r = 43.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.99, 5.99, 5.99); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PG-3810/Area Scan (91x141x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.943 mW/g

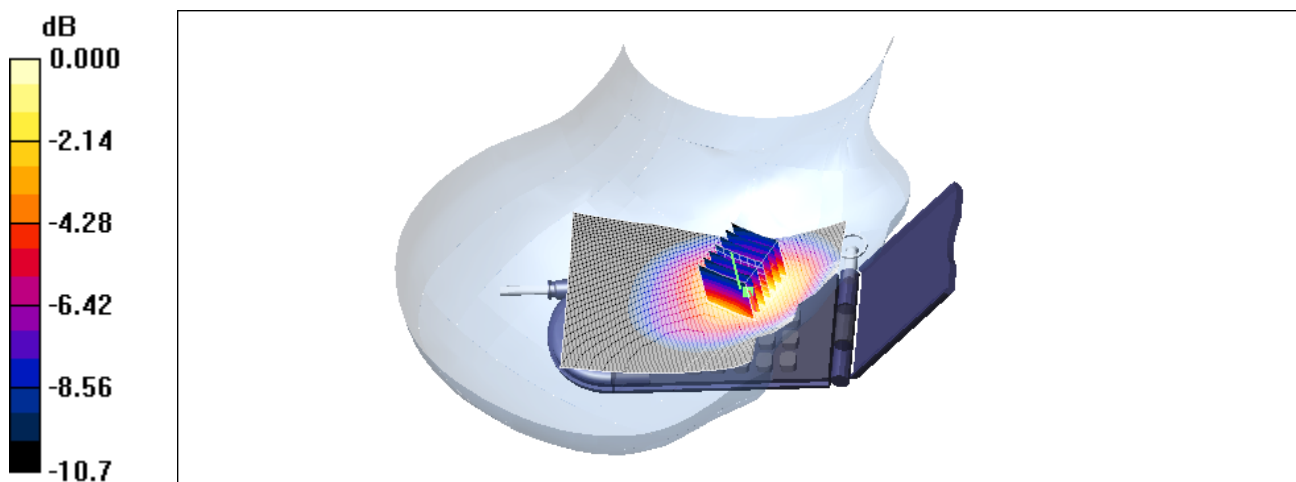
PG-3810/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.36 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.838 mW/g; SAR(10 g) = 0.543 mW/g

Maximum value of SAR (measured) = 0.905 mW/g



0 dB = 0.905mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_flat_back_ch128_dist 2mm

DUT: Triple-Band GSM 850 (E-GSM)/DCS 1800 /PCS1900 (with WAP & GPRS); Type: ---; Serial: PG-3810

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: Muscle 900 MHz Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 55.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.73, 5.73, 5.73); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PG-3810/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.62 mW/g

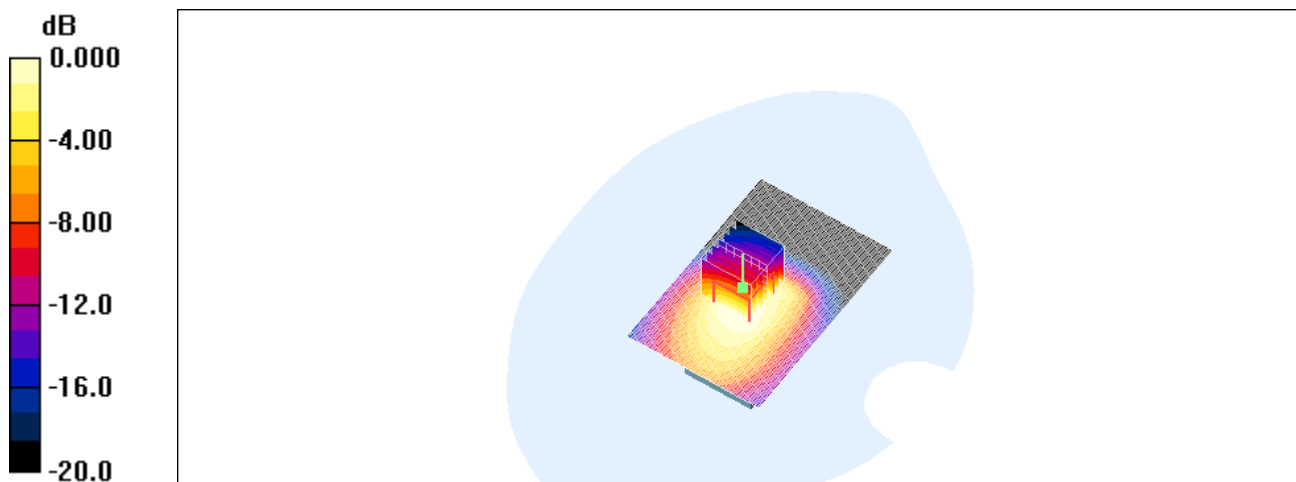
PG-3810/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 38.9 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 4.61 W/kg

SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.793 mW/g

Maximum value of SAR (measured) = 1.48 mW/g



0 dB = 1.48mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_flat_front_ch189_dist 2mm

DUT: Triple-Band GSM 850 (E-GSM)/DCS 1800 /PCS1900 (with WAP & GPRS); Type: ---; Serial: PG-3810

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Muscle 900 MHz Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.73, 5.73, 5.73); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PG-3810/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.486 mW/g

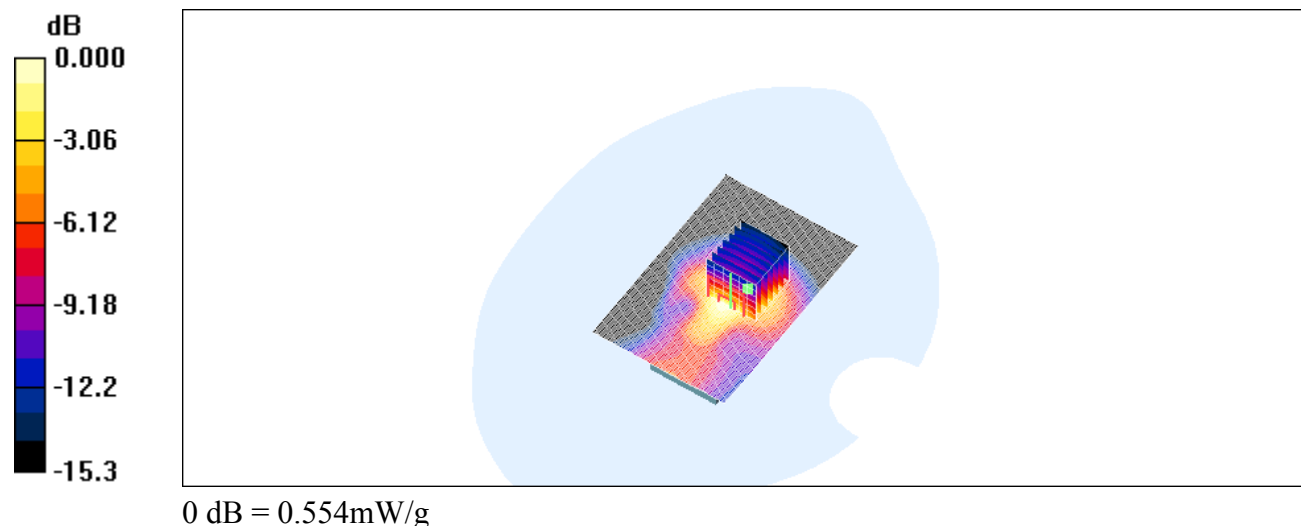
PG-3810/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.5 V/m; Power Drift = 0.046 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.257 mW/g

Maximum value of SAR (measured) = 0.554 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_flat_back_ch189_dist 2mm

DUT: Triple-Band GSM 850 (E-GSM)/DCS 1800 /PCS1900 (with WAP & GPRS); Type: ---; Serial: PG-3810

Communication System: GSM 850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: Muscle 900 MHz Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.972 \text{ mho/m}$; $\epsilon_r = 55.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.73, 5.73, 5.73); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PG-3810/Area Scan (81x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.35 mW/g

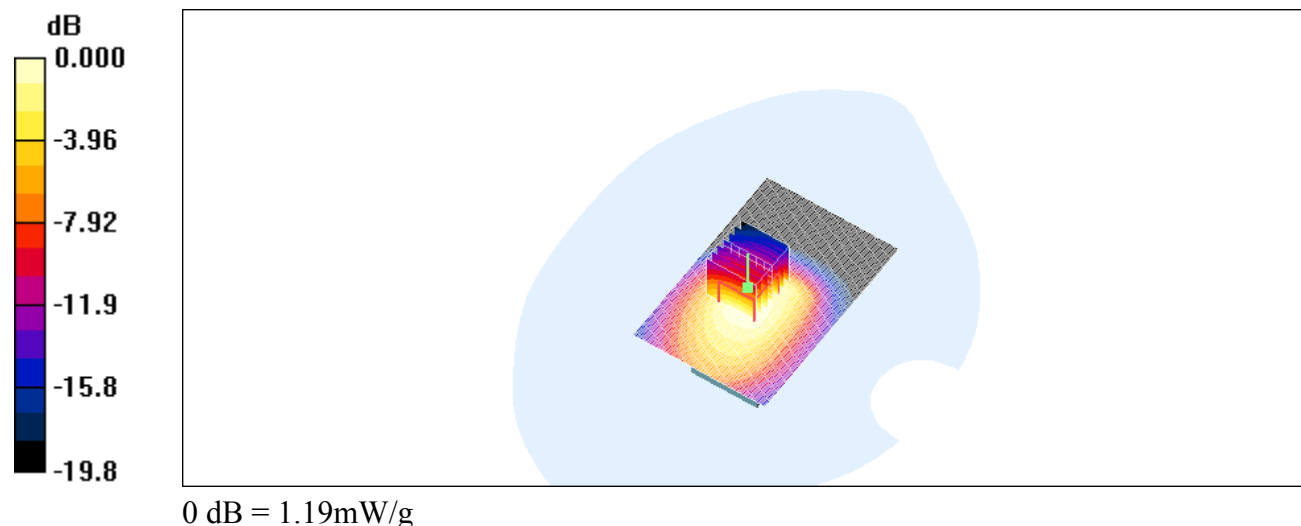
PG-3810/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 34.7 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 3.45 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.641 mW/g

Maximum value of SAR (measured) = 1.19 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_flat_back_ch251_dist 2mm

**DUT: Triple-Band GSM 850 (E-GSM)/DCS 1800 /PCS1900 (with WAP & GPRS); Type: ---;
Serial: PG-3810**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: Muscle 900 MHz Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.981$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.73, 5.73, 5.73); Calibrated: 11/21/2005
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 11/23/2005
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

PG-3810/Area Scan (81x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.19 mW/g

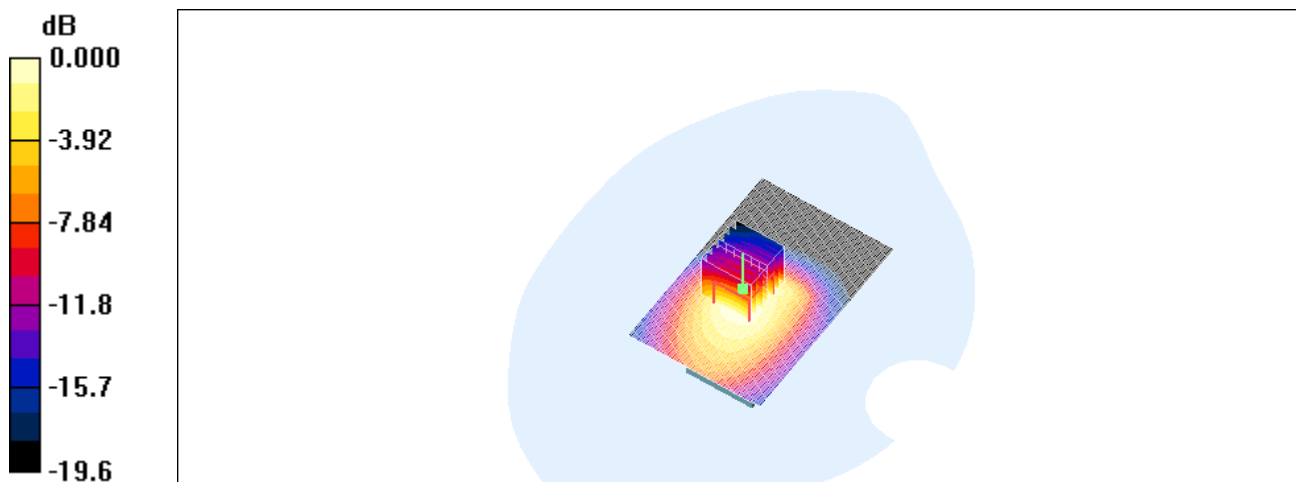
PG-3810/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.3 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 3.28 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.558 mW/g

Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 1.06mW/g