Date/Time: 05/12/04 20:33:30

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

1900_right_ch661_cheek

DUT: Dual Band GSM 850 (E-GSM) / PCS 1900 (with WAP & GPRS); Type: ---; Serial: GB310

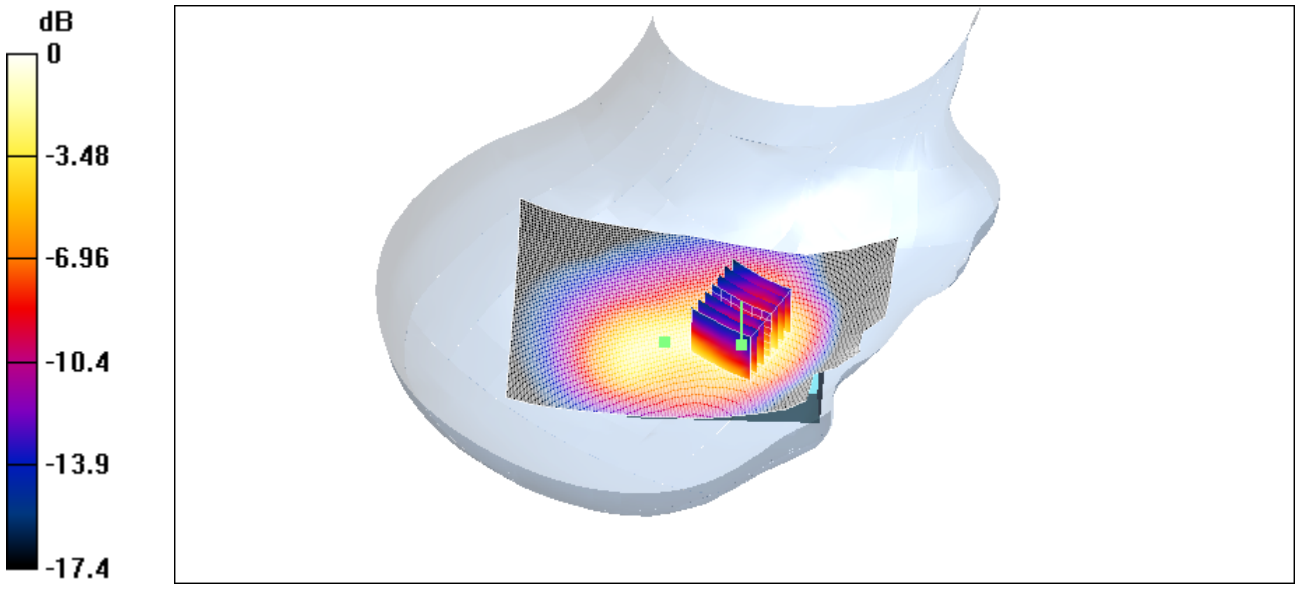
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: Head 1900 MHz Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

GB310/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 14.6 V/m; Power Drift = -0.009 dB
Maximum value of SAR (interpolated) = 0.545 mW/g

GB310/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.6 V/m; Power Drift = -0.009 dB
Maximum value of SAR (measured) = 0.608 mW/g
Peak SAR (extrapolated) = 0.845 W/kg
SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.292 mW/g



0 dB = 0.608mW/g

Date/Time: 05/12/04 21:18:52

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

1900_right_ch661_tilted

DUT: Dual Band GSM 850 (E-GSM) / PCS 1900 (with WAP & GPRS); Type: ---; Serial: GB310

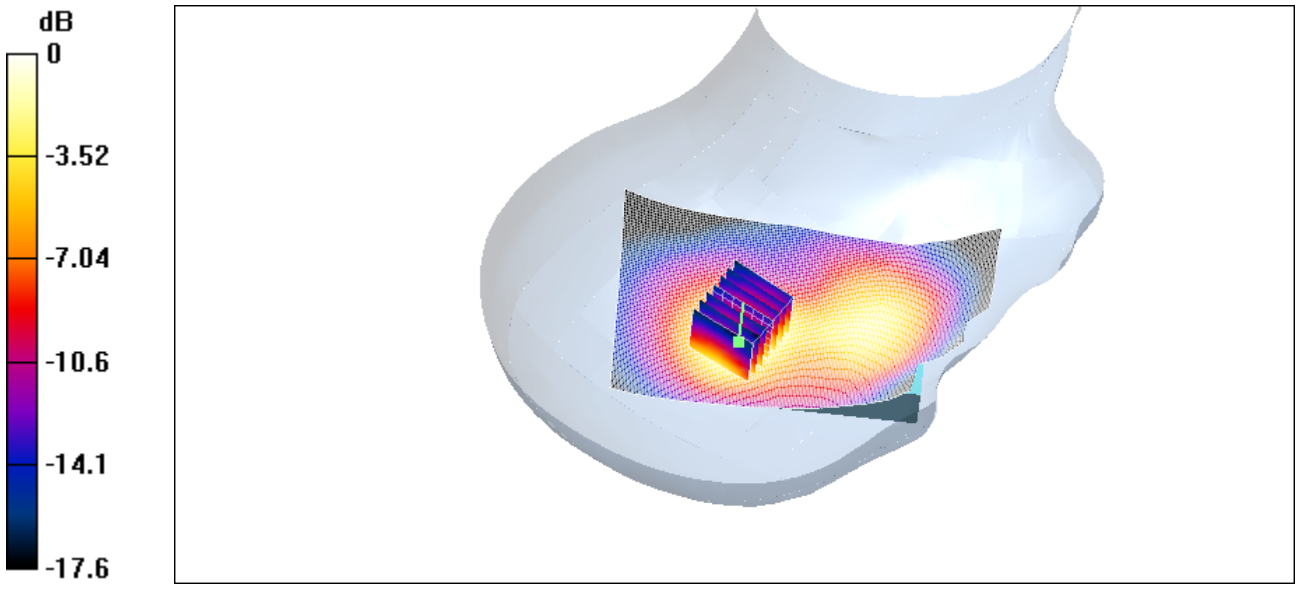
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: Head 1900 MHz Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

GB310/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 15.3 V/m; Power Drift = -0.01 dB
Maximum value of SAR (interpolated) = 0.385 mW/g

GB310/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.3 V/m; Power Drift = -0.01 dB
Maximum value of SAR (measured) = 0.379 mW/g
Peak SAR (extrapolated) = 0.577 W/kg
SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.187 mW/g



0 dB = 0.379mW/g

Date/Time: 05/13/04 14:51:08

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

1900_left_ch512_cheek

DUT: Dual Band GSM 850 (E-GSM) / PCS 1900 (with WAP & GPRS); Type: ---; Serial: GB310

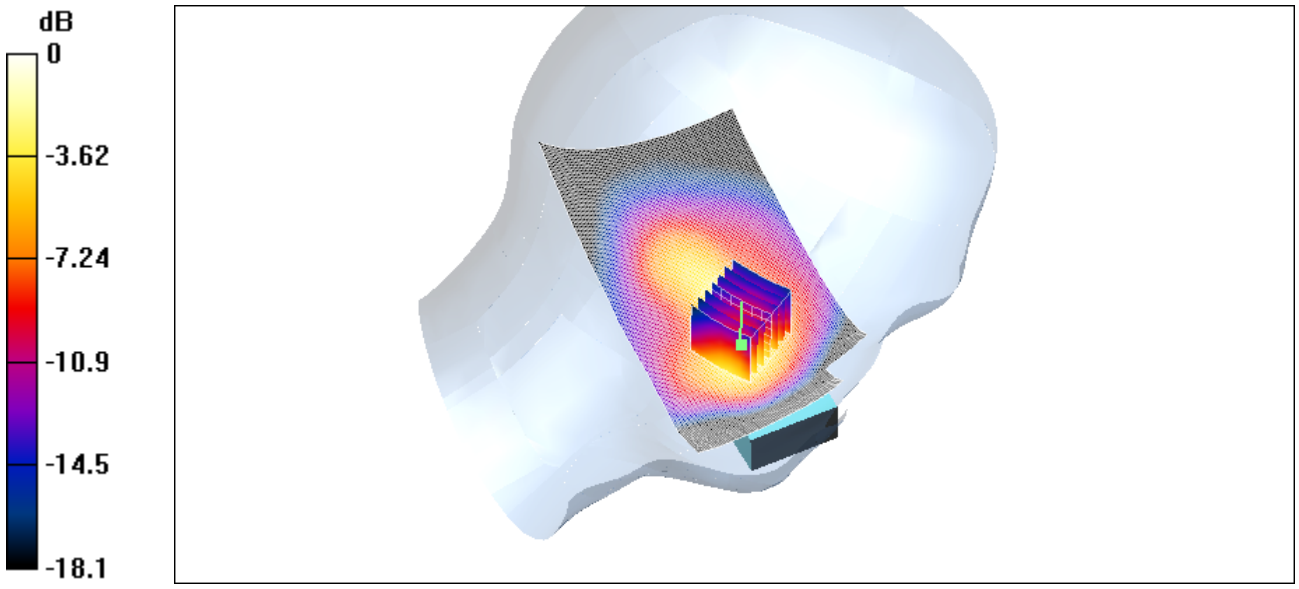
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: Head 1900 MHz Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.37 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

GB310/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 16.4 V/m; Power Drift = -0.1 dB
Maximum value of SAR (interpolated) = 0.751 mW/g

GB310/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.4 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 0.835 mW/g
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.373 mW/g



0 dB = 0.835mW/g

Date/Time: 05/12/04 18:58:33

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

1900_left_ch661_cheek

DUT: Dual Band GSM 850 (E-GSM) / PCS 1900 (with WAP & GPRS); Type: ---; Serial: GB310

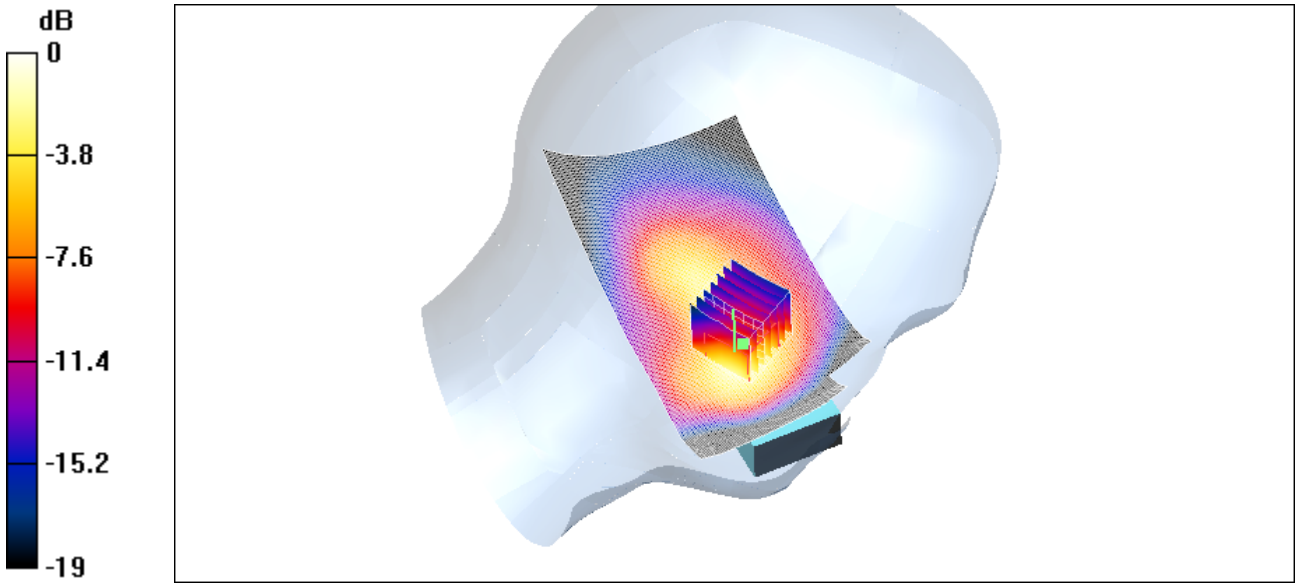
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: Head 1900 MHz Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

GB310/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 14.8 V/m; Power Drift = -0.1 dB
Maximum value of SAR (interpolated) = 0.619 mW/g

GB310/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.8 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 0.645 mW/g
Peak SAR (extrapolated) = 0.908 W/kg
SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.305 mW/g



0 dB = 0.645mW/g

Date/Time: 05/12/04 19:43:34

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

1900_left_ch661_tilted

DUT: Dual Band GSM 850 (E-GSM) / PCS 1900 (with WAP & GPRS); Type: ---; Serial: GB310

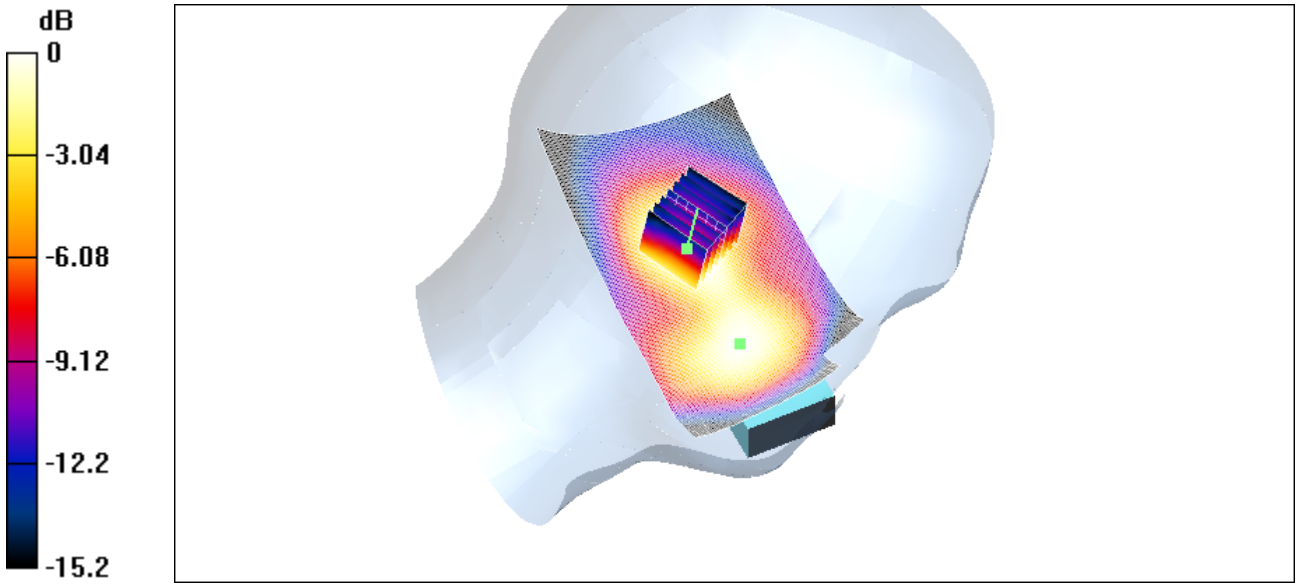
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: Head 1900 MHz Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

GB310/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 15.1 V/m; Power Drift = 0.0 dB
Maximum value of SAR (interpolated) = 0.298 mW/g

GB310/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.1 V/m; Power Drift = 0.0 dB
Maximum value of SAR (measured) = 0.296 mW/g
Peak SAR (extrapolated) = 0.417 W/kg
SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.148 mW/g



0 dB = 0.222mW/g

Date/Time: 05/13/04 15:49:32

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

1900_left_ch810_cheek

DUT: Dual Band GSM 850 (E-GSM) / PCS 1900 (with WAP & GPRS); Type: ---; Serial: GB310

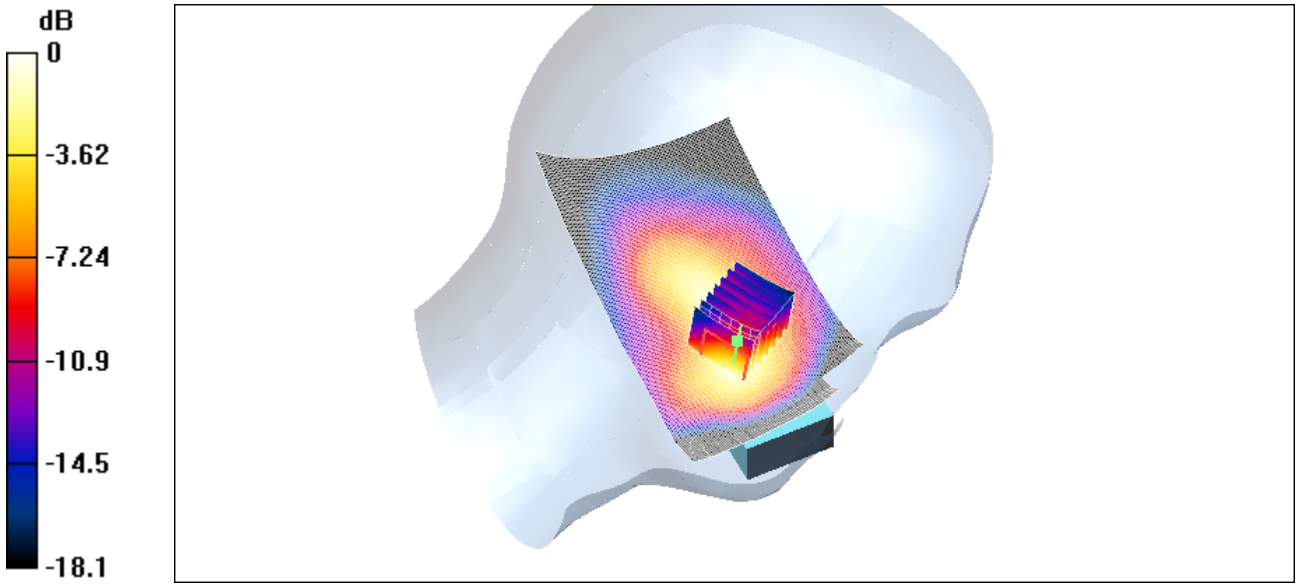
Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: Head 1900 MHz Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.43 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.2, 5.2, 5.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

GB310/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 15.8 V/m; Power Drift = -0.0 dB
Maximum value of SAR (interpolated) = 0.606 mW/g

GB310/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.8 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 0.639 mW/g
Peak SAR (extrapolated) = 0.910 W/kg
SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.304 mW/g



0 dB = 0.639mW/g

Date/Time: 05/11/04 17:21:09

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

1900_flat_ch512_back

DUT: Dual Band GSM 850 (E-GSM) / PCS 1900 (with WAP & GPRS); Type: ---; Serial: GB310

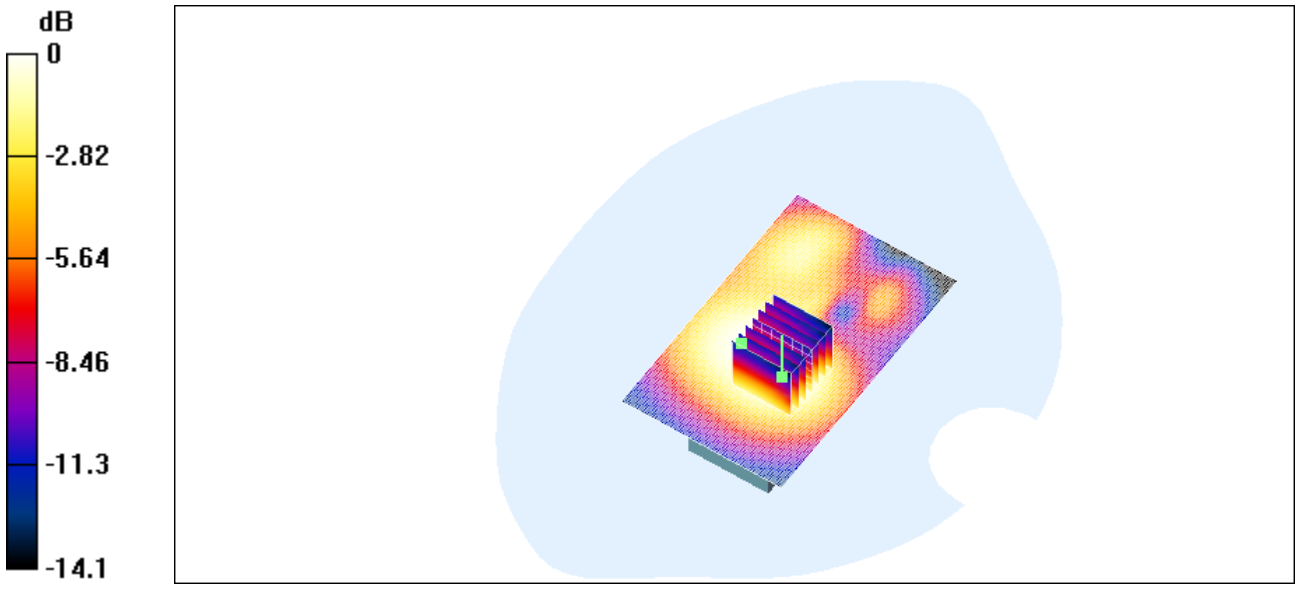
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: Muscle 1900 MHz Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.52 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.6, 4.6, 4.6); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

GB310/Area Scan (131x81x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 8.87 V/m; Power Drift = 0.0 dB
Maximum value of SAR (interpolated) = 0.170 mW/g

GB310/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.87 V/m; Power Drift = 0.0 dB
Maximum value of SAR (measured) = 0.170 mW/g
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.099 mW/g



0 dB = 0.157mW/g

Date/Time: 05/11/04 16:01:21

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

1900_flat_ch661_front

DUT: Dual Band GSM 850 (E-GSM) / PCS 1900 (with WAP & GPRS); Type: ---; Serial: GB310

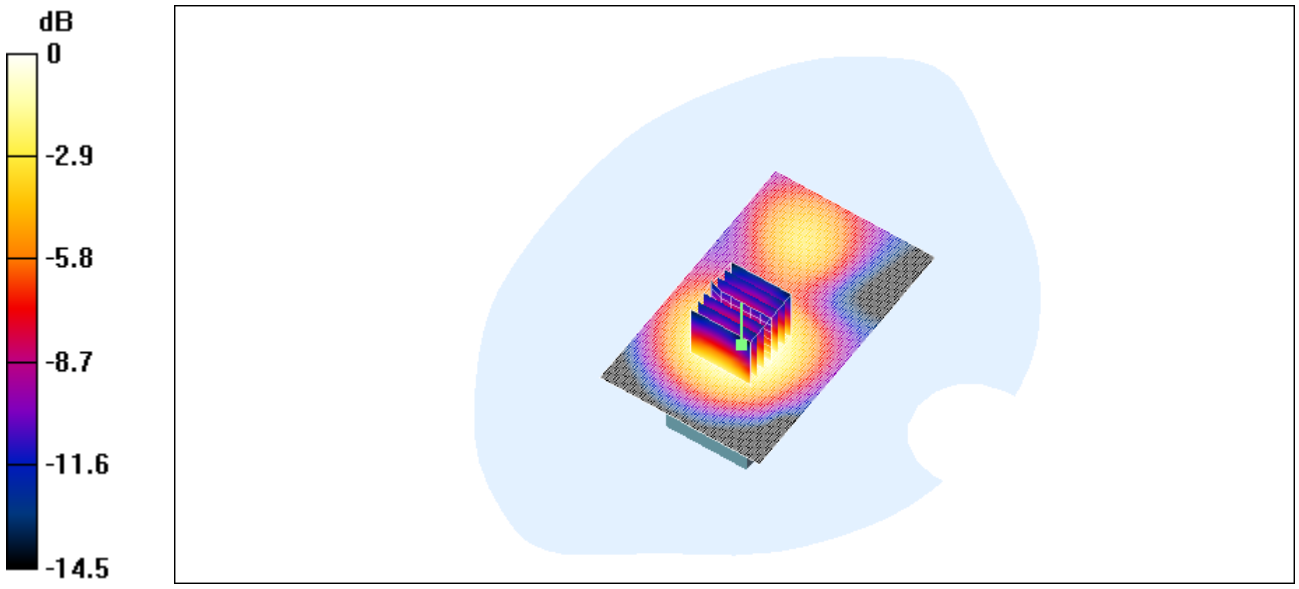
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: Muscle 1900 MHz Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.6, 4.6, 4.6); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

GB310/Area Scan (131x81x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 7.71 V/m; Power Drift = -0.1 dB
Maximum value of SAR (interpolated) = 0.135 mW/g

GB310/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.71 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 0.134 mW/g
Peak SAR (extrapolated) = 0.191 W/kg
SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.077 mW/g



0 dB = 0.134mW/g

Date/Time: 05/11/04 16:41:26

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

1900_flat_ch661_back

DUT: Dual Band GSM 850 (E-GSM) / PCS 1900 (with WAP & GPRS); Type: ---; Serial: GB310

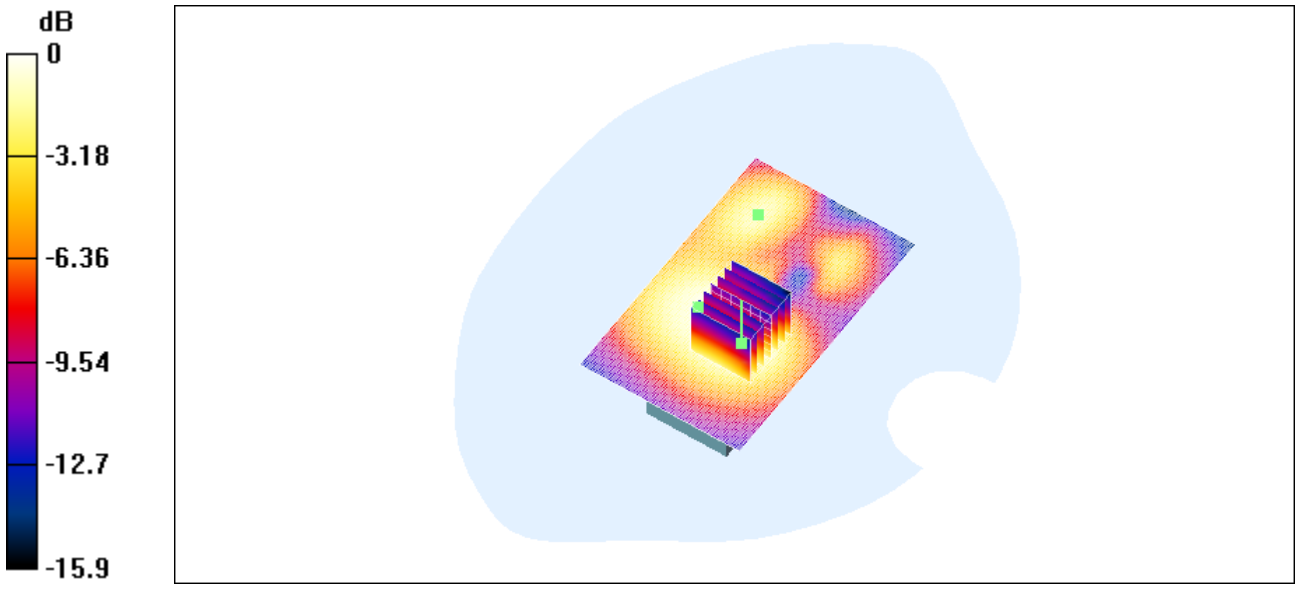
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: Muscle 1900 MHz Medium parameters used: f = 1880 MHz; σ = 1.55 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.6, 4.6, 4.6); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

GB310/Area Scan (131x81x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 7.52 V/m; Power Drift = -0.005 dB
Maximum value of SAR (interpolated) = 0.146 mW/g

GB310/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.52 V/m; Power Drift = -0.005 dB
Maximum value of SAR (measured) = 0.144 mW/g
Peak SAR (extrapolated) = 0.210 W/kg
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.081 mW/g



0 dB = 0.144mW/g

Date/Time: 05/11/04 18:29:58

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

1900_flat_ch810_back

DUT: Dual Band GSM 850 (E-GSM) / PCS 1900 (with WAP & GPRS); Type: ---; Serial: GB310

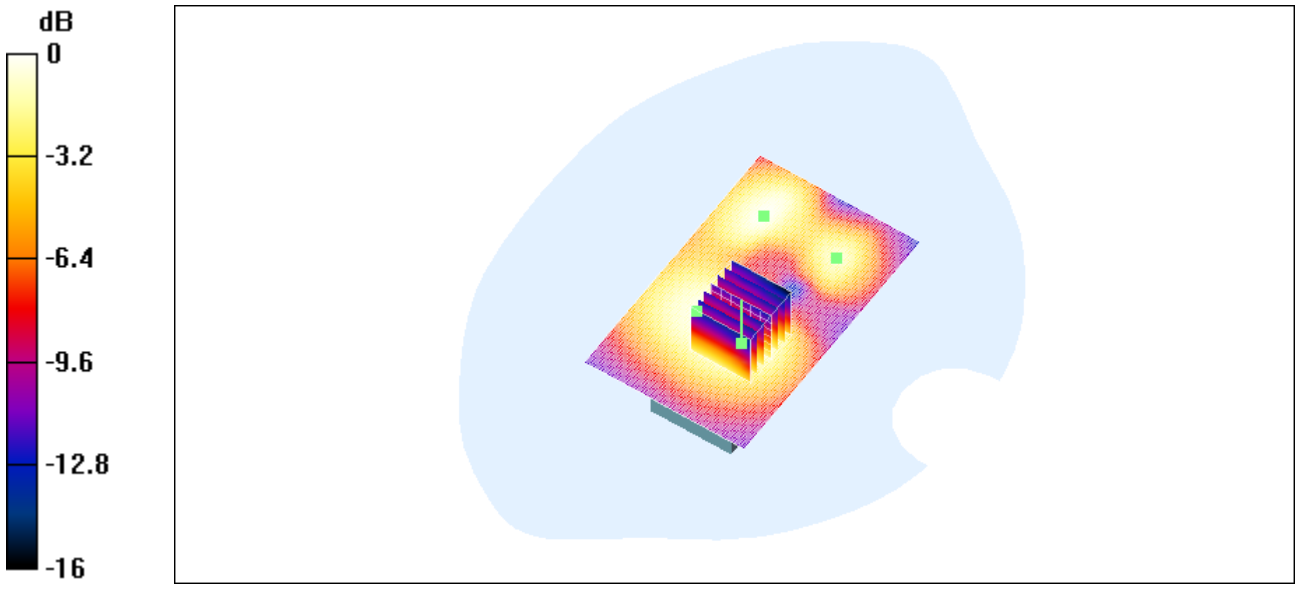
Communication System: GSM 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: Muscle 1900 MHz Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.59 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(4.6, 4.6, 4.6); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

GB310/Area Scan (131x81x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 6.75 V/m; Power Drift = -0.0 dB
Maximum value of SAR (interpolated) = 0.151 mW/g

GB310/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.75 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 0.147 mW/g
Peak SAR (extrapolated) = 0.219 W/kg
SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.082 mW/g



0 dB = 0.147mW/g

Date/Time: 05/13/04 19:54:40

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

Z-axis scan

DUT: Dual Band GSM 850 (E-GSM) / PCS 1900 (with WAP & GPRS); Type: ---; Serial: GB310

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: Head 850 MHz Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.892 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6.2, 6.2, 6.2); Calibrated: 12/16/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn522; Calibrated: 1/12/2004
- Phantom: SAM 12; Type: TP-1217; Serial: QD000P40CA
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

GB310/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 26 V/m; Power Drift = -0.1 dB
Maximum value of SAR (interpolated) = 0.973 mW/g

GB310/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26 V/m; Power Drift = -0.1 dB
Maximum value of SAR (measured) = 0.923 mW/g
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.595 mW/g