Appendix B

Measurement Plots

Date/Time: 07/27/04 07:08:00

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

Dipol Valid.900(h)_250mW_27.07.2004

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

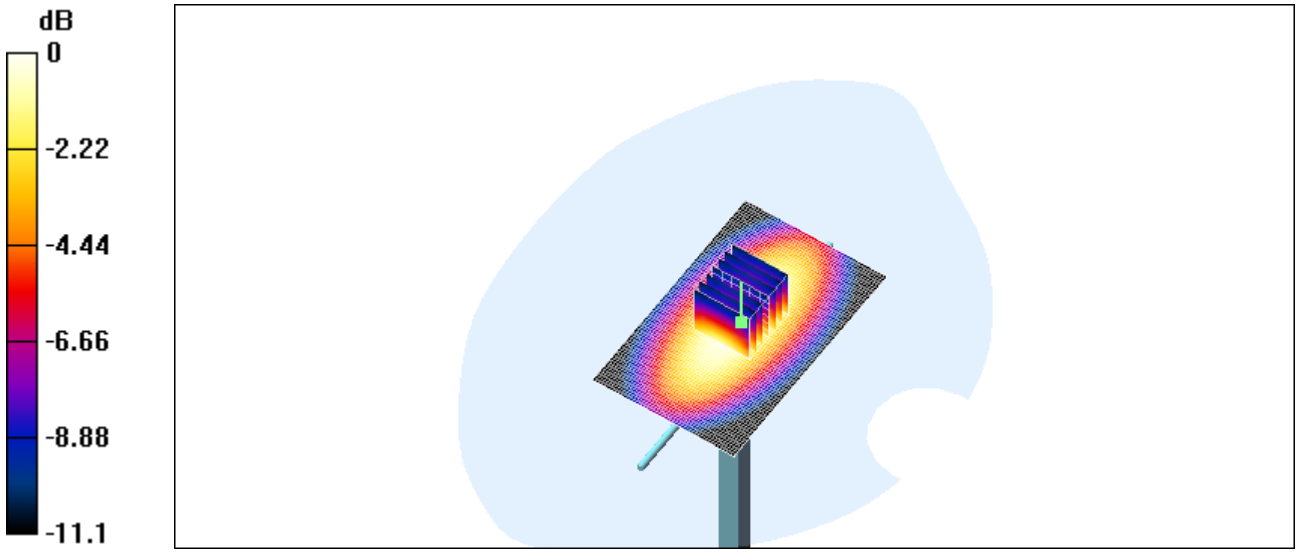
Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: Head 900 MHz Medium parameters used: f = 900 MHz; σ = 0.972 mho/m; ε_r = 43.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

Dipol 900 (250mW)/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 58.2 V/m; Power Drift = -0.0 dB
Maximum value of SAR (interpolated) = 2.99 mW/g

Dipol 900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 58.2 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 2.93 mW/g
Peak SAR (extrapolated) = 4.06 W/kg
SAR(1 g) = 2.7 mW/g; SAR(10 g) = 1.73 mW/g



0 dB = 2.93mW/g

Date/Time: 07/28/04 07:03:43

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

Dipol Valid.900(h)_250mW_28_07_2004

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

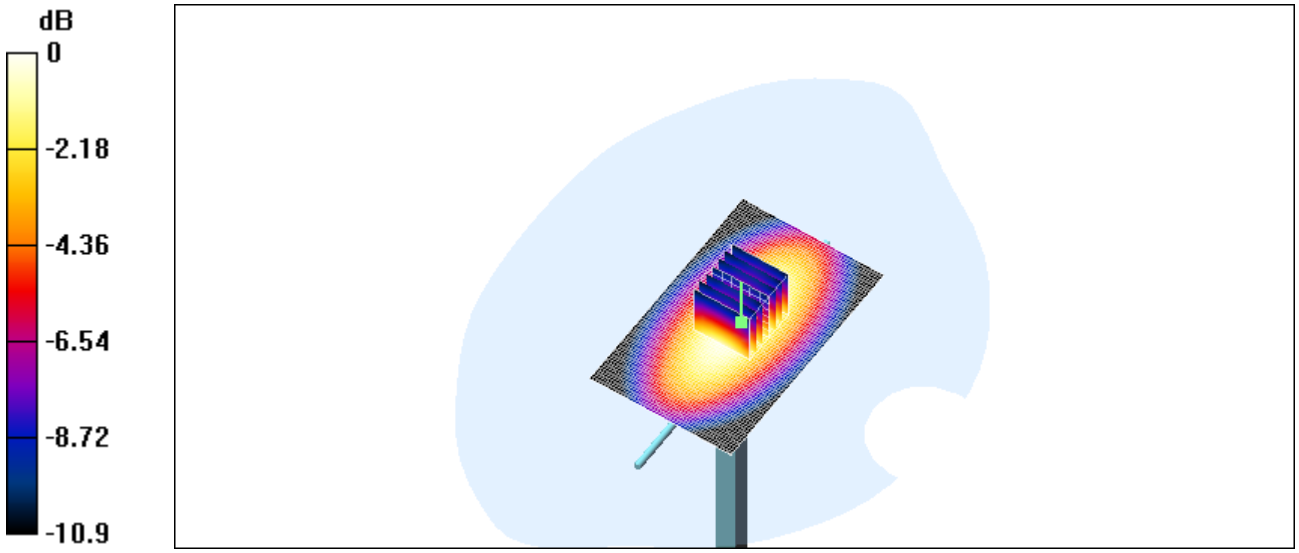
Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: Head 900 MHz Medium parameters used: f = 900 MHz; σ = 0.972 mho/m; ε_r = 43.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

Dipol 900 (250mW)/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 58.1 V/m; Power Drift = -0.0 dB
Maximum value of SAR (interpolated) = 2.71 mW/g

Dipol 900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 58.1 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 2.65 mW/g
Peak SAR (extrapolated) = 3.49 W/kg
SAR(1 g) = 2.44 mW/g; SAR(10 g) = 1.59 mW/g



0 dB = 2.65mW/g

Date/Time: 07/29/04 07:08:58

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

Dipol Valid.900(m)_250mW_29.07.2004

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

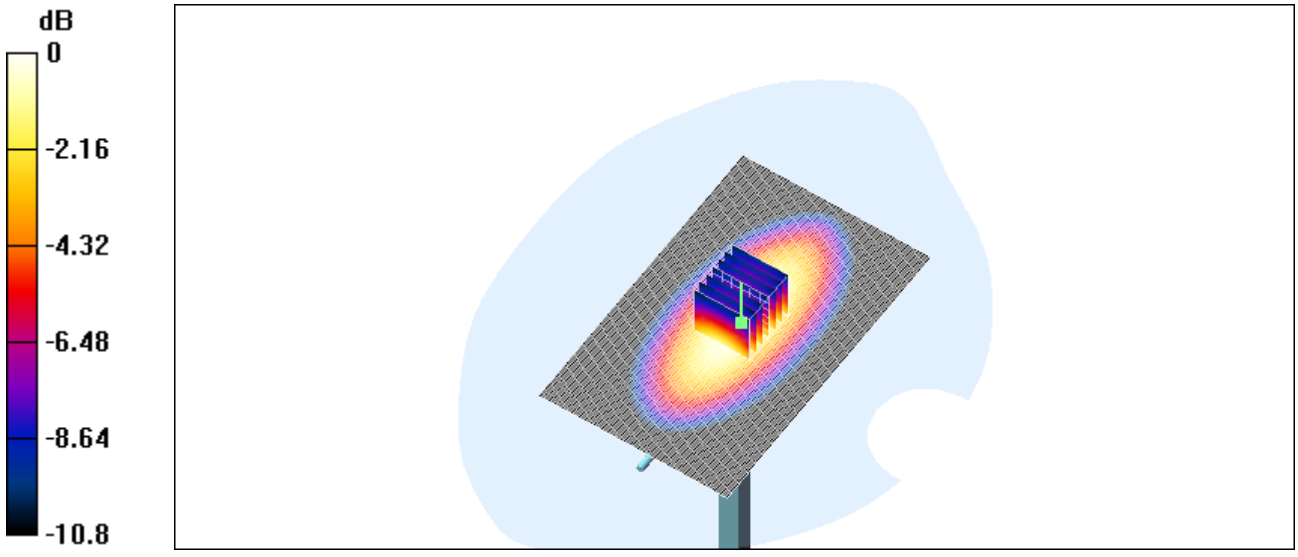
Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: f = 900 MHz; σ = 1.04 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6, 6, 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

Dipol 900 (250mW)/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 55 V/m; Power Drift = -0.0 dB
Maximum value of SAR (interpolated) = 2.9 mW/g

Dipol 900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 2.85 mW/g
Peak SAR (extrapolated) = 3.9 W/kg
SAR(1 g) = 2.62 mW/g; SAR(10 g) = 1.68 mW/g



0 dB = 2.85mW/g

Date/Time: 07/28/04 08:52:21

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

Dipol Valid.1900(h)_250mW_28.07.2004

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

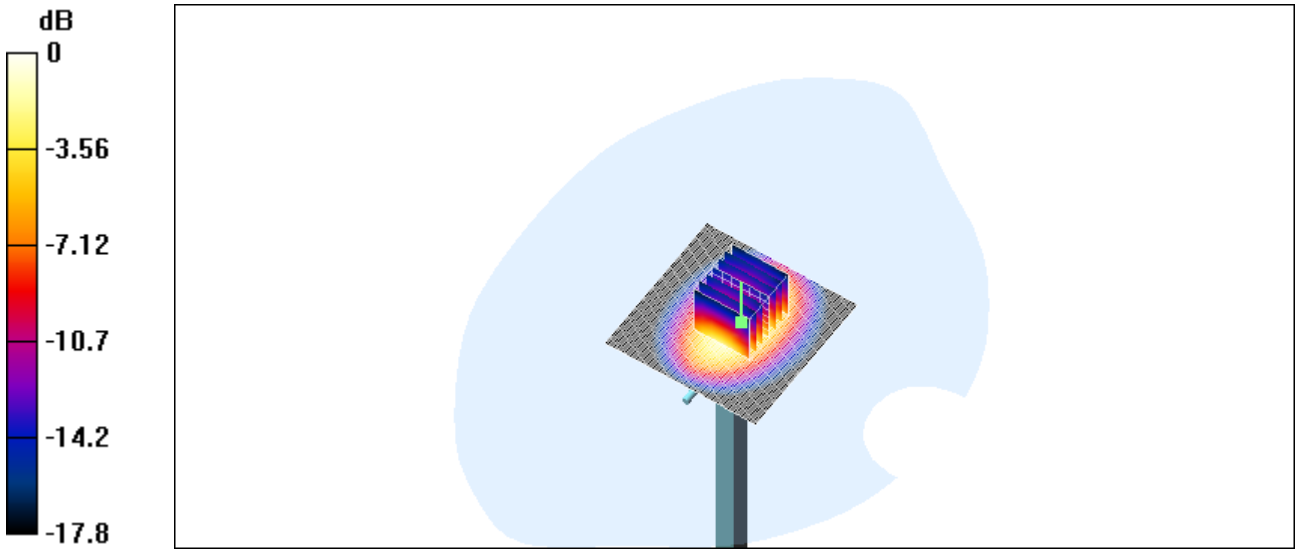
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: Head 1900 MHz Medium parameters used (interpolated): f = 1900 MHz; σ = 1.42 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

Dipol 1900 (250mW)/Area Scan (81x81x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 90.9 V/m; Power Drift = -0.0 dB
Maximum value of SAR (interpolated) = 11.4 mW/g

Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 90.9 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 11.2 mW/g
Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 9.91 mW/g; SAR(10 g) = 5.14 mW/g



0 dB = 11.2mW/g

Date/Time: 07/28/04 13:32:17

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

Dipol Valid.1900(m)_250mW_28.07.2004

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

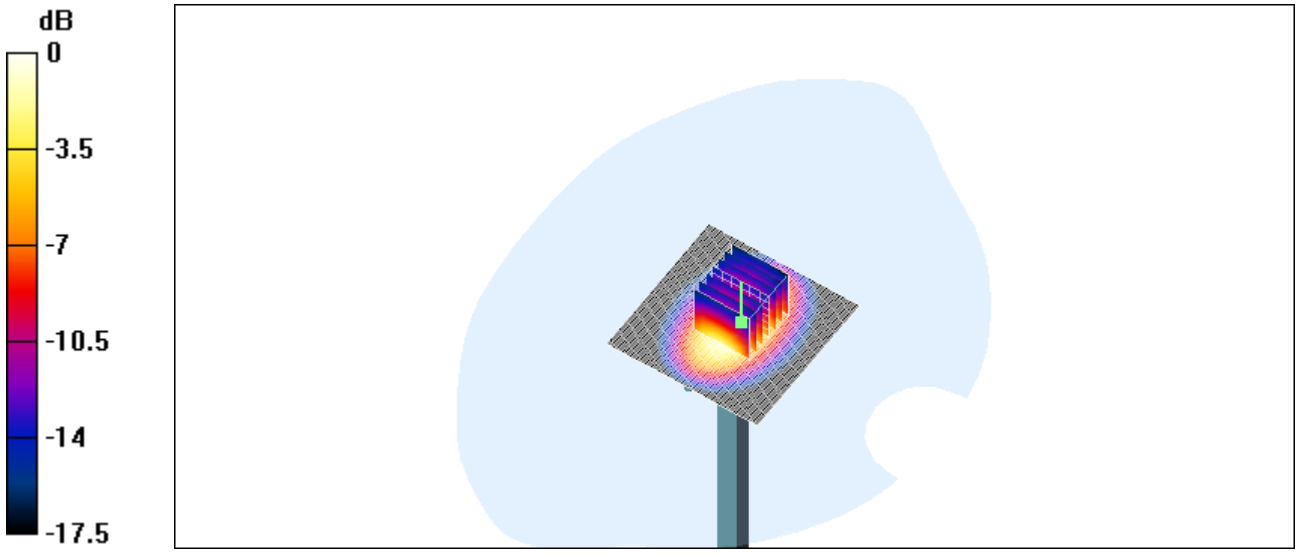
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: Muscle 1900 MHz Medium parameters used: f = 1900 MHz; σ = 1.58 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

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

Dipol 1900 (250mW)/Area Scan (81x81x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 94.8 V/m; Power Drift = -0.0 dB
Maximum value of SAR (interpolated) = 12.4 mW/g

Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 94.8 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 12.2 mW/g
Peak SAR (extrapolated) = 18.6 W/kg
SAR(1 g) = 10.7 mW/g; SAR(10 g) = 5.56 mW/g



0 dB = 12.2mW/g

Date/Time: 07/27/04 14:19:43

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_left_ch189_cheek

DUT: GPRS Dual-Band(GSM850/PCS1900)Handset Phase II+; Type: ---; Serial: EB-X100U

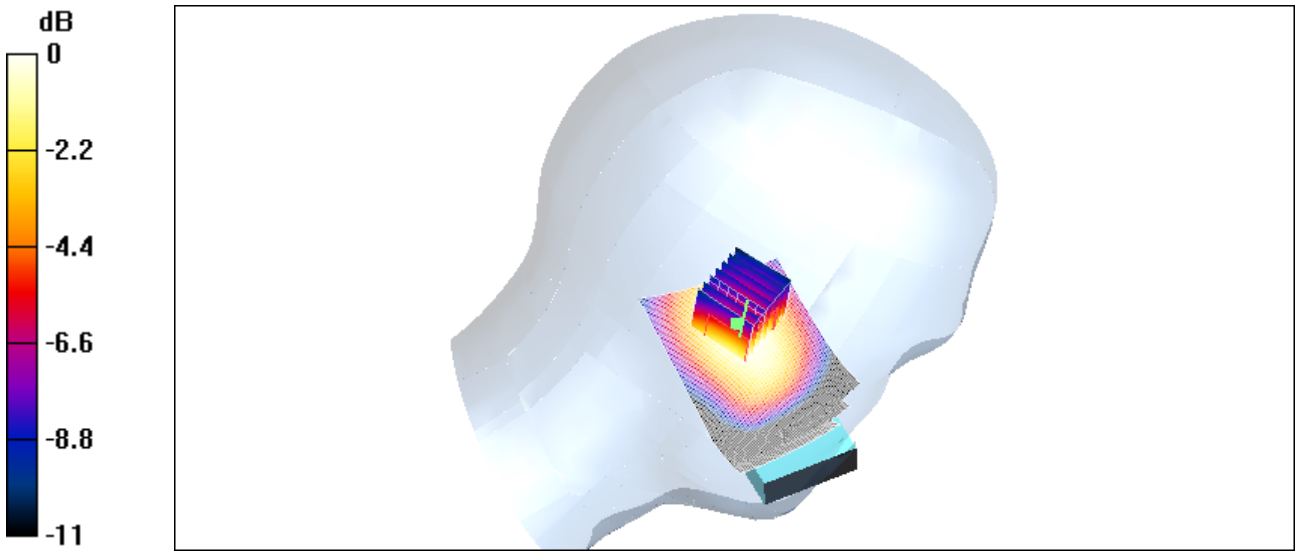
Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Head 850 MHz Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.883 mho/m; ε_r = 42.3; ρ = 1000 kg/m^3
Phantom section: Left Section

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

EB_X100U/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 20.3 V/m; Power Drift = 0.0 dB
Maximum value of SAR (interpolated) = 0.448 mW/g

EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.3 V/m; Power Drift = 0.0 dB
Maximum value of SAR (measured) = 0.451 mW/g
Peak SAR (extrapolated) = 0.553 W/kg
SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.289 mW/g



0 dB = 0.451mW/g

Date/Time: 07/27/04 14:49:08

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_left_ch189_tilted

DUT: GPRS Dual-Band(GSM850/PCS1900)Handset Phase II+; Type: ---; Serial: EB-X100U

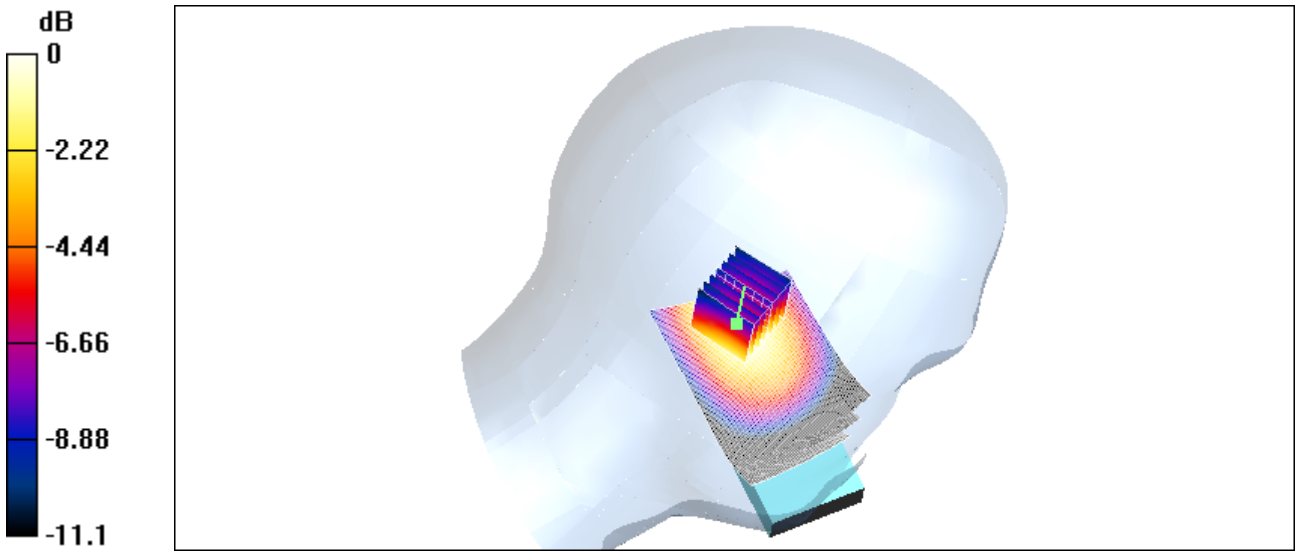
Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Head 850 MHz Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.883 mho/m; ε_r = 42.3; ρ = 1000 kg/m^3
Phantom section: Left Section

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

EB_X100U/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 17.9 V/m; Power Drift = 0.0 dB
Maximum value of SAR (interpolated) = 0.269 mW/g

EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.9 V/m; Power Drift = 0.0 dB
Maximum value of SAR (measured) = 0.276 mW/g
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.171 mW/g



0 dB = 0.276mW/g

Date/Time: 07/27/04 13:15:33

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_right_ch189_cheek

DUT: GPRS Dual-Band(GSM850/PCS1900)Handset Phase II+; Type: ---; Serial: EB-X100U

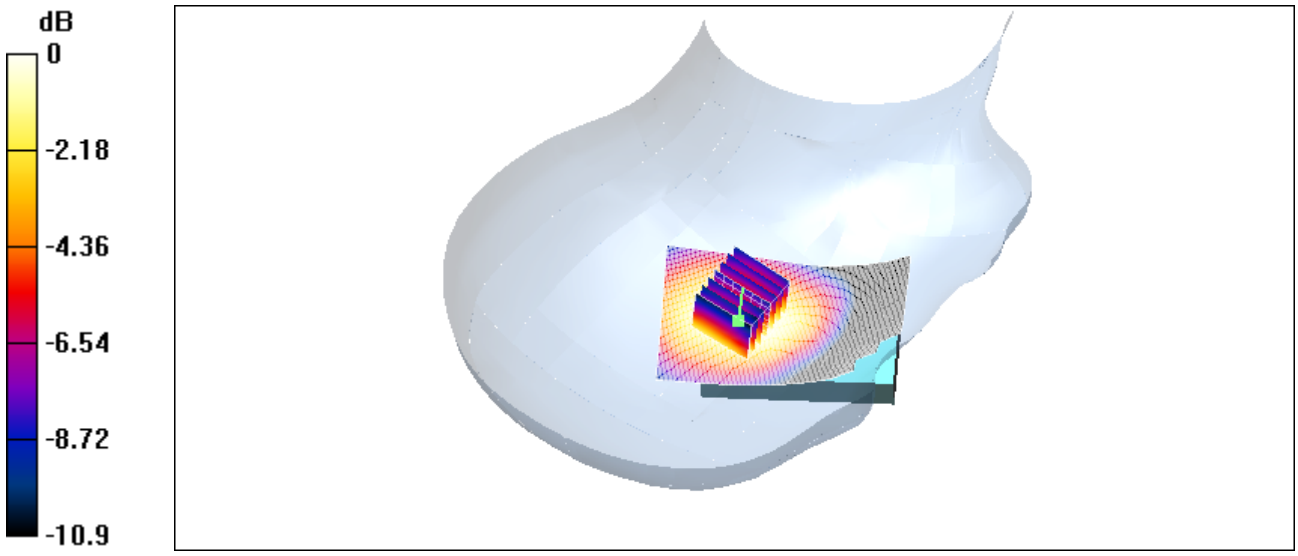
Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Head 850 MHz Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.883 mho/m; ε_r = 42.3; ρ = 1000 kg/m^3
Phantom section: Right Section

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

EB_X100U/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 19.7 V/m; Power Drift = 0.0 dB
Maximum value of SAR (interpolated) = 0.475 mW/g

EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.7 V/m; Power Drift = 0.0 dB
Maximum value of SAR (measured) = 0.478 mW/g
Peak SAR (extrapolated) = 0.637 W/kg
SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.306 mW/g



0 dB = 0.478mW/g

Date/Time: 07/27/04 13:53:22

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_right_ch189_tilted

DUT: GPRS Dual-Band(GSM850/PCS1900)Handset Phase II+; Type: ---; Serial: EB-X100U

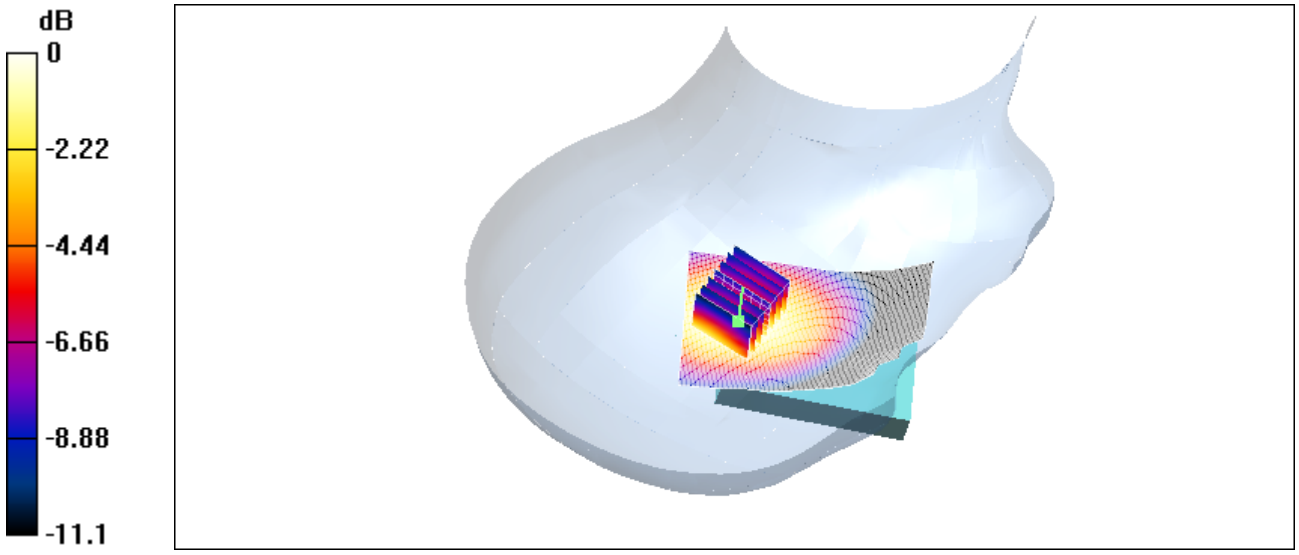
Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Head 850 MHz Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.883 mho/m; ε_r = 42.3; ρ = 1000 kg/m^3
Phantom section: Right Section

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

EB_X100U/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 18.1 V/m; Power Drift = 0.007 dB
Maximum value of SAR (interpolated) = 0.292 mW/g

EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.1 V/m; Power Drift = 0.007 dB
Maximum value of SAR (measured) = 0.293 mW/g
Peak SAR (extrapolated) = 0.381 W/kg
SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.182 mW/g



0 dB = 0.293mW/g

Date/Time: 07/28/04 07:37:33

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_right_ch128_cheek

DUT: GPRS Dual-Band(GSM850/PCS1900)Handset Phase II+; Type: ---; Serial: EB-X100U

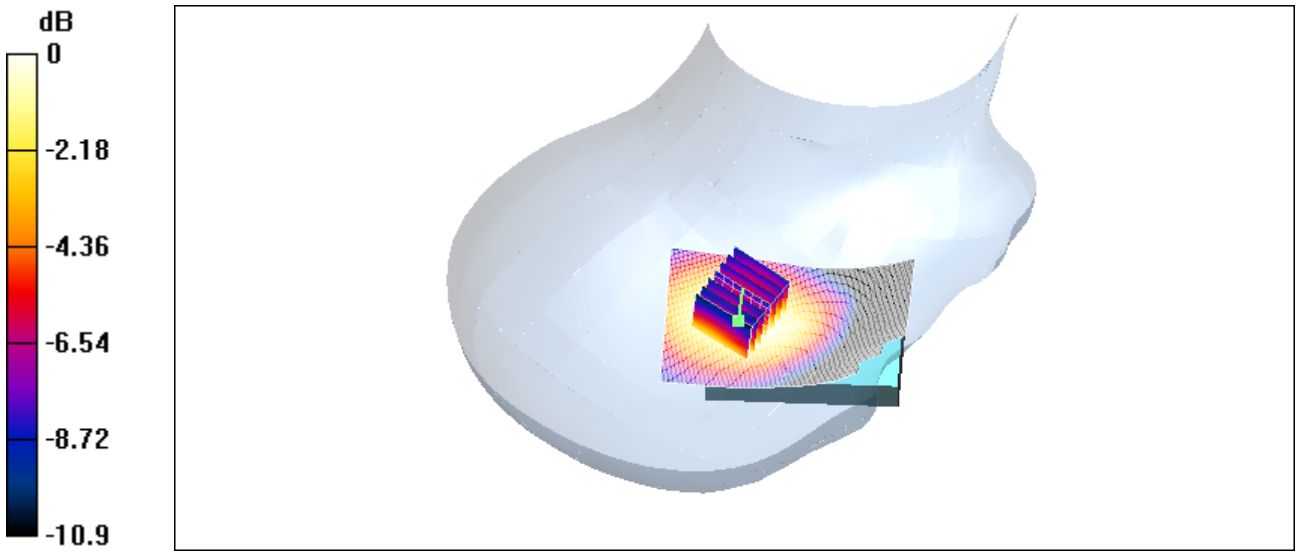
Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: Head 850 MHz Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.892 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Right Section

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

EB_X100U/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 23.7 V/m; Power Drift = -0.0 dB
Maximum value of SAR (interpolated) = 0.668 mW/g

EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.7 V/m; Power Drift = -0.0 dB
Maximum value of SAR (measured) = 0.669 mW/g
Peak SAR (extrapolated) = 0.847 W/kg
SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.428 mW/g



0 dB = 0.669mW/g

Date/Time: 07/27/04 15:13:24

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_right_ch251_cheek

DUT: GPRS Dual-Band(GSM850/PCS1900)Handset Phase II+; Type: ---; Serial: EB-X100U

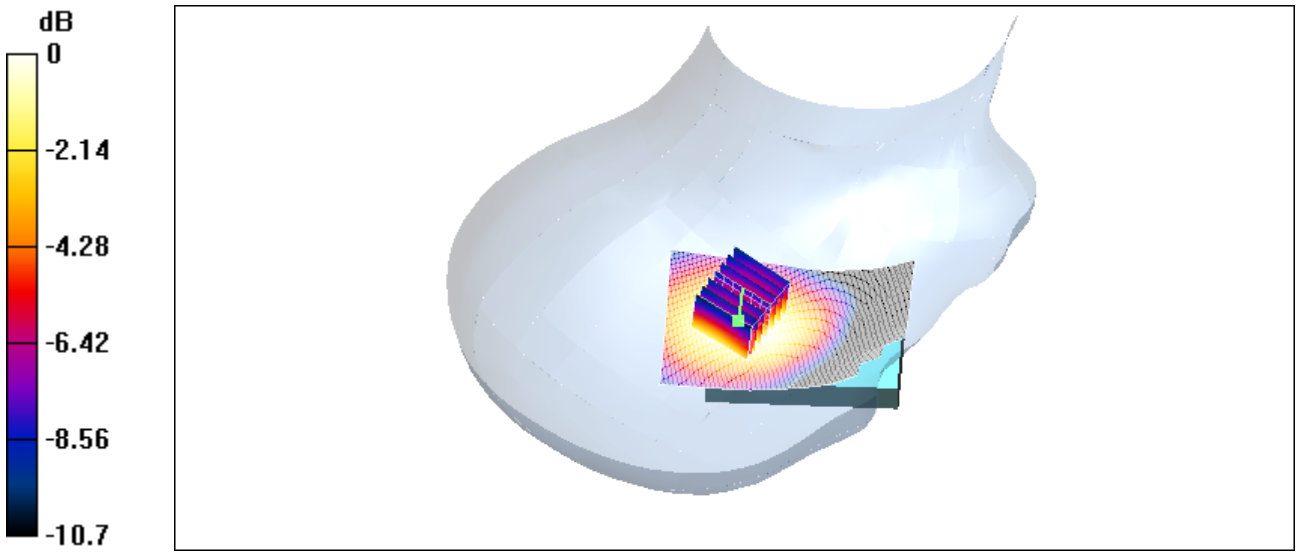
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: Head 850 MHz Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.927 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3
Phantom section: Right Section

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

EB_X100U/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 17.6 V/m; Power Drift = 0.007 dB
Maximum value of SAR (interpolated) = 0.393 mW/g

EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.6 V/m; Power Drift = 0.007 dB
Maximum value of SAR (measured) = 0.399 mW/g
Peak SAR (extrapolated) = 0.510 W/kg
SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.256 mW/g



0 dB = 0.399mW/g

Date/Time: 07/29/04 07:47:04

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_flat_ch189_front

DUT: GPRS Dual-Band(GSM850/PCS1900)Handset Phase II+; Type: ---; Serial: EB-X100U

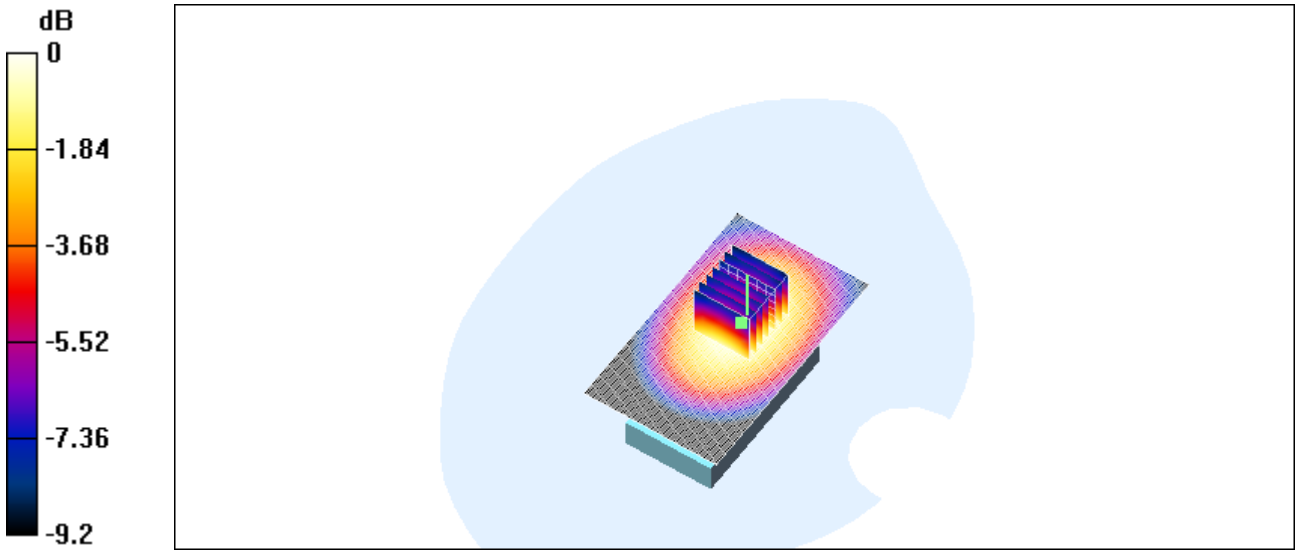
Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Muscle 850 MHz Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.975 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6, 6, 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

EB_X100U/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 12.4 V/m; Power Drift = 0.0 dB
Maximum value of SAR (interpolated) = 0.164 mW/g

EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = 0.0 dB
Maximum value of SAR (measured) = 0.162 mW/g
Peak SAR (extrapolated) = 0.198 W/kg
SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.108 mW/g



0 dB = 0.162mW/g

Date/Time: 07/29/04 08:21:06

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_flat_ch189_back

DUT: GPRS Dual-Band(GSM850/PCS1900)Handset Phase II+; Type: ---; Serial: EB-X100U

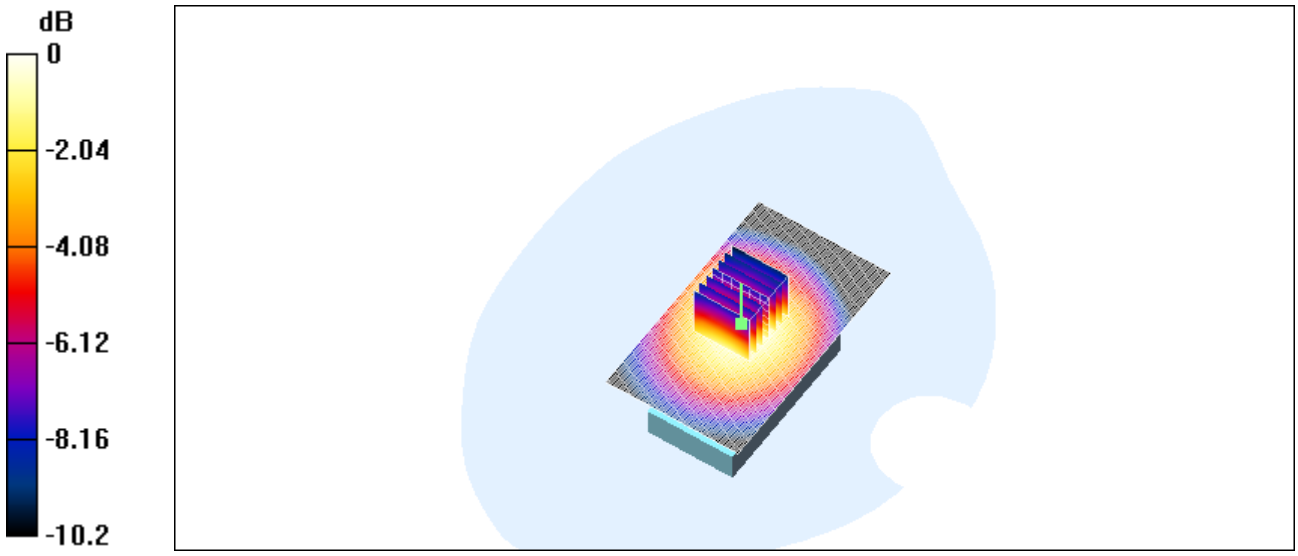
Communication System: GSM 850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Muscle 850 MHz Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.975 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6, 6, 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

EB_X100U/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 17.6 V/m; Power Drift = 0.0 dB
Maximum value of SAR (interpolated) = 0.291 mW/g

EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.6 V/m; Power Drift = 0.0 dB
Maximum value of SAR (measured) = 0.295 mW/g
Peak SAR (extrapolated) = 0.372 W/kg
SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.189 mW/g



0 dB = 0.295mW/g

Date/Time: 07/29/04 08:45:46

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_flat_ch128_back

DUT: GPRS Dual-Band(GSM850/PCS1900)Handset Phase II+; Type: ---; Serial: EB-X100U

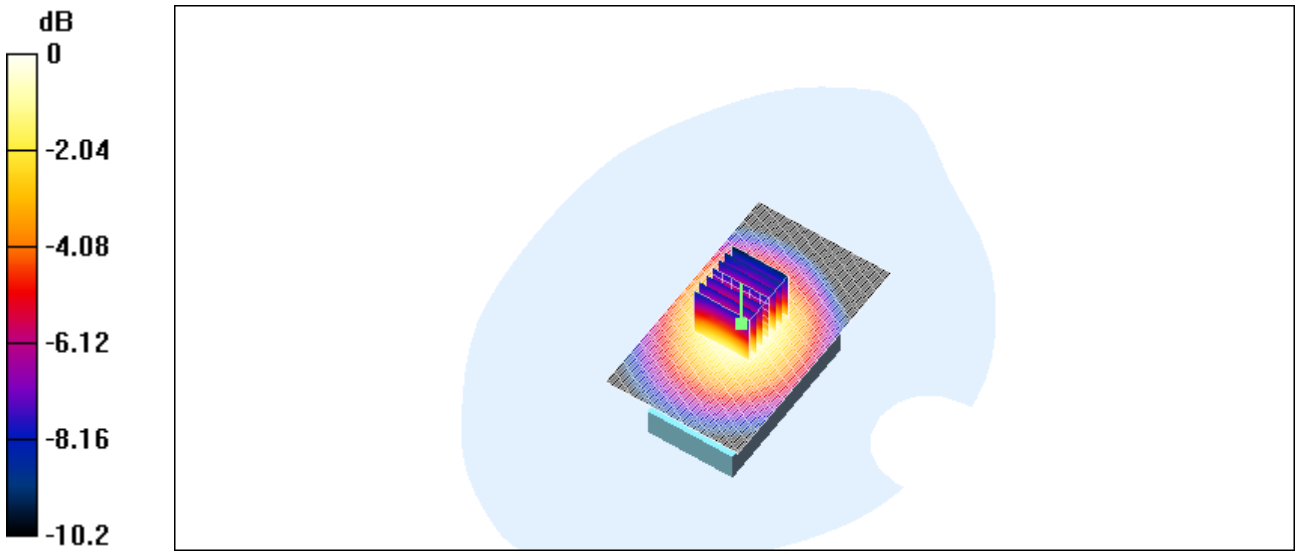
Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: Muscle 850 MHz Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.966 mho/m; ε_r = 55.1; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6, 6, 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

EB_X100U/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 21.2 V/m; Power Drift = 0.0 dB
Maximum value of SAR (interpolated) = 0.409 mW/g

EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.2 V/m; Power Drift = 0.0 dB
Maximum value of SAR (measured) = 0.416 mW/g
Peak SAR (extrapolated) = 0.527 W/kg
SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.269 mW/g



0 dB = 0.416mW/g

Date/Time: 07/29/04 09:25:43

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

850_flat_ch251_back

DUT: GPRS Dual-Band(GSM850/PCS1900)Handset Phase II+; Type: ---; Serial: EB-X100U

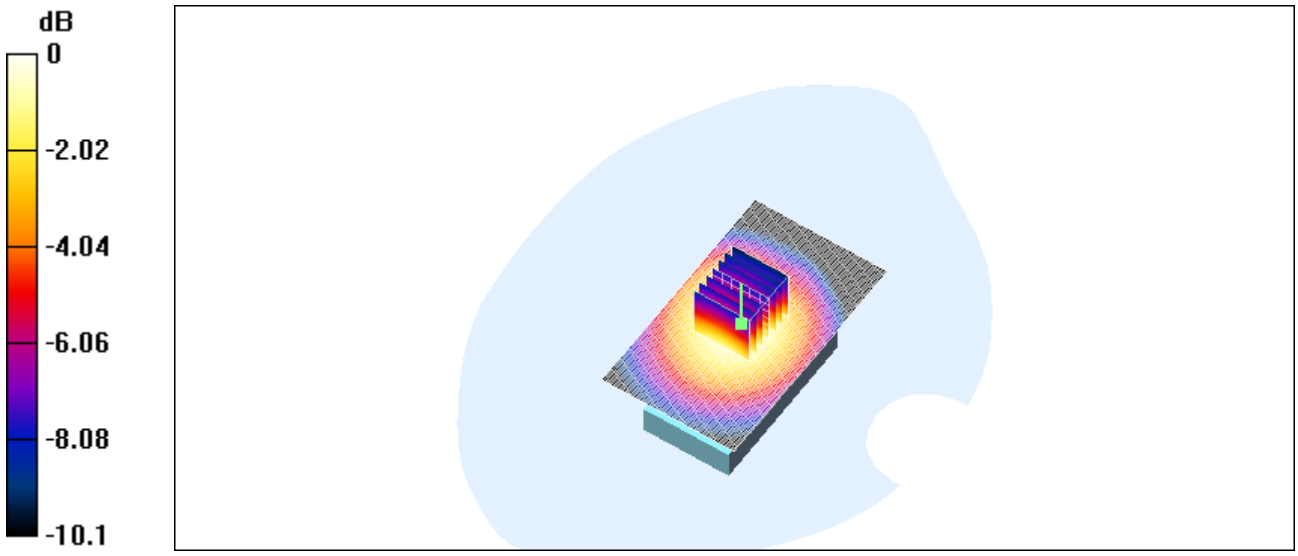
Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: Muscle 850 MHz Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.985 mho/m; ε_r = 55; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(6, 6, 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

EB_X100U/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm
Reference Value = 15.9 V/m; Power Drift = 0.0 dB
Maximum value of SAR (interpolated) = 0.230 mW/g

EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.9 V/m; Power Drift = 0.0 dB
Maximum value of SAR (measured) = 0.237 mW/g
Peak SAR (extrapolated) = 0.297 W/kg
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.155 mW/g



0 dB = 0.237mW/g