

Appendix B

Measurement Plots

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: $f = 900 \text{ MHz}$; $\sigma = 0.972 \text{ mho/m}$; $\epsilon_r = 43.1$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 58.2 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 2.99 mW/g

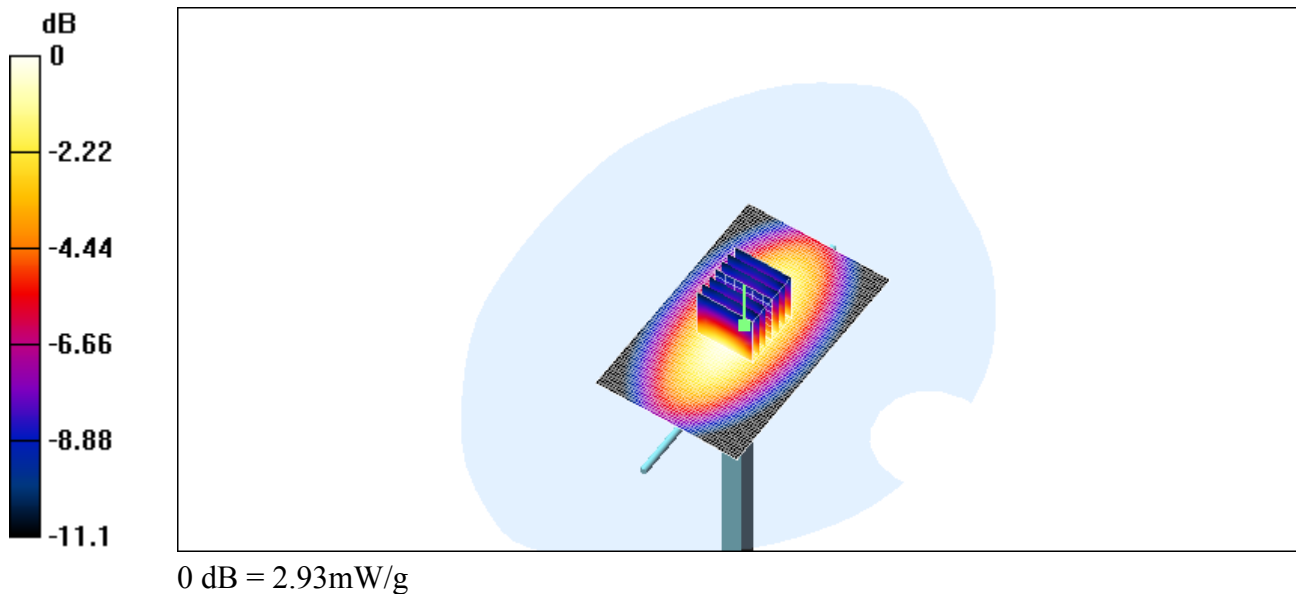
Dipol 900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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



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: $f = 900 \text{ MHz}$; $\sigma = 0.972 \text{ mho/m}$; $\epsilon_r = 43.1$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 58.1 V/m; Power Drift = -0.0 dB

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

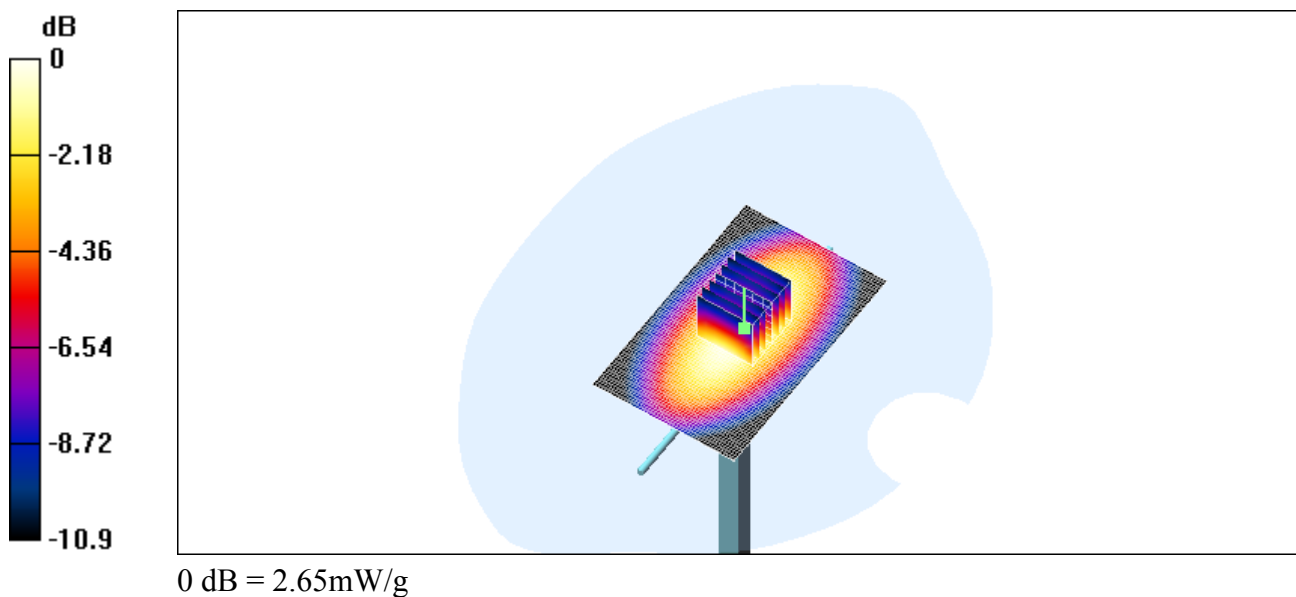
Dipol 900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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



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: $f = 900 \text{ MHz}$; $\sigma = 1.04 \text{ mho/m}$; $\epsilon_r = 54.4$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=10\text{mm}$, $dy=10\text{mm}$

Reference Value = 55 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 2.9 mW/g

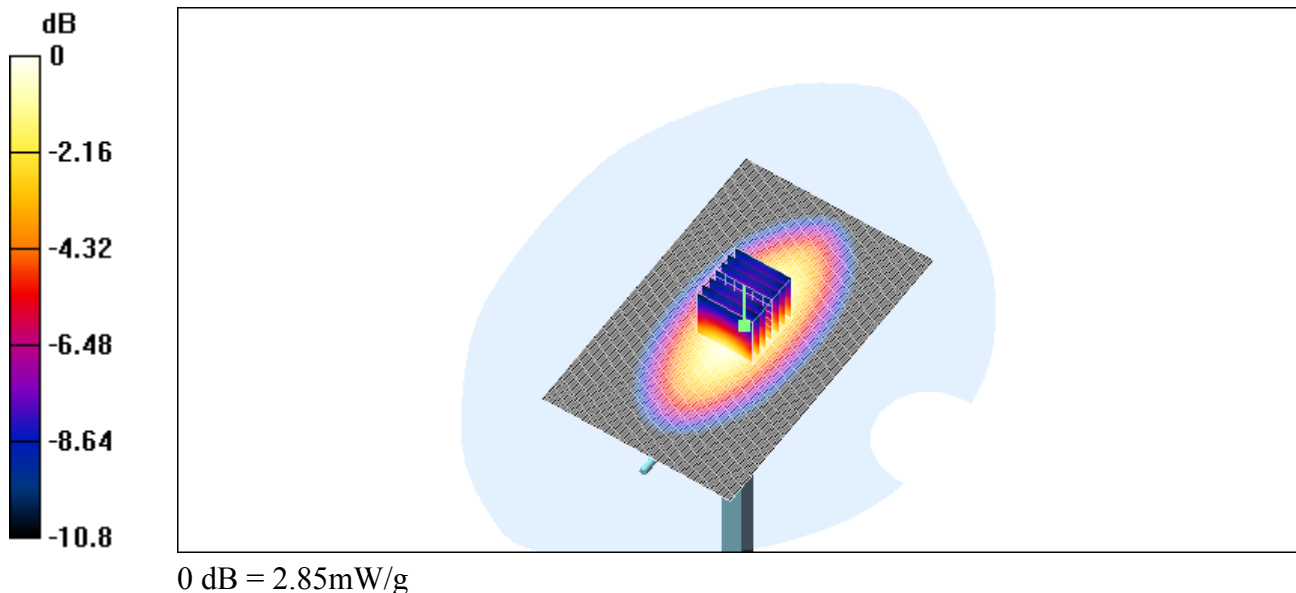
Dipol 900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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



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; $\sigma = 1.42$ mho/m;
 $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

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

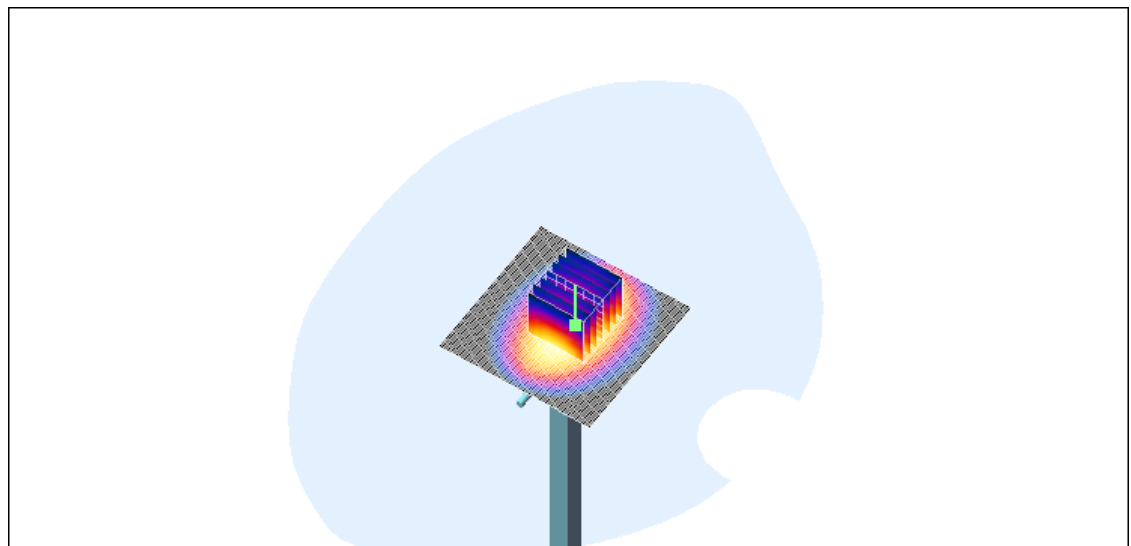
Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

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: $f = 1900 \text{ MHz}$; $\sigma = 1.58 \text{ mho/m}$; $\epsilon_r = 51.9$; $\rho = 1000 \text{ kg/m}^3$

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: $dx=10\text{mm}$, $dy=10\text{mm}$

Reference Value = 94.8 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 12.4 mW/g

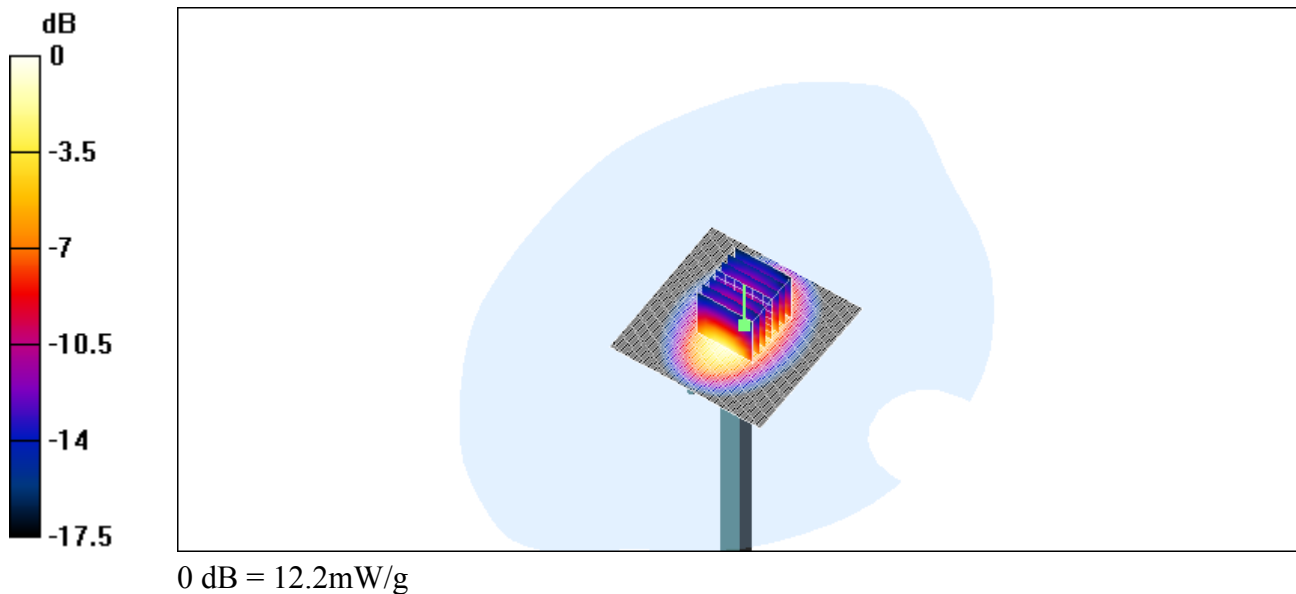
Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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



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; $\sigma = 0.883$ mho/m;

$\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

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

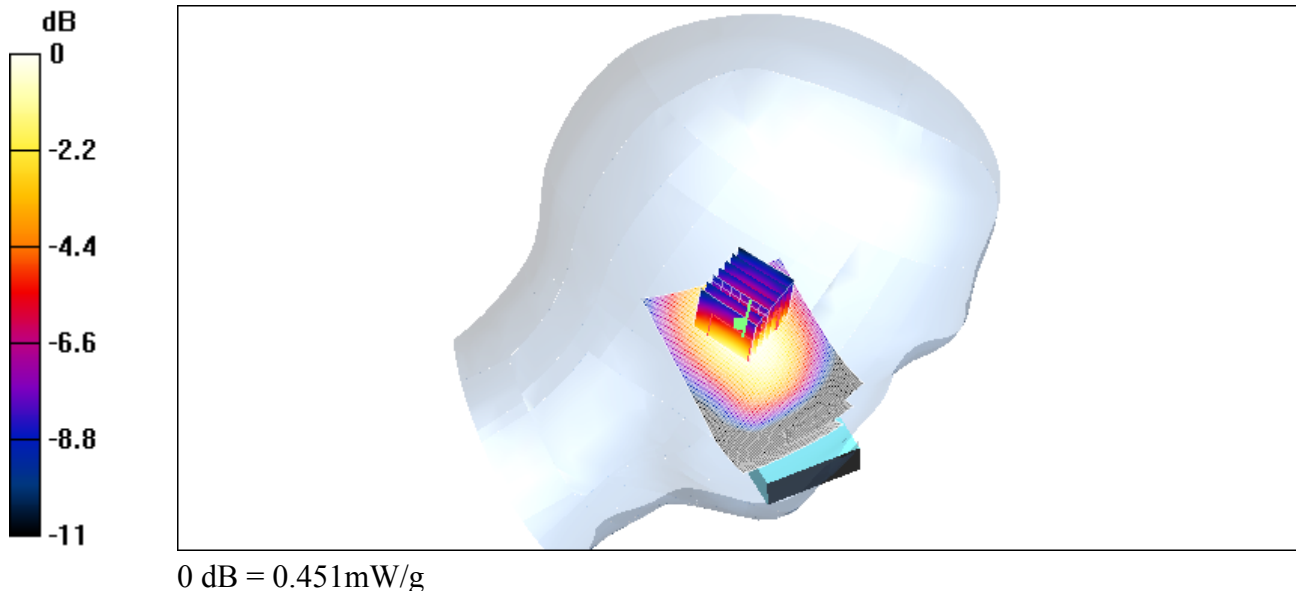
EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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; $\sigma = 0.883$ mho/m;

$\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

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

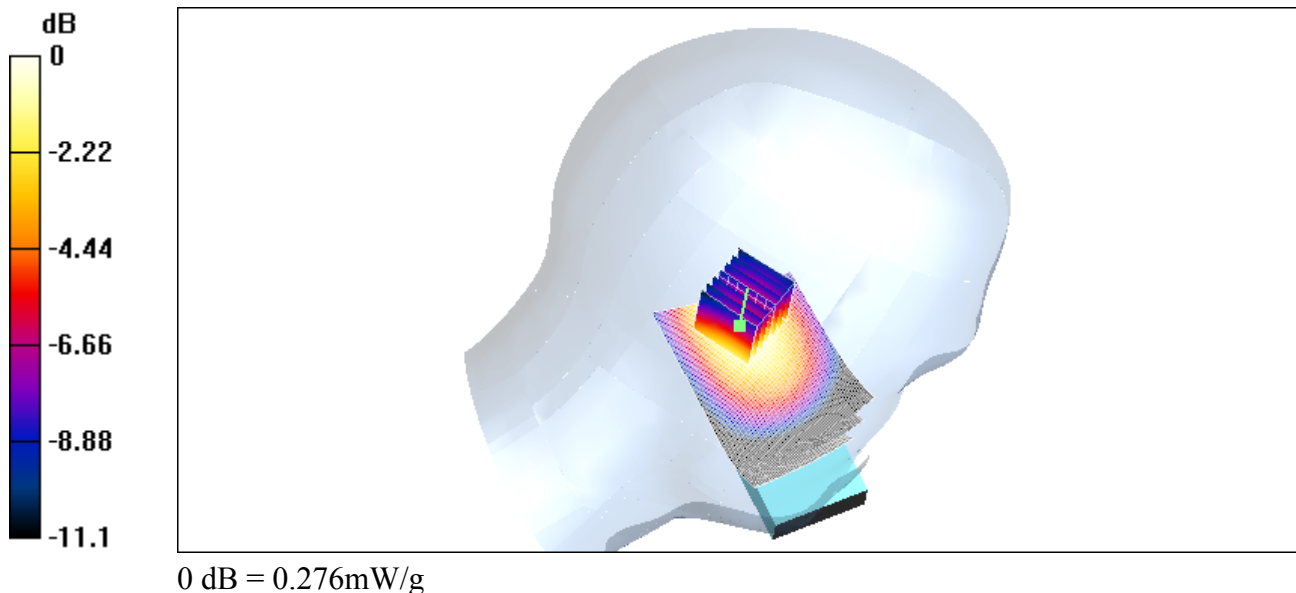
EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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; $\sigma = 0.883$ mho/m;

$\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

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

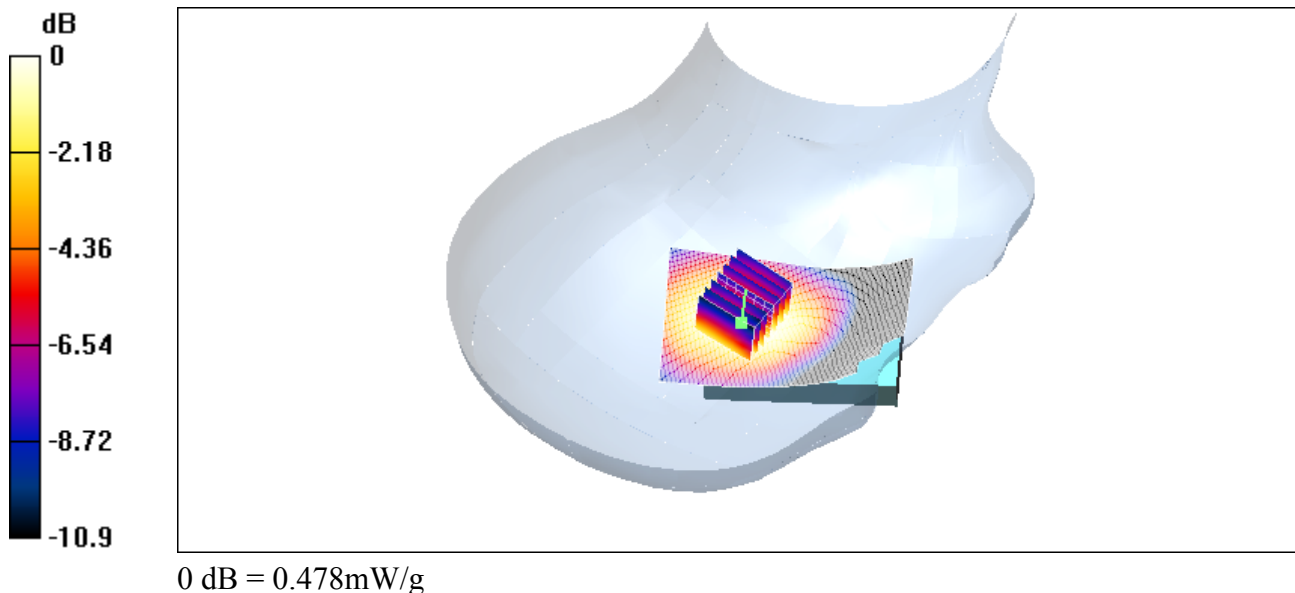
EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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; $\sigma = 0.883$ mho/m;

$\epsilon_r = 42.3$; $\rho = 1000$ kg/m³

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

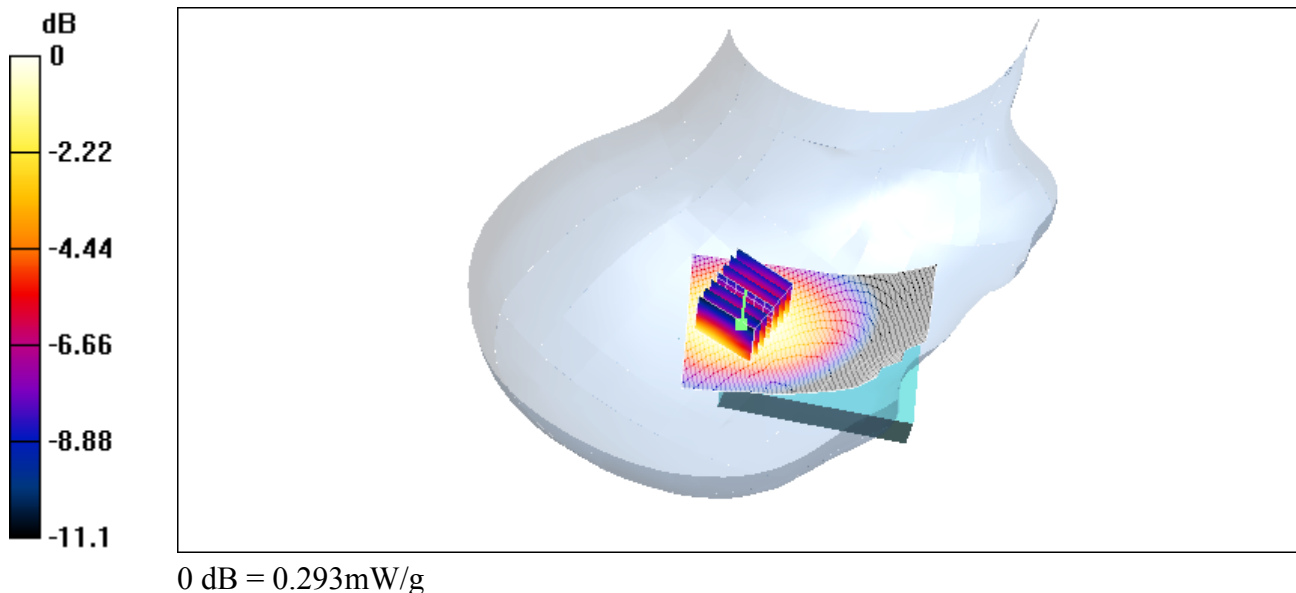
EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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; $\sigma = 0.892$ mho/m;

$\epsilon_r = 42.2$; $\rho = 1000$ kg/m³

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

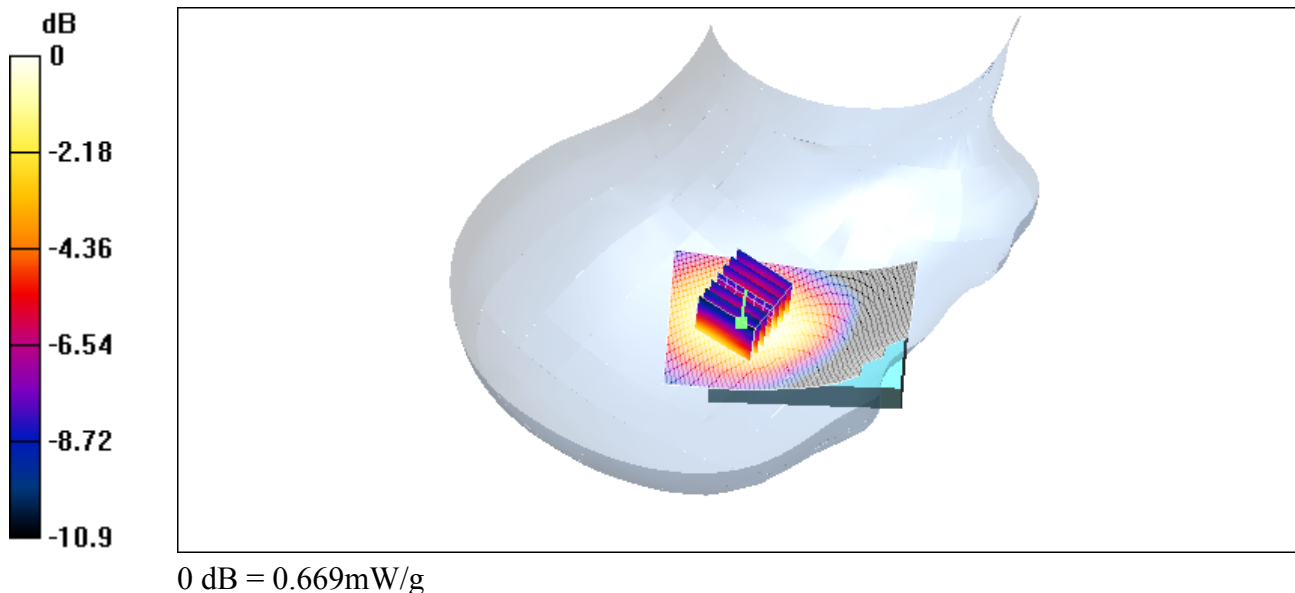
EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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; $\sigma = 0.927$ mho/m;

$\epsilon_r = 41.8$; $\rho = 1000$ kg/m³

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

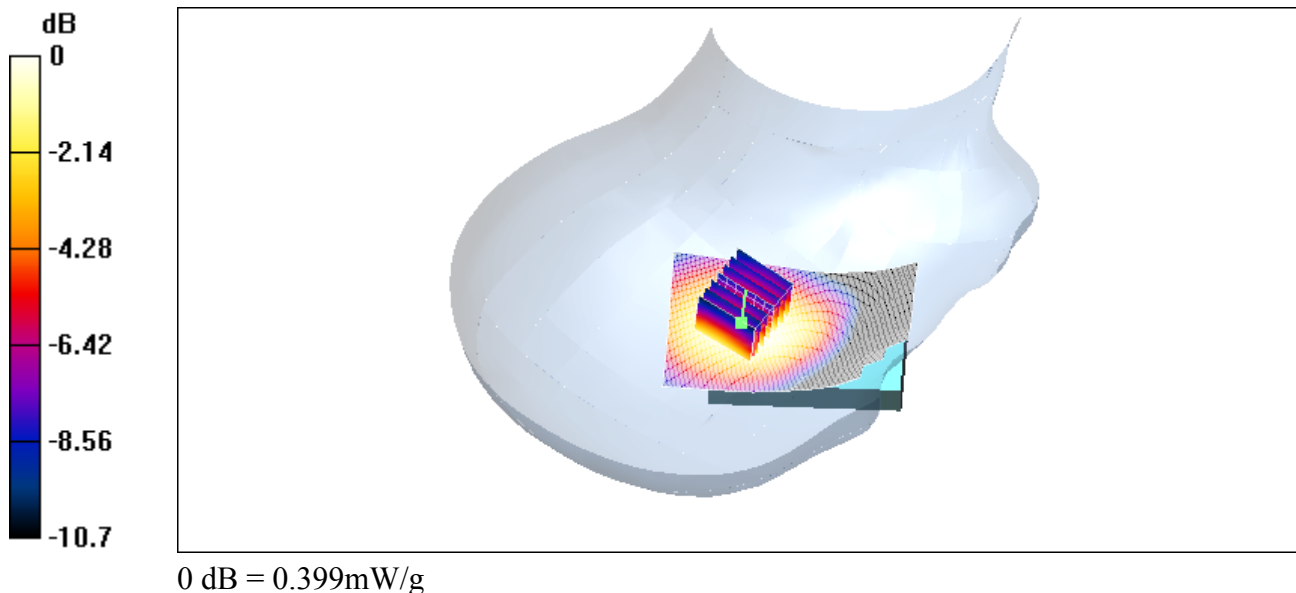
EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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; $\sigma = 0.975$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

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

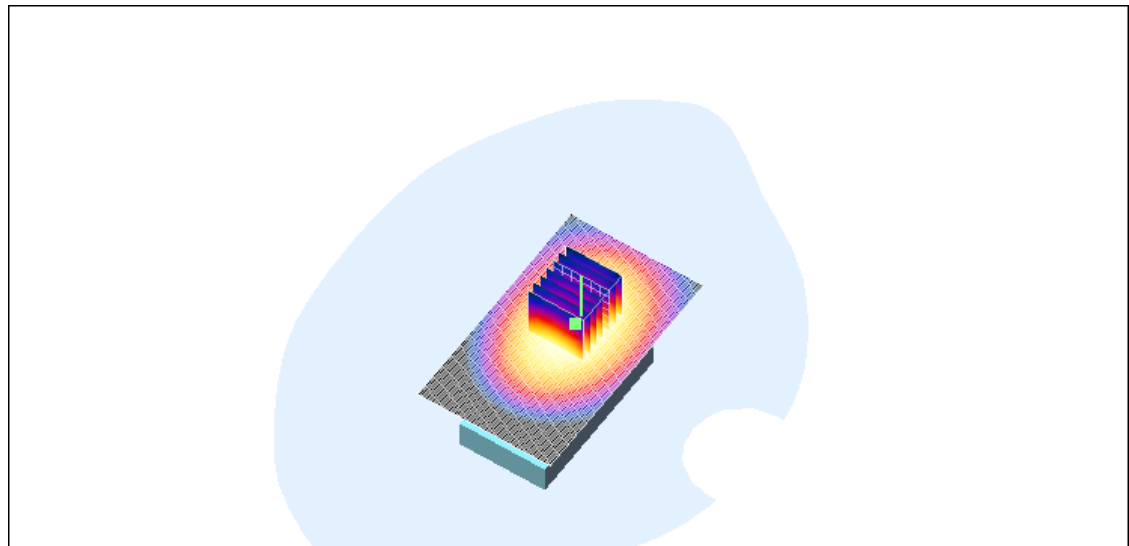
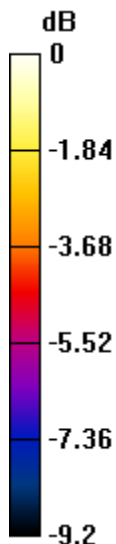
EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

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; $\sigma = 0.975$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

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

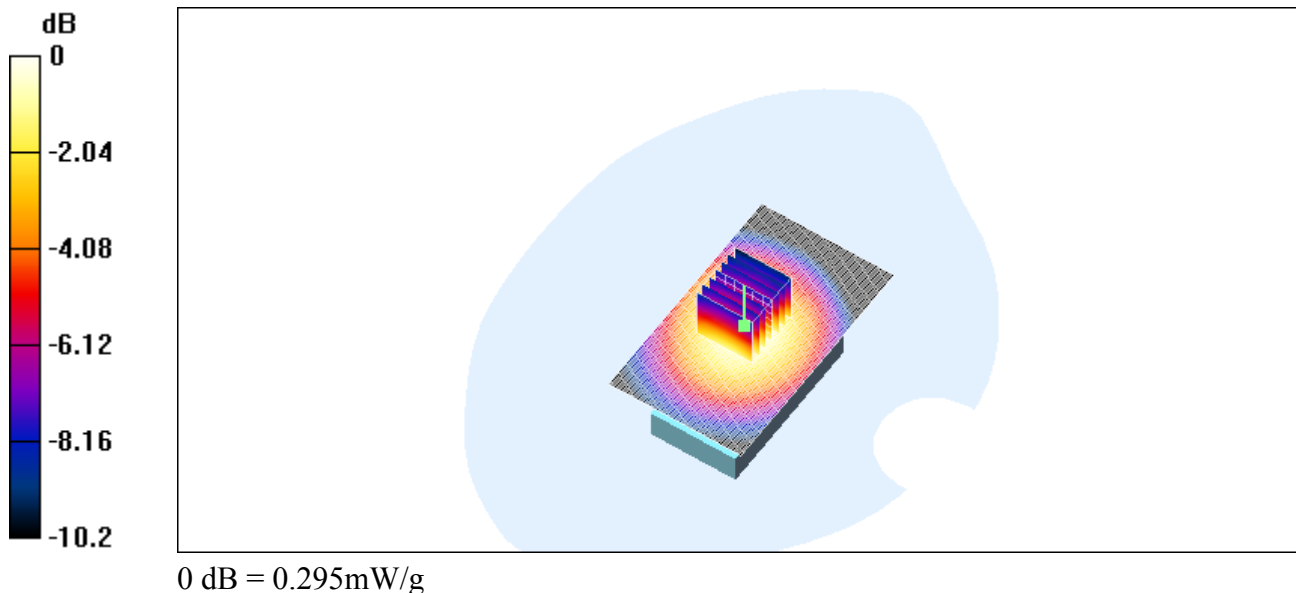
EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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



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; $\sigma = 0.966$ mho/m; $\epsilon_r = 55.1$; $\rho = 1000$ kg/m³

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

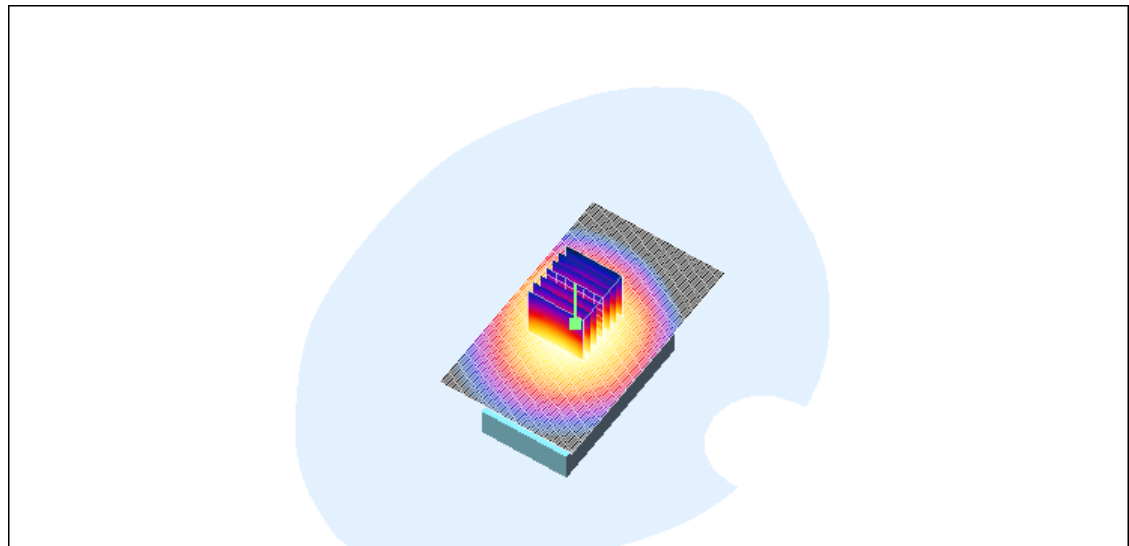
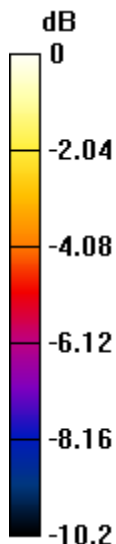
EB_X100U/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

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; $\sigma = 0.985$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ kg/m³

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

