

Appendix B

Measurement Plots

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid.900\(h\)_250mW_9.12.2003.da4](#)

Dipol Valid.900(h)_250mW_9.12.2003

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 = 61.4 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 3.21 mW/g

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

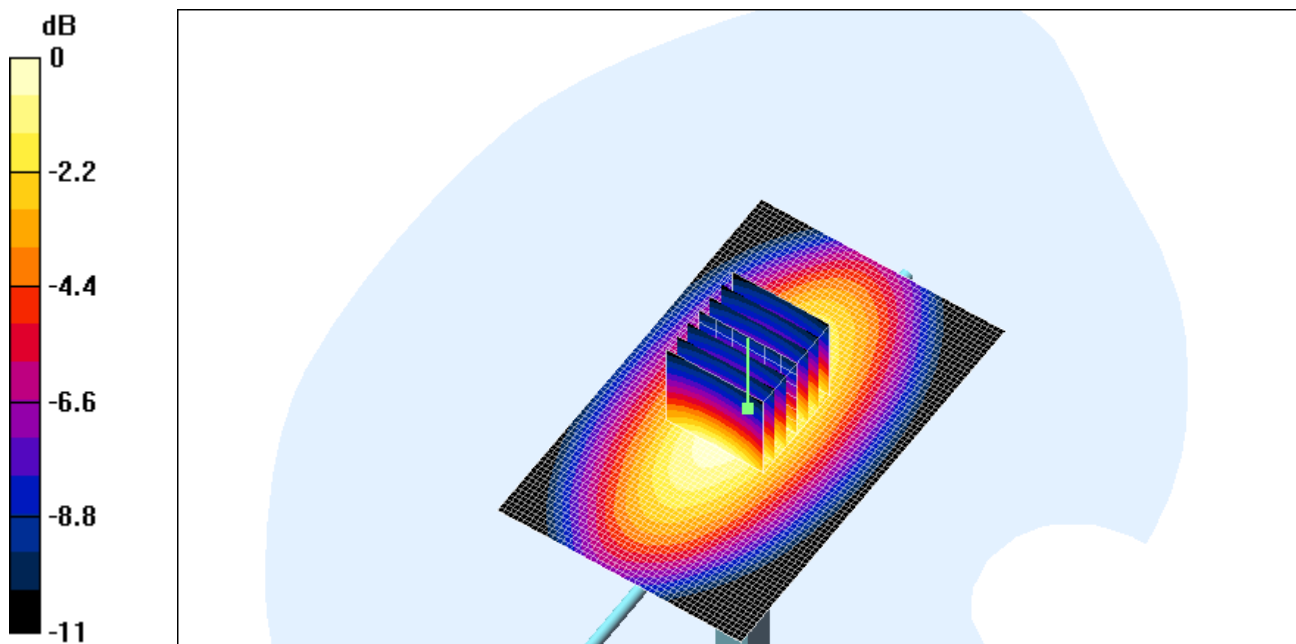
Peak SAR (extrapolated) = 4.37 W/kg

SAR(1 g) = 2.80 mW/g; SAR(10 g) = 1.80 mW/g

Reference Value = 61.4 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 3.18 mW/g



0 dB = 3.18mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid. 900 \(m\) 250mW_09.12.2003.da4](#)

Dipol Valid. 900 (m) 250mW_09.12.2003

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 = 55.9 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 2.93 mW/g

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

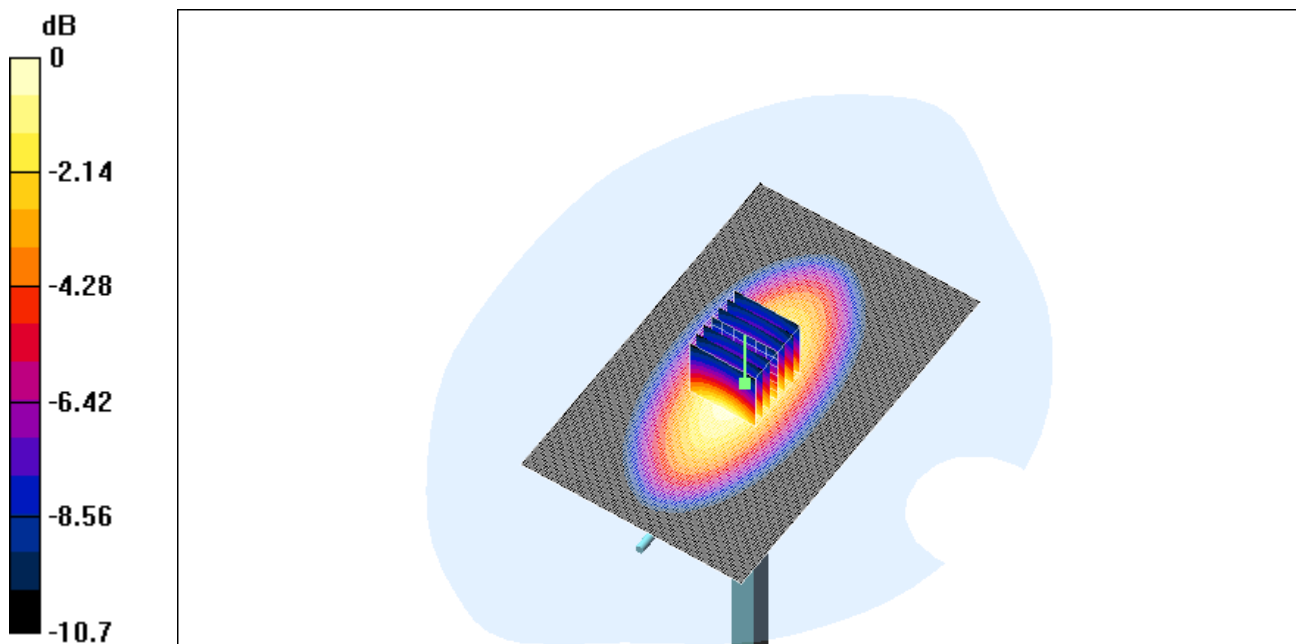
Peak SAR (extrapolated) = 3.88 W/kg

SAR(1 g) = 2.61 mW/g; SAR(10 g) = 1.74 mW/g

Reference Value = 55.9 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 2.91 mW/g



0 dB = 2.91mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [Dipol Valid. 900 \(m\) 250mW_11.12.2003.da4](#)

Dipol Valid. 900 (m) 250mW_11.12.2003

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 = 57.5 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 3.07 mW/g

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

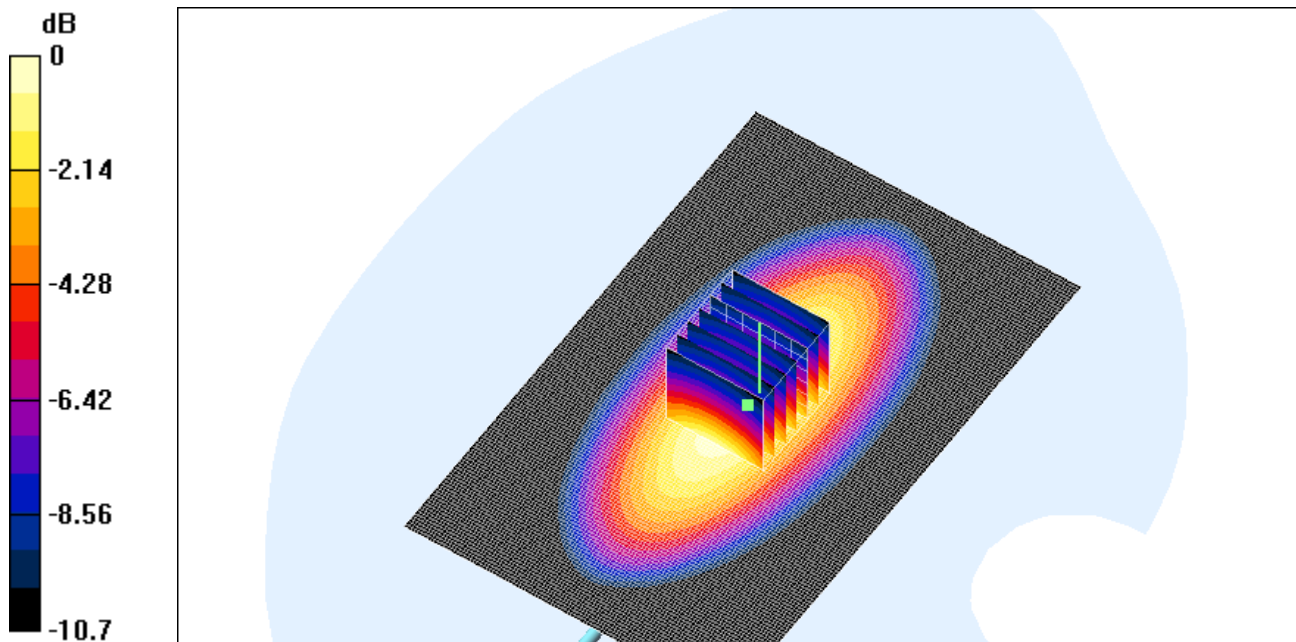
Peak SAR (extrapolated) = 4.02 W/kg

SAR(1 g) = 2.79 mW/g; SAR(10 g) = 1.8 mW/g

Reference Value = 57.5 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 3.02 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_right_ch128_cheek.da4](#)

850_right_ch128_cheek

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Head 850MHz ($\sigma = 0.89$ mho/m, $\epsilon_r = 41.6$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 24.1 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.858 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

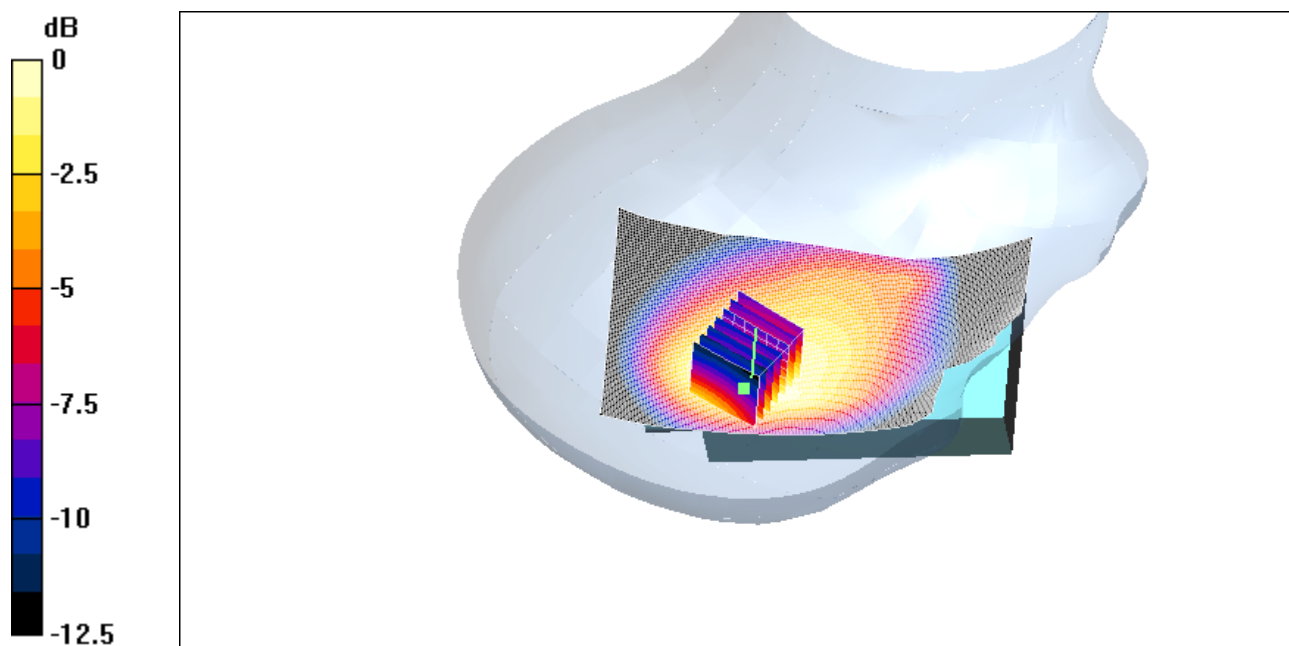
Peak SAR (extrapolated) = 1.2 W/kg

SAR(1 g) = 0.8 mW/g; SAR(10 g) = 0.523 mW/g

Reference Value = 24.1 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.853 mW/g



0 dB = 0.853mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_right_ch128_tilted.da4](#)

850_right_ch128_tilted

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Head 850MHz ($\sigma = 0.89$ mho/m, $\epsilon_r = 41.6$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 26 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 1.07 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

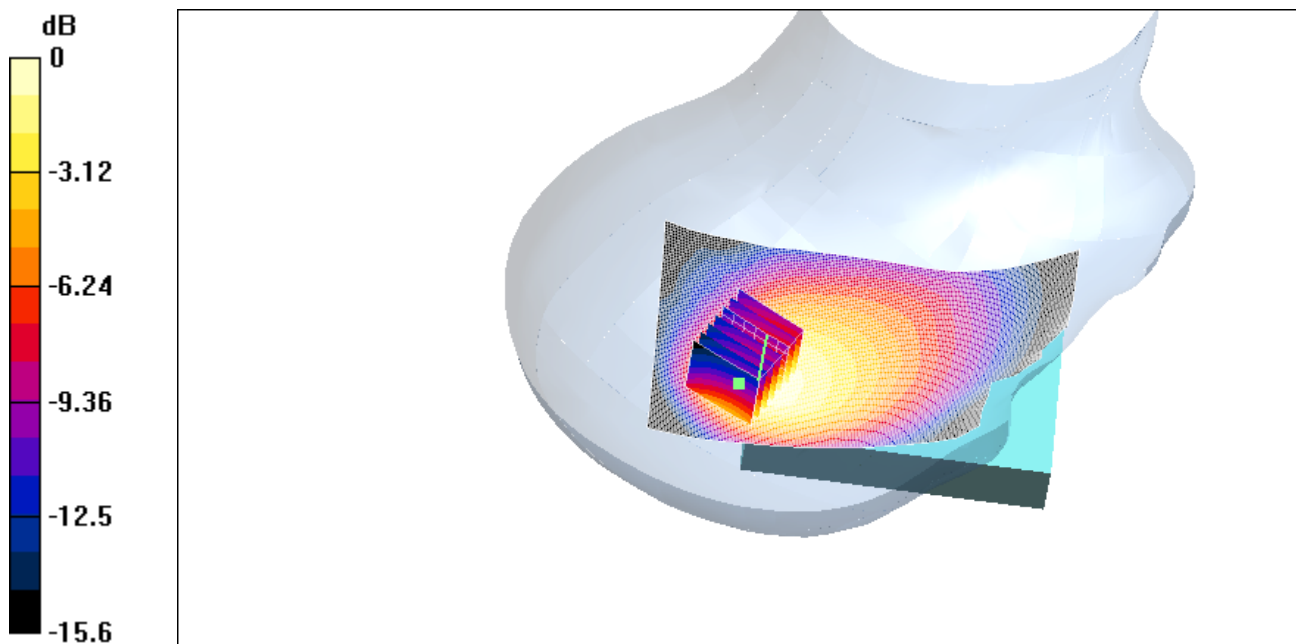
Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.571 mW/g

Reference Value = 26 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 1.01 mW/g



0 dB = 1.01mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_right_ch189_cheek.da4](#)

850_right_ch189_cheek

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Head 850MHz ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.52$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 26.6 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 1.37 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

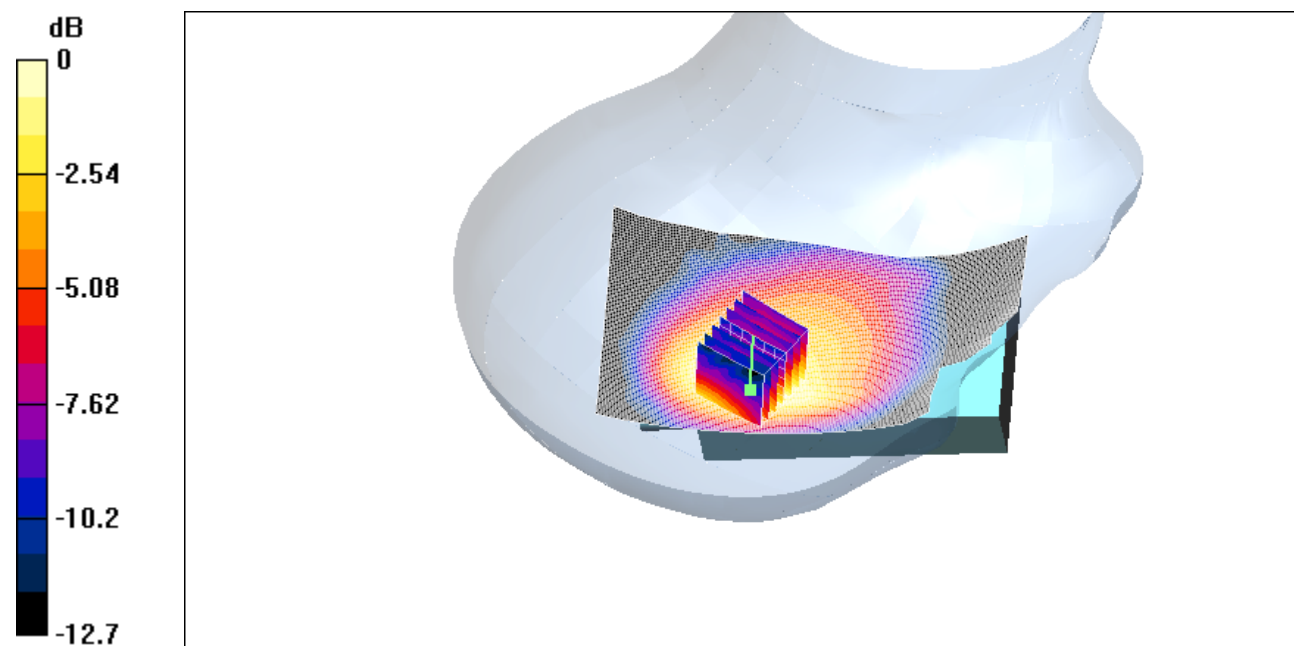
Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.796 mW/g

Reference Value = 26.6 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 1.36 mW/g



0 dB = 1.36mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_right_ch189_tilted.da4](#)

850_right_ch189_tilted

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Head 850MHz ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.52$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 28.5 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 1.61 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

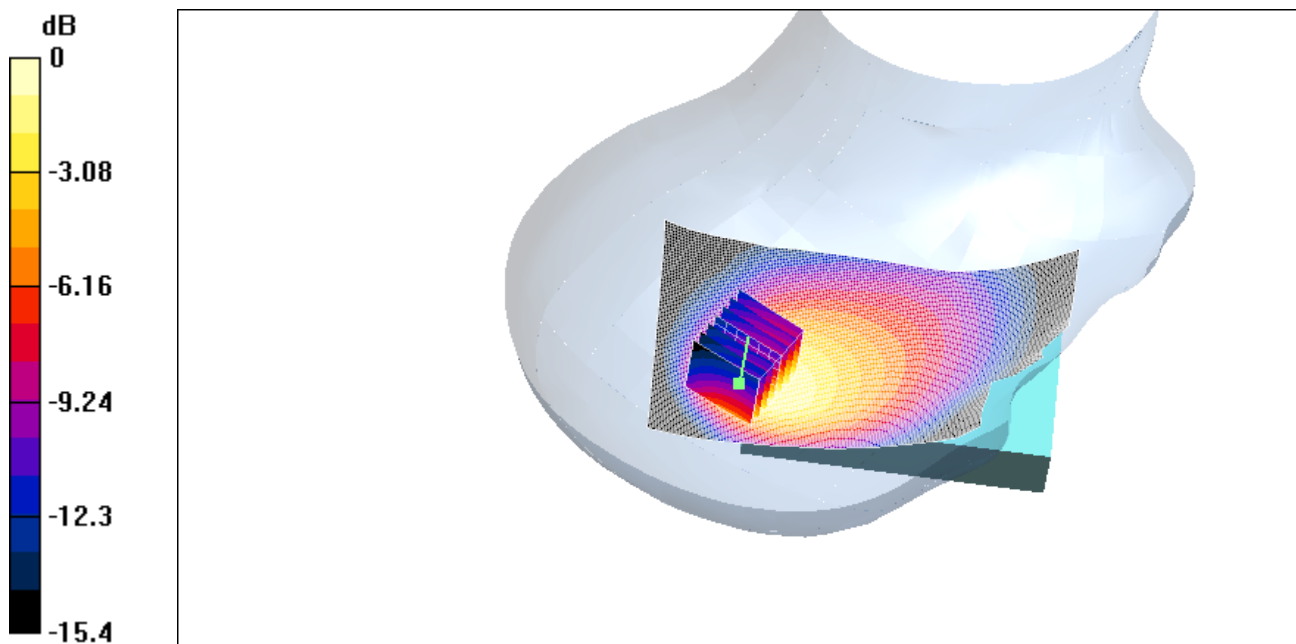
Peak SAR (extrapolated) = 3.38 W/kg

SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.784 mW/g

Reference Value = 28.5 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 1.59 mW/g



0 dB = 1.59mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_right_ch251_cheek.da4](#)

850_right_ch251_cheek

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Head 850MHz ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.52$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 29.8 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 1.43 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

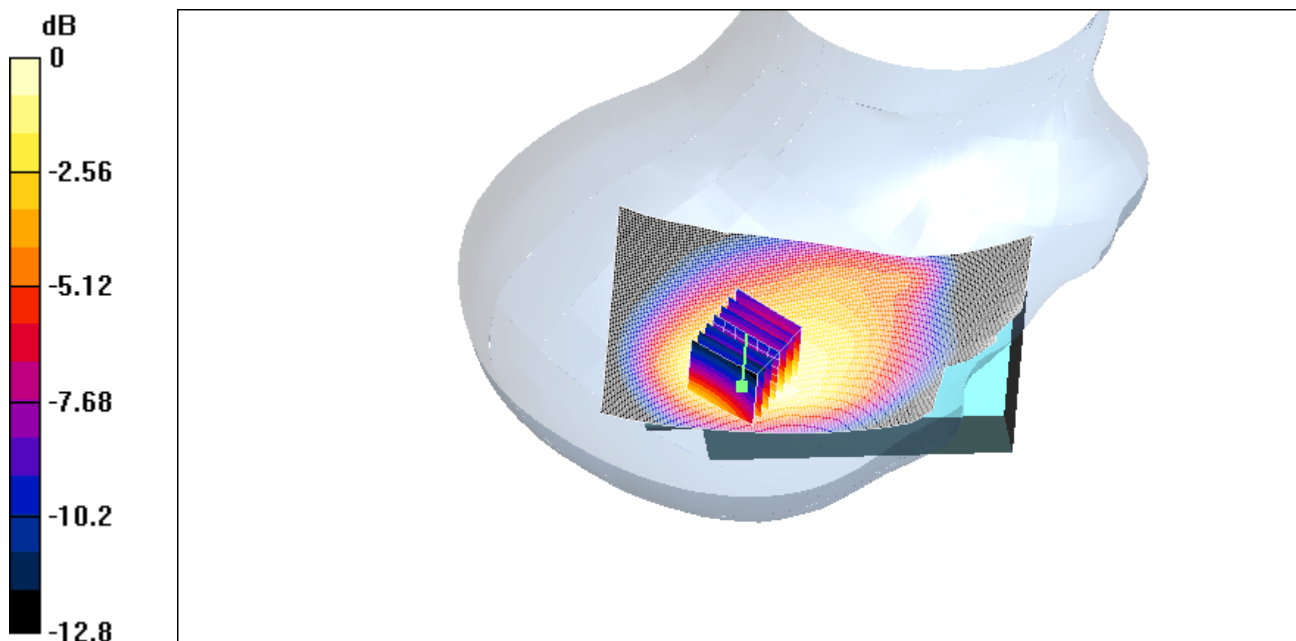
Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.852 mW/g

Reference Value = 29.8 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 1.4 mW/g



0 dB = 1.4mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_right_ch251_tilted.da4](#)

850_right_ch251_tilted

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Head 850MHz ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.52$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 30 V/m

Power Drift = -0.004 dB

Maximum value of SAR = 1.55 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

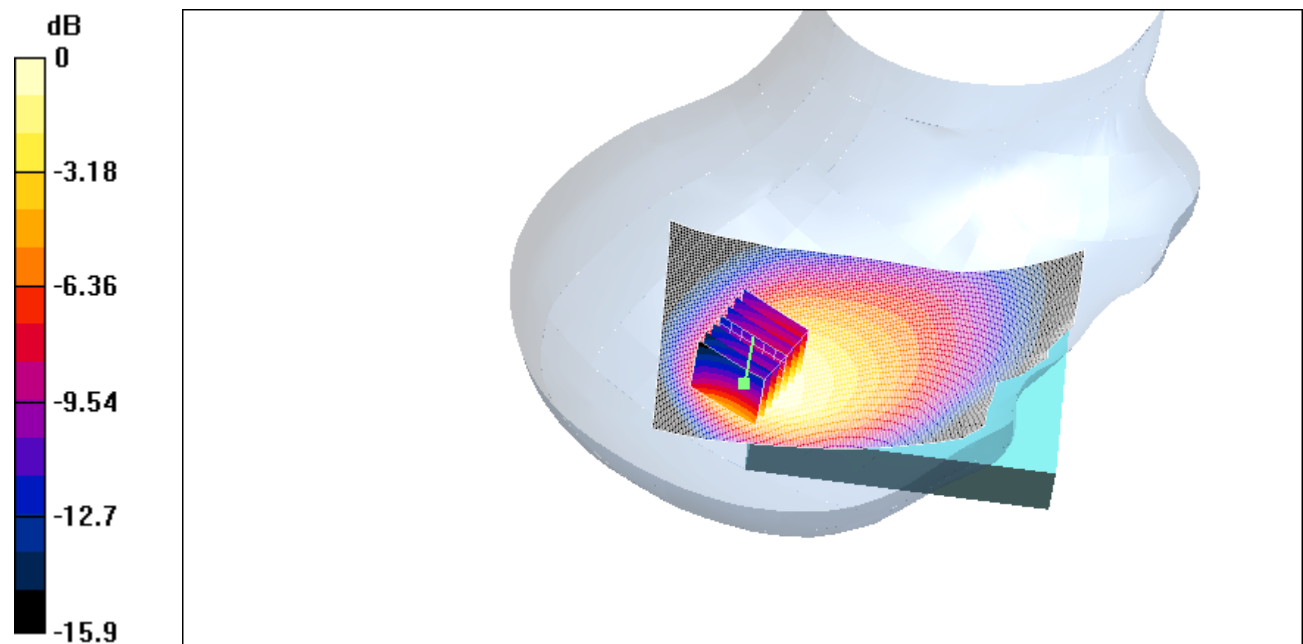
Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.822 mW/g

Reference Value = 30 V/m

Power Drift = -0.004 dB

Maximum value of SAR = 1.48 mW/g



0 dB = 1.48mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_left_ch128_cheek.da4](#)

850_left_ch128_cheek

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Head 850MHz ($\sigma = 0.89$ mho/m, $\epsilon_r = 41.6$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 27 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.663 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

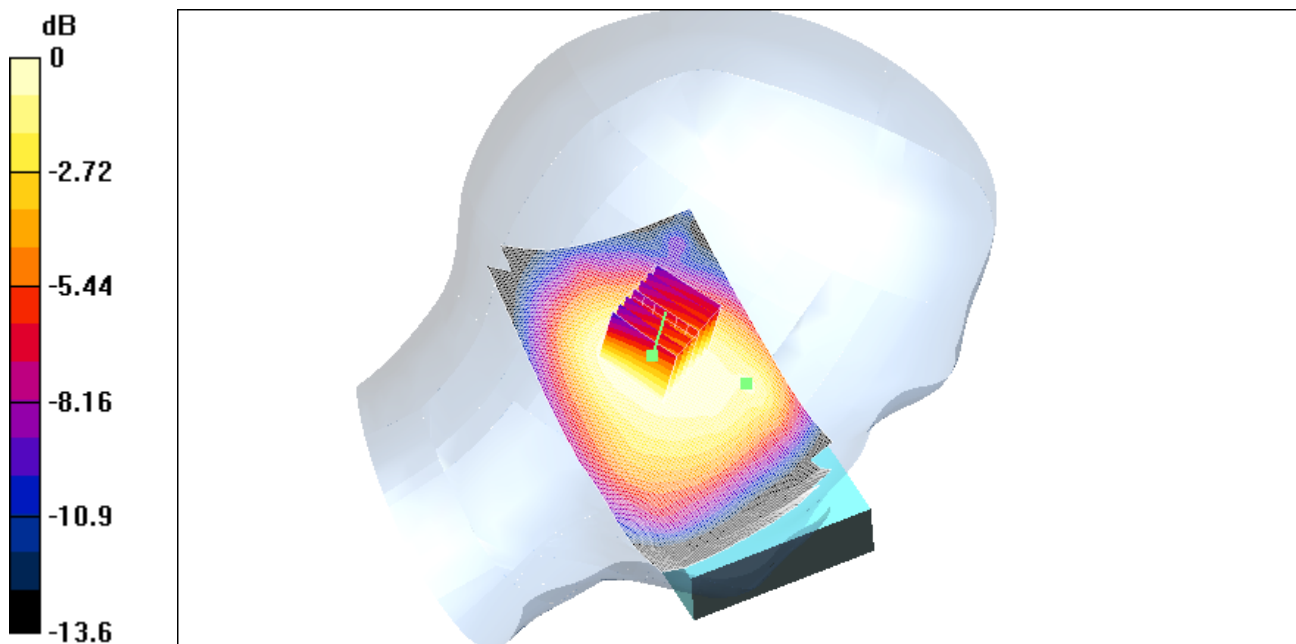
Peak SAR (extrapolated) = 0.835 W/kg

SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.451 mW/g

Reference Value = 27 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.655 mW/g



0 dB = 0.603mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_left_ch128_tilted.da4](#)

850_left_ch128_tilted

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Head 850MHz ($\sigma = 0.89$ mho/m, $\epsilon_r = 41.6$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 27 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.69 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

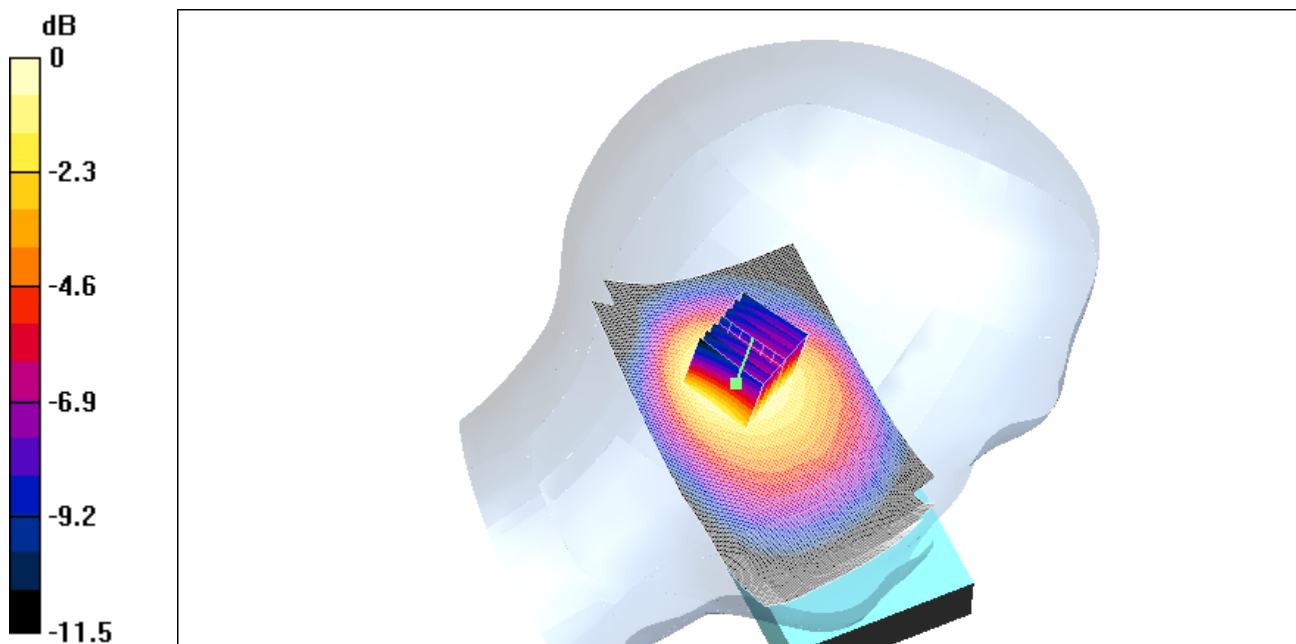
Peak SAR (extrapolated) = 0.896 W/kg

SAR(1 g) = 0.643 mW/g; SAR(10 g) = 0.434 mW/g

Reference Value = 27 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.684 mW/g



0 dB = 0.684mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_left_ch128_cheek.da4](#)

850_left_ch128_cheek

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Head 850MHz ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.52$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 30.9 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.914 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

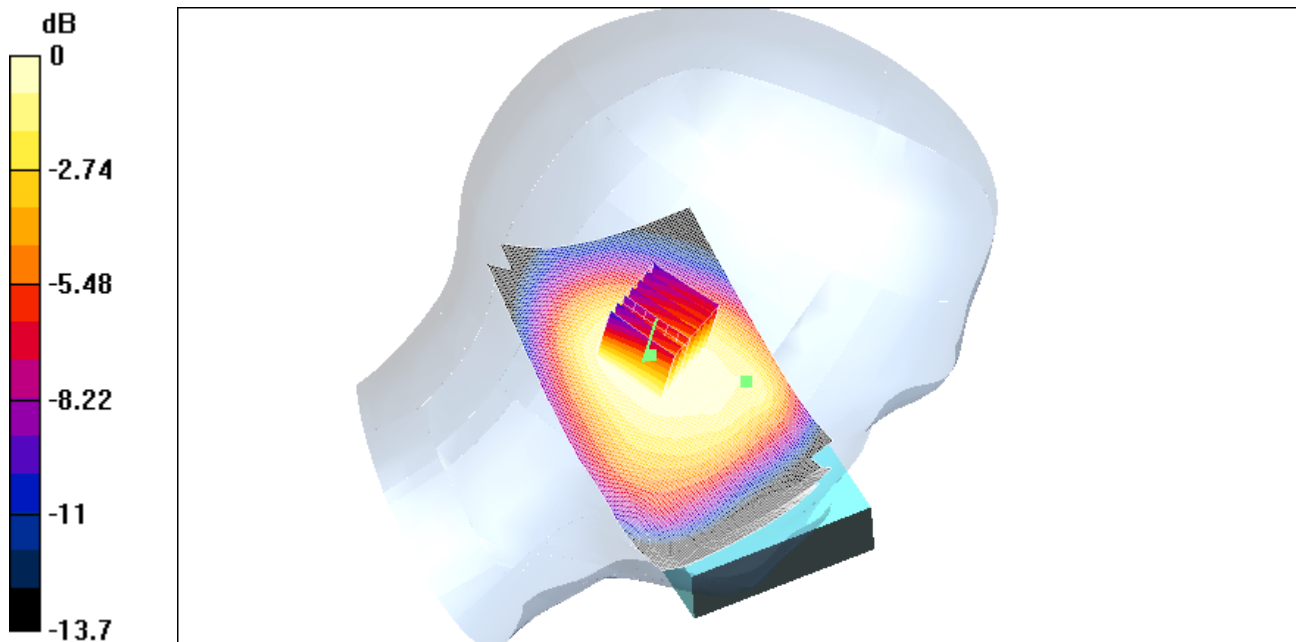
Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.614 mW/g

Reference Value = 30.9 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.894 mW/g



0 dB = 0.83mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_left_ch189_tilted.da4](#)

850_left_ch189_tilted

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Head 850MHz ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.52$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 31.6 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.951 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

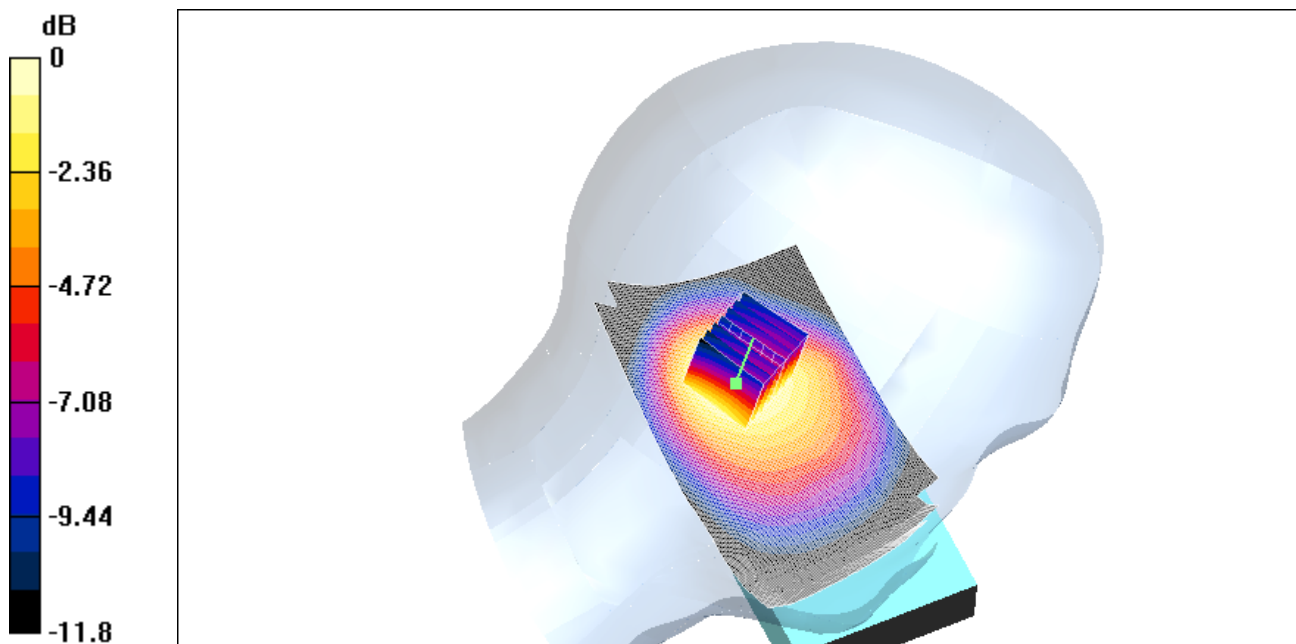
Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.9 mW/g; SAR(10 g) = 0.601 mW/g

Reference Value = 31.6 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.962 mW/g



0 dB = 0.962mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_left_ch251_cheek.da4](#)

850_left_ch251_cheek

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Head 850MHz ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.52$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 34 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 1.08 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

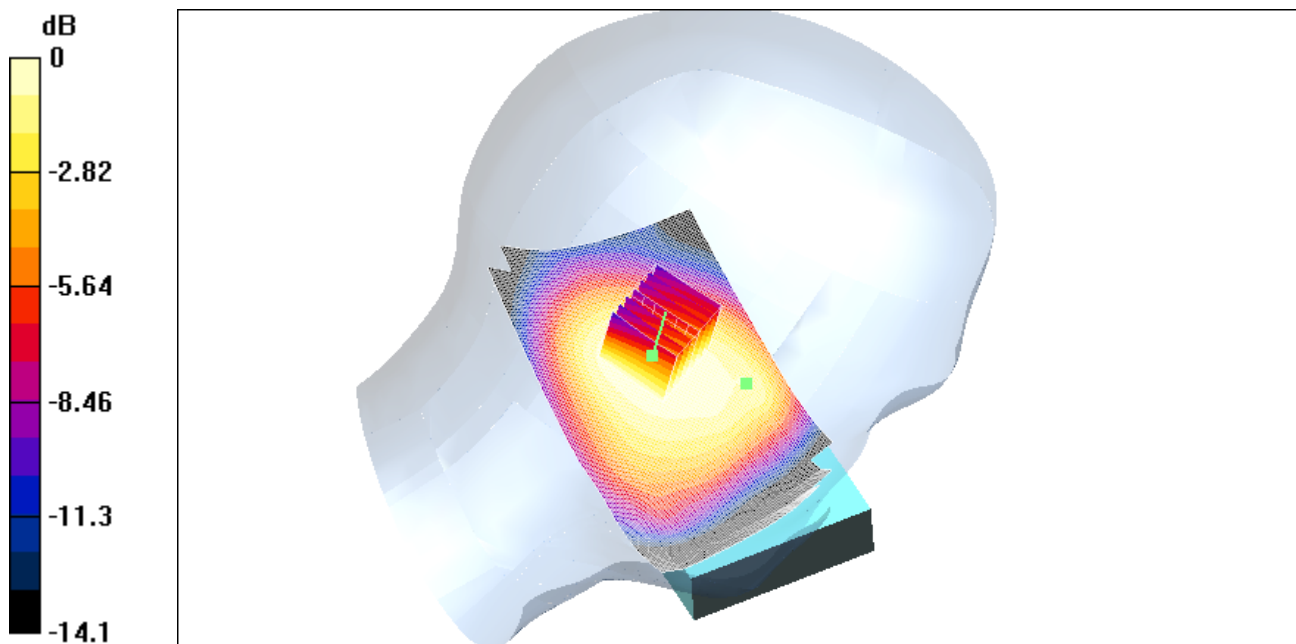
Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.74 mW/g

Reference Value = 34 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 1.09 mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_left_ch251_tilted.da4](#)

850_left_ch251_tilted

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Head 850MHz ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.52$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 34 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 1.14 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

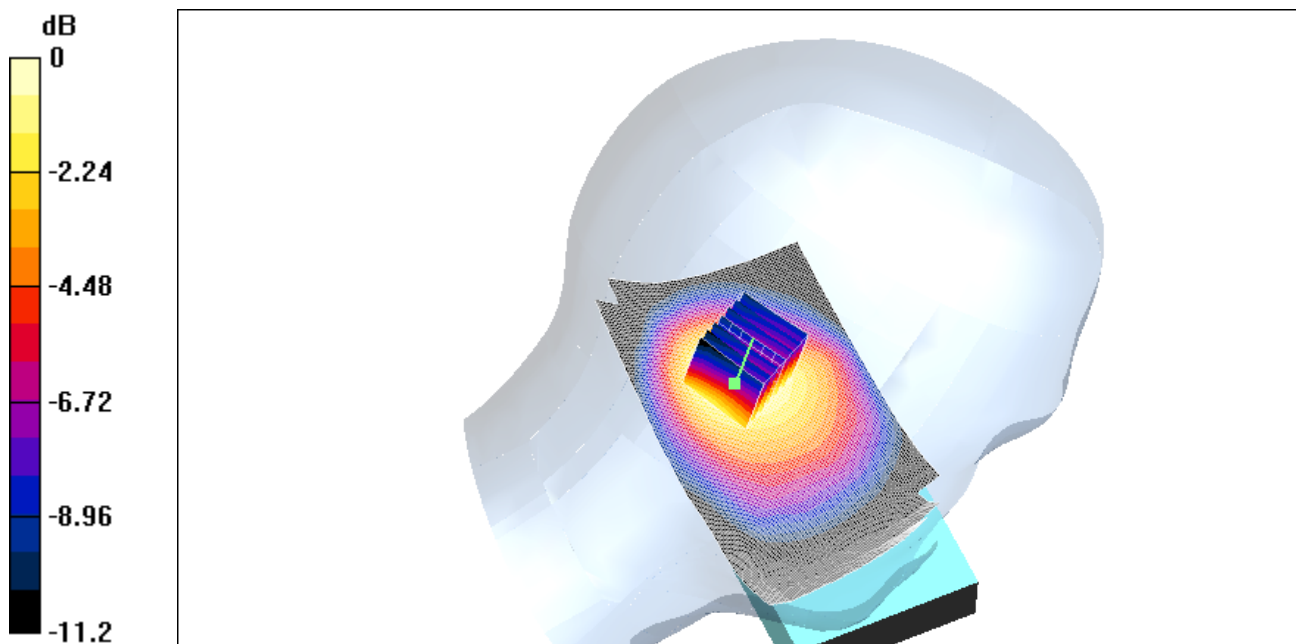
Peak SAR (extrapolated) = 1.5 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.713 mW/g

Reference Value = 34 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 1.15 mW/g



0 dB = 1.15mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_flat_ch189_front.da4](#)

850_flat_ch189_front

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Muscle 850 MHz ($\sigma = 0.972227$ mho/m, $\epsilon_r = 55.1479$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 16.7 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.331 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

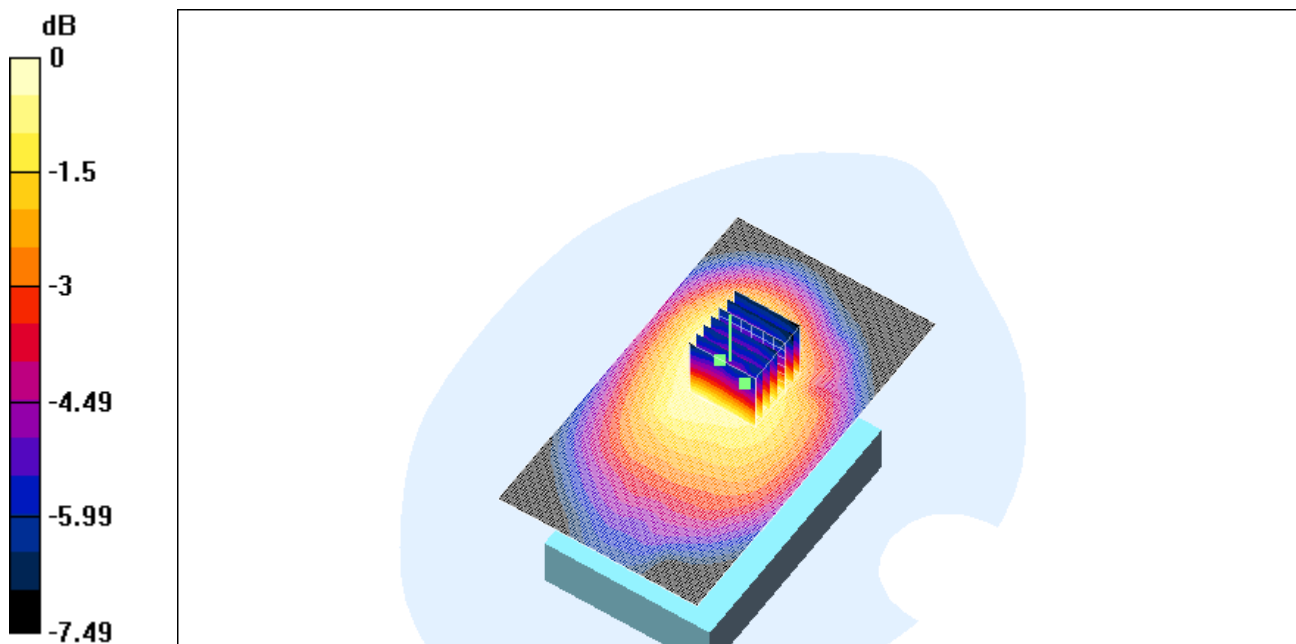
Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.232 mW/g

Reference Value = 16.7 V/m

Power Drift = -0.01 dB

Maximum value of SAR = 0.337 mW/g



0 dB = 0.337mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_flat_ch189_back.da4](#)

850_flat_ch189_back

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Muscle 850 MHz ($\sigma = 0.972227$ mho/m, $\epsilon_r = 55.1479$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 23.4 V/m

Power Drift = -0.006 dB

Maximum value of SAR = 0.503 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

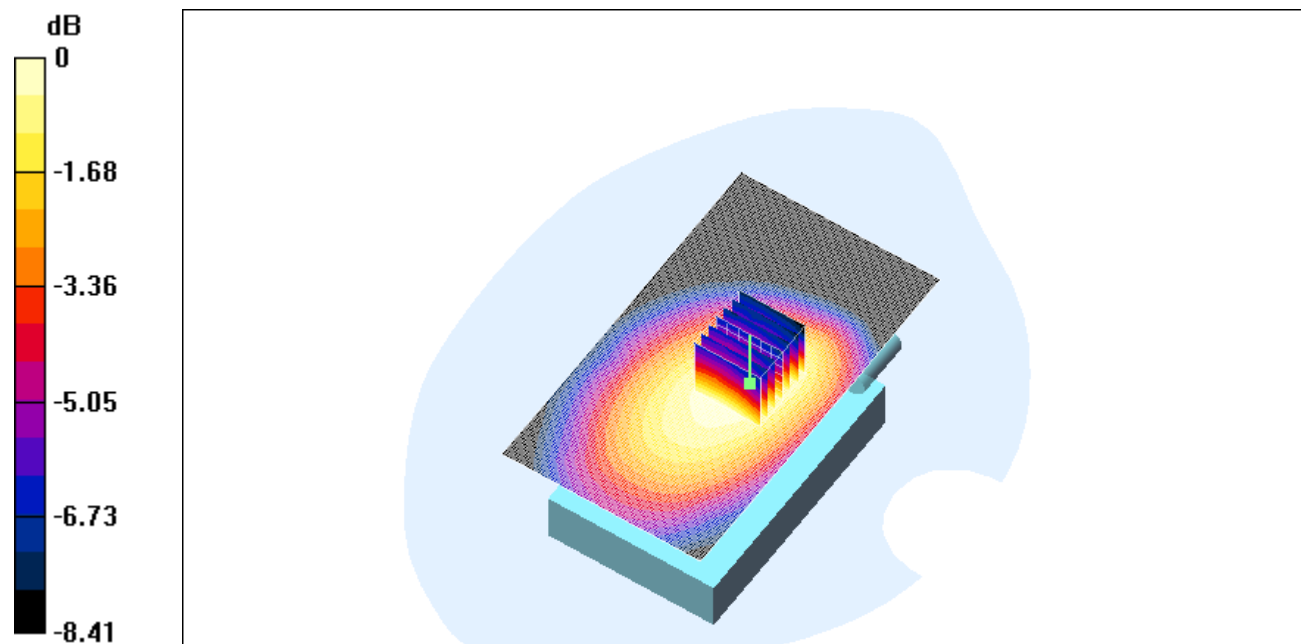
Peak SAR (extrapolated) = 0.616 W/kg

SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.348 mW/g

Reference Value = 23.4 V/m

Power Drift = -0.006 dB

Maximum value of SAR = 0.495 mW/g



0 dB = 0.495mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_flat_ch189_tasche.da4](#)

850_flat_ch189_tasche

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Muscle 850 MHz ($\sigma = 0.972227$ mho/m, $\epsilon_r = 55.1479$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 30.2 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 0.852 mW/g

HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

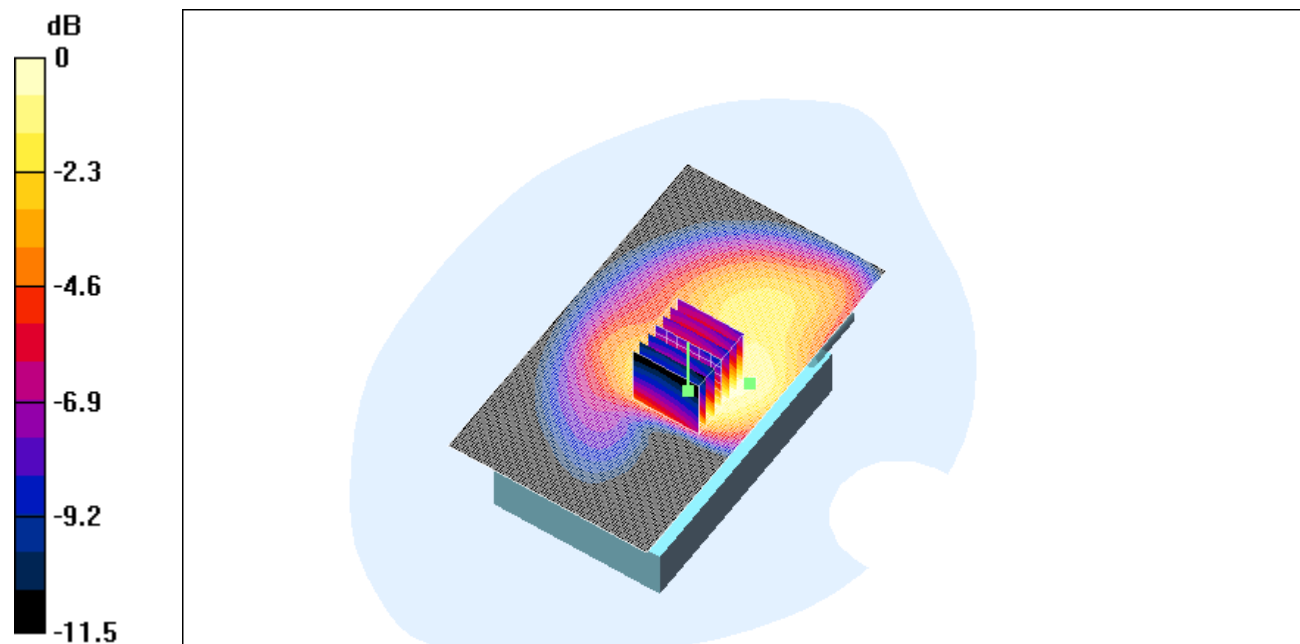
Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.516 mW/g

Reference Value = 30.2 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 0.849 mW/g



0 dB = 0.841mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

File Name: [850_right_ch189_tilted.da4](#)

850_right_ch189_tilted_z-axis

DUT: PDA with Quad-Band GPRS/GSM+Wlan+BT; Type: -; Serial: HSTN H-C01C

Program: GSM 850

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

Medium: Head 850MHz ($\sigma = 0.91$ mho/m, $\epsilon_r = 41.52$, $\rho = 1000$ 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

HSTN H-C01C/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 28.5 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 1.61 mW/g

