



## Appendix B

### Measurement Plots

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### Dipol Valid.1900(h)\_250mW\_18.05.2004

**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/m<sup>3</sup>

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 (81x151x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 93.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 11.2 mW/g

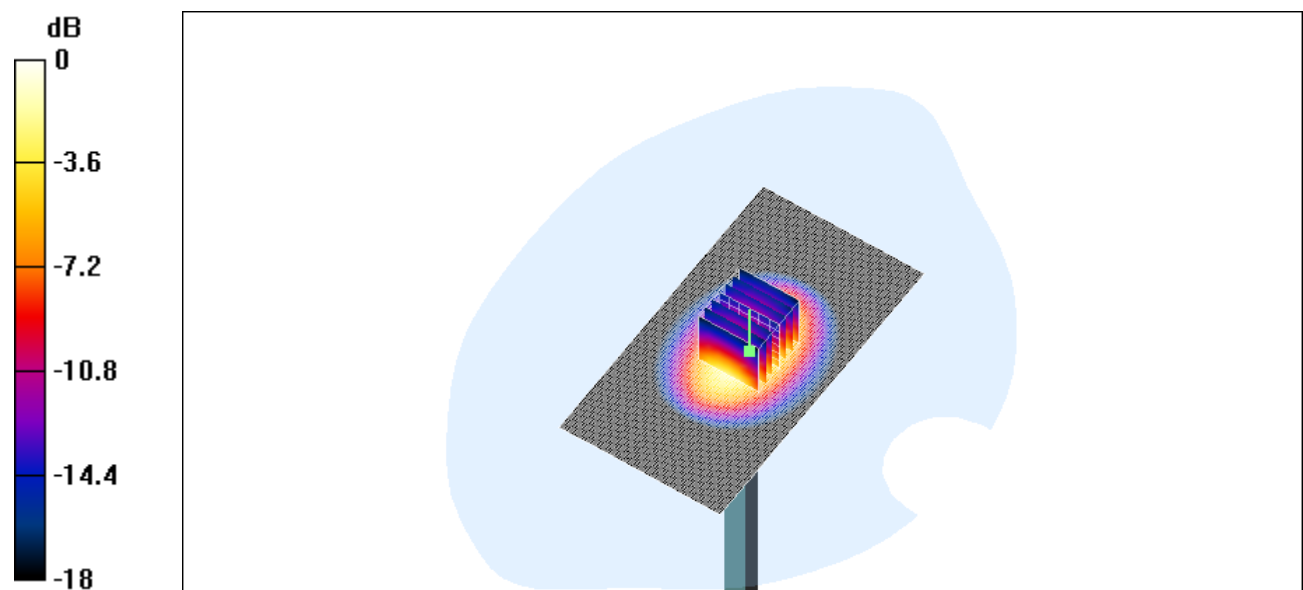
**Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 93.6 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 11.3 mW/g

Peak SAR (extrapolated) = 17.7 W/kg

**SAR(1 g) = 9.92 mW/g; SAR(10 g) = 5.12 mW/g**



0 dB = 11.3mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### Dipol Valid.1900(h)\_250mW\_19.05.2004

**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/m<sup>3</sup>

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 (81x151x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 91.5 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 11.5 mW/g

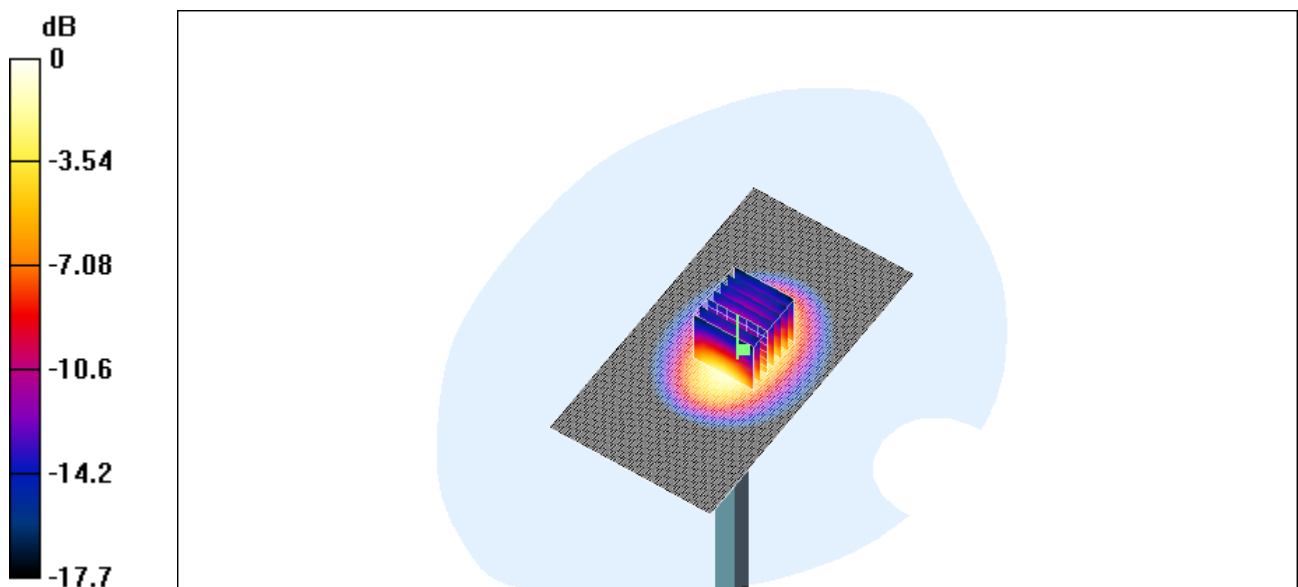
**Dipol 1900 (250mW)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.5 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 11.2 mW/g

Peak SAR (extrapolated) = 17.1 W/kg

**SAR(1 g) = 9.99 mW/g; SAR(10 g) = 5.28 mW/g**



0 dB = 11.2mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_right\_ch512\_cheek

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

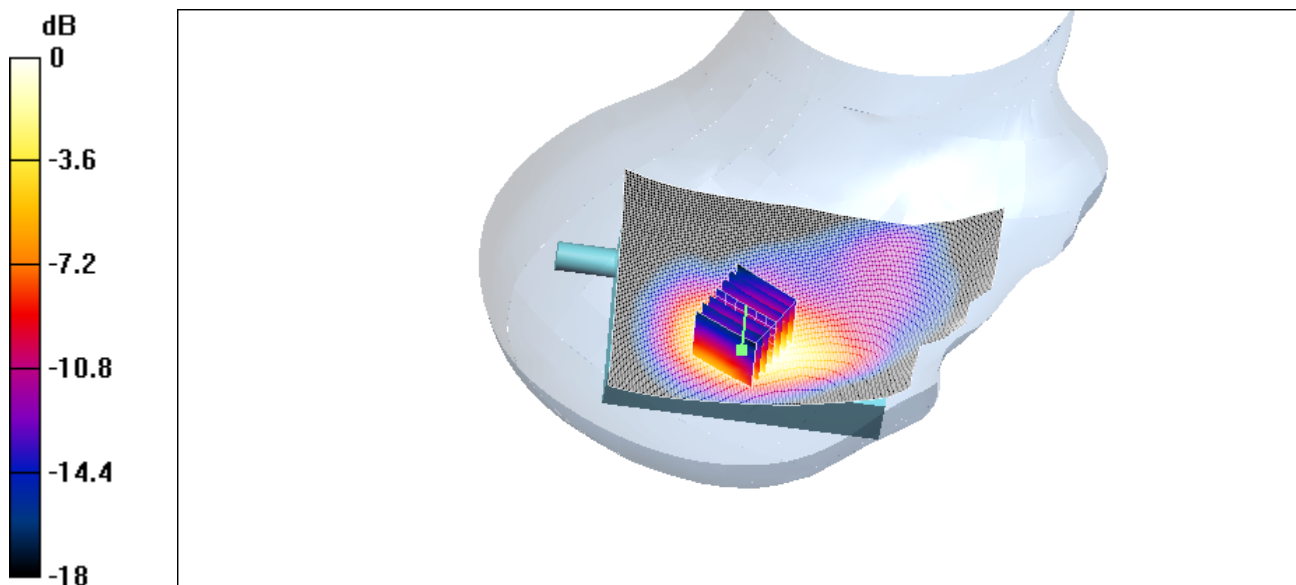
Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8  
Medium: Head 1900 MHz Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- 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

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm  
Reference Value = 12 V/m; Power Drift = -0.1 dB  
Maximum value of SAR (interpolated) = 1.12 mW/g

**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 12 V/m; Power Drift = -0.1 dB  
Maximum value of SAR (measured) = 1.11 mW/g  
Peak SAR (extrapolated) = 1.86 W/kg  
**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.536 mW/g**



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_right\_ch512\_tilted

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

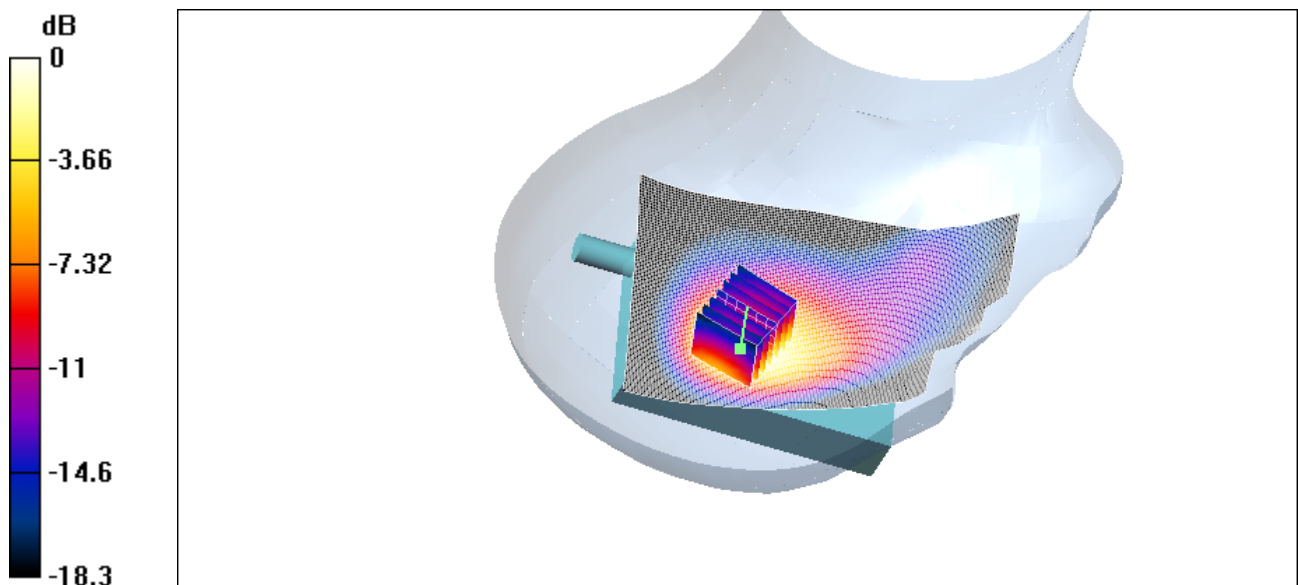
Communication System: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8  
Medium: Head 1900 MHz Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- 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

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm  
Reference Value = 14.7 V/m; Power Drift = 0.005 dB  
Maximum value of SAR (interpolated) = 1.15 mW/g

**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 14.7 V/m; Power Drift = 0.005 dB  
Maximum value of SAR (measured) = 1.14 mW/g  
Peak SAR (extrapolated) = 1.61 W/kg  
**SAR(1 g) = 0.996 mW/g; SAR(10 g) = 0.508 mW/g**



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_right\_ch661\_cheek

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium: Head 1900 MHz Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- 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

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 14.5 V/m; Power Drift = -0.1 dB

Maximum value of SAR (interpolated) = 1.45 mW/g

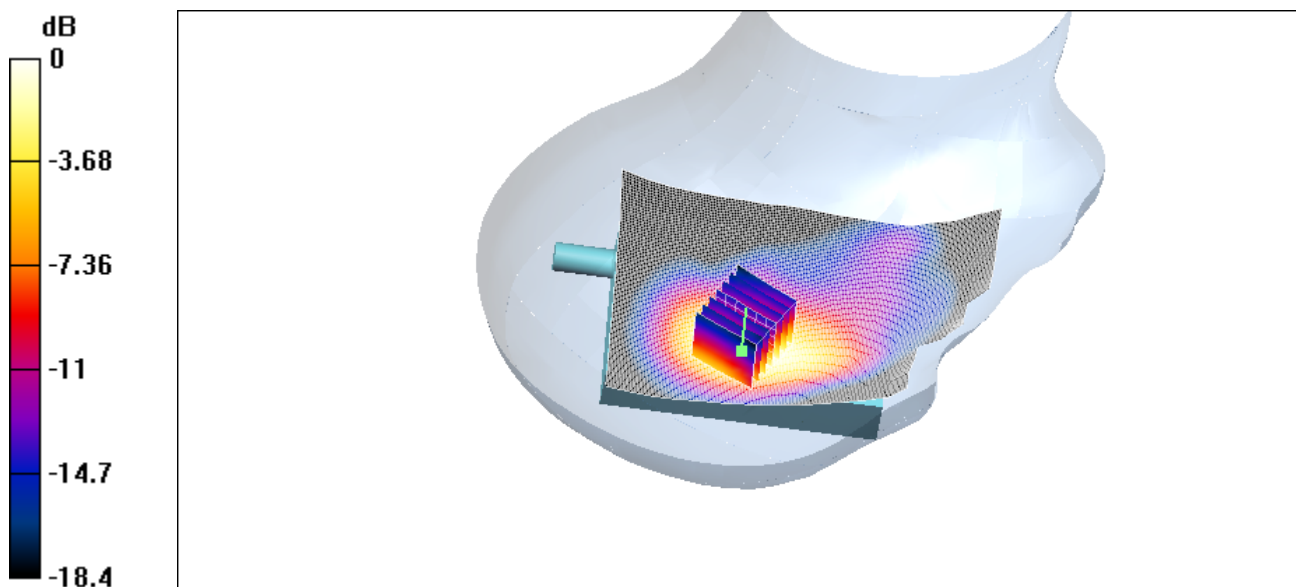
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = -0.1 dB

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

Peak SAR (extrapolated) = 2.83 W/kg

**SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.621 mW/g**



0 dB = 1.34mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_right\_ch661\_tilted

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

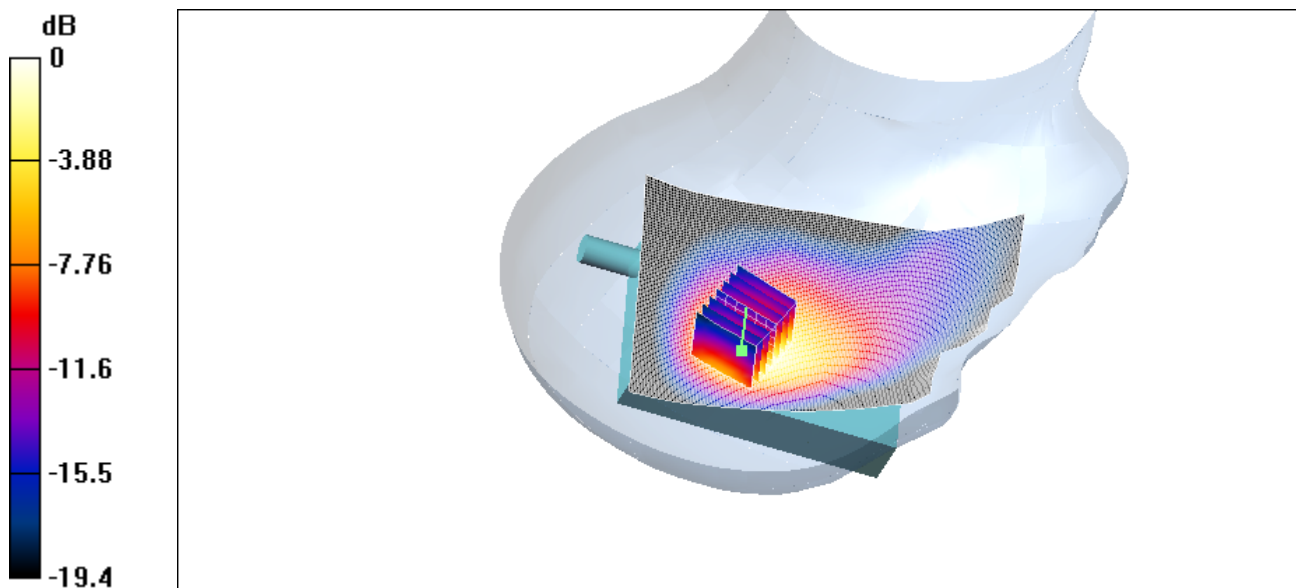
Communication System: PCS1900; Frequency: 1880 MHz; Duty Cycle: 1:8  
Medium: Head 1900 MHz Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- 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

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm  
Reference Value = 17.7 V/m; Power Drift = -0.0 dB  
Maximum value of SAR (interpolated) = 1.44 mW/g

**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 17.7 V/m; Power Drift = -0.0 dB  
Maximum value of SAR (measured) = 1.35 mW/g  
Peak SAR (extrapolated) = 2.42 W/kg  
**SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.626 mW/g**



0 dB = 1.35mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_right\_ch810\_cheek

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

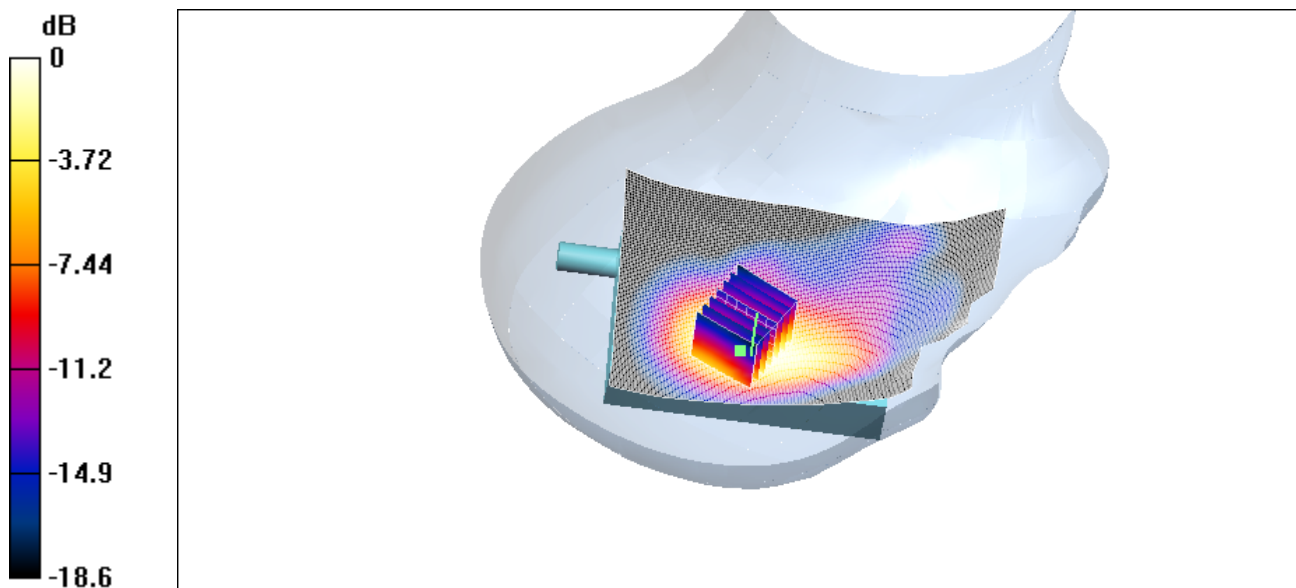
Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8  
Medium: Head 1900 MHz Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- 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

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm  
Reference Value = 15.5 V/m; Power Drift = 0.006 dB  
Maximum value of SAR (interpolated) = 1.63 mW/g

**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 15.5 V/m; Power Drift = 0.006 dB  
Maximum value of SAR (measured) = 1.58 mW/g  
Peak SAR (extrapolated) = 3.09 W/kg  
**SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.763 mW/g**



0 dB = 1.58mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_right\_ch810\_tilted

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

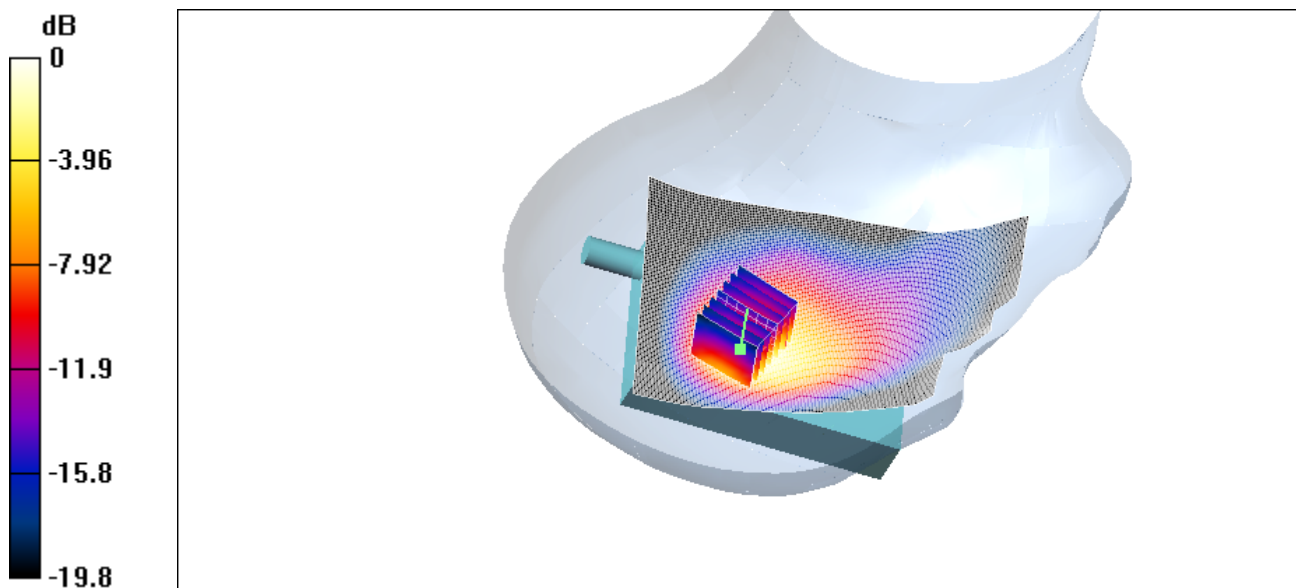
Communication System: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8  
Medium: Head 1900 MHz Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1711; ConvF(5.3, 5.3, 5.3); Calibrated: 11/29/2002
- 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

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm  
Reference Value = 18.8 V/m; Power Drift = 0.0 dB  
Maximum value of SAR (interpolated) = 1.67 mW/g

**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 18.8 V/m; Power Drift = 0.0 dB  
Maximum value of SAR (measured) = 1.56 mW/g  
Peak SAR (extrapolated) = 2.89 W/kg  
**SAR(1 g) = 1.38 mW/g; SAR(10 g) = 0.772 mW/g**



0 dB = 1.56mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_left\_ch661\_cheek

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 16.9 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.772 mW/g

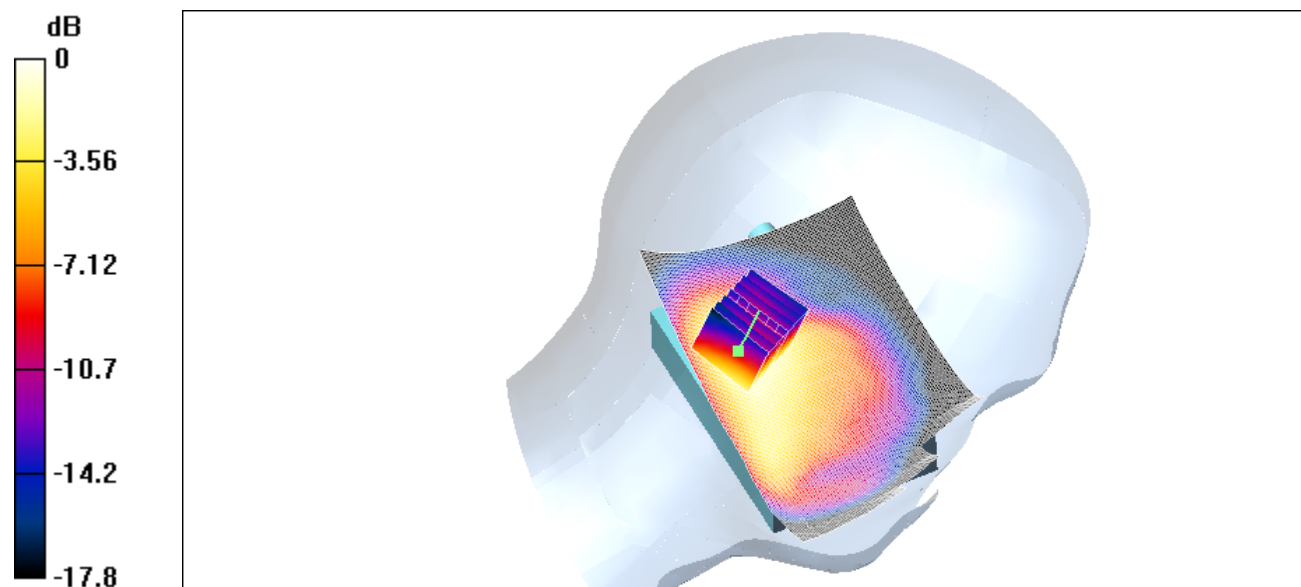
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.758 mW/g

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.693 mW/g; SAR(10 g) = 0.398 mW/g**



0 dB = 0.758mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_left\_ch661\_tilted

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 17.2 V/m; Power Drift = -0.007 dB

Maximum value of SAR (interpolated) = 0.782 mW/g

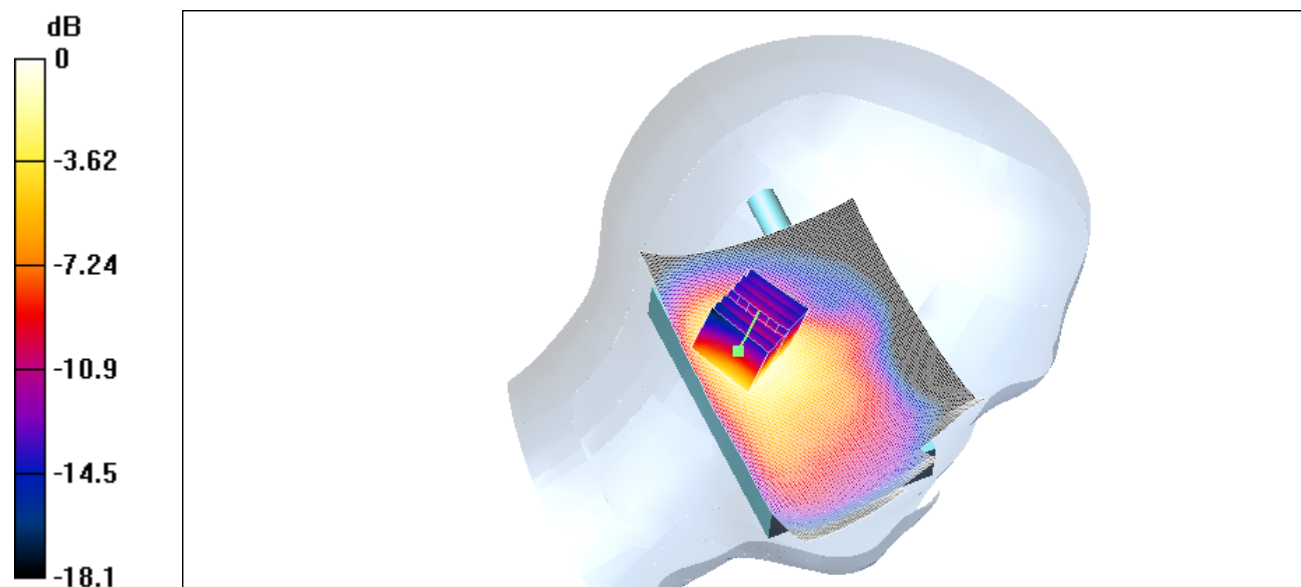
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = -0.007 dB

Maximum value of SAR (measured) = 0.762 mW/g

Peak SAR (extrapolated) = 1.1 W/kg

**SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.393 mW/g**



0 dB = 0.762mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_flat\_ch512\_tasche\_back

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

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;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 19.9 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.415 mW/g

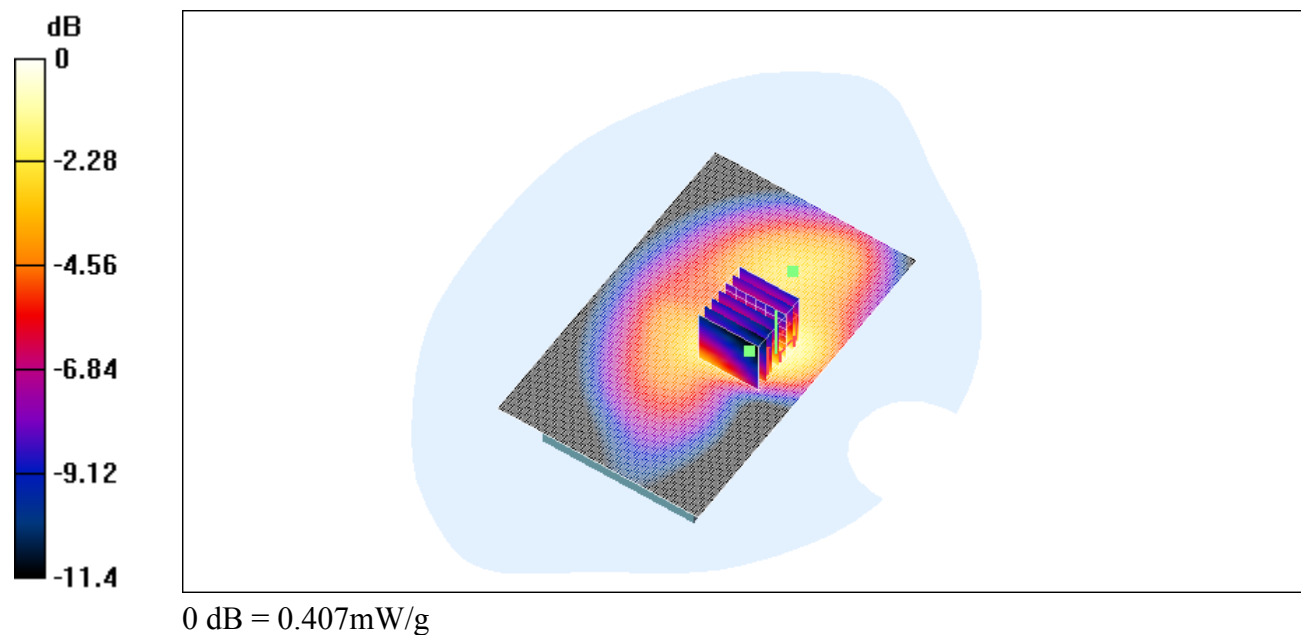
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.9 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.407 mW/g

Peak SAR (extrapolated) = 0.583 W/kg

**SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.289 mW/g**



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_flat\_ch661\_tasche\_back

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Muscle 1900 MHz Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 19.1 V/m; Power Drift = -0.002 dB

Maximum value of SAR (interpolated) = 0.427 mW/g

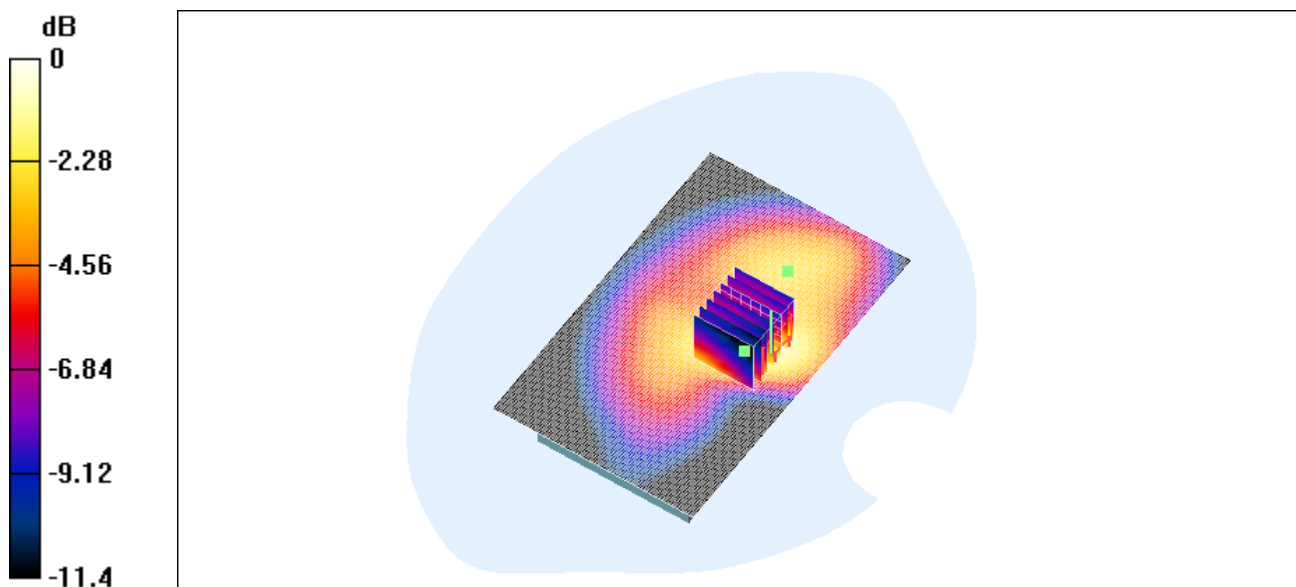
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.1 V/m; Power Drift = -0.002 dB

Maximum value of SAR (measured) = 0.421 mW/g

Peak SAR (extrapolated) = 0.515 W/kg

**SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.298 mW/g**



0 dB = 0.421mW/g

Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_flat\_ch661\_tasche\_front

**DUT: PDA 850/900/1800/1900WLAN/BT; Type: -; Serial: HSTN H-C01C**

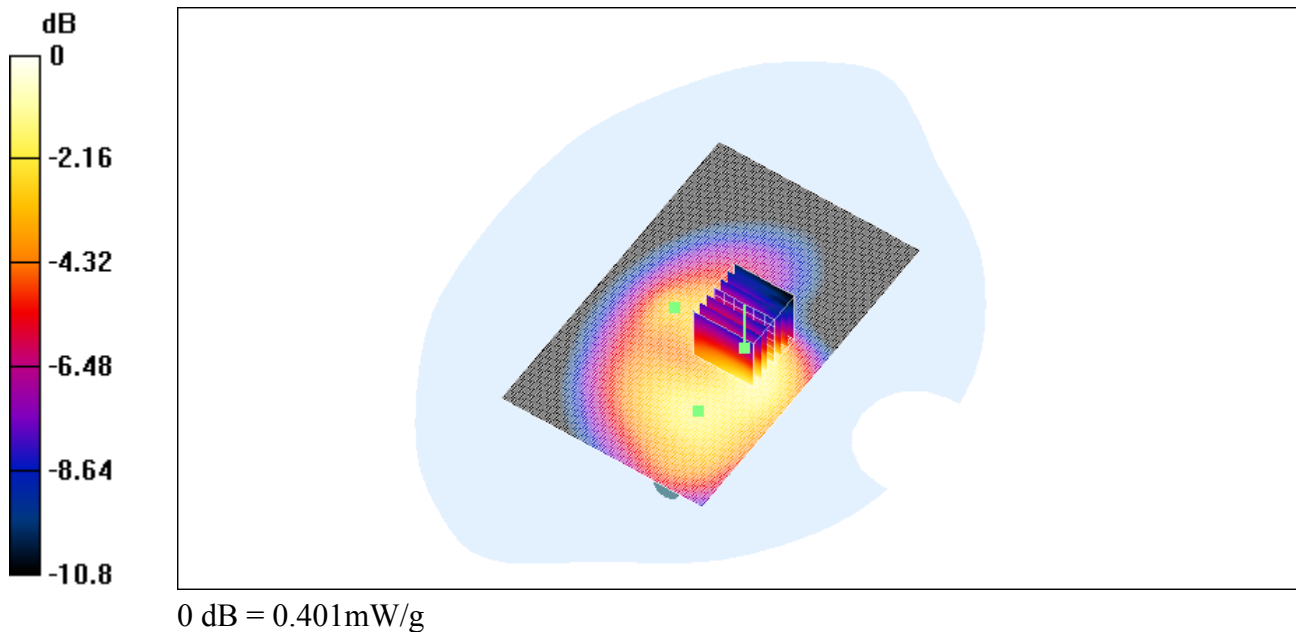
Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3  
Medium: Muscle 1900 MHz Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

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

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm  
Reference Value = 22.3 V/m; Power Drift = -0.0 dB  
Maximum value of SAR (interpolated) = 0.412 mW/g

**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 22.3 V/m; Power Drift = -0.0 dB  
Maximum value of SAR (measured) = 0.401 mW/g  
Peak SAR (extrapolated) = 0.577 W/kg  
**SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.288 mW/g**



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_flat\_ch810\_tasche\_back

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

Communication System: GSM 1900; Frequency: 1908.8 MHz; Duty Cycle: 1:8.3

Medium: Muscle 1900 MHz Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 20.2 V/m; Power Drift = 0.1 dB

Maximum value of SAR (interpolated) = 0.492 mW/g

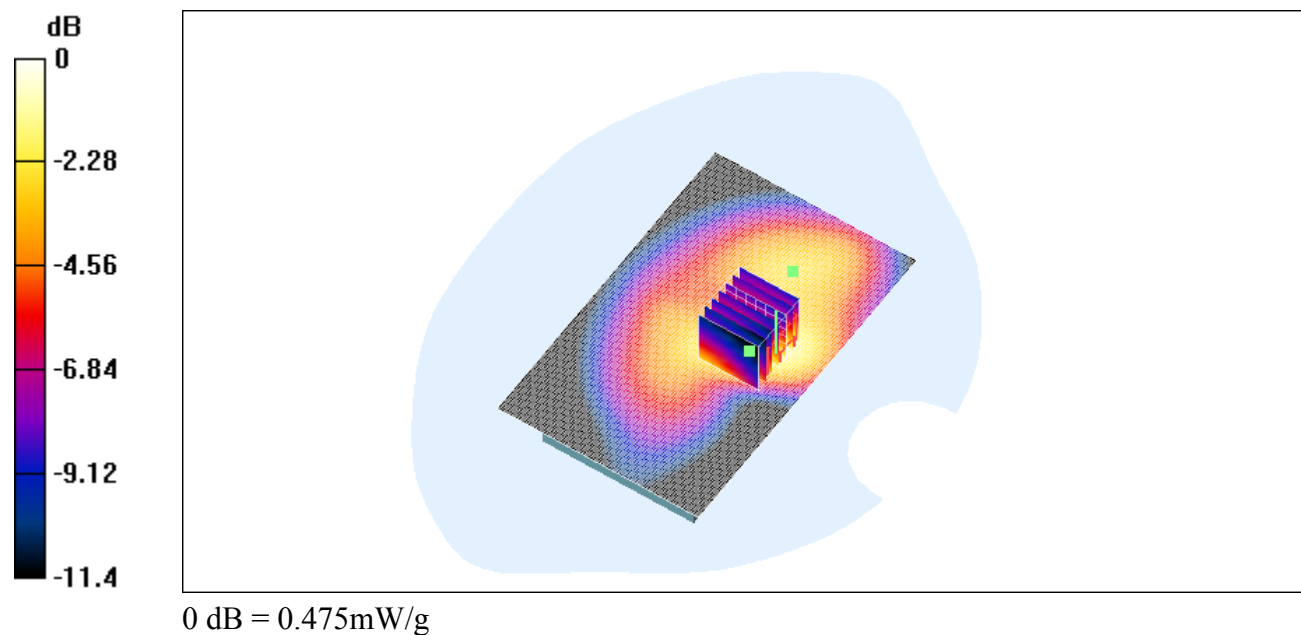
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 0.475 mW/g

Peak SAR (extrapolated) = 0.620 W/kg

**SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.313 mW/g**



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_flat\_ch661\_back

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Muscle 1900 MHz Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Reference Value = 19.8 V/m; Power Drift = -0.0 dB

Maximum value of SAR (interpolated) = 0.411 mW/g

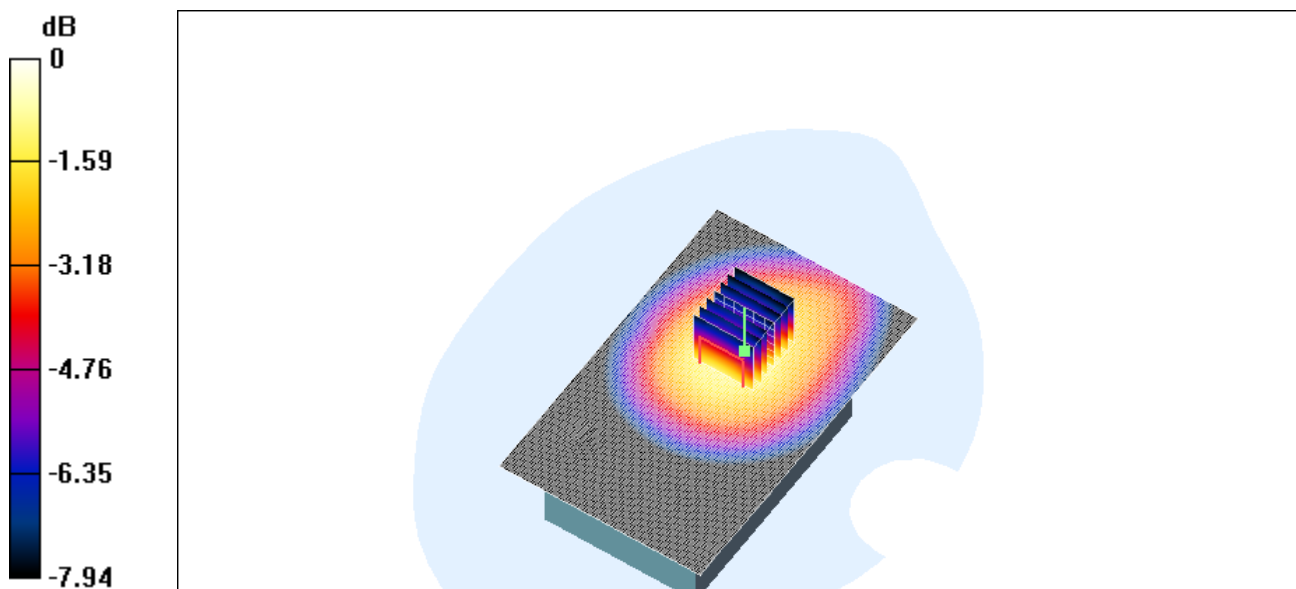
**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.8 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 0.401 mW/g

Peak SAR (extrapolated) = 0.656 W/kg

**SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.275 mW/g**



0 dB = 0.401mW/g



Test Laboratory: ELECTRONIC TECHNOLOGY SYSTEMS DR. GENZ GMBH

### 1900\_flat\_ch661\_front

**DUT: PDA 850/900/1800/1900/WLAN/BT; Type: -; Serial: HSTN H-C01C**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Muscle 1900 MHz Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.55 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ;  $\rho = 1000 \text{ kg/m}^3$

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

**HSTN H-C01C/Area Scan (101x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Reference Value = 20.3 V/m; Power Drift = 0.0 dB

Maximum value of SAR (interpolated) = 0.409 mW/g

**HSTN H-C01C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 20.3 V/m; Power Drift = 0.0 dB

Maximum value of SAR (measured) = 0.391 mW/g

Peak SAR (extrapolated) = 0.639 W/kg

**SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.282 mW/g**

